

## Appendix G – Operational noise complaints

Event type	Event date	Address	Summary	Details	Response
Incoming email	13/01/2017	1 Marblewood Place, Bangalow	Incoming email detailing noise complaints	<ul style="list-style-type: none"> <li>Notes that from personal experience the RMS has failed to mitigate current and future residents (DA 10.2011.474.1) at the southern end of Clover Hill against excessive freeway noise</li> <li>Notes that an earth embankment and a metal sound barrier are installed at the northern end of Clover Hill estate, however neither have been installed at the southern end, which is about to undergo extensive expansion</li> <li>No freeway sound wall has been installed between the new freeway and southern Clover Hill residential properties</li> <li>Earth embankment installed at the northern end of the estate peters out well before the southern area of the estate. The truck noise coming through here in the early evening and early hours of the morning can be especially distressing for residents</li> <li>The elevated height of the newly constructed freeway over and above the old highway means that passing semi-trailers are now visible from a number of residences in Marblewood Crescent where the embankment dips away at the southern end of Clover Hill</li> <li>The elevation of the new freeway has increased traffic noise volume for southern Clover Hill residents from former highway levels.</li> <li>Freeway elevation increases at the point coinciding with where the embankment peters out</li> <li>Advised by a former RMS staff member, that budgeting allowed only for a 2 hr initial noise</li> </ul>	

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				<p>impact assessment per property in Marblewood Place and that this was “inadequate”, given noise levels fluctuate dramatically according to weather conditions, time of day, truck traffic and wind direction</p> <ul style="list-style-type: none"> <li>• Notes that parts of the new stages Clover Hill Estate south could potentially be impacted to an even greater extent, in particular Lots 4 to 12 Blackwood Place, that face directly onto the section of freeway devoid of both embankment or sound wall</li> <li>• Notes that RMS has failed to adequately buffer residents of southern Clover Hill from the noise impacts of the freeway</li> <li>• Notes that neighbours have regularly been awoken in the early hours of the morning by truck noise</li> <li>• Requests urgent mitigation of noise and visual pollution in sothern Clover Hill Estate</li> </ul>	

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Incoming email	15/01/2017		Incoming email detailing noise complaints	<ul style="list-style-type: none"> <li>• Raised concerns of high noise from project with RMS representatives</li> <li>• Notes that noise levels appear to be more than the levels from the old road at certain times and under certain conditions. This has been noted by a number of residents. The complainants appear to be mainly between Newrybar and Ross Lane. This is particularly acute north and south of the Macadamia Castle.</li> <li>• Informed by RMS representatives that RMS is obliged to undertake a validation noise monitoring survey within 12 months of the opening of the new highway to compare predicted noise levels to actual levels</li> <li>• Requests copy of validation report for the area from Newrybar to Ross Lane</li> <li>• Enquires what action RMS will undertake if report shows levels are in excess of acceptable levels</li> <li>• Notes that a survey of residents affected by excessive noise from the new road is being undertaken</li> <li>• Notes that a consultant may be employed by residents to undertake an independent noise validation report which will be used to compare with the RMS report. Hopes this wont be necessary and that for any areas that show excessive noise levels, RMS will be able to advise residents of measures RMS will be taking to reduce this road noise.</li> </ul>	
Outgoing call	3/08/2016		Returned phone call from stakeholder.	<ul style="list-style-type: none"> <li>• Enquiry about attended monitoring at night, additional noise at night</li> </ul>	<ul style="list-style-type: none"> <li>• Informed of further details</li> <li>• E-mail with additional information and property consent form to be sent</li> </ul>

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Outgoing call	2/08/2016		Returned phone call from stakeholder.	<ul style="list-style-type: none"> <li>Enquiry about monitoring at property</li> <li>Sleep disturbance impacts</li> <li>Enquiry about signs indicating residential area</li> </ul>	<ul style="list-style-type: none"> <li>Informed of further details of monitoring</li> <li>To get someone in contact to address concerns</li> <li>E-mail with additional information and property access consent form to be sent</li> </ul>
Incoming email	1/08/2016		Incoming email about community complaints re noise. Requests to be assured noise impacts are being assessed.	<ul style="list-style-type: none"> <li>Noise levels above those from old highway</li> <li>Trucks noisier due to speed increase from new highway</li> <li>Requests to be assured noise impacts are being assessed.</li> </ul>	<ul style="list-style-type: none"> <li>No response to date</li> </ul>
Incoming email	17/07/2016		Incoming email about operational noise	<ul style="list-style-type: none"> <li>Traffic noise increase from wind direction</li> <li>Whining from trucks in distance</li> <li>Noise pollution from construction of tunnel</li> <li>Notes use of low noise pavement and commercial grade windows with double glazing</li> <li>Enquiry about post-construction re-assessment of property</li> <li>Sleep disturbance impacts</li> <li>Resident installing own acoustic treatment</li> <li>Request for immediate noise study to re-assess impacts</li> </ul>	<ul style="list-style-type: none"> <li>Teleconference organised</li> </ul>
Outgoing call	22/06/2016		Outgoing call to arrange meeting to discuss property adjustment and schedule 35 sign off	<ul style="list-style-type: none"> <li>Concerns about loud highway noise compared to the noise prior to construction</li> </ul>	<ul style="list-style-type: none"> <li>Community relations advisor informed that comments to be noted as complaint and e-mail sent outlining operational noise process</li> <li>CRA organised meeting about property adjustment</li> </ul>

Event type	Event date	Address	Summary	Details	Response
Display centre visit	21/06/2016		Display centre visit re operational noise	<ul style="list-style-type: none"> <li>Concerns of 'high pitched whirring' from highway during westerly winds</li> <li>Complained loud noise from project</li> <li>Greatest noise impact identified as between 3:30am-5am and 7pm-11pm</li> <li>Raised an early e-mail from project including contours from operational noise report showing that property falls under ECRTN (not allocated a receiver ID)</li> </ul>	<ul style="list-style-type: none"> <li>Post construction noise monitoring and subsequent report will be released to the community late 2016</li> <li>CRA advised additional noise mitigation may be considered if report identifies properties exceeding criteria</li> <li>CRA to follow up why property not listed in operational noise report</li> </ul>
Outgoing call	30/05/2016		COMPLAINT: CLOSED Outgoing call following up operational noise complaint	<ul style="list-style-type: none"> <li>Enquiry about noise barrier for property</li> <li>Enquiry about installation of compression braking signs</li> <li>Notes that northbound traffic seems to be source of compression braking</li> <li>Concerns about modelling process</li> <li>Request immediate fix to operational noise concerns prior to operational noise report</li> <li>Complaints about response time to initial enquiry</li> <li>Complaint about rudeness of conversation with CRA</li> <li>Called back and put through the community relations advisor's supervisor</li> </ul>	<ul style="list-style-type: none"> <li>Informed that no plans to install further noise walls</li> <li>CRA noted a compression braking sign had been installed on the northbound carriageway before the northern portal and enquired if the stakeholder knew if it was north or southbound traffic that was the issue.</li> <li>CRA explained that the project would soon start monitoring operational noise to validate the noise modelling. CRA clarified that the operational noise monitoring had not commenced and the report had not been completed, but was expected to be available by the end of the year.</li> <li>CRA stated the stakeholder was not familiar with the components of the operational noise model and explained that noise levels were predicted so noise affected properties would get the benefit of noise attenuation during construction.</li> </ul>

Event type	Event date	Address	Summary	Details	Response
					<ul style="list-style-type: none"> <li>• CRA offered to send an email outlining the operational noise process.</li> <li>• CRA offered to provide stakeholder with a direct contact number for the project.</li> </ul>
Incoming email	1/06/2016	40 St Helena Road McLeods Shoot	Incoming email responding to 26 April 2016 email about mound height and other issues		
Incoming email	19/05/2016	80 St Helena Road McLeods Shoot	Incoming email via RMS complaining about traffic control on St Helena Road	<ul style="list-style-type: none"> <li>• Complaint about traffic control not allowing vehicles through</li> </ul>	<ul style="list-style-type: none"> <li>• Incident and investigation discussed with resident</li> <li>• Offer to meet declined by resident</li> <li>• Brief provided to RMS for close out with resident</li> </ul>
Incoming call	11/05/2016	8 Gumtree Place Bangalow	COMPLAINT: Incoming call about house clean request and operational noise	<ul style="list-style-type: none"> <li>• Notes compression braking at night and requested compression braking signs be installed</li> </ul>	<ul style="list-style-type: none"> <li>• Advised that compression braking sign in place south of Wiley Road overbridge</li> <li>• Explained review process for operational noise</li> </ul>

Event type	Event date	Address	Summary	Details	Response
Incoming email	28/04/2016	26 Palm Lilly Crescent (Willis)	COMPLAINT: Operational noise	<ul style="list-style-type: none"> <li>• Complaints about increased traffic noise from new highway, citing sleep disturbance is an issue</li> <li>• Noise levels noted to increase from prior to highway opening with new speed limit of 110 km/h and direction of winds</li> <li>• Complaints from a number of residents</li> <li>• Notes that long incline immediately south of Bangalow overpasses seems to be origin of noise disturbance. Incline seems too steep.</li> <li>• Causes engine revs and noise from trucks. Trucks also drop off accelerator/apply engine brakes on downhill stretch towards Bangalow</li> <li>• New highway is at a higher elevation than the old highway. No noise mound or noise mitigation treatments at the southern/upper half of the incline</li> <li>• Old highway noise seems to echo</li> <li>• Stretch of new highway has direct line of site to residents in Bangalow</li> <li>• Proposed solutions to noise: <ul style="list-style-type: none"> <li>○ Noise absorption and deflection walls particularly immediately to the north of the major cut south of Bangalow.</li> <li>○ The low noise surface should be extended well into the major cut south on Bangalow.</li> <li>○ Reconsideration of the requirement for trucks carrying hazardous materials to bypass the tunnel;</li> <li>○ Illuminated variable speed limit signs on the approach to Bangalow to automatically switch to say 90kph for the period 9pm to 6am.</li> <li>○ Prominent signposting requesting trucks to avoid using engine or air braking;</li> <li>○ Additional tree planting</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• CRA called to acknowledge receipt and advised a written response explaining the operational noise review process would be sent out to him.</li> </ul>

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Incoming email	11/04/2016	8 Ballina Road Bangalow	COMPLAINT: Incoming email and response about operational noise	<ul style="list-style-type: none"> <li>High noise levels from the new motorway at Bangalow.</li> <li>The new motorway sits higher than they were told.</li> <li>Noise travels over the highway.</li> <li>Constant traffic noise, more compression braking.</li> <li>RMS should consider double glazing all windows and doors.</li> </ul>	<ul style="list-style-type: none"> <li>Informed resident of Operational Noise Report which outlines <ul style="list-style-type: none"> <li>predicted noise impacts</li> <li>noise mitigation measures</li> <li>criteria adopted for the noise model</li> </ul> </li> <li>Informed resident of noise mitigation measures used in the Bangalow area</li> <li>Post construction noise monitoring and subsequent report will be released to the community late 2016</li> <li>Link to Operational Noise Presentation was provided</li> <li>Link to further information regarding operational noise provided</li> </ul>
Incoming call	30/03/2016	14 Hambly Lane Newrybar	Incoming call re operational noise	<ul style="list-style-type: none"> <li>Complaint about noise from new highway due to higher road</li> <li>Requested meeting with Hambly Lane residents to discuss issues</li> </ul>	<ul style="list-style-type: none"> <li>CRA informed that they would look into request and get back to stakeholder.</li> </ul>
Incoming call	24/03/2016	3 Marblewood Place Bangalow	COMPLAINT: Incoming call re operational noise		
Incoming email	16/03/2016	17 Ballina Road Bangalow	COMPLAINT: Incoming email about operational noise		
Incoming call	11/03/2016	7 Tinderbox Road Talofa	COMPLAINT: Incoming call about operational noise	<ul style="list-style-type: none"> <li>Complaint about noise from new highway</li> <li>Trying to get in touch with RMS representative to discuss operational noise</li> <li>Suggests concrete be covered in bitumen to remedy noise</li> </ul>	<ul style="list-style-type: none"> <li>CRA understood that RMS representative explained process of Operational Noise already</li> <li>CRA committed to passing on request for another RMS discussion</li> </ul>



Event type	Event date	Address	Summary	Details	Response
Stakeholder meeting	9/03/2016	15 Hinterland Way Ewingsdale	COMPLAINT: Stakeholder meeting regarding property adjustment and schedule 35 sign off	<ul style="list-style-type: none"> <li>Complaint about compression braking noise between 4am and 6am</li> <li>He would like limit compression braking signs installed</li> <li>Signage at Ewingsdale roundabouts should be reviewed by RMS' Network Safety Group to minimise traffic performing U-turns in driveway</li> <li>Happy to sign schedule 35 once road signage and guard rail anchor block are fixed</li> </ul>	<ul style="list-style-type: none"> <li>CRM informed that final road safety audit would be done on project completion</li> <li>CRM addressed remaining issues previously raised</li> <li>CRM left the works as executed drawings and Schedule 35 to review and sign</li> </ul>
Outgoing call	8/03/2016	17 Ballina Road Bangalow	Outgoing call re operational noise and water runoff	<ul style="list-style-type: none"> <li>Complaint about operational noise (braking and acceleration) at the two residences at 17 Ballina Road and the vacant land adjacent to Hinterland Way.</li> <li>Said there is no 'limit compression braking sign' on the approach to Bangalow and said the noise is louder than it used to be.</li> <li>Said RMS were aware the land was rezoned for medium density housing before construction started.</li> <li>Said Lendlease could not rectify creek on property. Wanted to fix herself.</li> <li>Enquired where the pipes near the Clover hill noise mound will discharge.</li> </ul>	<ul style="list-style-type: none"> <li>CRA explained operational noise process for 17 Ballina Road but will refer comments about vacant land to RMS.</li> <li>Will look into issue about creek and drainage.</li> </ul>
Incoming email	22/02/2016	10 Ballina Road Bangalow	Incoming email about operational noise	<ul style="list-style-type: none"> <li>Complaint about significant increase in highway noise since project opening to the detriment of lifestyle and property value.</li> <li>Increase in general road base noise and truck compression braking above what was communicated from RMS and LendLease</li> <li>Want a review of noise impact the project has had on property with a management strategy.</li> </ul>	<ul style="list-style-type: none"> <li>CRA will look into issues raised and respond with further information.</li> </ul>

Event type	Event date	Address	Summary	Details	Response
Incoming call	18/02/2016	Ballina Road Bangalow	COMPLAINT: Incoming call re operational noise	<ul style="list-style-type: none"> <li>Follow up on previous complaint about operational noise</li> <li>Complaint about higher noise levels inside from upgrade</li> <li>More noise from the south, from braking, and more high pitched sounds</li> <li>Reconsidered property purchase</li> </ul>	<ul style="list-style-type: none"> <li>CRA advised post construction noise monitoring and subsequent report will be prepared and made available to residents.</li> </ul>
Display centre visit	18/02/2016	660 Bangalow Road Talofa	COMPLAINT: Display centre visit re property details and operational noise	<ul style="list-style-type: none"> <li>Resident interested in purchasing property on Alcorn Road but complained about loud operational noise during source to receiver winds.</li> <li>Interested in purchasing tanks and pipes from project</li> </ul>	<ul style="list-style-type: none"> <li>CRA advised post construction noise monitoring and subsequent report will be prepared and made available to residents.</li> <li>CRA referred resident to Pacific Highway Grafton Office</li> </ul>
Stakeholder meeting	8/02/2016	84 Hinterland Way Tintenbar	Meeting to discuss ongoing concerns related to drainage (not T2E related), noise and the U-turn bay.		<ul style="list-style-type: none"> <li>U-turn will be kept in place with addition of signage</li> <li>Re-iterated offer for at-house noise treatment – resident considered this unacceptable and inadequate</li> <li>Resident did not indicate what would be acceptable</li> </ul>
Incoming call	2/02/2016	13 Blackwood Crescent Bangalow	COMPLAINT: Incoming call re operational noise	<ul style="list-style-type: none"> <li>Resident recently moved to property and enquired as to what noise mounds would be built in the area</li> <li>No noise when she initially purchased the property 6 months prior</li> </ul>	<ul style="list-style-type: none"> <li>CRA referred to noise mound east of Clover Hill and advised work on northern end was continuing</li> <li>CRA will send out information about post construction noise monitoring</li> </ul>
Outgoing call	1/02/2016	Alcorn Road Knockrow	COMPLAINT: Outgoing call re access seal	<ul style="list-style-type: none"> <li>Resident was fine with access road receiving second seal</li> <li>Enquired if limit compression braking sign could be installed near the hill.</li> </ul>	<ul style="list-style-type: none"> <li>CRA informed resident about access sealant</li> <li>20-minute delay to access property</li> </ul>

Event type	Event date	Address	Summary	Details	Response
Incoming call	27/01/2016	7 Tinderbox Road Talofa	COMPLAINT: Incoming call about Tinderbox Creek Road and operational noise	<ul style="list-style-type: none"> <li>Enquired about estimated date of completion of Tinderbox Creek Road and restoration of drain on property and timing of solar panel clean</li> <li>Complaint about excessive noise between 4am and 5am; thinks it might be noise from trucks on Tinderbox Creek bridge reverberating in the valley.</li> </ul>	<ul style="list-style-type: none"> <li>CRA informed there is no timeframe for works on Tinderbox Creek Road – would get in touch when works to commence</li> <li>Solar panel clean would occur on completion of Tinderbox Road</li> <li>Complaint on operational noise referred to RMS.</li> </ul>
Incoming call	19/01/2016	7 Marblewood Place Bangalow	COMPLAINT: CLOSED Incoming call re operational noise	<ul style="list-style-type: none"> <li>Complaint about higher noise levels post opening</li> <li>Enquired whether a noise mound could be built to shield property</li> <li>Happy for RMS to visit her property</li> </ul>	<ul style="list-style-type: none"> <li>CRA advised there were no more plans for noise mounds</li> <li>RMS would be notified of her call to manage operational noise going forward</li> </ul>
Display centre visit	15/01/2016	20 Tinderbox Road Talofa	COMPLAINT: Display centre visit re dust and other issues	<ul style="list-style-type: none"> <li>Stakeholders attended the display centre and raised the following issues: <ul style="list-style-type: none"> <li>Dust generated from work on the Tinderbox stockpiles.</li> <li>Interactions between construction and resident vehicles under Tinderbox bridge (blindspot in the area)</li> <li>Why the northern stockpile has been lowered to 'below road level' as this has increased visibility of the new highway.</li> <li>Procedure for landscaping RMS properties</li> <li>Operational noise is higher than was expected.</li> <li>Enquiry about landscaping plans for Tinderbox Road.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>CRA will inform Environmental manager and get another water cart for stockpiles.</li> <li>CRA will pass on feedback to traffic manager concerning blindspot</li> <li>Will look into other enquiries raised and return call following week</li> <li>CRA advised the procedure for post construction noise monitoring and validation</li> </ul>

Event type	Event date	Address	Summary	Details	Response
Outgoing call	15/01/2016	20 St Helena Road McLeods Shoot	COMPLAINT: Outgoing call to follow up enquiry about haulage on St Helena	<ul style="list-style-type: none"> <li>Reported vibration impacts in the area, however did not need a monitor installed</li> <li>Operational noise was worse than expected</li> <li>He would like to take up the offer of air conditioning; 4-5 split systems in lieu of ducted</li> </ul>	<ul style="list-style-type: none"> <li>CRA advised there was no compaction or vibration equipment operating nearby at the time</li> <li>Proposed installation of vibration monitor</li> <li>CRA advised the post construction noise assessment will be completed once work on St Helena is completed</li> <li>RMS will be advised of air conditioning</li> </ul>
Incoming call	8/01/2016	3 Marblewood Place Bangalow	COMPLAINT: Incoming call re operational noise	<ul style="list-style-type: none"> <li>Complaint about increase in operational noise since opening of highway</li> <li>Unaware if property had received any noise attenuation prior to purchase in 2015</li> </ul>	<ul style="list-style-type: none"> <li>CRA advised that operational noise issues are being managed by RMS</li> <li>Post construction noise model would indicate which properties are to receive attenuation</li> </ul>
Incoming email	22/12/2015	Ballina Road Bangalow	COMPLAINT: Incoming email about operational noise	<ul style="list-style-type: none"> <li>Complaint about increase in operational noise</li> </ul>	<ul style="list-style-type: none"> <li>Complaint forwarded to Roads and Maritime Services to manage operational noise</li> </ul>

Event type	Event date	Address	Summary	Details	Response
Incoming call	22/12/2015	900 Bangalow Road Bangalow	COMPLAINT: Incoming call re house clean and operational noise	<ul style="list-style-type: none"> <li>• Call to clarify date of final clean</li> <li>• Still an unfinished sediment basin opposite driveway</li> <li>• Request that rubbish be removed from behind the temporary barriers on Bangalow road</li> <li>• Complaint about high levels of operational noise – mistakes highway traffic for driveway traffic</li> <li>• Request that North Coast Fencing remove concrete posts on boundary</li> </ul>	<ul style="list-style-type: none"> <li>• CRA informed a meeting will be organised between stakeholder and RMS to discuss operational noise concerns</li> <li>• Advised crew will clean out behind barriers and attend property in the new year to collect posts if required.</li> </ul>
Incoming email	21/12/2015	16 Hambly Lane Newrybar	COMPLAINT: Incoming email about operational noise post opening	<ul style="list-style-type: none"> <li>• Complaint about increased levels of operational noise</li> <li>• Have received acoustic treatment to northern façade, however noise is evident from north to south</li> <li>• Request to receive acoustic treatment to southern façade</li> <li>• Happy to have noise monitors set up at residence to record night time noise impact</li> <li>• Noticed rubbish was left under bridge and graffiti present on bridge</li> </ul>	<ul style="list-style-type: none"> <li>• CRA advised community relations team would be in touch in the early new year to organise a meeting between stakeholder and RMS to discuss concerns about operational noise</li> <li>• Graffiti and rubbish noted</li> </ul>
Display centre visit	21/12/2015	Wattle Place	COMPLAINT: Display centre visit re operational noise	<ul style="list-style-type: none"> <li>• Complaint about increased levels of operational noise; thought it was due to the higher ground level of the highway</li> <li>• Also evident in main street of Bangalow</li> <li>• Was told there were plans to extend the noise mound and whether it would be vegetated</li> <li>• Enquired as to why a noise wall hadn't been installed</li> </ul>	<ul style="list-style-type: none"> <li>• CRA reminded resident of where highway used to run</li> <li>• CRA confirmed work to extend the mound would commence early 2016 and would be vegetated</li> <li>• CRA advised the Clover Hill community wanted a vegetated noise mound in lieu of a noise wall.</li> </ul>
Incoming email	16/12/2015	88 Kinvara Ridge Road	Incoming email to RMS re noise and water		

# Appendix H – L<sub>Amax</sub> assessment

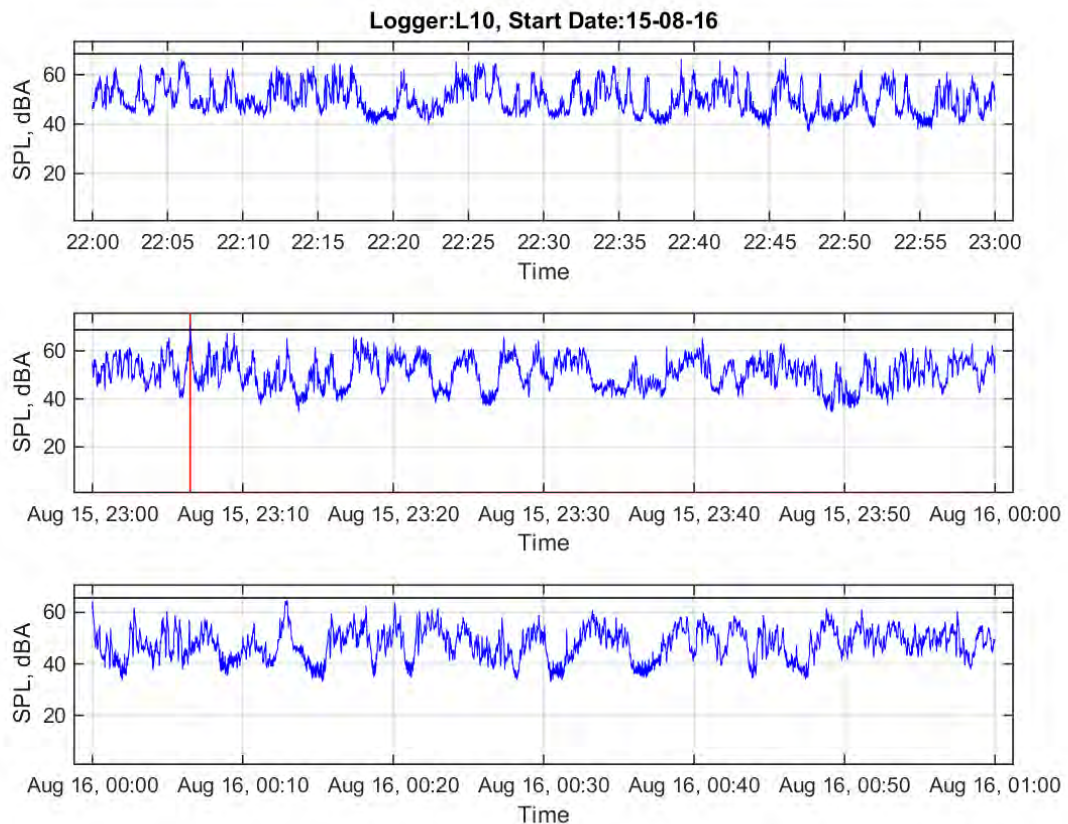
**Logger:** L10, 18 Hambly Lane, Newrybar

**Start Date:** 15/08/2016

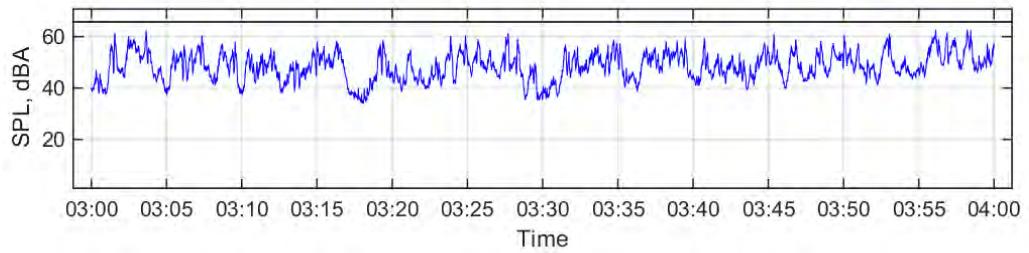
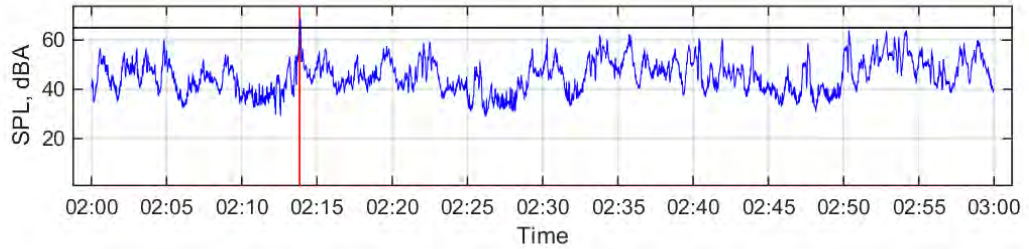
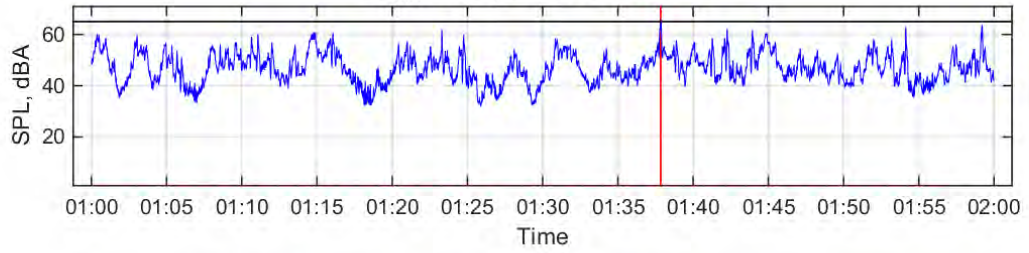
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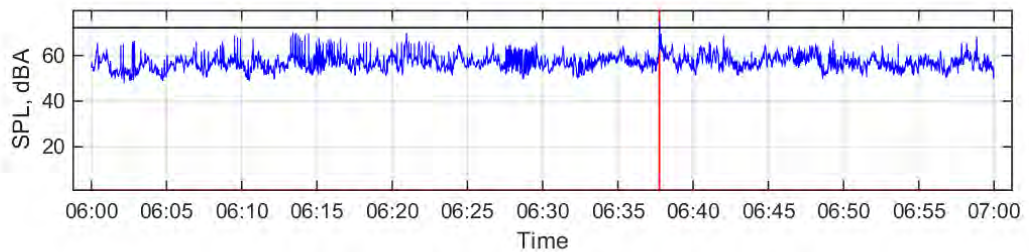
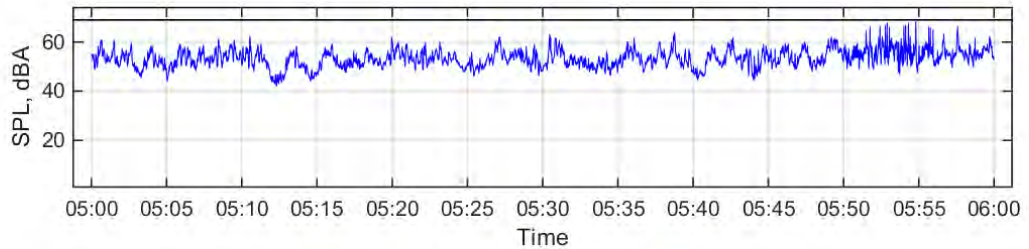
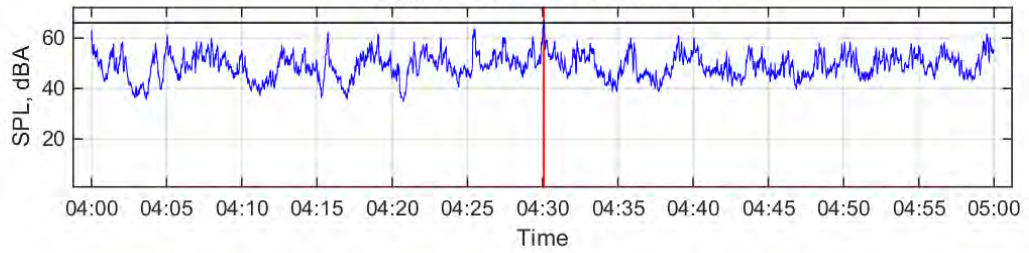
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L <sub>Aeq</sub>	53.4	53.8	50.6	49.8	49.8	50.7	51.1	54.0	57.1
Event average L <sub>Amax</sub>		69.9		65.5	67.1		66.5		73.7
Number events	0	1	0	1	1	0	1	0	1



Logger:L10, Start Date:15-08-16



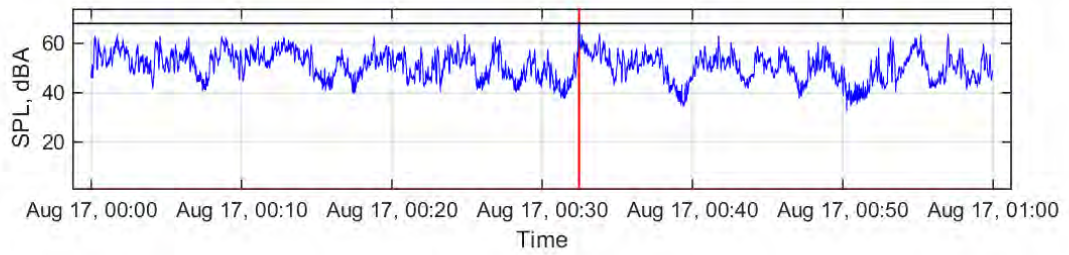
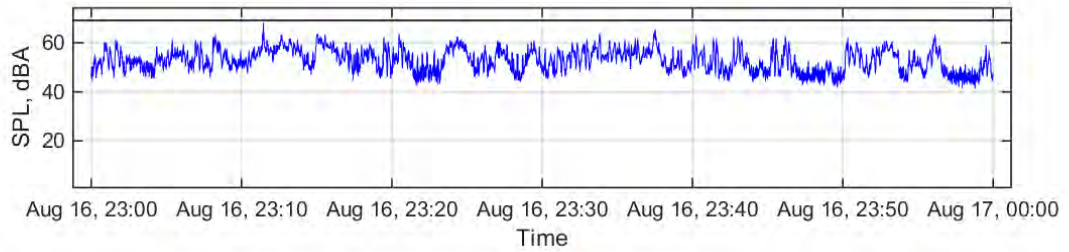
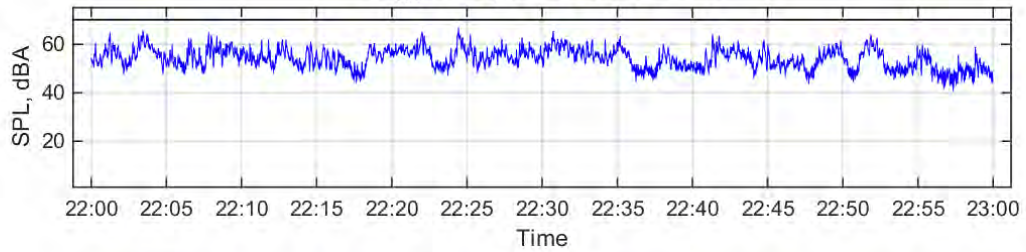
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Logger: L10, 18 Hambly Lane, Newrybar  
Start Date: 16/08/2016

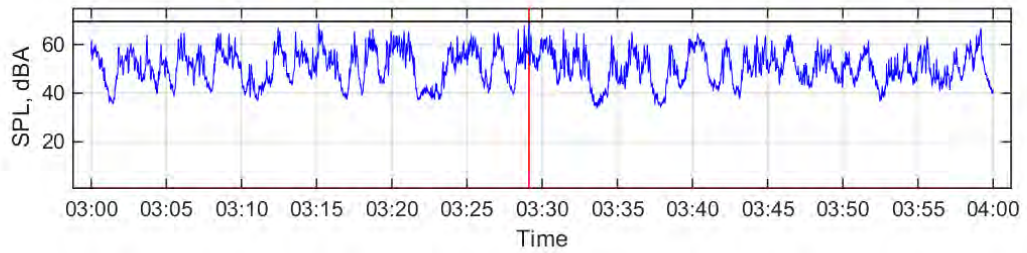
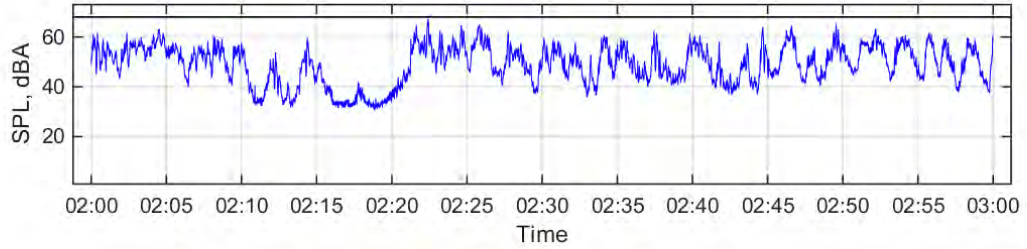
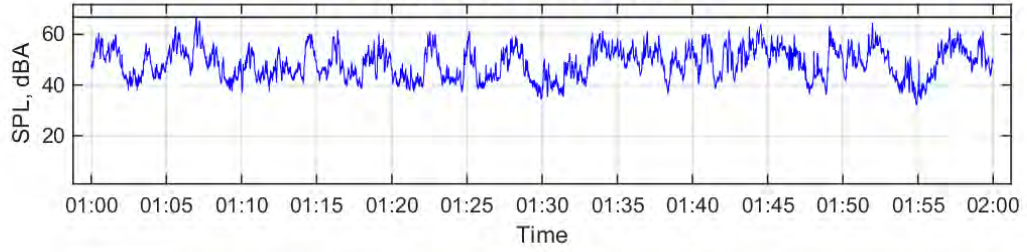
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	55.2	54.2	53.1	51.7	53.0	54.5	53.6	54.1	57.1
Event average L <sub>AMax</sub>			68.6			69.7			75.0
Number events	0	0	2	0	0	1	0	0	4

Logger:L10, Start Date:16-08-16

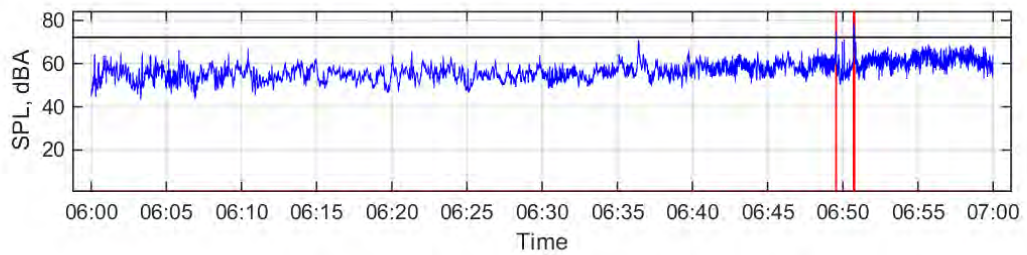
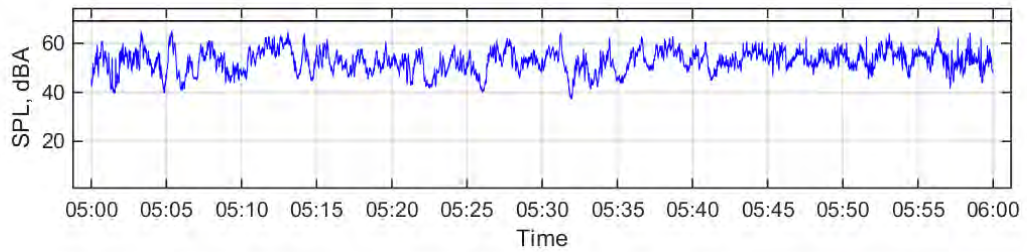
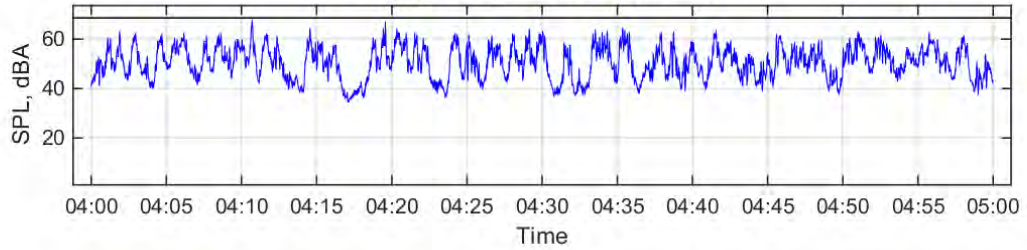




Logger:L10, Start Date:16-08-16



Logger:L10, Start Date:16-08-16

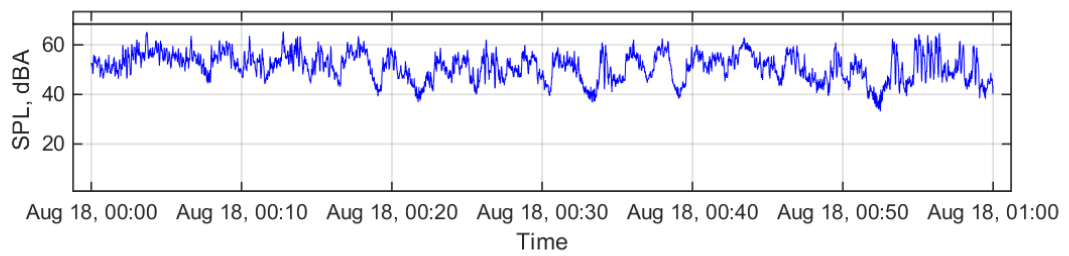
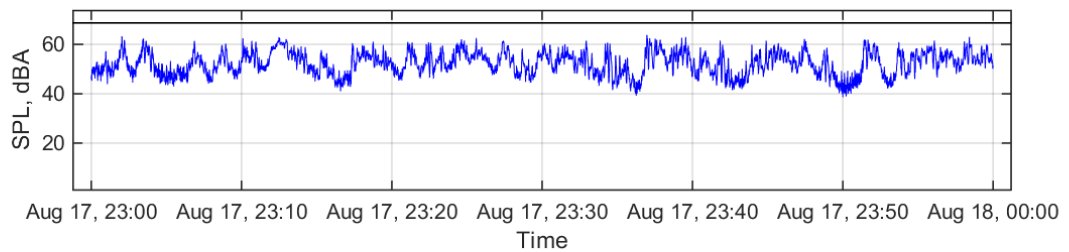
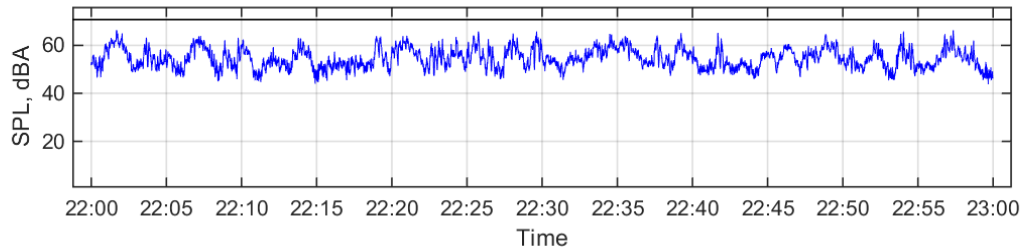


**Logger:** L10, 18 Hambly Lane, Newrybar

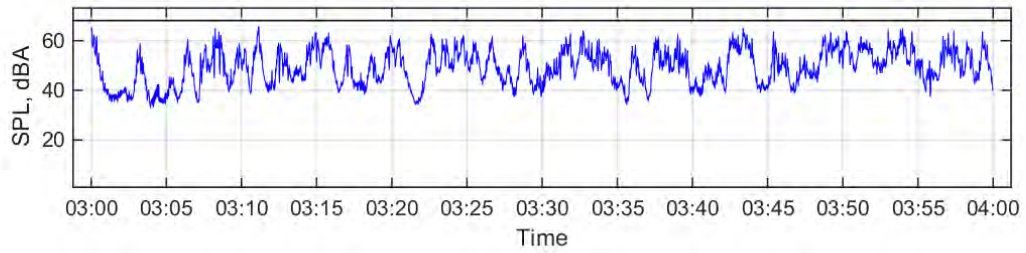
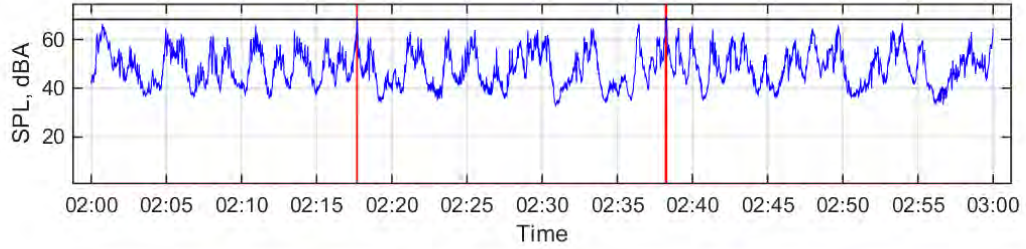
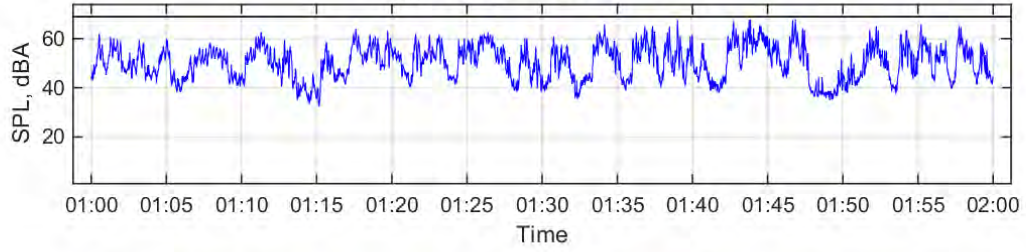
**Start Date:** 17/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	55.8	53.7	53.4	53.9	53.2	53.1	54.1	53.7	55.9
Event average L <sub>AMax</sub>					68.9			69.0	71.7
Number events	0	0	0	0	3	0	0	1	3

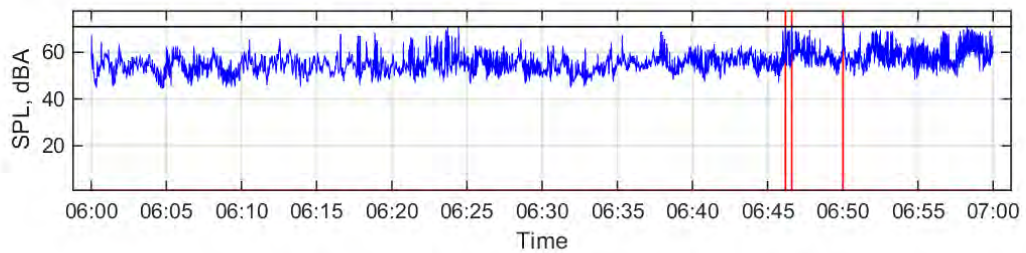
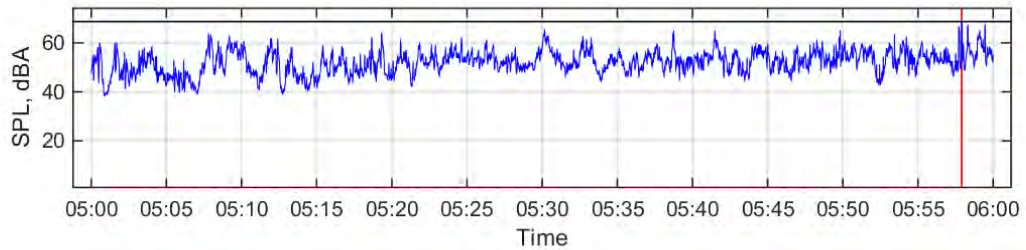
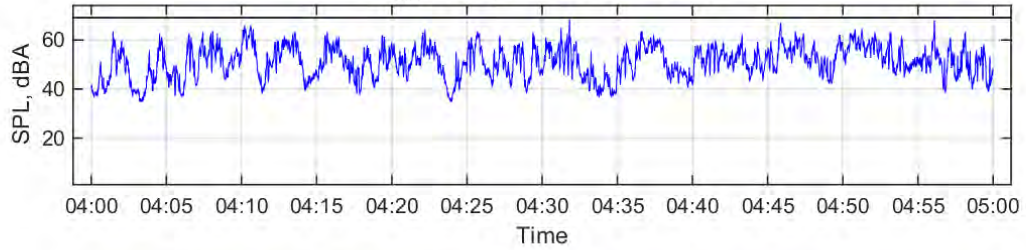
**Logger:L10, Start Date:17-08-16**



Logger:L10, Start Date:17-08-16



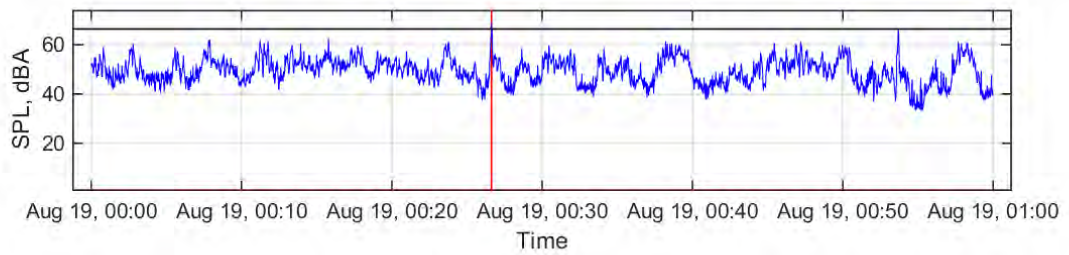
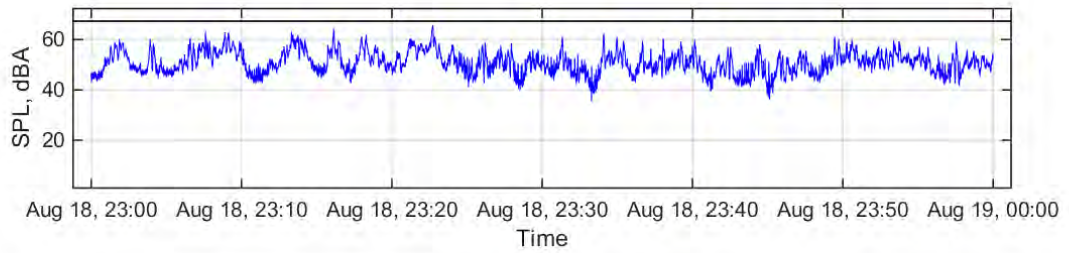
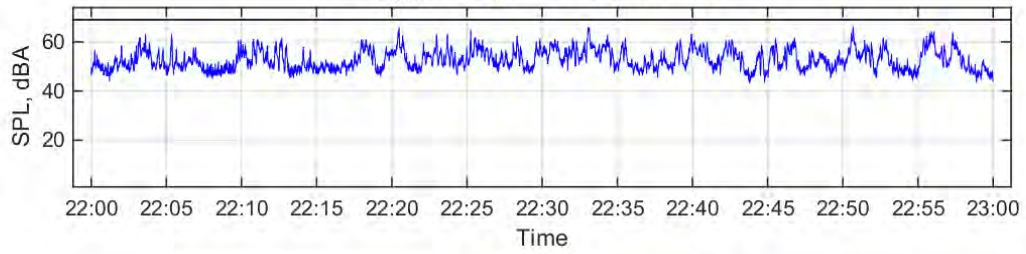
Logger:L10, Start Date:17-08-16



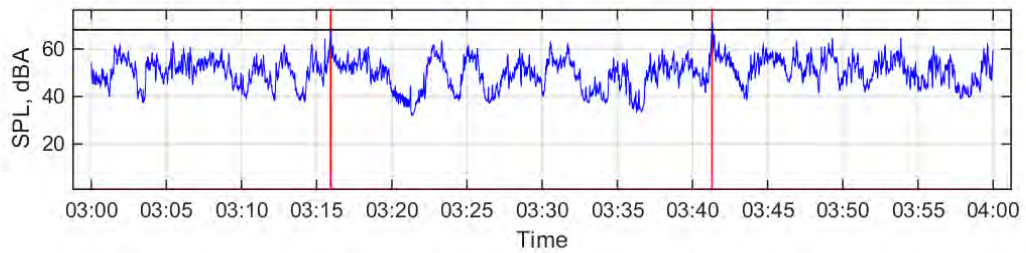
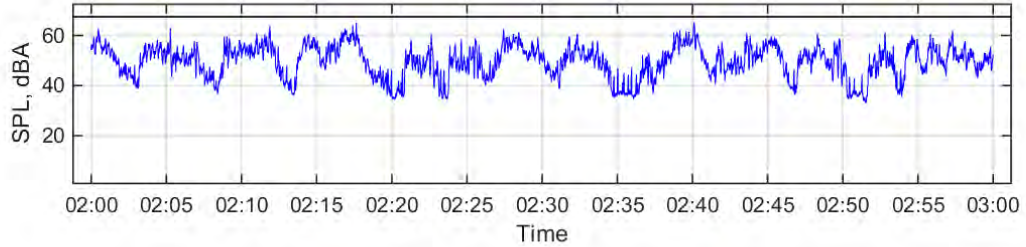
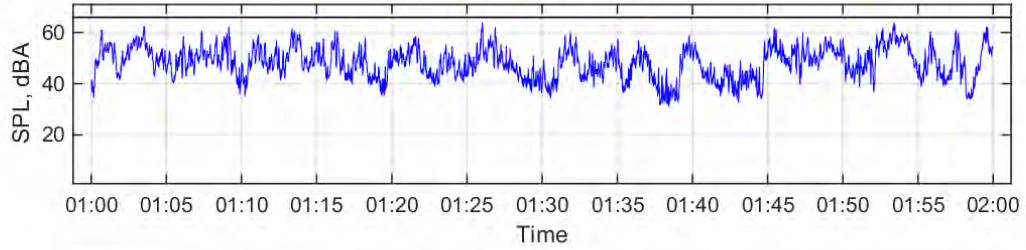
**Start Date:** 18/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	53.9	52.3	51.4	50.9	52.4	53.1	54.1	55.3	56.0
Event average L <sub>AMax</sub>			68.0			70.0			74.3
Number events	0	0	1	0	0	3	0	0	3

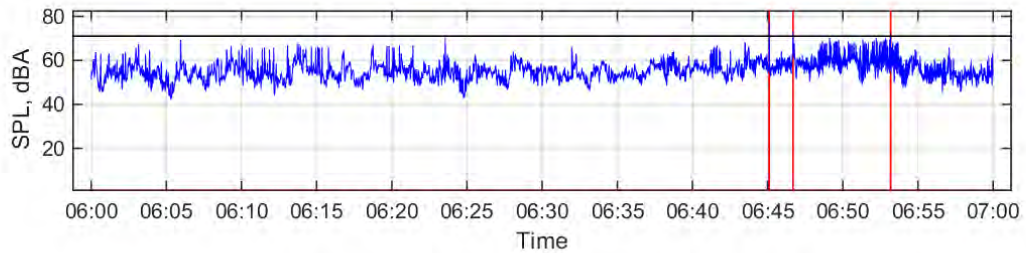
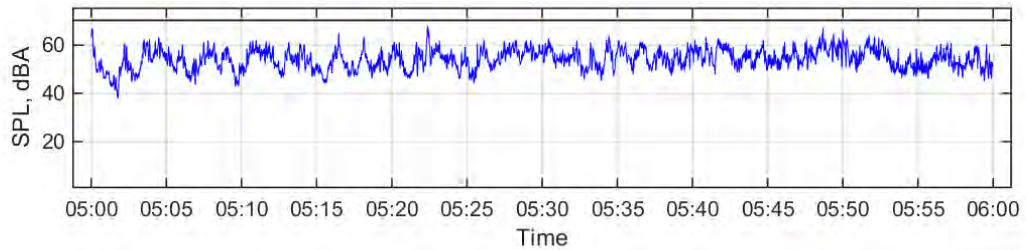
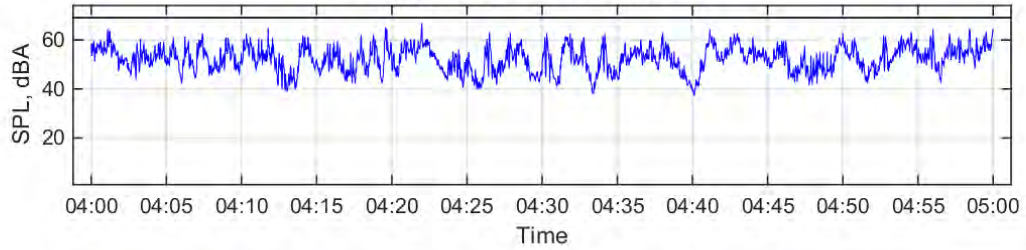
**Logger:L10, Start Date:18-08-16**



Logger:L10, Start Date:18-08-16



Logger:L10, Start Date:18-08-16

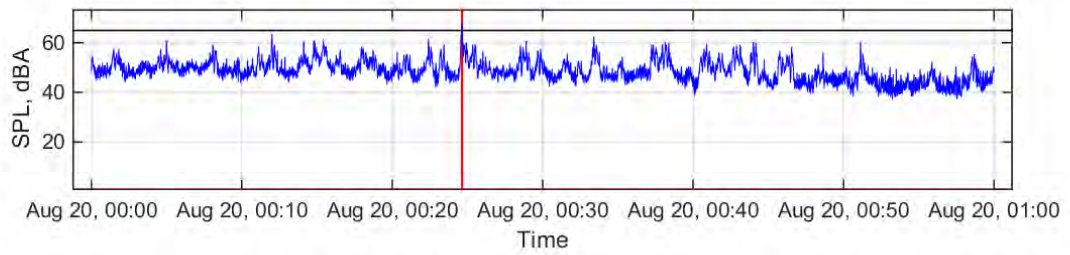
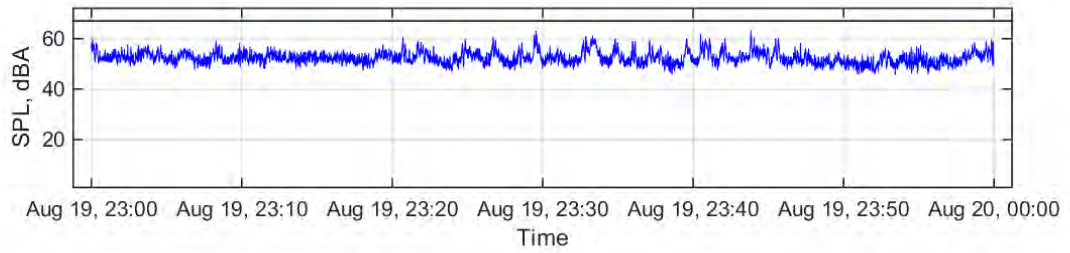
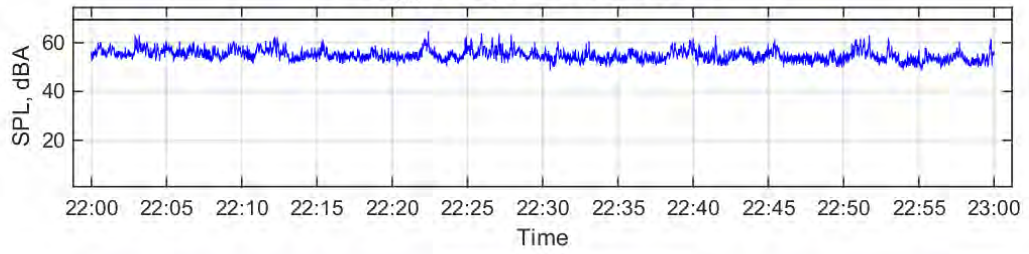


Logger: L10, 18 Hambly Lane, Newrybar

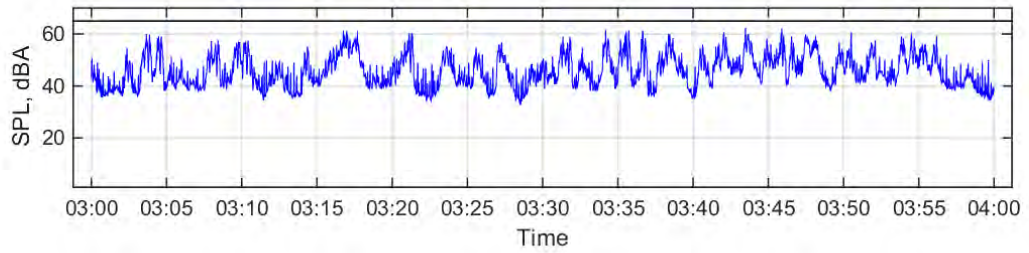
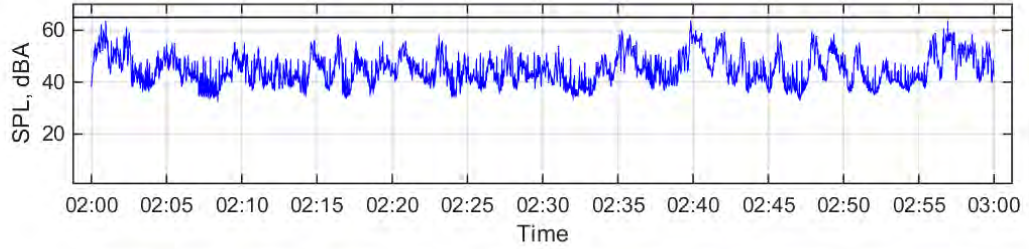
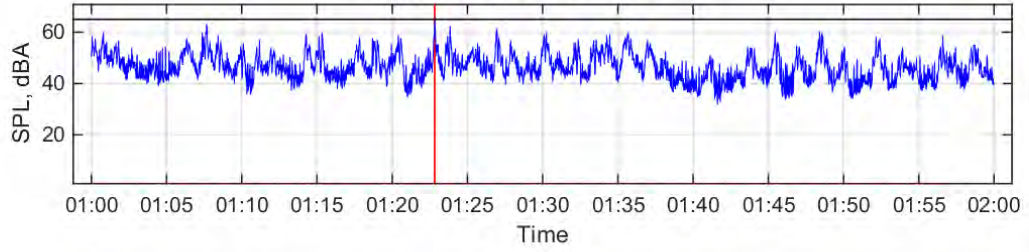
**Start Date:** 19/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
$L_{Aeq}$	54.5	52.1	49.9	48.7	48.2	49.2	49.0	51.4	53.0
Event average $L_{AMax}$			66.9	65.8			65.2		69.2
Number events	0	0	2	1	0	0	1	0	2

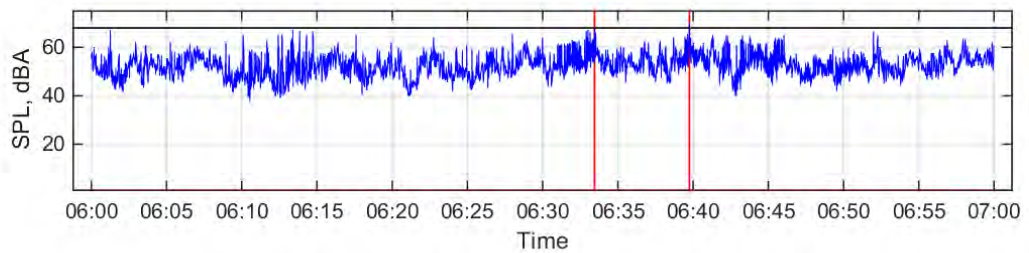
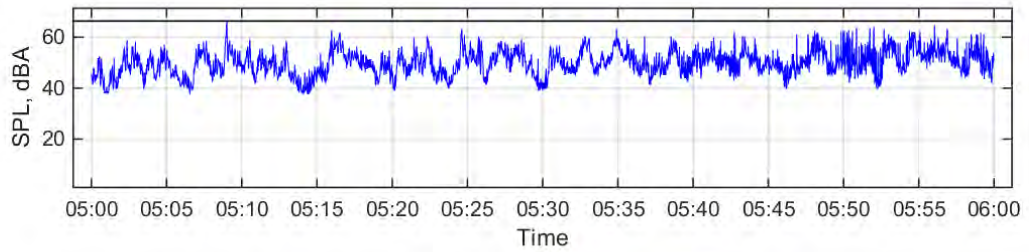
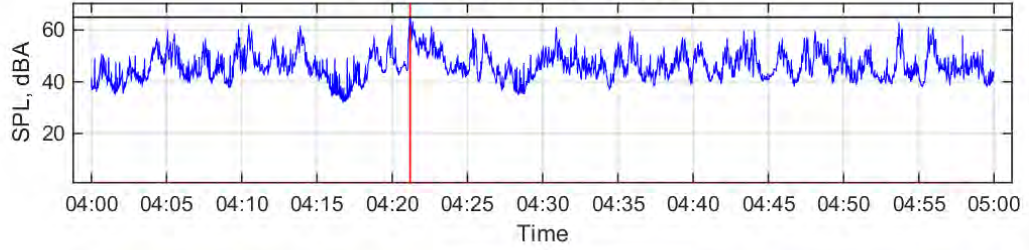
**Logger:L10, Start Date:19-08-16**



Logger:L10, Start Date:19-08-16



Logger:L10, Start Date:19-08-16

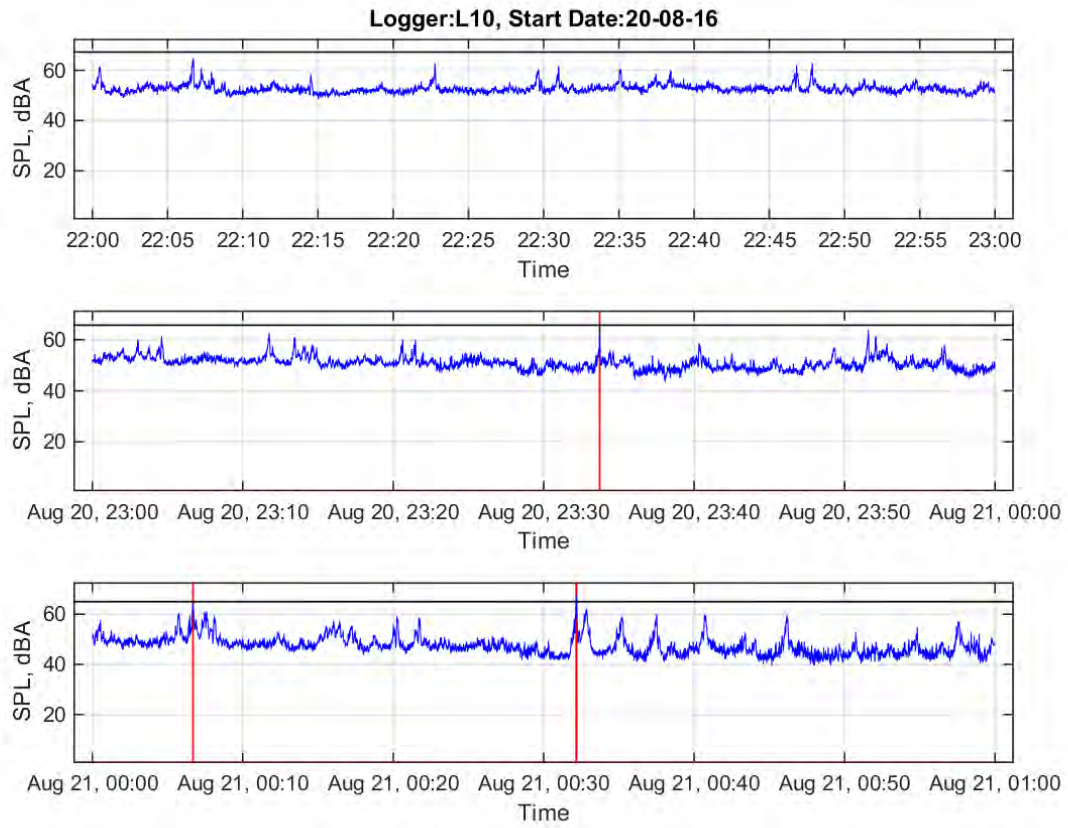


Logger: L10, 18 Hambly Lane, Newrybar

**Start Date:** 20/08/2016

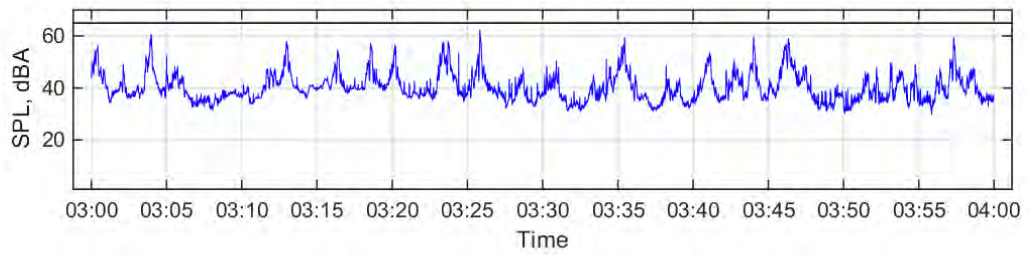
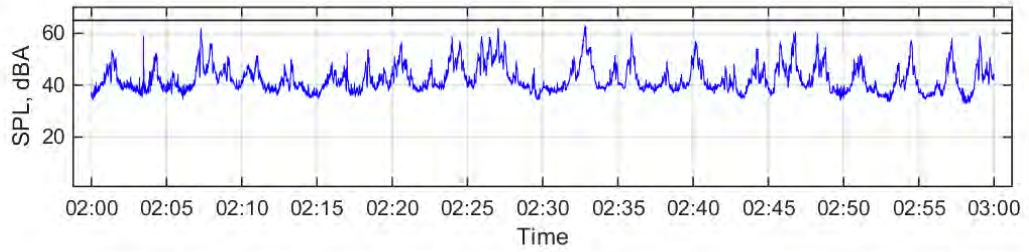
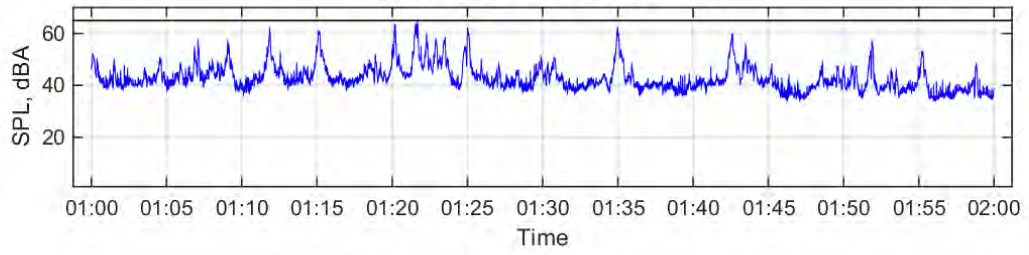
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	52.3	50.7	48.7	46.3	45.8	44.0	44.7	47.5	51.2
Event average L <sub>AMax</sub>		66.1	66.2				65.9	69.2	67.0
Number events	0	1	3	0	0	0	3	1	12 <sup>1</sup>

**Note:** Noise from birds contributed to the number of events

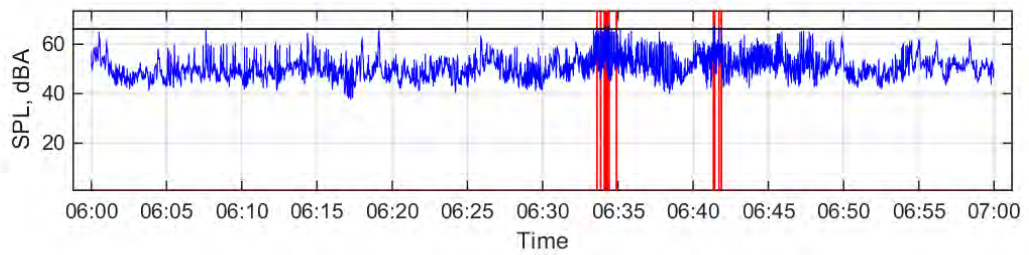
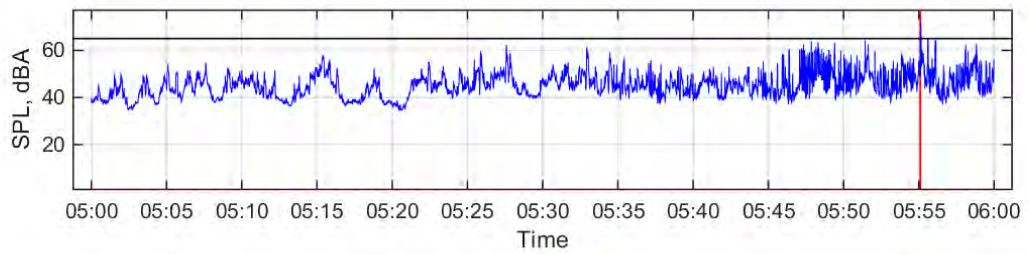
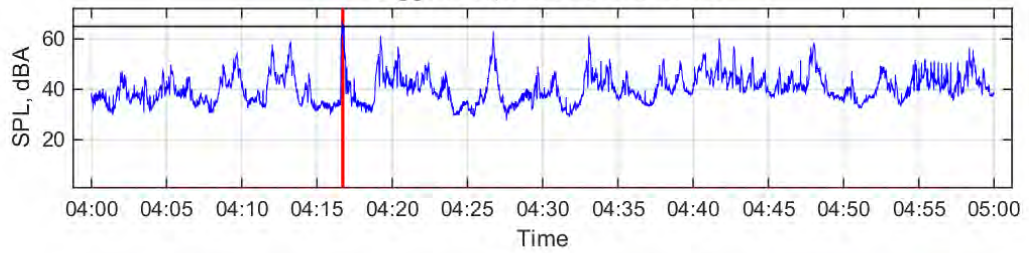




Logger:L10, Start Date:20-08-16



Logger:L10, Start Date:20-08-16

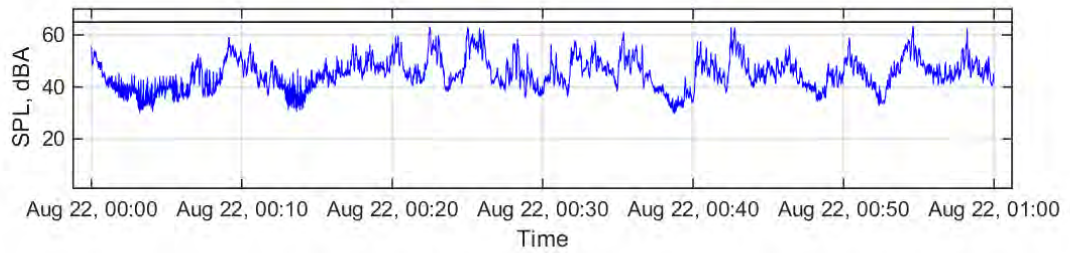
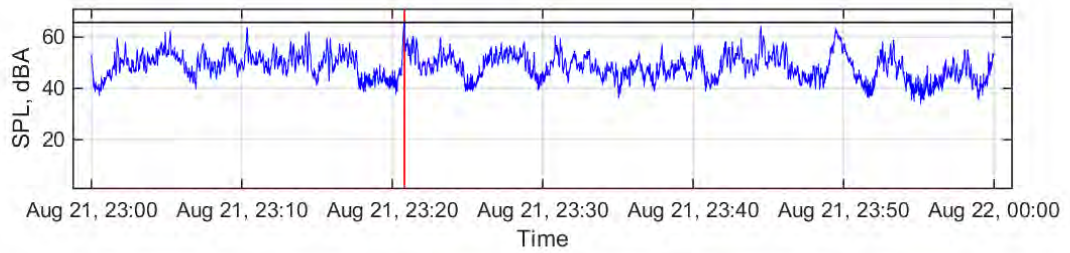
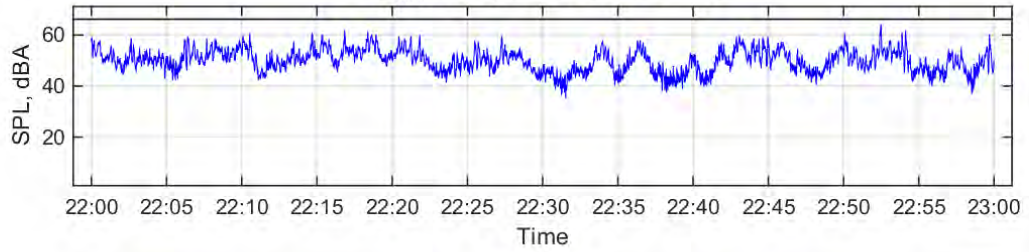


Logger: L10, 18 Hambly Lane, Newrybar

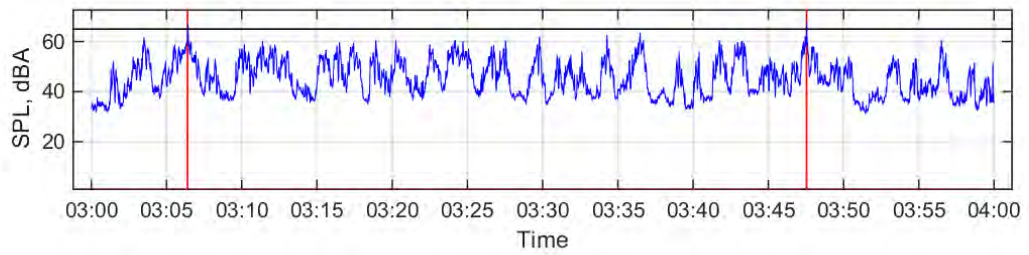
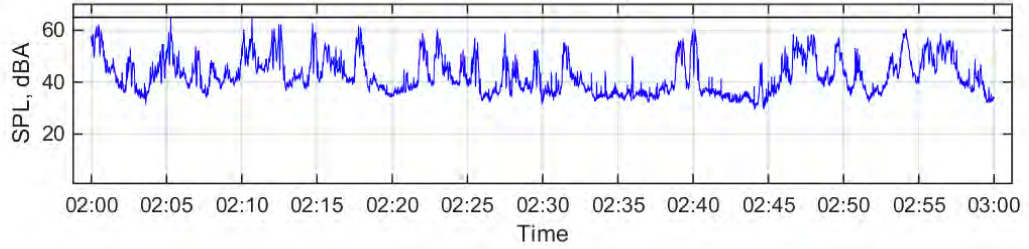
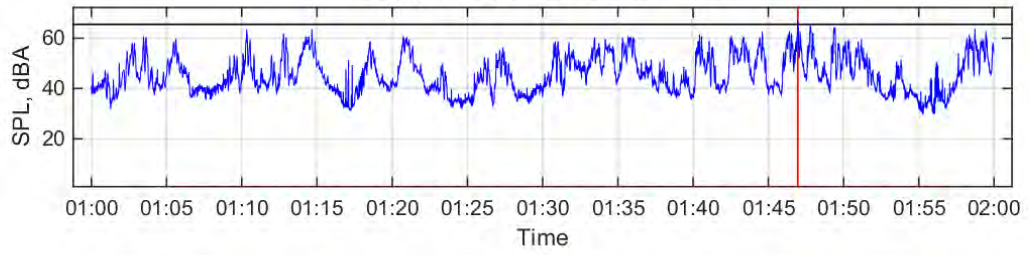
**Start Date:** 21/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	51.2	50.8	48.8	50.5	47.8	49.7	50.5	52.7	55.5
Event average L <sub>AMax</sub>		65.9		66.6		66.4	72.8		70.9
Number events	0	1	0	1	0	2	1	0	1

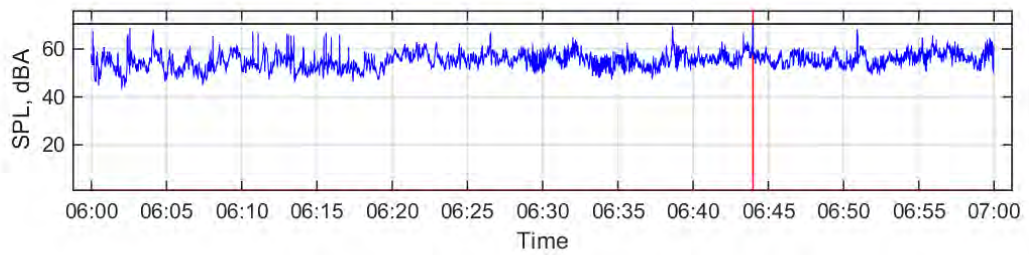
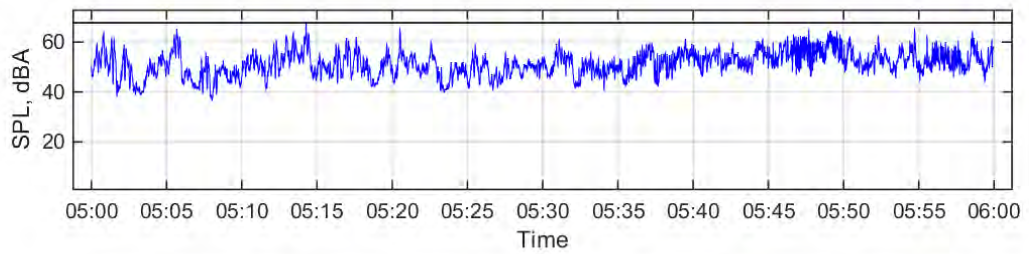
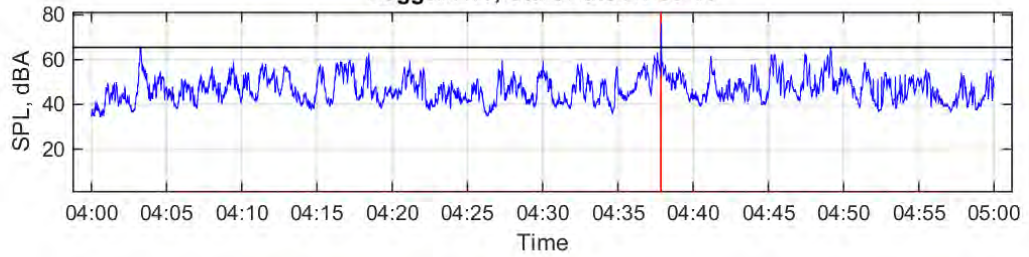
**Logger:L10, Start Date:21-08-16**



Logger:L10, Start Date:21-08-16



Logger:L10, Start Date:21-08-16

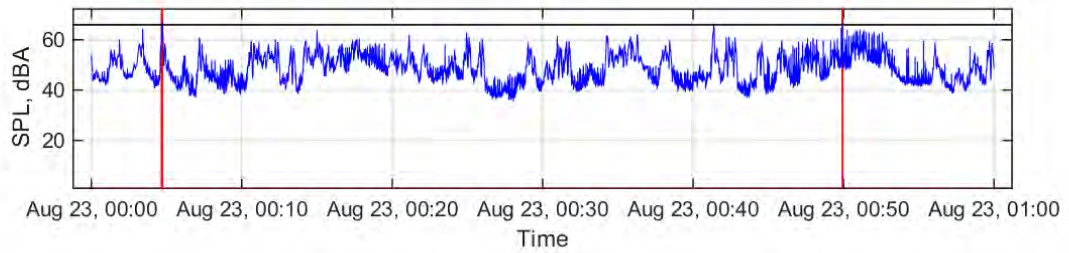
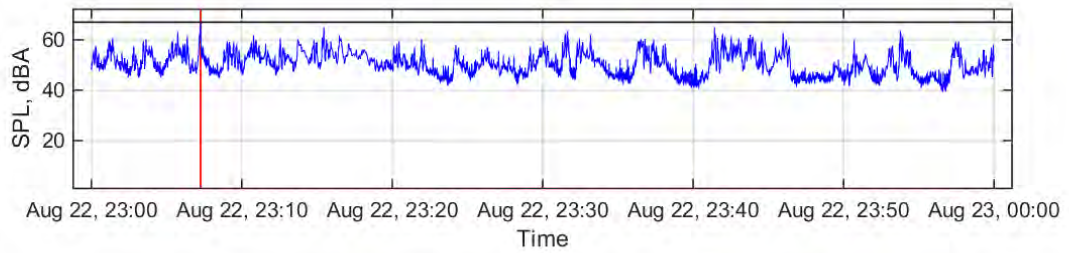
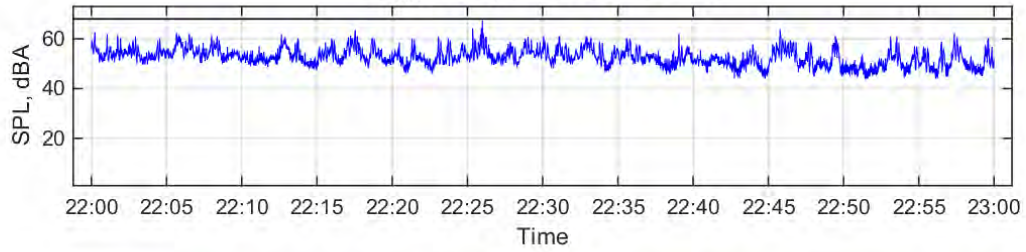


Logger: L10, 18 Hambly Lane, Newrybar

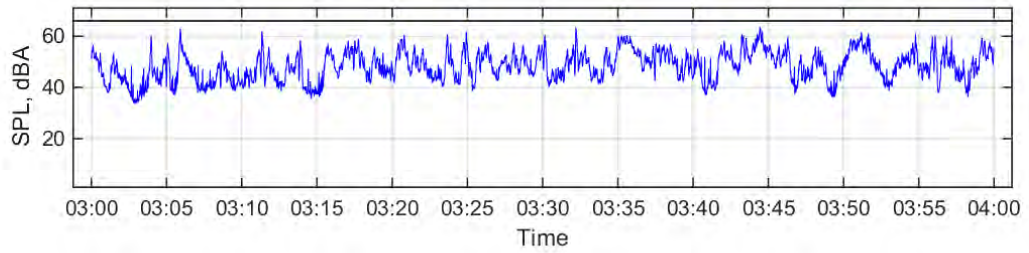
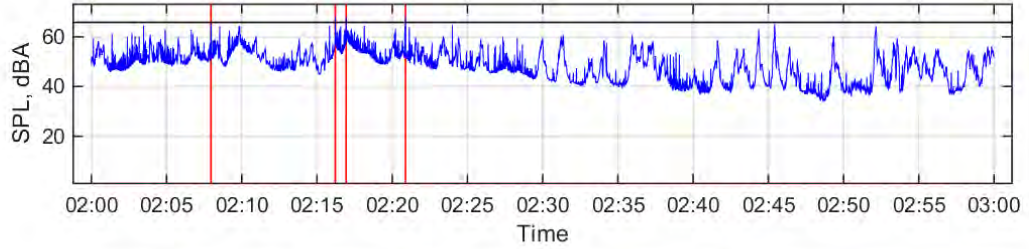
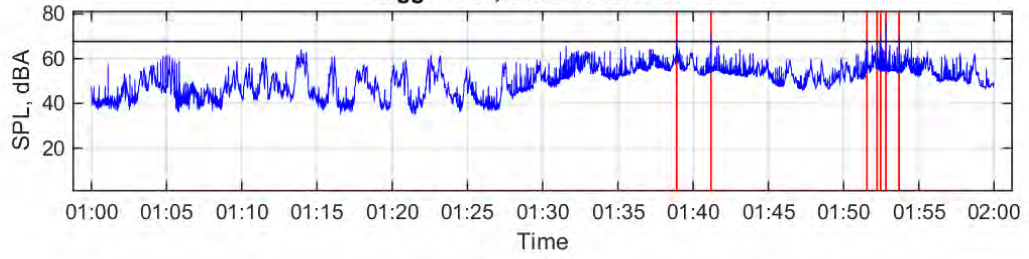
**Start Date: 22/08/2016**

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	53.0	52.0	50.9	52.7	50.8	51.0	53.2	54.6	57.2
Event average L <sub>AMax</sub>		67.1	66.6	69.8	67.5				
Number events	0	1	3	7	4	0	0	0	0

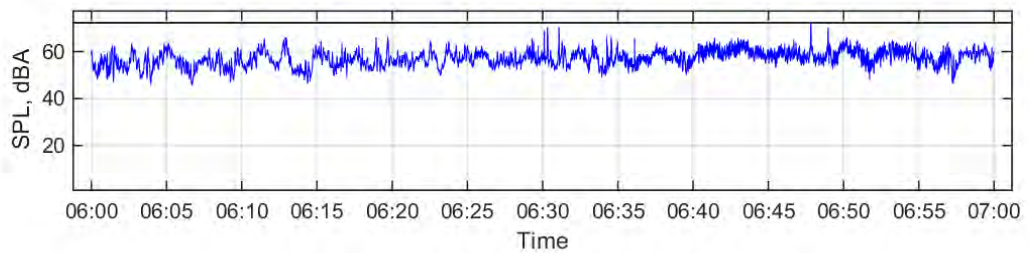
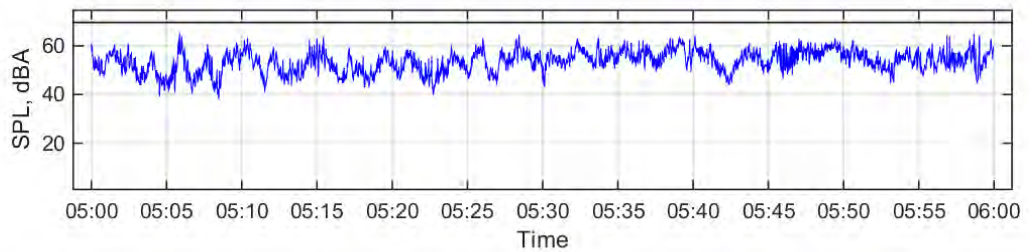
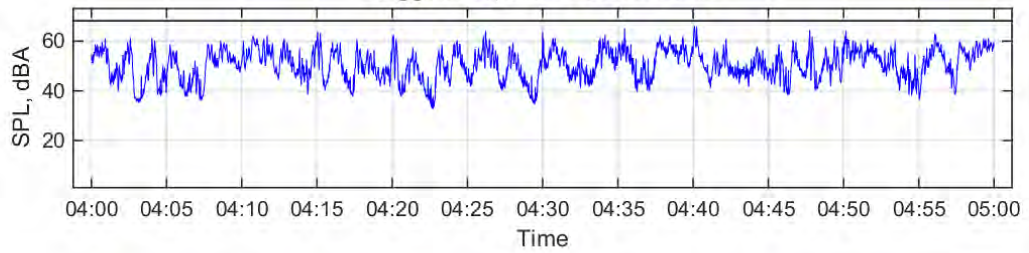
**Logger:L10, Start Date:22-08-16**



Logger:L10, Start Date:22-08-16



Logger:L10, Start Date:22-08-16

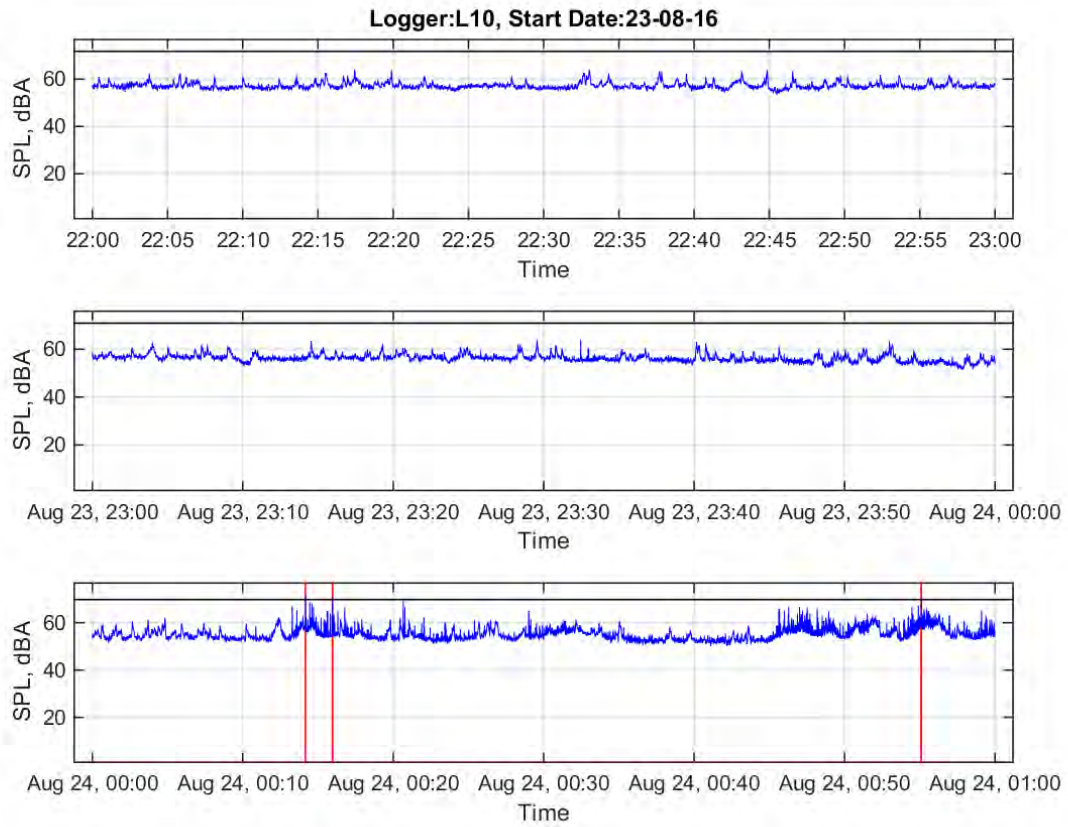


Logger: L10, 18 Hambly Lane, Newrybar

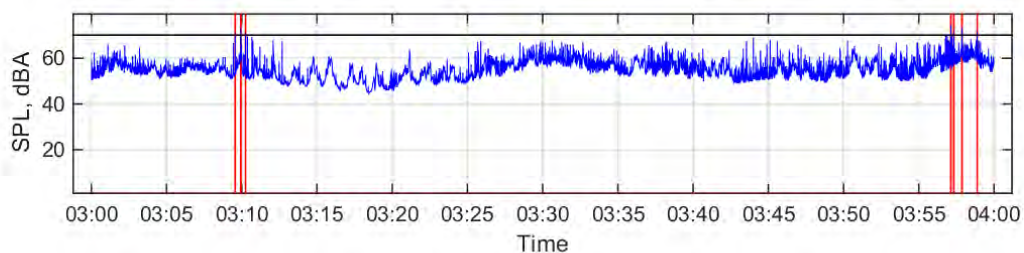
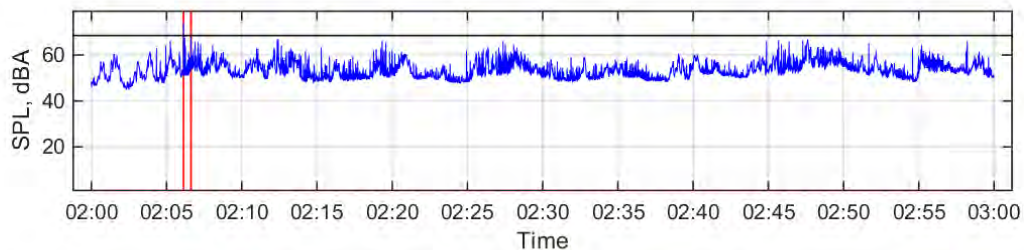
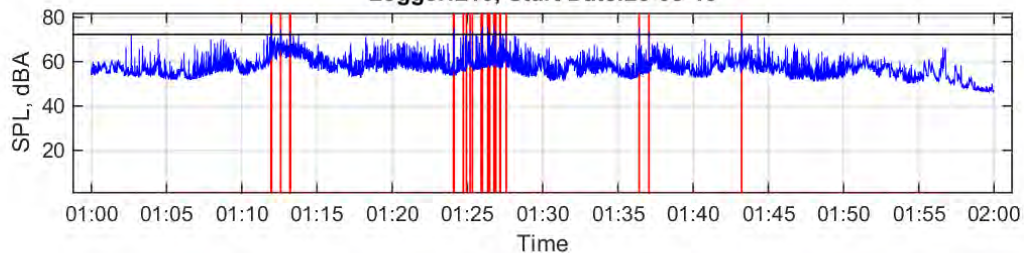
**Start Date: 23/08/2016**

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	56.8	55.9	54.8	57.3	53.5	55.1	58.8	56.9	58.3
Event average L <sub>AMax</sub>			71.1	73.9	71.6	72.3	75.1	75.4	74.7
Number events <sup>1</sup>	0	0	3	26	2	7	19	3	6

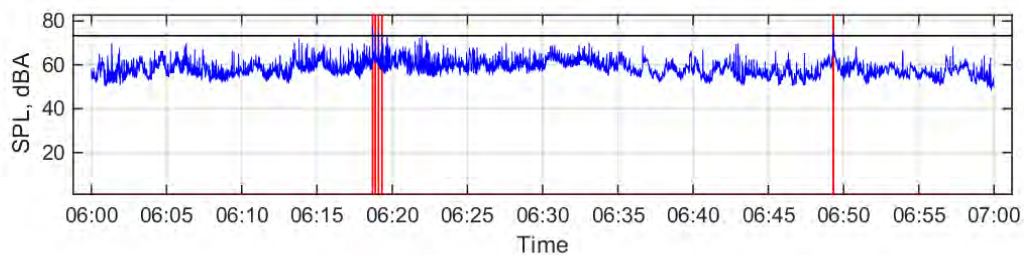
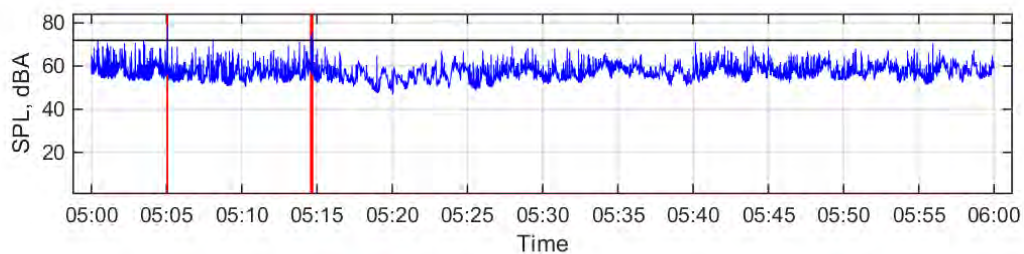
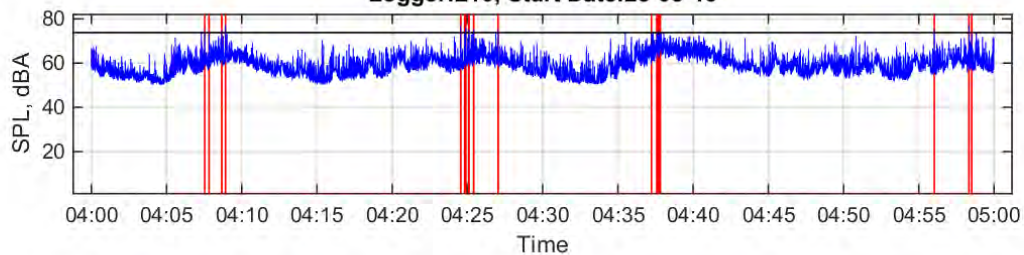
**Note:** Noise from rain contributed to the number of events



Logger:L10, Start Date:23-08-16



Logger:L10, Start Date:23-08-16

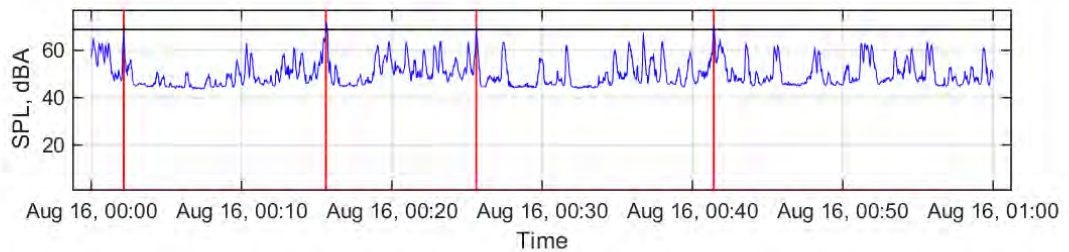
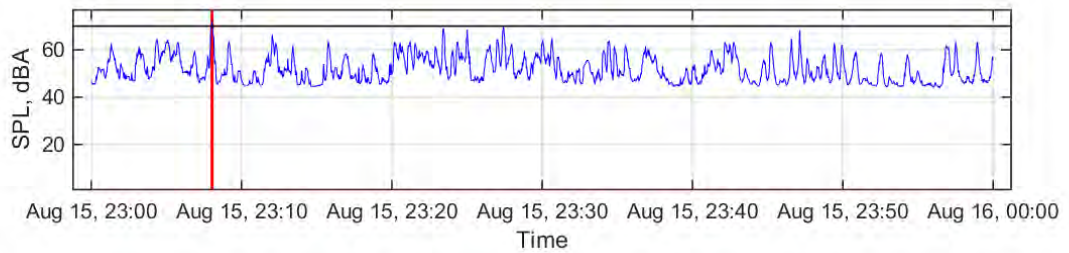
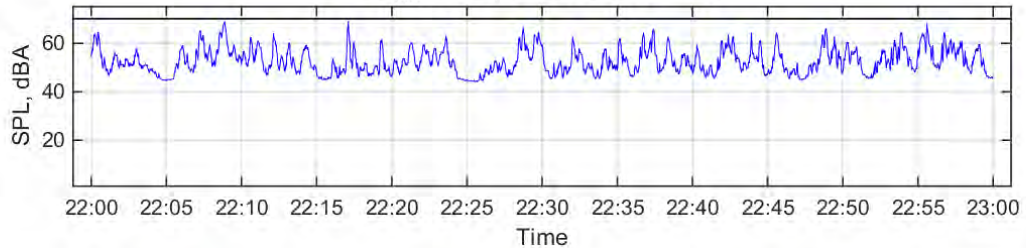


**Logger:** L19, 19 Ballina Road, Bangalow  
**Start Date:** 15/08/2016  
**Location:** Balcony



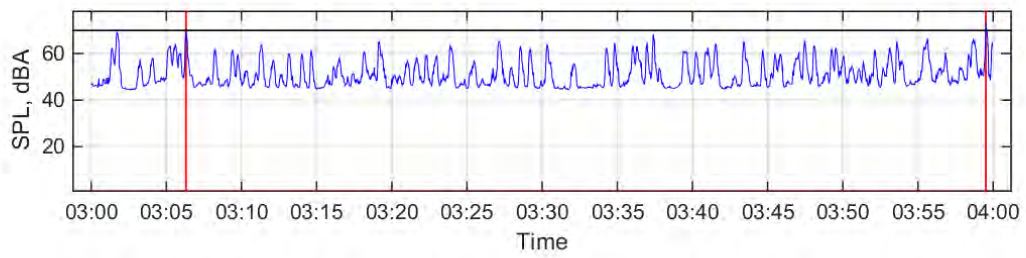
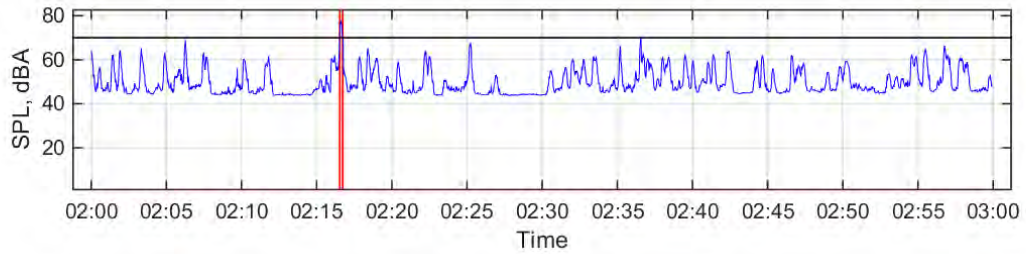
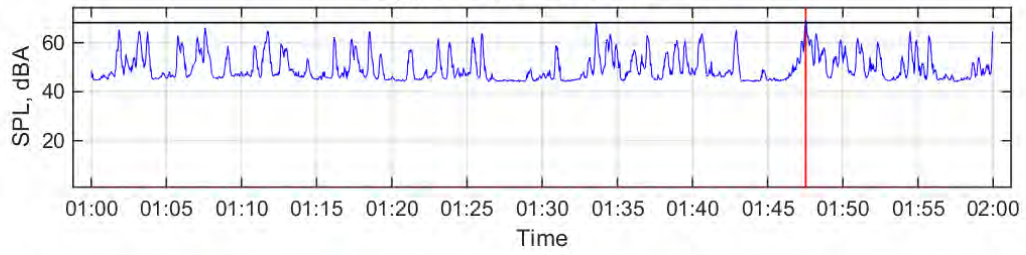
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	55.2	55.0	53.8	53.2	55.0	54.9	55.3	56.7	59.2
Event average L <sub>AMax</sub>		70.7	70.4	68.9	74.9	71.3	70.7		75.6
Number events	0	2	4	1	2	2	1	0	2

**Logger:L19, Start Date:15-08-16**

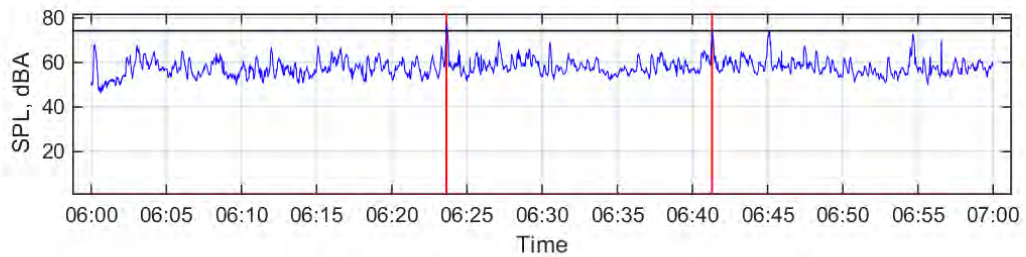
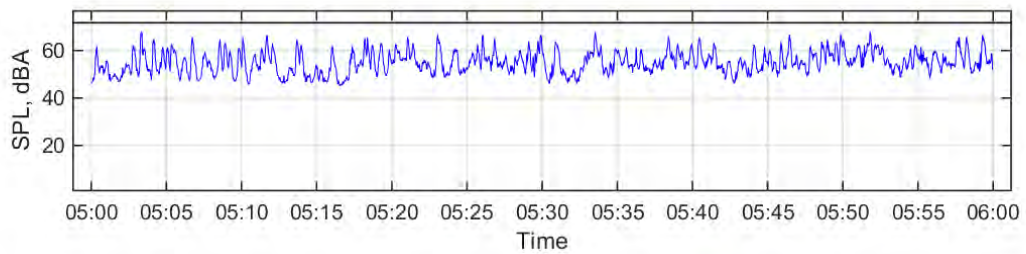
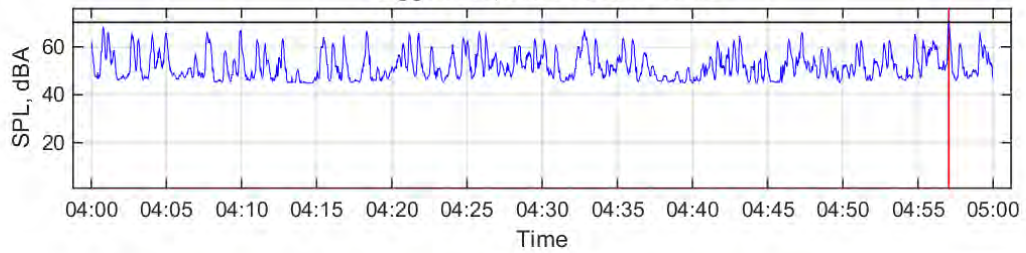




Logger:L19, Start Date:15-08-16



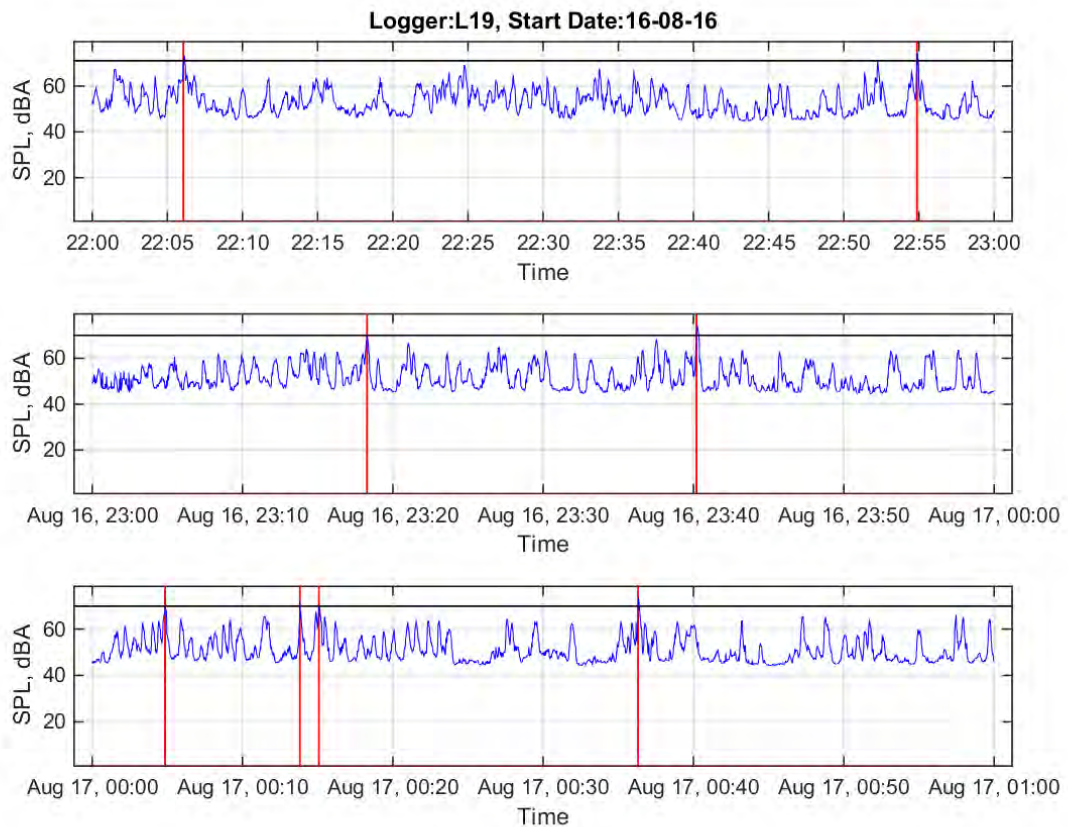
Logger:L19, Start Date:15-08-16



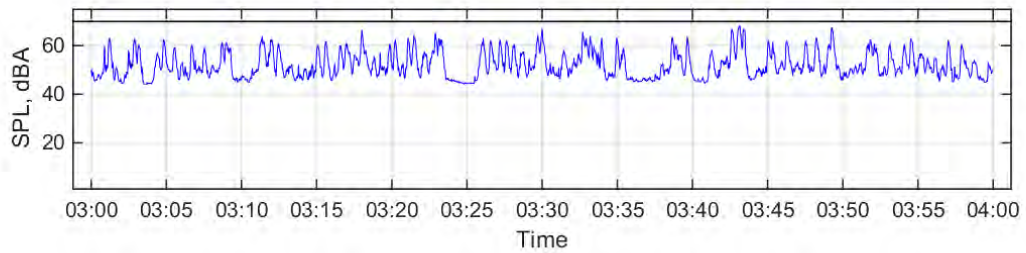
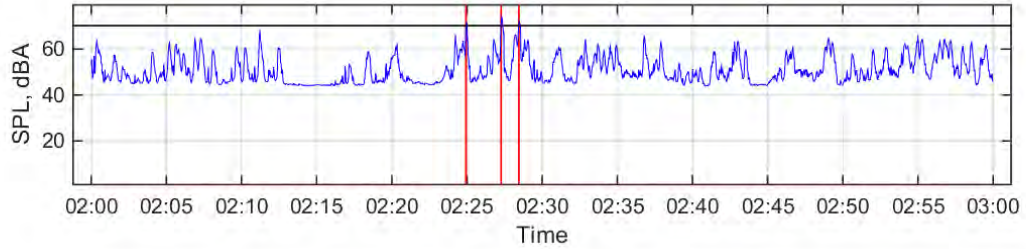
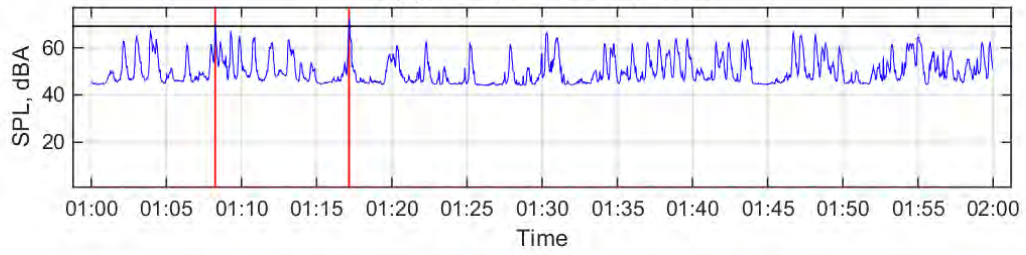
**Logger:** L19, 19 Ballina Road, Bangalow

**Start Date:** 16/08/2016

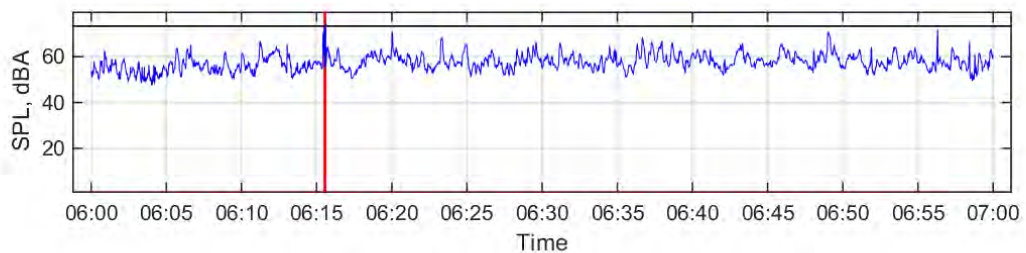
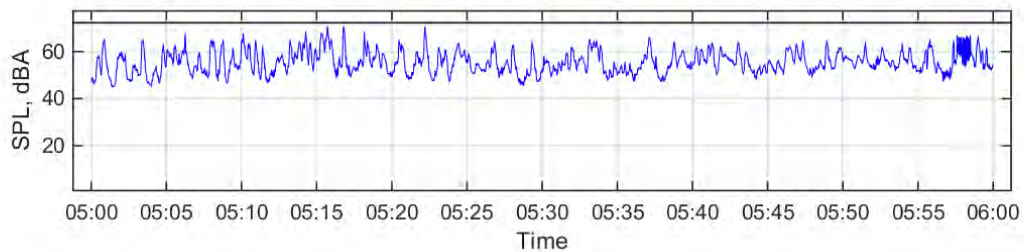
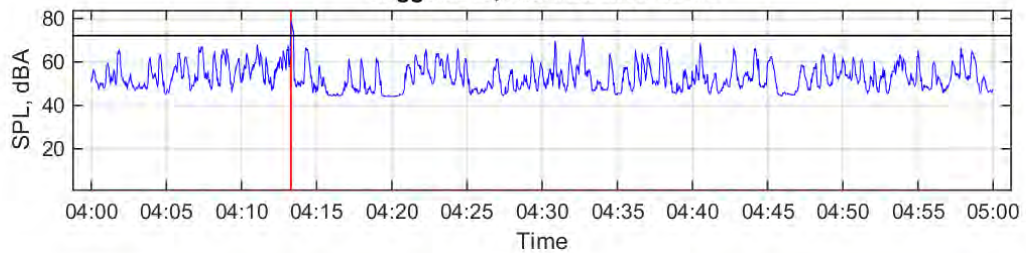
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	56.1	55.0	54.8	54.1	55.2	54.9	57.1	57.2	58.3
Event average L <sub>AMax</sub>	72.5	72.0	71.4	71.1	71.9		75.9		74.1
Number events	2	2	4	2	3	0	1	0	2



Logger:L19, Start Date:16-08-16



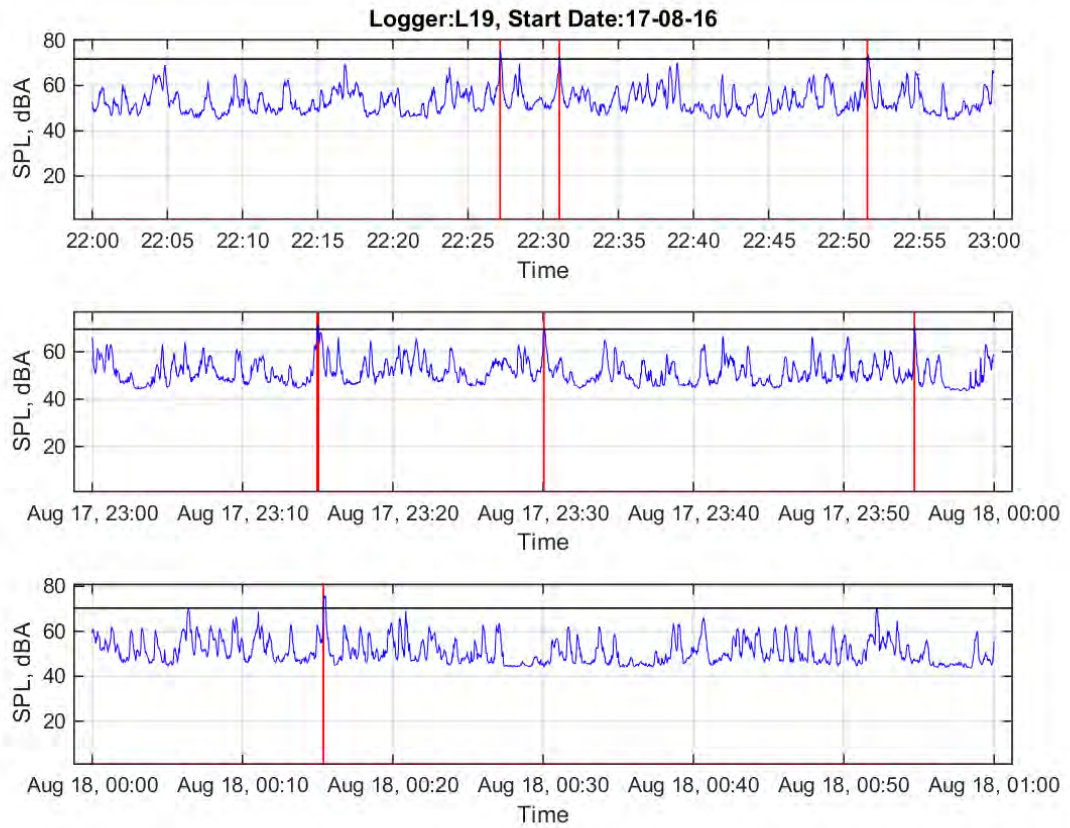
Logger:L19, Start Date:16-08-16



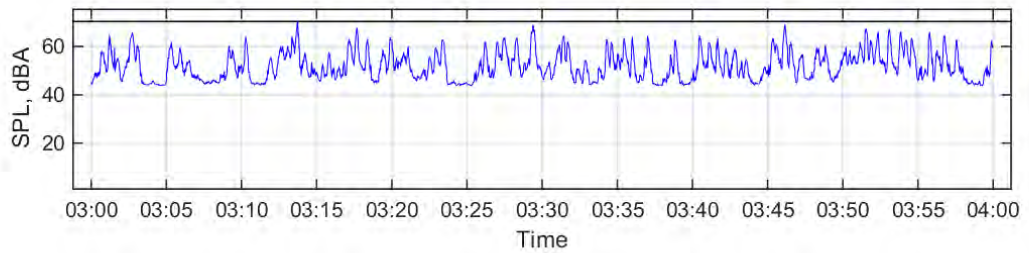
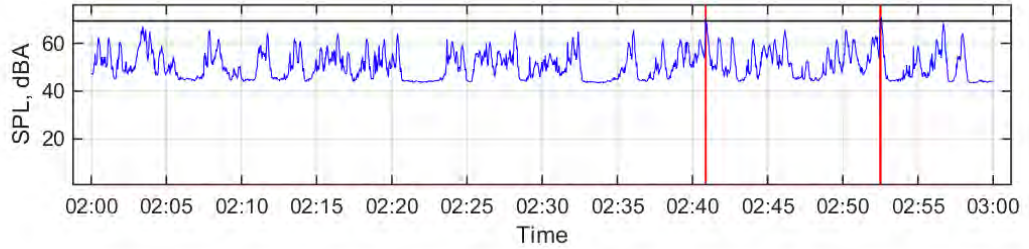
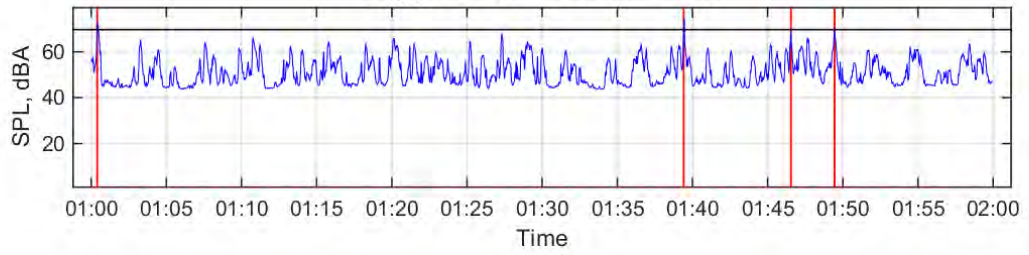
Logger: L19, 19 Ballina Road, Bangalow

Start Date: 17/08/2016

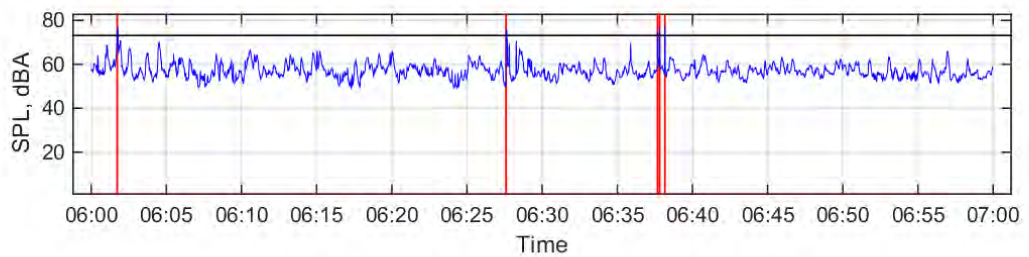
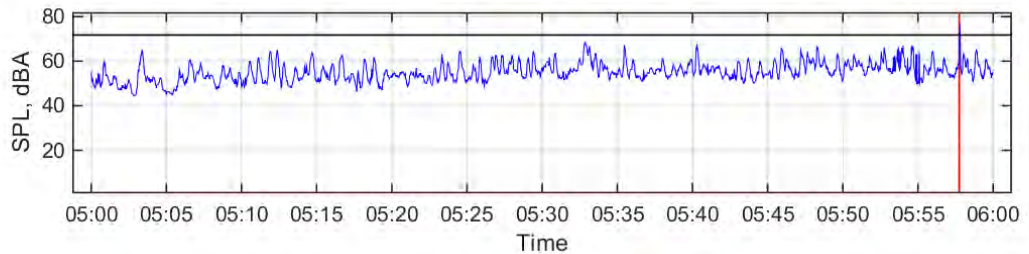
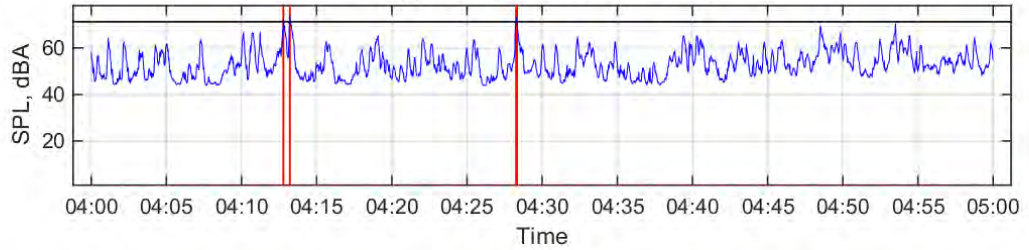
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	56.7	54.5	55.3	54.7	54.3	55.4	56.2	56.7	58.1
Event average L <sub>AMax</sub>	73.1	70.5	74.4	71.7	69.9		72.4	73.7	75.7
Number events	3	4	1	4	3	0	4	1	5



Logger:L19, Start Date:17-08-16



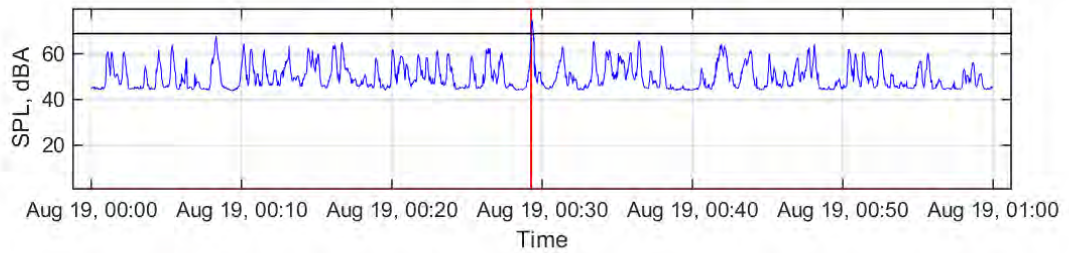
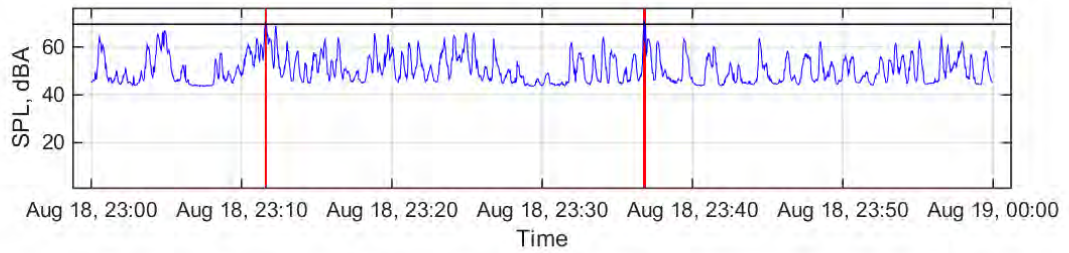
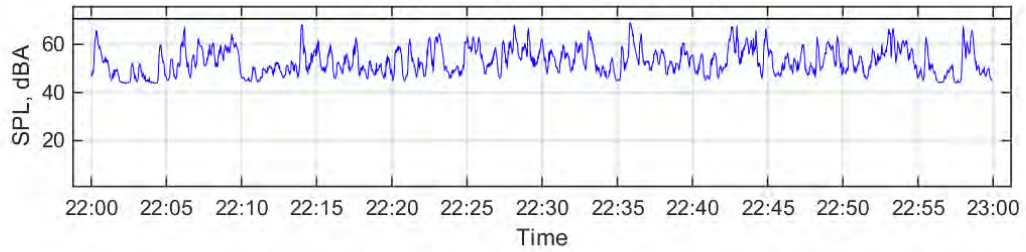
Logger:L19, Start Date:17-08-16



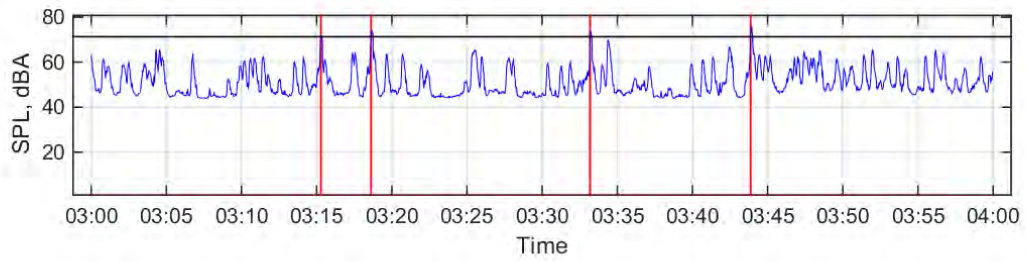
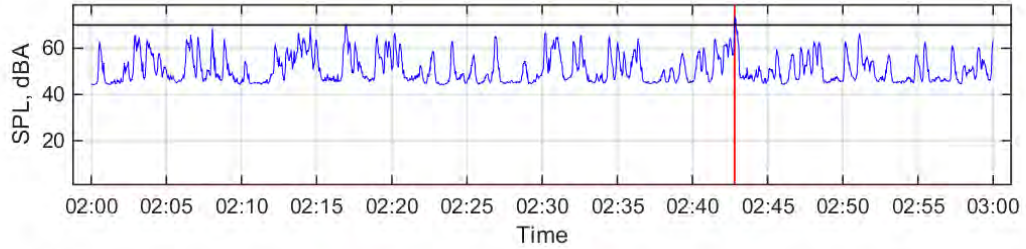
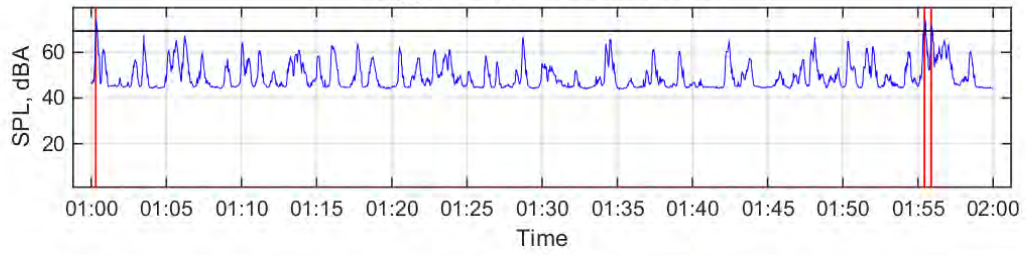
**Start Date:** 18/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	55.7	54.5	53.8	54.3	55.0	56.3	55.6	57.0	58.5
Event average L <sub>AMax</sub>		70.4	72.6	72.0	72.4	72.9	73.8		75.3
Number events	0	3	1	3	1	4	1	0	4

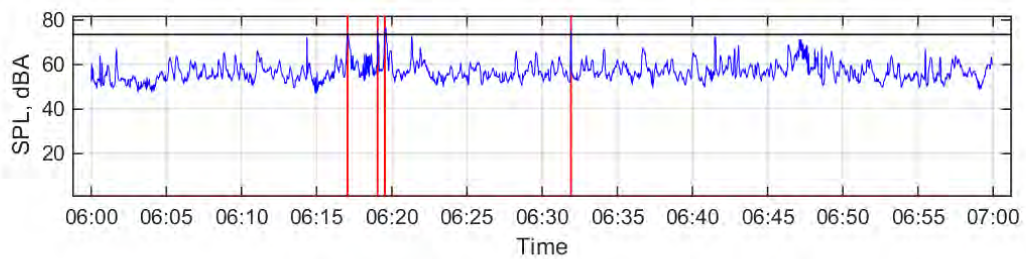
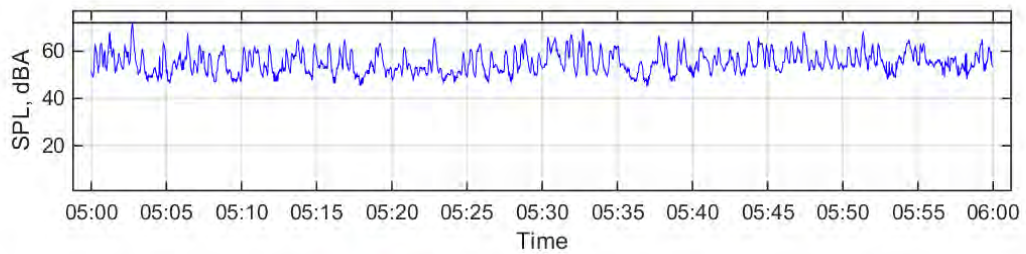
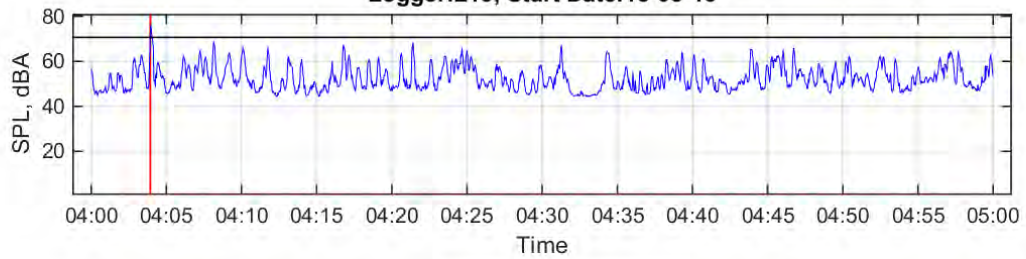
**Logger:L19, Start Date:18-08-16**



Logger:L19, Start Date:18-08-16



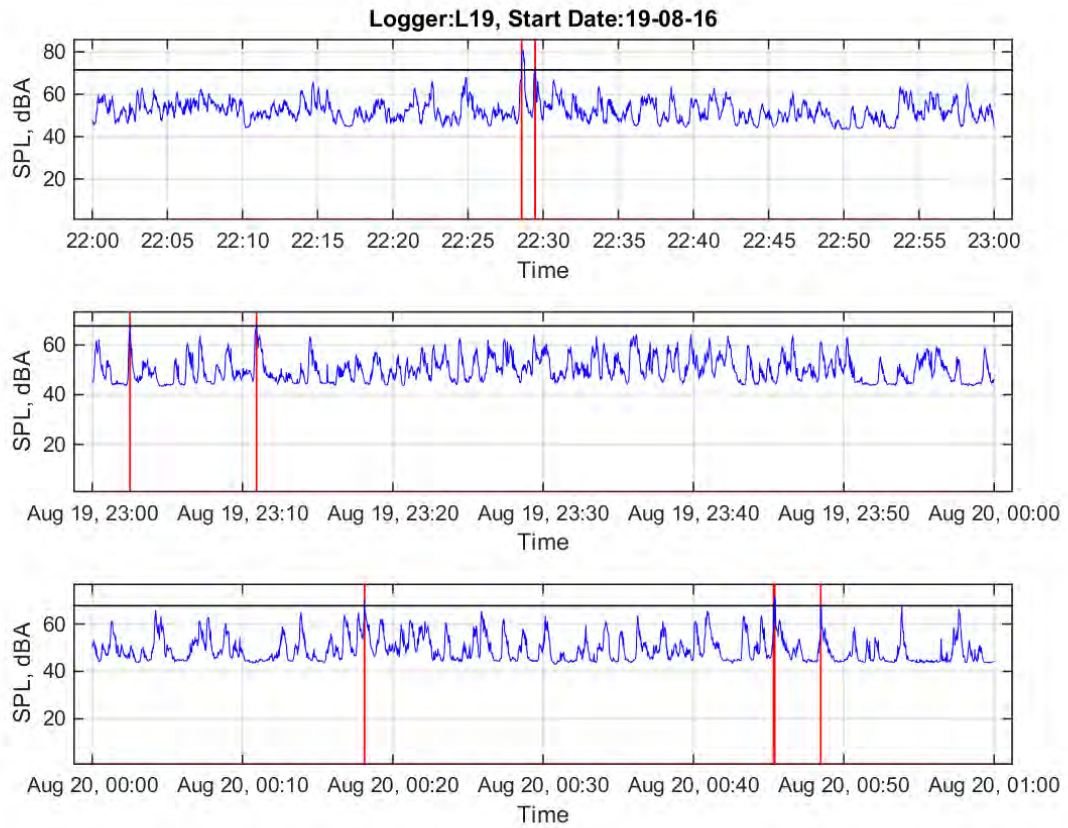
Logger:L19, Start Date:18-08-16



**Start Date:** 19/08/2016

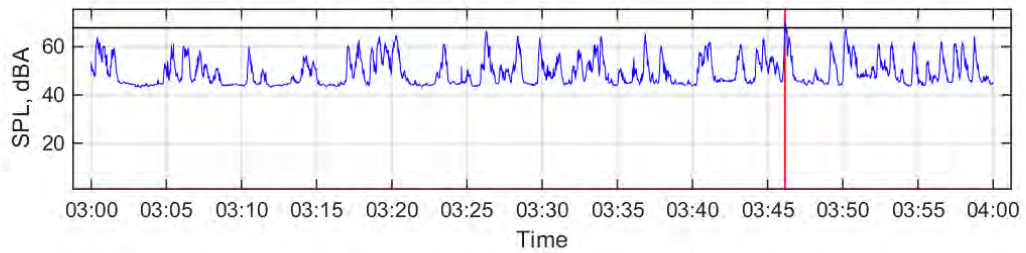
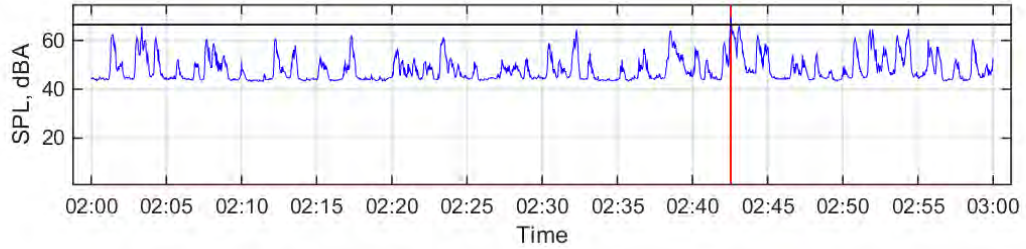
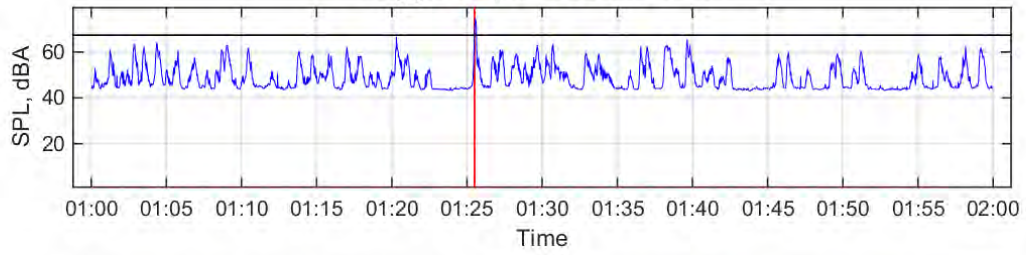
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	56.5	52.7	52.7	52.3	51.4	52.8	52.5	54.3	55.4
Event average L <sub>AMax</sub>	77.2	68.2	69.6	72.5	69.2	69.4	69.2	70.9	72.8
Number events	2	2	4	1	1	1	3	1	18 <sup>1</sup>

**Note:** Noise from birds contributed to the number of events

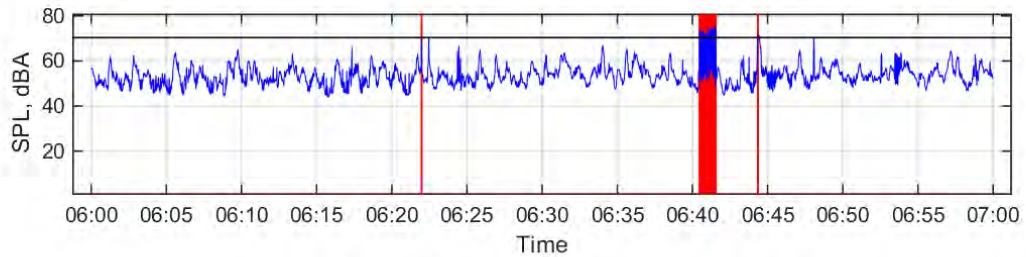
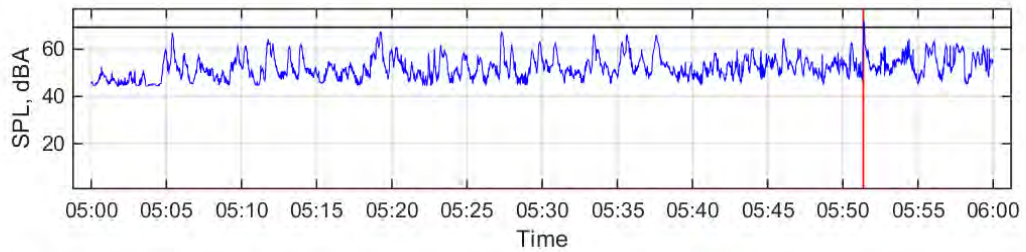
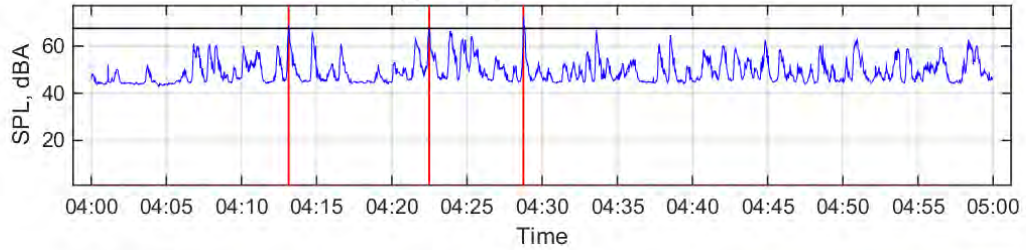




Logger:L19, Start Date:19-08-16



Logger:L19, Start Date:19-08-16

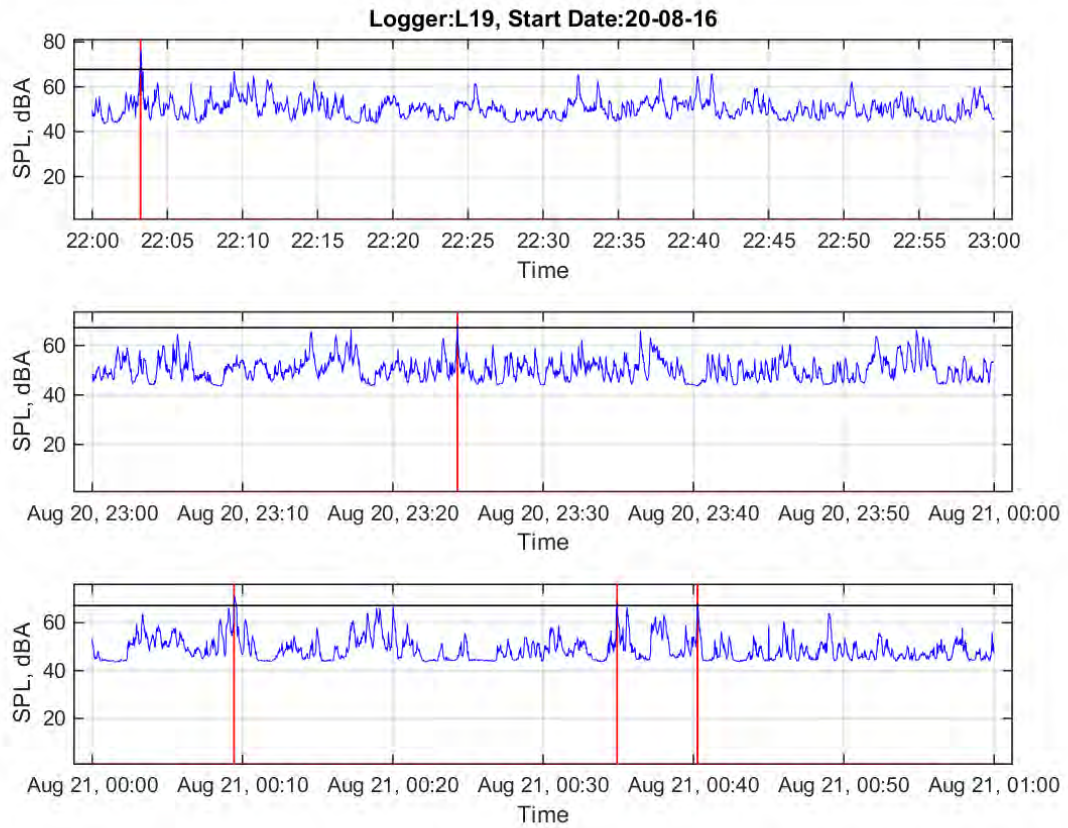


Logger: L19, 19 Ballina Road, Bangalow

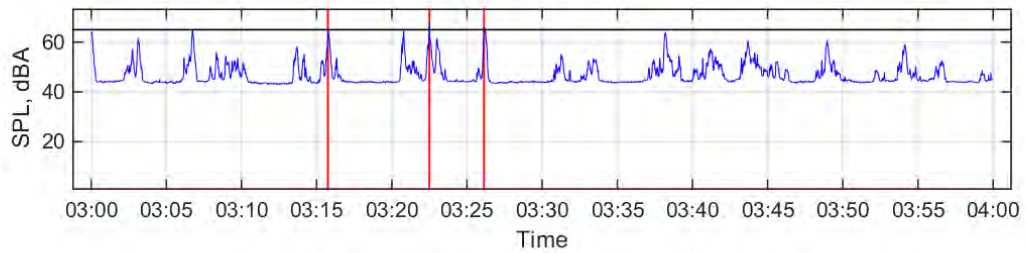
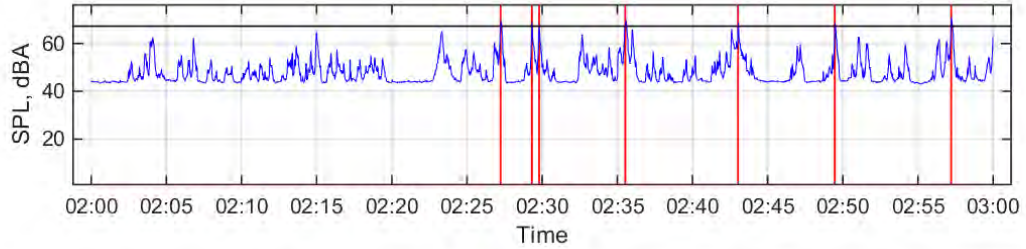
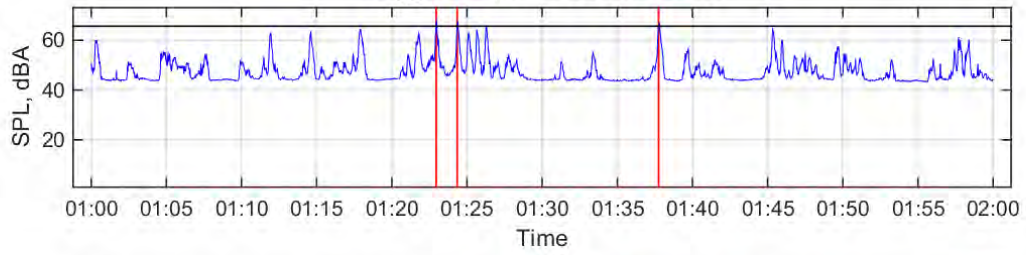
**Start Date:** 20/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	52.8	52.2	52.2	50.6	52.3	49.5	48.6	51.1	53.7
Event average L <sub>AMax</sub>	73.9	68.1	68.9	67.0	68.6	65.8	67.1	68.4	70.5
Number events	1	1	3	3	7	3	2	21 <sup>1</sup>	15 <sup>1</sup>

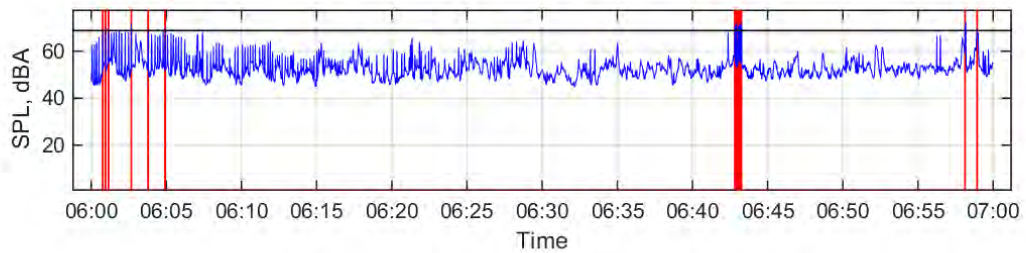
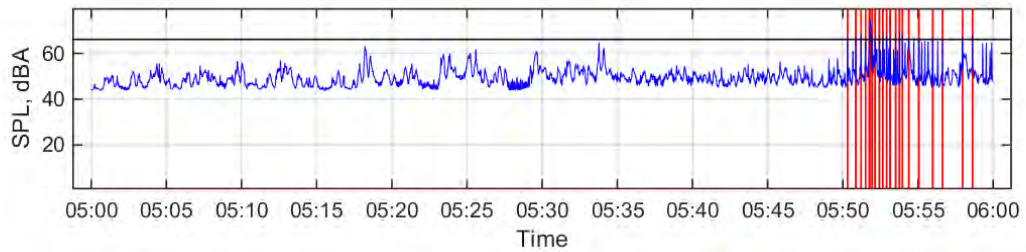
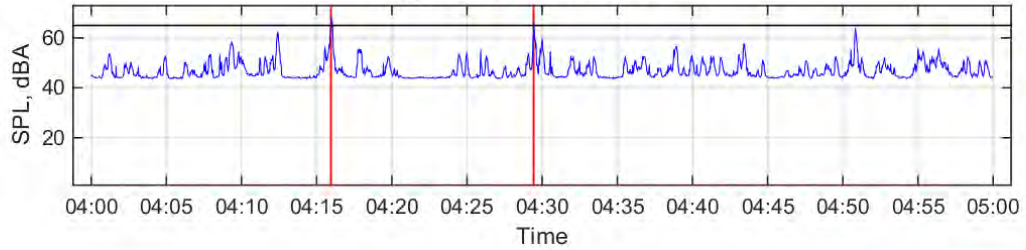
**Note:** Noise from birds contributed to the number of events



Logger:L19, Start Date:20-08-16



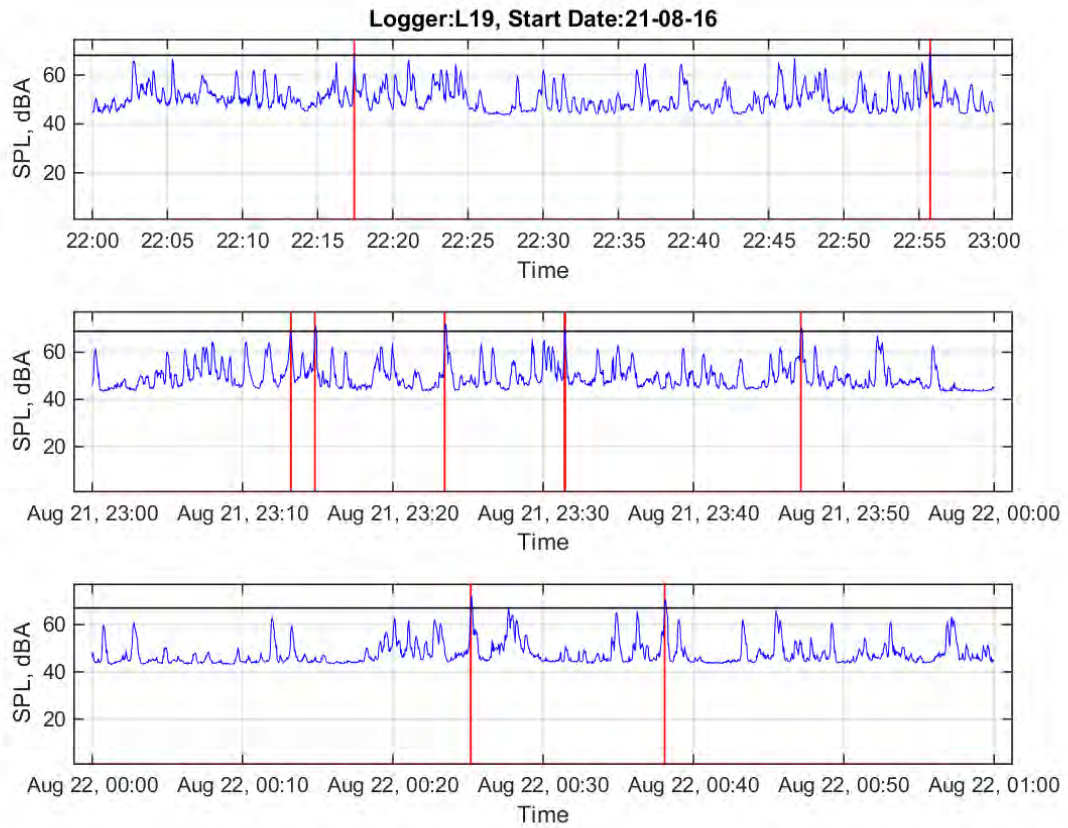
Logger:L19, Start Date:20-08-16



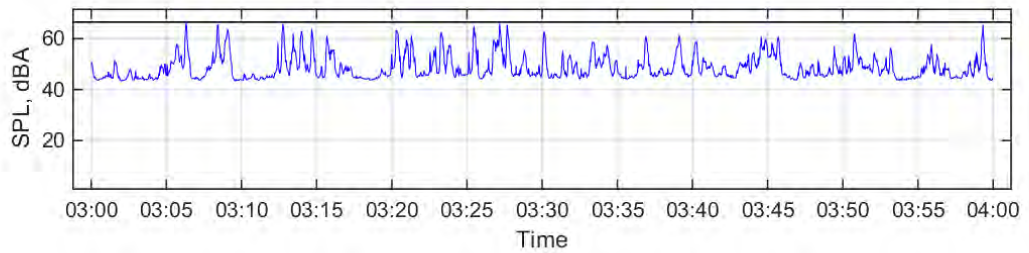
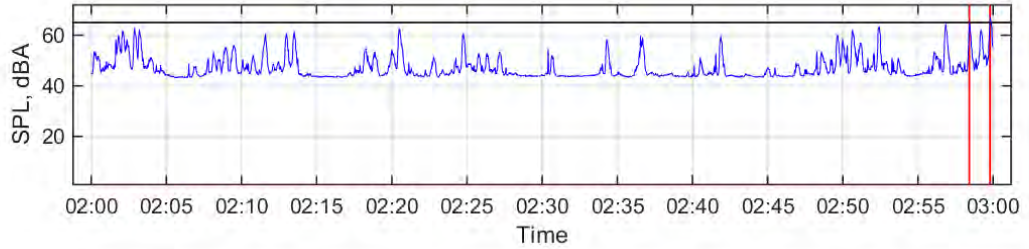
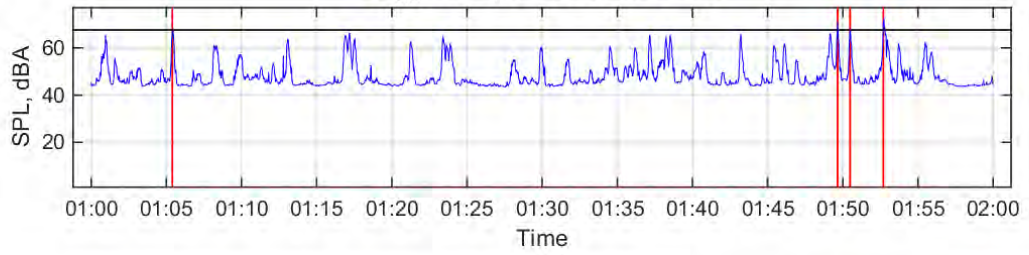
**Start Date:** 21/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	53.1	53.9	52.1	52.6	50.0	51.5	53.5	54.7	57.8
Event average L <sub>AMax</sub>	69.2	70.2	70.0	69.3	66.1		69.9		75.1
Number events	2	6	2	4	2	0	2	0	13 <sup>1</sup>

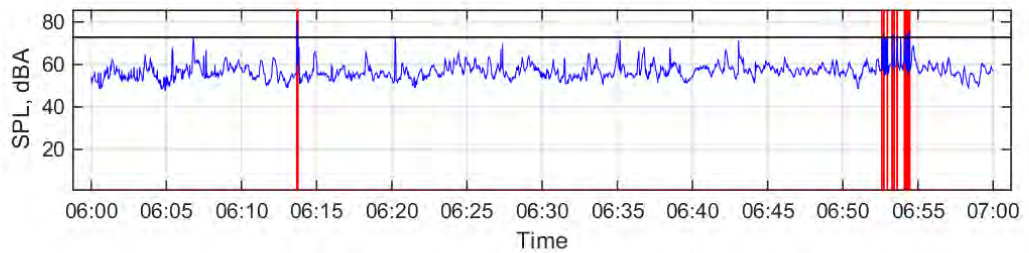
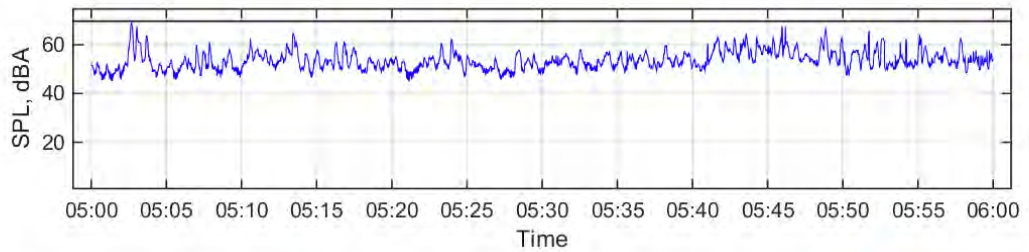
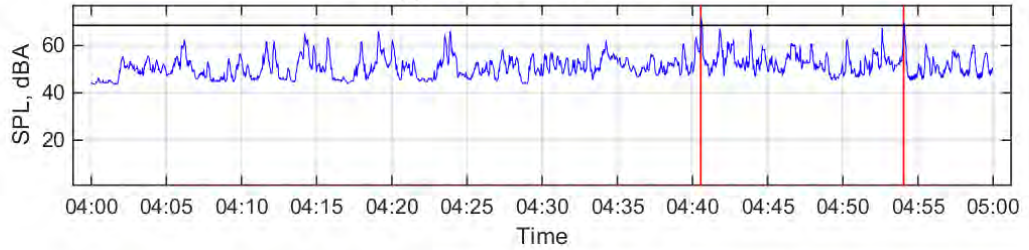
**Note:** Noise from birds contributed to the number of events



Logger:L19, Start Date:21-08-16



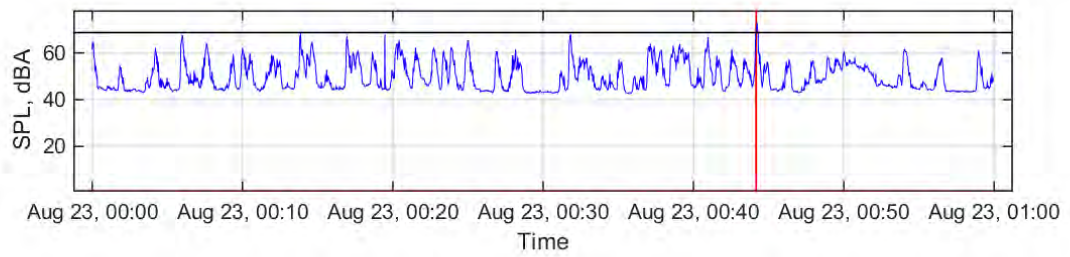
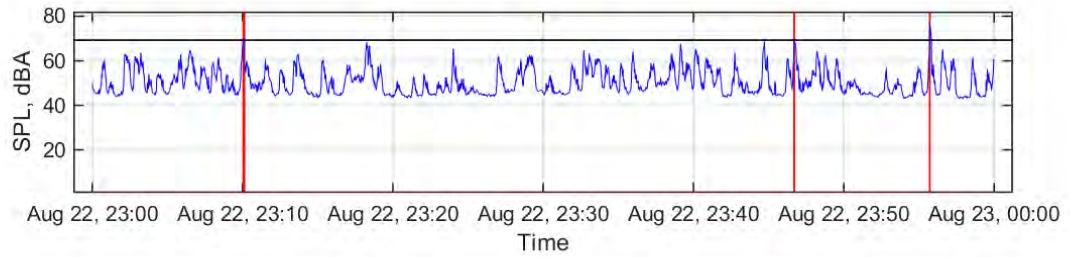
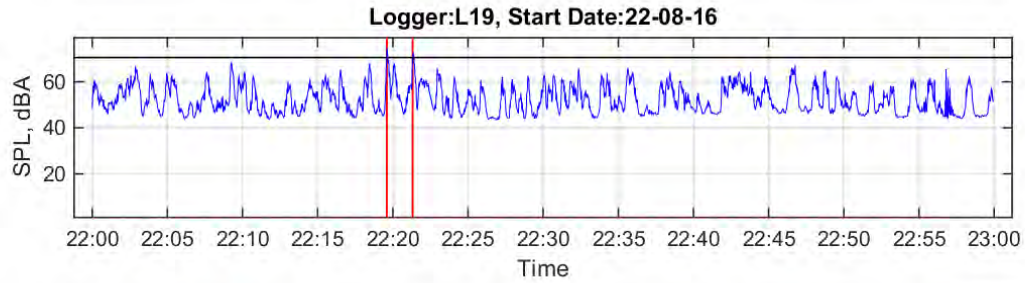
Logger:L19, Start Date:21-08-16



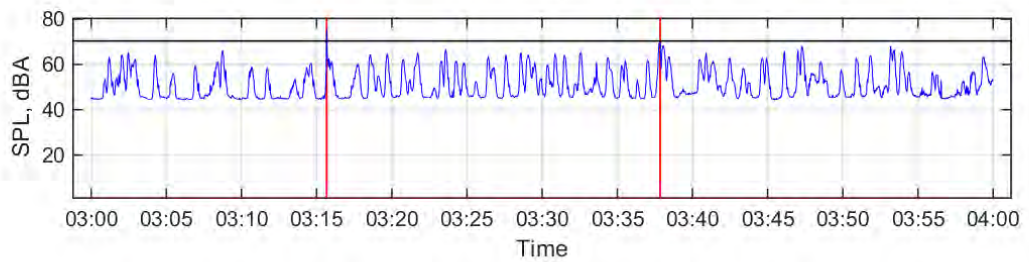
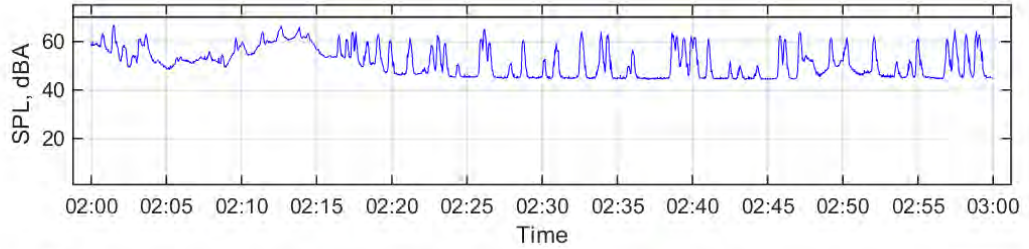
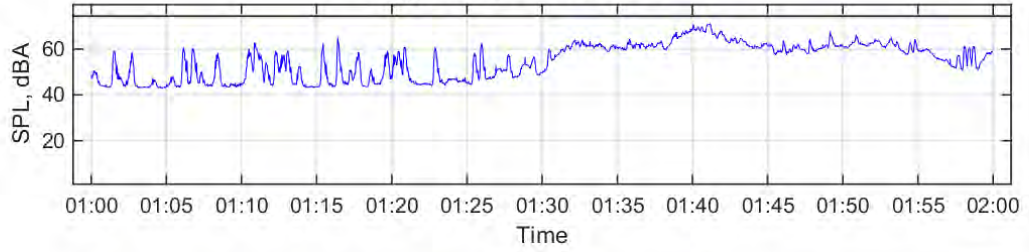
Logger: L19, 19 Ballina Road, Bangalow

**Start Date: 22/08/2016**

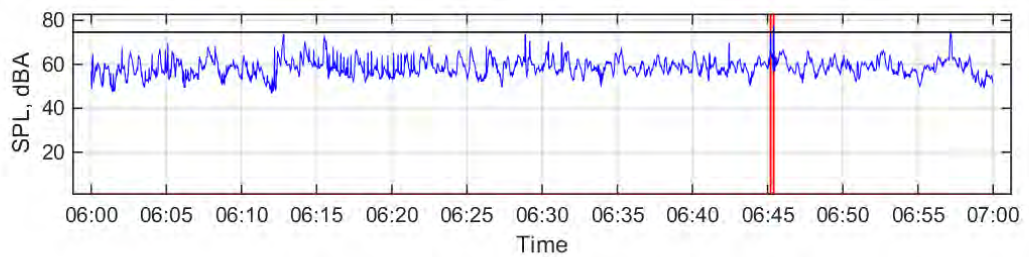
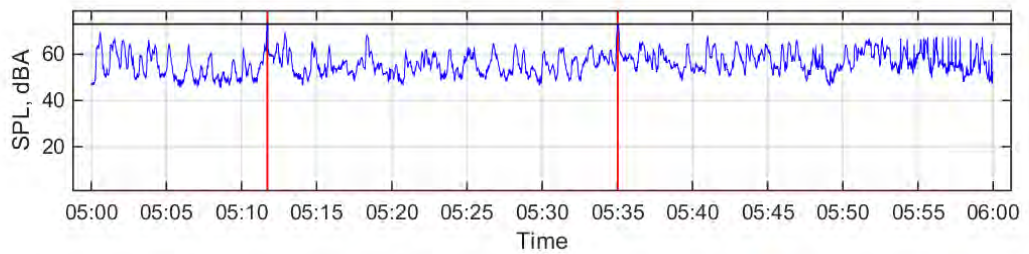
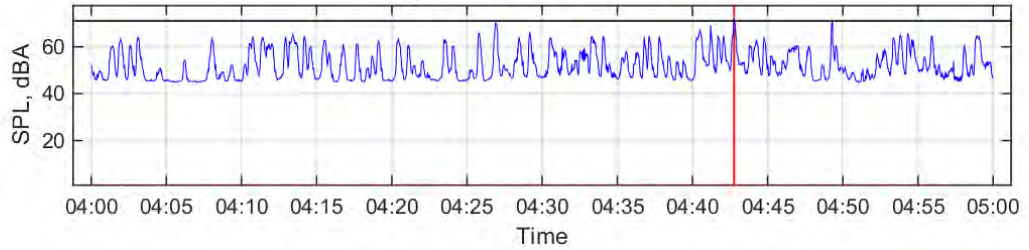
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	55.6	54.3	53.7	59.4	55.1	55.4	56.0	58.0	59.6
Event average L <sub>AMax</sub>	72.4	72.1	70.5			73.1	71.8	73.4	76.2
Number events	2	3	1	0	0	2	1	2	2



Logger:L19, Start Date:22-08-16



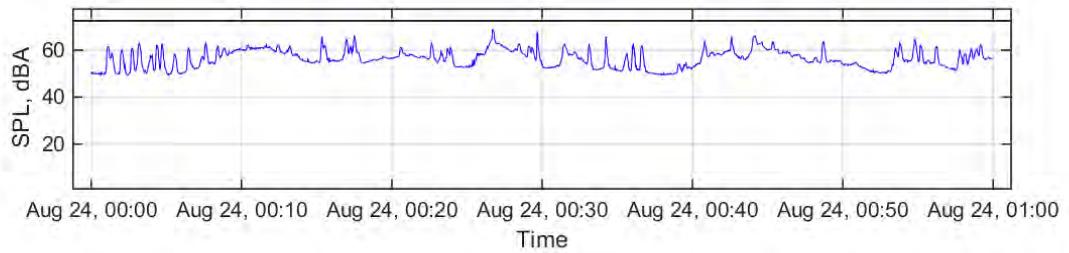
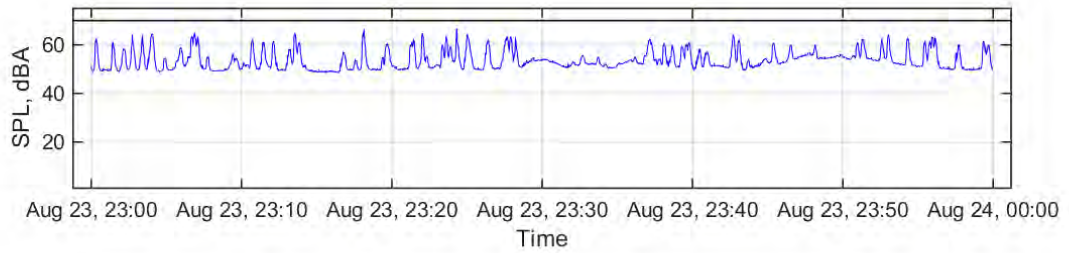
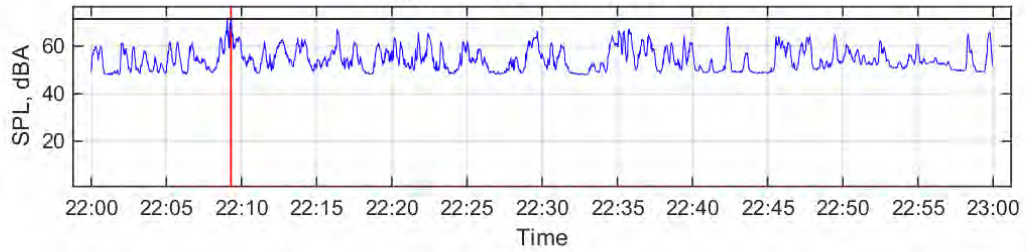
Logger:L19, Start Date:22-08-16



**Start Date:** 23/08/2016

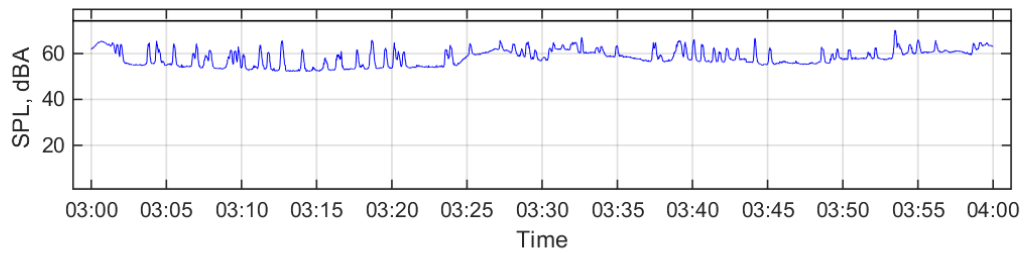
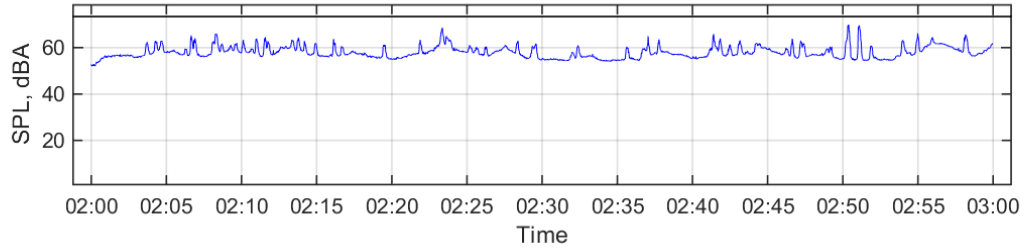
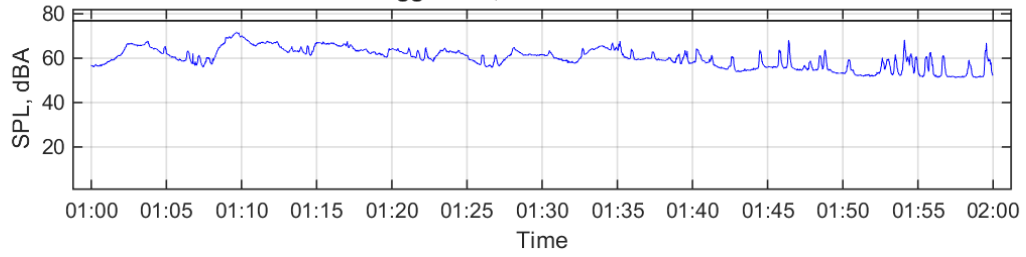
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	56.5	55.0	57.5	61.9	58.3	59.2	62.6	61.6	61.7
Event average L <sub>AMax</sub>	71.7								
Number events	1	0	0	0	0	0	0	0	0

**Logger:L19, Start Date:23-08-16**

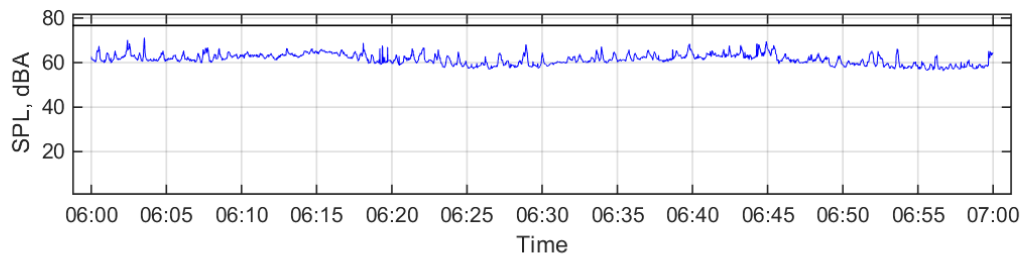
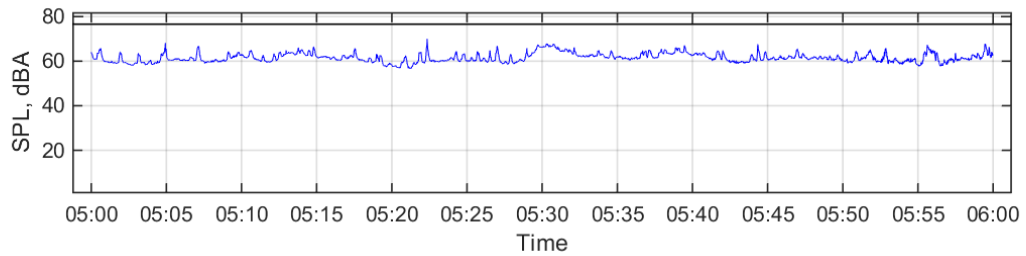
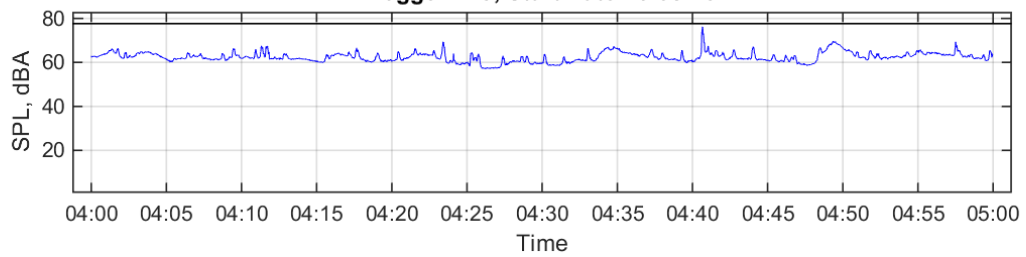




Logger:L19, Start Date:23-08-16

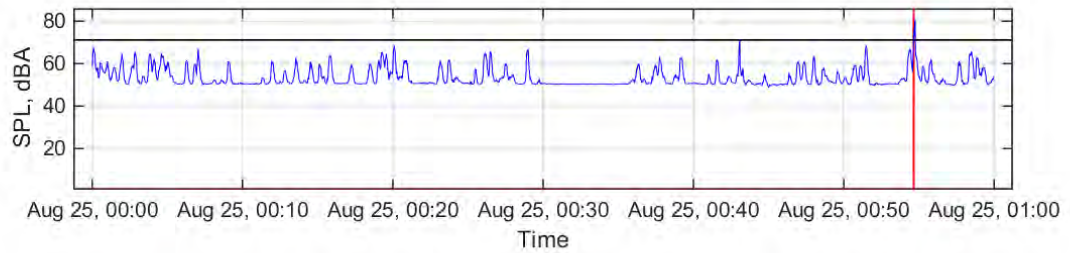
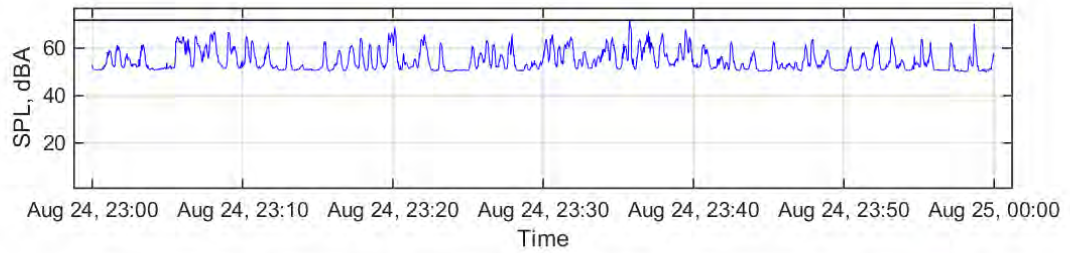
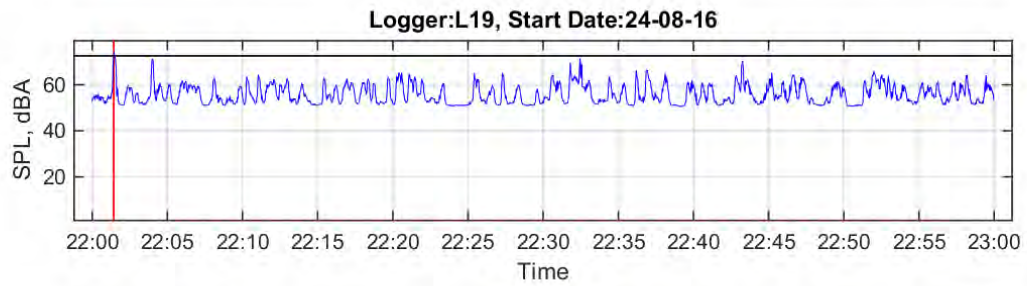


Logger:L19, Start Date:23-08-16

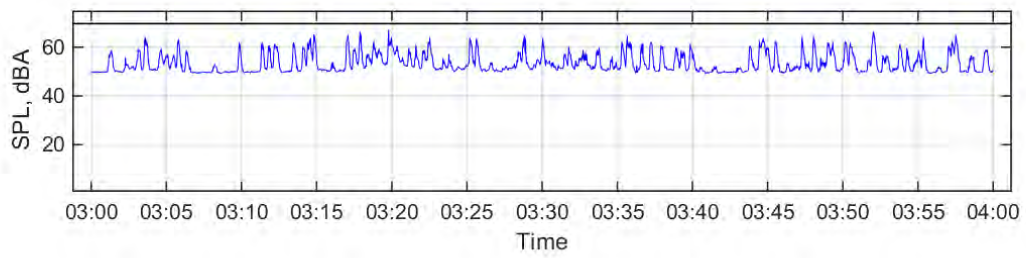
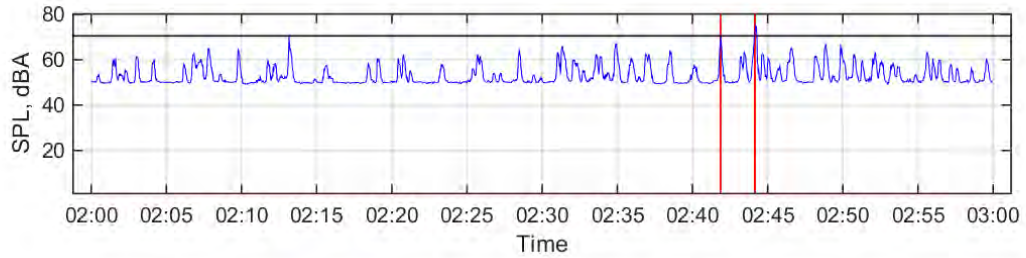
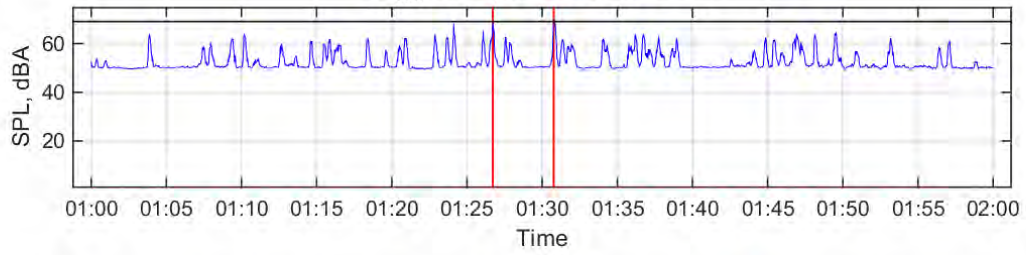


**Start Date: 24/08/2016**

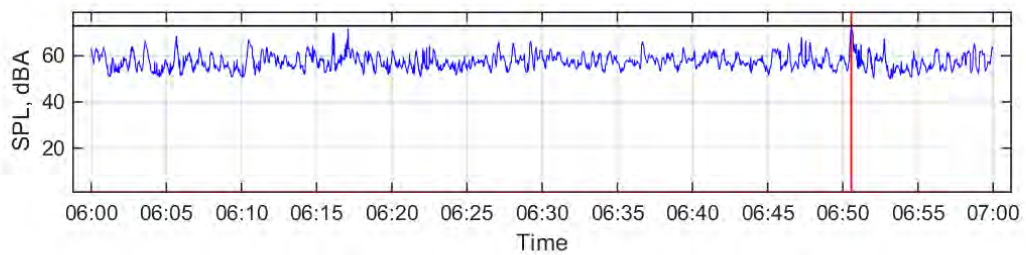
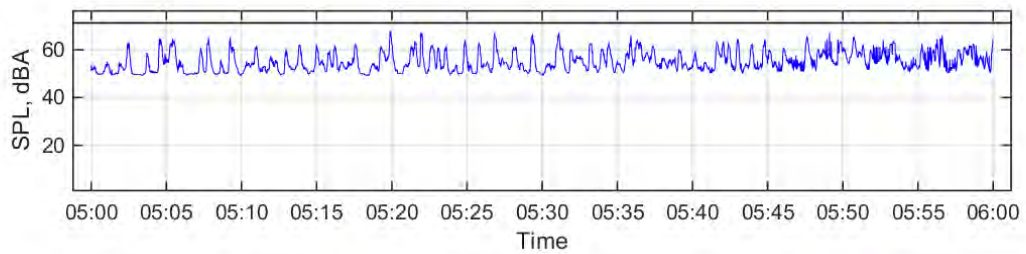
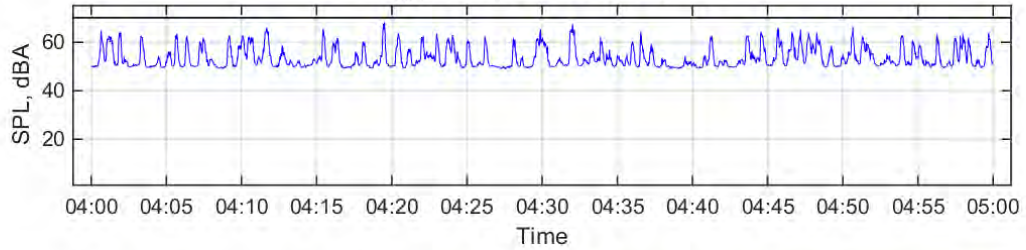
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	57.5	56.8	56.2	54.1	55.5	54.7	55.1	56.3	57.9
Event average L <sub>AMax</sub>	73.5		76.7	69.5	73.0				73.8
Number events	1	0	1	2	2	0	0	0	1



Logger:L19, Start Date:24-08-16



Logger:L19, Start Date:24-08-16

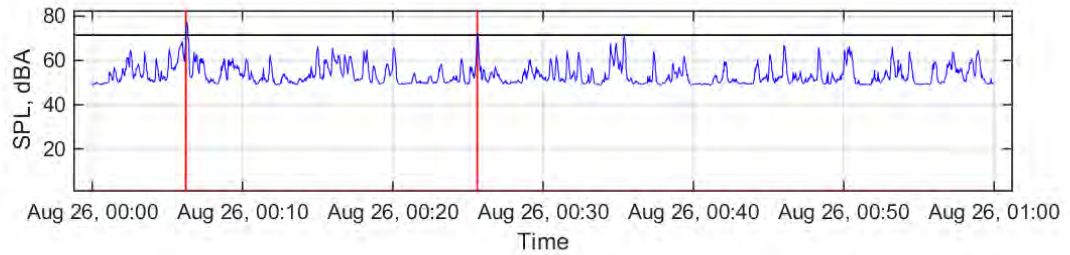
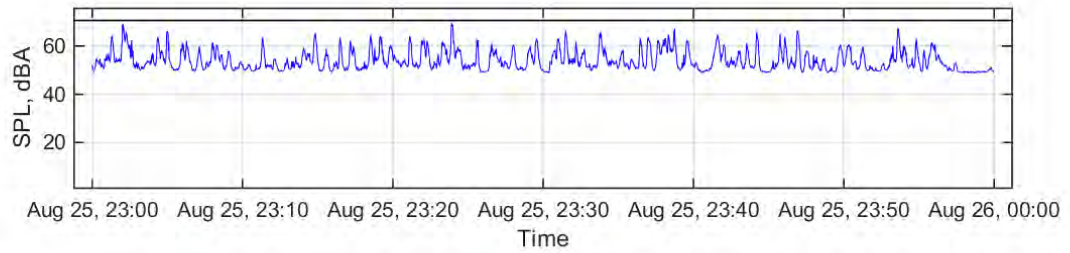
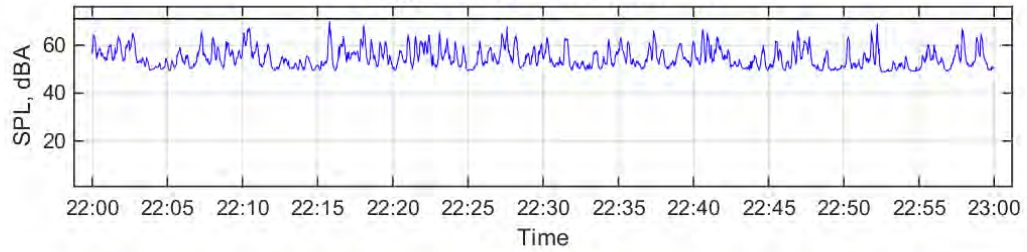


Logger: L19, 19 Ballina Road, Bangalow

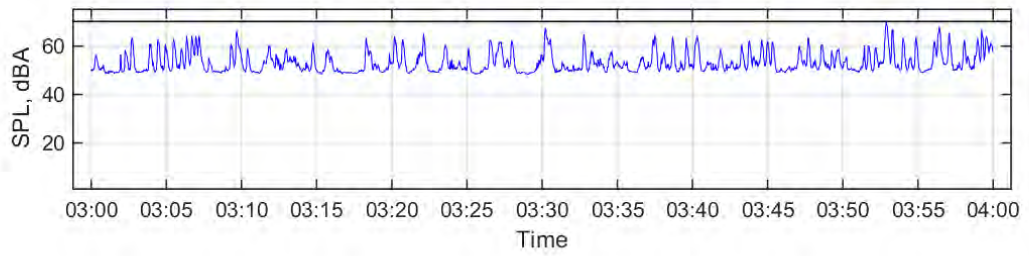
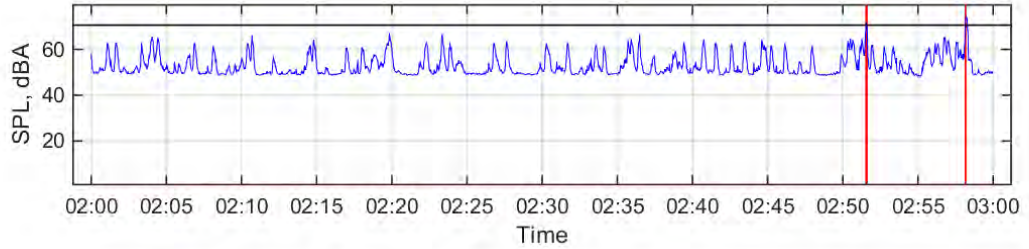
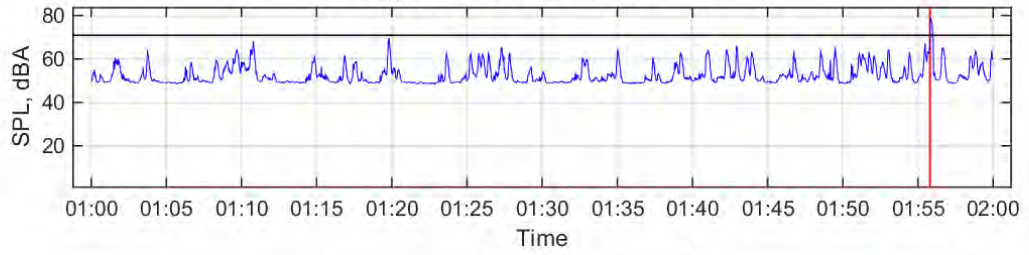
**Start Date: 25/08/2016**

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	56.1	55.6	56.5	55.9	55.6	55.1	56.9	58.0	59.8
Event average L <sub>AMax</sub>			74.9	76.1	73.0		73.8	74.4	75.3
Number events	0	0	2	1	3	0	2	1	3

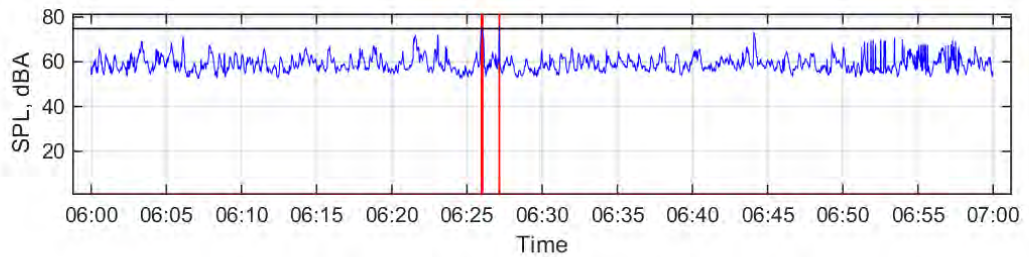
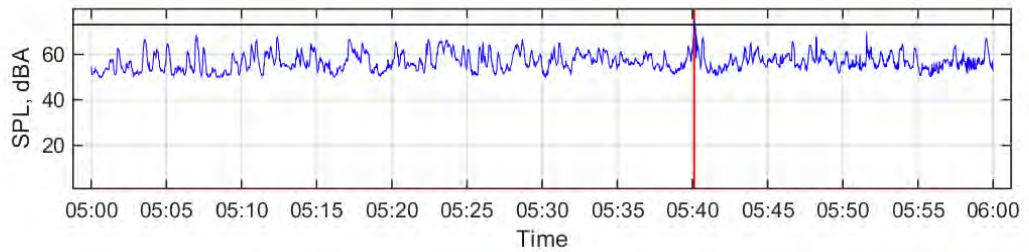
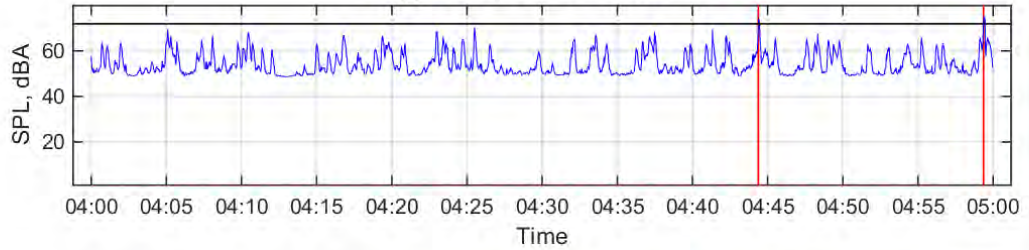
**Logger:L19, Start Date:25-08-16**



Logger:L19, Start Date:25-08-16



Logger:L19, Start Date:25-08-16



**Logger:** L21, 84 Hinterland Way, Tintenbar

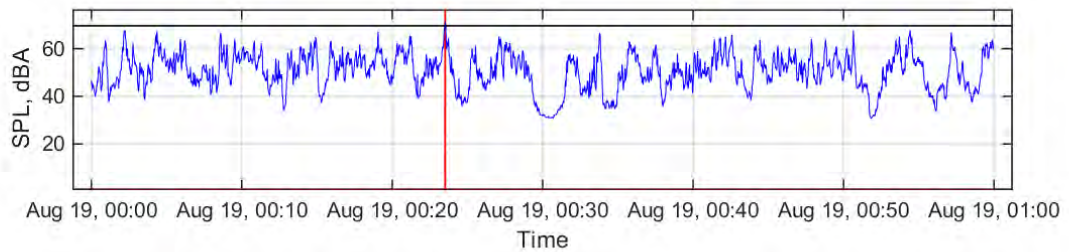
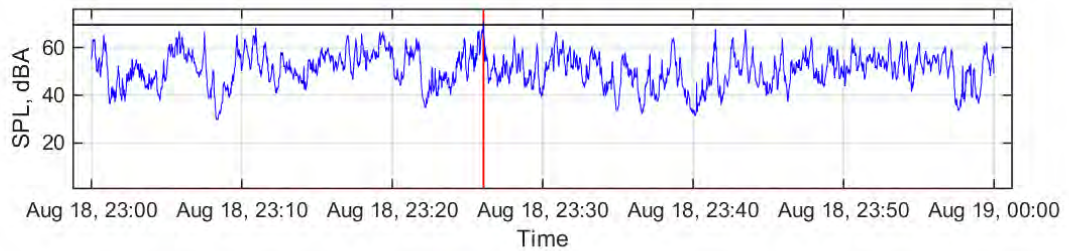
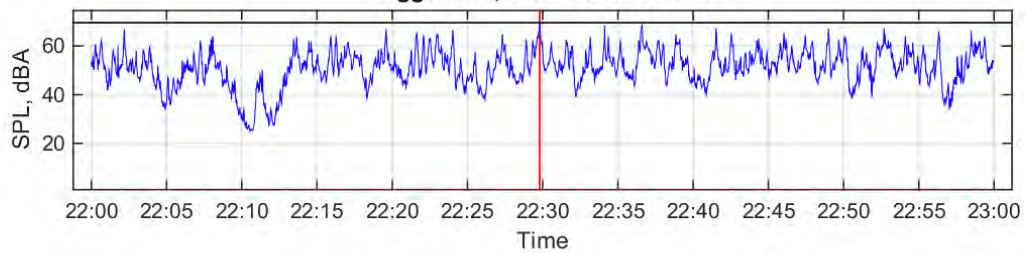
**Start Date:** 18/08/2016

**Location:** Free field

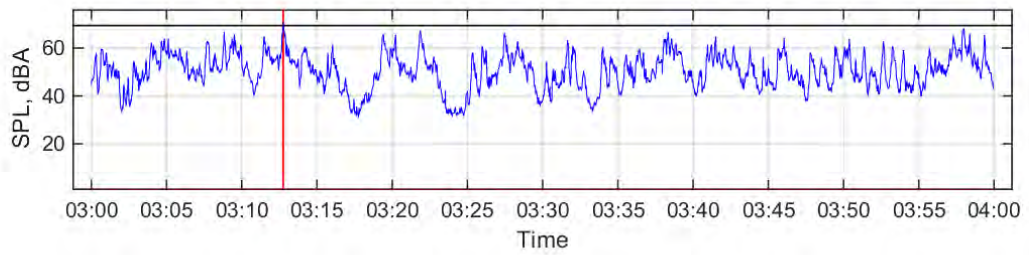
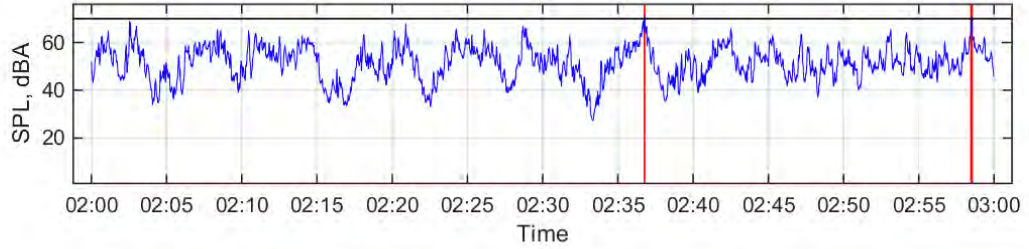
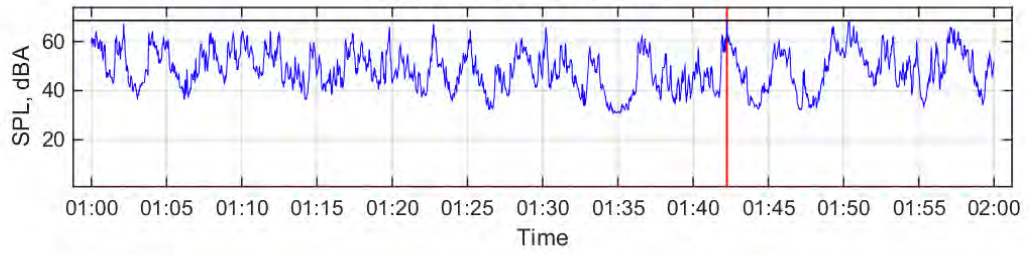


	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	54.6	54.5	54.6	53.5	55.0	54.4	54.4	55.4	57.4
Event average L <sub>AMax</sub>	69.6	70.5	70.9	68.8	70.5	70.7			74.6
Number events	1	1	1	1	3	1	0	0	4

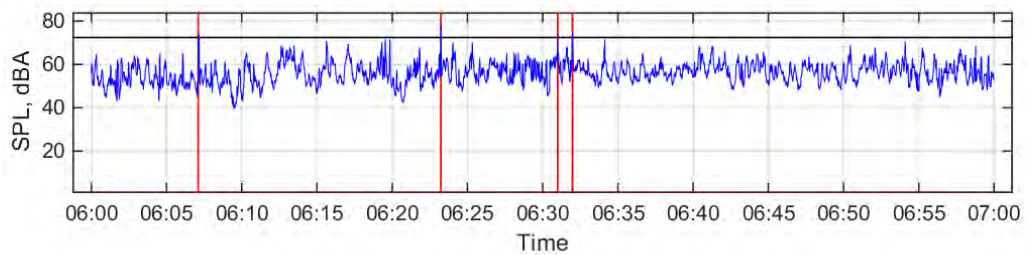
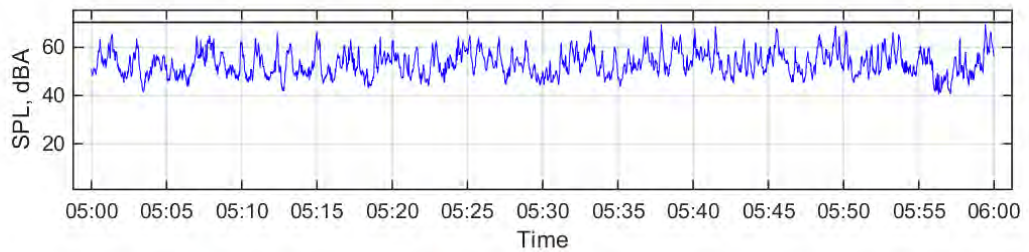
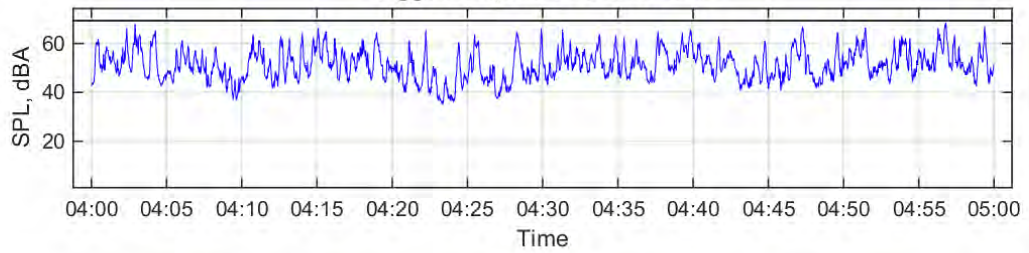
**Logger:L21, Start Date:18-08-16**



Logger:L21, Start Date:18-08-16



Logger:L21, Start Date:18-08-16

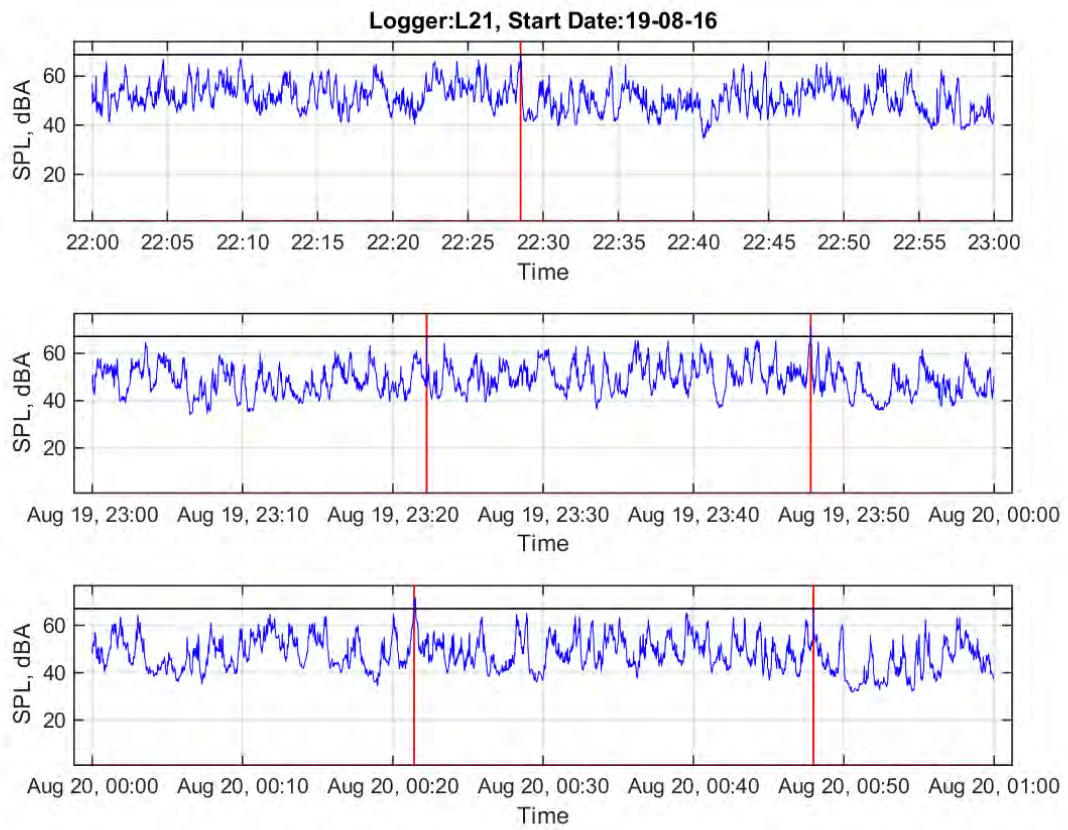


Logger: L21, 84 Hinterland Way, Tintenbar

**Start Date:** 19/08/2016

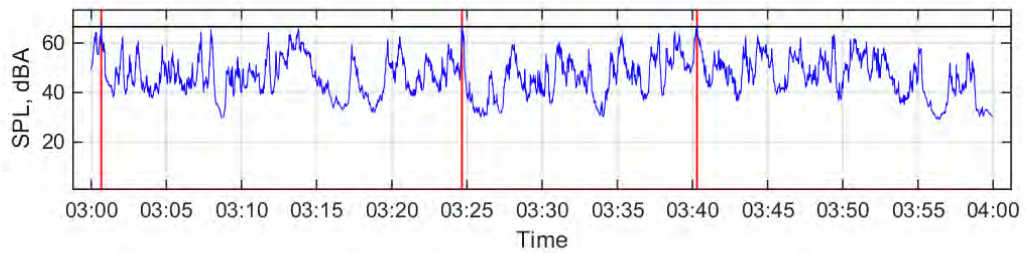
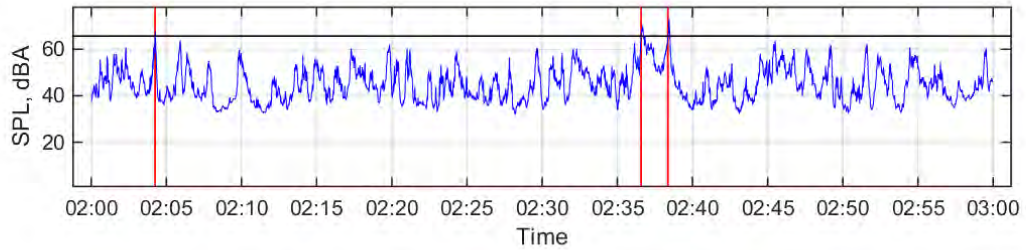
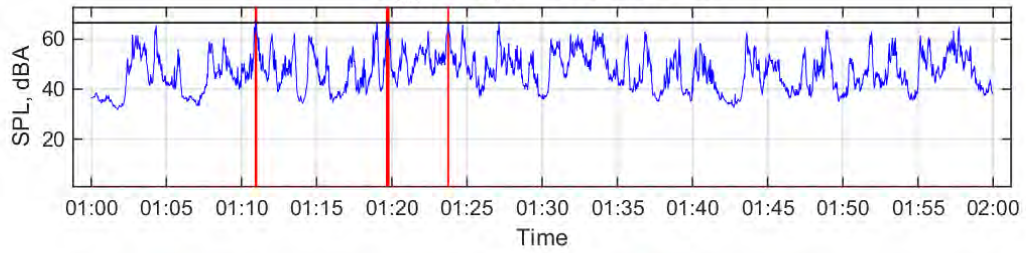
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	53.7	52.2	52.0	51.6	50.7	51.6	51.7	53.5	54.6
Event average L <sub>AMax</sub>	69.1	69.7	69.5	66.9	68.2	67.6	68.9	70.1	71.3
Number events	1	2	2	5	3	3	3	5 <sup>1</sup>	12 <sup>1</sup>

**Note:** Noise from birds contributed to the number of events

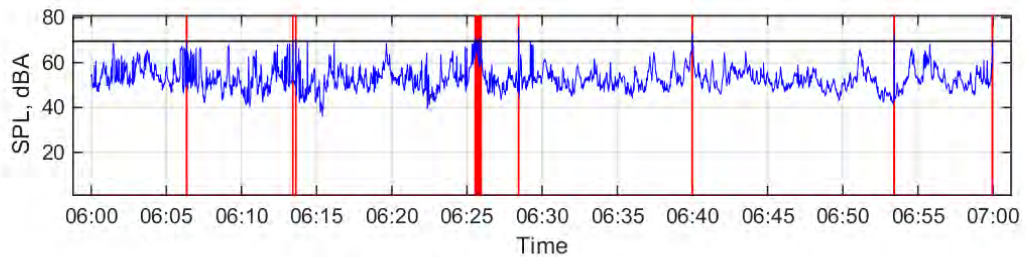
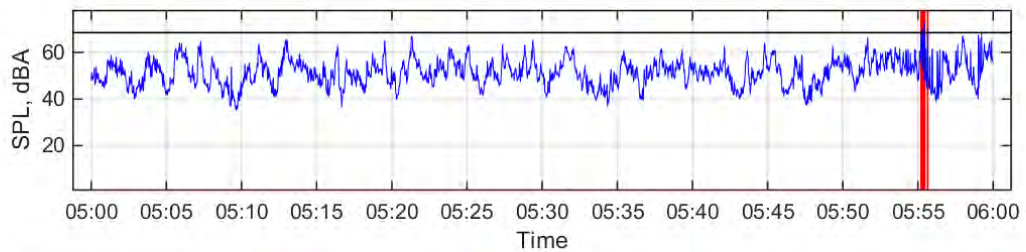
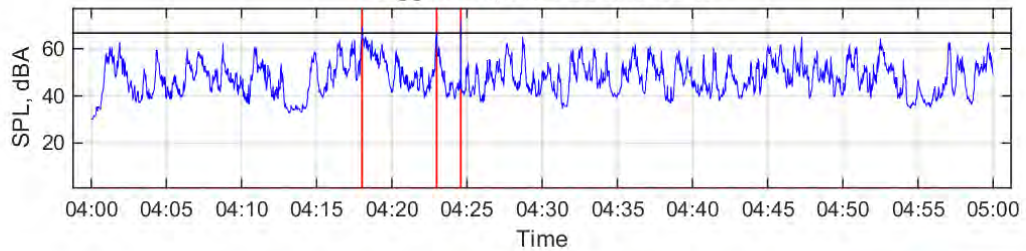




Logger:L21, Start Date:19-08-16



Logger:L21, Start Date:19-08-16

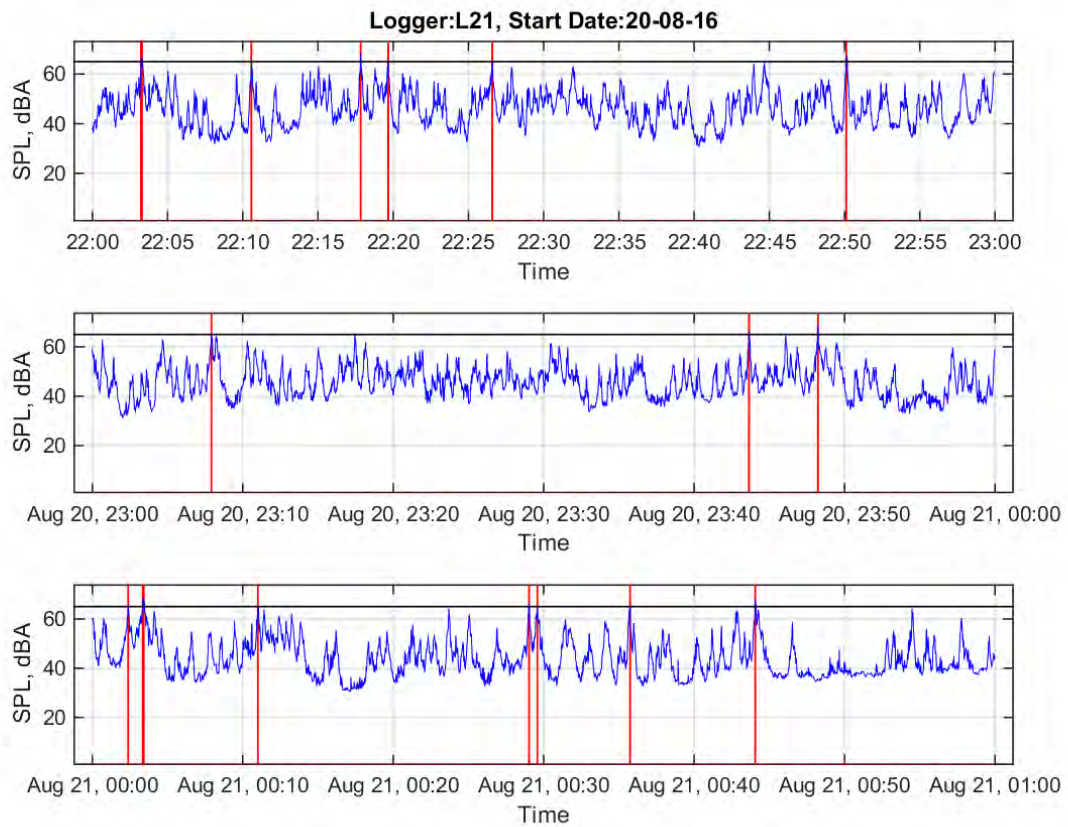


Logger: L21, 84 Hinterland Way, Tintenbar

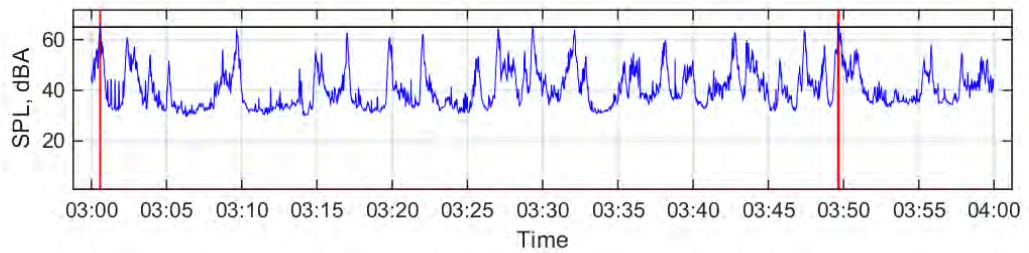
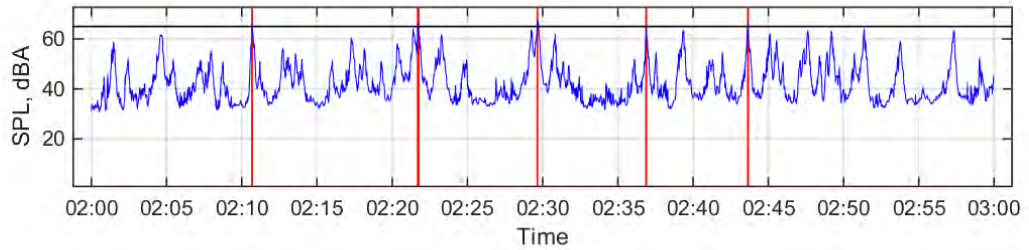
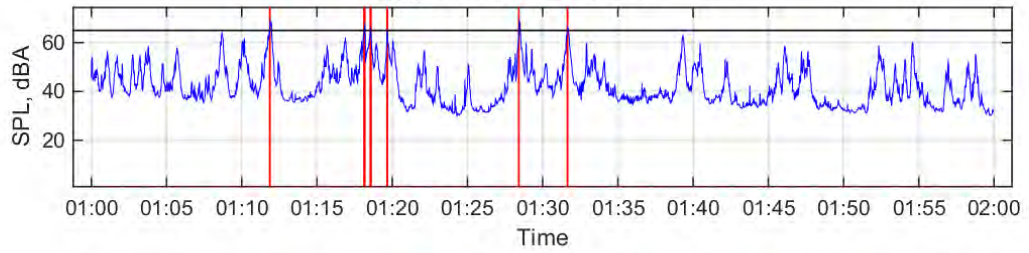
**Start Date:** 20/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	50.0	49.4	50.0	49.7	49.1	47.7	48.0	50.6	53.9
Event average L <sub>AMax</sub>	66.3	66.4	66.6	67.0	66.3	65.9	66.3	67.1	72.0
Number events	7	3	8	8	6	3	1	10 <sup>1</sup>	9 <sup>1</sup>

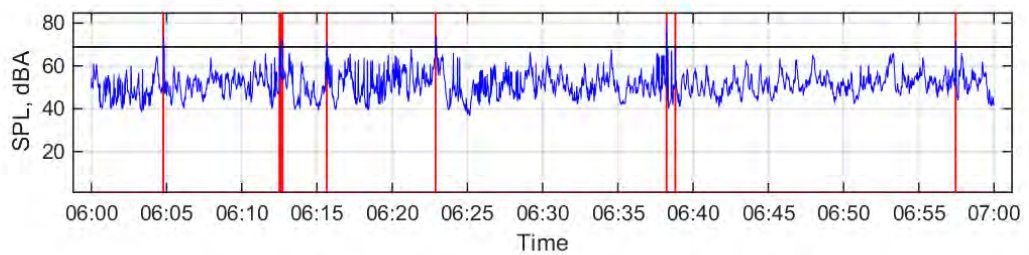
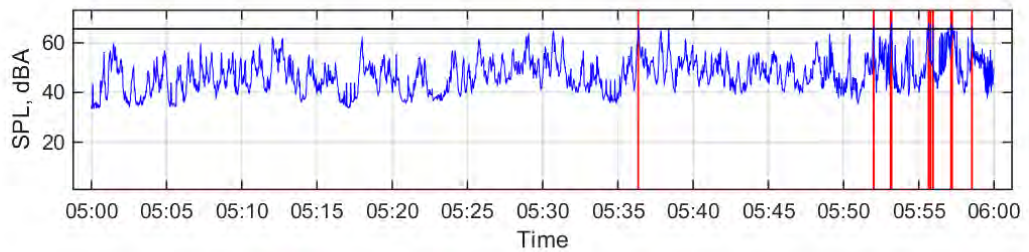
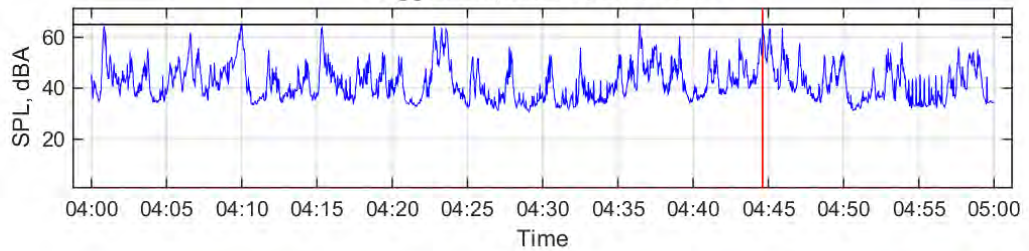
**Note:** Noise from birds contributed to the number of events



Logger:L21, Start Date:20-08-16



Logger:L21, Start Date:20-08-16

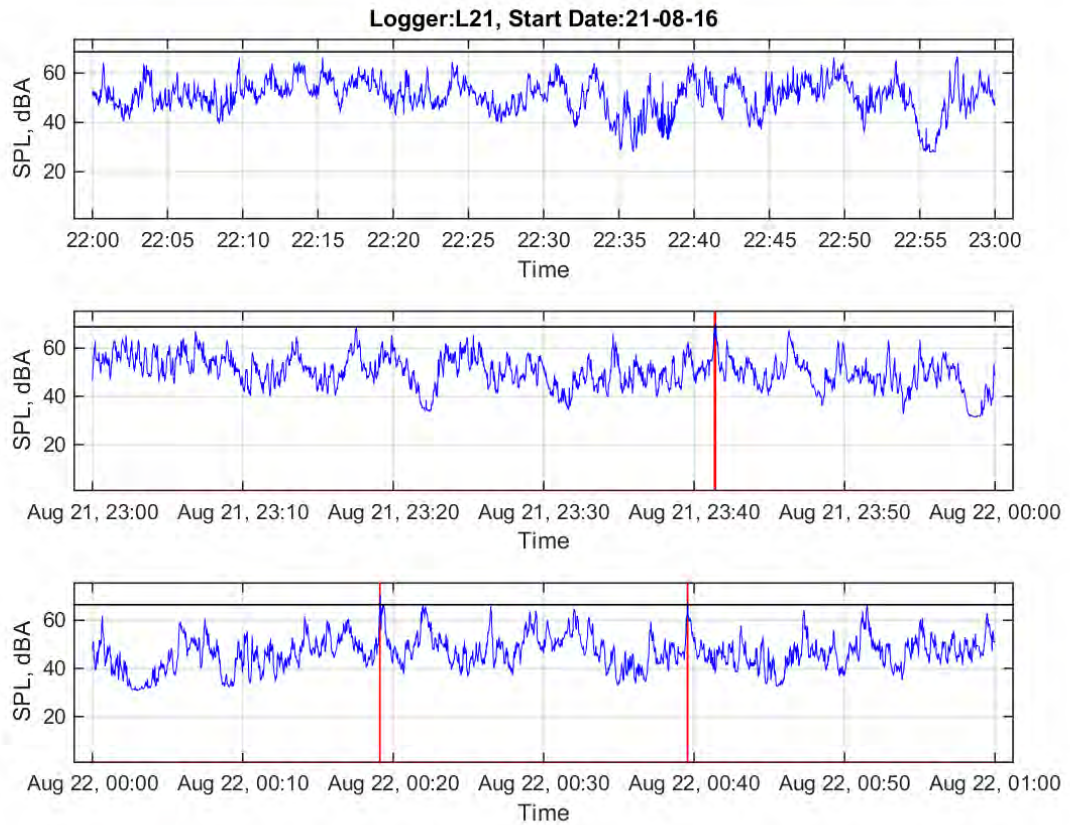


Logger: L21, 84 Hinterland Way84 Hinterland Way, Tintenbar

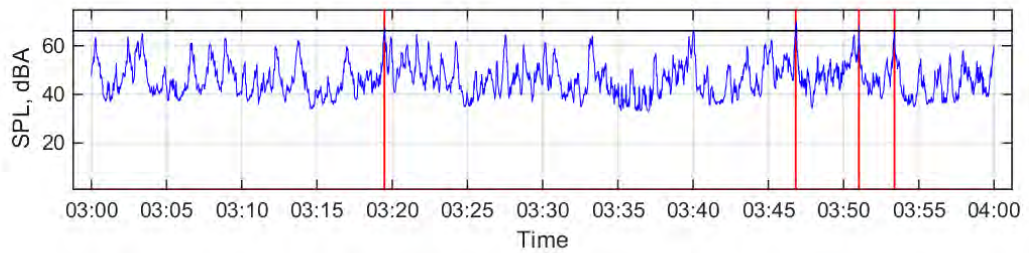
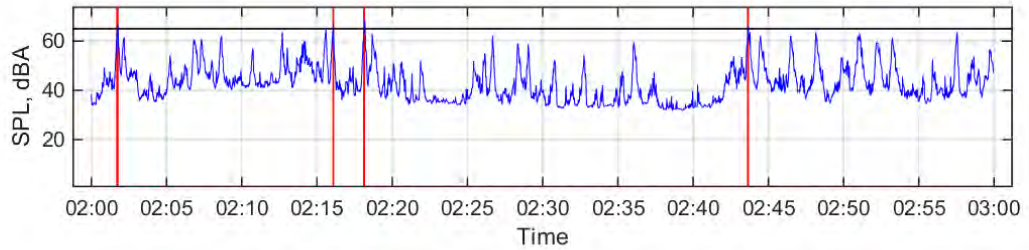
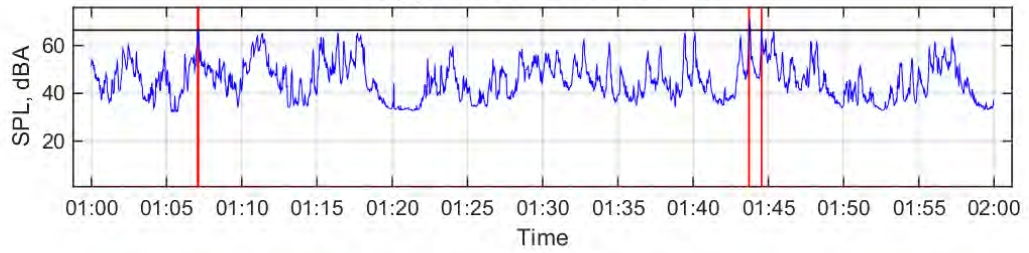
**Start Date:** 21/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	53.6	53.9	51.5	51.4	49.0	51.2	53.9	54.8	57.5
Event average L <sub>AMax</sub>		69.4	68.6	67.7	66.4	67.8	70.2	72.1	75.1
Number events	0	2	2	4	5	4	2	1	7 <sup>1</sup>

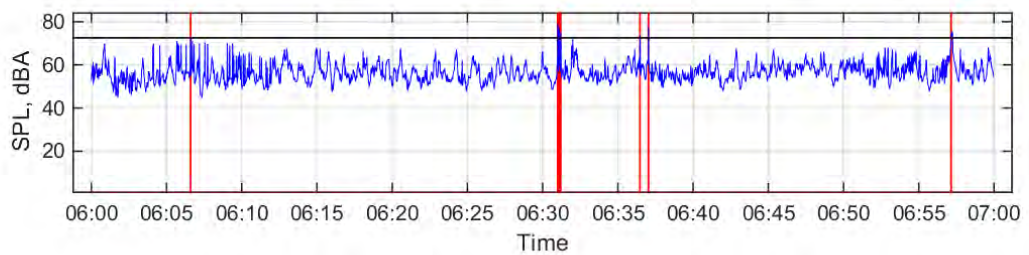
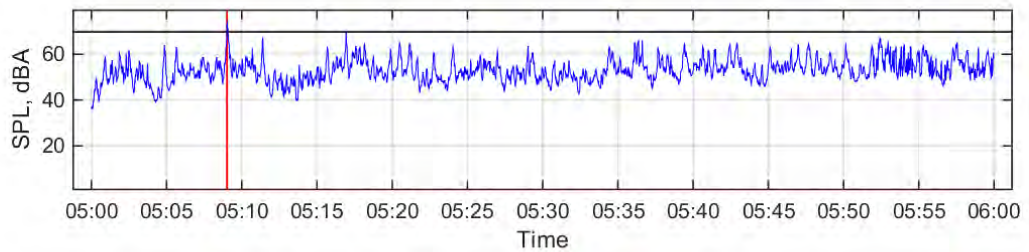
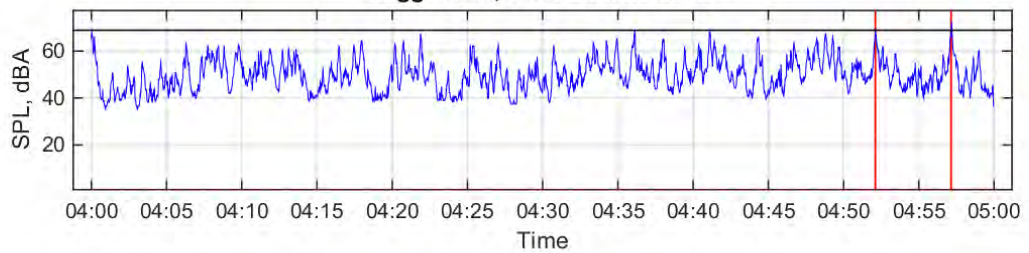
**Note:** Noise from birds contributed to the number of events



Logger:L21, Start Date:21-08-16



Logger:L21, Start Date:21-08-16

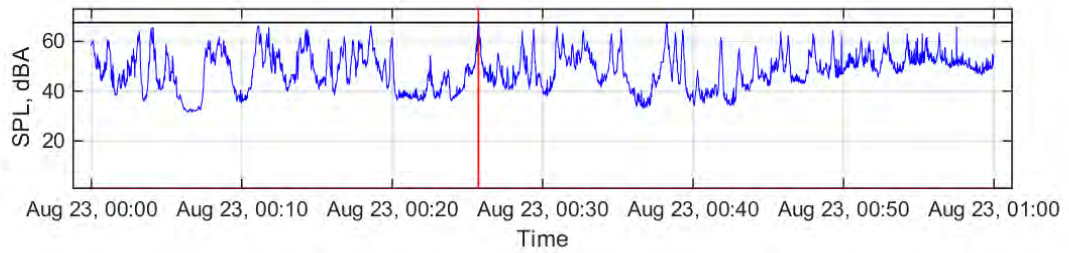
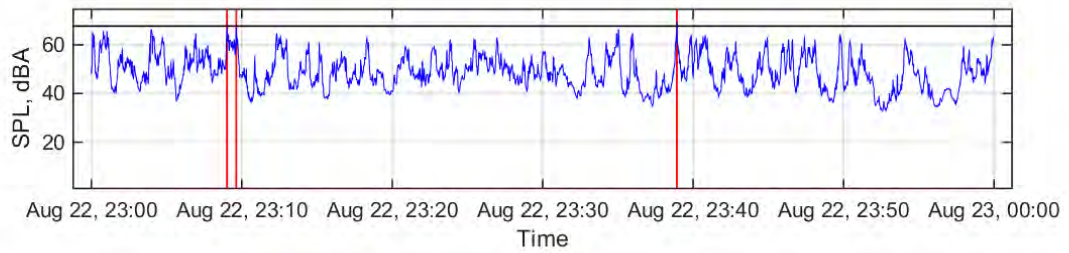
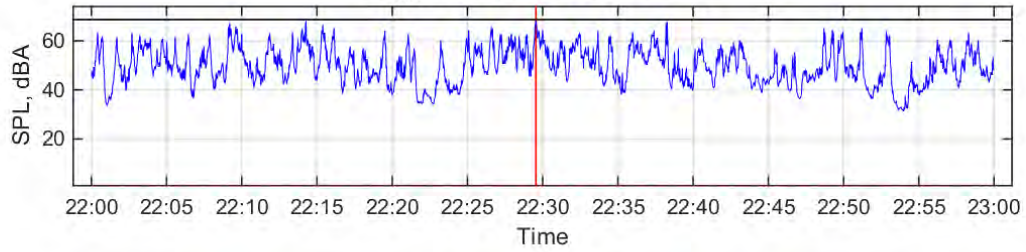


Logger: L21, 84 Hinterland Way84 Hinterland Way, Tintenbar

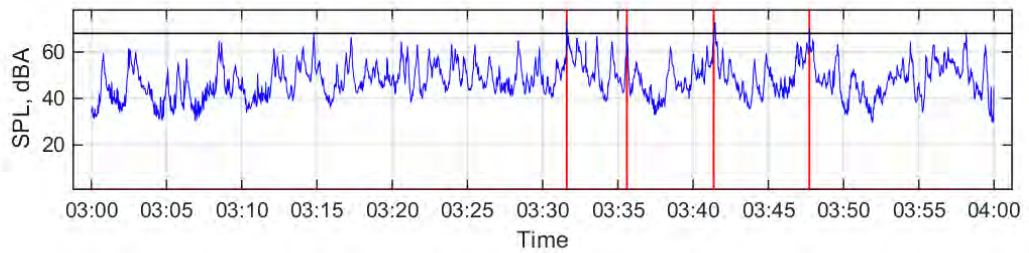
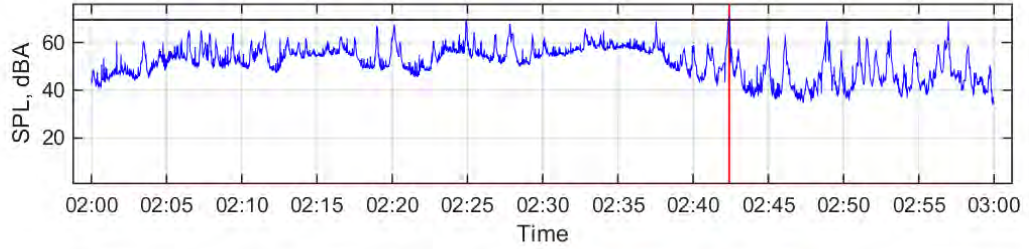
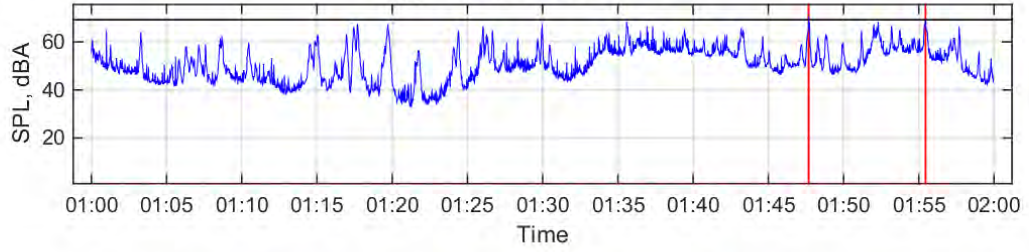
**Start Date: 22/08/2016**

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	53.6	52.7	52.6	54.3	54.5	53.0	55.3	57.2	57.9
Event average L <sub>AMax</sub>	69.0	68.8	67.9	70.0	70.7	70.4			73.0
Number events	1	3	1	2	1	4	0	0	1

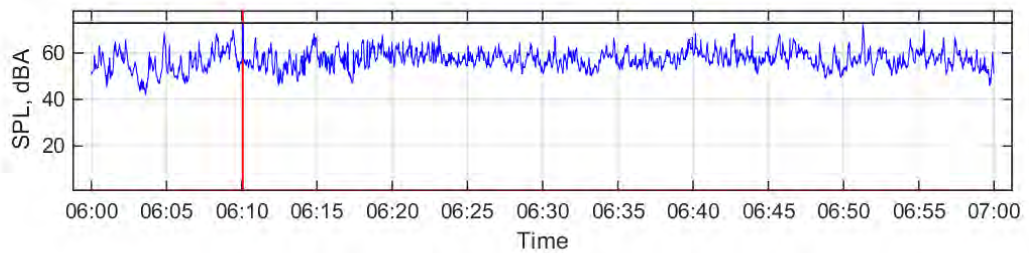
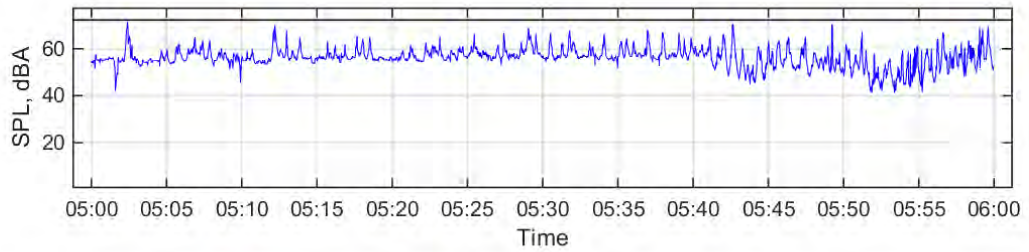
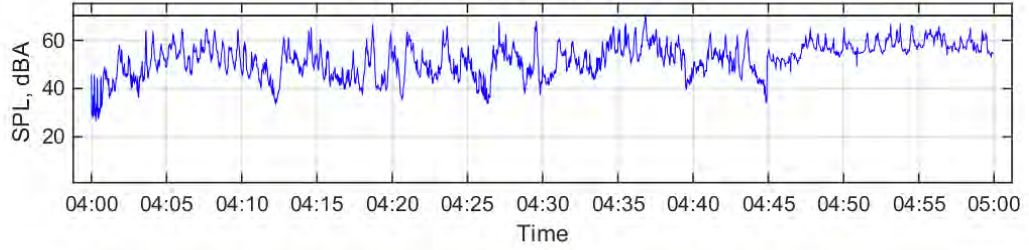
**Logger:L21, Start Date:22-08-16**



Logger:L21, Start Date:22-08-16



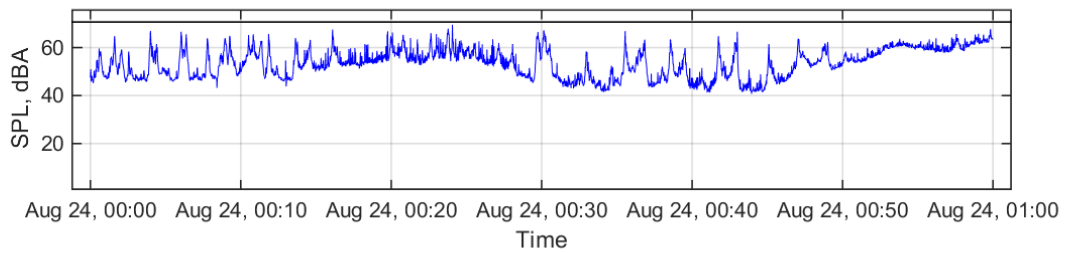
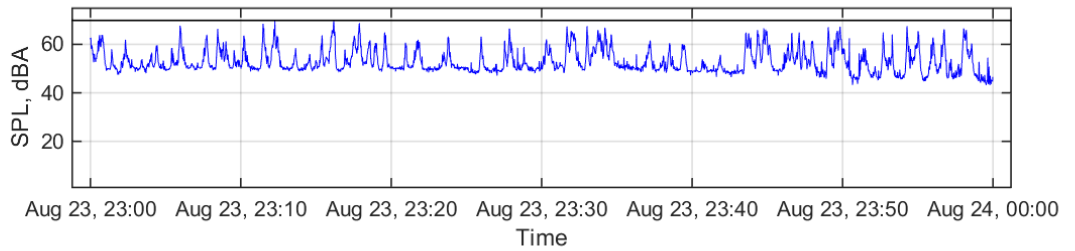
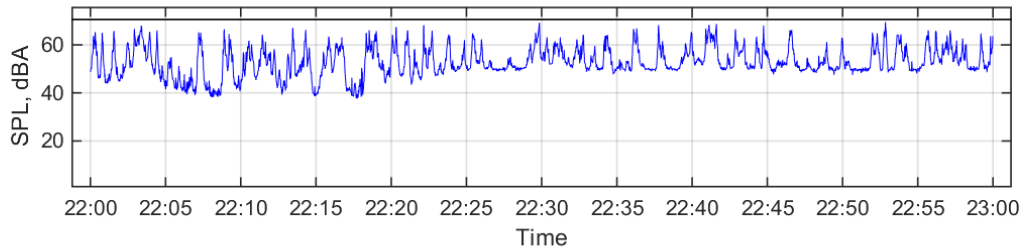
Logger:L21, Start Date:22-08-16



**Start Date: 23/08/2016**

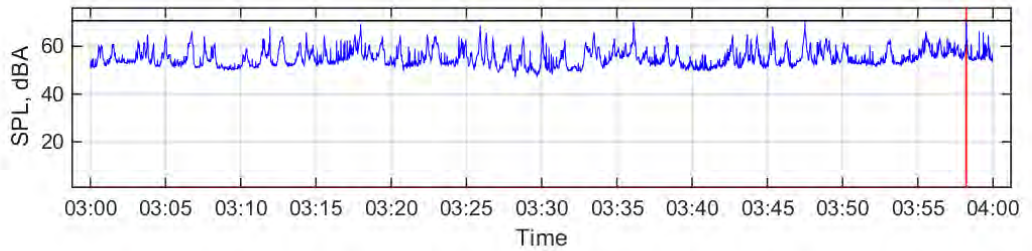
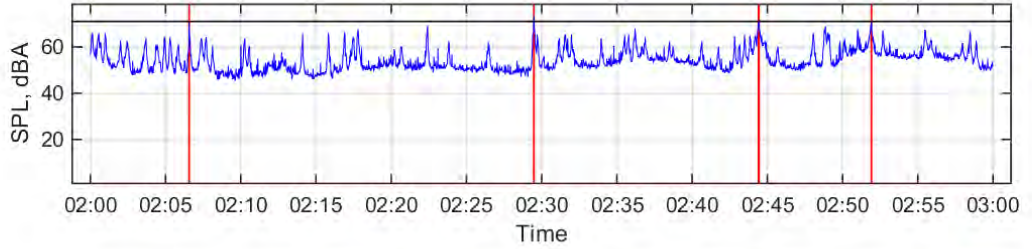
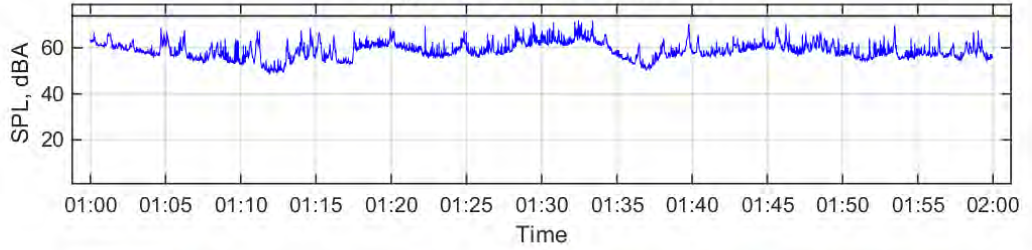
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	55.5	54.9	55.6	58.8	56.0	55.7	59.9	59.0	59.8
Event average L <sub>AMax</sub>					71.8	71.0			76.1
Number events	0	0	0	0	5	1	0	0	2

**Logger:L21, Start Date:23-08-16**

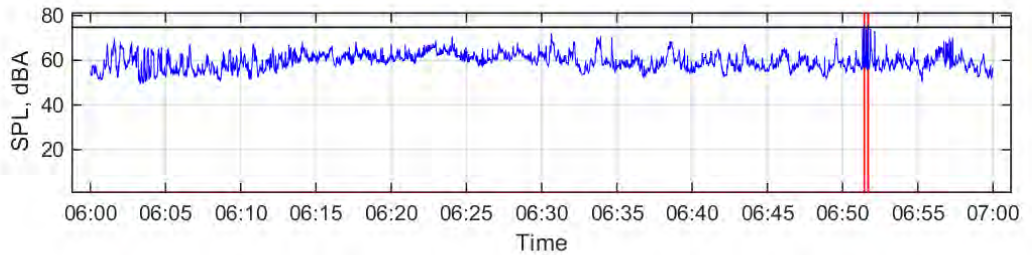
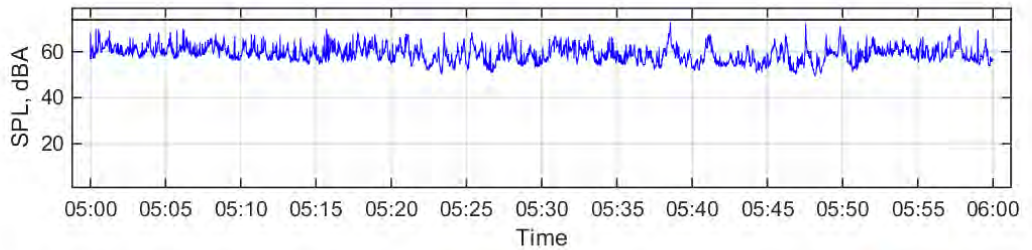
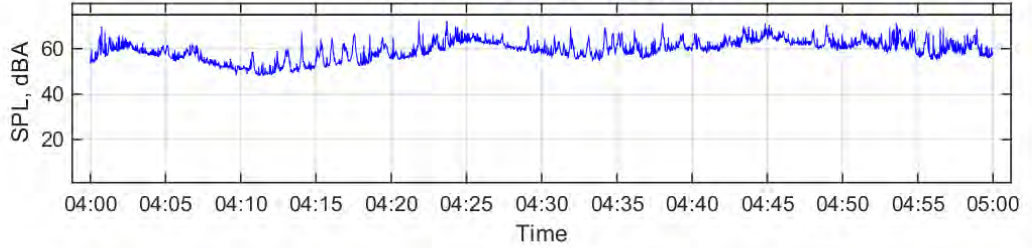




Logger:L21, Start Date:23-08-16



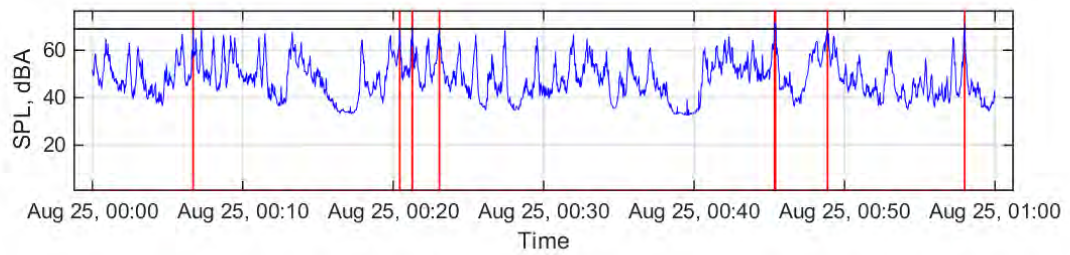
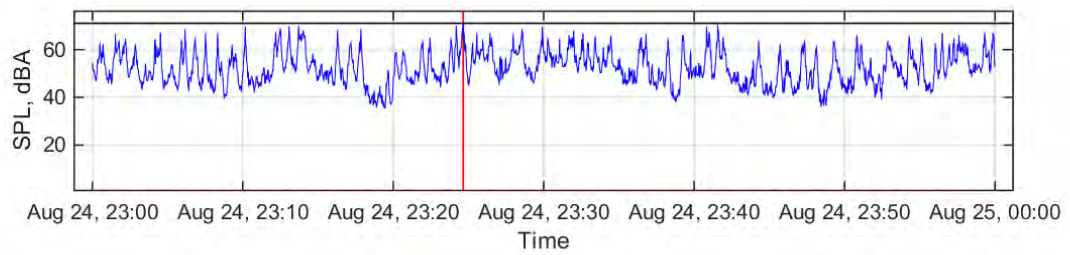
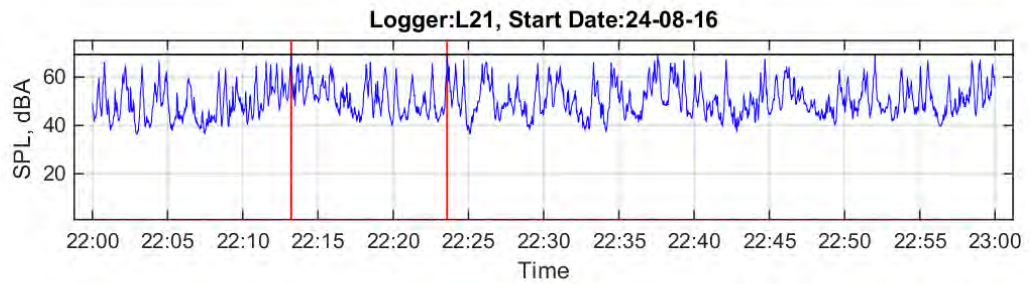
Logger:L21, Start Date:23-08-16



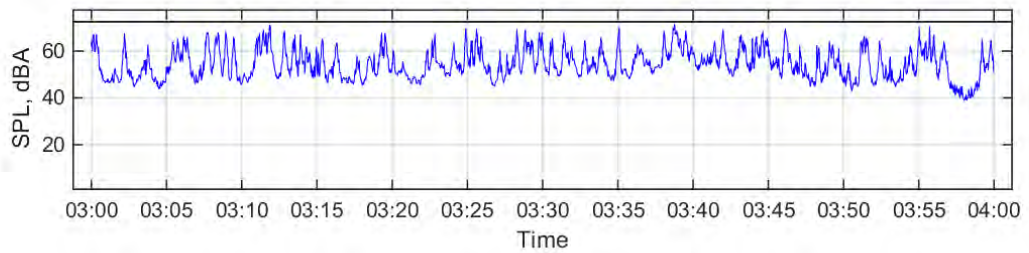
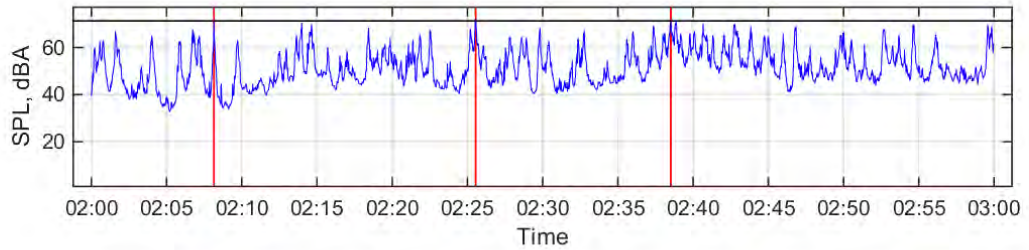
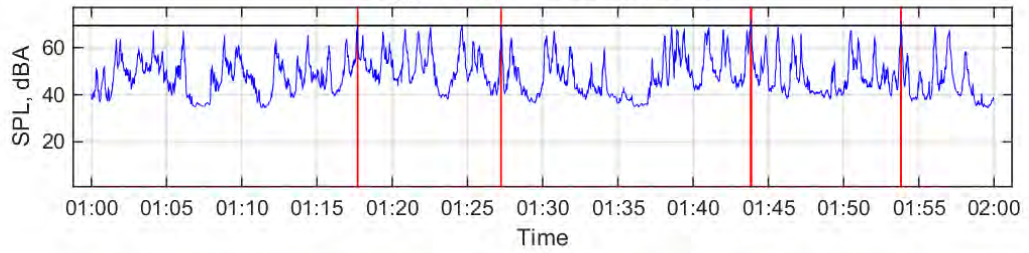
**Logger:** L21, 84 Hinterland Way84 Hinterland Way, Tintenbar

**Start Date:** 24/08/2016

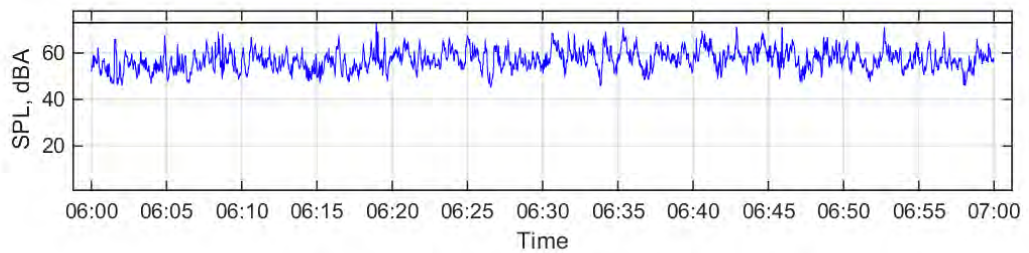
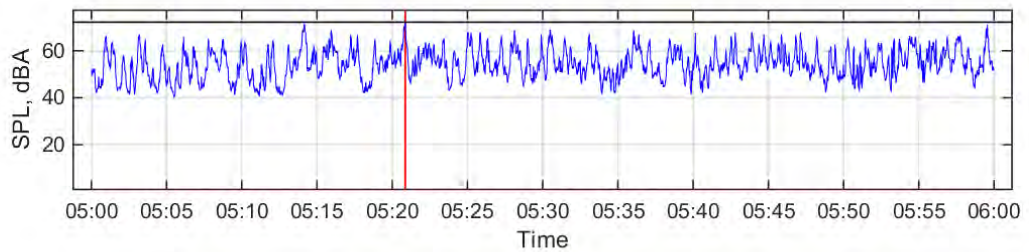
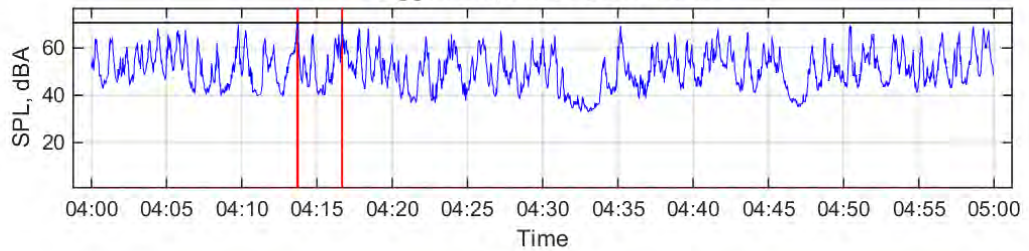
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	54.4	56.0	54.0	54.4	56.3	57.5	55.7	57.1	58.0
Event average L <sub>AMax</sub>	69.8	71.1	70.2	70.5	71.8		71.2	72.2	
Number events	2	1	8	5	3	0	3	1	0



Logger:L21, Start Date:24-08-16



Logger:L21, Start Date:24-08-16

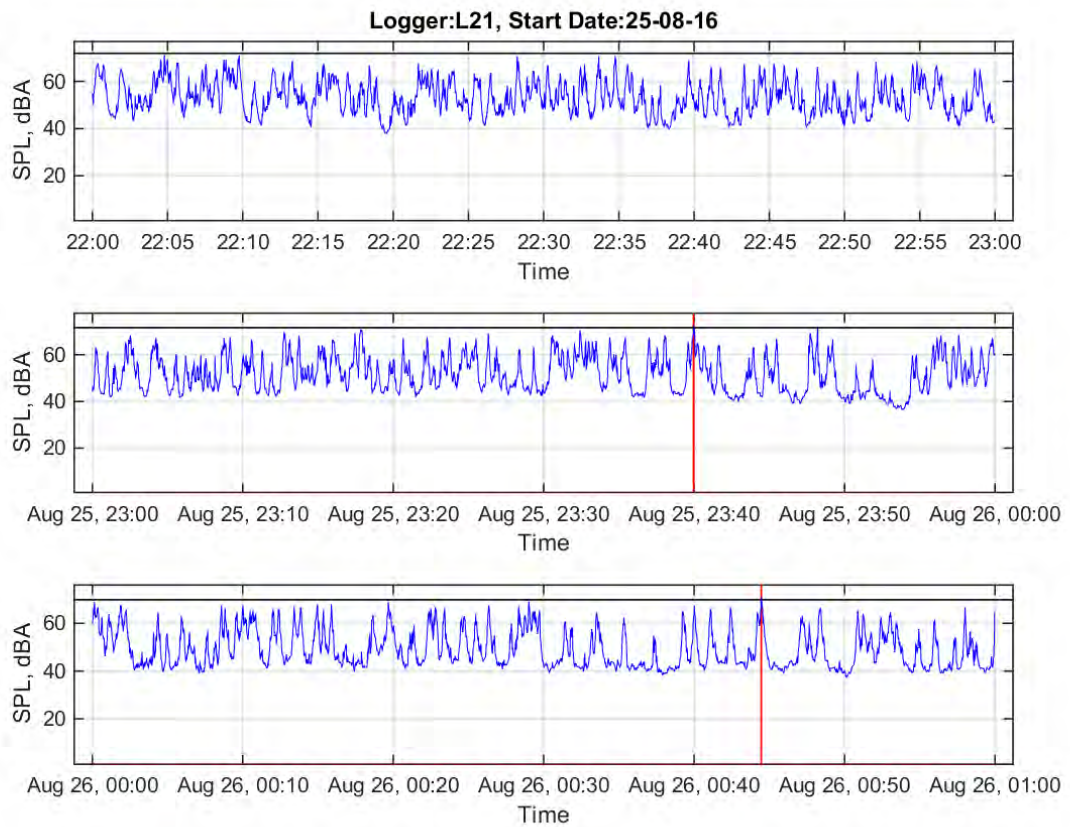


Logger: L21, 84 Hinterland Way84 Hinterland Way, Tintenbar

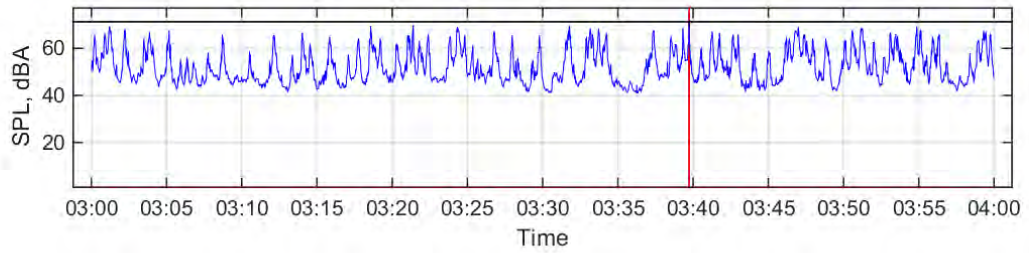
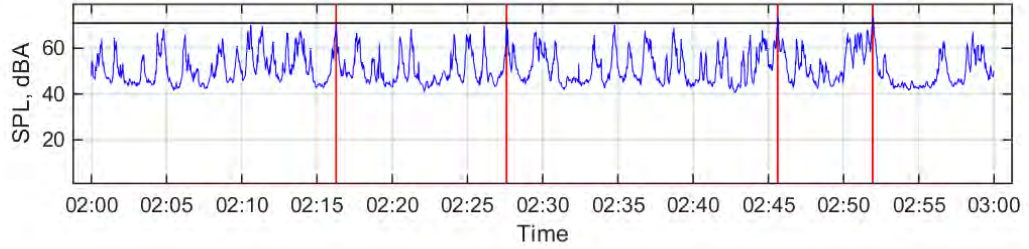
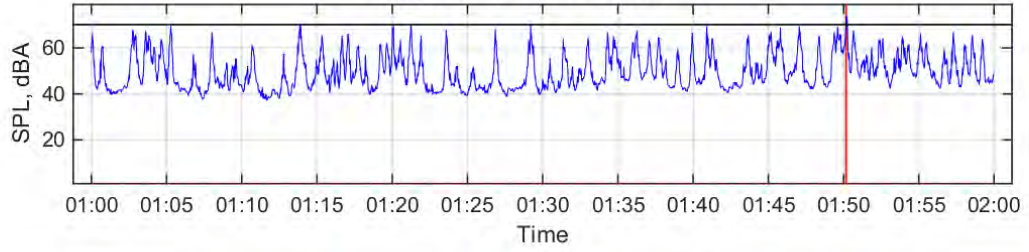
**Start Date: 25/08/2016**

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	57.0	56.6	54.8	55.1	56.0	56.3	56.2	57.9	60.0
Event average L <sub>AMax</sub>		72.3	71.0	72.5	72.6	72.1	73.3	76.1	77.4
Number events	0	1	1	1	4	1	3	1	3 <sup>1</sup>

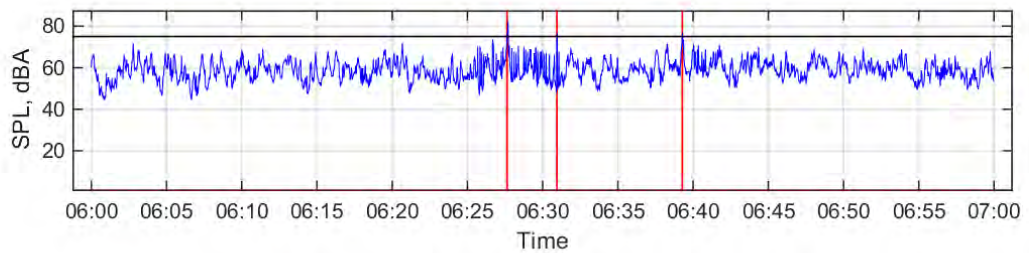
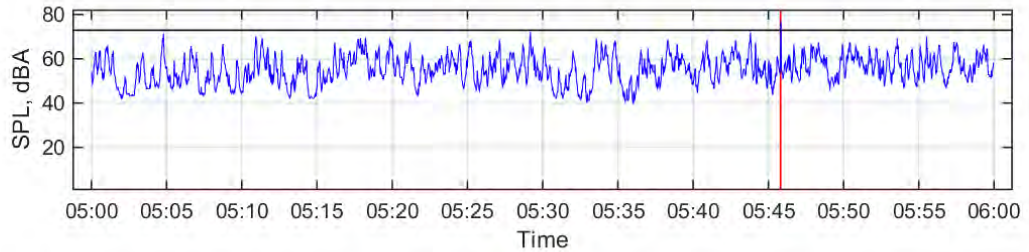
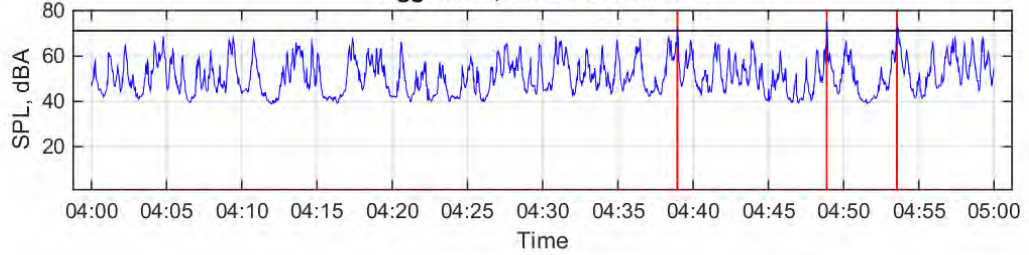
**Note:** Noise from birds contributed to the number of events



Logger:L21, Start Date:25-08-16



Logger:L21, Start Date:25-08-16



**Logger:** L24, 85 Parkway Drive, Ewingsdale

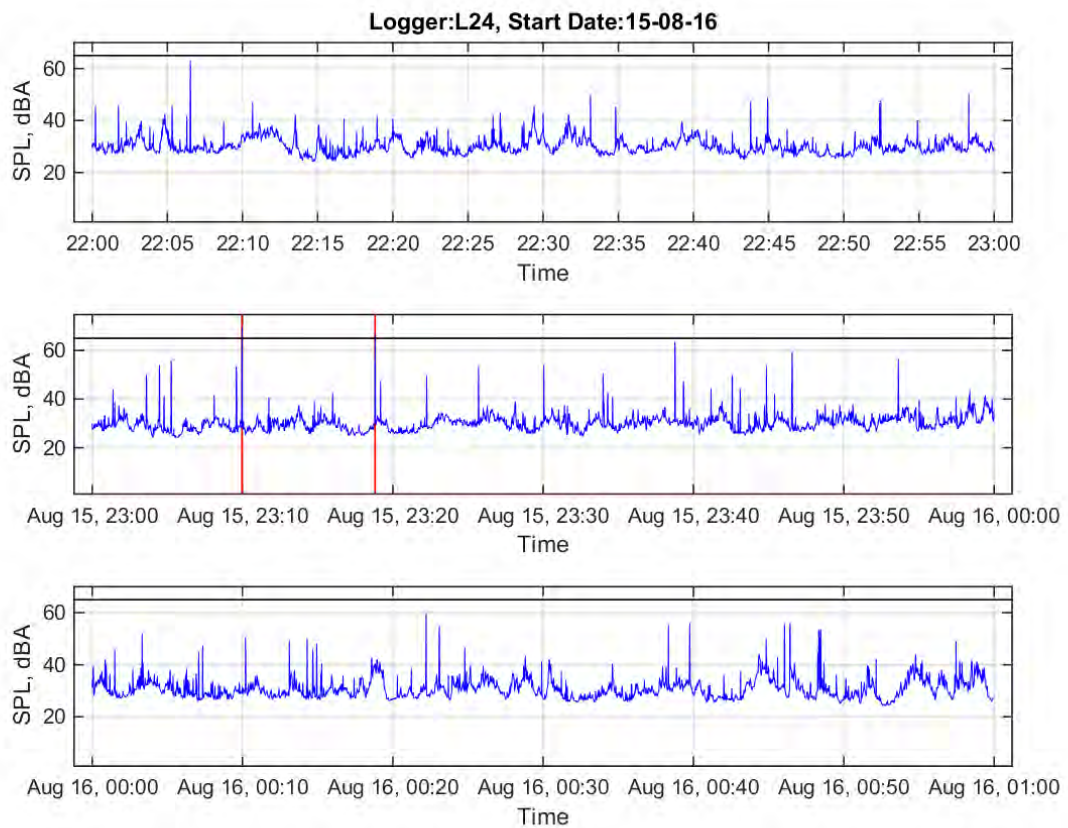
**Start Date:** 15/08/2016

**Location:** Free field

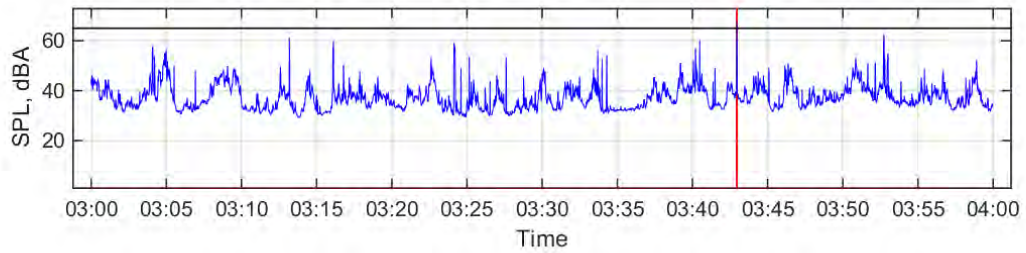
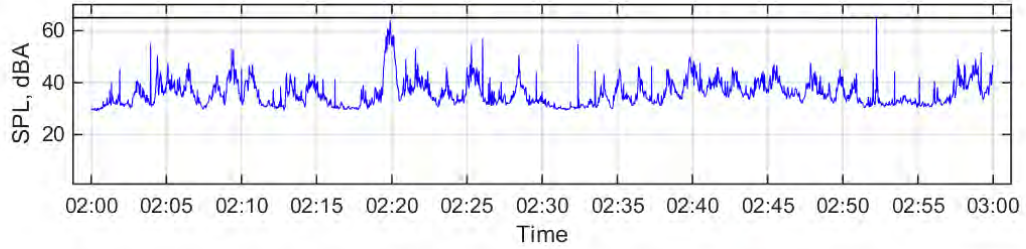
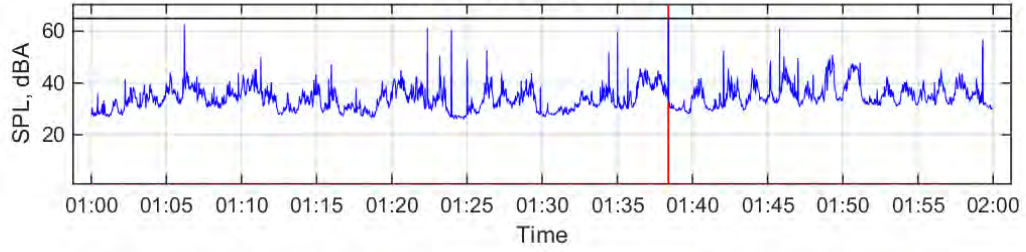


	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	30.7	32.7	32.0	36.1	39.6	39.4	40.8	43.7	50.1
Event average L <sub>AMax</sub>		68.2		65.4		67.8	67.8	66.9	69.3
Number events	0	2	0	1	0	1	1	4 <sup>1</sup>	9 <sup>1</sup>

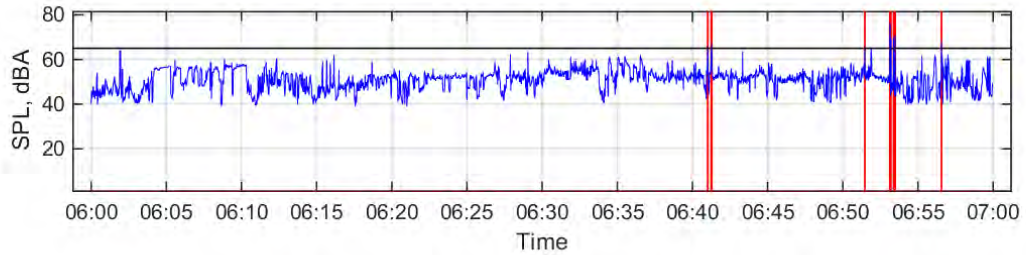
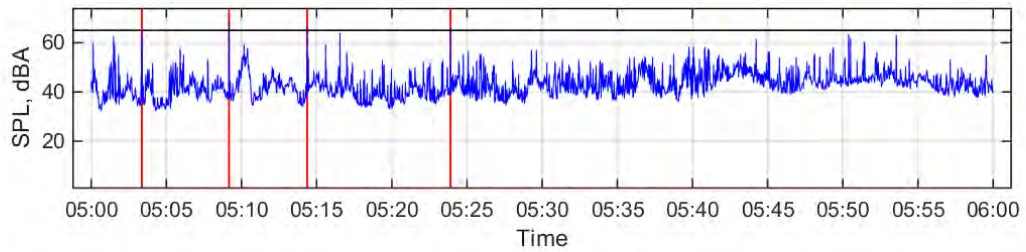
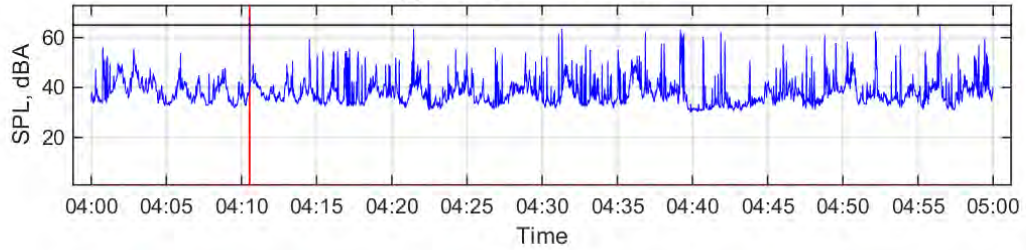
**Note:** Noise from birds contributed to the number of events



Logger:L24, Start Date:15-08-16



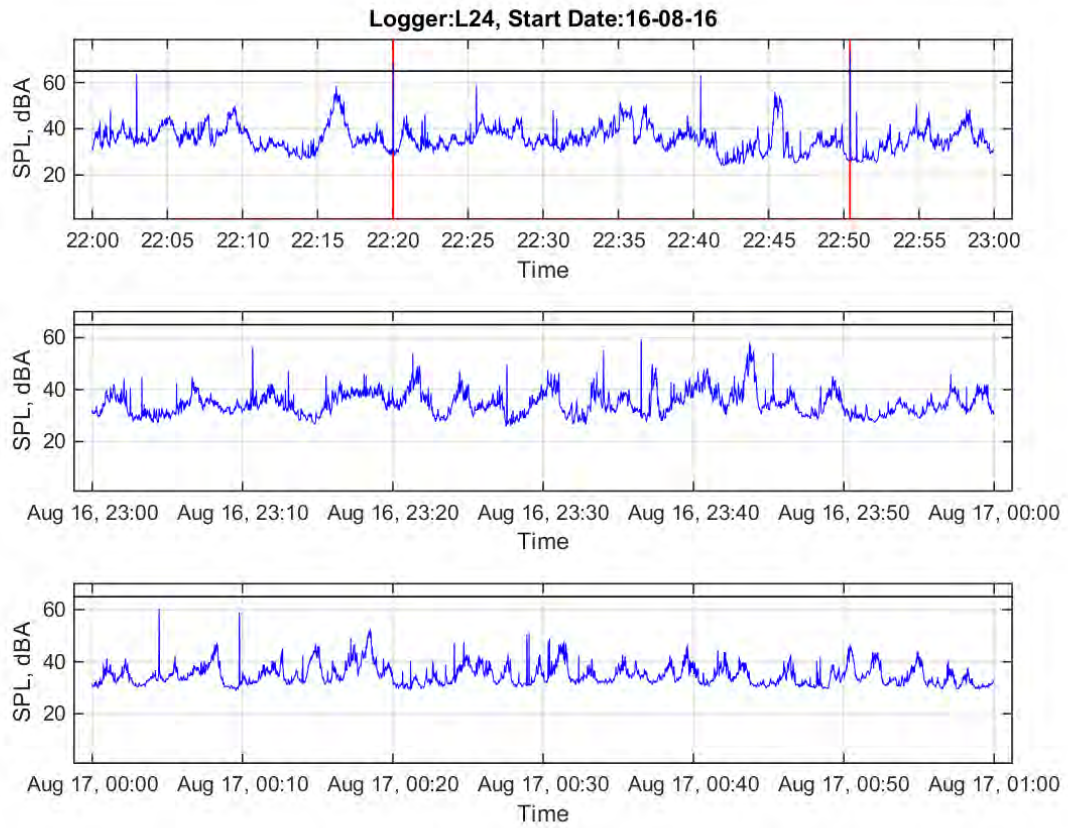
Logger:L24, Start Date:15-08-16



**Start Date:** 16/08/2016

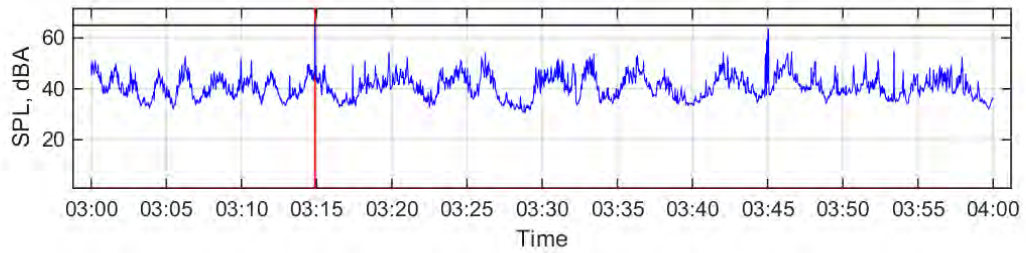
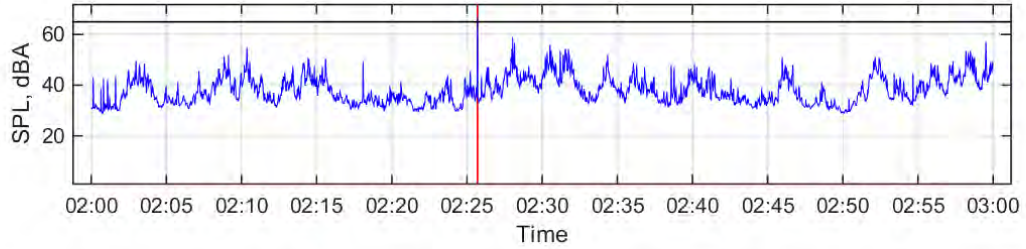
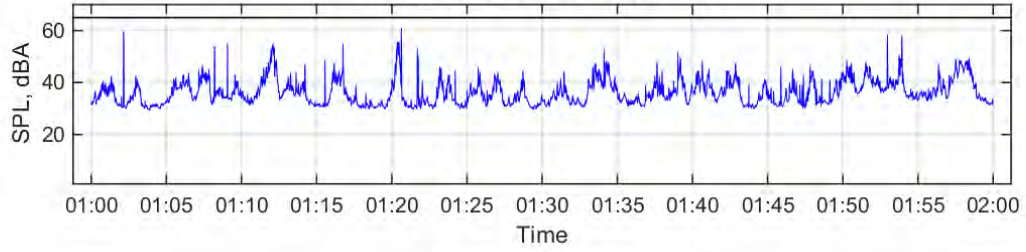
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	39.5	37.0	36.0	38.1	40.1	42.2	43.9	46.4	47.5
Event average L <sub>AMax</sub>	69.2				66.8	66.5		65.6	67.5
Number events	2	0	0	0	1	1	0	1 <sup>1</sup>	5 <sup>1</sup>

**Note:** Noise from birds contributed to the number of events

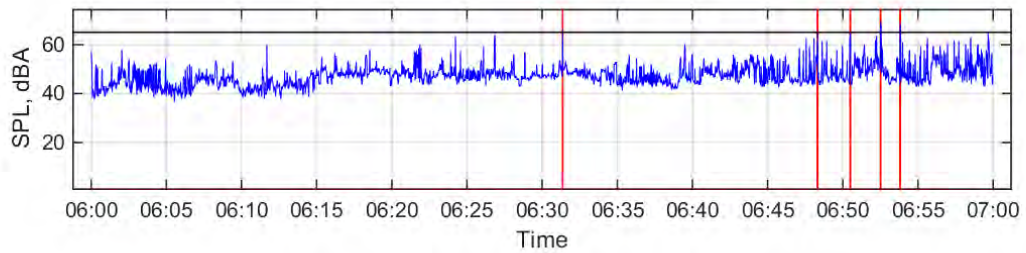
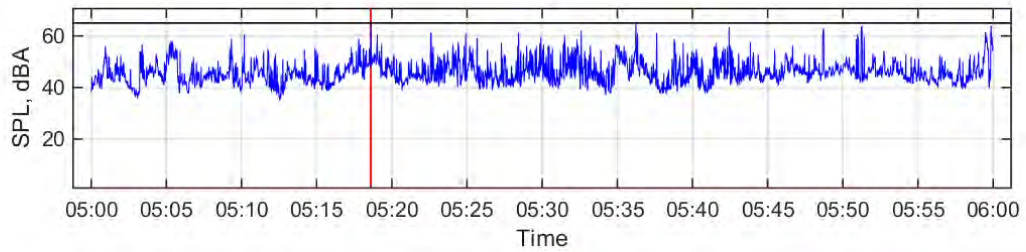
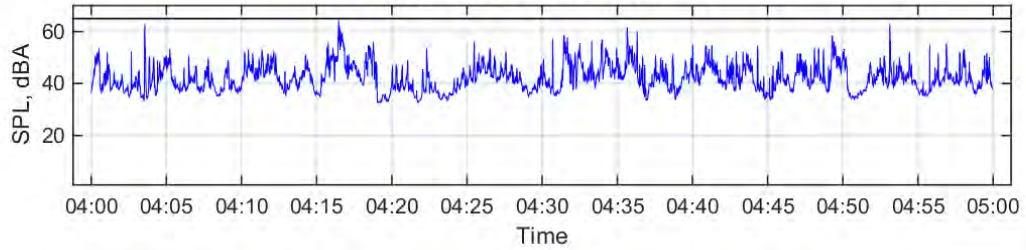




Logger:L24, Start Date:16-08-16



Logger:L24, Start Date:16-08-16

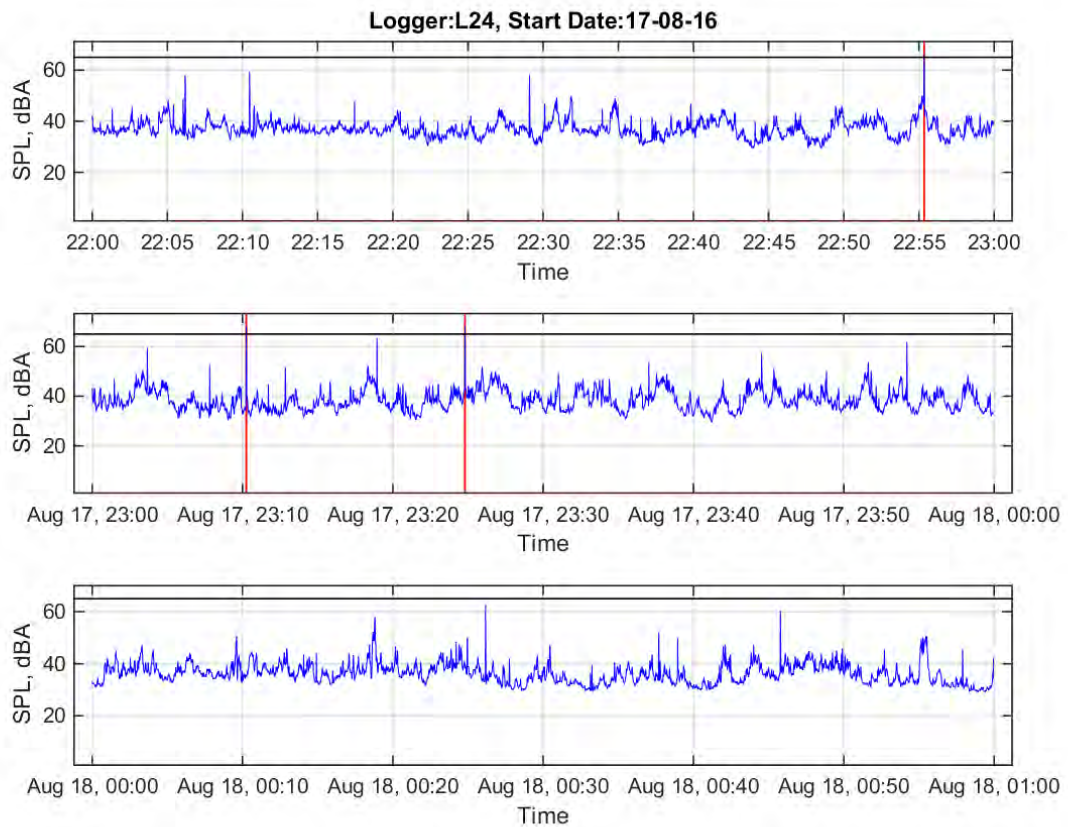


**Logger:** L24, 85 Parkway Drive, Ewingsdale

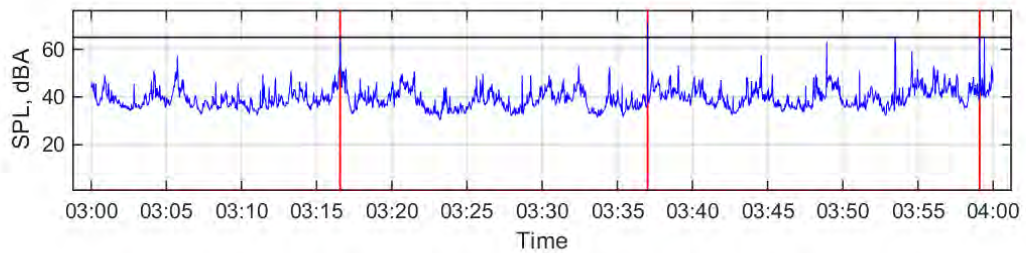
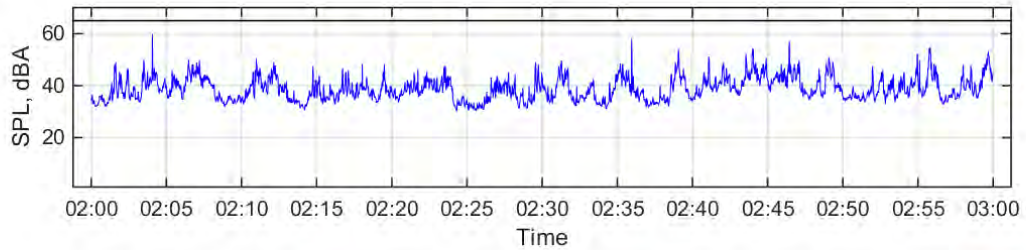
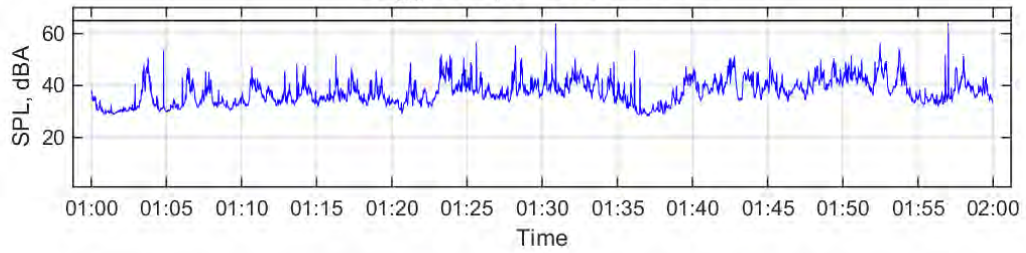
**Start Date:** 17/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
$L_{Aeq}$	37.7	39.7	37.4	39.2	39.9	41.2	43.1	46.4	49.2
Event average $L_{AMax}$	66.2	68.2				67.1	67.7	65.8	67.9
Number events	1	2	0	0	0	3	2	4 <sup>1</sup>	19 <sup>1</sup>

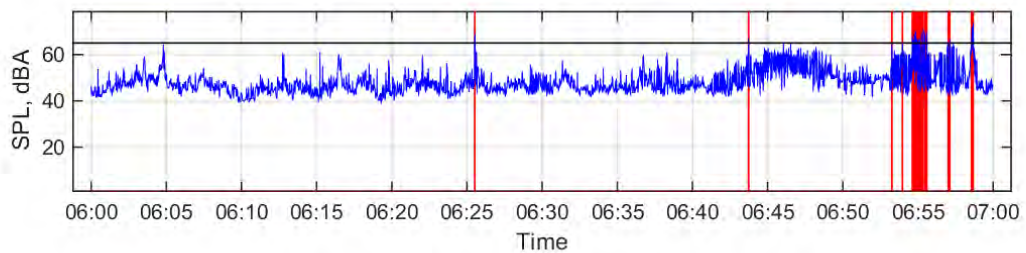
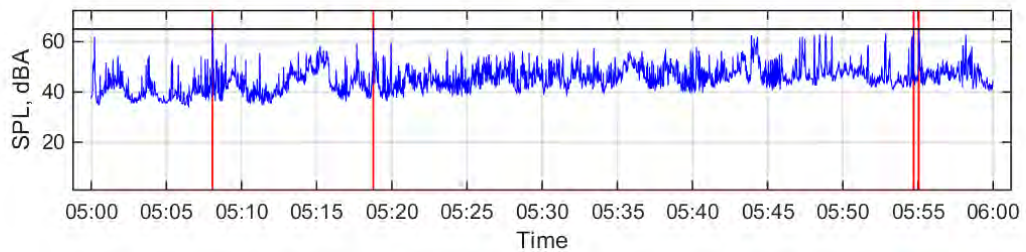
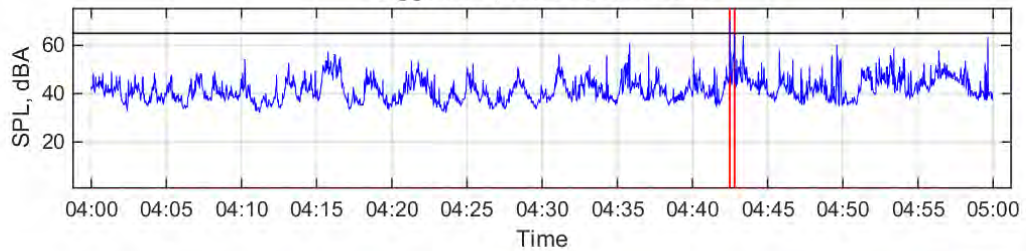
**Note:** Noise from birds contributed to the number of events



Logger:L24, Start Date:17-08-16



Logger:L24, Start Date:17-08-16

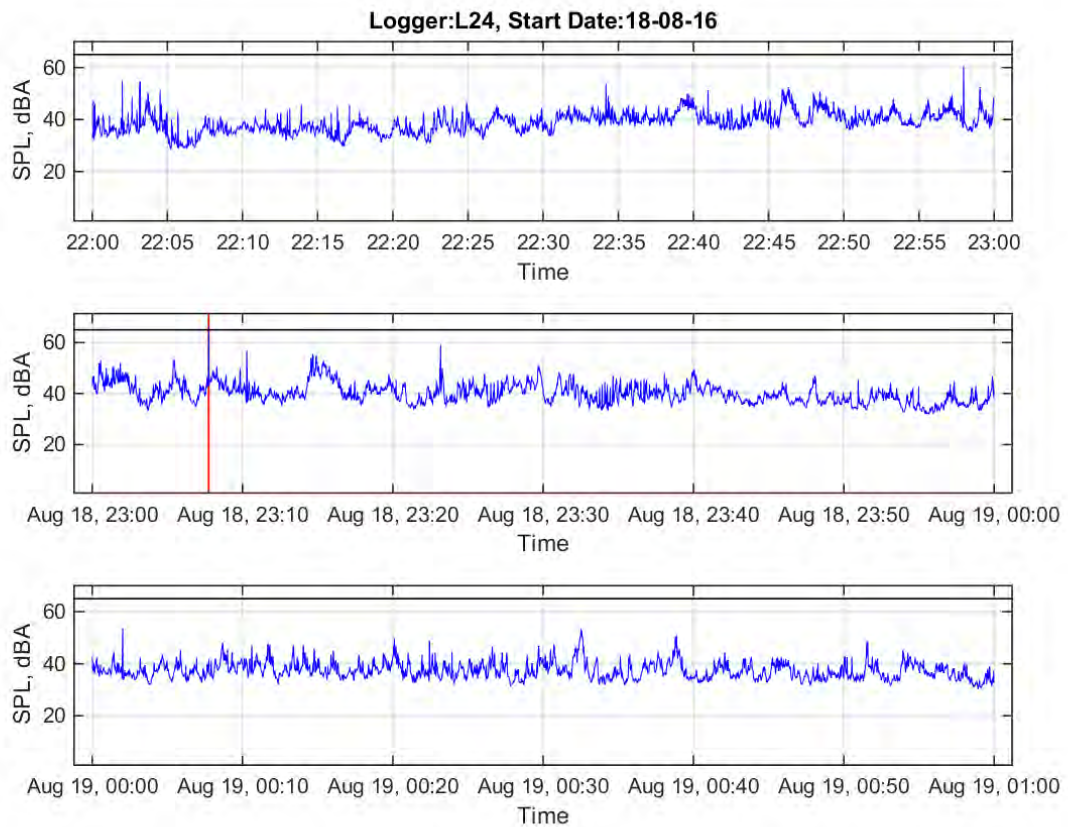


**Logger:** L24, 85 Parkway Drive, Ewingsdale

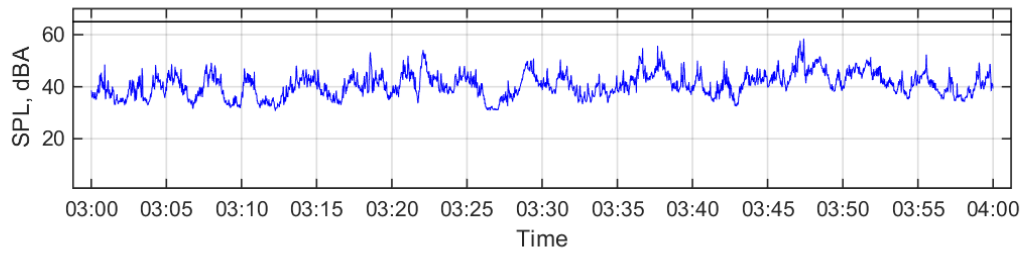
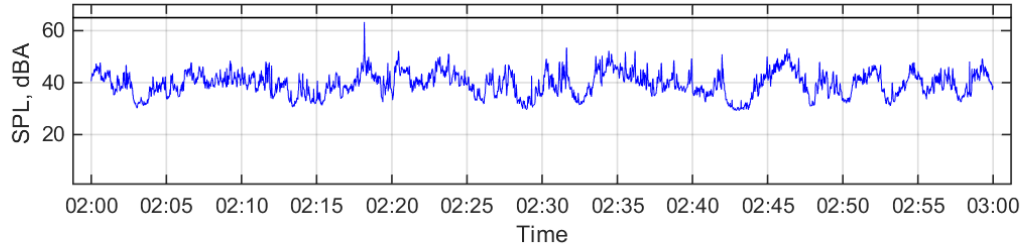
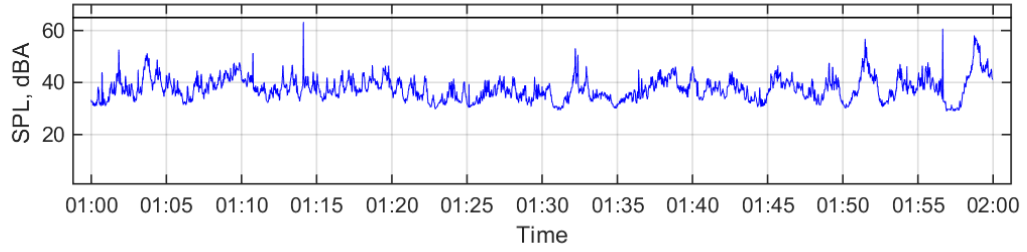
**Start Date:** 18/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	39.5	41.1	37.9	39.6	40.8	42.2	42.4	47.7	49.2
Event average L <sub>AMax</sub>		66.4						68.6	69.8
Number events	0	1	0	0	0	0	0	5 <sup>1</sup>	19 <sup>1</sup>

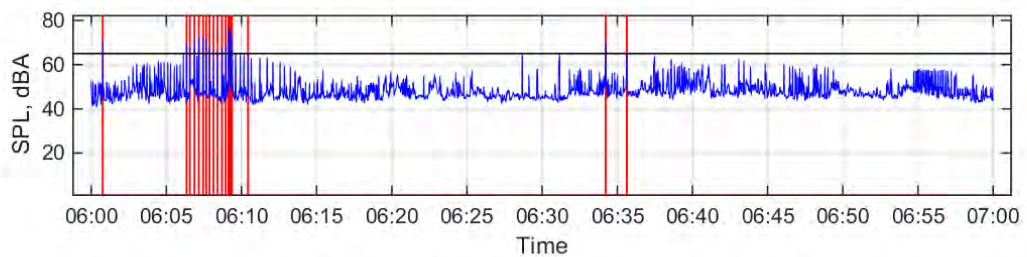
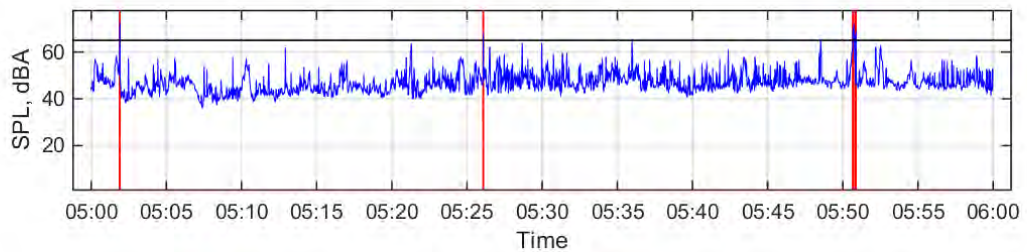
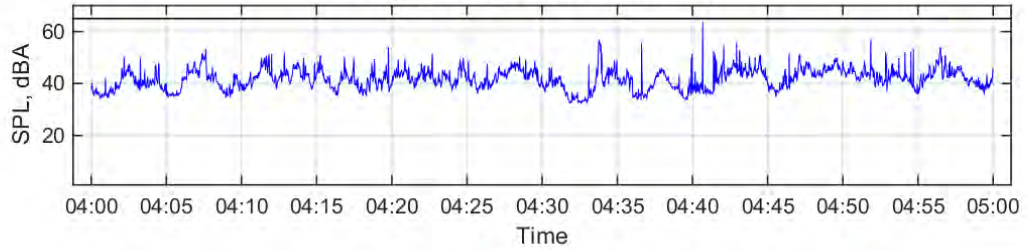
**Note:** Noise from birds contributed to the number of events



Logger:L24, Start Date:18-08-16



Logger:L24, Start Date:18-08-16

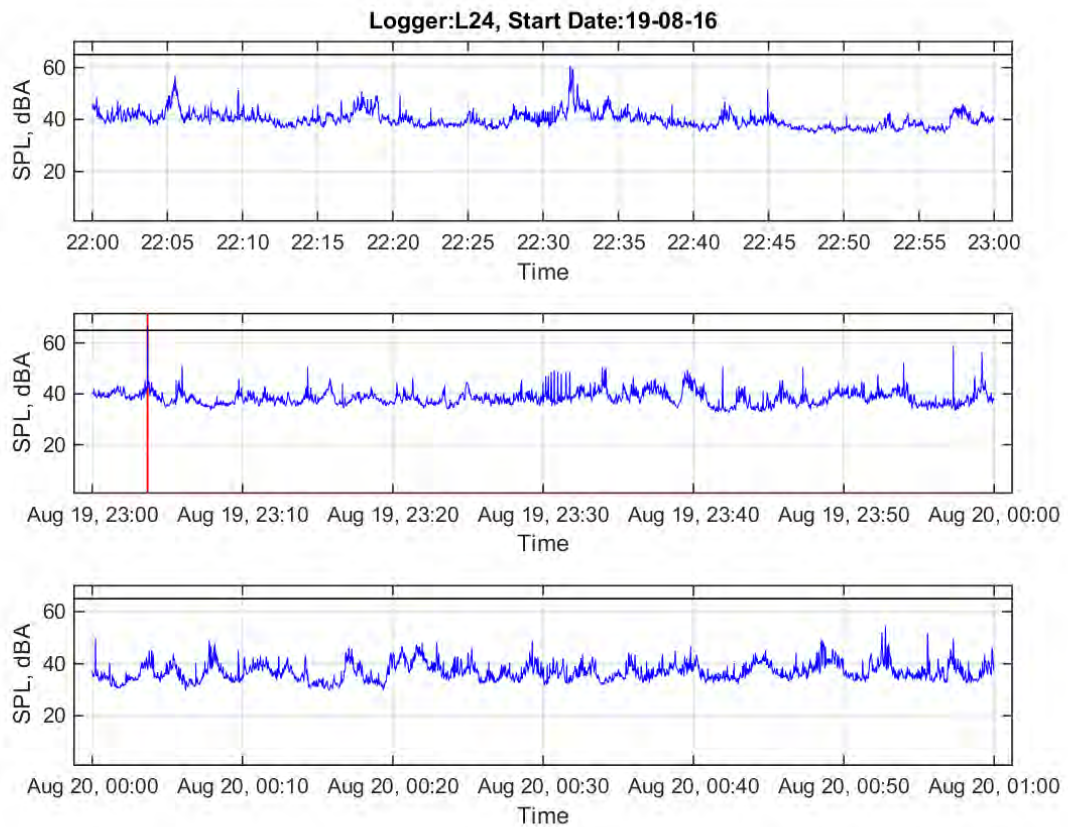


**Logger:** L24, 85 Parkway Drive, Ewingsdale

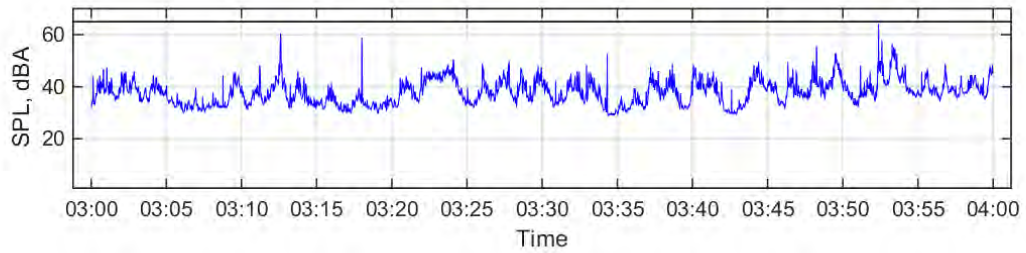
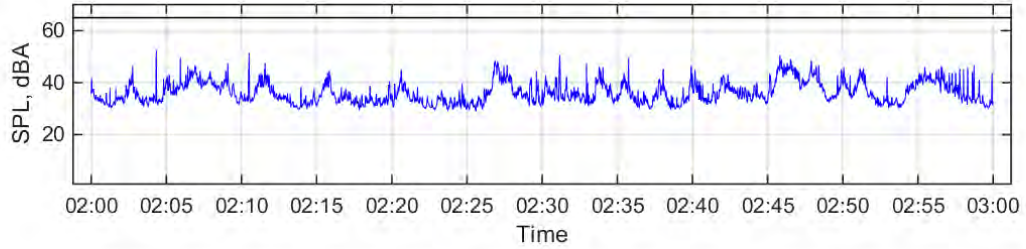
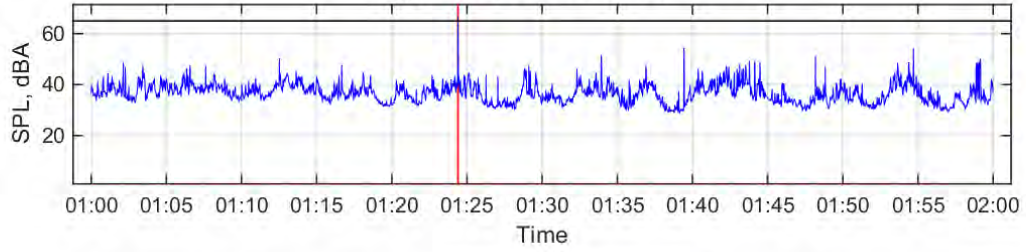
**Start Date:** 19/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	40.7	38.5	37.3	37.0	37.2	39.5	43.3	45.1	45.6
Event average L <sub>AMax</sub>		66.6		66.4			67.3	68.3	67.9
Number events	0	1	0	1	0	0	4 <sup>1</sup>	6 <sup>1</sup>	4 <sup>1</sup>

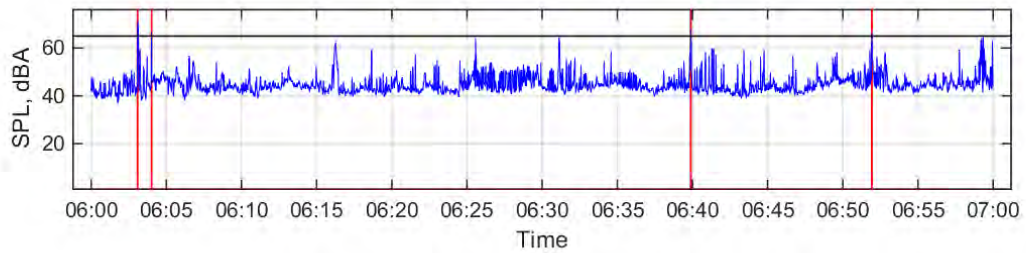
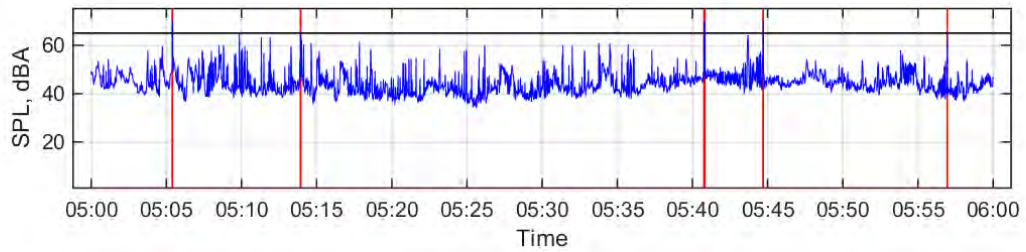
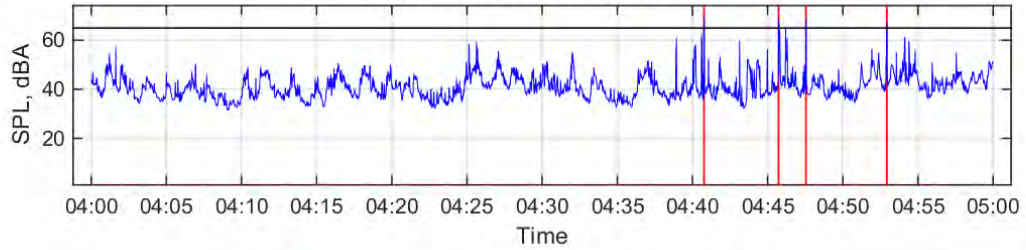
**Note:** Noise from birds contributed to the number of events



Logger:L24, Start Date:19-08-16



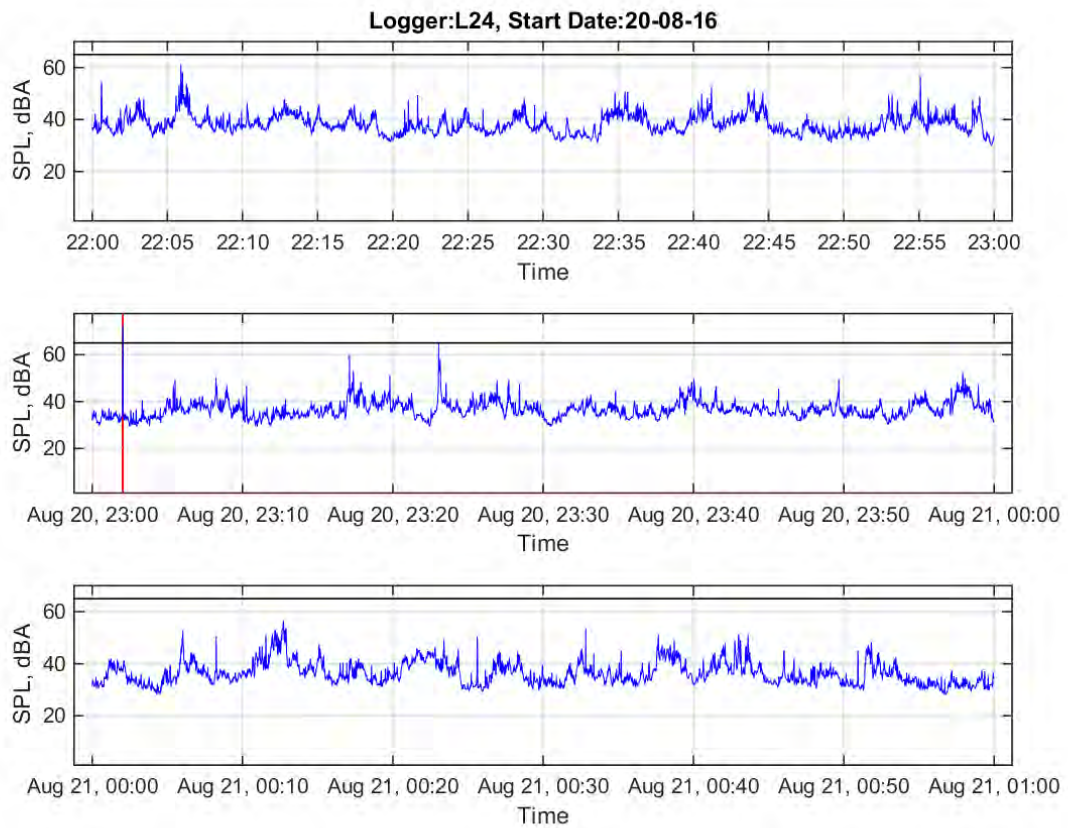
Logger:L24, Start Date:19-08-16



**Start Date:** 20/08/2016

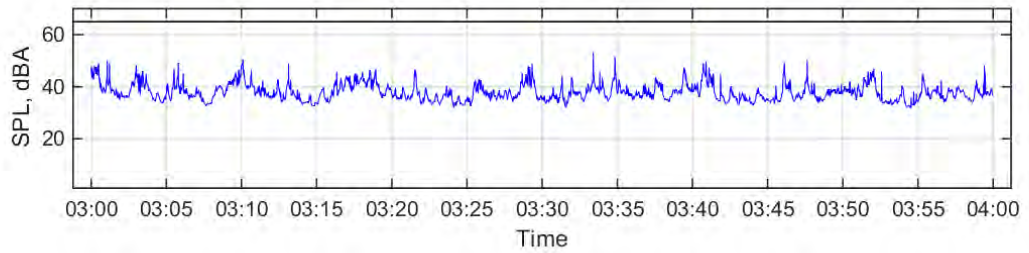
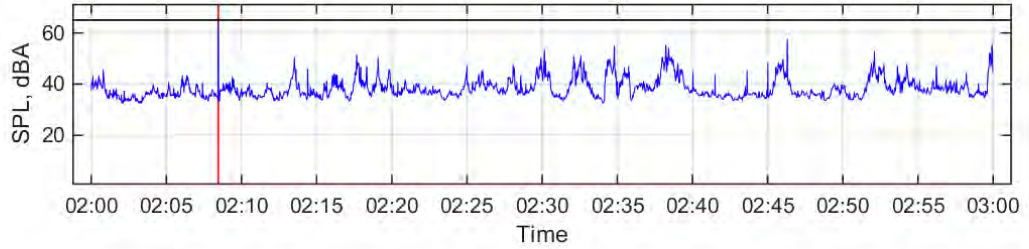
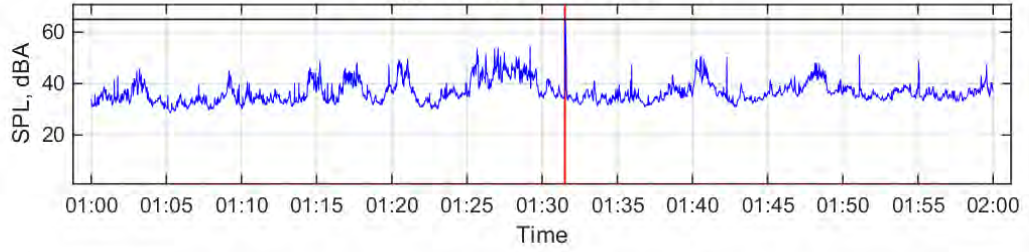
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	38.9	37.9	37.9	38.8	39.5	38.4	39.2	45.2	49.6
Event average L <sub>AMax</sub>		70.0		65.8	66.1		65.5	70.7	68.7
Number events	0	1	0	1	1	0	1 <sup>1</sup>	8 <sup>1</sup>	11 <sup>1</sup>

**Note:** Noise from birds contributed to the number of events

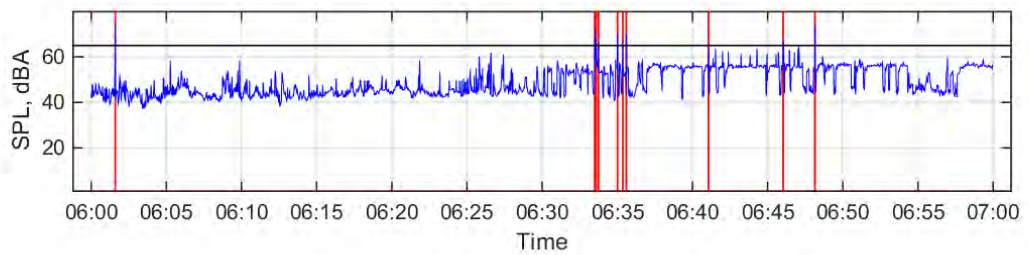
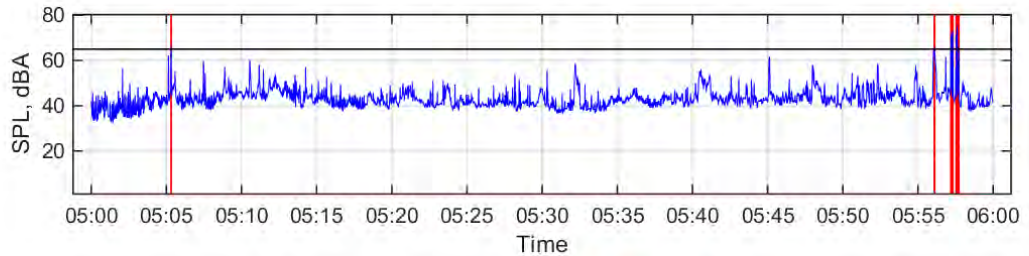
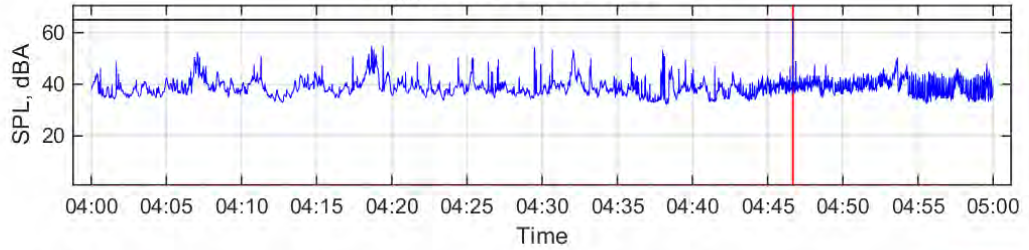




Logger:L24, Start Date:20-08-16



Logger:L24, Start Date:20-08-16

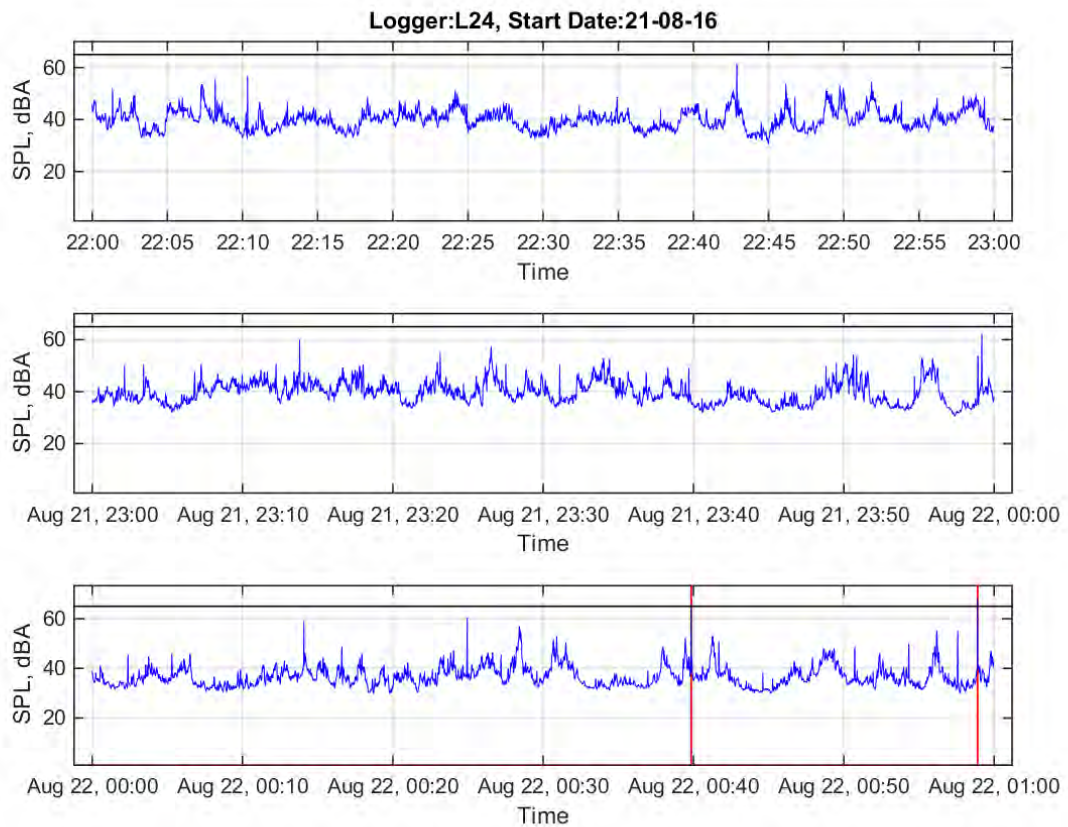


**Logger:** L24, 85 Parkway Drive, Ewingsdale

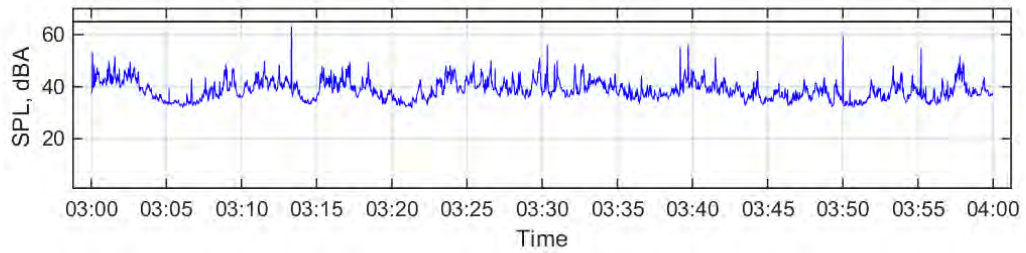
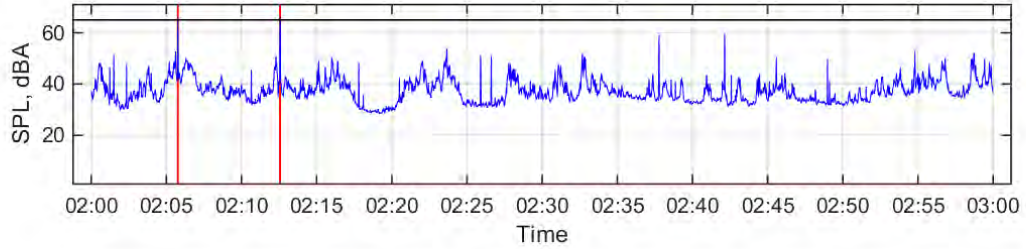
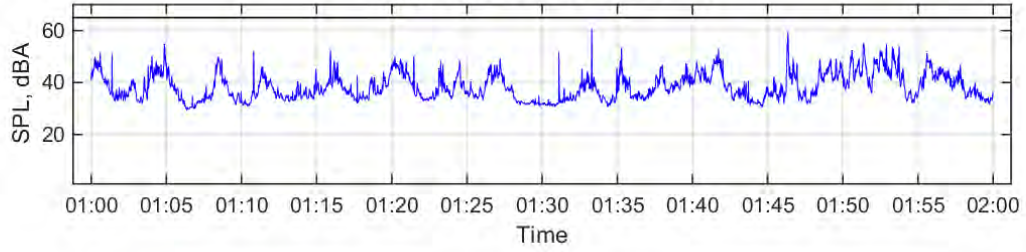
**Start Date:** 21/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
$L_{Aeq}$	40.6	40.7	38.6	40.5	38.9	39.4	39.5	45.3	45.2
Event average $L_{AMax}$			67.1		66.0			76.2	
Number events	0	0	2	0	2	0	0	1 <sup>1</sup>	0

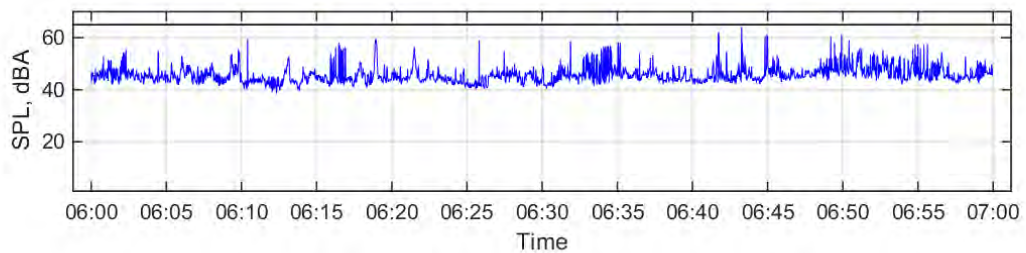
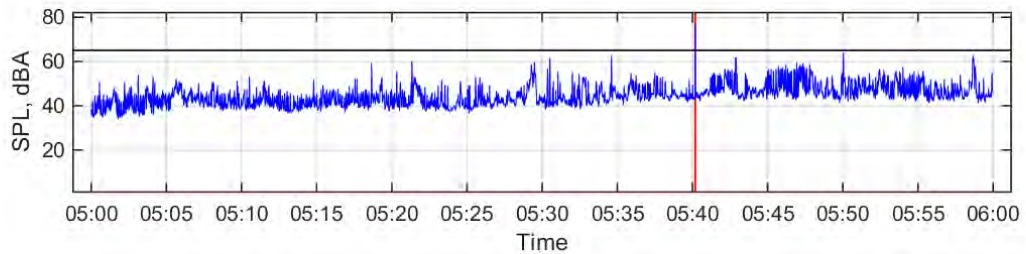
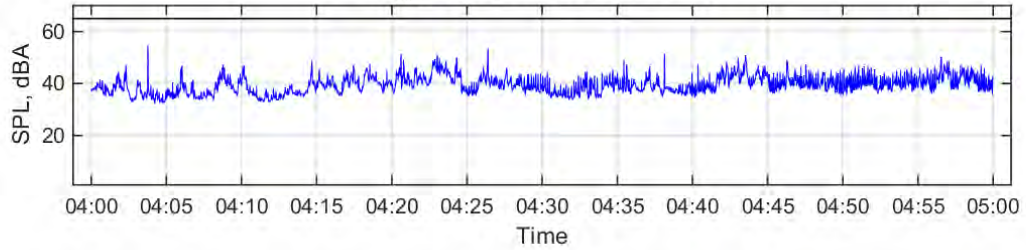
**Note:** Noise from birds contributed to the number of events



Logger:L24, Start Date:21-08-16



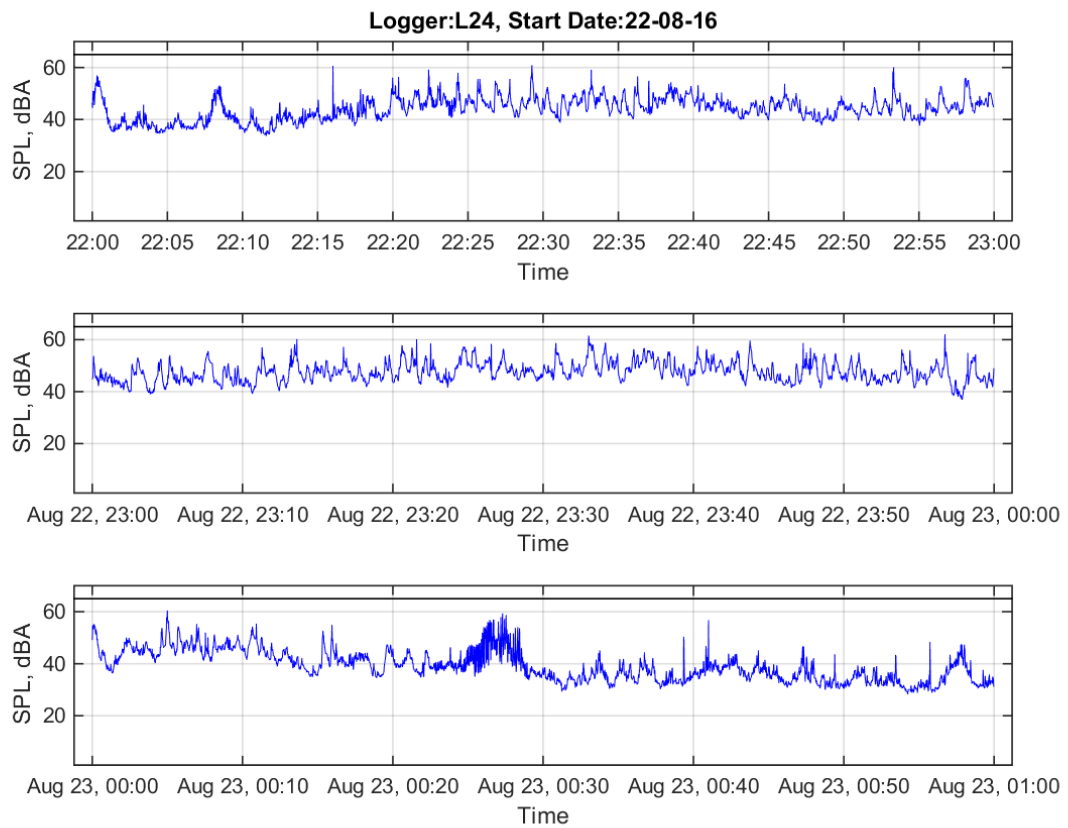
Logger:L24, Start Date:21-08-16



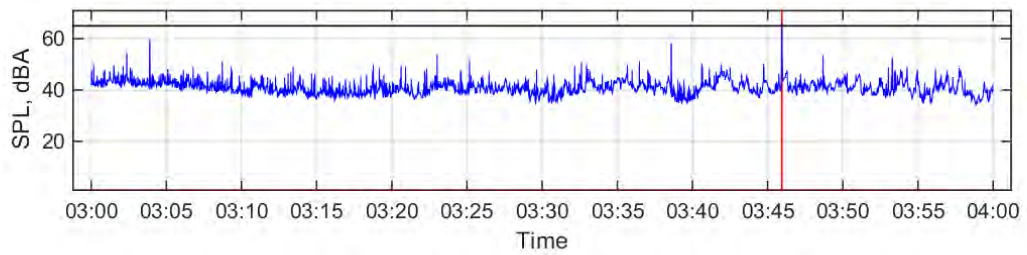
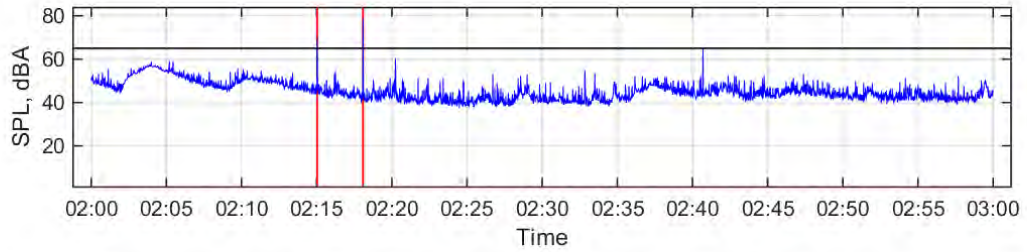
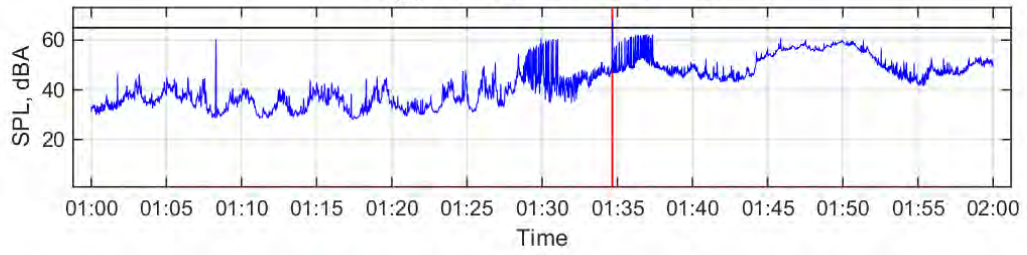
**Start Date:** 22/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	45.4	48.7	42.1	49.0	46.3	40.5	42.8	47.9	52.4
Event average L <sub>AMax</sub>				68.1	74.1	65.9		65.8	69.5
Number events	0	0	0	1	2	1	0	3 <sup>1</sup>	8 <sup>1</sup>

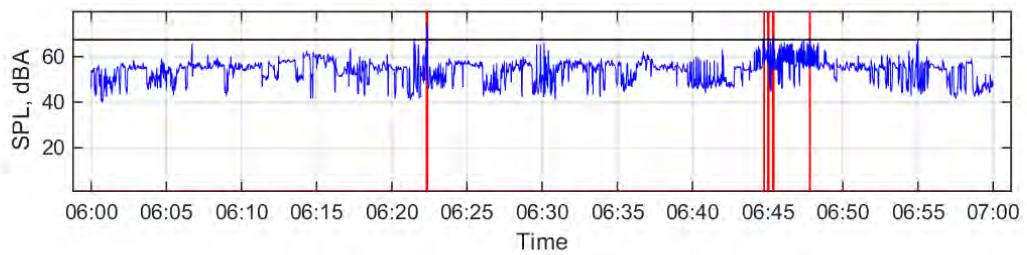
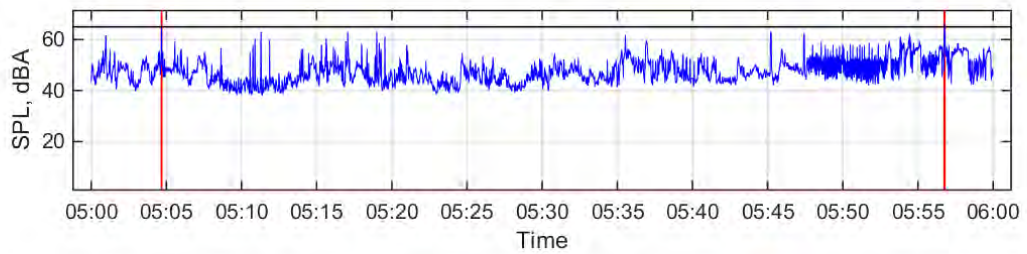
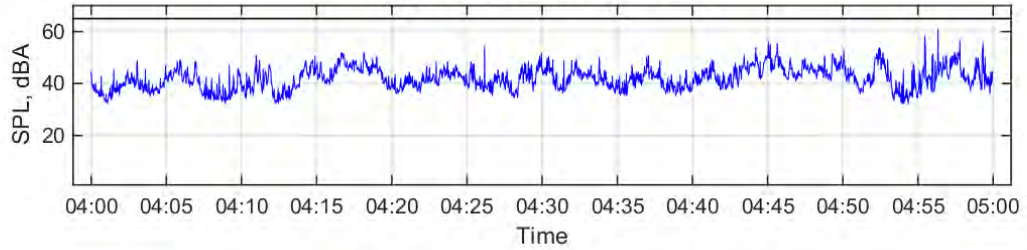
**Note:** Noise from birds contributed to the number of events



Logger:L24, Start Date:22-08-16



Logger:L24, Start Date:22-08-16

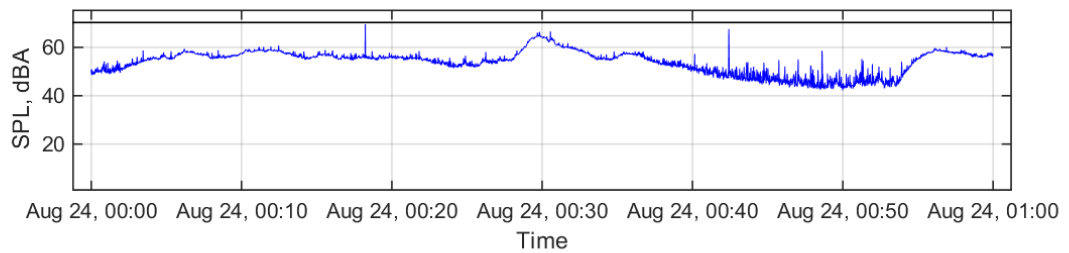
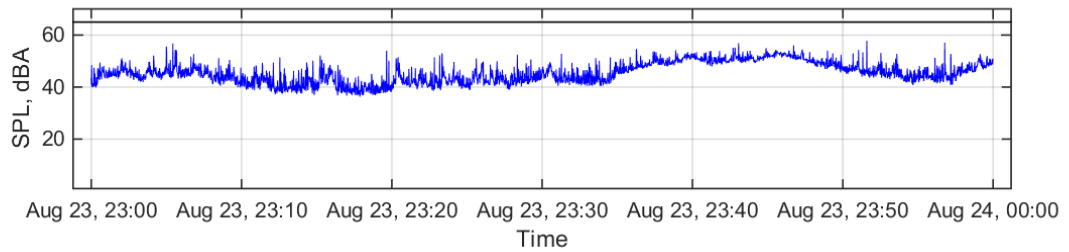
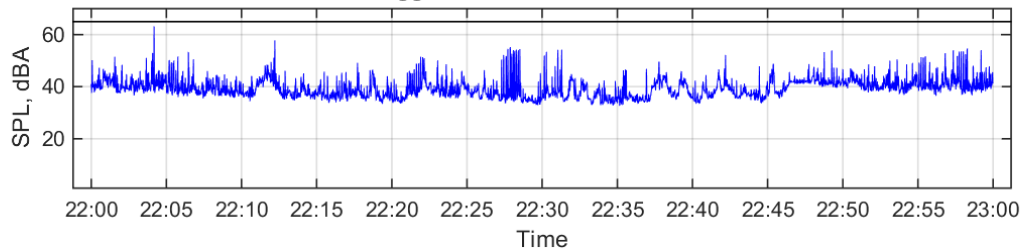


**Logger:** L24, 85 Parkway Drive, Ewingsdale

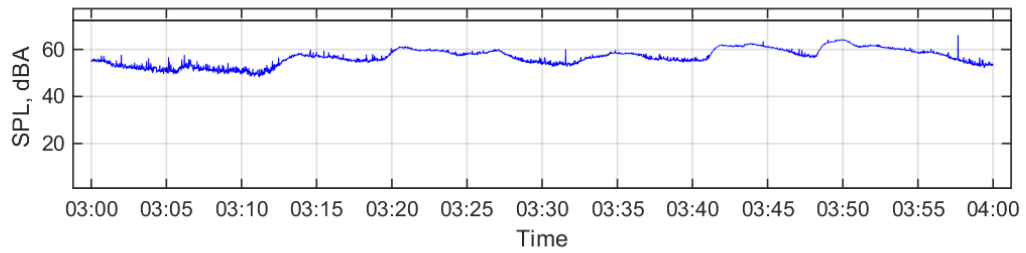
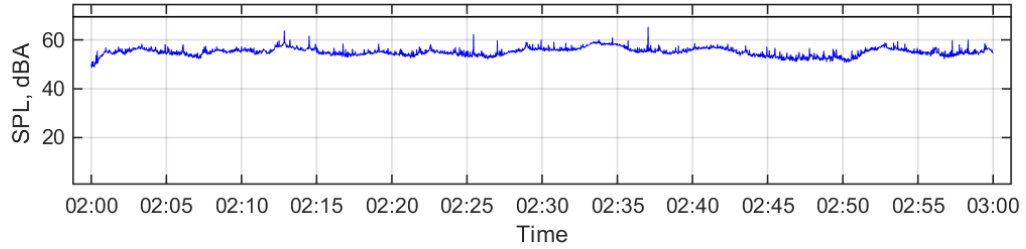
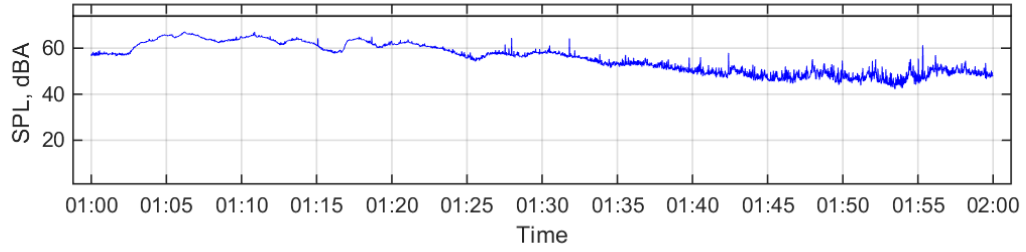
**Start Date:** 23/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	38.8	45.4	55.3	59.0	54.4	57.3	60.7	57.2	54.3
Event average L <sub>AMax</sub>									
Number events	0	0	0	0	0	0	0	0	0

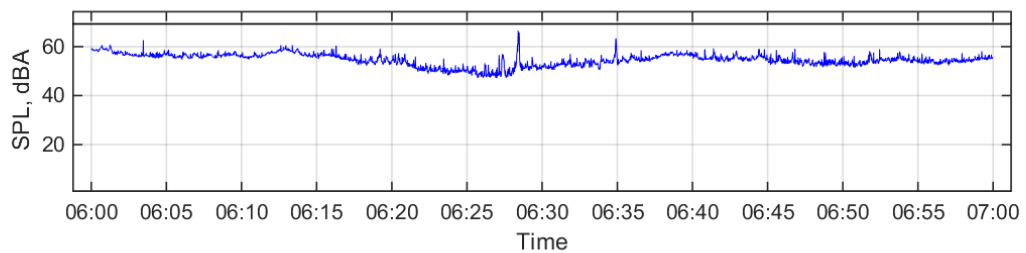
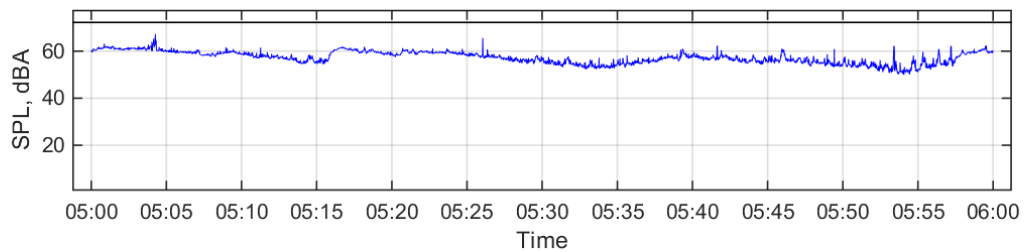
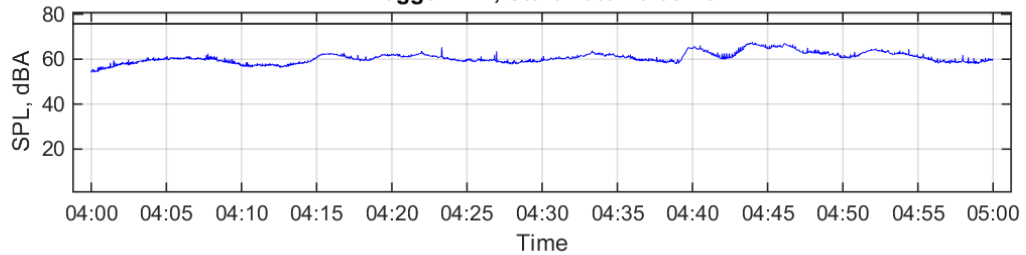
**Logger:L24, Start Date:23-08-16**



Logger:L24, Start Date:23-08-16



Logger:L24, Start Date:23-08-16

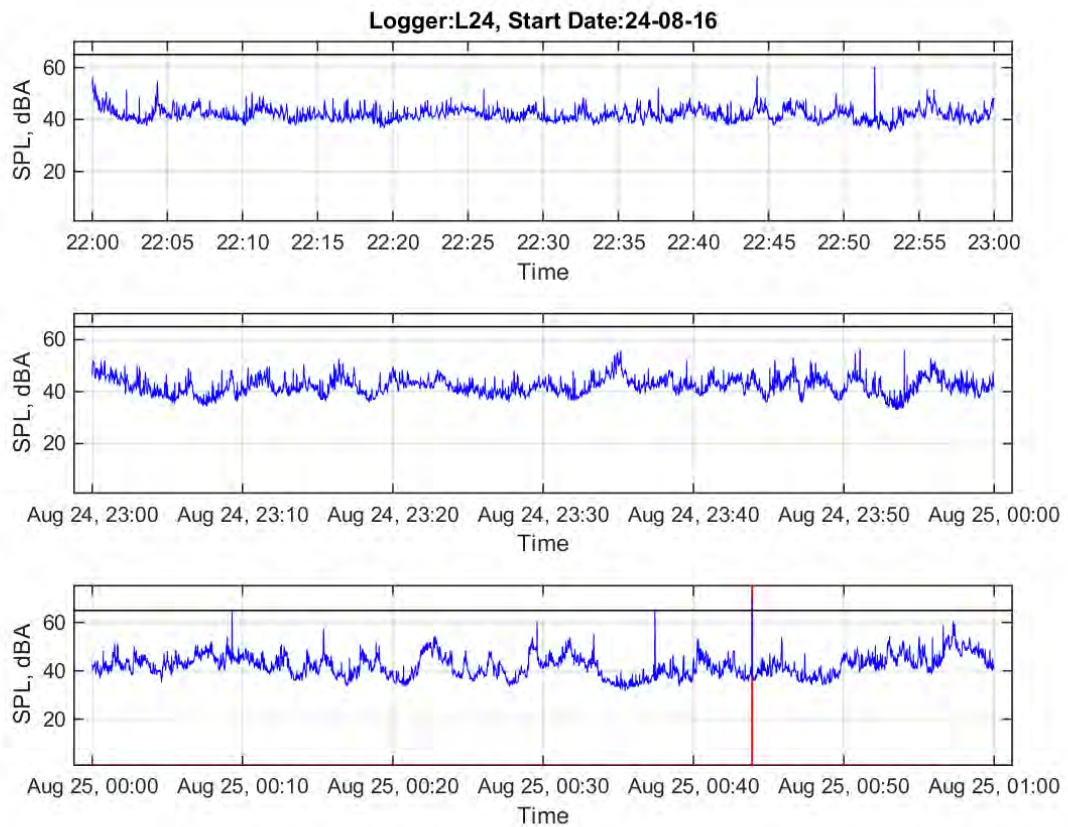


**Logger:** L24, 85 Parkway Drive, Ewingsdale

**Start Date:** 24/08/2016

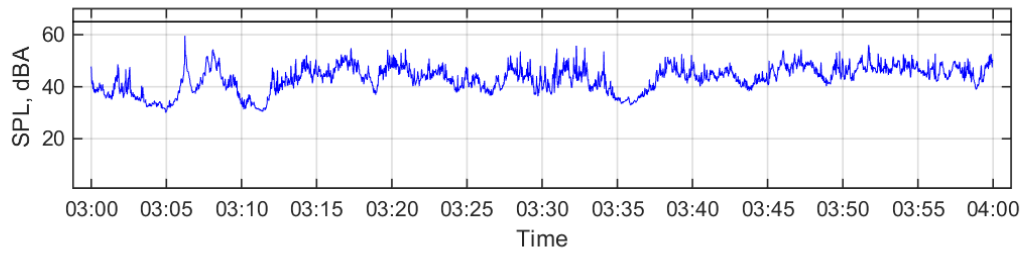
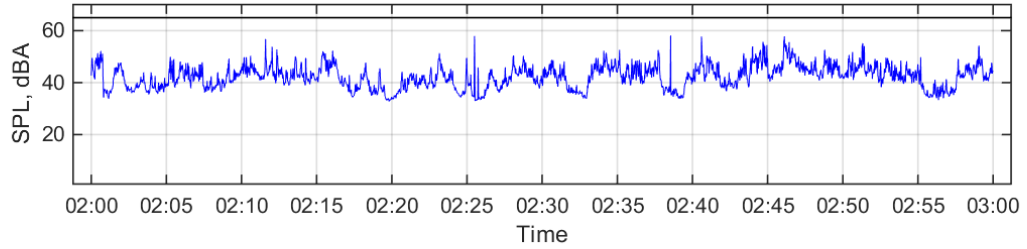
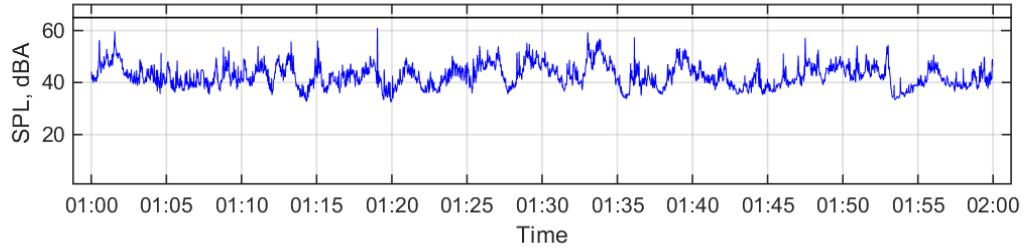
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	41.7	42.4	43.4	43.5	43.1	44.4	45.7	45.7	48.4
Event average L <sub>AMax</sub>			70.2						66.1
Number events	0	0	1	0	0	0	0	0	3 <sup>1</sup>

**Note:** Noise from birds contributed to the number of events

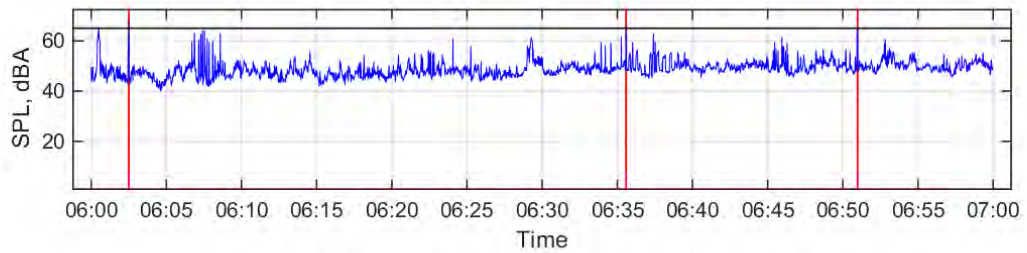
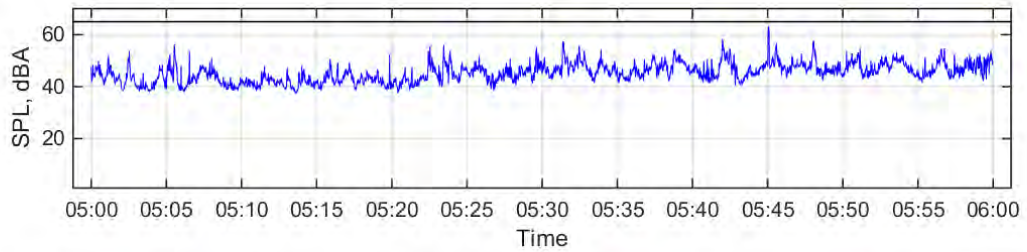
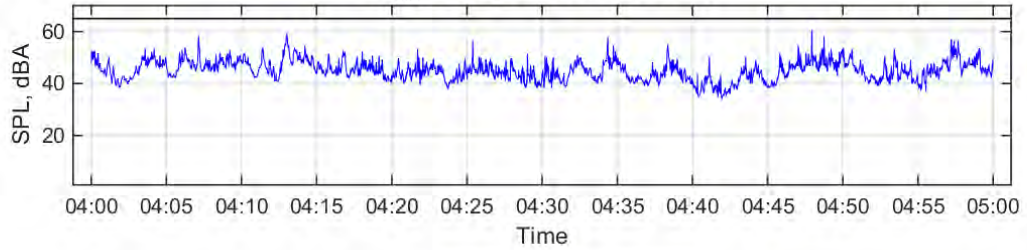




Logger:L24, Start Date:24-08-16



Logger:L24, Start Date:24-08-16



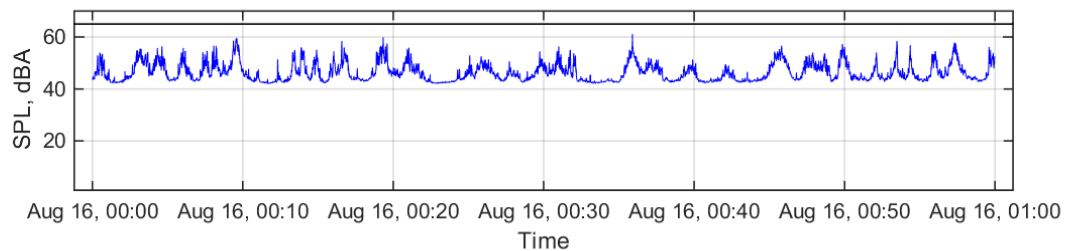
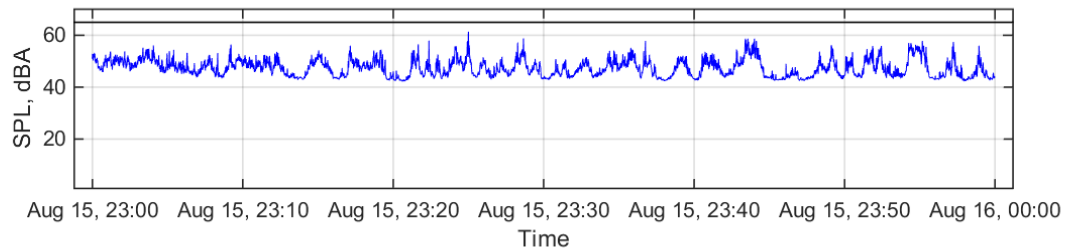
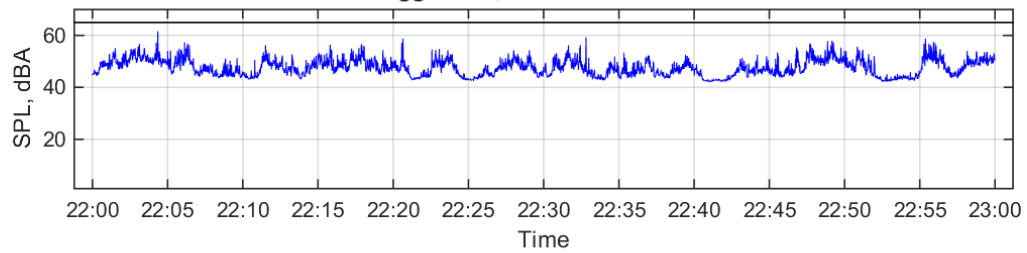
**Logger:** L25, 38 Killen Falls Road, Tintenbar  
**Start Date:** 15/08/2016  
**Location:** Free field



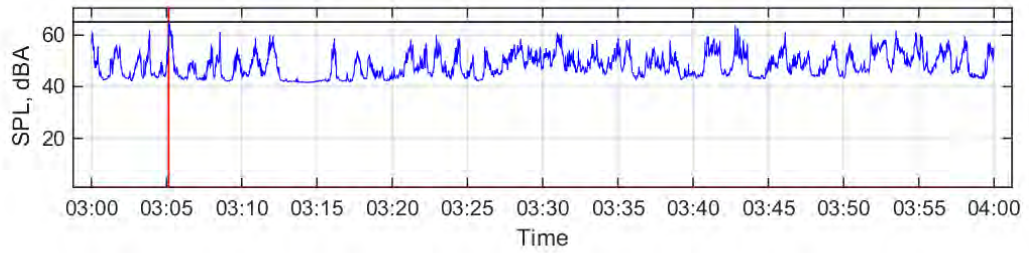
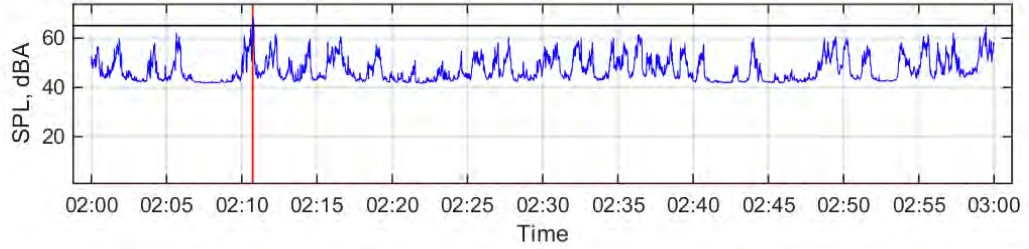
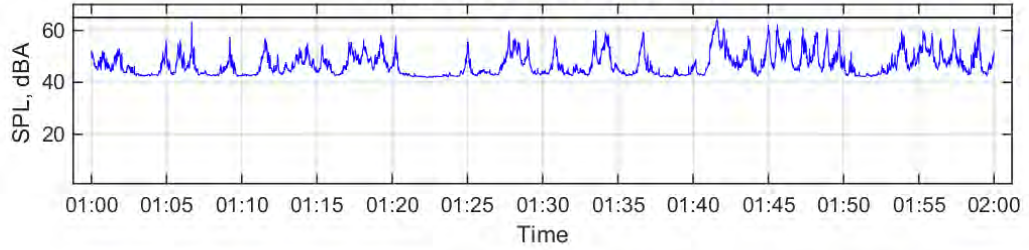
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	48.0	48.0	47.4	49.1	50.1	50.1	49.5	52.7	54.7
Event average L <sub>AMax</sub>					66.9	65.5			71.7
Number events	0	0	0	0	1	1	0	0	17 <sup>1</sup>

<sup>1</sup>Note: Noise from birds contributed to the number of events

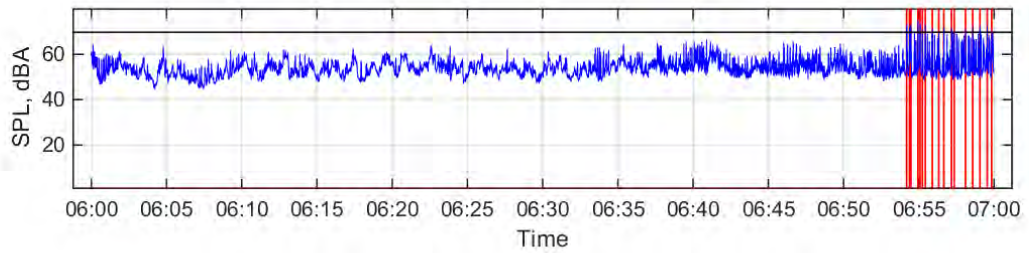
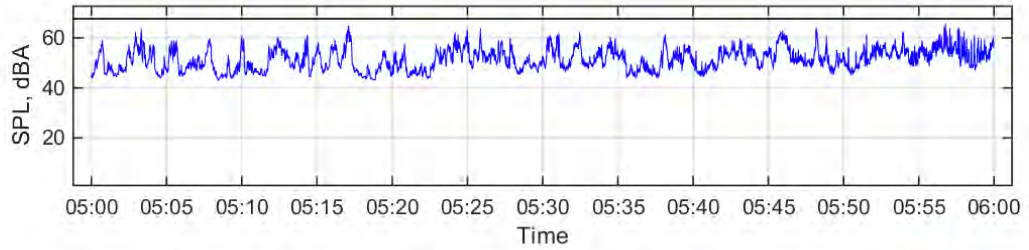
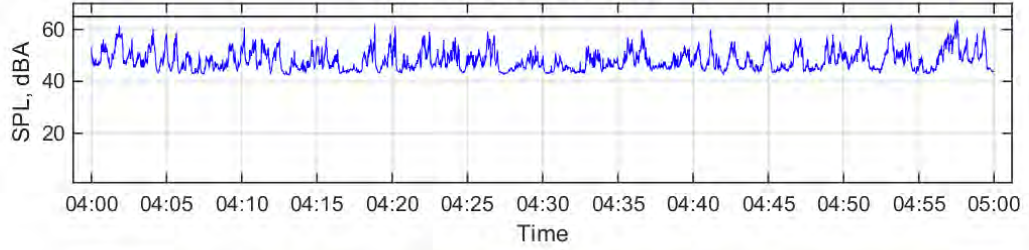
Logger:L25, Start Date:15-08-16



Logger:L25, Start Date:15-08-16



Logger:L25, Start Date:15-08-16

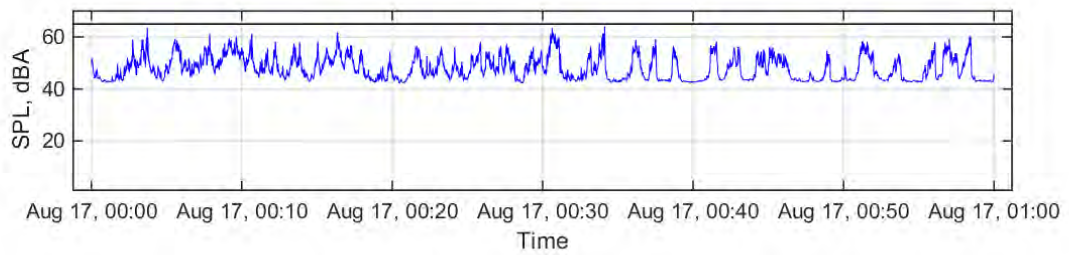
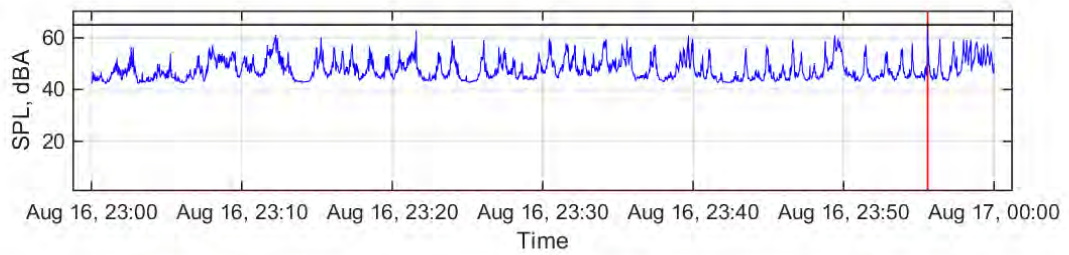
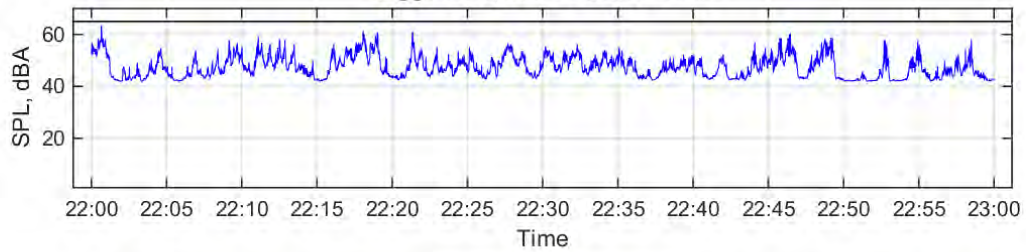


**Logger:** L25, 38 Killen Falls Road, Tintenbar

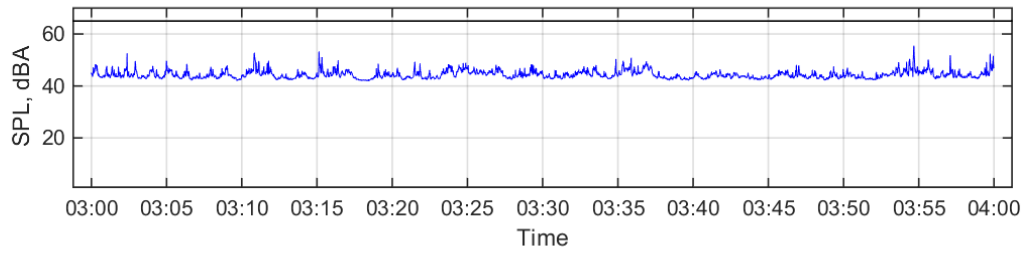
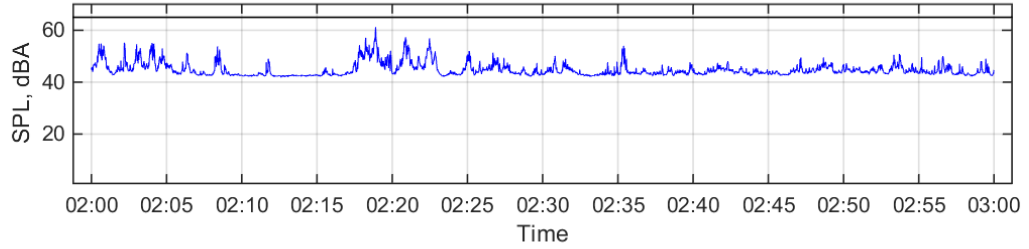
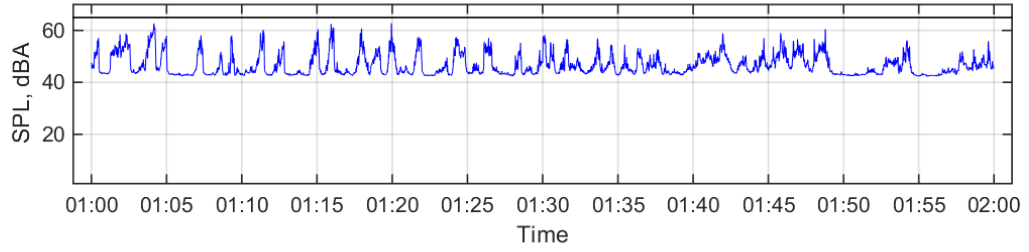
**Start Date:** 16/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	48.9	49.3	49.9	48.4	45.4	44.2	45.2	47.5	50.2
Event average L <sub>AMax</sub>		65.3							
Number events	0	1	0	0	0	0	0	0	0

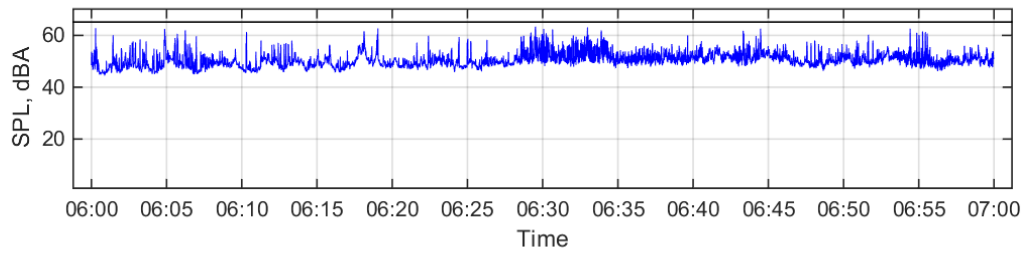
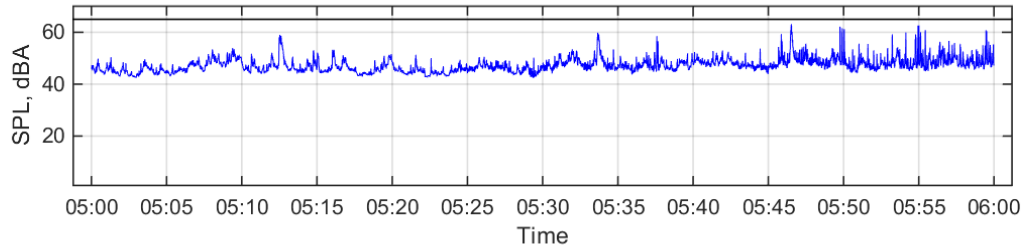
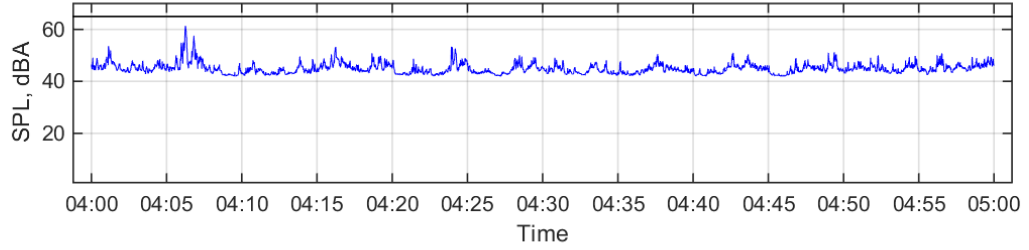
**Logger:L25, Start Date:16-08-16**



Logger:L25, Start Date:16-08-16



Logger:L25, Start Date:16-08-16

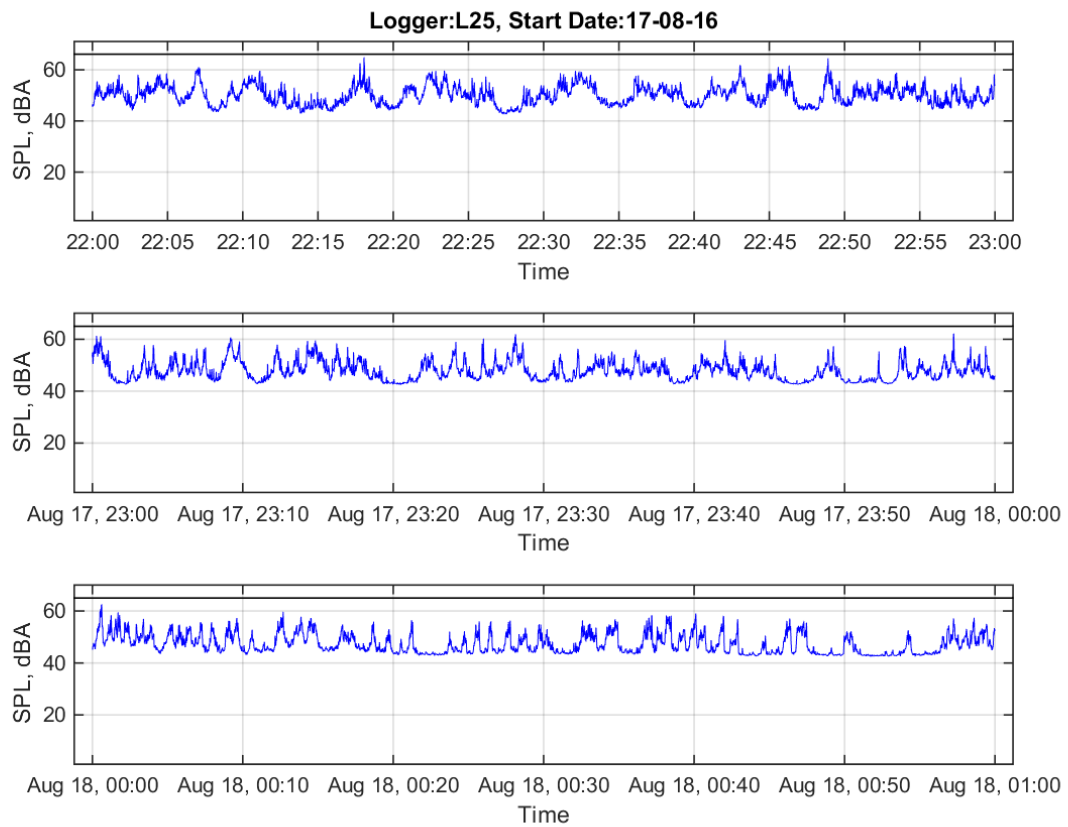


Logger: L25, 38 Killen Falls Road, Tintenbar

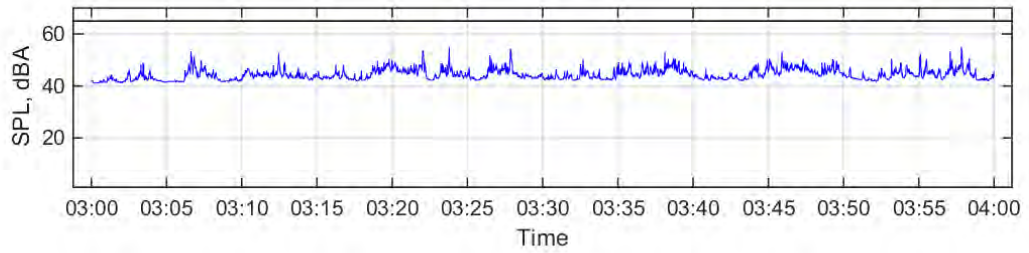
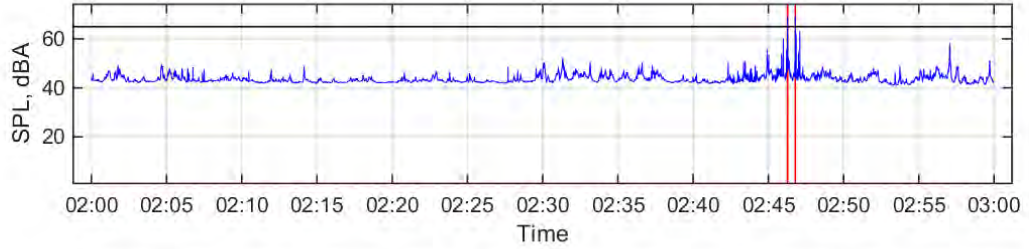
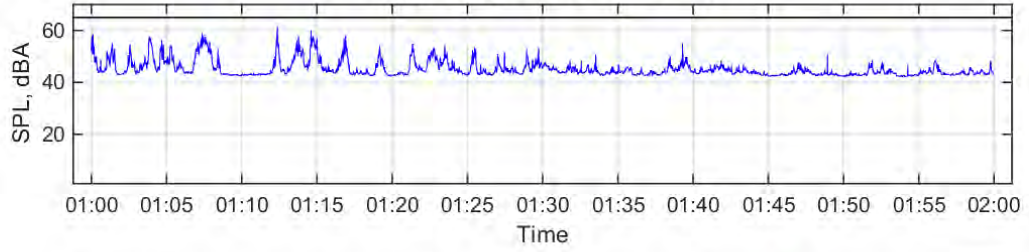
**Start Date:** 17/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	51.1	49.0	48.6	46.2	43.7	44.5	46.9	50.2	51.4
Event average L <sub>AMax</sub>					68.5			71.1	67.9
Number events	0	0	0	0	2	0	0	2 <sup>1</sup>	11 <sup>1</sup>

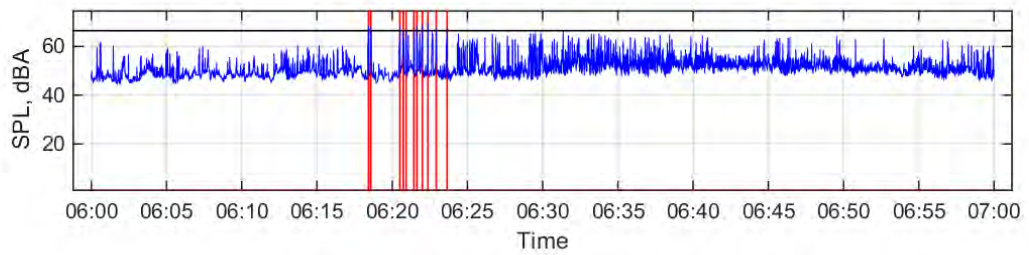
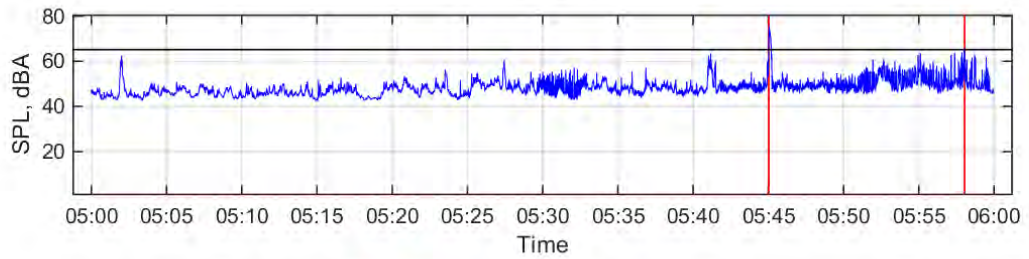
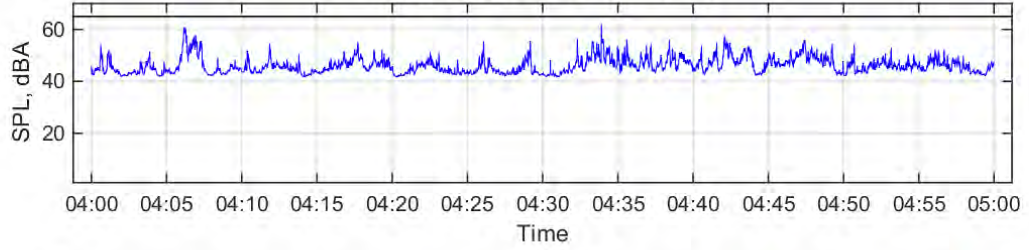
**Note:** Noise from birds contributed to the number of events



Logger:L25, Start Date:17-08-16



Logger:L25, Start Date:17-08-16

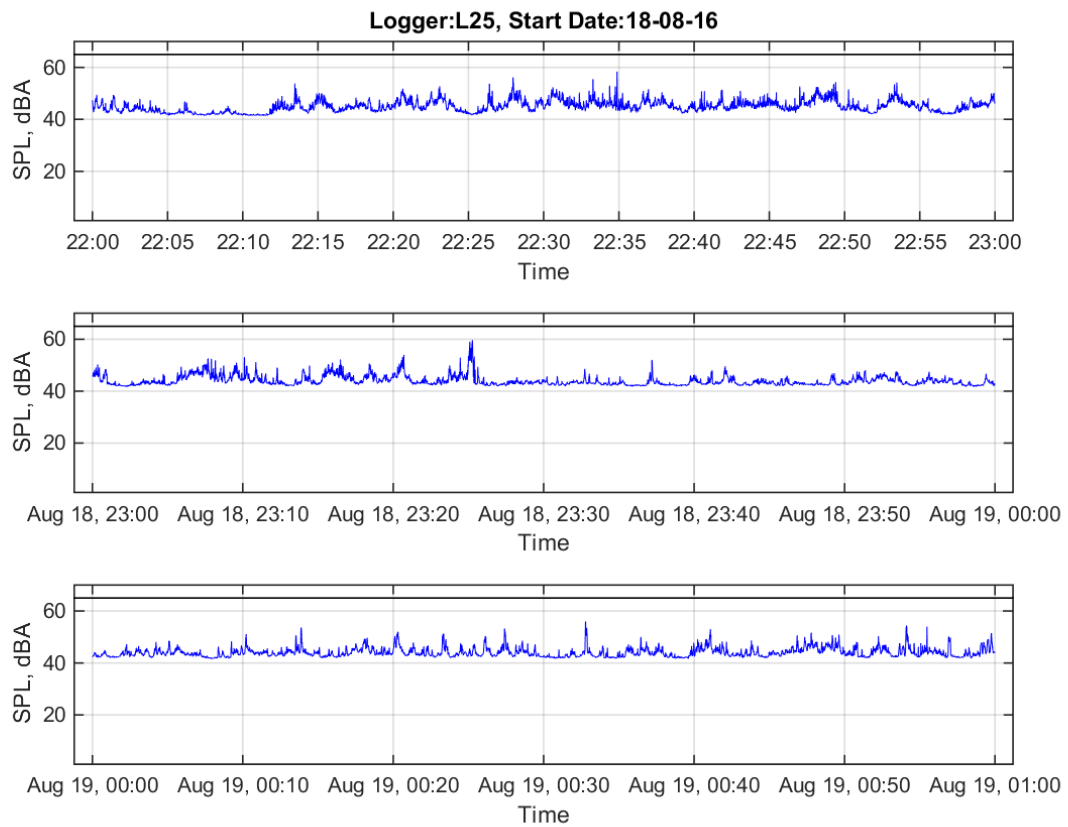


**Logger:** L25, 38 Killen Falls Road, Tintenbar

**Start Date:** 18/08/2016

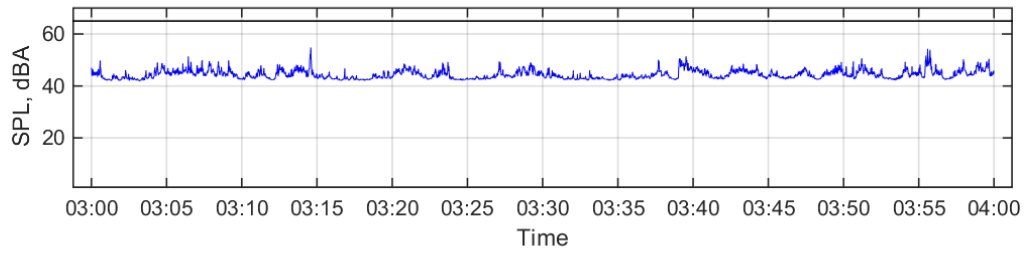
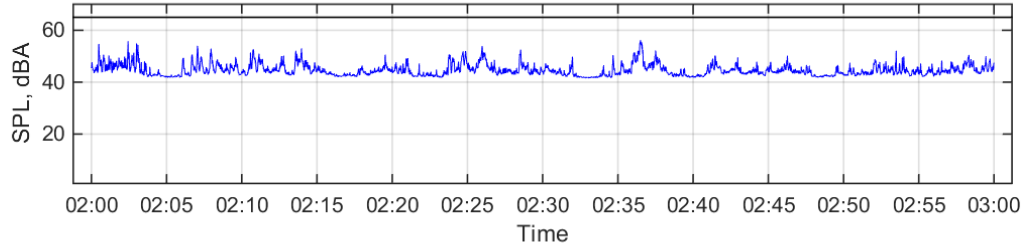
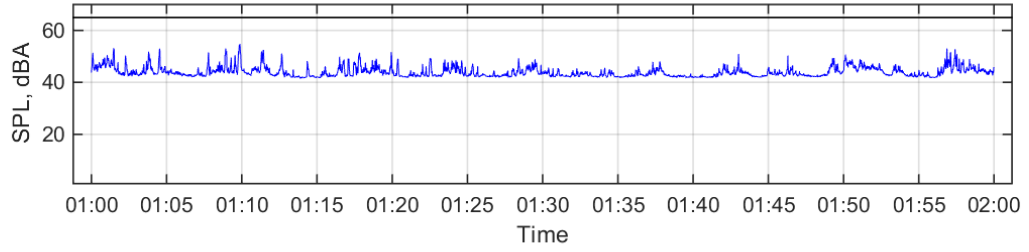
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	45.1	44.2	44.1	44.1	44.9	44.3	45.3	46.5	48.1
Event average L <sub>AMax</sub>									66.4
Number events	0	0	0	0	0	0	0	0	5 <sup>1</sup>

**Note:** Noise from birds contributed to the number of events

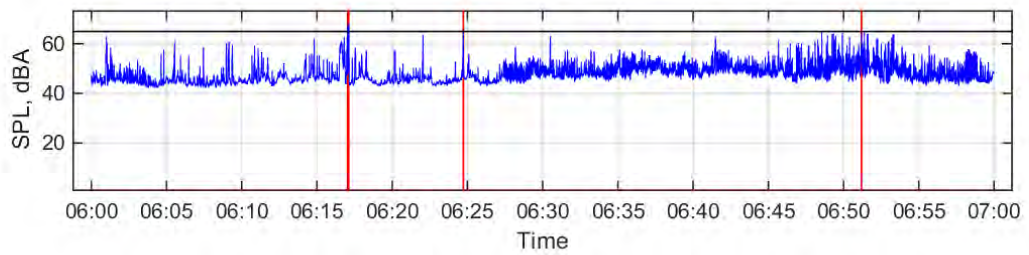
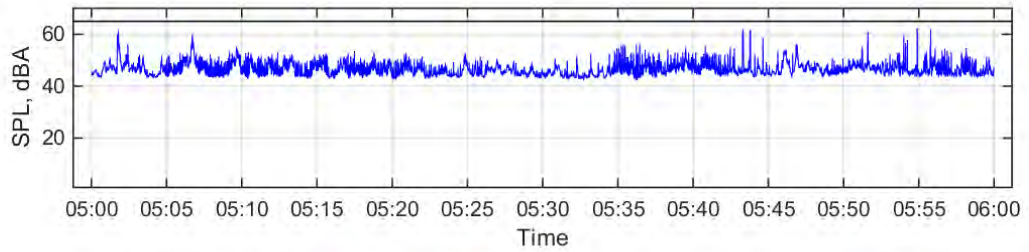
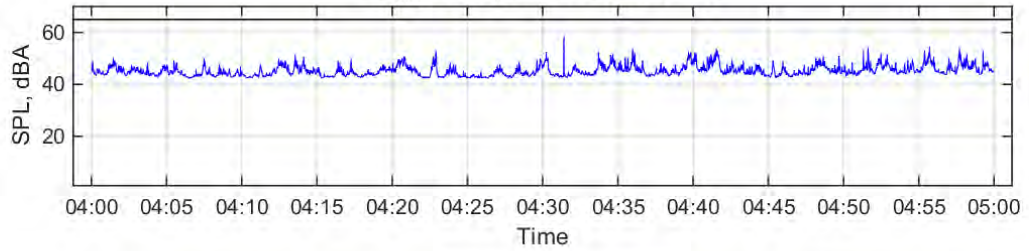




Logger:L25, Start Date:18-08-16



Logger:L25, Start Date:18-08-16

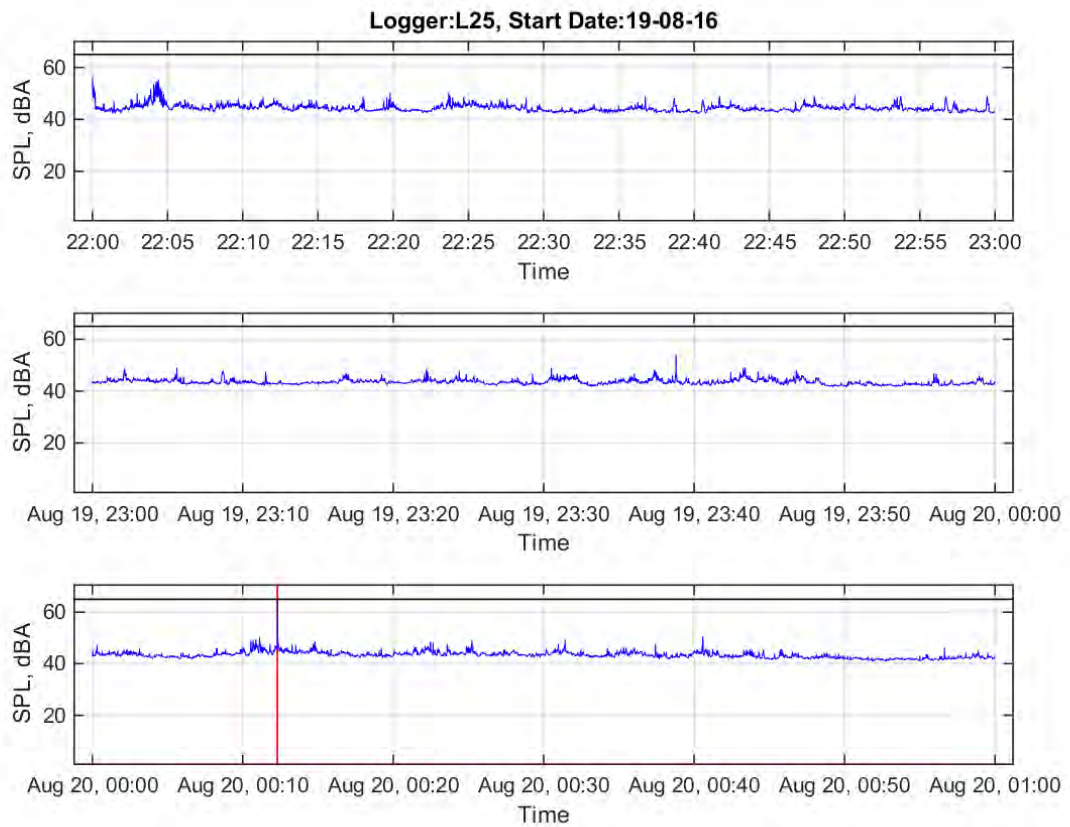


**Logger:** L25, 38 Killen Falls Road, Tintenbar

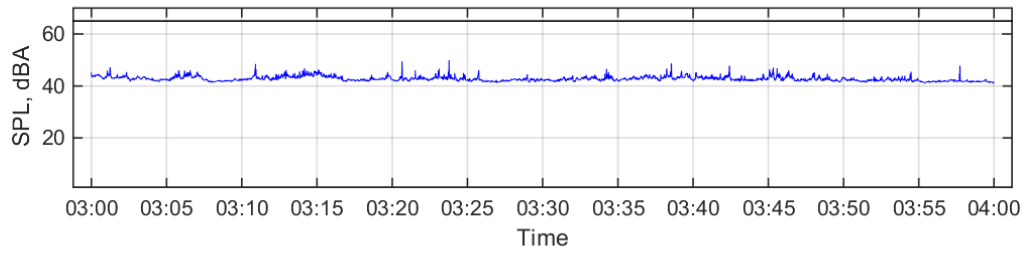
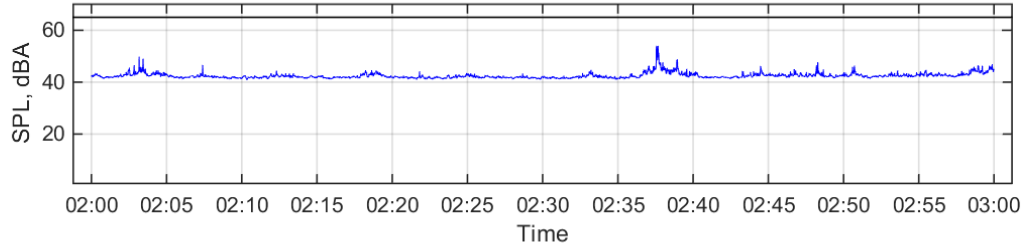
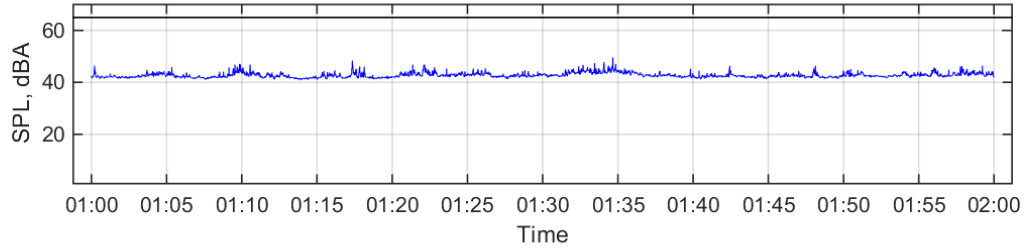
**Start Date:** 19/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	44.2	43.3	43.2	42.5	42.3	42.5	42.7	46.0	48.4
Event average L <sub>AMax</sub>			65.5					65.1	66.9
Number events	0	0	1	0	0	0	0	1 <sup>1</sup>	26 <sup>1</sup>

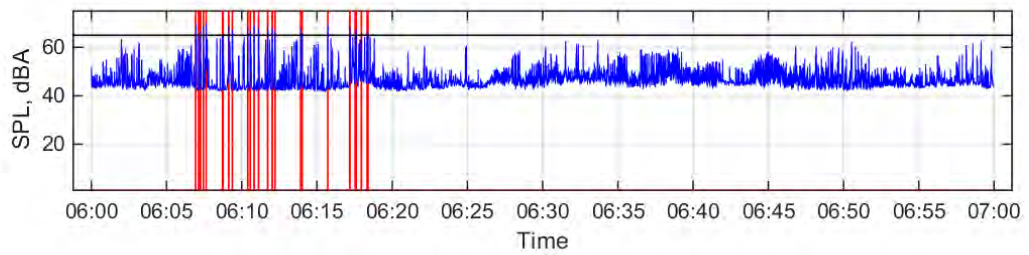
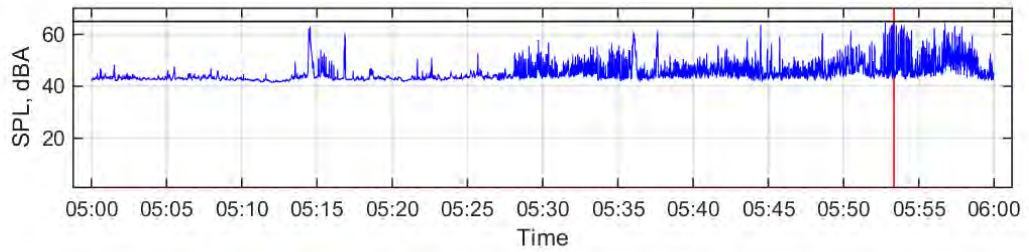
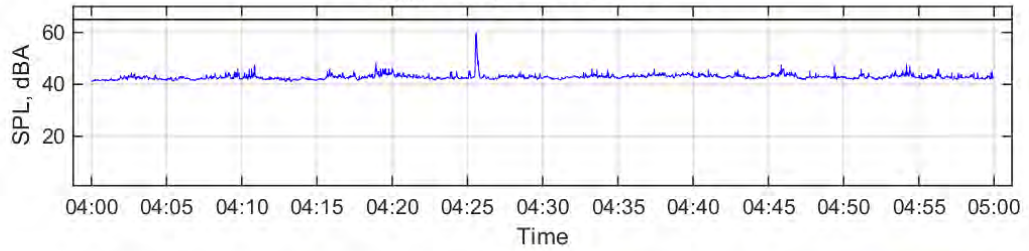
**Note:** Noise from birds contributed to the number of events



Logger:L25, Start Date:19-08-16



Logger:L25, Start Date:19-08-16

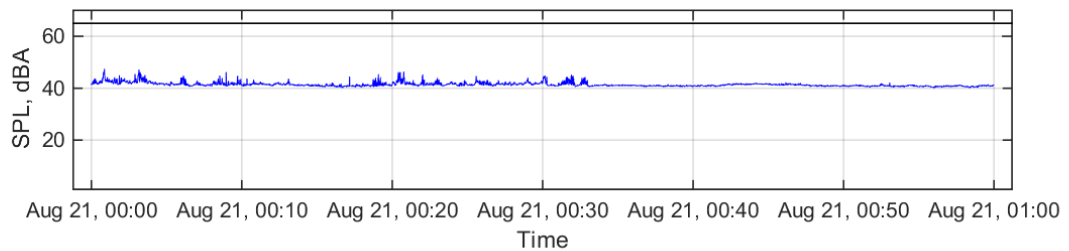
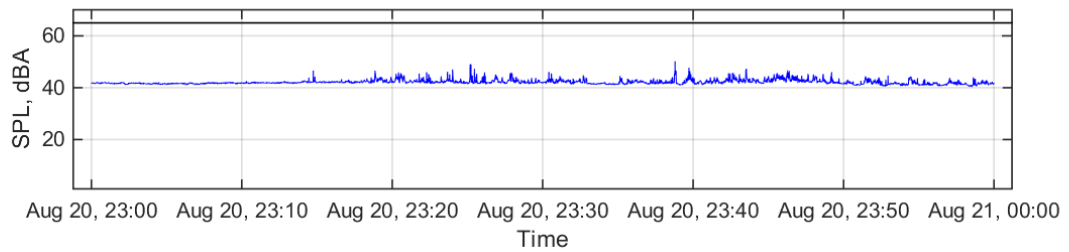
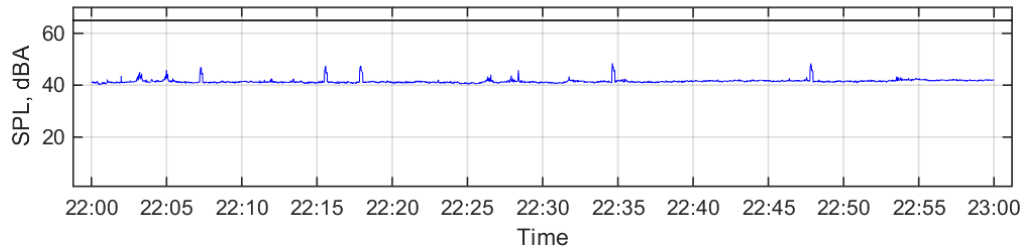


**Logger:** L25, 38 Killen Falls Road, Tintenbar

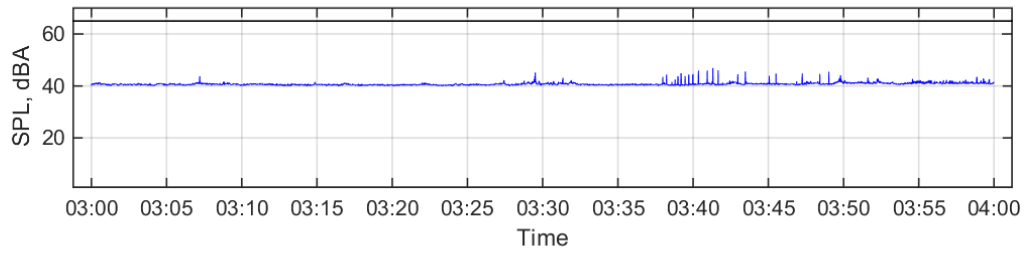
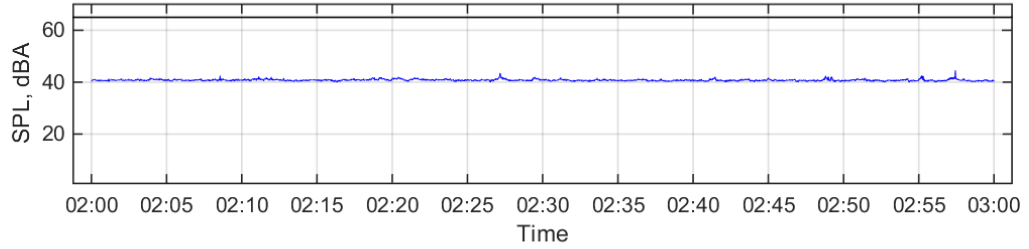
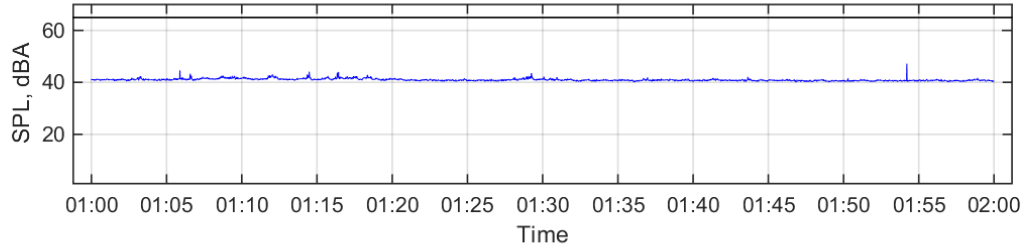
**Start Date:** 20/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	41.2	41.8	41.1	40.7	40.5	40.4	41.0	45.4	45.6
Event average L <sub>AMax</sub>									
Number events	0	0	0	0	0	0	0	0	0

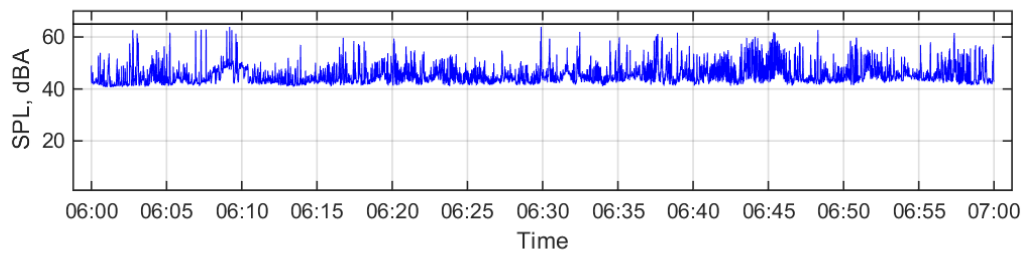
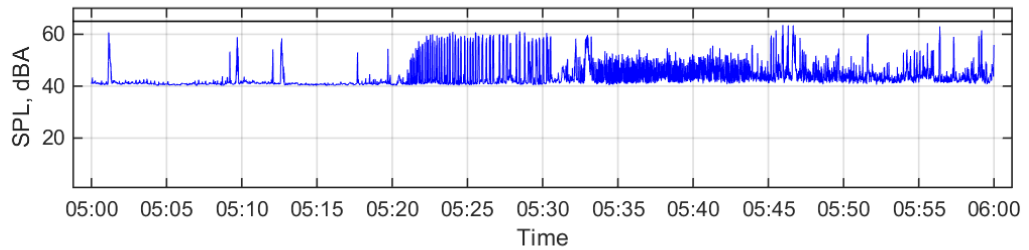
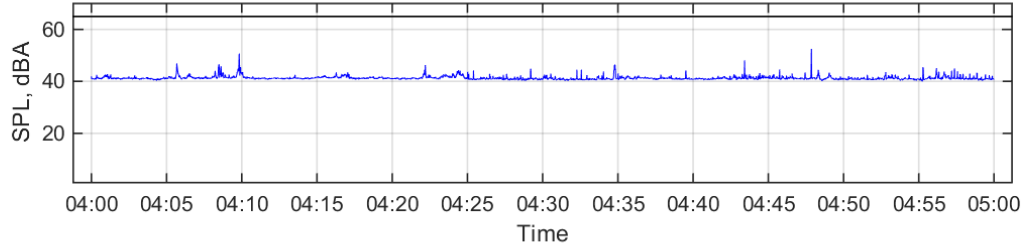
**Logger:L25, Start Date:20-08-16**



Logger:L25, Start Date:20-08-16



Logger:L25, Start Date:20-08-16

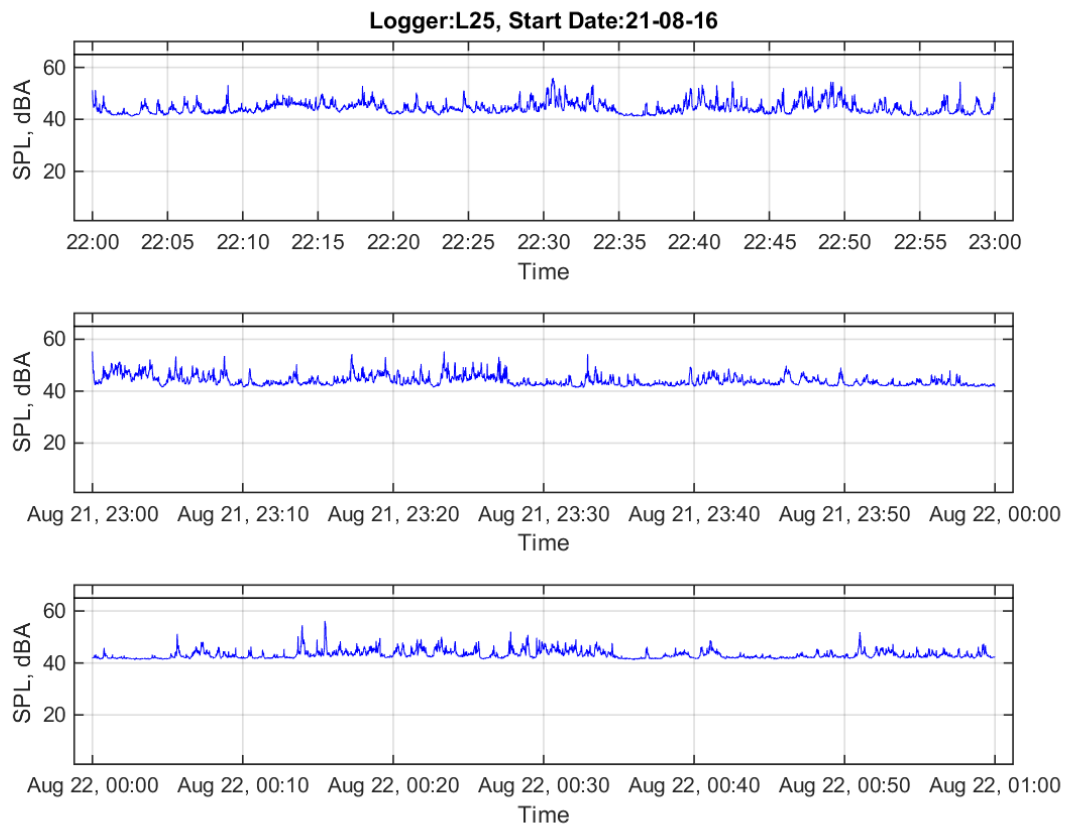


Logger: L25, 38 Killen Falls Road, Tintenbar

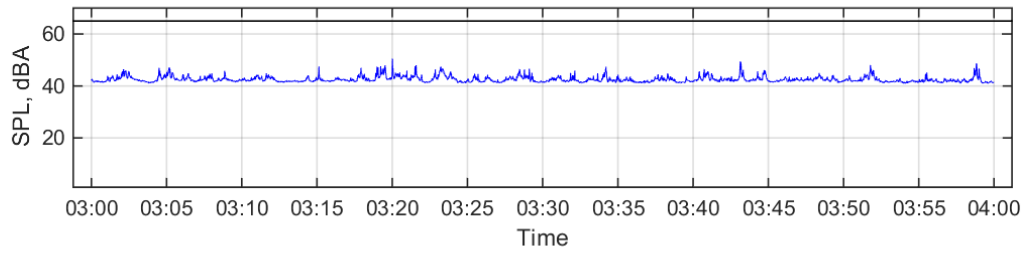
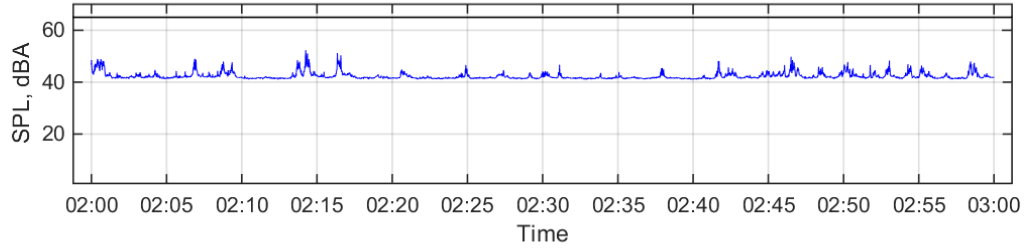
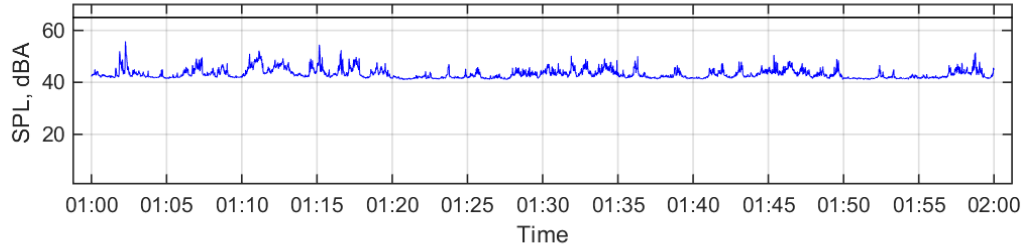
Start Date: 21/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	44.7	44.2	43.2	43.3	42.2	42.3	43.1	47.0	48.6
Event average L <sub>AMax</sub>								66.4	
Number events	0	0	0	0	0	0	0	3 <sup>1</sup>	0

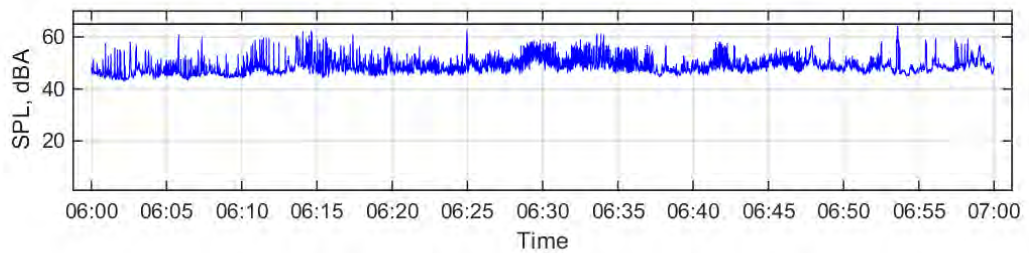
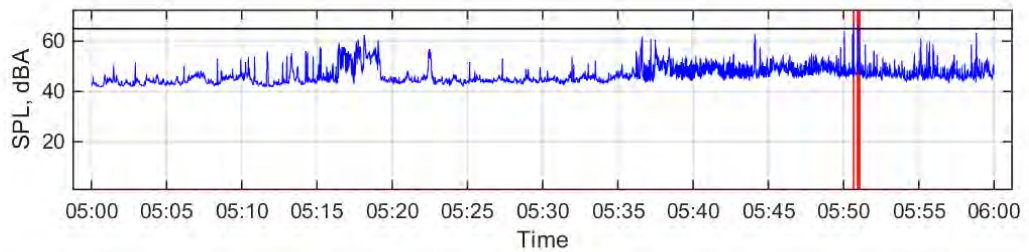
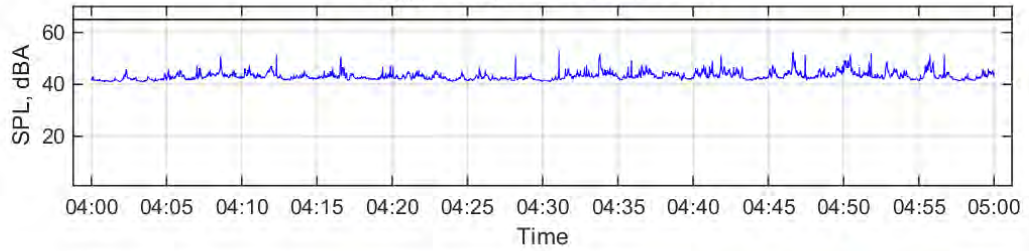
<sup>1</sup>Note: Noise from birds contributed to the number of events



Logger:L25, Start Date:21-08-16



Logger:L25, Start Date:21-08-16

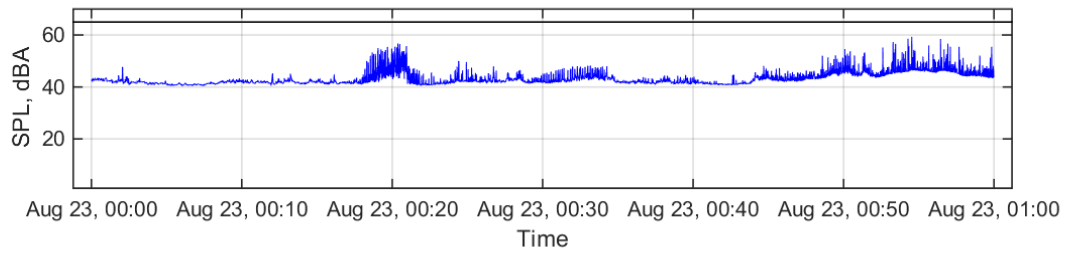
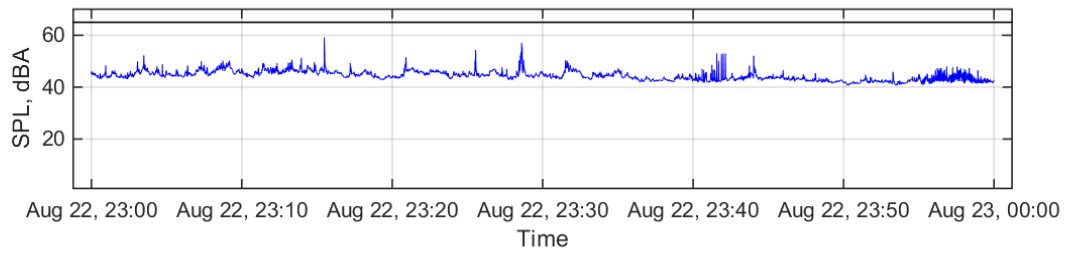
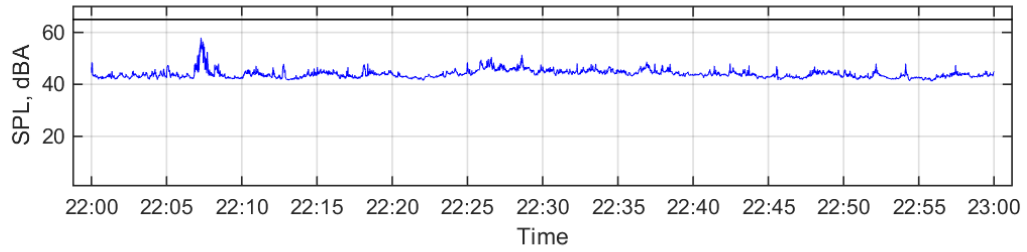


Logger: L25, 38 Killen Falls Road, Tintenbar

**Start Date: 22/08/2016**

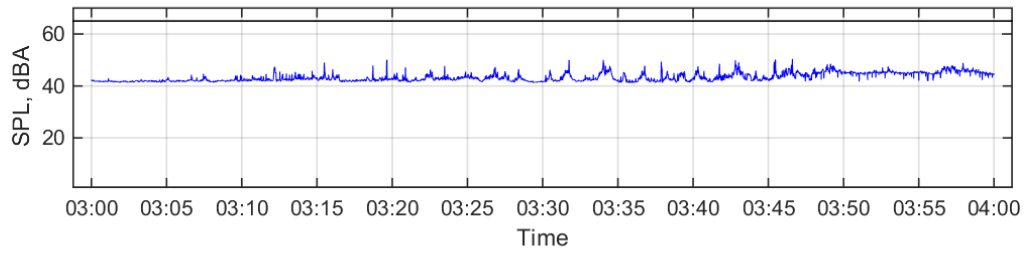
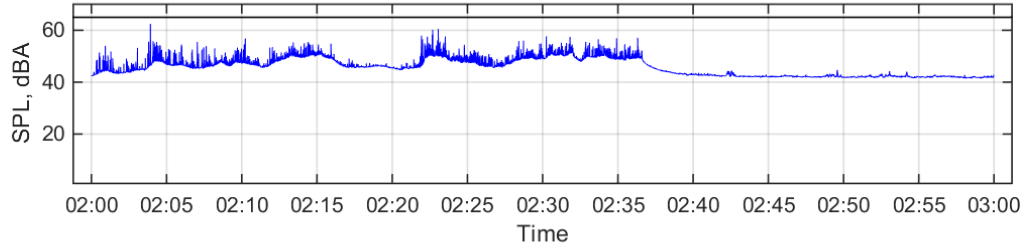
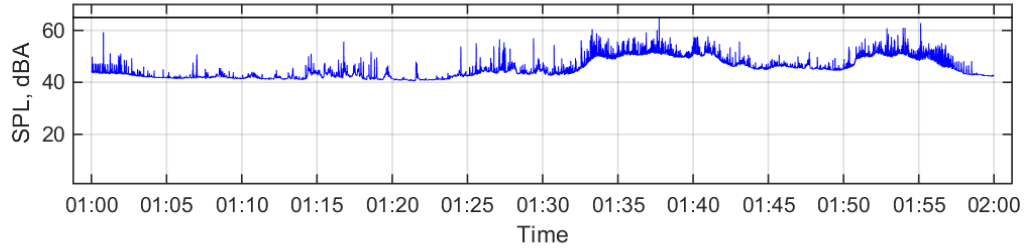
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	43.9	44.4	43.1	46.4	46.5	43.2	45.0	46.5	47.2
Event average L <sub>AMax</sub>									
Number events	0	0	0	0	0	0	0	0	0

**Logger:L25, Start Date:22-08-16**

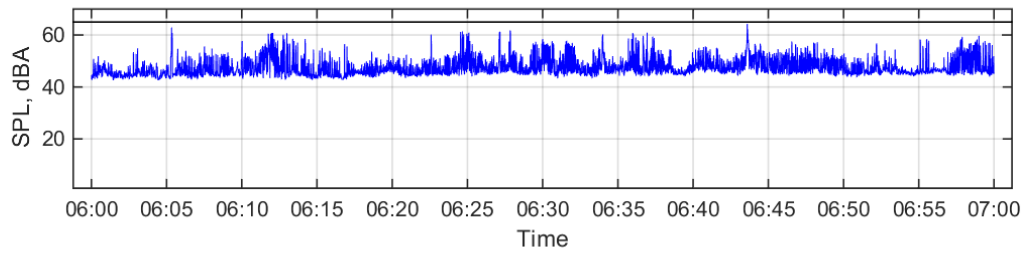
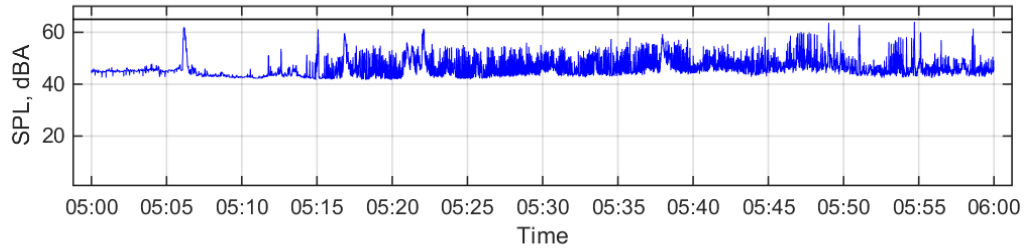
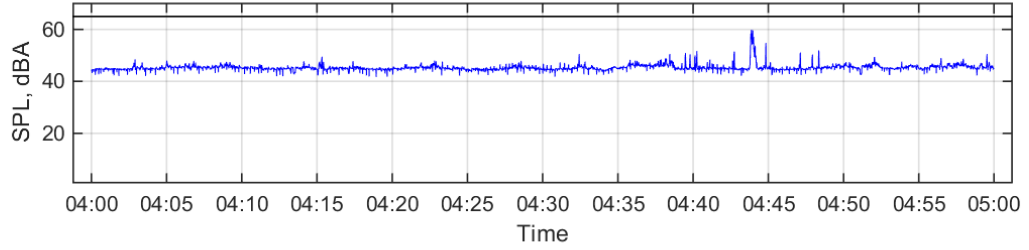




Logger:L25, Start Date:22-08-16



Logger:L25, Start Date:22-08-16

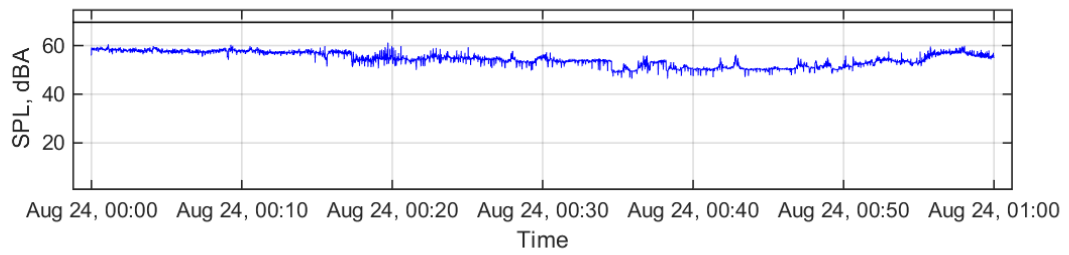
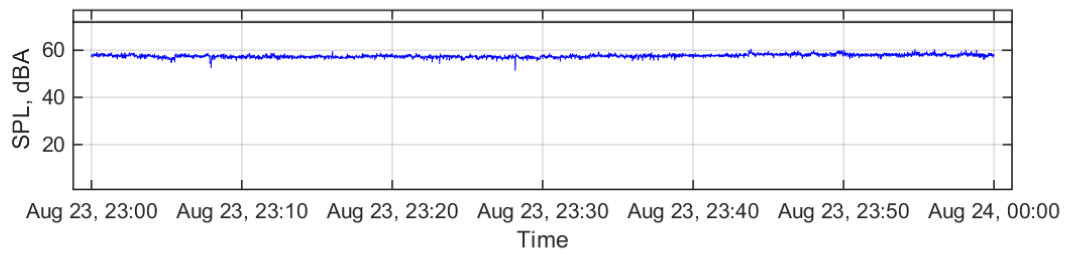
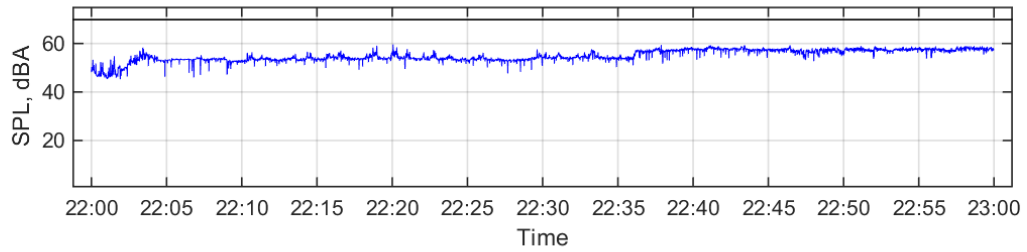


**Start Date:** 23/08/2016

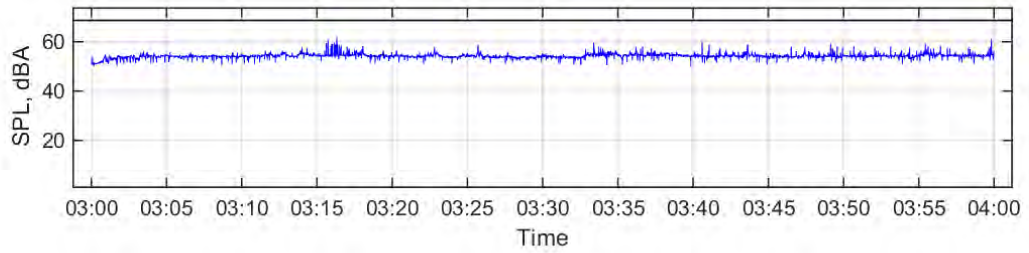
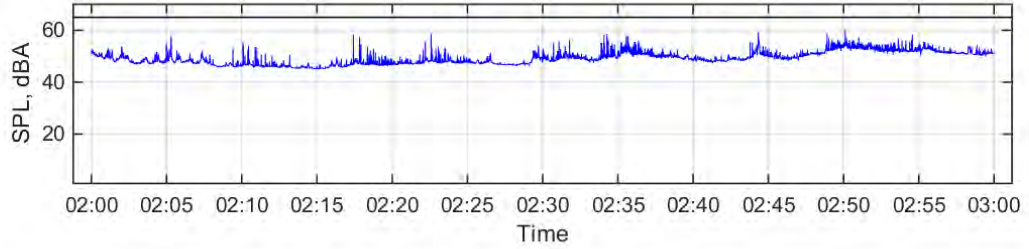
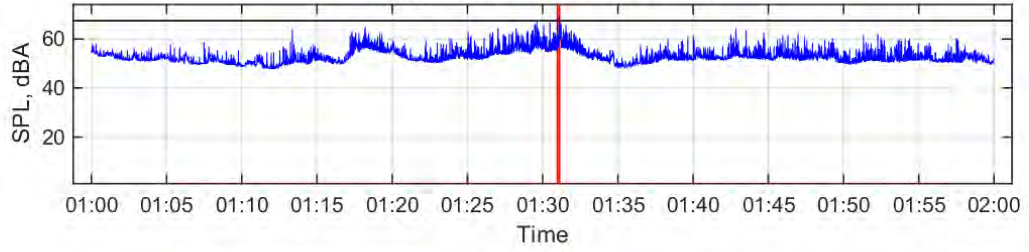
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	54.9	56.9	54.6	52.5	49.3	53.7	54.9	52.9	53.5
Event average L <sub>AMax</sub>				68.9				71.1	68.9
Number events	0	0	0	2	0	0	0	2	1

**Note:** Noise from rain contributed to the number of events

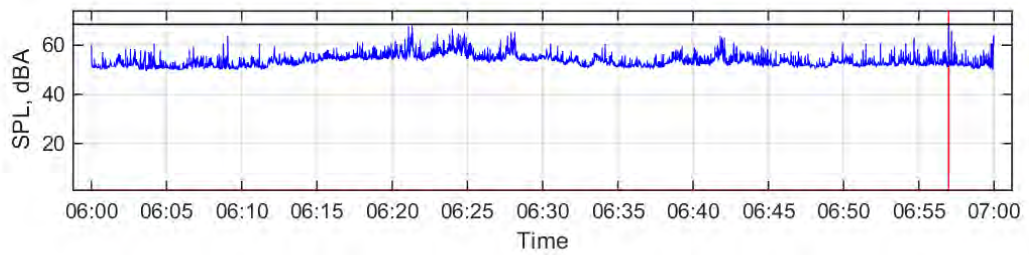
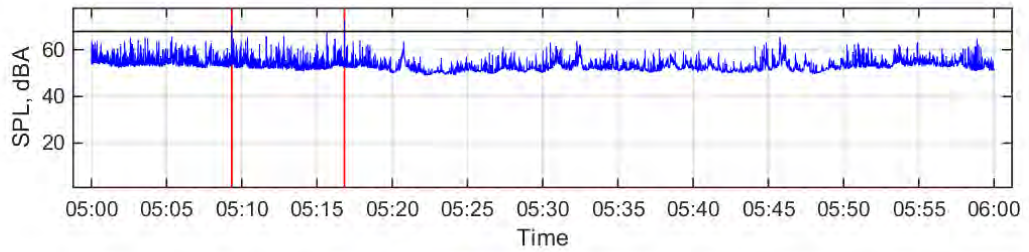
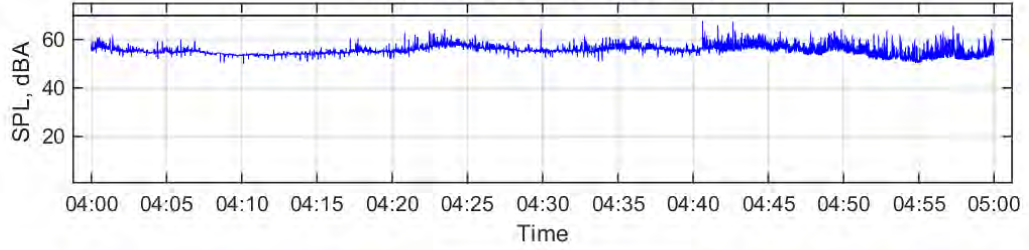
**Logger:L25, Start Date:23-08-16**



Logger:L25, Start Date:23-08-16



Logger:L25, Start Date:23-08-16

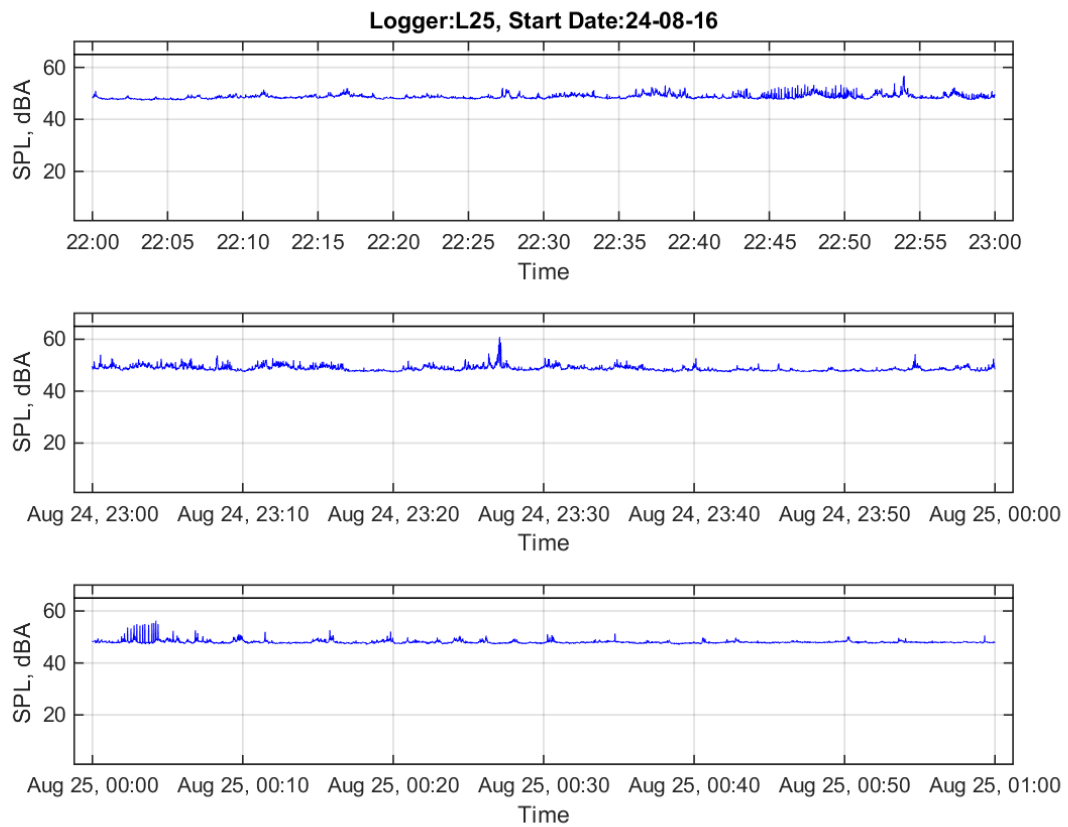


**Logger:** L25, 38 Killen Falls Road, Tintenbar

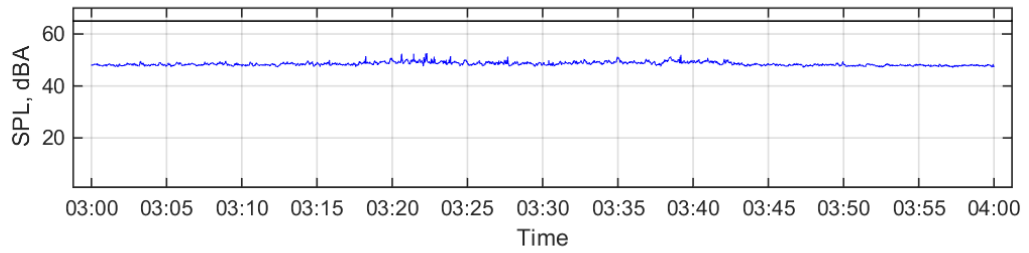
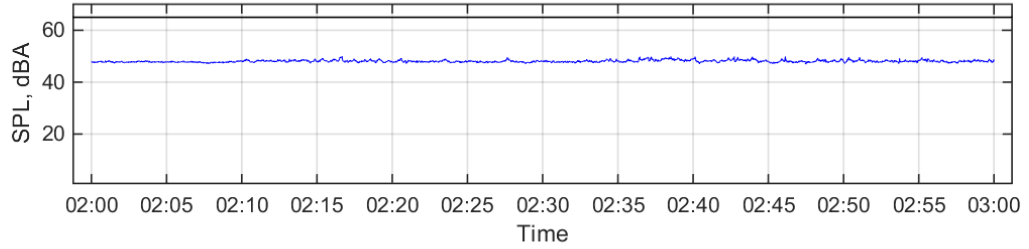
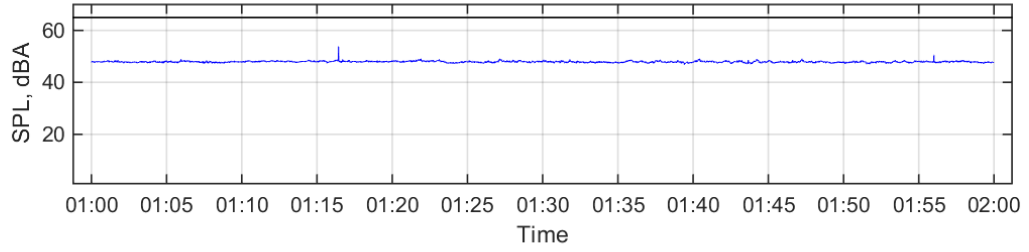
**Start Date:** 24/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	48.4	48.5	47.8	47.6	47.8	48.2	47.7	48.2	49.4
Event average L <sub>AMax</sub>									69.6
Number events	0	0	0	0	0	0	0	0	1 <sup>1</sup>

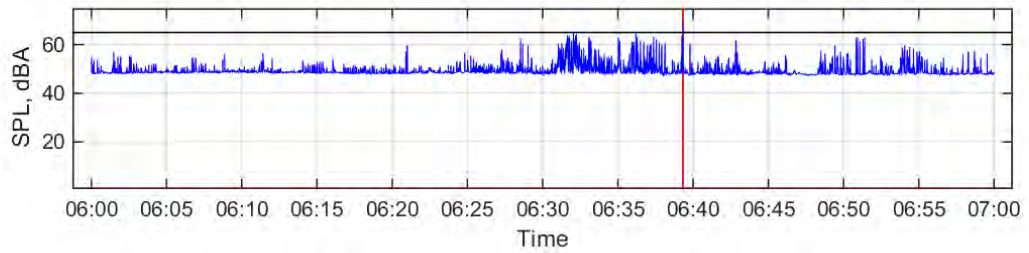
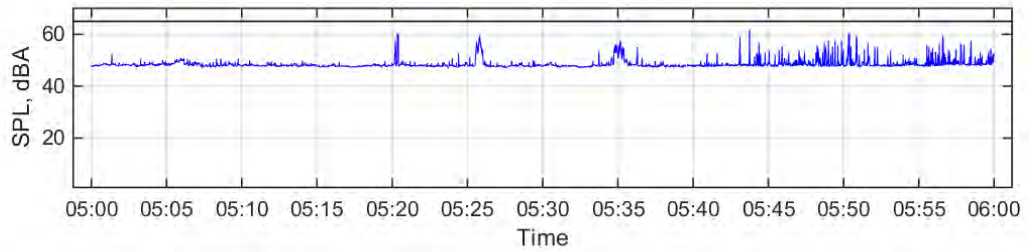
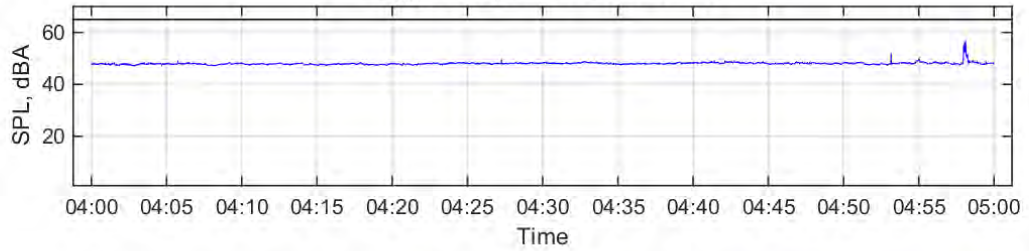
**Note:** Noise from birds contributed to the number of events



Logger:L25, Start Date:24-08-16



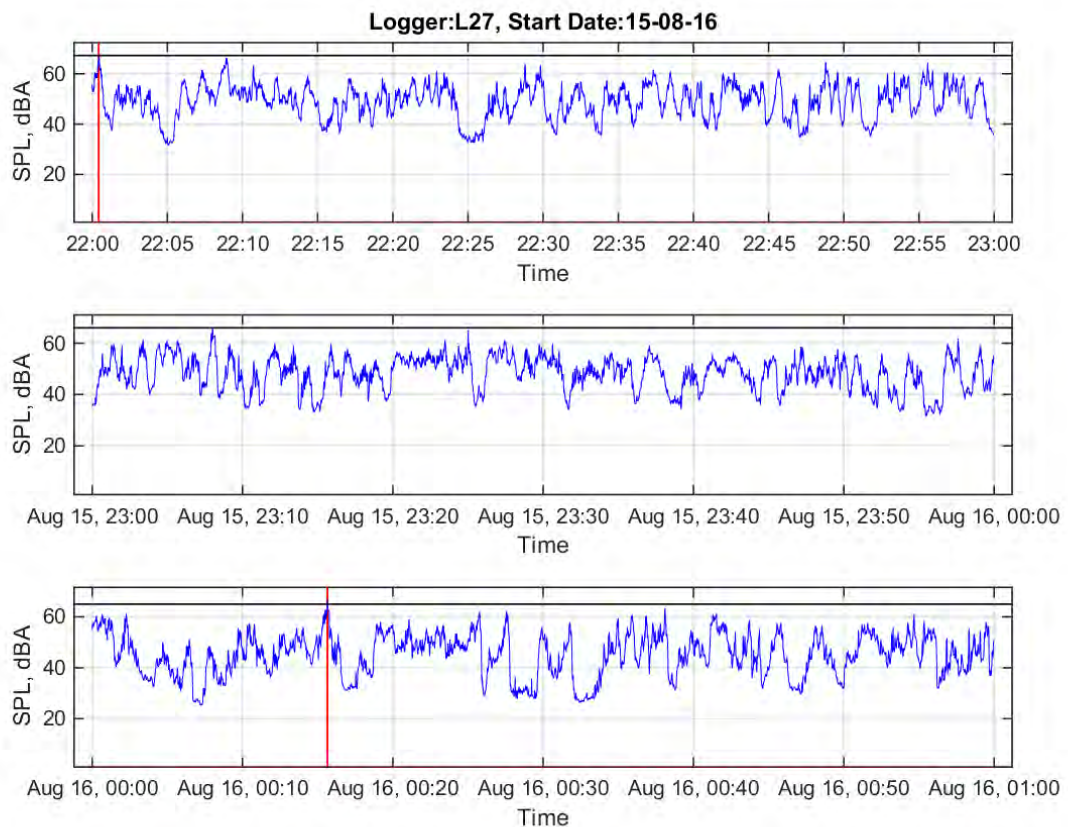
Logger:L25, Start Date:24-08-16



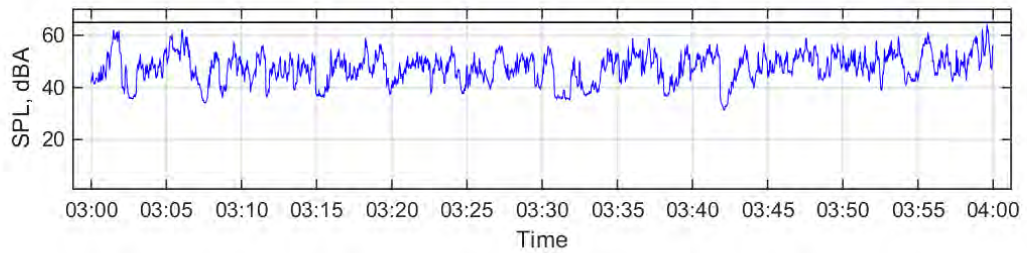
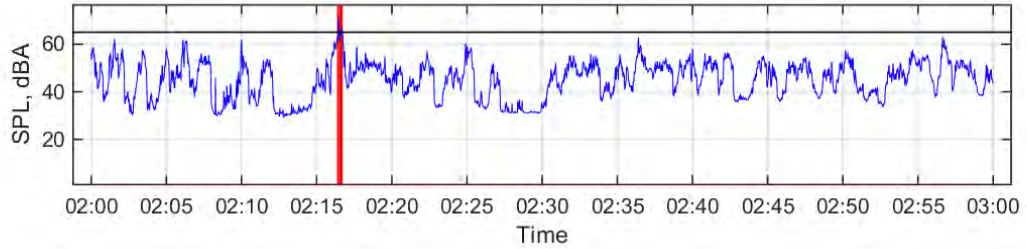
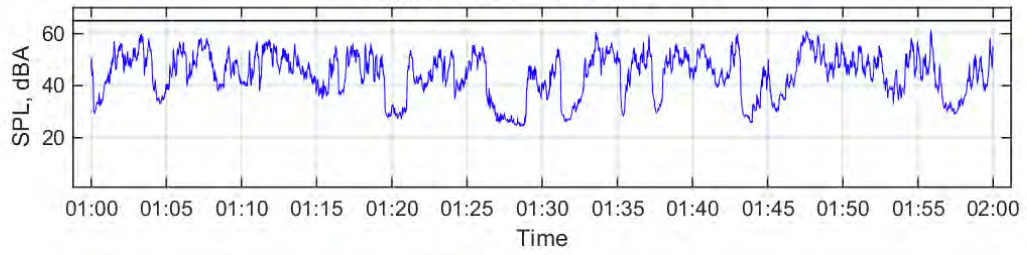
**Logger:** L27, 3 Marblewood Place, Bangalow  
**Start Date:** 15/08/2016  
**Location:** Free field



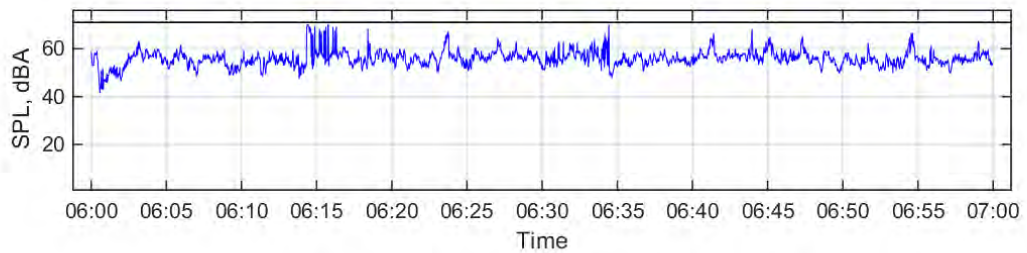
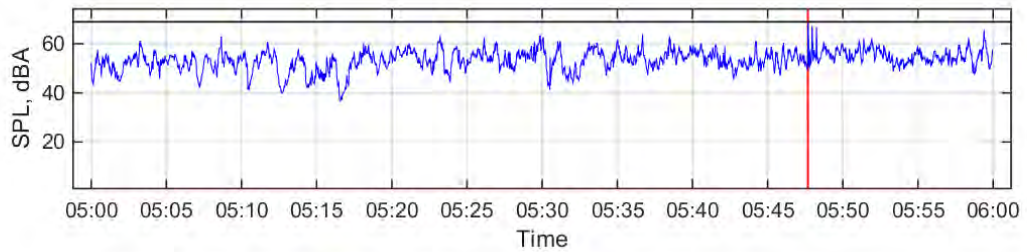
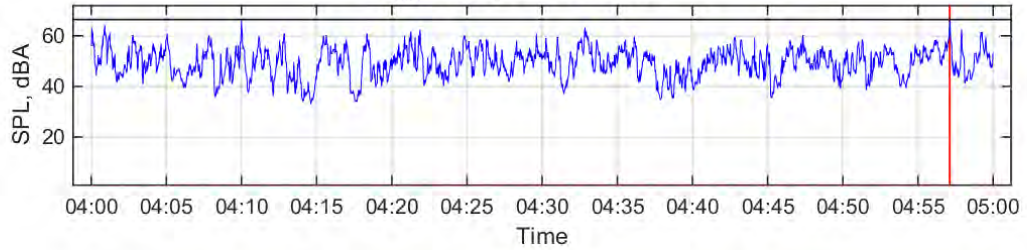
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	52.3	51.0	49.8	48.6	49.7	49.9	51.4	54.0	56.1
Event average L <sub>AMax</sub>	67.4		66.1		66.9		66.9	69.2	
Number events	1	0	1	0	3	0	1	1	0



Logger:L27, Start Date:15-08-16

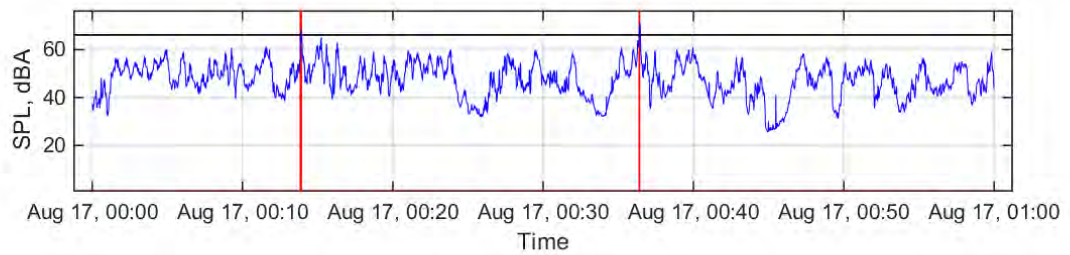
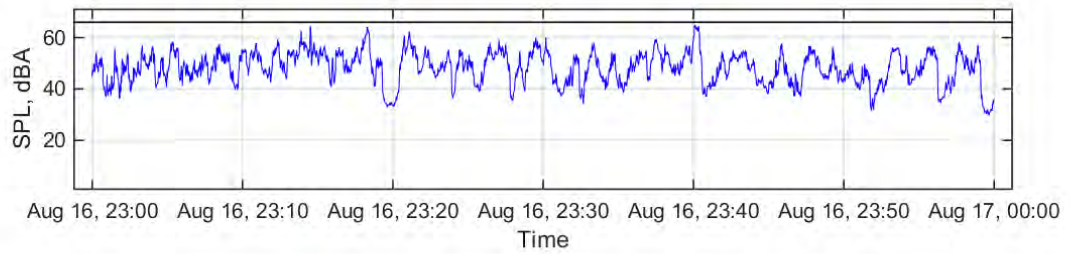
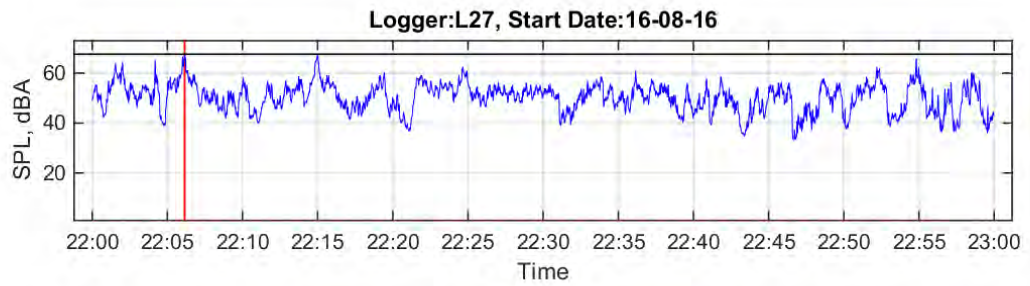


Logger:L27, Start Date:15-08-16



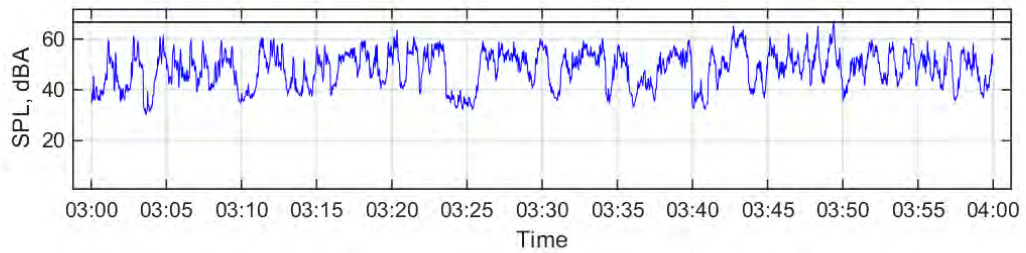
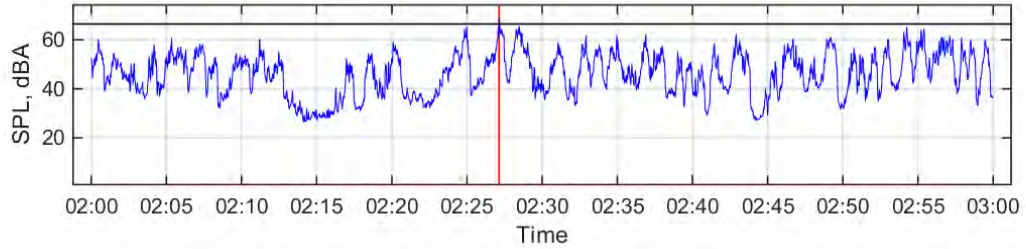
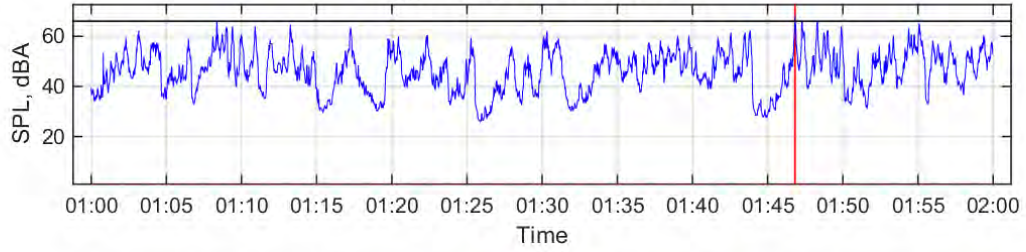
**Start Date:** 16/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	52.6	51.0	51.2	51.1	51.4	51.7	54.2	55.0	57.1
Event average L <sub>AMax</sub>	68.0		68.8	67.6	68.0		72.6		74.5
Number events	1	0	3	1	1	0	2	0	1

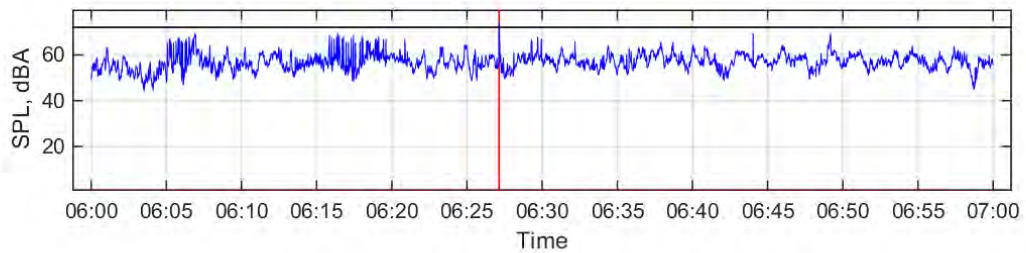
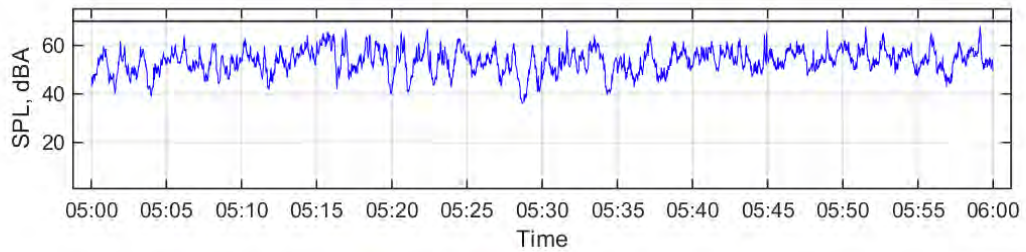
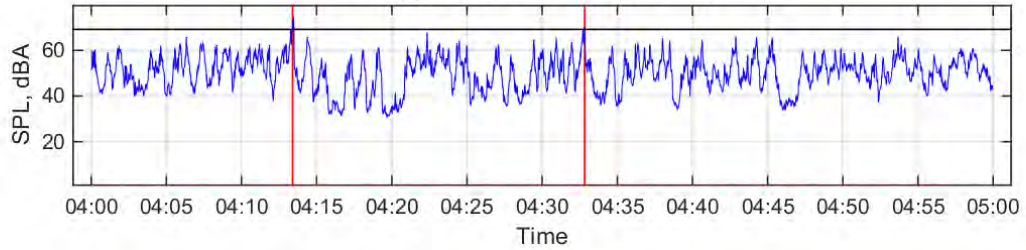




Logger:L27, Start Date:16-08-16



Logger:L27, Start Date:16-08-16

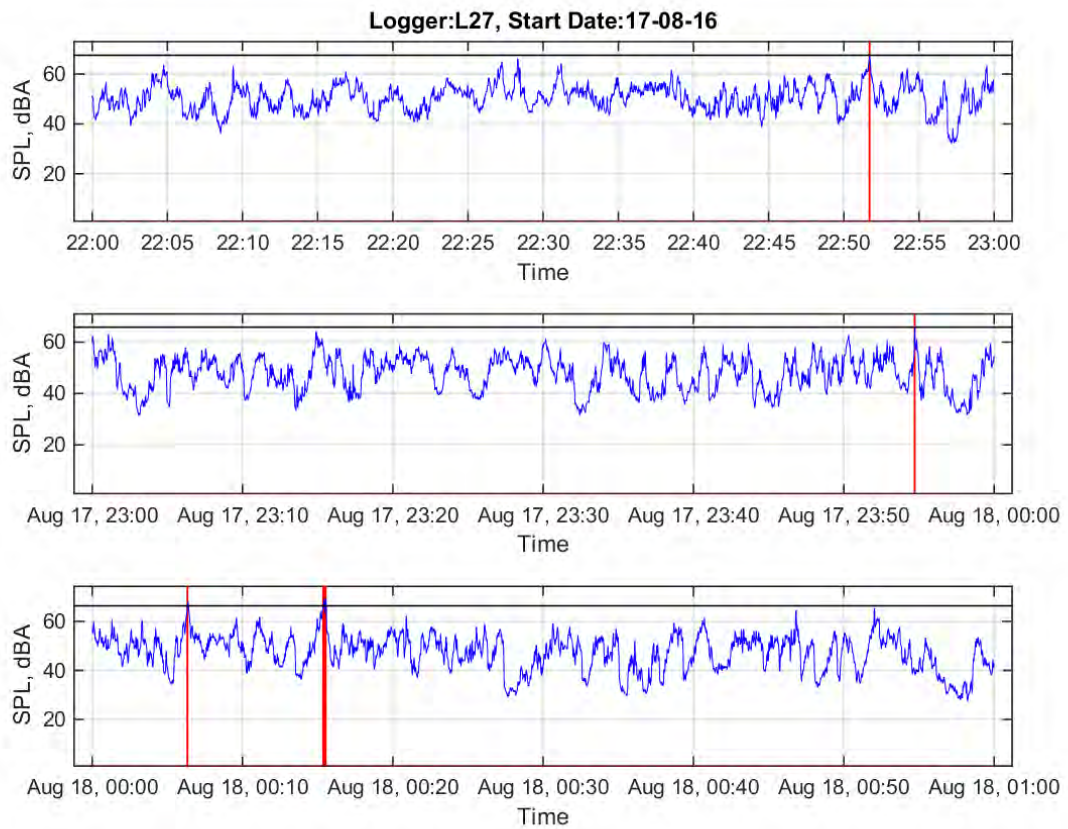


**Logger:** L27, 3 Marblewood Place, Bangalow

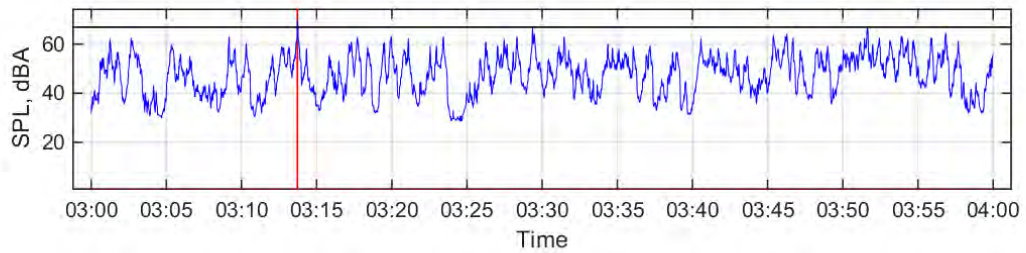
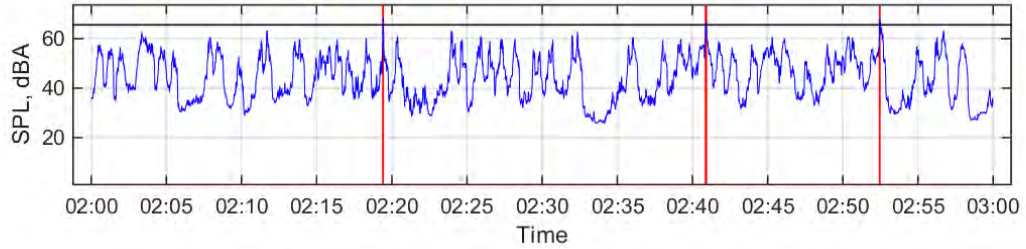
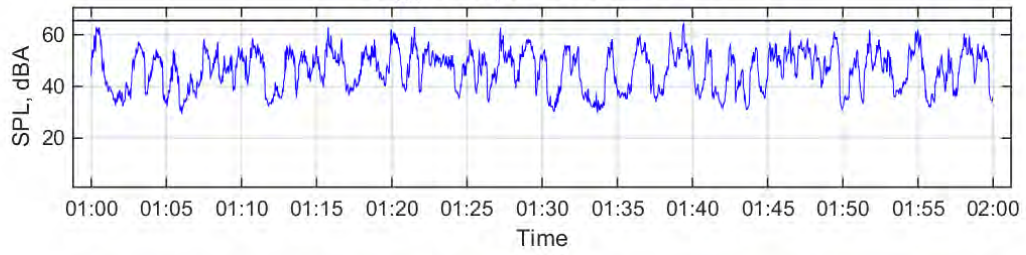
**Start Date:** 17/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	52.6	50.8	51.4	50.5	50.6	51.9	53.2	54.5	56.7
Event average L <sub>AMax</sub>	68.0	65.9	67.6		67.5	68.9			72.2
Number events	1	1	4	0	4	1	0	0	3 <sup>1</sup>

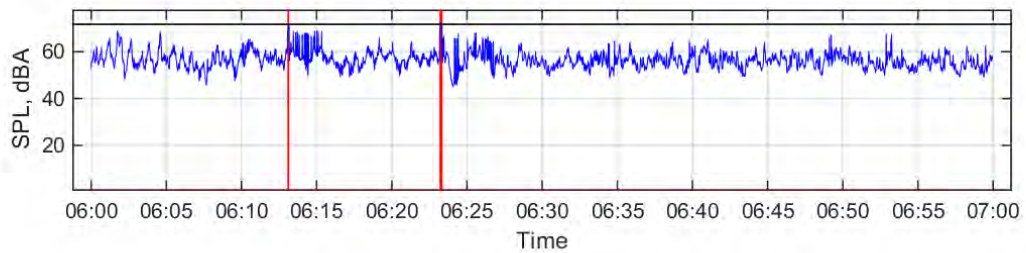
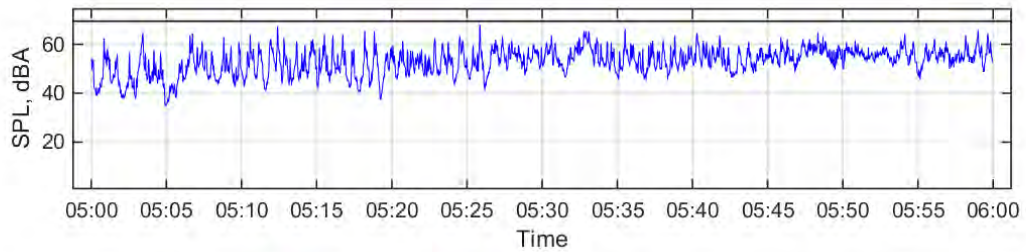
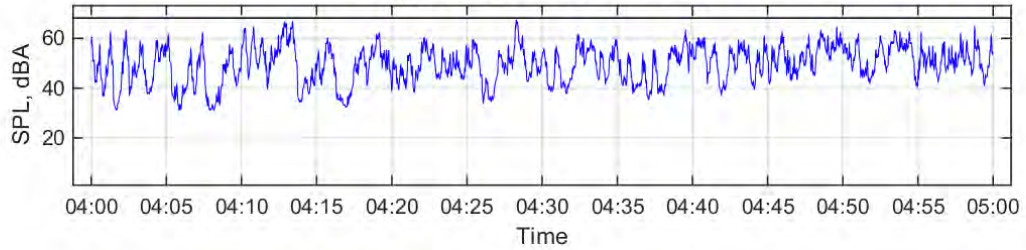
**Note:** Noise from birds contributed to the number of events



Logger:L27, Start Date:17-08-16



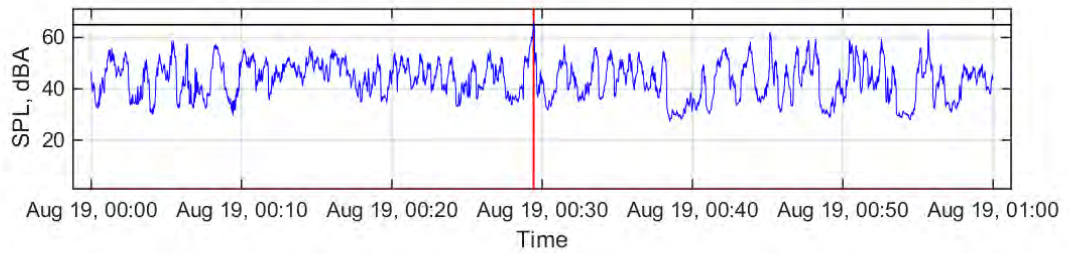
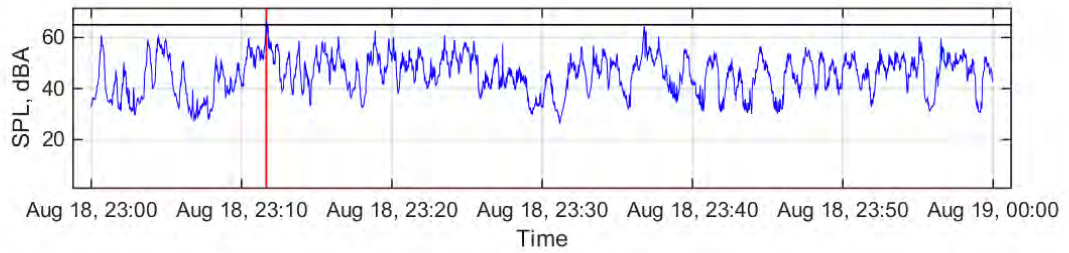
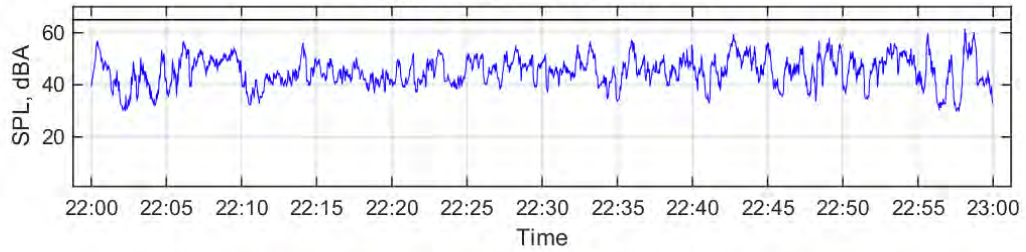
Logger:L27, Start Date:17-08-16



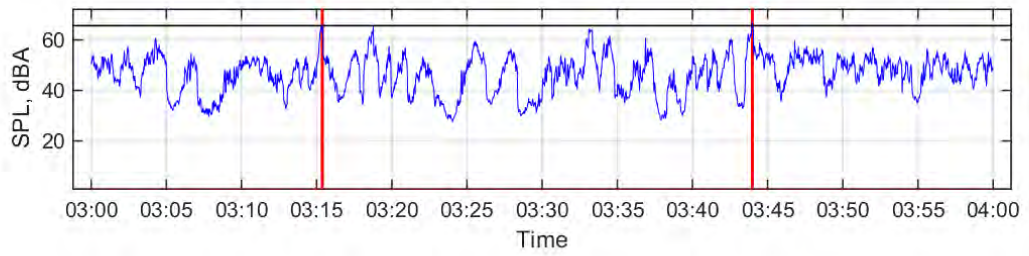
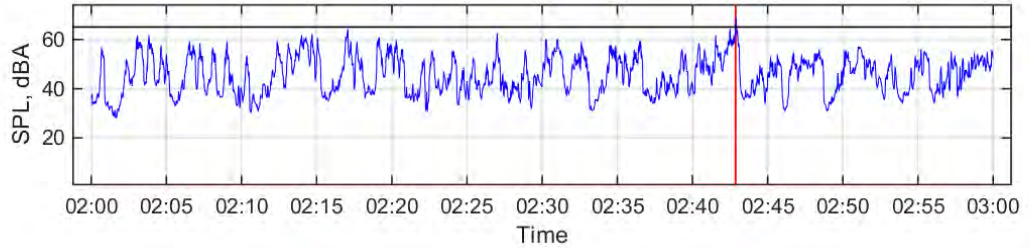
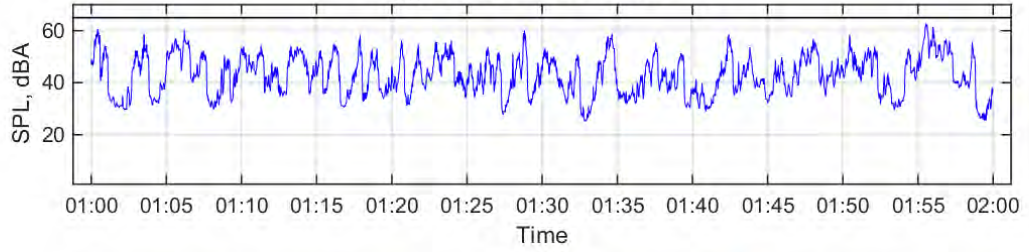
**Start Date:** 18/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	47.4	49.4	47.5	47.4	50.1	50.6	51.1	53.7	55.5
Event average L <sub>AMax</sub>		66.2	66.1		67.5	66.2	68.8		71.6
Number events	0	1	1	0	1	4	1	0	1

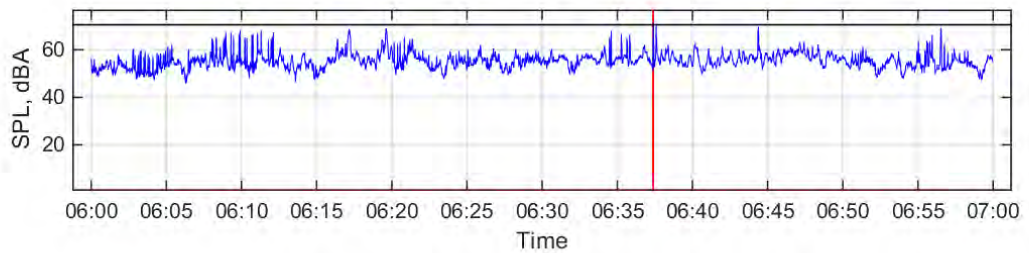
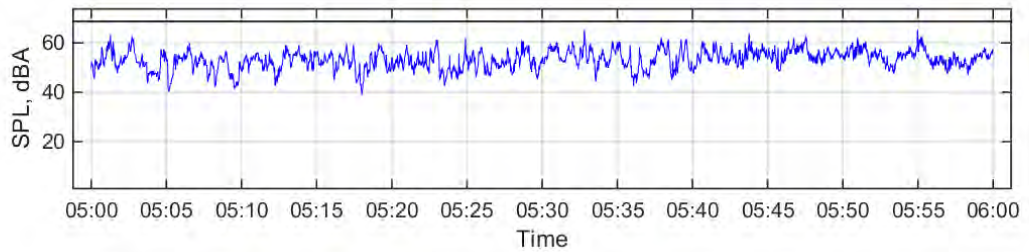
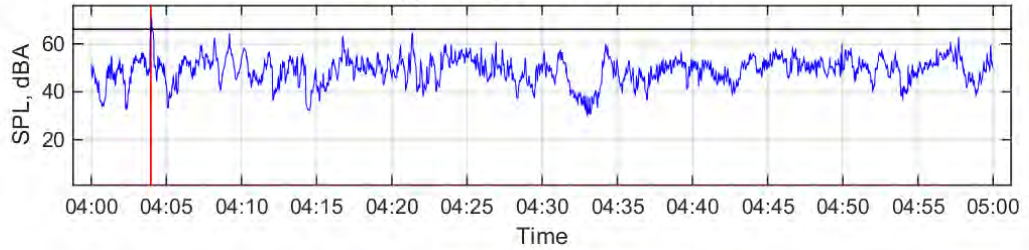
**Logger:L27, Start Date:18-08-16**



Logger:L27, Start Date:18-08-16



Logger:L27, Start Date:18-08-16

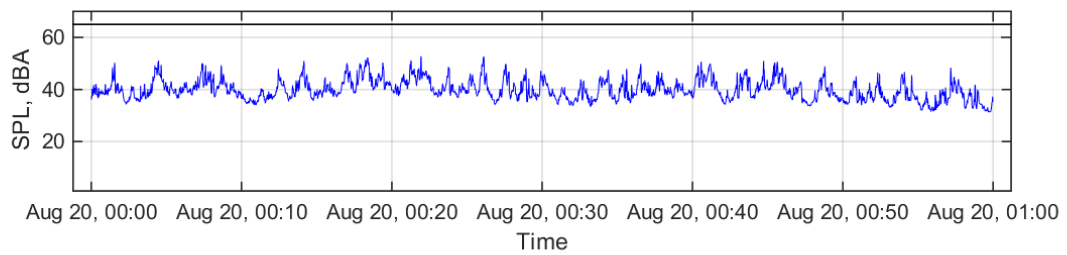
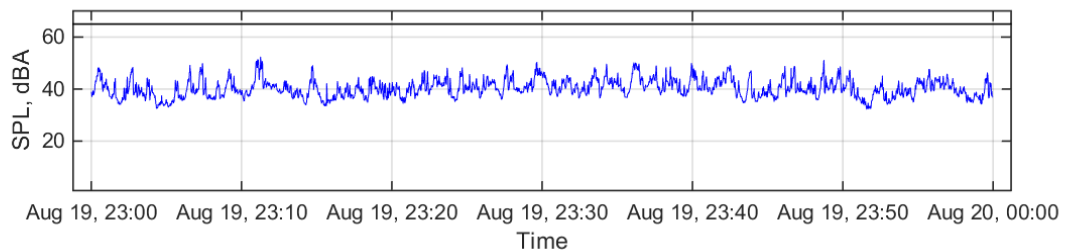
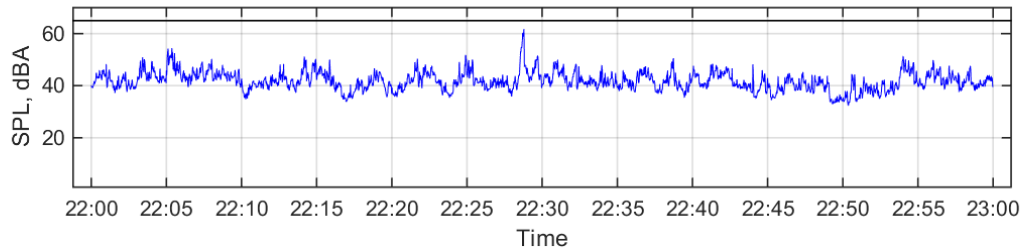


**Start Date:** 19/08/2016

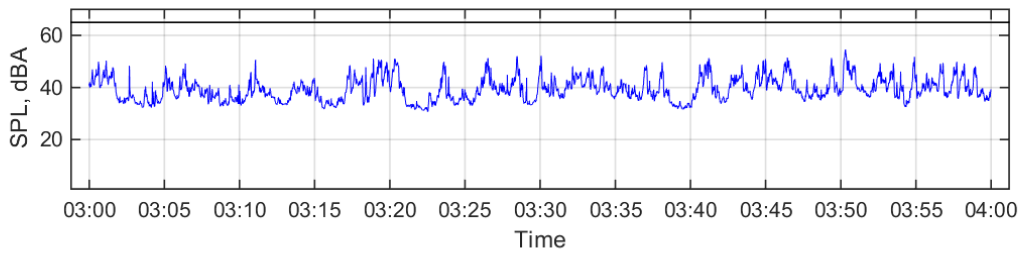
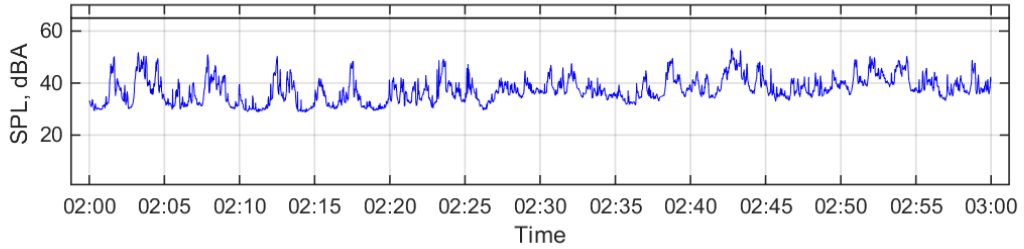
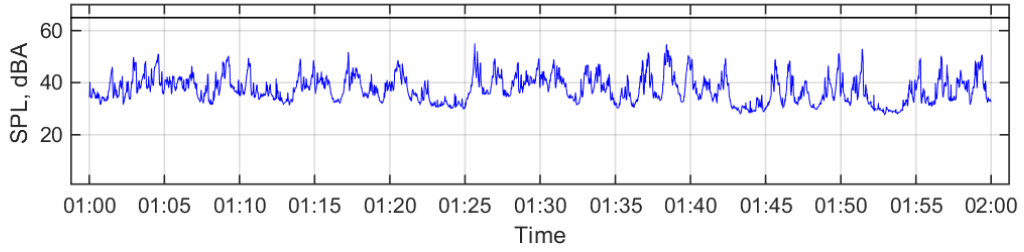
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	42.6	40.9	40.9	39.7	39.4	40.9	40.7	44.5	46.3
Event average L <sub>AMax</sub>								69.8	67.9
Number events	0	0	0	0	0	0	0	2 <sup>1</sup>	15 <sup>1</sup>

**Note:** Noise from birds contributed to the number of events

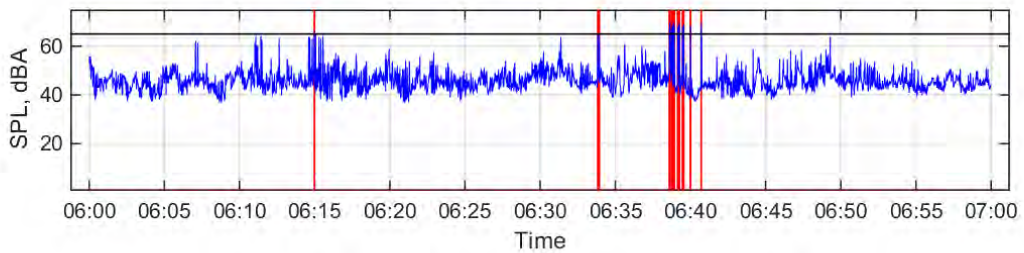
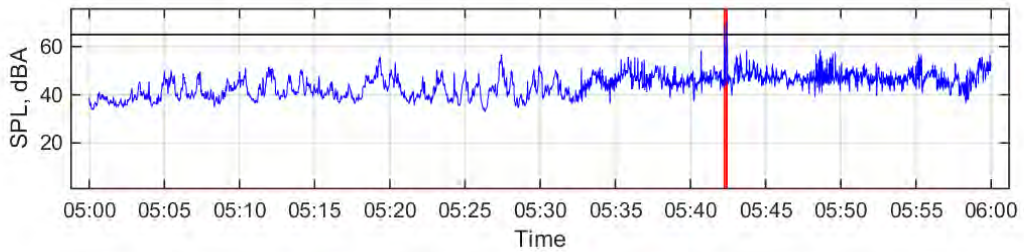
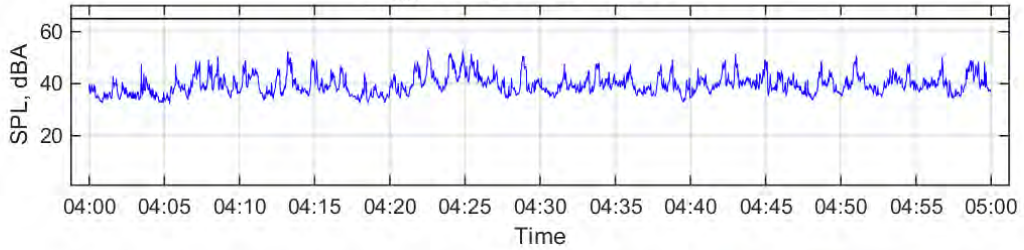
**Logger:L27, Start Date:19-08-16**



Logger:L27, Start Date:19-08-16



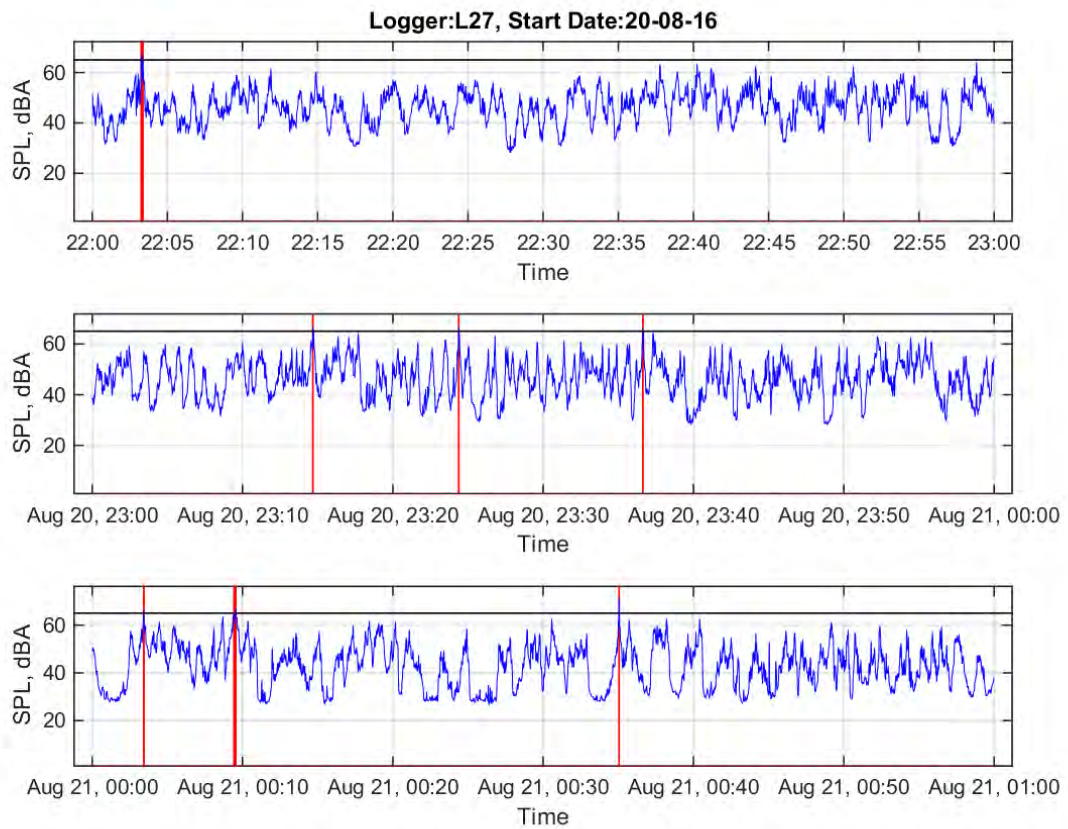
Logger:L27, Start Date:19-08-16



**Start Date:** 20/08/2016

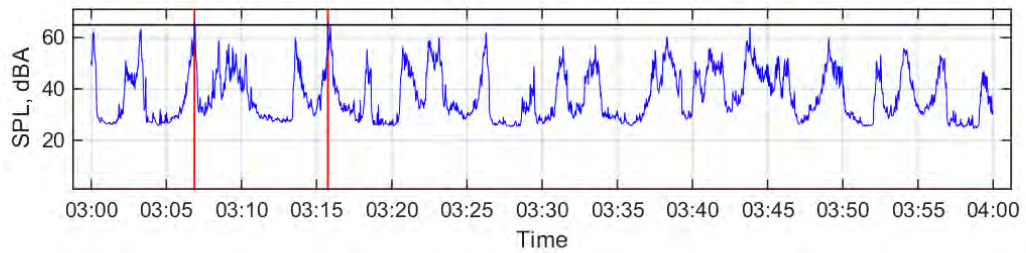
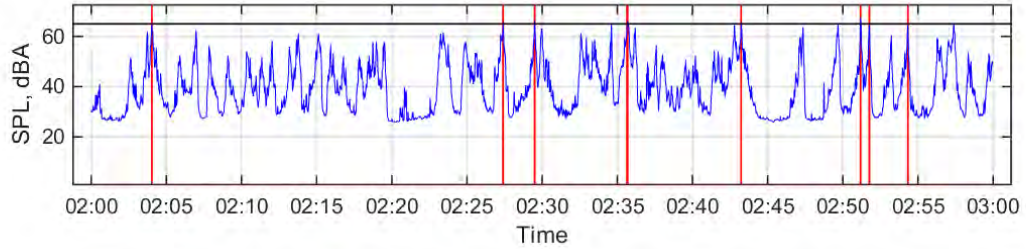
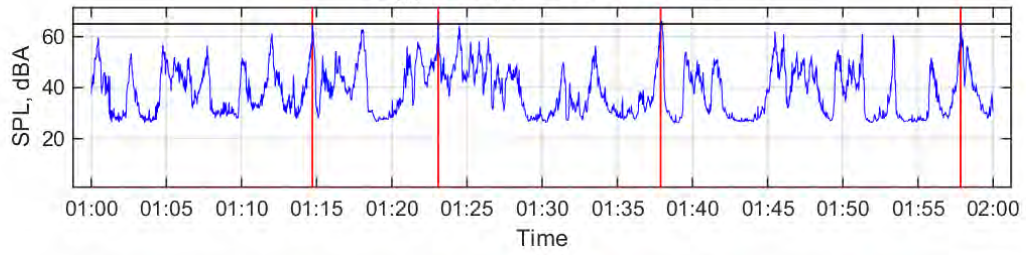
	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	49.3	50.0	49.1	47.1	49.0	46.1	45.2	48.4	52.0
Event average L <sub>AMax</sub>	66.1	66.1	67.5	65.6	65.7	65.7	65.8		68.7
Number events	2	3	4	4	9	2	1	0	22 <sup>1</sup>

**Note:** Noise from birds contributed to the number of events

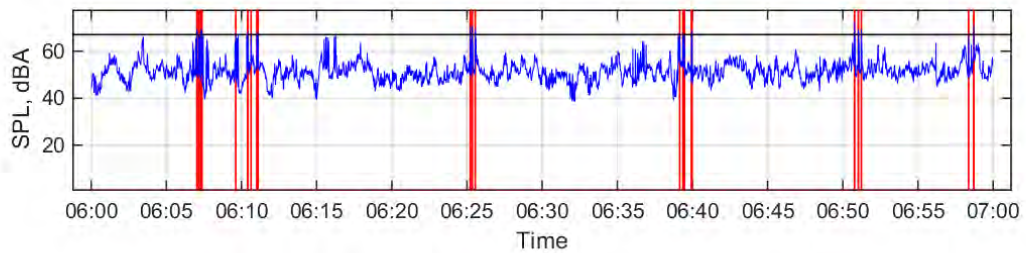
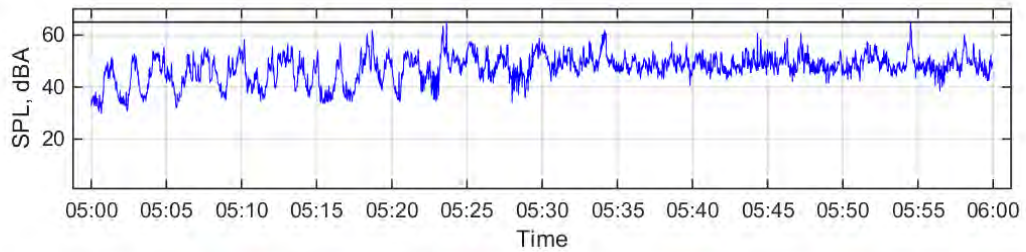
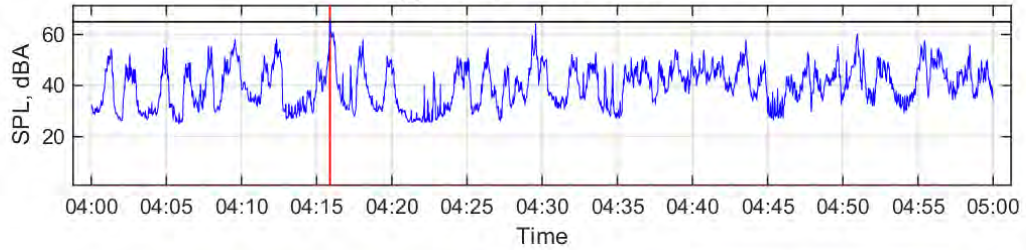




Logger:L27, Start Date:20-08-16



Logger:L27, Start Date:20-08-16



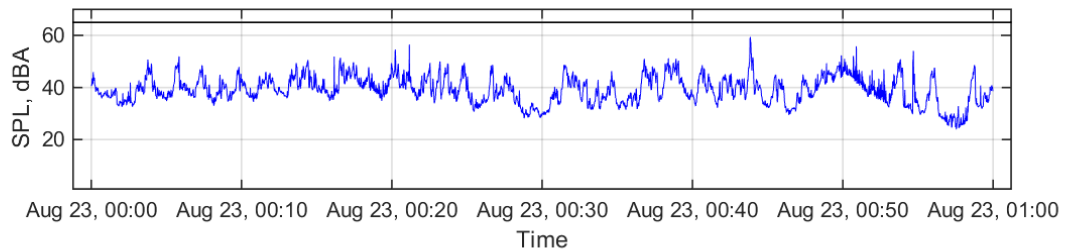
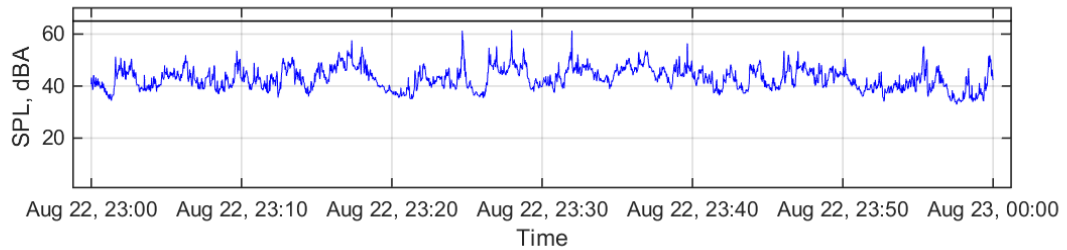
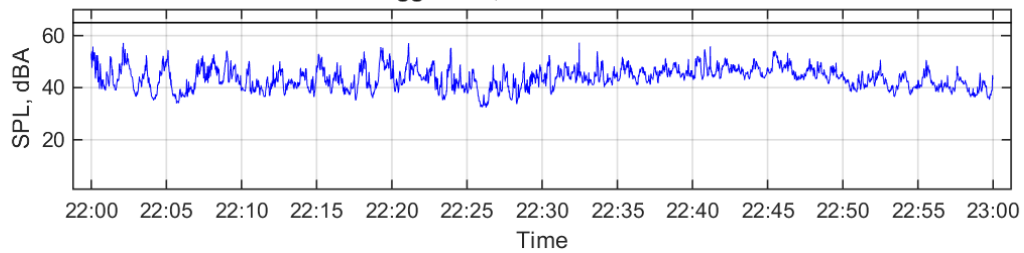
**Start Date:** 22/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	44.6	44.1	41.0	53.5	47.7	47.6	49.6	48.3	51.1
Event average L <sub>AMax</sub>				71.2	67.1		66.2		68.7
Number events	0	0	0	30 <sup>1</sup>	9 <sup>1</sup>	0	3	0	7 <sup>2</sup>

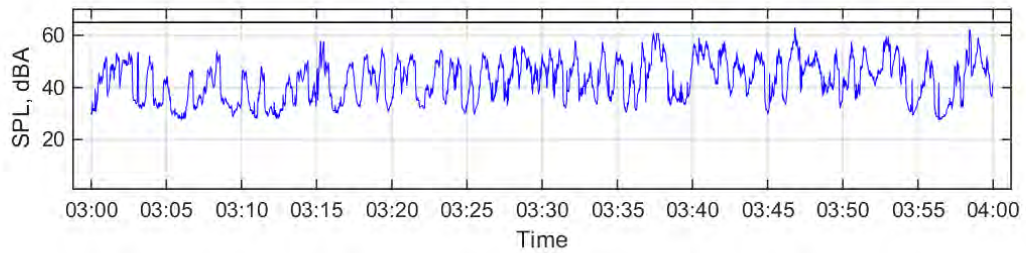
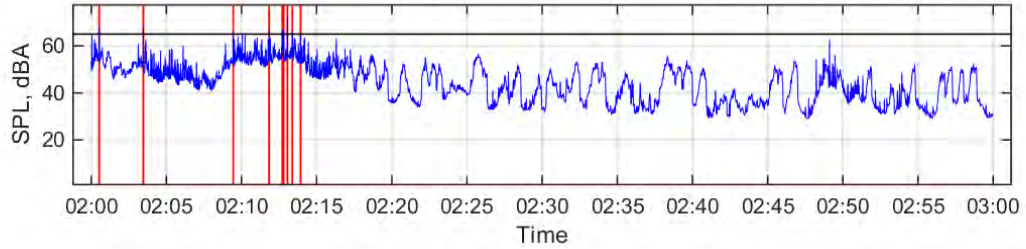
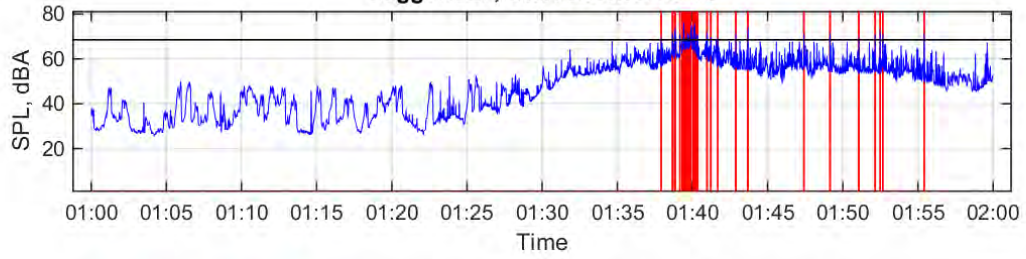
**1Note:** Noise from rain contributed to the number of events

**2Note:** Noise from birds contributed to the number of events

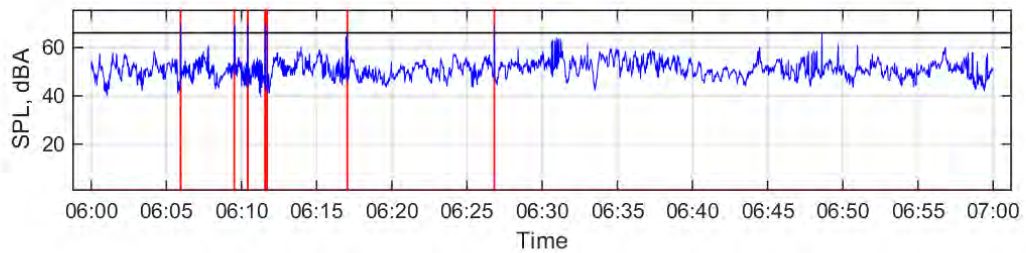
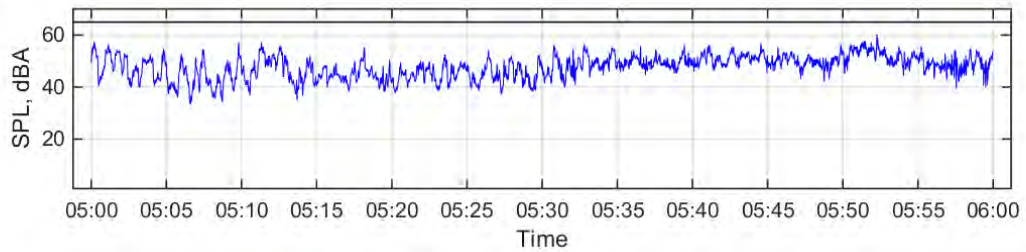
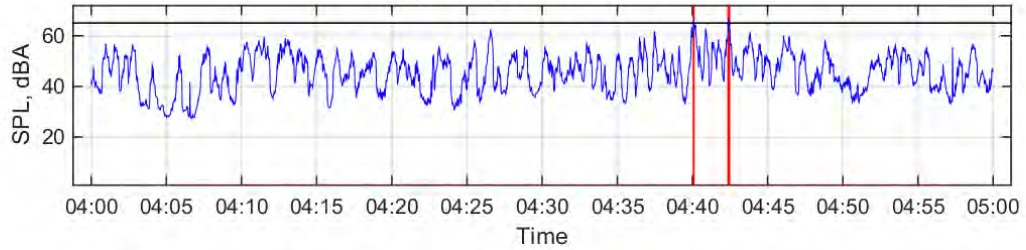
**Logger:L27, Start Date:22-08-16**



Logger:L27, Start Date:22-08-16



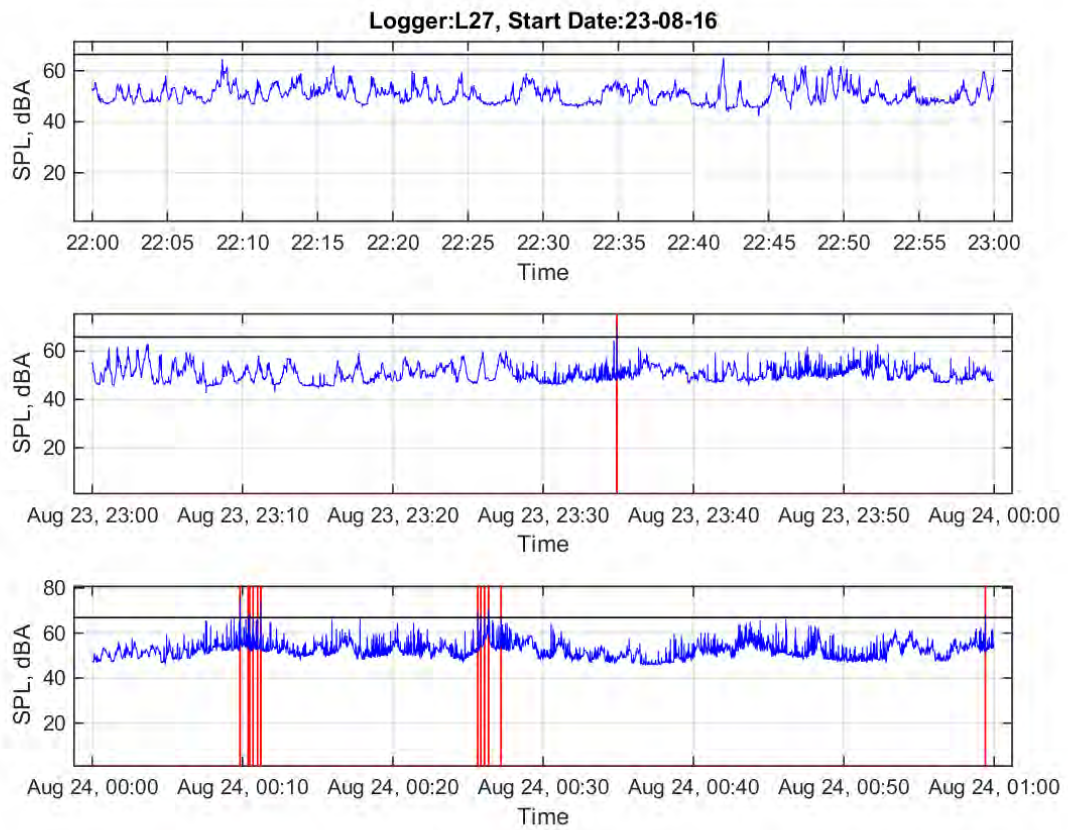
Logger:L27, Start Date:22-08-16

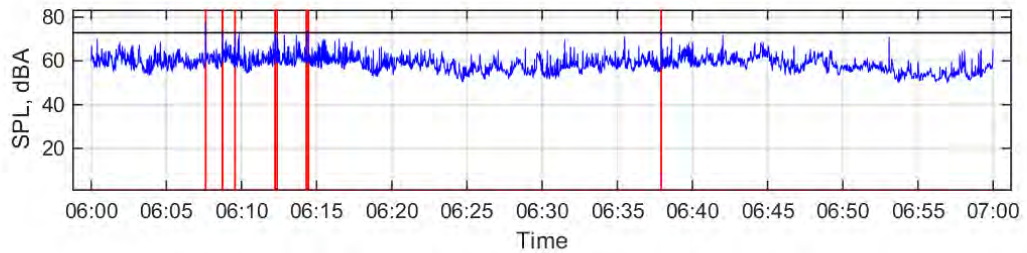
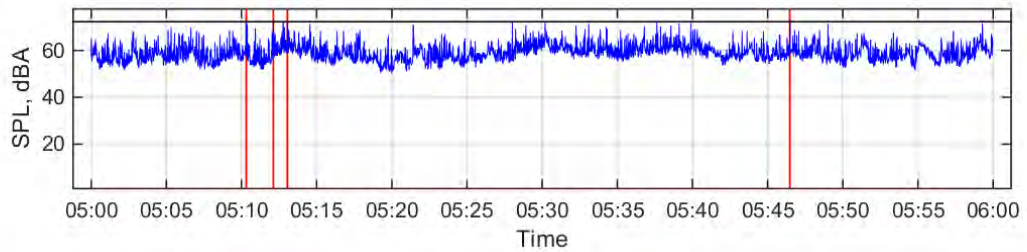
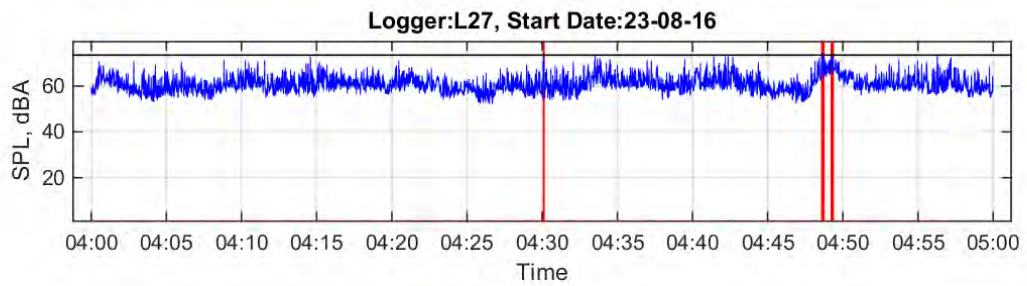
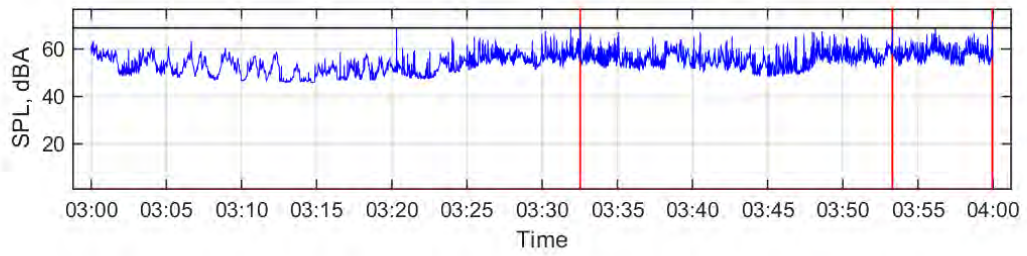
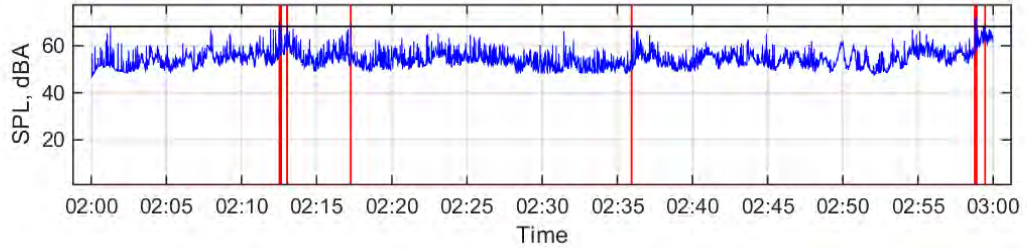
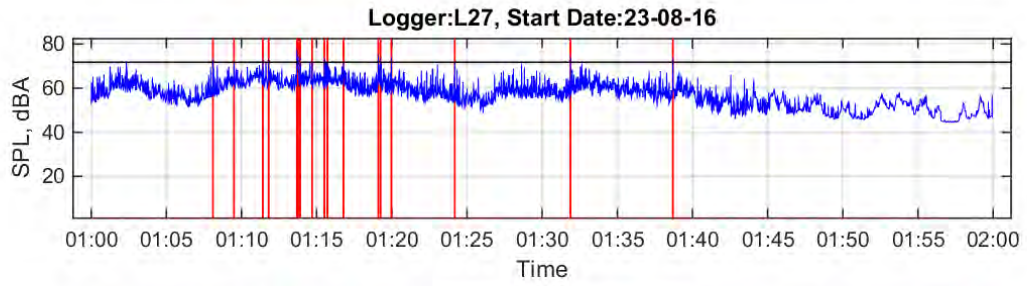


**Start Date:** 23/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	51.4	50.9	51.8	56.8	53.2	53.9	58.5	57.3	57.9
Event average L <sub>AMax</sub>		70.4	69.3	73.4	69.7	70.5	74.0	72.5	74.3
Number events	0	1	12	18	8	3	5	4	8

**Note:** Noise from rain contributed to the number of events



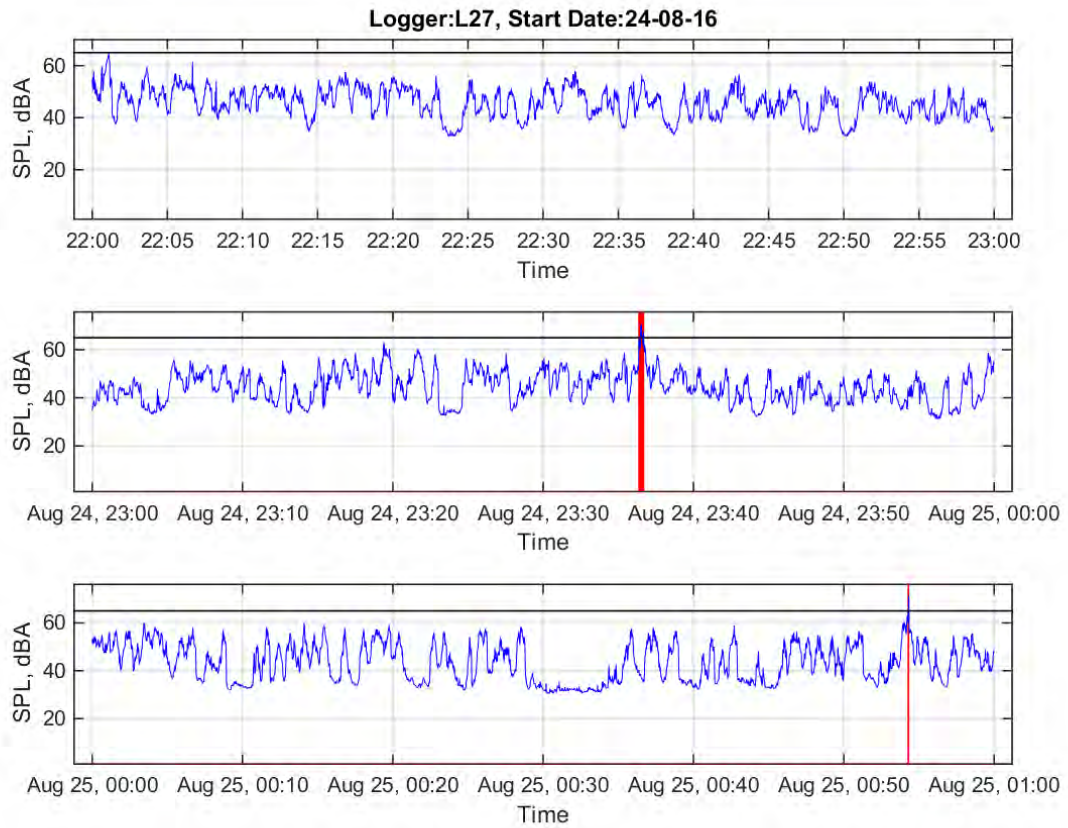


Logger: L27, 3 Marblewood Place, Bangalow

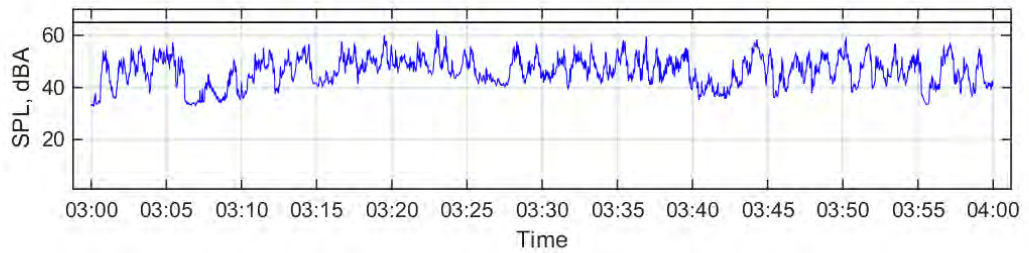
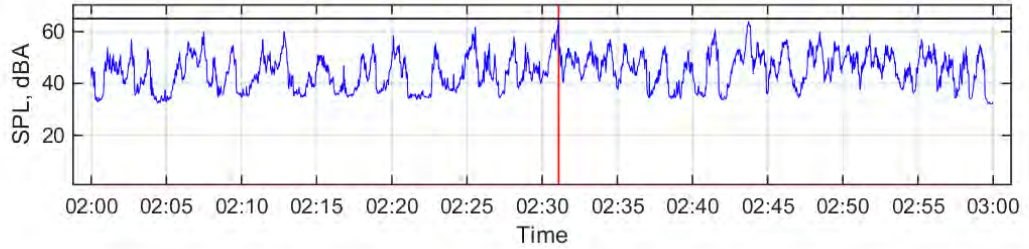
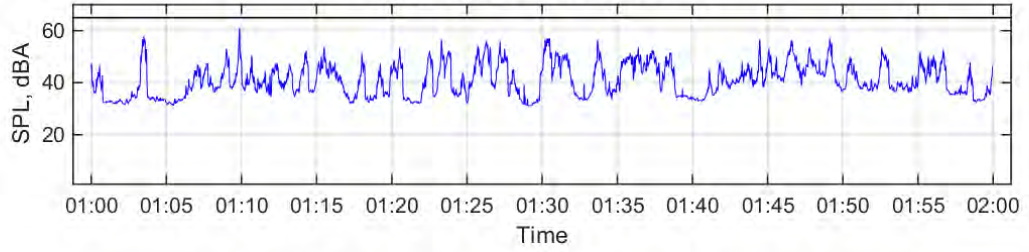
**Start Date:** 24/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	48.0	48.5	48.4	44.3	48.2	48.2	47.7	48.3	52.7
Event average L <sub>AMax</sub>		67.5	69.1		65.3				68.9
Number events	0	4	1	0	1	0	0	0	28 <sup>1</sup>

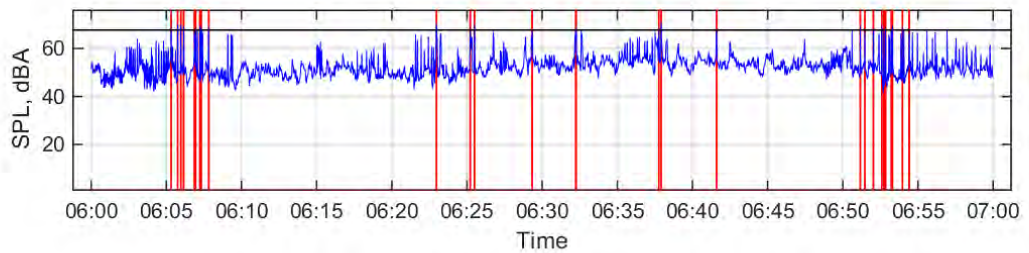
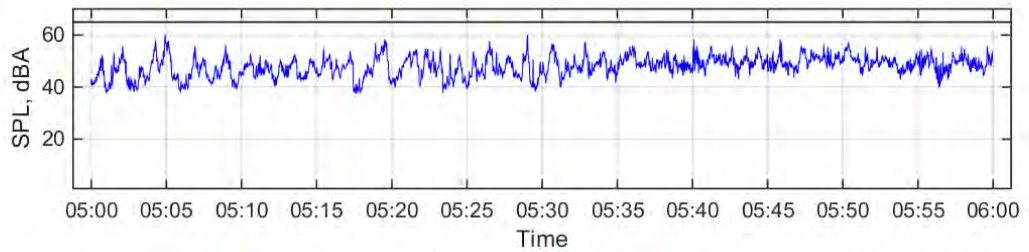
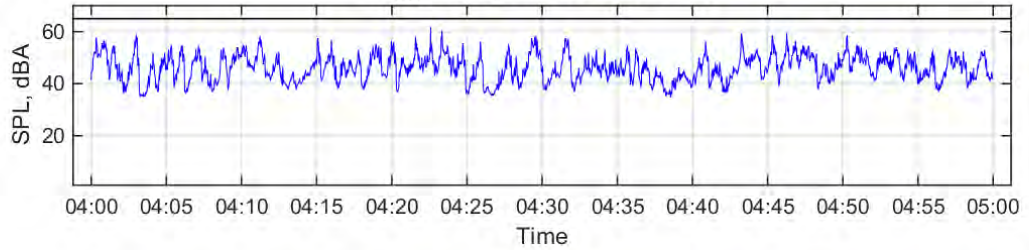
**Note:** Noise from birds contributed to the number of events



Logger:L27, Start Date:24-08-16



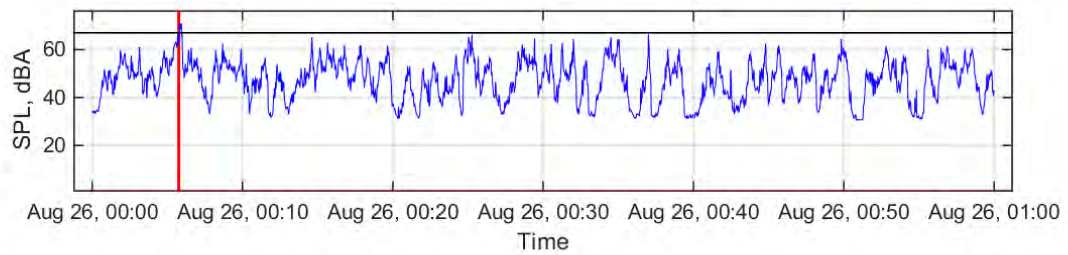
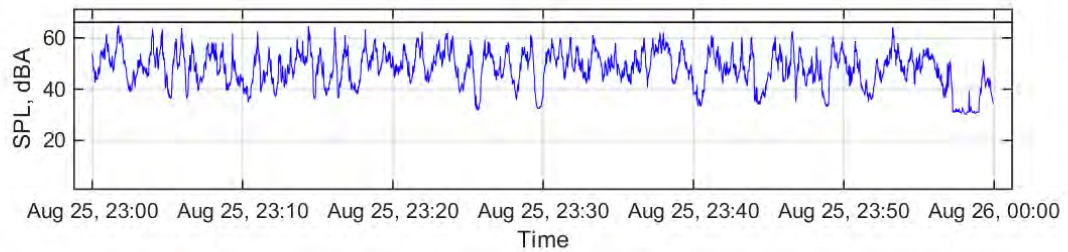
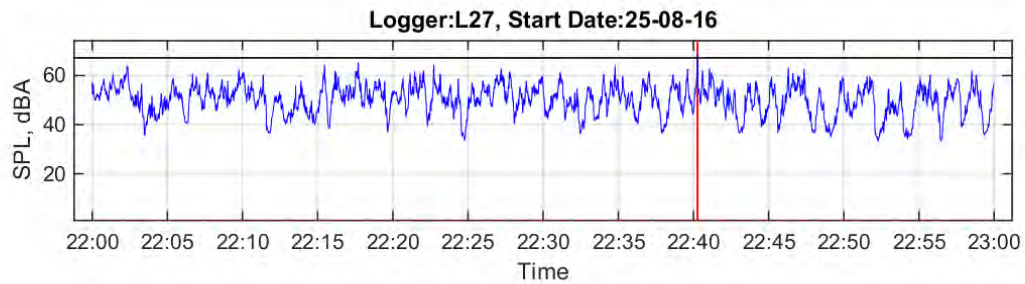
Logger:L27, Start Date:24-08-16



**Logger:** L27, 3 Marblewood Place, Bangalow

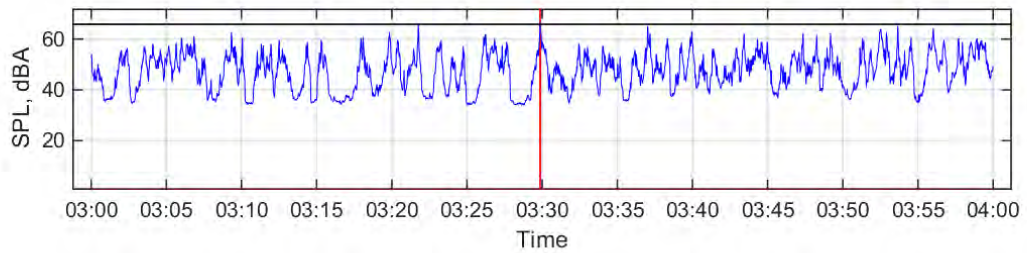
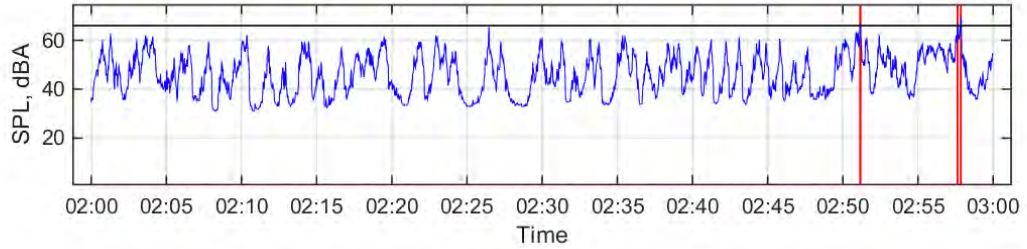
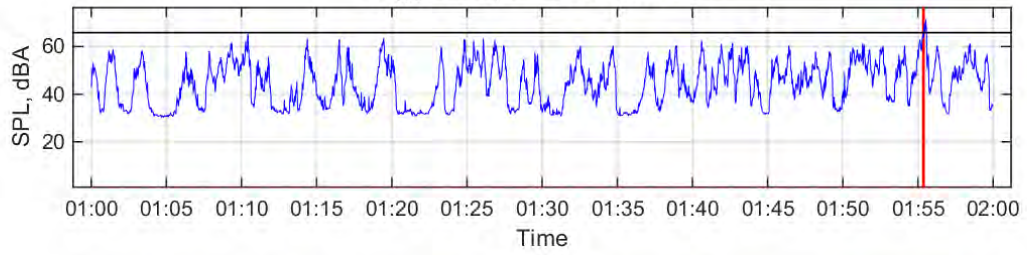
**Start Date:** 25/08/2016

	10 pm to 11 pm	11 pm to 12 am	12 am to 1 am	1 am to 2 am	2 am to 3 am	3 am to 4 am	4 am to 5 am	5 am to 6 am	6 am to 7 am
L <sub>Aeq</sub>	52.2	51.1	52.0	50.8	51.0	50.8	52.7	55.1	57.0
Event average L <sub>AMax</sub>	69.2		69.5	68.3	67.3	66.7	68.4		
Number events	1	0	2	2	4	1	3	0	0





Logger:L27, Start Date:25-08-16



Logger:L27, Start Date:25-08-16

