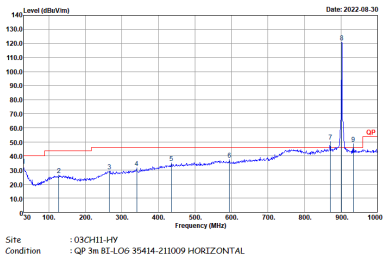
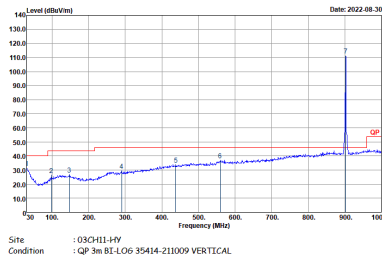




LoRa 902~928MHz

LoRa 500KHz DTS_SF9 (Band Edge @ 3m)

LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch01 902.5MHz	
	Horizontal	Vertical
QP / Peak	 <p>Site : 03CH11-HY Condition : QP 3m BE-LOG 35414-211009 HORIZONTAL</p>	 <p>Site : 03CH11-HY Condition : QP 3m BE-LOG 35414-211009 VERTICAL</p>

Remark: The unwanted signal of mark #7.9 in Horizontal plot falls within the non-restricted band and meet the requirements of 15.247 (d).



LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch16 914.5MHz	
	Horizontal	Vertical
QP / Peak	<p>Horizontal plot showing Level (dBm/1m) vs Frequency (MHz). The plot displays a signal peak at 914.5 MHz, marked with #7.9. The site is 03CH11-HY and the condition is QP 3m BE-LOS 35414-211009 HORIZONTAL.</p>	<p>Vertical plot showing Level (dBm/1m) vs Frequency (MHz). The plot displays a signal peak at 914.5 MHz, marked with #7. The site is 03CH11-HY and the condition is QP 3m BE-LOS 35414-211009 VERTICAL.</p>

Remark: The unwanted signal of mark #7.9 in Horizontal plot falls within the non-restricted band and meet the requirements of 15.247 (d).



LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch31 926.5MHz	
	Horizontal	Vertical
QP / Peak	<p>Site : 03CH11-HY Condition : QP 3m BE-LOS 35414-211009 HORIZONTAL</p>	<p>Site : 03CH11-HY Condition : QP 3m BE-LOS 35414-211009 VERTICAL</p>

Remark: The unwanted signal of mark #7.8.10 in Horizontal plot falls within the non-restricted band and meet the requirements of 15.247 (d).



LoRa 902~928MHz

LoRa 500KHz DTS_SF10 (Band Edge @ 3m)

LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch01 902.5MHz	
	Horizontal	Vertical
QP / Peak	<p>Horizontal plot showing Level (dBuV/m) vs Frequency (MHz). The y-axis ranges from 0 to 140 dBuV/m, and the x-axis ranges from 50 to 1000 MHz. A prominent peak is observed at 902.5 MHz, marked with #7.9. The plot includes a red line representing a limit and a blue line representing the measured signal. The date is 2022-08-30.</p> <p>Site : 03CH11-HY Condition : QP 3m BE-LOG 35414-211009 HORIZONTAL</p>	<p>Vertical plot showing Level (dBuV/m) vs Frequency (MHz). The y-axis ranges from 0 to 140 dBuV/m, and the x-axis ranges from 50 to 1000 MHz. A prominent peak is observed at 902.5 MHz, marked with #7.9. The plot includes a red line representing a limit and a blue line representing the measured signal. The date is 2022-08-30.</p> <p>Site : 03CH11-HY Condition : QP 3m BE-LOG 35414-211009 VERTICAL</p>

Remark: The unwanted signal of mark #7.9 in Horizontal plot falls within the non-restricted band and meet the requirements of 15.247 (d).



LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch16 914.5MHz	
	Horizontal	Vertical
QP / Peak	<p>Site : 03CH11-HY Condition : QP 3m BE-LOG 35414-211009 HORIZONTAL</p>	<p>Site : 03CH11-HY Condition : QP 3m BE-LOG 35414-211009 VERTICAL</p>

Remark: The unwanted signal of mark #7.8.10 in Horizontal plot falls within the non-restricted band and meet the requirements of 15.247 (d).



LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch31 926.5MHz	
	Horizontal	Vertical
QP / Peak	<p>Site : 03CH11-HY Condition : QP 3m BE-LOG 35414-211009 HORIZONTAL</p>	<p>Site : 03CH11-HY Condition : QP 3m BE-LOG 35414-211009 VERTICAL</p>

Remark: The unwanted signal of mark #7.8.10 in Horizontal plot falls within the non-restricted band and meet the requirements of 15.247 (d).



LoRa 902~928MHz

LoRa 500KHz DTS_SF11 (Band Edge @ 3m)

LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch01 902.5MHz	
	Horizontal	Vertical
QP / Peak	<p>Horizontal plot showing Level (dBm/10m) vs Frequency (MHz). The plot displays a signal level around 30-40 dBm/10m across the frequency range, with a prominent peak at 902.5 MHz. The peak is labeled with 'QP' and a marker #7.9. The plot includes a red line representing a limit and a blue line representing the signal. The x-axis ranges from 90 to 1000 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/10m. The date is 2022-08-30.</p> <p>Site : 03CH11-HY Condition : QP 3m BE-LOG 35414-211009 HORIZONTAL</p>	<p>Vertical plot showing Level (dBm/10m) vs Frequency (MHz). The plot displays a signal level around 30-40 dBm/10m across the frequency range, with a prominent peak at 902.5 MHz. The peak is labeled with 'QP' and a marker #7.9. The plot includes a red line representing a limit and a blue line representing the signal. The x-axis ranges from 90 to 1000 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/10m. The date is 2022-08-30.</p> <p>Site : 03CH11-HY Condition : QP 3m BE-LOG 35414-211009 VERTICAL</p>

Remark: The unwanted signal of mark #7.9 in Horizontal plot falls within the non-restricted band and meet the requirements of 15.247 (d).



LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch16 914.5MHz	
	Horizontal	Vertical
QP / Peak	<p>Horizontal plot showing Level (dBm/1m) vs Frequency (MHz). The plot displays a signal level around 40 dBm/1m across the frequency range from 900 MHz to 928 MHz. A prominent peak is observed at 914.5 MHz, marked with 'QP'. The plot also shows a red line representing a reference level and a blue line representing the measured signal. The date is 2022-08-30.</p> <p>Site : 03CH11-HY Condition : QP 3m BE-LOG 35414-211009 HORIZONTAL</p>	<p>Vertical plot showing Level (dBm/1m) vs Frequency (MHz). The plot displays a signal level around 40 dBm/1m across the frequency range from 900 MHz to 928 MHz. A prominent peak is observed at 914.5 MHz, marked with 'QP'. The plot also shows a red line representing a reference level and a blue line representing the measured signal. The date is 2022-08-30.</p> <p>Site : 03CH11-HY Condition : QP 3m BE-LOG 35414-211009 VERTICAL</p>

Remark: The unwanted signal of mark #7.8.10 in Horizontal plot falls within the non-restricted band and meet the requirements of 15.247 (d).



LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch31 926.5MHz	
	Horizontal	Vertical
QP / Peak	<p>Site : 03CH11-HY Condition : QP 3m BE-LOG 35414-211009 HORIZONTAL</p>	<p>Site : 03CH11-HY Condition : QP 3m BE-LOG 35414-211009 VERTICAL</p>

Remark: The unwanted signal of mark #7.8.10 in Horizontal plot falls within the non-restricted band and meet the requirements of 15.247 (d).



LoRa 902~928MHz
LoRa 500KHz DTS_SF7 (Harmonic @ 3m)

LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch01 902.5Mhz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL</p>



LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch16 914.5Mhz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL</p>



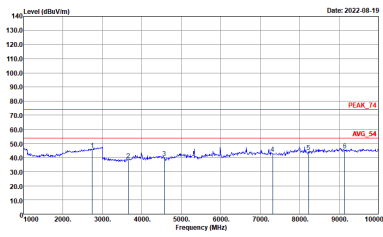
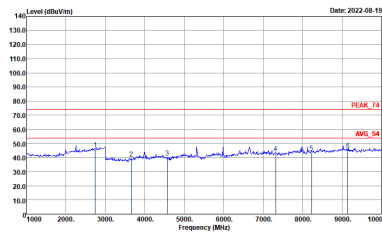
LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch31 926.5Mhz	
	Horizontal	Vertical
Peak Avg.	<p>Horizontal spectrum plot showing Level (dBm/1m) vs Frequency (MHz). The plot includes a blue signal trace, a red horizontal line for 'PEAK_74' at approximately 75 dBm/1m, and another red horizontal line for 'AVG_54' at approximately 55 dBm/1m. The x-axis ranges from 1000 to 10000 MHz, and the y-axis ranges from 0 to 140 dBm/1m. The date is 2022-08-19.</p> <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL</p>	<p>Vertical spectrum plot showing Level (dBm/1m) vs Frequency (MHz). The plot includes a blue signal trace, a red horizontal line for 'PEAK_74' at approximately 75 dBm/1m, and another red horizontal line for 'AVG_54' at approximately 55 dBm/1m. The x-axis ranges from 1000 to 10000 MHz, and the y-axis ranges from 0 to 140 dBm/1m. The date is 2022-08-19.</p> <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL</p>



LoRa 902~928MHz
LoRa 500KHz DTS_SF8 (Harmonic @ 3m)

LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch01 902.5Mhz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL</p>



LoRa	LoRa 902~928MHz	
LoRa 500KHz DTS Ch16 914.5Mhz		
	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL</p>	 <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL</p>



LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch31 926.5Mhz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL</p>



LoRa 902~928MHz
LoRa 500KHz DTS_SF9 (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot showing Level (dBm) vs Frequency (MHz) with Peak and Avg markers. Includes site and condition details for both views.



LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch16 914.5Mhz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



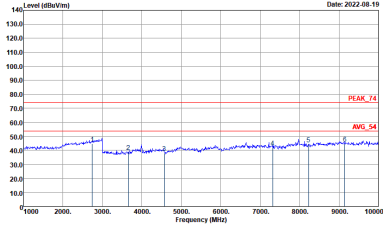
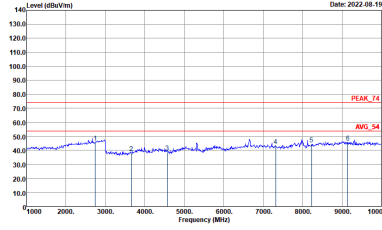
LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch31 926.5Mhz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



LoRa 902~928MHz
LoRa 500KHz DTS_SF10 (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot showing Level (dBm) vs Frequency (MHz) with Peak and Avg markers. Includes test parameters like Site, Condition, and Date.



LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch16 914.5Mhz	
	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Date: 2022-08-19</p> <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-08-19</p> <p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch31 926.5Mhz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



LoRa 902~928MHz
LoRa 500KHz DTS_SF11 (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Each column contains a spectral plot showing Level (dBuV/m) vs Frequency (MHz) with markers for PEAK_74 and AVG_54. Includes test parameters like Site: 03CH11-4Y and Condition: PEAK_74 3m 91200_1212_220310 HORIZONTAL.

Peak
Avg.



LoRa	LoRa 902~928MHz	
	LoRa 500KHz DTS Ch16 914.5Mhz	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-4Y Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



LoRa	LoRa 902~928MHz	
LoRa 500KHz DTS Ch31 926.5Mhz		
Horizontal		Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH11-HY Condition : PEAK_74 3m 91200_1212_220310 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



Appendix E. Duty Cycle Plots

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
LoRa (500KHz) DTS SF7	96.48	32900	0.03	100Hz
LoRa (500KHz) DTS SF8	98.27	-	-	10Hz
LoRa (500KHz) DTS SF9	98.98	-	-	10Hz
LoRa (500KHz) DTS SF10	99.41	-	-	10Hz
LoRa (500KHz) DTS SF11	99.74	-	-	10Hz

