



Appendix B. Radiated Spurious Emission

Test Engineer :	Ken Wu, Jesse Wang, and James Chiu	Temperature :	21~24°C
		Relative Humidity :	50~54%

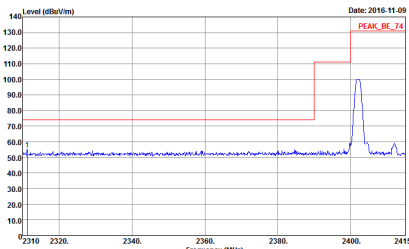
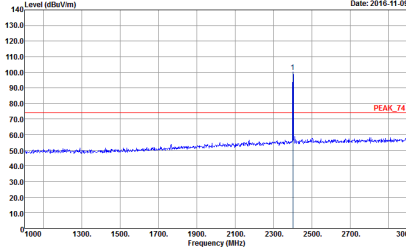
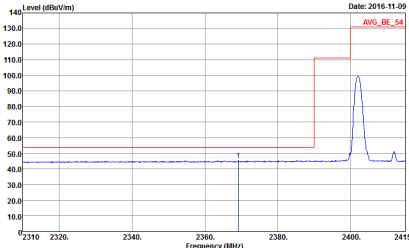
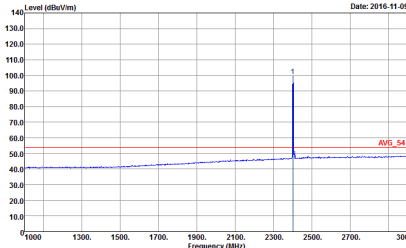
Note symbol

-L	Low channel location
-R	High channel location

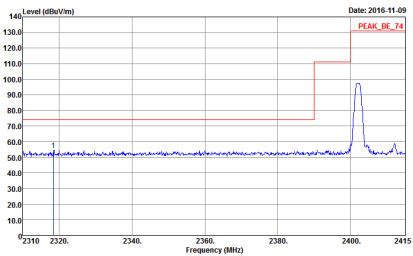
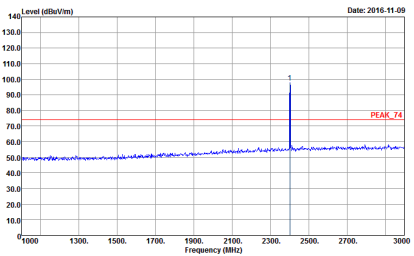
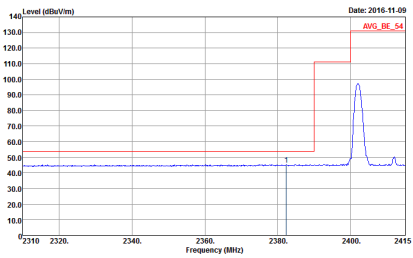
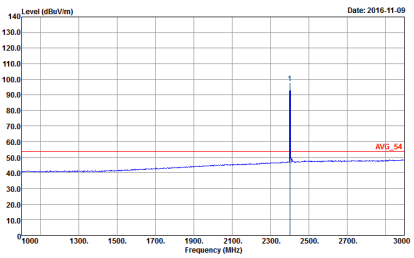


2.4GHz 2400~2483.5MHz

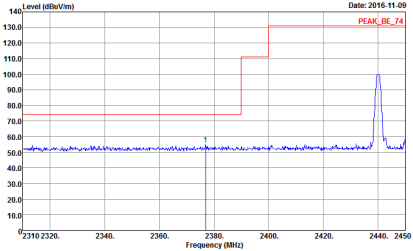
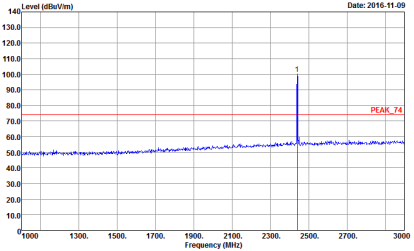
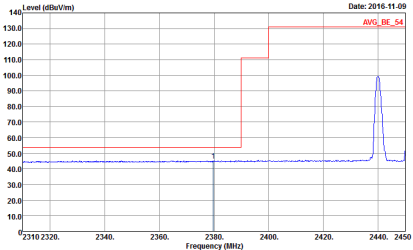
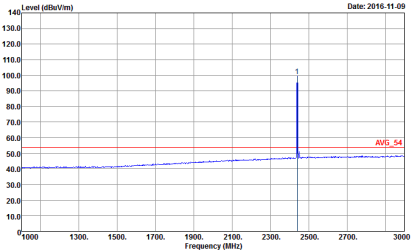
BLE (Band Edge @ 3m)

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-11-09 PEAK_BE_74</p> <p>Site : 03CH07HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SVWT: Auto Detector : Peak Project : SNZ711-09 Mode : 4</p>	 <p>Date: 2016-11-09 PEAK_74</p> <p>Site : 03CH07HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SVWT: Auto Detector : Peak Project : SNZ711-09 Mode : 4</p>
Avg.	 <p>Date: 2016-11-09 AVG_BE_54</p> <p>Site : 03CH07HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3.000kHz SVWT: Auto Detector : Peak Project : SNZ711-09 Mode : 4</p>	 <p>Date: 2016-11-09 AVG_54</p> <p>Site : 03CH07HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3.000kHz SVWT: Auto Detector : Peak Project : SNZ711-09 Mode : 4</p>

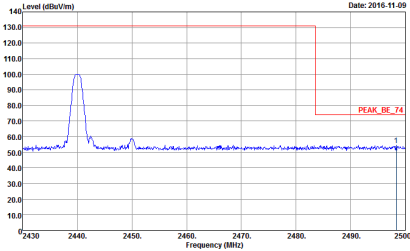
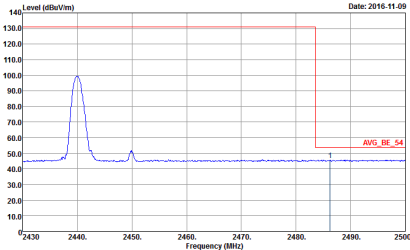


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-11-09 PEAK_BE_74</p> <p>Site : 03CH07HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 4</p>	 <p>Date: 2016-11-09 PEAK_74</p> <p>Site : 03CH07HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 4</p>
Avg	 <p>Date: 2016-11-09 AVG_BE_54</p> <p>Site : 03CH07HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 4</p>	 <p>Date: 2016-11-09 AVG_54</p> <p>Site : 03CH07HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : 5N2711-09 Mode : 4</p>

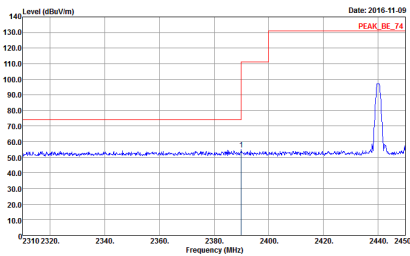
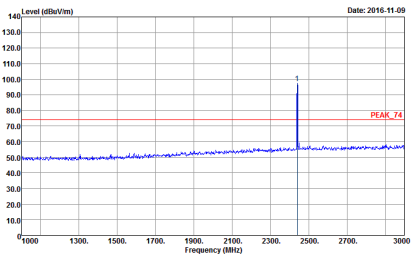
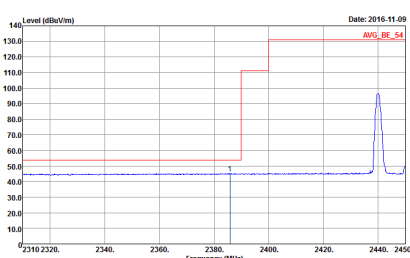
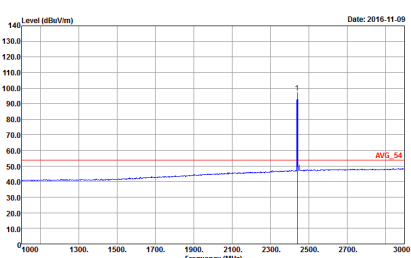


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-11-09 PEAK_BE_74</p> <p>Site : 03CH07HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 5</p>	 <p>Date: 2016-11-09 PEAK_74</p> <p>Site : 03CH07HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 5</p>
Avg.	 <p>Date: 2016-11-09 AVG_BE_54</p> <p>Site : 03CH07HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 5</p>	 <p>Date: 2016-11-09 AVG_54</p> <p>Site : 03CH07HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 5</p>

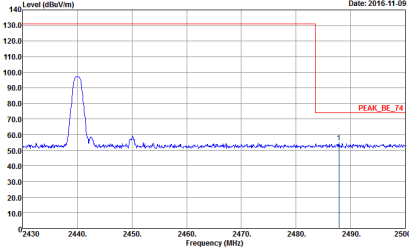
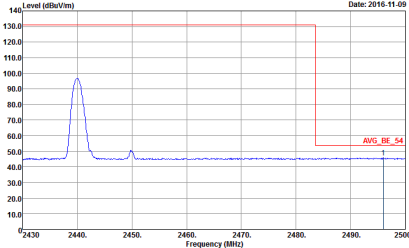


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH07HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : EN2711-09 Mode : 5</p>	Left blank
Avg.	 <p>Site : 03CH07HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : EN2711-09 Mode : 5</p>	Left blank

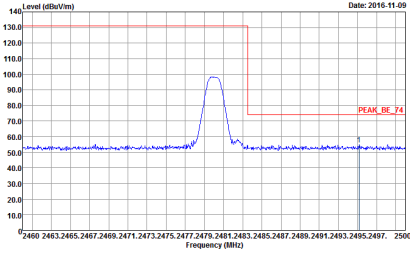
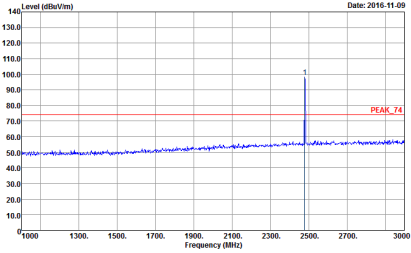
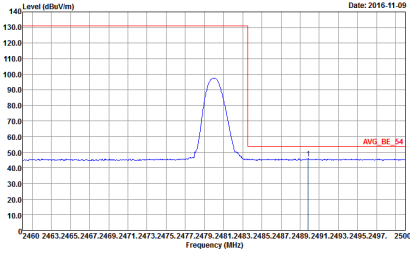
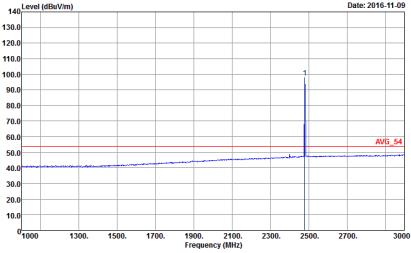


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-11-09 PEAK_BE_74</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 5</p>	 <p>Date: 2016-11-09 PEAK_74</p> <p>Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 5</p>
Avg.	 <p>Date: 2016-11-09 AVG_BE_54</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 5</p>	 <p>Date: 2016-11-09 AVG_54</p> <p>Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 5N2711-09 Mode : 5</p>

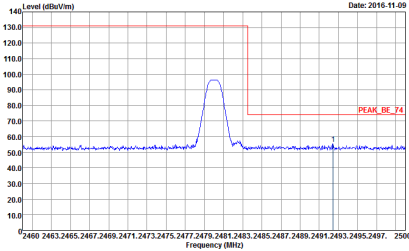
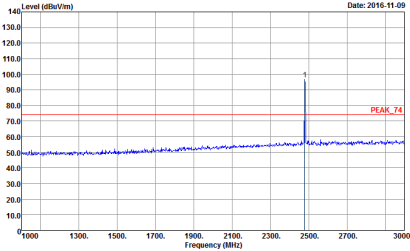
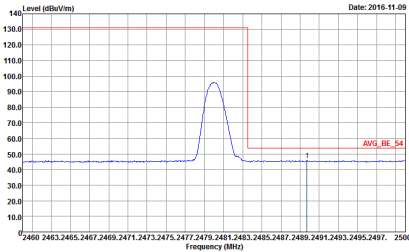
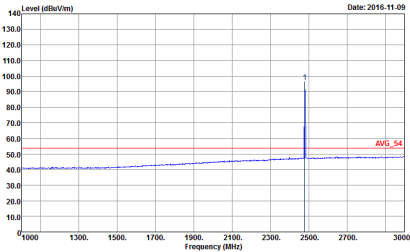


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - R	
1	Vertical	Fundamental
<p>Peak</p>	 <p>Date: 2016-11-09</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL Detector : Peak Project : SN2711-09 Mode : S</p>	<p>Left blank</p>
<p>Avg.</p>	 <p>Date: 2016-11-09</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL Detector : Peak Project : SN2711-09 Mode : S</p>	<p>Left blank</p>



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
1	Horizontal	Fundamental
Peak	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 2480 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 2460 to 2500 MHz. A red line indicates the peak level at approximately 100 dBuV/m.</p> <p>Site : 03CH07.HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SN2711-09 Mode : 6</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 2480 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 3000 MHz. A red line indicates the peak level at approximately 100 dBuV/m.</p> <p>Site : 03CH07.HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : SN2711-09 Mode : 6</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing an average level at 2480 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 2460 to 2500 MHz. A red line indicates the average level at approximately 55 dBuV/m.</p> <p>Site : 03CH07.HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : SN2711-09 Mode : 6</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing an average level at 2480 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 1000 to 3000 MHz. A red line indicates the average level at approximately 55 dBuV/m.</p> <p>Site : 03CH07.HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : SN2711-09 Mode : 6</p>

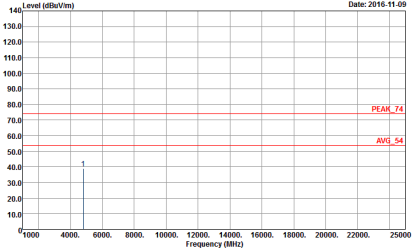
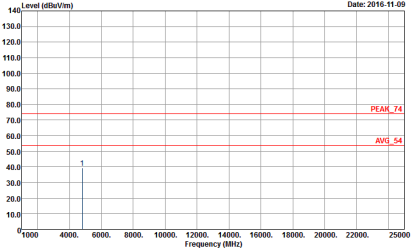


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VSW:3000.000kHz SWT:Auto Detector : Peak Project : SN2711-09 Mode : 6</p>	 <p>Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VSW:3000.000kHz SWT:Auto Detector : Peak Project : SN2711-09 Mode : 6</p>
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VSW:3.000kHz SWT:Auto Detector : Peak Project : SN2711-09 Mode : 6</p>	 <p>Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VSW:3.000kHz SWT:Auto Detector : Peak Project : SN2711-09 Mode : 6</p>



2.4GHz 2400~2483.5MHz

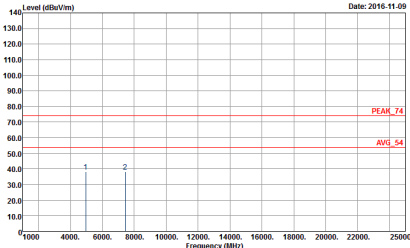
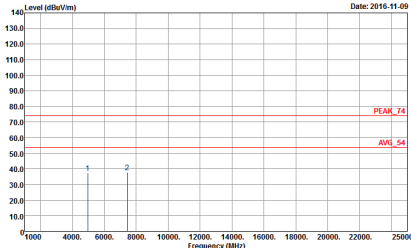
BLE (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH00 2402MHz	
1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 4</p>	 <p>Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 5N2711-09 Mode : 4</p>



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m													
ANT	BLE CH19 2440MHz													
1	Horizontal	Vertical												
Peak Avg.	<p>Horizontal Spectrum Plot Data:</p> <table border="1"> <thead> <tr> <th>Frequency (MHz)</th> <th>Level (dBuV/m)</th> </tr> </thead> <tbody> <tr> <td>4.8</td> <td>~45</td> </tr> <tr> <td>7.2</td> <td>~45</td> </tr> </tbody> </table>	Frequency (MHz)	Level (dBuV/m)	4.8	~45	7.2	~45	<p>Vertical Spectrum Plot Data:</p> <table border="1"> <thead> <tr> <th>Frequency (MHz)</th> <th>Level (dBuV/m)</th> </tr> </thead> <tbody> <tr> <td>4.8</td> <td>~45</td> </tr> <tr> <td>7.2</td> <td>~45</td> </tr> </tbody> </table>	Frequency (MHz)	Level (dBuV/m)	4.8	~45	7.2	~45
Frequency (MHz)	Level (dBuV/m)													
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7.2	~45													
Frequency (MHz)	Level (dBuV/m)													
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7.2	~45													

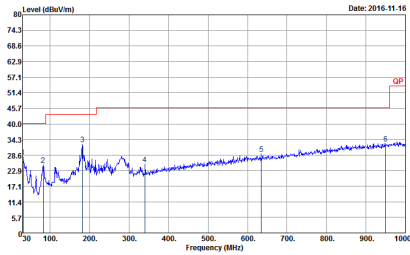
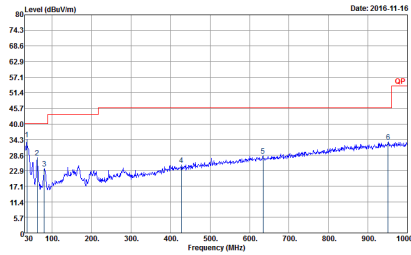


BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH39 2480MHz	
1	Horizontal	Vertical
Peak	 <p data-bbox="347 745 576 801">Site : 03CH07.HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : SIZT11-09 Mode : 6</p>	 <p data-bbox="941 745 1169 801">Site : 03CH07.HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : SIZT11-09 Mode : 6</p>



Emission below 1GHz

2.4GHz BLE (LF)

BLE	2.4GHz 2400~2483.5MHz	
ANT	BLE LF	
1	Horizontal	Vertical
<p>QP / Peak</p>	 <p>Site : 03CH07-HY Condition : QP 3m LF-ANT-35419(6) HORIZONTAL Detector : Peak Project : 5N2711-09 Mode : 38</p>	 <p>Site : 03CH07-HY Condition : QP 3m LF-ANT-35419(6) VERTICAL Detector : Peak Project : 5N2711-09 Mode : 38</p>