



## Appendix C. Radiated Spurious Emission Plots

<b>Test Engineer :</b>	Kyle Jhuang, Wilson Wu and Alex Jeng	<b>Temperature :</b>	24.5~25.0°C
		<b>Relative Humidity :</b>	50~58%

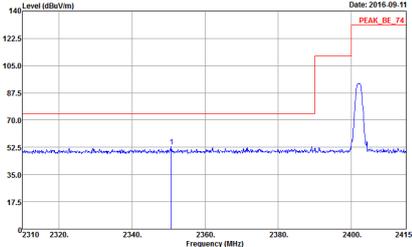
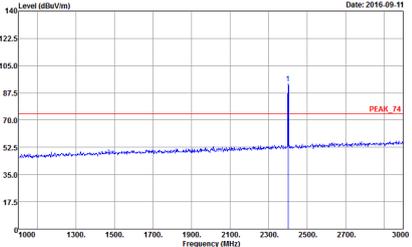
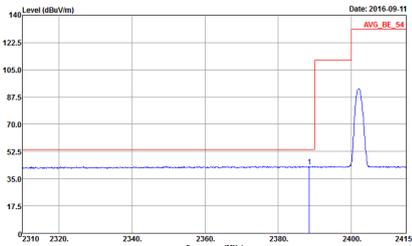
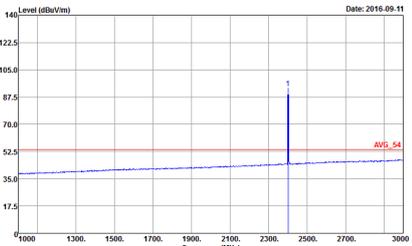
**Note symbol**

-L	Low channel location
-R	High channel location

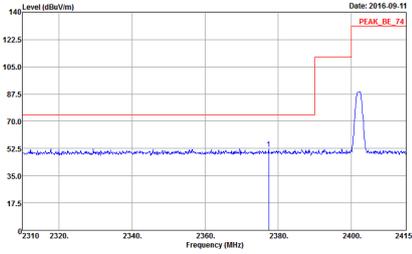
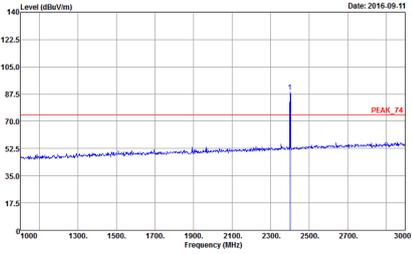
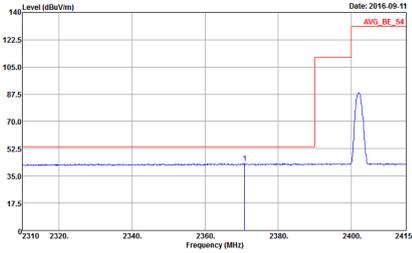
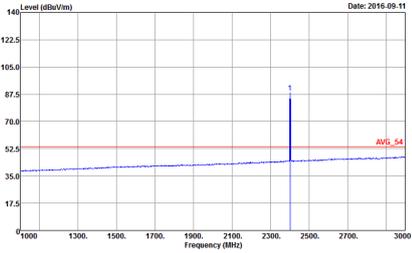


2.4GHz 2400~2483.5MHz

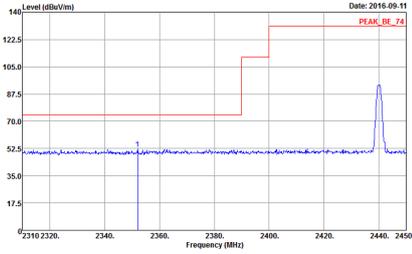
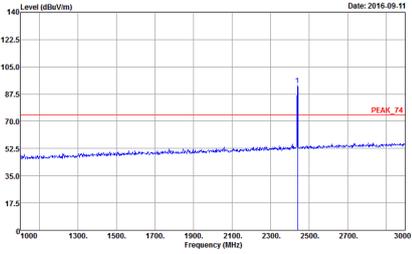
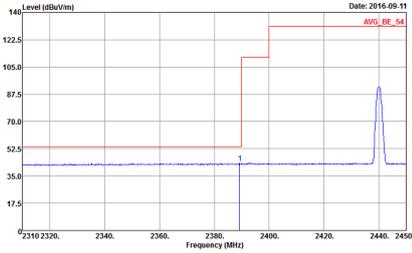
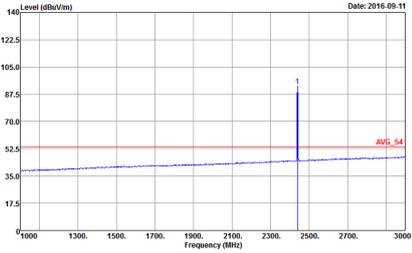
BLE (Band Edge @ 3m)

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-09-11</p> <p>Site : 03CH13-HY            Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 4</p>	 <p>Date: 2016-09-11</p> <p>Site : 03CH13-HY            Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 4</p>
Avg.	 <p>Date: 2016-09-11</p> <p>Site : 03CH13-HY            Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL            : RBW:1000.000KHz VBW:3.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 4</p>	 <p>Date: 2016-09-11</p> <p>Site : 03CH13-HY            Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL            : RBW:1000.000KHz VBW:3.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 4</p>

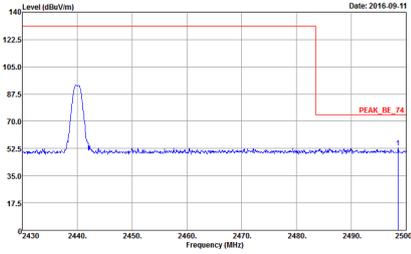
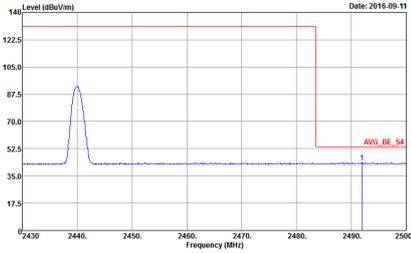


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-09-11 PEAK_BE_74</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 690507 Mode : 4</p>	 <p>Date: 2016-09-11 PEAK_74</p> <p>Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 690507 Mode : 4</p>
Avg	 <p>Date: 2016-09-11 AVG_BE_54</p> <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 690507 Mode : 4</p>	 <p>Date: 2016-09-11 AVG_54</p> <p>Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 690507 Mode : 4</p>

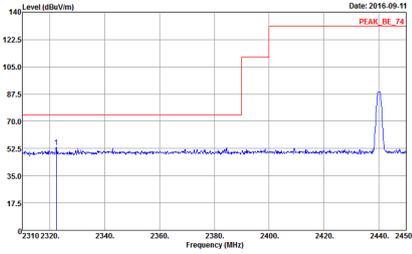
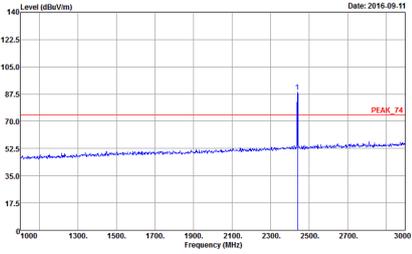
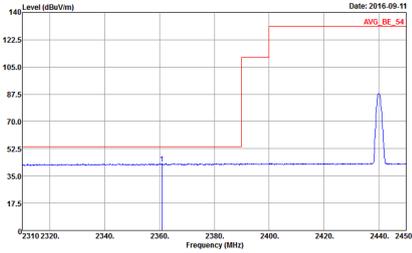
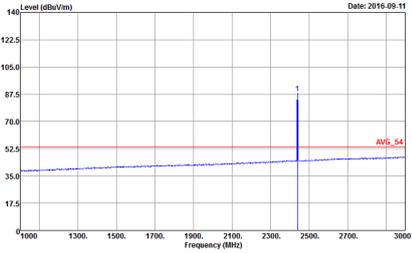


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-09-11 PEAK_BE_74</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 690507 Mode : 5</p>	 <p>Date: 2016-09-11 PEAK_74</p> <p>Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 690507 Mode : 5</p>
Avg.	 <p>Date: 2016-09-11 AVG_BE_54</p> <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 690507 Mode : 5</p>	 <p>Date: 2016-09-11 AVG_54</p> <p>Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 690507 Mode : 5</p>

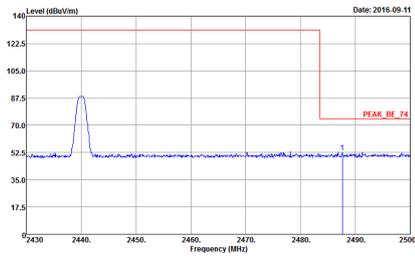
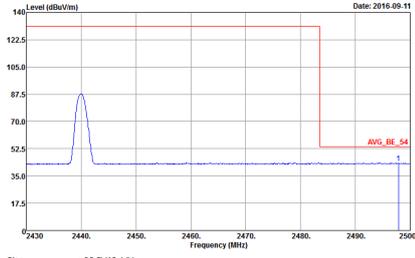


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016.09.11</p> <p>Site : 03CH13-HY            Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 5</p>	Left blank
Avg.	 <p>Date: 2016.09.11</p> <p>Site : 03CH13-HY            Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL            : RBW:1000.000KHz VBW:3.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 5</p>	Left blank

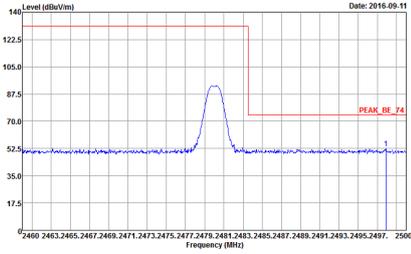
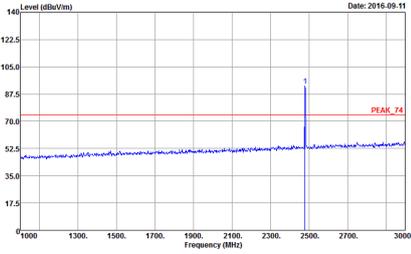
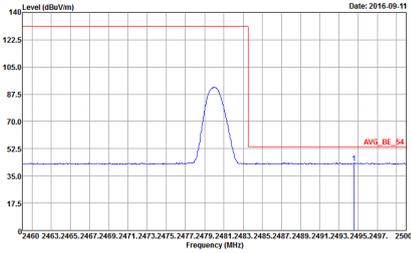
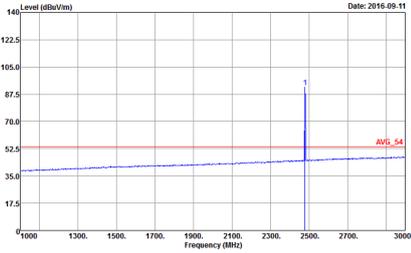


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-09-11 PEAK_BE_74</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 690507 Mode : 5</p>	 <p>Date: 2016-09-11 PEAK_74</p> <p>Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 690507 Mode : 5</p>
Avg.	 <p>Date: 2016-09-11 AVG_BE_54</p> <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 690507 Mode : 5</p>	 <p>Date: 2016-09-11 AVG_54</p> <p>Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 690507 Mode : 5</p>

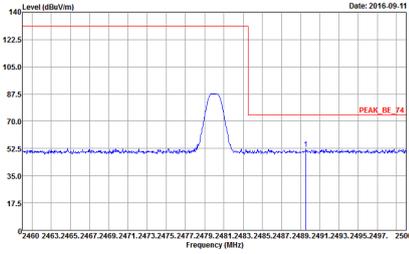
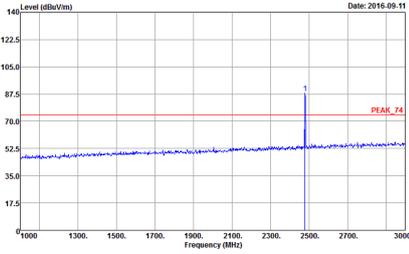
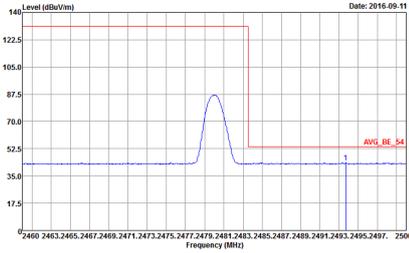
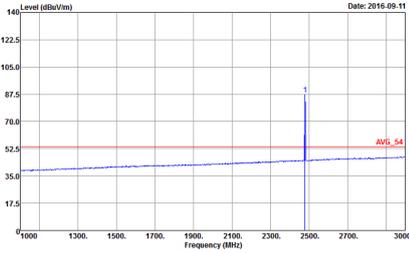


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - R	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-09-11</p> <p>Site : 03CH13-HY            Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 5</p>	Left blank
Avg.	 <p>Date: 2016-09-11</p> <p>Site : 03CH13-HY            Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL            : RBW:1000.000KHz VBW:3.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 5</p>	Left blank



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY            Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 6</p>	 <p>Site : 03CH13-HY            Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 6</p>
Avg.	 <p>Site : 03CH13-HY            Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL            : RBW:1000.000KHz VBW:3.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 6</p>	 <p>Site : 03CH13-HY            Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL            : RBW:1000.000KHz VBW:3.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 6</p>

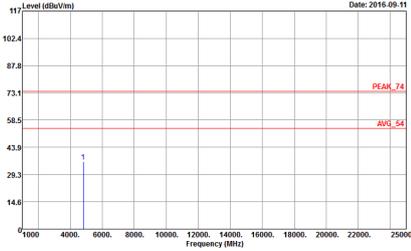
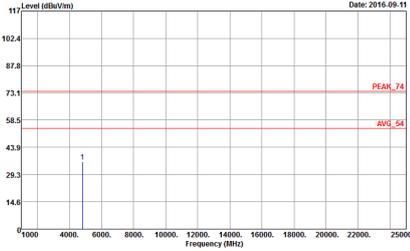


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
1	Vertical	Fundamental
Peak	 <p>Level (dBu/m) vs Frequency (MHz) plot showing a peak at approximately 2480 MHz. The peak level is around 85 dBu/m. A red box highlights the peak area, and a red line indicates the peak level. The plot is dated 2016-09-11.</p> <p>Site : 03CH13-HY            Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 0</p>	 <p>Level (dBu/m) vs Frequency (MHz) plot showing a peak at approximately 2480 MHz. The peak level is around 85 dBu/m. A red box highlights the peak area, and a red line indicates the peak level. The plot is dated 2016-09-11.</p> <p>Site : 03CH13-HY            Condition : PEAK_74 3m HORN_9120D_1241 VERTICAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 0</p>
Avg.	 <p>Level (dBu/m) vs Frequency (MHz) plot showing an average level at approximately 2480 MHz. The average level is around 75 dBu/m. A red box highlights the average level area, and a red line indicates the average level. The plot is dated 2016-09-11.</p> <p>Site : 03CH13-HY            Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL            : RBW:1000.000KHz VBW:3.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 0</p>	 <p>Level (dBu/m) vs Frequency (MHz) plot showing an average level at approximately 2480 MHz. The average level is around 75 dBu/m. A red box highlights the average level area, and a red line indicates the average level. The plot is dated 2016-09-11.</p> <p>Site : 03CH13-HY            Condition : AVG_54 3m HORN_9120D_1241 VERTICAL            : RBW:1000.000KHz VBW:3.000KHz SWT:Auto            Detector : Peak            Project : 690507            Mode : 0</p>

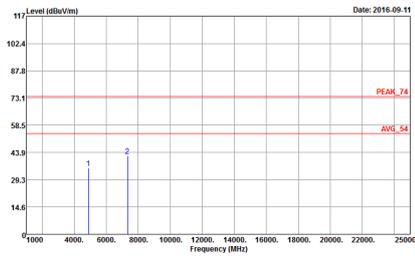
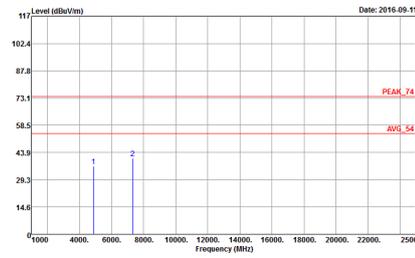


**2.4GHz 2400~2483.5MHz**

**BLE (Harmonic @ 3m)**

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH00 2402MHz	
1	Horizontal	Vertical
<p><b>Peak</b></p> <p><b>Avg.</b></p>	 <p>Date: 2016-09-11</p> <p>Site : 03CH13-HY            Condition : PEAK_74 3m SHF_HORN_584 HORIZONTAL            Detector : Peak            Project : 690507            Mode : 4</p>	 <p>Date: 2016-09-11</p> <p>Site : 03CH13-HY            Condition : PEAK_74 3m SHF_HORN_584 VERTICAL            Detector : Peak            Project : 690507            Mode : 4</p>



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH19 2440MHz	
1	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Site : 03CH13-HY Condition : PEAK_74 3m SHF_HORN_584 HORIZONTAL Detector : Peak Project : 690507 Mode : 5</p>	 <p>Site : 03CH13-HY Condition : PEAK_74 3m SHF_HORN_584 VERTICAL Detector : Peak Project : 690507 Mode : 5</p>

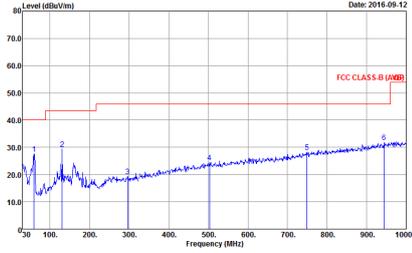
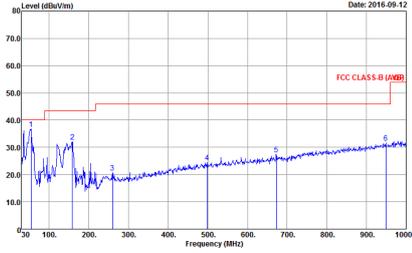


BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH39 2480MHz	
1	Horizontal	Vertical
Peak	<p>Site : 03CH13-HY Condition : PEAK_74 3m SHF_HORN_584 HORIZONTAL Detector : Peak Project : 690507 Mode : 6</p>	<p>Site : 03CH13-HY Condition : PEAK_74 3m SHF_HORN_584 VERTICAL Detector : Peak Project : 690507 Mode : 6</p>



Emission below 1GHz

2.4GHz BLE (LF)

<b>BLE</b>	<b>2.4GHz 2400~2483.5MHz</b>	
<b>ANT</b>	<b>BLE LF</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>QP / Peak</b>	 <p>Date: 2016-09-12</p> <p>Site : 03CH13-HY Condition : QP 3m 81LOG_40103 HORIZONTAL Detector : Peak Project : 690507 Mode : Z0</p>	 <p>Date: 2016-09-12</p> <p>Site : 03CH13-HY Condition : QP 3m 81LOG_40103 VERTICAL Detector : Peak Project : 690507 Mode : Z0</p>