



## Appendix C. Radiated Spurious Emission

Test Engineer :	Jesse Wang and James Chiu	Temperature :	22~23°C
		Relative Humidity :	45~52%

### Note symbol

-L	Low channel location
-R	High channel location

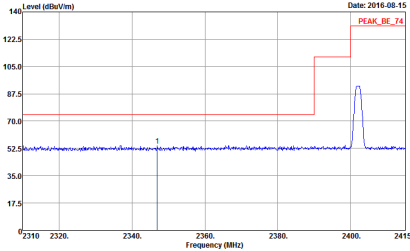
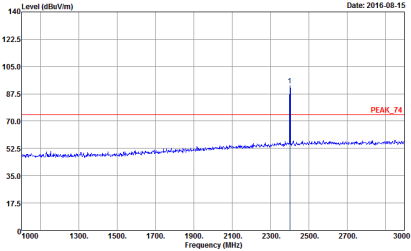
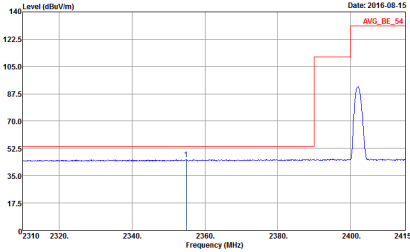
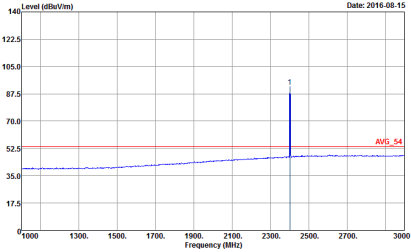


2.4GHz 2400~2483.5MHz

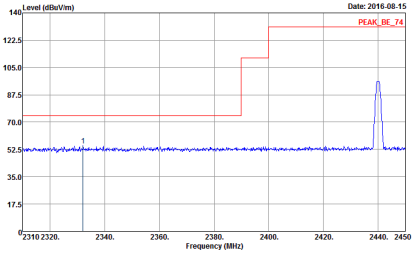
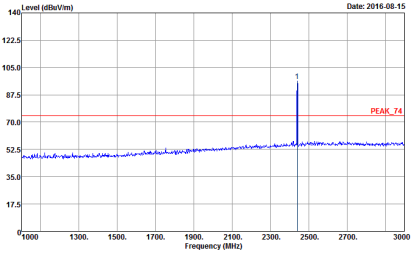
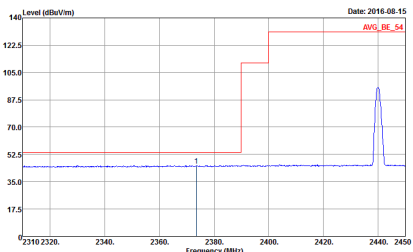
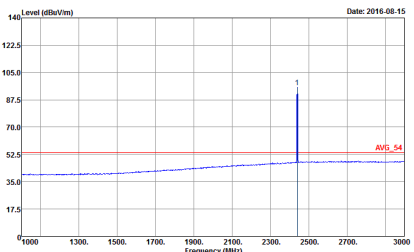
BLE (Band Edge @ 3m)

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
1	Horizontal	Fundamental
Peak	<p>Date: 2016-08-15 PEAK_BE_74</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 : 680207 Mode : 5</p>	<p>Date: 2016-08-15 PEAK_14</p> <p>Site : 03CH07-HY Condition : PEAK_14 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SWT: Auto Detector : Peak Project : 680207 Mode : 5</p>
Avg.	<p>Date: 2016-08-15 AVG_BE_54</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 : 680207 Mode : 5</p>	<p>Date: 2016-08-15 AVG_54</p> <p>Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW: 1000.000kHz VBW: 3.000kHz SWT: Auto Detector : Peak Project : 680207 Mode : 5</p>

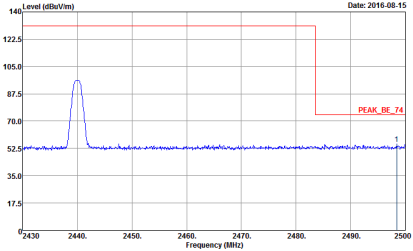
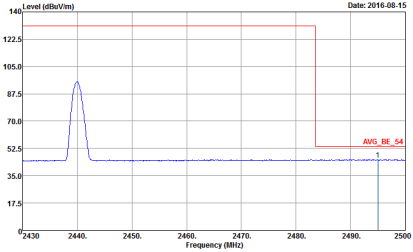


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-15 PEAK_BE_74</p> <p>Site : 03CH07.HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 680207 Mode : 5</p>	 <p>Date: 2016-08-15 PEAK_74</p> <p>Site : 03CH07.HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 680207 Mode : 5</p>
Avg	 <p>Date: 2016-08-15 AVG_BE_54</p> <p>Site : 03CH07.HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 680207 Mode : 5</p>	 <p>Date: 2016-08-15 AVG_54</p> <p>Site : 03CH07.HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 680207 Mode : 5</p>

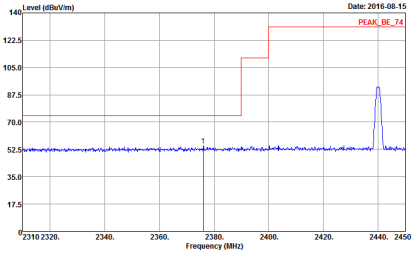
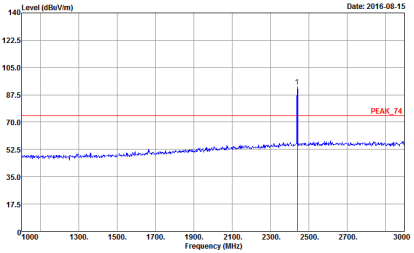
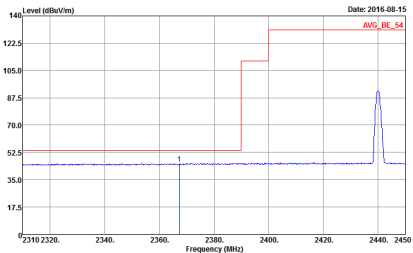
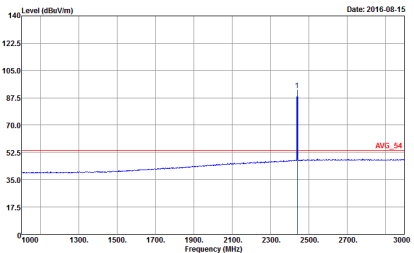


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - L	
1	Horizontal	Fundamental
Peak	 <p>Date: 2016-08-15 PEAK_BE_74</p> <p>Site : 03CH074HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 680207 Mode : 6</p>	 <p>Date: 2016-08-15 PEAK_74</p> <p>Site : 03CH074HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 680207 Mode : 6</p>
Avg.	 <p>Date: 2016-08-15 AVG_BE_54</p> <p>Site : 03CH074HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 680207 Mode : 6</p>	 <p>Date: 2016-08-15 AVG_54</p> <p>Site : 03CH074HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 680207 Mode : 6</p>

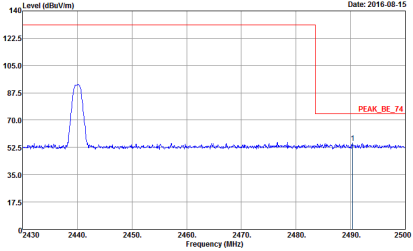
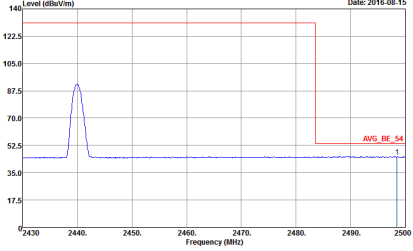


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - R	
1	Horizontal	Fundamental
Peak	 <p>           Date: 2016-08-15            Site : 03CH07 HY            Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL            Detector : Peak            Project : 680207            Mode : 6         </p>	Left blank
Avg.	 <p>           Date: 2016-08-15            Site : 03CH07 HY            Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL            Detector : Peak            Project : 680207            Mode : 6         </p>	Left blank

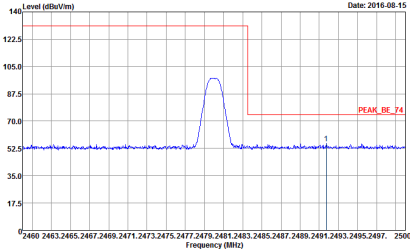
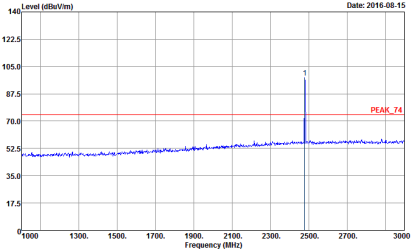
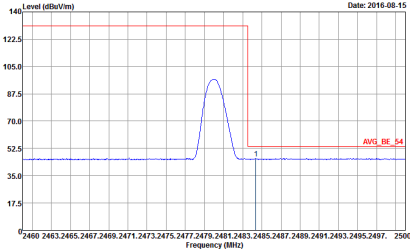
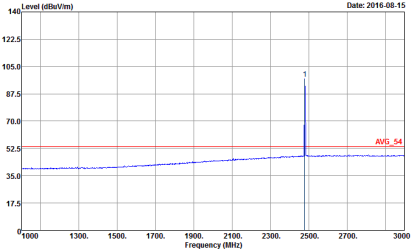


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - L	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-15 PEAK_BE_74</p> <p>Site : 03CH074HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 680207 Mode : 6</p>	 <p>Date: 2016-08-15 PEAK_74</p> <p>Site : 03CH074HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 680207 Mode : 6</p>
Avg.	 <p>Date: 2016-08-15 AVG_BE_54</p> <p>Site : 03CH074HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 680207 Mode : 6</p>	 <p>Date: 2016-08-15 AVG_54</p> <p>Site : 03CH074HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 680207 Mode : 6</p>



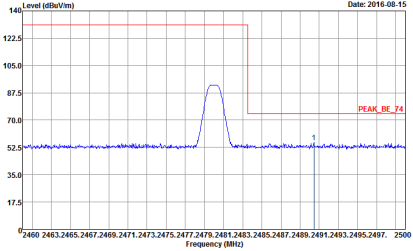
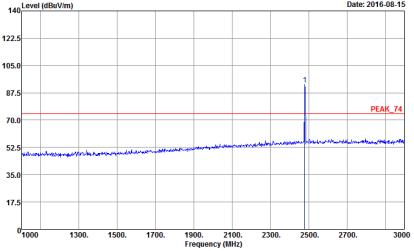
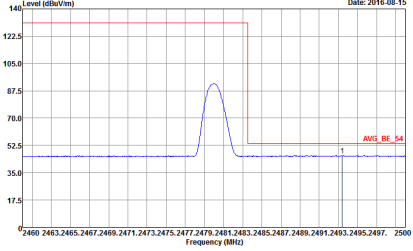
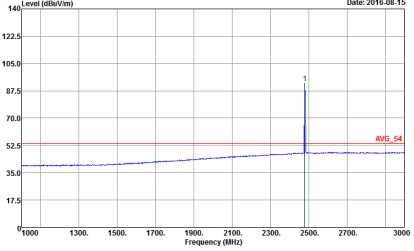
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - R	
1	Vertical	Fundamental
Peak	 <p>Date: 2016.08.15</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF ANT_130829 VERTICAL Detector : Peak Project : 680207 Mode : 6</p>	Left blank
Avg.	 <p>Date: 2016.08.15</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF ANT_130829 VERTICAL Detector : Peak Project : 680207 Mode : 6</p>	Left blank



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 peak level is approximately 105 dBuV/m. The plot includes a red box highlighting the peak and a red line indicating the level. The x-axis ranges from 2460 to 2500 MHz, and the y-axis ranges from 0 to 140 dBuV/m.</p> <p>Site : 03CH07.HY            Condition : PEAK_BE_T4 3m HF-ANT_130829 HORIZONTAL            Detector : Peak            Project : 680207            Mode : 7</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing a sharp peak at 2480 MHz. The peak level is approximately 105 dBuV/m. The plot includes a red box highlighting the peak and a red line indicating the level. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 0 to 140 dBuV/m.</p> <p>Site : 03CH07.HY            Condition : PEAK_T4 3m HF-ANT_130829 HORIZONTAL            Detector : Peak            Project : 680207            Mode : 7</p>
Avg.	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing the average level across the band. The average level is approximately 52.5 dBuV/m. The plot includes a red box highlighting the average level and a red line indicating the level. The x-axis ranges from 2460 to 2500 MHz, and the y-axis ranges from 0 to 140 dBuV/m.</p> <p>Site : 03CH07.HY            Condition : AVG_BE_S4 3m HF-ANT_130829 HORIZONTAL            Detector : Peak            Project : 680207            Mode : 7</p>	 <p>Level (dBuV/m) vs Frequency (MHz) plot showing the average level across the band. The average level is approximately 52.5 dBuV/m. The plot includes a red box highlighting the average level and a red line indicating the level. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 0 to 140 dBuV/m.</p> <p>Site : 03CH07.HY            Condition : AVG_S4 3m HF-ANT_130829 HORIZONTAL            Detector : Peak            Project : 680207            Mode : 7</p>



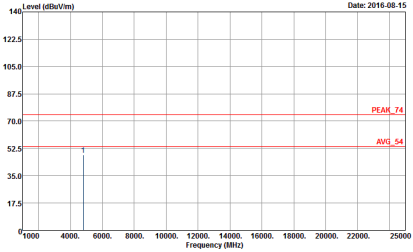
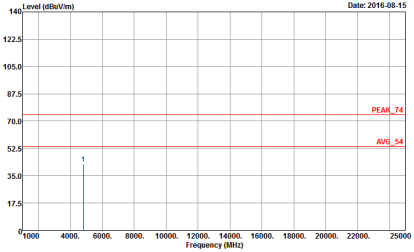


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
1	Vertical	Fundamental
Peak	 <p>Date: 2016-08-15</p> <p>Level (dBuV/m) vs Frequency (MHz)</p> <p>Site : 03CH07.HY  Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL  RBW:1000.000kHz VBW:3000.000kHz SWT:Auto  Detector : Peak  Project : 680207  Mode : 7</p>	 <p>Date: 2016-08-15</p> <p>Level (dBuV/m) vs Frequency (MHz)</p> <p>Site : 03CH07.HY  Condition : PEAK_74 3m HF-ANT_130829 VERTICAL  RBW:1000.000kHz VBW:3000.000kHz SWT:Auto  Detector : Peak  Project : 680207  Mode : 7</p>
Avg.	 <p>Date: 2016-08-15</p> <p>Level (dBuV/m) vs Frequency (MHz)</p> <p>Site : 03CH07.HY  Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL  RBW:1000.000kHz VBW:3.000kHz SWT:Auto  Detector : Peak  Project : 680207  Mode : 7</p>	 <p>Date: 2016-08-15</p> <p>Level (dBuV/m) vs Frequency (MHz)</p> <p>Site : 03CH07.HY  Condition : AVG_54 3m HF-ANT_130829 VERTICAL  RBW:1000.000kHz VBW:3.000kHz SWT:Auto  Detector : Peak  Project : 680207  Mode : 7</p>

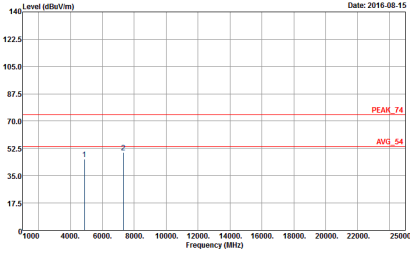
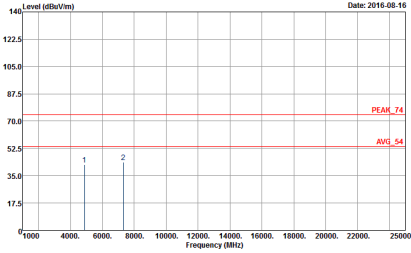


2.4GHz 2400~2483.5MHz

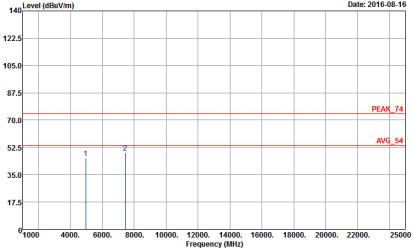
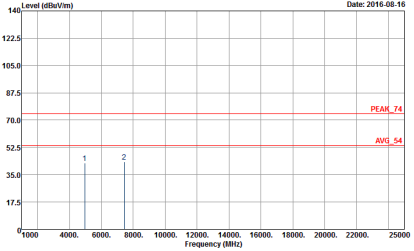
BLE (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH00 2402MHz	
1	Horizontal	Vertical
<p><b>Peak</b> <b>Avg.</b></p>	 <p>Site : 03CH07.HY            Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL            Detector : Peak            Project : 680207            Mode : S</p>	 <p>Site : 03CH07.HY            Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL            Detector : Peak            Project : 680207            Mode : S</p>



<b>BLE</b>	<b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>BLE CH19 2440MHz</b>	
<b>1</b>	<b>Horizontal</b>	<b>Vertical</b>
<p><b>Peak</b></p> <p><b>Avg.</b></p>	 <p>Site : 03CH07.HY          Condition : PEAK_T4 3m SHF-EHF_131029 HORIZONTAL          Detector : Peak          Project : 680207          Mode : 6</p>	 <p>Site : 03CH07.HY          Condition : PEAK_T4 3m SHF-EHF_131029 VERTICAL          Detector : Peak          Project : 680207          Mode : 6</p>

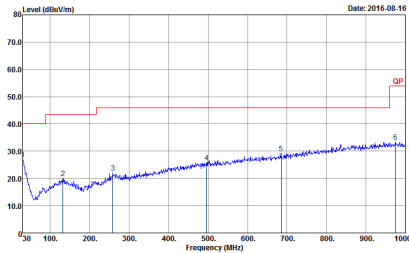
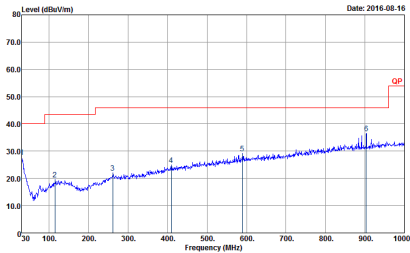


BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH39 2480MHz	
1	Horizontal	Vertical
Peak	 <p>Site : 03CH07.HY          Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL          Detector : Peak          Project : 680207          Mode : F</p>	 <p>Site : 03CH07.HY          Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL          Detector : Peak          Project : 680207          Mode : F</p>



Emission below 1GHz

2.4GHz BLE (LF)

BLE	2.4GHz 2400~2483.5MHz	
ANT	BLE LF	
1	Horizontal	Vertical
QP / Peak	 <p>Site : 03CH07-HY Condition : QP 3m LF-ANT-35419(6) HORIZONTAL Detector : Peak Project : 680207 Mode : 8</p>	 <p>Site : 03CH07-HY Condition : QP 3m LF-ANT-35419(6) VERTICAL Detector : Peak Project : 680207 Mode : 8</p>