



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

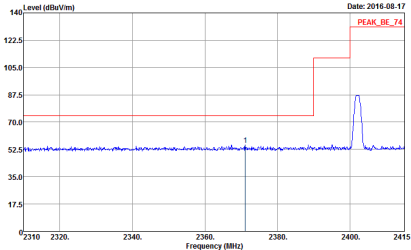
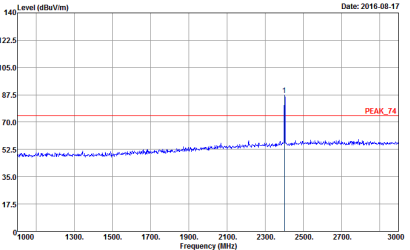
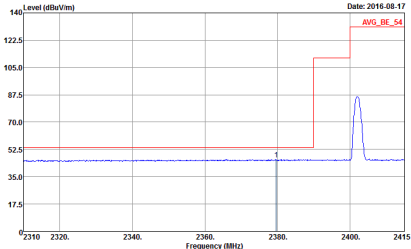
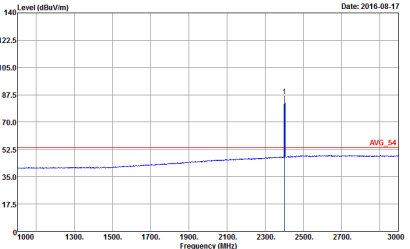


2.4GHz 2400~2483.5MHz

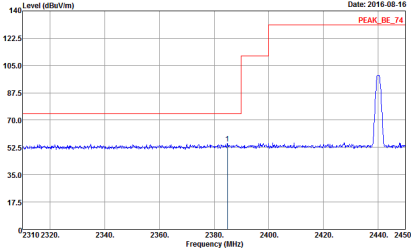
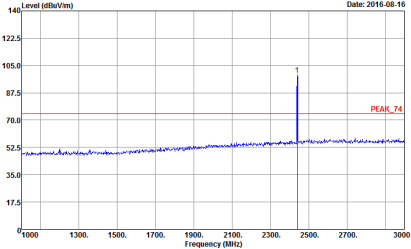
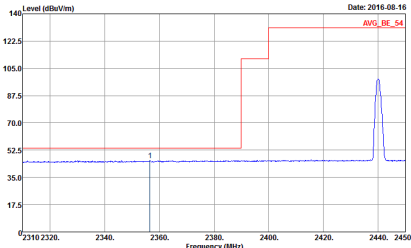
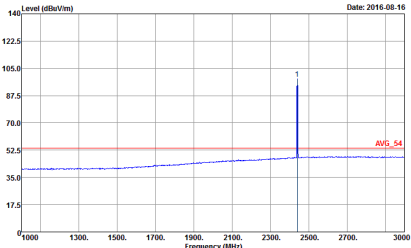
BLE (Band Edge @ 3m)

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
1	Horizontal	Fundamental
Peak	Horizontal Peak Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz) from 2310 to 2415 MHz. A sharp peak is visible at 2402 MHz, labeled PEAK_BE_74. The plot includes a red line for the peak level and a blue line for the noise floor. The peak level is approximately 125 dBuV/m. Site : 03CH074HY Condition : PEAK_BE_74 3m HF-ANT, 130829 HORIZONTAL Detector : Peak Project : 680209 Mode : 13	Fundamental Peak Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz) from 1000 to 3000 MHz. A sharp peak is visible at 2402 MHz, labeled PEAK_F4. The plot includes a red line for the peak level and a blue line for the noise floor. The peak level is approximately 125 dBuV/m. Site : 03CH074HY Condition : PEAK_F4 3m HF-ANT, 130829 HORIZONTAL Detector : Peak Project : 680209 Mode : 13
Avg.	Horizontal Avg Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz) from 2310 to 2415 MHz. A sharp peak is visible at 2402 MHz, labeled AVG_BE_54. The plot includes a red line for the average level and a blue line for the noise floor. The average level is approximately 125 dBuV/m. Site : 03CH074HY Condition : AVG_BE_54 3m HF-ANT, 130829 HORIZONTAL Detector : Peak Project : 680209 Mode : 13	Fundamental Avg Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz) from 1000 to 3000 MHz. A sharp peak is visible at 2402 MHz, labeled AVG_F4. The plot includes a red line for the average level and a blue line for the noise floor. The average level is approximately 125 dBuV/m. Site : 03CH074HY Condition : AVG_F4 3m HF-ANT, 130829 HORIZONTAL Detector : Peak Project : 680209 Mode : 13

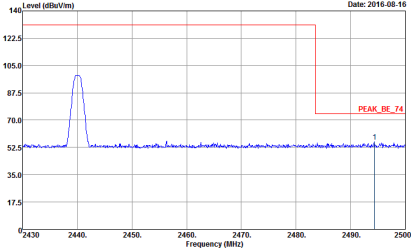
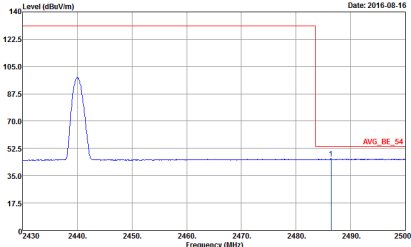


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 680209 Mode : 13	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : 680209 Mode : 13
Avg	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Project : 680209 Mode : 13	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Project : 680209 Mode : 13

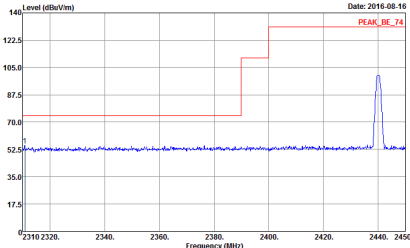
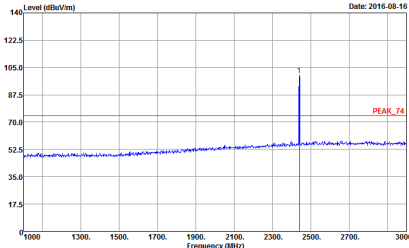
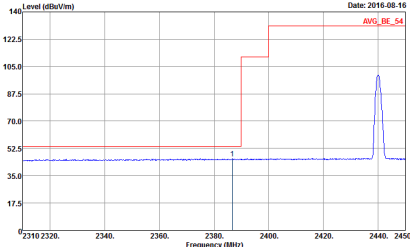
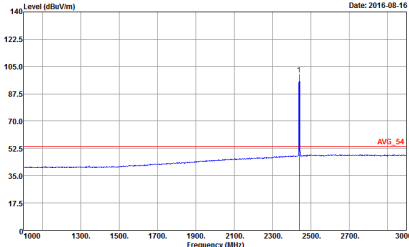


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - L	
1	Horizontal	Fundamental
Peak	 Level (dBuV/m) Frequency (MHz) Date: 2016-08-16 PEAK_BE_74 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 680209 Mode : 14	 Level (dBuV/m) Frequency (MHz) Date: 2016-08-16 PEAK_74 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 680209 Mode : 14
Avg.	 Level (dBuV/m) Frequency (MHz) Date: 2016-08-16 AVG_BE_54 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 680209 Mode : 14	 Level (dBuV/m) Frequency (MHz) Date: 2016-08-16 AVG_54 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 HORIZONTAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 680209 Mode : 14

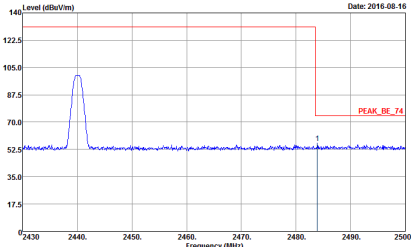
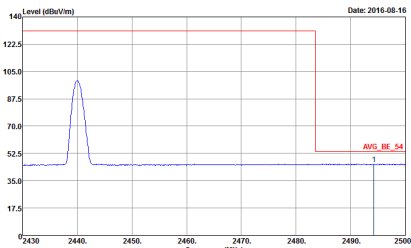


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 680209 Mode : 14	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Project : Peak Mode : 680209 Mode : 14	Left blank

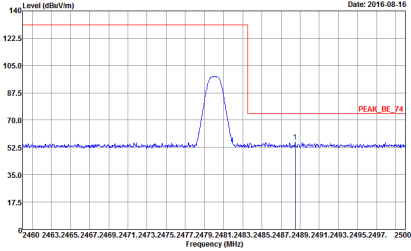
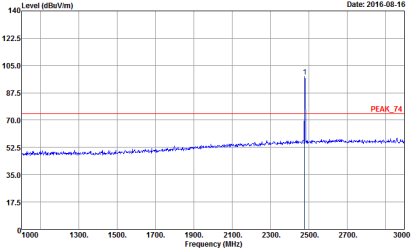
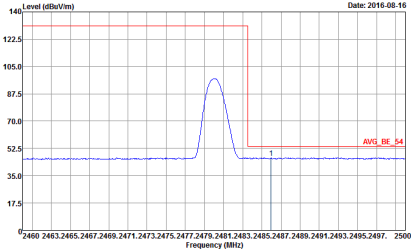
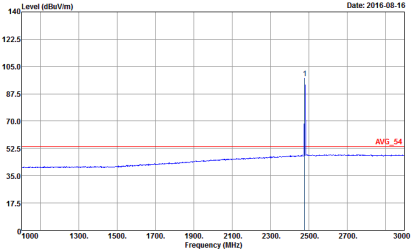


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 680209 Mode : 14	 Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 680209 Mode : 14
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 680209 Mode : 14	 Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL RBW:1000.000kHz VBW:3.000kHz SWT:Auto Detector : Peak Project : 680209 Mode : 14

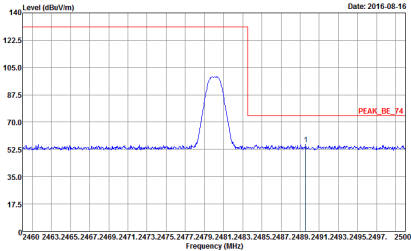
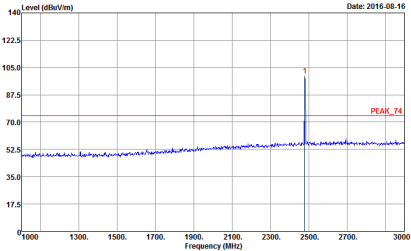
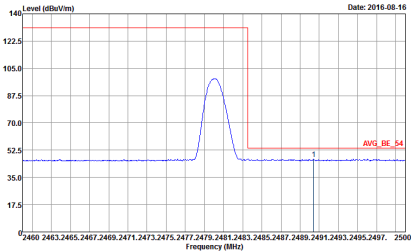
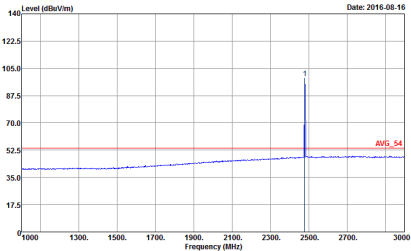


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-MY Condition : PEAK_BE_74 3m HF-ANT 130829 VERTICAL Detector : Peak Project : 680209 Mode : 14	Left blank
Avg.	 Site : 03CH07-MY Condition : AVG_BE_54 3m HF-ANT 130829 VERTICAL Detector : Peak Project : 680209 Mode : 14	Left blank



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH074HY Condition : PEAK_BE_74 3m HF-ANT 130829 HORIZONTAL Detector : Peak Project : 680209 Mode : 15	 Site : 03CH074HY Condition : PEAK_74 3m HF-ANT 130829 HORIZONTAL Detector : Peak Project : 680209 Mode : 15
Avg.	 Site : 03CH074HY Condition : AVG_BE_54 3m HF-ANT 130829 HORIZONTAL Detector : Peak Project : 680209 Mode : 15	 Site : 03CH074HY Condition : AVG_54 3m HF-ANT 130829 HORIZONTAL Detector : Peak Project : 680209 Mode : 15

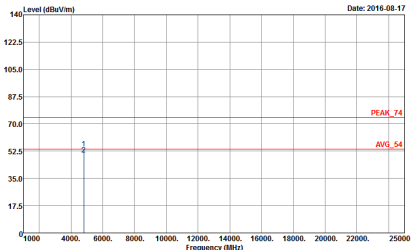
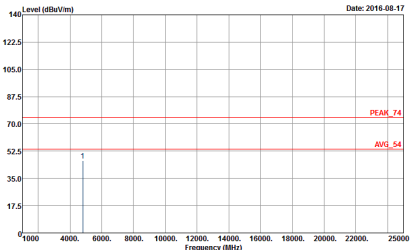


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
1	Vertical	Fundamental
Peak	 Level (dBuV/m) Frequency (MHz) Site : 03CH07-HY Condition : PEAK_BE_74 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 680209 Mode : 15	 Level (dBuV/m) Frequency (MHz) Site : 03CH07-HY Condition : PEAK_74 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 680209 Mode : 15
Avg.	 Level (dBuV/m) Frequency (MHz) Site : 03CH07-HY Condition : AVG_BE_54 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 680209 Mode : 15	 Level (dBuV/m) Frequency (MHz) Site : 03CH07-HY Condition : AVG_54 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 680209 Mode : 15



2.4GHz 2400~2483.5MHz

BLE (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH00 2402MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 680209 Mode : 13	 Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 680209 Mode : 13

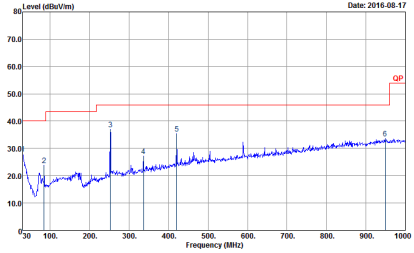
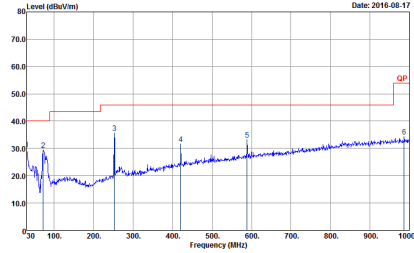


BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH19 2440MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-08-17 Frequency (MHz) Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 680209 Mode : 14	Level (dBuV/m) Date: 2016-08-17 Frequency (MHz) Site : 03CH07-HY Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 680209 Mode : 14



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH39 2480MHz	
1	Horizontal	Vertical
Peak	Level (dBuV/m) Date: 2016-08-17 Frequency (MHz) Site : 03CH07-HY Condition : PEAK_T4 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 680209 Mode : 15	Level (dBuV/m) Date: 2016-08-17 Frequency (MHz) Site : 03CH07-HY Condition : PEAK_T4 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 680209 Mode : 15

Emission below 1GHz
2.4GHz BLE (LF)

BLE	2.4GHz 2400~2483.5MHz	
ANT	BLE LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH07-HY Condition : QP 3m LF-ANT-35419(6) HORIZONTAL Detector : Peak Project : 680209 Mode : 16	 Site : 03CH07-HY Condition : QP 3m LF-ANT-35419(6) VERTICAL Detector : Peak Project : 680209 Mode : 16