



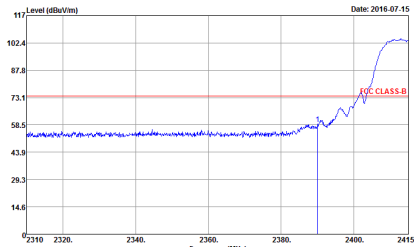
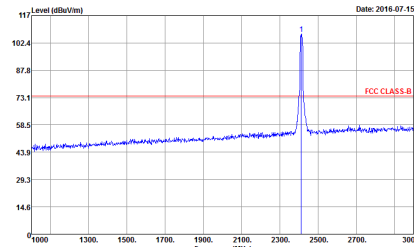
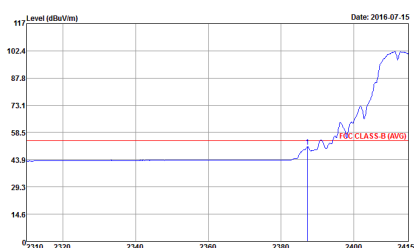
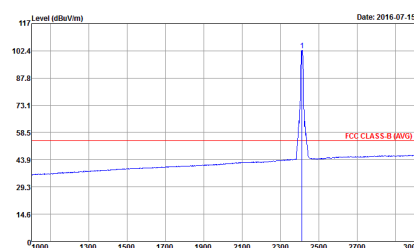
Appendix C. Radiated Spurious Emission Plots

Test Engineer :	Peter Chiu, Nick Yu, Ricky Su, Citta Ke and Karl Hou	Temperature :	21~23°C
		Relative Humidity :	55~57%

Note symbol

-L	Low channel location
-R	High channel location

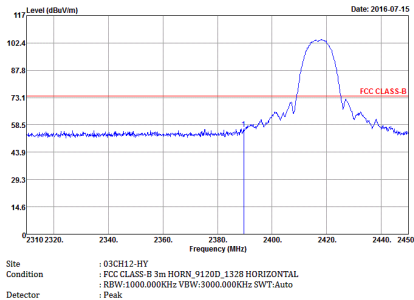
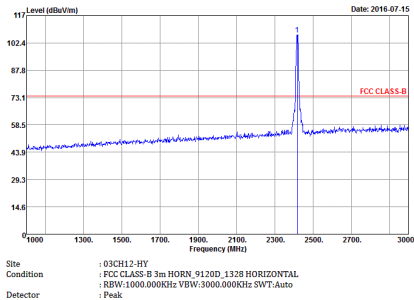
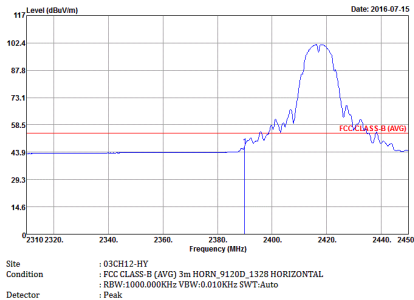
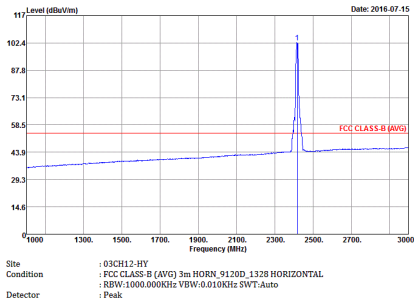
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2.4GHz 2400~2483.5MHz
WIFI 802.11b (Band Edge @ 3m)

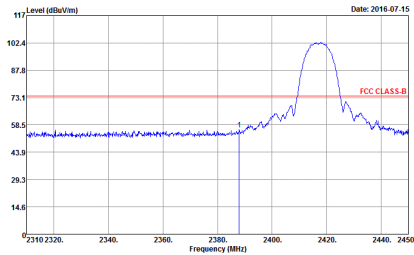
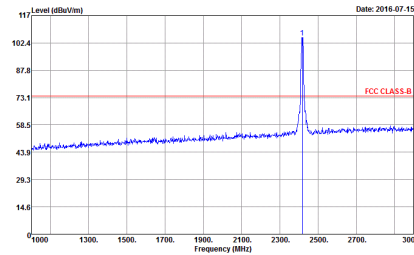
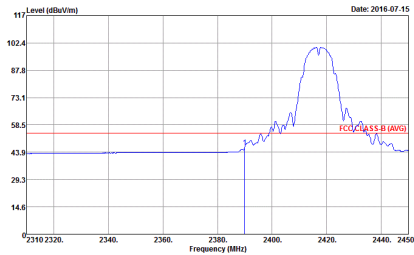
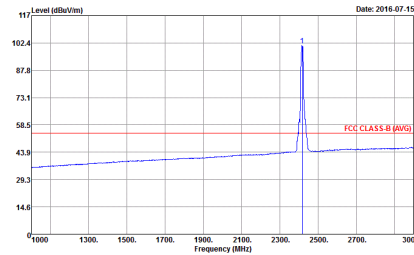
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN 9120D 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN 9120D 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Peak	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN 9120D 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Peak



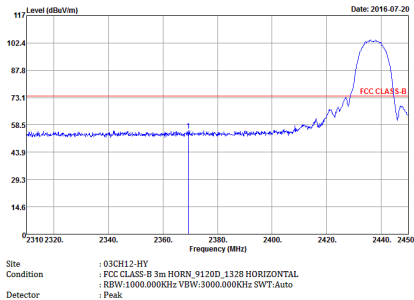
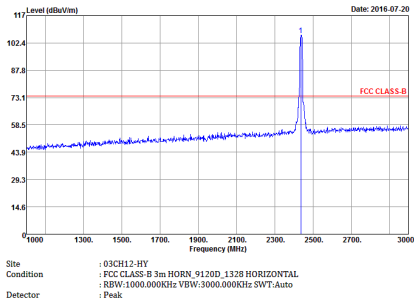
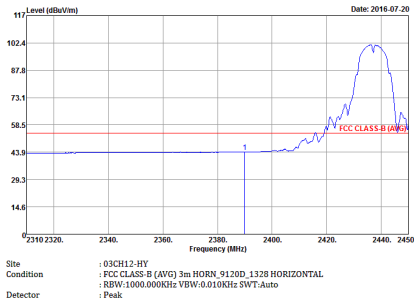
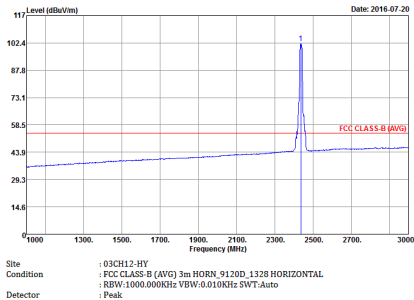
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Vertical	Fundamental
Peak		
Avg.		



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH02 2417MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto : Peak

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH02 2417MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Peak	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Peak

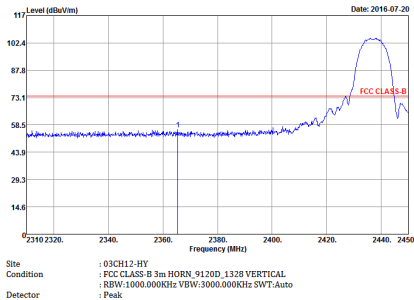
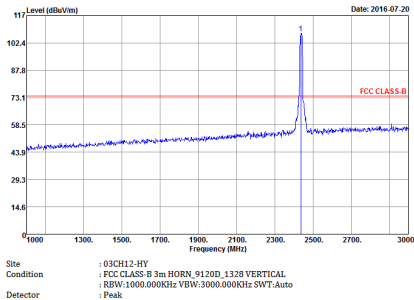
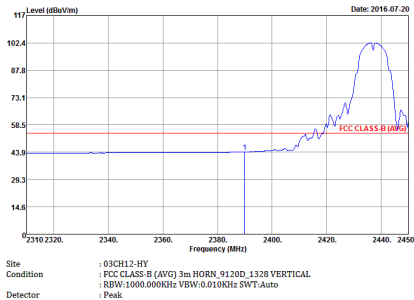
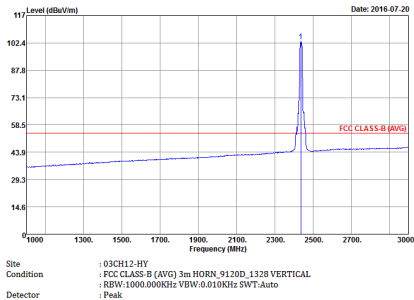


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto : Peak



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak	Left blank



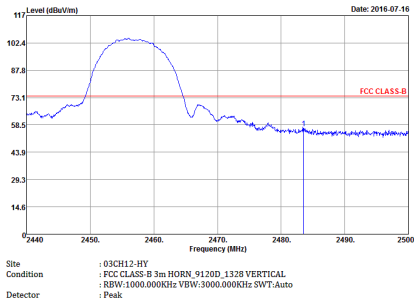
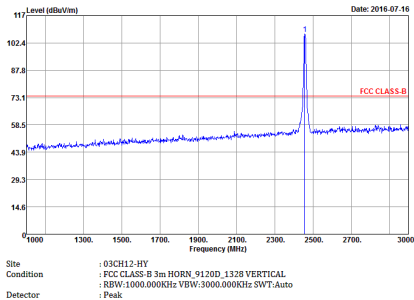
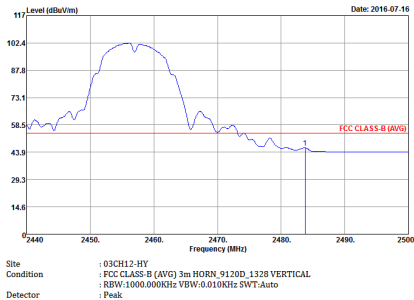
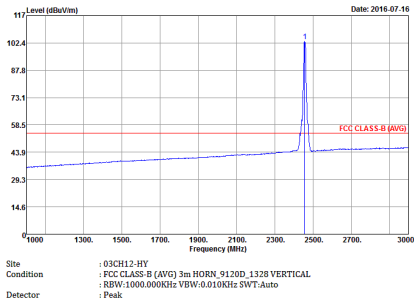
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 VERTICAL Detector : Peak	Left blank
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 VERTICAL Detector : Peak	Left blank



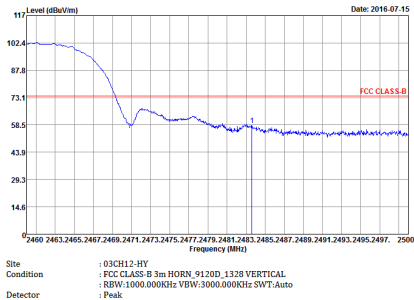
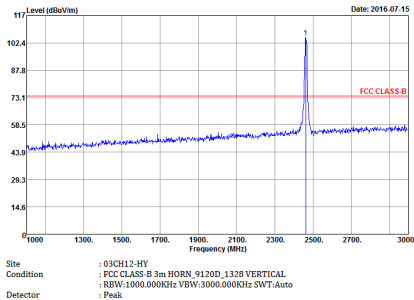
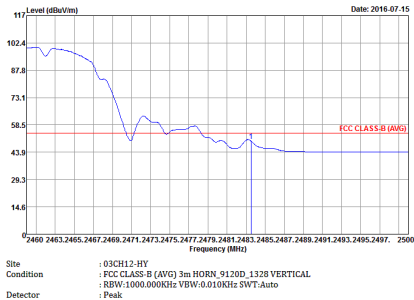
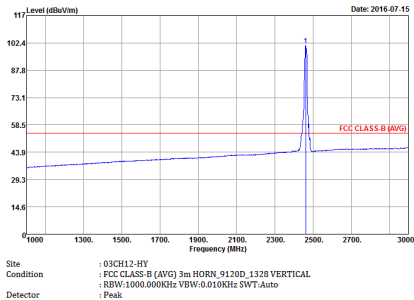
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH10 2457MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH10 2457MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Peak	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Peak

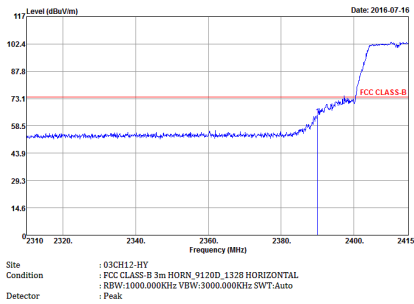
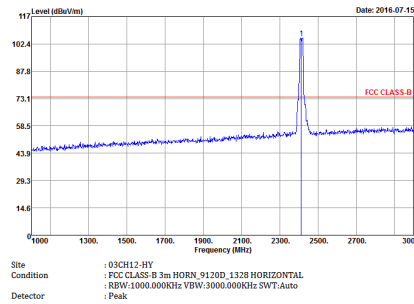
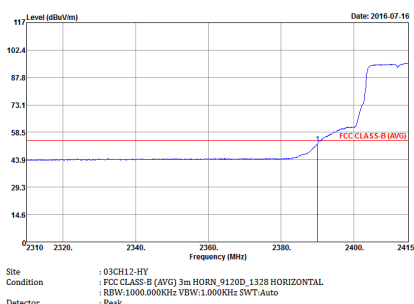
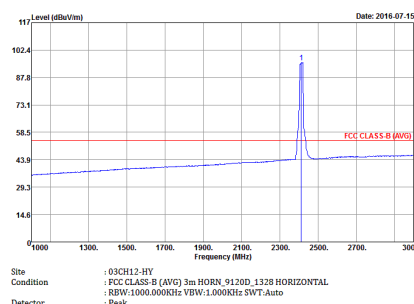


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Fundamental
Peak	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal polarization. The plot shows a blue line representing the signal level, which starts at approximately 102.4 dBuV/m at 2400 MHz, drops to about 73.1 dBuV/m by 2462 MHz, and then remains relatively flat with some noise. A red horizontal line indicates the FCC CLASS-B limit at 73.1 dBuV/m. The x-axis ranges from 2460 to 2500 MHz, and the y-axis ranges from 14.6 to 117 dBuV/m. Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL Detector : Peak	Peak Fundamental Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot shows a blue line representing the signal level, which is mostly flat around 43.9 dBuV/m, with a sharp peak at 2462 MHz reaching approximately 102.4 dBuV/m. A red horizontal line indicates the FCC CLASS-B limit at 73.1 dBuV/m. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 14.6 to 117 dBuV/m. Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL Detector : Peak
Avg.	Avg. Horizontal Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot shows a blue line representing the average signal level, which starts at approximately 102.4 dBuV/m at 2400 MHz, drops to about 73.1 dBuV/m by 2462 MHz, and then remains relatively flat. A red horizontal line indicates the FCC CLASS-B (AVG) limit at 73.1 dBuV/m. The x-axis ranges from 2460 to 2500 MHz, and the y-axis ranges from 14.6 to 117 dBuV/m. Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL Detector : Peak	Avg. Fundamental Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot shows a blue line representing the average signal level, which is mostly flat around 43.9 dBuV/m, with a sharp peak at 2462 MHz reaching approximately 102.4 dBuV/m. A red horizontal line indicates the FCC CLASS-B (AVG) limit at 73.1 dBuV/m. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 14.6 to 117 dBuV/m. Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL Detector : Peak



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Vertical	Fundamental
Peak		
Avg.		

2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN_9120D_1328 HORIZONTAL Detector : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN_9120D_1328 HORIZONTAL Detector : Peak
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Vertical	Fundamental
Peak		
Avg.		



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH02 2417MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto : Peak	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto : Peak



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH02 2417MHz	
1	Vertical	Fundamental
Peak		
Avg.		

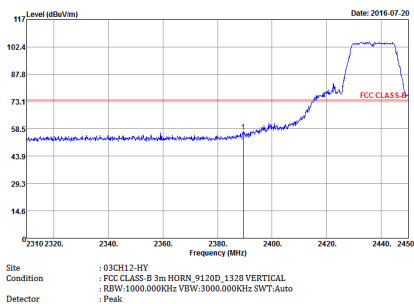
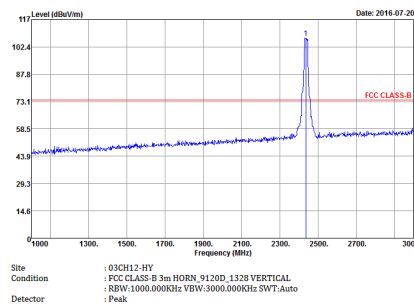
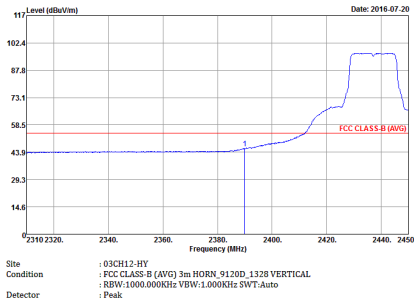
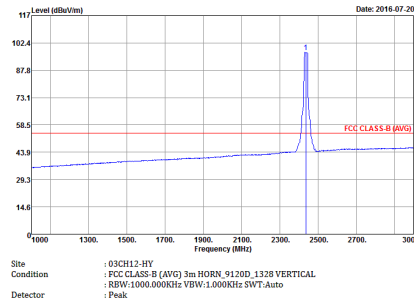


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto : Peak
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto : Peak	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto : Peak



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left blank
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Left Blank
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	Left Blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Peak	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Peak

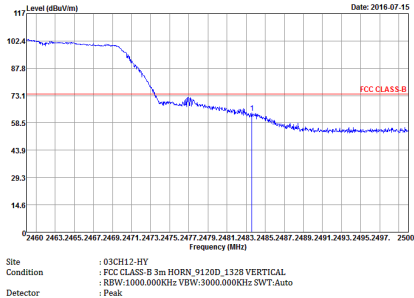
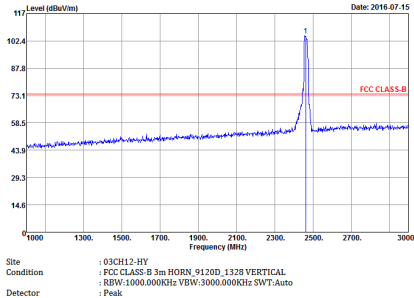
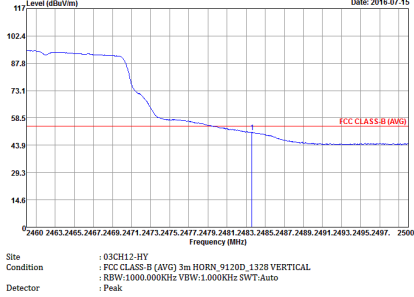
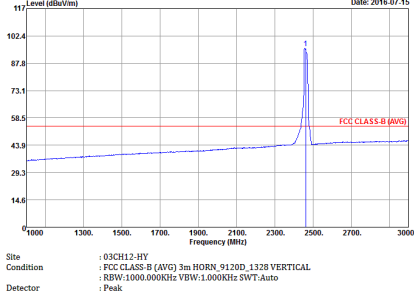


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH10 2457MHz	
1	Vertical	Fundamental
Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Peak	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Peak



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Fundamental
Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SVT:Auto Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SVT:Auto Peak
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SVT:Auto Peak	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SVT:Auto Peak

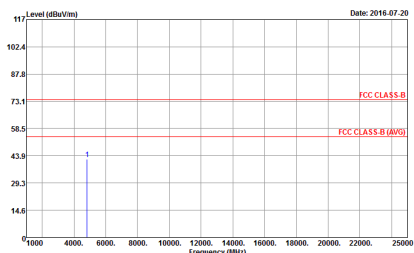
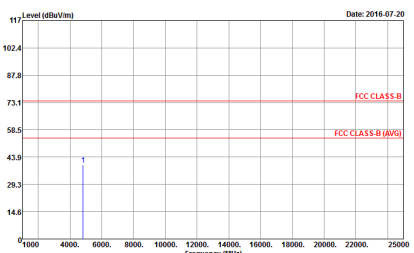


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Peak	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN, 9120D, 1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Peak



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN_9120D_1328 HORIZONTAL Detector : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN_9120D_1328 VERTICAL Detector : Peak

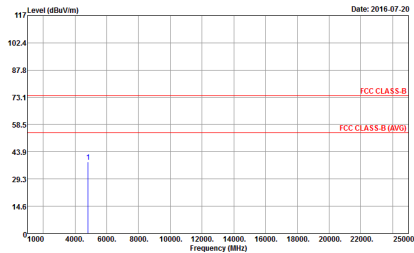
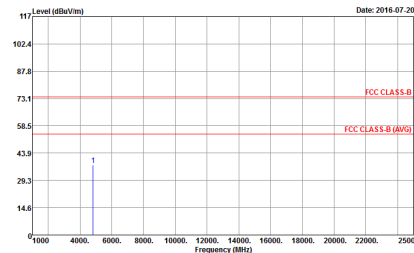


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1	Horizontal	Vertical
Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN_9120D_1328 HORIZONTAL Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN_9120D_1328 VERTICAL Detector : Peak



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Vertical
Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN_9120D_1328 HORIZONTAL Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN_9120D_1328 VERTICAL Detector : Peak

2.4GHz 2400~2483.5MHz
WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN_9120D_1328 HORIZONTAL Detector : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN_9120D_1328 VERTICAL Detector : Peak

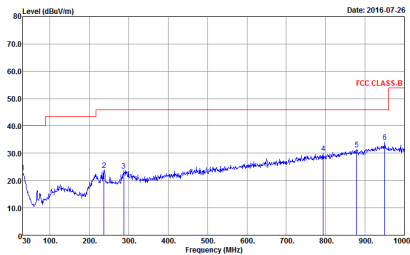
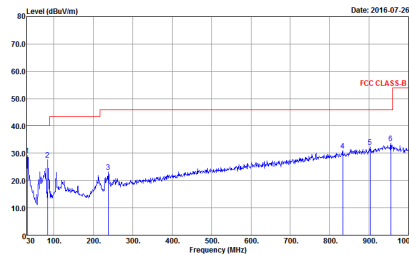


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN_9120D_1328 HORIZONTAL Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN_9120D_1328 VERTICAL Detector : Peak



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Vertical
Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN_9120D_132B HORIZONTAL Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B 3m HORN_9120D_132B VERTICAL Detector : Peak

Emission below 1GHz
2.4GHz WIFI 802.11g (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m BILOG_6111D_37059 HORIZONTAL Detector : RBW:120.000KHz VBW:300.000KHz SWT:0.500sec : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m BILOG_6111D_37059 VERTICAL Detector : RBW:120.000KHz VBW:300.000KHz SWT:0.500sec : Peak