



Appendix C. Radiated Spurious Emission Plots

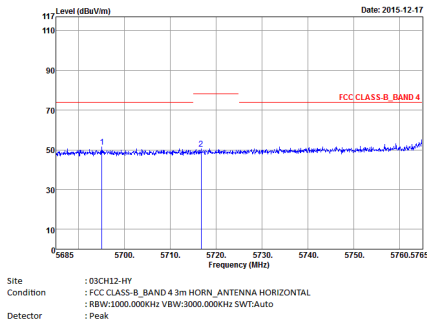
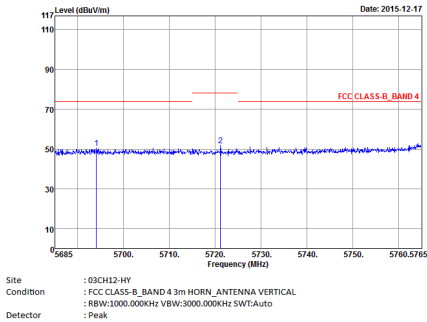
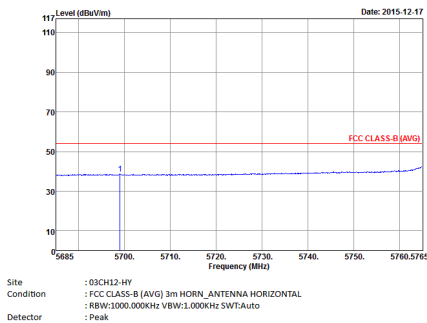
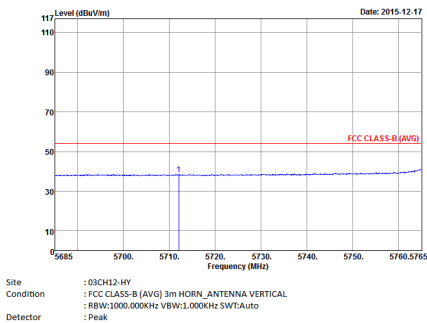
Test Engineer :	Luke Chang, Ricky Su, and Nick Yu	Temperature :	20~24°C
		Relative Humidity :	50~54%

Band 4 - 5725~5850MHz

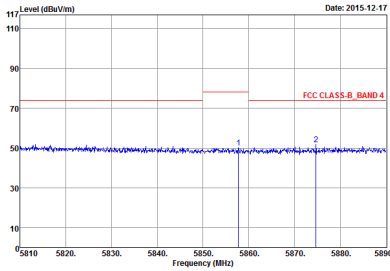
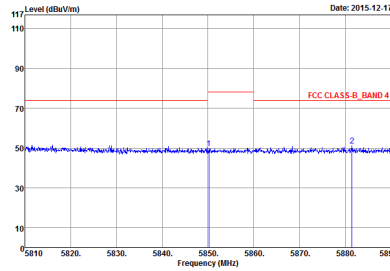
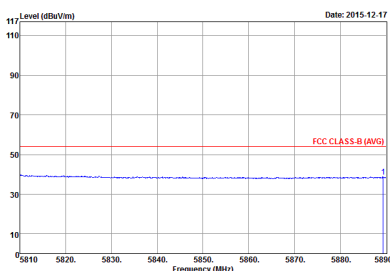
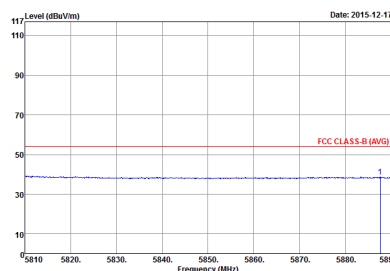
WIFI 802.11a (Band Edge @ 3m)

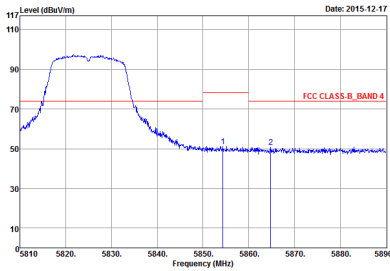
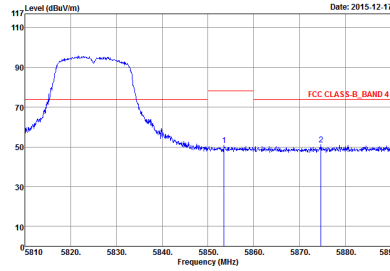
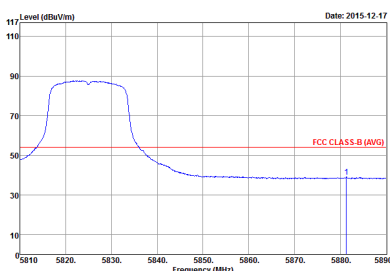
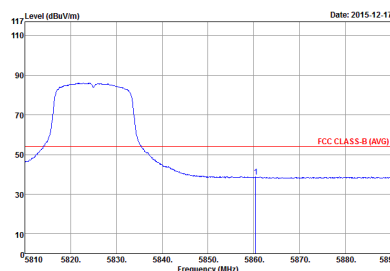
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
1	Horizontal	Vertical
Peak	Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_ ANTENNA HORIZONTAL Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_ ANTENNA VERTICAL Detector : Peak
	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA HORIZONTAL Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA VERTICAL Detector : Peak



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz - Low channel location	
1	Horizontal	Vertical
Peak		
Avg.		



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz - High channel location	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B BAND 4 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B BAND 4 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak



Band 4 5725~5850MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

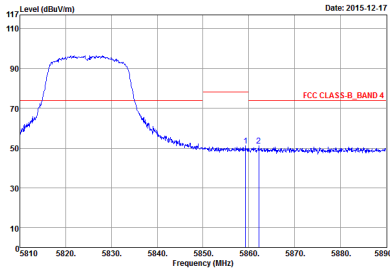
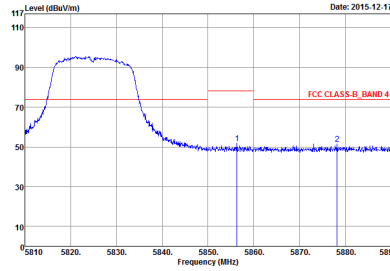
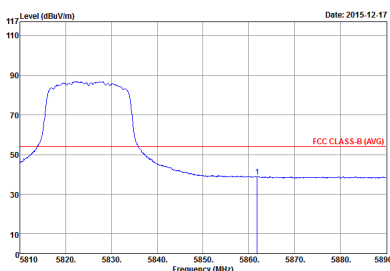
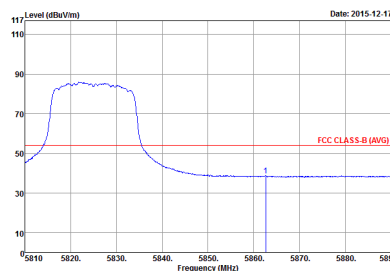
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1	Horizontal	Vertical
Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto : Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto : Peak
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ANTENNA HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto : Peak	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ANTENNA VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto : Peak



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz - Low channel location	
1	Horizontal	Vertical
Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz - High channel location	
1	Horizontal	Vertical
Peak	117 110 90 70 50 30 10 0 Level (dBuV/m) Date: 2015-12-17 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak	117 110 90 70 50 30 10 0 Level (dBuV/m) Date: 2015-12-17 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak
Avg.	117 110 90 70 50 30 10 0 Level (dBuV/m) Date: 2015-12-17 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Peak	117 110 90 70 50 30 10 0 Level (dBuV/m) Date: 2015-12-17 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Peak

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak



Band 4 5725~5850MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz - Low channel location	
1	Horizontal	Vertical
Peak	Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_ ANTENNA HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Peak	Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_ ANTENNA VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Peak
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA HORIZONTAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Peak	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA VERTICAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Peak



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz - High channel location	
1	Horizontal	Vertical
Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz - Low channel location	
1	Horizontal	Vertical
Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz - High channel location	
1	Horizontal	Vertical
Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak



Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

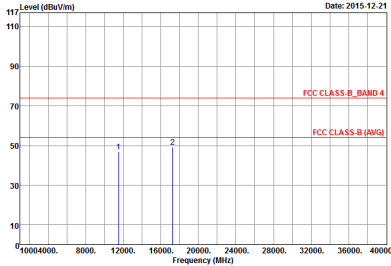
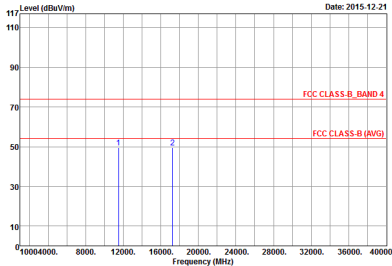
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz - Low channel location	
1	Horizontal	Vertical
Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : Peak
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ANTENNA HORIZONTAL Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ANTENNA VERTICAL Detector : Peak



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz - High channel location	
1	Horizontal	Vertical
Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak
Avg.	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak



Band 4 - 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : Peak



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : Peak



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : Peak



Band 4 5725~5850MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : Peak



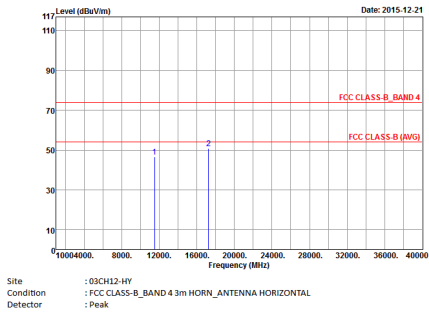
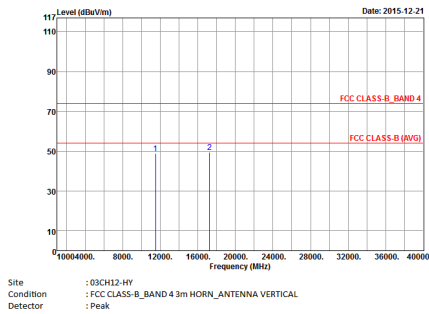
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : Peak



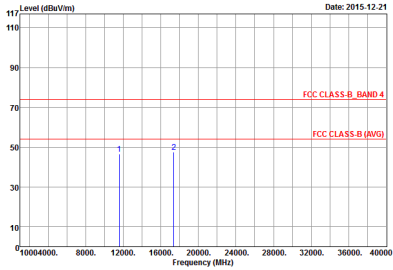
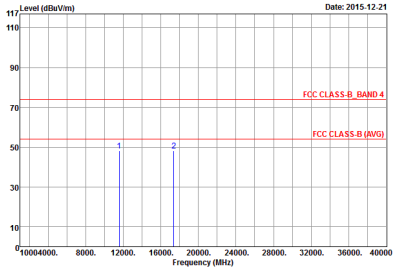
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : Peak	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : Peak



Band 4 5725~5850MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

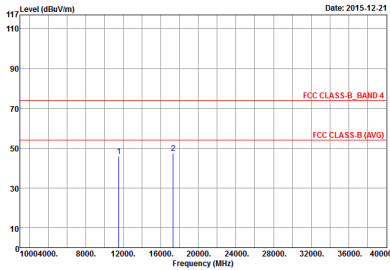
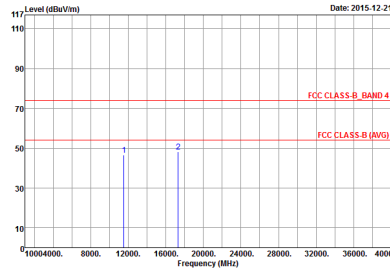
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : Peak



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : Peak

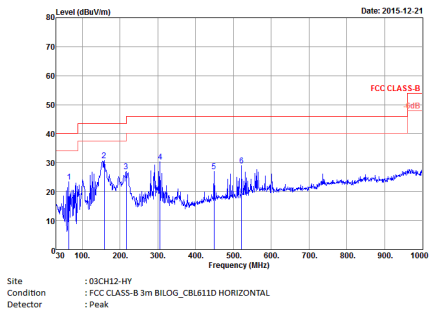
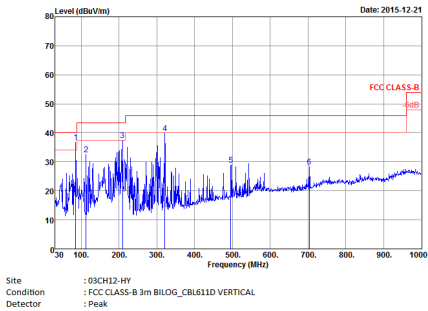


Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 63CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA HORIZONTAL Detector : Peak	 Site : 63CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA VERTICAL Detector : Peak



Emission below 1GHz
5GHz WIFI 802.11ac VHT80 (LF)

WIFI	5GHz 5725~5850MHz	
ANT	802.11ac VHT80 LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m BILOG_CBL611D HORIZONTAL Detector : Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m BILOG_CBL611D VERTICAL Detector : Peak