



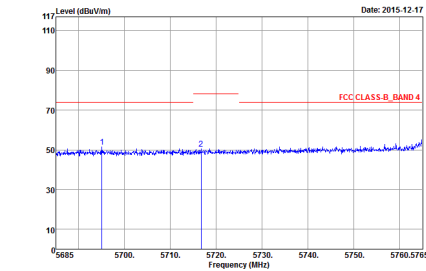
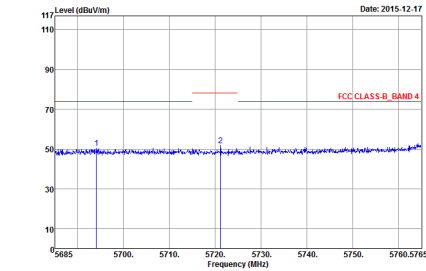
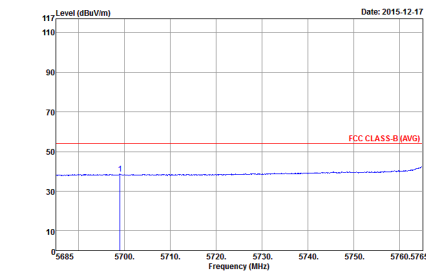
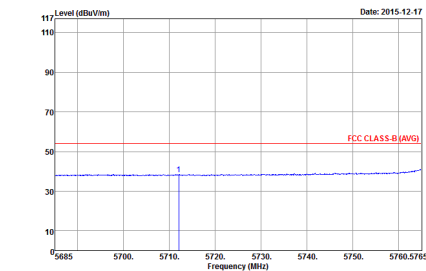
## Appendix C. Radiated Spurious Emission Plots

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

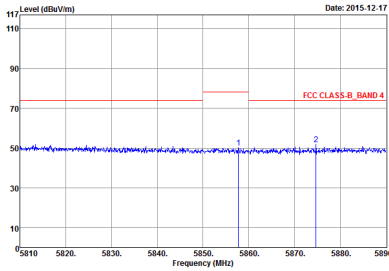
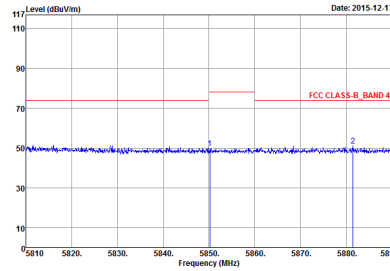
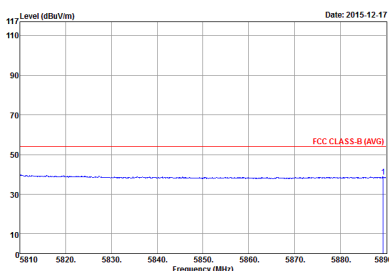
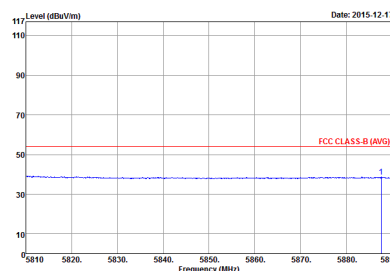
### Band 4 - 5725~5850MHz WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
1	Horizontal	Vertical
Peak	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak</p>	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak</p>
	<p>Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak</p>	<p>Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak</p>



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



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



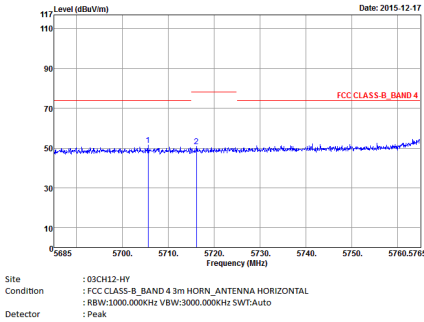
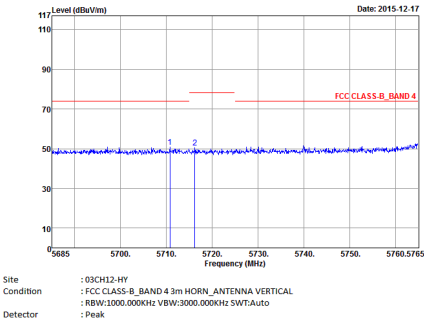

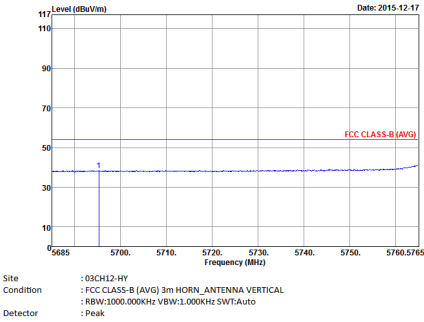
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
1	Horizontal	Vertical
Peak	<p>Site : 03CH12-HY Condition : FCC CLASS-B BAND 4 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak</p>	<p>Site : 03CH12-HY Condition : FCC CLASS-B BAND 4 3m HORN_ ANTENNA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



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	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto : Peak</p>	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto : Peak</p>
Avg.	<p>Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ANTENNA HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto : Peak</p>	<p>Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ANTENNA VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SWT:Auto : Peak</p>

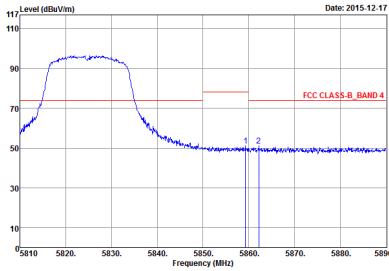
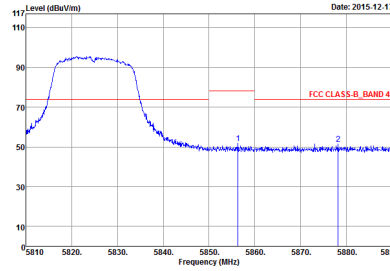
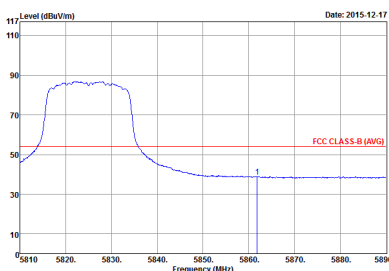
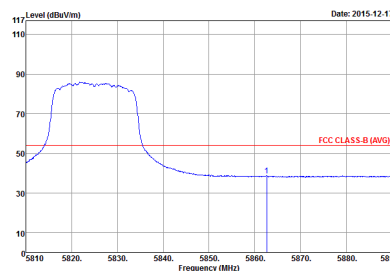


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz - Low channel location	
1	Horizontal	Vertical
Peak		
Avg.		



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



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





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	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Peak</p>	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Peak</p>
Avg.	<p>Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ANTENNA HORIZONTAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Peak</p>	<p>Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ANTENNA VERTICAL Detector : RBW:1000.000kHz VBW:3.000kHz SWT:Auto Peak</p>



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



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



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz - High channel location	
1	Horizontal	Vertical
Peak	<p>Horizontal Peak Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a blue line representing the spectrum, with a red horizontal line indicating the FCC CLASS-B_BAND 4 limit. Two peaks are marked with vertical lines and labeled 1 and 2. The x-axis ranges from 5810 to 5890 MHz, and the y-axis ranges from 10 to 117 dBuV/m.</p> <p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak</p>	<p>Vertical Peak Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a blue line representing the spectrum, with a red horizontal line indicating the FCC CLASS-B_BAND 4 limit. Two peaks are marked with vertical lines and labeled 1 and 2. The x-axis ranges from 5810 to 5890 MHz, and the y-axis ranges from 10 to 117 dBuV/m.</p> <p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak</p>
Avg.	<p>Horizontal Avg. Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a blue line representing the average spectrum, with a red horizontal line indicating the FCC CLASS-B (AVG) limit. A peak is marked with a vertical line and labeled 1. The x-axis ranges from 5810 to 5890 MHz, and the y-axis ranges from 10 to 117 dBuV/m.</p> <p>Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak</p>	<p>Vertical Avg. Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a blue line representing the average spectrum, with a red horizontal line indicating the FCC CLASS-B (AVG) limit. A peak is marked with a vertical line and labeled 1. The x-axis ranges from 5810 to 5890 MHz, and the y-axis ranges from 10 to 117 dBuV/m.</p> <p>Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak</p>



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

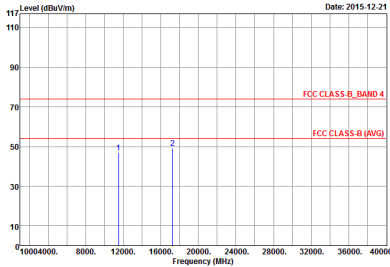
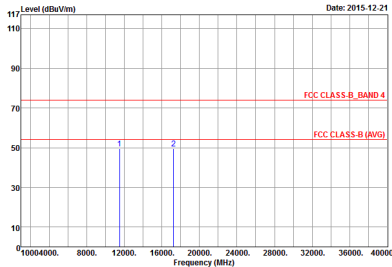
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz - Low channel location	
1	Horizontal	Vertical
Peak	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : Peak</p>	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector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



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz - High channel location	
1	Horizontal	Vertical
Peak	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak</p>	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak</p>
Avg.	<p>Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak</p>	<p>Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_ ANTENNA VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak</p>



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

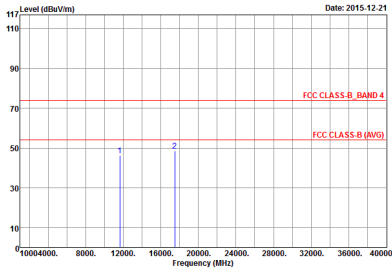
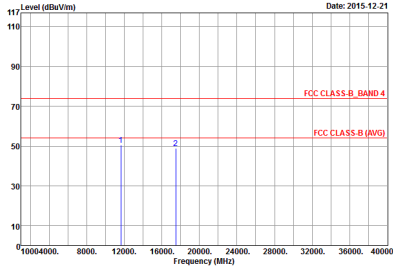
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : Peak</p>	 <p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : Peak</p>



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





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



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.	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : Peak</p>	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : Peak</p>



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



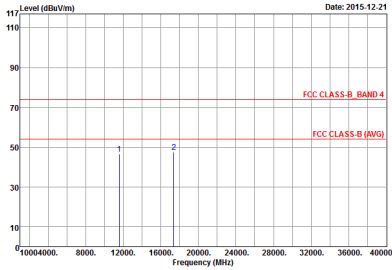
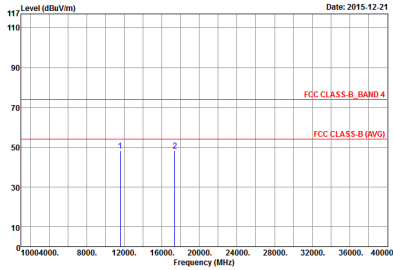
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : Peak</p>	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : Peak</p>



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

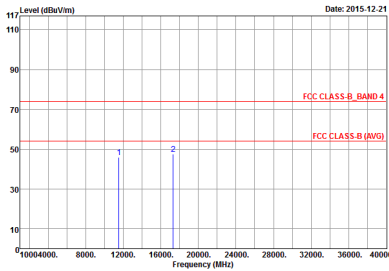
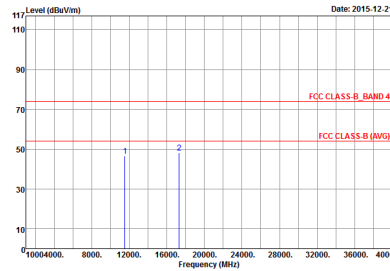
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA HORIZONTAL Detector : Peak</p>	<p>Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ANTENNA VERTICAL Detector : Peak</p>



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

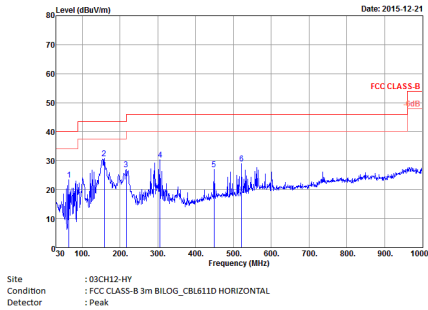
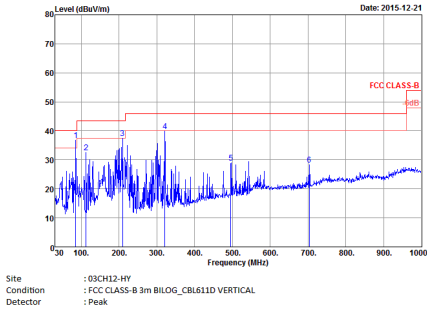


Band 4 5725~5850MHz  
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1	Horizontal	Vertical
Peak Avg.	 <p>Site : 6SCH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA HORIZONTAL Detector : Peak</p>	 <p>Site : 6SCH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_ ANTENNA VERTICAL Detector : Peak</p>



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

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