



Appendix C. Radiated Spurious Emission Plots

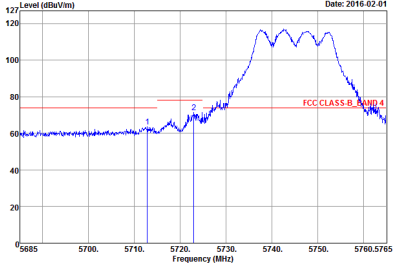
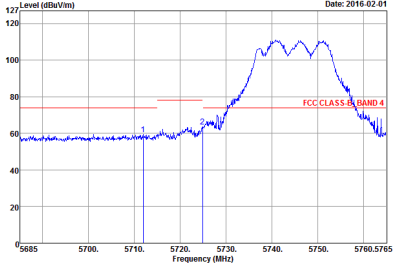
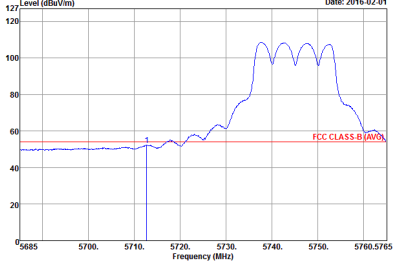
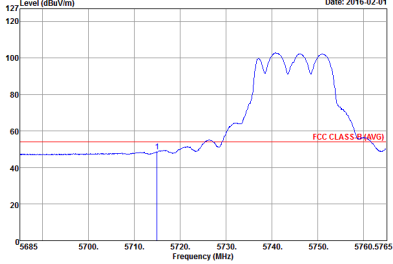
Test Engineer :	J.C. Liang, Ricky Su, and Nick Yu	Temperature :	23~25°C
		Relative Humidity :	55~60%

Note symbol

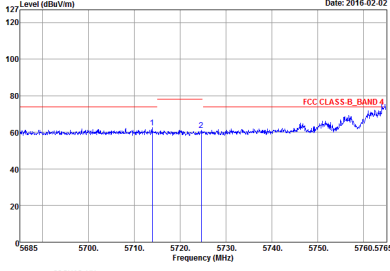
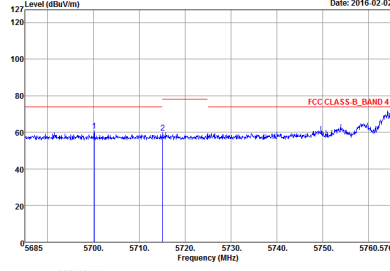
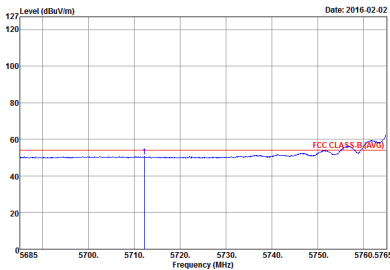
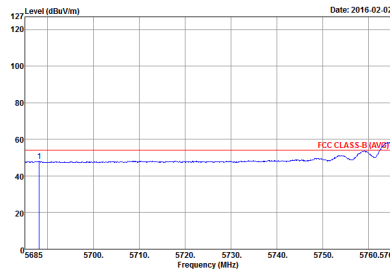
-L	Low channel location
-R	High channel location



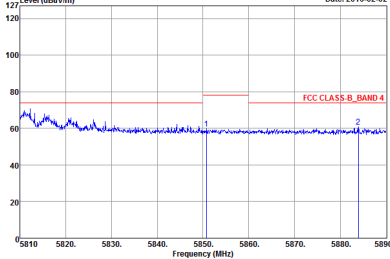
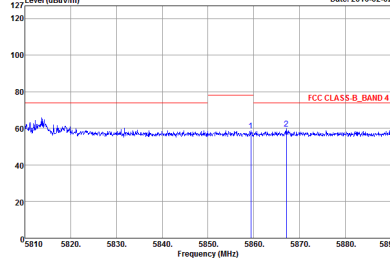
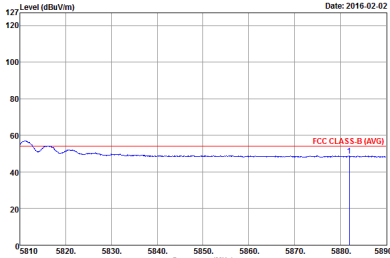
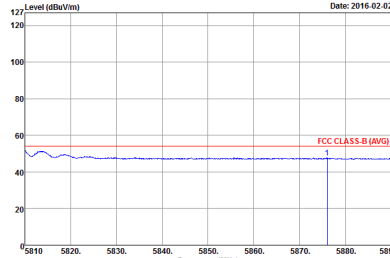
Band 4 - 5725~5850MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 5D2212 Mode : 12	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 5D2212 Mode : 12
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 5D2212 Mode : 12	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 5D2212 Mode : 12

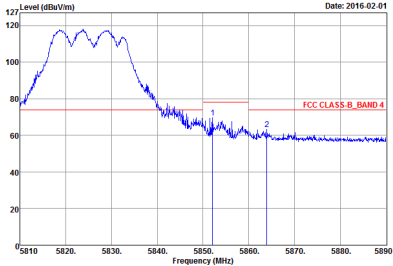
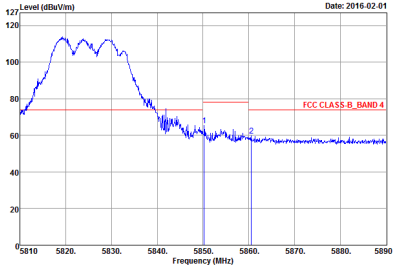
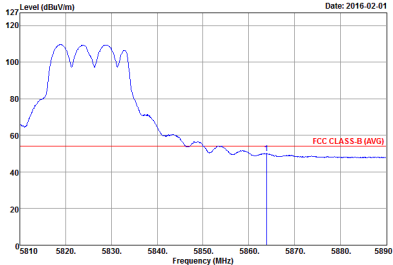
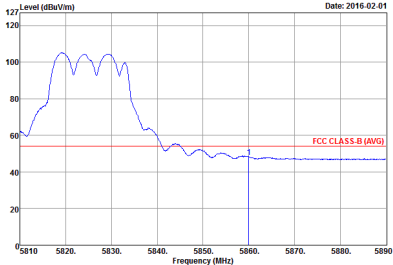


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz - L	
1+2	Horizontal	Vertical
Peak	 Level (dBuV/m) vs Frequency (MHz) plot for Horizontal orientation. The plot shows a blue signal line fluctuating around 60 dBuV/m, with a red horizontal line at approximately 75 dBuV/m labeled 'FCC CLASS B BAND 4'. Two vertical blue lines are marked at 5710 MHz and 5720 MHz. The x-axis ranges from 5685 to 5765 MHz, and the y-axis ranges from 0 to 120 dBuV/m. Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 502212 Mode : 13 Setting : 17.5	 Level (dBuV/m) vs Frequency (MHz) plot for Vertical orientation. The plot shows a blue signal line fluctuating around 60 dBuV/m, with a red horizontal line at approximately 75 dBuV/m labeled 'FCC CLASS B BAND 4'. Two vertical blue lines are marked at 5710 MHz and 5720 MHz. The x-axis ranges from 5685 to 5765 MHz, and the y-axis ranges from 0 to 120 dBuV/m. Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 502212 Mode : 13 Setting : 17.5
Avg.	 Level (dBuV/m) vs Frequency (MHz) plot for Horizontal orientation. The plot shows a blue signal line fluctuating around 50 dBuV/m, with a red horizontal line at approximately 55 dBuV/m labeled 'FCC CLASS B (AVG)'. A single vertical blue line is marked at 5710 MHz. The x-axis ranges from 5685 to 5765 MHz, and the y-axis ranges from 0 to 120 dBuV/m. Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 502212 Mode : 13 Setting : 17.5	 Level (dBuV/m) vs Frequency (MHz) plot for Vertical orientation. The plot shows a blue signal line fluctuating around 50 dBuV/m, with a red horizontal line at approximately 55 dBuV/m labeled 'FCC CLASS B (AVG)'. A single vertical blue line is marked at 5710 MHz. The x-axis ranges from 5685 to 5765 MHz, and the y-axis ranges from 0 to 120 dBuV/m. Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 502212 Mode : 13 Setting : 17.5



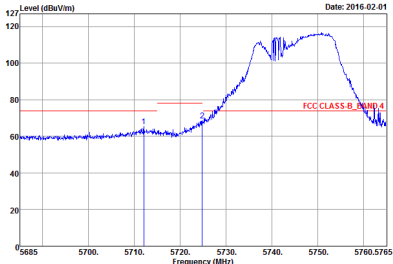
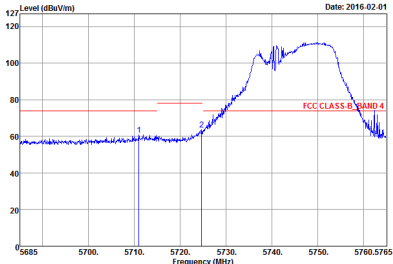
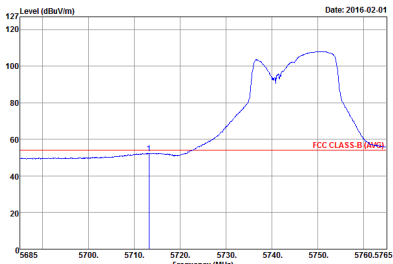
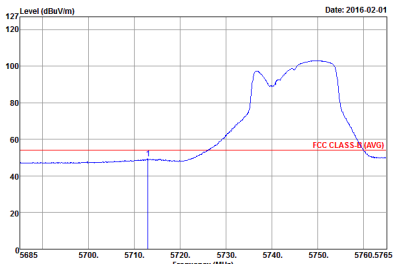
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz - R	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 13 Setting : 17.5	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 13 Setting : 17.5
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 13 Setting : 17.5	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 13 Setting : 17.5



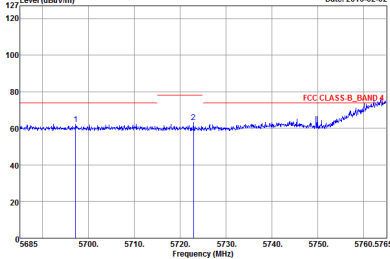
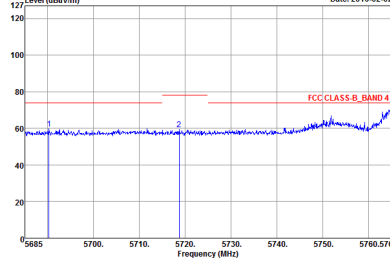
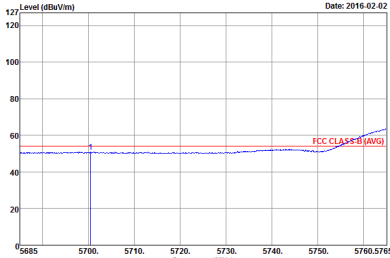
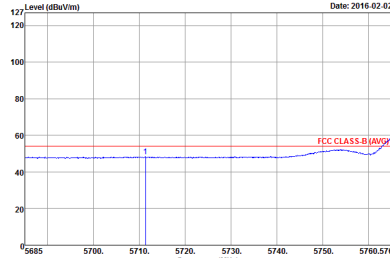
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 14	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 14
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 14	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 14



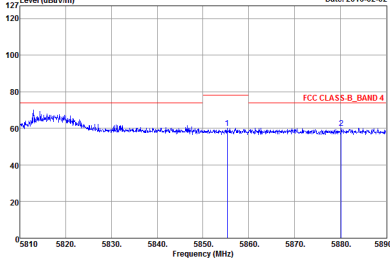
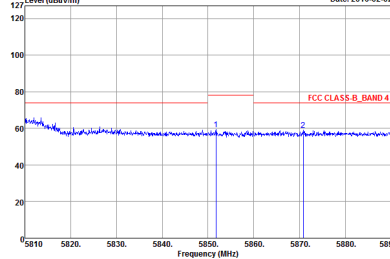
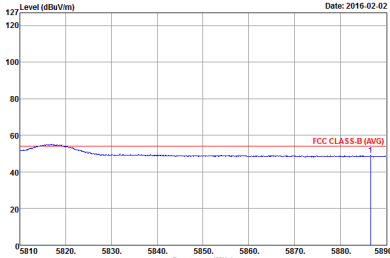
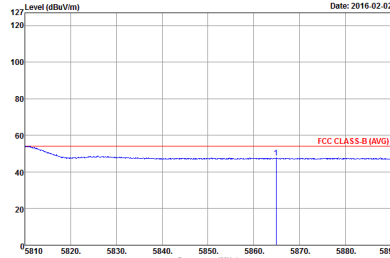
Band 4 5725~5850MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 15	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 502212 Mode : 15
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 15	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 502212 Mode : 15

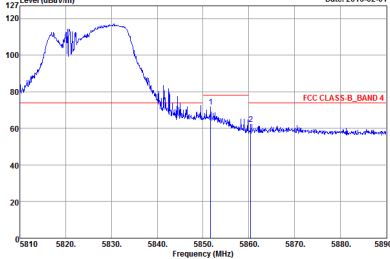
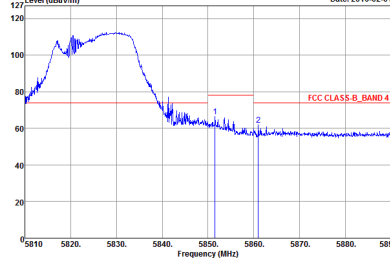
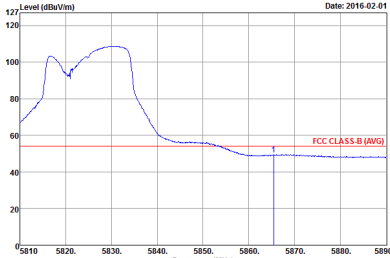
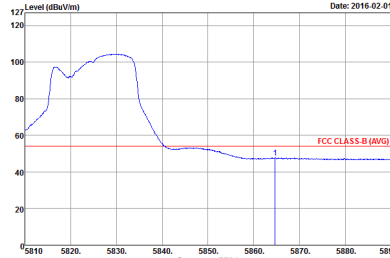


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz - L	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 16 Setting : 18	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 502212 Mode : 16 Setting : 18
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 16 Setting : 18	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 502212 Mode : 16 Setting : 18



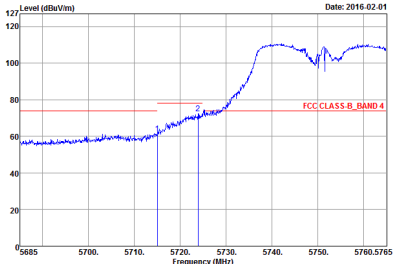
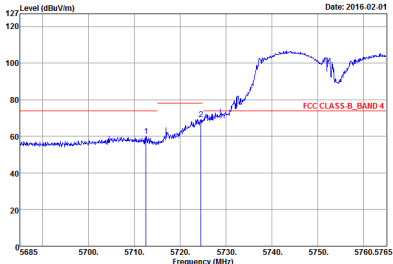
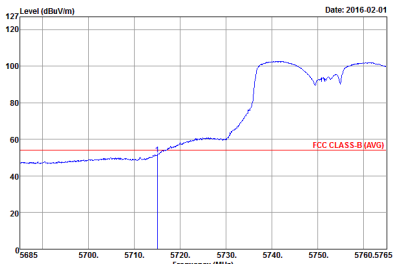
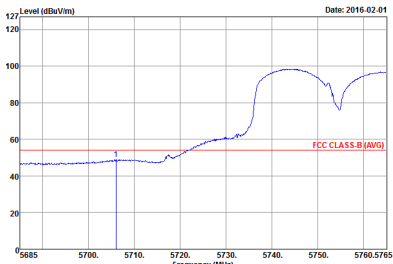
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz - R	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 16 Setting : 18	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 16 Setting : 18
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 16 Setting : 18	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 16 Setting : 18



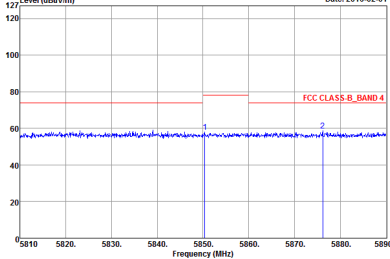
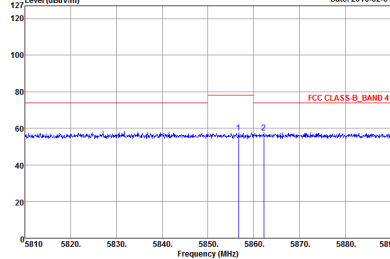
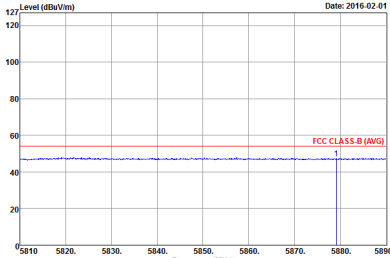
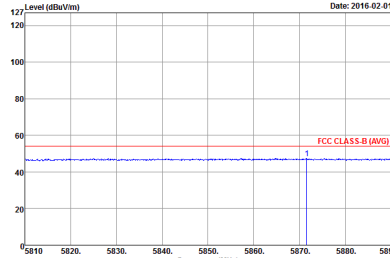
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 17	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 17
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 17	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 17



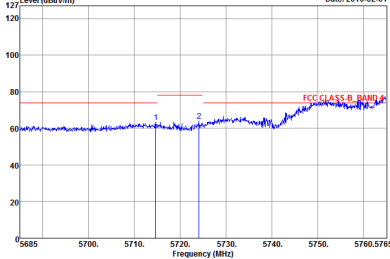
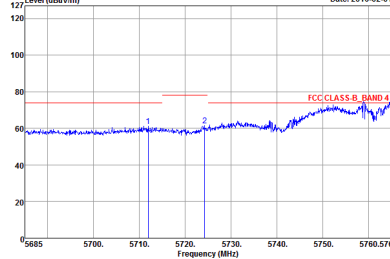
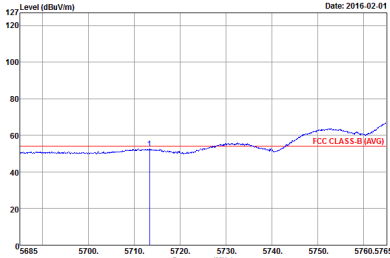
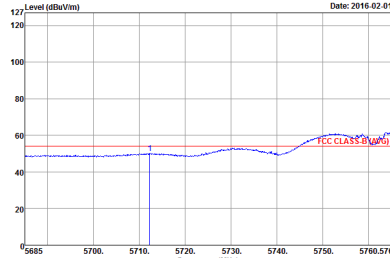
Band 4 5725~5850MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 18	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 502212 Mode : 18
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 18	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 502212 Mode : 18

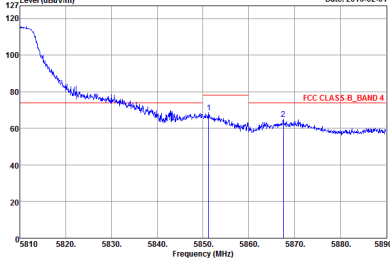
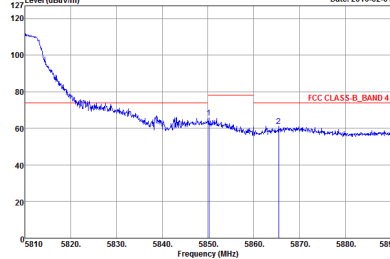
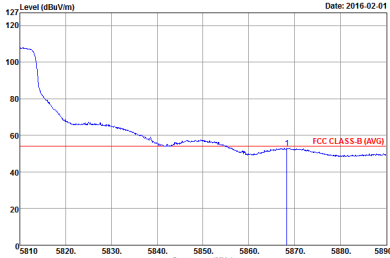
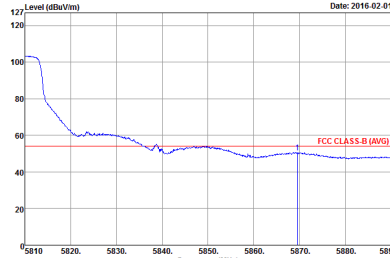


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 18	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 18
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 18	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 18



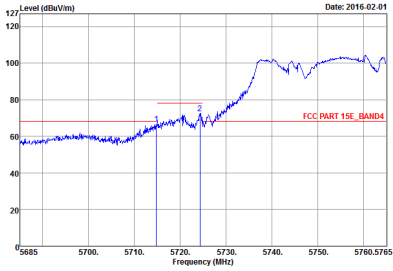
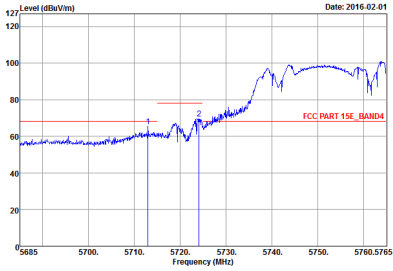
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 19	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 502212 Mode : 19
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 19	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 502212 Mode : 19



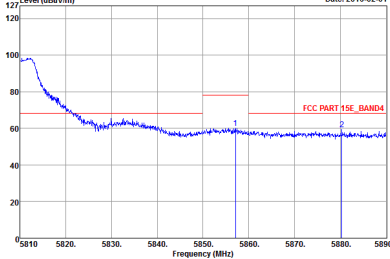
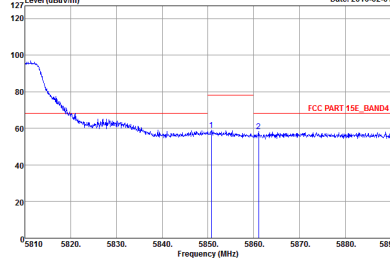
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_5120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 19	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_5120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 19
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_5120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 19	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_5120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 19



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

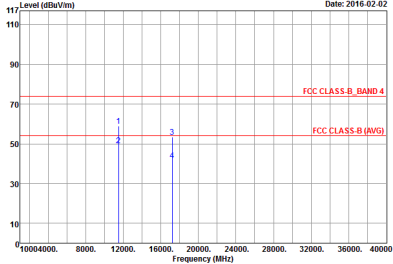
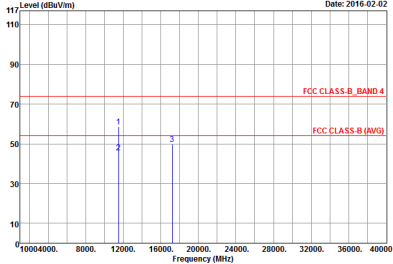
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz - L	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC PART 15E_BAND4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Preject : 502212 Mode : 20 Power : 10	 Site : 03CH12-HY Condition : FCC PART 15E_BAND4 3m HORN_9120D_1328 VERTICAL Detector : Peak Preject : 502212 Mode : 20 Power : 10



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz - R	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC PART 15E_BAND4 3m HORN_5120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 20 Power : 10	 Site : 03CH12-HY Condition : FCC PART 15E_BAND4 3m HORN_5120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 20 Power : 10



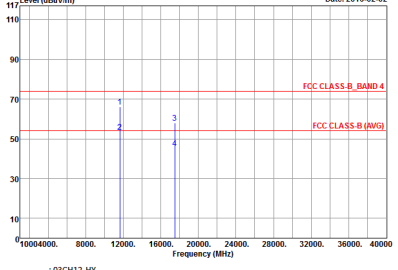
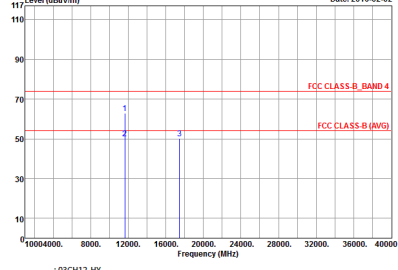
Band 4 - 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 5D2212 Mode : 12	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 5D2212 Mode : 12



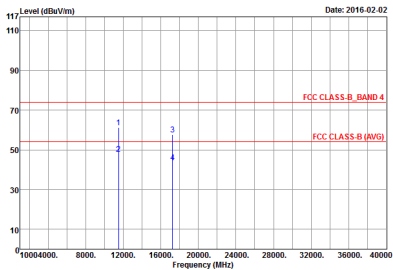
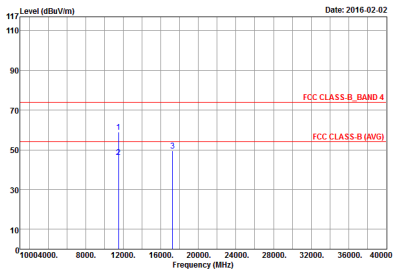
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-02-02 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 13 Setting : 17.5	117 Level (dBuV/m) Date: 2016-02-02 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 502212 Mode : 13 Setting : 17.5



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 5D2212 Mode : 14	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 5D2212 Mode : 14



Band 4 5725~5850MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH149 5745MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 15	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 15



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-02-02 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 16 Setting : 18	117 Level (dBuV/m) Date: 2016-02-02 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 16 Setting : 18



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 5D2212 Mode : 17	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 5D2212 Mode : 17



Band 4 5725~5850MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH151 5755MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-02-02 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 18	Level (dBuV/m) Date: 2016-02-02 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 18



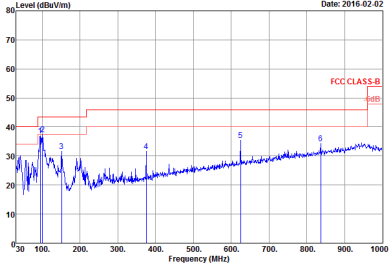
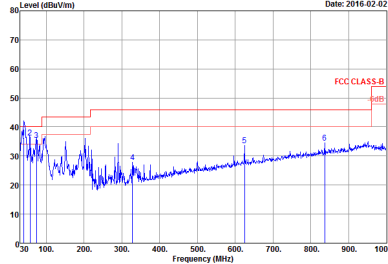
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-02-02 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 19	117 Level (dBuV/m) Date: 2016-02-02 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 502212 Mode : 19



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

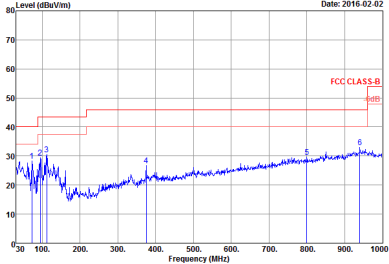
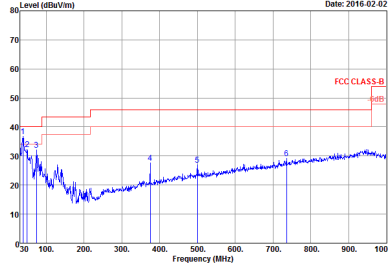
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-02-02 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 502212 Mode : 20	Level (dBuV/m) Date: 2016-02-02 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 502212 Mode : 20

Emission below 1GHz
5GHz WIFI 802.11a Adapter mode (LF)

WIFI	5GHz 5725~5850MHz	
ANT	802.11a LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m BILOG_6111D_37059 HORIZONTAL Detector : Peak Project : 5D2212 Mode : 21	 Site : 03CH12-HY Condition : FCC CLASS-B 3m BILOG_6111D_37059 VERTICAL Detector : Peak Project : 5D2212 Mode : 21



Emission below 1GHz
5GHz WIFI 802.11a POE mode (LF)

WIFI	5GHz 5725~5850MHz	
ANT	802.11a LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m BILOG_6111D_37059 HORIZONTAL Detector : Peak Project : 5D2212 Mode : 22	 Site : 03CH12-HY Condition : FCC CLASS-B 3m BILOG_6111D_37059 VERTICAL Detector : Peak Project : 5D2212 Mode : 22