



Appendix C. Radiated Spurious Emission Plots

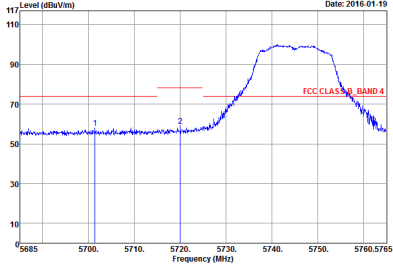
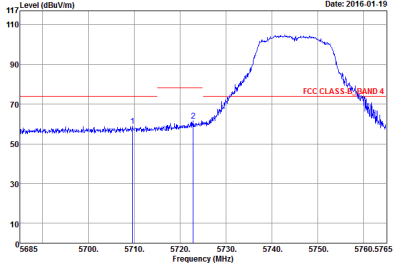
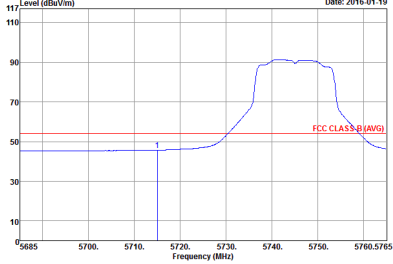
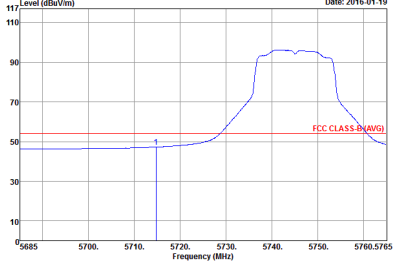
Note symbol

-L	Low channel location
-R	High channel location

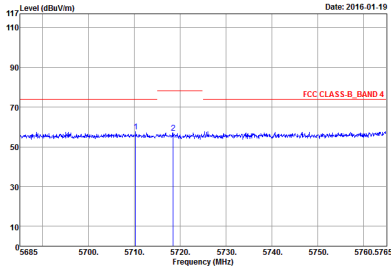
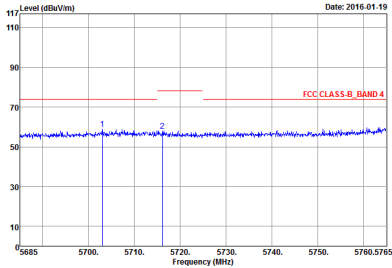
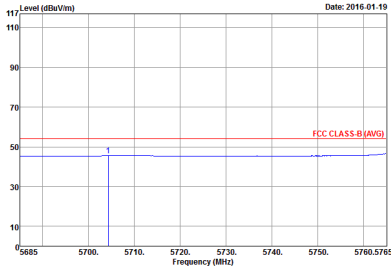
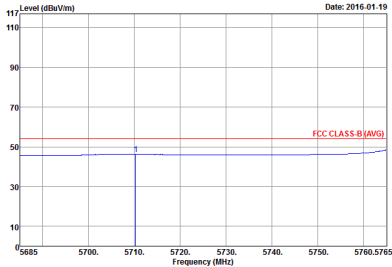


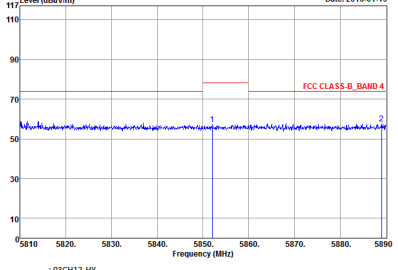
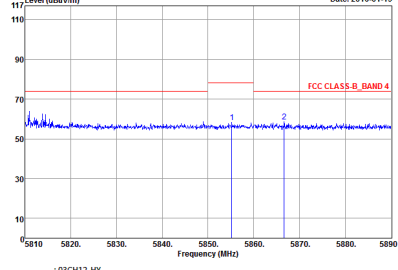
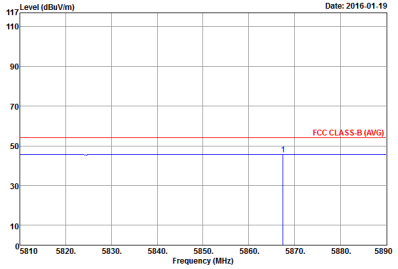
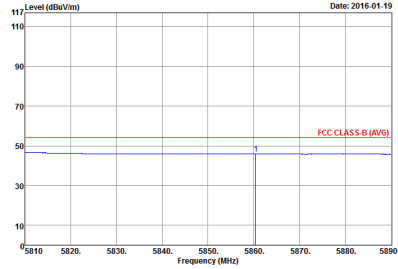
Band 4 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

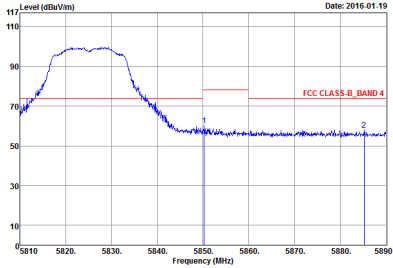
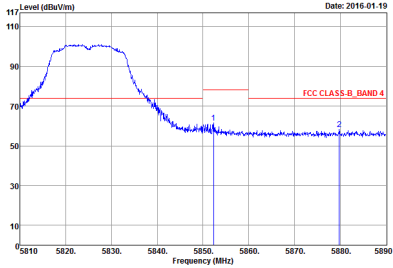
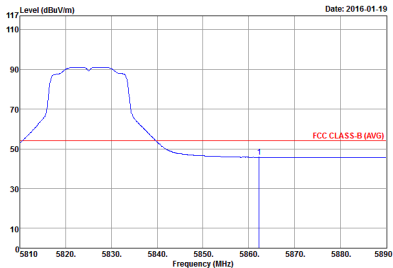
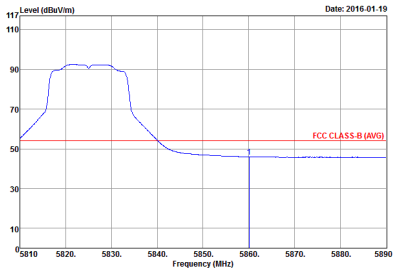
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
1	Horizontal	Vertical
Peak	 Level (dBuV/m) vs Frequency (MHz) for Horizontal Peak. The plot shows a signal rising from 50 dBuV/m at 5700 MHz to a peak of approximately 100 dBuV/m at 5745 MHz, then falling back to 50 dBuV/m by 5765 MHz. A red line indicates the FCC CLASS-B BAND 4 limit at approximately 75 dBuV/m. Two vertical markers labeled 1 and 2 are present at approximately 5705 MHz and 5715 MHz respectively. 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 : SOI1701-03 Mode : 1	 Level (dBuV/m) vs Frequency (MHz) for Vertical Peak. The plot shows a signal rising from 50 dBuV/m at 5700 MHz to a peak of approximately 100 dBuV/m at 5745 MHz, then falling back to 50 dBuV/m by 5765 MHz. A red line indicates the FCC CLASS-B BAND 4 limit at approximately 75 dBuV/m. Two vertical markers labeled 1 and 2 are present at approximately 5705 MHz and 5715 MHz respectively. 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 : SOI1701-03 Mode : 1
Avg.	 Level (dBuV/m) vs Frequency (MHz) for Horizontal Average. The plot shows a smoothed signal rising from 50 dBuV/m at 5700 MHz to a peak of approximately 90 dBuV/m at 5745 MHz, then falling back to 50 dBuV/m by 5765 MHz. A red line indicates the FCC CLASS-B (AVG) limit at approximately 55 dBuV/m. Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : SOI1701-03 Mode : 1	 Level (dBuV/m) vs Frequency (MHz) for Vertical Average. The plot shows a smoothed signal rising from 50 dBuV/m at 5700 MHz to a peak of approximately 90 dBuV/m at 5745 MHz, then falling back to 50 dBuV/m by 5765 MHz. A red line indicates the FCC CLASS-B (AVG) limit at approximately 55 dBuV/m. Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : SOI1701-03 Mode : 1



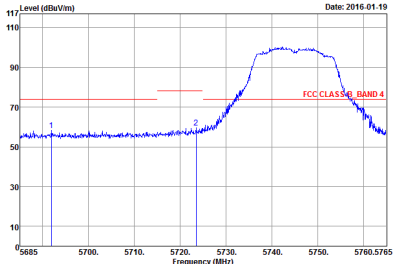
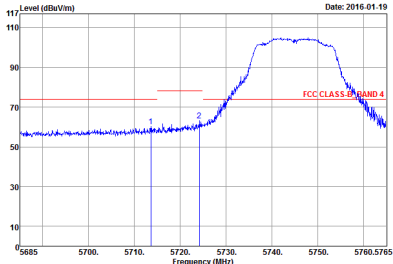
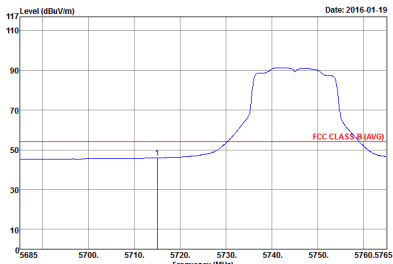
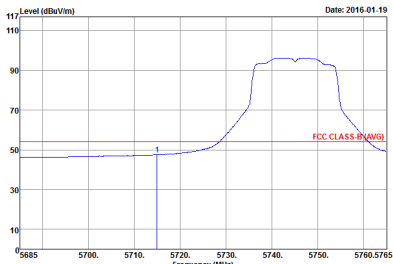
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz - L	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : SO1701-03 Mode : 2	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : SO1701-03 Mode : 2
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : SO1701-03 Mode : 2	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : SO1701-03 Mode : 2

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz - R	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 2	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 2
	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 2	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 2

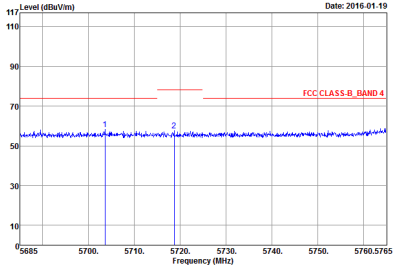
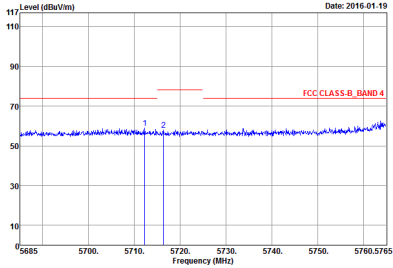
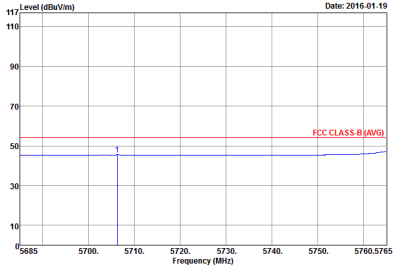
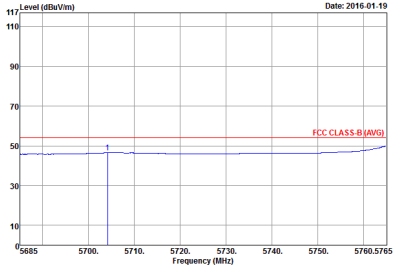


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ANT	802.11a CH165 5825MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 3	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 3
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 3	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 3

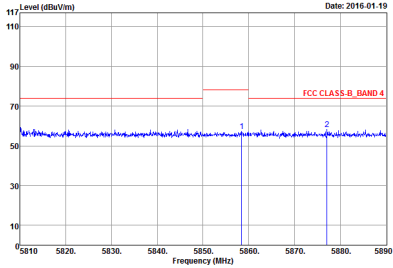
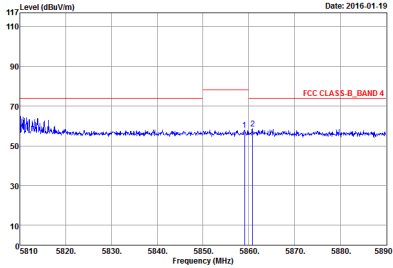
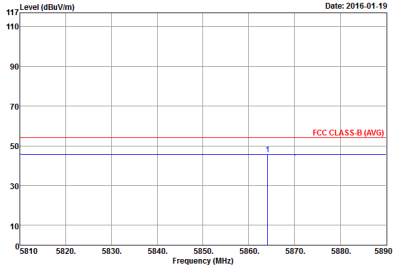
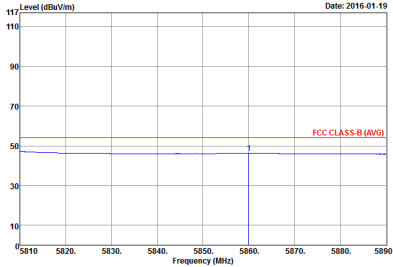
**Band 4 5725~5850MHz****WIFI 802.11n HT20 (Band Edge @ 3m)**

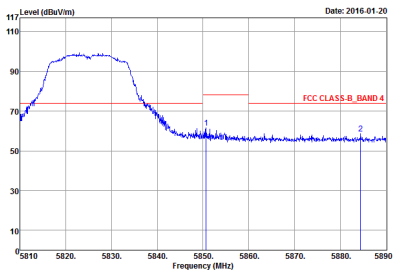
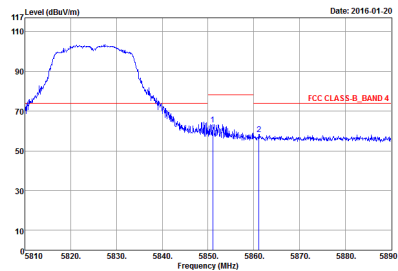
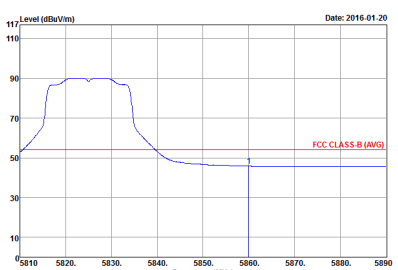
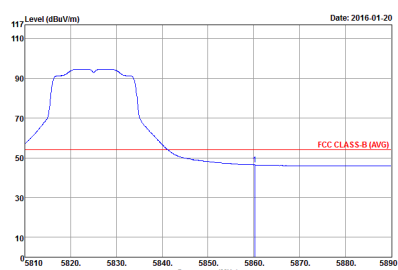
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 4	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 4
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 4	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 4



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz - L	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : S	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : S
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : S	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : S

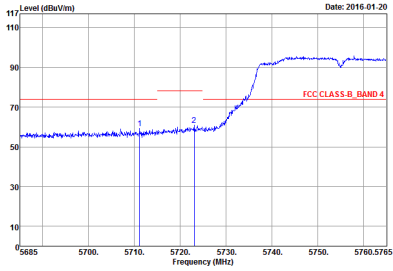
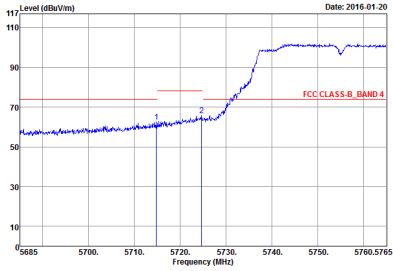
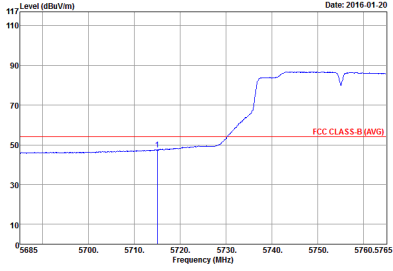
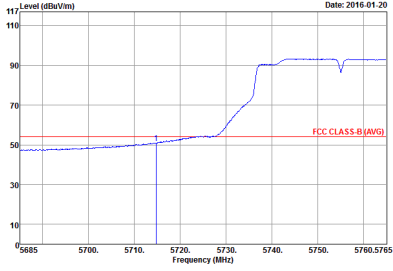


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz - R	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : S	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : S
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : S	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : S

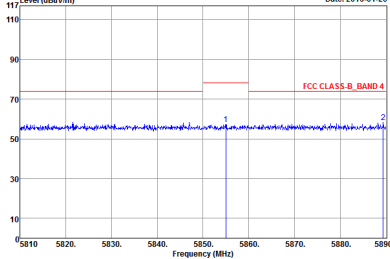
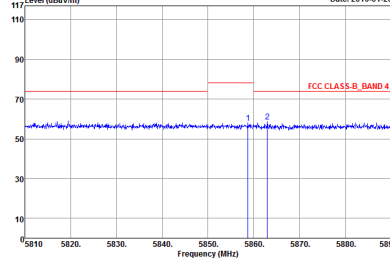
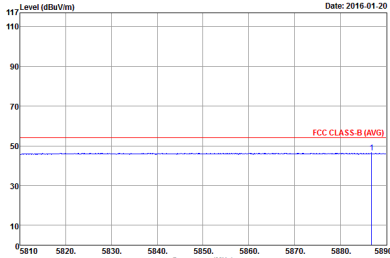
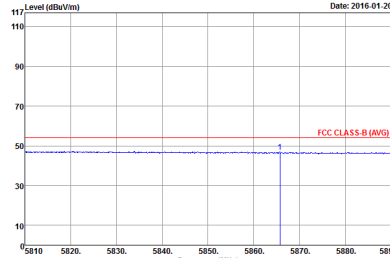
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 6	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 6
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 6	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 6



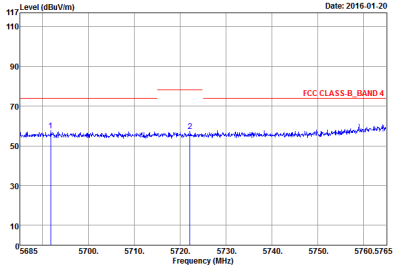
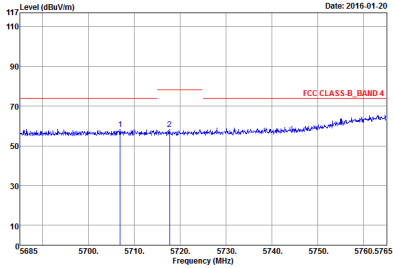
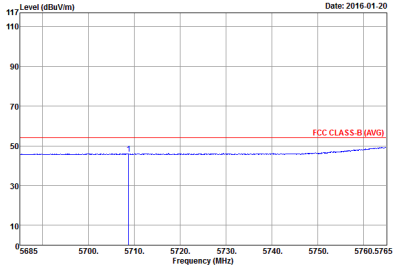
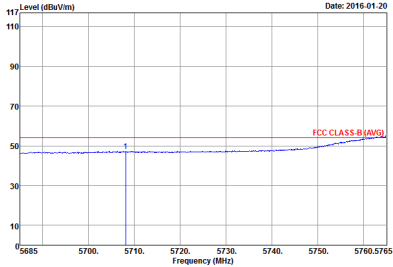
Band 4 5725~5850MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

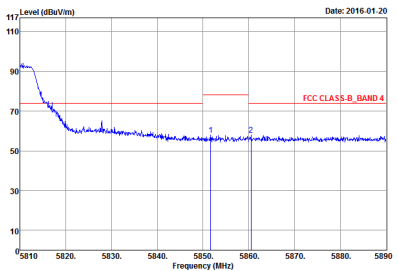
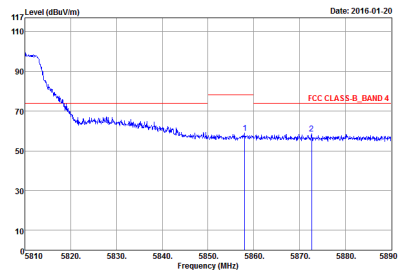
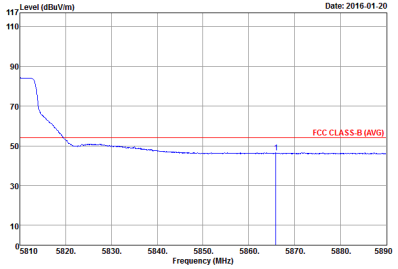
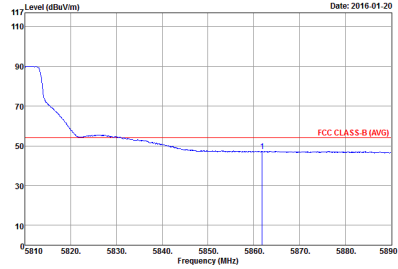
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ANT	802.11n HT40 CH151 5755MHz - L	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 7	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 7
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 7	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 7



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz - R	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 7	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 7
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 7	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 7



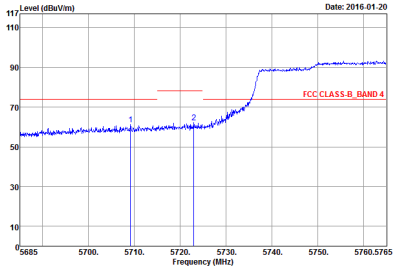
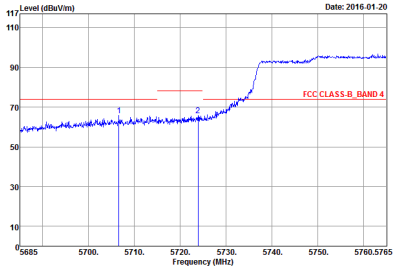
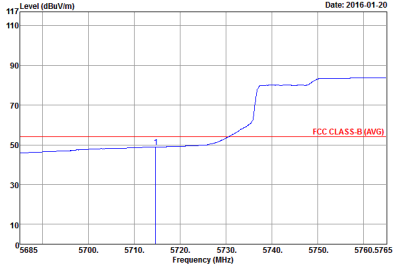
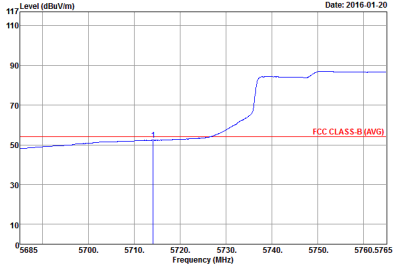
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz - L	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 8	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 8
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 8	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 8

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz - R	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 8	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 8
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 8	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 8

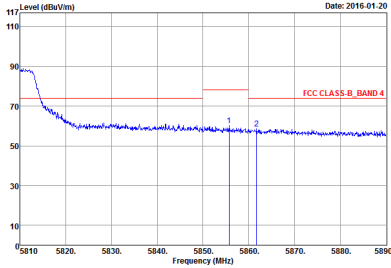
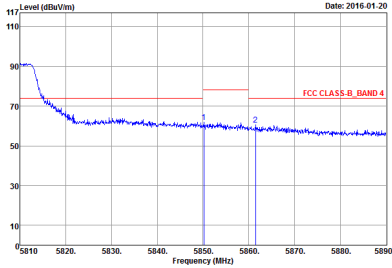
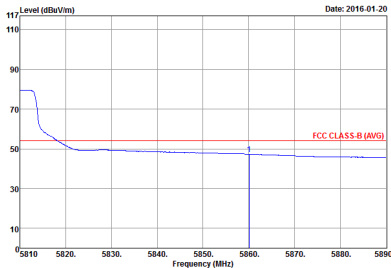
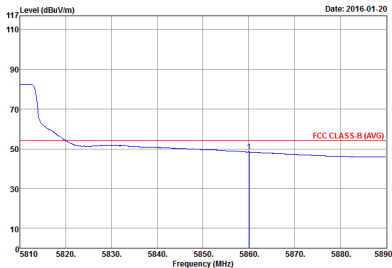


Band 4 5725~5850MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz - L	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 9	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 9
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 9	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 9

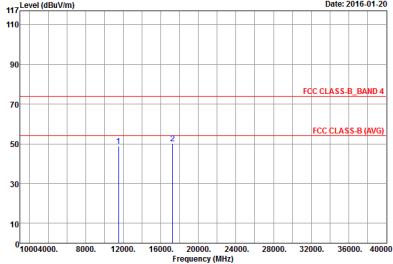
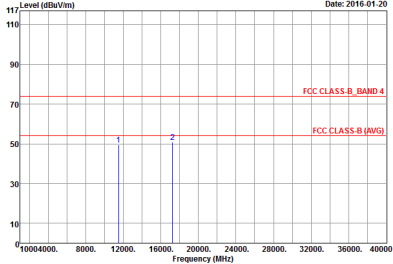


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz - R	
1	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 9	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 9
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 9	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 9



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_9120D_1328 HORIZONTAL Detector : Peak Project : S01701-03 Mode : 1	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : S01701-03 Mode : 1



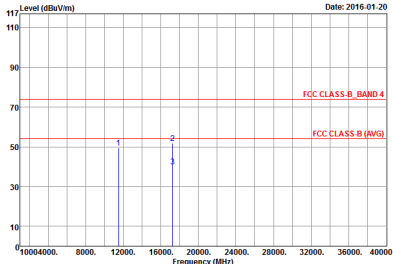
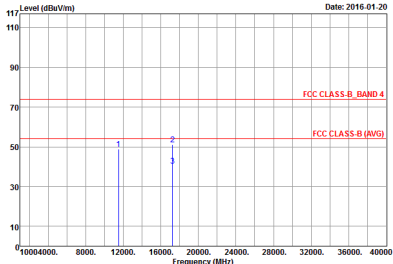
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
1	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-20 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 2	117 Level (dBuV/m) Date: 2016-01-20 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 2



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-20 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 3	117 Level (dBuV/m) Date: 2016-01-20 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 3



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_9120D_1328 HORIZONTAL Detector : Peak Project : 5O1701-03 Mode : 4	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 5O1701-03 Mode : 4



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-20 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : S	117 Level (dBuV/m) Date: 2016-01-20 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : S



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-20 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : S01701-03 Mode : 6	117 Level (dBuV/m) Date: 2016-01-20 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : S01701-03 Mode : 6



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.	Level (dBuV/m) Date: 2016-01-21 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 5O1701-03 Mode : 7	Level (dBuV/m) Date: 2016-01-21 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 5O1701-03 Mode : 7



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-21 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : S01701-03 Mode : 8	117 Level (dBuV/m) Date: 2016-01-21 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : S01701-03 Mode : 8



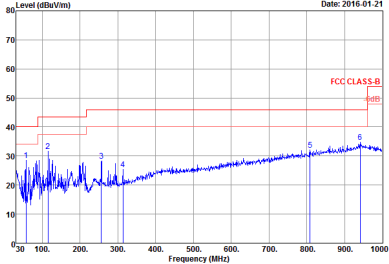
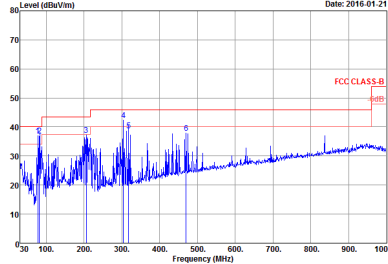
Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-01-21 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 501701-03 Mode : 9	Level (dBuV/m) Date: 2016-01-21 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 501701-03 Mode : 9



Emission below 1GHz

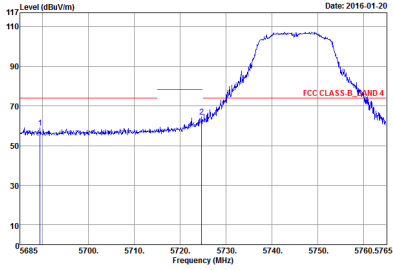
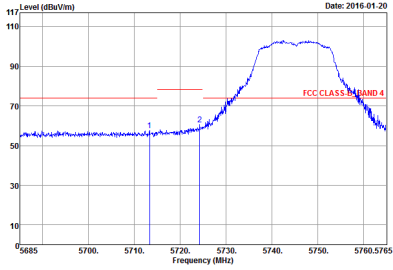
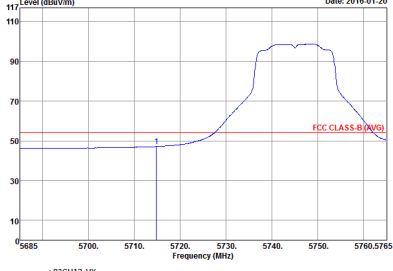
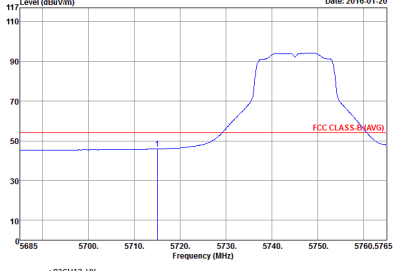
5GHz WIFI 802.11ac VHT80 (LF)

WIFI	5GHz 5725~5850MHz	
ANT	802.11ac VHT80 LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m BILOG_6111D_37059 HORIZONTAL Detector : Peak Project : 501701-03 Mode : 10	 Site : 03CH12-HY Condition : FCC CLASS-B 3m BILOG_6111D_37059 VERTICAL Detector : Peak Project : 501701-03 Mode : 10

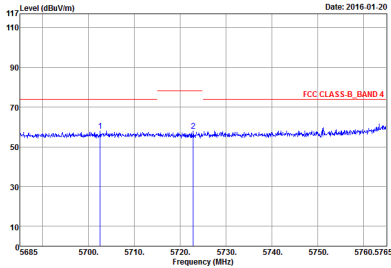
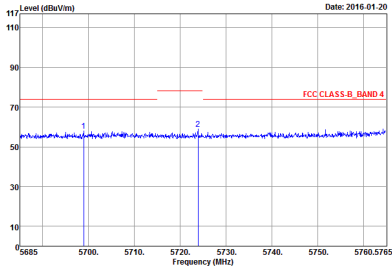
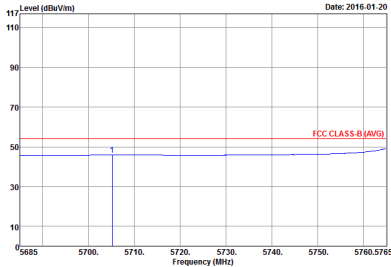
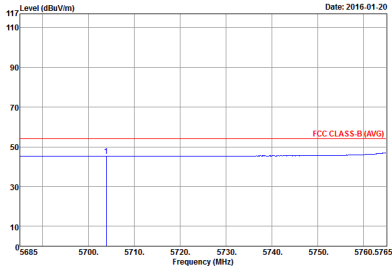


Band 4 - 5725~5850MHz

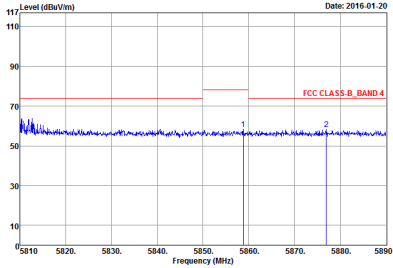
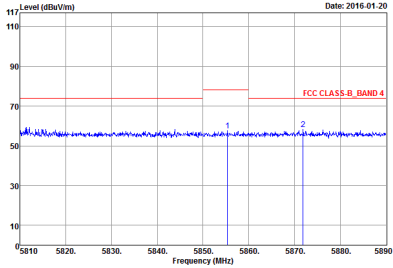
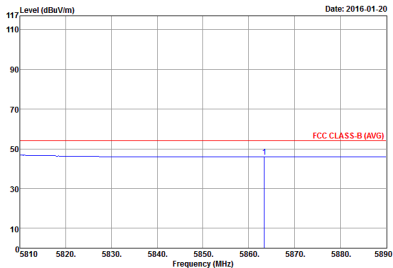
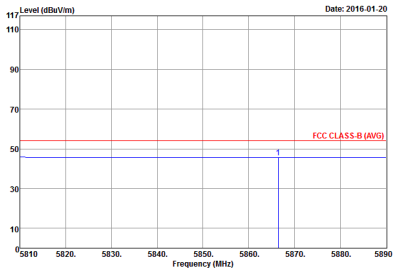
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
2	Horizontal	Vertical
Peak	 Level (dBuV/m) vs Frequency (MHz) for Horizontal Peak. The plot shows a signal peak around 5745 MHz. A red line indicates the FCC CLASS-B BAND 4 limit. The date is 2016-01-20. Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : SOI1701-03 Mode : 10	 Level (dBuV/m) vs Frequency (MHz) for Vertical Peak. The plot shows a signal peak around 5745 MHz. A red line indicates the FCC CLASS-B BAND 4 limit. The date is 2016-01-20. Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : SOI1701-03 Mode : 10
Avg.	 Level (dBuV/m) vs Frequency (MHz) for Horizontal Average. The plot shows the average signal level around 5745 MHz. A red line indicates the FCC CLASS-B (AVG) limit. The date is 2016-01-20. Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : SOI1701-03 Mode : 10	 Level (dBuV/m) vs Frequency (MHz) for Vertical Average. The plot shows the average signal level around 5745 MHz. A red line indicates the FCC CLASS-B (AVG) limit. The date is 2016-01-20. Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : SOI1701-03 Mode : 10

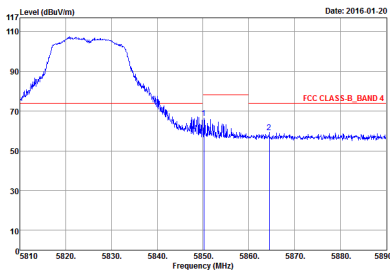
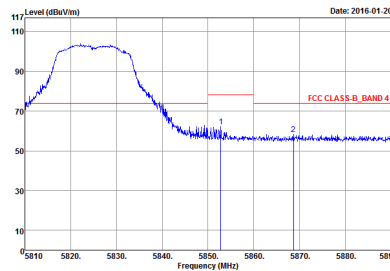
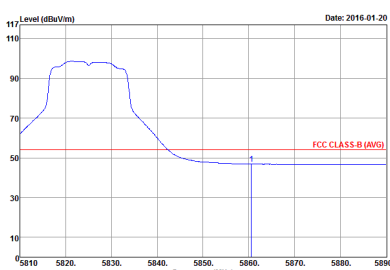
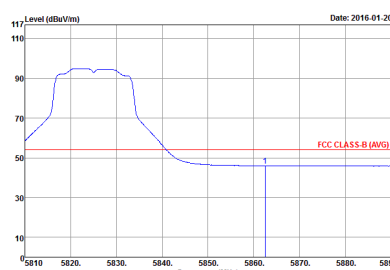


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz - L	
2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : SOI701-03 Mode : 11	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : SOI701-03 Mode : 11
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : SOI701-03 Mode : 11	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : SOI701-03 Mode : 11



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz - R	
2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 11	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 11
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 11	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 11



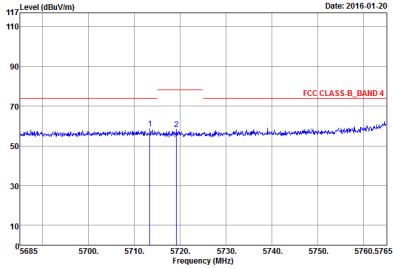
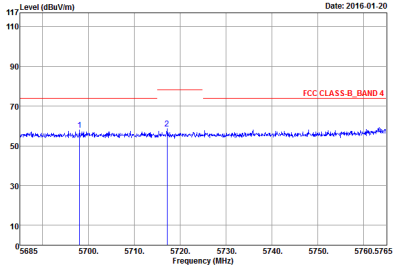
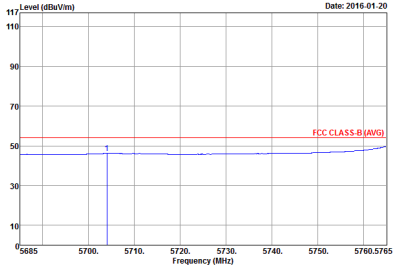
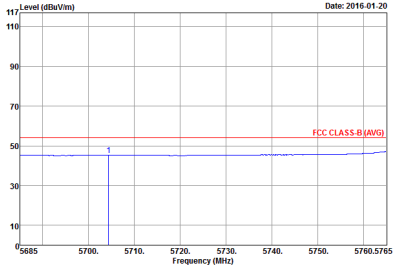
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 12	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 12
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 12	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 12



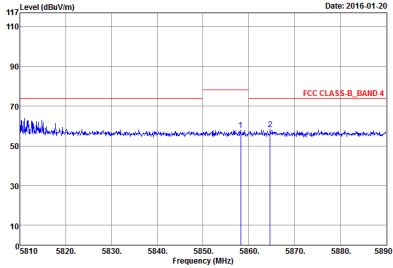
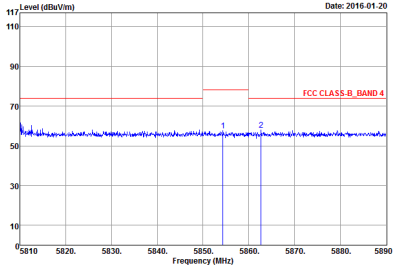
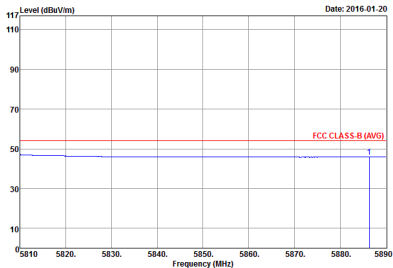
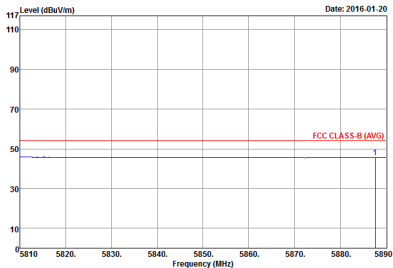
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
2	Horizontal	Vertical
Peak	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal orientation. The plot shows a peak at approximately 5745 MHz. A red line indicates the FCC CLASS-B BAND 4 limit. The date is 2016-01-20. Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 501701-03 Mode : 13	Level (dBuV/m) vs Frequency (MHz) plot for Vertical orientation. The plot shows a peak at approximately 5745 MHz. A red line indicates the FCC CLASS-B BAND 4 limit. The date is 2016-01-20. Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 501701-03 Mode : 13
Avg.	Level (dBuV/m) vs Frequency (MHz) plot for Horizontal orientation. The plot shows the average level across the frequency range. A red line indicates the FCC CLASS-B (AVG) limit. The date is 2016-01-20. Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 501701-03 Mode : 13	Level (dBuV/m) vs Frequency (MHz) plot for Vertical orientation. The plot shows the average level across the frequency range. A red line indicates the FCC CLASS-B (AVG) limit. The date is 2016-01-20. Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 501701-03 Mode : 13

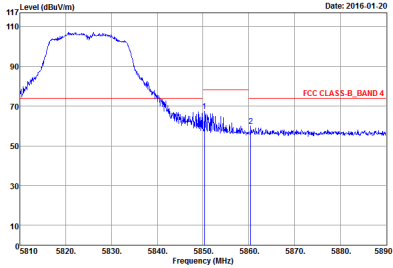
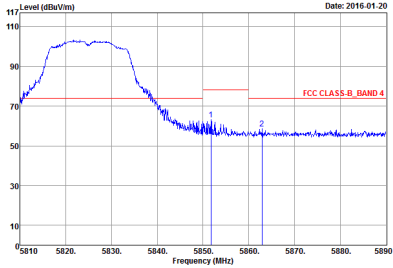
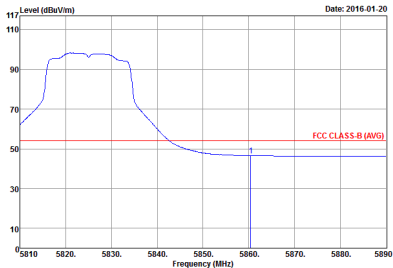
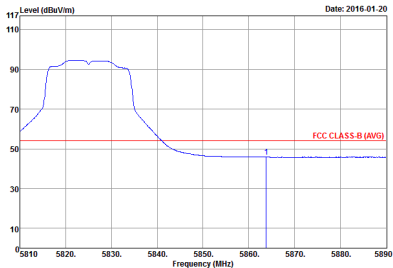


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz - L	
2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 14	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 14
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 14	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 14



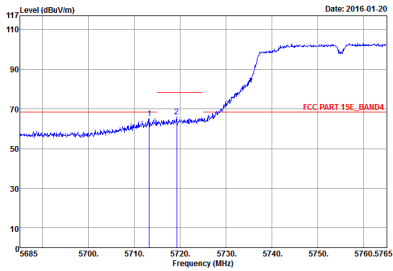
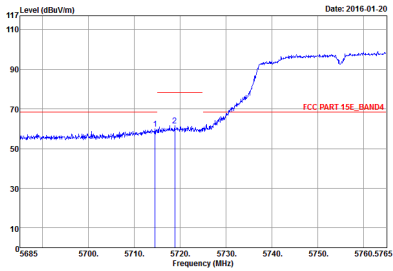
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz - R	
2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 14	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 14
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 14	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 14



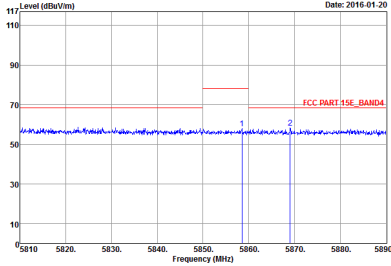
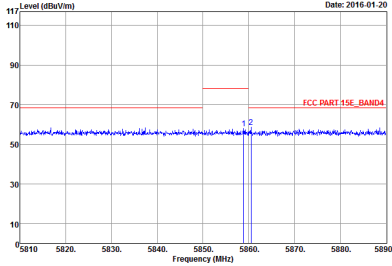
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 15	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 15
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 15	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 15



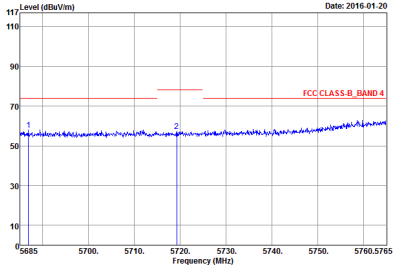
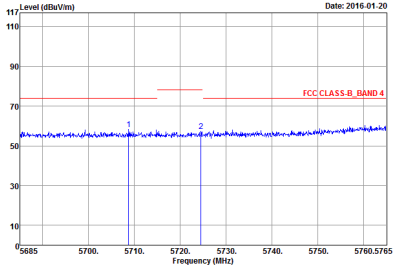
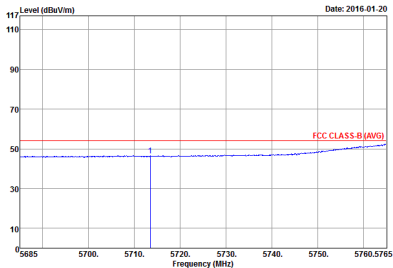
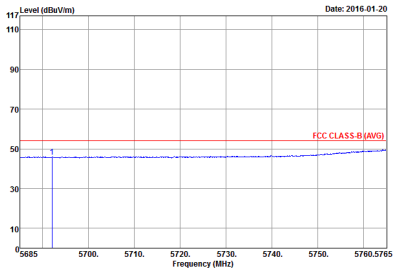
Band 4 5725~5850MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz - L	
2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC PART 15E_BAND4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 501701-03 Mode : 16	 Site : 03CH12-HY Condition : FCC PART 15E_BAND4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 501701-03 Mode : 16
Avg.		

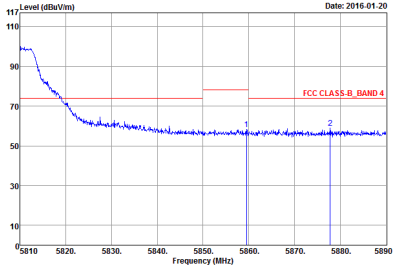
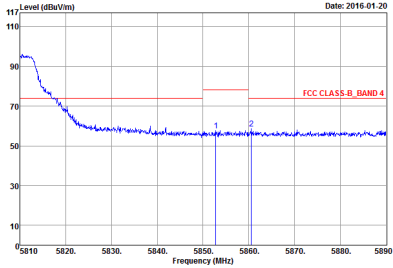
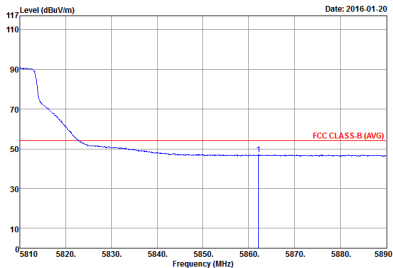
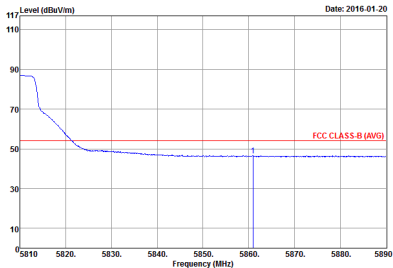


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz - R	
2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC PART 15E_BAND4 3m HORN_5120D_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 16	 Site : 03CH12-HY Condition : FCC PART 15E_BAND4 3m HORN_5120D_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 16
Avg.		



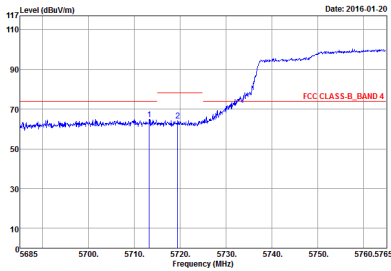
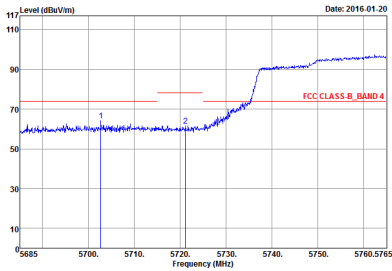
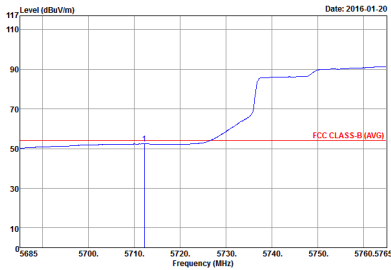
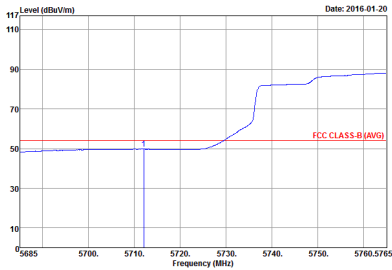
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz - L	
2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_51200_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 17	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_51200_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 17
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_51200_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 17	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_51200_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 17



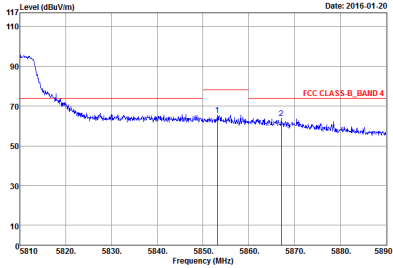
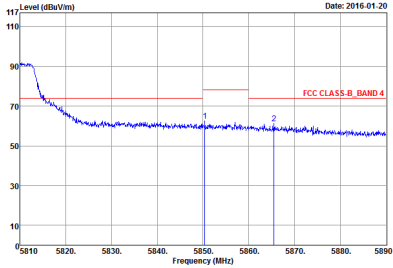
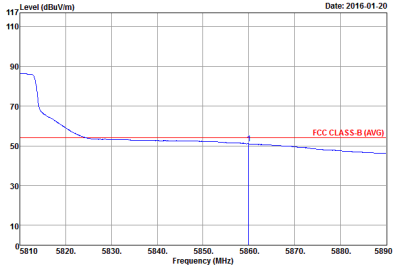
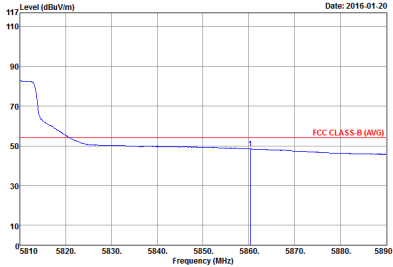
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz - R	
2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 17	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 17
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 17	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 17



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	
2	Horizontal	Vertical
Peak	The plot shows the peak level in dBuV/m versus frequency in MHz for the horizontal polarization. The y-axis ranges from 10 to 117 dBuV/m, and the x-axis ranges from 5685 to 5765 MHz. A red line indicates the FCC CLASS-B_BAND 4 limit. The measured signal is below the limit until approximately 5730 MHz, where it rises sharply to about 95 dBuV/m. Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 501701-03 18	The plot shows the peak level in dBuV/m versus frequency in MHz for the vertical polarization. The y-axis ranges from 10 to 117 dBuV/m, and the x-axis ranges from 5685 to 5765 MHz. A red line indicates the FCC CLASS-B_BAND 4 limit. The measured signal is below the limit until approximately 5730 MHz, where it rises sharply to about 95 dBuV/m. Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 501701-03 18
Avg.	The plot shows the average level in dBuV/m versus frequency in MHz for the horizontal polarization. The y-axis ranges from 10 to 117 dBuV/m, and the x-axis ranges from 5685 to 5765 MHz. A red line indicates the FCC CLASS-B (AVG) limit. The measured signal is below the limit until approximately 5730 MHz, where it rises sharply to about 95 dBuV/m. Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 501701-03 18	The plot shows the average level in dBuV/m versus frequency in MHz for the vertical polarization. The y-axis ranges from 10 to 117 dBuV/m, and the x-axis ranges from 5685 to 5765 MHz. A red line indicates the FCC CLASS-B (AVG) limit. The measured signal is below the limit until approximately 5730 MHz, where it rises sharply to about 95 dBuV/m. Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 501701-03 18



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz - R	
2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 18	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 18
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 18	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 18

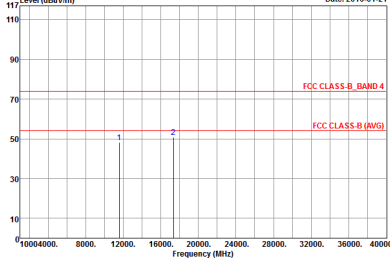
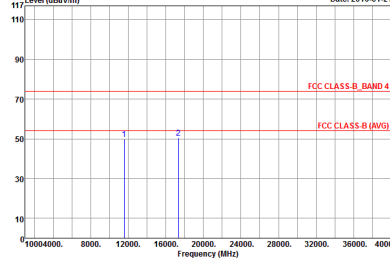


Band 4 - 5725~5850MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
2	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-21 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 501701-03 Mode : 10	117 Level (dBuV/m) Date: 2016-01-21 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 501701-03 Mode : 10



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
2	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-21  Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 11	117 Level (dBuV/m) Date: 2016-01-21  Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 11



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
2	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-21 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : S01701-03 Mode : 12	117 Level (dBuV/m) Date: 2016-01-21 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : S01701-03 Mode : 12



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

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
2	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : S01701-03 Mode : 13	Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : S01701-03 Mode : 13



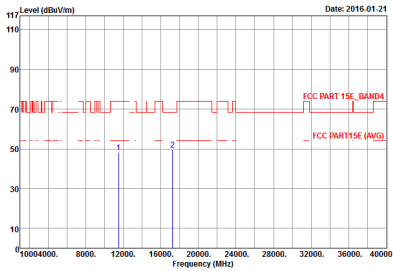
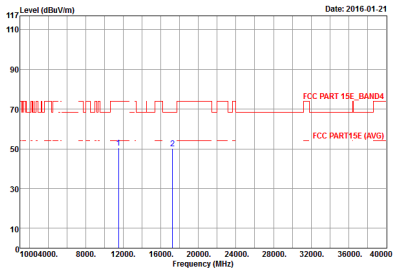
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
2	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-21 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 14	117 Level (dBuV/m) Date: 2016-01-21 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 14



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
2	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-21 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 15	117 Level (dBuV/m) Date: 2016-01-21 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 15



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

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : FCC PART 15E_BAND4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : S01701-03 Mode : 16	 Site : 03CH12-HY Condition : FCC PART 15E_BAND4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : S01701-03 Mode : 16



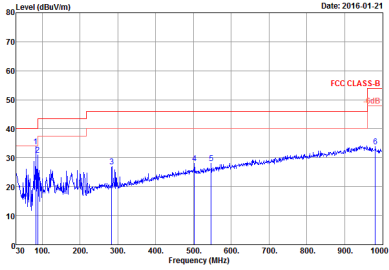
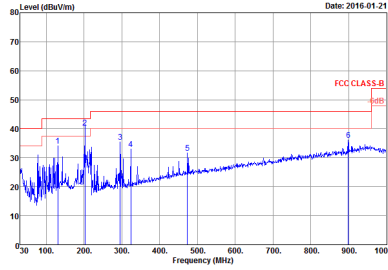
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
2	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-21 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : S01701-03 Mode : 17	117 Level (dBuV/m) Date: 2016-01-21 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : S01701-03 Mode : 17



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

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-01-21 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : S01701-03 Mode : 18	Level (dBuV/m) Date: 2016-01-21 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : S01701-03 Mode : 18

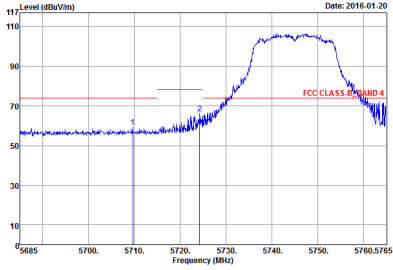
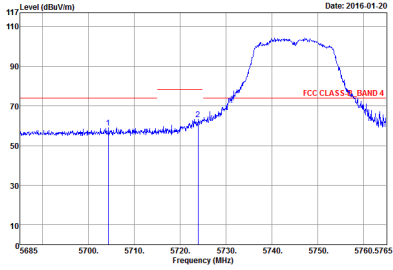
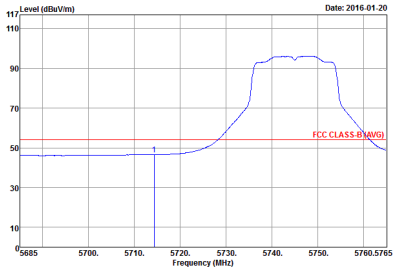
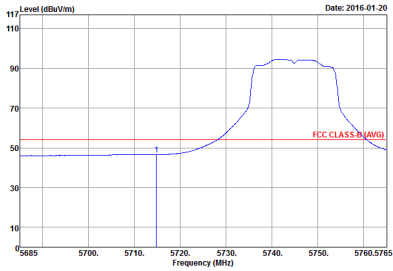
Emission below 1GHz
5GHz WIFI 802.11ac VHT80 (LF)

WIFI	5GHz 5725~5850MHz	
ANT	802.11ac VHT80 LF	
2	Horizontal	Vertical
QP / Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m BILOG_6111D_37059 HORIZONTAL Detector : Peak Project : 501701-03 Mode : 19	 Site : 03CH12-HY Condition : FCC CLASS-B 3m BILOG_6111D_37059 VERTICAL Detector : Peak Project : 501701-03 Mode : 19

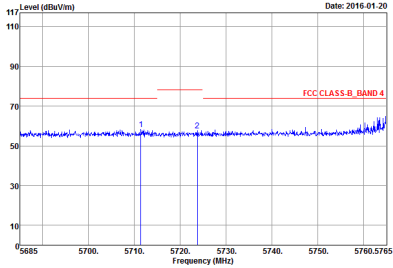
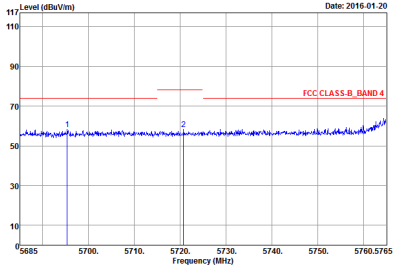
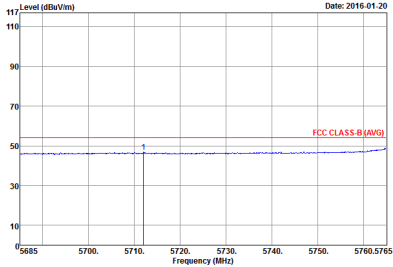
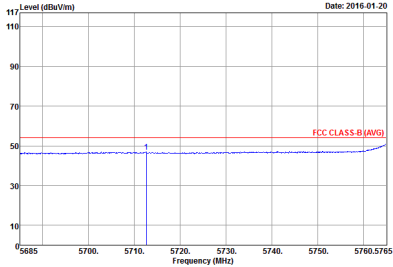


Band 4 - 5725~5850MHz

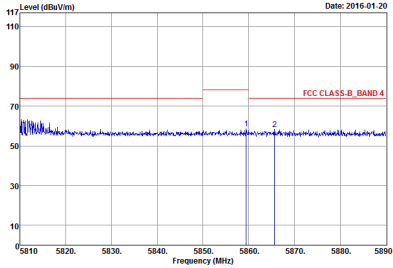
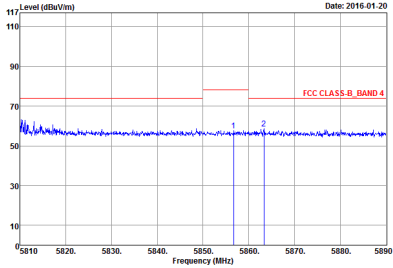
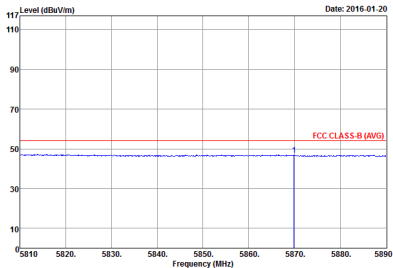
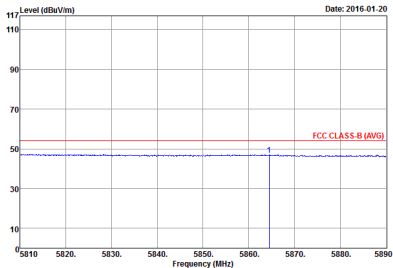
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SOI1701-03 Mode : 19	 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SOI1701-03 Mode : 19
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SOI1701-03 Mode : 19	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SOI1701-03 Mode : 19

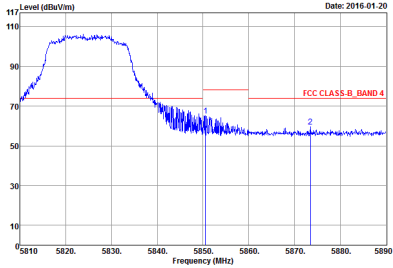
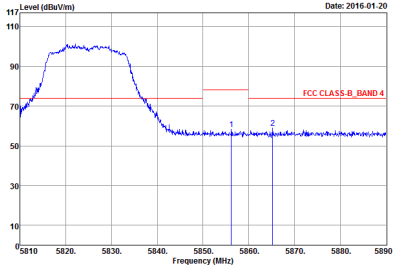
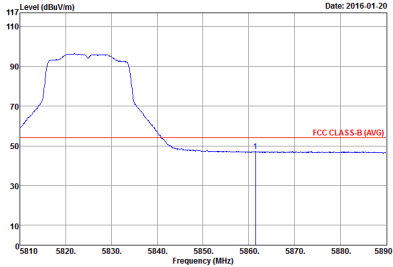
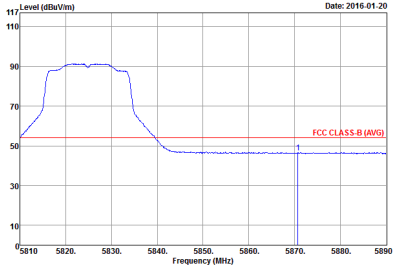


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz - L	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 20	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 20
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 20	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 20



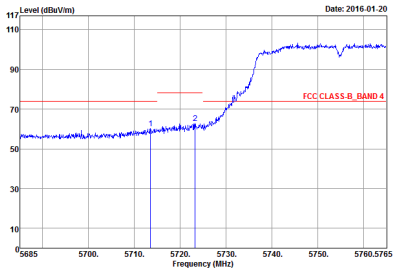
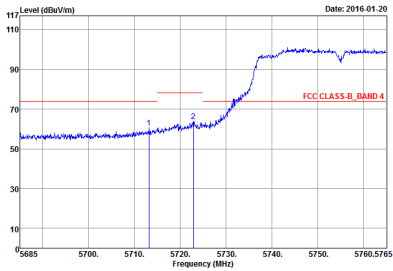
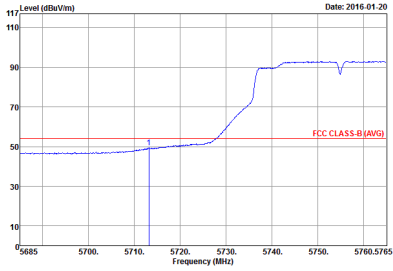
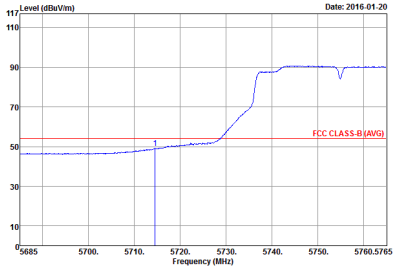
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz - R	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 20	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 20
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 20	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 20



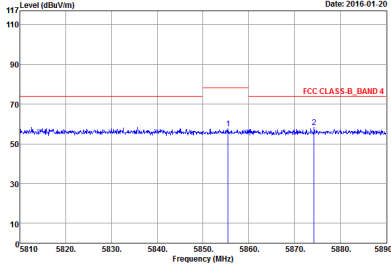
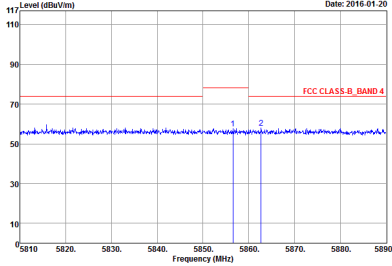
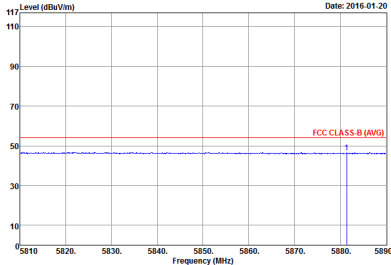
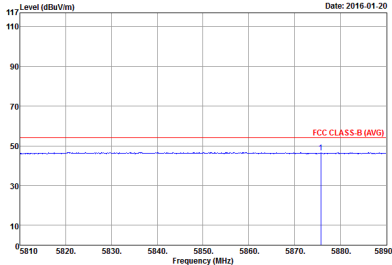
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 21	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 21
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 21	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 21



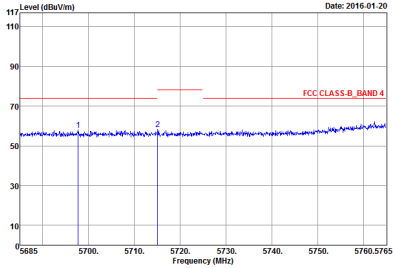
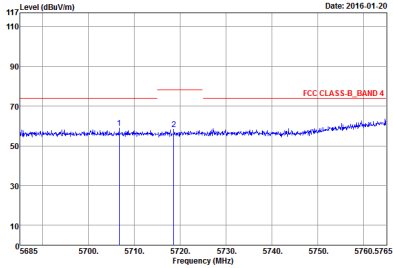
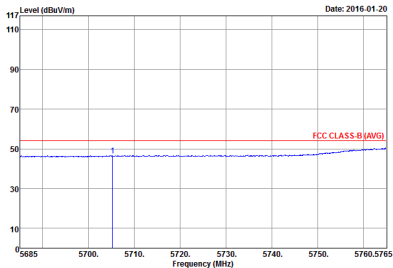
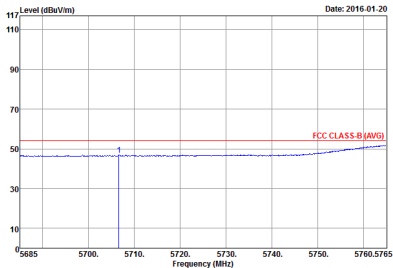
Band 4 5725~5850MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz - L	
1+2	Horizontal	Vertical
Peak	The plot shows the peak level in dBuV/m versus frequency in MHz for the horizontal polarization. The y-axis ranges from 10 to 117 dBuV/m, and the x-axis ranges from 5685 to 5765 MHz. A red line indicates the FCC CLASS-B_BAND 4 limit. The signal level is below the limit until approximately 5725 MHz, where it rises sharply to about 100 dBuV/m by 5740 MHz and remains relatively flat thereafter. Two vertical blue lines are marked at approximately 5715 MHz and 5725 MHz. Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : : 501701-03 : 22	The plot shows the peak level in dBuV/m versus frequency in MHz for the vertical polarization. The y-axis ranges from 10 to 117 dBuV/m, and the x-axis ranges from 5685 to 5765 MHz. A red line indicates the FCC CLASS-B_BAND 4 limit. The signal level is below the limit until approximately 5725 MHz, where it rises sharply to about 100 dBuV/m by 5740 MHz and remains relatively flat thereafter. Two vertical blue lines are marked at approximately 5715 MHz and 5725 MHz. Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : : 501701-03 : 22
Avg.	The plot shows the average level in dBuV/m versus frequency in MHz for the horizontal polarization. The y-axis ranges from 10 to 117 dBuV/m, and the x-axis ranges from 5685 to 5765 MHz. A red line indicates the FCC CLASS-B(AVG) limit. The signal level is below the limit until approximately 5725 MHz, where it rises sharply to about 90 dBuV/m by 5740 MHz and remains relatively flat thereafter. A single vertical blue line is marked at approximately 5715 MHz. Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : : 501701-03 : 22	The plot shows the average level in dBuV/m versus frequency in MHz for the vertical polarization. The y-axis ranges from 10 to 117 dBuV/m, and the x-axis ranges from 5685 to 5765 MHz. A red line indicates the FCC CLASS-B(AVG) limit. The signal level is below the limit until approximately 5725 MHz, where it rises sharply to about 90 dBuV/m by 5740 MHz and remains relatively flat thereafter. A single vertical blue line is marked at approximately 5715 MHz. Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : : 501701-03 : 22

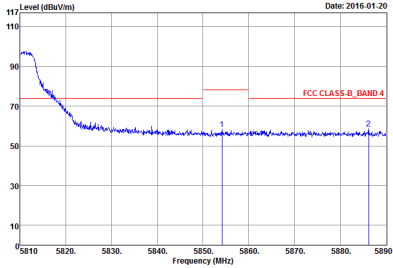
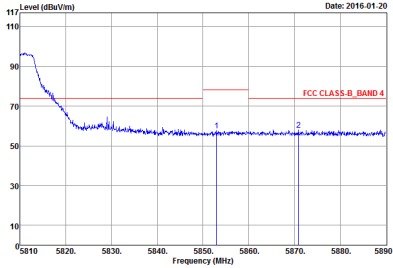
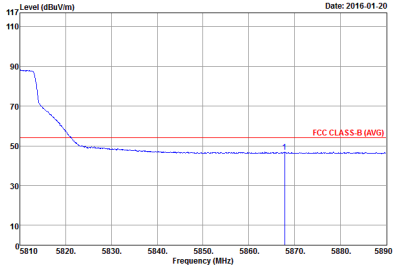
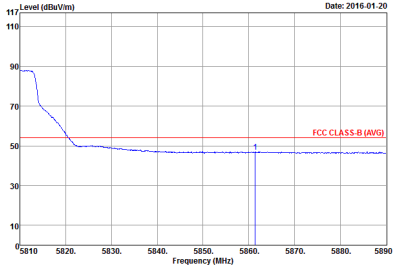


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz - R	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 22	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 22
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 22	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 22



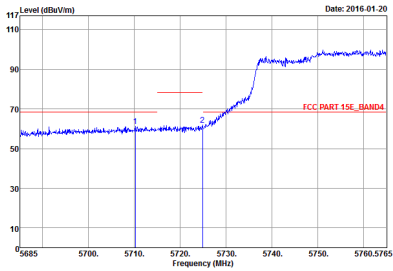
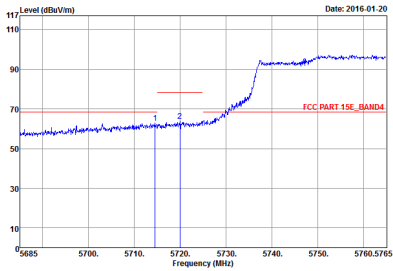
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz - L	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 23	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 23
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 23	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 23



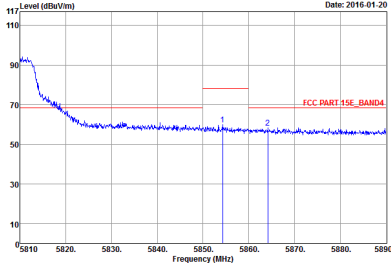
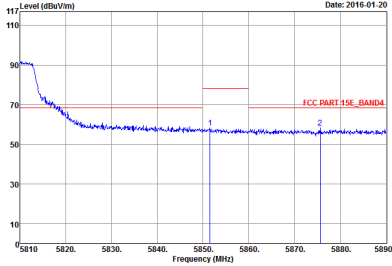
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz - R	
1+2	Horizontal	Vertical
Peak	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 23	 Site : 03CH12-HY Condition : FCC CLASS-B, BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 23
Avg.	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SOI701-03 Mode : 23	 Site : 03CH12-HY Condition : FCC CLASS-B (AVG) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI701-03 Mode : 23



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 Project : SOI1701-03 Mode : 24	 Site : 03CH12-HY Condition : FCC PART 15E_BAND4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SOI1701-03 Mode : 24
Avg.		



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 : 501701-03 Mode : 24	 Site : 03CH12-HY Condition : FCC PART 15E_BAND4 3m HORN_5120D_1328 VERTICAL Detector : Peak Project : 501701-03 Mode : 24
Avg.		



Band 4 - 5725~5850MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1+2	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-21 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 19	117 Level (dBuV/m) Date: 2016-01-21 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 19



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-21 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : 20	117 Level (dBuV/m) Date: 2016-01-21 Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : 20



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-21 117 90 70 50 30 10 0 10004000 8000 12000 16000 20000 24000 28000 32000 36000 40000 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : Z1	117 Level (dBuV/m) Date: 2016-01-21 117 90 70 50 30 10 0 10004000 8000 12000 16000 20000 24000 28000 32000 36000 40000 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : Z1



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

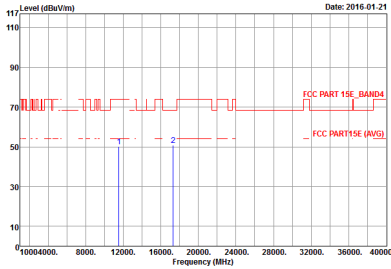
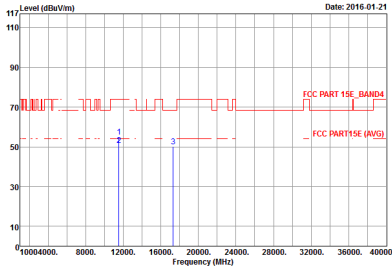
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2016-01-21 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : S01701-03 Mode : 22	Level (dBuV/m) Date: 2016-01-21 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : S01701-03 Mode : 22



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak Avg.	117 Level (dBuV/m) Date: 2016-01-21 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : SO1701-03 Mode : Z3	117 Level (dBuV/m) Date: 2016-01-21 Frequency (MHz) Site : 03CH12-HY Condition : FCC CLASS-B_BAND 4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : SO1701-03 Mode : Z3



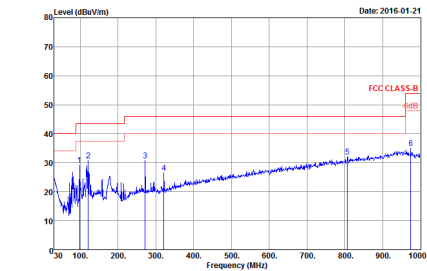
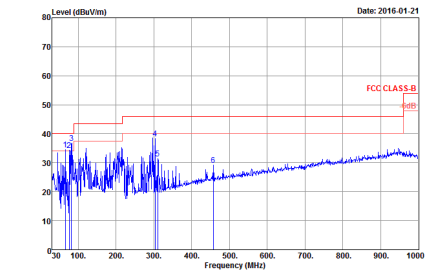
Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : FCC PART 15E_BAND4 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : S01701-03 Mode : 24	 Site : 03CH12-HY Condition : FCC PART 15E_BAND4 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : S01701-03 Mode : 24



Emission below 1GHz

5GHz WIFI 802.11n HT40 (LF)

WIFI	5GHz 5725~5850MHz	
ANT	802.11n HT40 LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH12-HY Condition : FCC CLASS-B 3m BILOG_6111D_37059 HORIZONTAL Detector : Peak Project : 501701-03 Mode : 25	 Site : 03CH12-HY Condition : FCC CLASS-B 3m BILOG_6111D_37059 VERTICAL Detector : Peak Project : 501701-03 Mode : 25