



Appendix C. Radiated Spurious Emission Plots

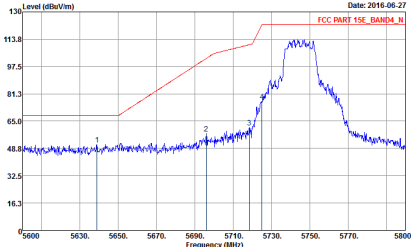
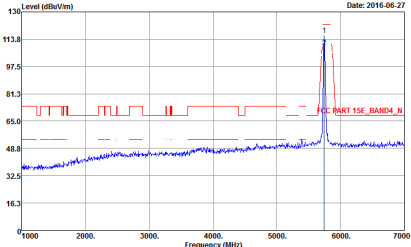
Test Engineer :	Jesse Wang, Derreck Chen, and James Chiu	Temperature :	21~24°C
		Relative Humidity :	50~54%

Band 4 - 5725~5850MHz

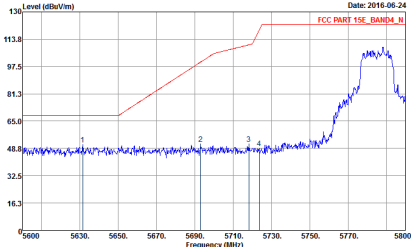
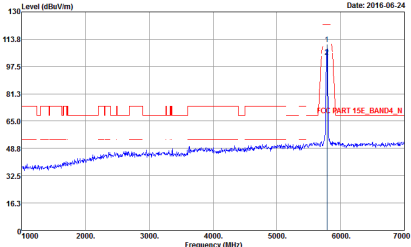
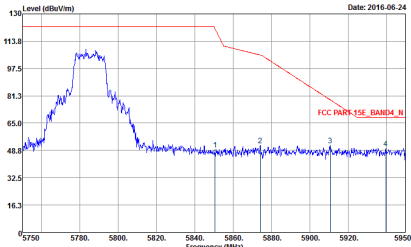
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
1+2	Horizontal	Fundamental
Peak	Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 661812 Mode : 29 Power Setting : 20	Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 661812 Mode : 29 Power Setting : 20

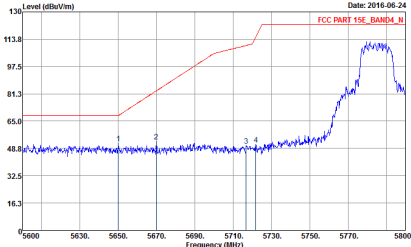
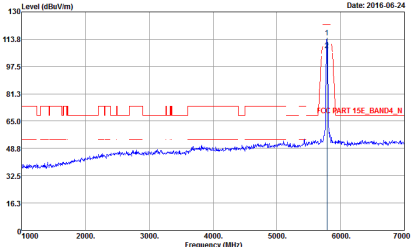
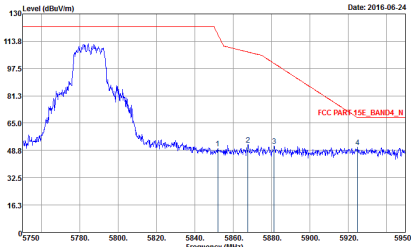


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH149 5745MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH0741Y Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 29	 Site : 03CH0741Y Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 29



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 661812 Mode : 30	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 661812 Mode : 30
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 661812 Mode : 30	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH157 5785MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 661812 Mode : 30	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 661812 Mode : 30
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : Peak Project : 661812 Mode : 30	Left blank



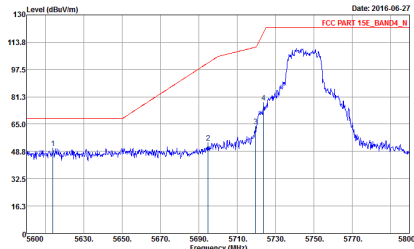
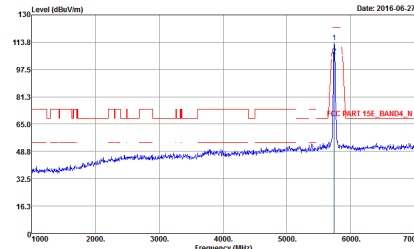
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
1+2	Horizontal	Fundamental
Peak	Site : 03CH074HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 20	Site : 03CH074HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 20



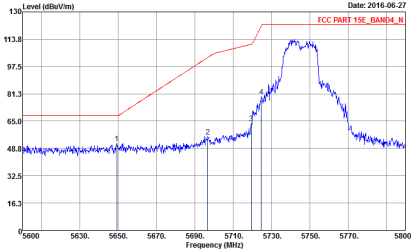
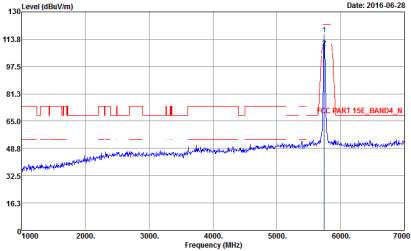
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ANT	802.11a CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	Site : 03CH074HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 20	Site : 03CH074HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 20



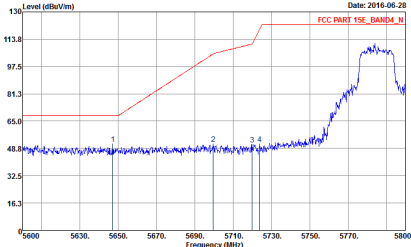
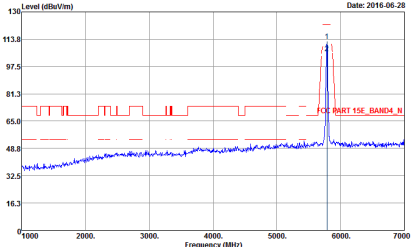
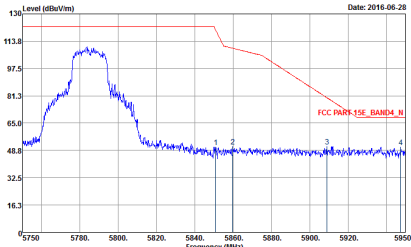
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 661812 Mode : 32 Power Setting : 20	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : Peak Project : 661812 Mode : 32 Power Setting : 20

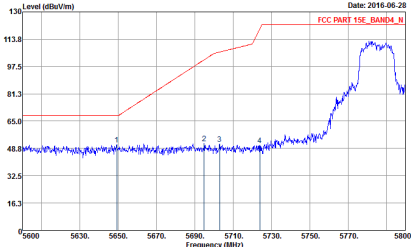
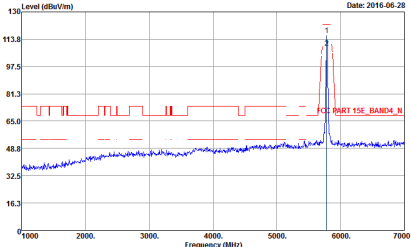
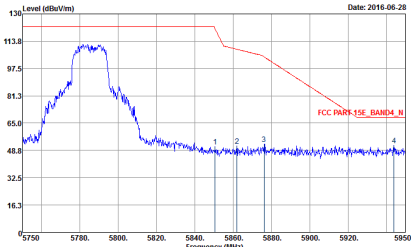


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH18741Y Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Peak : Project : 661812 Mode : 32 Power Setting : 20	 Site : 03CH18741Y Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Peak : Project : 661812 Mode : 32 Power Setting : 20

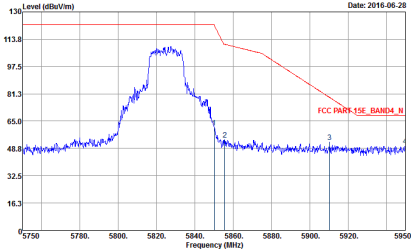
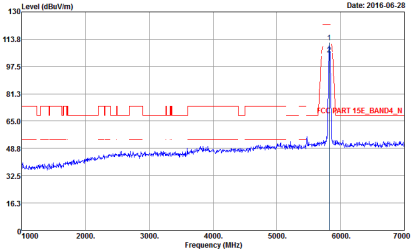


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000KHz VSW:3000.000KHz SWT:Auto Peak : Project : 661812 Mode : 33 Power Setting : 20	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000KHz VSW:3000.000KHz SWT:Auto Peak : Project : 661812 Mode : 33 Power Setting : 20
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000KHz VSW:3000.000KHz SWT:Auto Peak : Project : 661812 Mode : 33 Power Setting : 20	Left blank

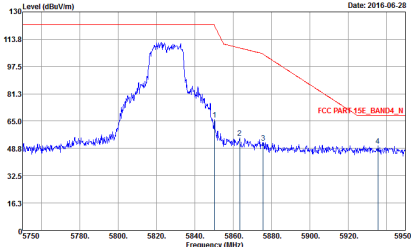
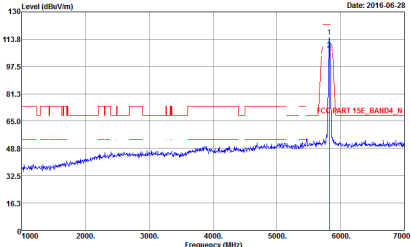


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VSW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 20	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VSW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 20
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VSW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 20	Left blank



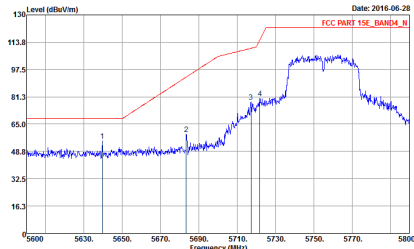
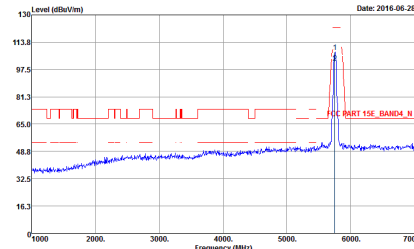
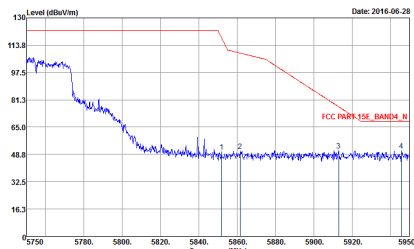
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH074HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 20	 Site : 03CH074HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 20



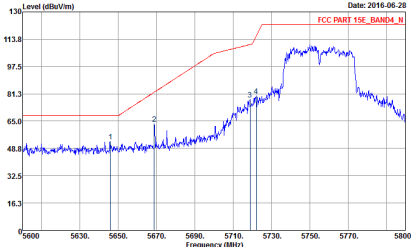
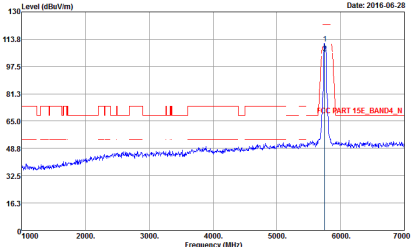
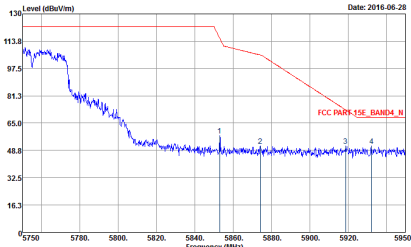
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH074HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 20	 Site : 03CH074HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 20



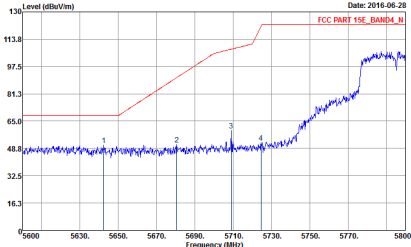
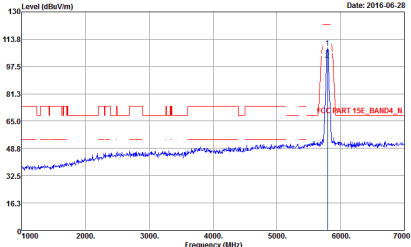
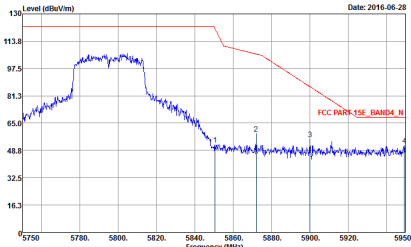
Band 4 5725~5850MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000 000KHz VSW:3000 000KHz SWT:Auto Project : 661812 Mode : 35 Power Setting : 18.5	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000 000KHz VSW:3000 000KHz SWT:Auto Project : 661812 Mode : 35 Power Setting : 18.5
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000 000KHz VSW:3000 000KHz SWT:Auto Project : 661812 Mode : 35 Power Setting : 18.5	Left blank

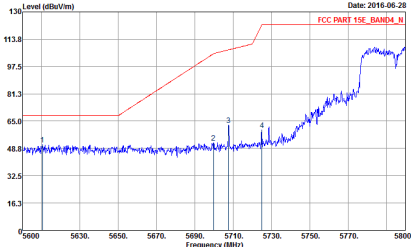
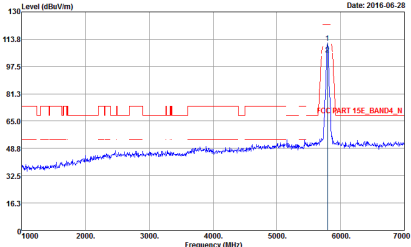
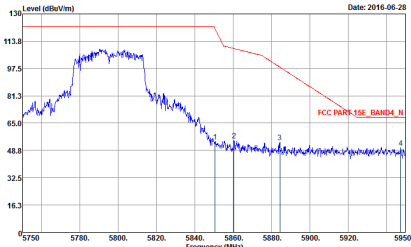


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VSW:3000.000kHz SWT:Auto Peak : Project : 661812 Mode : 35 Power Setting : 18.5	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VSW:3000.000kHz SWT:Auto Peak : Project : 661812 Mode : 35 Power Setting : 18.5
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VSW:3000.000kHz SWT:Auto Peak : Project : 661812 Mode : 35 Power Setting : 18.5	Left blank



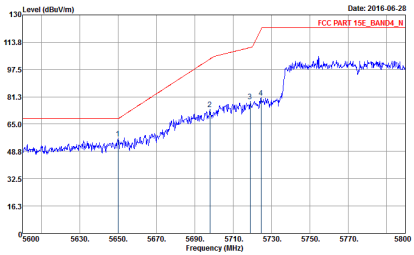
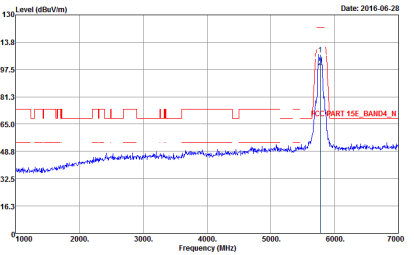
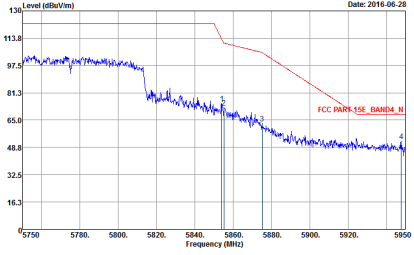
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 36 -18.5	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 36 -18.5
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 36 -18.5	Left blank



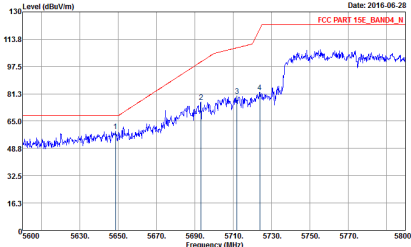
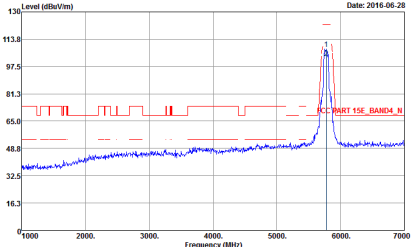
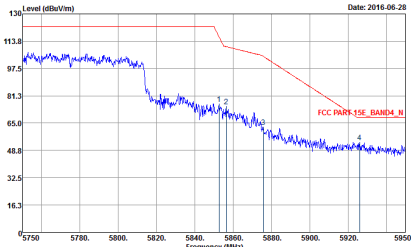
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 36 Date: 2016-06-28	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 36 Date: 2016-06-28
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 661812 Power Setting : 36 Date: 2016-06-28	Left blank



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	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : REW-1000 000KHz VSW 3000 000KHz SWT Auto Project : Peak 661812 Mode : 37 Power Setting : 19.5	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : REW-1000 000KHz VSW 3000 000KHz SWT Auto Project : Peak 661812 Mode : 37 Power Setting : 19.5
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 HORIZONTAL Detector : REW-1000 000KHz VSW 3000 000KHz SWT Auto Project : Peak 661812 Mode : 37 Power Setting : 19.5	Left blank

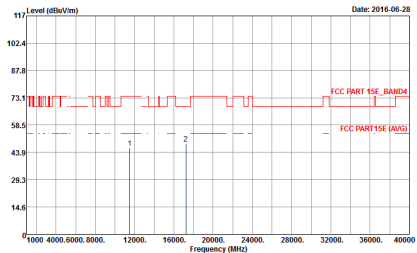
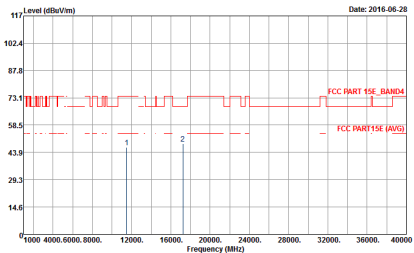


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VSW:3000.000kHz SWT:Auto Peak : Project : 661812 Mode : 37 Power Setting : 19.5	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VSW:3000.000kHz SWT:Auto Peak : Project : 661812 Mode : 37 Power Setting : 19.5
Peak	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m HF-ANT_130829 VERTICAL Detector : RBW:1000.000kHz VSW:3000.000kHz SWT:Auto Peak : Project : 661812 Mode : 37 Power Setting : 19.5	Left blank

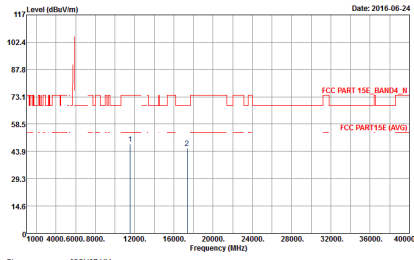
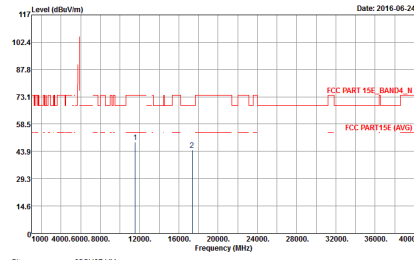


Band 4 - 5725~5850MHz

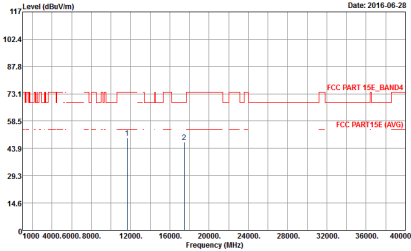
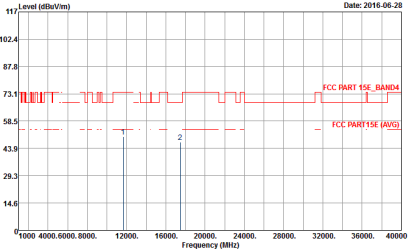
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-14Y Condition : FCC PART 15E_BAND4 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 661812 Mode : 29 Power Setting : 20	 Site : 03CH07-14Y Condition : FCC PART 15E_BAND4 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 661812 Mode : 29 Power Setting : 20



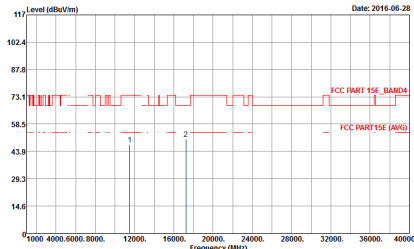
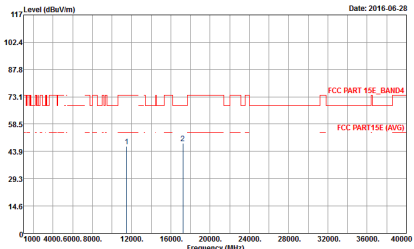
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07.HY Condition : FCC PART 15E_BAND4_N 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 661812 Mode : 30	 Site : 03CH07.HY Condition : FCC PART 15E_BAND4_N 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 661812 Mode : 30



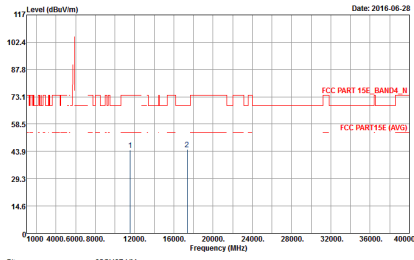
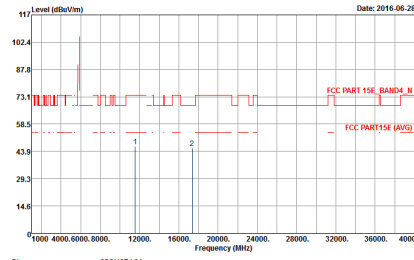
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH167-11Y Condition : FCC PART 15E_BAND4 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 661812 Mode : 31 Power Setting : 20	 Site : 03CH167-11Y Condition : FCC PART 15E_BAND4 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 661812 Mode : 31 Power Setting : 20



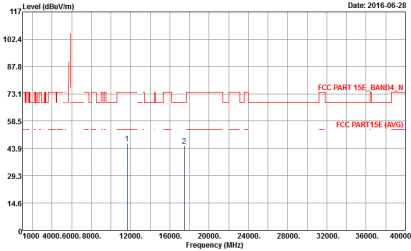
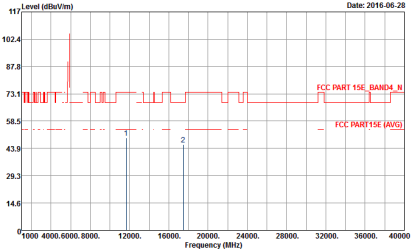
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH149 5745MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 661812 Mode : 32 Power Setting : 20	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 661812 Mode : 32 Power Setting : 20



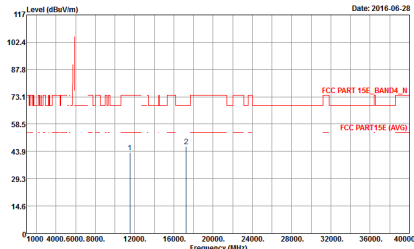
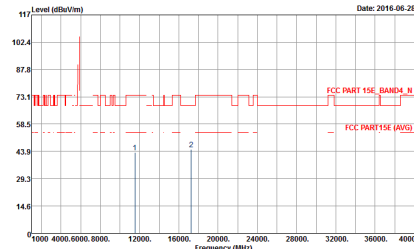
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH1874HY Condition : FCC PART 15E_BAND4_N 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 661812 Mode : 33 Power Setting : 20	 Site : 03CH1874HY Condition : FCC PART 15E_BAND4_N 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 661812 Mode : 33 Power Setting : 20



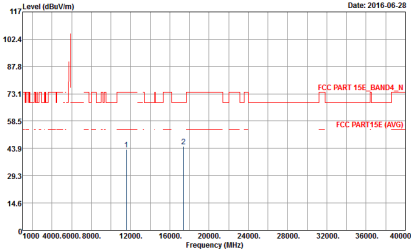
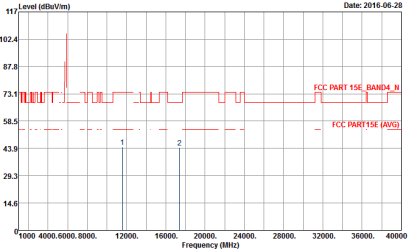
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH16741Y Condition : FCC PART 15E BAND 4 3m SHF EHF_131029 HORIZONTAL Detector : Peak Project : 661812 Mode : 34 Power Setting : 20	 Site : 03CH16741Y Condition : FCC PART 15E BAND 4 3m SHF EHF_131029 VERTICAL Detector : Peak Project : 661812 Mode : 34 Power Setting : 20



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

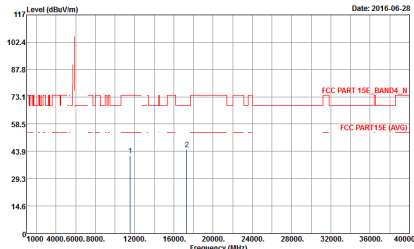
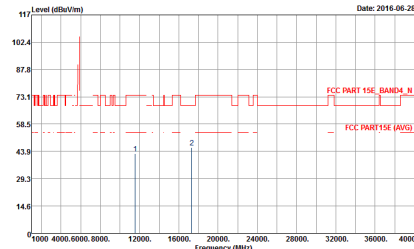
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH151 5755MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 661812 Mode : 35 Power Setting : 18.5	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 661812 Mode : 35 Power Setting : 18.5



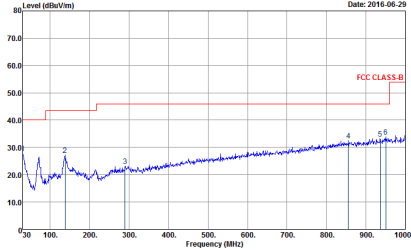
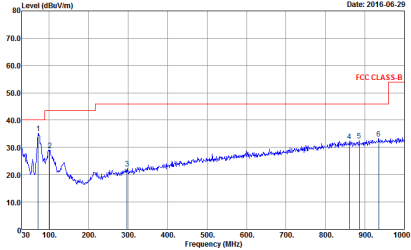
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11n HT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH1874HY Condition : FCC PART 15E_BAND4_N 3m SHF EHF_131029 HORIZONTAL Detector : Peak Project : 661812 Mode : 36 Power Setting : 18.5	 Site : 03CH1874HY Condition : FCC PART 15E_BAND4_N 3m SHF EHF_131029 VERTICAL Detector : Peak Project : 661812 Mode : 36 Power Setting : 18.5



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 : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 661812 Mode : 37 Power Setting : 19.5	 Site : 03CH07-HY Condition : FCC PART 15E_BAND4_N 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 661812 Mode : 37 Power Setting : 19.5

Emission below 1GHz
5GHz WIFI 802.11n HT20 (LF)

WIFI	5GHz 5725~5850MHz	
ANT	802.11n HT20 LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH07-11Y Condition : FCC CLASS-B 3m LF-ANT:35419(6) HORIZONTAL Detector : Peak Project : 661812 Mode : 41	 Site : 03CH07-11Y Condition : FCC CLASS-B 3m LF-ANT:35419(6) VERTICAL Detector : Peak Project : 661812 Mode : 41