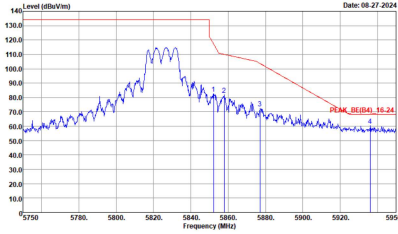
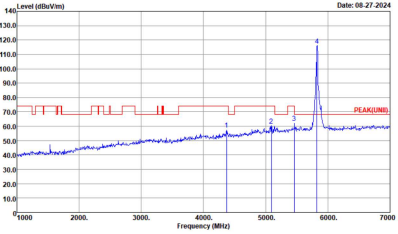
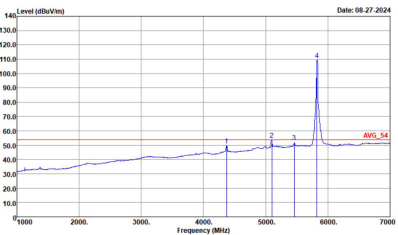
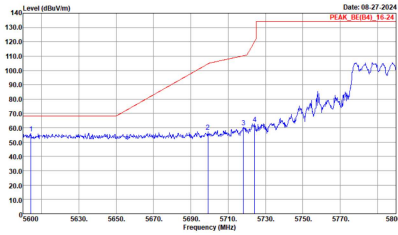
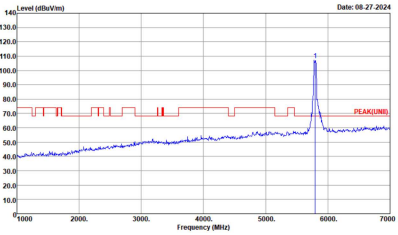
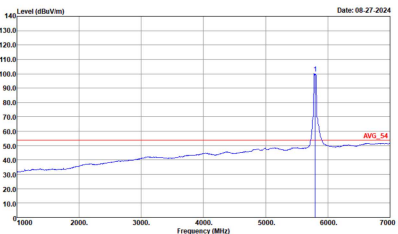


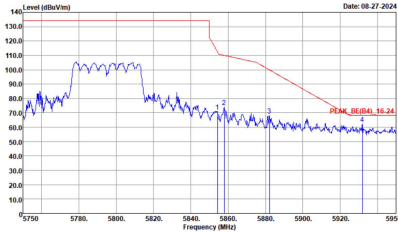


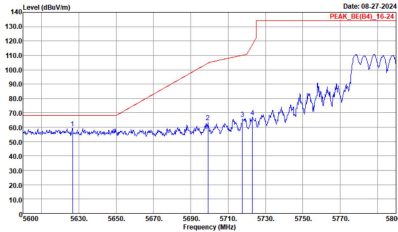
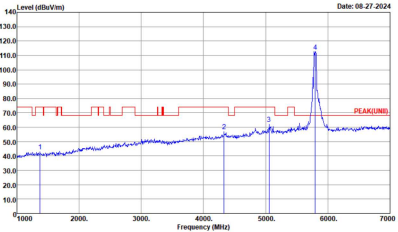
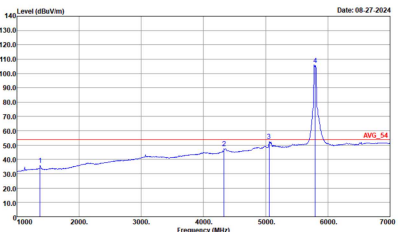
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11a CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(84)_16-24 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : X Setting : 17	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : X Setting : 17
Avg	Left blank	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : X Setting : 17

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

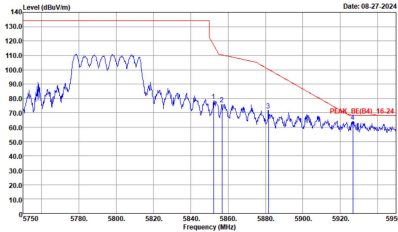
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_RE(04)_16-24 3m HORN_02140_240129 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Plane : AVR Power 120Vac/60Hz Setting : X Setting : 16.5	 Site : 03CH02-CA Condition : PEAK(UN11) 3m HORN_02140_240129 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Plane : AVR Power 120Vac/60Hz Setting : X Setting : 16.5
Avg	Left blank	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Plane : AVR Power 120Vac/60Hz Setting : X Setting : 16.5



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH03-CA Condition : PEAK_BE(84)_16-24 3m HORN_02140_240129 HORIZONTAL Detector : Peak Plane : X Setting : 16.5	Left blank

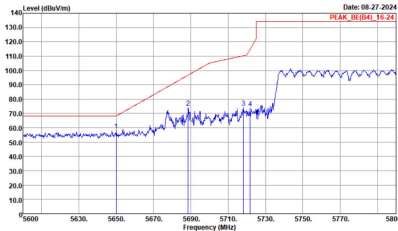
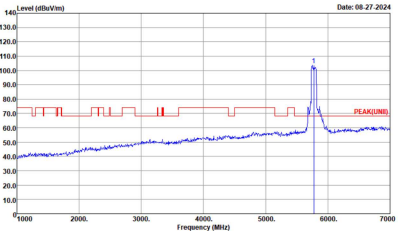
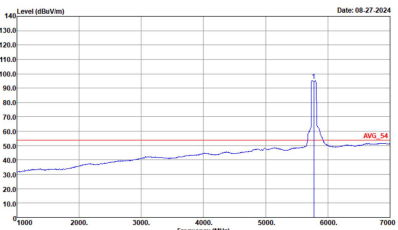
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(14)_16-24 3m HORN_02140_240129 VERTICAL Detector : Peak Setting : 16.5	 Site : 03CH02-CA Condition : PEAK(UMI) 3m HORN_02140_240129 VERTICAL Detector : Peak Setting : 16.5
Avg	Left blank	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 VERTICAL Detector : Peak Setting : 16.5



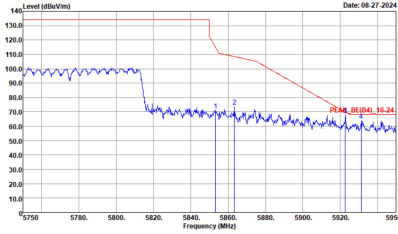
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(16)_16-24 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : X Setting : 16.5	Left blank



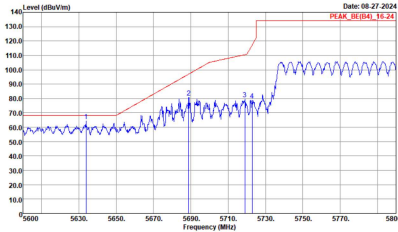
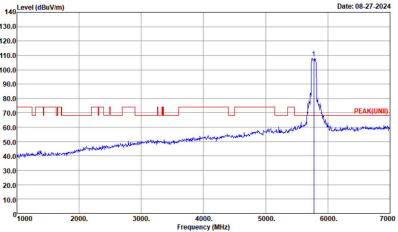
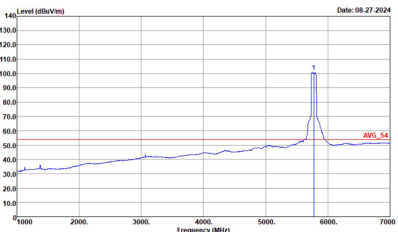
Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_RE(04)_16-24 3m HORN_02140_240129 HORIZONTAL Detector : Peak Plane : AVR Power 120Vac/60Hz Setting : 14	 Site : 03CH02-CA Condition : PEAK_UN(1) 3m HORN_02140_240129 HORIZONTAL Detector : Peak Plane : AVR Power 120Vac/60Hz Setting : 14
Avg	Left blank	 Site : 03CH02-CA Condition : AVG_S4 3m HORN_02140_240129 HORIZONTAL Detector : Peak Plane : AVR Power 120Vac/60Hz Setting : 14

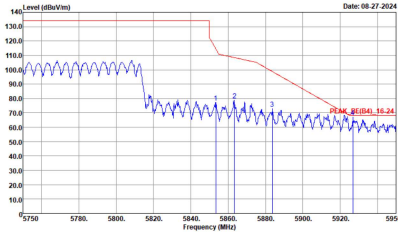


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH03-CA Condition : PEAK_BE(84)_16-24 3m HORN_02140_240129 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto Detector : Peak Plane : X Setting : 14	Left blank



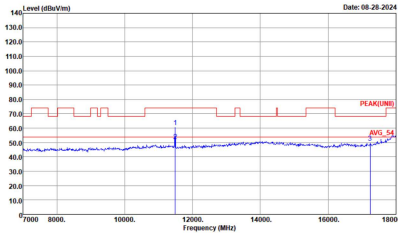
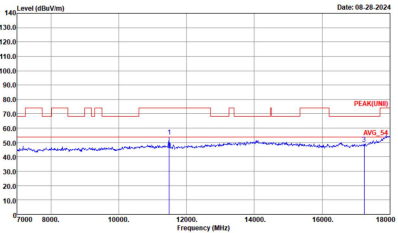
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(S4)_16-24 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : X Setting : 14	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : X Setting : 14
Avg	Left blank	 Site : 03CH02-CA Condition : AVG_S4 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : X Setting : 14



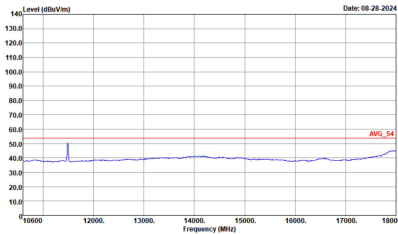
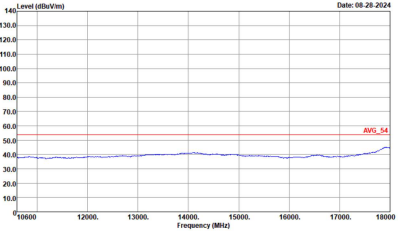
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH03-CA Condition : PEAK_BE(84)_16-24 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : X Setting : 14	Left blank



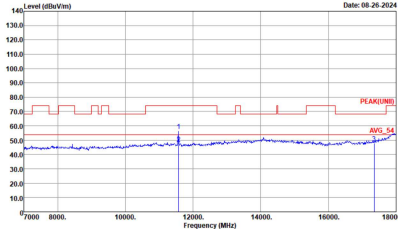
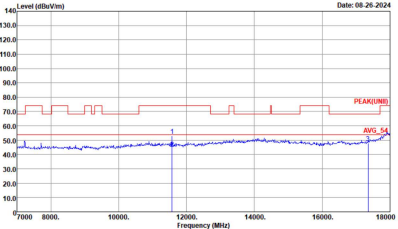
Band 4 - 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 83CH2-CA Condition : PEAK(UNIT) 3m HORN_02140_240129 HORIZONTAL Detector : Peak Plane : X Setting : 17.5	 Site : 83CH2-CA Condition : PEAK(UNIT) 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : X Setting : 17.5

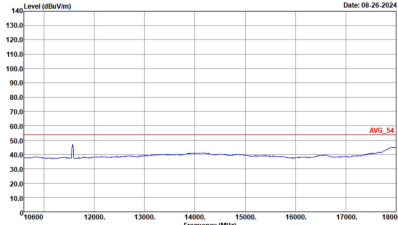
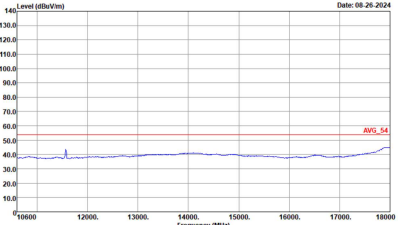


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH149 5745MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 HORIZONTAL Detector : Peak Plane : X Setting : 17.5	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : X Setting : 17.5

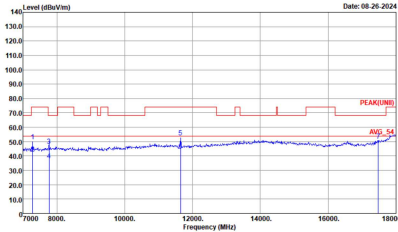
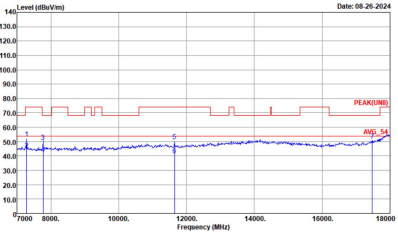


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_240129 HORIZONTAL Detector : Peak Plane : X Setting : 19	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : X Setting : 19

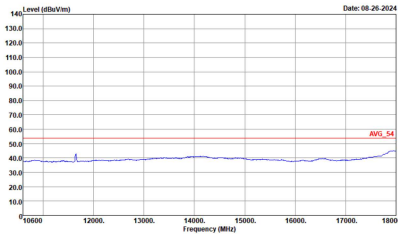
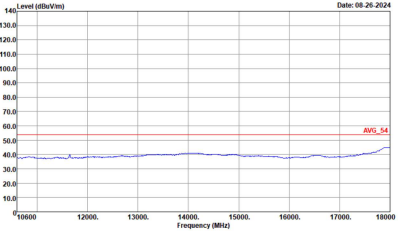


WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH157 5785MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 HORIZONTAL Detector : Peak Plane : X Setting : 19	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : X Setting : 19



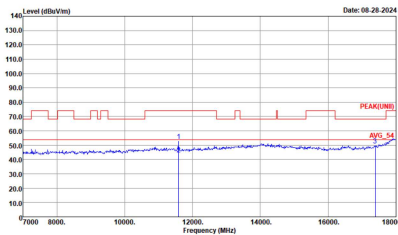
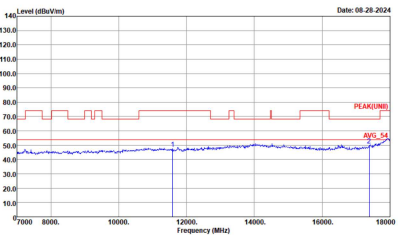
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_240129 HORIZONTAL Detector : Peak Plane : AVR Power 120Vac/60Hz Setting : 19	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : AVR Power 120Vac/60Hz Setting : 19



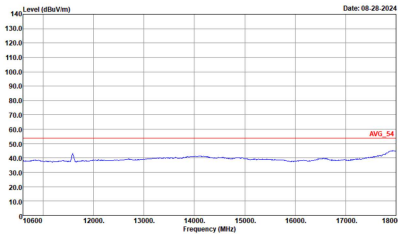
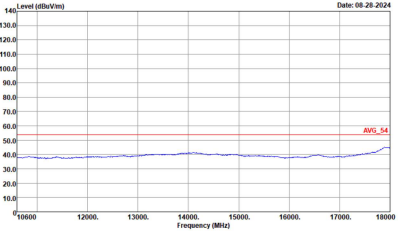
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11a CH165 5825MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 HORIZONTAL Detector : Peak Plane : AVR Power 120Vac/60Hz Setting : 19	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : AVR Power 120Vac/60Hz Setting : 19



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

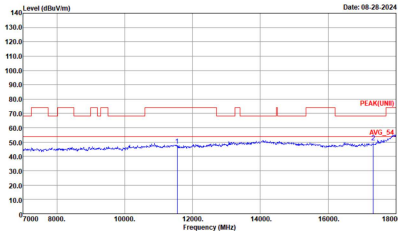
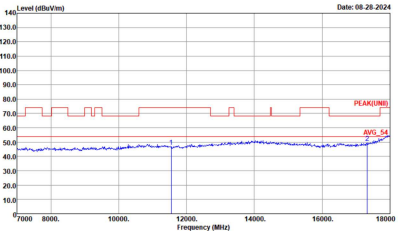
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UM) 3m HORN_02140_240129 HORIZONTAL Detector : Peak Plane : AVR Power 120Vac/60Hz Setting : X Setting : 16.5	 Site : 03CH02-CA Condition : PEAK(UM) 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : AVR Power 120Vac/60Hz Setting : X Setting : 16.5



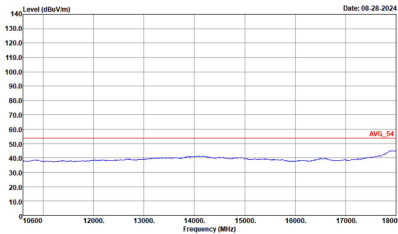
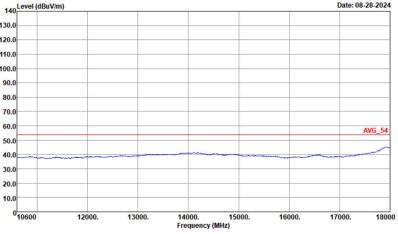
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH159 5795MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 HORIZONTAL Detector : RBW:1000.000kHz VBW:1.000kHz SMT:Auto Peak : Plane : AVR Power 120Vac/60Hz Setting : 16.5	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 VERTICAL Detector : RBW:1000.000kHz VBW:1.000kHz SMT:Auto Peak : Plane : AVR Power 120Vac/60Hz Setting : 16.5



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

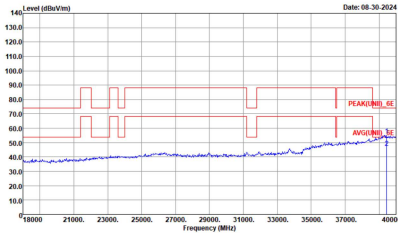
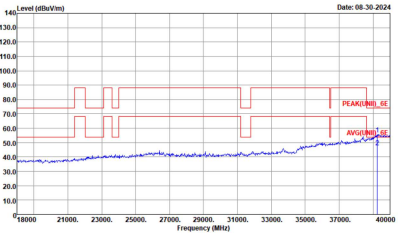
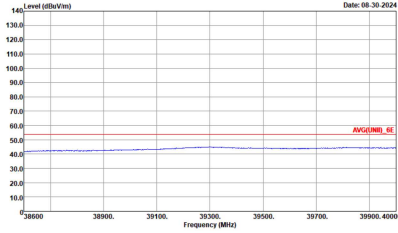
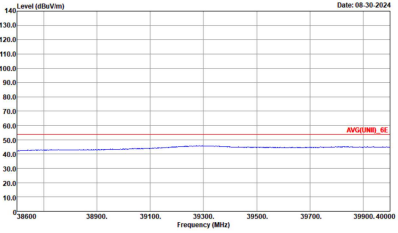
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_240129 HORIZONTAL Detector : Peak Plane : AVR Power 120Vac/60Hz Setting : 14	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : AVR Power 120Vac/60Hz Setting : 14



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH155 5775MHz	
1+2	Horizontal	Vertical
10.6G ~18G Avg.	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 HORIZONTAL Detector : Peak Plane : X Setting : 14	 Site : 03CH02-CA Condition : AVG_54 3m HORN_02140_240129 VERTICAL Detector : Peak Plane : X Setting : 14

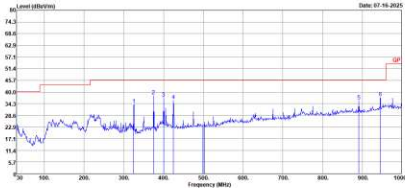
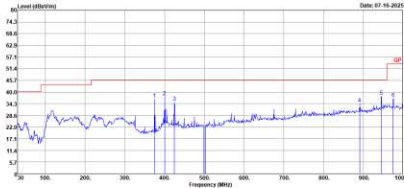


Emission above 18GHz
5GHz WIFI 802.11a (SHF @ 1m)

WIFI	5GHz WIFI	
ANT	802.11a SHF	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT)_6E 1m SHF_HORH_841_240807 HORIZONTAL Detector : Peak Power : AVR Power 120Vac/60Hz Plane : Z Setting : 17	 Site : 03CH02-CA Condition : PEAK(UNIT)_6E 1m SHF_HORH_841_240807 VERTICAL Detector : Peak Power : AVR Power 120Vac/60Hz Plane : Z Setting : 17
	 Site : 03CH02-CA Condition : AVG(UNIT)_6E 1m SHF_HORH_841_240807 HORIZONTAL Detector : Peak Power : AVR Power 120Vac/60Hz Plane : Z Setting : 17	 Site : 03CH02-CA Condition : AVG(UNIT)_6E 1m SHF_HORH_841_240807 VERTICAL Detector : Peak Power : AVR Power 120Vac/60Hz Plane : Z Setting : 17



Emission below 1GHz
5GHz WIFI 802.11a (LF @ 3m)

WIFI	5GHz WIFI	
ANT	802.11a LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : RICHMOND, CA Condition : QP 3m 8110G_58392_248813_H HORIZONTAL Detector : Peak Power : 10m 1.20.0000Hz VSW: 300.0000Hz SAT: 0.500uV Plane : X Setting : 17	 Site : RICHMOND, CA Condition : QP 3m 8110G_58392_248813_H VERTICAL Detector : Peak Power : 10m 1.20.0000Hz VSW: 300.0000Hz SAT: 0.500uV Plane : X Setting : 17



Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
1	802.11a	90.55	1390	0.72	1kHz
1	5GHz 802.11ac VHT40	91.29	1415	0.71	1kHz
1	5GHz 802.11ac VHT80	90.87	1095	0.91	1kHz

