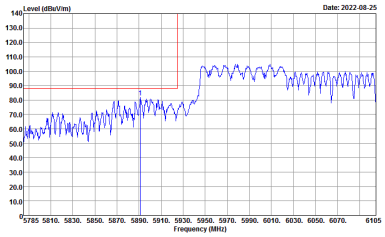
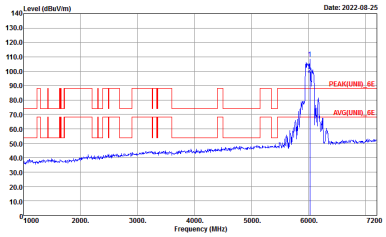
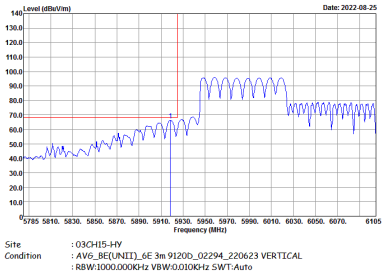
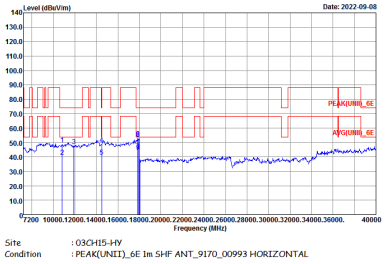
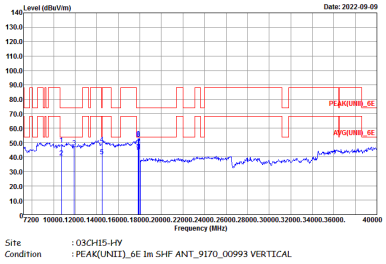
WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 996/67 CH15 6025MHz	
9+8	Vertical	Fundamental
Peak		
Avg.		Left blank

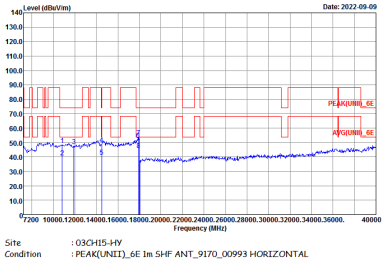
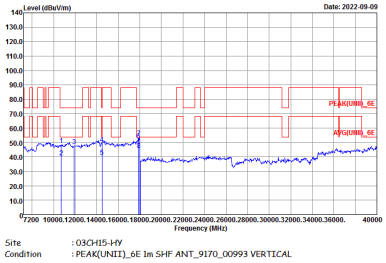
Band 5 - 5925~6425MHz

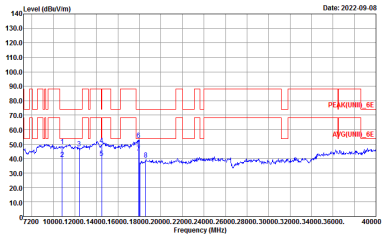
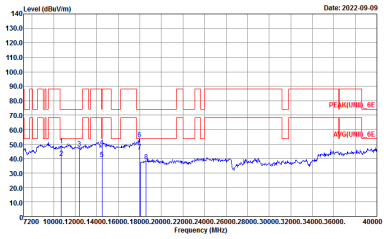
WIFI 802.11a (Harmonic @ 3m)

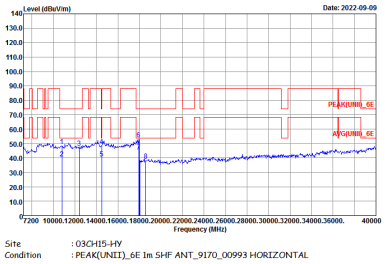
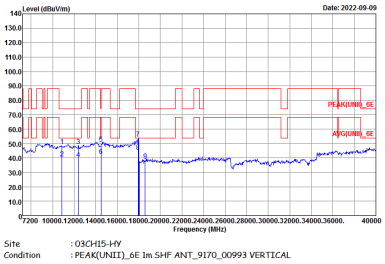
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11a CH01 5955MHz	
9+8	Horizontal	Vertical
Peak Avg.		

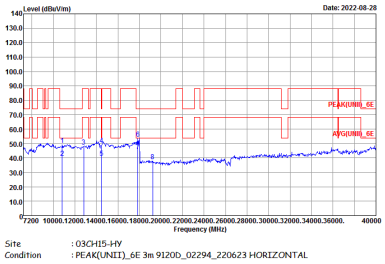
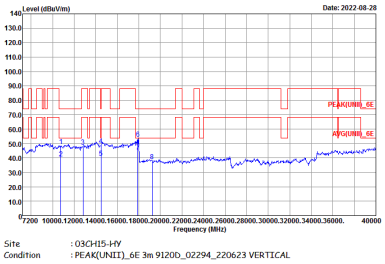
Band 5 5925~6425MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH01 5955MHz	
9+8	Horizontal	Vertical
Peak Avg.		

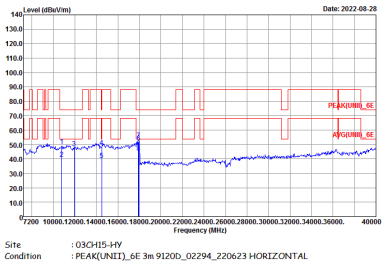
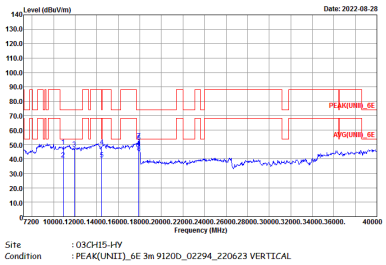
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH45 6175MHz	
9+8	Horizontal	Vertical
Peak Avg.		

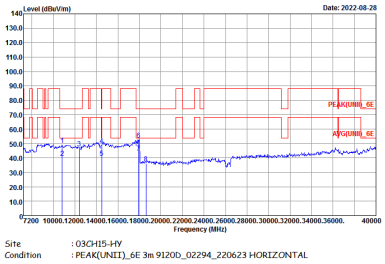
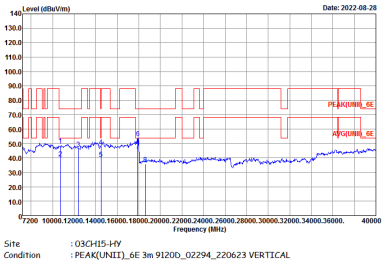
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH49 6195MHz	
9+8	Horizontal	Vertical
Peak Avg.		

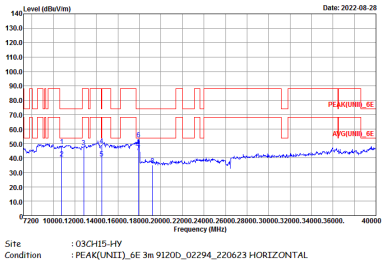
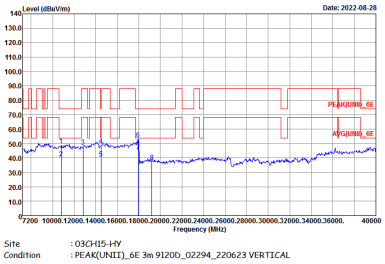
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH93 6415MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 5 5925~6425MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

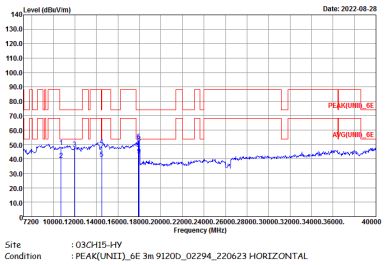
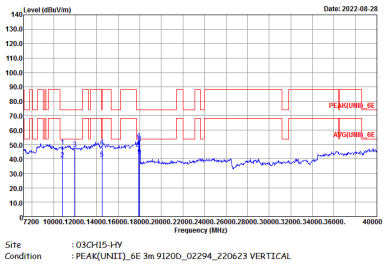
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH03 5965MHz	
9+8	Horizontal	Vertical
Peak Avg.		

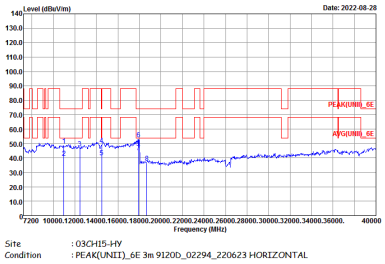
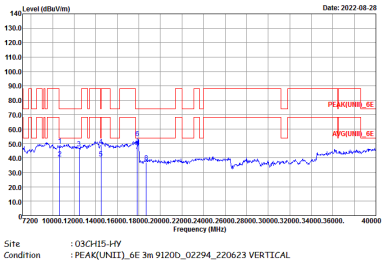
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH51 6205MHz	
9+8	Horizontal	Vertical
Peak Avg.		

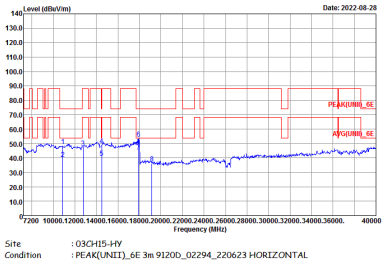
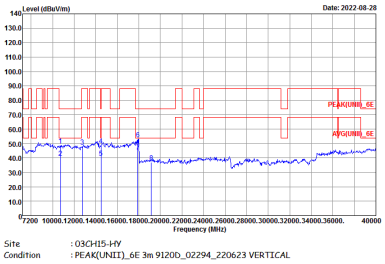
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH91 6405MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 5 5925~6425MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

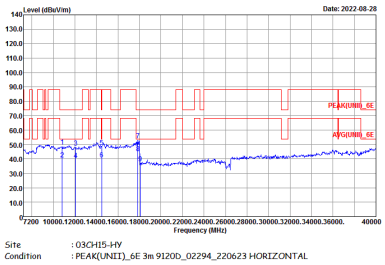
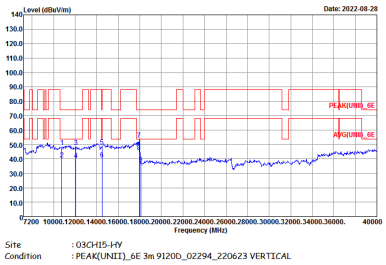
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH07 5985MHz	
9+8	Horizontal	Vertical
Peak Avg.		

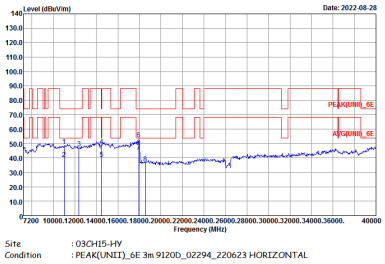
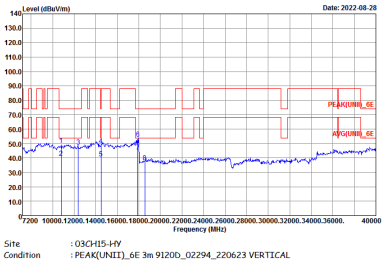
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH55 6225MHz	
9+8	Horizontal	Vertical
Peak Avg.		

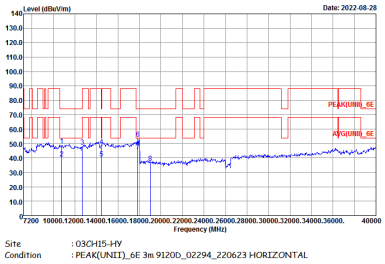
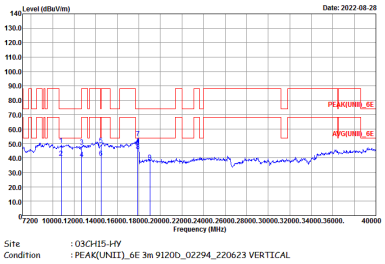
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH87 6385MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

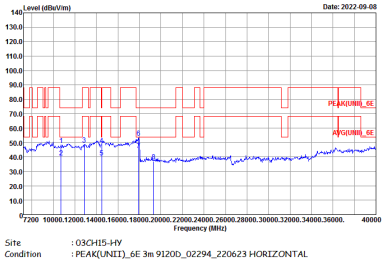
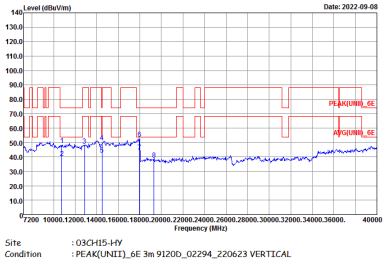
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH15 6025MHz	
9+8	Horizontal	Vertical
Peak Avg.		

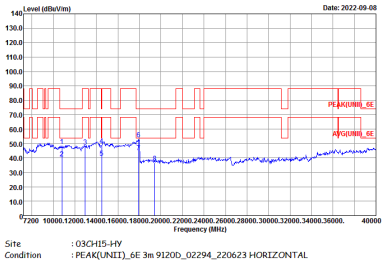
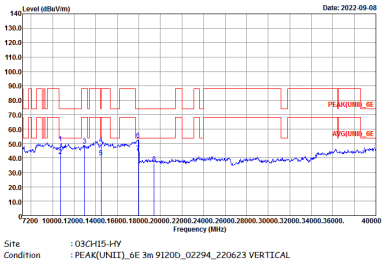
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH47 6185MHz	
9+8	Horizontal	Vertical
Peak Avg.		

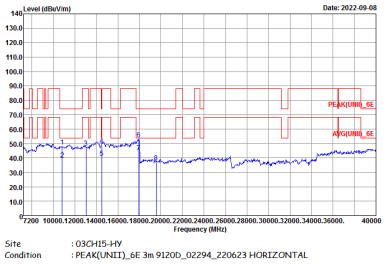
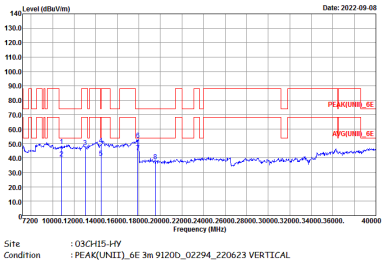
WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH79 6345MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 6 - 6425~6525MHz

WIFI 802.11a (Harmonic @ 3m)

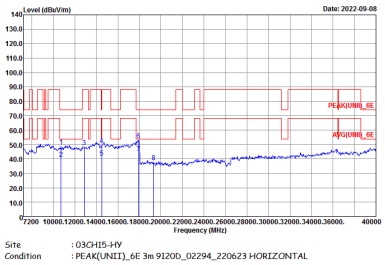
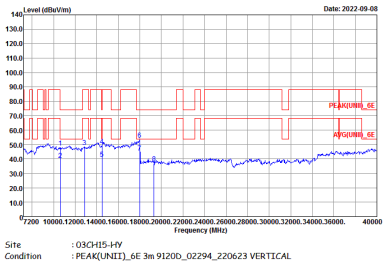
WIFI	Band 6 6425~6525MHz Harmonic @ 3vum	
ANT	802.11a CH97 6435MHz	
9+8	Horizontal	Vertical
Peak Avg.		

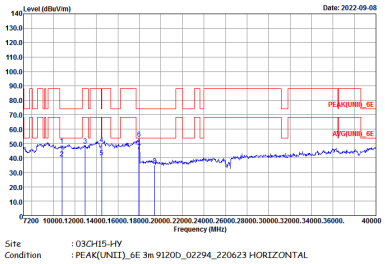
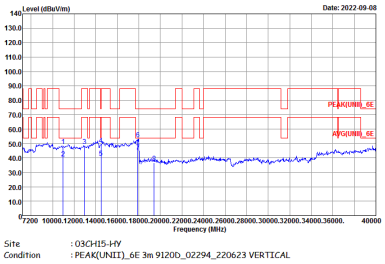
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11a CH105 6475MHz	
9+8	Horizontal	Vertical
Peak Avg.		

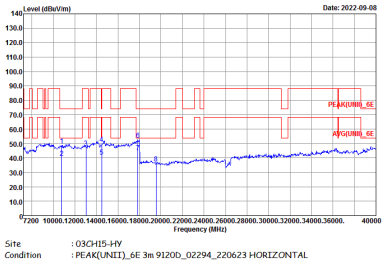
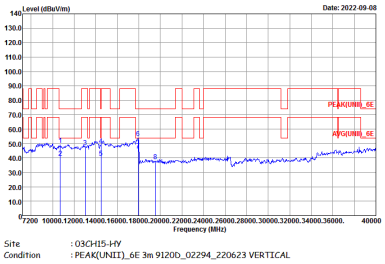
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11a CH113 6615MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 6 6425~6525MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

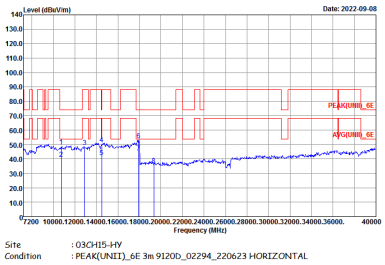
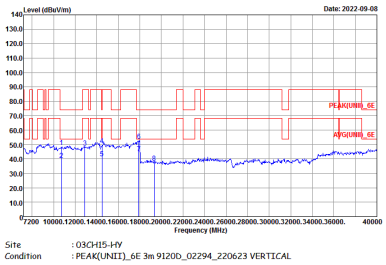
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH97 6435MHz	
9+8	Horizontal	Vertical
Peak Avg.		

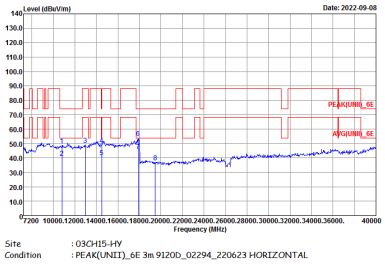
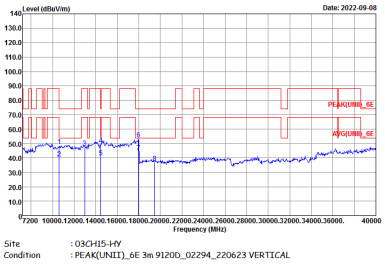
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH105 6475MHz	
9+8	Horizontal	Vertical
Peak Avg.		

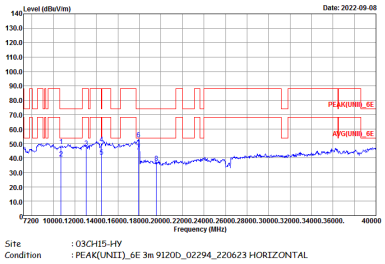
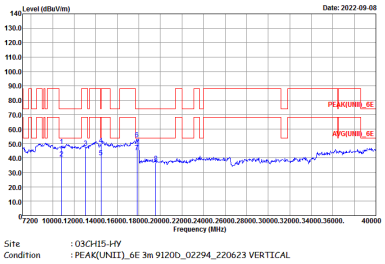
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH113 6515MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 6 6425~6525MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

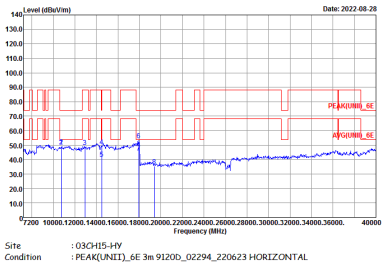
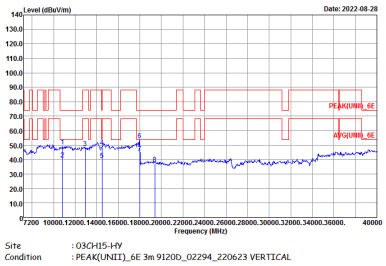
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH99 6445MHz	
9+8	Horizontal	Vertical
Peak Avg.		

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH107 6485MHz	
9+8	Horizontal	Vertical
Peak Avg.		

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH115 6525MHz	
9+8	Horizontal	Vertical
Peak Avg.		

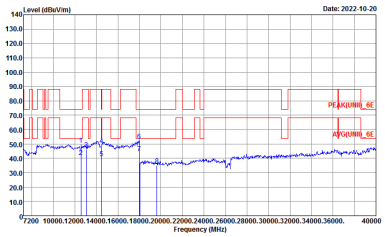
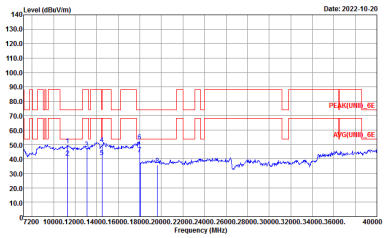
Band 6 6425~6525MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH103 6465MHz	
9+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL

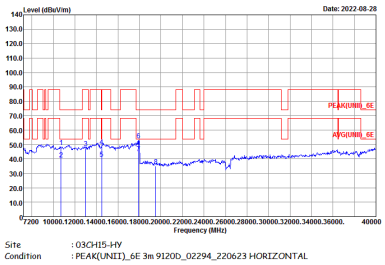
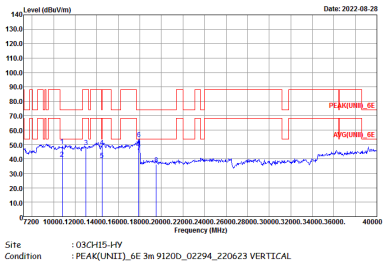
Band 6 6425~6525MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH119 6545MHz	
9+8	Horizontal	Vertical
Peak Avg.		

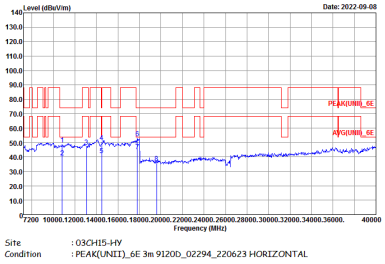
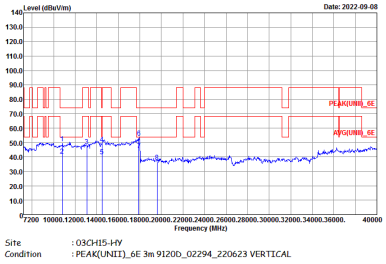
Band 6 6425~6525MHz

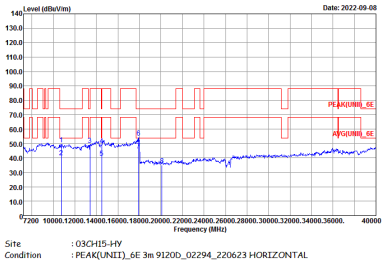
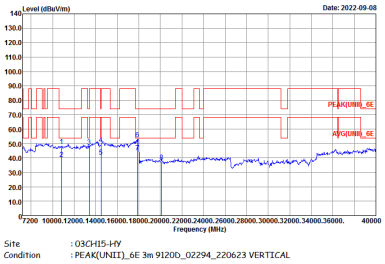
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

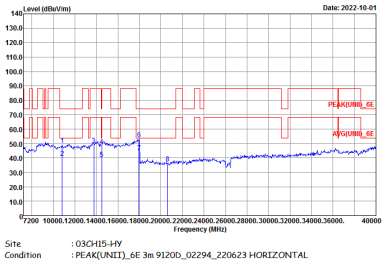
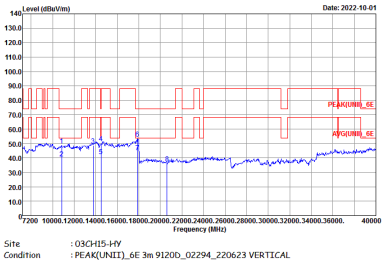
WIFI	Band 6 6425~6525MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH111 6505MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 7 - 6525~6875MHz

WIFI 802.11a (Harmonic @ 3m)

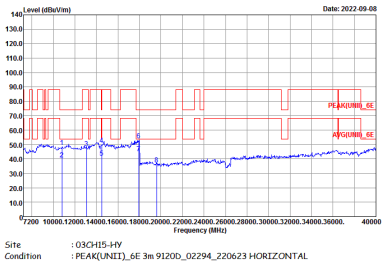
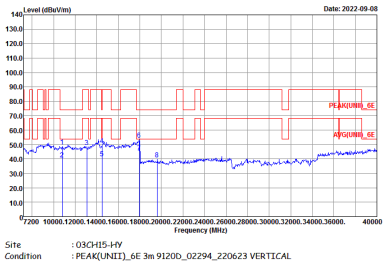
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11a CH117 6535MHz	
9+8	Horizontal	Vertical
Peak Avg.		

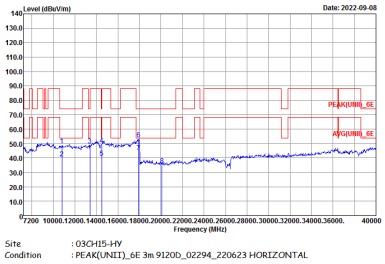
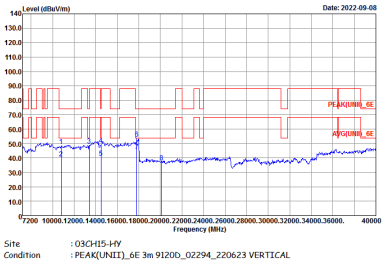
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11a CH149 6695MHz	
9+8	Horizontal	Vertical
Peak Avg.		

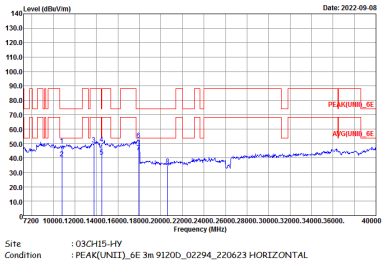
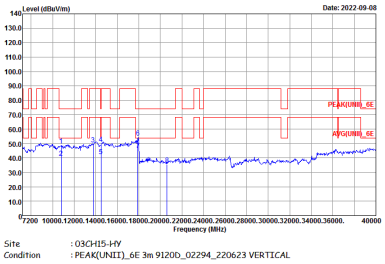
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11a CH185 6875MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 7 6525~6875MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

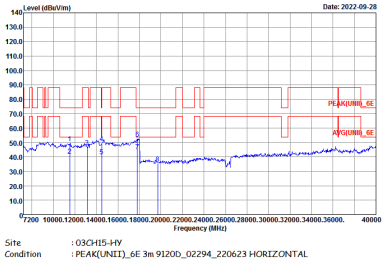
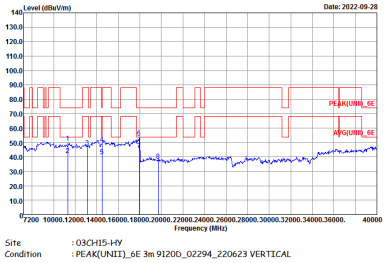
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH117 6535MHz	
9+8	Horizontal	Vertical
Peak Avg.		

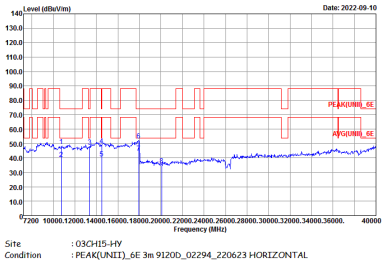
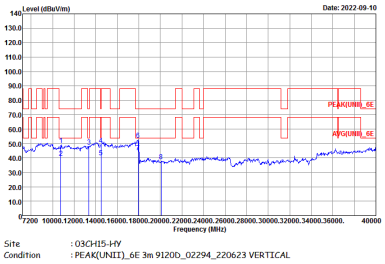
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH149 6695MHz	
9+8	Horizontal	Vertical
Peak Avg.		

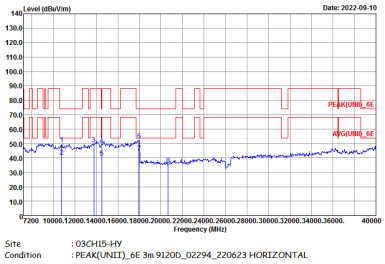
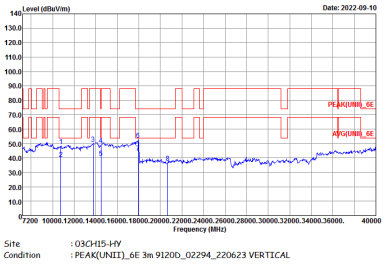
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH185 6875MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 7 6525~6875MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

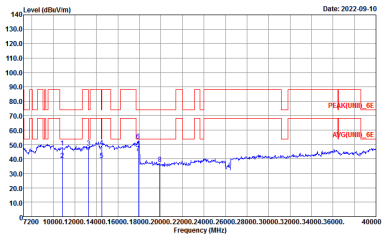
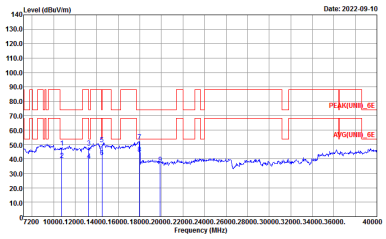
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH123 6565MHz	
9+8	Horizontal	Vertical
Peak Avg.		

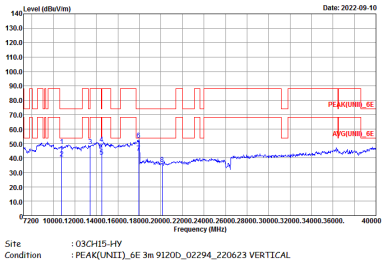
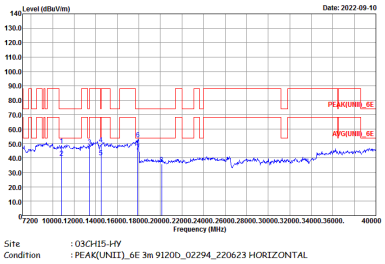
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH147 6685MHz	
9+8	Horizontal	Vertical
Peak Avg.		

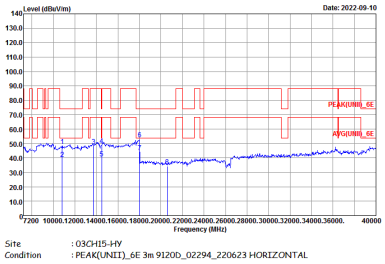
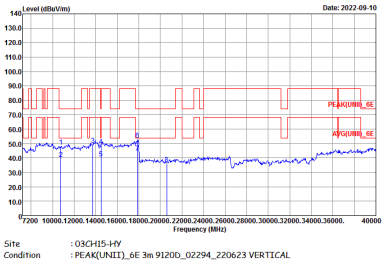
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH187 6885MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 7 6525~6875MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

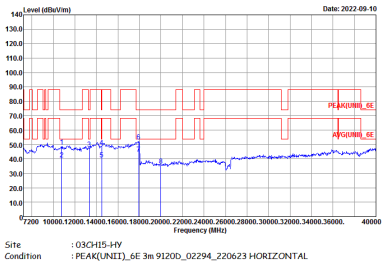
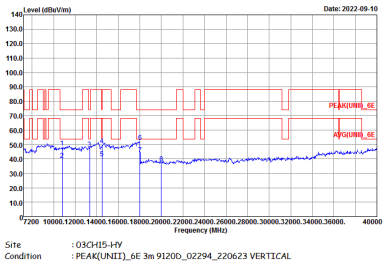
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH135 6625MHz	
9+8	Horizontal	Vertical
Peak Avg.		

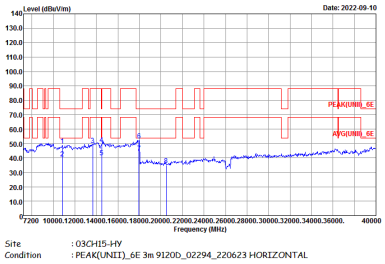
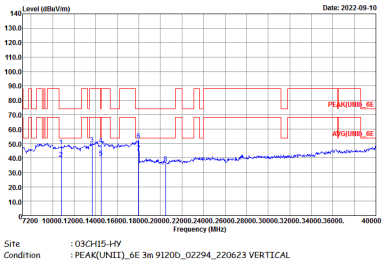
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH151 6705MHz	
9+8	Horizontal	Vertical
Peak Avg.		

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH183 6865MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 7 6525~6875MHz

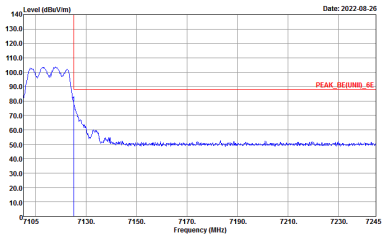
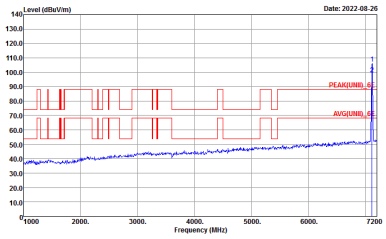
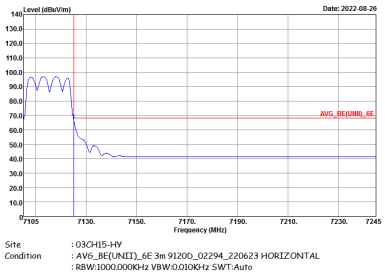
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

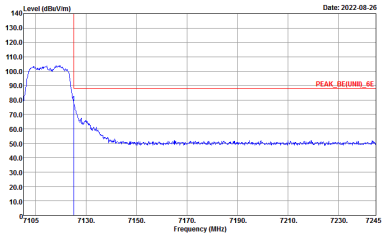
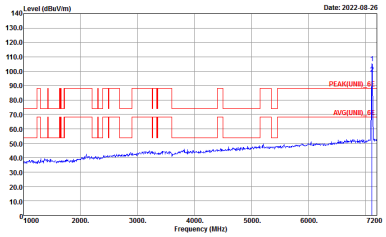
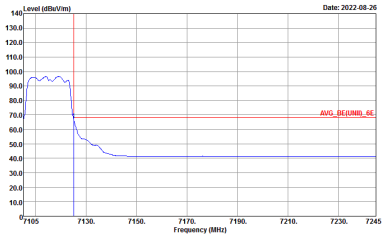
WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH143 6665MHz	
9+8	Horizontal	Vertical
Peak Avg.		

WIFI	Band 7 6525~6875MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH175 6825MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 8 - 6875~7125MHz

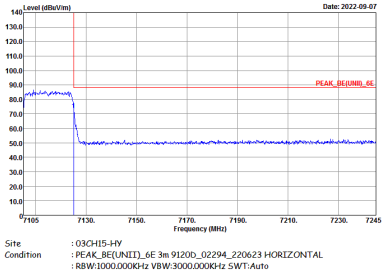
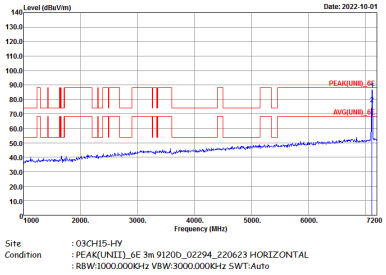
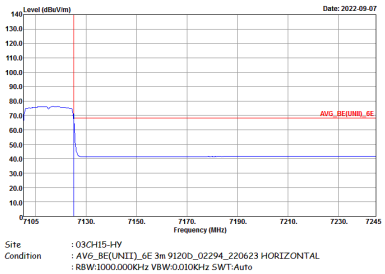
WIFI 802.11a (Band Edge @ 3m)

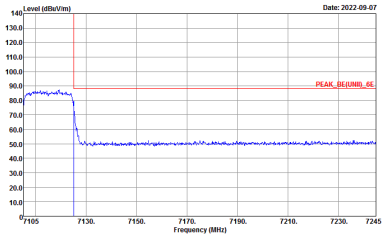
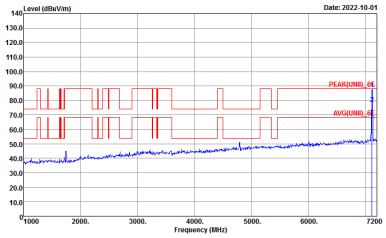
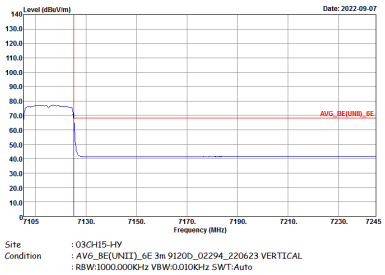
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11a CH233 7125MHz	
9+8	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11a CH233 7125MHz	
9+8	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

Band 8 - 6875~7125MHz

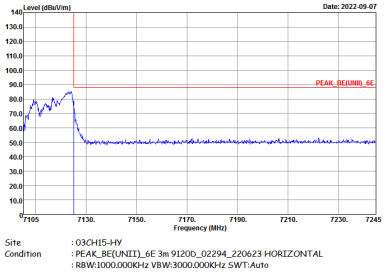
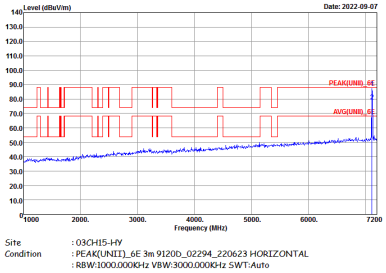
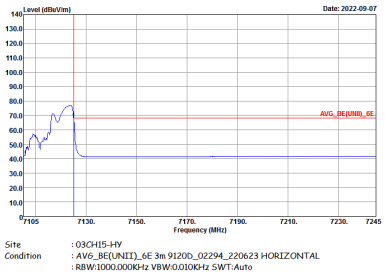
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

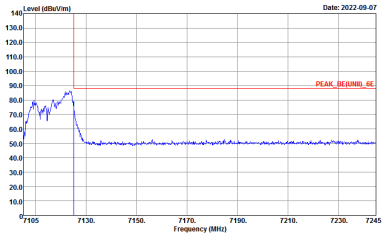
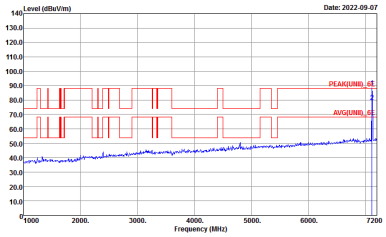
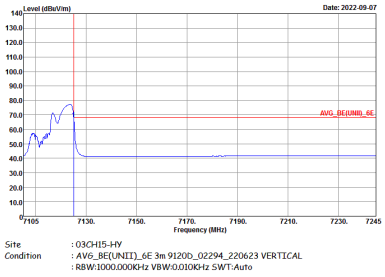
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH233 7125MHz	
9+8	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH233 7125MHz	
9+8	Vertical	Fundamental
Peak		
Avg.		Left blank

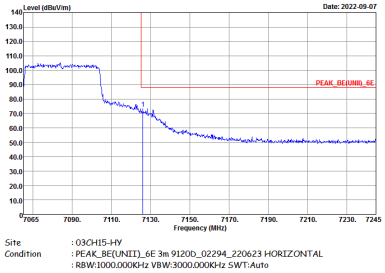
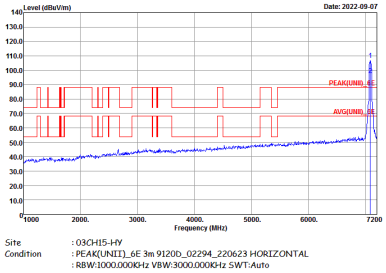
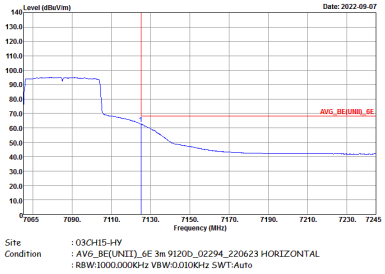
Band 8 - 6875~7125MHz

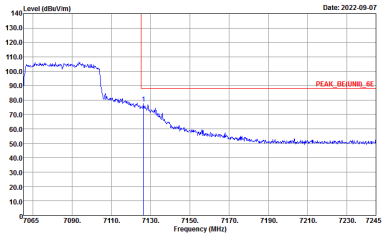
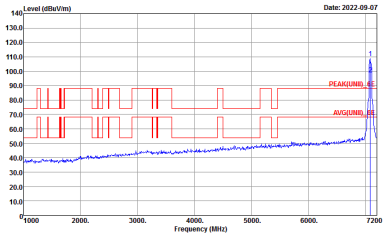
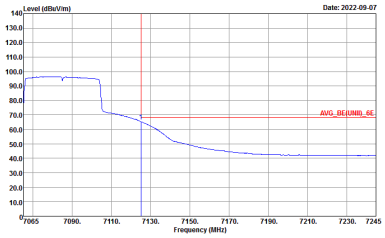
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH233 7125MHz	
9+8	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH233 7125MHz	
9+8	Vertical	Fundamental
Peak		
Avg.		Left blank

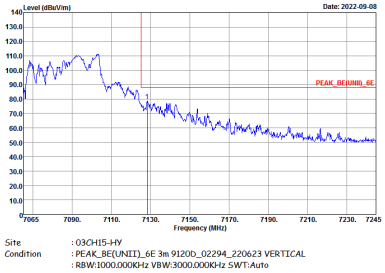
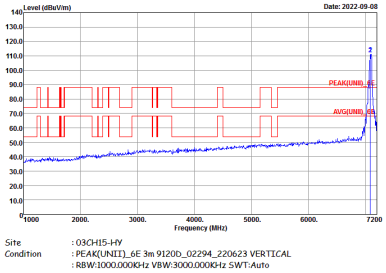
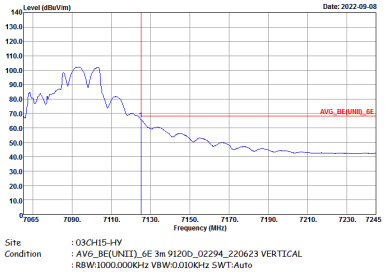
Band 8 - 6875~7125MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

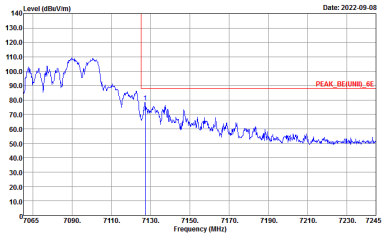
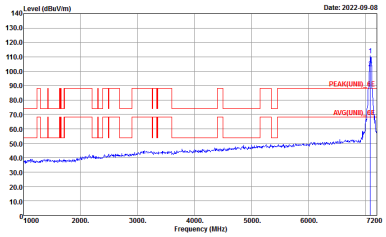
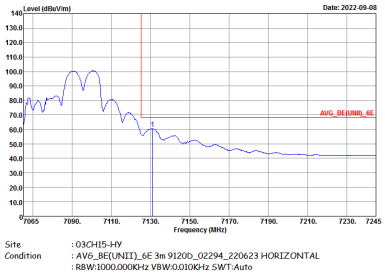
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
9+8	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
9+8	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 8 - 6875~7125MHz

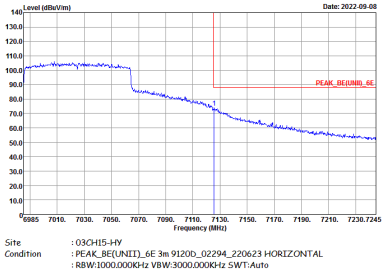
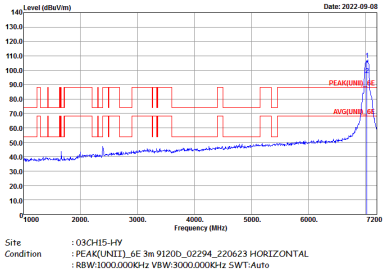
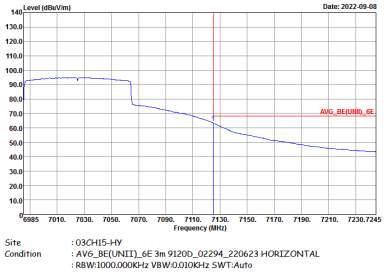
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

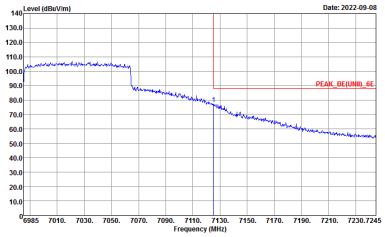
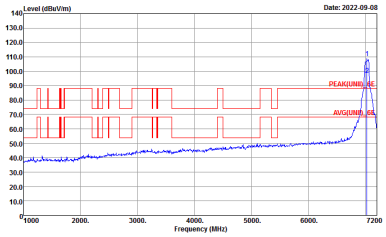
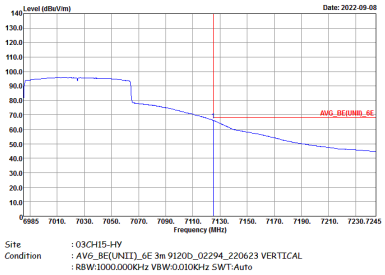
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH227 7085MHz	
9+8	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH227 7085MHz	
9+8	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 8 - 6875~7125MHz

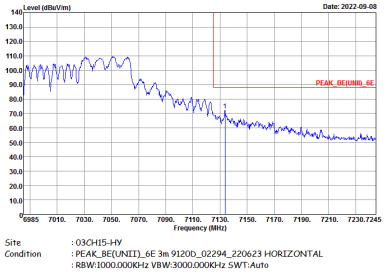
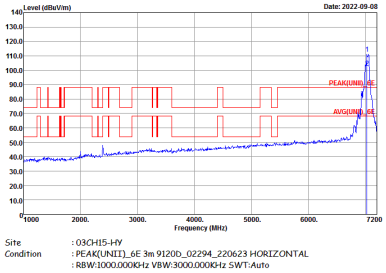
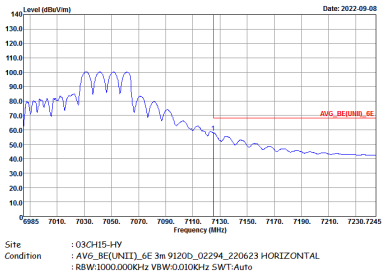
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

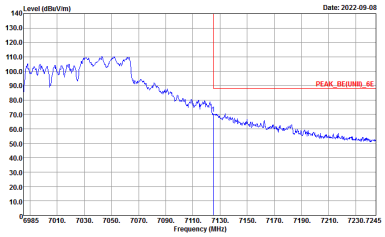
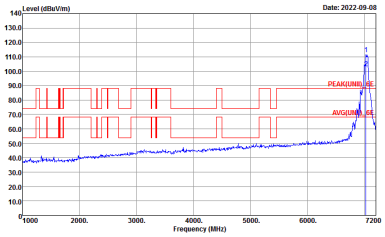
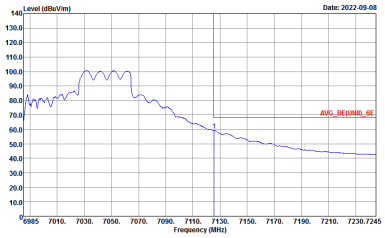
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
9+8	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
9+8	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 8 - 6875~7125MHz

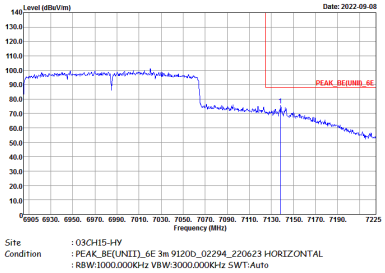
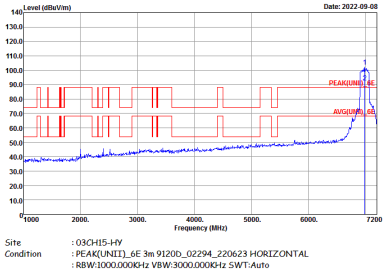
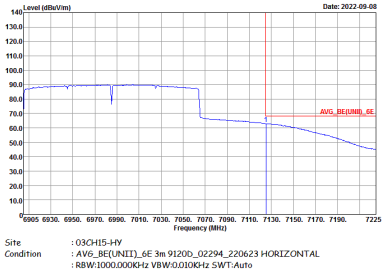
WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

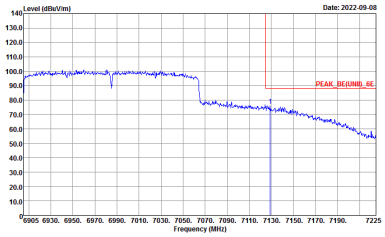
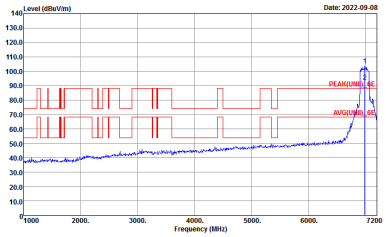
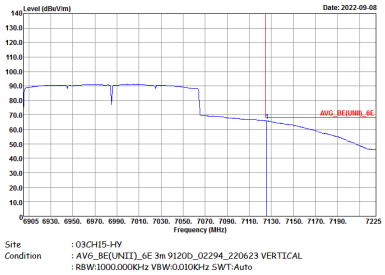
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/66 CH215 7025MHz	
9+8	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE80 Partial 484/66 CH215 7025MHz	
9+8	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE(UNII)_6E 3m 9120D_02294_220623 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

Band 8 - 6875~7125MHz

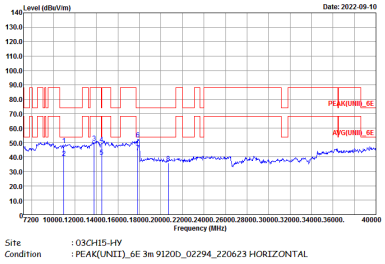
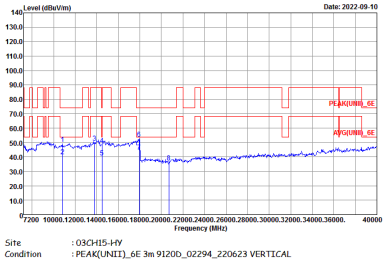
WIFI 802.11ax HE160 Full (Band Edge @ 3m)

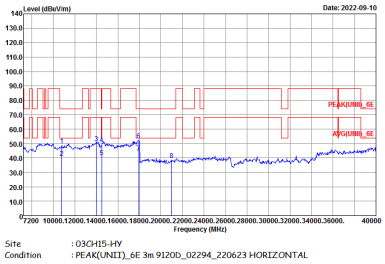
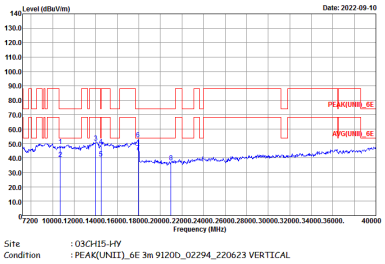
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH207 6985MHz	
9+8	Horizontal	Fundamental
Peak		
Avg.		Left blank

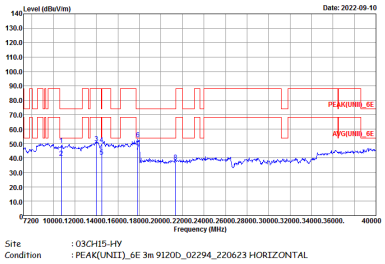
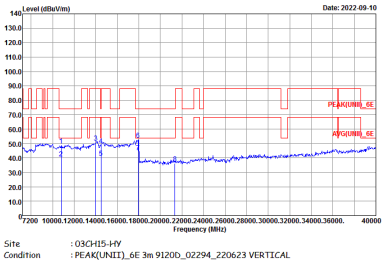
WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE160 Full CH207 6985MHz	
9+8	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 8 - 6875~7125MHz

WIFI 802.11a (Harmonic @ 3m)

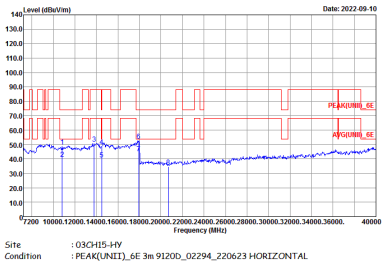
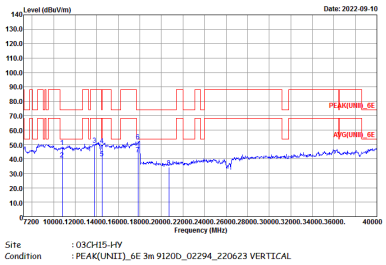
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11a CH189 6895MHz	
9+8	Horizontal	Vertical
Peak Avg.		

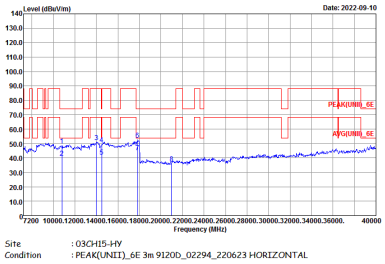
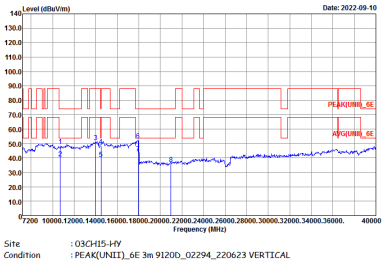
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11a CH209 6995MHz	
9+8	Horizontal	Vertical
Peak Avg.		

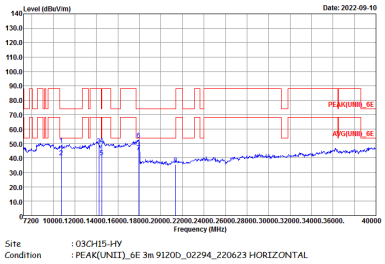
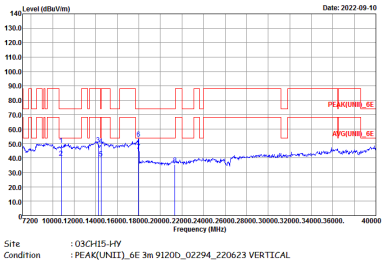
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11a CH233 7125MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 8 - 6875~7125MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

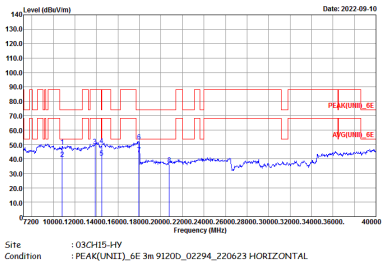
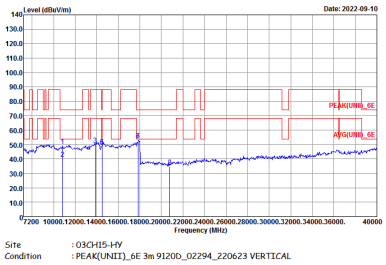
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH189 6895MHz	
9+8	Horizontal	Vertical
Peak Avg.		

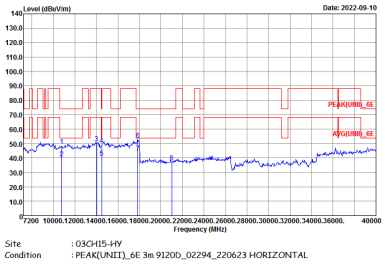
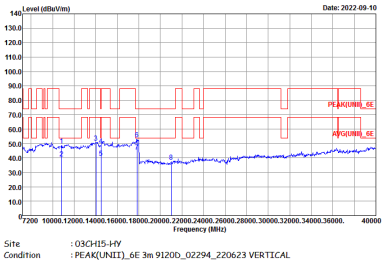
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH209 6995MHz	
9+8	Horizontal	Vertical
Peak Avg.		

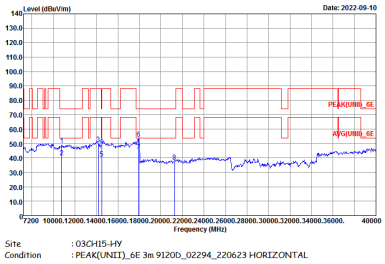
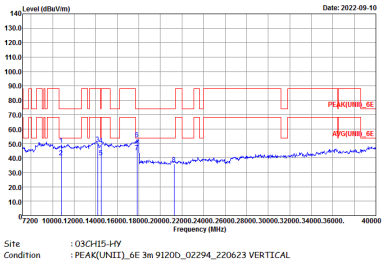
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH233 7125MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 8 - 6875~7125MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

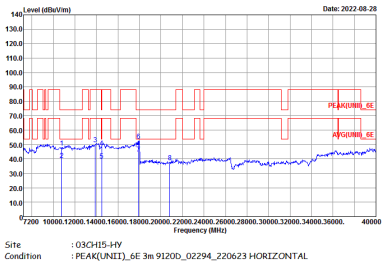
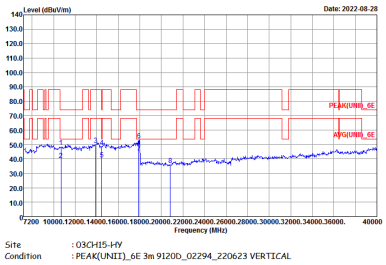
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH195 6925MHz	
9+8	Horizontal	Vertical
Peak Avg.		

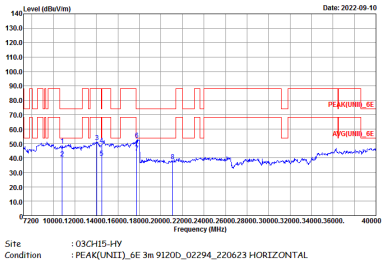
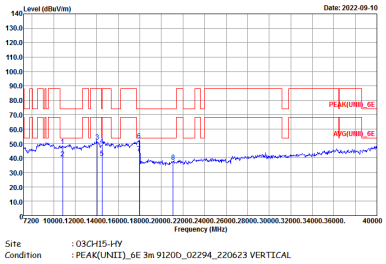
WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH211 7005MHz	
9+8	Horizontal	Vertical
Peak Avg.		

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH227 7085MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 8 - 6875~7125MHz

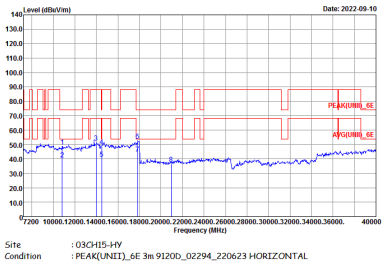
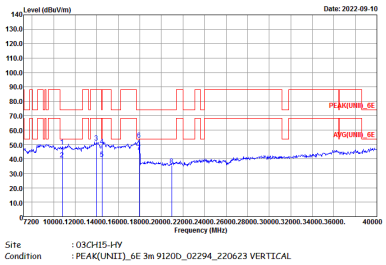
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH199 6945MHz	
9+8	Horizontal	Vertical
Peak Avg.		

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH215 7025MHz	
9+8	Horizontal	Vertical
Peak Avg.		

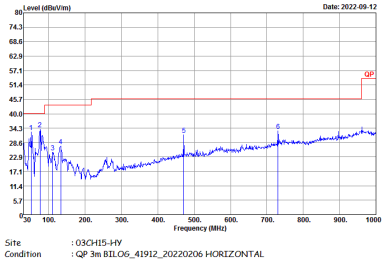
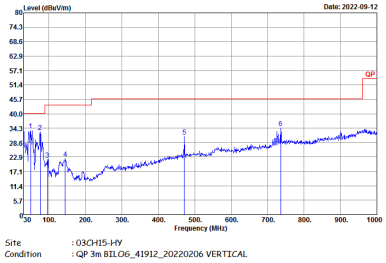
Band 8 - 6875~7125MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH207 6985MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

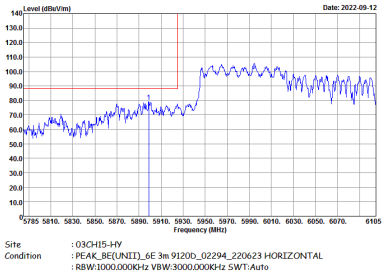
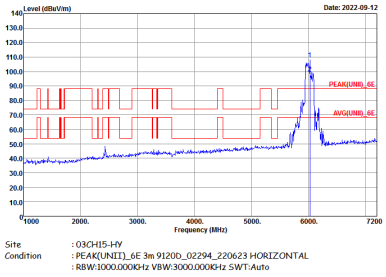
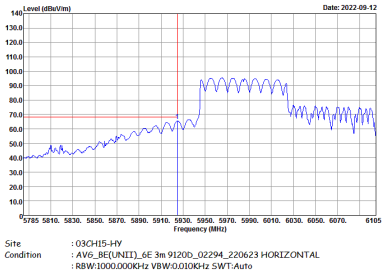
5GHz WIFI 802.11ax HE20 Partial 106 (LF)

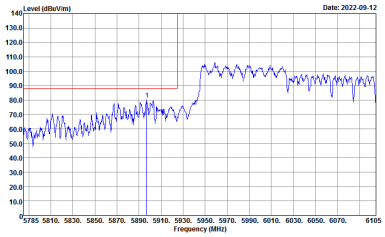
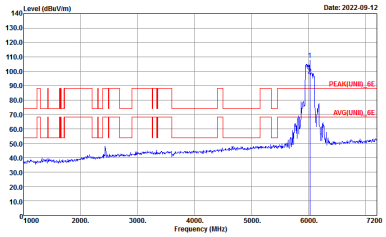
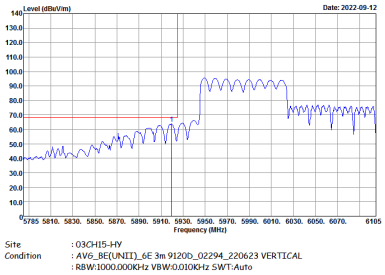
WIFI	5GHz WIFI	
ANT	WIFI 802.11ax HE20 Partial 106 LF	
9+8	Horizontal	Vertical
QP / Peak		

<Sample 1>

Band 5 - 5925~6425MHz

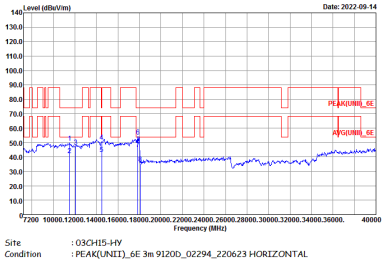
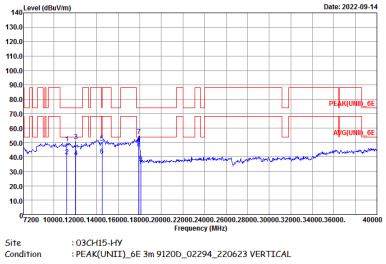
WIFI 802.11ax HE160 Partial 996 (Band Edge @ 3m)

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 996/67 CH15 6025MHz	
9+8	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 5 5925~6425MHz Band Edge @ 3m	
ANT	802.11ax HE160 Partial 996/67 CH15 6025MHz	
9+8	Vertical	Fundamental
Peak		
Avg.		Left blank

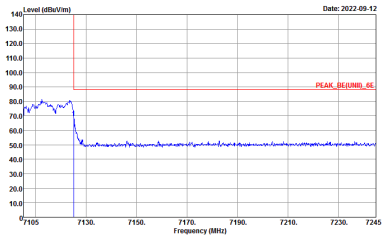
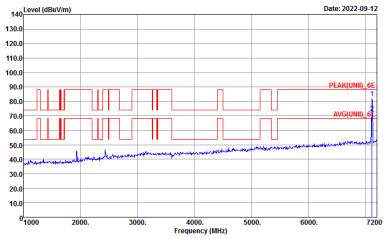
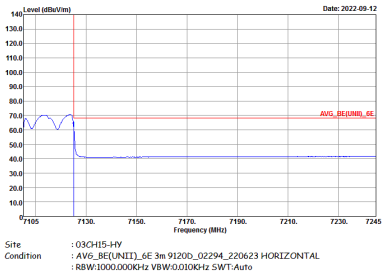
Band 5 - 5925~6425MHz

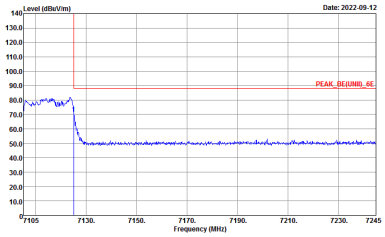
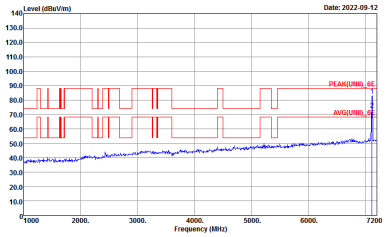
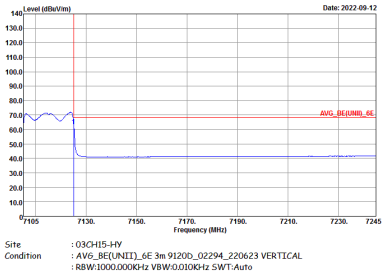
WIFI 802.11ax HE160 Partial 996 (Harmonic @ 3m)

WIFI	Band 5 5925~6425MHz Harmonic @ 3m	
ANT	802.11ax HE160 Partial 996/67 CH15 6025MHz	
9+8	Horizontal	Vertical
Peak Avg.		

Band 8 - 6875~7125MHz

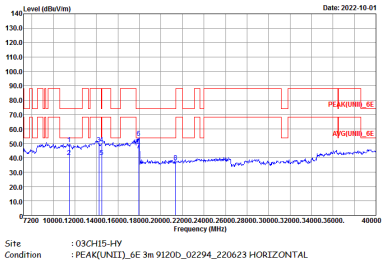
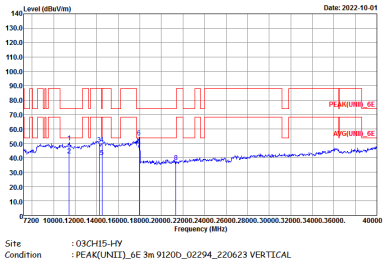
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH233 7125MHz	
9+8	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 8 6875~7125MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH233 7125MHz	
9+8	Vertical	Fundamental
Peak		
Avg.		Left blank

Band 8 - 6875~7125MHz

WIFI 802.11ax HE20 Partial 106 (Harmonic @ 3m)

WIFI	Band 8 6875~7125MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH233 7125MHz	
9+8	Horizontal	Vertical
Peak Avg.		

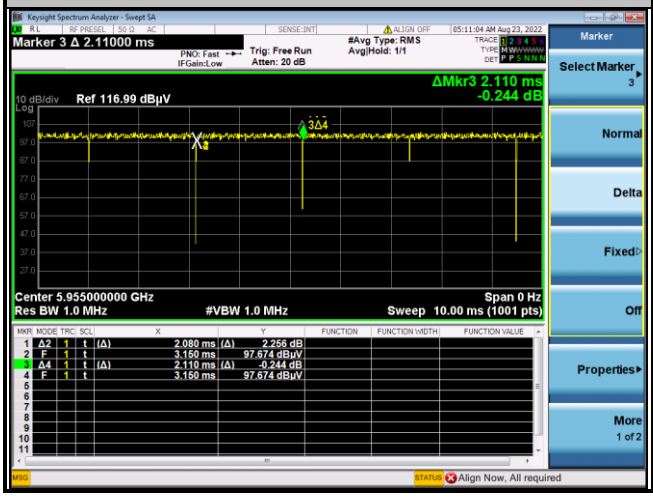
Appendix E. Duty Cycle Plots

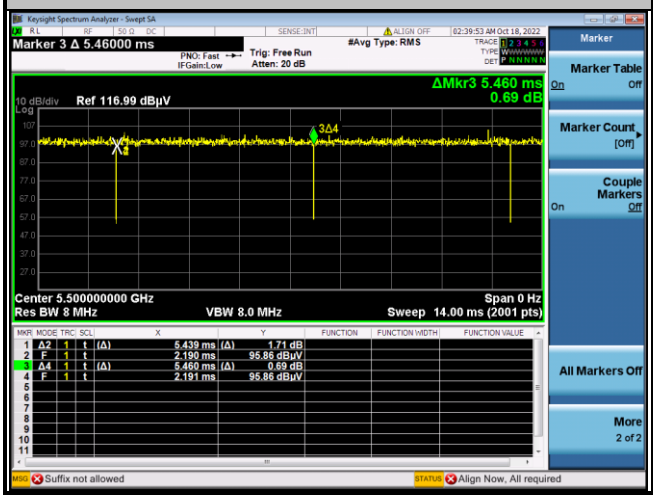
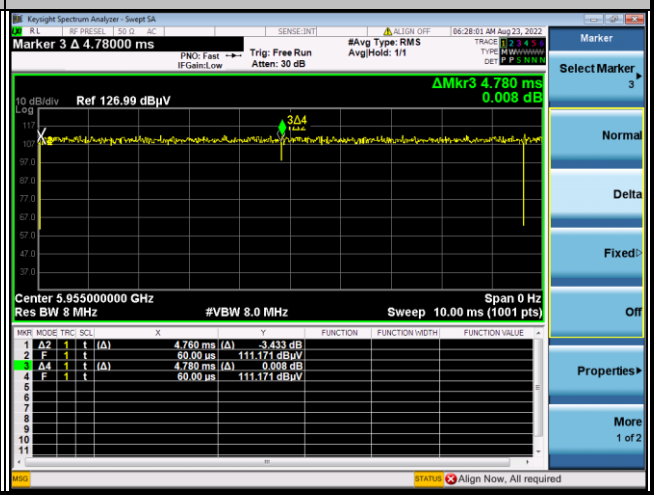
<SDM Mode>

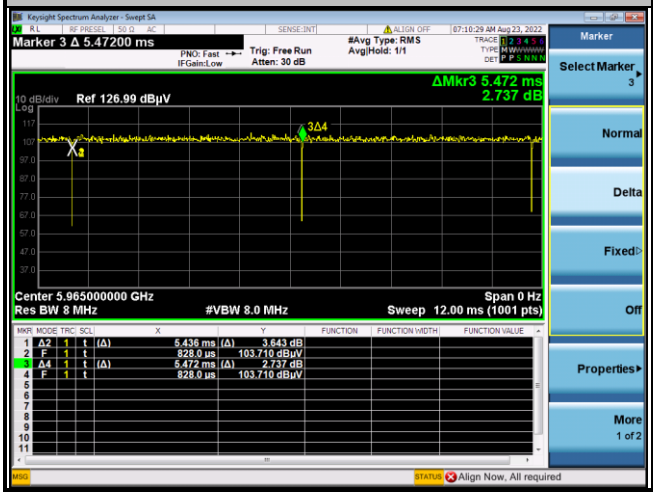
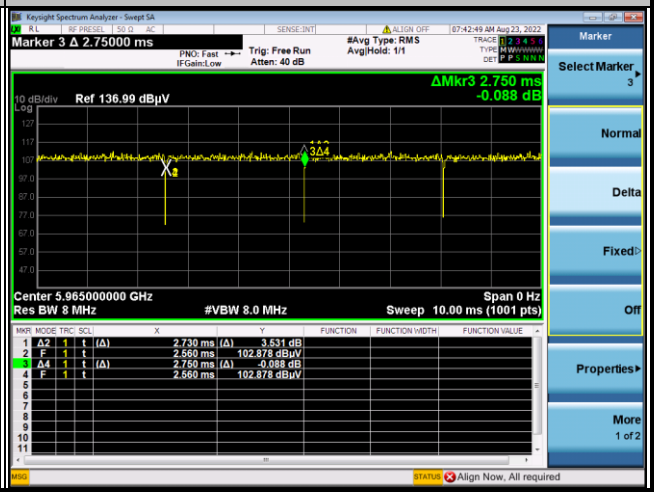
<Sample 2>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
9+8	802.11a	98.58	-	-	10Hz
9+8	6GHz 802.11ax HE20 Full RU	99.56	-	-	10Hz
9+8	6GHz 802.11ax HE20 106 RU	99.58	-	-	10Hz
9+8	6GHz 802.11ax HE40 Full RU	99.34	-	-	10Hz
9+8	6GHz 802.11ax HE40 242 RU	99.27	-	-	10Hz
9+8	6GHz 802.11ax HE80 Full RU	99.12	-	-	10Hz
9+8	6GHz 802.11ax HE80 484 RU	98.94	-	-	10Hz
9+8	6GHz 802.11ax HE160 Full RU	100.00	-	-	10Hz
9+8	6GHz 802.11ax HE160 996 RU	98.91	-	-	10Hz

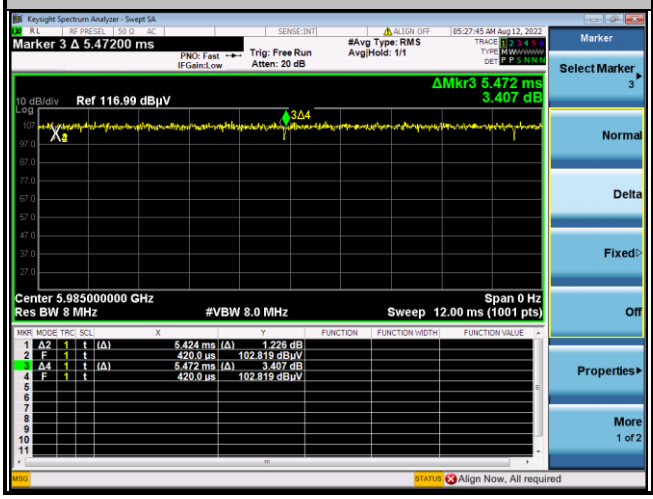
MIMO <Ant. 9+8>

802.11a	-
	-

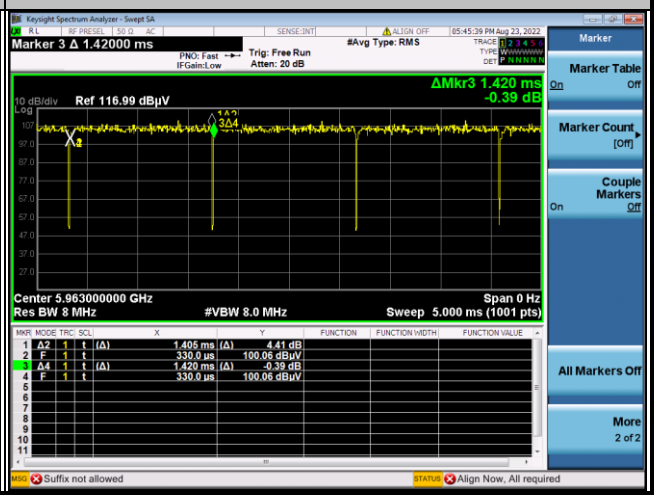
802.11ax HE20 Full RU	802.11ax HE20 106 RU
	

802.11ax HE40 Full RU	802.11ax HE40 242 RU
	

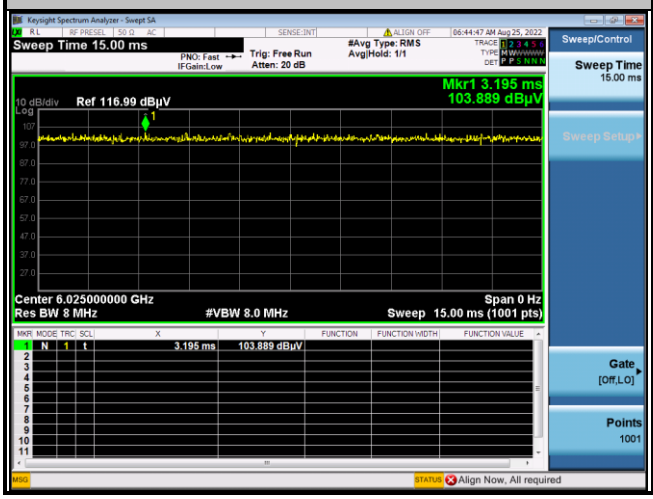
802.11ax HE80 Full RU



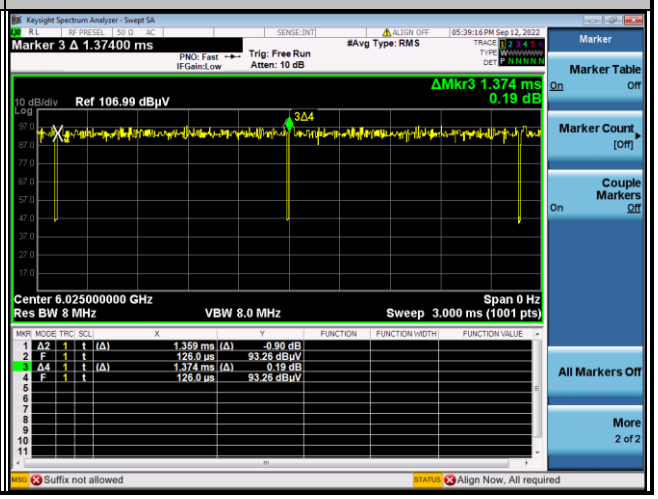
802.11ax HE80 484 RU



802.11ax HE160 Full RU



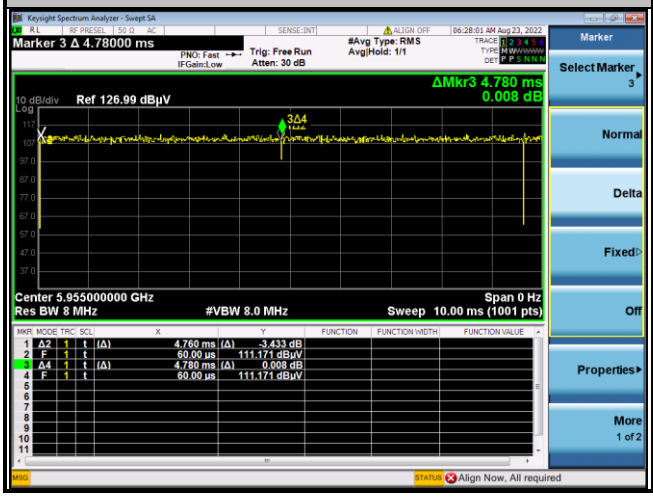
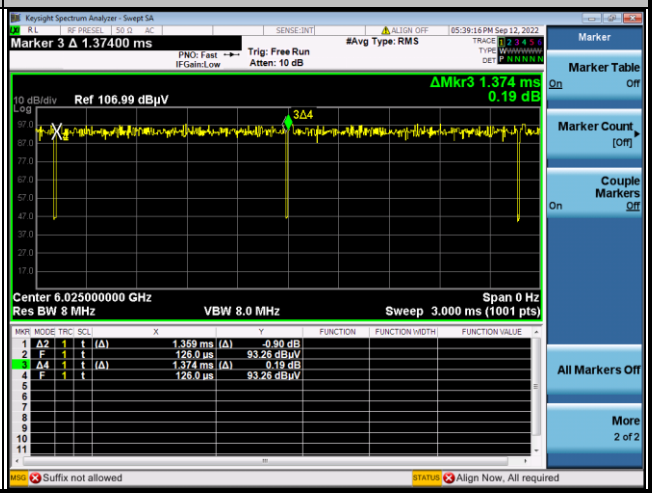
802.11ax HE160 996 RU



<Sample 1>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
9+8	6GHz 802.11ax HE20 106 RU	99.58	-	-	10Hz
9+8	6GHz 802.11ax HE160 996 RU	98.91	-	-	10Hz

802.11ax HE20 06 RU



802.11ax HE160 996 RU