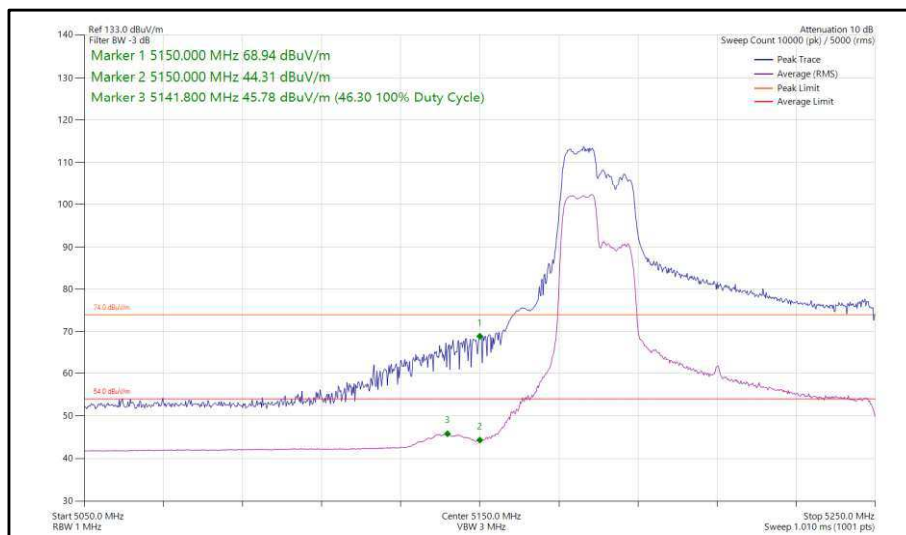
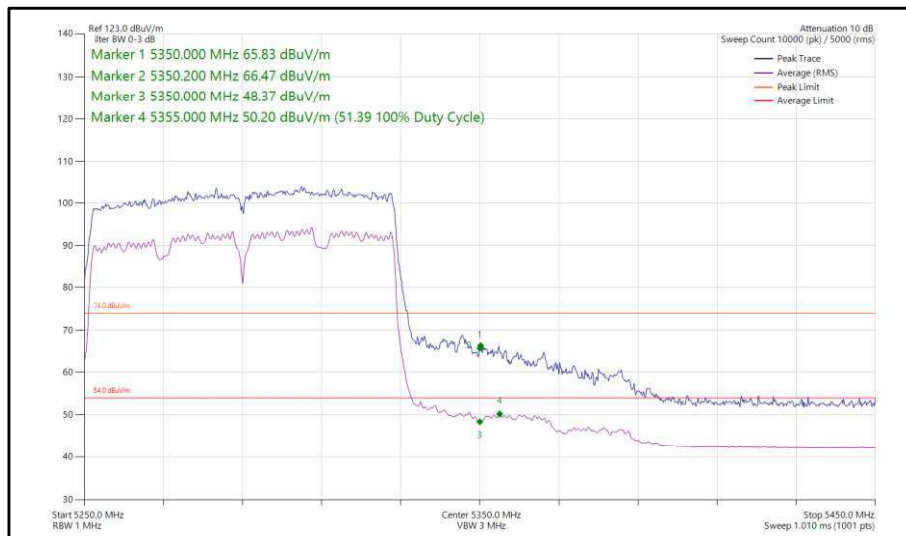


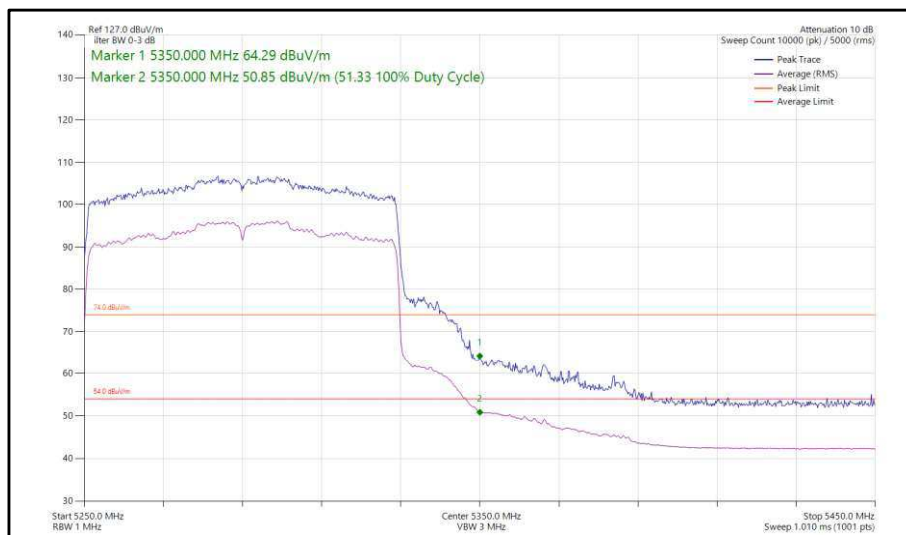
**Figure 113 - 802.11ax, HE80, SU, SDM, Core 0-1 - 5210 MHz,  
Band Edge Frequency 5150 MHz**



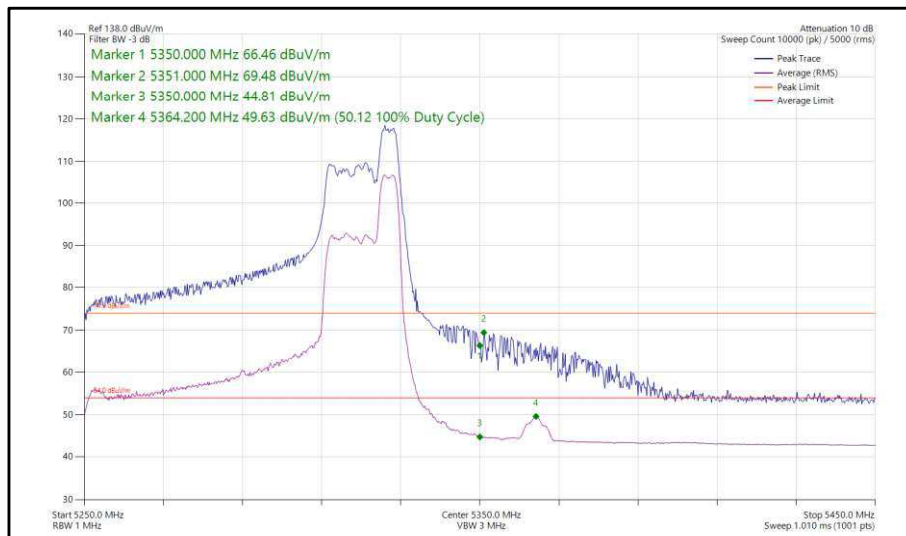
**Figure 114 - 802.11ax, HE80, RU 106-53, SDM, Core 0-1 - 5210 MHz,  
Band Edge Frequency 5150 MHz**



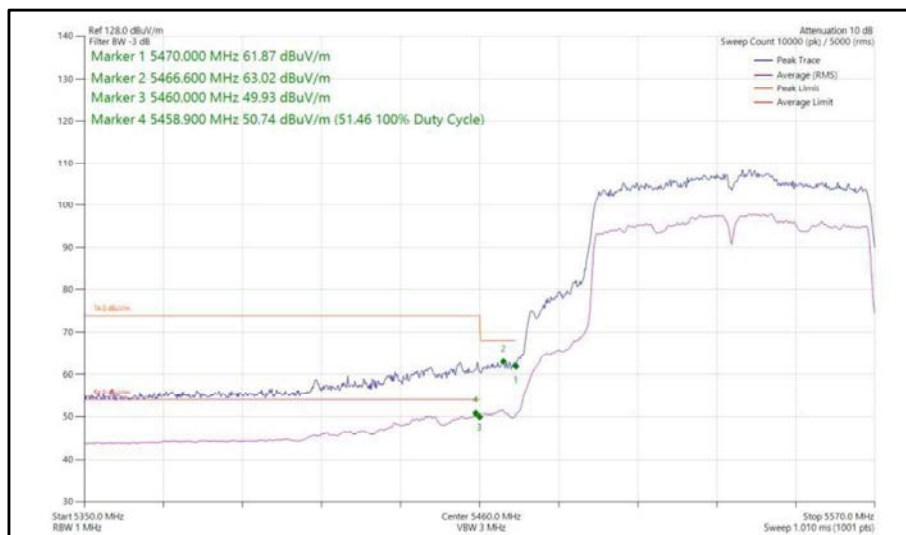
**Figure 115 - 802.11ac, VHT80, SDM, Core 0-1 - 5290 MHz,  
Band Edge Frequency 5350 MHz**



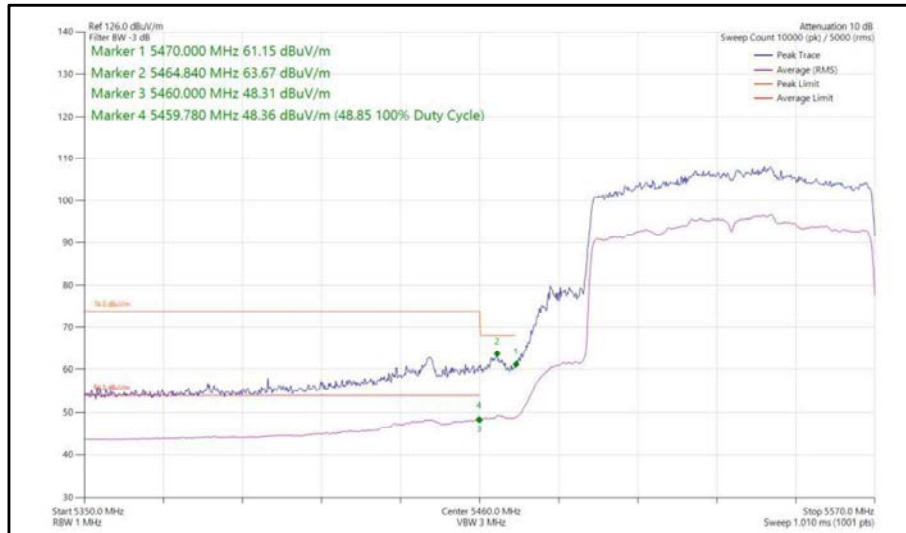
**Figure 116 - 802.11ax, HE80, SU, SDM, Core 0-1 - 5290 MHz,  
Band Edge Frequency 5350 MHz**



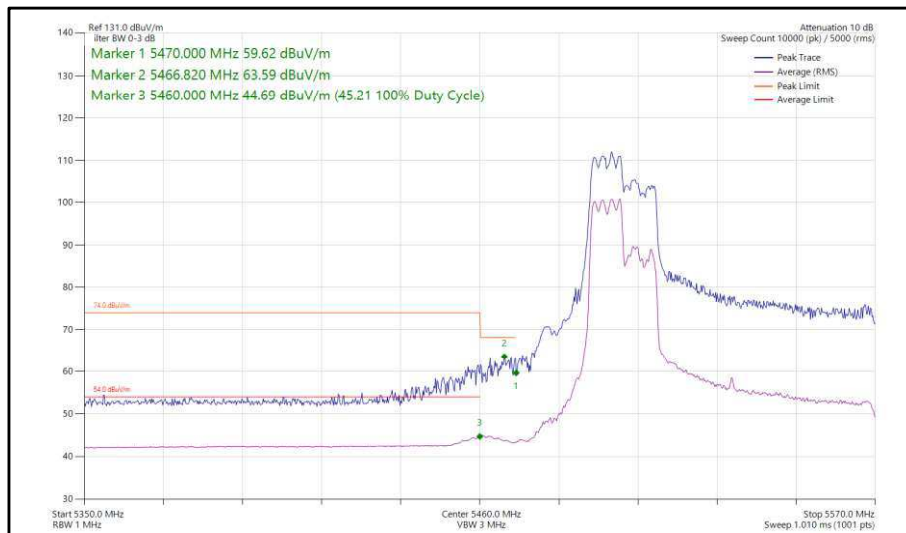
**Figure 117 - 802.11ax, HE80, RU 52-52, SDM, Core 0-1 - 5290 MHz,  
Band Edge Frequency 5350 MHz**



**Figure 118 - 802.11ac, VHT80, SDM, Core 0-1 - 5530 MHz,  
Band Edge Frequency 5460 MHz**



**Figure 119 - 802.11ax, HE80, SU, SDM, Core 0-1 - 5530 MHz, Band Edge Frequency 5460 MHz**



**Figure 120 - 802.11ax, HE80, RU 106-53, SDM, Core 0-1 - 5530 MHz, Band Edge Frequency 5460 MHz**



80 MHz Bandwidth - Core 0-1 (TxBF)

Mode	Data Rate/MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ac VHT80	MCS4x1	-	-	5210	5150	63.41	51.49
802.11ac VHT80	MCS4x1	-	-	5290	5350	65.55	51.44
802.11ac VHT80	MCS2x1	-	-	5530	5460	63.67	48.88

Table 20 - TxBF Restricted Band Edge Results

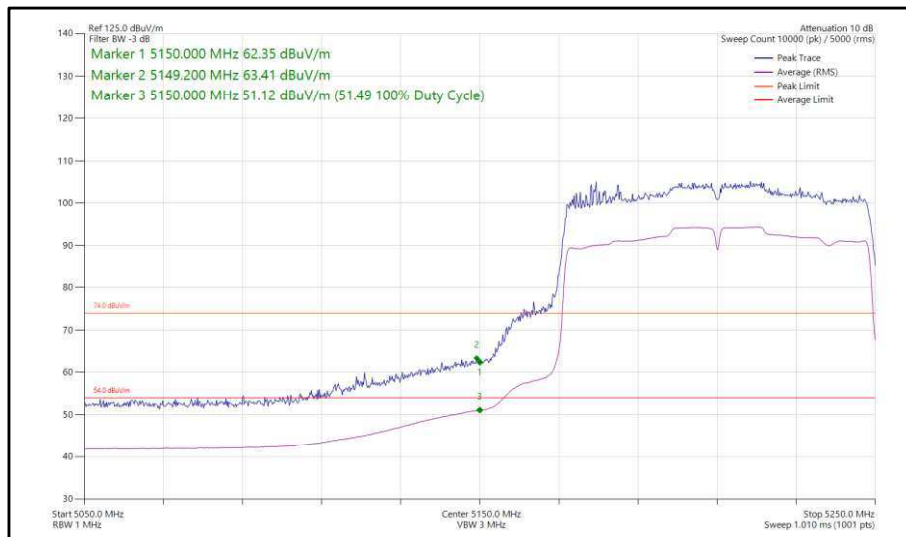


Figure 121 - 802.11ac, VHT80, TxBF, Core 0-1 - 5210 MHz, Band Edge Frequency 5150 MHz

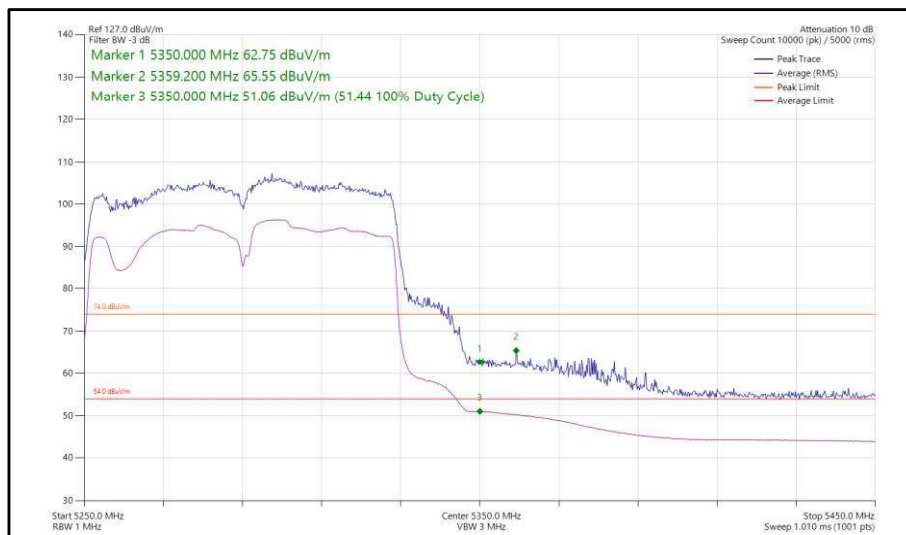
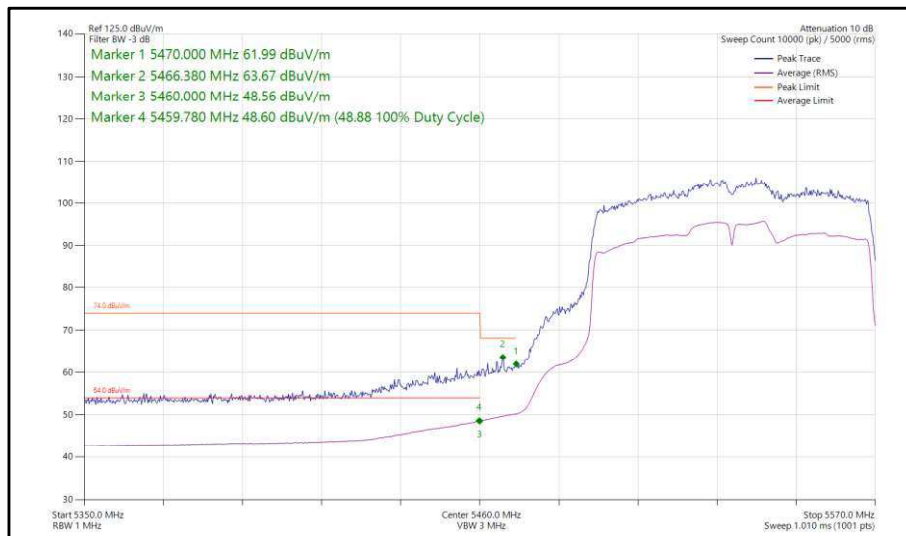


Figure 122 - 802.11ac, VHT80, TxBF, Core 0-1 - 5290 MHz, Band Edge Frequency 5350 MHz



**Figure 123 - 802.11ac, VHT80, TxBF, Core 0-1 - 5530 MHz,  
Band Edge Frequency 5460 MHz**



160 MHz Bandwidth - Core 0 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ac VHT160	MCS4x1	-	-	5250	5150	63.29	51.40
802.11ax HE160	MCS2x1	SU	-	5250	5150	62.75	51.31
802.11ax HE160	MCS11x1	106	53	5250	5150	69.43	46.62
802.11ac VHT160	MCS8x1	-	-	5250	5350	63.38	51.36
802.11ax HE160	MCS4x1	SU	-	5250	5350	62.74	51.03
802.11ax HE160	MCS11x1	52	52	5250	5350	69.22	45.19
802.11ac VHT160	MCS2x1	-	-	5570	5460	61.16	51.40
802.11ax HE160	MCS11x1	SU	-	5570	5460	63.66	50.36
802.11ax HE160	MCS11x1	106	53	5570	5460	63.46	45.96

Table 21 - SISO Restricted Band Edge Results

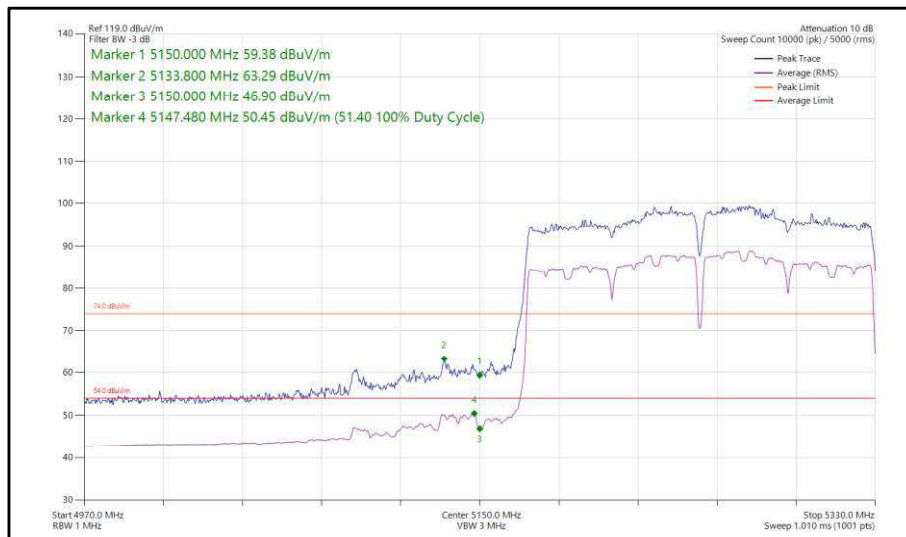
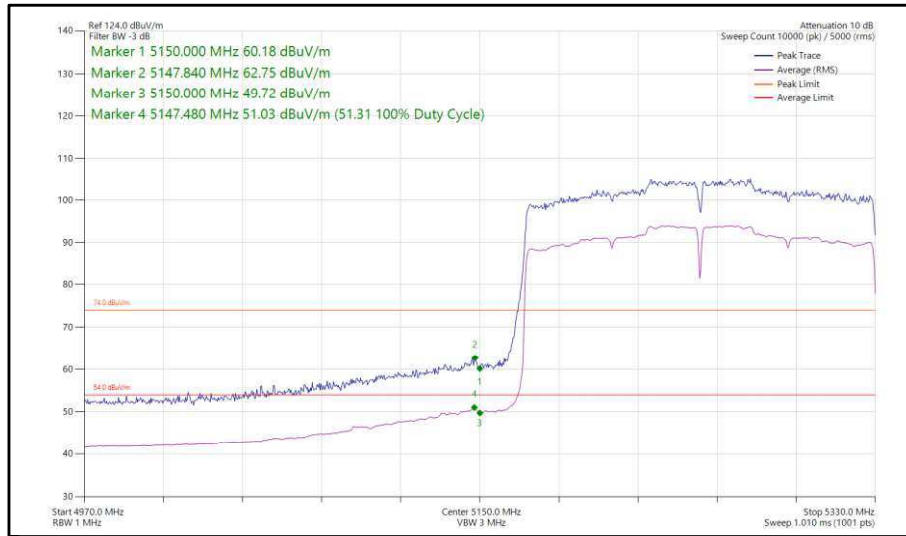
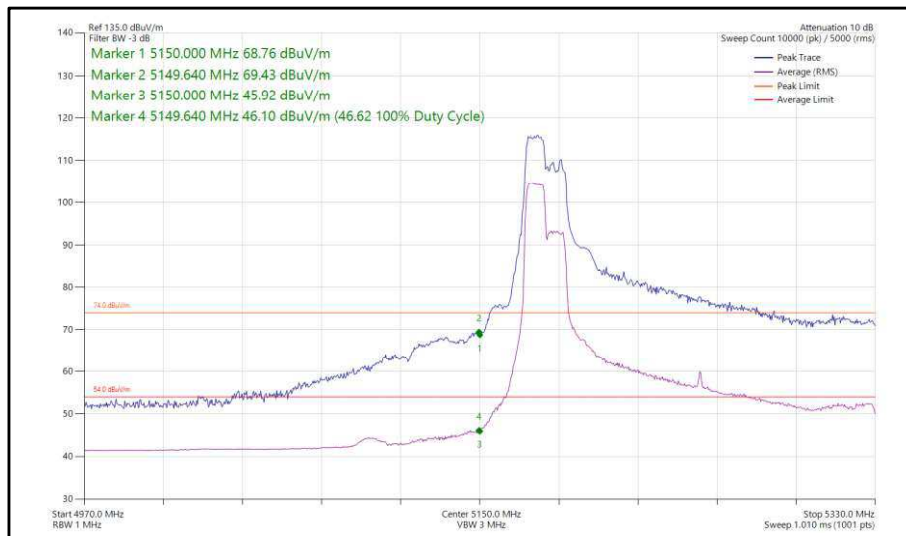


Figure 124 - 802.11ac, VHT160, SISO, Core 0 - 5250 MHz,  
 Band Edge Frequency 5150 MHz

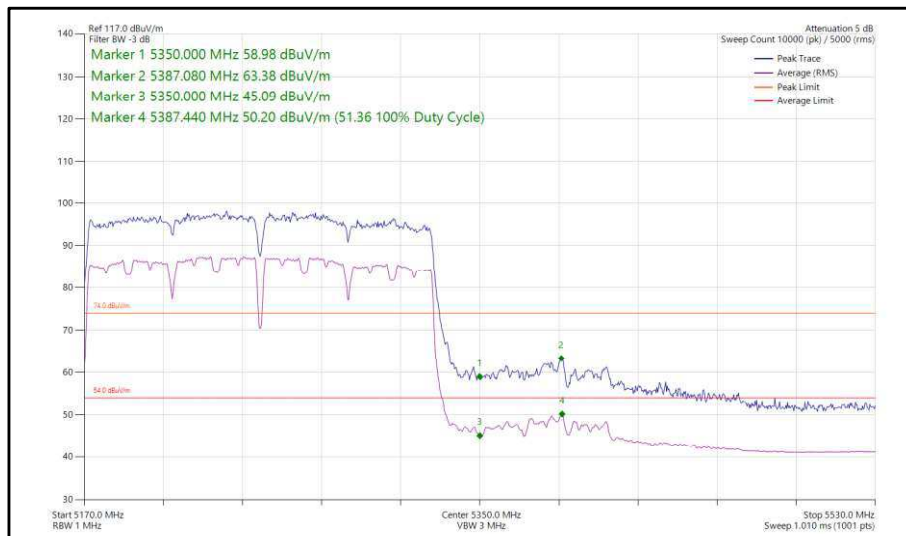


**Figure 125 - 802.11ax, HE160, SU, SISO, Core 0 - 5250 MHz,  
Band Edge Frequency 5150 MHz**

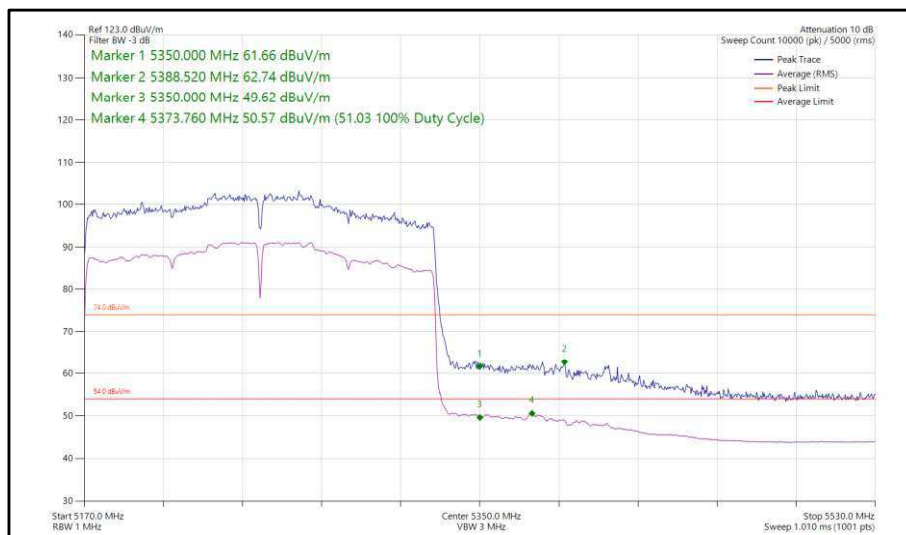


**Figure 126 - 802.11ax, HE160, RU 106-53, SISO, Core 0 - 5250 MHz,  
Band Edge Frequency 5150 MHz**

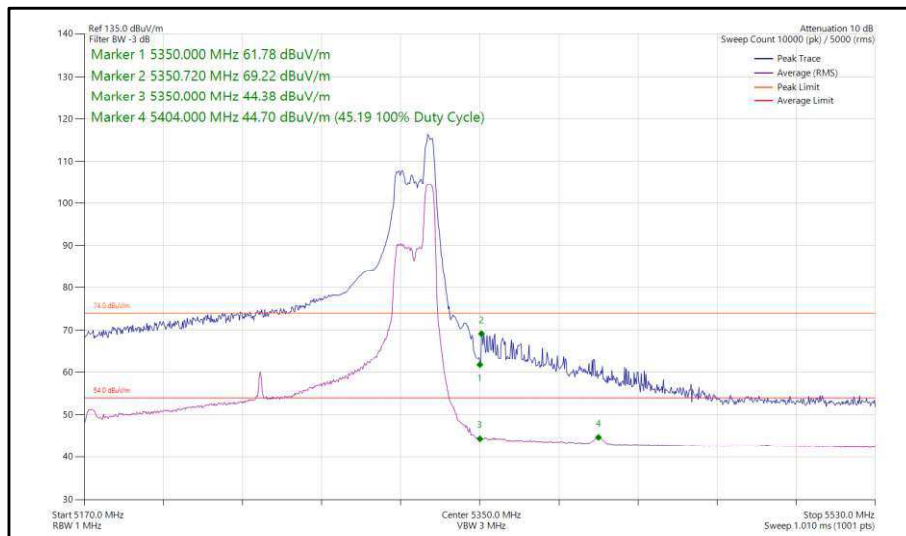




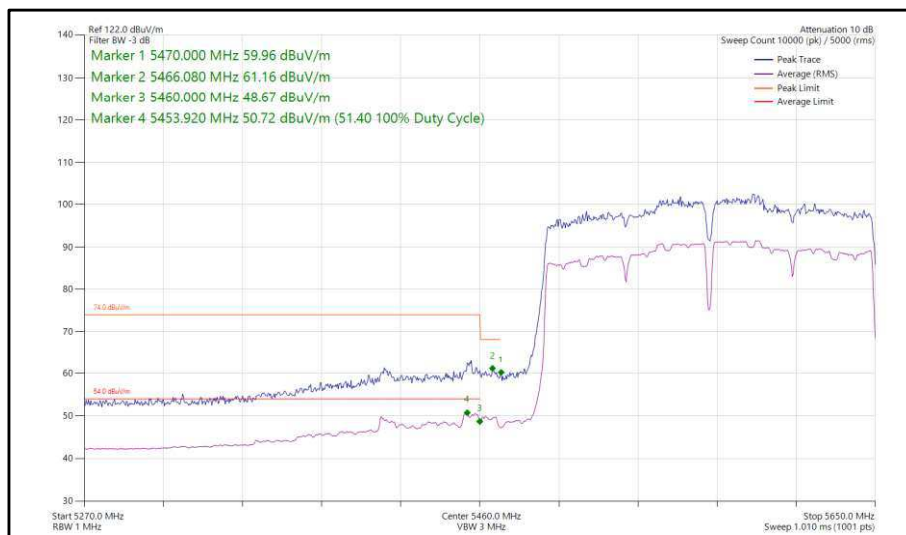
**Figure 127 - 802.11ac, VHT160, SISO, Core 0 - 5250 MHz,  
Band Edge Frequency 5350 MHz**



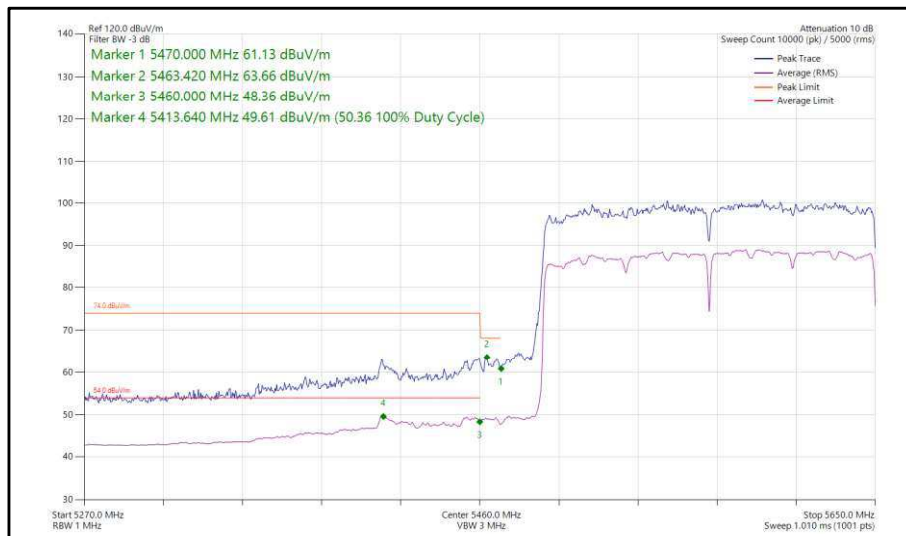
**Figure 128 - 802.11ax, HE160, SU, SISO, Core 0 - 5250 MHz,  
Band Edge Frequency 5350 MHz**



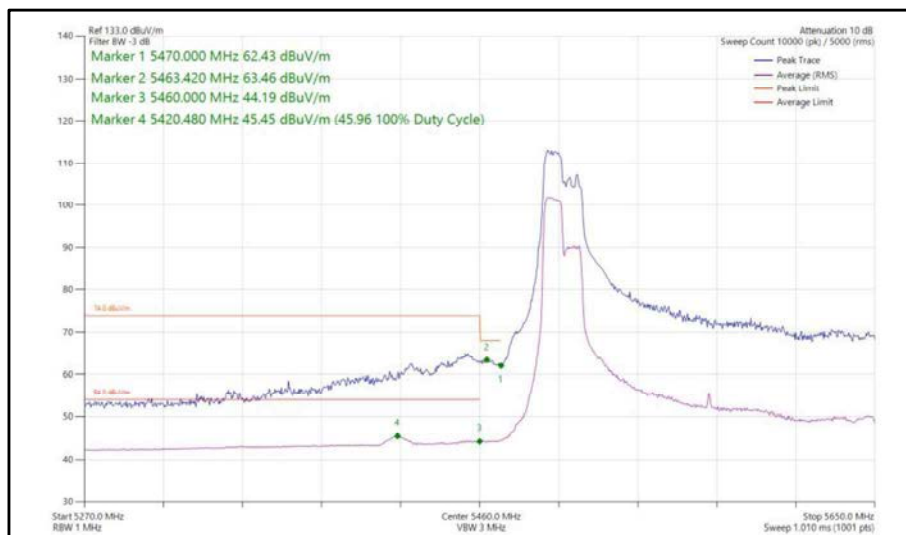
**Figure 129 - 802.11ax, HE160, RU 52-52, SISO, Core 0 - 5250 MHz, Band Edge Frequency 5350 MHz**



**Figure 130 - 802.11ac, VHT160, SISO, Core 0 - 5570 MHz, Band Edge Frequency 5460 MHz**



**Figure 131 - 802.11ax, HE160, SU, SISO, Core 0 - 5570 MHz,  
Band Edge Frequency 5460 MHz**



**Figure 132 - 802.11ax, HE160, RU 106-53, SISO, Core 0 - 5570 MHz,  
Band Edge Frequency 5460 MHz**



160 MHz Bandwidth - Core 1 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ac VHT160	MCS4x1	-	-	5250	5150	62.36	51.44
802.11ax HE160	MCS2x1	SU	-	5250	5150	64.29	51.46
802.11ax HE160	MCS11x1	106	53	5250	5150	68.84	46.57
802.11ac VHT160	MCS2x1	-	-	5250	5350	62.50	51.47
802.11ax HE160	MCS2x1	SU	-	5250	5350	62.66	51.22
802.11ax HE160	MCS11x1	106	60	5250	5350	69.47	49.04
802.11ac VHT160	MCS8x1	-	-	5570	5460	62.24	51.48
802.11ax HE160	MCS11x1	SU	-	5570	5460	63.65	49.74
802.11ax HE160	MCS11x1	106	53	5570	5460	63.69	44.81

Table 22 - SISO Restricted Band Edge Results

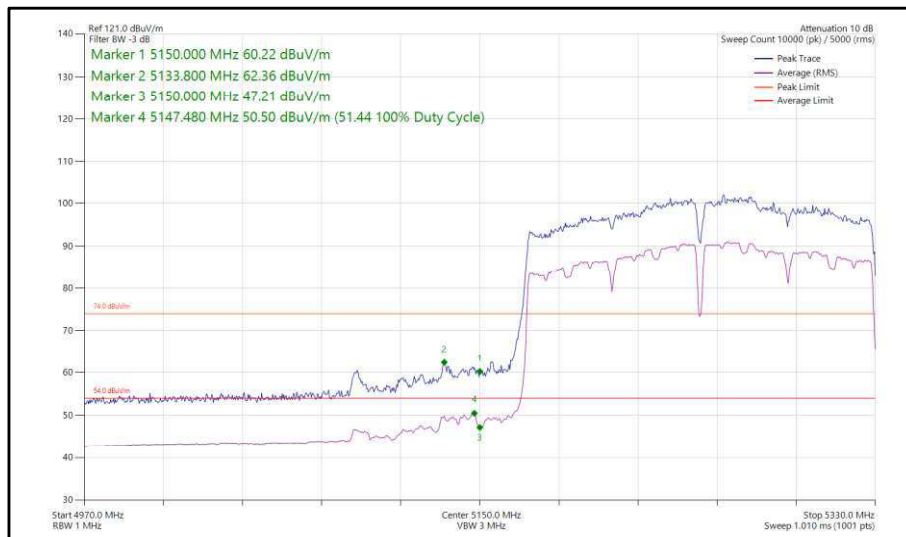
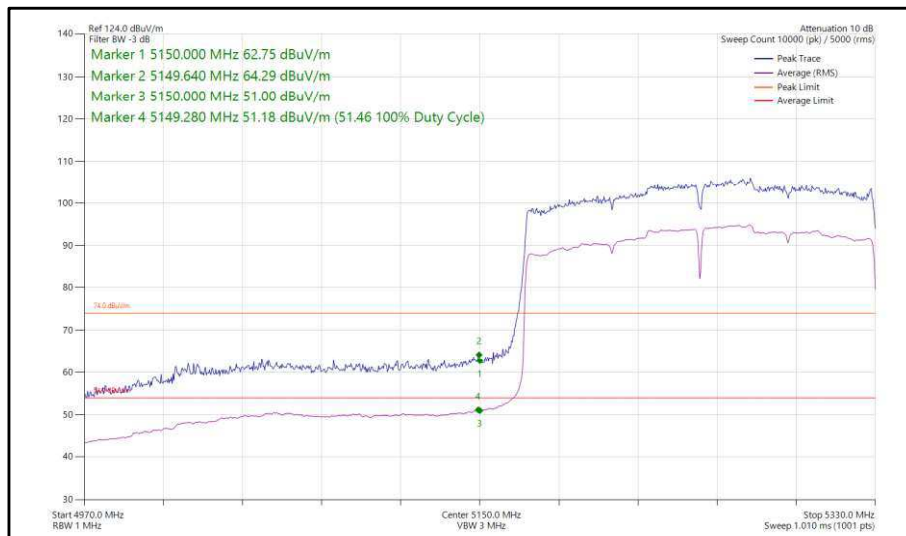
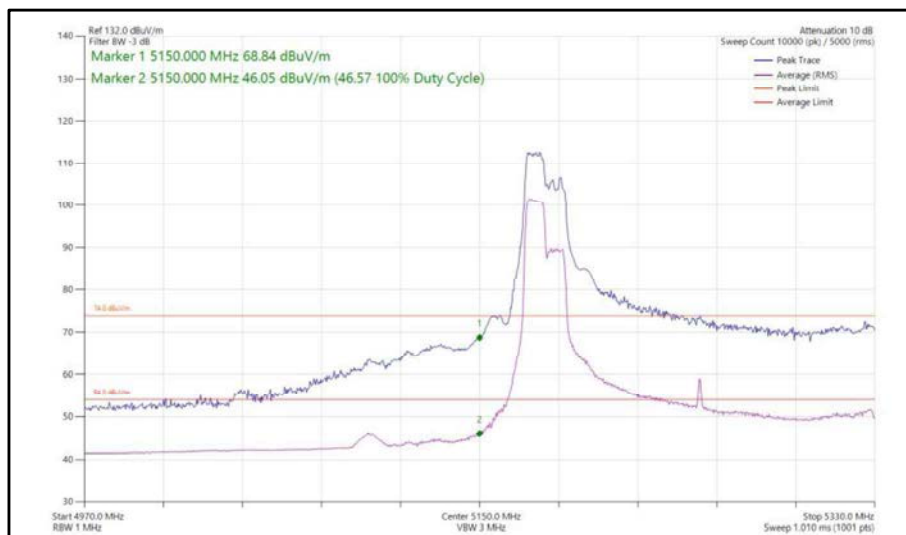


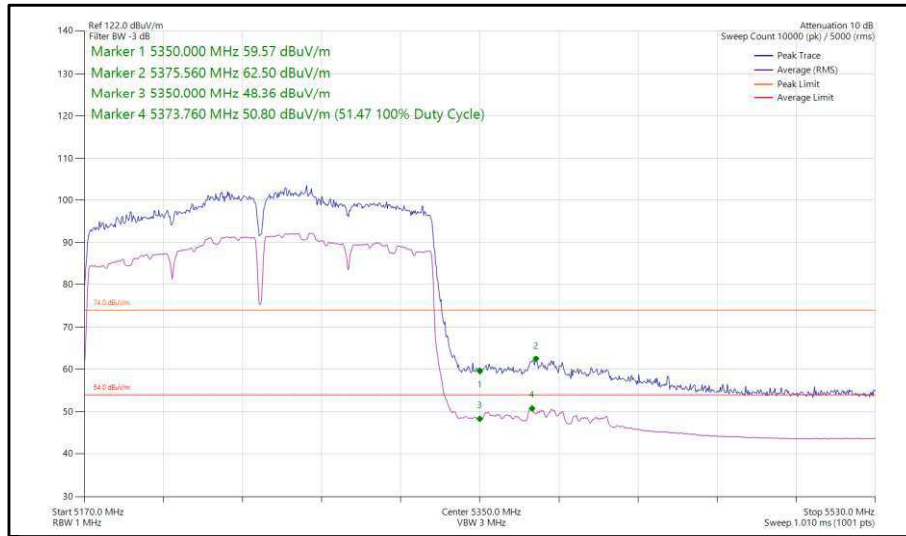
Figure 133 - 802.11ac, VHT160, SISO, Core 1 - 5250 MHz,  
 Band Edge Frequency 5150 MHz



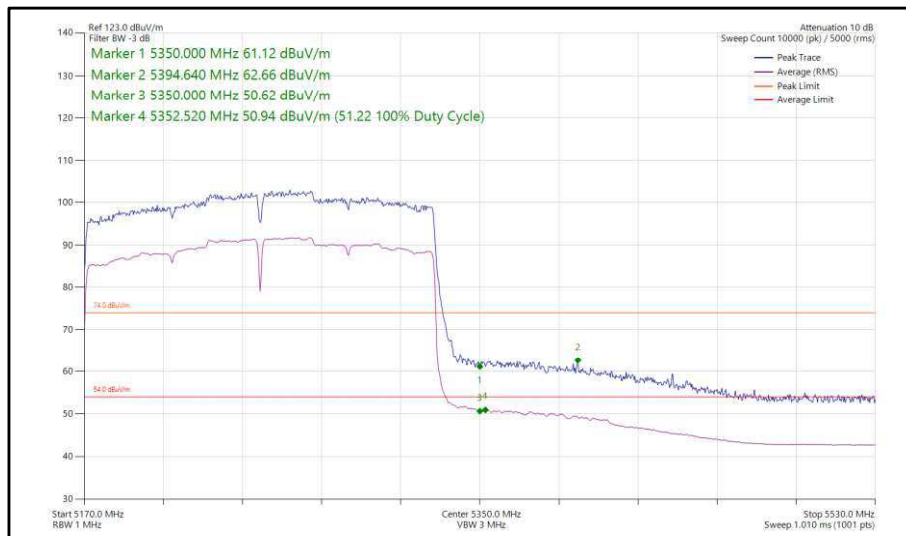
**Figure 134 - 802.11ax, HE160, SU, SISO, Core 1 - 5250 MHz,  
Band Edge Frequency 5150 MHz**



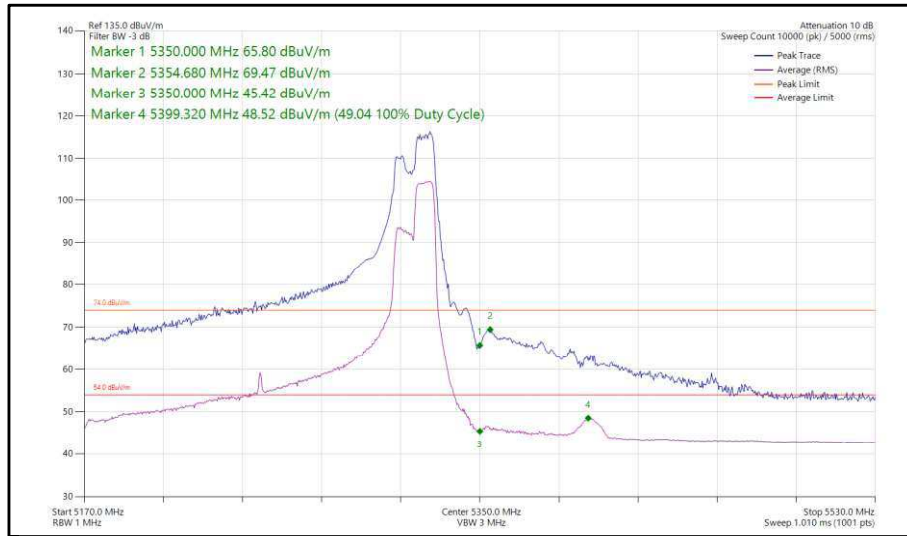
**Figure 135 - 802.11ax, HE160, RU 106-53, SISO, Core 1 - 5250 MHz,  
Band Edge Frequency 5150 MHz**



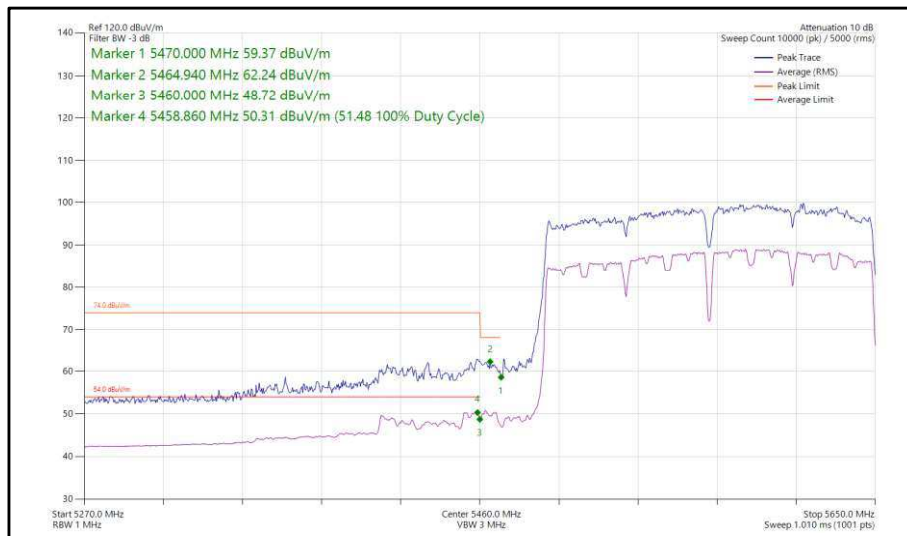
**Figure 136 - 802.11ac, VHT160, SISO, Core 1 - 5250 MHz,  
Band Edge Frequency 5350 MHz**



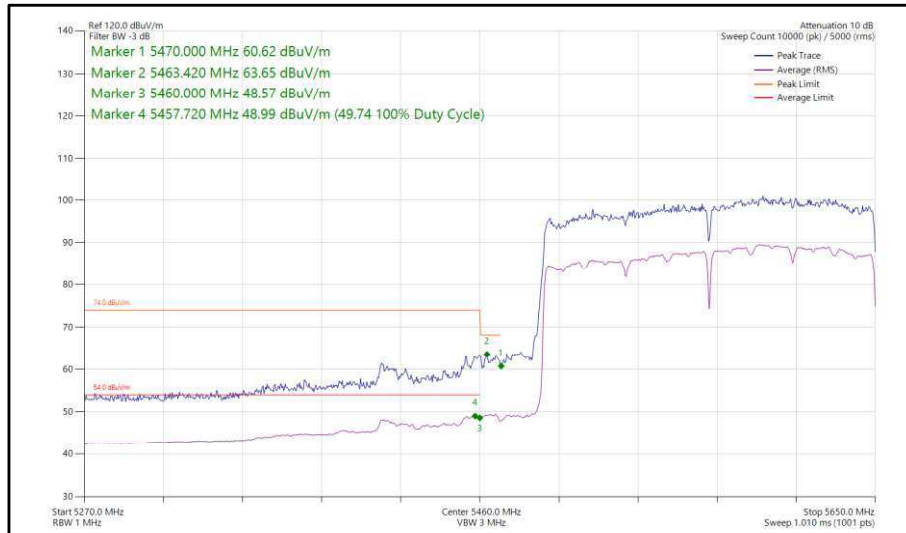
**Figure 137 - 802.11ax, HE160, SU, SISO, Core 1 - 5250 MHz,  
Band Edge Frequency 5350 MHz**



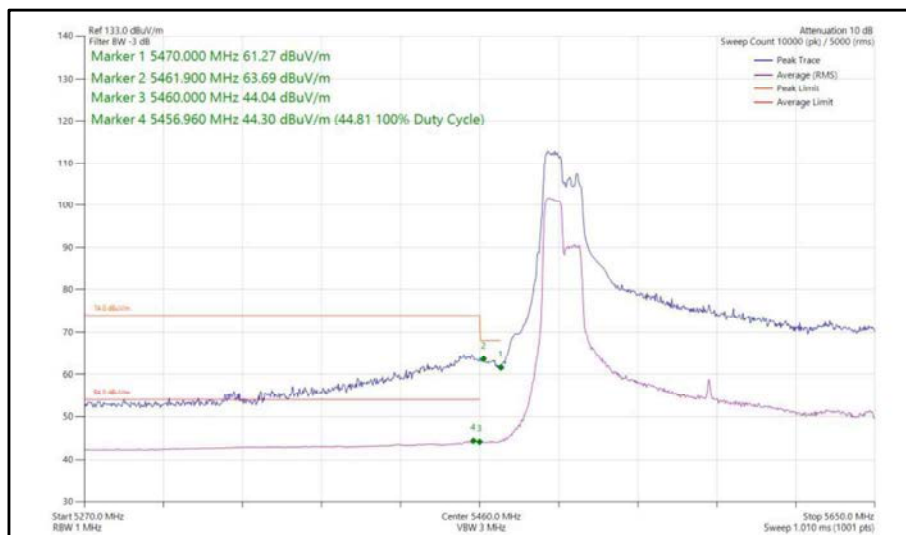
**Figure 138 - 802.11ax, HE160, RU 106-60, SISO, Core 1 - 5250 MHz, Band Edge Frequency 5350 MHz**



**Figure 139 - 802.11ac, VHT160, SISO, Core 1 - 5570 MHz, Band Edge Frequency 5460 MHz**



**Figure 140 - 802.11ax, HE160, SU, SISO, Core 1 - 5570 MHz,  
Band Edge Frequency 5460 MHz**



**Figure 141 - 802.11ax, HE160, RU 106-53, SISO, Core 1 - 5570 MHz,  
Band Edge Frequency 5460 MHz**





160 MHz Bandwidth - Core 0-1 (CDD)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ac VHT160	MCS2x1	-	-	5250	5150	61.83	51.34
802.11ax HE160	MCS11x1	SU	-	5250	5150	65.78	51.42
802.11ax HE160	MCS11x1	106	53	5250	5150	68.59	46.81
802.11ac VHT160	MCS4x1	-	-	5250	5350	64.41	51.50
802.11ax HE160	MCS2x1	SU	-	5250	5350	62.71	51.32
802.11ax HE160	MCS11x1	52	52	5250	5350	67.97	51.48
802.11ac VHT160	MCS4x1	-	-	5570	5460	62.61	51.25
802.11ax HE160	MCS2x1	SU	-	5570	5460	63.04	51.44
802.11ax HE160	MCS11x1	106	53	5570	5460	62.54	45.47

Table 23 - CDD Restricted Band Edge Results

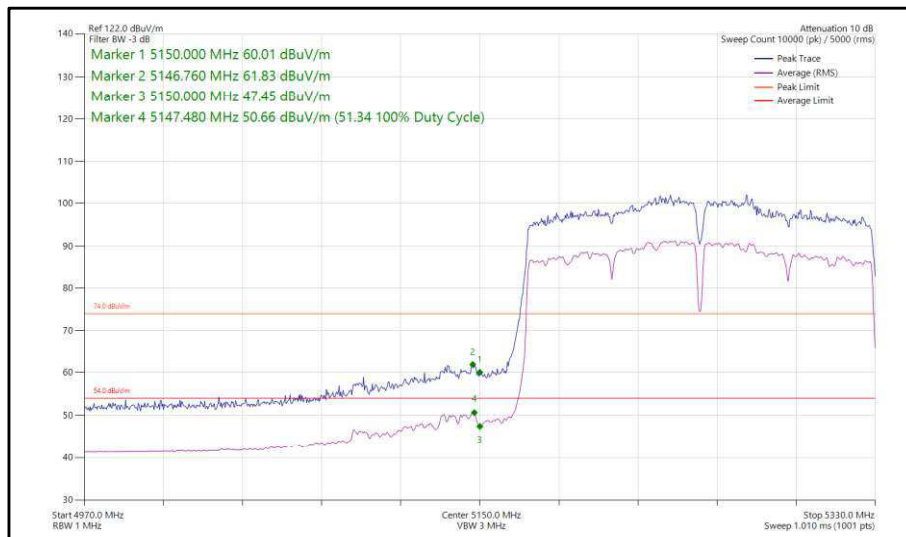
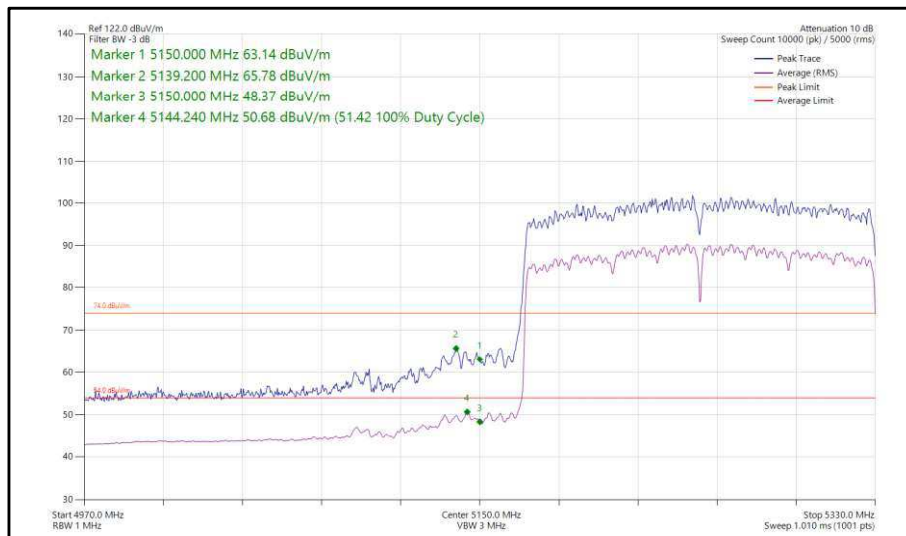
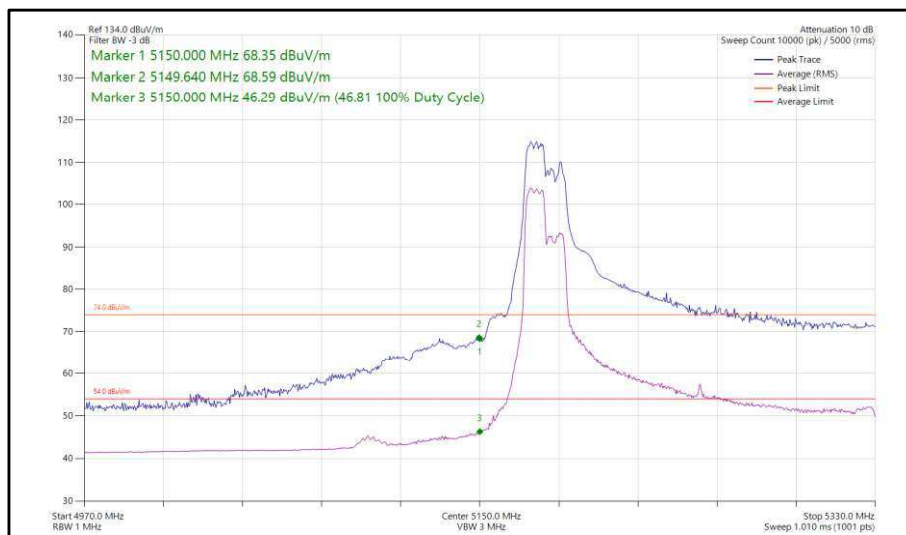


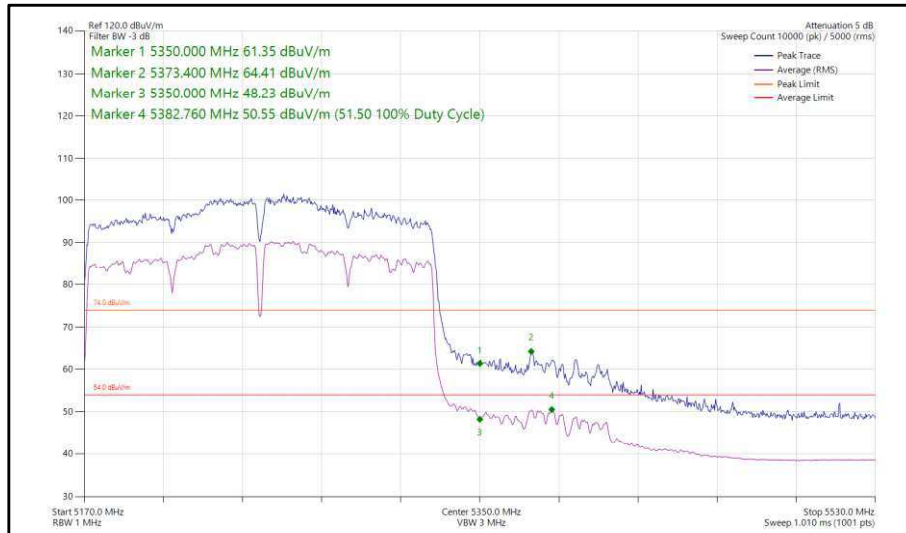
Figure 142 - 802.11ac, VHT160, CDD, Core 0-1 - 5250 MHz, Band Edge Frequency 5150 MHz



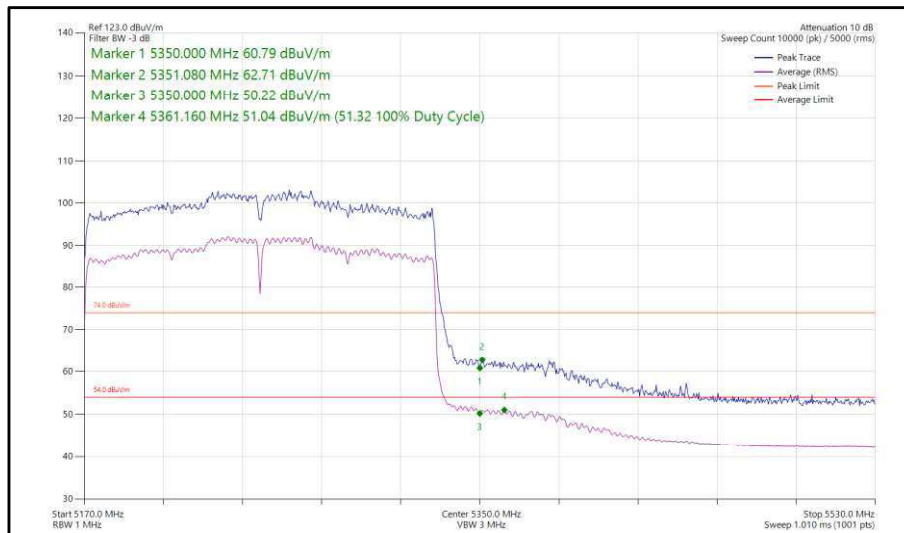
**Figure 143 - 802.11ax, HE160, SU, CDD, Core 0-1 - 5250 MHz, Band Edge Frequency 5150 MHz**



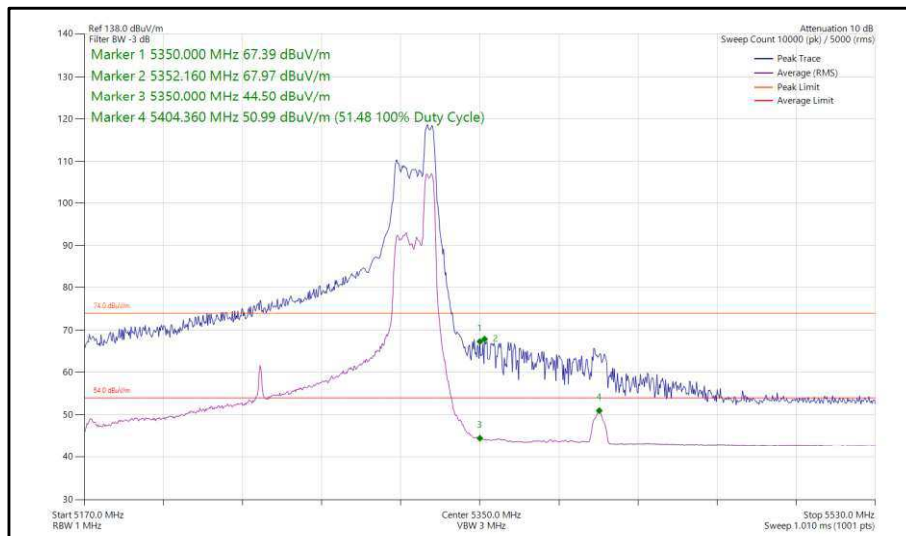
**Figure 144 - 802.11ax, HE160, RU 106-53, CDD, Core 0-1 - 5250 MHz, Band Edge Frequency 5150 MHz**



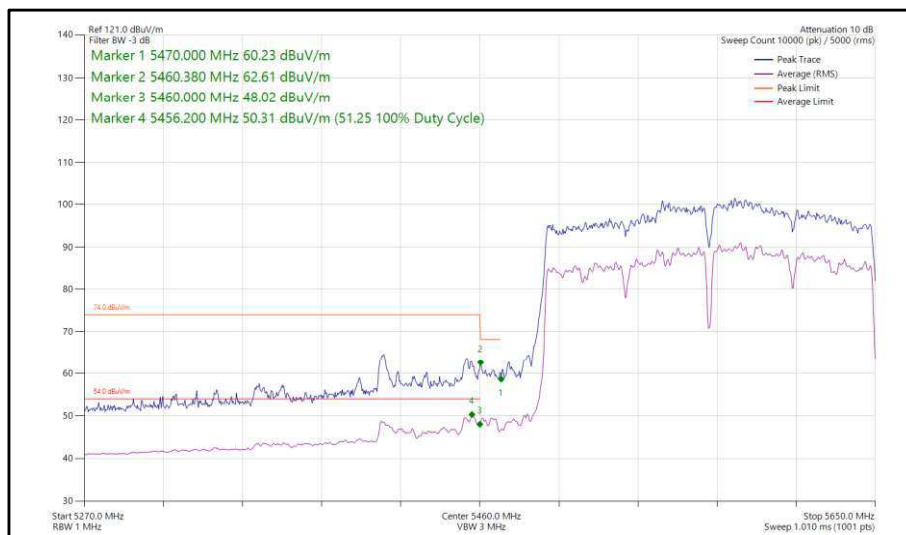
**Figure 145 - 802.11ac, VHT160, CDD, Core 0-1 - 5250 MHz,  
Band Edge Frequency 5350 MHz**



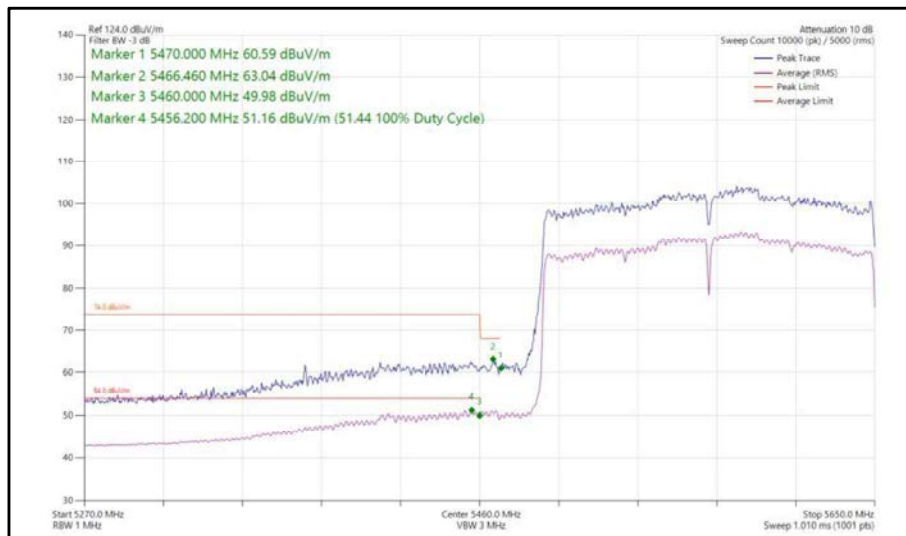
**Figure 146 - 802.11ax, HE160, SU, CDD, Core 0-1 - 5250 MHz,  
Band Edge Frequency 5350 MHz**



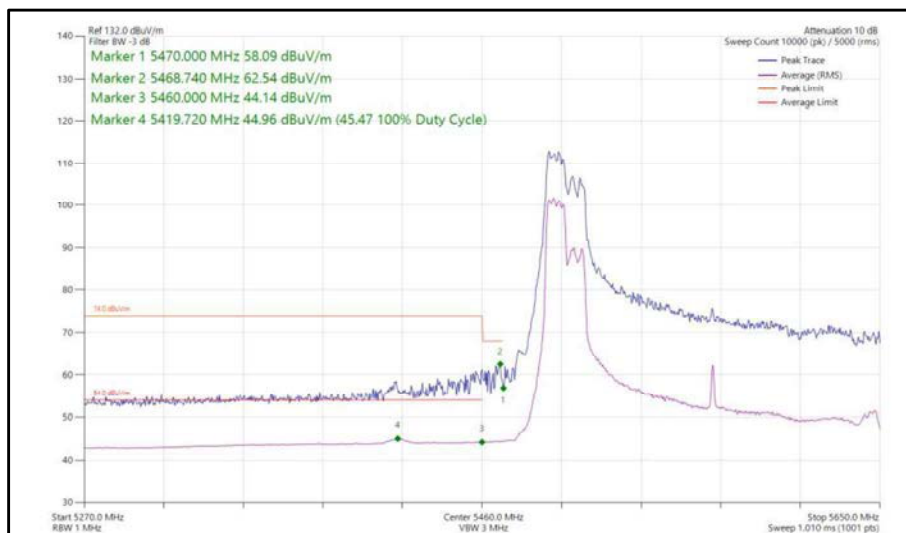
**Figure 147 - 802.11ax, HE160, RU 52-52, CDD, Core 0-1 - 5250 MHz, Band Edge Frequency 5350 MHz**



**Figure 148 - 802.11ac, VHT160, CDD, Core 0-1 - 5570 MHz, Band Edge Frequency 5460 MHz**



**Figure 149 - 802.11ax, HE160, SU, CDD, Core 0-1 - 5570 MHz, Band Edge Frequency 5460 MHz**



**Figure 150 - 802.11ax, HE160, RU 106-53, CDD, Core 0-1 - 5570 MHz, Band Edge Frequency 5460 MHz**



160 MHz Bandwidth - Core 0-1 (SDM)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ac VHT160	MCS2x2	-	-	5250	5150	61.61	51.48
802.11ax HE160	MCS4x2	SU	-	5250	5150	62.50	51.12
802.11ax HE160	MCS11x2	106	53	5250	5150	68.92	48.08
802.11ac VHT160	MCS8x2	-	-	5250	5350	66.71	51.39
802.11ax HE160	MCS11x2	SU	-	5250	5350	64.28	51.41
802.11ax HE160	MCS11x2	106	60	5250	5350	69.42	46.27
802.11ac VHT160	MCS2x2	-	-	5570	5460	60.88	51.30
802.11ax HE160	MCS11x2	SU	-	5570	5460	61.82	51.49
802.11ax HE160	MCS11x2	106	53	5570	5460	63.28	45.53

Table 24 - SDM Restricted Band Edge Results

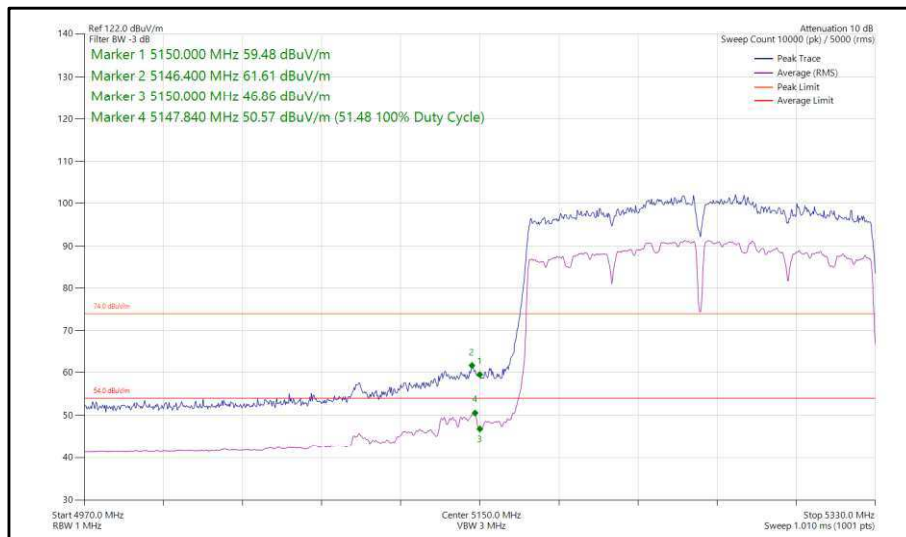
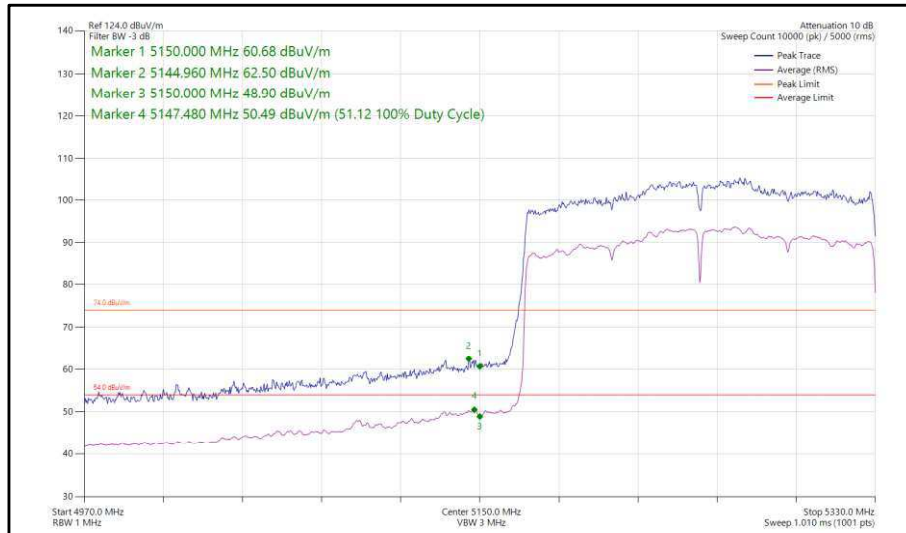
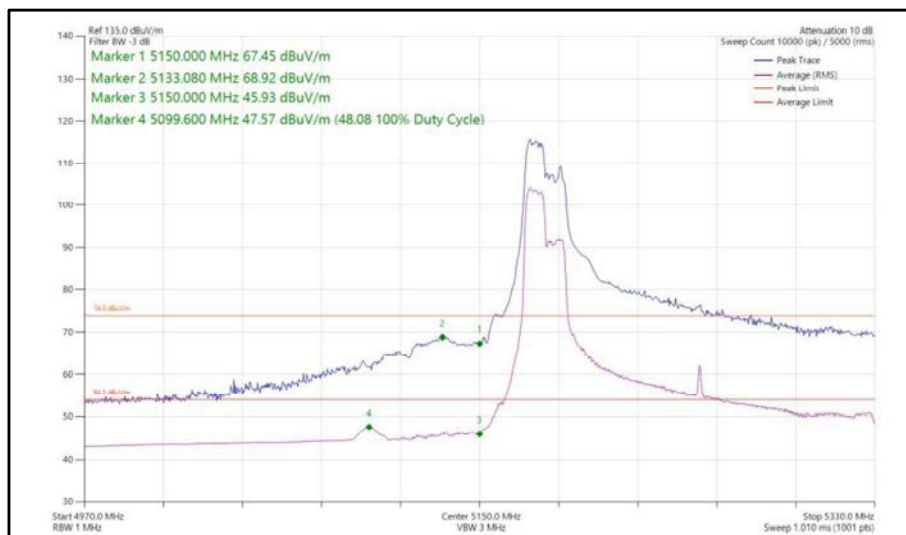


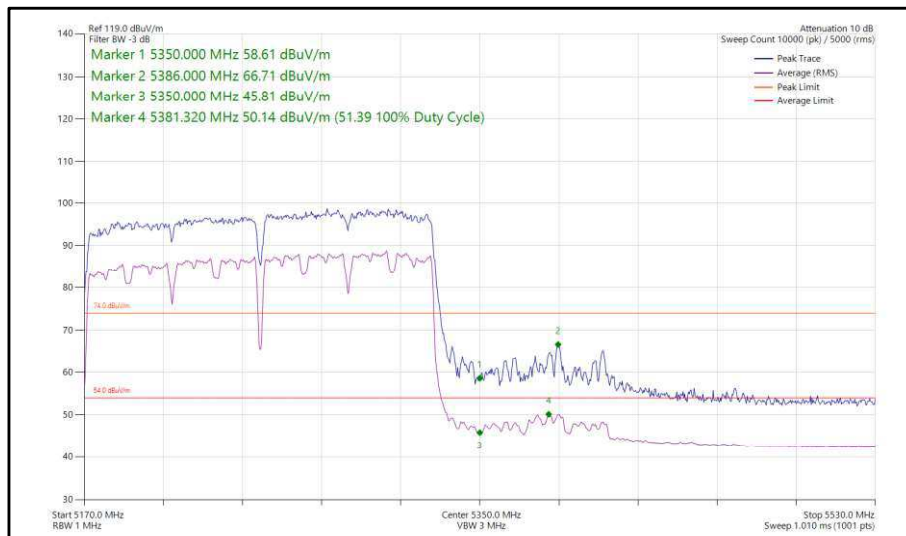
Figure 151 - 802.11ac, VHT160, SDM, Core 0-1 - 5250 MHz, Band Edge Frequency 5150 MHz



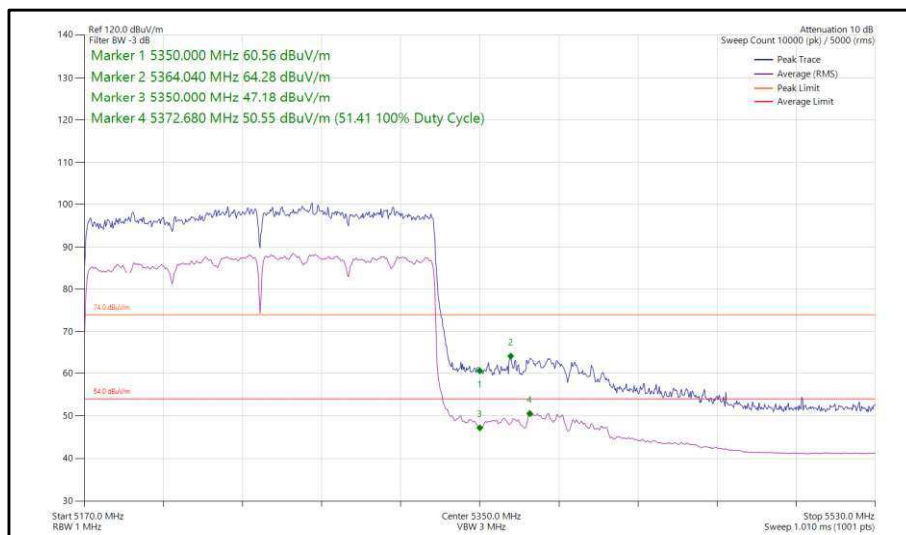
**Figure 152 - 802.11ax, HE160, SU, SDM, Core 0-1 - 5250 MHz,  
Band Edge Frequency 5150 MHz**



**Figure 153 - 802.11ax, HE160, RU 106-53, SDM, Core 0-1 - 5250 MHz,  
Band Edge Frequency 5150 MHz**

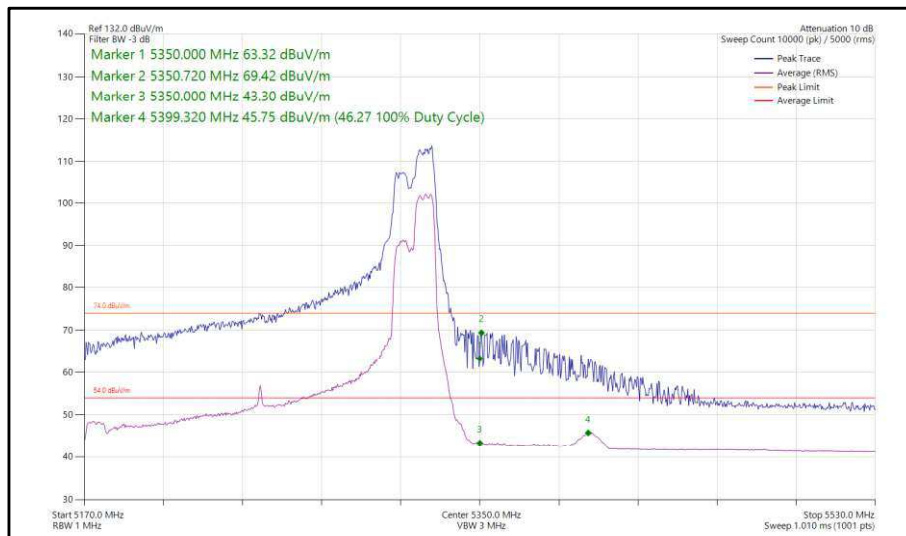


**Figure 154 - 802.11ac, VHT160, SDM, Core 0-1 - 5250 MHz,  
Band Edge Frequency 5350 MHz**

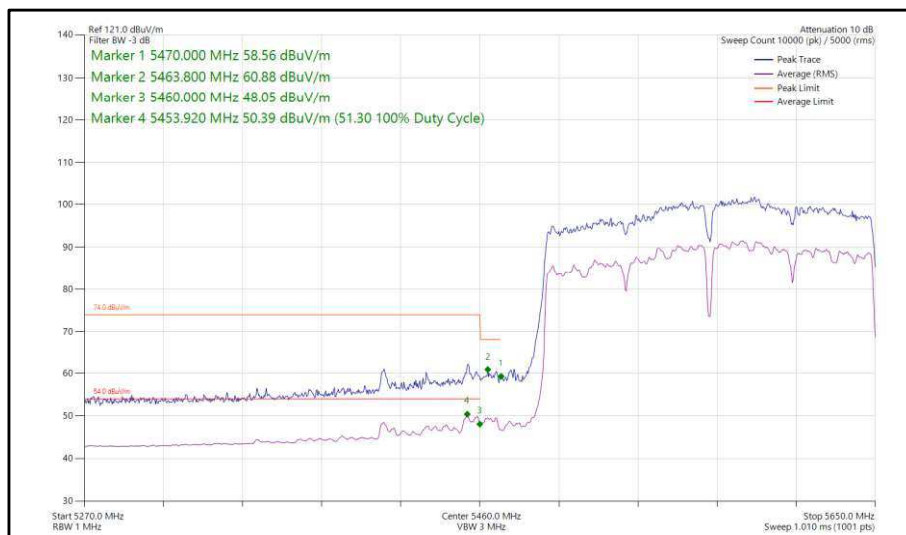


**Figure 155 - 802.11ax, HE160, SU, SDM, Core 0-1 - 5250 MHz,  
Band Edge Frequency 5350 MHz**

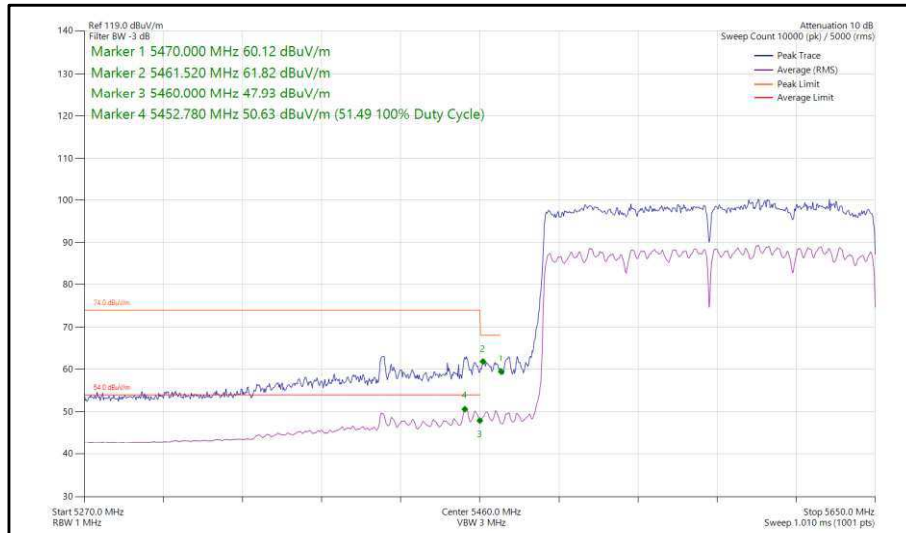




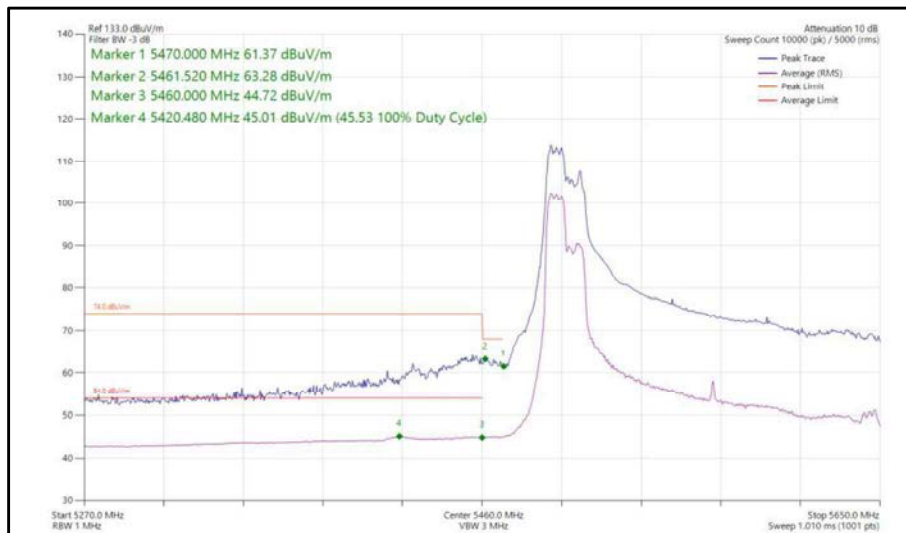
**Figure 156 - 802.11ax, HE160, RU 106-60, SDM, Core 0-1 - 5250 MHz, Band Edge Frequency 5350 MHz**



**Figure 157 - 802.11ac, VHT160, SDM, Core 0-1 - 5570 MHz, Band Edge Frequency 5460 MHz**



**Figure 158 - 802.11ax, HE160, SU, SDM, Core 0-1 - 5570 MHz, Band Edge Frequency 5460 MHz**



**Figure 159 - 802.11ax, HE160, RU 106-53, SDM, Core 0-1 - 5570 MHz, Band Edge Frequency 5460 MHz**

FCC 47 CFR Part 15, Limit Clause 15.205 and ISED RSS-GEN Limit Clause 8.10

	Peak (dBμV/m)	Average (dBμV/m)
Restricted Bands of Operation	74	54

**Table 25 - Restricted Band Edge Limit Table**



**2.1.7 Test Location and Test Equipment Used**

This test was carried out in RF Chamber 16.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.1.10	5125	-	Software
Cable (18GHz)	Junkosha	MWX221-04000NMSNMS/B	5262	12	04-Aug-2023
Cable (18 GHz)	Junkosha	MWX221-04000NMSNMS/B	5263	12	28-Feb-2023
Pre Amp 1 - 26.5 GHz	Agilent Technologies	8449B	5445	12	12-May-2023
1500W (300V 12A) AC Power Supply	iTech	IT7324	5957	-	O/P Mon
3m Semi-Anechoic Chamber	Schaffner	RF Chamber 16	5972	36	24-May-2025
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5973	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5974	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5975	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6018	12	06-Jun-2023
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	26-Jun-2023
Digital Multimeter	Fluke	115	6146	12	16-Jun-2023
Humidity & Temperature meter	R.S Components	1364	6148	12	17-Jun-2023
Coaxial Fixed Attenuator DC-18GHz 5W 10dB	RF-Lambda	RFS5G18B10SMP	6182	12	17-Jul-2023
SAC Switch Unit	TUV SUD	TUV_SSU_001	6190	12	16-Dec-2023
EMI Test Receiver	Rohde & Schwarz	ESW44	6294	12	03-Nov-2023

**Table 26**

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment



## **2.2 Emission Bandwidth**

### **2.2.1 Specification Reference**

FCC 47 CFR Part 15E, Clause 15.407 (a)  
ISED RSS-247, Clause 6.2

### **2.2.2 Equipment Under Test and Modification State**

A2901, S/N: PXC62W93WY - Modification State 0

### **2.2.3 Date of Test**

06-April-2023 to 14-April-2023

### **2.2.4 Test Method**

The test was performed in accordance with ANSI C63.10 (2020), clause 12.5.1 and 12.5.2 and ISED RSS-GEN, clause 4.6.1 and 4.6.2.

For modes of operation using multiple cores, measurements were made on each core but only the worst case results are reported. Worst case was considered as the narrowest results for 6 dB bandwidth and the widest result for 26 dB bandwidth and 99% occupied bandwidth.

### **2.2.5 Environmental Conditions**

Ambient Temperature	21.3 - 22.3 °C
Relative Humidity	37.1 - 41.1 %



**2.2.6 Test Results**

5 GHz WLAN

SISO

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11a	20.760	21.480
802.11n HT20	20.880	22.860
802.11n HT40	41.520	45.240
802.11ac VHT80	85.360	93.500
802.11ac VHT160	165.900	165.900
802.11ax HE20 SU	21.000	23.520
802.11ax HE40 SU	41.520	45.360
802.11ax HE80 SU	84.480	86.460
802.11ax HE160 SU	166.320	166.320

**Table 27 - 26 dB Bandwidth Summary Results - SISO**

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11a	16.200	16.260
802.11n HT20	17.640	17.700
802.11n HT40	35.640	35.760
802.11ac VHT80	75.680	75.680
802.11ax HE20 SU	19.020	19.140
802.11ax HE40 SU	38.040	38.160
802.11ax HE80 SU	77.220	77.220

**Table 28 - 6 dB Bandwidth Summary Results - SISO**



**Figure 160 - 802.11a Minimum 6 dB EBW**



**Figure 161 - 802.11a Maximum 6 dB EBW**



Figure 162 - 802.11n HT20 Minimum 6 dB EBW



Figure 163 - 802.11n HT20 Maximum 6 dB EBW



Figure 164 - 802.11n HT40 Minimum 6 dB EBW



Figure 165 - 802.11n HT40 Maximum 6 dB EBW

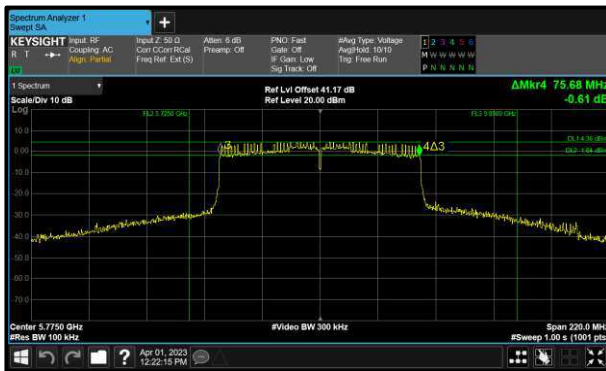


Figure 166 - 802.11ac VHT80 Minimum 6 dB EBW



Figure 167 - 802.11ac VHT80 Maximum 6 dB EBW



Figure 168 - 802.11ax HE20 SU  
 Minimum 6 dB EBW



Figure 169 - 802.11ax HE20 SU  
 Maximum 6 dB EBW



Figure 170 - 802.11ax HE40 SU  
 Minimum 6 dB EBW



Figure 171 - 802.11ax HE40 SU  
 Maximum 6 dB EBW



Figure 172 - 802.11ax HE80 SU  
 Minimum 6 dB EBW



Figure 173 - 802.11ax HE80 SU  
 Maximum 6 dB EBW



Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11a	16.560	16.620
802.11n HT20	17.700	17.820
802.11n HT40	36.360	36.600
802.11ac VHT80	75.680	75.900
802.11ac VHT160	154.560	154.560
802.11ax HE20 SU	18.900	19.020
802.11ax HE40 SU	37.800	38.040
802.11ax HE80 SU	77.000	77.000
802.11ax HE160 SU	155.400	155.400

Table 29 - 99% Bandwidth Summary Results - SISO



Figure 174 - 802.11a Minimum 99% OBW



Figure 175 - 802.11a Maximum 99% OBW



Figure 176 - 802.11n HT20 Minimum 99% OBW



Figure 177 - 802.11n HT20 Maximum 99% OBW





Figure 178 - 802.11n HT40 Minimum  
 99% OBW



Figure 179 - 802.11n HT40 Maximum  
 99% OBW



Figure 180 - 802.11ac VHT80 Minimum  
 99% OBW



Figure 181 - 802.11ac VHT80 Maximum  
 99% OBW

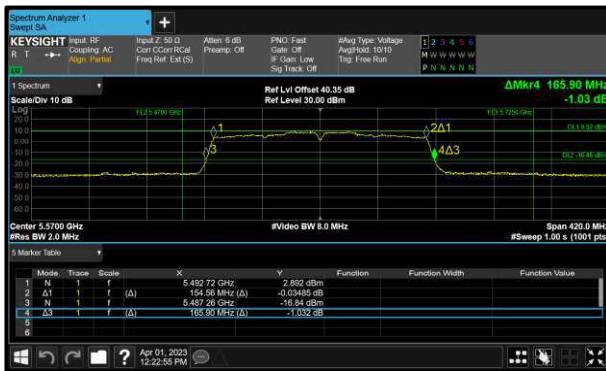


Figure 182 - 802.11ac VHT160 Minimum  
 99% OBW

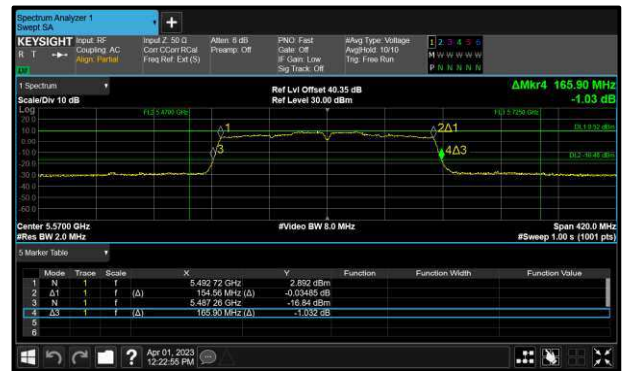


Figure 183 - 802.11ac VHT160 Maximum  
 99% OBW



Figure 184 - 802.11ax HE20 SU  
 Minimum 99% OBW



Figure 185 - 802.11ax HE20 SU  
 Maximum 99% OBW



Figure 186 - 802.11ax HE40 SU  
 Minimum 99% OBW



Figure 187 - 802.11ax HE40 SU  
 Maximum 99% OBW



Figure 188 - 802.11ax HE80 SU  
 Minimum 99% OBW



Figure 189 - 802.11ax HE80 SU  
 Maximum 99% OBW



Figure 190 - 802.11ax HE160 SU  
 Minimum 99% OBW



Figure 191 - 802.11ax HE160 SU  
 Maximum 99% OBW



MIMO CDD

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	20.880	22.920
802.11n HT40	41.280	44.160
802.11ac VHT80	84.260	87.780
802.11ac VHT160	165.060	165.900
802.11ax HE20 SU	20.820	24.360
802.11ax HE40 SU	41.400	47.520
802.11ax HE80 SU	82.940	86.020
802.11ax HE160 SU	165.480	165.480

**Table 30 - 26 dB Bandwidth Summary Results - MIMO CDD**

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	16.980	17.340
802.11n HT40	35.400	35.760
802.11ac VHT80	75.680	75.680
802.11ax HE20 SU	18.900	19.080
802.11ax HE40 SU	37.800	38.160
802.11ax HE80 SU	76.560	77.000

**Table 31 - 6 dB Bandwidth Summary Results - MIMO CDD**



**Figure 192 - 802.11n HT20 Minimum 6 dB EBW**



**Figure 193 - 802.11n HT20 Maximum 6 dB EBW**



Figure 194 - 802.11n HT40 Minimum 6 dB EBW



Figure 195 - 802.11n HT40 Maximum 6 dB EBW



Figure 196 - 802.11ac VHT80 Minimum 6 dB EBW

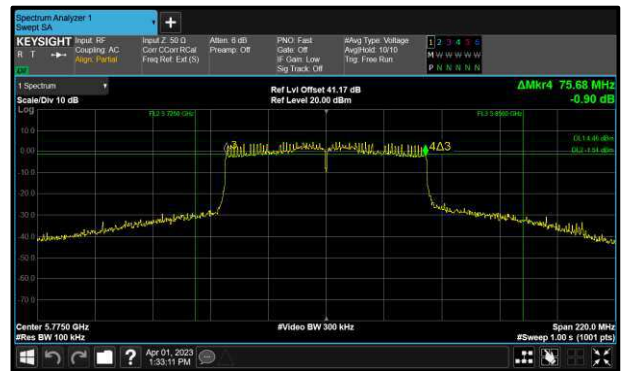


Figure 197 - 802.11ac VHT80 Maximum 6 dB EBW



Figure 198 - 802.11ax HE20 SU Minimum 6 dB EBW



Figure 199 - 802.11ax HE20 SU Maximum 6 dB EBW



Figure 200 - 802.11ax HE40 SU  
Minimum 6 dB EBW



Figure 201 - 802.11ax HE40 SU  
Maximum 6 dB EBW



Figure 202 - 802.11ax HE80 SU  
Minimum 6 dB EBW



Figure 203 - 802.11ax HE80 SU  
Maximum 6 dB EBW



Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	17.700	17.880
802.11n HT40	36.360	36.600
802.11ac VHT80	75.680	75.900
802.11ac VHT160	154.560	154.560
802.11ax HE20 SU	18.900	19.020
802.11ax HE40 SU	37.680	38.040
802.11ax HE80 SU	76.780	77.220
802.11ax HE160 SU	155.400	155.400

Table 32 - 99% Bandwidth Summary Results - MIMO CDD



Figure 204 - 802.11n HT20 Minimum 99% OBW



Figure 205 - 802.11n HT20 Maximum 99% OBW



Figure 206 - 802.11n HT40 Minimum 99% OBW



Figure 207 - 802.11n HT40 Maximum 99% OBW



Figure 208 - 802.11ac VHT80 Minimum 99% OBW



Figure 209 - 802.11ac VHT80 Maximum 99% OBW



Figure 210 - 802.11ac VHT160 Minimum 99% OBW



Figure 211 - 802.11ac VHT160 Maximum 99% OBW



Figure 212 - 802.11ax HE20 SU Minimum 99% OBW



Figure 213 - 802.11ax HE20 SU Maximum 99% OBW





Figure 214 - 802.11ax HE40 SU Minimum 99% OBW



Figure 215 - 802.11ax HE40 SU Maximum 99% OBW



Figure 216 - 802.11ax HE80 SU Minimum 99% OBW



Figure 217 - 802.11ax HE80 SU Maximum 99% OBW



Figure 218 - 802.11ax HE160 SU Minimum 99% OBW



Figure 219 - 802.11ax HE160 SU Maximum 99% OBW



MIMO SDM

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	20.880	22.620
802.11n HT40	41.160	44.280
802.11ac VHT80	83.600	99.440
802.11ac VHT160	165.480	166.320
802.11ax HE20 SU	20.880	24.780
802.11ax HE40 SU	41.400	44.640
802.11ax HE80 SU	83.160	84.920
802.11ax HE160 SU	165.480	165.900

**Table 33 - 26 dB Bandwidth Summary Results - MIMO SDM**

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	17.340	17.640
802.11n HT40	35.400	35.880
802.11ac VHT80	75.680	75.680
802.11ax HE20 SU	18.840	19.080
802.11ax HE40 SU	37.320	38.160
802.11ax HE80 SU	76.340	76.560

**Table 34 - 6 dB Bandwidth Summary Results - MIMO SDM**



**Figure 220 - 802.11n HT20 Minimum 6 dB EBW**



**Figure 221 - 802.11n HT20 Maximum 6 dB EBW**



Figure 222 - 802.11n HT40 Minimum 6 dB EBW



Figure 223 - 802.11n HT40 Maximum 6 dB EBW



Figure 224 - 802.11ac VHT80 Minimum 6 dB EBW

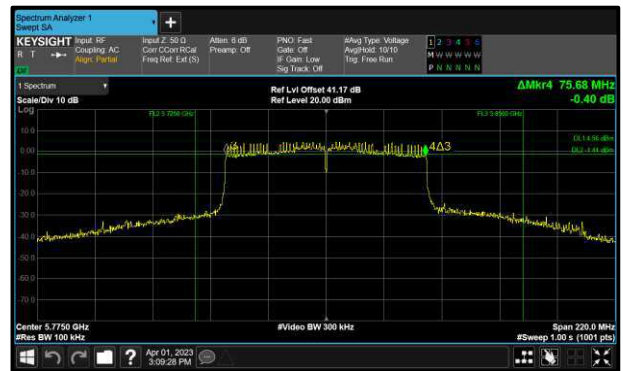


Figure 225 - 802.11ac VHT80 Maximum 6 dB EBW



Figure 226 - 802.11ax HE20 SU Minimum 6 dB EBW



Figure 227 - 802.11ax HE20 SU Maximum 6 dB EBW



Figure 228 - 802.11ax HE40 SU  
Minimum 6 dB EBW



Figure 229 - 802.11ax HE40 SU  
Maximum 6 dB EBW



Figure 230 - 802.11ax HE80 SU  
Minimum 6 dB EBW

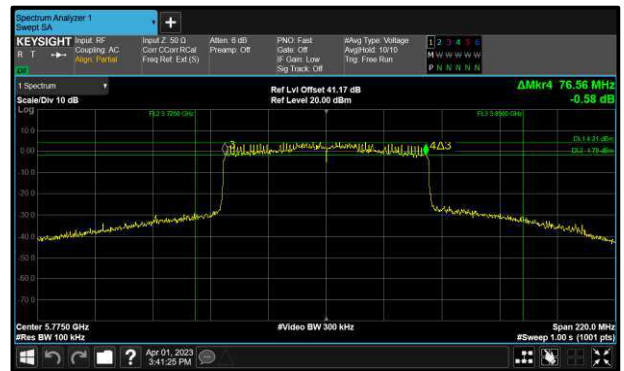


Figure 231 - 802.11ax HE80 SU  
Maximum 6 dB EBW



Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	17.700	17.820
802.11n HT40	36.360	36.720
802.11ac VHT80	75.680	75.900
802.11ac VHT160	154.560	154.560
802.11ax HE20 SU	18.900	19.020
802.11ax HE40 SU	37.800	38.040
802.11ax HE80 SU	77.000	77.220
802.11ax HE160 SU	155.400	155.820

Table 35 - 99% Bandwidth Summary Results - MIMO SDM



Figure 232 - 802.11n HT20 Minimum 99% OBW



Figure 233 - 802.11n HT20 Maximum 99% OBW



Figure 234 - 802.11n HT40 Minimum 99% OBW



Figure 235 - 802.11n HT40 Maximum 99% OBW



Figure 236 - 802.11ac VHT80 Minimum 99% OBW



Figure 237 - 802.11ac VHT80 Maximum 99% OBW



Figure 238 - 802.11ac VHT160 Minimum 99% OBW



Figure 239 - 802.11ac VHT160 Maximum 99% OBW



Figure 240 - 802.11ax HE20 SU Minimum 99% OBW



Figure 241 - 802.11ax HE20 SU Maximum 99% OBW