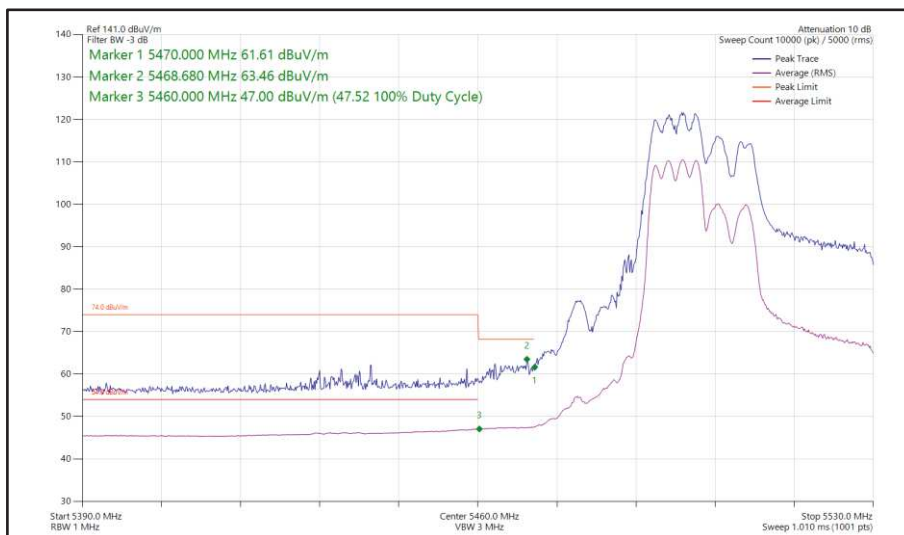
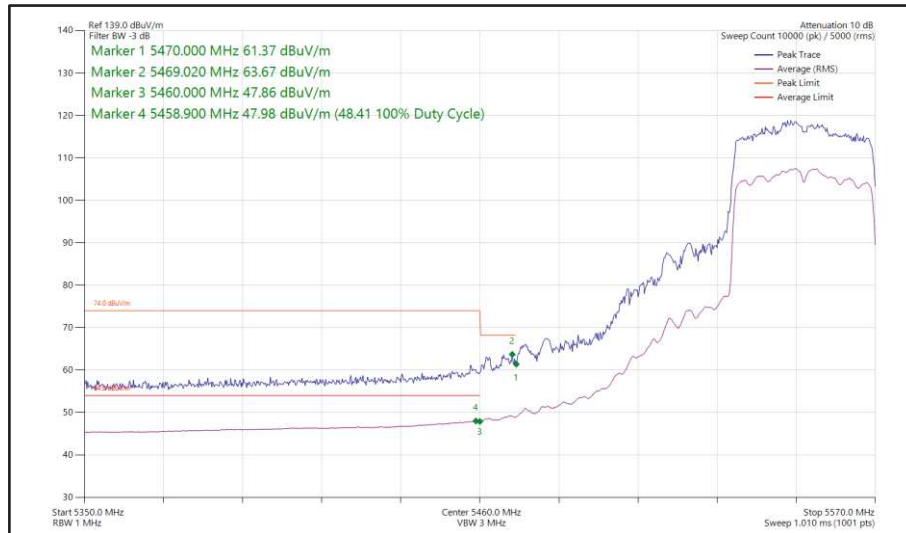


**Figure 140 - 802.11ax HE40, SU, SDM, Core 0 + Core 1 - 5510 MHz
Band Edge Frequency 5460 MHz**



**Figure 141 - 802.11ax HE40, RU 106-53, SDM, Core 0 + Core 1 - 5510 MHz
Band Edge Frequency 5460 MHz**



**Figure 142 - 802.11ax HE40, SU, SDM, Core 0 + Core 1 - 5550 MHz
Band Edge Frequency 5460 MHz**



40 MHz Bandwidth - Core 0 + Core 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 VHT40	MCS4x1	-	-	5190	5150	69.34	50.72
802.11ac VHT40	MCS4x1	-	-	5230	5150	65.24	51.39
802.11ac VHT40	MCS2x1	-	-	5270	5350	63.10	48.79
802.11ac VHT40	MCS2x1	-	-	5310	5350	63.95	51.42
802.11ac VHT40	MCS7x1	-	-	5510	5460	63.69	46.85
802.11ac VHT40	MCS7x1	-	-	5550	5460	62.50	47.46

Table 15 - TxBF Restricted Band Edge Results

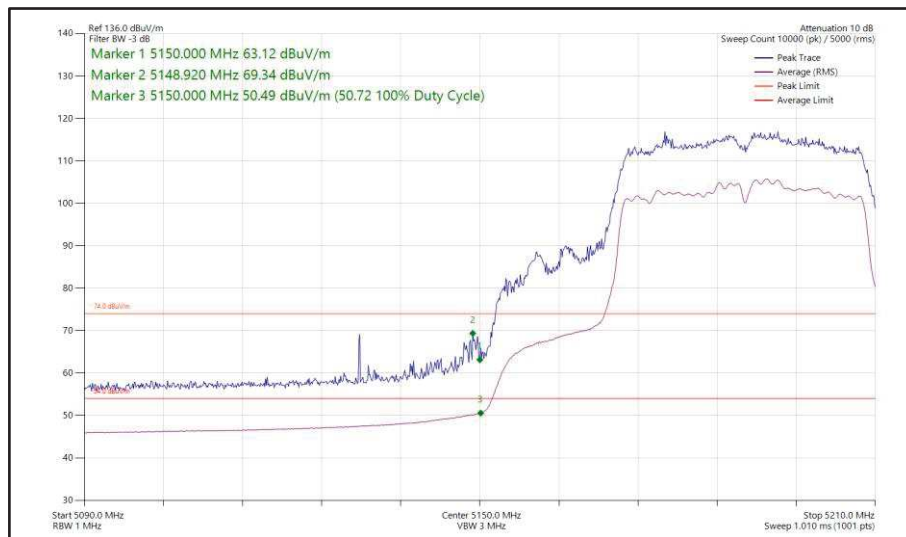


Figure 143 - 802.11ac VHT40, TxBF, Core 0 + Core 1 - 5190 MHz
 Band Edge Frequency 5150 MHz

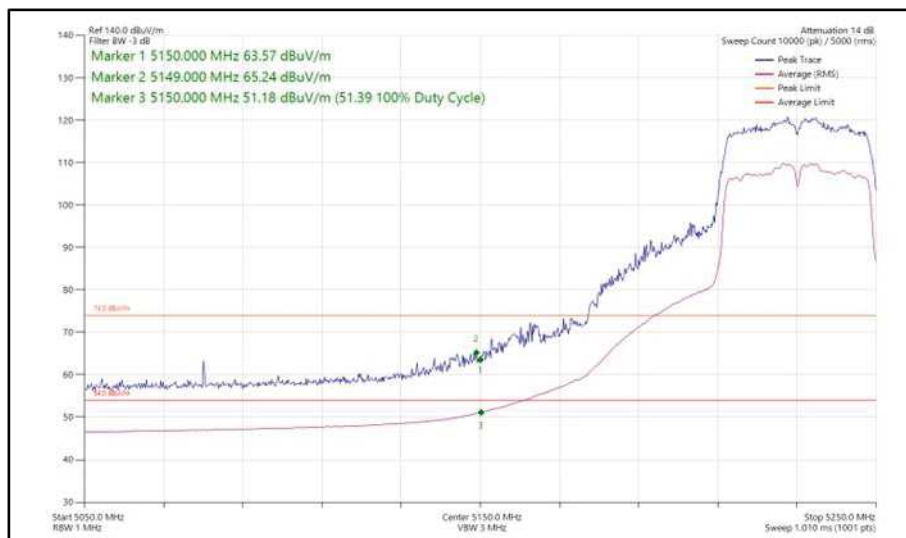
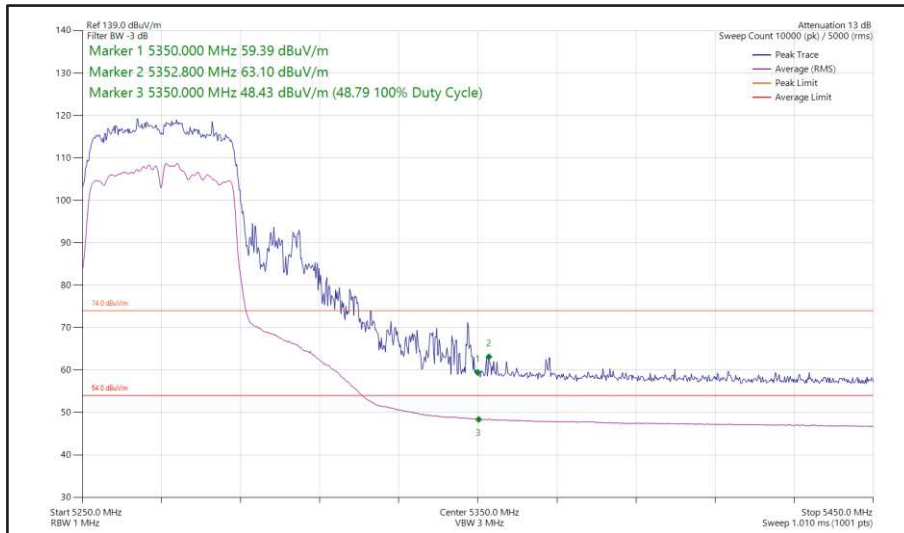
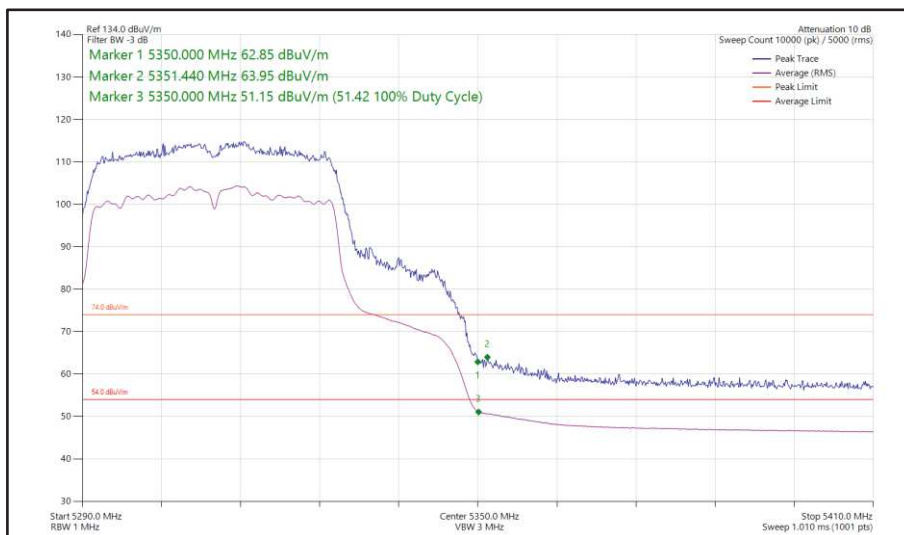


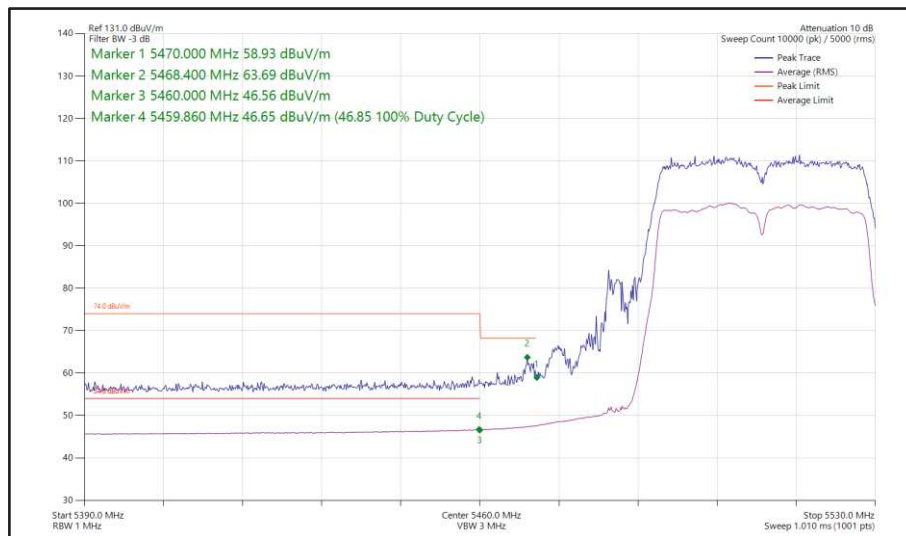
Figure 144 - 802.11ac VHT40, TxBF, Core 0 + Core 1 - 5230 MHz
 Band Edge Frequency 5150 MHz



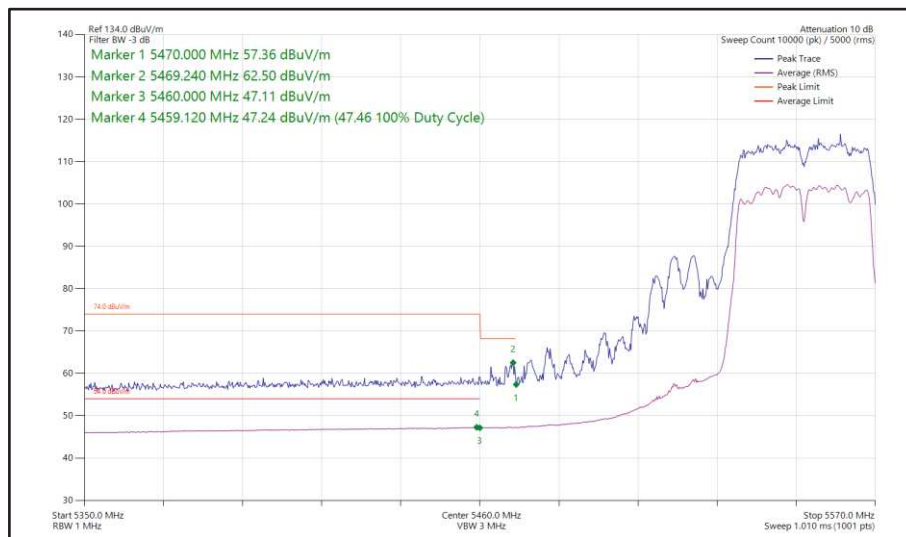
**Figure 145 - 802.11ac VHT40, TxBF, Core 0 + Core 1 - 5270 MHz
Band Edge Frequency 5350 MHz**



**Figure 146 - 802.11ac VHT40, TxBF, Core 0 + Core 1 - 5310 MHz
Band Edge Frequency 5350 MHz**



**Figure 147 - 802.11ac VHT40, TxBF, Core 0 + Core 1 - 5510 MHz
Band Edge Frequency 5460 MHz**



**Figure 148 - 802.11ac VHT40, TxBF, Core 0 + Core 1 - 5550 MHz
Band Edge Frequency 5460 MHz**



80 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 VHT80	MCS2x1	-	-	5210	5150	63.28	51.22
802.11ax HE80	MCS2x1	SU	-	5210	5150	62.34	51.22
802.11ax HE80	MCS11x1	106	53	5210	5150	68.23	47.97
802.11ac VHT80	MCS4x1	-	-	5290	5350	63.77	51.48
802.11ax HE80	MCS2x1	SU	-	5290	5350	62.96	51.01
802.11ax HE80	MCS11x1	52	52	5290	5350	67.67	47.34
802.11ac VHT80	MCS4x1	-	-	5530	5460	62.35	50.90
802.11ax HE80	MCS4x1	SU	-	5530	5460	62.85	51.16
802.11ax HE80	MCS11x1	106	53	5530	5460	63.16	48.71

Table 16 - SISO Restricted Band Edge Results

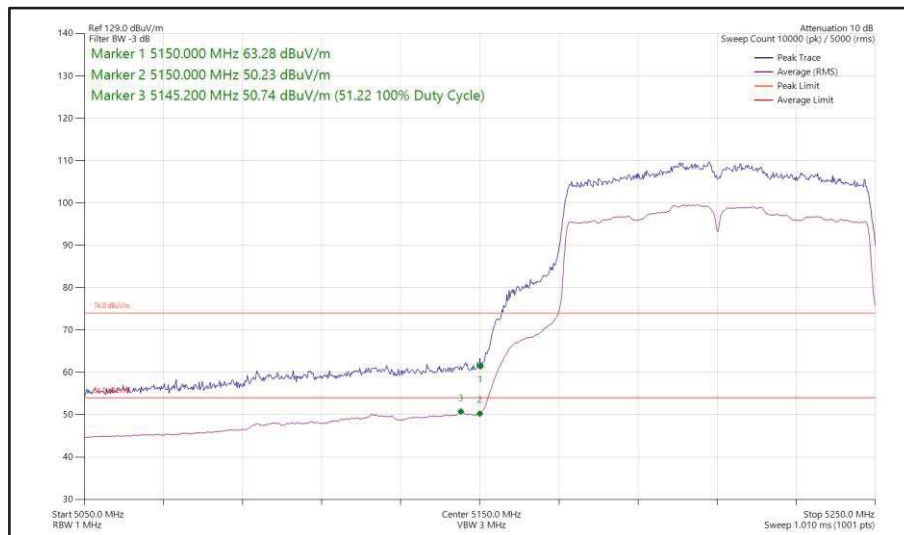
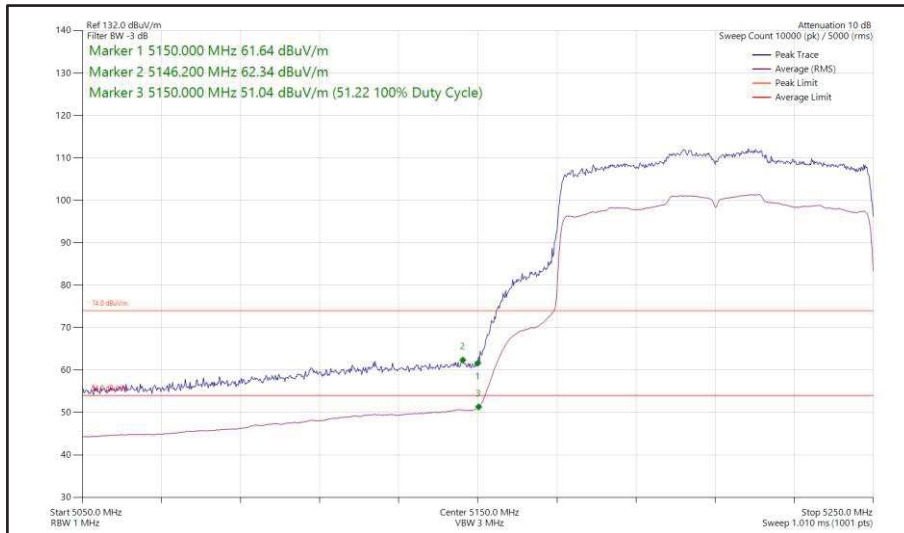
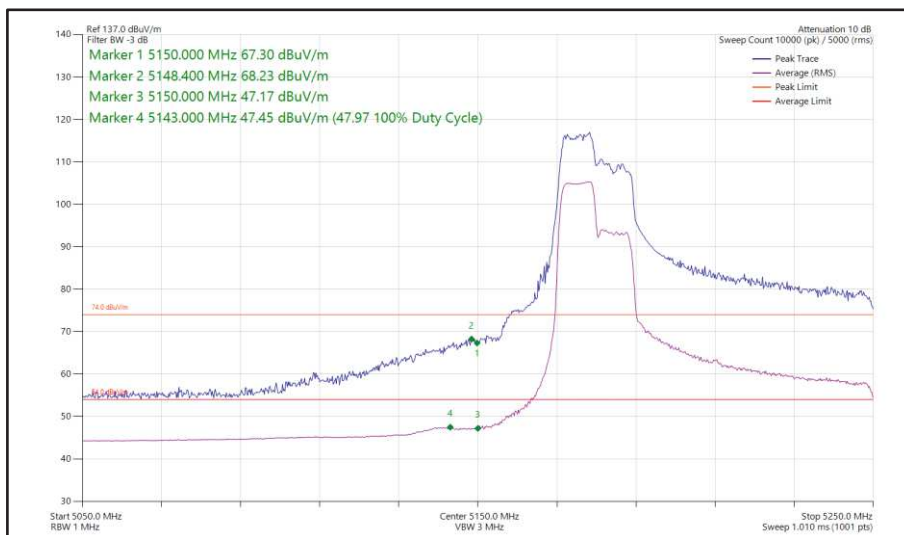


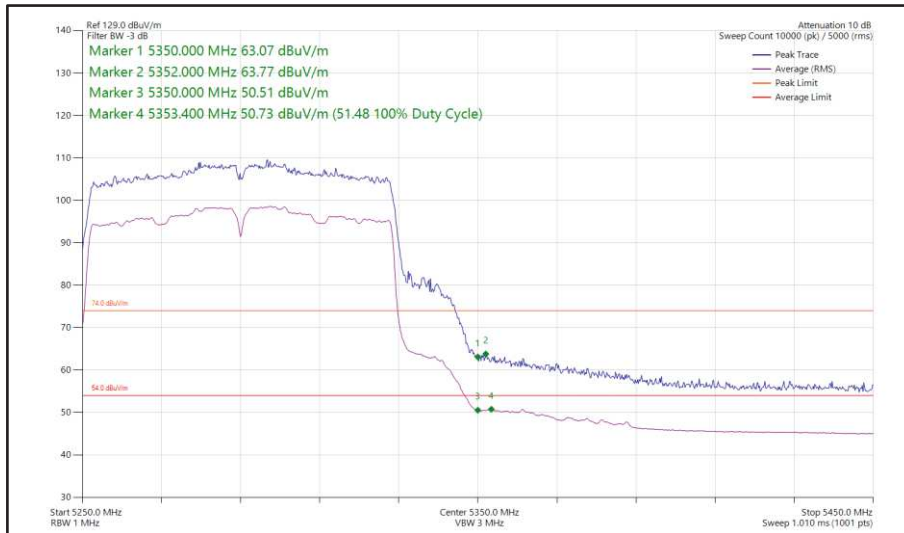
Figure 149 - 802.11ac VHT80, SISO, Core 0 - 5210 MHz
 Band Edge Frequency 5150 MHz



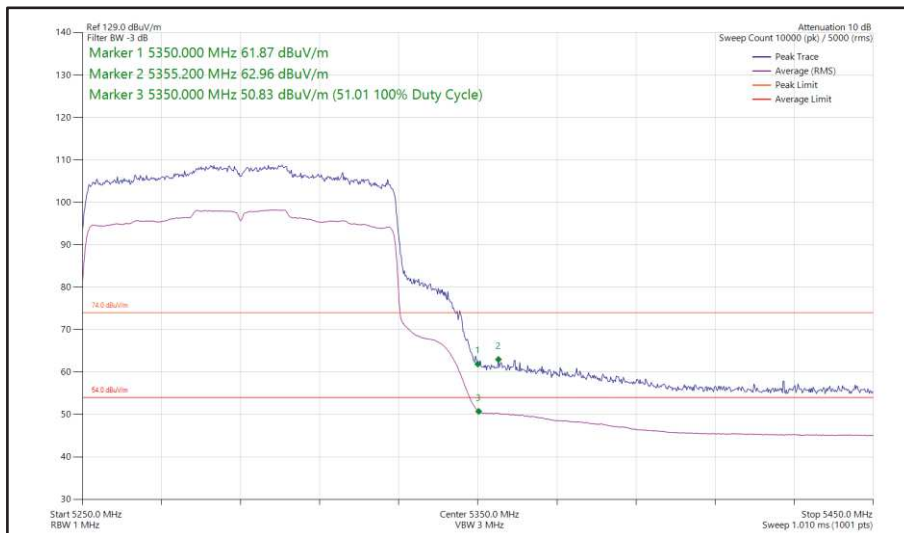
**Figure 150 - 802.11ax HE80, SU, SISO, Core 0 - 5210 MHz
Band Edge Frequency 5150 MHz**



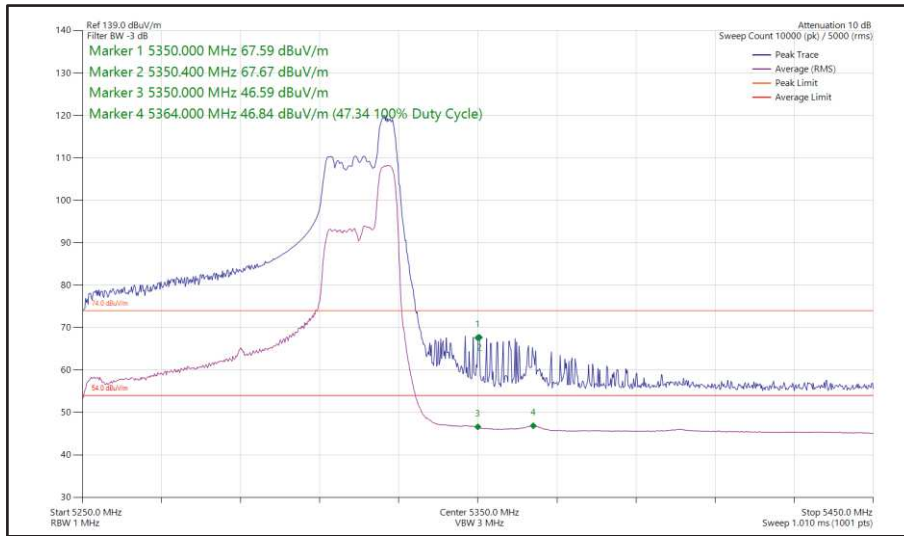
**Figure 151 - 802.11ax HE80, RU 106-53, SISO, Core 0 - 5210 MHz
Band Edge Frequency 5150 MHz**



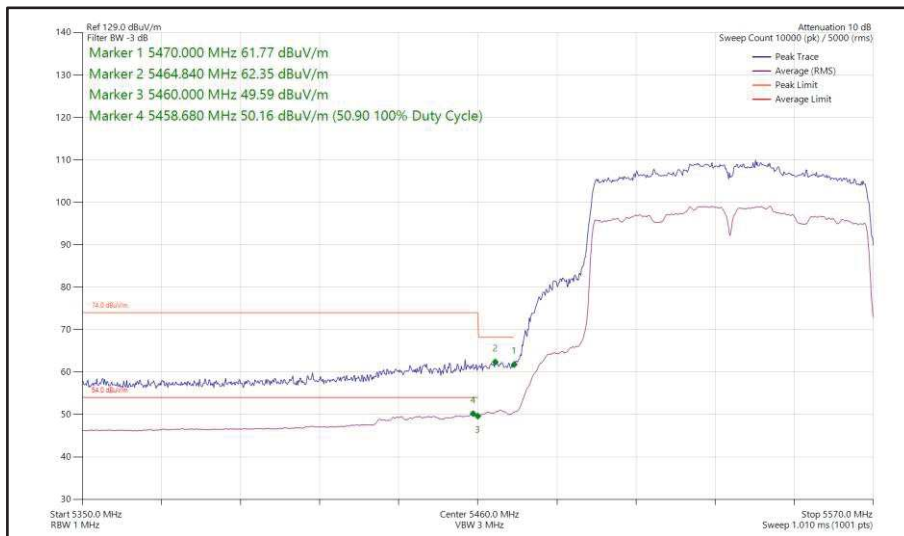
**Figure 152 - 802.11ac VHT80, SISO, Core 0 - 5290 MHz
Band Edge Frequency 5350 MHz**



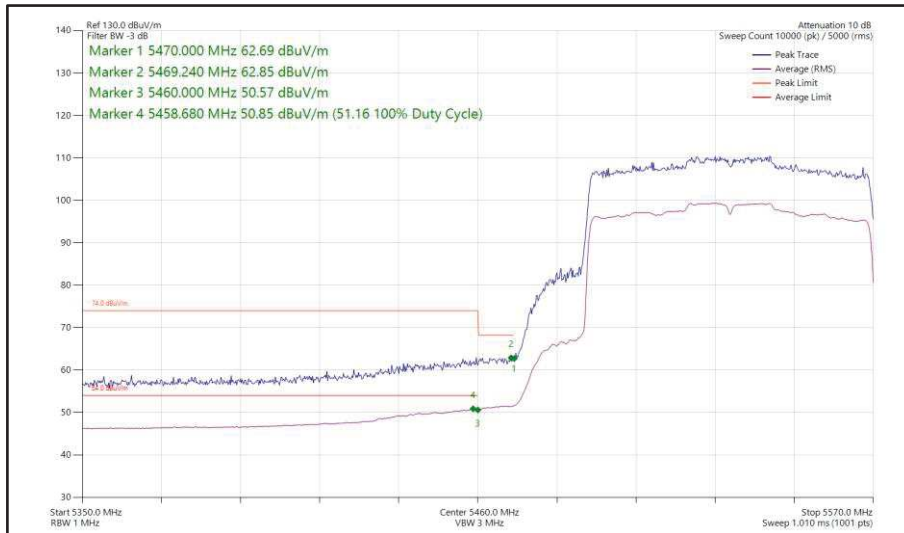
**Figure 153 - 802.11ax HE80, SU, SISO, Core 0 - 5290 MHz
Band Edge Frequency 5350 MHz**



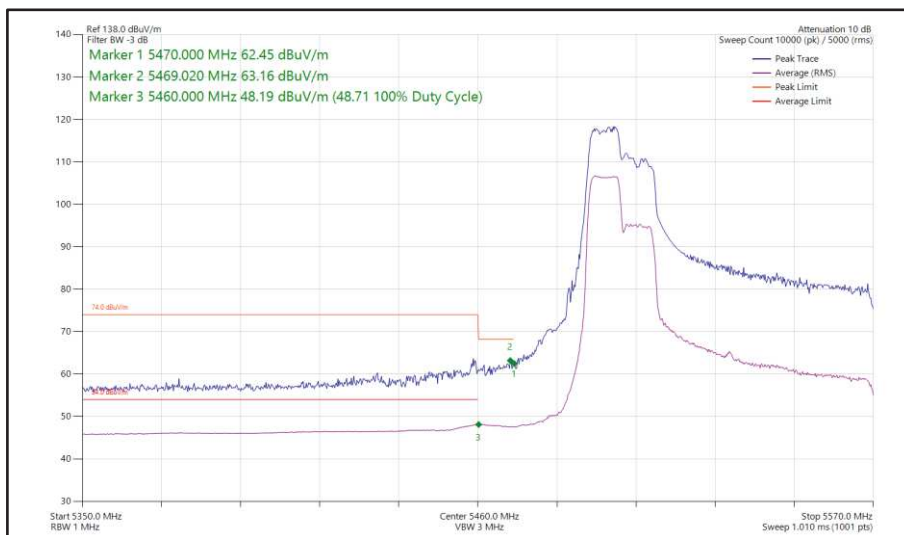
**Figure 154 - 802.11ax HE80, RU 52-52, SISO, Core 0 - 5290 MHz
Band Edge Frequency 5350 MHz**



**Figure 155 - 802.11ac VHT80, SISO, Core 0 - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 156 - 802.11ax HE80, SU, SISO, Core 0 - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 157 - 802.11ax HE80, RU 106-53, SISO, Core 0 - 5530 MHz
Band Edge Frequency 5460 MHz**



80 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 VHT80	MCS2x1	-	-	5210	5150	62.84	51.50
802.11ax HE80	MCS2x1	SU	-	5210	5150	62.80	51.31
802.11ax HE80	MCS11x1	106	53	5210	5150	69.08	49.45
802.11ac VHT80	MCS4x1	-	-	5290	5350	63.38	51.36
802.11ax HE80	MCS11x1	SU	-	5290	5350	66.10	51.49
802.11ax HE80	MCS11x1	52	52	5290	5350	69.46	48.49
802.11ac VHT80	MCS8x1	-	-	5530	5460	63.18	48.40
802.11ax HE80	MCS11x1	SU	-	5530	5460	63.52	48.59
802.11ax HE80	MCS11x1	106	53	5530	5460	62.47	47.67

Table 17 - SISO Restricted Band Edge Results

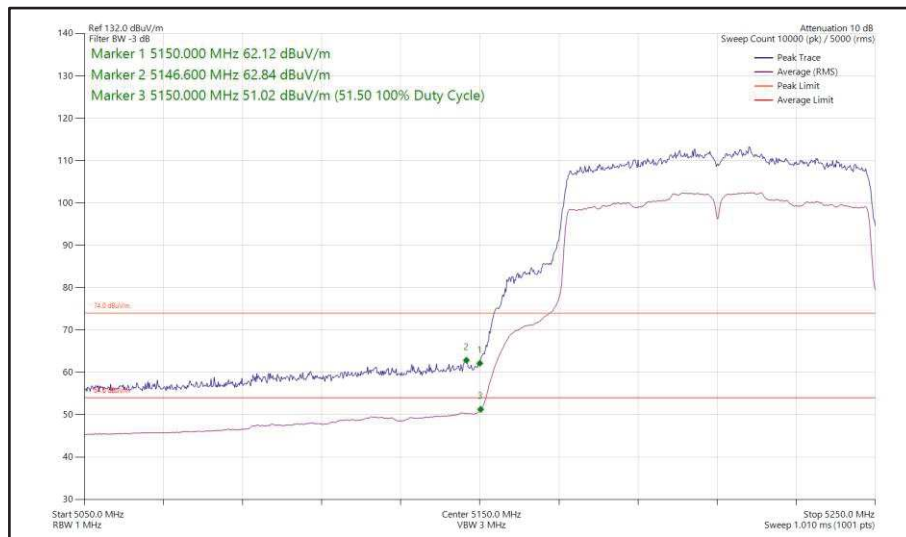
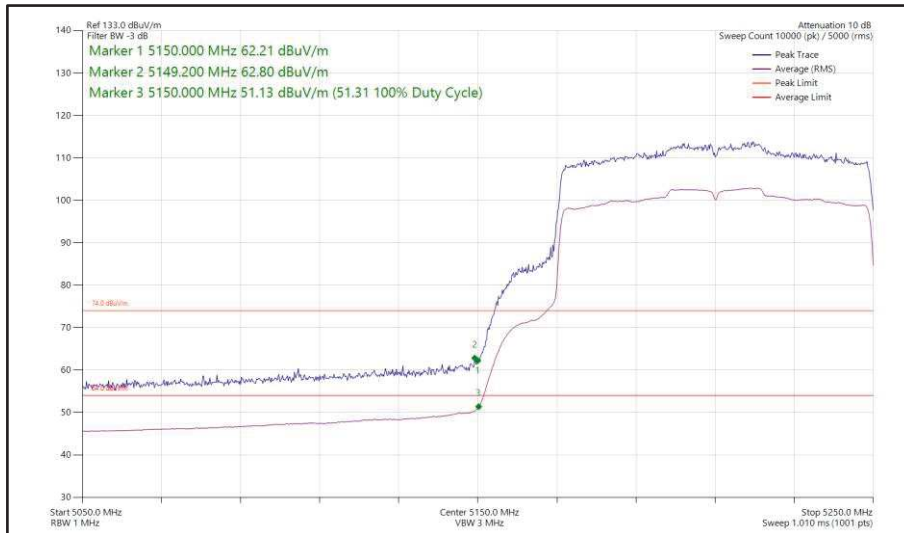
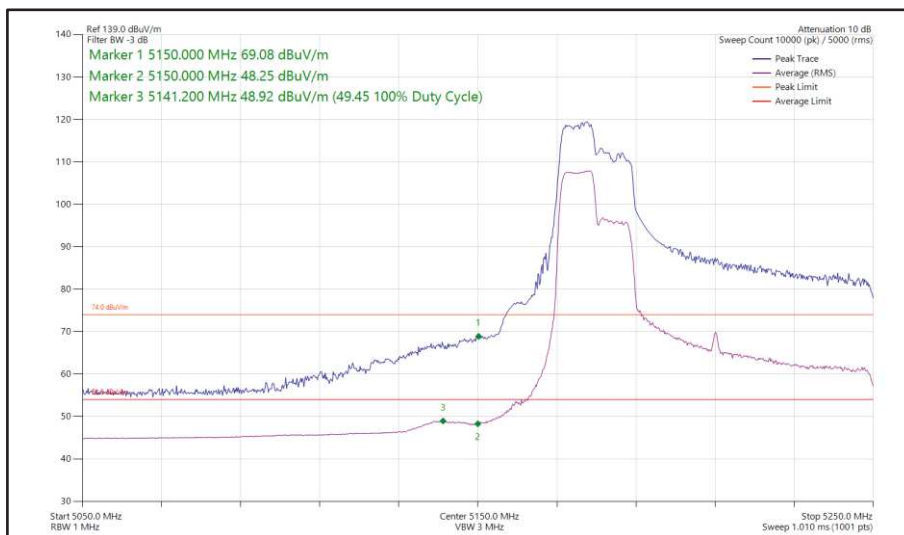


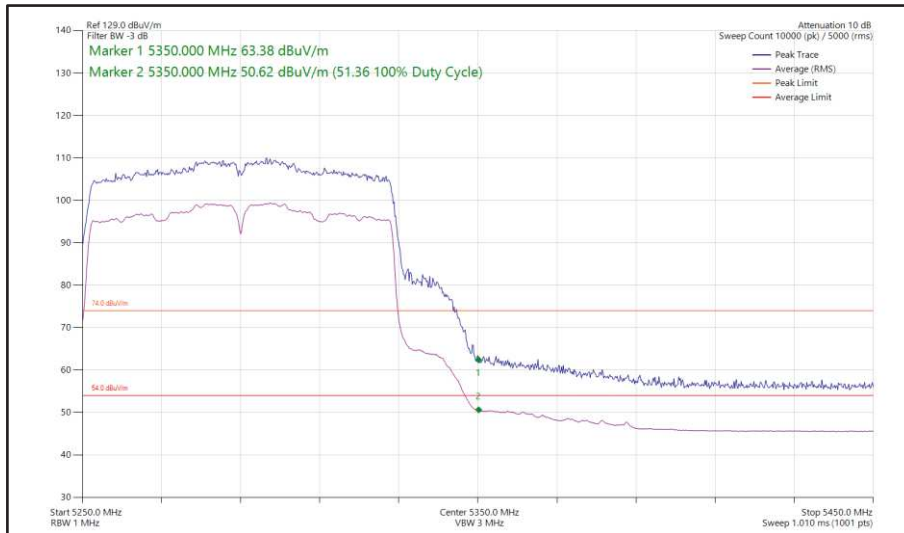
Figure 158 - 802.11ac VHT80, SISO, Core 1 - 5210 MHz
 Band Edge Frequency 5150 MHz



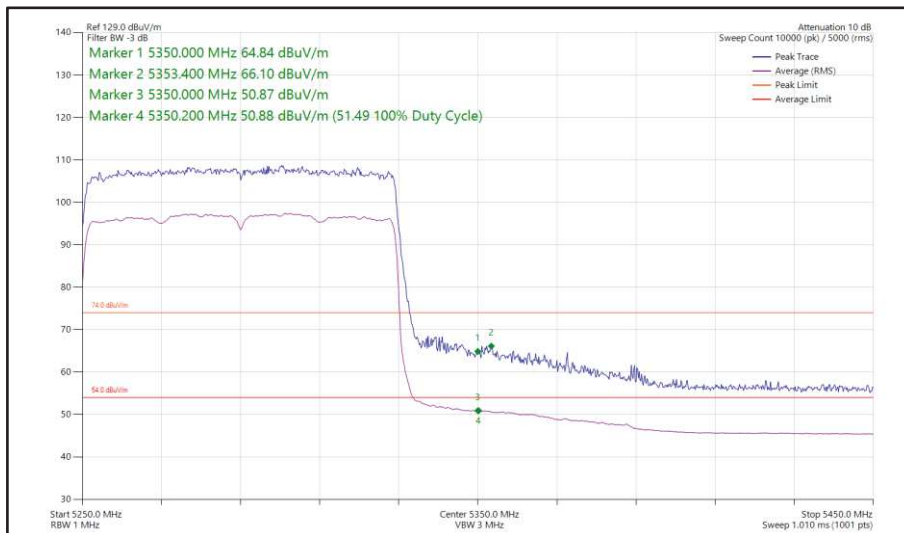
**Figure 159 - 802.11ax HE80, SU, SISO, Core 1 - 5210 MHz
Band Edge Frequency 5150 MHz**



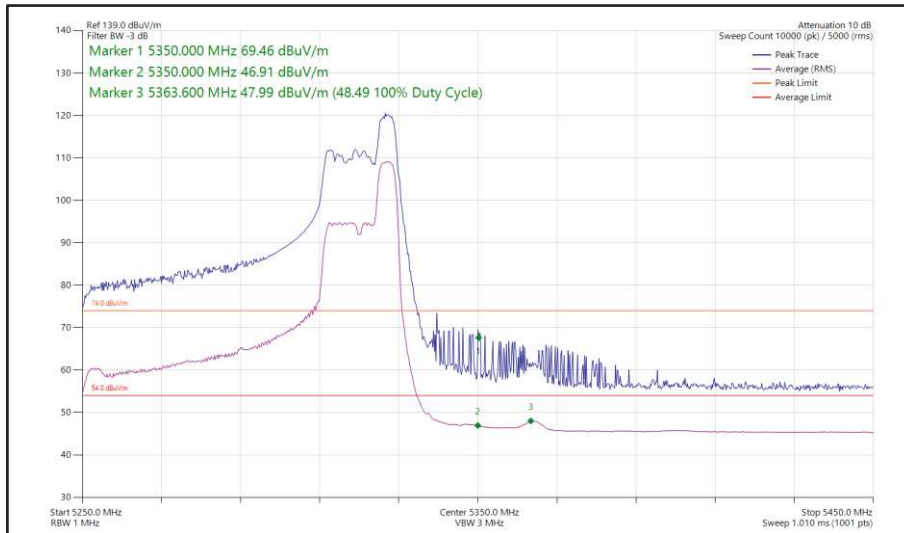
**Figure 160 - 802.11ax HE80, RU 106-53, SISO, Core 1 - 5210 MHz
Band Edge Frequency 5150 MHz**



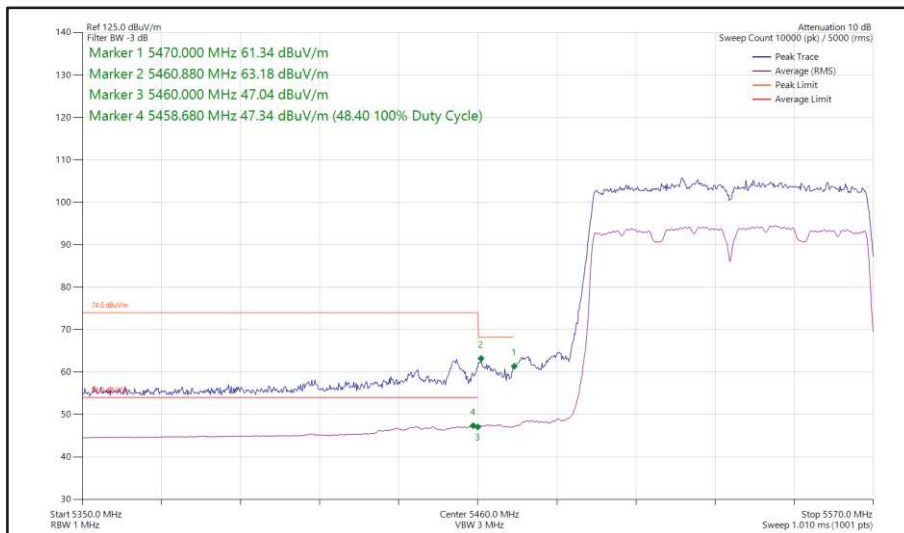
**Figure 161 - 802.11ac VHT80, SISO, Core 1 - 5290 MHz
Band Edge Frequency 5350 MHz**



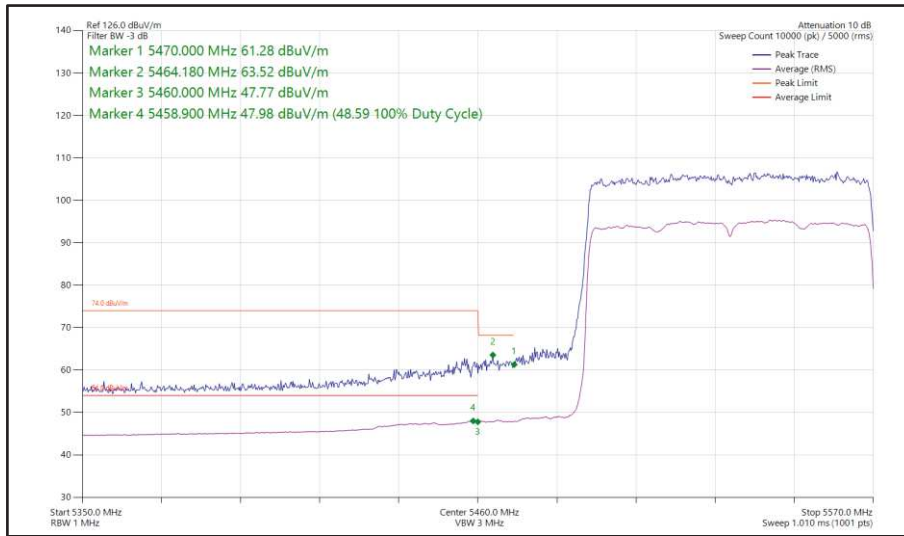
**Figure 162 - 802.11ax HE80, SU, SISO, Core 1 - 5290 MHz
Band Edge Frequency 5350 MHz**



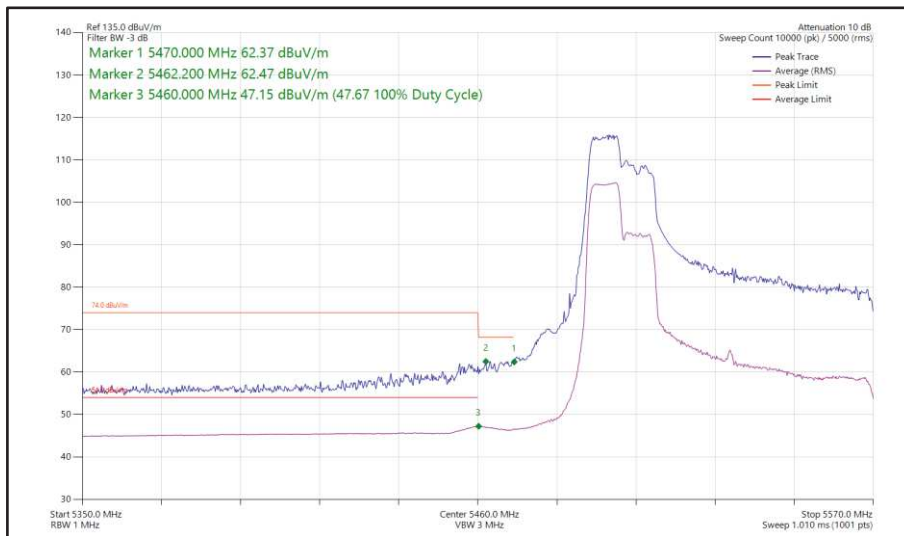
**Figure 163 - 802.11ax HE80, RU 52-52, SISO, Core 1 - 5290 MHz
Band Edge Frequency 5350 MHz**



**Figure 164 - 802.11ac VHT80, SISO, Core 1 - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 165 - 802.11ax HE80, SU, SISO, Core 1 - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 166 - 802.11ax HE80, RU 106-53, SISO, Core 1 - 5530 MHz
Band Edge Frequency 5460 MHz**



80 MHz Bandwidth - Core 0 + Core 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 VHT80	MCS8x1	-	-	5210	5150	67.27	51.46
802.11ax HE80	MCS2x1	SU	-	5210	5150	62.78	51.35
802.11ax HE80	MCS11x1	106	53	5210	5150	69.39	50.70
802.11ac VHT80	MCS8x1	-	-	5290	5350	64.31	51.30
802.11ax HE80	MCS4x1	SU	-	5290	5350	64.30	51.48
802.11ax HE80	MCS11x1	52	37	5290	5350	69.43	50.19
802.11ac VHT80	MCS8x1	-	-	5530	5460	63.67	49.24
802.11ax HE80	MCS11x1	SU	-	5530	5460	63.65	51.11
802.11ax HE80	MCS11x1	52	37	5530	5460	63.42	51.09

Table 18 - CDD Restricted Band Edge Results

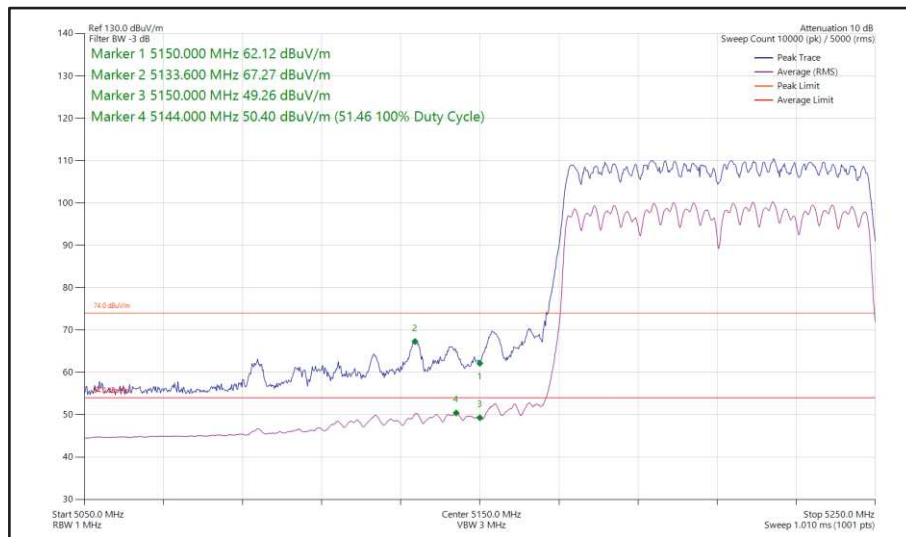
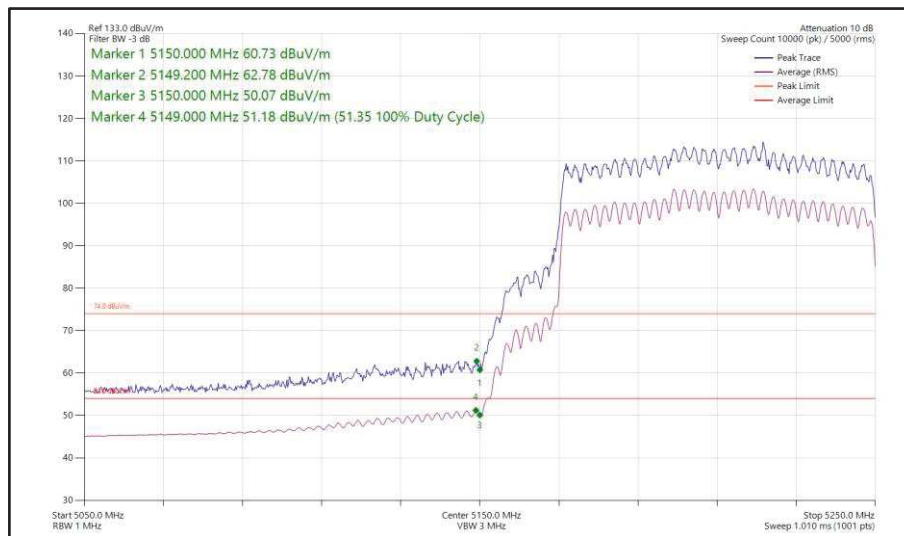
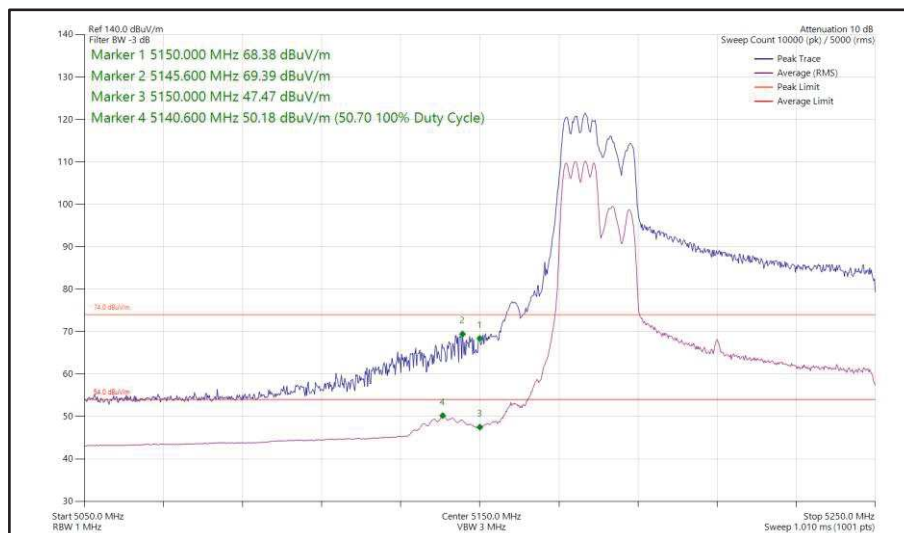


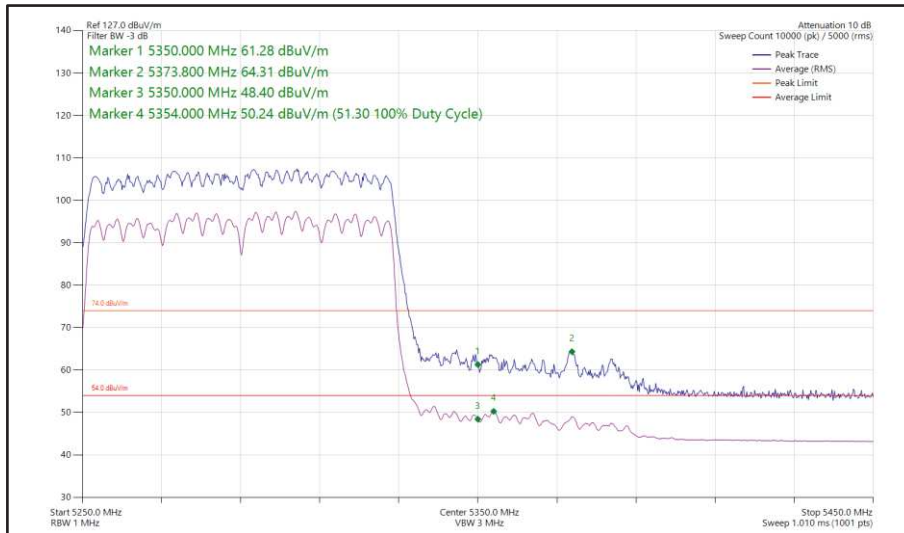
Figure 167 - 802.11ac VHT80, CDD, Core 0 + Core 1 - 5210 MHz
 Band Edge Frequency 5150 MHz



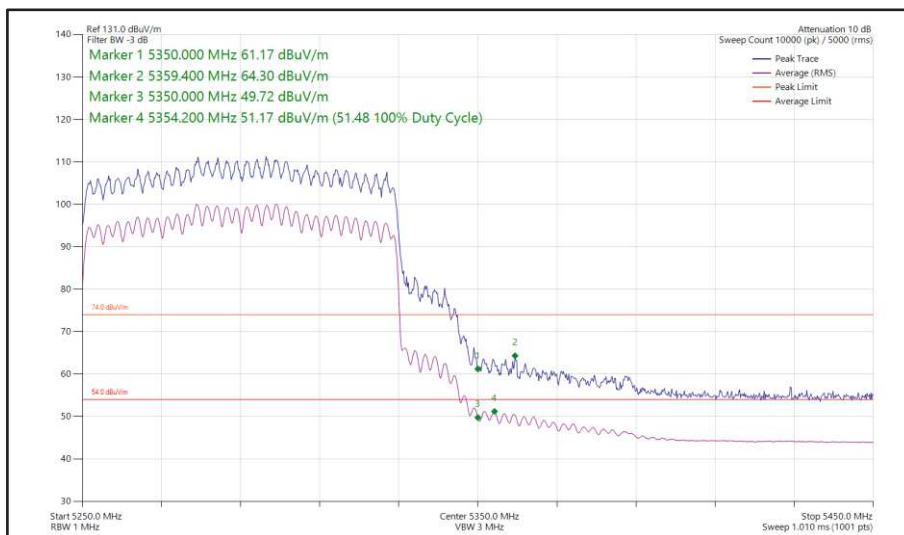
**Figure 168 - 802.11ax HE80, SU, CDD, Core 0 + Core 1 - 5210 MHz
Band Edge Frequency 5150 MHz**



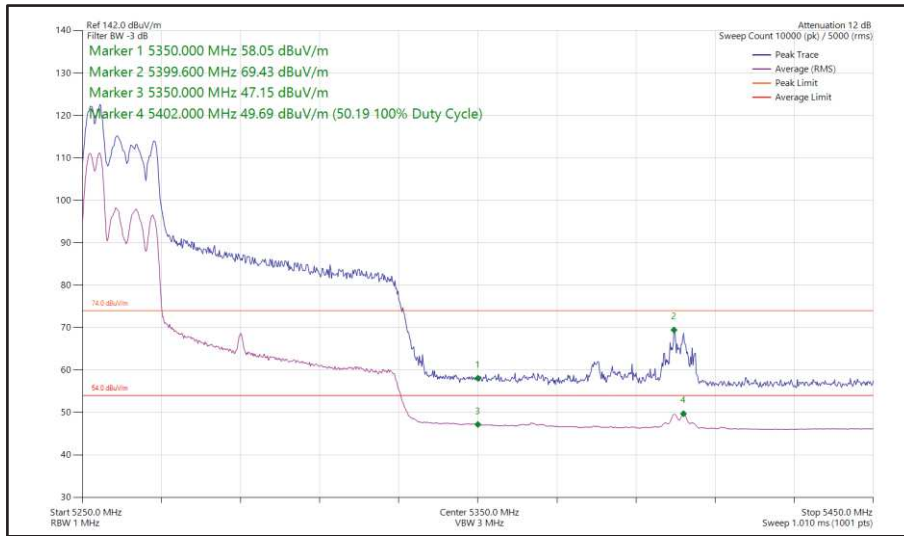
**Figure 169 - 802.11ax HE80, RU 106-53, CDD, Core 0 + Core 1 - 5210 MHz
Band Edge Frequency 5150 MHz**



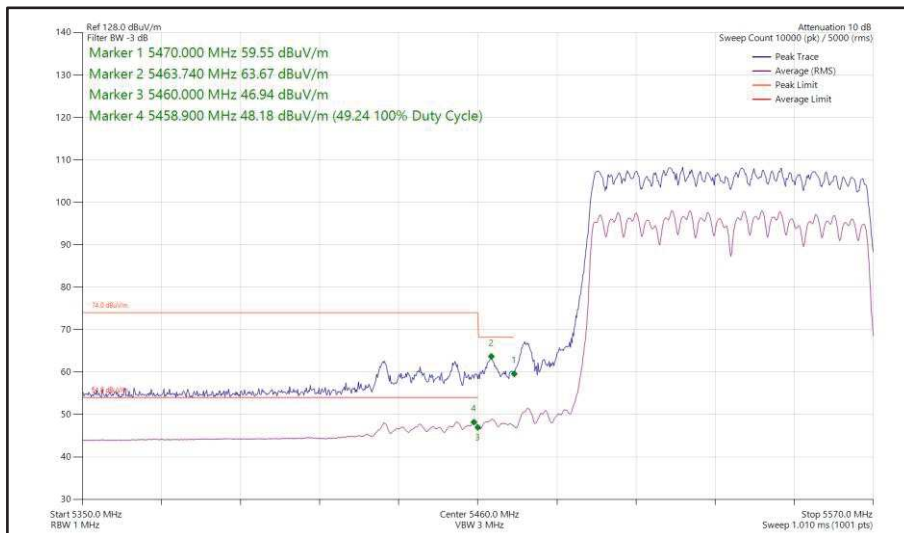
**Figure 170 - 802.11ac VHT80, CDD, Core 0 + Core 1 - 5290 MHz
Band Edge Frequency 5350 MHz**



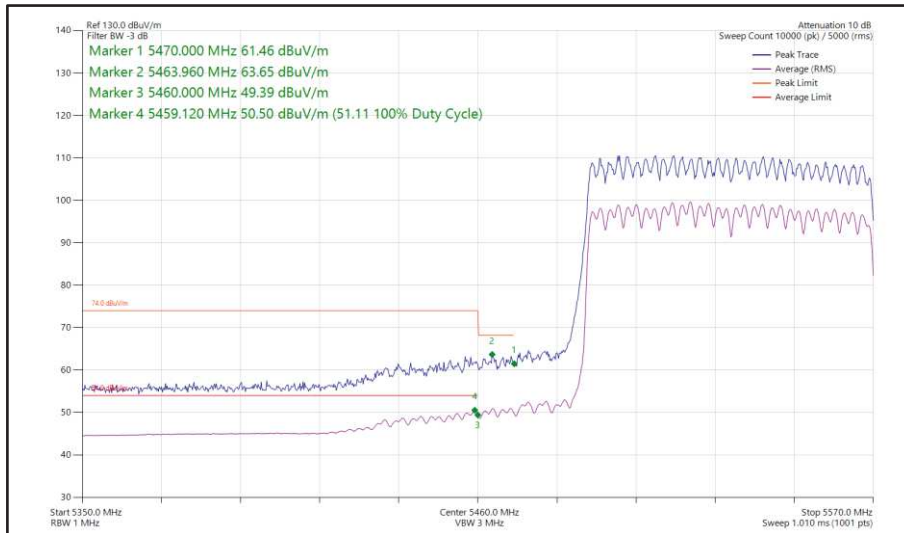
**Figure 171 - 802.11ax HE80, SU, CDD, Core 0 + Core 1 - 5290 MHz
Band Edge Frequency 5350 MHz**



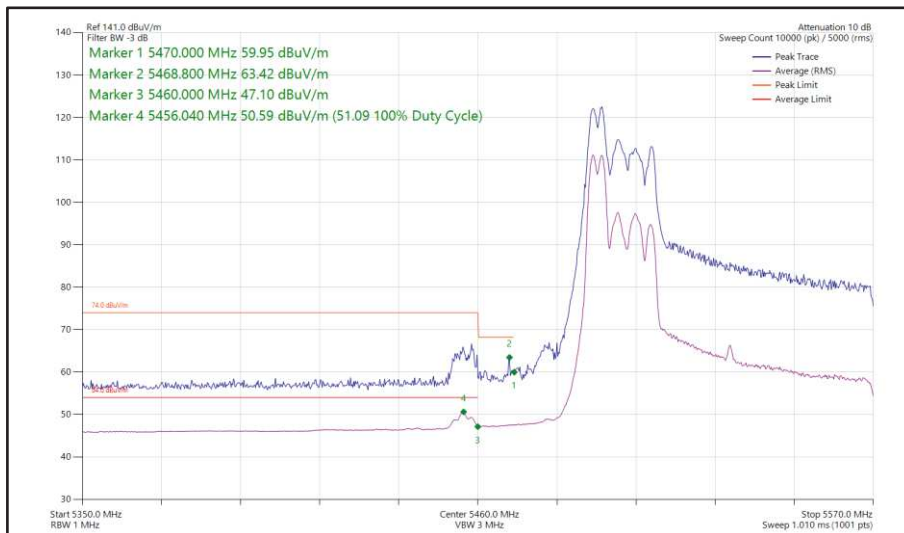
**Figure 172 - 802.11ax HE80, RU 52-37, CDD, Core 0 + Core 1 - 5290 MHz
Band Edge Frequency 5350 MHz**



**Figure 173 - 802.11ac VHT80, CDD, Core 0 + Core 1 - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 174 - 802.11ax HE80, SU, CDD, Core 0 + Core 1 - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 175 - 802.11ax HE80, RU 52-37, CDD, Core 0 + Core 1 - 5530 MHz
Band Edge Frequency 5460 MHz**



80 MHz Bandwidth - Core 0 + Core 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 VHT80	MCS2x2	-	-	5210	5150	62.75	51.36
802.11ax HE80	MCS11x2	SU	-	5210	5150	65.90	50.96
802.11ax HE80	MCS11x2	106	53	5210	5150	67.61	51.20
802.11ac VHT80	MCS4x2	-	-	5290	5350	62.68	51.23
802.11ax HE80	MCS11x2	SU	-	5290	5350	64.47	51.24
802.11ax HE80	MCS11x2	52	37	5290	5350	69.18	50.85
802.11ac VHT80	MCS2x2	-	-	5530	5460	63.53	51.35
802.11ax HE80	MCS4x2	SU	-	5530	5460	63.50	50.21
802.11ax HE80	MCS11x2	52	37	5530	5460	66.24	51.33

Table 19 - SDM Restricted Band Edge Results

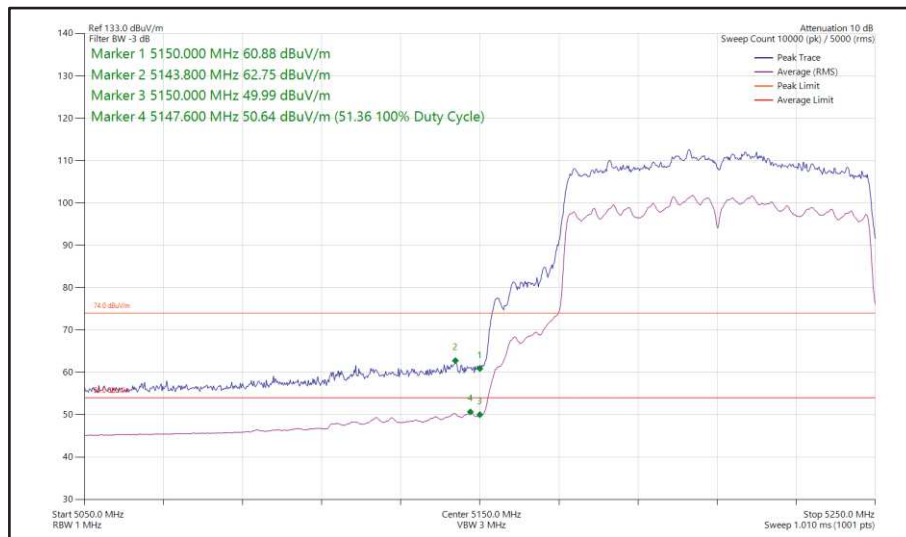
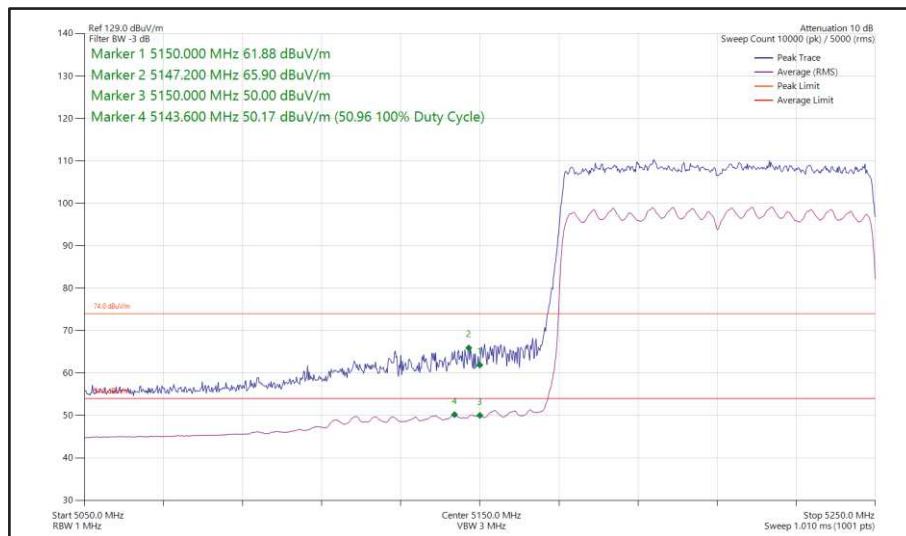
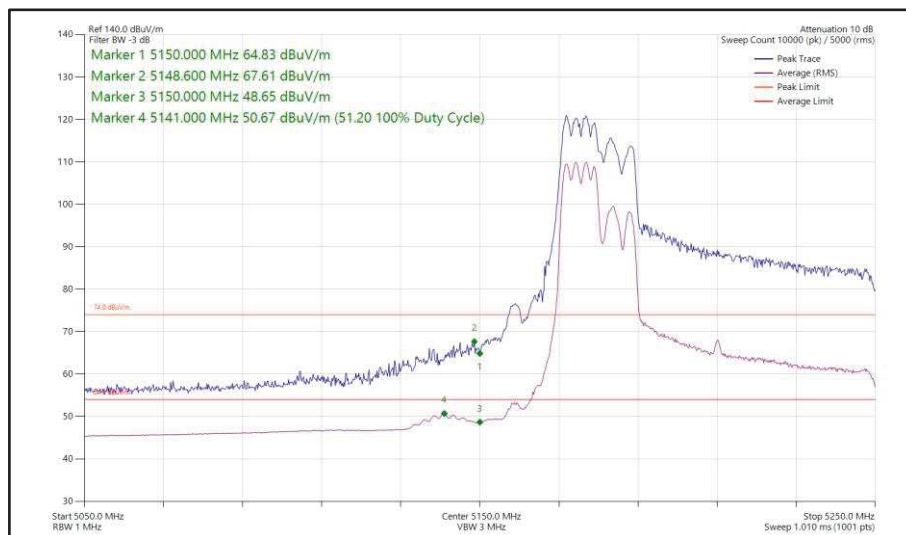


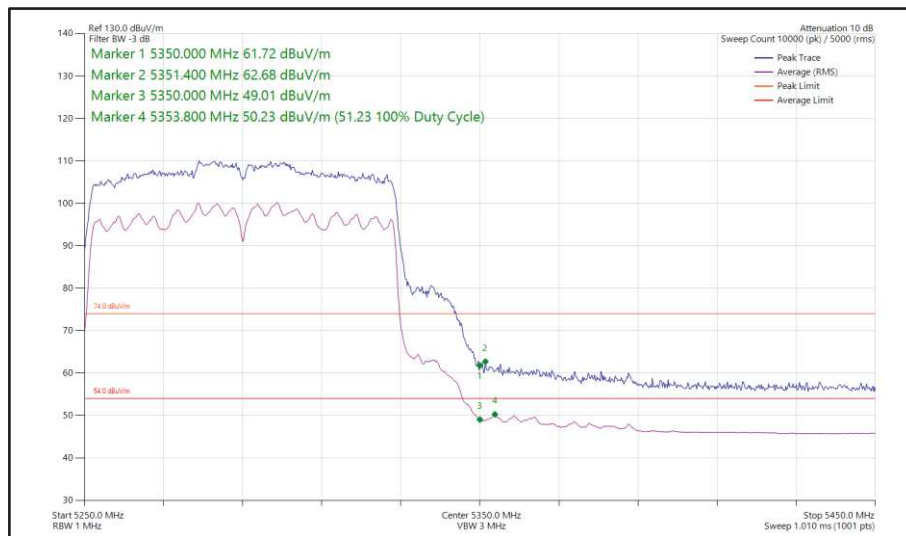
Figure 176 - 802.11ac VHT80, SDM, Core 0 + Core 1 - 5210 MHz
 Band Edge Frequency 5150 MHz



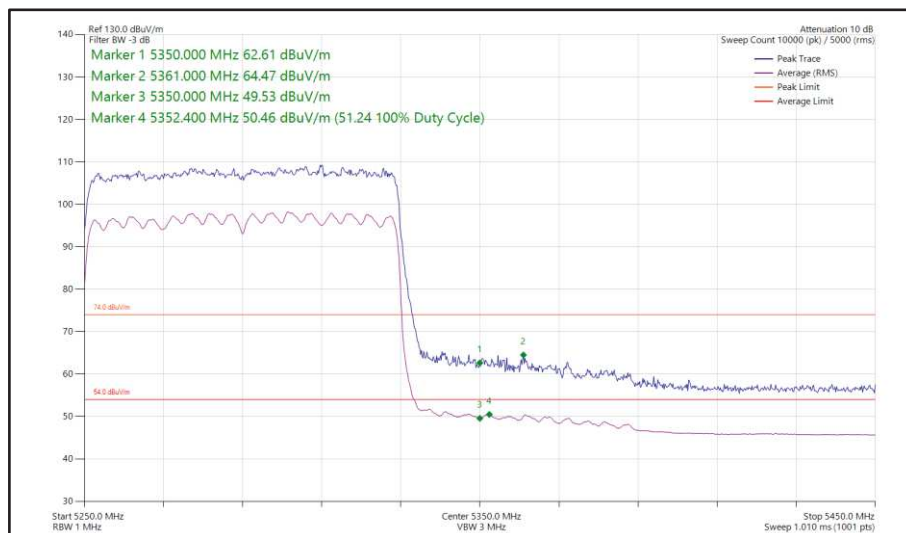
**Figure 177 - 802.11ax HE80, SU, SDM, Core 0 + Core 1 - 5210 MHz
Band Edge Frequency 5150 MHz**



**Figure 178 - 802.11ax HE80, RU 106-53, SDM, Core 0 + Core 1 - 5210 MHz
Band Edge Frequency 5150 MHz**



**Figure 179 - 802.11ac VHT80, SDM, Core 0 + Core 1 - 5290 MHz
Band Edge Frequency 5350 MHz**



**Figure 180 - 802.11ax HE80, SU, SDM, Core 0 + Core 1 - 5290 MHz
Band Edge Frequency 5350 MHz**

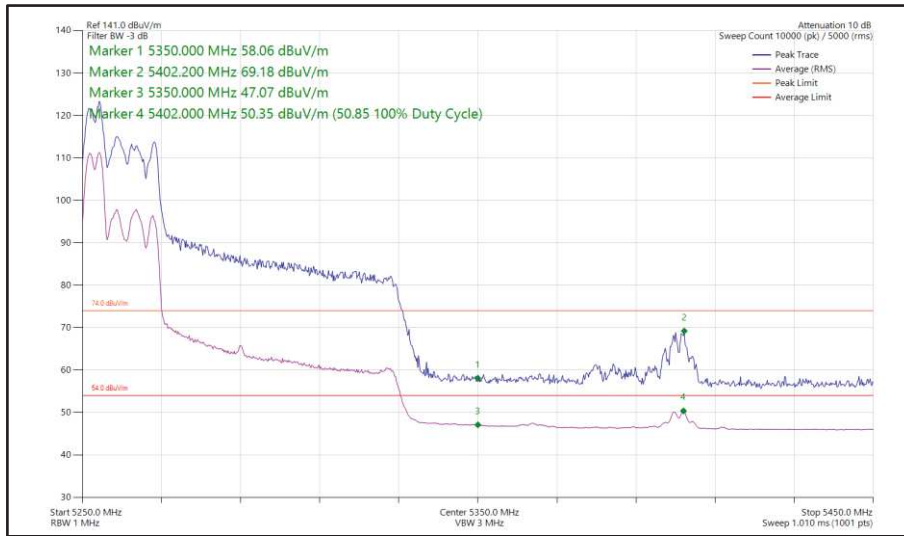


Figure 181 - 802.11ax HE80, RU 52-37, SDM, Core 0 + Core 1 - 5290 MHz
Band Edge Frequency 5350 MHz

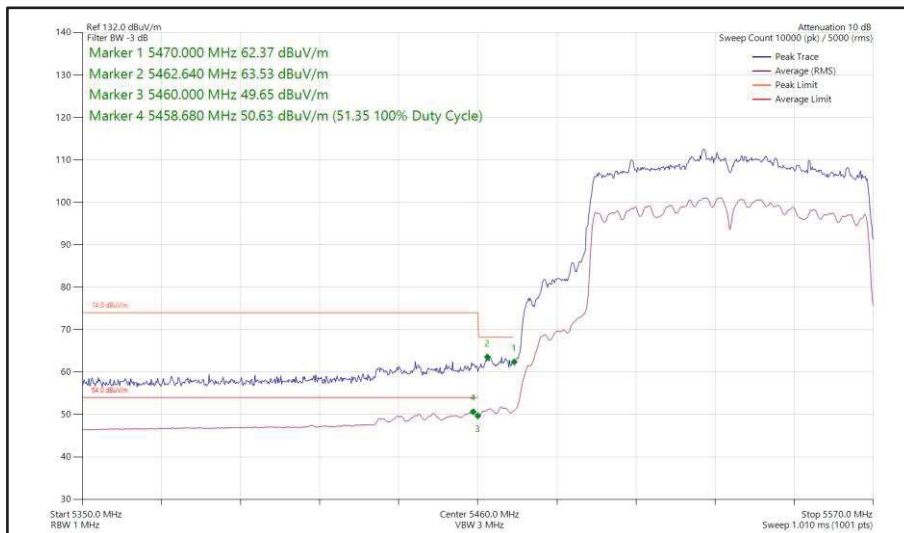
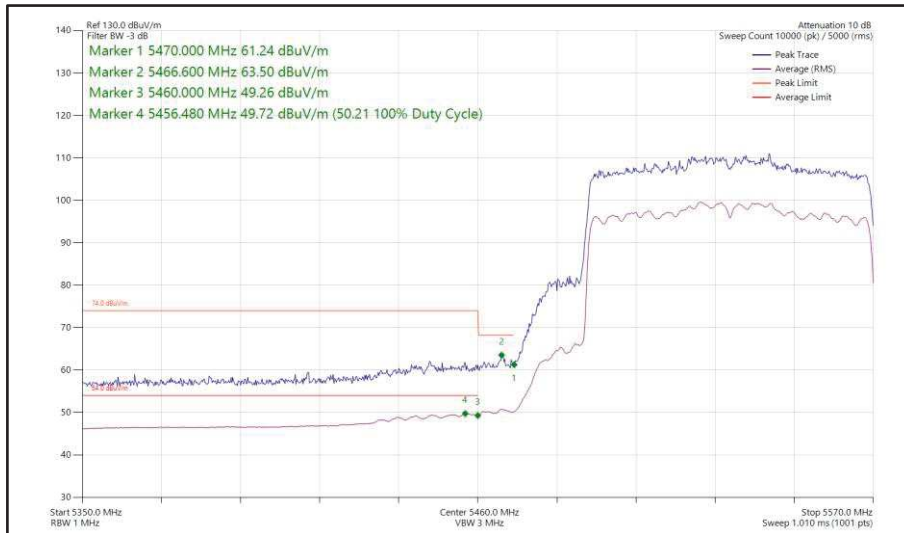
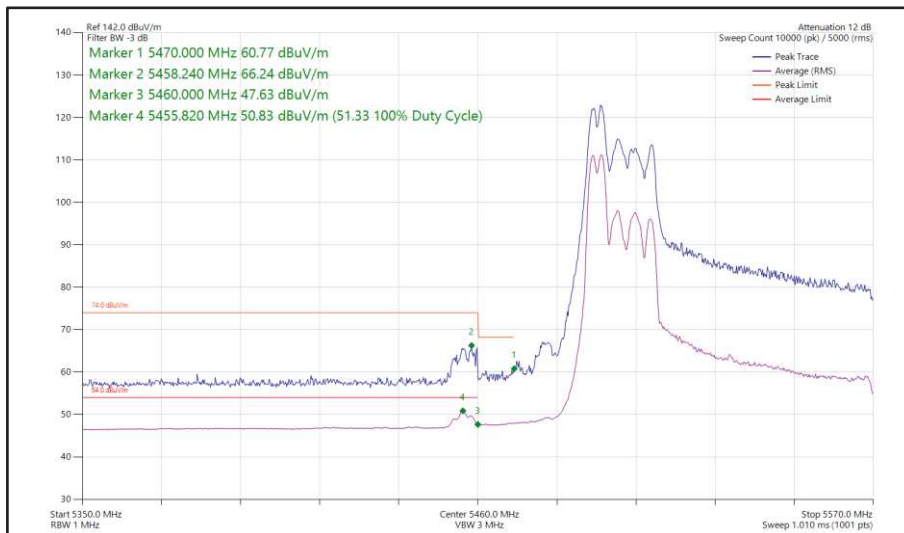


Figure 182 - 802.11ac VHT80, SDM, Core 0 + Core 1 - 5530 MHz
Band Edge Frequency 5460 MHz



**Figure 183 - 802.11ax HE80, SU, SDM, Core 0 + Core 1 - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 184 - 802.11ax HE80, RU 52-37, SDM, Core 0 + Core 1 - 5530 MHz
Band Edge Frequency 5460 MHz**



80 MHz Bandwidth - Core 0 + Core 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	65.58	51.41
802.11ac VHT80	MCS4x1	-	-	5290	5350	63.53	50.88
802.11ac VHT80	MCS8x1	-	-	5530	5460	63.39	49.12

Table 20 - TxBF Restricted Band Edge Results

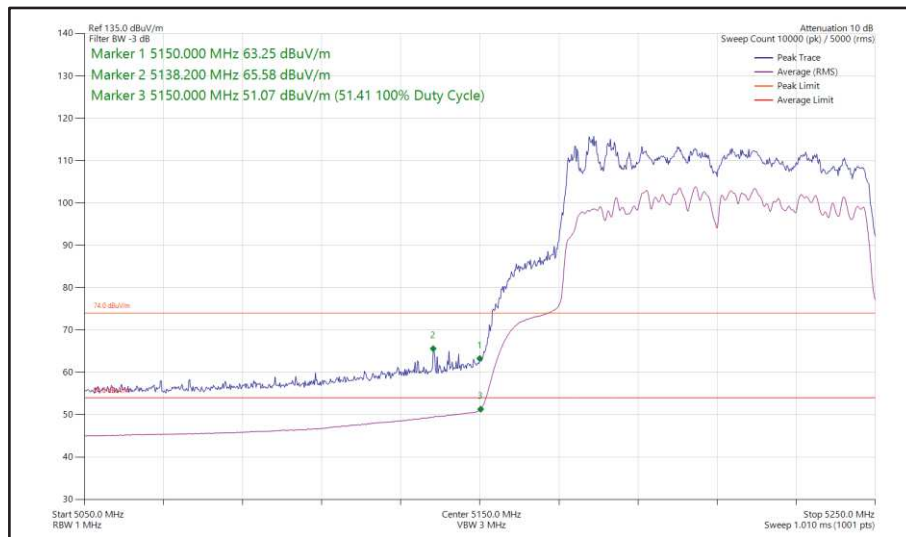


Figure 185 - 802.11ac VHT80, TxBF, Core 0 + Core 1 - 5210 MHz
 Band Edge Frequency 5150 MHz

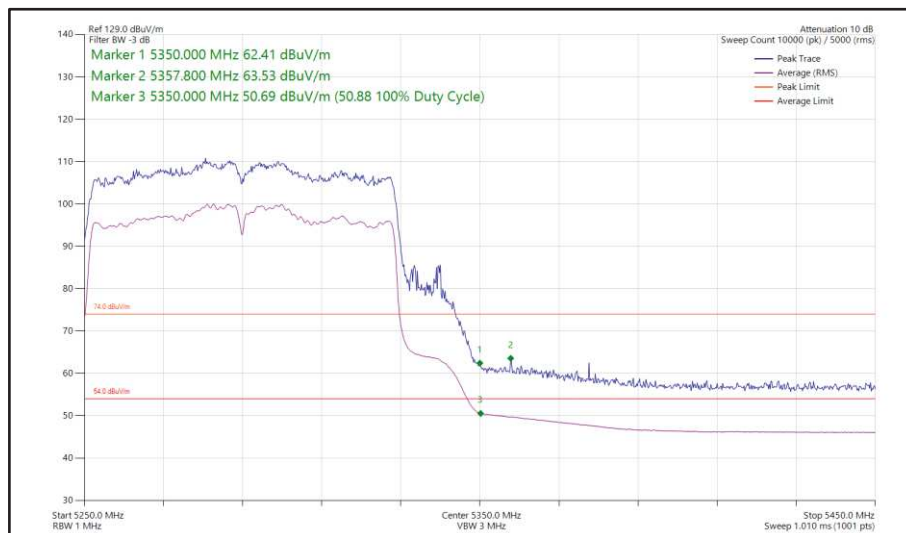
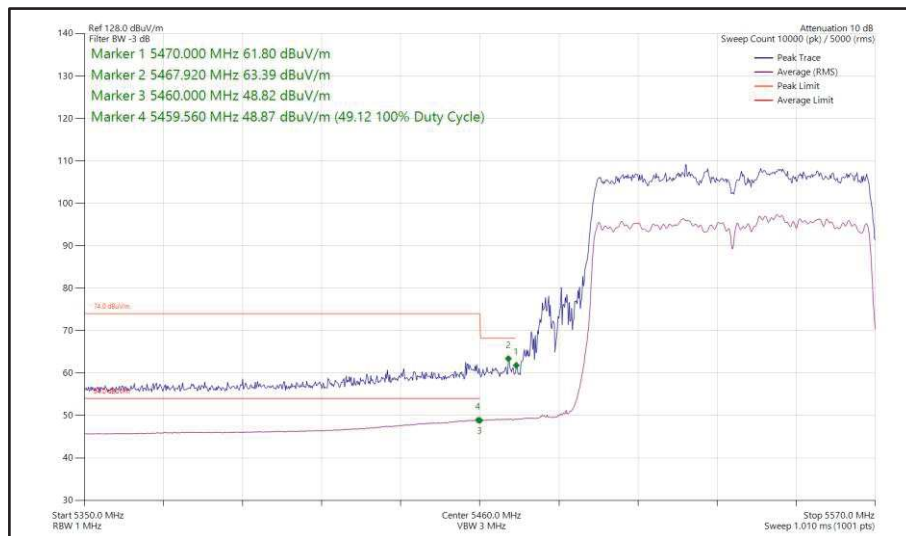


Figure 186 - 802.11ac VHT80, TxBF, Core 0 + Core 1 - 5290 MHz
 Band Edge Frequency 5350 MHz



**Figure 187 - 802.11ac VHT80, TxBF, Core 0 + Core 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	MCS8x1	-	-	5250	5150	62.56	51.33
802.11ax HE160	MCS2x1	SU	-	5250	5150	63.16	51.49
802.11ax HE160	MCS11x1	106	53	5250	5150	68.71	48.15
802.11ac VHT160	MCS8x1	-	-	5250	5350	63.96	51.47
802.11ax HE160	MCS2x1	SU	-	5250	5350	63.15	51.13
802.11ax HE160	MCS11x1	52	52	5250	5350	69.21	47.68
802.11ac VHT160	MCS8x1	-	-	5570	5460	61.82	51.50
802.11ax HE160	MCS2x1	SU	-	5570	5460	62.82	51.26
802.11ax HE160	MCS11x1	106	53	5570	5460	63.52	47.98

Table 21 - SISO Restricted Band Edge Results

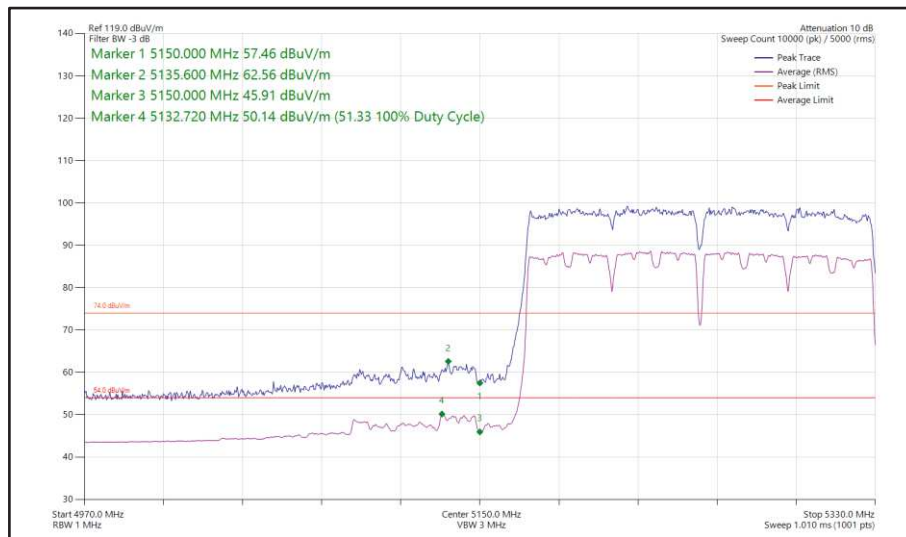
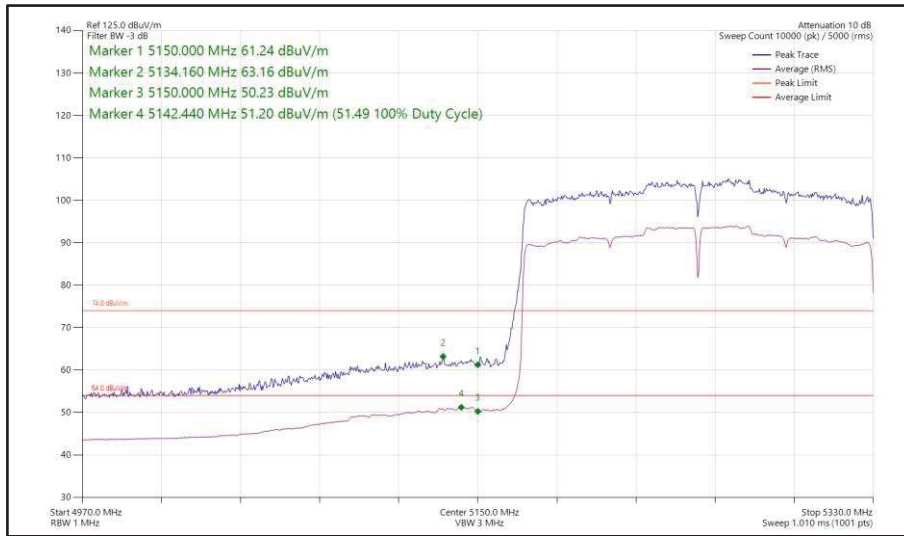
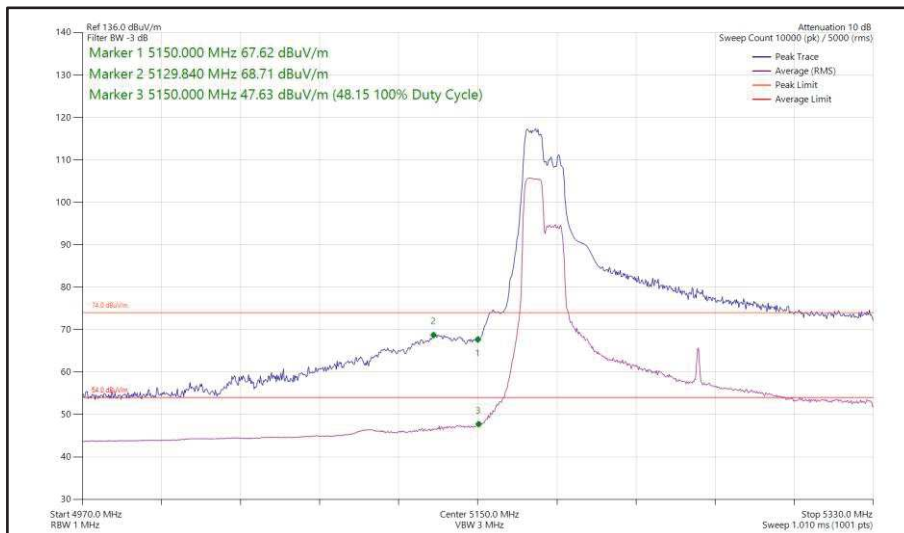


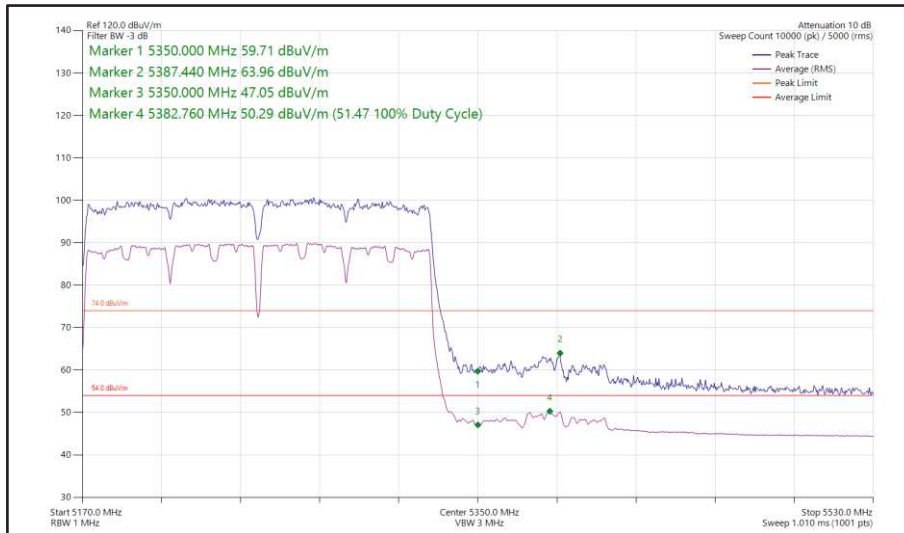
Figure 188 - 802.11ac VHT160, SISO, Core 0 - 5250 MHz
 Band Edge Frequency 5150 MHz



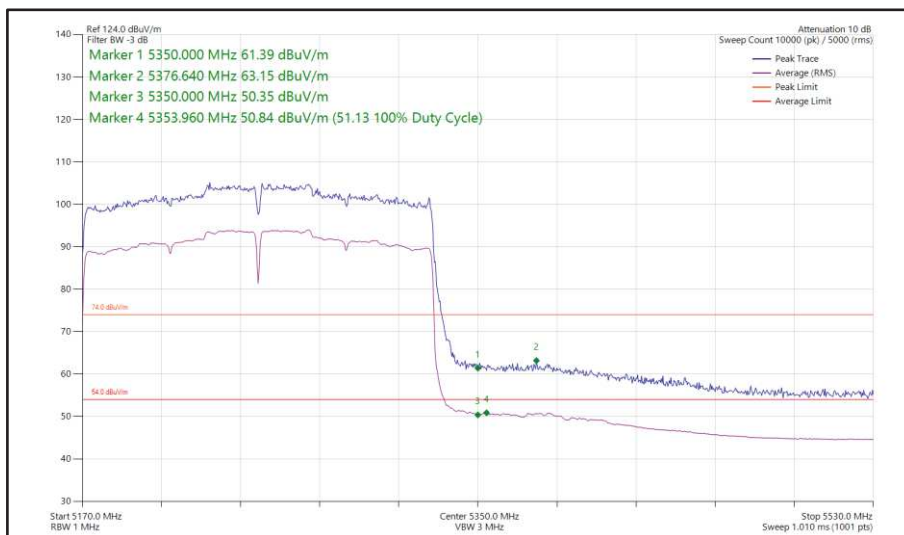
**Figure 189 - 802.11ax HE160, SU, SISO, Core 0 - 5250 MHz
Band Edge Frequency 5150 MHz**



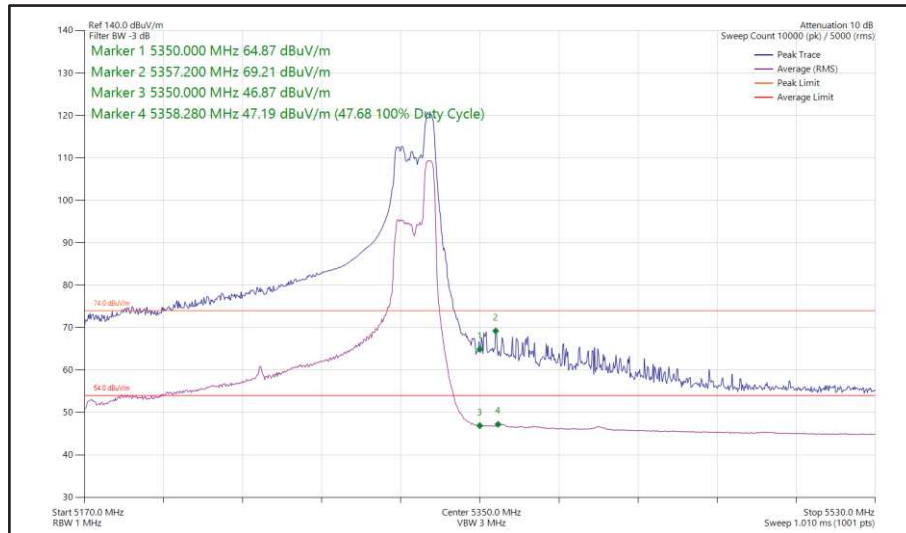
**Figure 190 - 802.11ax HE160, RU 106-53, SISO, Core 0 - 5250 MHz
Band Edge Frequency 5150 MHz**



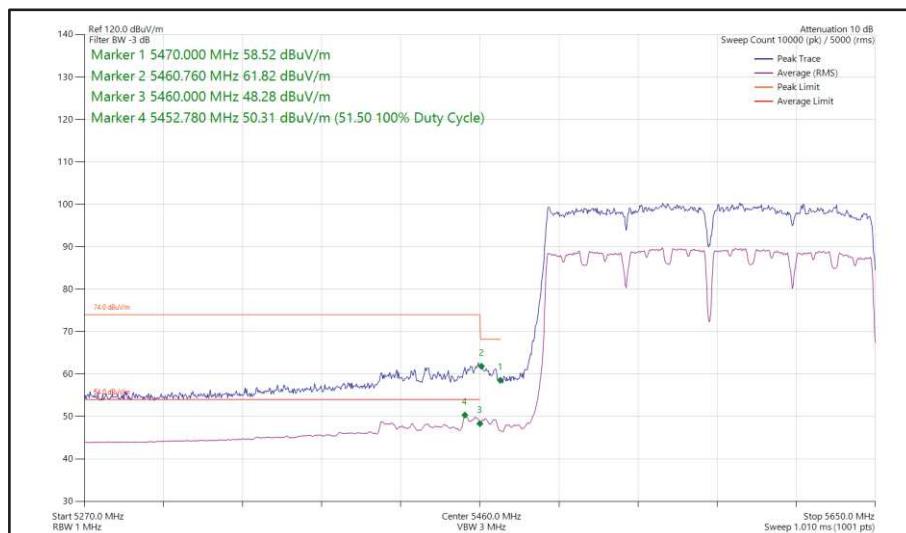
**Figure 191 - 802.11ac VHT160, SISO, Core 0 - 5250 MHz
Band Edge Frequency 5350 MHz**



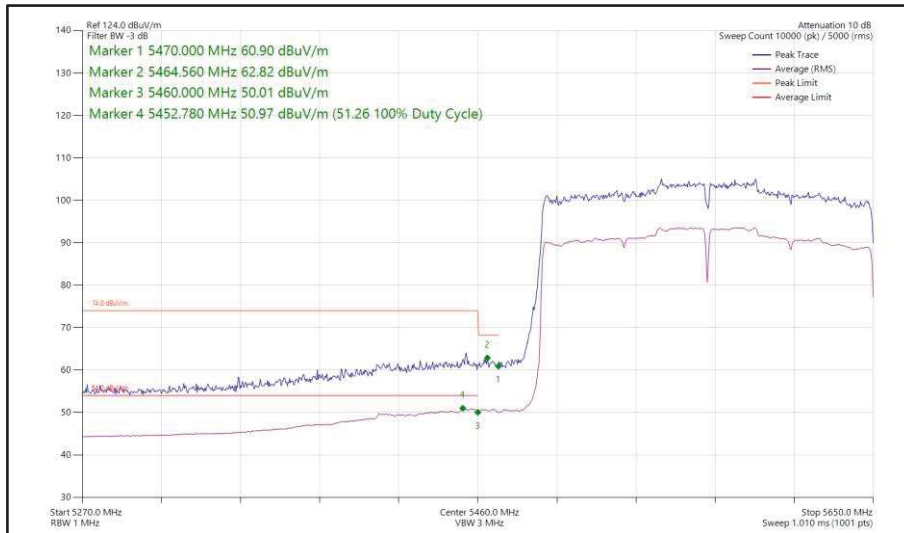
**Figure 192 - 802.11ax HE160, SU, SISO, Core 0 - 5250 MHz
Band Edge Frequency 5350 MHz**



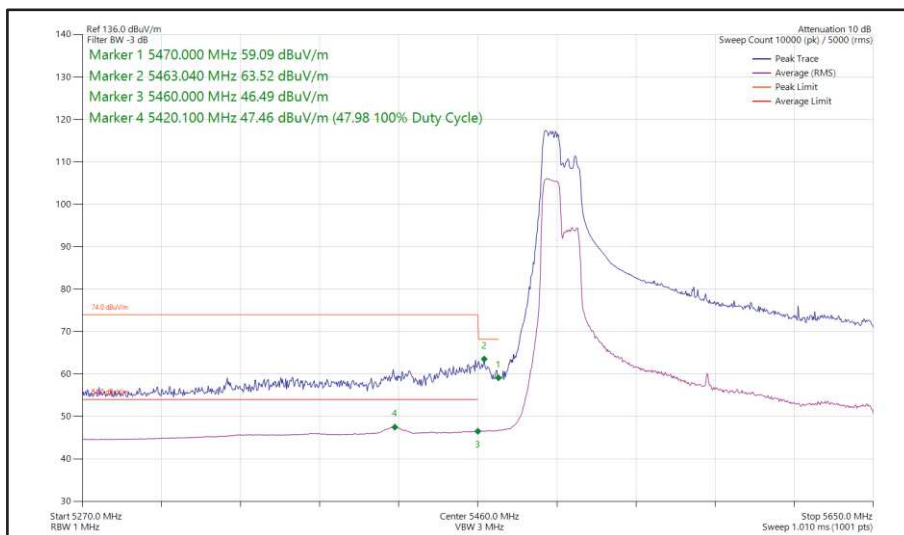
**Figure 193 - 802.11ax HE160, RU 52-52, SISO, Core 0 - 5250 MHz
Band Edge Frequency 5350 MHz**



**Figure 194 - 802.11ac VHT160, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5460 MHz**



**Figure 195 - 802.11ax HE160, SU, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5460 MHz**



**Figure 196 - 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	MCS8x1	-	-	5250	5150	62.25	51.38
802.11ax HE160	MCS11x1	SU	-	5250	5150	64.03	51.42
802.11ax HE160	MCS11x1	106	53	5250	5150	69.21	49.06
802.11ac VHT160	MCS4x1	-	-	5250	5350	63.41	51.29
802.11ax HE160	MCS4x1	SU	-	5250	5350	63.97	51.30
802.11ax HE160	MCS11x1	106	60	5250	5350	68.90	50.07
802.11ac VHT160	MCS2x1	-	-	5570	5460	61.86	51.32
802.11ax HE160	MCS2x1	SU	-	5570	5460	62.26	51.38
802.11ax HE160	MCS11x1	106	53	5570	5460	63.31	47.96

Table 22 - SISO Restricted Band Edge Results

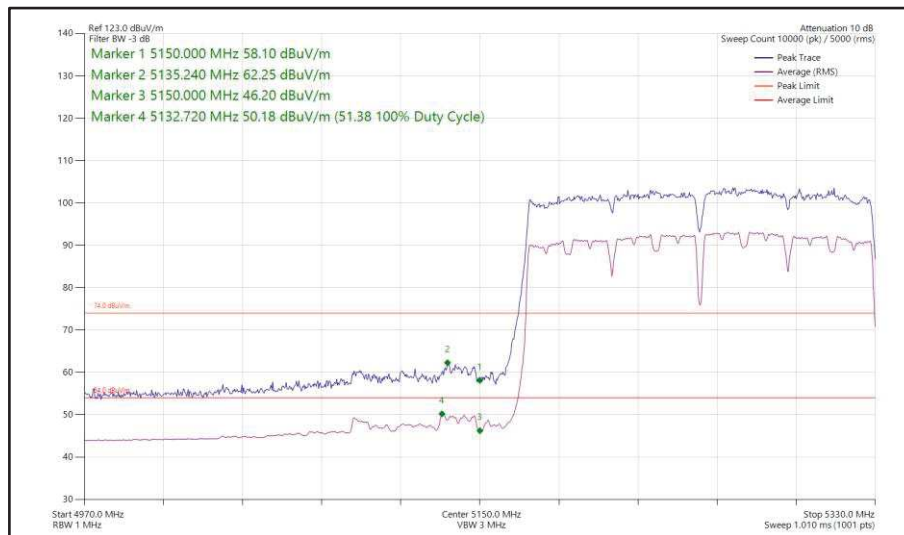
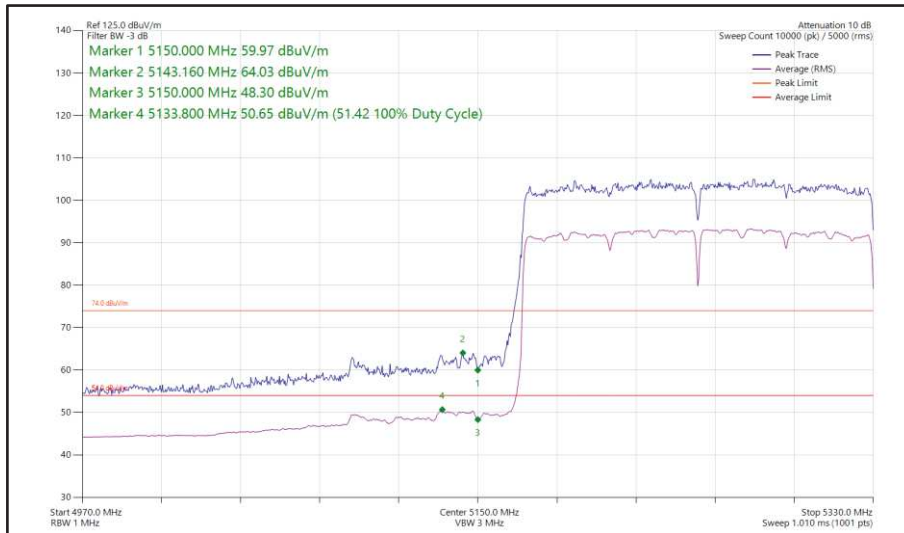
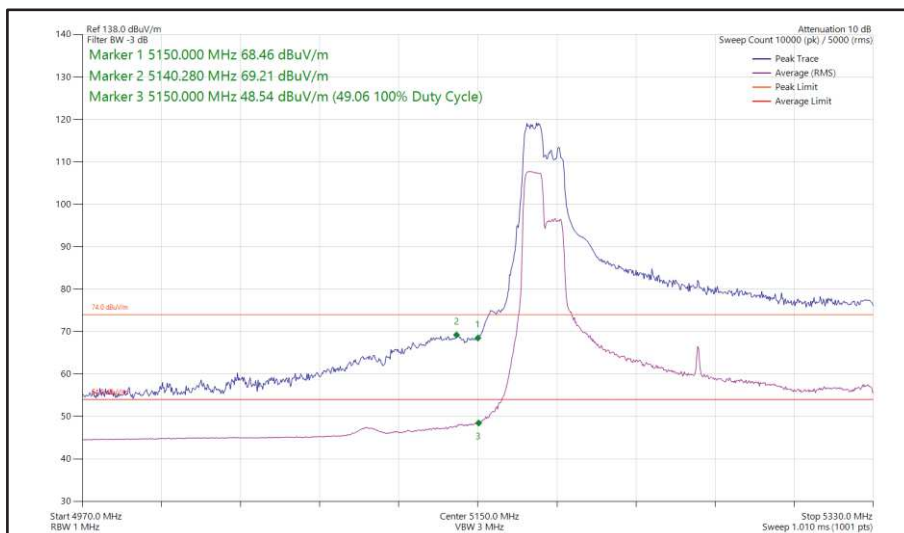


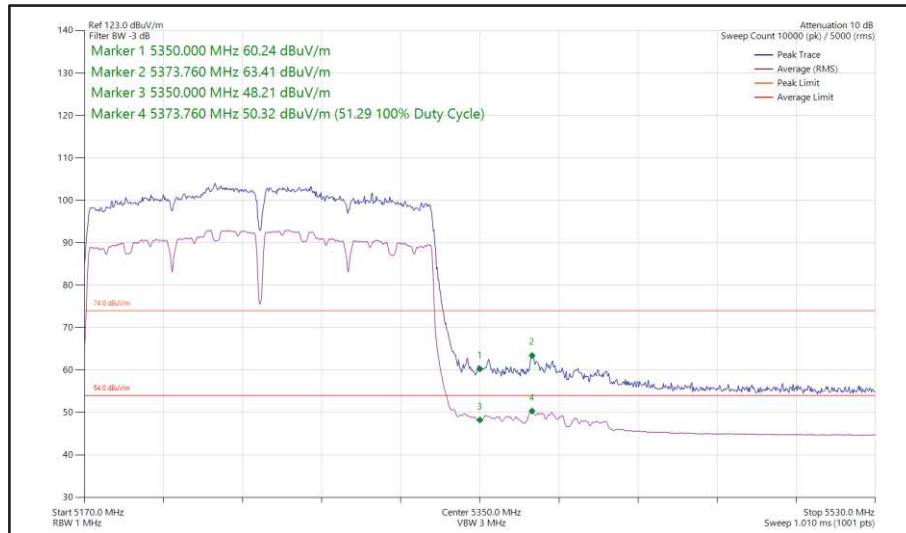
Figure 197 - 802.11ac VHT160, SISO, Core 1 - 5250 MHz
 Band Edge Frequency 5150 MHz



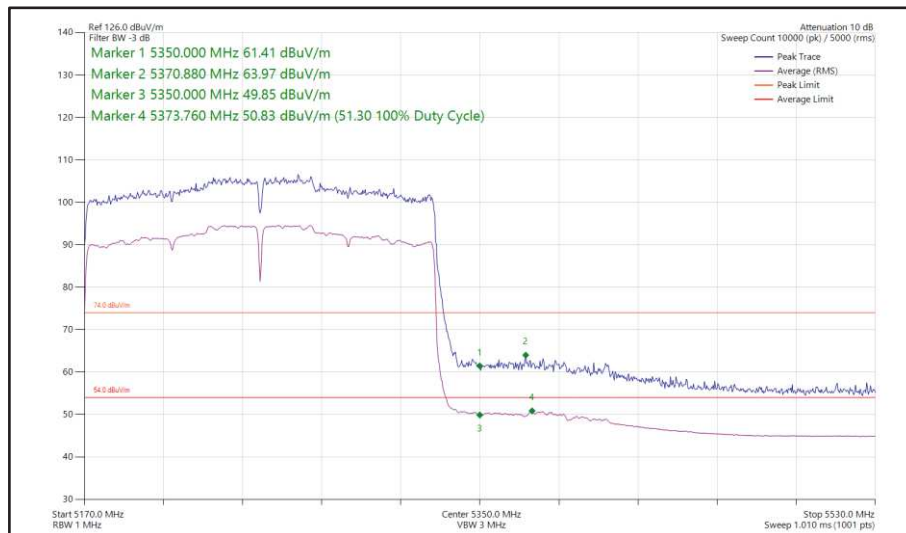
**Figure 198 - 802.11ax HE160, SU, SISO, Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**



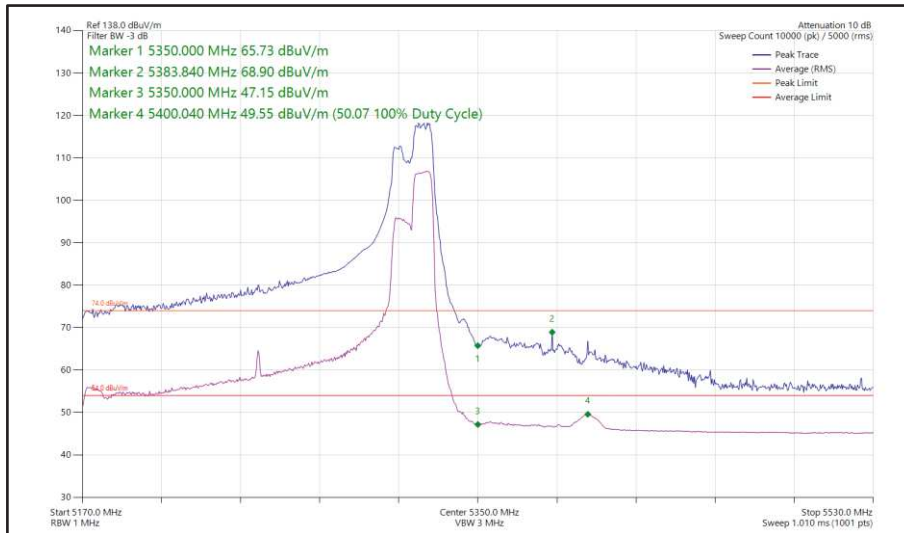
**Figure 199 - 802.11ax HE160, RU 106-53, SISO, Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**



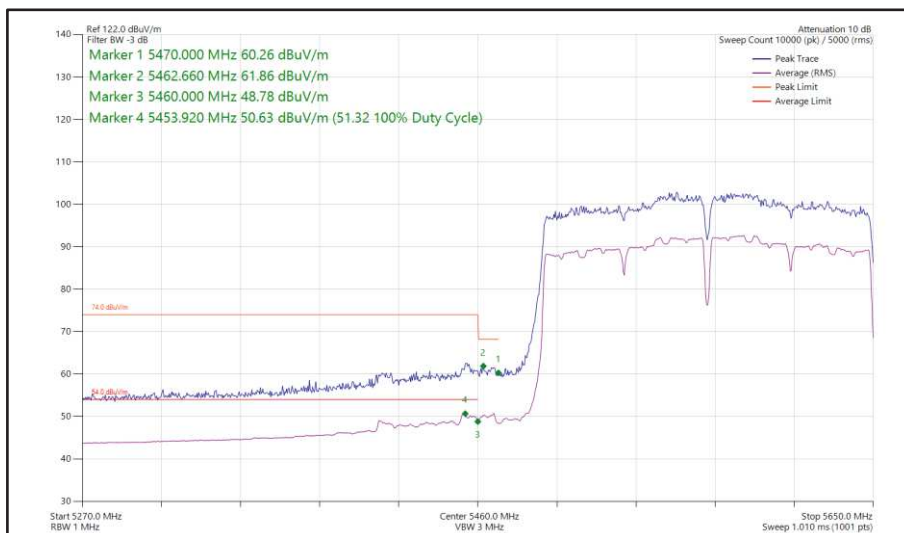
**Figure 200 - 802.11ac VHT160, SISO, Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**



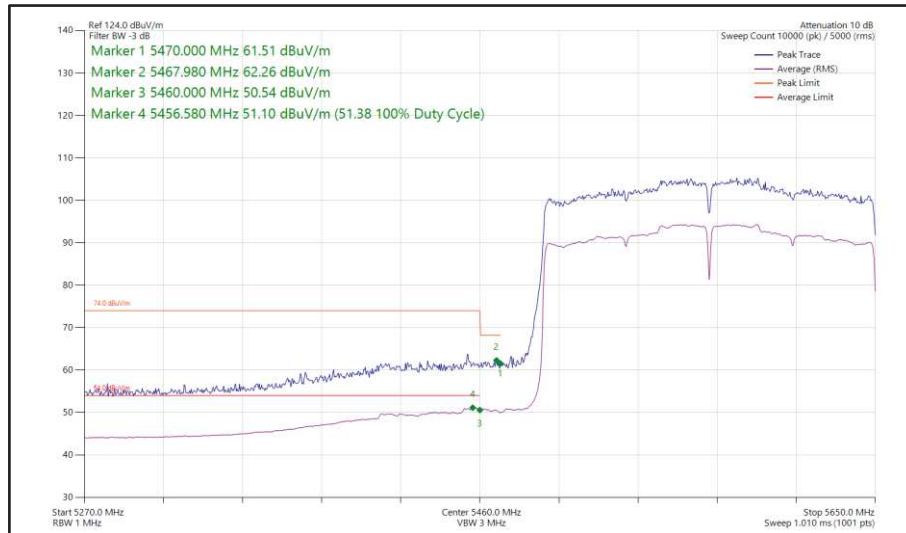
**Figure 201 - 802.11ax HE160, SU, SISO, Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**



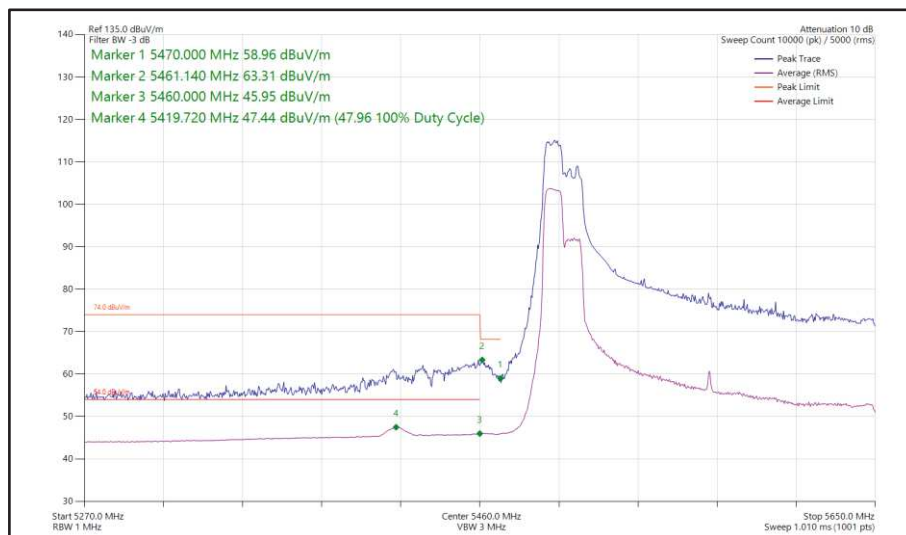
**Figure 202 - 802.11ax HE160, RU 106-60, SISO, Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**



**Figure 203 - 802.11ac VHT160, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz**



**Figure 204 - 802.11ax HE160, SU, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz**



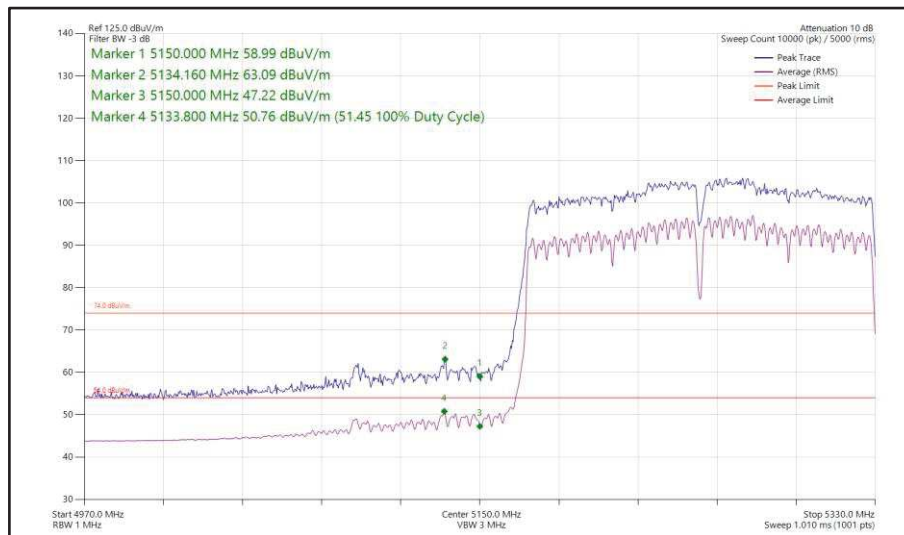
**Figure 205 - 802.11ax HE160, RU 106-53, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz**



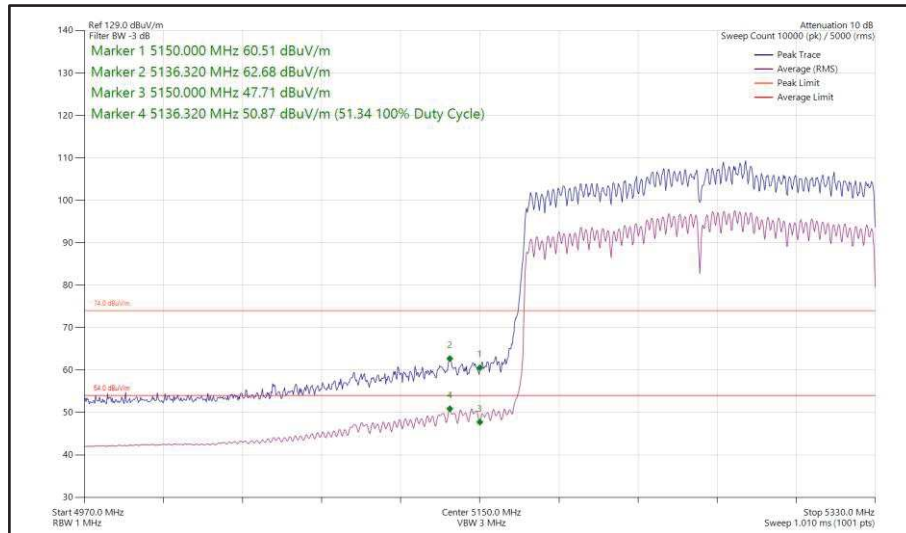
160 MHz Bandwidth - Core 0 + Core 1 (CDD)

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	63.09	51.45
802.11ax HE160	MCS4x1	SU	-	5250	5150	62.68	51.34
802.11ax HE160	MCS11x1	52	37	5250	5150	65.30	51.49
802.11ac VHT160	MCS4x1	-	-	5250	5350	63.66	51.22
802.11ax HE160	MCS2x1	SU	-	5250	5350	63.93	51.21
802.11ax HE160	MCS11x1	52	52	5250	5350	66.69	51.47
802.11ac VHT160	MCS2x1	-	-	5570	5460	61.83	51.35
802.11ax HE160	MCS11x1	SU	-	5570	5460	63.08	51.35
802.11ax HE160	MCS11x1	52	37	5570	5460	61.53	51.47

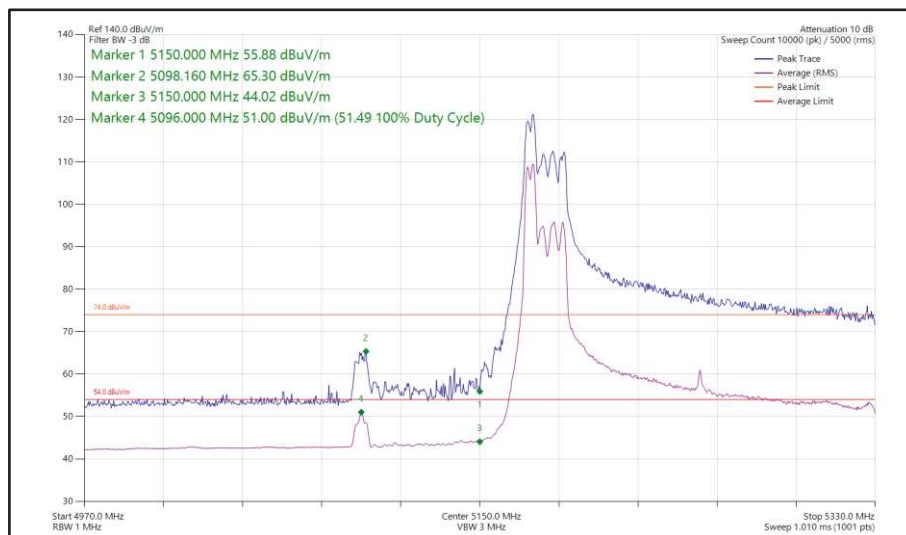
Table 23 - CDD Restricted Band Edge Results



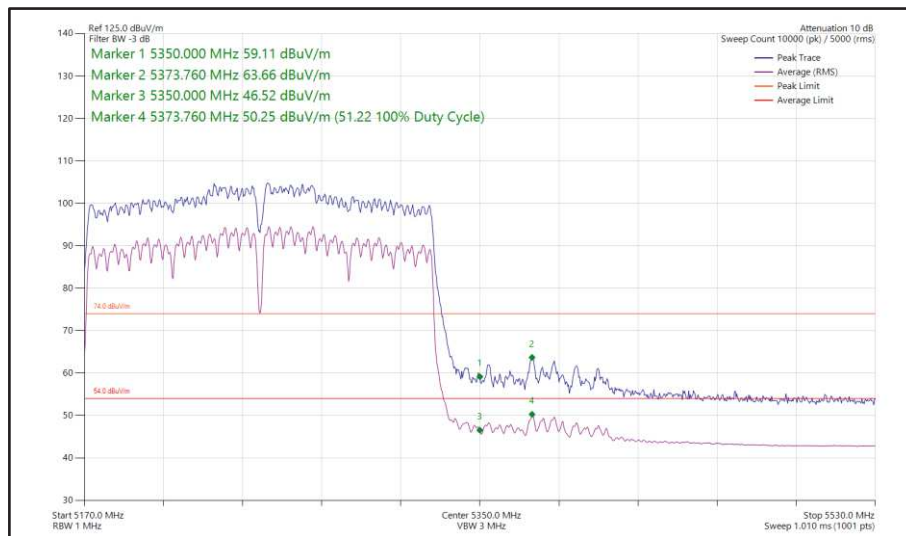
**Figure 206 - 802.11ac VHT160, CDD, Core 0 + Core 1 - 5250 MHz
 Band Edge Frequency 5150 MHz**



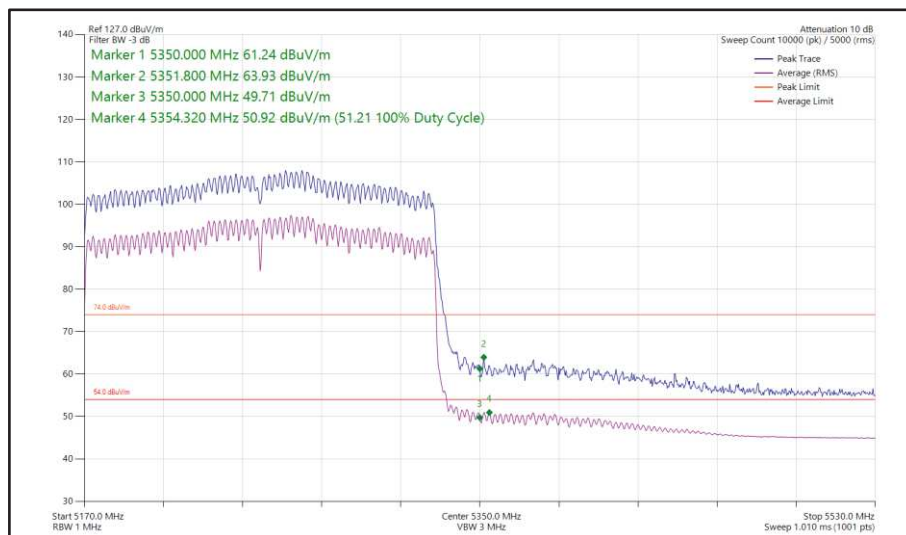
**Figure 207 - 802.11ax HE160, SU, CDD, Core 0 + Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**



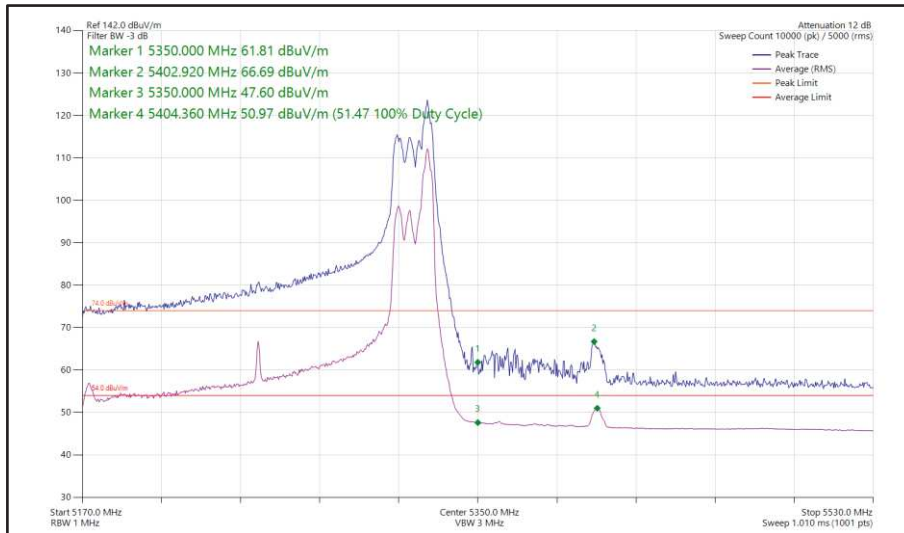
**Figure 208 - 802.11ax HE160, RU 52-37, CDD, Core 0 + Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**



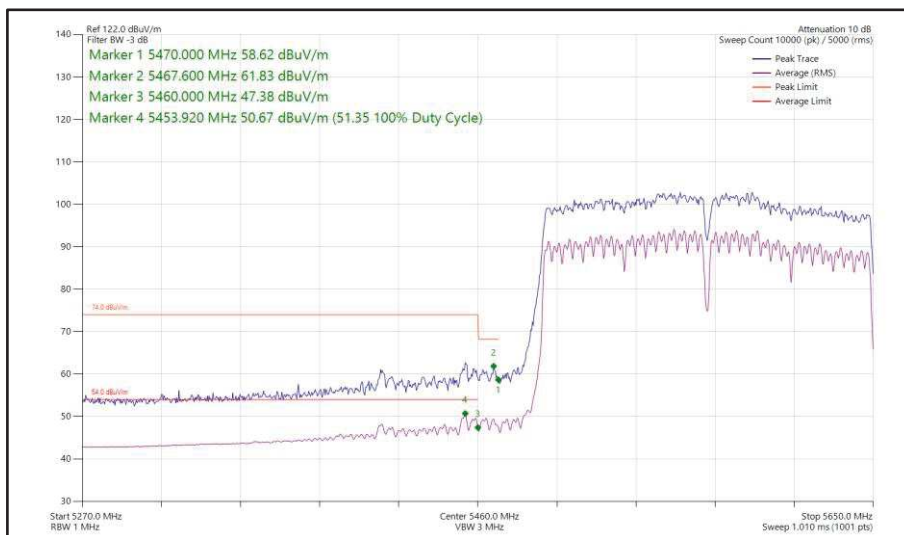
**Figure 209 - 802.11ac VHT160, CDD, Core 0 + Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**



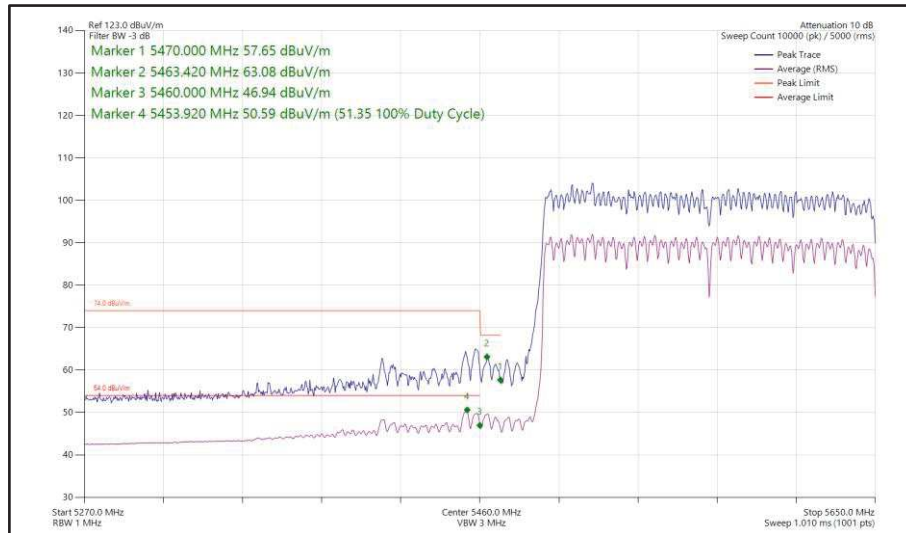
**Figure 210 - 802.11ax HE160, SU, CDD, Core 0 + Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**



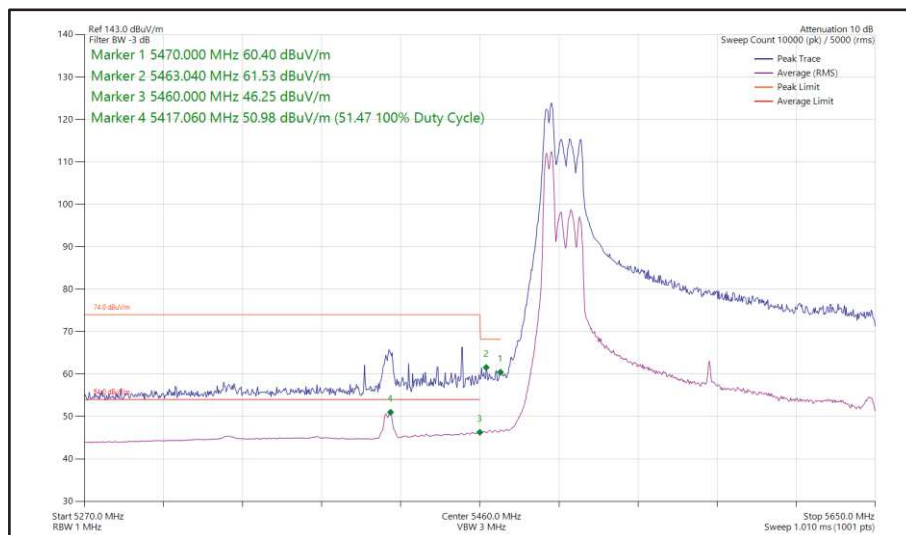
**Figure 211 - 802.11ax HE160, RU 52-52, CDD, Core 0 + Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**



**Figure 212 - 802.11ac VHT160, CDD, Core 0 + Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz**



**Figure 213 - 802.11ax HE160, SU, CDD, Core 0 + Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz**



**Figure 214 - 802.11ax HE160, RU 52-37, CDD, Core 0 + Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz**



160 MHz Bandwidth - Core 0 + Core 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	MCS4x2	-	-	5250	5150	61.66	51.26
802.11ax HE160	MCS11x2	SU	-	5250	5150	63.30	51.39
802.11ax HE160	MCS11x2	106	53	5250	5150	69.07	50.12
802.11ac VHT160	MCS4x2	-	-	5250	5350	62.69	51.20
802.11ax HE160	MCS2x2	SU	-	5250	5350	63.14	51.17
802.11ax HE160	MCS11x2	52	52	5250	5350	67.68	51.38
802.11ac VHT160	MCS4x2	-	-	5570	5460	61.73	51.26
802.11ax HE160	MCS11x2	SU	-	5570	5460	61.90	51.31
802.11ax HE160	MCS11x2	106	53	5570	5460	62.66	51.29

Table 24 - SDM Restricted Band Edge Results

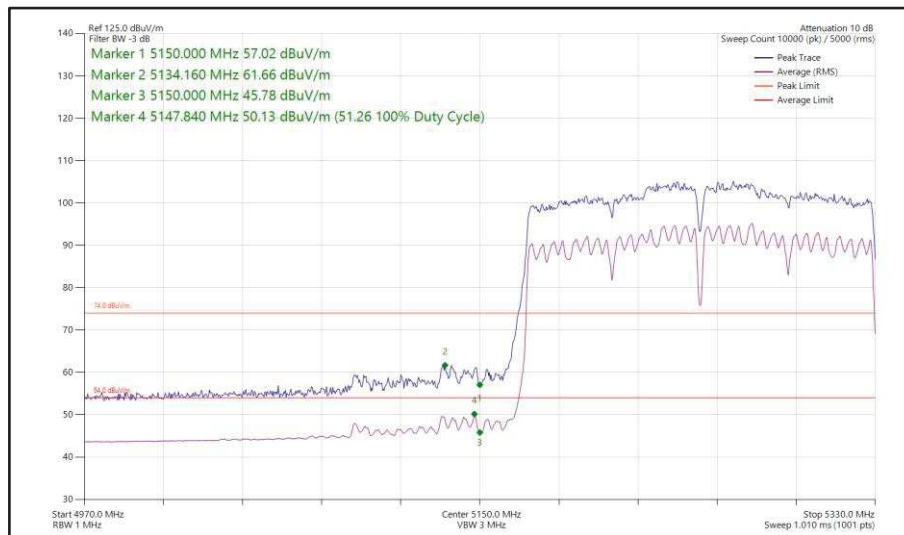
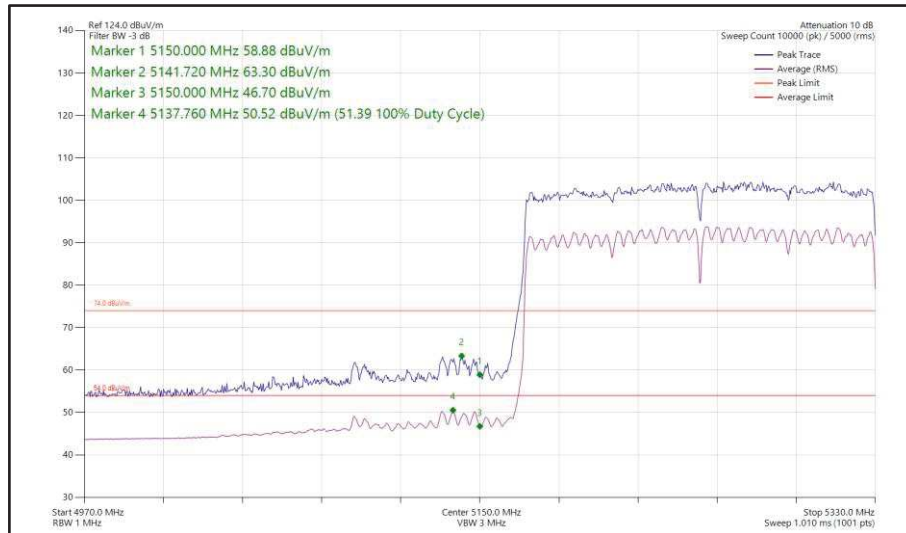
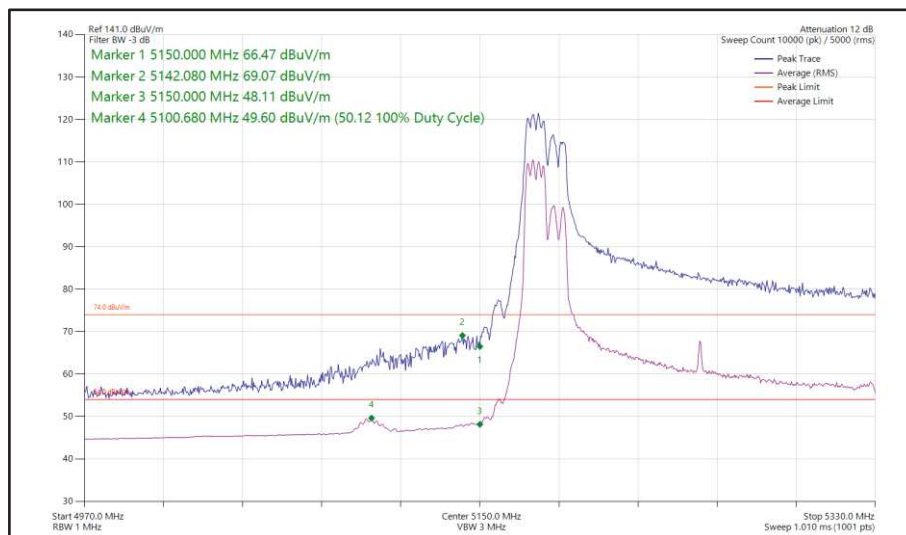


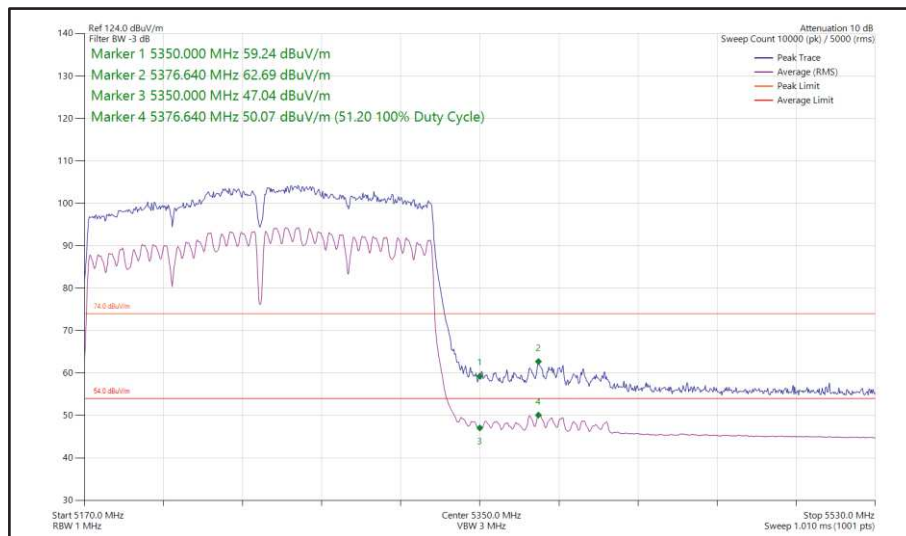
Figure 215 - 802.11ac VHT160, SDM, Core 0 + Core 1 - 5250 MHz Band Edge Frequency 5150 MHz



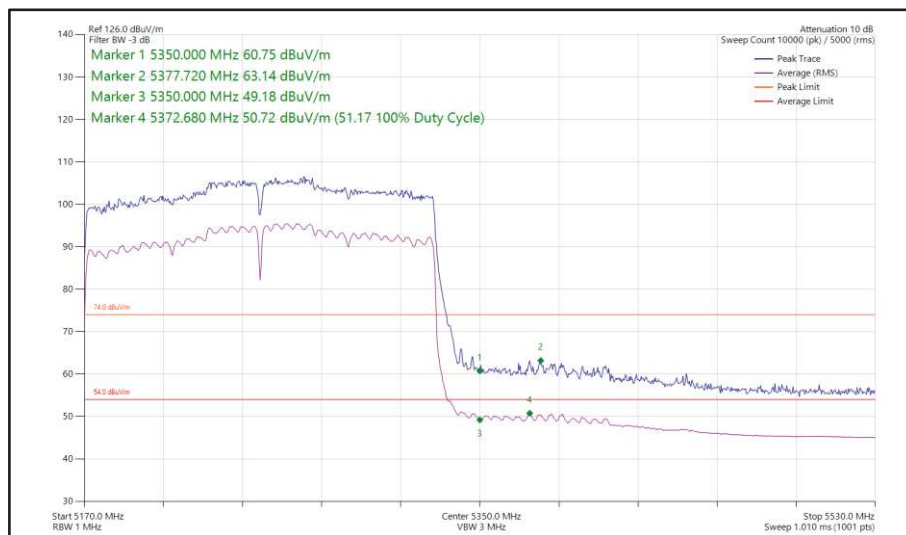
**Figure 216 - 802.11ax HE160, SU, SDM, Core 0 + Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**



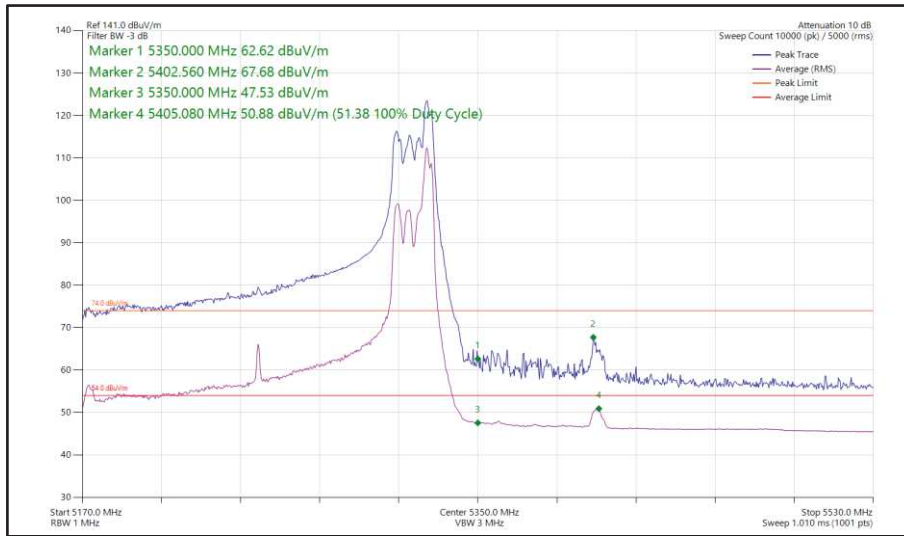
**Figure 217 - 802.11ax HE160, RU 106-53, SDM, Core 0 + Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**



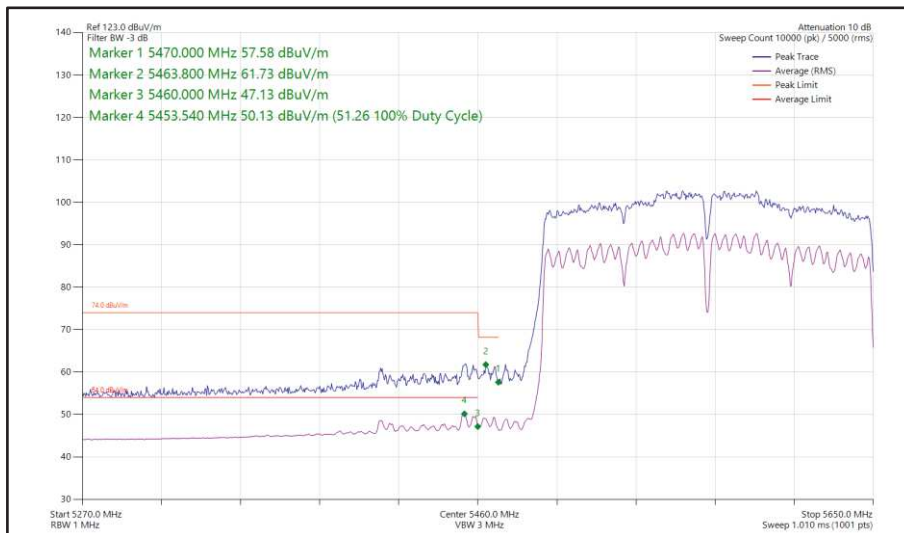
**Figure 218 - 802.11ac VHT160, SDM, Core 0 + Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**



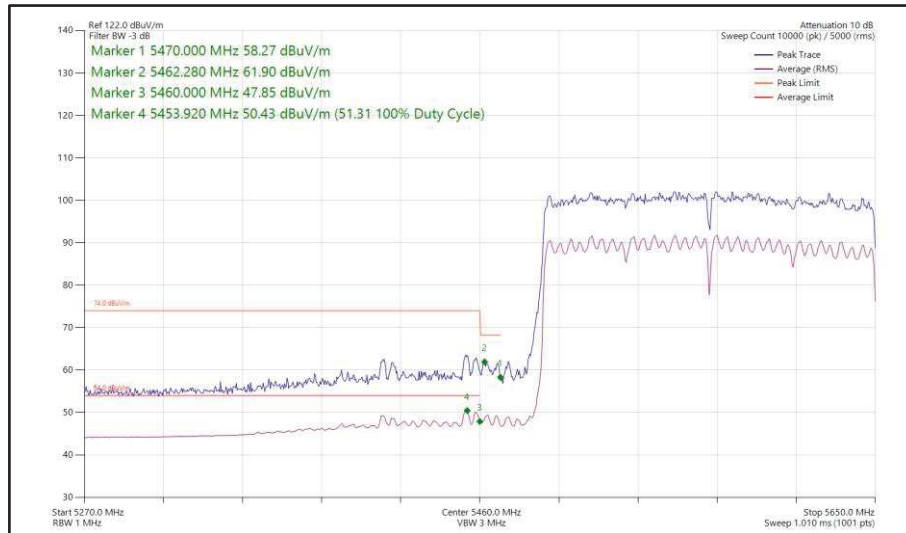
**Figure 219 - 802.11ax HE160, SU, SDM, Core 0 + Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**



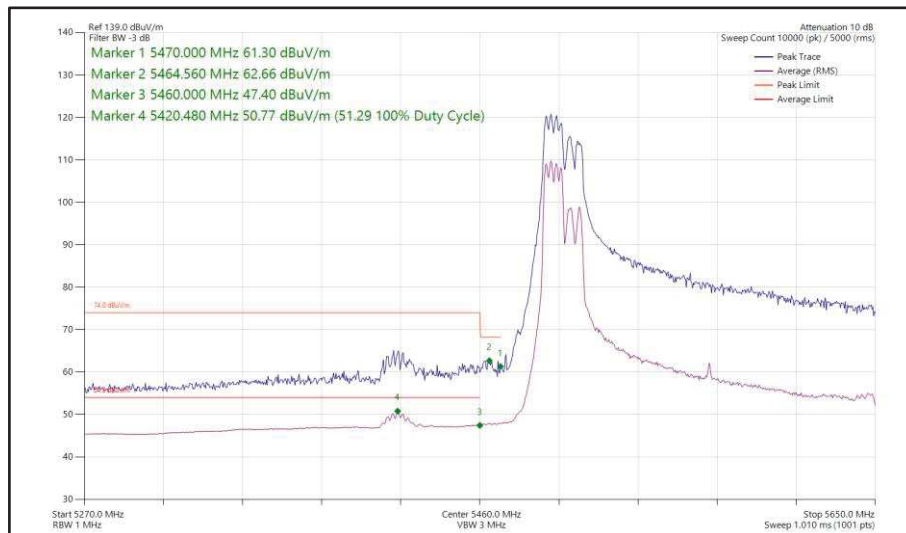
**Figure 220 - 802.11ax HE160, RU 52-52, SDM, Core 0 + Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**



**Figure 221 - 802.11ac VHT160, SDM, Core 0 + Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz**



**Figure 222 - 802.11ax HE160, SU, SDM, Core 0 + Core 1 - 5570 MHz
 Band Edge Frequency 5460 MHz**



**Figure 223 - 802.11ax HE160, RU 106-53, SDM, Core 0 + Core 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 (dB μ V/m)	Average (dB μ V/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 14 and RF Chamber 15.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Cable (18 GHz)	Rosenberger	LU7-071-1000	5096	12	23-Oct-2023
Emissions Software	TUV SUD	EmX V3.1.12	5125	-	Software
Pre-amplifier (30 dB, 1GHz to 18GHz)	Schwarzbeck	BBV 9718 C	5261	12	14-Apr-2024
EMI Test Receiver	Rohde & Schwarz	ESW44	5911	12	05-May-2024
Test Receiver	Rohde & Schwarz	ESW44	5914	12	24-Feb-2024
1500W (300V 12A) AC Power Supply	iTech	IT7324	5956	-	O/P Mon
1500W (300V 12A) AC Power Supply	iTech	IT7324	5957	-	O/P Mon
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 14	5958	36	26-Apr-2025
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5960	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5961	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5962	-	TU
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 15	5963	36	28-Apr-2025
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5966	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5967	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5968	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5997	12	14-Sep-2023
Cable (SMA to SMA 6.5m)	Junkosha	MWX221-06500AMSAMS/B	6003	12	05-Jun-2024
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6008	12	05-Jun-2024
Cable (SMA to SMA 6.5m)	Junkosha	MWX221-06500AMSAMS/B	6014	12	08-Aug-2023
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6140	12	21-Aug-2023
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6141	12	21-Aug-2023
SAC Switch Unit	TUV SUD	TUV_SSU_001	6144	12	05-Dec-2023
Digital Multimeter	Fluke	115	6145	12	15-Jun-2024
Digital Multimeter	Fluke	115	6147	12	16-Jun-2024
Humidity & Temperature meter	R.S Components	1364	6149	12	17-Sep-2023
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	12-Dec-2023
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6315	12	04-Feb-2024
Humidity and Temperature Meter	R.S Components	1364	6486	12	18-Apr-2024

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

A2991, S/N: Y7RPXWJ9N9 - Modification State 0
A2991, S/N: LT4JJ1WVVR - Modification State 0

2.2.3 Date of Test

17-August-2023 to 14-September-2023

2.2.4 Test Method

The test was performed in accordance with ANSI C63.10, 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	21.8 - 22.3 °C
Relative Humidity	48.8 - 53.3 %



2.2.6 Test Results

5 GHz WLAN

SISO

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11a	20.700	21.480
802.11n HT20	20.940	22.620
802.11n HT40	41.280	43.200
802.11ac VHT80	83.600	93.280
802.11ac VHT160	165.900	165.900
802.11ax HE20 SU	21.000	24.600
802.11ax HE40 SU	41.280	43.920
802.11ax HE80 SU	83.160	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	15.900	16.260
802.11n HT20	17.460	17.640
802.11n HT40	35.880	35.880
802.11ac VHT80	75.680	75.680
802.11ax HE20 SU	19.020	19.080
802.11ax HE40 SU	38.040	38.160
802.11ax HE80 SU	77.440	77.440

Table 28 - 6 dB Bandwidth Summary Results - SISO



Figure 224 - 802.11a Minimum 6 dB EBW



Figure 225 - 802.11a Maximum 6 dB EBW



Figure 226 - 802.11n HT20 Minimum 6 dB EBW



Figure 227 - 802.11n HT20 Maximum 6 dB EBW



Figure 228 - 802.11n HT40 Minimum 6 dB EBW



Figure 229 - 802.11n HT40 Maximum 6 dB EBW



Figure 230 - 802.11ac VHT80 Minimum 6 dB EBW



Figure 231 - 802.11ac VHT80 Maximum 6 dB EBW



Figure 232 - 802.11ax HE20 SU Minimum 6 dB EBW



Figure 233 - 802.11ax HE20 SU Maximum 6 dB EBW



Figure 234 - 802.11ax HE40 SU Minimum 6 dB EBW

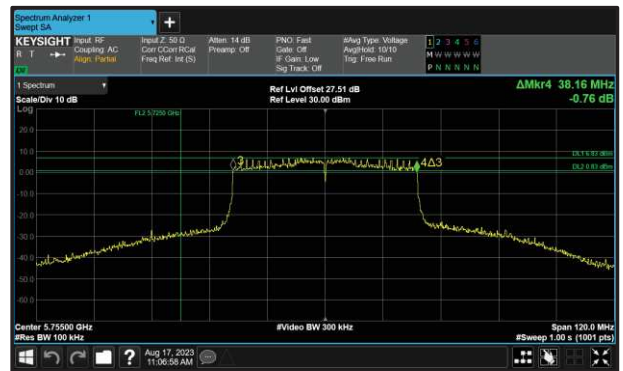


Figure 235 - 802.11ax HE40 SU Maximum 6 dB EBW



Figure 236 - 802.11ax HE80 SU Minimum 6 dB EBW



Figure 237 - 802.11ax HE80 SU Maximum 6 dB EBW



Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11a	16.500	16.680
802.11n HT20	17.640	17.880
802.11n HT40	36.360	36.720
802.11ac VHT80	75.680	75.900
802.11ac VHT160	154.140	154.140
802.11ax HE20 SU	18.900	18.960
802.11ax HE40 SU	37.680	37.920
802.11ax HE80 SU	76.780	77.220
802.11ax HE160 SU	155.820	155.820

Table 29 - 99% Bandwidth Summary Results - SISO



Figure 238 - 802.11a Minimum 99% OBW



Figure 239 - 802.11a Maximum 99% OBW



Figure 240 - 802.11n HT20 Minimum 99% OBW



Figure 241 - 802.11n HT20 Maximum 99% OBW



Figure 242 - 802.11n HT40 Minimum 99% OBW

Figure 243 - 802.11n HT40 Maximum 99% OBW



Figure 244 - 802.11ac VHT80 Minimum 99% OBW

Figure 245 - 802.11ac VHT80 Maximum 99% OBW



Figure 246 - 802.11ac VHT160 Minimum 99% OBW

Figure 247 - 802.11ac VHT160 Maximum 99% OBW



Figure 248 - 802.11ax HE20 SU Minimum 99% OBW



Figure 249 - 802.11ax HE20 SU Maximum 99% OBW



Figure 250 - 802.11ax HE40 SU Minimum 99% OBW



Figure 251 - 802.11ax HE40 SU Maximum 99% OBW



Figure 252 - 802.11ax HE80 SU Minimum 99% OBW



Figure 253 - 802.11ax HE80 SU Maximum 99% OBW



Figure 254 - 802.11ax HE160 SU Minimum 99% OBW



Figure 255 - 802.11ax HE160 SU Maximum 99% OBW



MIMO CDD

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	20.880	22.800
802.11n HT40	41.280	44.520
802.11ac VHT80	84.040	87.120
802.11ac VHT160	165.480	165.480
802.11ax HE20 SU	20.880	24.540
802.11ax HE40 SU	41.520	44.400
802.11ax HE80 SU	82.940	85.140
802.11ax HE160 SU	165.060	165.900

Table 30 - 26 dB Bandwidth Summary Results - MIMO CDD

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	17.040	17.340
802.11n HT40	35.280	35.640
802.11ac VHT80	75.680	75.680
802.11ax HE20 SU	18.900	19.080
802.11ax HE40 SU	37.920	38.040
802.11ax HE80 SU	76.780	77.220

Table 31 - 6 dB Bandwidth Summary Results - MIMO CDD



Figure 256 - 802.11n HT20 Minimum 6 dB EBW



Figure 257 - 802.11n HT20 Maximum 6 dB EBW



Figure 258 - 802.11n HT40 Minimum 6 dB EBW



Figure 259 - 802.11n HT40 Maximum 6 dB EBW



Figure 260 - 802.11ac VHT80 Minimum 6 dB EBW



Figure 261 - 802.11ac VHT80 Maximum 6 dB EBW



Figure 262 - 802.11ax HE20 SU Minimum 6 dB EBW



Figure 263 - 802.11ax HE20 SU Maximum 6 dB EBW



Figure 264 - 802.11ax HE40 SU Minimum 6 dB EBW



Figure 265 - 802.11ax HE40 SU Maximum 6 dB EBW



Figure 266 - 802.11ax HE80 SU Minimum 6 dB EBW



Figure 267 - 802.11ax HE80 SU Maximum 6 dB EBW



Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	17.640	17.880
802.11n HT40	36.240	36.720
802.11ac VHT80	75.680	75.900
802.11ac VHT160	154.140	154.560
802.11ax HE20 SU	18.900	19.020
802.11ax HE40 SU	37.680	37.920
802.11ax HE80 SU	76.780	77.000
802.11ax HE160 SU	155.400	155.820

Table 32 - 99% Bandwidth Summary Results - MIMO CDD



Figure 268 - 802.11n HT20 Minimum 99% OBW



Figure 269 - 802.11n HT20 Maximum 99% OBW



Figure 270 - 802.11n HT40 Minimum 99% OBW



Figure 271 - 802.11n HT40 Maximum 99% OBW



Figure 272 - 802.11ac VHT80 Minimum 99% OBW



Figure 273 - 802.11ac VHT80 Maximum 99% OBW



Figure 274 - 802.11ac VHT160 Minimum 99% OBW

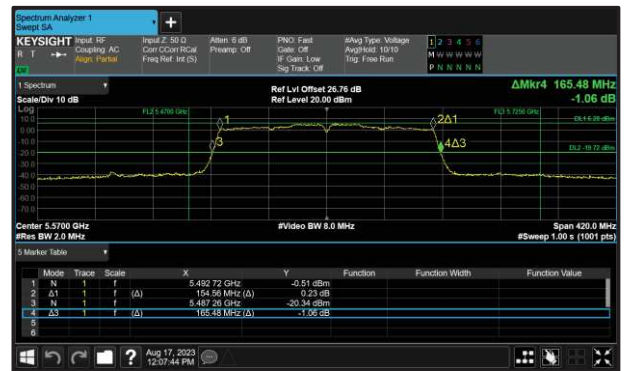


Figure 275 - 802.11ac VHT160 Maximum 99% OBW



Figure 276 - 802.11ax HE20 SU Minimum 99% OBW



Figure 277 - 802.11ax HE20 SU Maximum 99% OBW



Figure 278 - 802.11ax HE40 SU Minimum 99% OBW



Figure 279 - 802.11ax HE40 SU Maximum 99% OBW



Figure 280 - 802.11ax HE80 SU Minimum 99% OBW



Figure 281 - 802.11ax HE80 SU Maximum 99% OBW



Figure 282 - 802.11ax HE160 SU Minimum 99% OBW



Figure 283 - 802.11ax HE160 SU Maximum 99% OBW



MIMO SDM

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	20.880	22.560
802.11n HT40	41.160	45.240
802.11ac VHT80	83.820	99.220
802.11ac VHT160	165.480	165.900
802.11ax HE20 SU	20.940	24.240
802.11ax HE40 SU	41.280	44.520
802.11ax HE80 SU	82.940	85.580
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	16.980	17.640
802.11n HT40	35.280	35.280
802.11ac VHT80	75.680	75.680
802.11ax HE20 SU	18.420	18.960
802.11ax HE40 SU	37.440	38.160
802.11ax HE80 SU	76.120	77.220

Table 34 - 6 dB Bandwidth Summary Results - MIMO SDM



Figure 284 - 802.11n HT20 Minimum 6 dB EBW



Figure 285 - 802.11n HT20 Maximum 6 dB EBW



Figure 286 - 802.11n HT40 Minimum 6 dB EBW



Figure 287 - 802.11n HT40 Maximum 6 dB EBW



Figure 288 - 802.11ac VHT80 Minimum 6 dB EBW



Figure 289 - 802.11ac VHT80 Maximum 6 dB EBW



Figure 290 - 802.11ax HE20 SU Minimum 6 dB EBW



Figure 291 - 802.11ax HE20 SU Maximum 6 dB EBW