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 (dBuV/m)
802.11ac VHT40	MCS2x1	-	-	5190	5150	68.66	49.31
802.11ac VHT40	MCS2x1	-	-	5230	5150	65.89	51.29
802.11ac VHT40	MCS2x1	-	-	5270	5350	65.14	48.60
802.11ac VHT40	MCS2x1	-	-	5310	5350	63.65	51.46
802.11ac VHT40	MCS2x1	-	-	5510	5460	63.22	48.23
802.11ac VHT40	MCS7x1	-	-	5550	5460	63.22	46.95

Table 15 - TxBF Restricted Band Edge Results

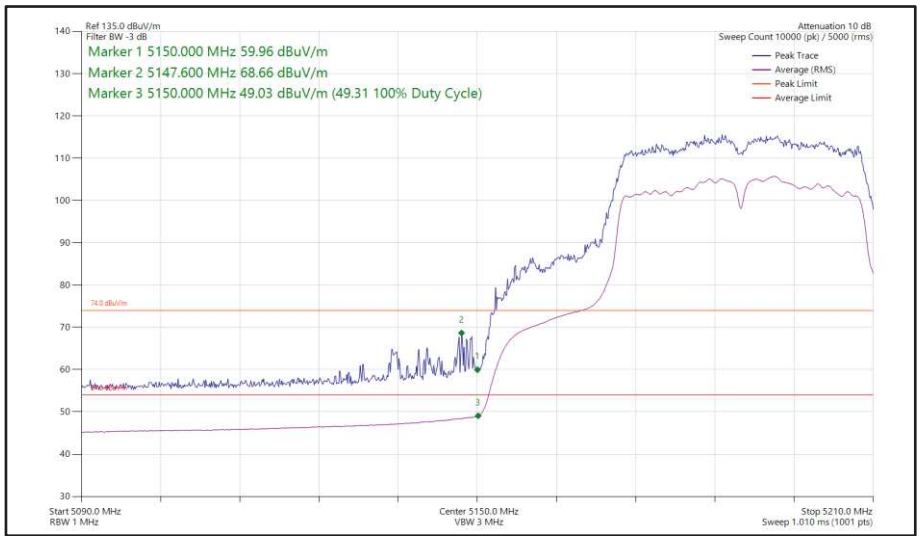

Figure 139 - 802.11ac VHT40, TxBF, Core 0 + Core 1 - 5190 MHz Band Edge Frequency 5150 MHz

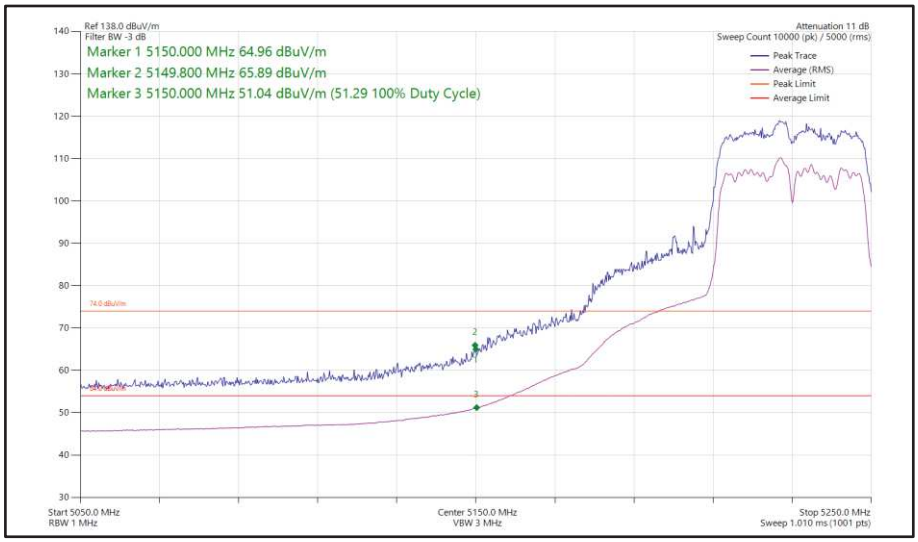

Figure 140 - 802.11ac VHT40, TxBF, Core 0 + Core 1 - 5230 MHz Band Edge Frequency 5150 MHz

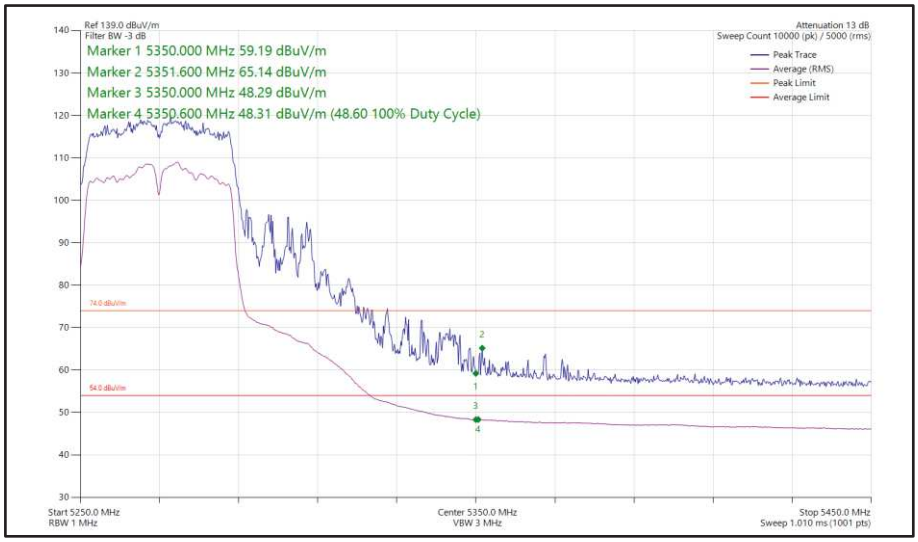

Figure 141 - 802.11ac VHT40, TxBF, Core 0 + Core 1 - 5270 MHz Band Edge Frequency 5350 MHz

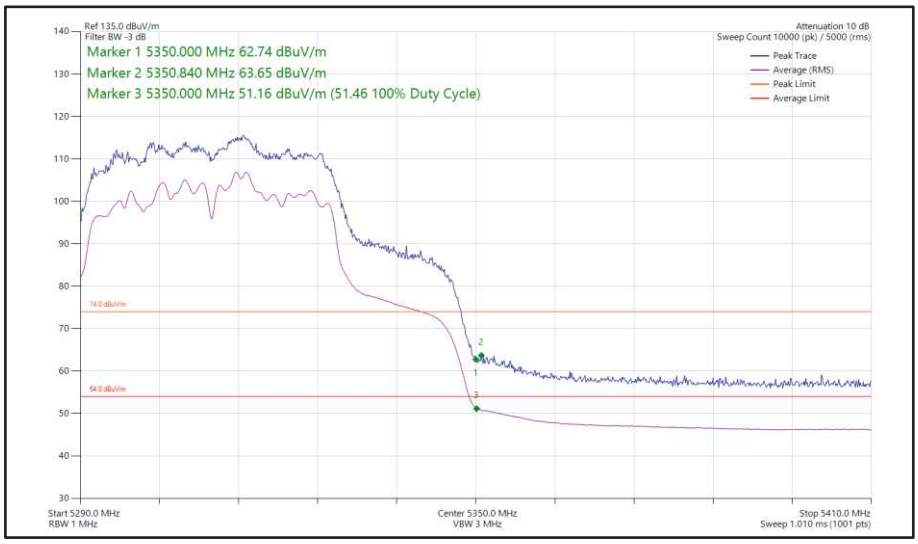

Figure 142 - 802.11ac VHT40, TxBF, Core 0 + Core 1 - 5310 MHz Band Edge Frequency 5350 MHz

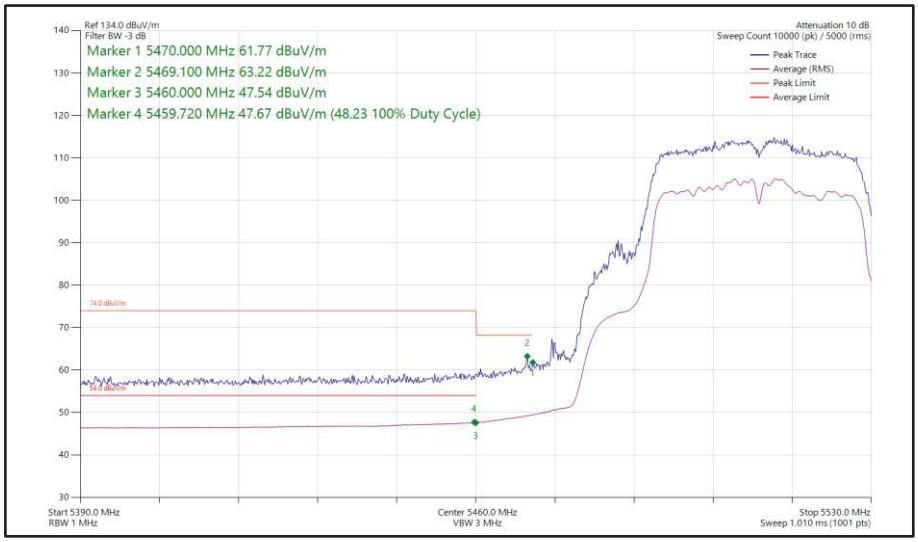

Figure 143 - 802.11ac VHT40, TxBF, Core 0 + Core 1 - 5510 MHz Band Edge Frequency 5460 MHz

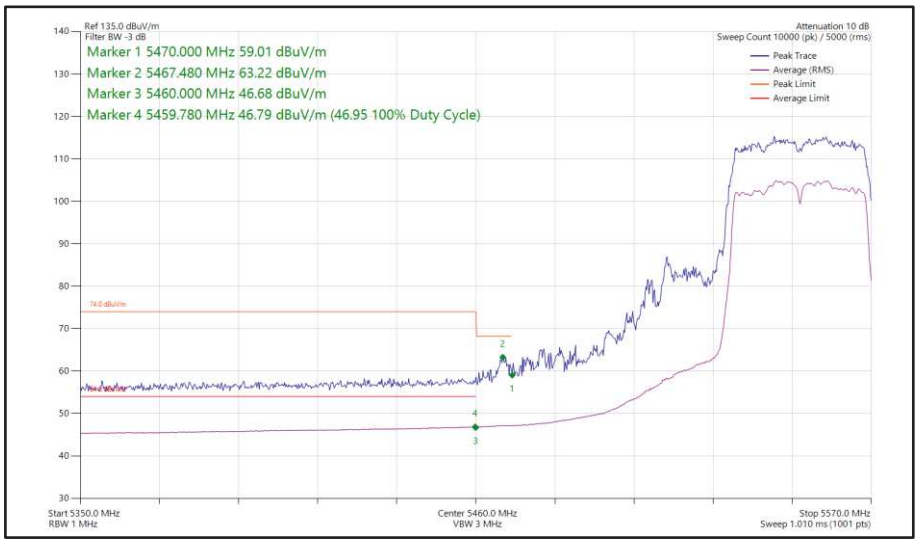

Figure 144 - 802.11ac VHT40, TxBF, Core 0 + Core 1 - 5550 MHz Band Edge Frequency 5460 MHz

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 (dBuV/m)
802.11ac VHT80	MCS2x1	-	-	5210	5150	62.37	51.18
802.11ax HE80	MCS2x1	SU	-	5210	5150	61.93	51.01
802.11ax HE80	MCS11x1	106	53	5210	5150	68.27	48.52
802.11ac VHT80	MCS2x1	-	-	5290	5350	63.41	51.50
802.11ax HE80	MCS2x1	SU	-	5290	5350	62.40	51.15
802.11ax HE80	MCS11x1	52	37	5290	5350	69.15	49.43
802.11ac VHT80	MCS8x1	-	-	5530	5460	63.17	49.48
802.11ax HE80	MCS2x1	SU	-	5530	5460	63.49	50.77
802.11ax HE80	MCS11x1	106	53	5530	5460	63.32	47.34

Table 16 - SISO Restricted Band Edge Results

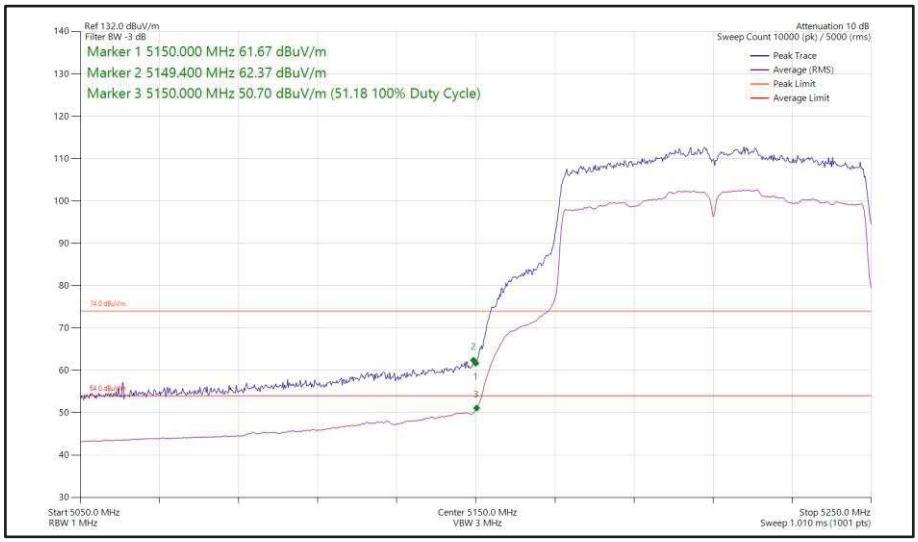

Figure 145 - 802.11ac VHT80, SISO, Core 0 - 5210 MHz Band Edge Frequency 5150 MHz

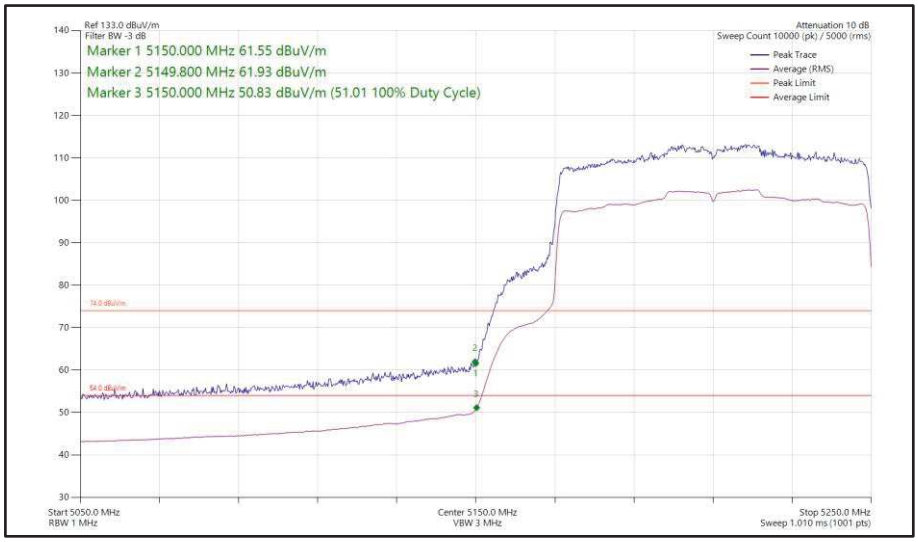

Figure 146 - 802.11ax HE80, SU, SISO, Core 0 - 5210 MHz Band Edge Frequency 5150 MHz

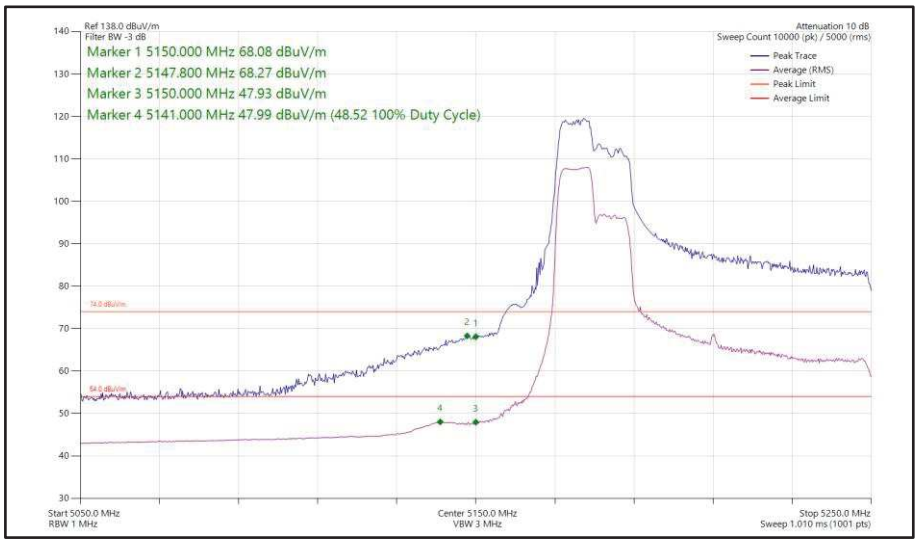

Figure 147 - 802.11ax HE80, RU 106-53, SISO, Core 0 - 5210 MHz Band Edge Frequency 5150 MHz

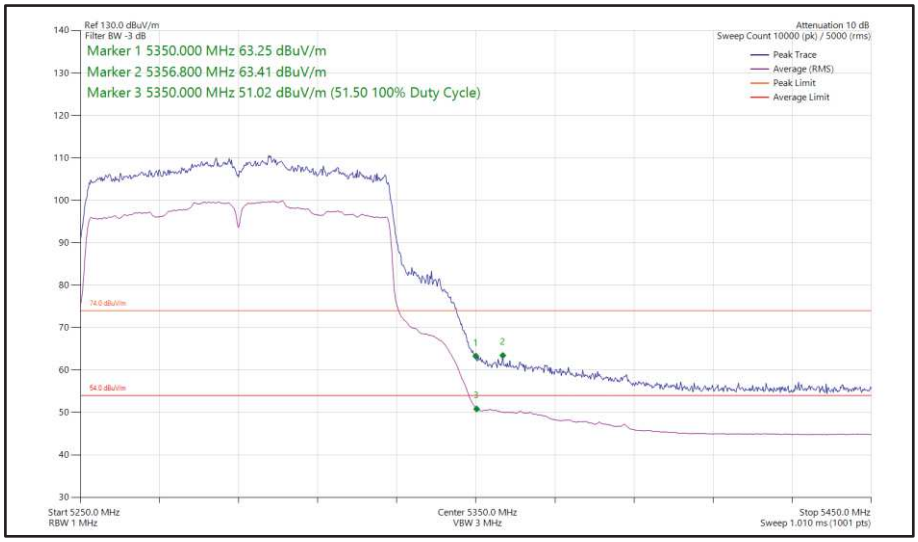

Figure 148 - 802.11ac VHT80, SISO, Core 0 - 5290 MHz Band Edge Frequency 5350 MHz

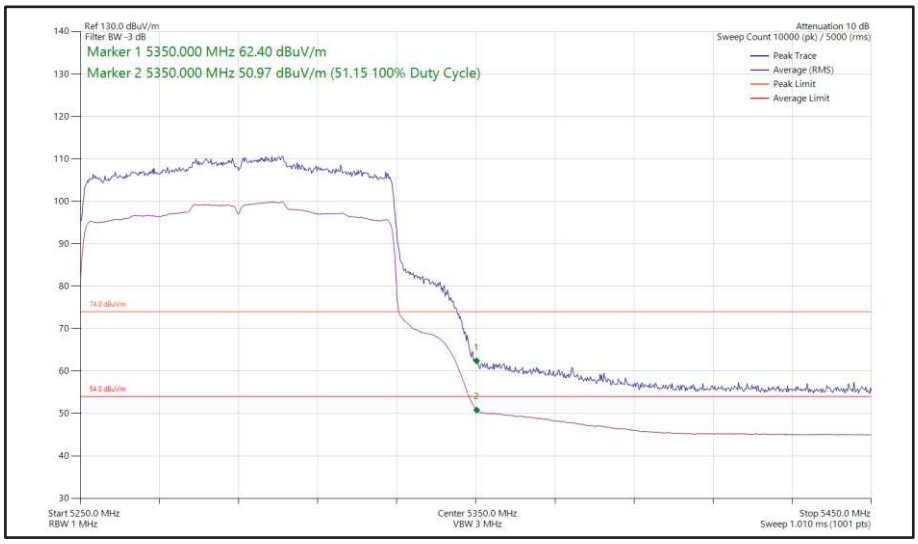

Figure 149 - 802.11ax HE80, SU, SISO, Core 0 - 5290 MHz Band Edge Frequency 5350 MHz

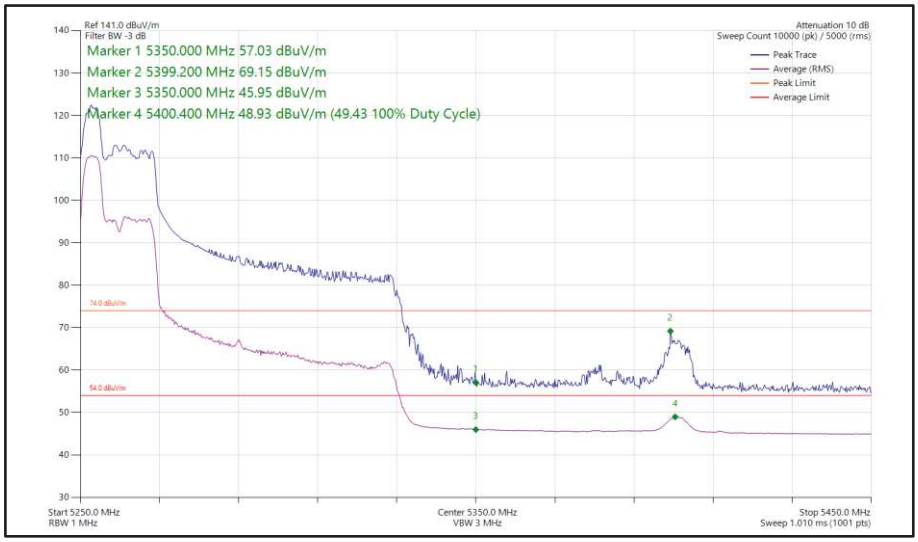

Figure 150 - 802.11ax HE80, RU 52-37, SISO, Core 0 - 5290 MHz Band Edge Frequency 5350 MHz

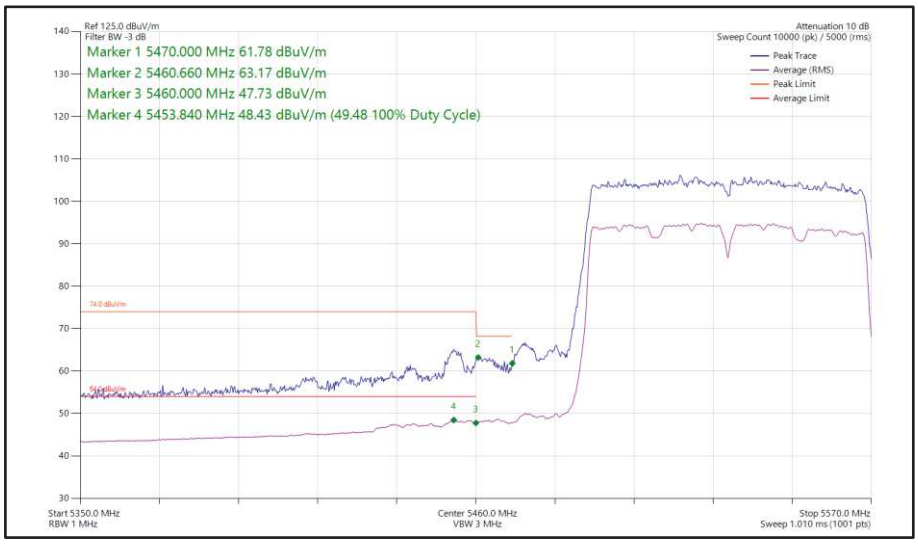

Figure 151 - 802.11ac VHT80, SISO, Core 0 - 5530 MHz Band Edge Frequency 5460 MHz

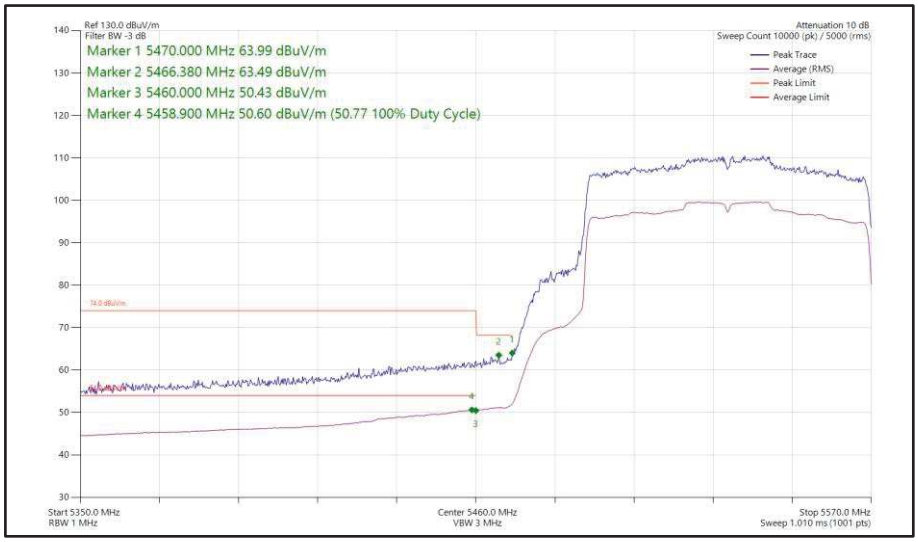

Figure 152 - 802.11ax HE80, SU, SISO, Core 0 - 5530 MHz Band Edge Frequency 5460 MHz

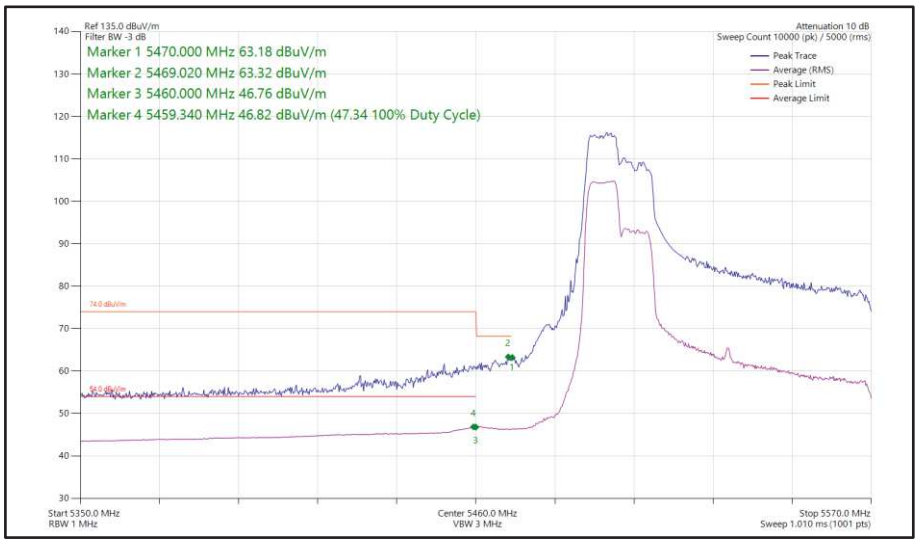

Figure 153 - 802.11ax HE80, RU 106-53, SISO, Core 0 - 5530 MHz Band Edge Frequency 5460 MHz

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 (dBuV/m)
802.11ac VHT80	MCS2x1	-	-	5210	5150	63.30	51.31
802.11ax HE80	MCS11x1	SU	-	5210	5150	69.06	51.24
802.11ax HE80	MCS11x1	106	53	5210	5150	69.03	48.82
802.11ac VHT80	MCS4x1	-	-	5290	5350	63.60	51.22
802.11ax HE80	MCS11x1	SU	-	5290	5350	65.19	51.28
802.11ax HE80	MCS11x1	52	52	5290	5350	69.37	47.70
802.11ac VHT80	MCS4x1	-	-	5530	5460	63.70	51.35
802.11ax HE80	MCS2x1	SU	-	5530	5460	63.63	50.58
802.11ax HE80	MCS11x1	52	37	5530	5460	63.10	48.45

Table 17 - SISO Restricted Band Edge Results

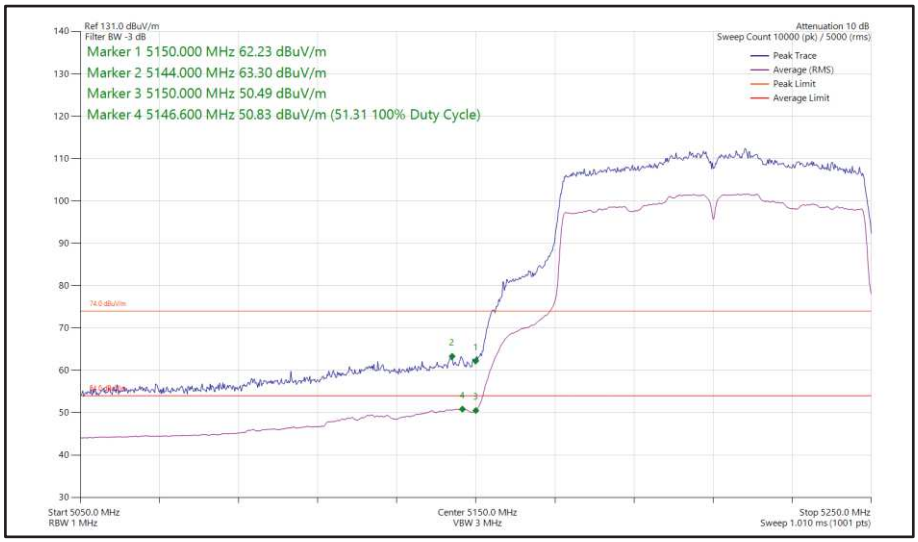

Figure 154 - 802.11ac VHT80, SISO, Core 1 - 5210 MHz Band Edge Frequency 5150 MHz

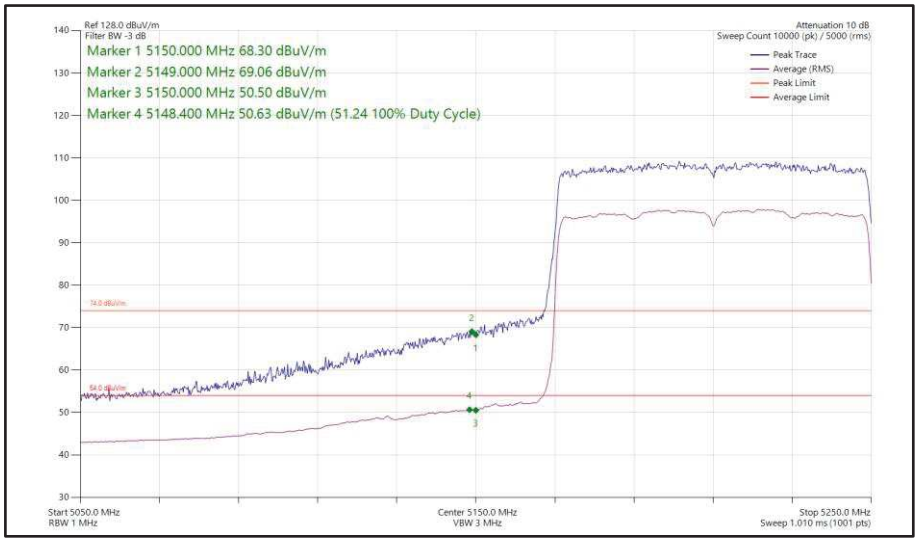

Figure 155 - 802.11ax HE80, SU, SISO, Core 1 - 5210 MHz
Band Edge Frequency 5150 MHz

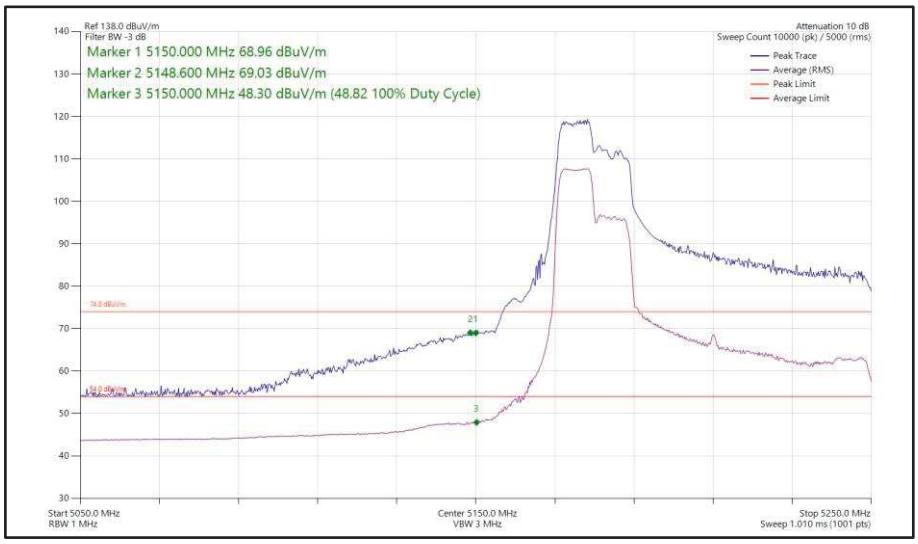

Figure 156 - 802.11ax HE80, RU 106-53, SISO, Core 1 - 5210 MHz
Band Edge Frequency 5150 MHz

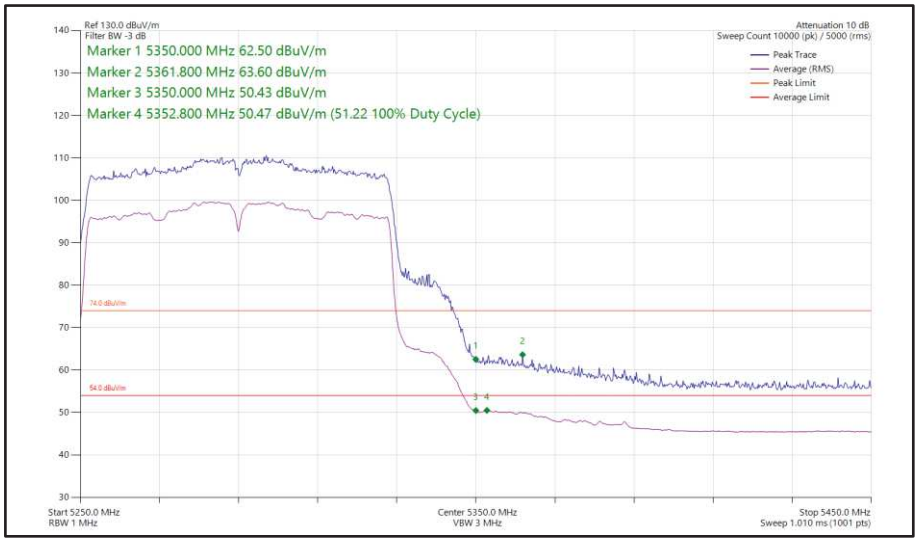

Figure 157 - 802.11ac VHT80, SISO, Core 1 - 5290 MHz Band Edge Frequency 5350 MHz

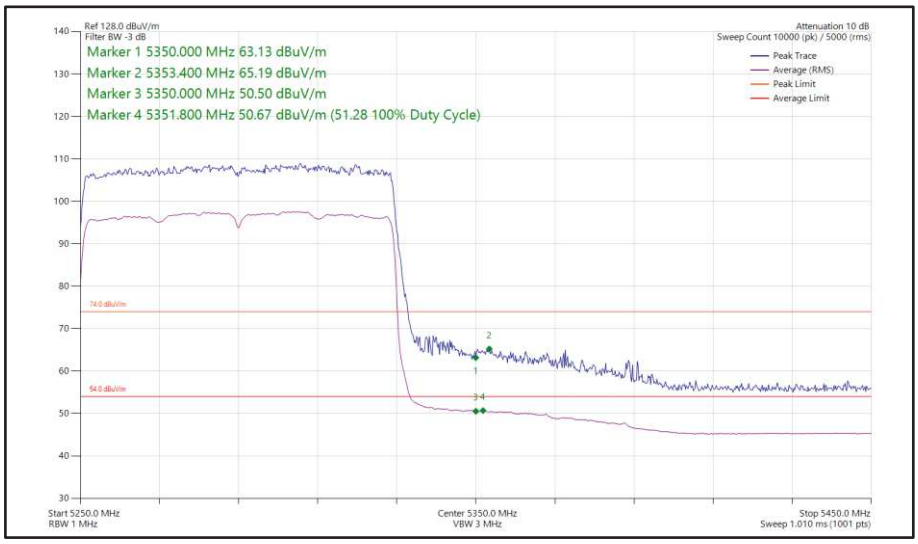

Figure 158 - 802.11ax HE80, SU, SISO, Core 1 - 5290 MHz Band Edge Frequency 5350 MHz

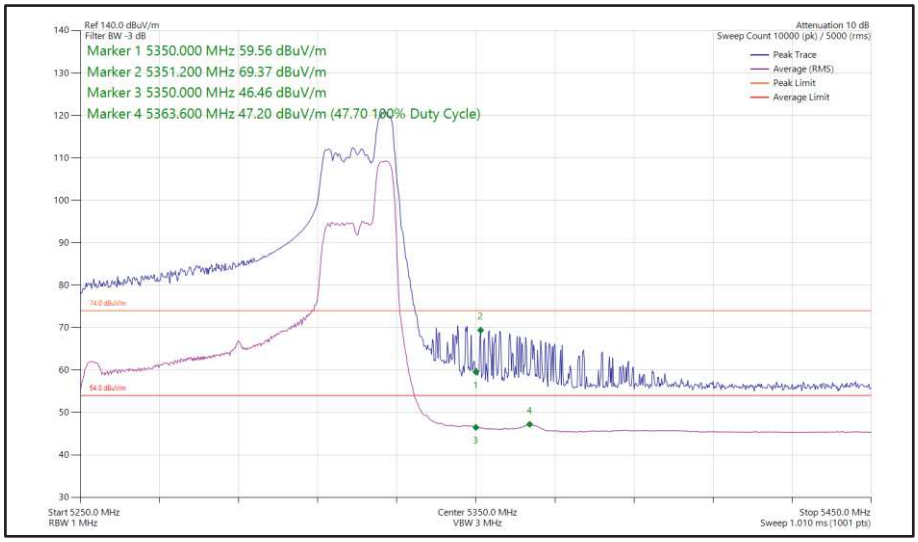

Figure 159 - 802.11ax HE80, RU 52-52, SISO, Core 1 - 5290 MHz Band Edge Frequency 5350 MHz

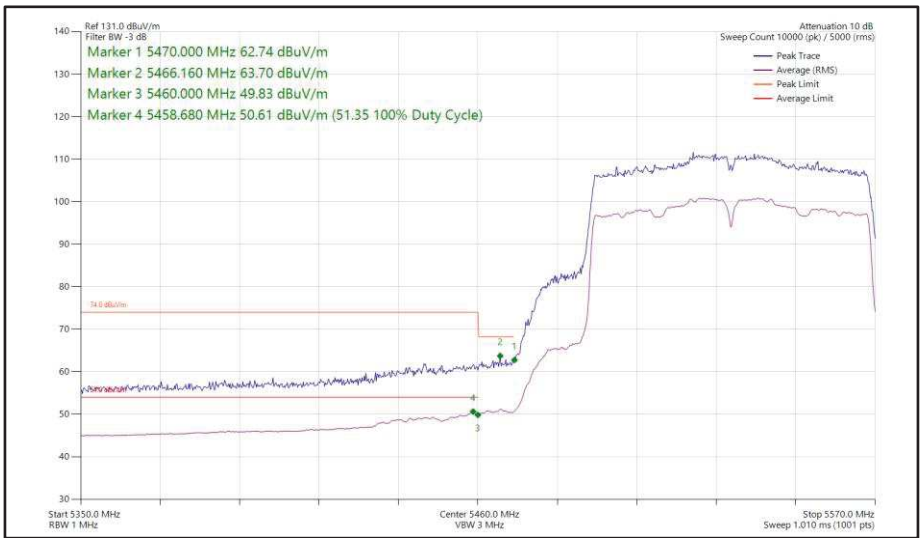

Figure 160 - 802.11ac VHT80, SISO, Core 1 - 5530 MHz Band Edge Frequency 5460 MHz

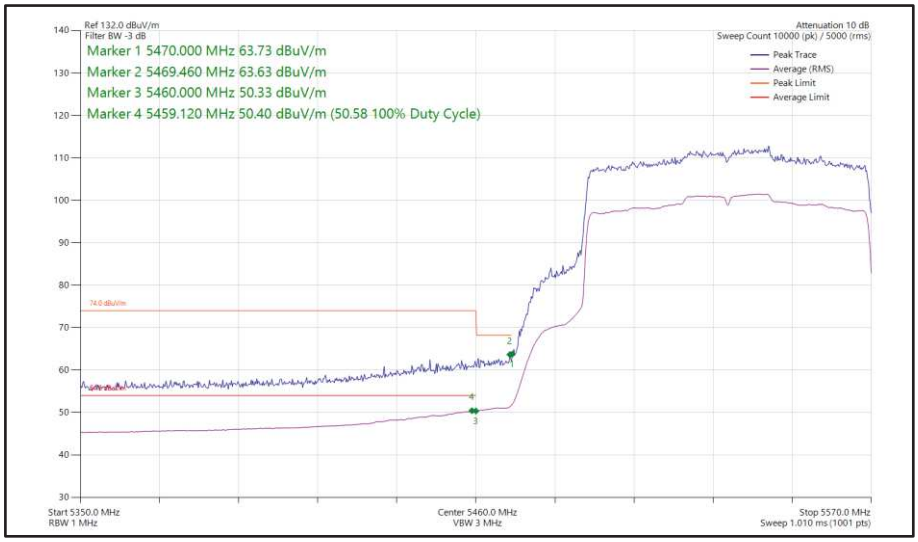

Figure 161 - 802.11ax HE80, SU, SISO, Core 1 - 5530 MHz Band Edge Frequency 5460 MHz

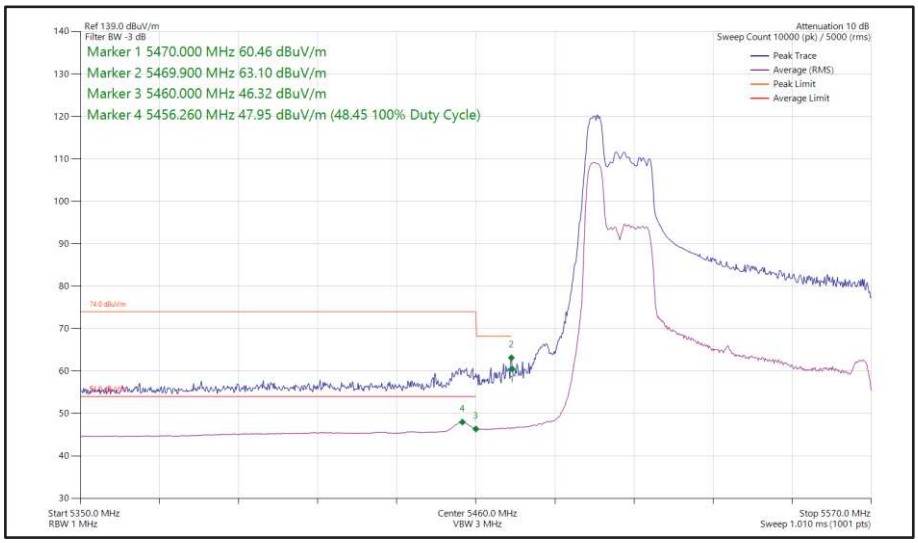

Figure 162 - 802.11ax HE80, RU 52-37, SISO, Core 1 - 5530 MHz Band Edge Frequency 5460 MHz

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 (dBuV/m)
802.11ac VHT80	MCS4x1	-	-	5210	5150	63.42	51.43
802.11ax HE80	MCS4x1	SU	-	5210	5150	62.53	51.45
802.11ax HE80	MCS11x1	106	53	5210	5150	69.33	49.83
802.11ac VHT80	MCS8x1	-	-	5290	5350	64.81	51.43
802.11ax HE80	MCS4x1	SU	-	5290	5350	63.47	51.42
802.11ax HE80	MCS11x1	106	60	5290	5350	69.46	51.14
802.11ac VHT80	MCS8x1	-	-	5530	5460	63.60	50.93
802.11ax HE80	MCS11x1	SU	-	5530	5460	63.65	50.36
802.11ax HE80	MCS11x1	106	53	5530	5460	63.64	50.71

Table 18 - CDD Restricted Band Edge Results

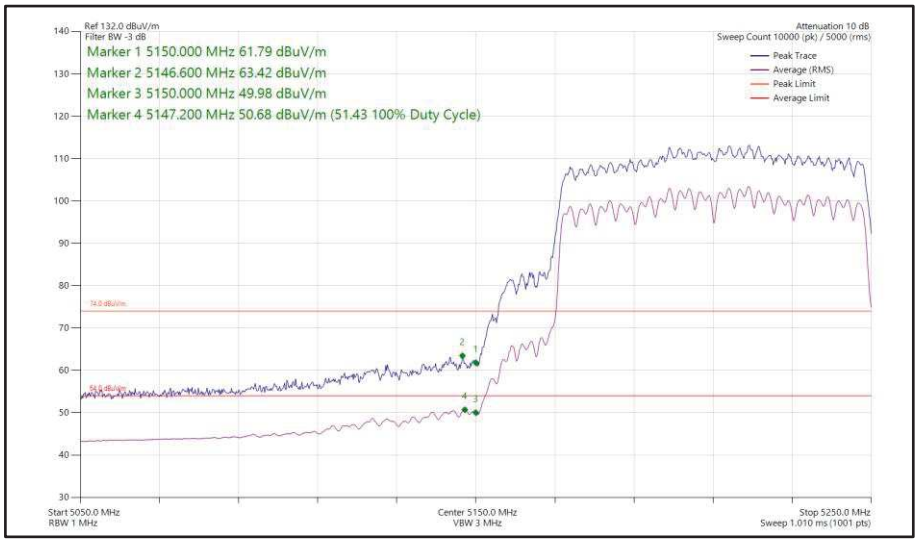

Figure 163 - 802.11ac VHT80, CDD, Core 0 + Core 1 - 5210 MHz Band Edge Frequency 5150 MHz

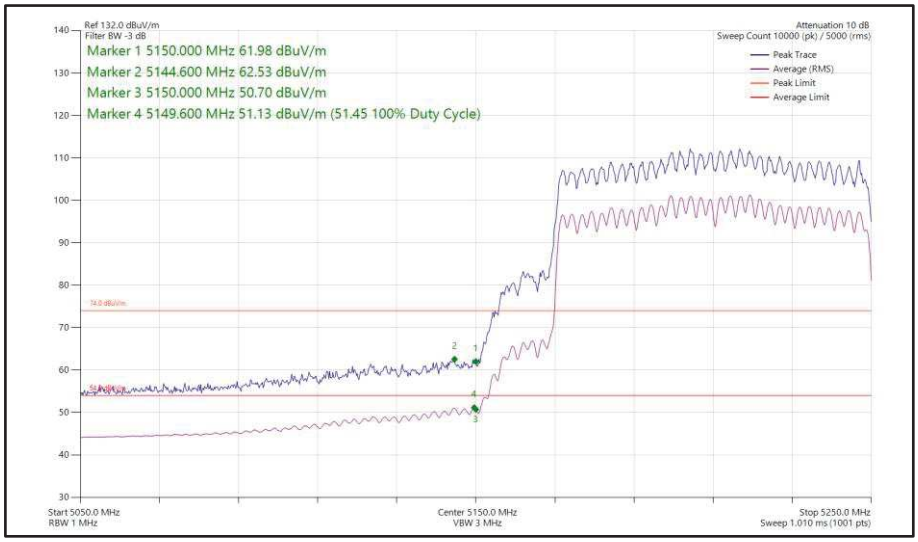

Figure 164 - 802.11ax HE80, SU, CDD, Core 0 + Core 1 - 5210 MHz Band Edge Frequency 5150 MHz

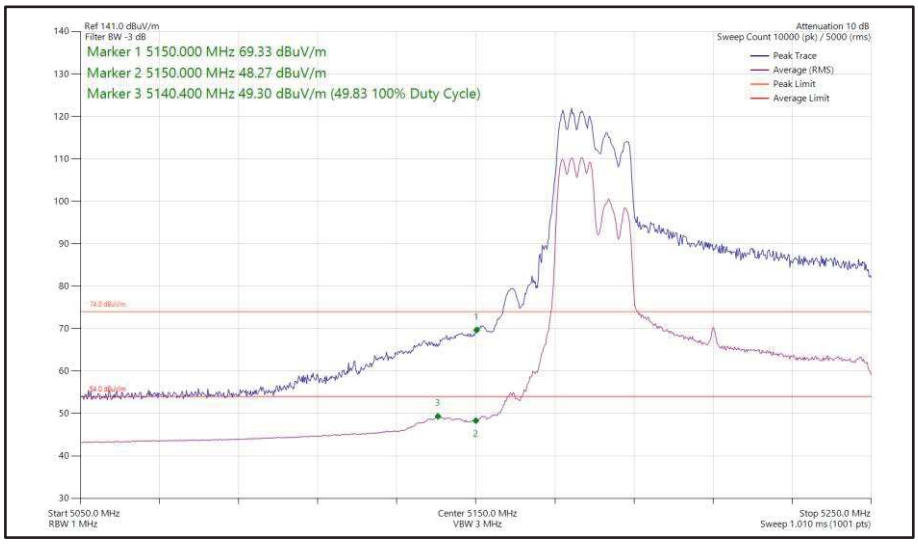

Figure 165 - 802.11ax HE80, RU 106-53, CDD, Core 0 + Core 1 - 5210 MHz Band Edge Frequency 5150 MHz

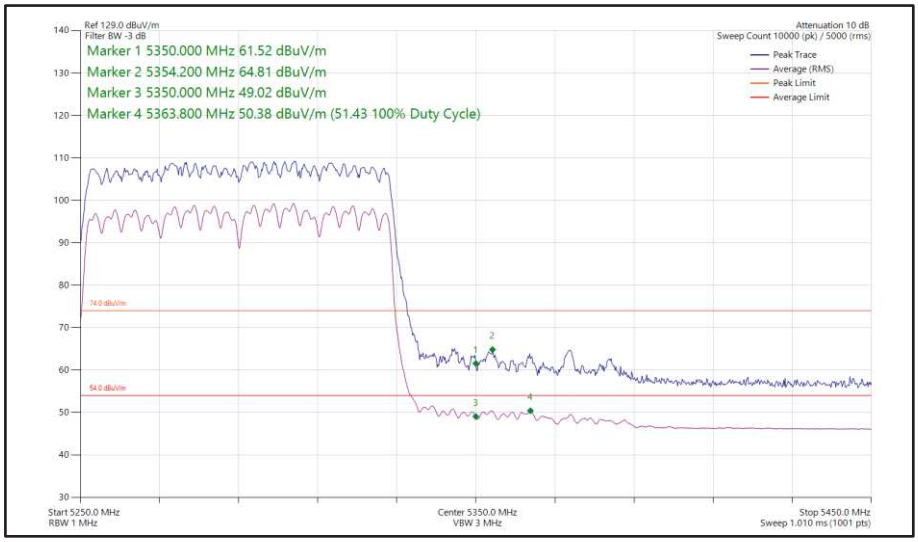

Figure 166 - 802.11ac VHT80, CDD, Core 0 + Core 1 - 5290 MHz Band Edge Frequency 5350 MHz

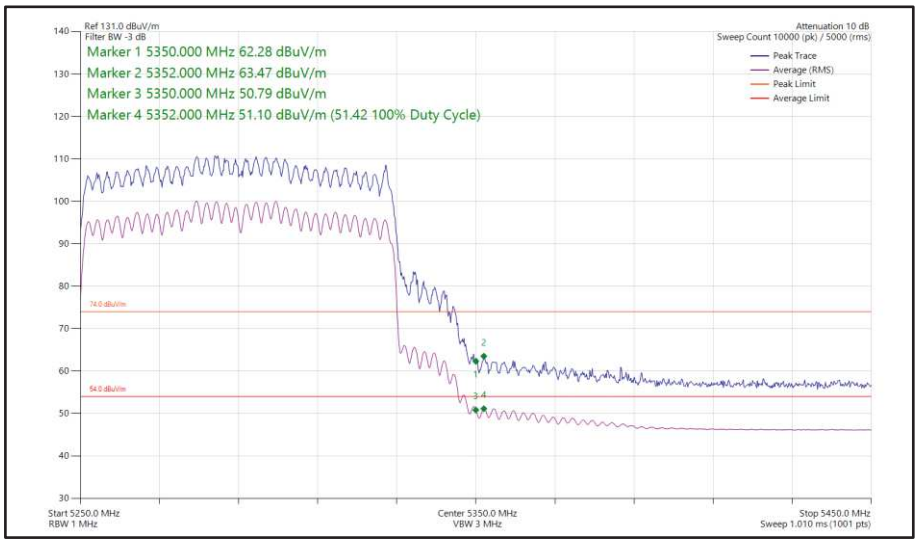

Figure 167 - 802.11ax HE80, SU, CDD, Core 0 + Core 1 - 5290 MHz Band Edge Frequency 5350 MHz

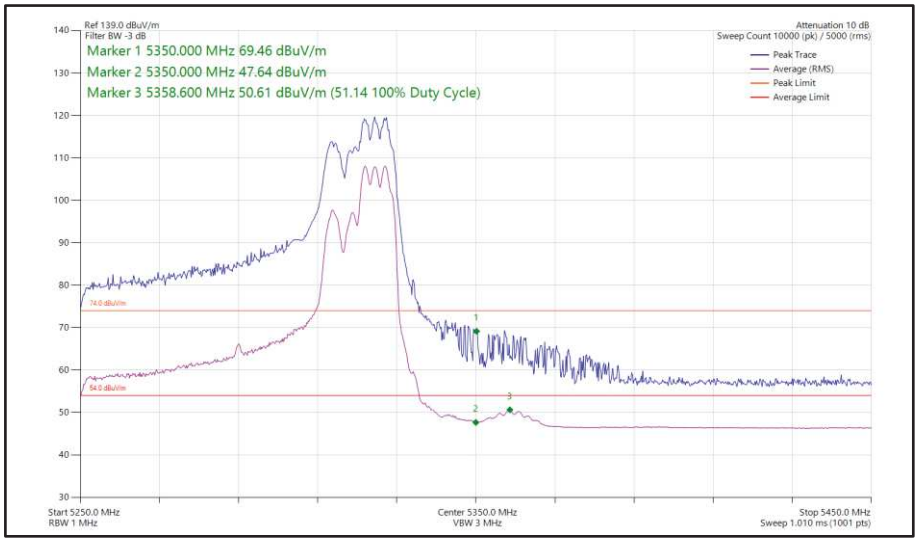

Figure 168 - 802.11ax HE80, RU 106-60, CDD, Core 0 + Core 1 - 5290 MHz Band Edge Frequency 5350 MHz

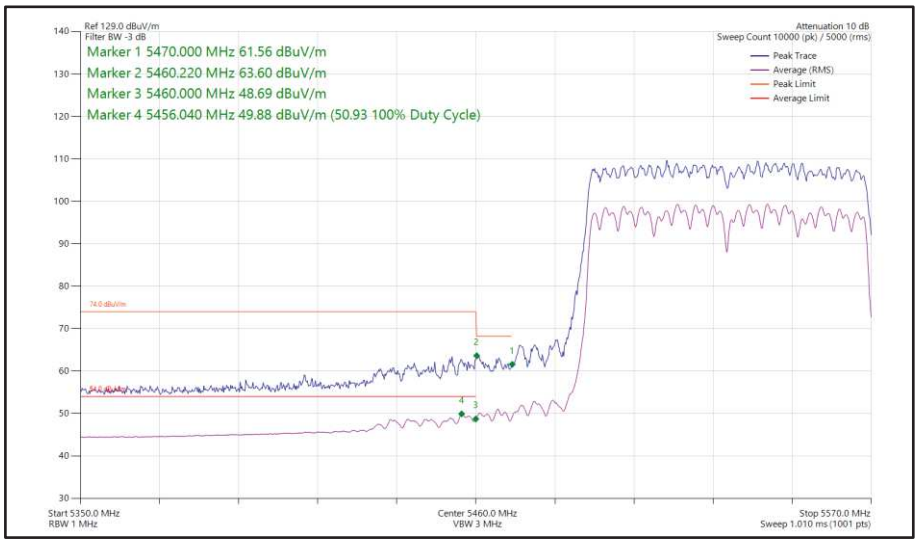

Figure 169 - 802.11ac VHT80, CDD, Core 0 + Core 1 - 5530 MHz Band Edge Frequency 5460 MHz

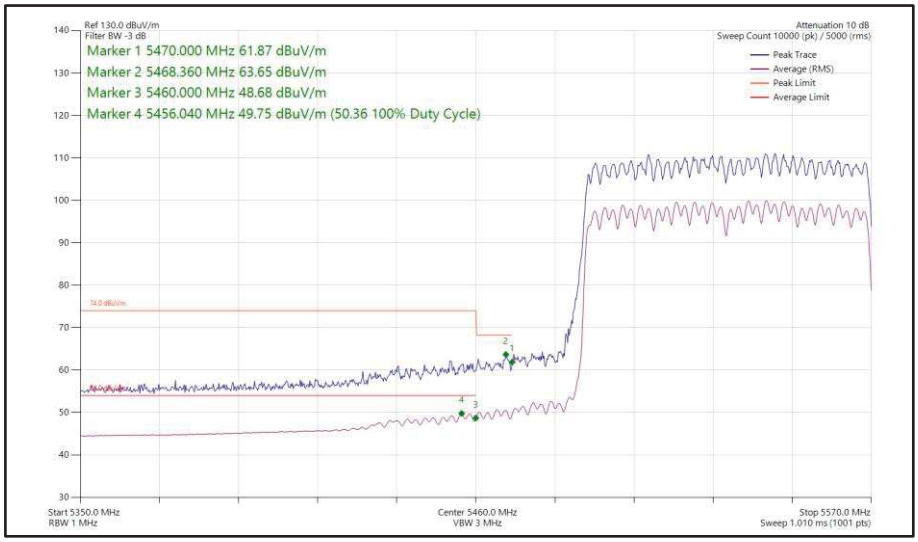

Figure 170 - 802.11ax HE80, SU, CDD, Core 0 + Core 1 - 5530 MHz Band Edge Frequency 5460 MHz

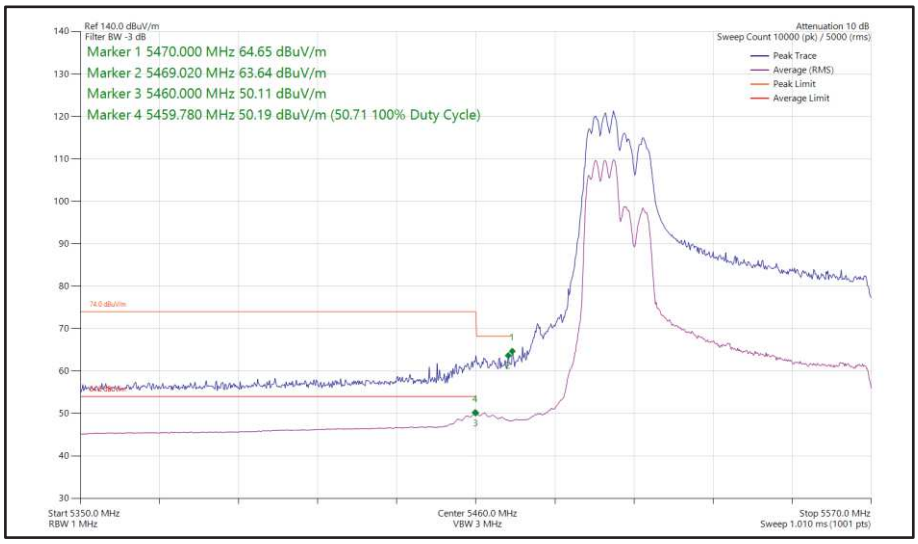

Figure 171 - 802.11ax HE80, RU 106-53, CDD, Core 0 + Core 1 - 5530 MHz Band Edge Frequency 5460 MHz

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 (dBuV/m)
802.11ac VHT80	MCS2x2	-	-	5210	5150	63.25	51.41
802.11ax HE80	MCS2x2	SU	-	5210	5150	62.68	51.27
802.11ax HE80	MCS11x2	106	53	5210	5150	69.37	49.08
802.11ac VHT80	MCS2x2	-	-	5290	5350	63.37	51.33
802.11ax HE80	MCS11x2	SU	-	5290	5350	65.15	51.27
802.11ax HE80	MCS11x2	52	37	5290	5350	69.07	50.41
802.11ac VHT80	MCS2x2	-	-	5530	5460	63.41	50.21
802.11ax HE80	MCS4x2	SU	-	5530	5460	63.44	49.70
802.11ax HE80	MCS11x2	106	53	5530	5460	63.24	49.81

Table 19 - SDM Restricted Band Edge Results

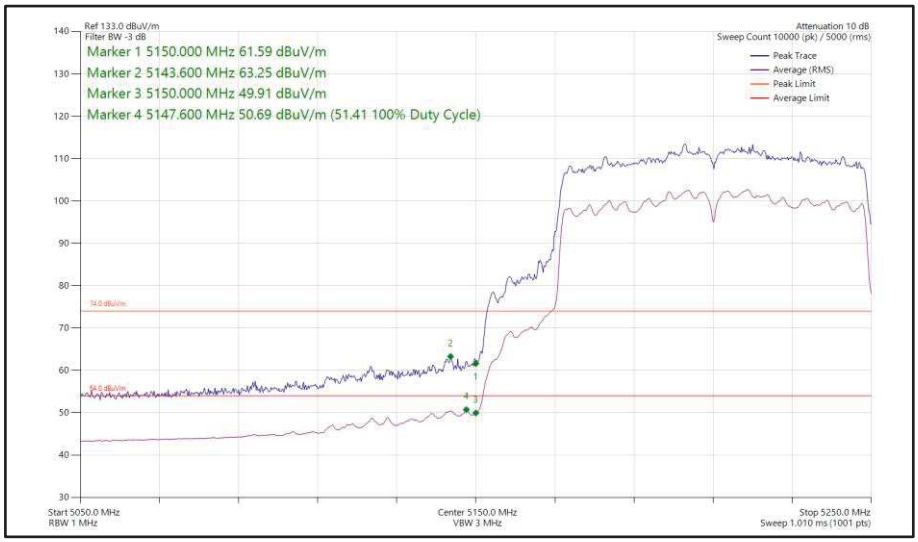

Figure 172 - 802.11ac VHT80, SDM, Core 0 + Core 1 - 5210 MHz Band Edge Frequency 5150 MHz

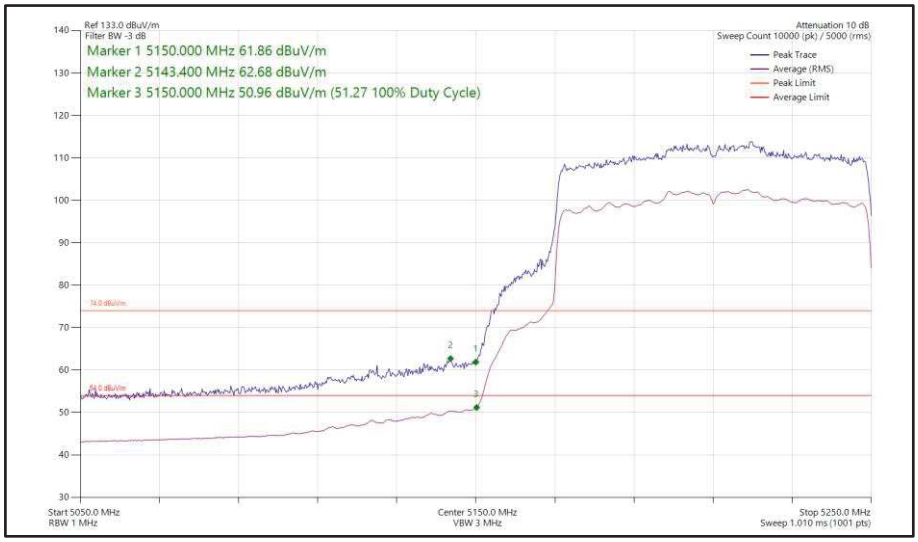

Figure 173 - 802.11ax HE80, SU, SDM, Core 0 + Core 1 - 5210 MHz Band Edge Frequency 5150 MHz

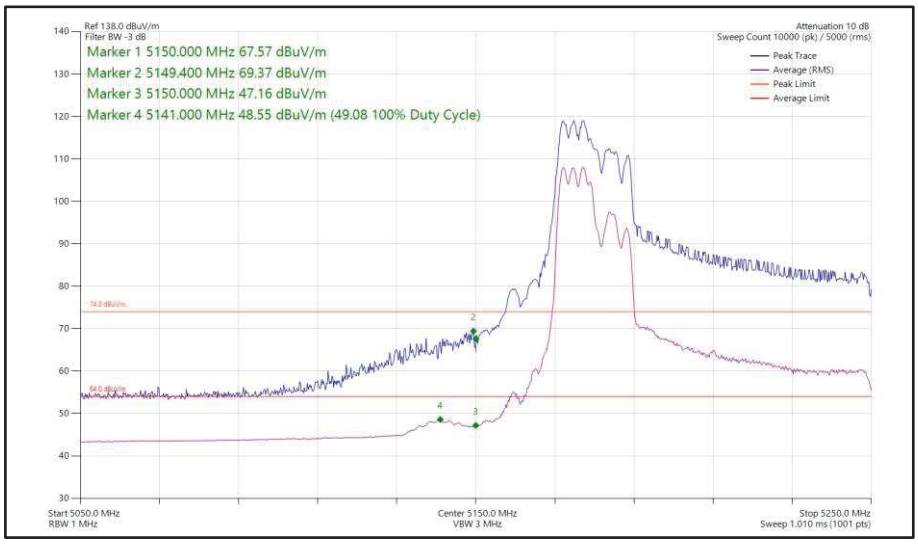

Figure 174 - 802.11ax HE80, RU 106-53, SDM, Core 0 + Core 1 - 5210 MHz Band Edge Frequency 5150 MHz

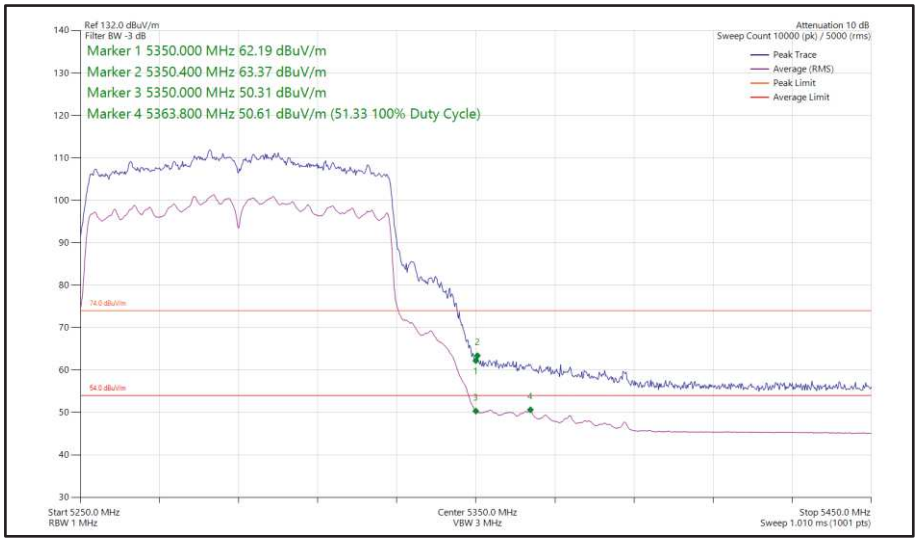

Figure 175 - 802.11ac VHT80, SDM, Core 0 + Core 1 - 5290 MHz Band Edge Frequency 5350 MHz

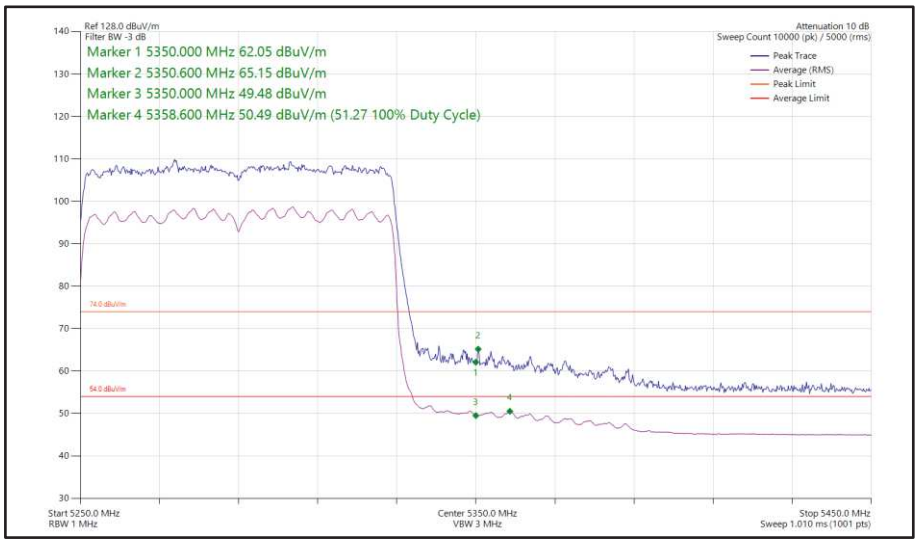

Figure 176 - 802.11ax HE80, SU, SDM, Core 0 + Core 1 - 5290 MHz Band Edge Frequency 5350 MHz

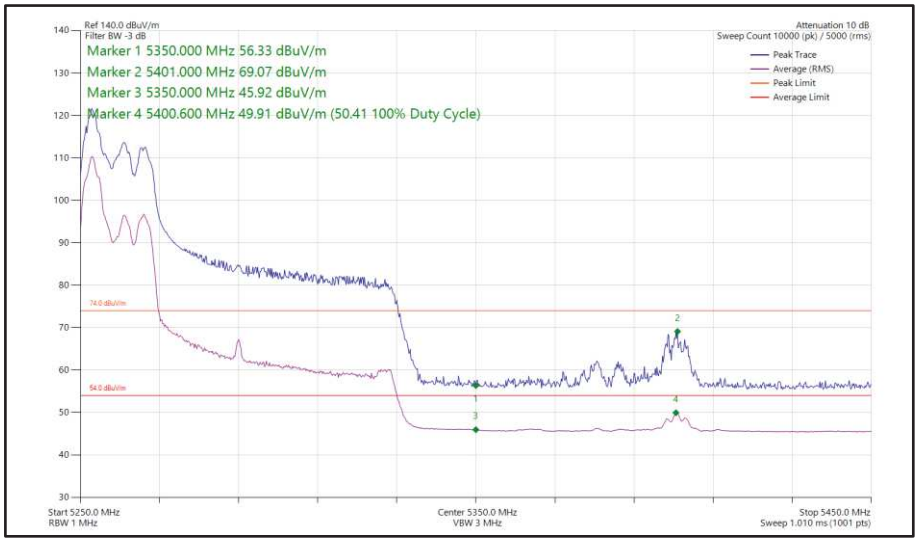

Figure 177 - 802.11ax HE80, RU 52-37, SDM, Core 0 + Core 1 - 5290 MHz Band Edge Frequency 5350 MHz

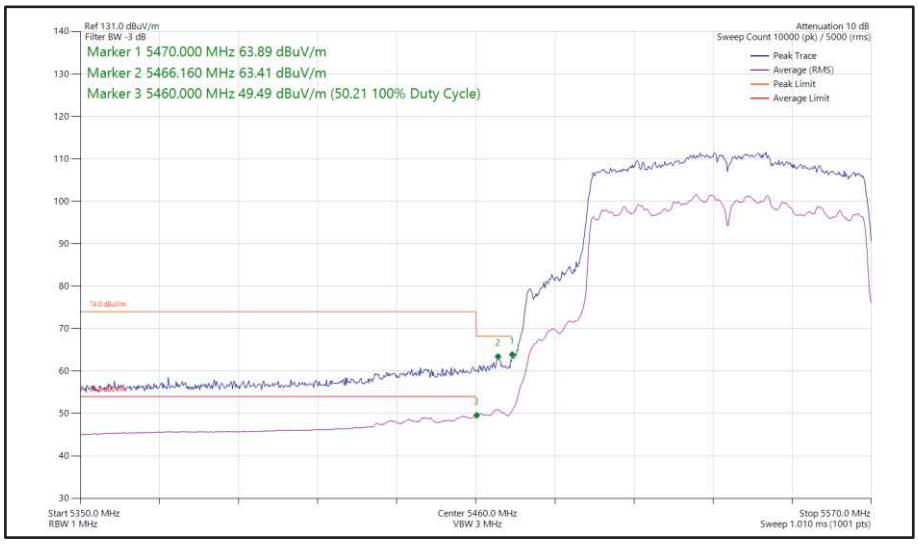

Figure 178 - 802.11ac VHT80, SDM, Core 0 + Core 1 - 5530 MHz Band Edge Frequency 5460 MHz

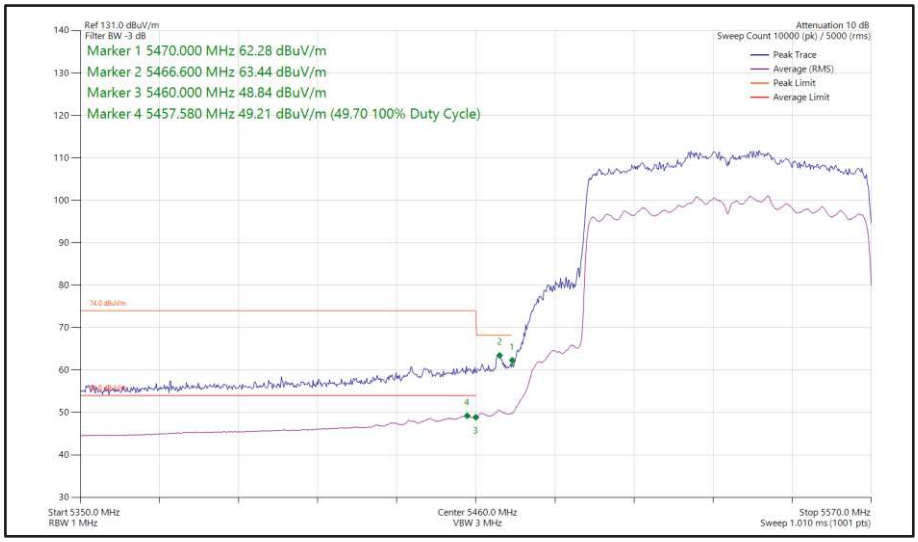

Figure 179 - 802.11ax HE80, SU, SDM, Core 0 + Core 1 - 5530 MHz Band Edge Frequency 5460 MHz

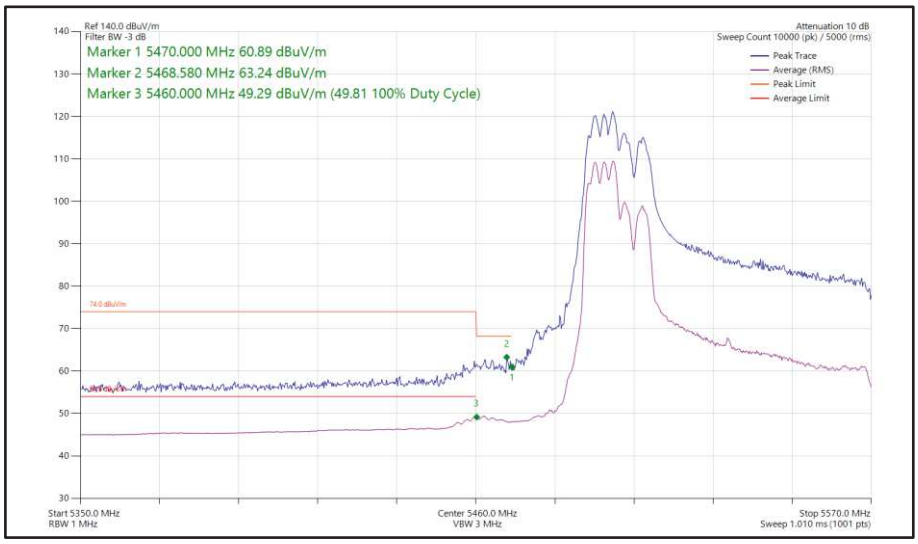

Figure 180 - 802.11ax HE80, RU 106-53, SDM, Core 0 + Core 1 - 5530 MHz Band Edge Frequency 5460 MHz

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 (dBuV/m)
802.11ac VHT80	MCS2x1	-	-	5210	5150	69.03	49.40
802.11ac VHT80	MCS4x1	-	-	5290	5350	62.88	51.30
802.11ac VHT80	MCS4x1	-	-	5530	5460	63.17	48.21

Table 20 - TxBF Restricted Band Edge Results

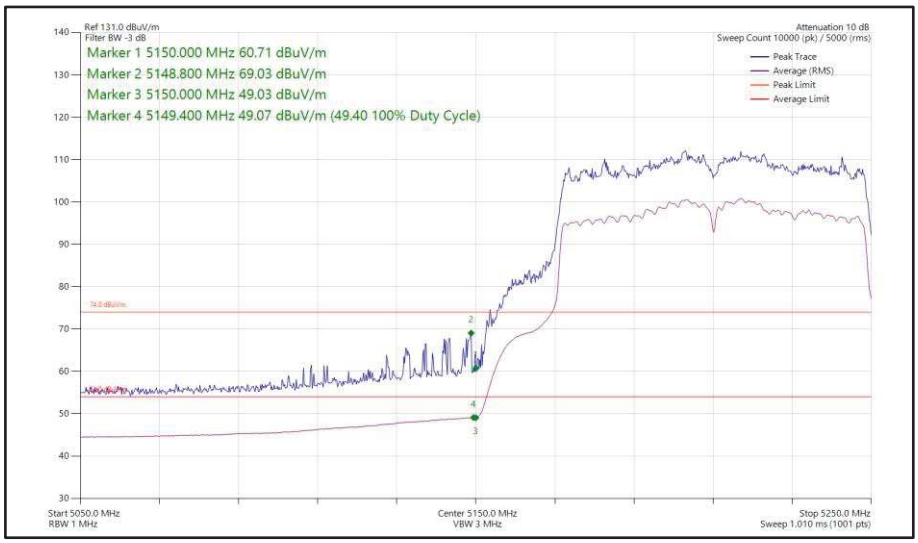

Figure 181 - 802.11ac VHT80, TxBF, Core 0 + Core 1 - 5210 MHz Band Edge Frequency 5150 MHz

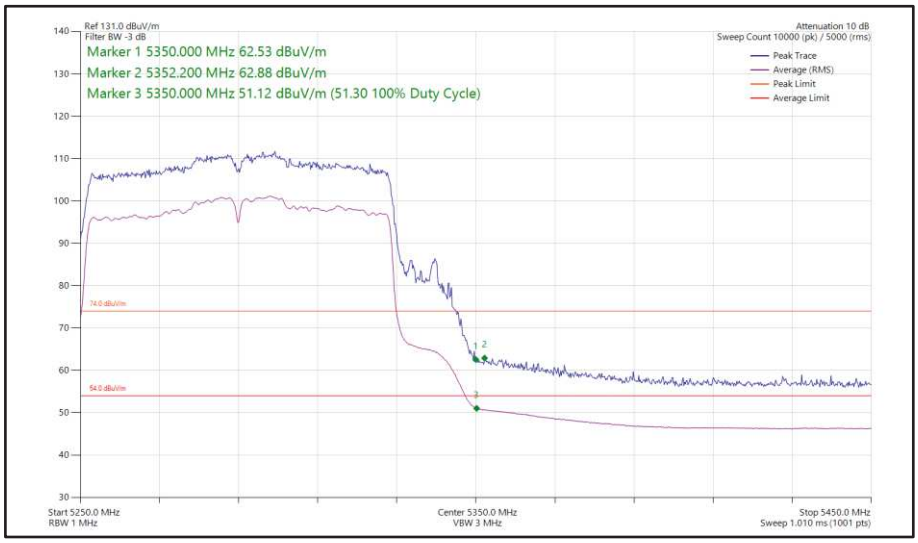

Figure 182 - 802.11ac VHT80, TxBF, Core 0 + Core 1 - 5290 MHz Band Edge Frequency 5350 MHz

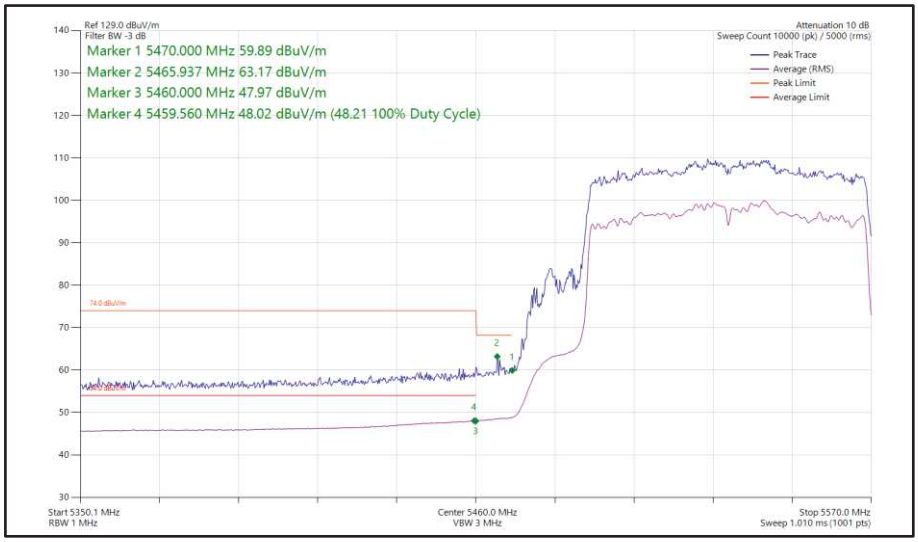

Figure 183 - 802.11ac VHT80, TxBF, Core 0 + Core 1 - 5530 MHz Band Edge Frequency 5460 MHz

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 (dBuV/m)
802.11ac VHT160	MCS2x1	-	-	5250	5150	61.98	51.44
802.11ax HE160	MCS11x1	SU	-	5250	5150	65.09	51.10
802.11ax HE160	MCS11x1	106	53	5250	5150	68.93	48.25
802.11ac VHT160	MCS2x1	-	-	5250	5350	62.00	51.37
802.11ax HE160	MCS2x1	SU	-	5250	5350	63.05	51.33
802.11ax HE160	MCS11x1	52	52	5250	5350	69.00	46.86
802.11ac VHT160	MCS2x1	-	-	5570	5460	61.25	51.37
802.11ax HE160	MCS11x1	SU	-	5570	5460	62.38	51.23
802.11ax HE160	MCS11x1	106	53	5570	5460	62.66	46.53

Table 21 - SISO Restricted Band Edge Results

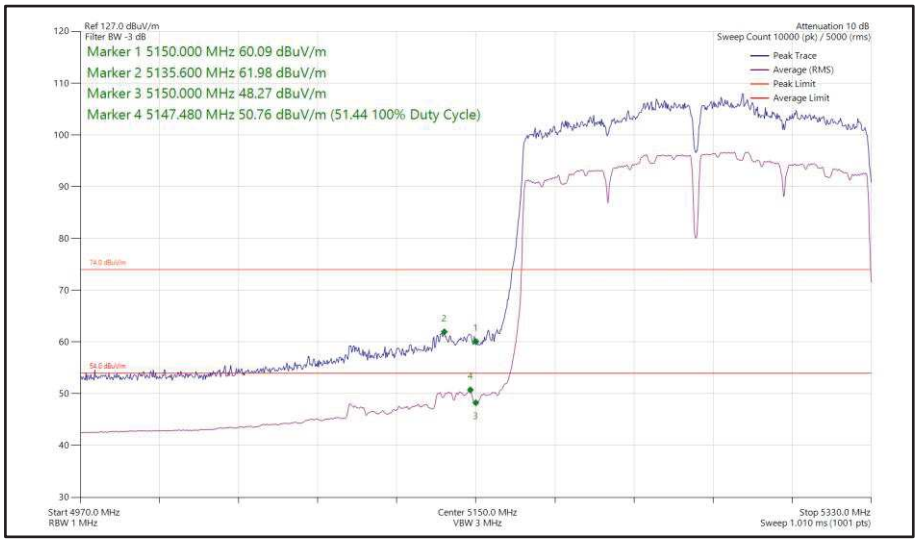

Figure 184 - 802.11ac VHT160, SISO, Core 0 - 5250 MHz Band Edge Frequency 5150 MHz

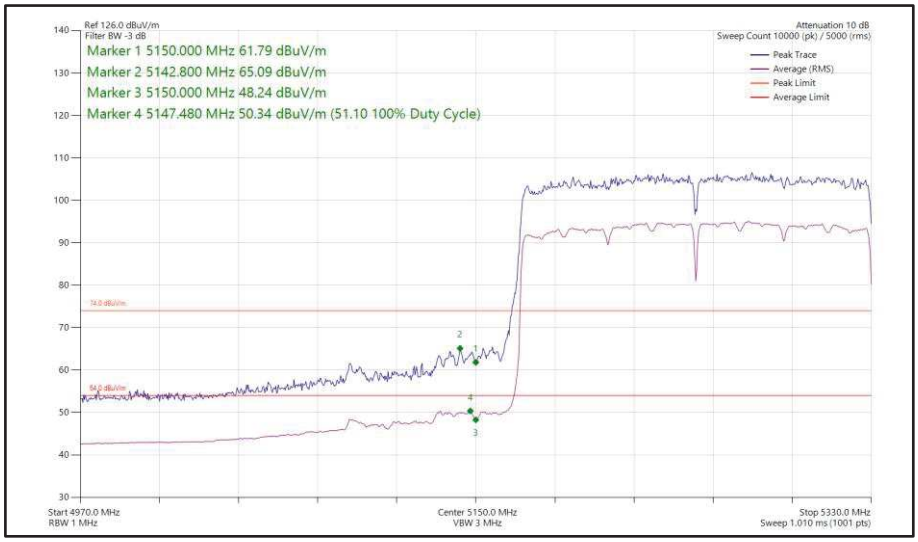

Figure 185 - 802.11ax HE160, SU, SISO, Core 0 - 5250 MHz Band Edge Frequency 5150 MHz

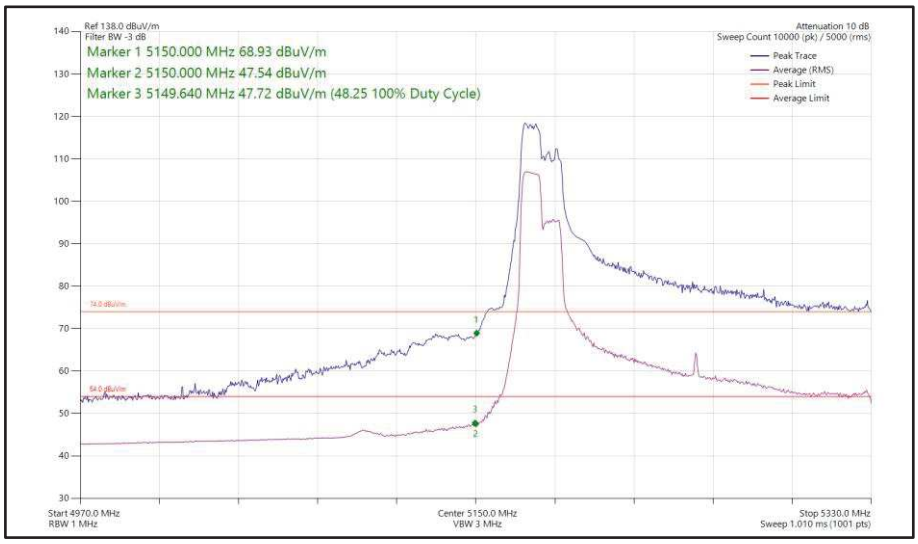

Figure 186 - 802.11ax HE160, RU 106-53, SISO, Core 0 - 5250 MHzBand Edge Frequency 5150 MHz

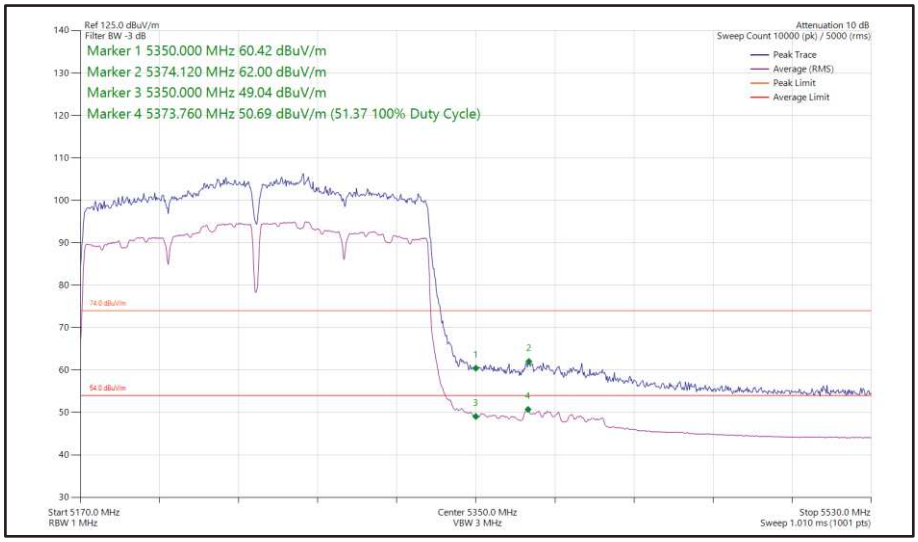

Figure 187 - 802.11ac VHT160, SISO, Core 0 - 5250 MHz Band Edge Frequency 5350 MHz

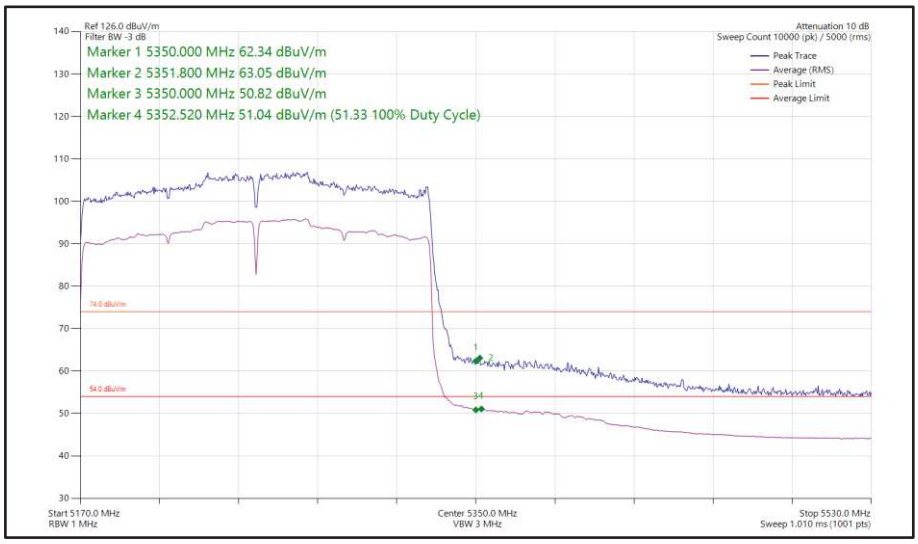

Figure 188 - 802.11ax HE160, SU, SISO, Core 0 - 5250 MHz Band Edge Frequency 5350 MHz

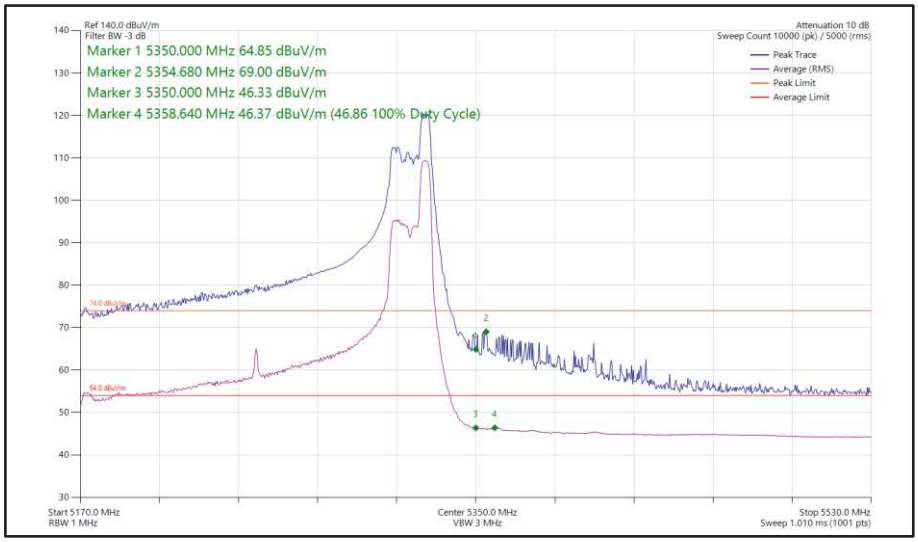

Figure 189 - 802.11ax HE160, RU 52-52, SISO, Core 0 - 5250 MHz Band Edge Frequency 5350 MHz

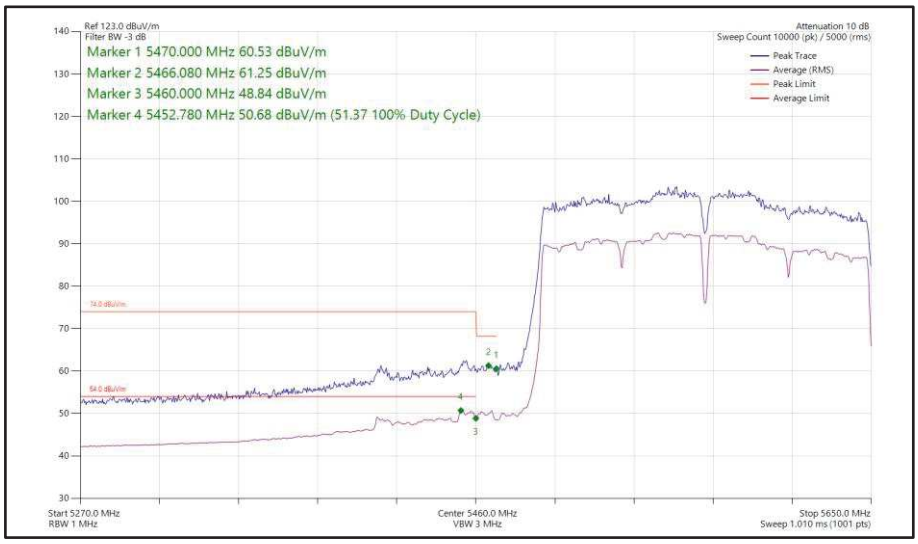

Figure 190 - 802.11ac VHT160, SISO, Core 0 - 5570 MHz Band Edge Frequency 5460 MHz

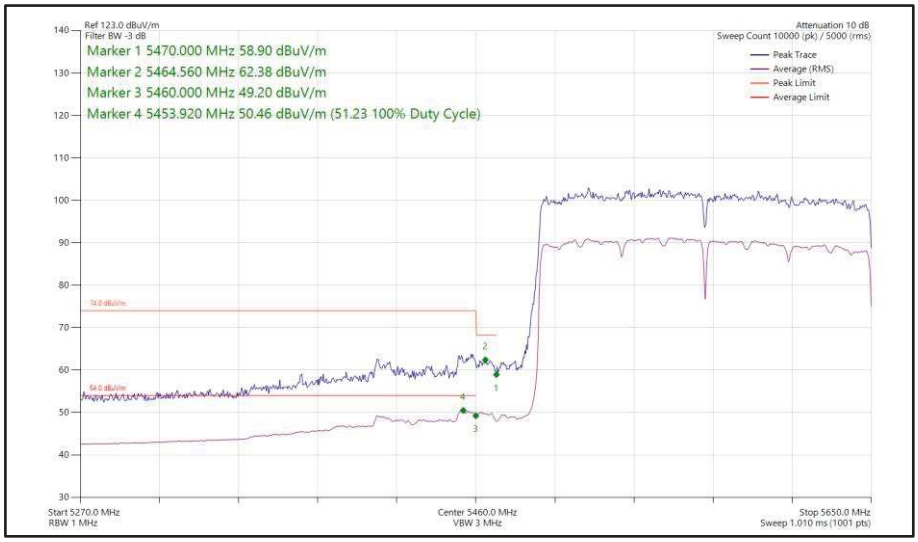

Figure 191 - 802.11ax HE160, SU, SISO, Core 0 - 5570 MHz Band Edge Frequency 5460 MHz

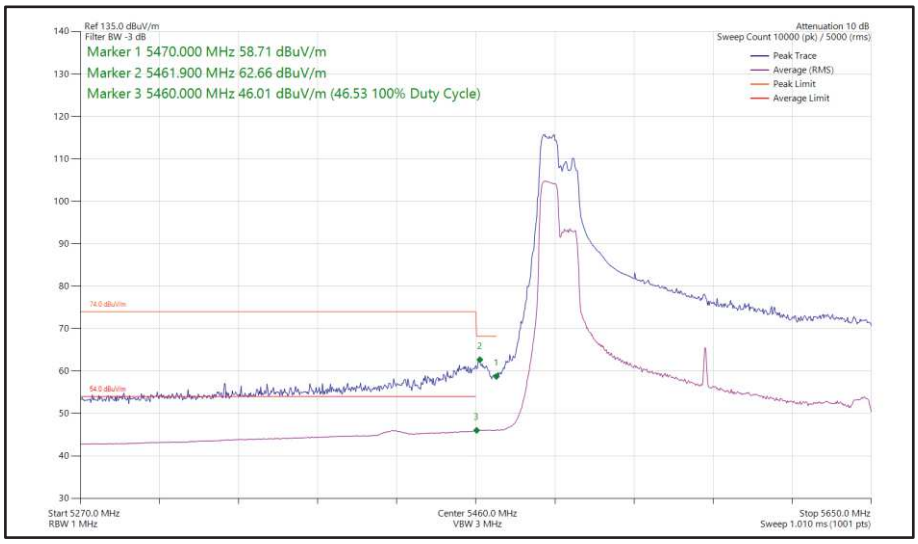

Figure 192 - 802.11ax HE160, RU 106-53, SISO, Core 0 - 5570 MHz Band Edge Frequency 5460 MHz

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 (dBuV/m)
802.11ac VHT160	MCS2x1	-	-	5250	5150	62.83	51.07
802.11ax HE160	MCS4x1	SU	-	5250	5150	62.94	51.33
802.11ax HE160	MCS11x1	52	37	5250	5150	69.06	46.71
802.11ac VHT160	MCS2x1	-	-	5250	5350	61.94	51.40
802.11ax HE160	MCS2x1	SU	-	5250	5350	63.81	51.40
802.11ax HE160	MCS11x1	106	60	5250	5350	69.27	48.05
802.11ac VHT160	MCS4x1	-	-	5570	5460	61.48	51.24
802.11ax HE160	MCS2x1	SU	-	5570	5460	63.62	51.28
802.11ax HE160	MCS11x1	106	53	5570	5460	63.61	48.53

Table 22 - SISO Restricted Band Edge Results

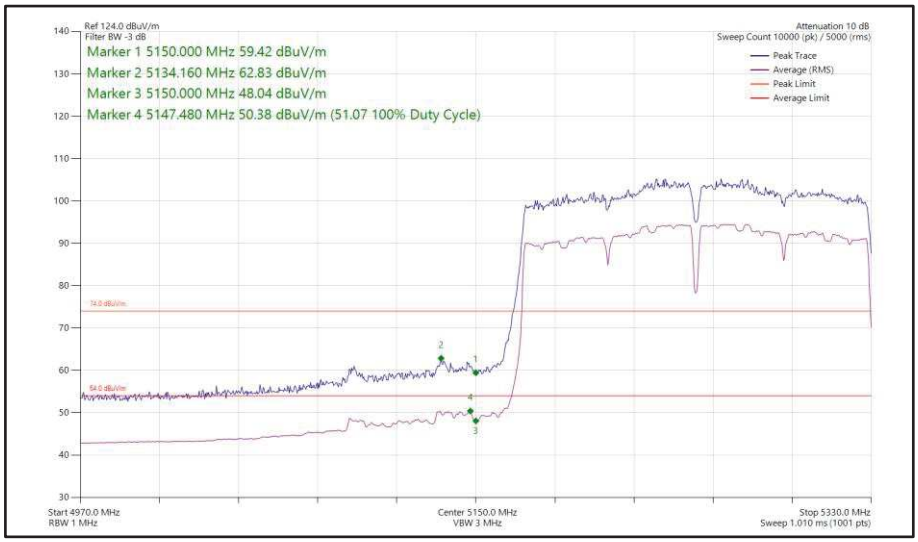

Figure 193 - 802.11ac VHT160, SISO, Core 1 - 5250 MHz Band Edge Frequency 5150 MHz

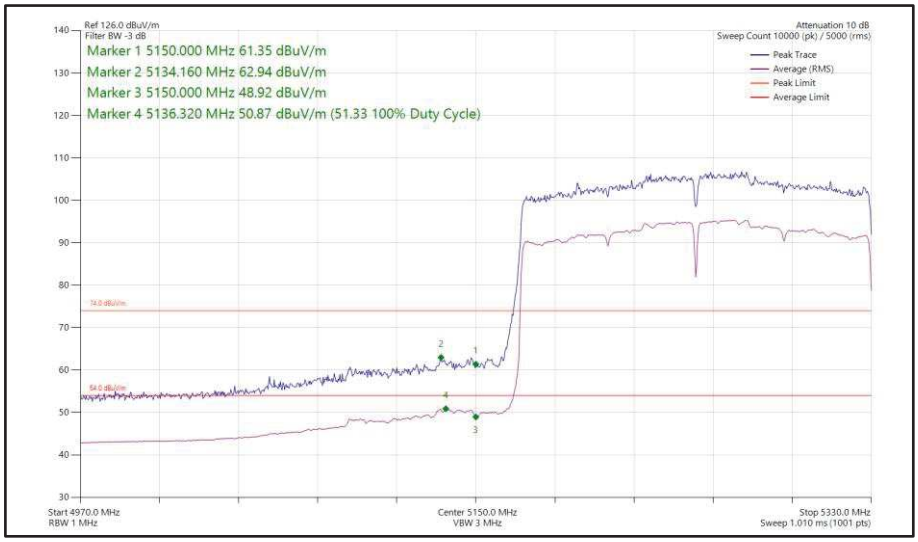

Figure 194 - 802.11ax HE160, SU, SISO, Core 1 - 5250 MHz Band Edge Frequency 5150 MHz

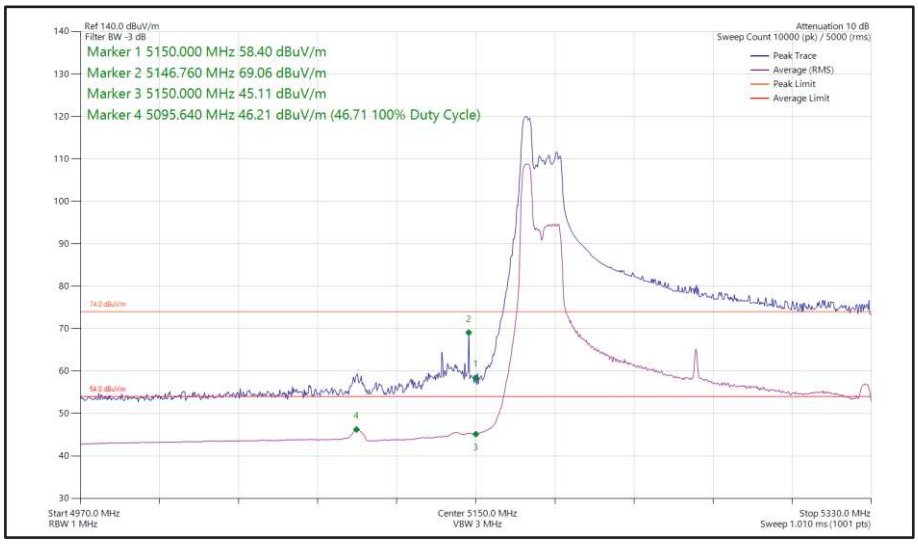

Figure 195 - 802.11ax HE160, RU 52-37, SISO, Core 1 - 5250 MHz Band Edge Frequency 5150 MHz

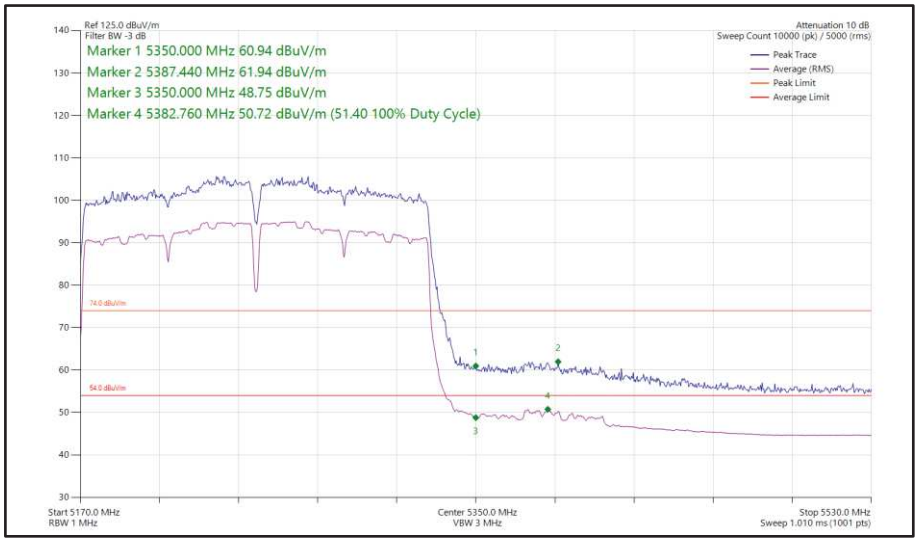

Figure 196 - 802.11ac VHT160, SISO, Core 1 - 5250 MHz Band Edge Frequency 5350 MHz

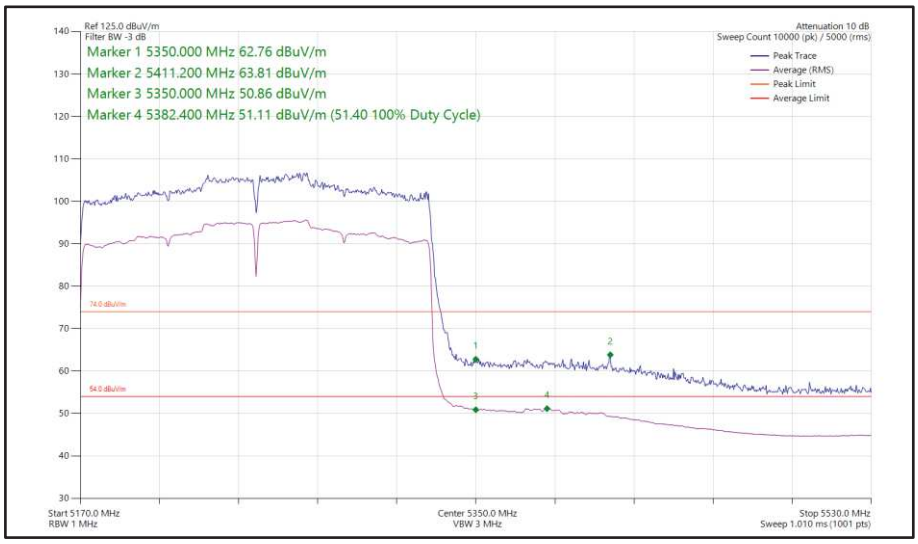

Figure 197 - 802.11ax HE160, SU, SISO, Core 1 - 5250 MHz Band Edge Frequency 5350 MHz

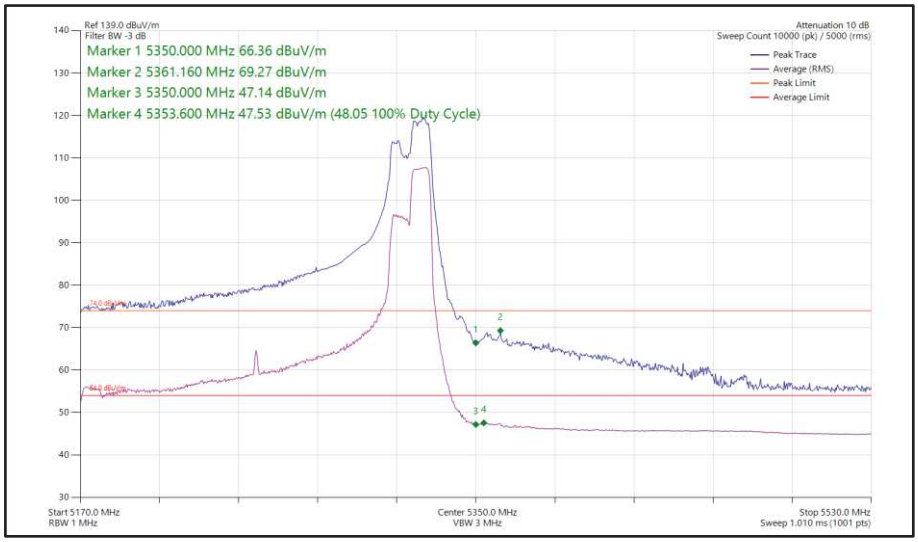

Figure 198 - 802.11ax HE160, RU 106-60, SISO, Core 1 - 5250 MHz Band Edge Frequency 5350 MHz

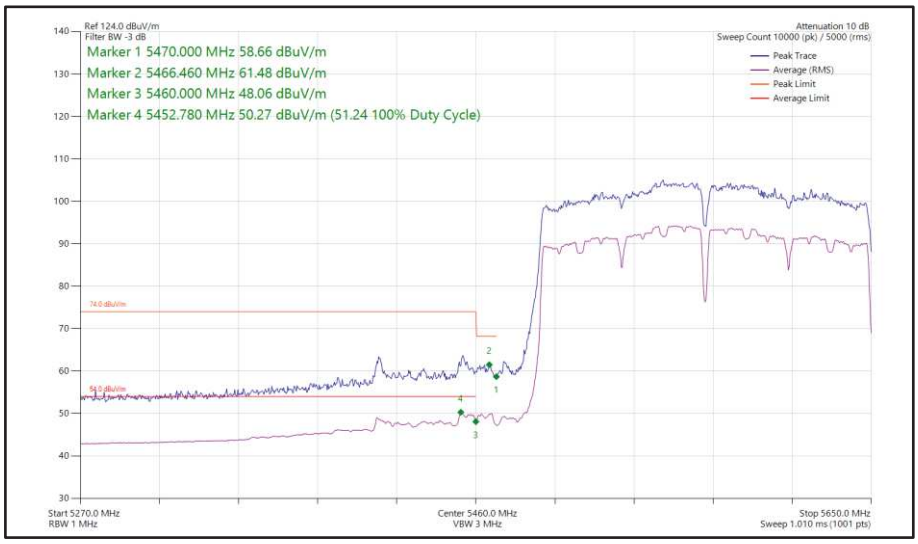

Figure 199 - 802.11ac VHT160, SISO, Core 1 - 5570 MHz Band Edge Frequency 5460 MHz

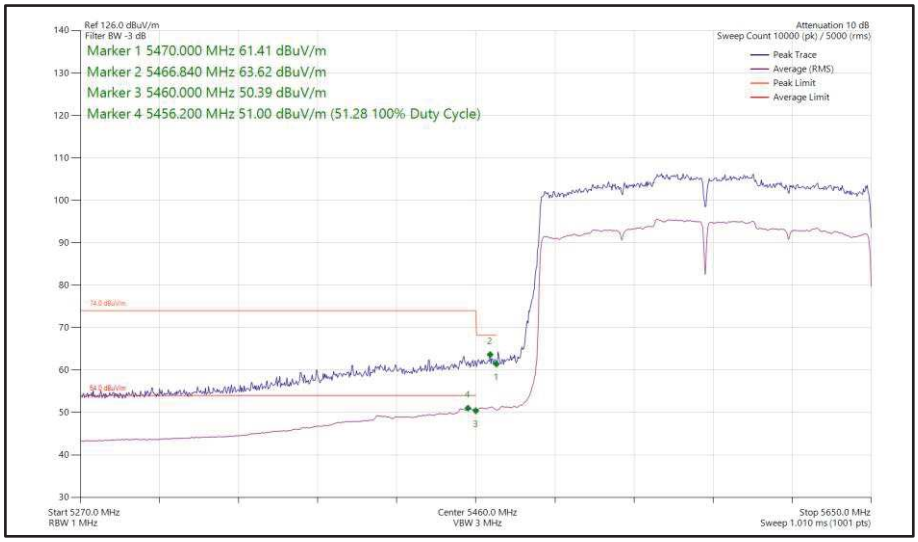

Figure 200 - 802.11ax HE160, SU, SISO, Core 1 - 5570 MHz Band Edge Frequency 5460 MHz

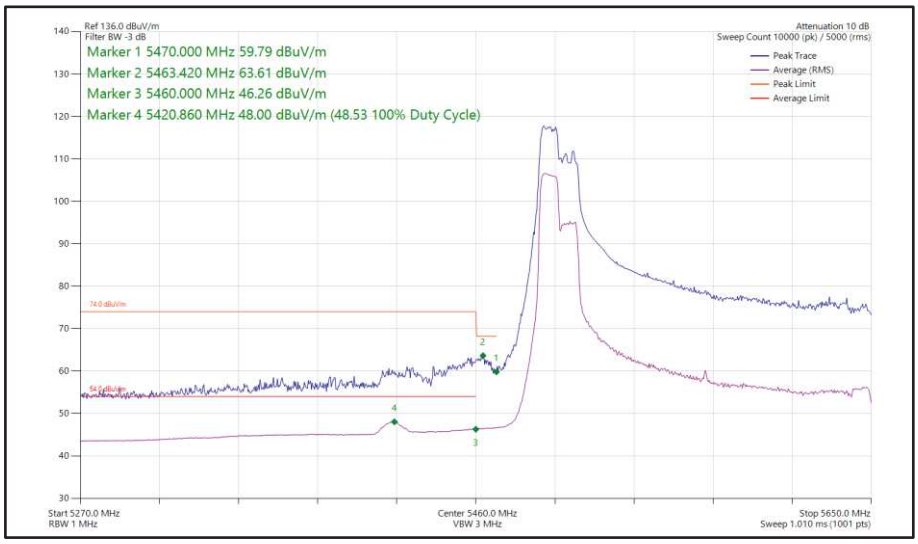

Figure 201 - 802.11ax HE160, RU 106-53, SISO, Core 1 - 5570 MHz Band Edge Frequency 5460 MHz

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 (dBuV/m)
802.11ac VHT160	MCS8x1	-	-	5250	5150	63.21	51.42
802.11ax HE160	MCS2x1	SU	-	5250	5150	64.75	51.49
802.11ax HE160	MCS11x1	106	53	5250	5150	69.15	48.13
802.11ac VHT160	MCS2x1	-	-	5250	5350	63.04	51.48
802.11ax HE160	MCS2x1	SU	-	5250	5350	63.06	51.40
802.11ax HE160	MCS11x1	106	60	5250	5350	69.11	48.80
802.11ac VHT160	MCS2x1	-	-	5570	5460	62.20	51.40
802.11ax HE160	MCS4x1	SU	-	5570	5460	63.49	51.32
802.11ax HE160	MCS11x1	106	53	5570	5460	63.49	50.50

Table 23 - CDD Restricted Band Edge Results

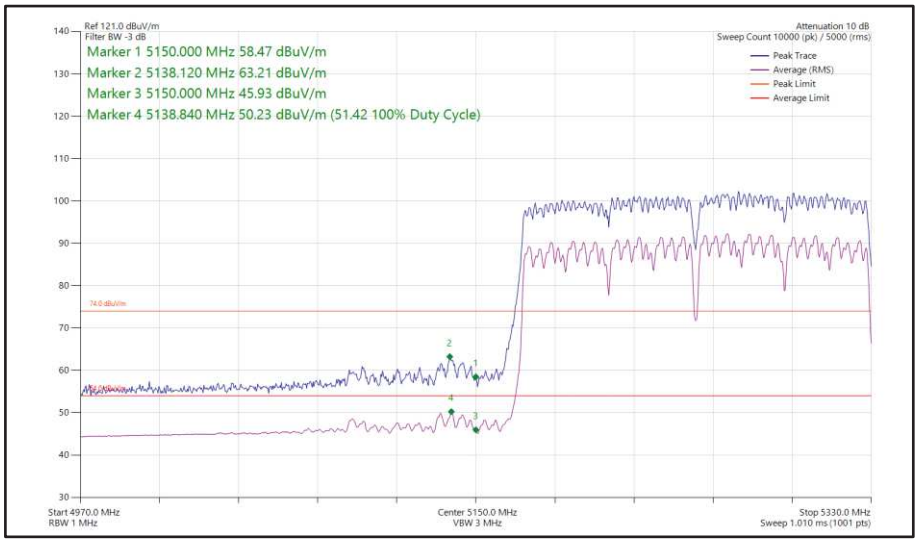

Figure 202 - 802.11ac VHT160, CDD, Core 0 + Core 1 - 5250 MHz Band Edge Frequency 5150 MHz

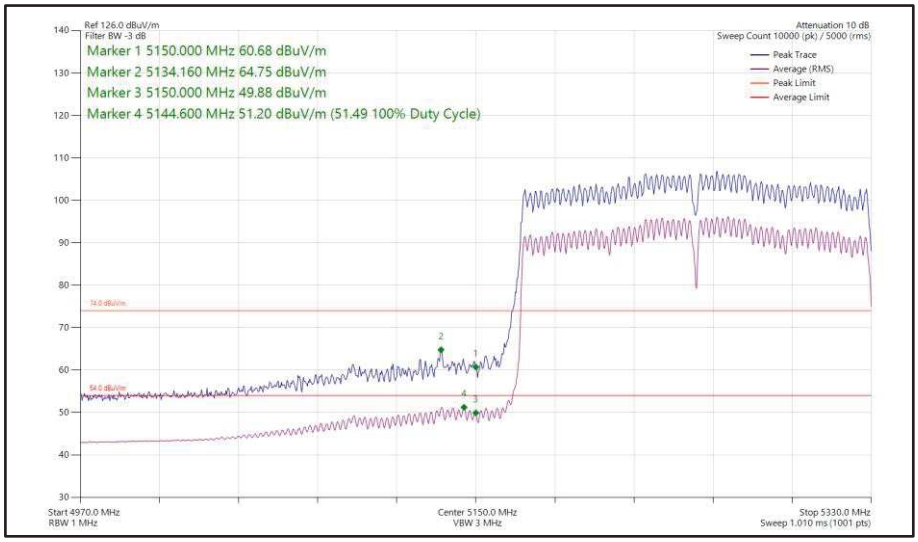

Figure 203 - 802.11ax HE160, SU, CDD, Core 0 + Core 1 - 5250 MHz Band Edge Frequency 5150 MHz

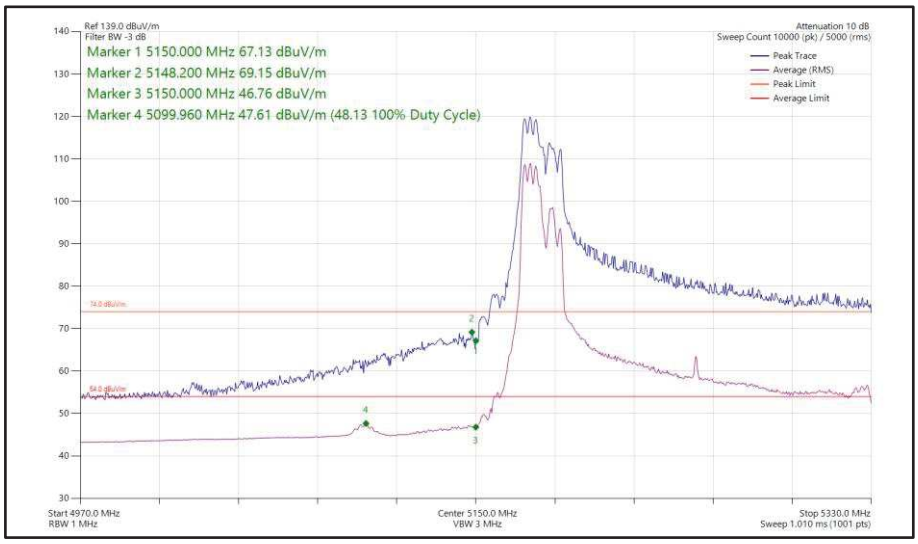

Figure 204 - 802.11ax HE160, RU 106-53, CDD, Core 0 + Core 1 - 5250 MHz Band Edge Frequency 5150 MHz

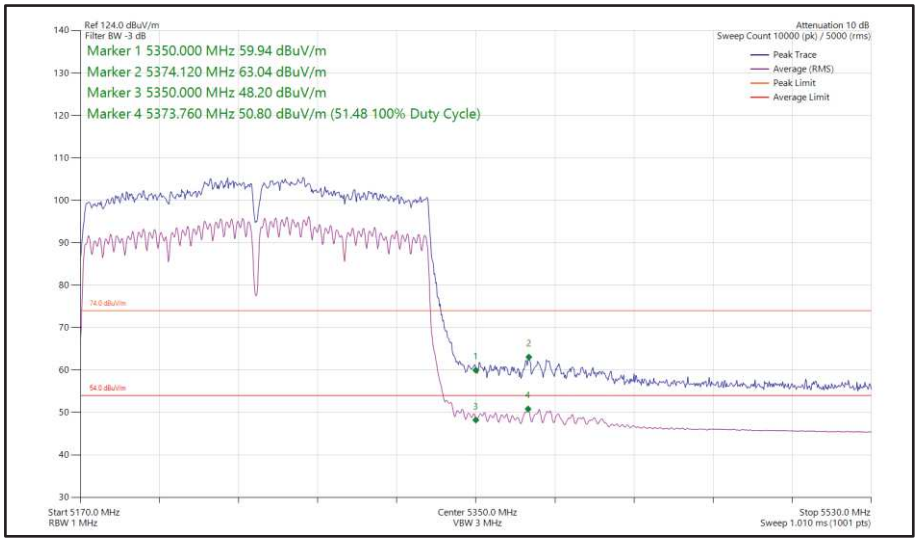

Figure 205 - 802.11ac VHT160, CDD, Core 0 + Core 1 - 5250 MHz Band Edge Frequency 5350 MHz

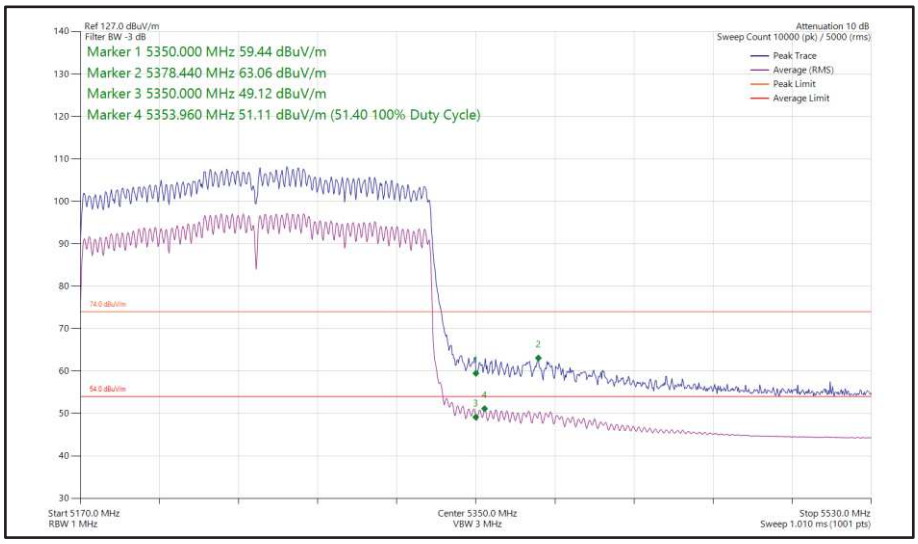

Figure 206 - 802.11ax HE160, SU, CDD, Core 0 + Core 1 - 5250 MHz Band Edge Frequency 5350 MHz

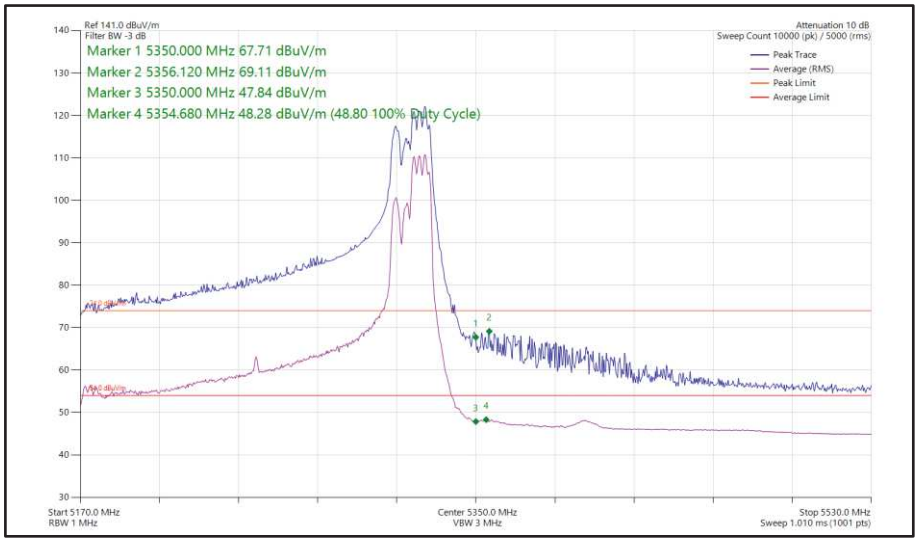

Figure 207 - 802.11ax HE160, RU 106-60, CDD, Core 0 + Core 1 - 5250 MHz Band Edge Frequency 5350 MHz

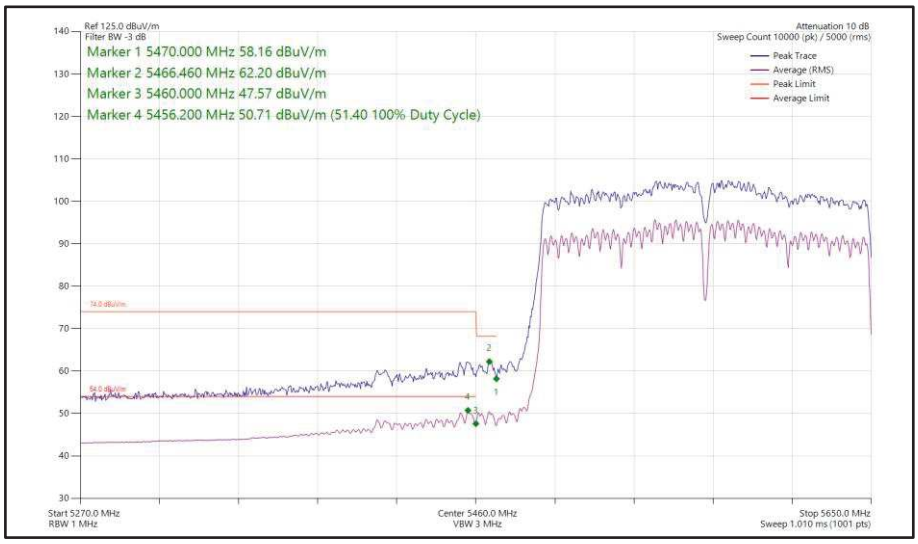

Figure 208 - 802.11ac VHT160, CDD, Core 0 + Core 1 - 5570 MHz Band Edge Frequency 5460 MHz

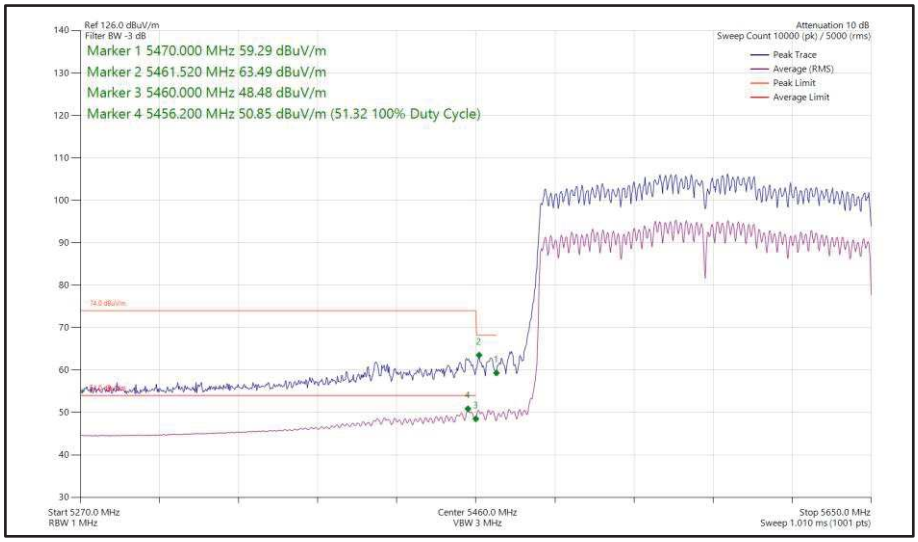

Figure 209 - 802.11ax HE160, SU, CDD, Core 0 + Core 1 - 5570 MHz Band Edge Frequency 5460 MHz

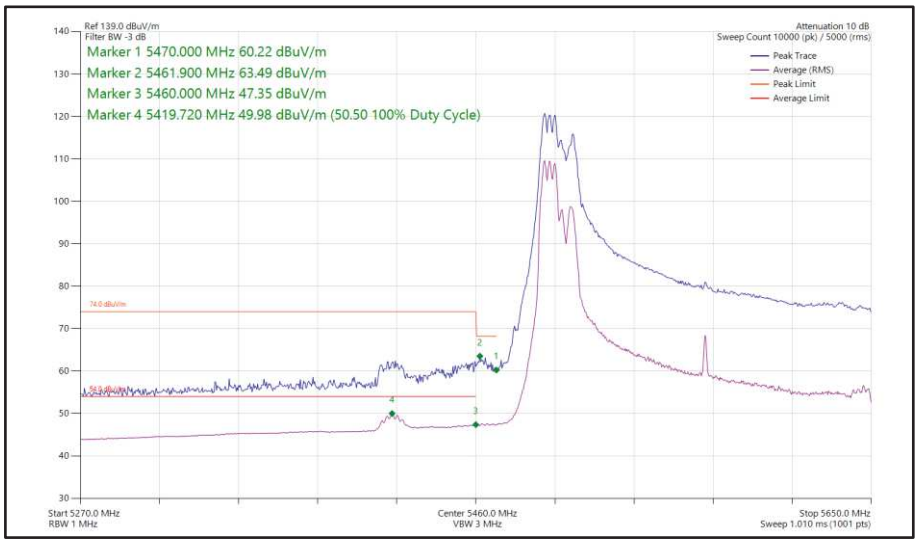

Figure 210 - 802.11ax HE160, RU 106-53, CDD, Core 0 + Core 1 - 5570 MHz Band Edge Frequency 5460 MHz

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 (dBuV/m)
802.11ac VHT160	MCS8x2	-	-	5250	5150	63.36	51.39
802.11ax HE160	MCS4x2	SU	-	5250	5150	64.03	51.50
802.11ax HE160	MCS11x2	106	53	5250	5150	69.01	47.88
802.11ac VHT160	MCS4x2	-	-	5250	5350	61.71	51.42
802.11ax HE160	MCS4x2	SU	-	5250	5350	63.97	50.99
802.11ax HE160	MCS11x2	106	60	5250	5350	69.19	47.65
802.11ac VHT160	MCS2x2	-	-	5570	5460	61.19	51.09
802.11ax HE160	MCS2x2	SU	-	5570	5460	62.35	51.20
802.11ax HE160	MCS11x2	52	37	5570	5460	66.80	51.19

Table 24 - SDM Restricted Band Edge Results

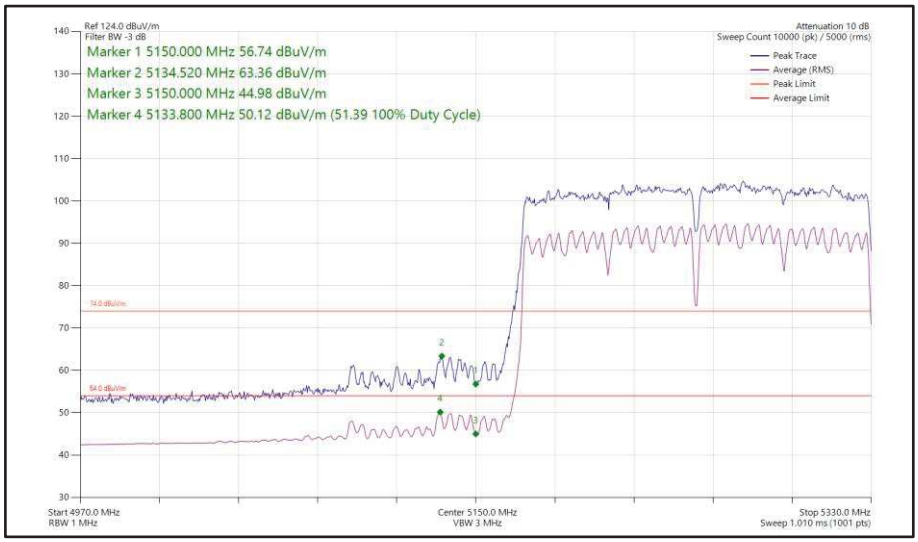

Figure 211 - 802.11ac VHT160, SDM, Core 0 + Core 1 - 5250 MHz Band Edge Frequency 5150 MHz

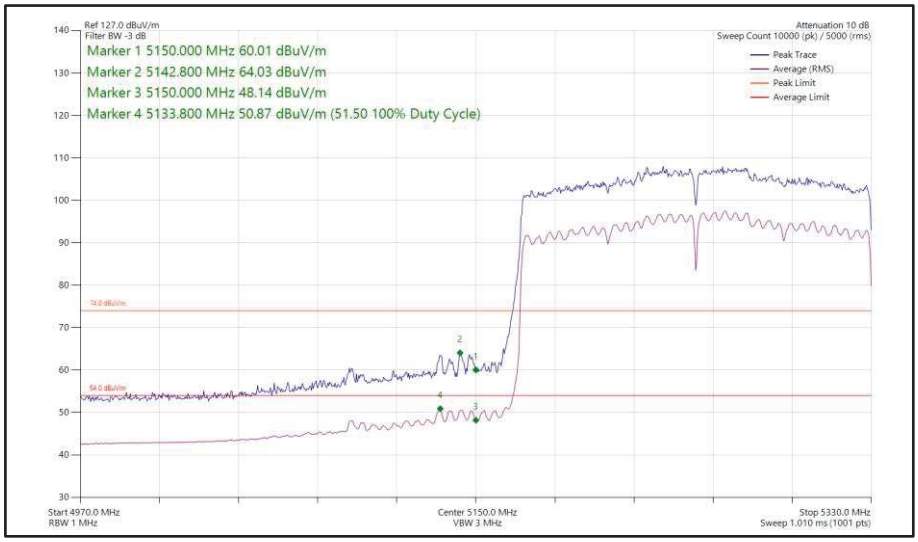

Figure 212 - 802.11ax HE160, SU, SDM, Core 0 + Core 1 - 5250 MHz Band Edge Frequency 5150 MHz

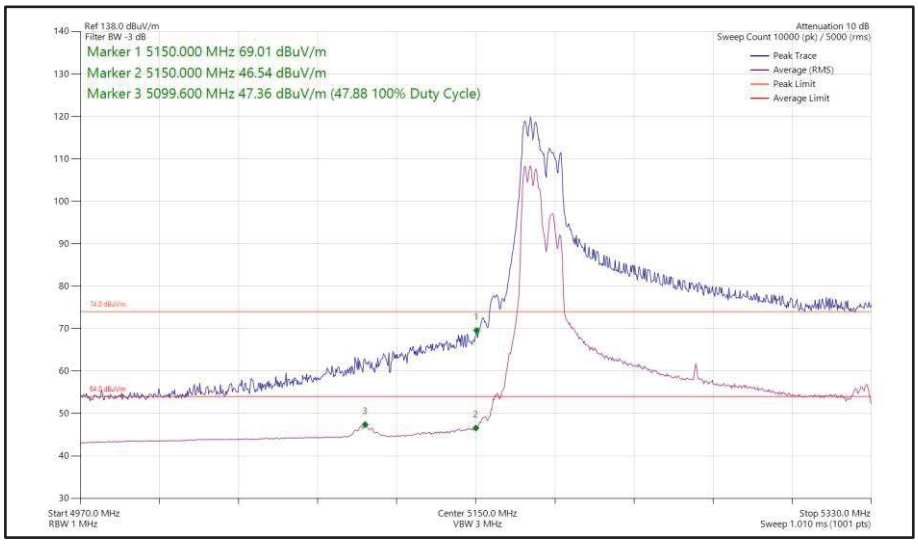

Figure 213 - 802.11ax HE160, RU 106-53, SDM, Core 0 + Core 1 - 5250 MHz Band Edge Frequency 5150 MHz

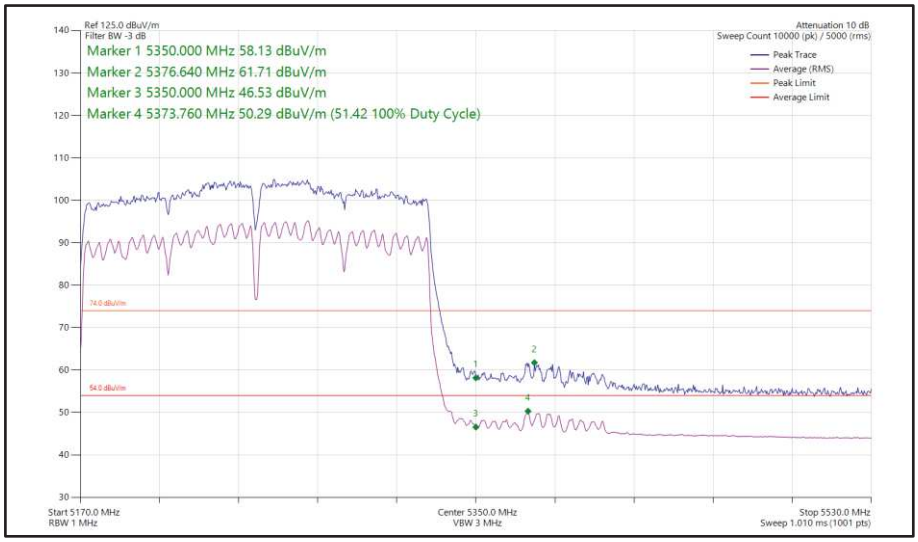

Figure 214 - 802.11ac VHT160, SDM, Core 0 + Core 1 - 5250 MHz Band Edge Frequency 5350 MHz

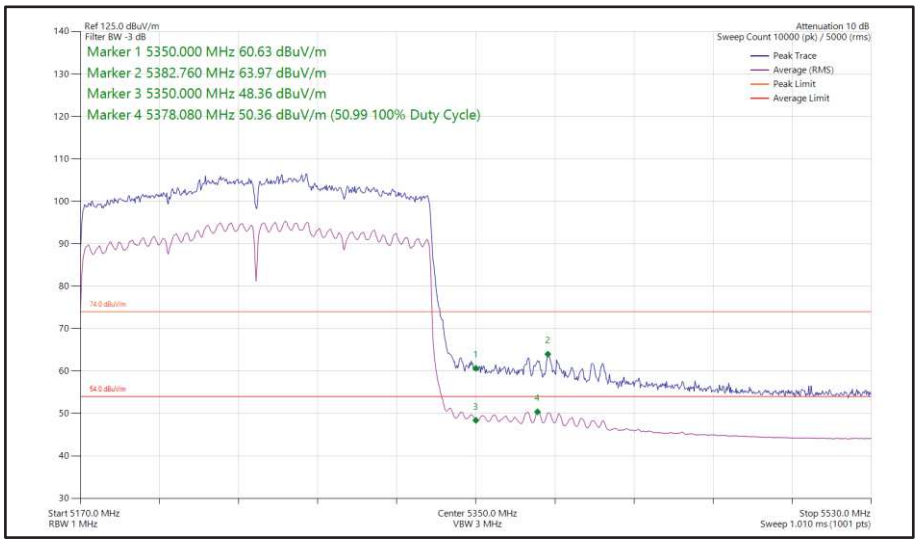

Figure 215 - 802.11ax HE160, SU, SDM, Core 0 + Core 1 - 5250 MHz Band Edge Frequency 5350 MHz

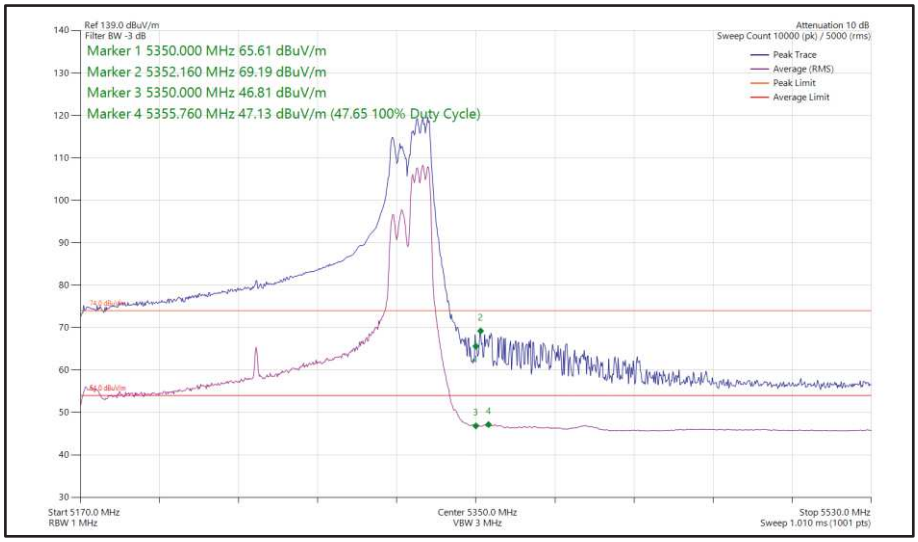

Figure 216 - 802.11ax HE160, RU 106-60, SDM, Core 0 + Core 1 - 5250 MHz Band Edge Frequency 5350 MHz

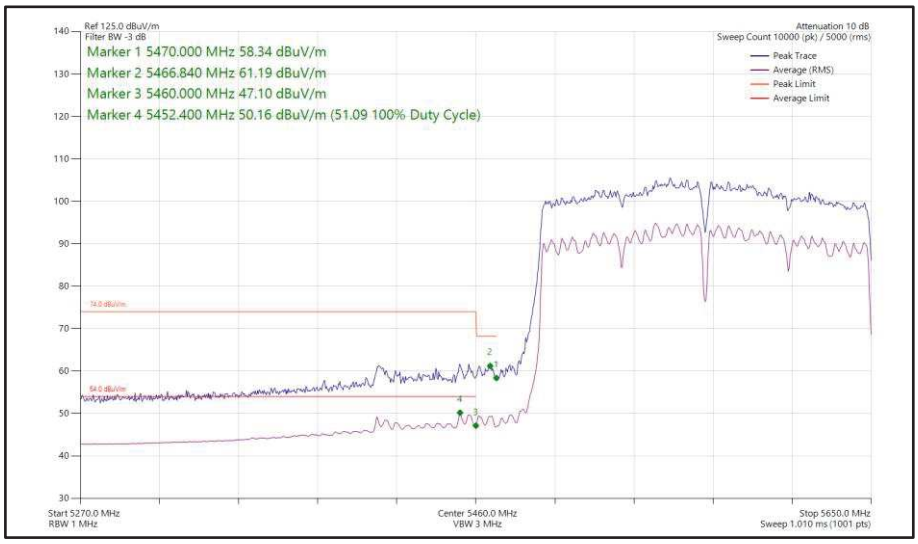

Figure 217 - 802.11ac VHT160, SDM, Core 0 + Core 1 - 5570 MHz Band Edge Frequency 5460 MHz

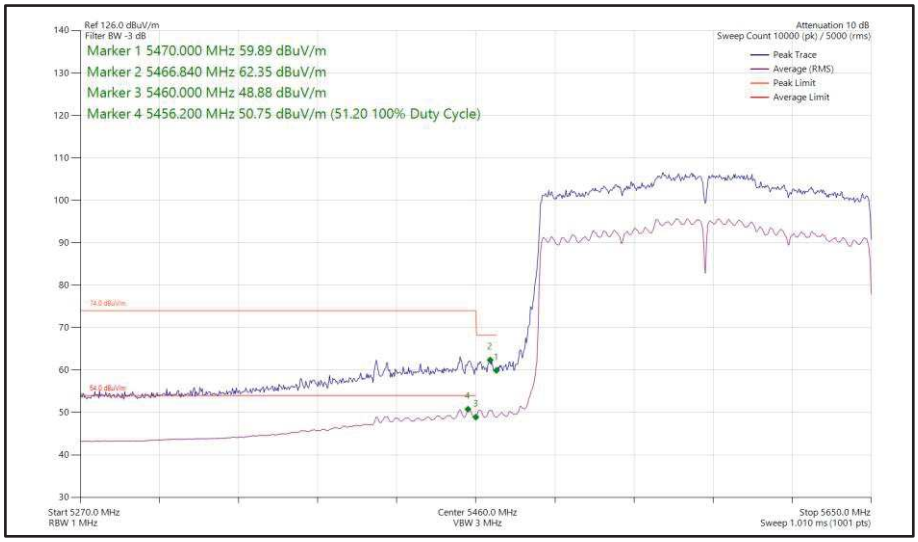

Figure 218 - 802.11ax HE160, SU, SDM, Core 0 + Core 1 - 5570 MHz Band Edge Frequency 5460 MHz

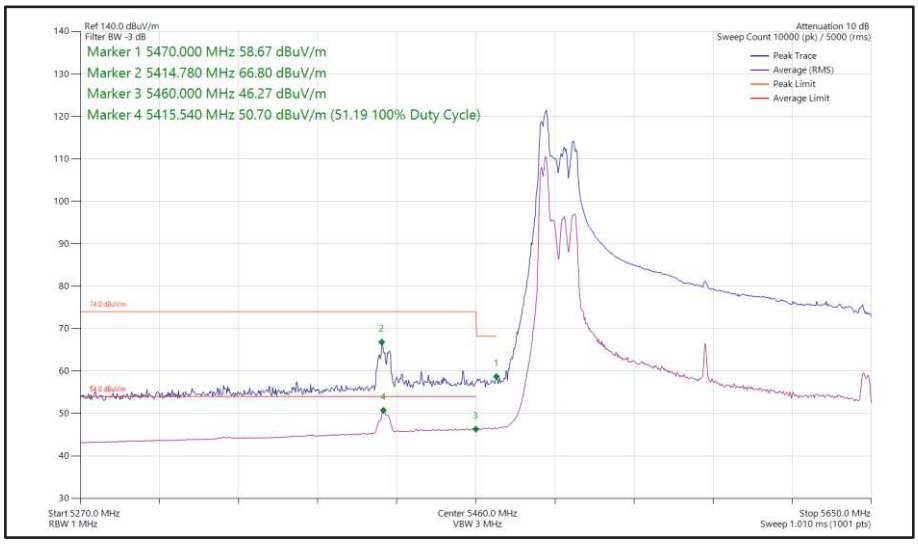

Figure 219 - 802.11ax HE160, RU 52-37, SDM, Core 0 + Core 1 - 5570 MHz Band Edge Frequency 5460 MHz

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

	Peak (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
Cable (18 GHz)	Rosenberger	LU7-071-1000	5100	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
1500W (300V 12A) AC Power Supply	iTech	IT7324	5957	-	O/P Mon
3m Semi-Anechoic Chamber	Albatross Projects	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
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	21-Aug-2023
Digital Multimeter	Fluke	115	6146	12	15-Jun-2024
Humidity & Temperature meter	R.S Components	1364	6148	12	21-Jul-2023
Coaxial Fixed Attenuator DC-18GHz 5W 10dB	RF-Lambda	RFS5G18B10SMP	6178	12	17-Jul-2023
EMI Test Receiver	Rohde & Schwarz	ESW44	6294	12	03-Nov-2023
Cable (SMA to SMA 8m)	Junkosha	MWX221-08000AMSAMS/B	6318	12	04-Feb-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

A2992, S/N: JYH72K1GF6 - Modification State 0
A2992, S/N: YK6L37Y361 - Modification State 0

2.2.3 Date of Test

17-August-2023 to 13-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	22.0 - 22.2 °C
Relative Humidity	50.1 - 50.2 %

2.2.6 Test Results

5 GHz WLAN

SISO

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11a	20.760	21.420
802.11n HT20	21.000	22.980
802.11n HT40	41.640	46.440
802.11ac VHT80	84.260	93.500
802.11ac VHT160	165.900	165.900
802.11ax HE20 SU	20.940	21.780
802.11ax HE40 SU	41.520	43.680
802.11ax HE80 SU	83.380	92.180
802.11ax HE160 SU	165.480	165.480

Table 27 - 26 dB Bandwidth Summary Results - SISO

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11a	16.140	16.140
802.11n HT20	17.340	17.640
802.11n HT40	35.760	36.120
802.11ac VHT80	75.680	75.680
802.11ax HE20 SU	18.960	19.080
802.11ax HE40 SU	38.160	38.160
802.11ax HE80 SU	77.660	77.660

Table 28 - 6 dB Bandwidth Summary Results - SISO

Figure 220 - 802.11a Minimum 6 dB EBW

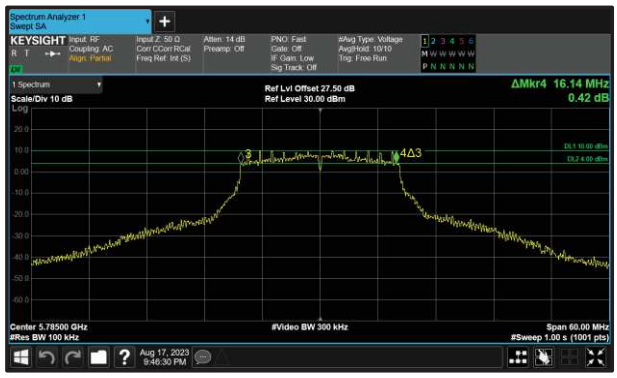

Figure 221 - 802.11a Maximum 6 dB EBW

Figure 222 - 802.11n HT20 Minimum 6 dB EBW

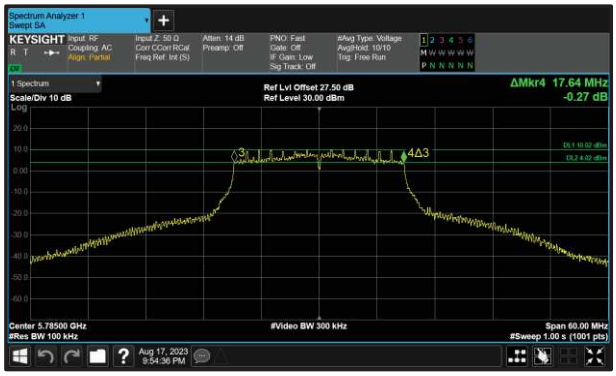

Figure 223 - 802.11n HT20 Maximum 6 dB EBW

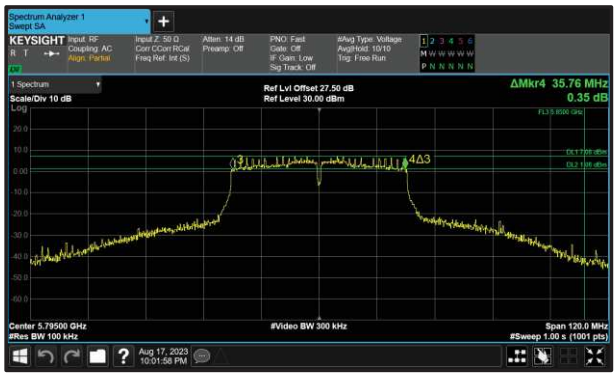

Figure 224 - 802.11n HT40 Minimum 6 dB EBW

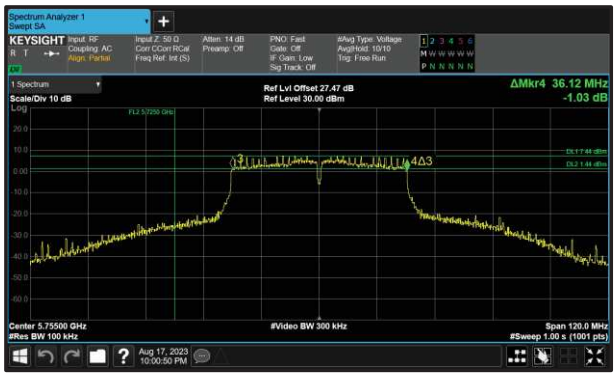

Figure 225 - 802.11n HT40 Maximum 6 dB EBW

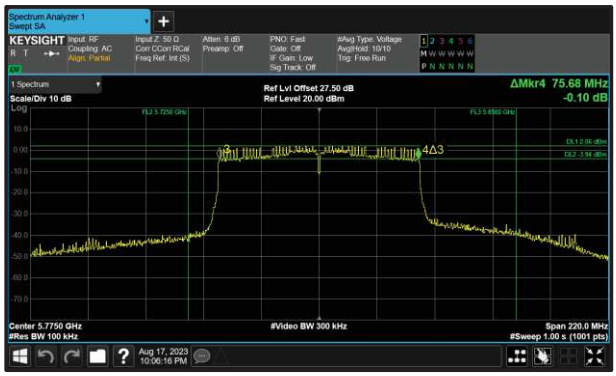

Figure 226 - 802.11ac VHT80 Minimum 6 dB EBW

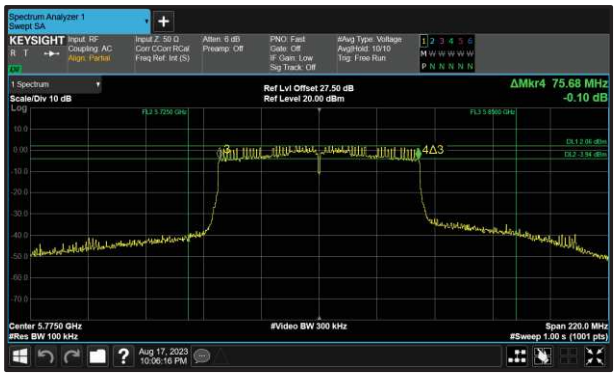

Figure 227 - 802.11ac VHT80 Maximum 6 dB EBW

Figure 228 - 802.11ax HE20 SU Minimum 6 dB EBW

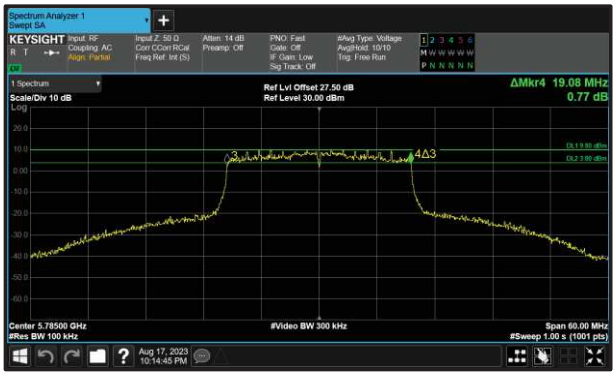

Figure 229 - 802.11ax HE20 SU Maximum 6 dB EBW

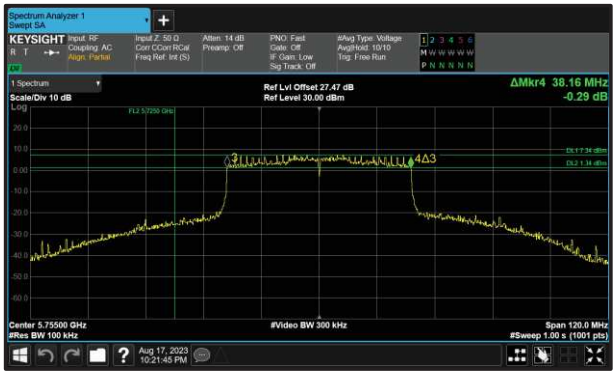

Figure 230 - 802.11ax HE40 SU Minimum 6 dB EBW

Figure 231 - 802.11ax HE40 SU Maximum 6 dB EBW

Figure 232 - 802.11ax HE80 SU Minimum 6 dB EBW

Figure 233 - 802.11ax HE80 SU Maximum 6 dB EBW

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11a	16.500	16.620
802.11n HT20	17.700	17.820
802.11n HT40	36.360	36.720
802.11ac VHT80	75.460	75.900
802.11ac VHT160	154.560	154.560
802.11ax HE20 SU	18.900	19.020
802.11ax HE40 SU	37.800	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 234 - 802.11a Minimum 99% OBW

Figure 235 - 802.11a Maximum 99% OBW

Figure 236 - 802.11n HT20 Minimum 99% OBW

Figure 237 - 802.11n HT20 Maximum 99% OBW

Figure 238 - 802.11n HT40 Minimum 99% OBW

Figure 239 - 802.11n HT40 Maximum 99% OBW

Figure 240 - 802.11ac VHT80 Minimum 99% OBW

Figure 241 - 802.11ac VHT80 Maximum 99% OBW

Figure 242 - 802.11ac VHT160 Minimum 99% OBW

Figure 243 - 802.11ac VHT160 Maximum 99% OBW

Figure 244 - 802.11ax HE20 SU Minimum 99% OBW

Figure 245 - 802.11ax HE20 SU Maximum 99% OBW

Figure 246 - 802.11ax HE40 SU Minimum 99% OBW

Figure 247 - 802.11ax HE40 SU Maximum 99% OBW

Figure 248 - 802.11ax HE80 SU Minimum 99% OBW

Figure 249 - 802.11ax HE80 SU Maximum 99% OBW

Figure 250 - 802.11ax HE160 SU Minimum 99% OBW

Figure 251 - 802.11ax HE160 SU Maximum 99% OBW

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	21.180	-	-	-	-
5220	20.820	-	-	-	-
5240	20.820	-	-	-	-

Table 30 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	16.620	-	-	-	-
5220	16.560	-	-	-	-
5240	16.560	-	-	-	-

Table 31 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	21.600	-	-	-	-
5220	21.060	-	-	-	-
5240	21.000	-	-	-	-

Table 32 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	17.820	-	-	-	-
5220	17.700	-	-	-	-
5240	17.700	-	-	-	-

Table 33 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	42.720	-	-	-	-
5230	41.640	-	-	-	-

Table 34 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	36.600	-	-	-	-
5230	36.360	-	-	-	-

Table 35 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	86.240	-	-	-	-

Table 36 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	75.900	-	-	-	-

Table 37 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	82.740	-	-	-	-

Table 38 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	76.860	-	-	-	-

Table 39 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	21.660	-	-	-	-
5220	21.060	-	-	-	-
5240	21.060	-	-	-	-

Table 40 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	18.960	-	-	-	-
5220	18.960	-	-	-	-
5240	18.960	-	-	-	-

Table 41 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	43.080	-	-	-	-
5230	41.640	-	-	-	-

Table 42 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	37.920	-	-	-	-
5230	37.800	-	-	-	-

Table 43 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	84.260	-	-	-	-

Table 44 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	76.780	-	-	-	-

Table 45 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	82.320	-	-	-	-

Table 46 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	77.700	-	-	-	-

Table 47 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	20.820	-	-	-	-
5300	20.760	-	-	-	-
5320	21.240	-	-	-	-

Table 48 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	16.560	-	-	-	-
5300	16.560	-	-	-	-
5320	16.620	-	-	-	-

Table 49 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	21.180	-	-	-	-
5300	21.000	-	-	-	-
5320	22.980	-	-	-	-

Table 50 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	17.700	-	-	-	-
5300	17.700	-	-	-	-
5320	17.760	-	-	-	-

Table 51 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	41.640	-	-	-	-
5310	42.840	-	-	-	-

Table 52 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	36.360	-	-	-	-
5310	36.600	-	-	-	-

Table 53 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	84.260	-	-	-	-

Table 54 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	75.680	-	-	-	-

Table 55 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	83.160	-	-	-	-

Table 56 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	77.280	-	-	-	-

Table 57 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	21.120	-	-	-	-
5300	21.000	-	-	-	-
5320	21.600	-	-	-	-

Table 58 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	18.900	-	-	-	-
5300	18.900	-	-	-	-
5320	18.960	-	-	-	-

Table 59 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	41.640	-	-	-	-
5310	43.080	-	-	-	-

Table 60 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	37.800	-	-	-	-
5310	37.920	-	-	-	-

Table 61 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	83.380	-	-	-	-

Table 62 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	76.780	-	-	-	-

Table 63 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	83.160	-	-	-	-

Table 64 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	77.700	-	-	-	-

Table 65 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	21.420	-	-	-
5600	-	20.760	-	-	-
5700	-	21.240	-	-	-
5720	-	15.320	-	-	-

Table 66 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	16.620	-	-	-
5600	-	16.500	-	-	-
5700	-	16.620	-	-	-
5720	-	13.100	-	-	-

Table 67 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	21.900	-	-	-
5600	-	21.060	-	-	-
5700	-	22.800	-	-	-
5720	-	15.560	-	-	-

Table 68 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	17.820	-	-	-
5600	-	17.700	-	-	-
5700	-	17.760	-	-	-
5720	-	13.700	-	-	-

Table 69 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	-	43.560	-	-	-
5590	-	42.120	-	-	-
5670	-	46.440	-	-	-
5710	-	35.760	-	-	-

Table 70 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	-	36.600	-	-	-
5590	-	36.480	-	-	-
5670	-	36.720	-	-	-
5710	-	32.880	-	-	-

Table 71 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	-	85.140	-	-	-
5610	-	93.500	-	-	-
5690	-	76.140	-	-	-

Table 72 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	-	75.680	-	-	-
5610	-	75.900	-	-	-
5690	-	72.180	-	-	-

Table 73 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT160	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5570	-	165.900	-	-	-

Table 74 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5570	-	154.560	-	-	-

Table 75 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	21.780	-	-	-
5600	-	20.940	-	-	-
5700	-	21.780	-	-	-
5720	-	15.500	-	-	-

Table 76 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	19.020	-	-	-
5600	-	18.900	-	-	-
5700	-	18.960	-	-	-
5720	-	14.360	-	-	-

Table 77 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	-	43.680	-	-	-
5590	-	41.520	-	-	-
5670	-	43.680	-	-	-
5710	-	35.880	-	-	-

Table 78 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	-	37.920	-	-	-
5590	-	37.920	-	-	-
5670	-	37.920	-	-	-
5710	-	33.600	-	-	-

Table 79 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	-	83.600	-	-	-
5610	-	92.180	-	-	-
5690	-	76.140	-	-	-

Table 80 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	-	77.000	-	-	-
5610	-	77.220	-	-	-
5690	-	72.840	-	-	-

Table 81 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):	-	Test Method(s):	C63.10 6.9.3 C63.10 12.5.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5570	-	165.480	-	-	-

Table 82 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5570	-	155.820	-	-	-

Table 83 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) | B (Core 1)	Active Chain(s):	0 | 1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	3.220	-	-	≥500.0
5745	16.140	-	-	-	≥500.0
5785	16.140	-	-	-	≥500.0
5825	16.140	-	-	-	≥500.0

Table 84 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	4.000	-	-	-
5745	16.620	-	-	-	-
5785	16.620	-	-	-	-
5825	16.680	-	-	-	-

Table 85 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) | B (Core 1)	Active Chain(s):	0 | 1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	3.880	-	-	≥500.0
5745	17.340	-	-	-	≥500.0
5785	17.640	-	-	-	≥500.0
5825	17.340	-	-	-	≥500.0

Table 86 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	4.240	-	-	-
5745	17.760	-	-	-	-
5785	17.760	-	-	-	-
5825	17.760	-	-	-	-

Table 87 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) | B (Core 1)	Active Chain(s):	0 | 1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	-	3.240	-	-	≥500.0
5755	36.120	-	-	-	≥500.0
5795	35.760	-	-	-	≥500.0

Table 88 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	-	9.840	-	-	-
5755	36.600	-	-	-	-
5795	36.480	-	-	-	-

Table 89 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) | B (Core 1)	Active Chain(s):	0 | 1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	-	3.280	-	-	≥500.0
5775	75.680	-	-	-	≥500.0

Table 90 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	-	34.740	-	-	-
5775	75.460	-	-	-	-

Table 91 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) | B (Core 1)	Active Chain(s):	0 | 1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	4.540	-	-	≥500.0
5745	19.020	-	-	-	≥500.0
5785	19.080	-	-	-	≥500.0
5825	18.960	-	-	-	≥500.0

Table 92 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	4.660	-	-	-
5745	18.960	-	-	-	-
5785	18.960	-	-	-	-
5825	18.960	-	-	-	-

Table 93 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) | B (Core 1)	Active Chain(s):	0 | 1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	-	4.080	-	-	≥500.0
5755	38.160	-	-	-	≥500.0
5795	38.160	-	-	-	≥500.0

Table 94 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	-	7.200	-	-	-
5755	37.920	-	-	-	-
5795	37.920	-	-	-	-

Table 95 - 99% Bandwidth Results

Test Configuration			
Frequency Range:	5.725-5.850 GHz	Band:	U-NII-3
Limit Clause(s):	15.407(e) RSS-247 6.2.4.1	Test Method(s):	C63.10 6.9.3 789033 D02 v02r01 II.C.2.
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) | B (Core 1)	Active Chain(s):	0 | 1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	-	3.940	-	-	≥500.0
5775	77.660	-	-	-	≥500.0

Table 96 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	-	29.020	-	-	-
5775	76.780	-	-	-	-

Table 97 - 99% Bandwidth Results

MIMO CDD

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	20.940	22.320
802.11n HT40	41.300	44.760
802.11ac VHT80	84.040	87.340
802.11ac VHT160	165.480	165.480
802.11ax HE20 SU	21.000	24.240
802.11ax HE40 SU	41.520	43.920
802.11ax HE80 SU	83.160	85.580
802.11ax HE160 SU	165.900	165.900

Table 98 - 26 dB Bandwidth Summary Results - MIMO CDD

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	16.560	17.340
802.11n HT40	35.400	35.520
802.11ac VHT80	75.680	75.680
802.11ax HE20 SU	18.840	19.020
802.11ax HE40 SU	37.320	38.160
802.11ax HE80 SU	76.560	76.780

Table 99 - 6 dB Bandwidth Summary Results - MIMO CDD

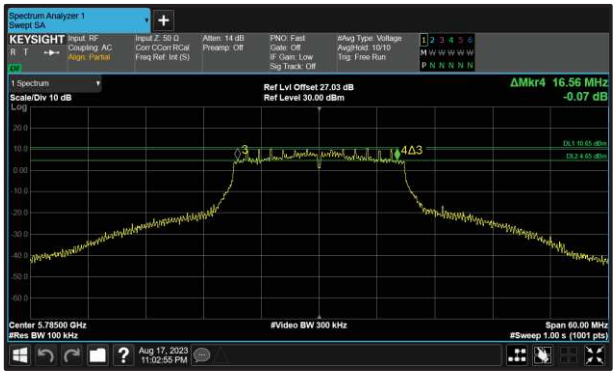

Figure 252 - 802.11n HT20 Minimum 6 dB EBW

Figure 253 - 802.11n HT20 Maximum 6 dB EBW

Figure 254 - 802.11n HT40 Minimum 6 dB EBW

Figure 255 - 802.11n HT40 Maximum 6 dB EBW

Figure 256 - 802.11ac VHT80 Minimum 6 dB EBW

Figure 257 - 802.11ac VHT80 Maximum 6 dB EBW

Figure 258 - 802.11ax HE20 SU Minimum 6 dB EBW

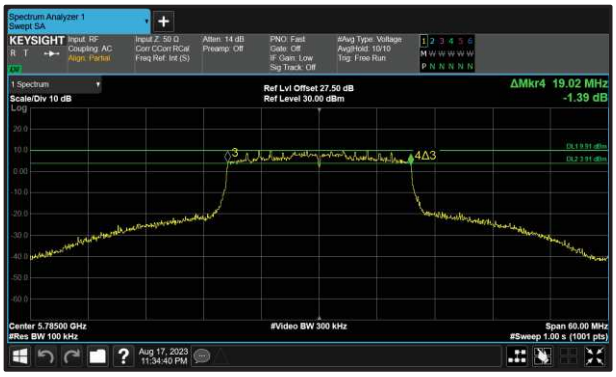

Figure 259 - 802.11ax HE20 SU Maximum 6 dB EBW

Figure 260 - 802.11ax HE40 SU Minimum 6 dB EBW

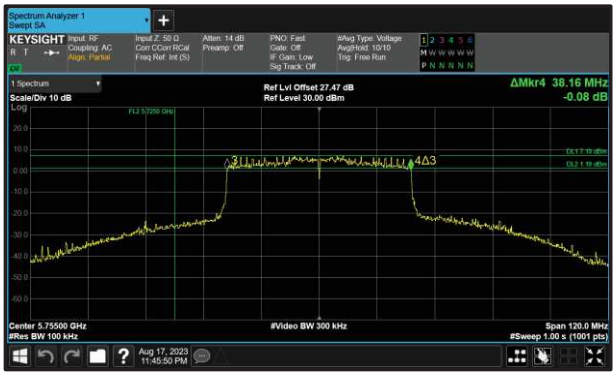

Figure 261 - 802.11ax HE40 SU Maximum 6 dB EBW

Figure 262 - 802.11ax HE80 SU Minimum 6 dB EBW

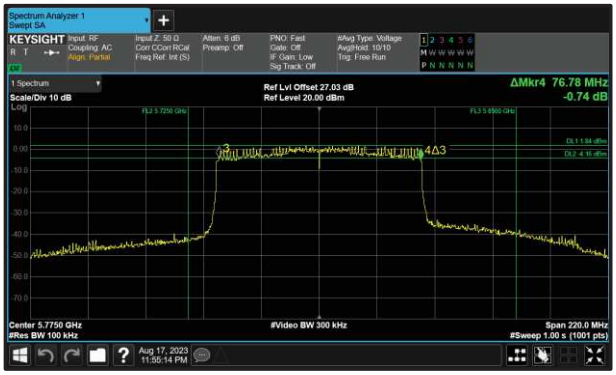

Figure 263 - 802.11ax HE80 SU Maximum 6 dB EBW

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	17.640	17.820
802.11n HT40	36.300	36.600
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	155.820	155.820

Table 100 - 99% Bandwidth Summary Results - MIMO CDD

Figure 264 - 802.11n HT20 Minimum 99% OBW

Figure 265 - 802.11n HT20 Maximum 99% OBW

Figure 266 - 802.11n HT40 Minimum 99% OBW

Figure 267 - 802.11n HT40 Maximum 99% OBW

Figure 268 - 802.11ac VHT80 Minimum 99% OBW

Figure 269 - 802.11ac VHT80 Maximum 99% OBW

Figure 270 - 802.11ac VHT160 Minimum 99% OBW

Figure 271 - 802.11ac VHT160 Maximum 99% OBW

Figure 272 - 802.11ax HE20 SU Minimum 99% OBW

Figure 273 - 802.11ax HE20 SU Maximum 99% OBW