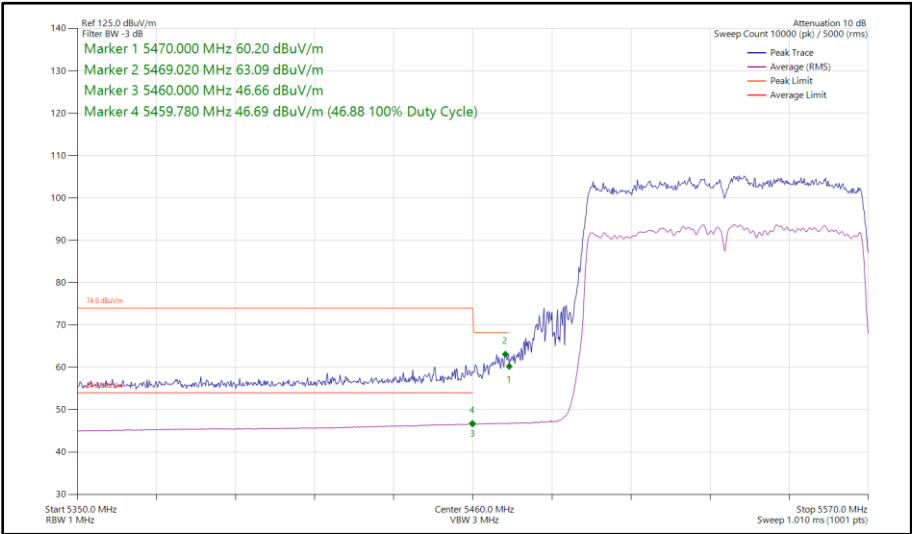


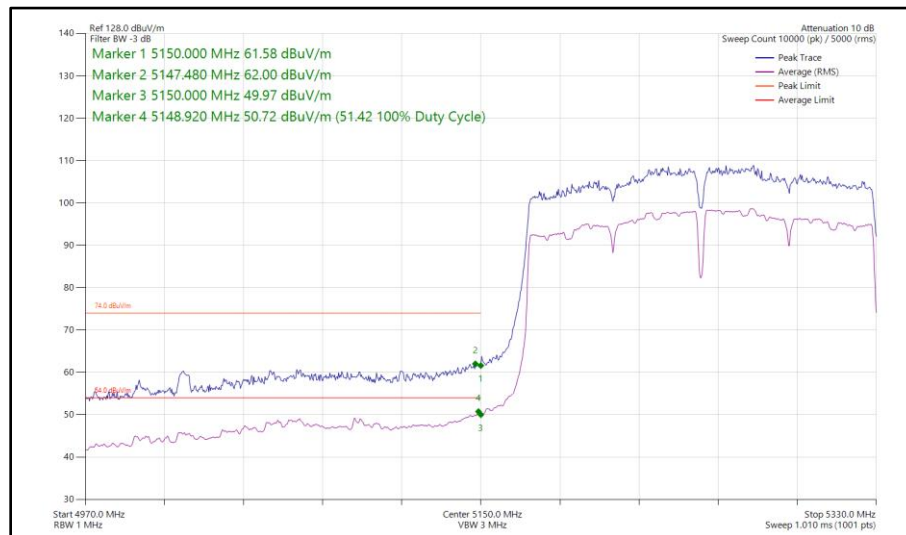


**Figure 191 - 802.11ac VHT80, TxBF, Core 0 - Core 1 - 5530 MHz
Band Edge Frequency 5460 MHz**

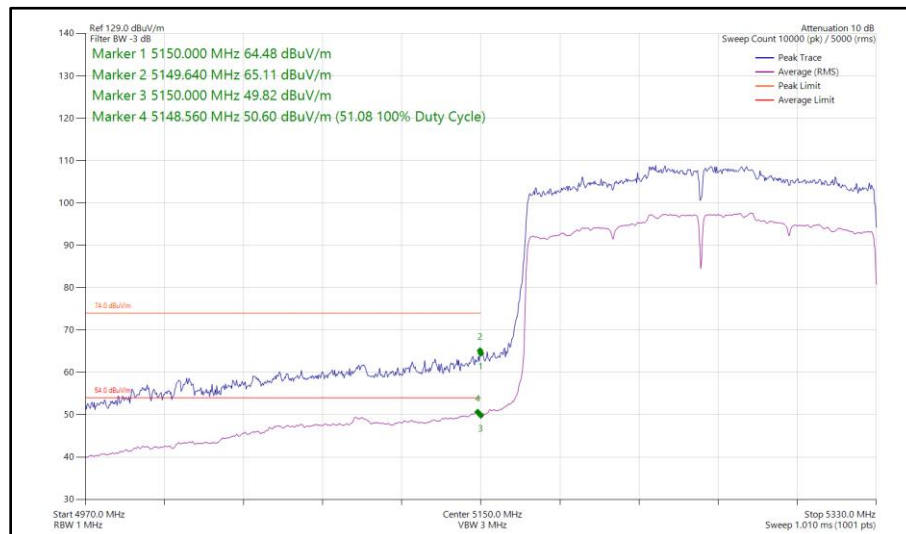
160 MHz Bandwidth - Core 0 (SISO)

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	MCS 2x1	-	-	5250	5150	62.00	51.42
802.11ax HE160	MCS 4x1	SU	-	5250	5150	65.11	51.08
802.11ax HE160	MCS 11x1	106	53P	5250	5150	52.56	40.73
802.11ac VHT160	MCS 7x1	-	-	5250	5350	63.53	51.30
802.11ax HE160	MCS 2x1	SU	-	5250	5350	62.82	51.12
802.11ax HE160	MCS 11x1	52	37P	5250	5350	57.91	39.75
802.11ac VHT160	MCS 2x1	-	-	5570	5460	61.25	51.37
802.11ax HE160	MCS 2x1	SU	-	5570	5460	62.41	51.10
802.11ax HE160	MCS 11x1	106	60S	5570	5460	57.17	46.02

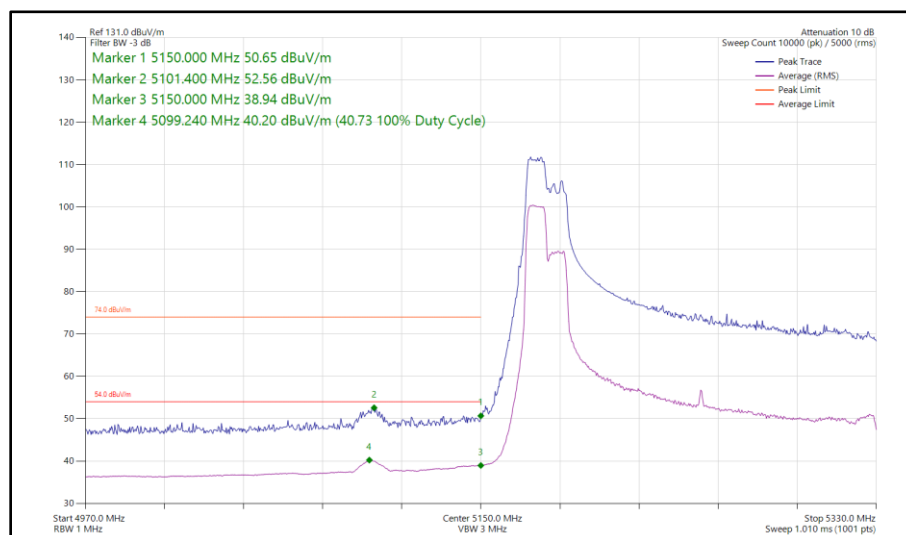
Table 22 - SISO Restricted Band Edge Results



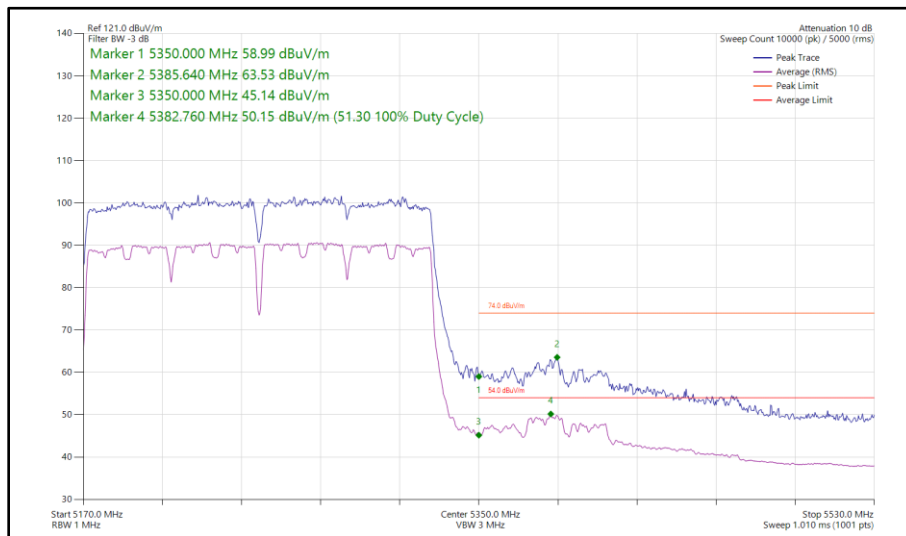
**Figure 192 - 802.11ac VHT160, SISO, Core 0 - 5250 MHz
Band Edge Frequency 5150 MHz**



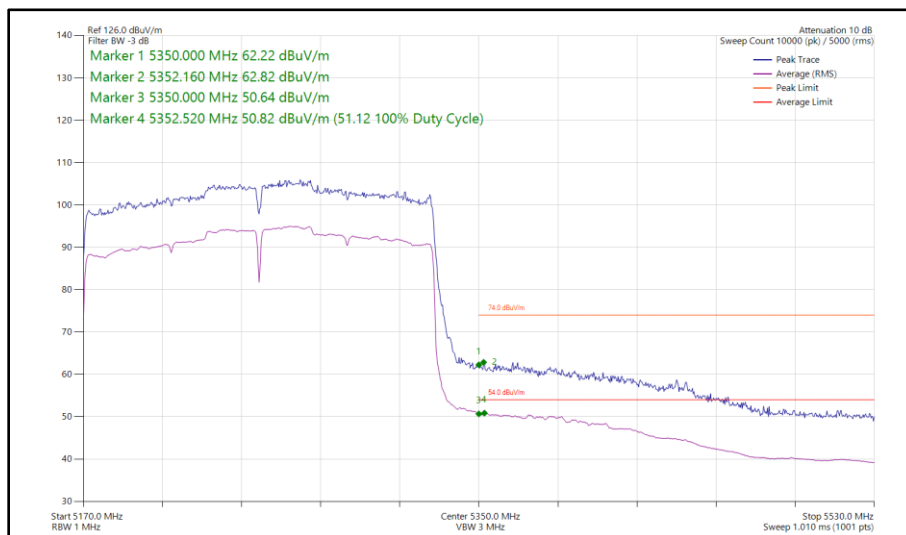
**Figure 193 - 802.11ax HE160, SU, SISO, Core 0 - 5250 MHz
Band Edge Frequency 5150 MHz**



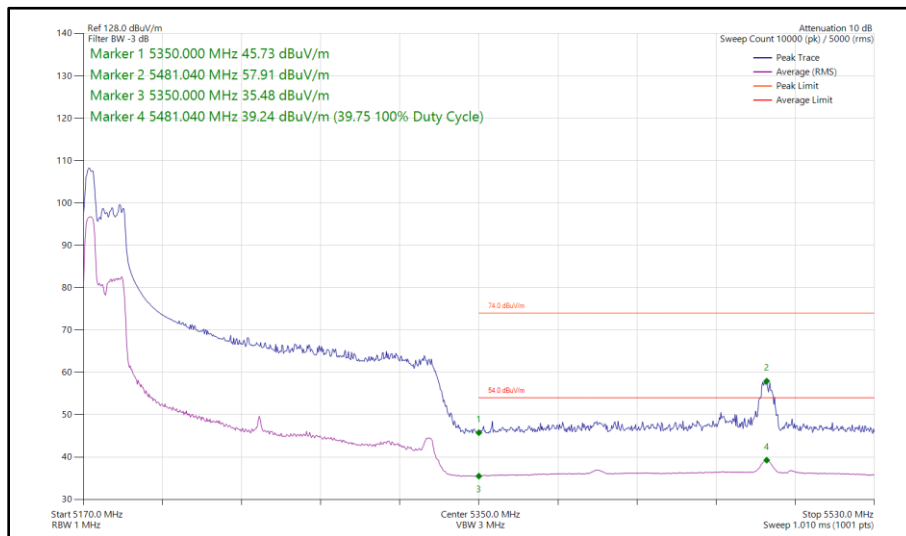
**Figure 194 - 802.11ax HE160, RU 106-53P, SISO, Core 0 - 5250 MHz
Band Edge Frequency 5150 MHz**



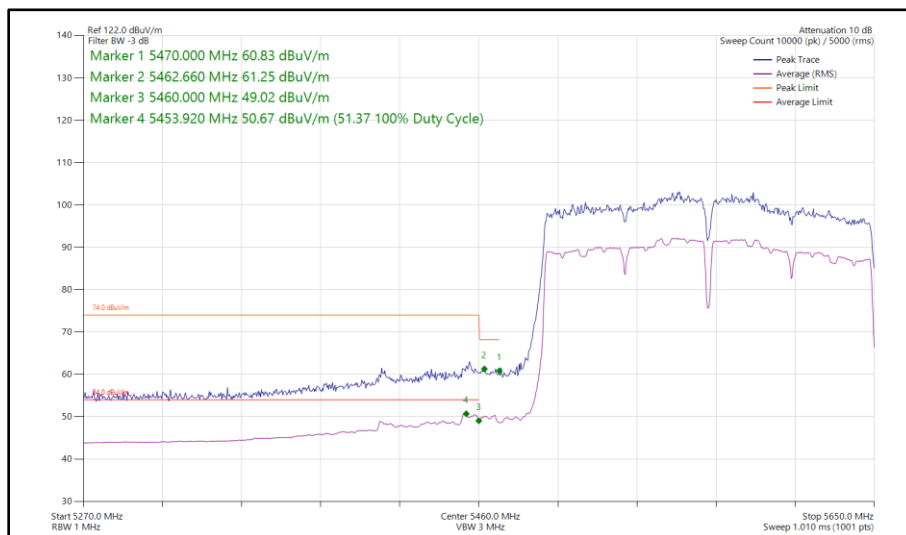
**Figure 195 - 802.11ac VHT160, SISO, Core 0 - 5250 MHz
Band Edge Frequency 5350 MHz**



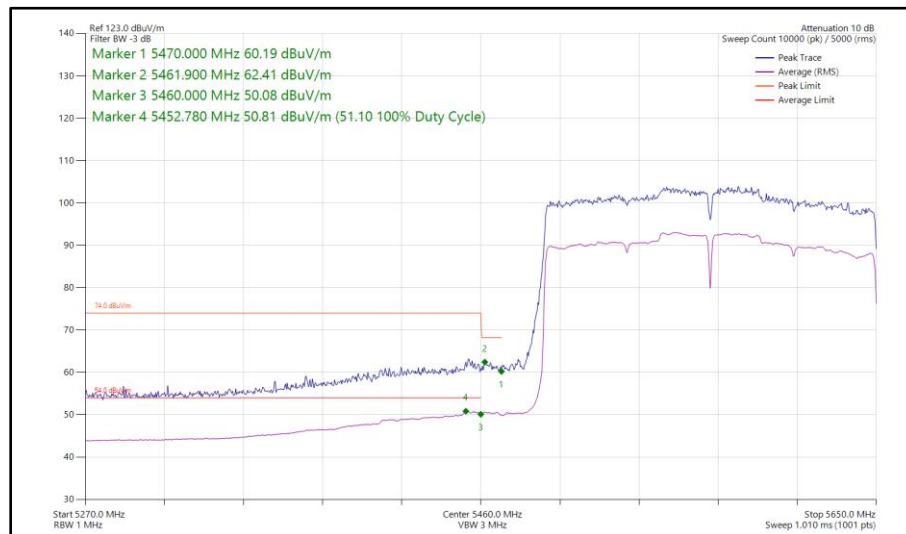
**Figure 196 - 802.11ax HE160, SU, SISO, Core 0 - 5250 MHz
Band Edge Frequency 5350 MHz**



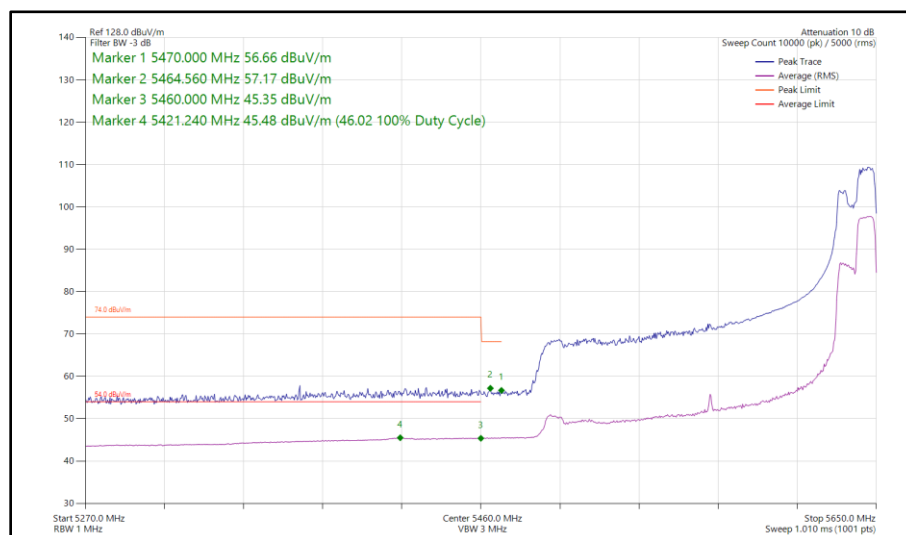
**Figure 197 - 802.11ax HE160, RU 52-37P, SISO, Core 0 - 5250 MHz
Band Edge Frequency 5350 MHz**



**Figure 198 - 802.11ac VHT160, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5460 MHz**



**Figure 199 - 802.11ax HE160, SU, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5460 MHz**

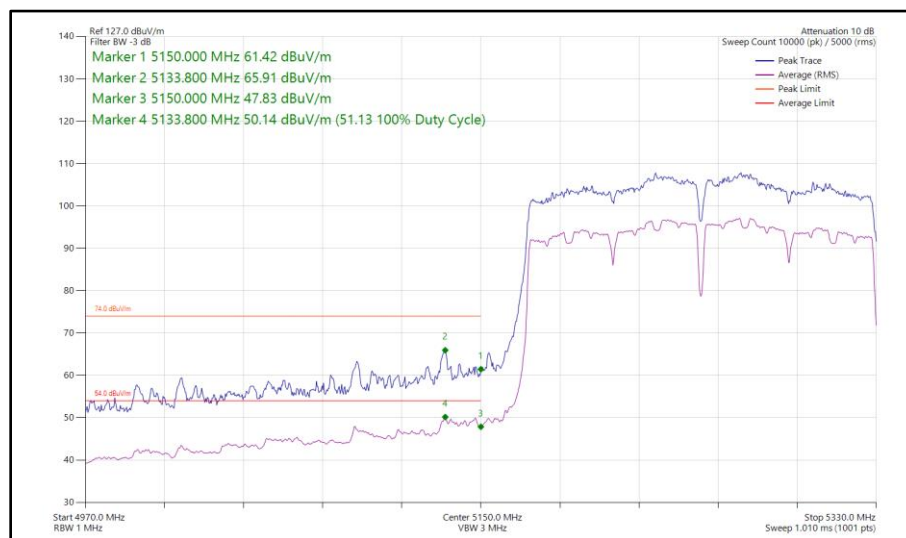


**Figure 200 - 802.11ax HE160, RU 106-60S, SISO, Core 0 - 5570 MHz
Band Edge Frequency 5460 MHz**

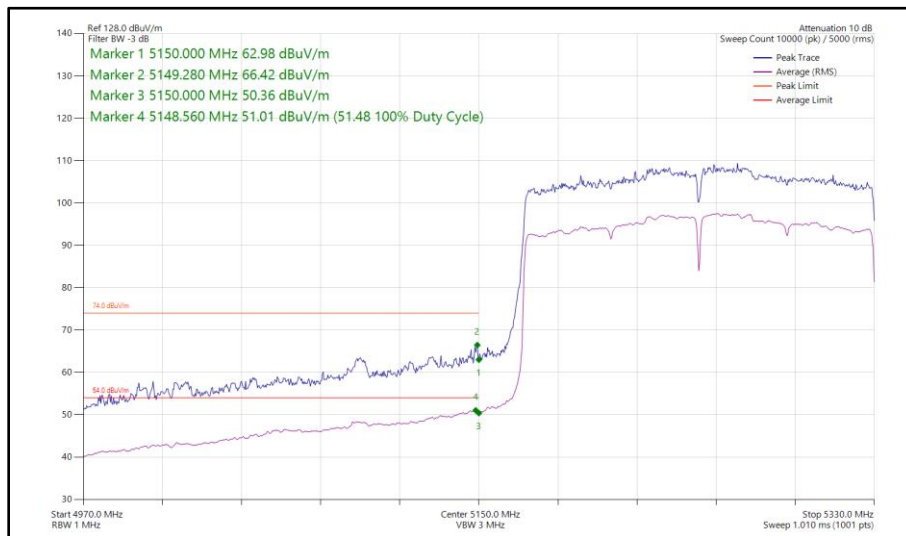
160 MHz Bandwidth - Core 1 (SISO)

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	MCS 4x1	-	-	5250	5150	65.91	51.13
802.11ax HE160	MCS 4x1	SU	-	5250	5150	66.42	51.48
802.11ax HE160	MCS 11x1	106	60S	5250	5150	51.50	39.51
802.11ac VHT160	MCS 4x1	-	-	5250	5350	63.83	51.48
802.11ax HE160	MCS 11x1	SU	-	5250	5350	65.02	51.13
802.11ax HE160	MCS 11x1	52	37P	5250	5350	61.66	42.80
802.11ac VHT160	MCS 4x1	-	-	5570	5460	62.64	51.32
802.11ax HE160	MCS 4x1	SU	-	5570	5460	63.51	51.38
802.11ax HE160	MCS 11x1	106	60S	5570	5460	56.80	46.34

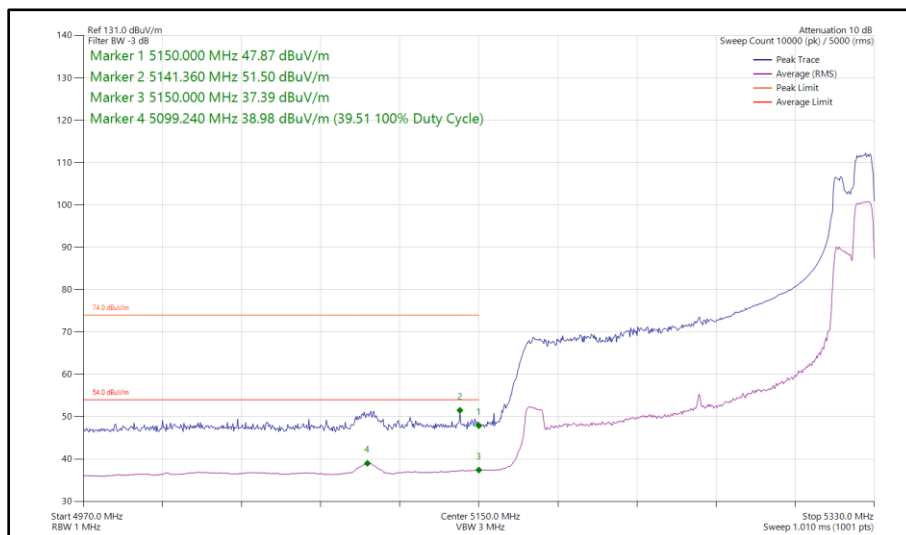
Table 23 - SISO Restricted Band Edge Results



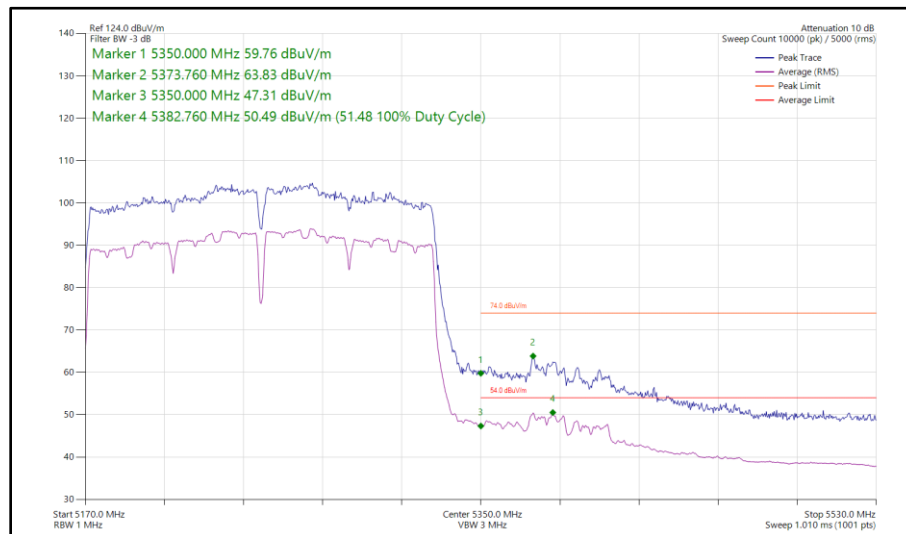
**Figure 201 - 802.11ac VHT160, SISO, Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**



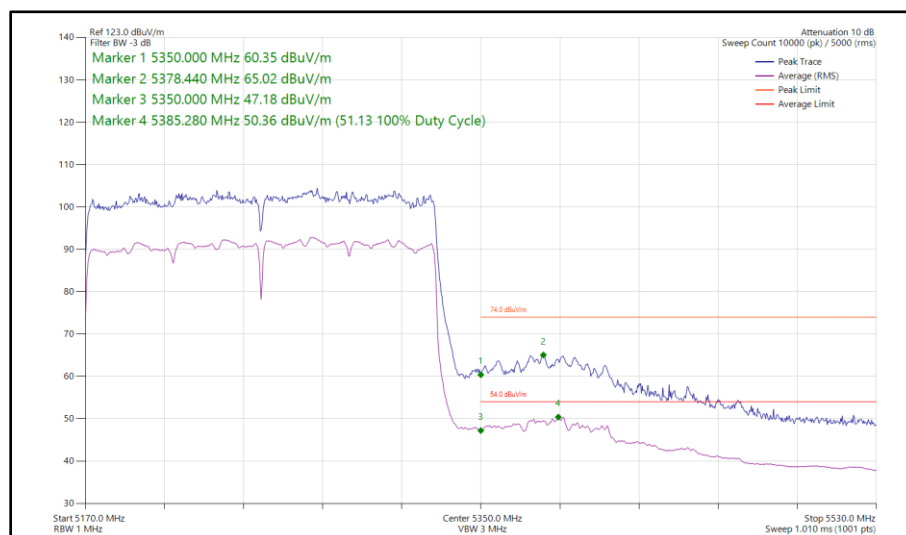
**Figure 202 - 802.11ax HE160, SU, SISO, Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**



**Figure 203 - 802.11ax HE160, RU 106-60S, SISO, Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**



**Figure 204 - 802.11ac VHT160, SISO, Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**



**Figure 205 - 802.11ax HE160, SU, SISO, Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**

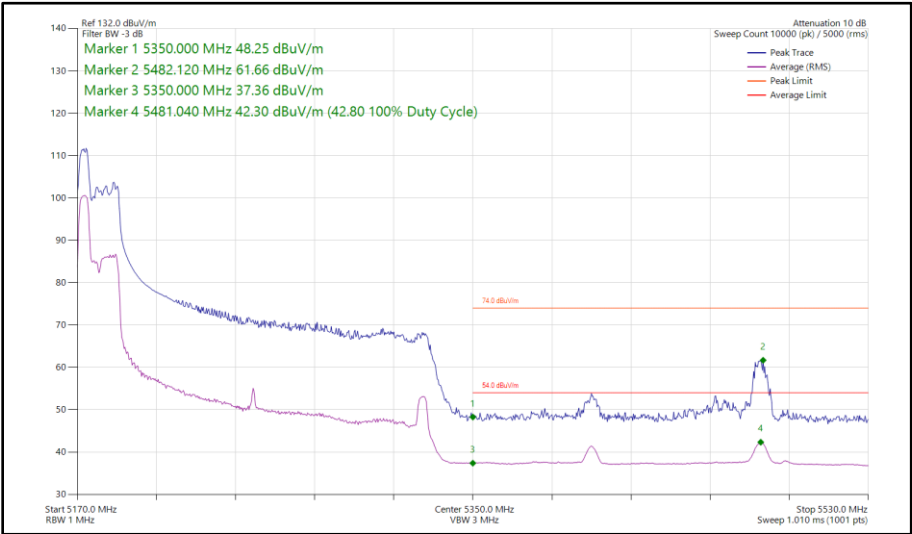


Figure 206 - 802.11ax HE160, RU 52-37P, SISO, Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz

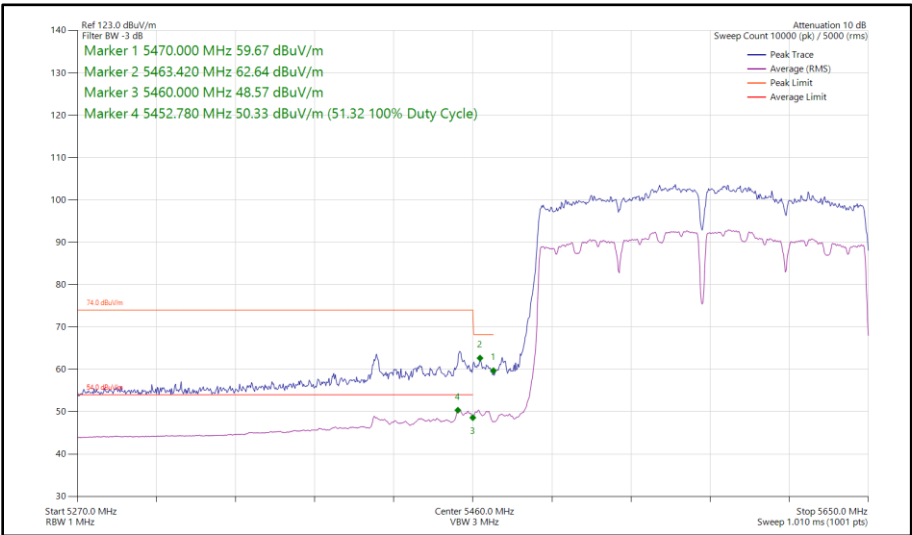
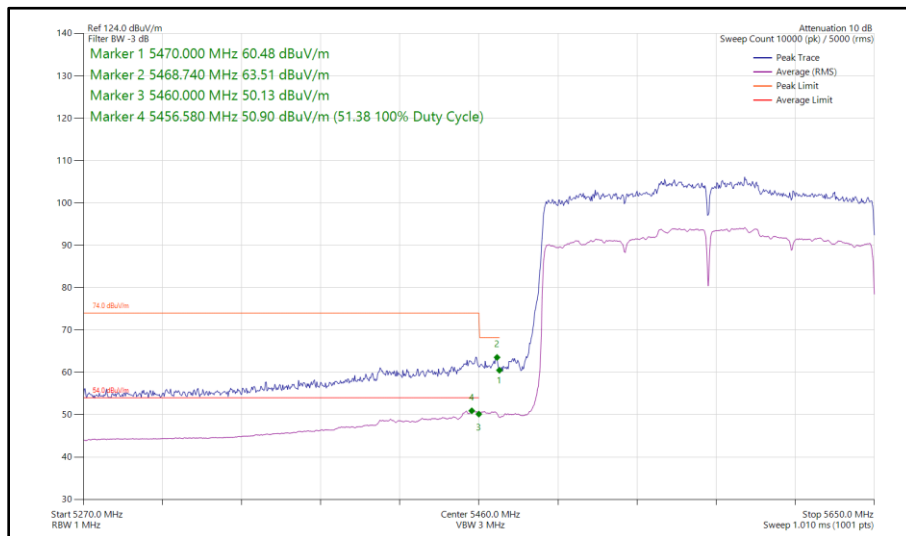
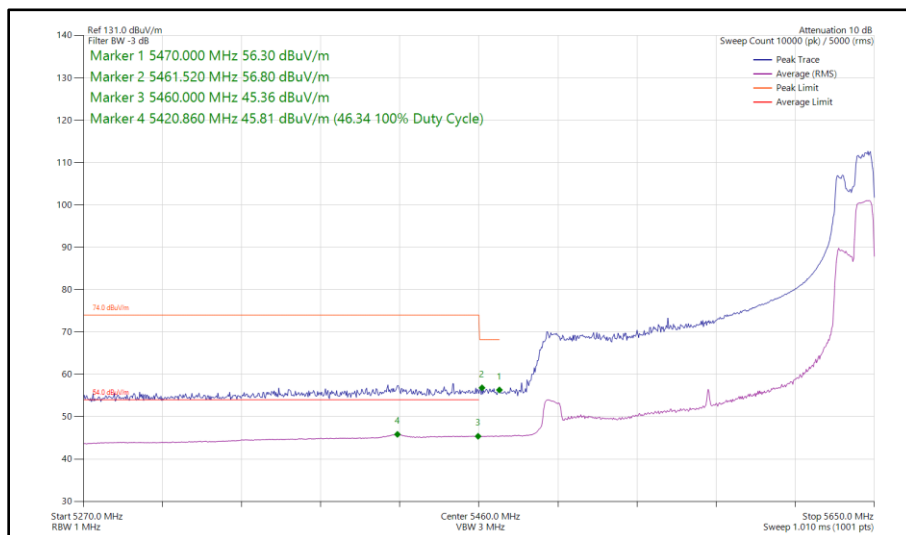


Figure 207 - 802.11ac VHT160, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz



**Figure 208 - 802.11ax HE160, SU, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz**

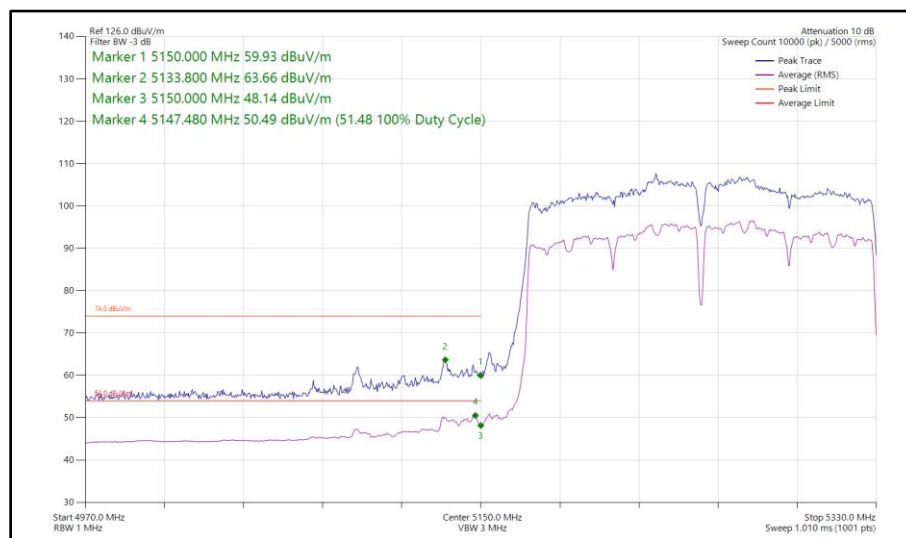


**Figure 209 - 802.11ax HE160, RU 106-60S, SISO, Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz**

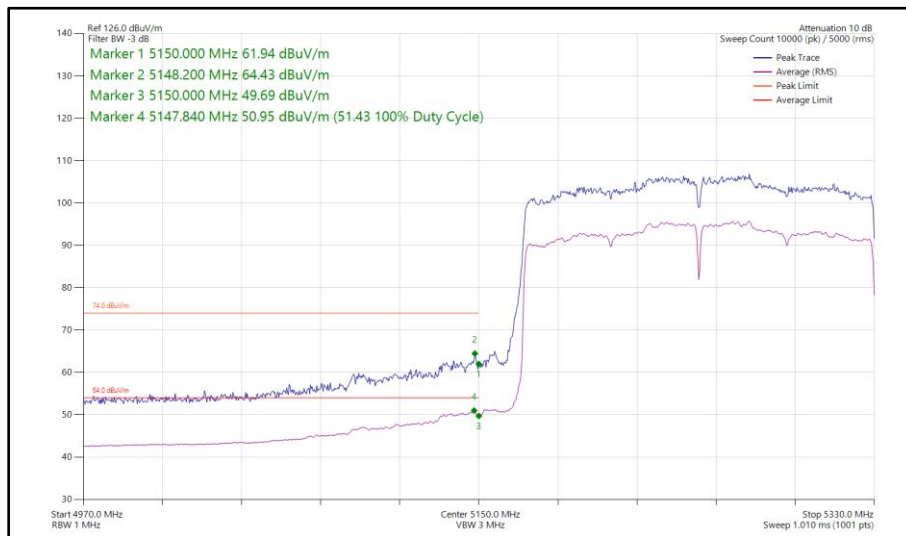
160 MHz Bandwidth - Core 0 - Core 1 (CDD)

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	MCS 4x1	-	-	5250	5150	63.66	51.48
802.11ax HE160	MCS 4x1	SU	-	5250	5150	64.43	51.43
802.11ax HE160	MCS 11x1	106	53P	5250	5150	56.52	45.08
802.11ac VHT160	MCS 2x1	-	-	5250	5350	62.34	51.42
802.11ax HE160	MCS 4x1	SU	-	5250	5350	63.94	51.43
802.11ax HE160	MCS 11x1	106	53P	5250	5350	60.12	47.20
802.11ac VHT160	MCS 2x1	-	-	5570	5460	61.99	51.47
802.11ax HE160	MCS 4x1	SU	-	5570	5460	63.58	50.72
802.11ax HE160	MCS 11x1	106	53P	5570	5460	57.67	46.62

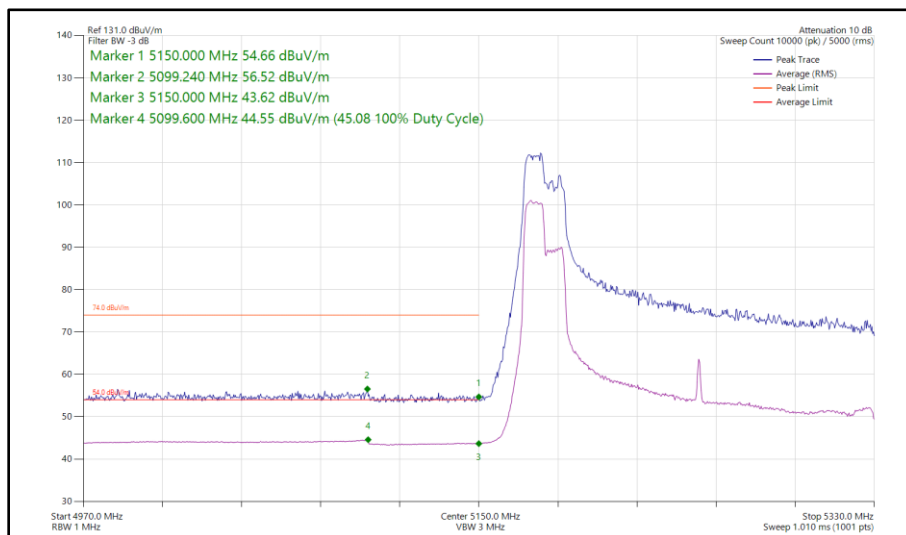
Table 24 - CDD Restricted Band Edge Results



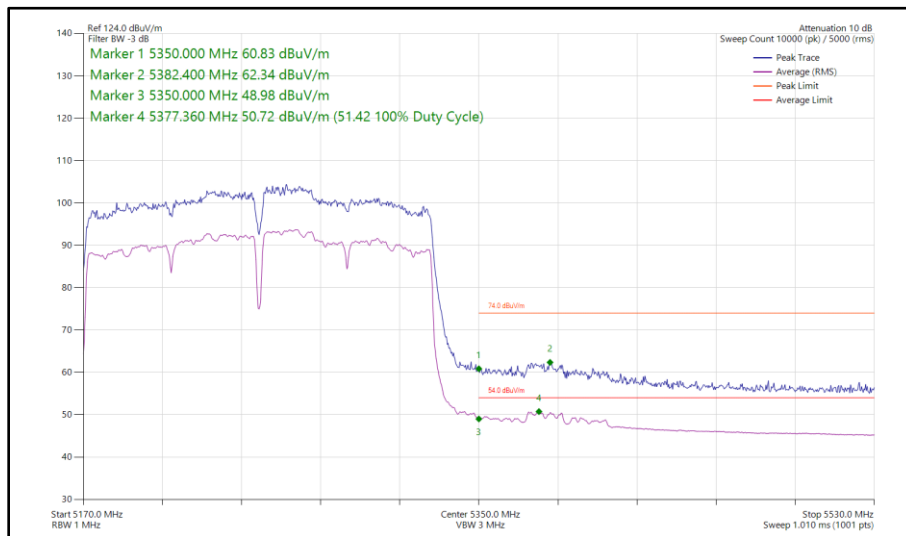
**Figure 210 - 802.11ac VHT160, CDD, Core 0 - Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**



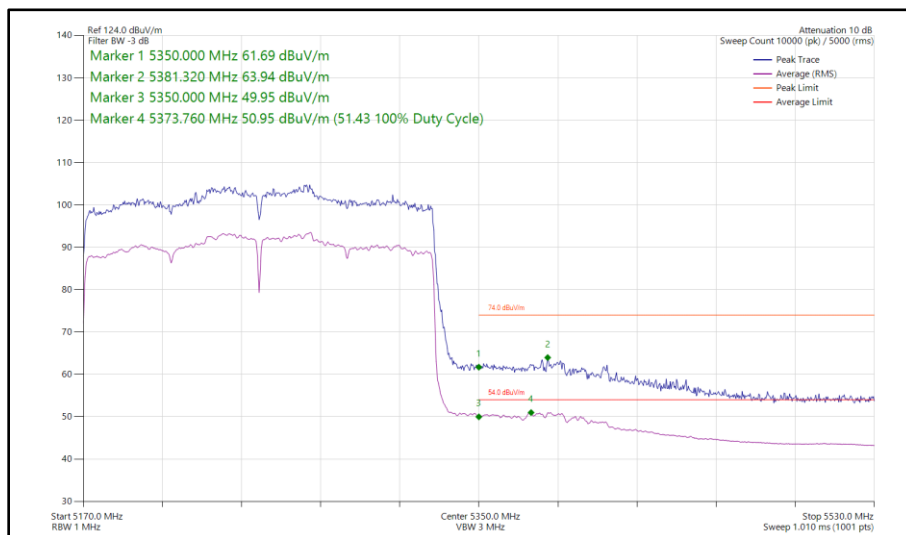
**Figure 211 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**



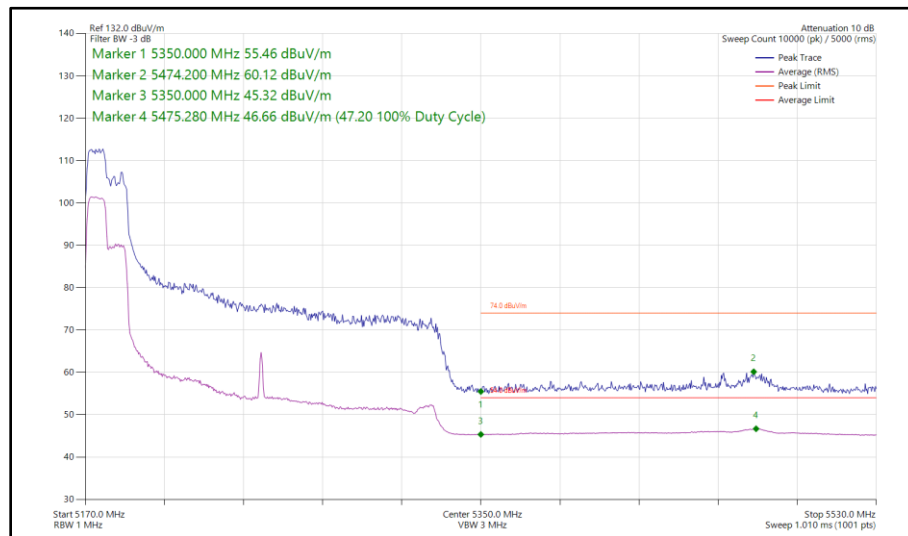
**Figure 212 - 802.11ax HE160, RU 106-53P, CDD, Core 0 - Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**



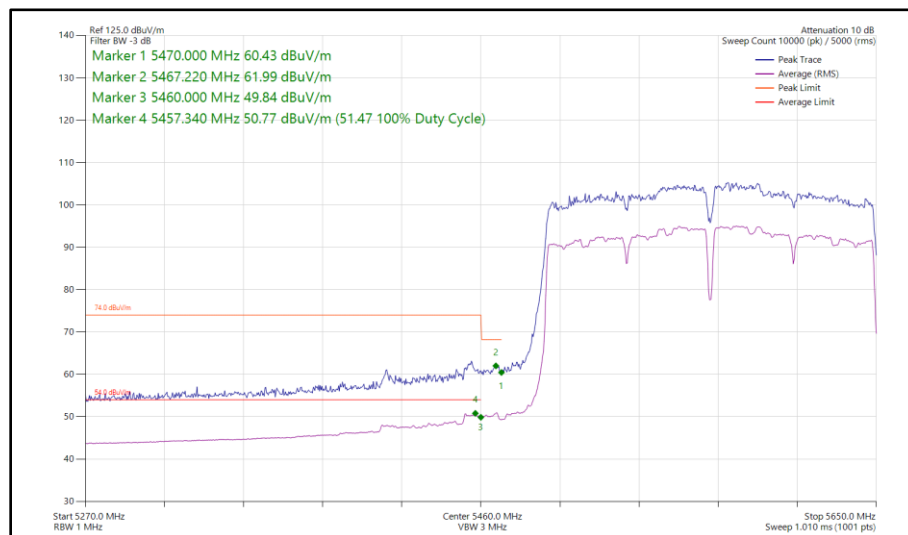
**Figure 213 - 802.11ac VHT160, CDD, Core 0 - Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**



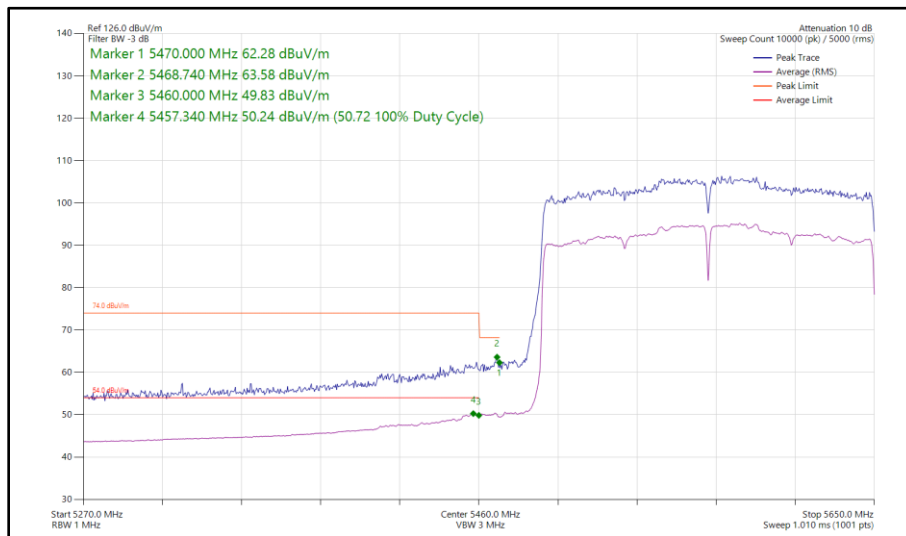
**Figure 214 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**



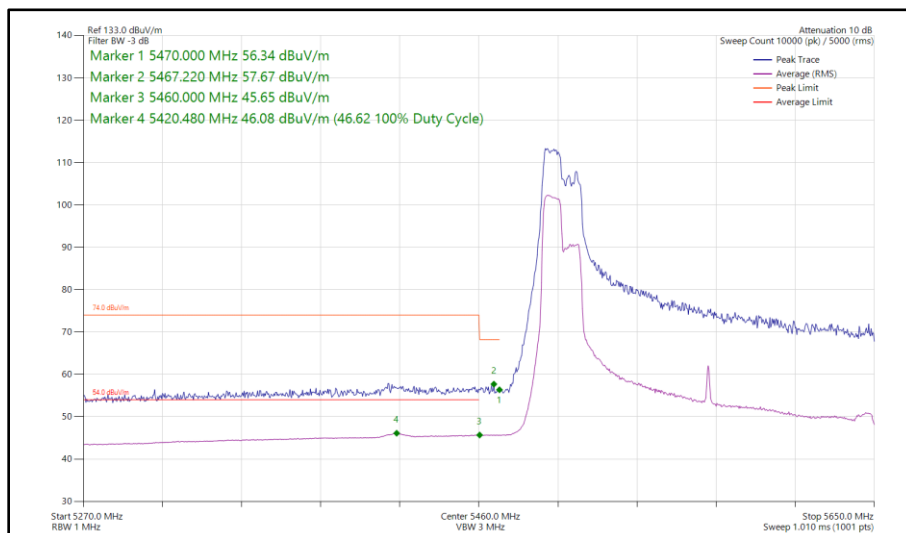
**Figure 215 - 802.11ax HE160, RU 106-53P, CDD, Core 0 - Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**



**Figure 216 - 802.11ac VHT160, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz**



**Figure 217 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz**

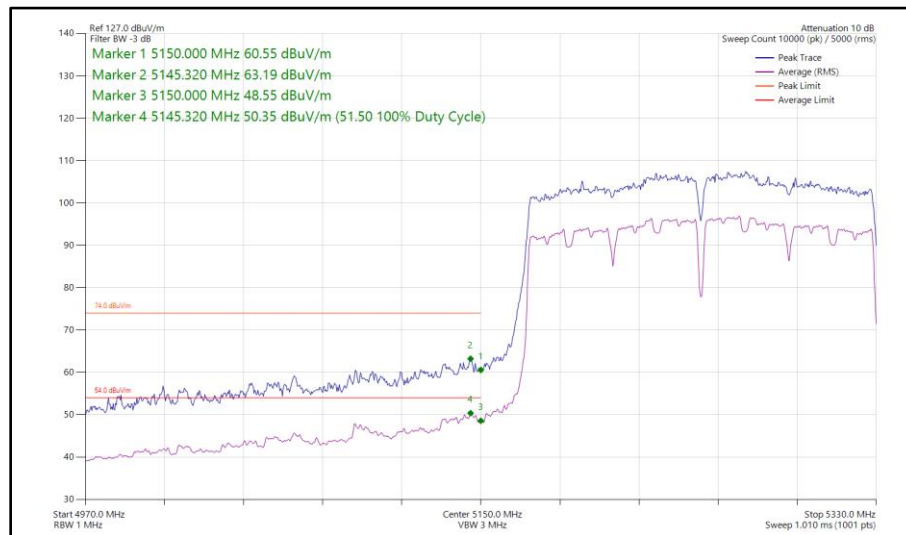


**Figure 218 - 802.11ax HE160, RU 106-53P, CDD, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz**

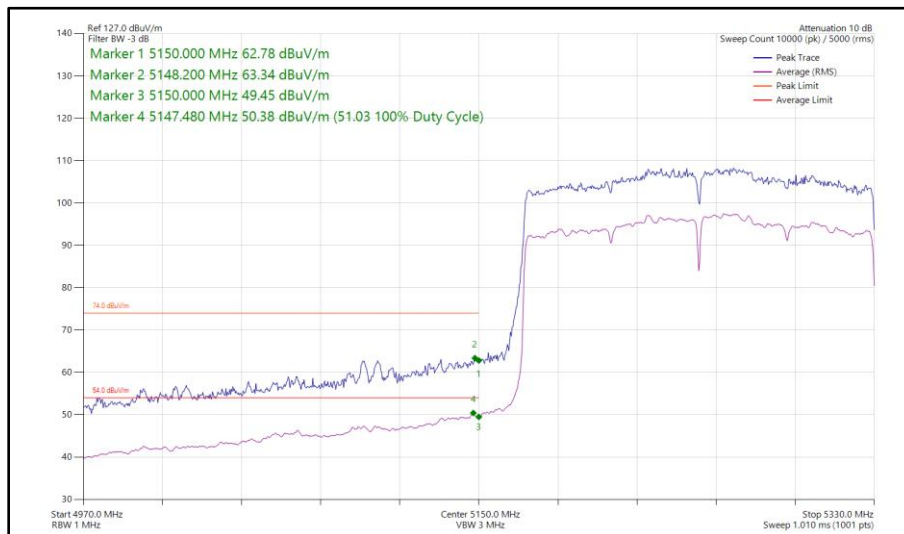
160 MHz Bandwidth - Core 0 - Core 1 (SDM)

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	MCS 4x2	-	-	5250	5150	63.19	51.50
802.11ax HE160	MCS 4x2	SU	-	5250	5150	63.34	51.03
802.11ax HE160	MCS 11x2	106	60S	5250	5150	52.47	40.08
802.11ac VHT160	MCS 4x2	-	-	5250	5350	62.48	51.39
802.11ax HE160	MCS 4x2	SU	-	5250	5350	64.57	51.23
802.11ax HE160	MCS 11x2	106	53P	5250	5350	60.35	43.93
802.11ac VHT160	MCS 4x2	-	-	5570	5460	61.43	50.93
802.11ax HE160	MCS 11x2	SU	-	5570	5460	63.56	51.07
802.11ax HE160	MCS 11x2	106	53P	5570	5460	56.93	46.36

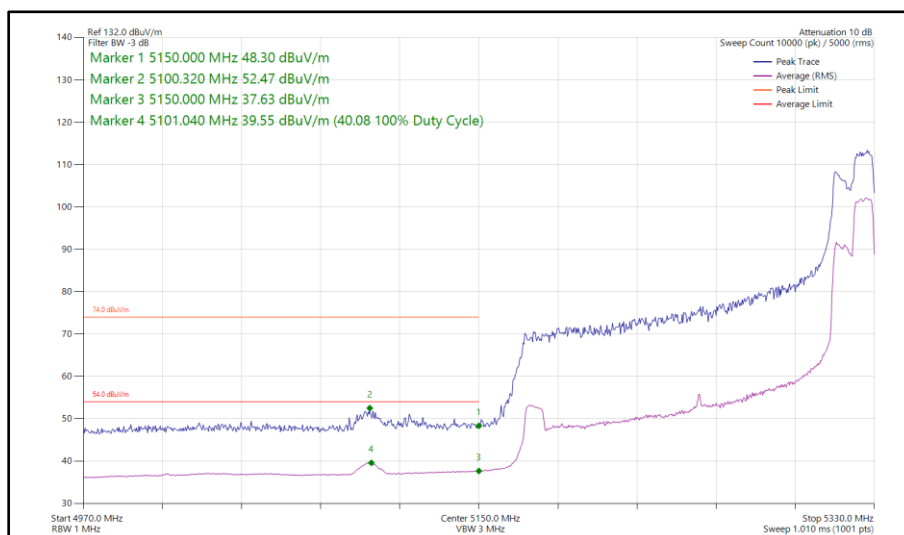
Table 25 - SDM Restricted Band Edge Results



**Figure 219 - 802.11ac VHT160, SDM, Core 0 - Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**



**Figure 220 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**



**Figure 221 - 802.11ax HE160, RU 106-60S, SDM, Core 0 - Core 1 - 5250 MHz
Band Edge Frequency 5150 MHz**

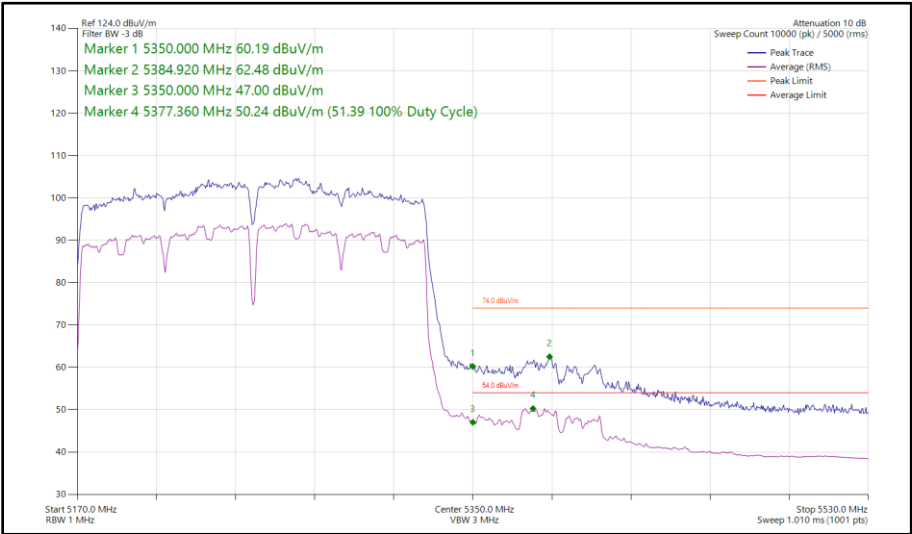


Figure 222 - 802.11ac VHT160, SDM, Core 0 - Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz

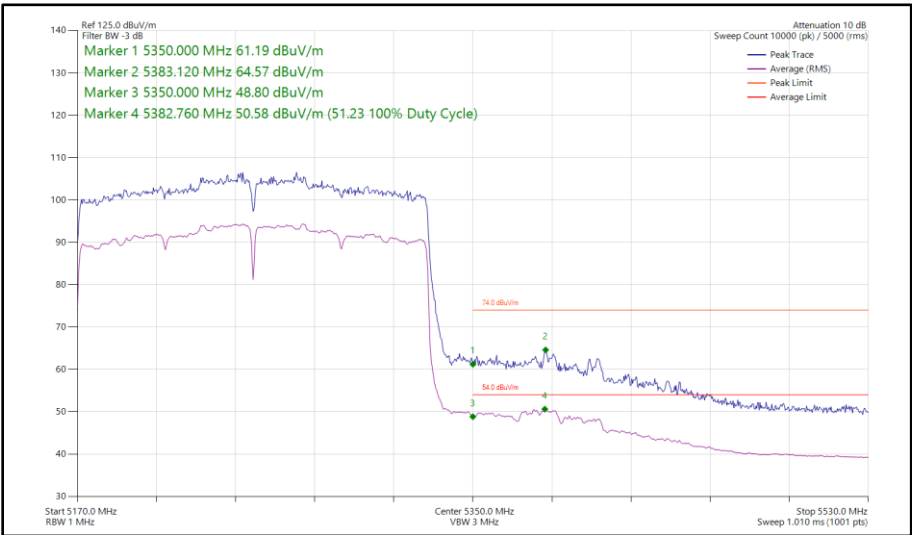
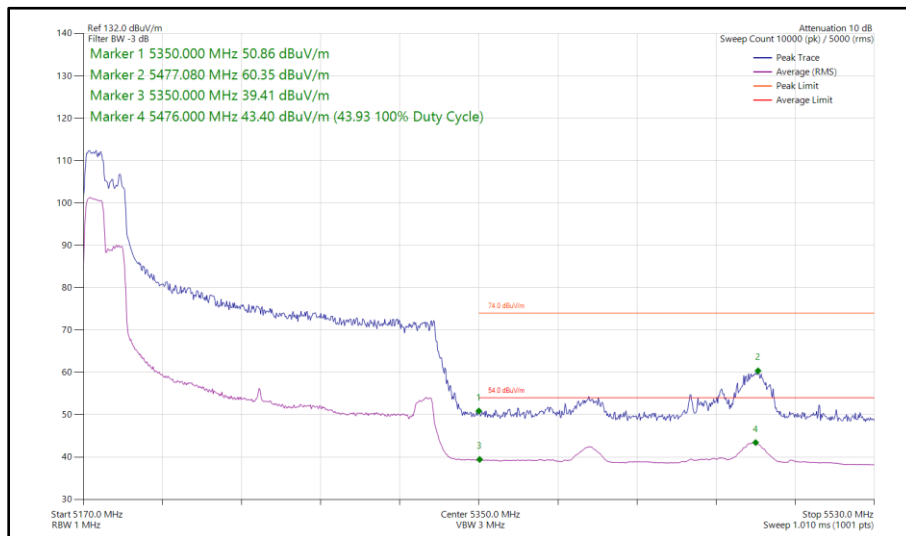
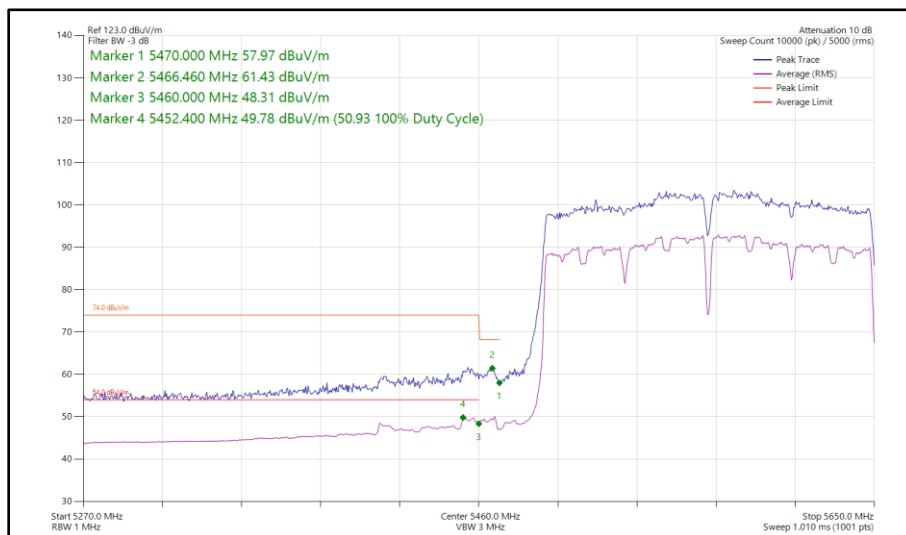


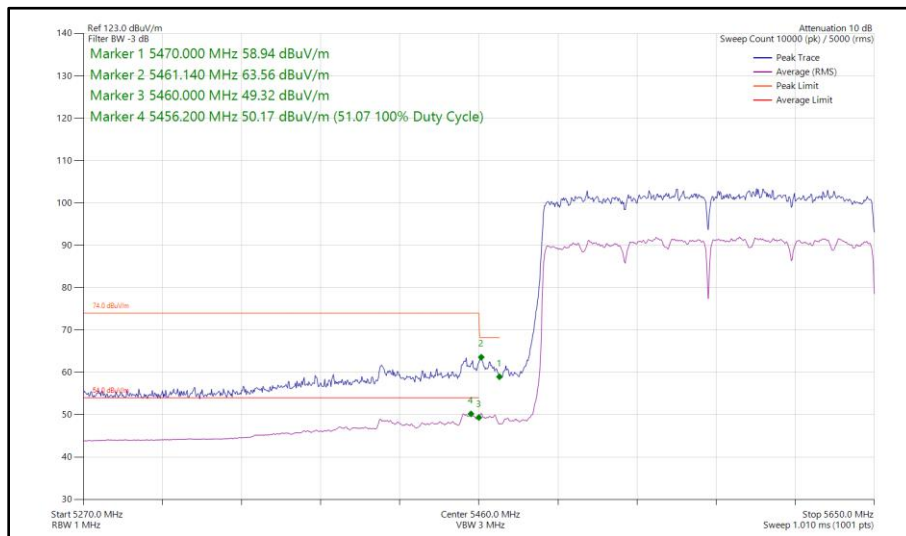
Figure 223 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz



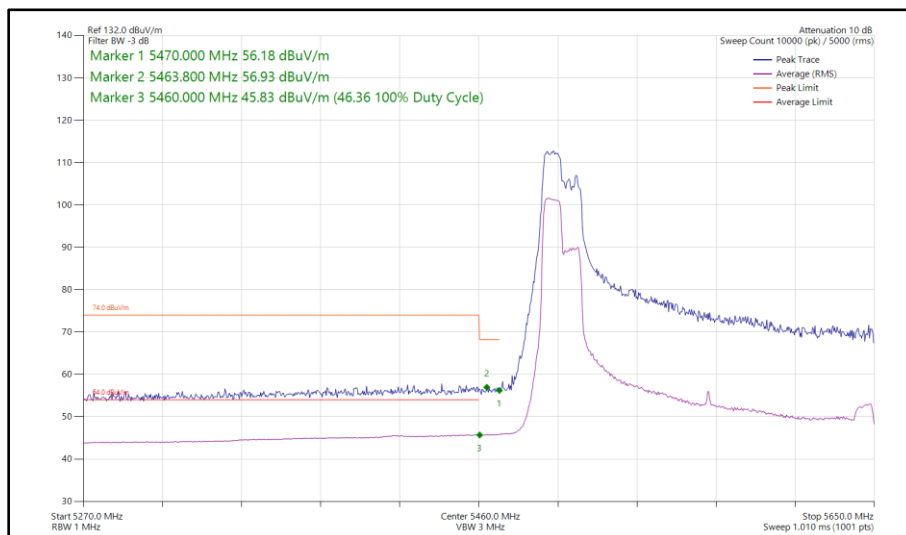
**Figure 224 - 802.11ax HE160, RU 106-53P, SDM, Core 0 - Core 1 - 5250 MHz
Band Edge Frequency 5350 MHz**



**Figure 225 - 802.11ac VHT160, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz**



**Figure 226 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 5570 MHz
Band Edge Frequency 5460 MHz**



**Figure 227 - 802.11ax HE160, RU 106-53P, 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 26 - Restricted Band Edge Limit Table



2.1.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14 and Chamber 15.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.2.0	5125	-	Software
EMI Test Receiver	Rohde & Schwarz	ESW44	5911	12	11-Sep-2024
EMI Test Receiver	Rohde & Schwarz	ESW44	5912	12	05-Jul-2024
Test Receiver	Rohde & Schwarz	ESW44	5914	12	13-May-2024*
Test Receiver	Rohde & Schwarz	ESW44	5914	12	24-May-2025*
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	O/P Mon
1500W (300V 12A) AC Power Supply	iTech	IT7324	5956	-	O/P Mon
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 14	5958	36	26-Apr-2025
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5959	-	TU
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), Chamber 15	Albatross Projects	RF Chamber 15	5963	36	28-Apr-2025
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5964	-	TU
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	5996	12	05-Jun-2024*
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5996	12	20-May-2025*
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5997	12	14-Sep-2024
Cable (SMA to SMA 4.5m)	Junkosha	MWX221-04500AMSAMS/A	6002	12	14-Sep-2024
Cable (SMA to SMA 6.5m)	Junkosha	MWX221-06500AMSAMS/B	6003	12	05-Jun-2024*
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6007	12	05-Jun-2024*
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6007	12	20-May-2025*
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6140	12	26-Aug-2024
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6141	12	26-Aug-2024
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	26-Aug-2024
Digital Multimeter	Fluke	115	6145	12	15-Jun-2024
Digital Multimeter	Fluke	115	6147	12	16-Jun-2024
Humidity & Temperature	R.S Components	1364	6149	12	07-Jul-2024



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
meter					
Cable (SMA to SMA 3m)	Junkosha	MWX221-03000AMSAMS/A	6316	12	04-Feb-2025
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6349	12	01-May-2024*
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6349	12	07-May-2025*
Humidity and Temperature Meter	R.S Components	1364	6486	12	18-Apr-2024*
Humidity and Temperature Meter	R.S Components	1364	6486	12	04-Jun-2025*
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6740	12	01-Feb-2025
2m Cable	Junkosha	MWX241-02000KMSKMS/B	6742	12	01-Feb-2025
6.5m Cable	Junkosha	MWX221-06500AMSAMS/B	6744	12	01-Feb-2025
Preamplifier	Hewlett Packard	HP8449B	6763	12	28-Feb-2025

Table 27

TU - Traceability Unscheduled
O/P Mon - Output Monitored using calibrated equipment

*NOTE: Only used within calibration period.



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

A3247, S/N: CFK34L4W7N - Modification State 0
A3247, S/N: F9YKG45WN3 - Modification State 0
A3247, S/N: CMVW5QCY3C - Modification State 0

2.2.3 Date of Test

20-June-2024 to 03-August-2024

2.2.4 Test Method

The test was performed in accordance with ANSI C63.10 2020, clause 12.5.2 for FCC measurements and clause 12.5.3 for ISED measurements.

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	20.7 - 22.5 °C
Relative Humidity	43.6 - 58.9 %



2.2.6 Test Results

5 GHz WLAN

SISO

Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11a	20.700	21.240
802.11n HT20	20.940	22.560
802.11n HT40	41.880	43.200
802.11ac VHT80	84.480	84.920
802.11ac VHT160	165.480	165.480
802.11ax HE20 SU	21.000	22.200
802.11ax HE40 SU	41.640	44.160
802.11ax HE80 SU	82.720	84.480
802.11ax HE160 SU	165.900	165.900

Table 28 - 26 dB Bandwidth Summary Results - SISO

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11a	16.140	16.200
802.11n HT20	17.340	17.640
802.11n HT40	35.520	35.640
802.11ac VHT80	75.680	75.680
802.11ax HE20 SU	18.960	19.020
802.11ax HE40 SU	37.920	38.160
802.11ax HE80 SU	77.440	77.440

Table 29 - 6 dB Bandwidth Summary Results - SISO

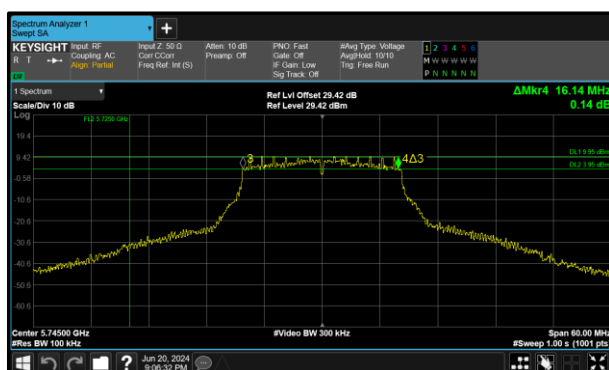


Figure 228 - 802.11a Minimum 6 dB EBW

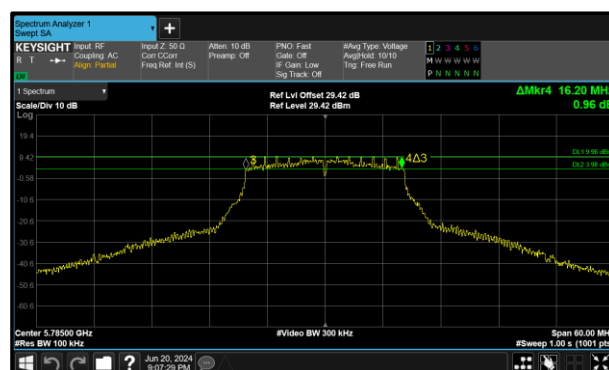


Figure 229 - 802.11a Maximum 6 dB EBW

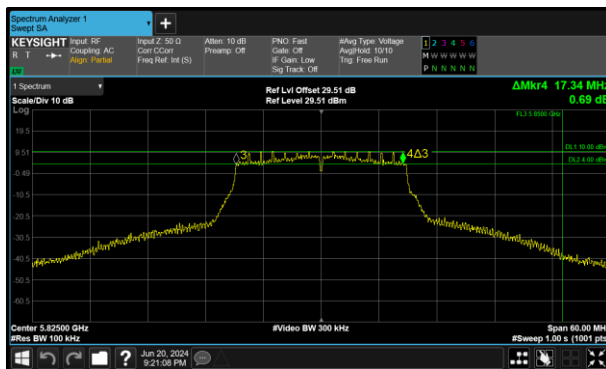


Figure 230 - 802.11n HT20 Minimum 6 dB EBW



Figure 231 - 802.11n HT20 Maximum 6 dB EBW

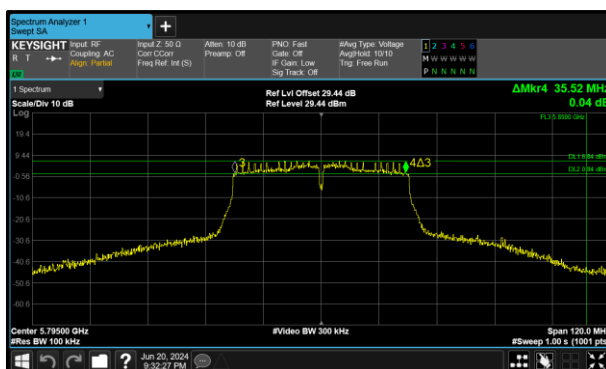


Figure 232 - 802.11n HT40 Minimum 6 dB EBW

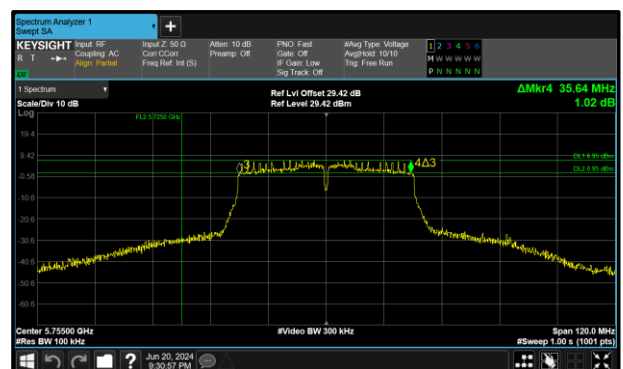


Figure 233 - 802.11n HT40 Maximum 6 dB EBW

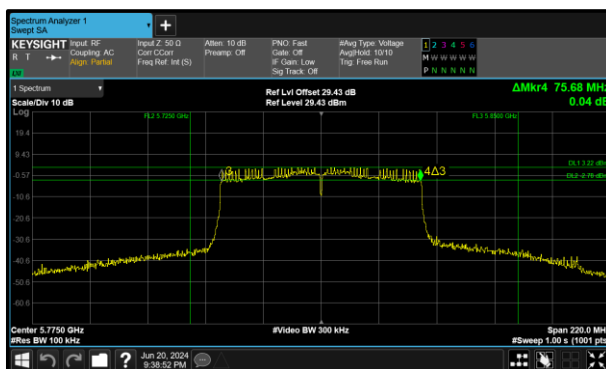


Figure 234 - 802.11ac VHT80 Minimum 6 dB
EBW

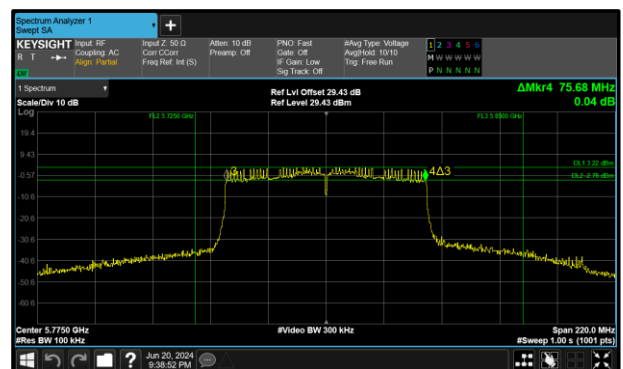


Figure 235 - 802.11ac VHT80 Maximum 6 dB
EBW

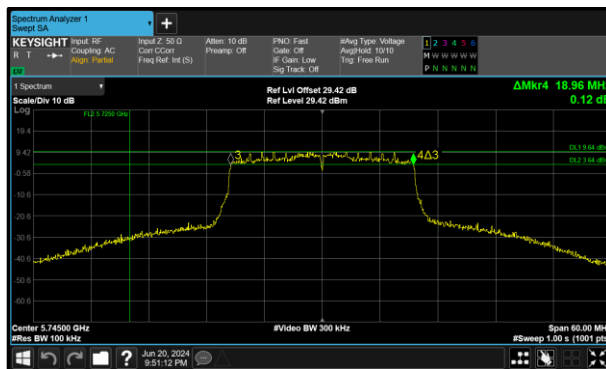


Figure 236 - 802.11ax HE20 SU Minimum 6 dB EBW

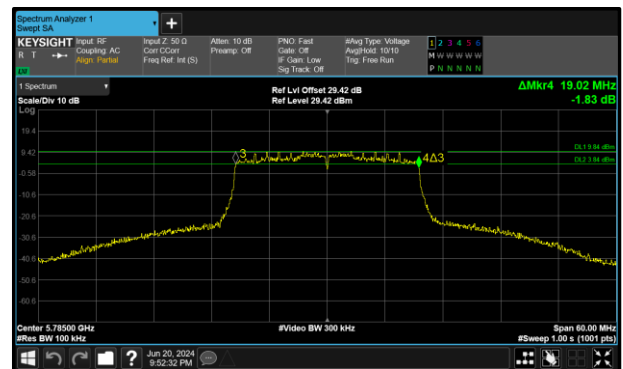


Figure 237 - 802.11ax HE20 SU Maximum 6 dB EBW

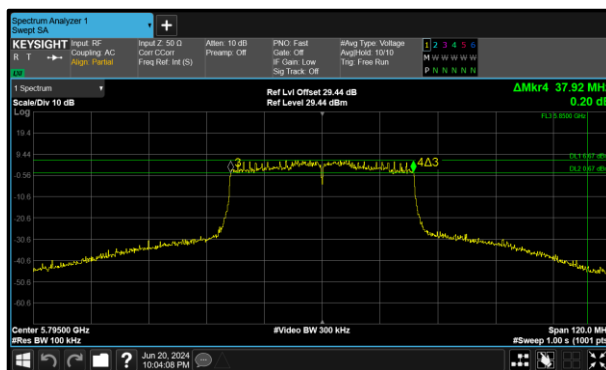


Figure 238 - 802.11ax HE40 SU Minimum 6 dB EBW

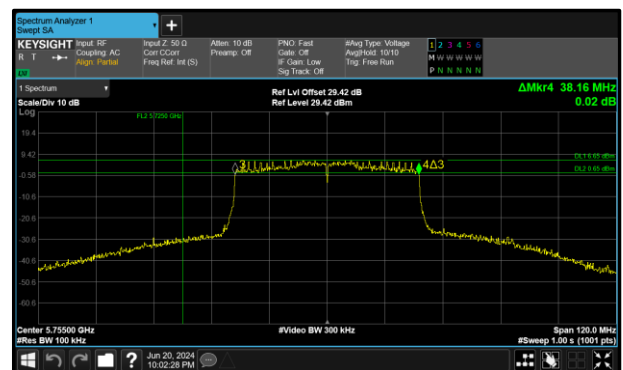


Figure 239 - 802.11ax HE40 SU Maximum 6 dB EBW

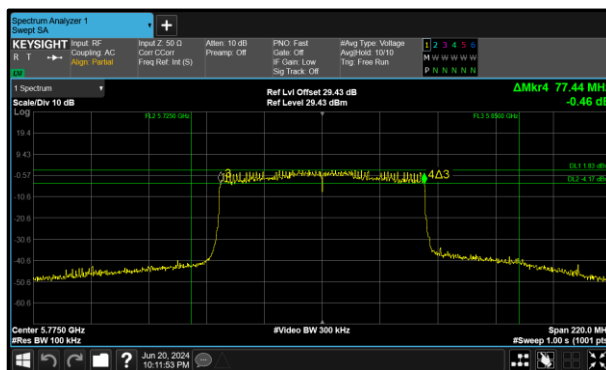


Figure 240 - 802.11ax HE80 SU Minimum 6 dB EBW

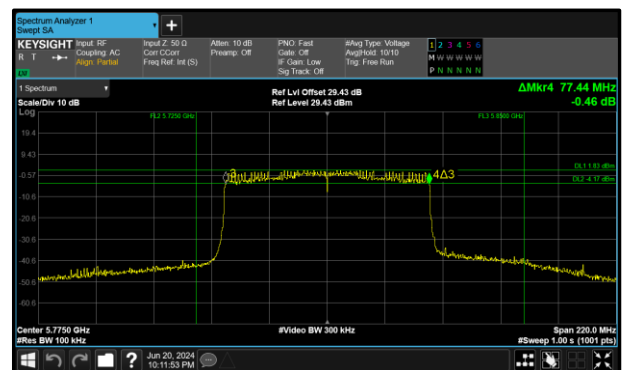


Figure 241 - 802.11ax HE80 SU Maximum 6 dB EBW

Table 30 - 99% Bandwidth Summary Results - SISO

Figure 242 - 802.11a Minimum 99% OBW

Figure 243 - 802.11a Maximum 99% OBW

Figure 244 - 802.11n HT20 Minimum 99% OBW

Figure 245 - 802.11n HT20 Maximum 99% OBW

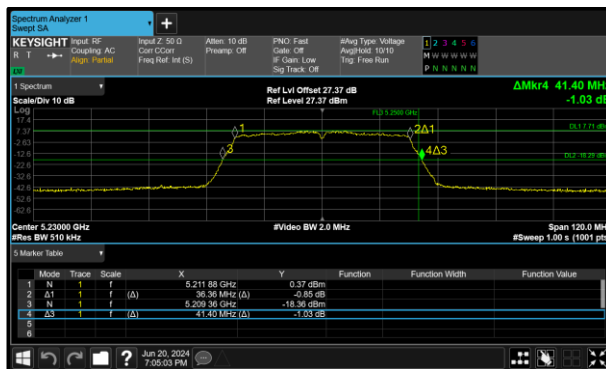


Figure 246 - 802.11n HT40 Minimum 99% OBW

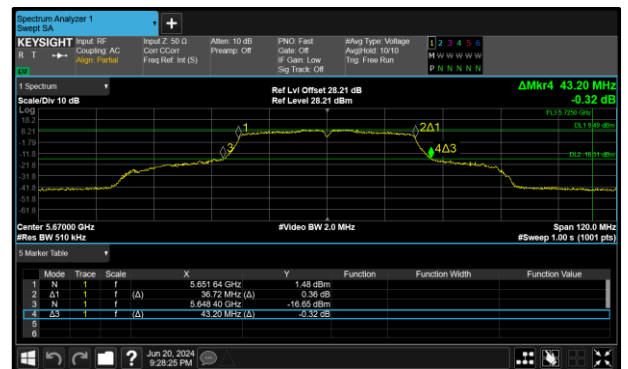


Figure 247 - 802.11n HT40 Maximum 99% OBW

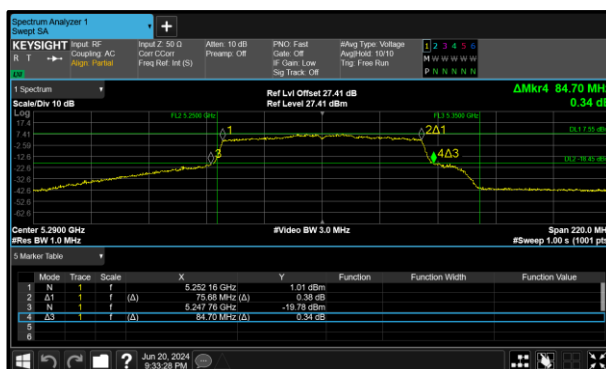


Figure 248 - 802.11ac VHT80 Minimum 99% OBW

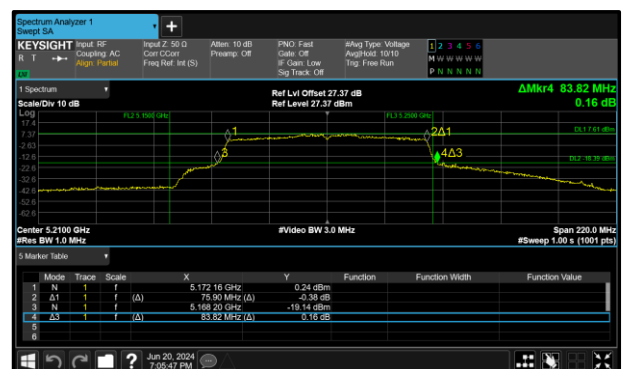


Figure 249 - 802.11ac VHT80 Maximum 99% OBW

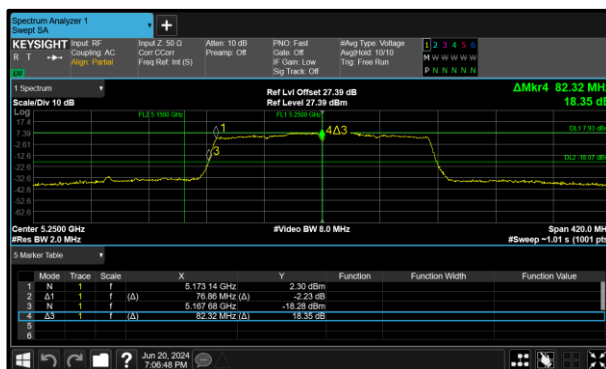


Figure 250 - 802.11ac VHT160 Minimum 99% OBW

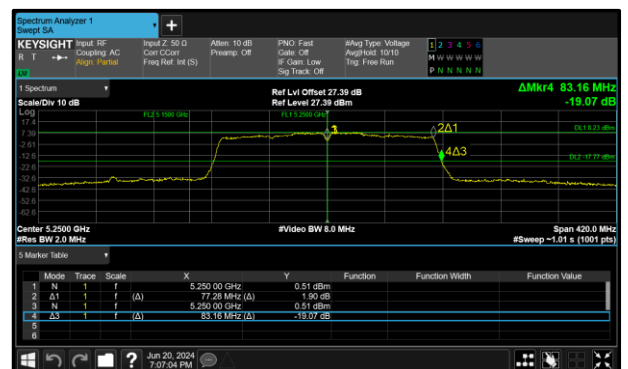


Figure 251 - 802.11ac VHT160 Maximum 99% OBW

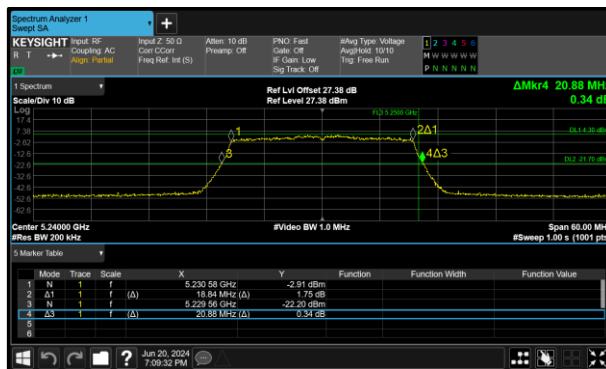


Figure 252 - 802.11ax HE20 SU Minimum 99% OBW

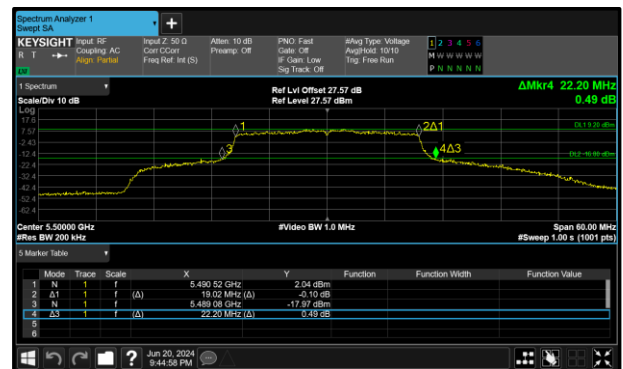


Figure 253 - 802.11ax HE20 SU Maximum 99% OBW

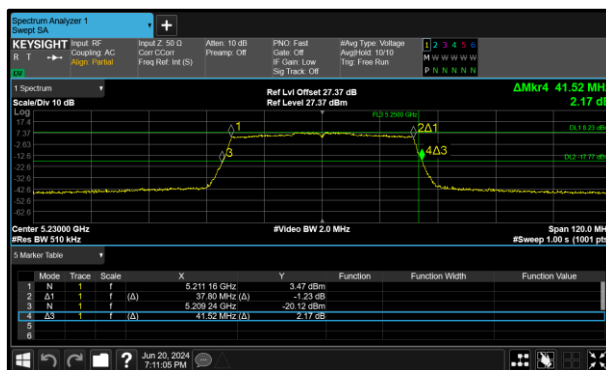


Figure 254 - 802.11ax HE40 SU Minimum 99% OBW

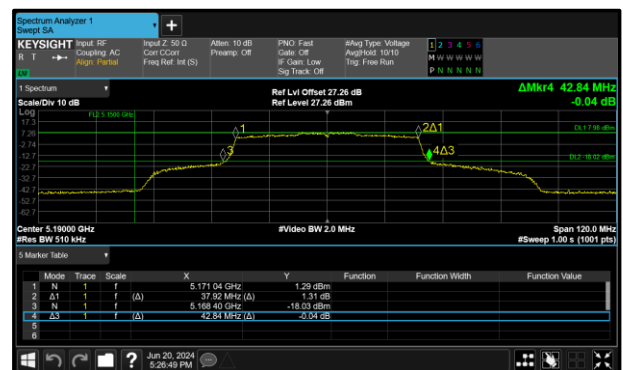


Figure 255 - 802.11ax HE40 SU Maximum 99% OBW

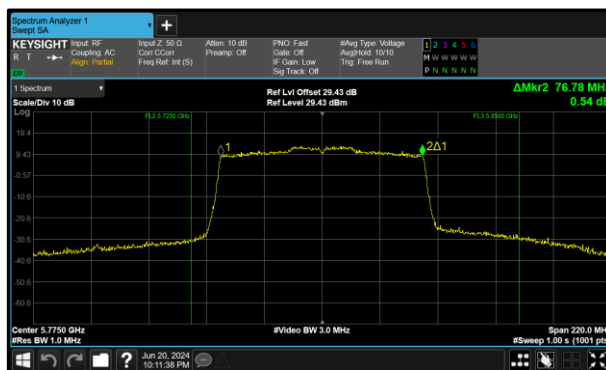


Figure 256 - 802.11ax HE80 SU Minimum 99% OBW

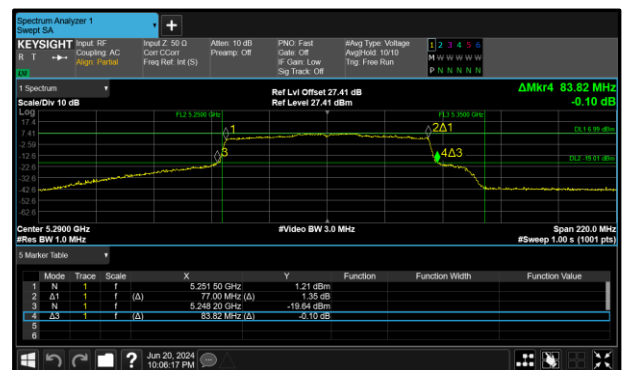


Figure 257 - 802.11ax HE80 SU Maximum 99% OBW

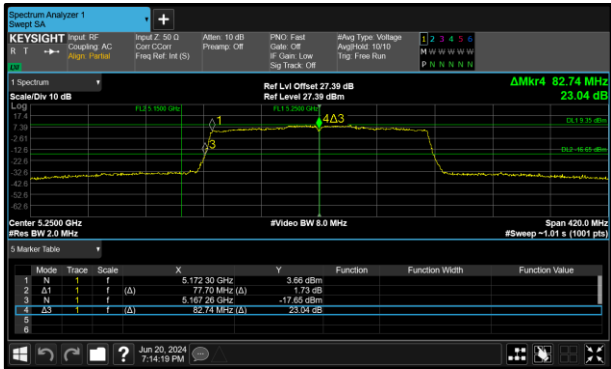


Figure 258 - 802.11ax HE160 SU Minimum 99% OBW

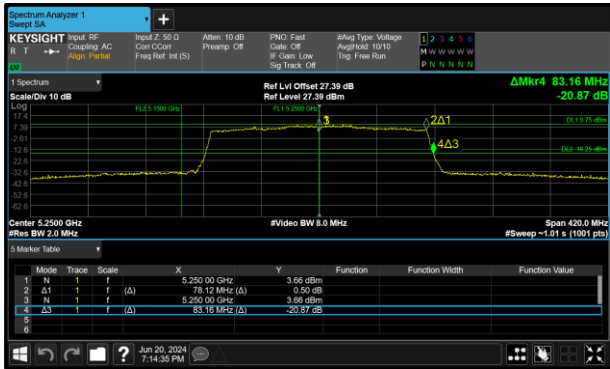


Figure 259 - 802.11ax HE160 SU Maximum 99% OBW



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):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	21.180	-	-	-
5220	-	20.700	-	-	-
5240	-	20.820	-	-	-

Table 31 - 26 dB 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):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	21.540	-	-	-
5220	-	21.180	-	-	-
5240	-	20.940	-	-	-

Table 32 - 26 dB 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):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	-	43.080	-	-	-
5230	-	42.360	-	-	-

Table 33 - 26 dB 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):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	-	84.920	-	-	-

Table 34 - 26 dB 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):	B (Core 1)	Active Chain(s):	1

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

Table 35 - 26 dB 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):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	21.600	-	-	-
5220	-	21.180	-	-	-
5240	-	21.000	-	-	-

Table 36 - 26 dB 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):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	-	42.840	-	-	-
5230	-	41.880	-	-	-

Table 37 - 26 dB 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):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	-	82.720	-	-	-

Table 38 - 26 dB 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):	B (Core 1)	Active Chain(s):	1

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

Table 39 - 26 dB 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:	802.11a	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)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	16.620	-	-	-
5220	-	16.560	-	-	-
5240	-	16.560	-	-	-

Table 40 - 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):	B (Core 1)	Active Chain(s):	1

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

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:	802.11n 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)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	-	36.480	-	-	-
5230	-	36.360	-	-	-

Table 42 - 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):	B (Core 1)	Active Chain(s):	1

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

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:	802.11ac 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)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5250	-	76.860	-	-	-

Table 44 - 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):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	18.960	-	-	-
5220	-	18.960	-	-	-
5240	-	18.840	-	-	-

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

Table 46 - 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):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	-	77.000	-	-	-

Table 47 - 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):	B (Core 1)	Active Chain(s):	1

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

Table 48 - 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):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	-	20.700	-	-	-
5300	-	20.820	-	-	-
5320	-	21.180	-	-	-

Table 49 - 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 50 - 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):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	-	20.940	-	-	-
5300	-	21.240	-	-	-
5320	-	22.020	-	-	-

Table 51 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	-	17.700	-	-	-
5300	-	17.700	-	-	-
5320	-	17.820	-	-	-

Table 52 - 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):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	-	42.240	-	-	-
5310	-	43.080	-	-	-

Table 53 - 26 dB Bandwidth Results

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

Table 54 - 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):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	-	84.700	-	-	-

Table 55 - 26 dB Bandwidth Results

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

Table 56 - 99% Bandwidth Results