

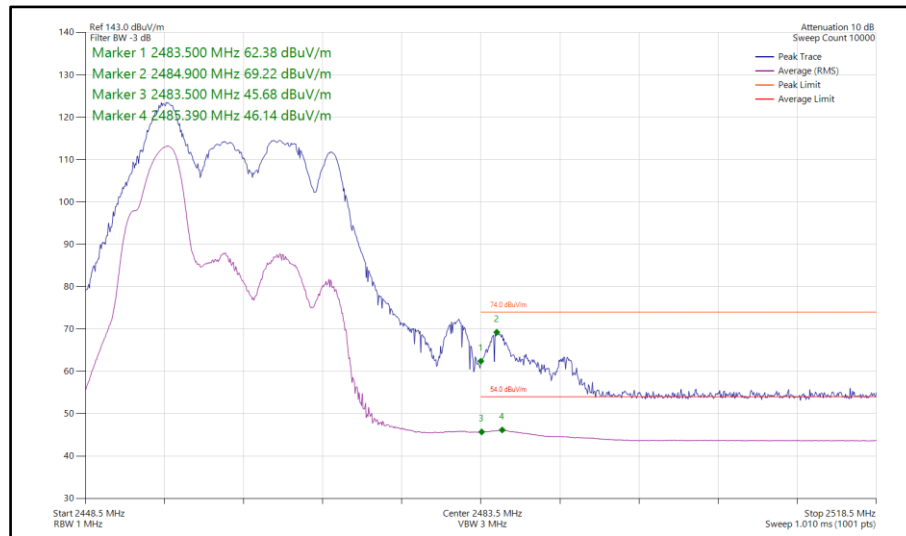


**Figure 208 - 802.11ax HE20, RU52-37, SDM, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**

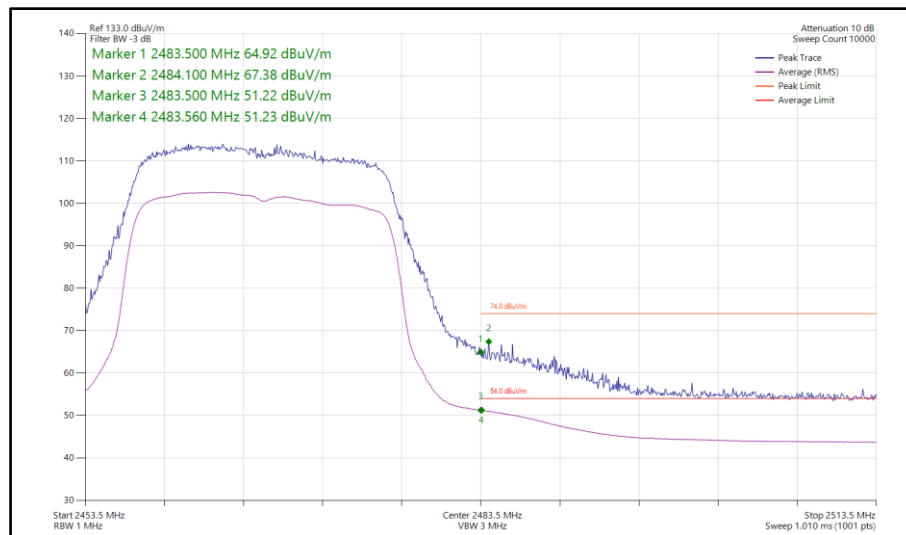


**Figure 209 - 802.11ax HE20, SU, SDM, Core 0-1 - 2467 MHz
Band Edge Frequency 2483.5 MHz**

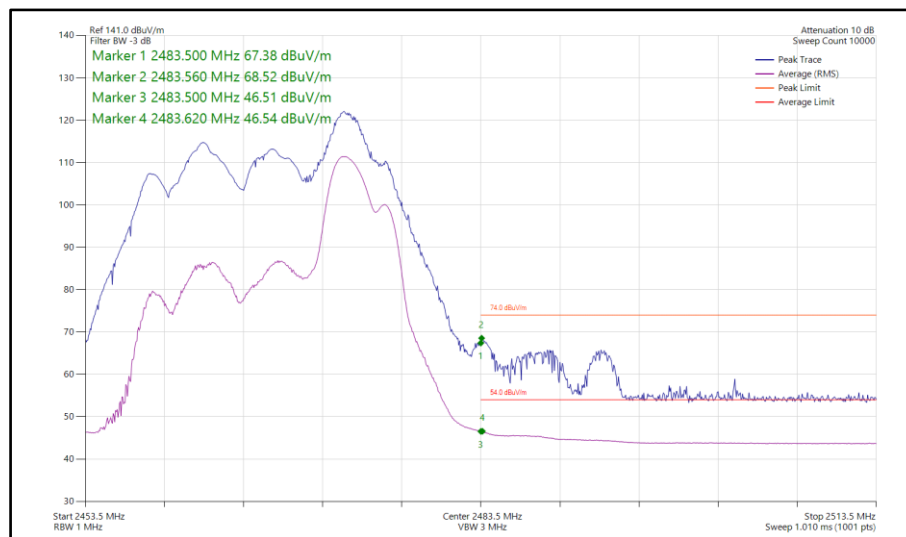


**Figure 210 - 802.11ax HE20, RU52-40, SDM, Core 0-1 - 2467 MHz
Band Edge Frequency 2483.5 MHz**

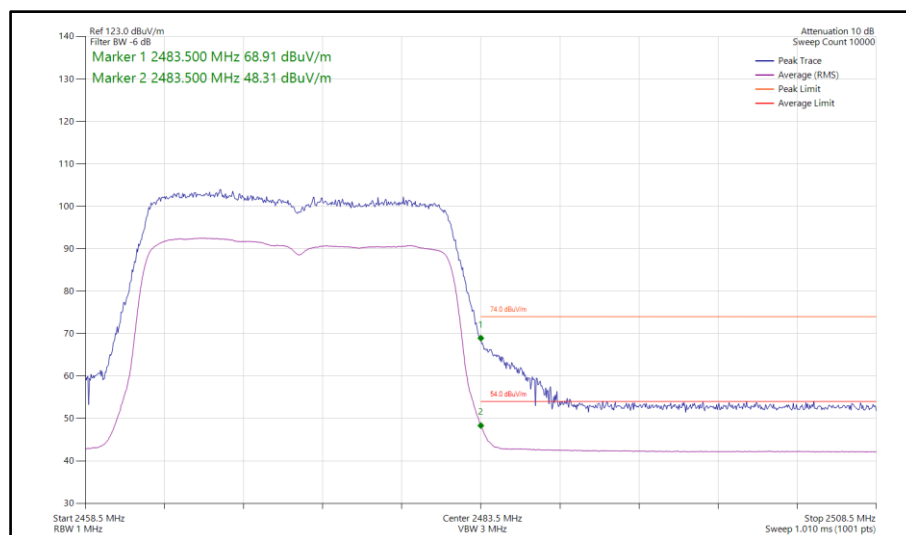


**Figure 211 - 802.11ax HE20, SU, SDM, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**

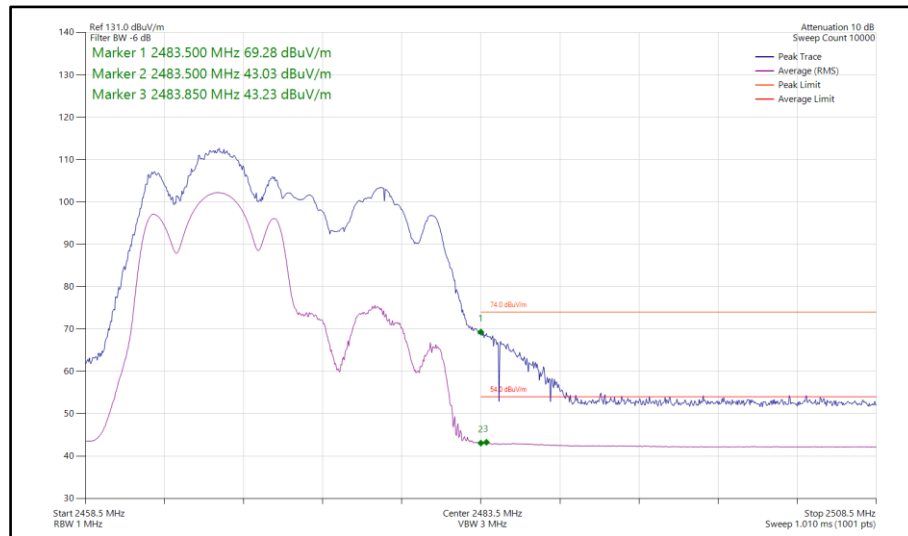


**Figure 212 - 802.11ax HE20, RU106-53, SDM, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**

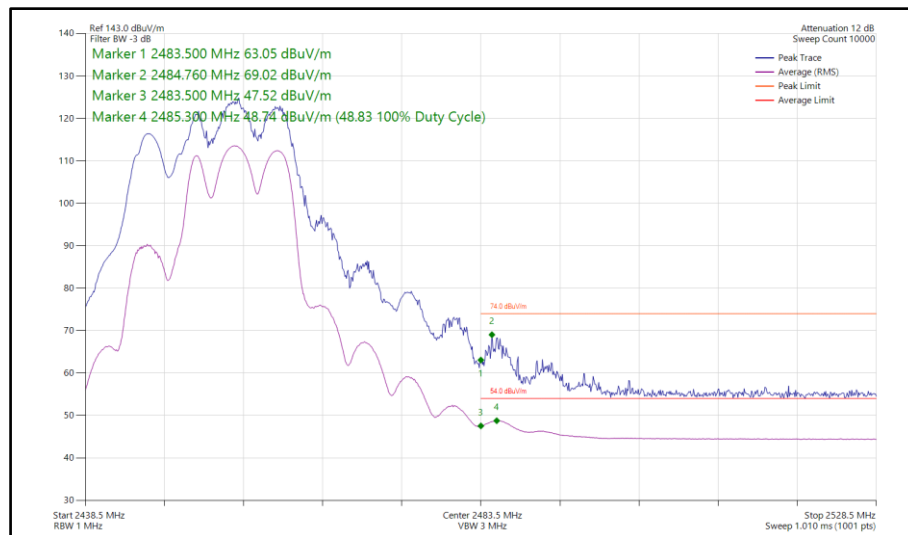


**Figure 213 - 802.11be EHT20, RU106+26-83, SDM, Core 0-1 - 2452 MHz
Band Edge Frequency 2483.5 MHz**

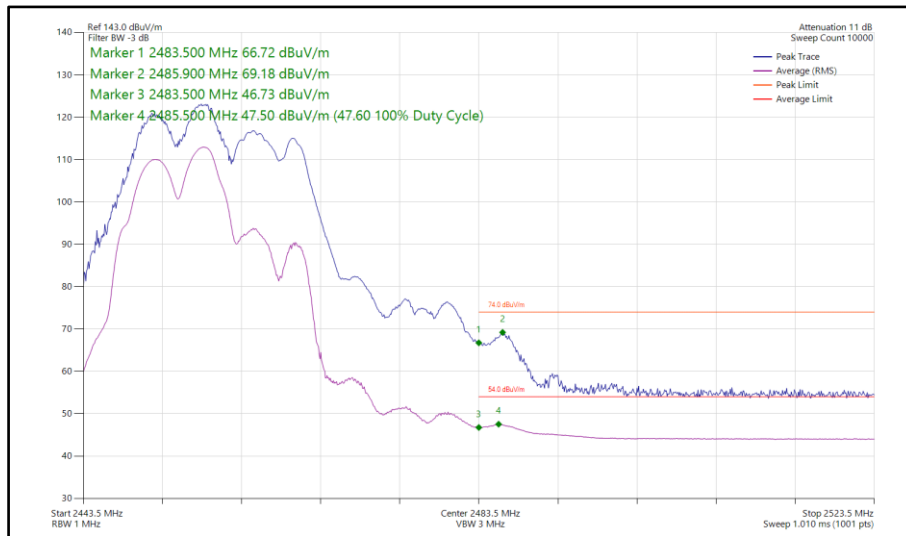


**Figure 214 - 802.11be EHT20, RU106+26-82, SDM, Core 0-1 - 2457 MHz
Band Edge Frequency 2483.5 MHz**

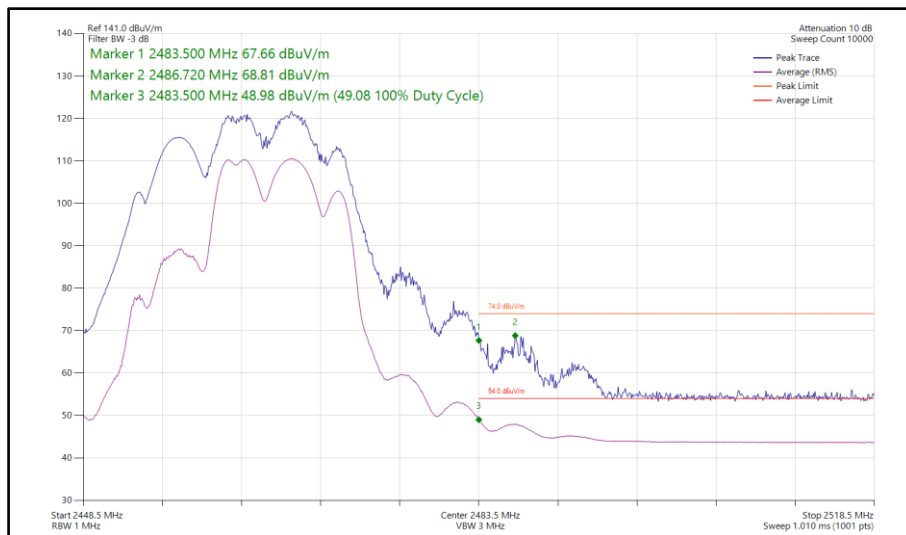


**Figure 215 - 802.11be EHT20, RU106+26-83, SDM, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**

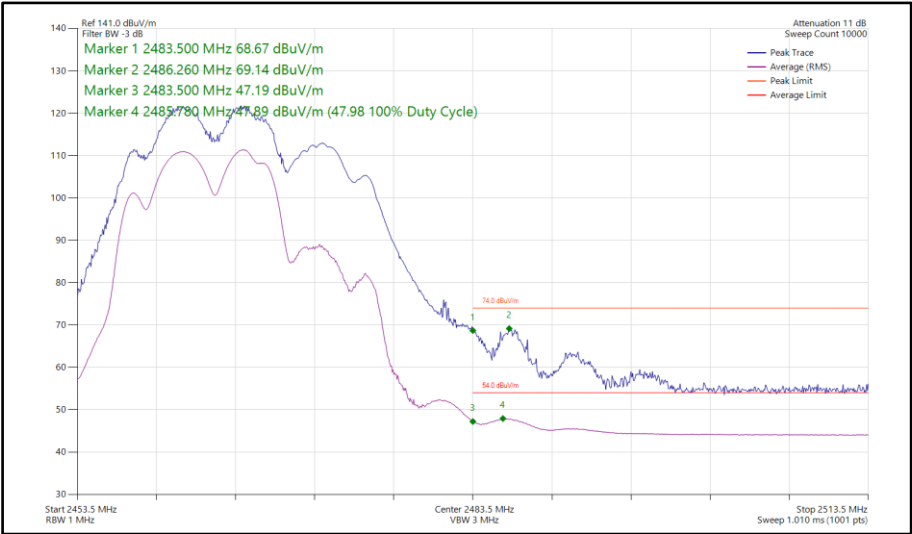


Figure 216 - 802.11be EHT20, RU106+26-82, SDM, Core 0-1 - 2467 MHz
Band Edge Frequency 2483.5 MHz

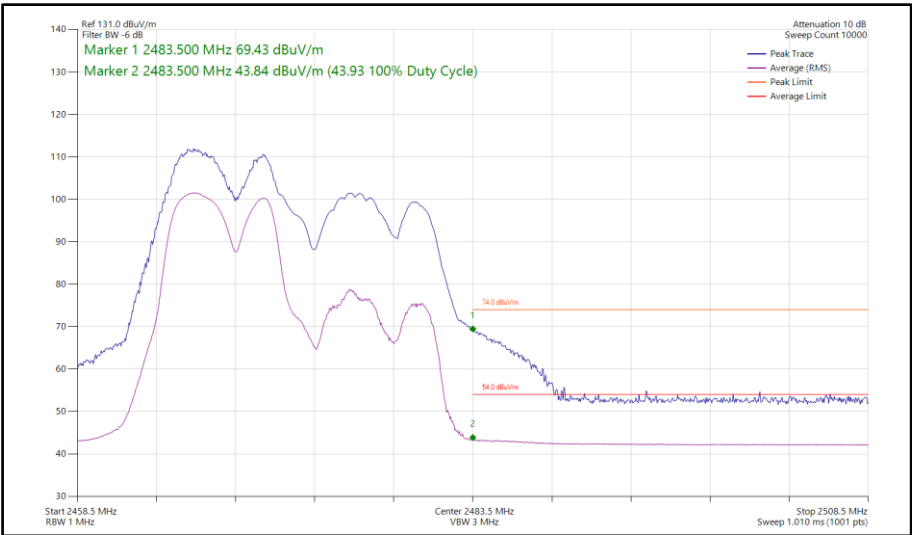


Figure 217 - 802.11be EHT20, RU52+26-70, SDM, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz



20 MHz Bandwidth - Core 0-1 (TxBF)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ac VHT20	MCS 2x1	-	-	2412	2390	66.17	51.35
802.11ac VHT20	MCS 8x1	-	-	2417	2390	69.32	51.40
802.11ac VHT20	MCS 8x1	-	-	2422	2390	69.03	49.20
802.11ac VHT20	MCS 4x1	-	-	2427	2390	68.62	51.45
802.11ac VHT20	MCS 2x1	-	-	2432	2390	63.61	51.16
802.11ax HE20	MCS 4x1	SU	-	2412	2390	65.85	51.49
802.11ax HE20	MCS 4x1	SU	-	2417	2390	66.63	51.38
802.11ax HE20	MCS 2x1	SU	-	2422	2390	64.13	51.47
802.11ax HE20	MCS 9x1	SU	-	2427	2390	68.83	48.26
802.11ax HE20	MCS 4x1	SU	-	2432	2390	68.42	51.14
802.11ac VHT20	MCS 8x1	-	-	2437	2483.5	69.44	49.25
802.11ac VHT20	MCS 4x1	-	-	2442	2483.5	69.05	51.28
802.11ac VHT20	MCS 4x1	-	-	2447	2483.5	69.23	51.42
802.11ac VHT20	MCS 4x1	-	-	2452	2483.5	67.52	51.15
802.11ac VHT20	MCS 2x1	-	-	2457	2483.5	64.56	51.33
802.11ac VHT20	MCS 4x1	-	-	2462	2483.5	65.03	51.40
802.11ac VHT20	MCS 2x1	-	-	2467	2483.5	64.78	51.39
802.11ac VHT20	MCS 8x1	-	-	2472	2483.5	68.80	51.36
802.11ax HE20	MCS 2x1	SU	-	2437	2483.5	63.99	51.34
802.11ax HE20	MCS 4x1	SU	-	2442	2483.5	68.72	51.41
802.11ax HE20	MCS 4x1	SU	-	2447	2483.5	69.47	51.40
802.11ax HE20	MCS 2x1	SU	-	2452	2483.5	63.42	51.42
802.11ax HE20	MCS 2x1	SU	-	2457	2483.5	66.14	51.04
802.11ax HE20	MCS 2x1	SU	-	2462	2483.5	63.53	51.16
802.11ax HE20	MCS 9x1	SU	-	2467	2483.5	65.35	51.49
802.11ax HE20	MCS 4x1	SU	-	2472	2483.5	69.28	48.06

Table 12 - TxBF Restricted Band Edge Results

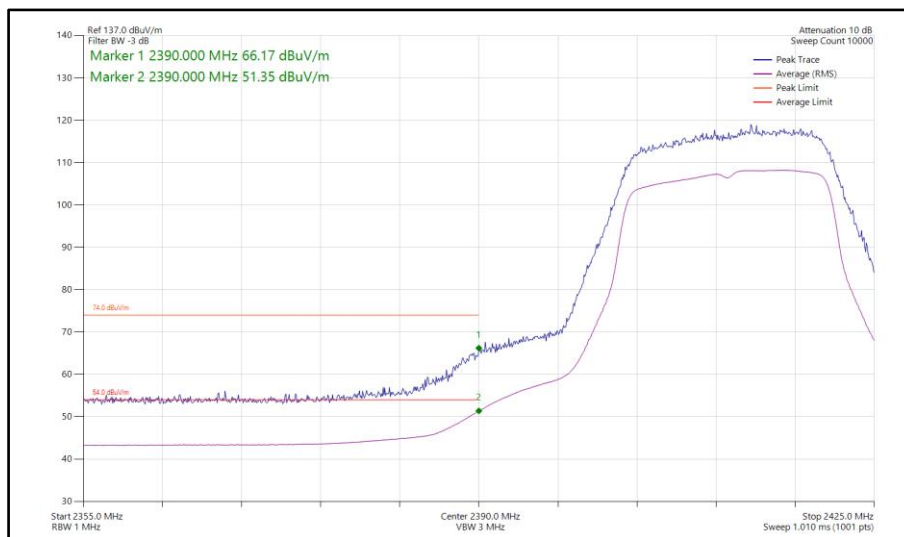


**Figure 218 - 802.11ac VHT20, TxBF, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**

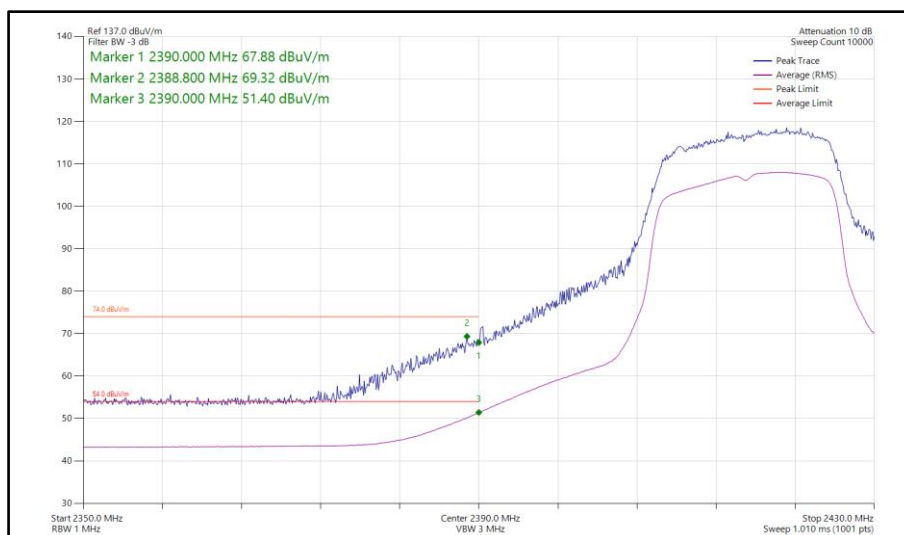


**Figure 219 - 802.11ac VHT20, TxBF, Core 0-1 - 2417 MHz
Band Edge Frequency 2390 MHz**

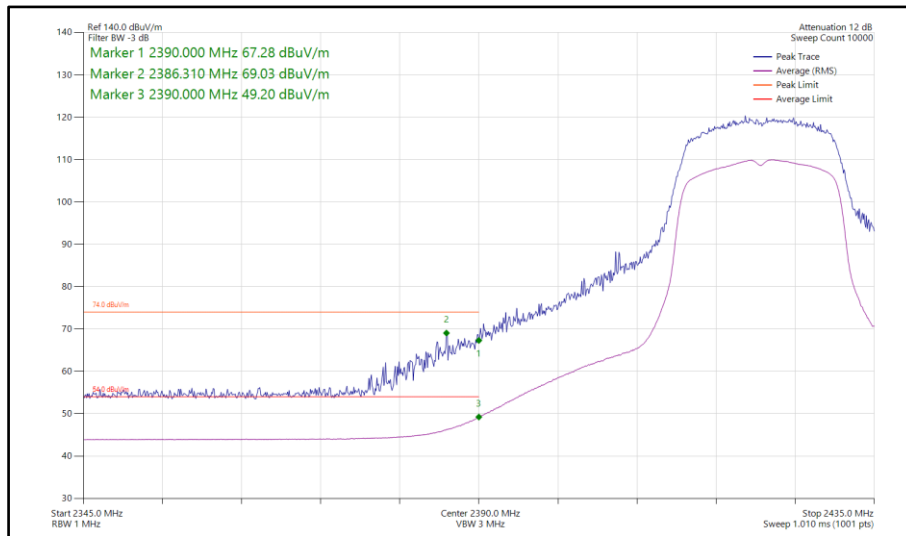


**Figure 220 - 802.11ac VHT20, TxBF, Core 0-1 - 2422 MHz
Band Edge Frequency 2390 MHz**

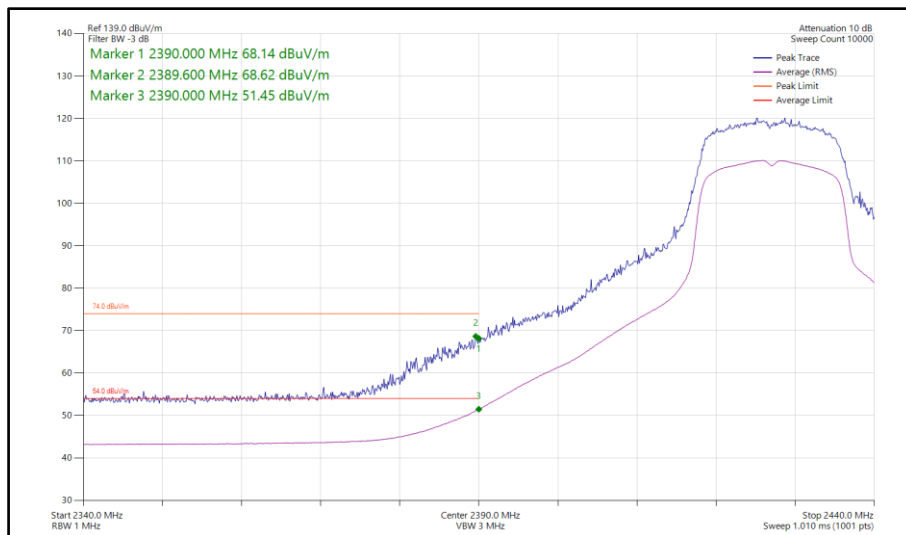


**Figure 221 - 802.11ac VHT20, TxBF, Core 0-1 - 2427 MHz
Band Edge Frequency 2390 MHz**

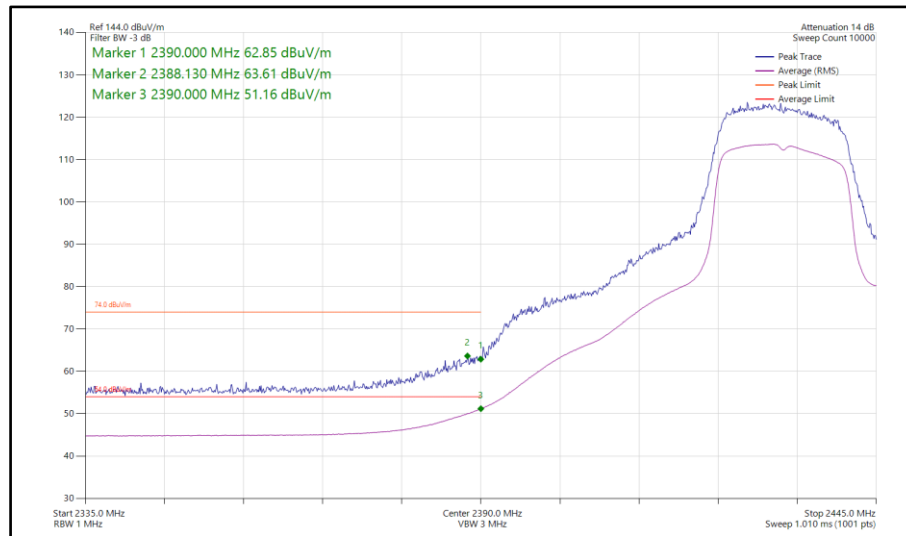


**Figure 222 - 802.11ac VHT20, TxBF, Core 0-1 - 2432 MHz
Band Edge Frequency 2390 MHz**

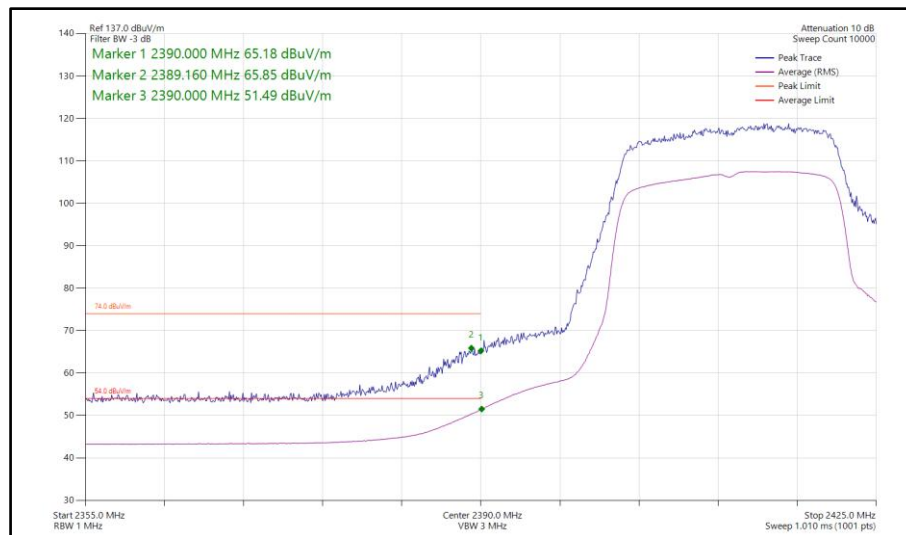


**Figure 223 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**

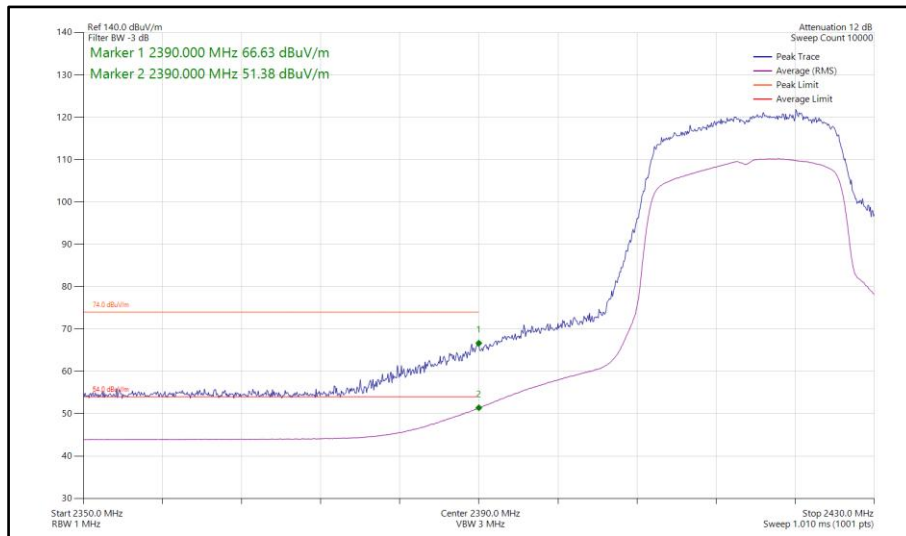


**Figure 224 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2417 MHz
Band Edge Frequency 2390 MHz**

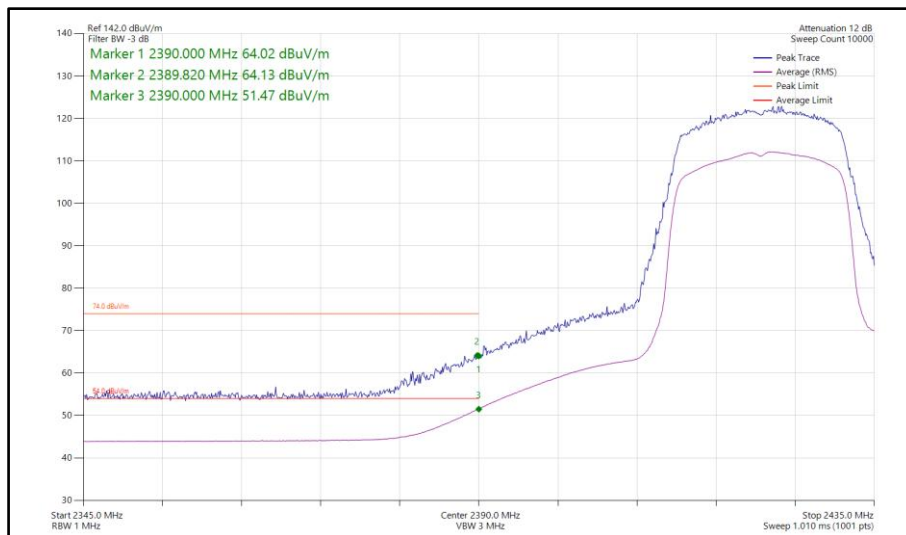


**Figure 225 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2422 MHz
Band Edge Frequency 2390 MHz**

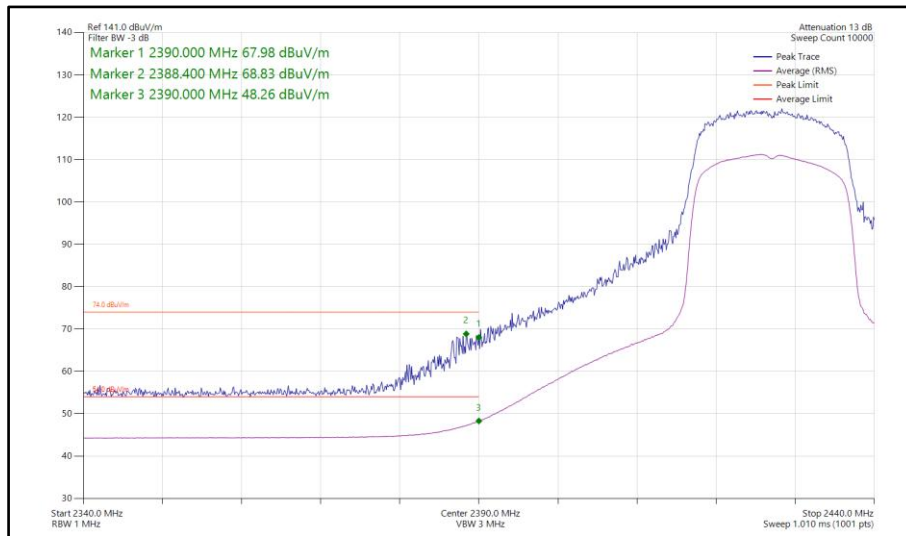


**Figure 226 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2427 MHz
Band Edge Frequency 2390 MHz**

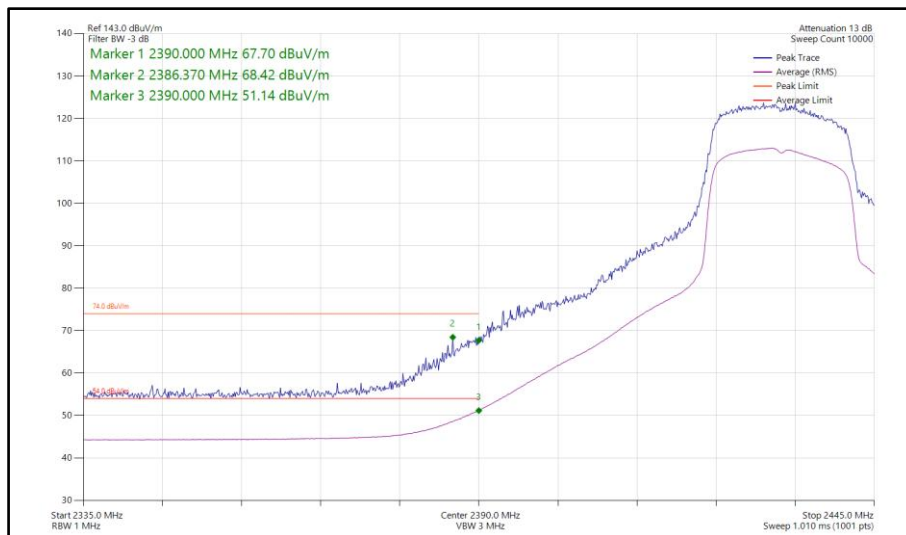


**Figure 227 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2432 MHz
Band Edge Frequency 2390 MHz**

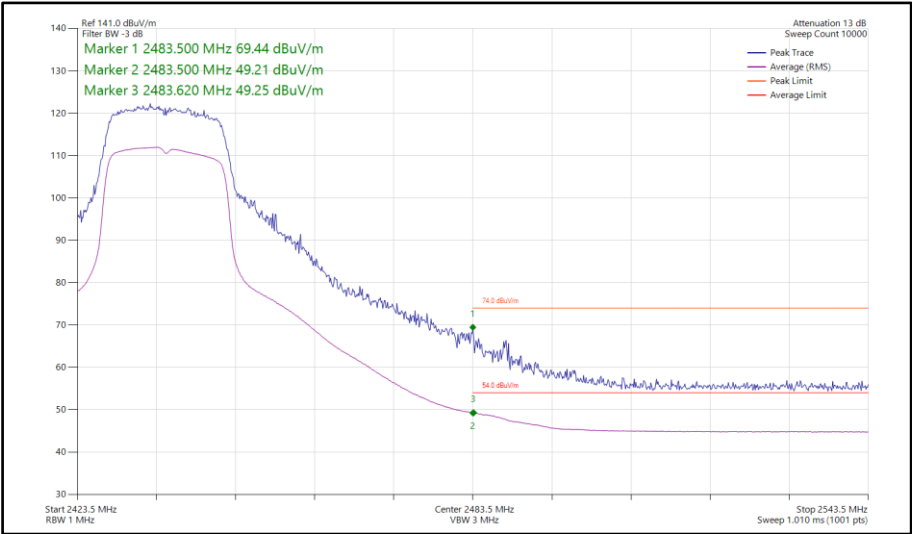


Figure 228 - 802.11ac VHT20, TxBF, Core 0-1 - 2437 MHz
Band Edge Frequency 2483.5 MHz

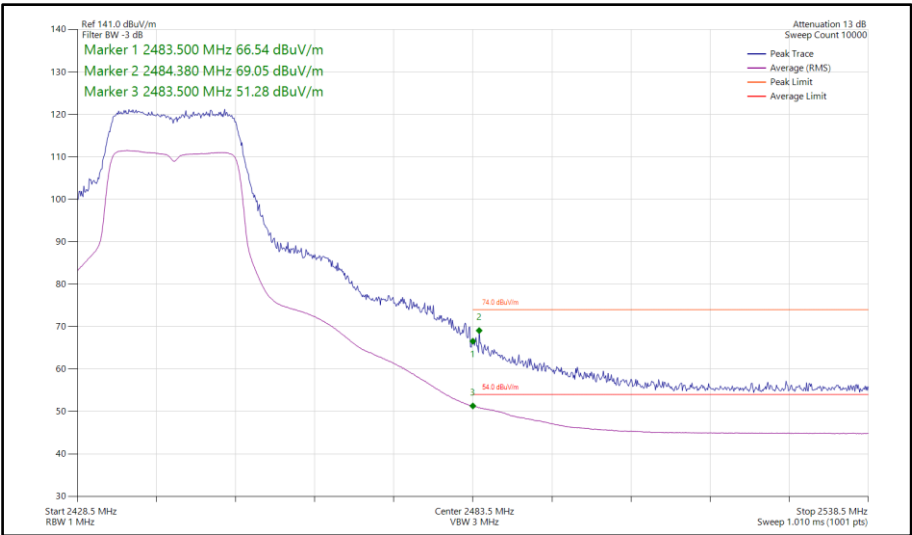


Figure 229 - 802.11ac VHT20, TxBF, Core 0-1 - 2442 MHz
Band Edge Frequency 2483.5 MHz

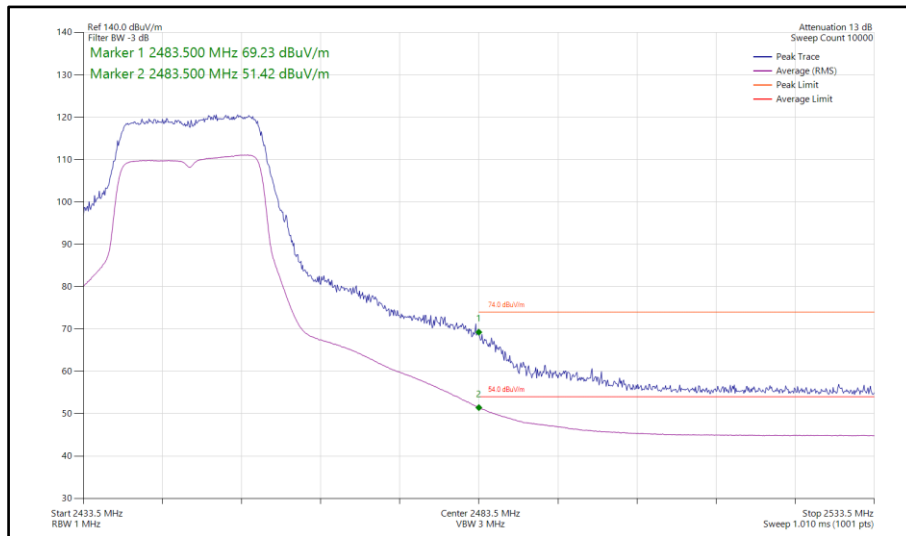


**Figure 230 - 802.11ac VHT20, TxBF, Core 0-1 - 2447 MHz
Band Edge Frequency 2483.5 MHz**

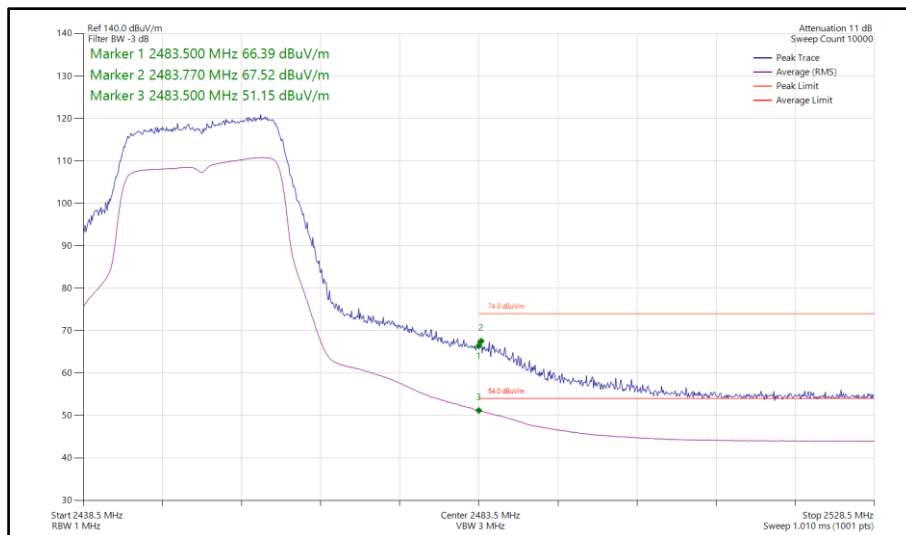


**Figure 231 - 802.11ac VHT20, TxBF, Core 0-1 - 2452 MHz
Band Edge Frequency 2483.5 MHz**

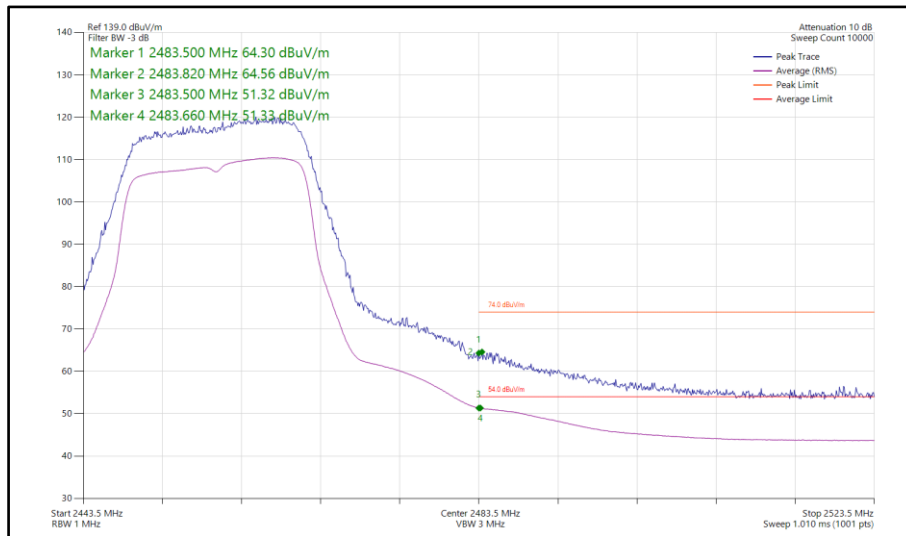


**Figure 232 - 802.11ac VHT20, TxBF, Core 0-1 - 2457 MHz
Band Edge Frequency 2483.5 MHz**

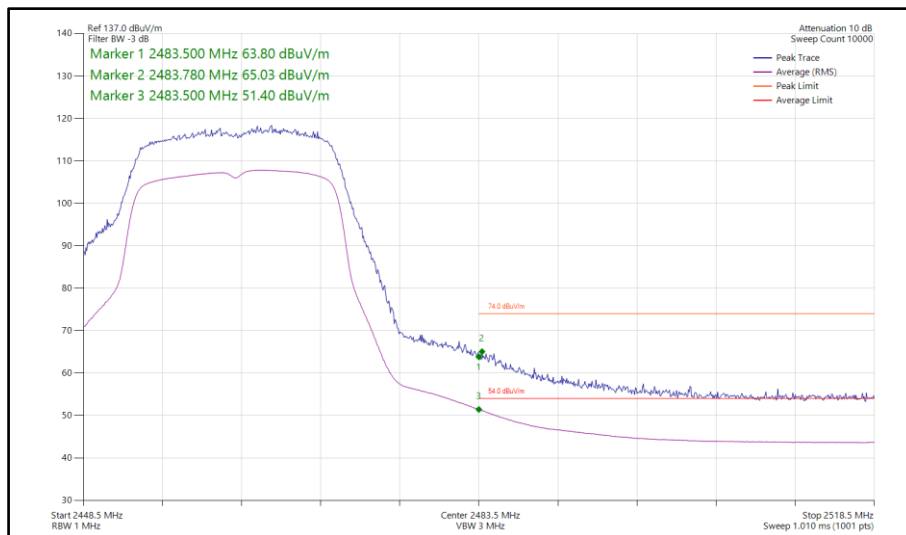


**Figure 233 - 802.11ac VHT20, TxBF, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**

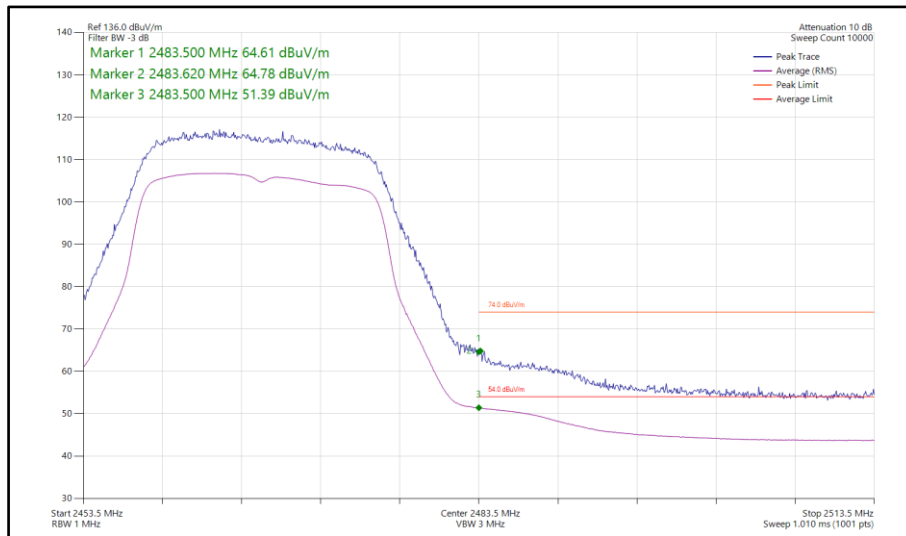


**Figure 234 - 802.11ac VHT20, TxBF, Core 0-1 - 2467 MHz
Band Edge Frequency 2483.5 MHz**

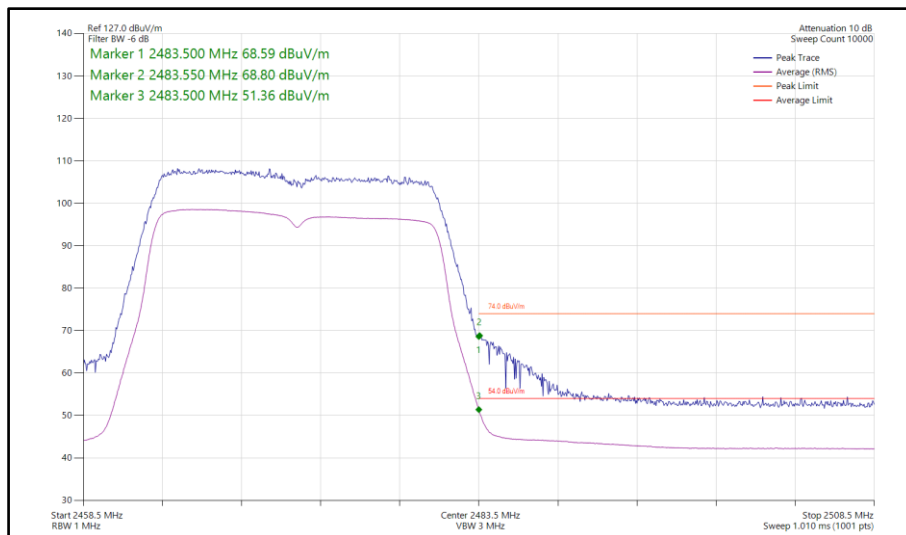


**Figure 235 - 802.11ac VHT20, TxBF, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**

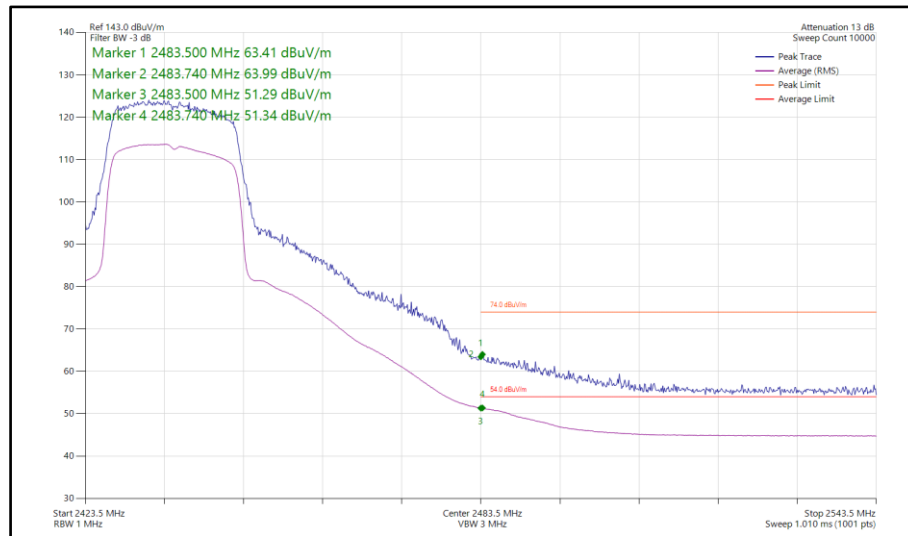


**Figure 236 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2437 MHz
Band Edge Frequency 2483.5 MHz**

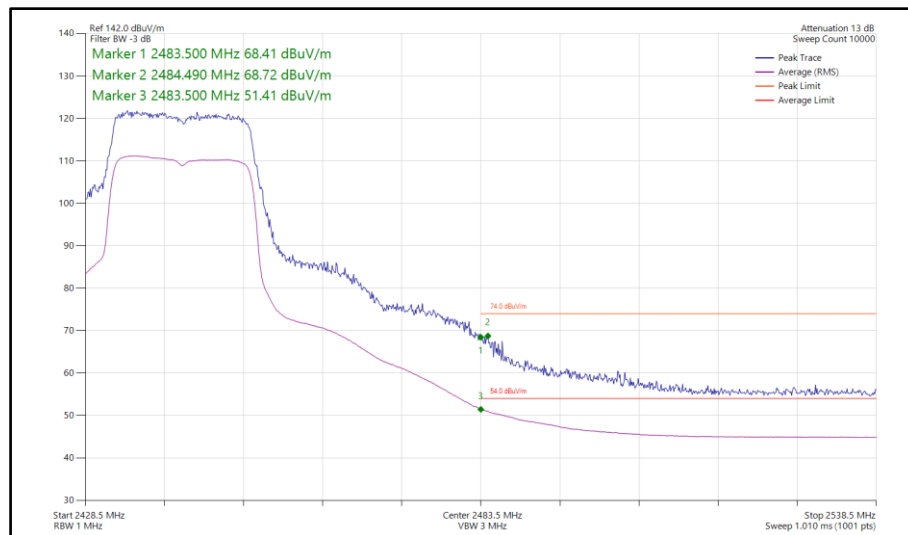


**Figure 237 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2442 MHz
Band Edge Frequency 2483.5 MHz**

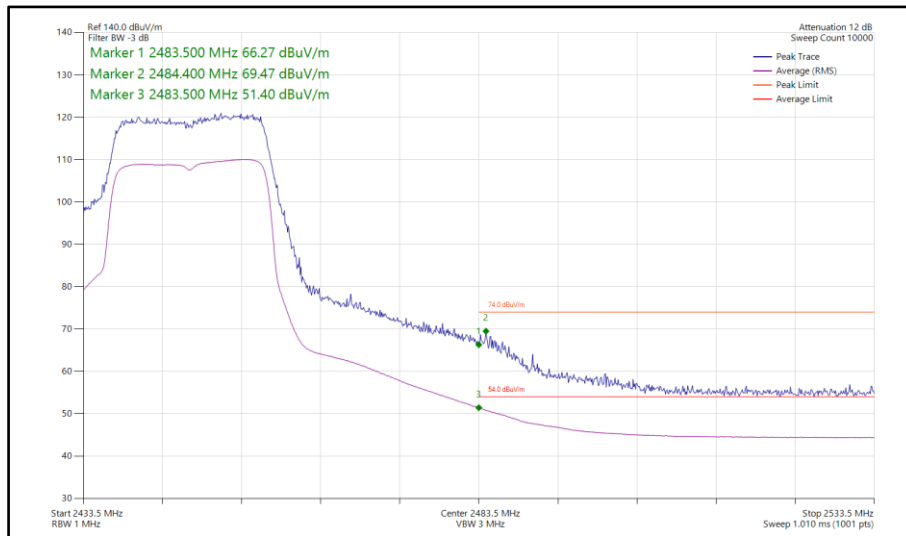


**Figure 238 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2447 MHz
Band Edge Frequency 2483.5 MHz**

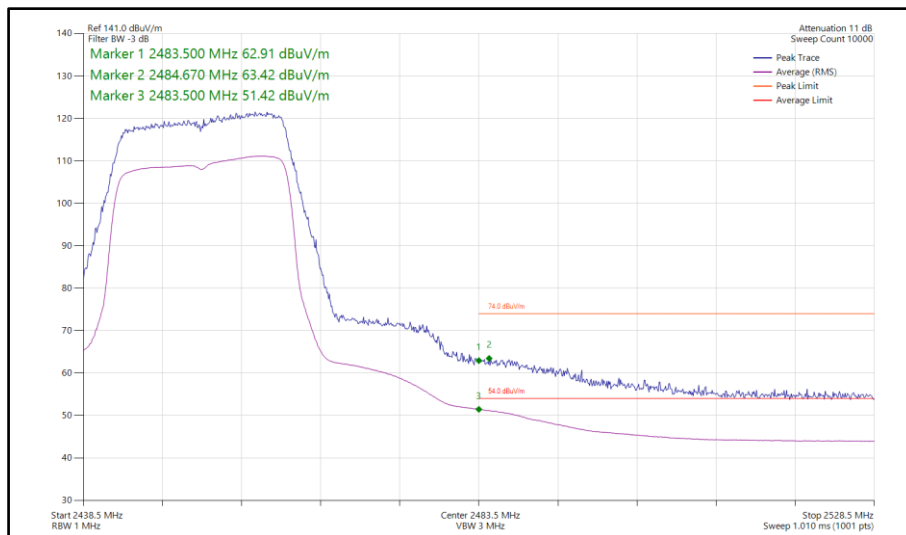


**Figure 239 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2452 MHz
Band Edge Frequency 2483.5 MHz**

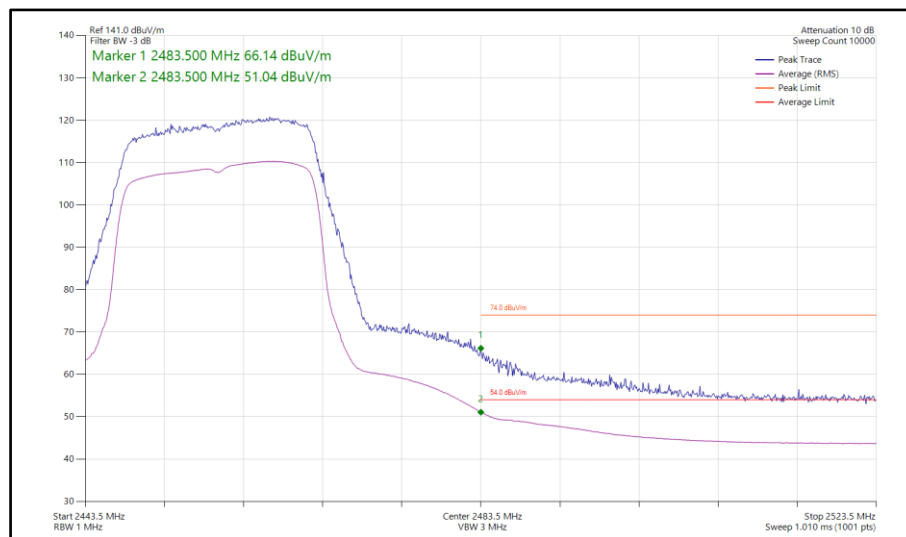


**Figure 240 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2457 MHz
Band Edge Frequency 2483.5 MHz**

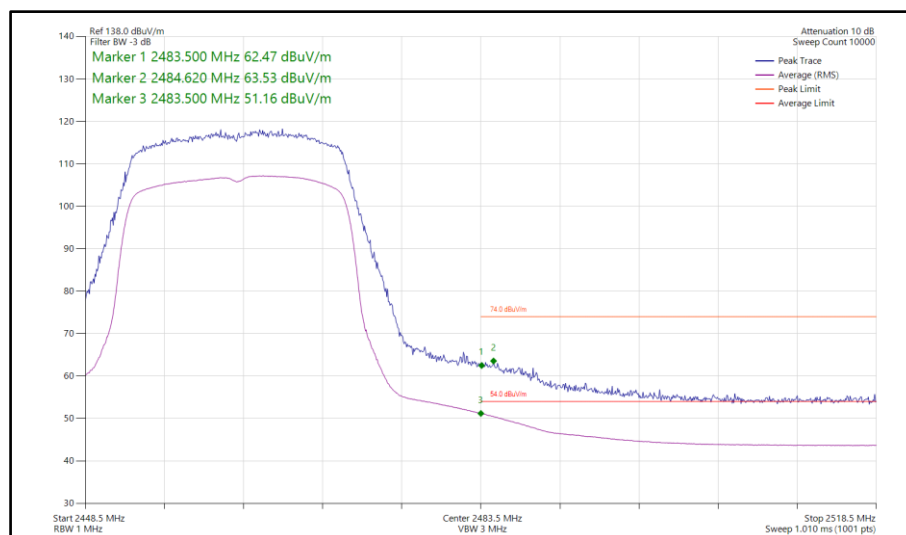


**Figure 241 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**

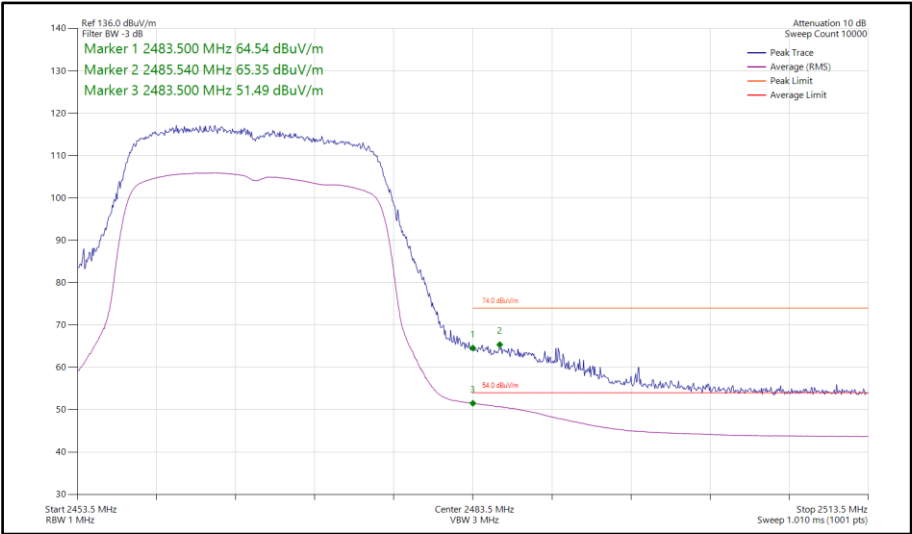


Figure 242 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2467 MHz
Band Edge Frequency 2483.5 MHz

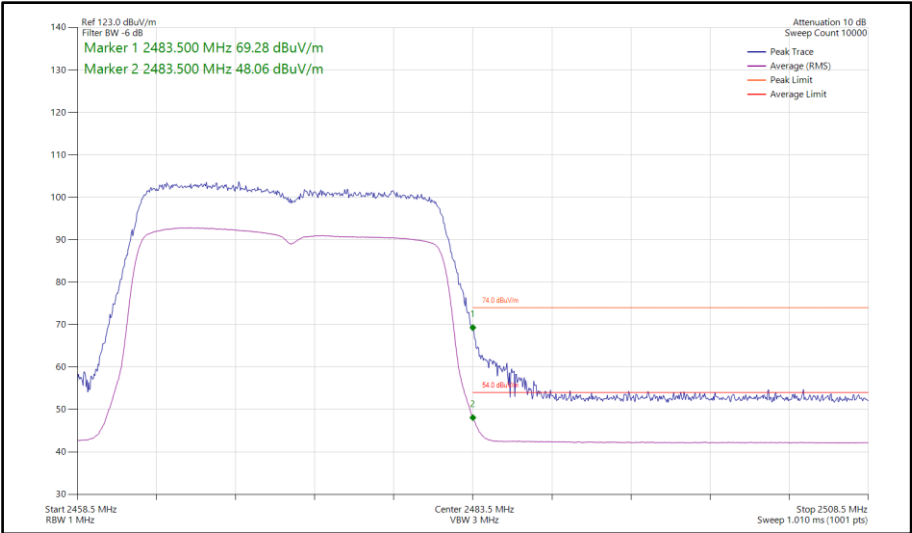


Figure 243 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz



FCC 47 CFR Part 15, Limit Clause 15.209

Frequency (MHz)	Field Strength ($\mu\text{V}/\text{m}$ at 3 m)
30 to 88	100
88 to 216	150
216 to 960	200
Above 960	500

Table 13

ISED RSS-GEN, Limit Clause 8.10

Frequency (MHz)	Field Strength ($\mu\text{V}/\text{m}$ at 3 m)
30 to 88	100
88 to 216	150
216 to 960	200
Above 960*	500

Table 14

*Unless otherwise specified, for all frequencies greater than 1 GHz, the radiated emission limits for licence-exempt radio apparatus stated in applicable RSSs (including RSS-Gen) are based on measurements using a linear average detector function having a minimum resolution bandwidth of 1 MHz. If an average limit is specified for the EUT, then the peak emission shall also be measured with instrumentation properly adjusted for such factors as pulse desensitization to ensure the peak emission is less than 20 dB above the average limit.



2.1.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.6.3 V.	5125	-	O/P Mon
EMI Test Receiver	Rohde & Schwarz	ESW44	5912	12	17-Sep-2027
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	O/P Mon
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 14	5958	36	23-Apr-2028
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5959	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5962	-	TU
Horn Antenna (1-10.5 GHz)	Schwarzbeck	BBHA9120B	6140	12	12-Sep-2027
Digital Multimeter	Fluke	115	6147	12	03-Jun-2027
SAC Switch Unit	TUV SUD	TUV_SSU_001	6190	12	11-Dec-2026
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	6795	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6796	-	TU
Handheld Hygrometer	Fluke	971	6838	12	16-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6842	12	23-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6843	12	14-Sep-2027
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6848	12	23-Oct-2026

Table 15

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



2.2 Emission Bandwidth

2.2.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.247 (a)(2)
ISED RSS-247, Clause 6.3.1 (a)
ISED RSS-GEN, Clause 6.7

2.2.2 Equipment Under Test and Modification State

A3375, S/N: CH6Q14YF9N - Modification State 0
A3375, S/N: CX4D4WHY7Q - Modification State 0

2.2.3 Date of Test

04-September-2026 & 23-September-2026

2.2.4 Test Method

This test was performed in accordance with ANSI C63.10, clause 11.8.1 for 6 dB BW and 6.9.3 for 99% occupied bandwidth measurements.

2.2.5 Environmental Conditions

Ambient Temperature	21.5 - 23.0 °C
Relative Humidity	44.8 - 54.8 %



2.2.6 Test Results

2.4 GHz WLAN

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11b	14.160	14.640
802.11g	16.380	16.740
802.11n HT20	17.520	17.940
802.11ax HE20 SU	18.780	19.140

Table 16 - 99% Bandwidth Summary Results - SISO

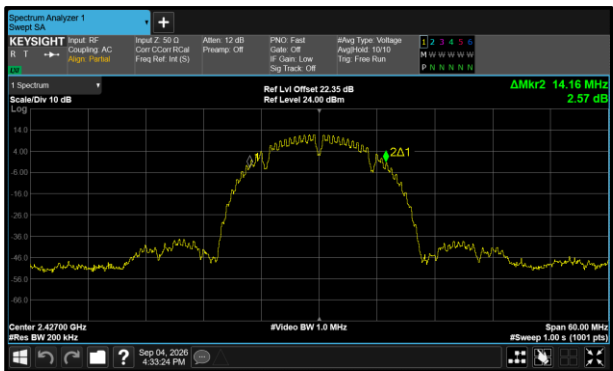


Figure 244 - 802.11b Minimum 99% OBW

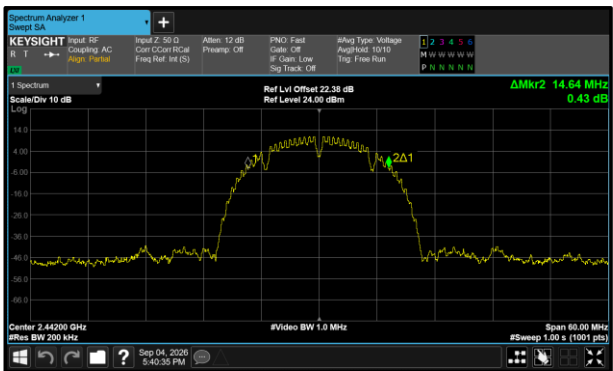


Figure 245 - 802.11b Maximum 99% OBW

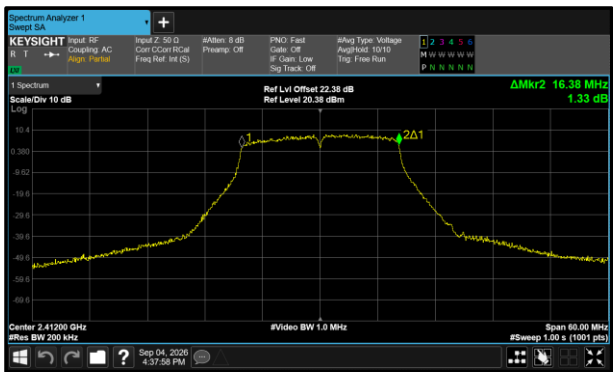


Figure 246 - 802.11g Minimum 99% OBW

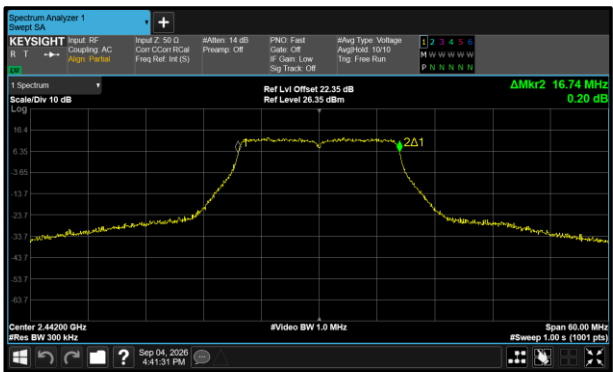


Figure 247 - 802.11g Maximum 99% OBW

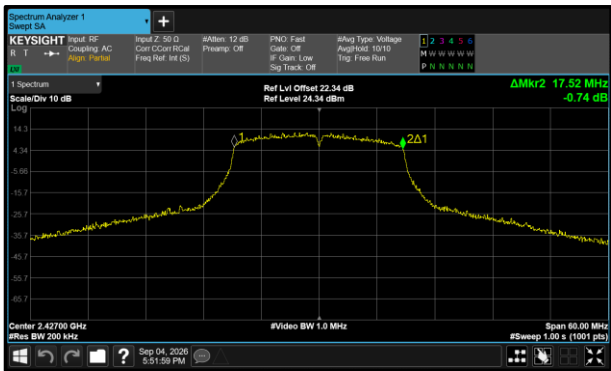


Figure 248 - 802.11n HT20 Minimum 99% OBW

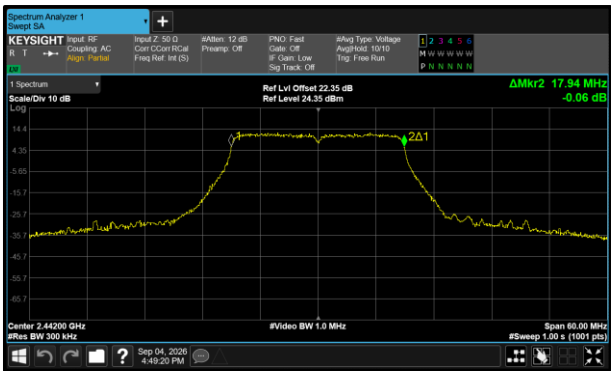


Figure 249 - 802.11n HT20 Maximum 99% OBW

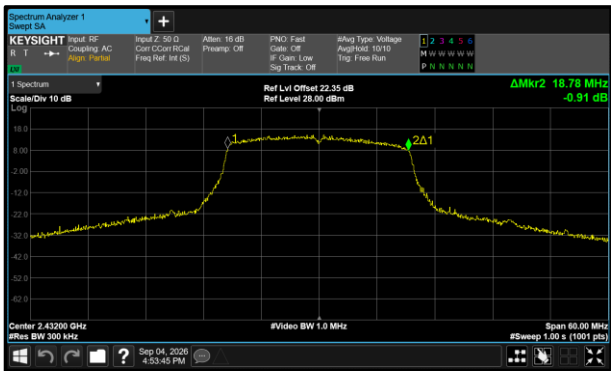


Figure 250 - 802.11ax HE20 SU Minimum 99% OBW

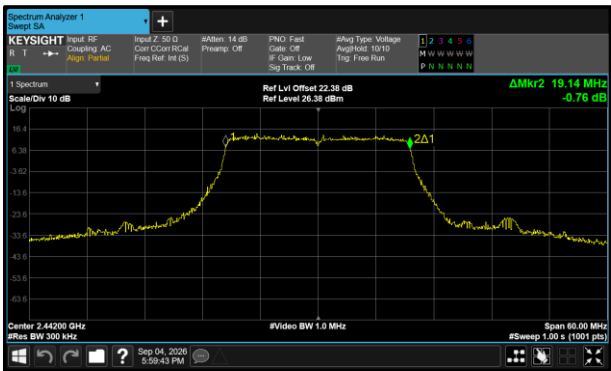


Figure 251 - 802.11ax HE20 SU Maximum 99% OBW

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11g	16.380	16.800
802.11n HT20	17.640	17.940
802.11ax HE20 SU	18.840	19.140

Table 17 - 99% Bandwidth Summary Results - MIMO CDD

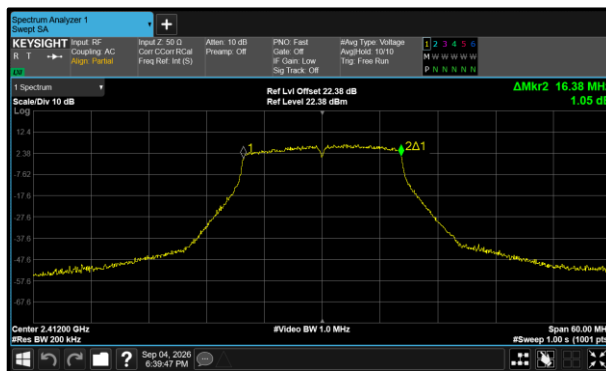


Figure 252 - 802.11g Minimum 99% OBW

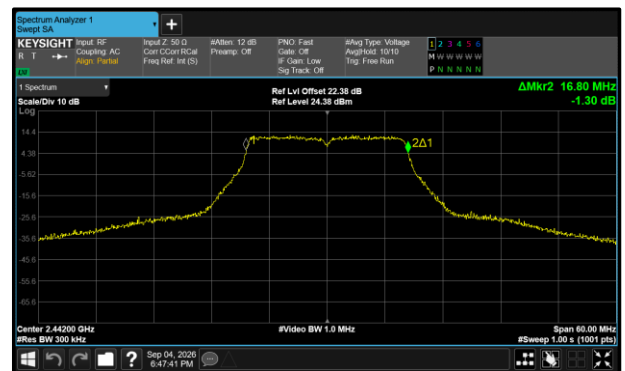


Figure 253 - 802.11g Maximum 99% OBW



Figure 254 - 802.11n HT20 Minimum 99% OBW

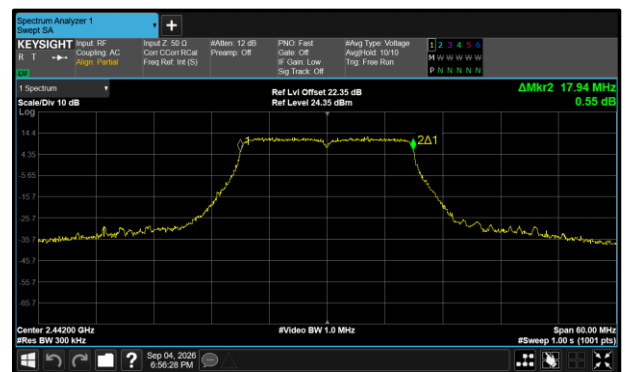


Figure 255 - 802.11n HT20 Maximum 99% OBW

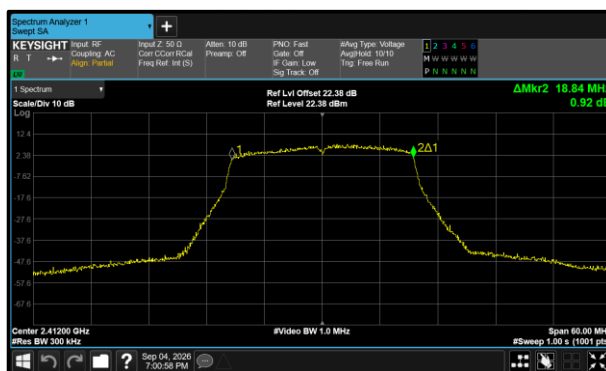


Figure 256 - 802.11ax HE20 SU Minimum 99% OBW

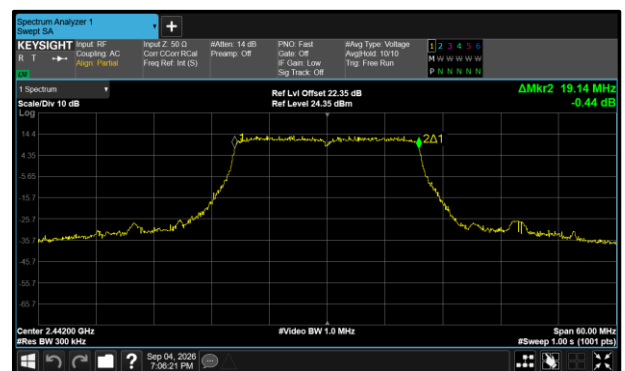


Figure 257 - 802.11ax HE20 SU Maximum 99% OBW



Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	17.520	17.880
802.11ax HE20 SU	18.780	19.080

Table 18 - 99% Bandwidth Summary Results - MIMO SDM

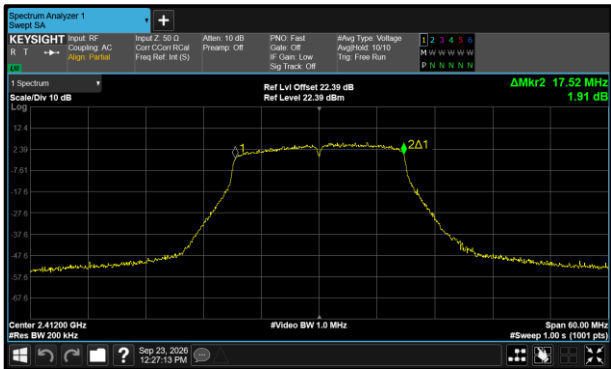


Figure 258 - 802.11n HT20 Minimum 99% OBW

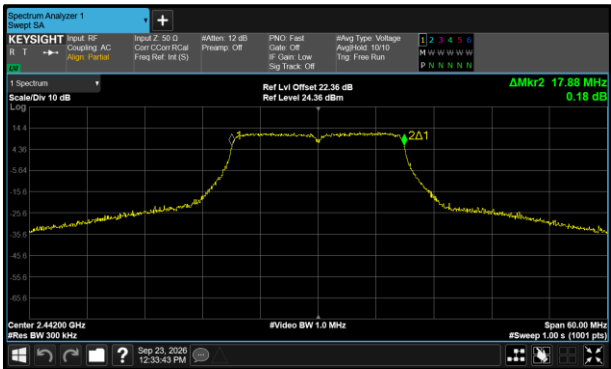


Figure 259 - 802.11n HT20 Maximum 99% OBW

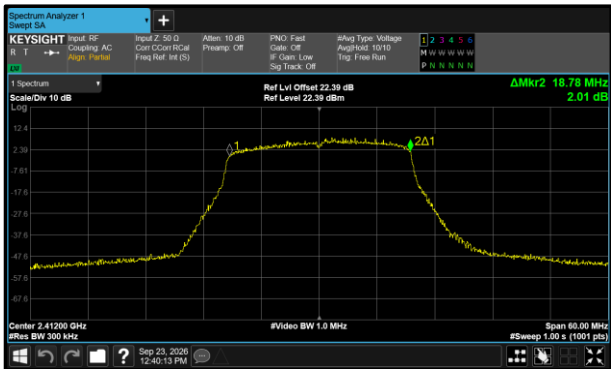


Figure 260 - 802.11ax HE20 SU Minimum 99% OBW

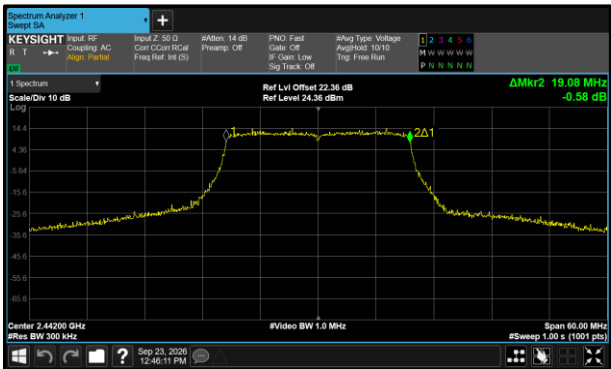


Figure 261 - 802.11ax HE20 SU Maximum 99% OBW

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11ac VHT20	17.580	17.880
802.11ax HE20 SU	18.840	19.140

Table 19 - 99% Bandwidth Summary Results - TxBF

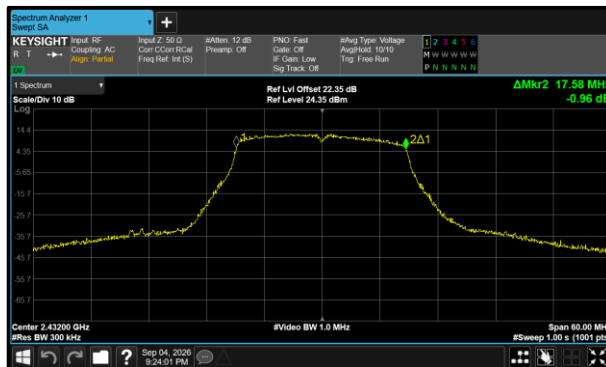


Figure 262 - 802.11ac VHT20 Minimum 99% OBW

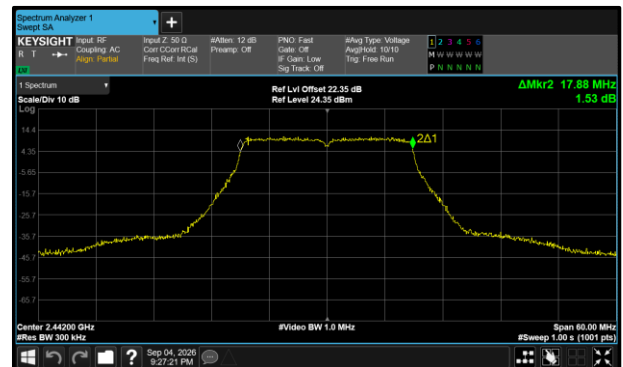


Figure 263 - 802.11ac VHT20 Maximum 99% OBW

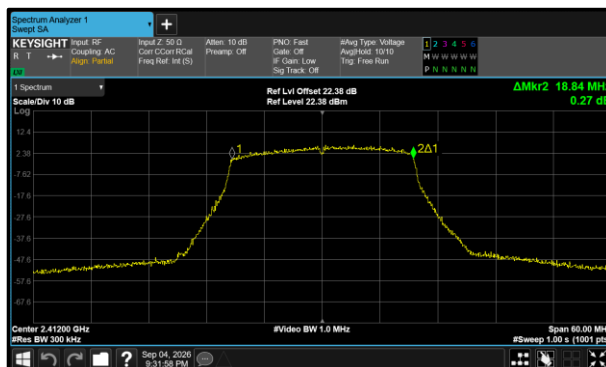


Figure 264 - 802.11ax HE20 SU Minimum 99% OBW

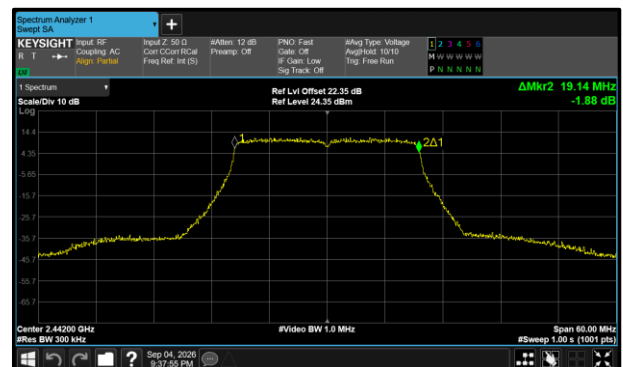


Figure 265 - 802.11ax HE20 SU Maximum 99% OBW



Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11b	9.660	10.140
802.11ax HE20 SU	17.220	19.080
802.11g	15.420	16.500
802.11n HT20	15.420	17.700

Table 20 - 6 dB Bandwidth Summary Results - SISO

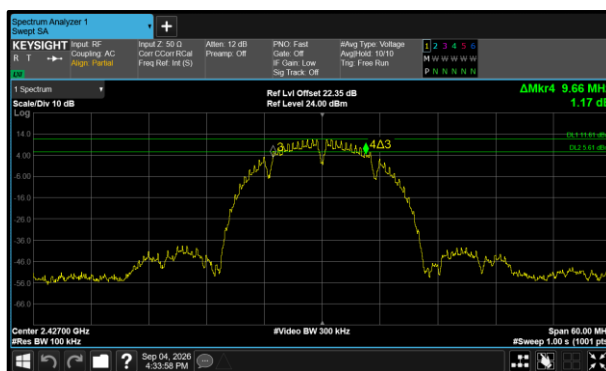


Figure 266 - 802.11b Minimum 6 dB EBW

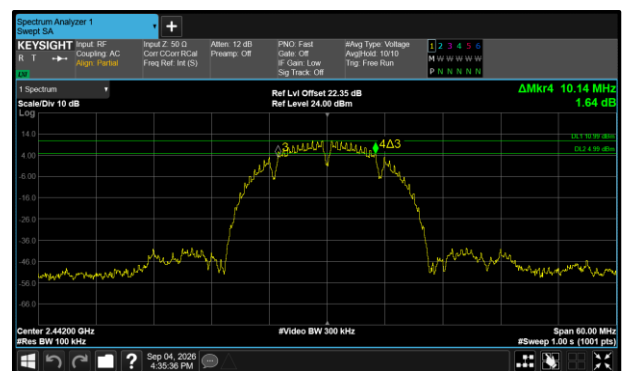


Figure 267 - 802.11b Maximum 6 dB EBW

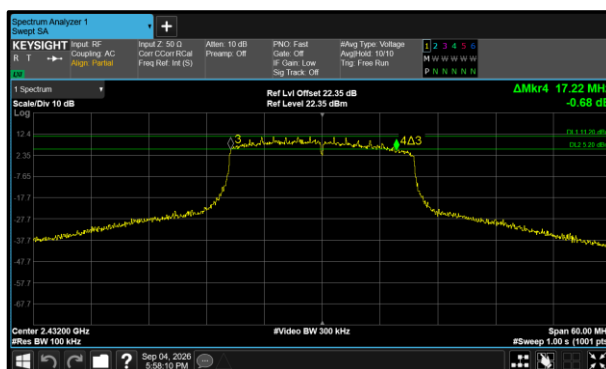


Figure 268 - 802.11ax HE20 SU Minimum 6 dB EBW

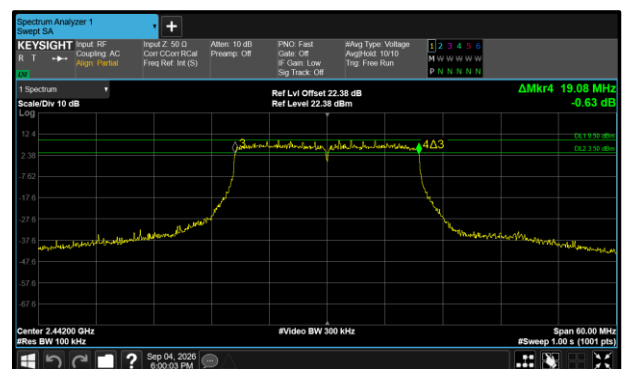


Figure 269 - 802.11ax HE20 SU Maximum 6 dB EBW

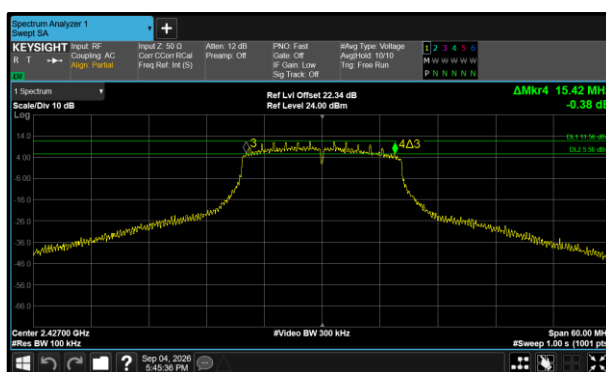


Figure 270 - 802.11g Minimum 6 dB EBW

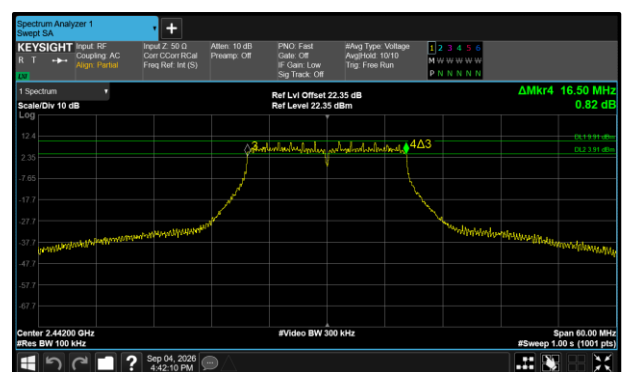


Figure 271 - 802.11g Maximum 6 dB EBW

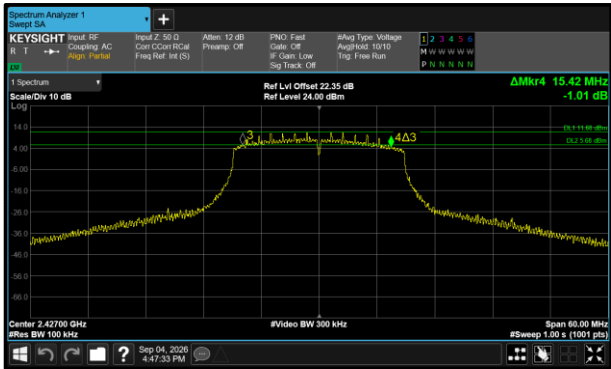


Figure 272 - 802.11n HT20 Minimum 6 dB EBW

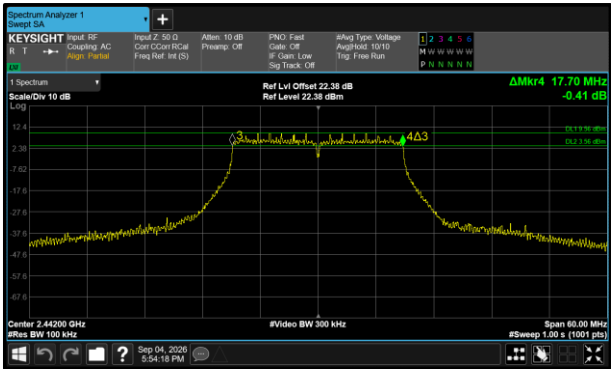


Figure 273 - 802.11n HT20 Maximum 6 dB EBW

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU	17.100	19.080
802.11g	15.840	16.500
802.11n HT20	16.020	17.700

Table 21 - 6 dB Bandwidth Summary Results - MIMO CDD

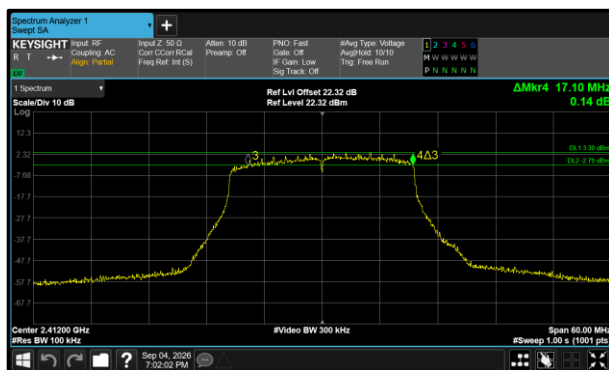


Figure 274 - 802.11ax HE20 SU Minimum 6 dB EBW

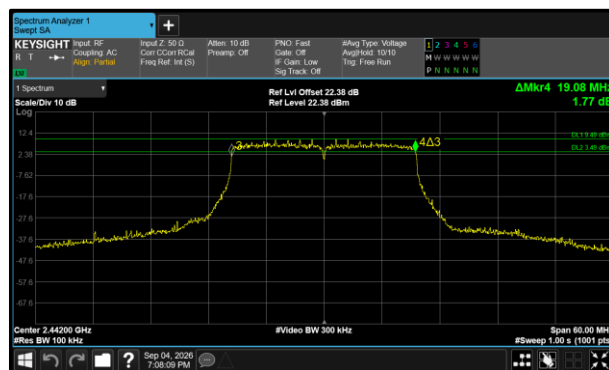


Figure 275 - 802.11ax HE20 SU Maximum 6 dB EBW

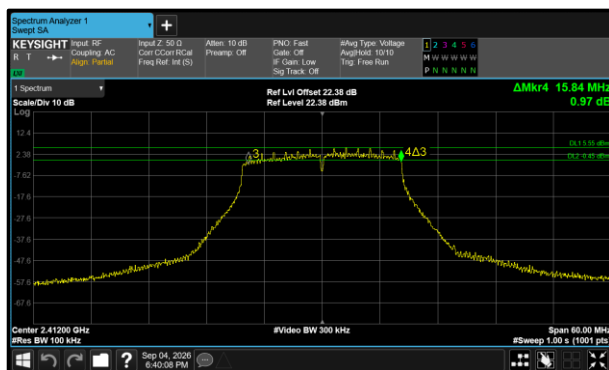


Figure 276 - 802.11g Minimum 6 dB EBW

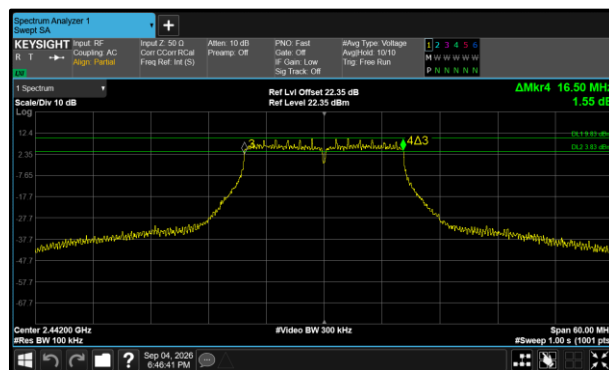


Figure 277 - 802.11g Maximum 6 dB EBW

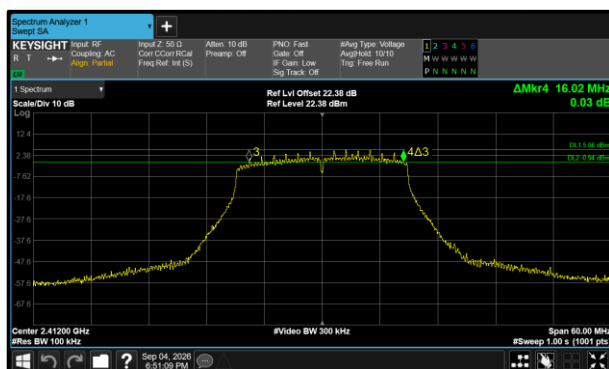


Figure 278 - 802.11n HT20 Minimum 6 dB EBW

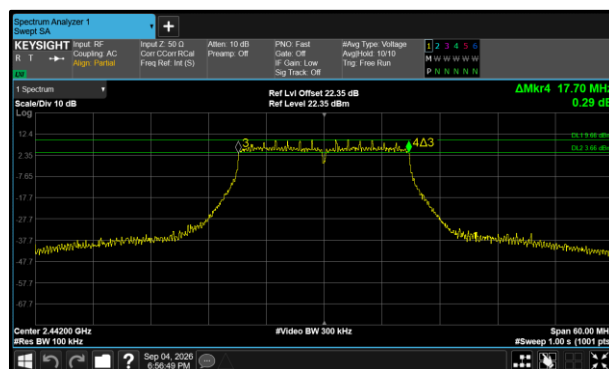


Figure 279 - 802.11n HT20 Maximum 6 dB EBW

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU	16.500	19.080
802.11n HT20	16.080	17.760

Table 22 - 6 dB Bandwidth Summary Results - MIMO SDM

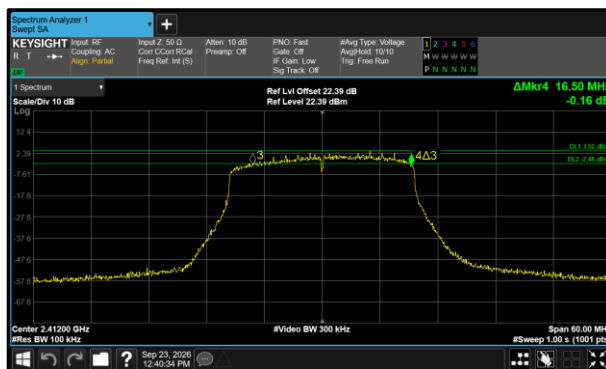


Figure 280 - 802.11ax HE20 SU Minimum 6 dB EBW

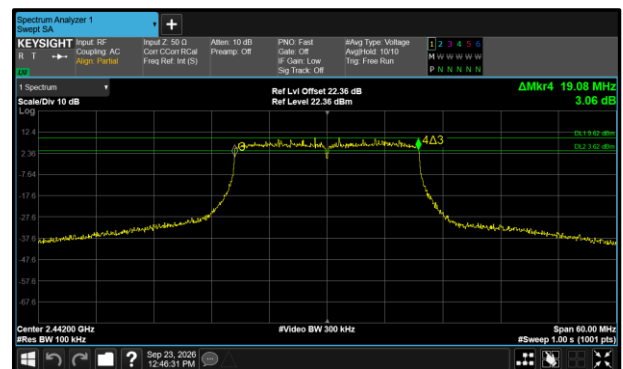


Figure 281 - 802.11ax HE20 SU Maximum 6 dB EBW

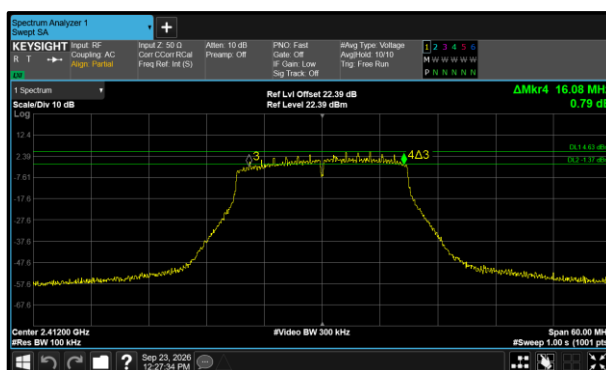


Figure 282 - 802.11n HT20 Minimum 6 dB EBW

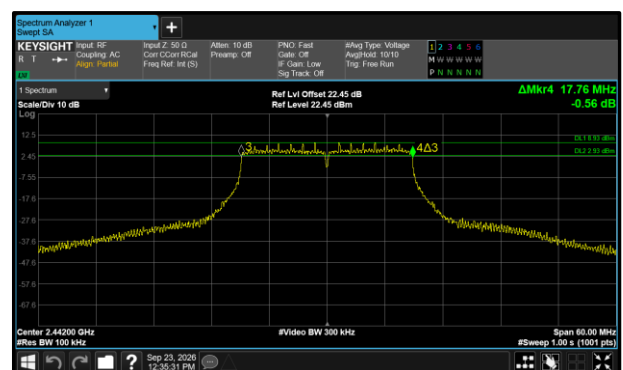


Figure 283 - 802.11n HT20 Maximum 6 dB EBW

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU	17.100	19.140
802.11ac VHT20	16.140	17.760

Table 23 - 6 dB Bandwidth Summary Results - TxBF

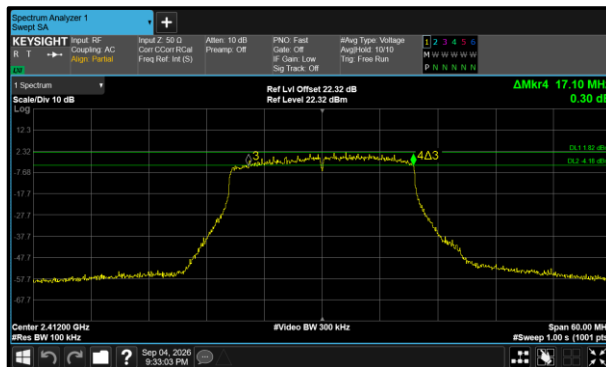


Figure 284 - 802.11ax HE20 SU Minimum 6 dB EBW

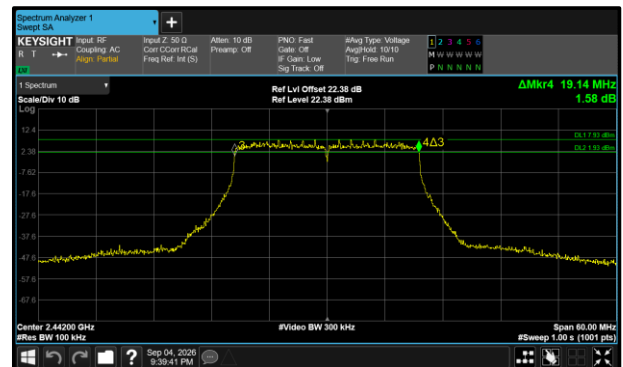


Figure 285 - 802.11ax HE20 SU Maximum 6 dB EBW

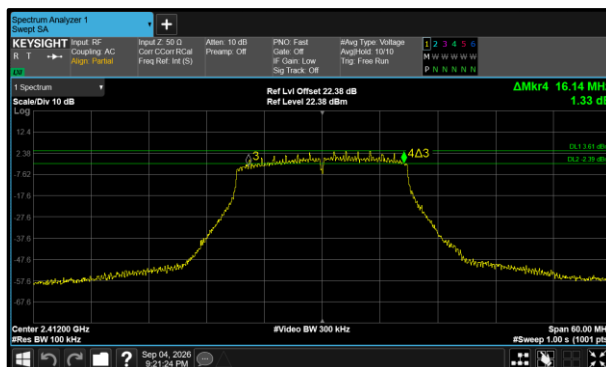


Figure 286 - 802.11ac VHT20 Minimum 6 dB EBW

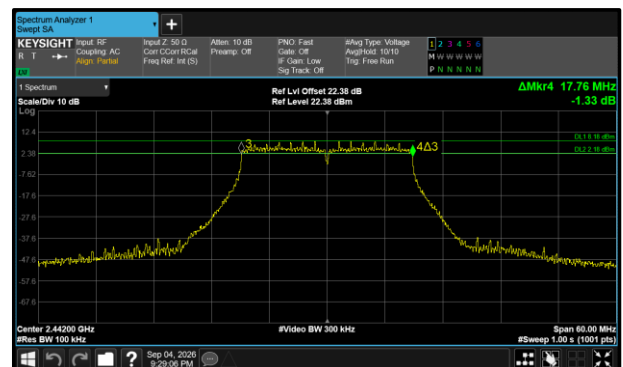


Figure 287 - 802.11ac VHT20 Maximum 6 dB EBW



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.10 11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	9.720	-	-	-	≥500.0
2427	9.660	-	-	-	≥500.0
2442	10.140	-	-	-	≥500.0
2472	9.660	-	-	-	≥500.0

Table 24 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	14.520	-	-	-	-
2427	14.160	-	-	-	-
2442	14.580	-	-	-	-
2472	14.520	-	-	-	-

Table 25 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11g	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)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	15.840	-	-	-	≥500.0
2432	15.840	-	-	-	≥500.0
2442	16.500	-	-	-	≥500.0
2472	16.500	-	-	-	≥500.0

Table 26 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	16.380	-	-	-	-
2432	16.440	-	-	-	-
2442	16.740	-	-	-	-
2472	16.440	-	-	-	-

Table 27 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.11.8.1
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)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	16.200	-	-	-	≥500.0
2427	15.420	-	-	-	≥500.0
2442	17.640	-	-	-	≥500.0
2472	17.400	-	-	-	≥500.0

Table 28 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	17.640	-	-	-	-
2427	17.580	-	-	-	-
2442	17.940	-	-	-	-
2472	17.640	-	-	-	-

Table 29 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.11.8.1
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)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	17.280	-	-	-	≥500.0
2432	17.820	-	-	-	≥500.0
2442	19.020	-	-	-	≥500.0
2472	18.960	-	-	-	≥500.0

Table 30 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	18.840	-	-	-	-
2432	18.780	-	-	-	-
2442	19.080	-	-	-	-
2472	18.960	-	-	-	-

Table 31 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	9.720	-	-	≥500.0
2427	-	9.660	-	-	≥500.0
2442	-	10.140	-	-	≥500.0
2472	-	9.660	-	-	≥500.0

Table 32 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	14.460	-	-	-
2427	-	14.160	-	-	-
2442	-	14.640	-	-	-
2472	-	14.520	-	-	-

Table 33 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11g	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)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	15.840	-	-	≥500.0
2427	-	15.420	-	-	≥500.0
2442	-	16.500	-	-	≥500.0
2472	-	16.260	-	-	≥500.0

Table 34 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	16.440	-	-	-
2427	-	16.380	-	-	-
2442	-	16.620	-	-	-
2472	-	16.440	-	-	-

Table 35 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.11.8.1
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)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	16.200	-	-	≥500.0
2427	-	15.480	-	-	≥500.0
2442	-	17.700	-	-	≥500.0
2472	-	17.460	-	-	≥500.0

Table 36 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	17.700	-	-	-
2427	-	17.520	-	-	-
2442	-	17.940	-	-	-
2472	-	17.640	-	-	-

Table 37 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.11.8.1
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)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	18.120	-	-	≥500.0
2432	-	17.220	-	-	≥500.0
2442	-	19.080	-	-	≥500.0
2472	-	18.840	-	-	≥500.0

Table 38 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	18.900	-	-	-
2432	-	18.840	-	-	-
2442	-	19.140	-	-	-
2472	-	18.960	-	-	-

Table 39 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	15.840	15.840	-	-	≥500.0
2432	15.840	15.840	-	-	≥500.0
2442	16.500	16.500	-	-	≥500.0
2472	16.500	16.440	-	-	≥500.0

Table 40 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	16.380	16.440	-	-	-
2432	16.440	16.500	-	-	-
2442	16.740	16.800	-	-	-
2472	16.440	16.440	-	-	-

Table 41 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	16.020	16.440	-	-	≥500.0
2432	16.200	16.140	-	-	≥500.0
2442	17.700	17.700	-	-	≥500.0
2472	17.700	17.400	-	-	≥500.0

Table 42 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	17.640	17.640	-	-	-
2432	17.700	17.700	-	-	-
2442	17.940	17.940	-	-	-
2472	17.640	17.640	-	-	-

Table 43 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	17.340	17.100	-	-	≥500.0
2437	18.420	18.060	-	-	≥500.0
2442	19.020	19.080	-	-	≥500.0
2472	19.020	18.900	-	-	≥500.0

Table 44 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	18.840	18.840	-	-	-
2437	18.900	18.960	-	-	-
2442	19.140	19.140	-	-	-
2472	18.960	18.960	-	-	-

Table 45 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	16.380	16.080	-	-	≥500.0
2437	16.980	17.340	-	-	≥500.0
2442	17.700	17.760	-	-	≥500.0
2472	17.700	17.700	-	-	≥500.0

Table 46 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	17.640	17.520	-	-	-
2437	17.760	17.760	-	-	-
2442	17.880	17.880	-	-	-
2472	17.640	17.640	-	-	-

Table 47 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	17.040	16.500	-	-	≥500.0
2437	18.480	18.660	-	-	≥500.0
2442	19.080	19.020	-	-	≥500.0
2472	19.080	19.080	-	-	≥500.0

Table 48 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	18.840	18.780	-	-	-
2437	18.960	18.960	-	-	-
2442	19.080	19.080	-	-	-
2472	18.960	19.020	-	-	-

Table 49 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.11.8.1
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	16.140	16.380	-	-	≥500.0
2432	16.440	16.140	-	-	≥500.0
2442	17.700	17.760	-	-	≥500.0
2472	17.700	17.400	-	-	≥500.0

Table 50 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	17.700	17.700	-	-	-
2432	17.580	17.640	-	-	-
2442	17.880	17.880	-	-	-
2472	17.640	17.640	-	-	-

Table 51 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 6.3.1 (a)	Test Method(s):	C63.10 6.9.3 C63.11.8.1
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	17.340	17.100	-	-	≥500.0
2437	18.420	18.240	-	-	≥500.0
2442	19.020	19.140	-	-	≥500.0
2472	18.840	19.020	-	-	≥500.0

Table 52 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	18.840	18.840	-	-	-
2437	18.840	18.960	-	-	-
2442	19.140	19.140	-	-	-
2472	18.960	18.960	-	-	-

Table 53 - 99% Bandwidth Results

FCC 47 CFR Part 15, Limit Clause 15.247(a)(2) and ISSED RSS-247, Clause 6.3.1(a)

The minimum 6 dB bandwidth shall be at least 500 kHz.



2.2.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14 and RF Laboratory 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	5759	12	05-Mar-2027
USB Power Sensor	Boonton	RTP5008	5830	12	05-Mar-2027
USB Power Sensor	Boonton	RTP5008	5832	12	05-Mar-2027
MXA Signal Analyser	Keysight Technologies	N9020B	5919	24	31-Mar-2027
Digital Multimeter	Fluke	115	6147	12	03-Jun-2027
Humidity and Temperature Meter	R.S Components	1364	6346	12	31-Mar-2027
Climatic Chamber	Weiss Technik	ClimeEvent C/340/70a/3	6386	12	Class 1 (Int)
MXA Signal Analyzer	Keysight Technologies	N9020B	6416	24	07-May-2027
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6518	12	25-Feb-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6529	12	25-Feb-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6530	12	25-Feb-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6531	12	25-Feb-2027
USB Wideband Power Sensor	Boonton	RTP5008	6587	12	25-Feb-2027
USB Wideband Power Sensor	Boonton	RTP5008	6588	12	25-Feb-2027
USB Wideband Power Sensor	Boonton	RTP5008	6589	12	25-Feb-2027
USB Wideband Power Sensor	Boonton	RTP5008	6592	12	05-Mar-2027
AC Programmable Power Supply	iTech	IT7324	6662	-	O/P Mon
DC Power Module	Keysight Technologies	N6754A	6663	-	O/P Mon
Modular Power System Mainframe	Keysight Technologies	N6701C	6664	-	O/P Mon
Digital Thermometer	R.S Components	RS 5511	6739	12	02-Mar-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6903	12	05-Mar-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6904	12	05-Mar-2027
6dB Attenuator cable assembly for SCU.	TUV SUD	SPECTRUM_SCU_CA	7214	12	05-Mar-2027

Table 54

O/P Mon - Output Monitored using calibrated equipment



2.3 Maximum Conducted Output Power

2.3.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.247 (b)(3)
ISED RSS-247, Clause 6.3.2
ISED RSS-GEN, Clause 6.12

2.3.2 Equipment Under Test and Modification State

A3375, S/N: CH6Q14YF9N - Modification State 0
A3375, S/N: CX4D4WHY7Q - Modification State 0

2.3.3 Date of Test

04-September-2026 & 23-September-2026

2.3.4 Test Method

The test was performed in accordance with ANSI C63.10 clause 11.9.2.3.2 Method AVGPM-G.

SISO conducted powers and antenna gains on individual ports differ, resulting in differences in the EIRP per core.

MIMO output port summing was performed in accordance with KDB 662911 D01.

For the CDD results the directional gain was calculated using clause F)2)f)(ii) required for CDD with unequal antenna gains with equal transmit powers. The first F)2)f)(ii) option was taken to calculate using the equation from clause F)2)f)(i) for equal antenna gains but using the highest individual gain. Since the EUT is an 802.11 device with NANTS < 4, this resulted in a total directional gain of the highest individual antenna gain plus an array gain of zero. This resulted in the formula reducing to:

CDD Directional Gain = Highest of the two individual gains

SDM uses 2 uncorrelated spatial streams. For SDM modes Directional Gain was hence calculated in accordance with clause F)2)d)(ii) for completely uncorrelated signals with unequal antenna gains and equal transmit powers. The formula therefore reduced to:

SDM Directional Gain = $10 \cdot \log((10^{(G1/10)} + 10^{(G2/10)})/2)$

TxBF uses 1 spatial stream over 2 transmit cores. Therefore the signal was correlated and the gain was calculated in accordance with clause F)2)d)(i) for correlated signals with unequal antenna gains and equal transmit powers. The formula reduces to:

TxBF Directional Gain = $10 \cdot \log((10^{(G1/20)} + 10^{(G2/20)})^{2/2})$

These result in the following gain calculation for output power:

Frequency Range (MHz)	Core 0 Peak Gain (dBi)	Core 1 Peak Gain (dBi)	CDD Directional Gain (Wideband) (dBi)	SDM Gain (dBi)	TxBF Gain (dBi)
2400 to 2480	4.9	5.3	5.3	5.1	8.1

Table 55 **Peak Antenna Gains (Power)**



2.3.5 Environmental Conditions

Ambient Temperature 21.5 - 23.0 °C
Relative Humidity 44.8 - 54.8 %

2.3.6 Test Results

2.4 GHz WLAN

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11b	Duty Cycle (%):	98.6
Data Rate:	1 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.10
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2412	19.28	-	-	-	-	30.00	-10.72
2427	20.33	-	-	-	-	30.00	-9.67
2442	19.83	-	-	-	-	30.00	-10.17
2472	15.56	-	-	-	-	30.00	-14.44

Table 56 - FCC Maximum Conducted (average) Output Power Results

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	A	B	C	D	Σ					
2412	19.28	-	-	-	-	30.00	-10.72	23.38	36.00	-12.62
2427	20.33	-	-	-	-	30.00	-9.67	24.43	36.00	-11.57
2442	19.83	-	-	-	-	30.00	-10.17	23.93	36.00	-12.07
2472	15.56	-	-	-	-	30.00	-14.44	19.66	36.00	-16.34

Table 57 - ISSED Maximum Conducted (average) Output Power Results