

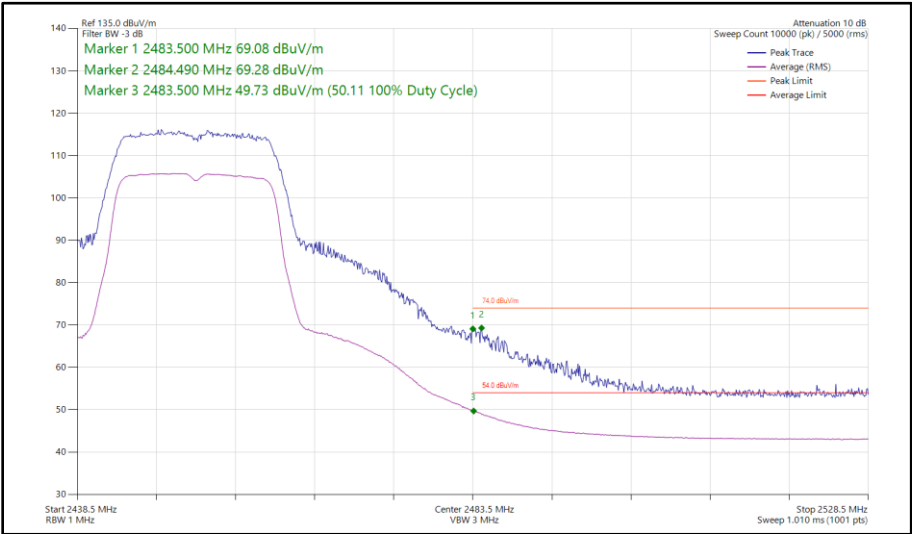


Figure 72 - 802.11n HT20, SISO, Core 1 - 2452 MHz
Band Edge Frequency 2483.5 MHz

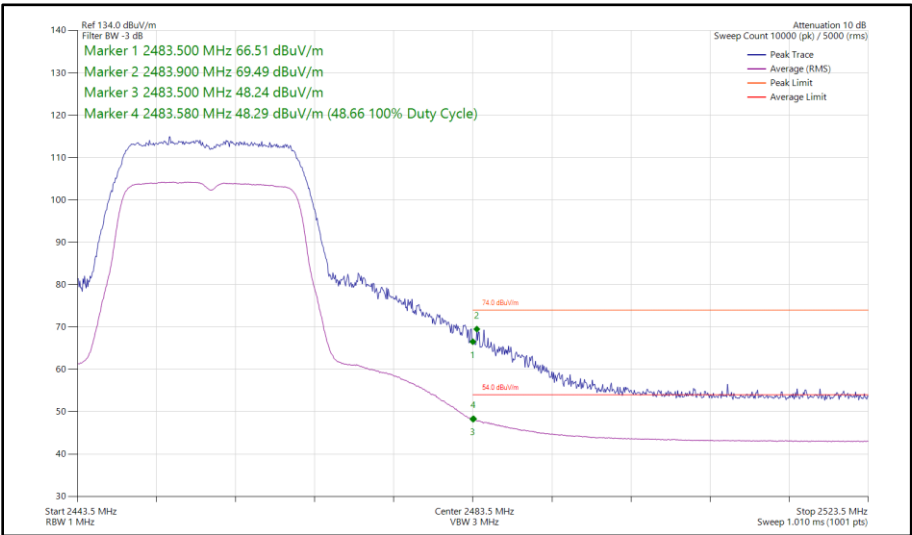
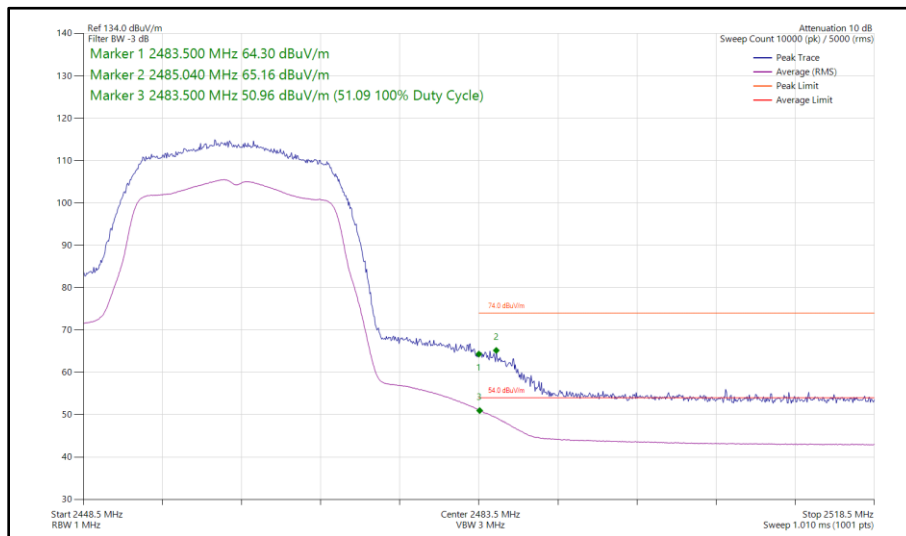
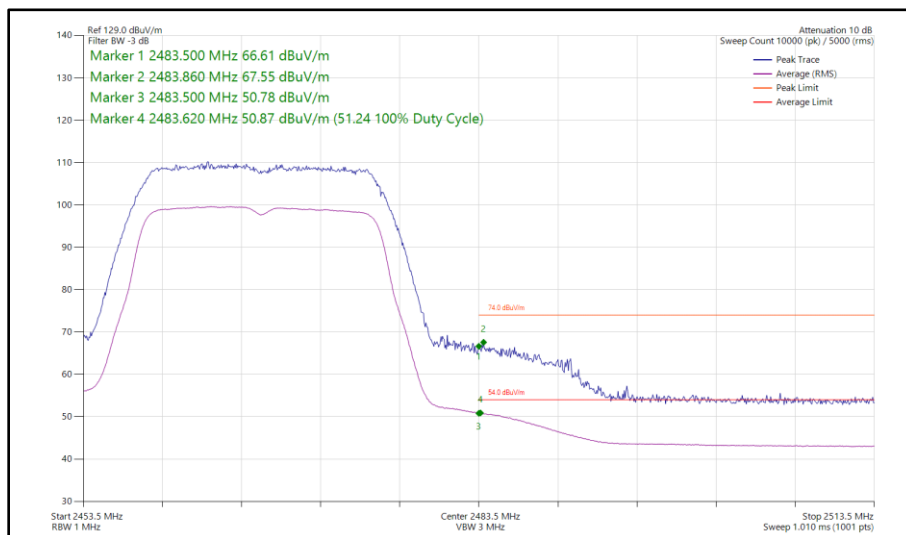


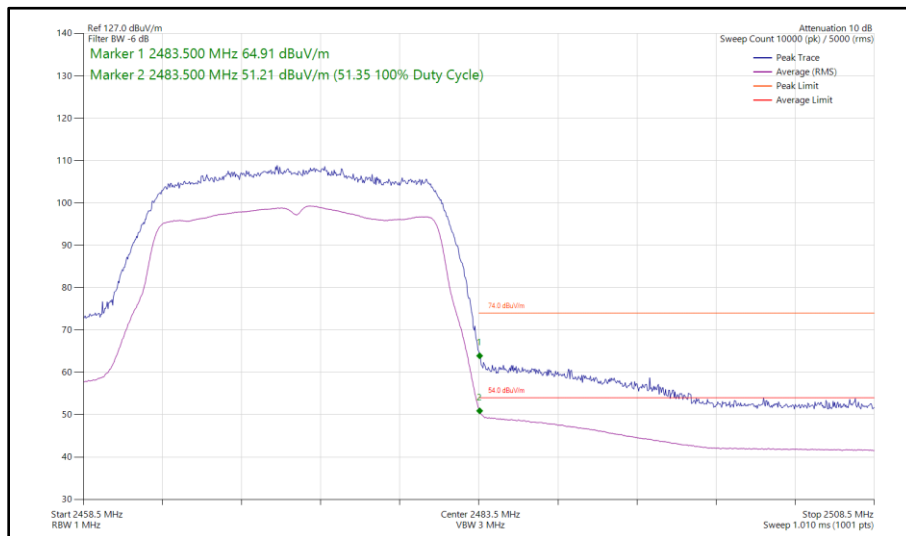
Figure 73 - 802.11n HT20, SISO, Core 1 - 2457 MHz
Band Edge Frequency 2483.5 MHz



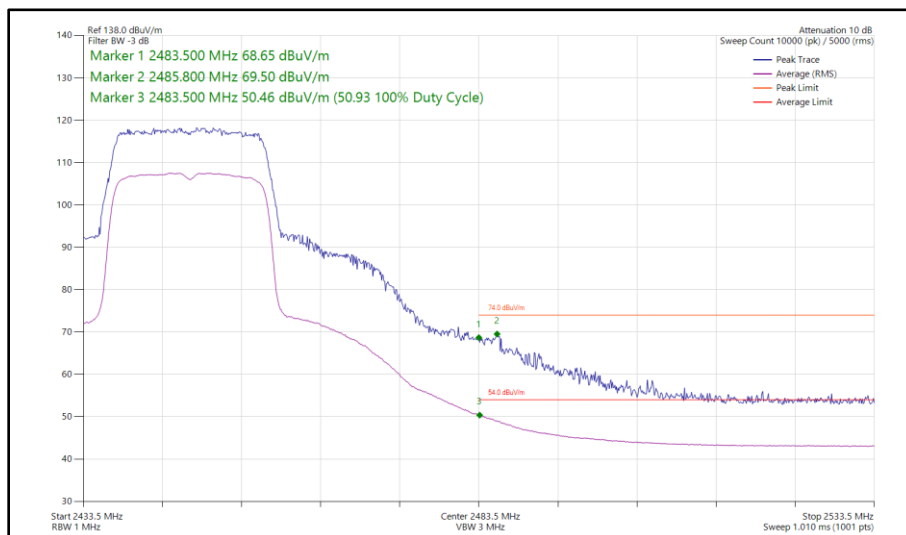
**Figure 74 - 802.11n HT20, SISO, Core 1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



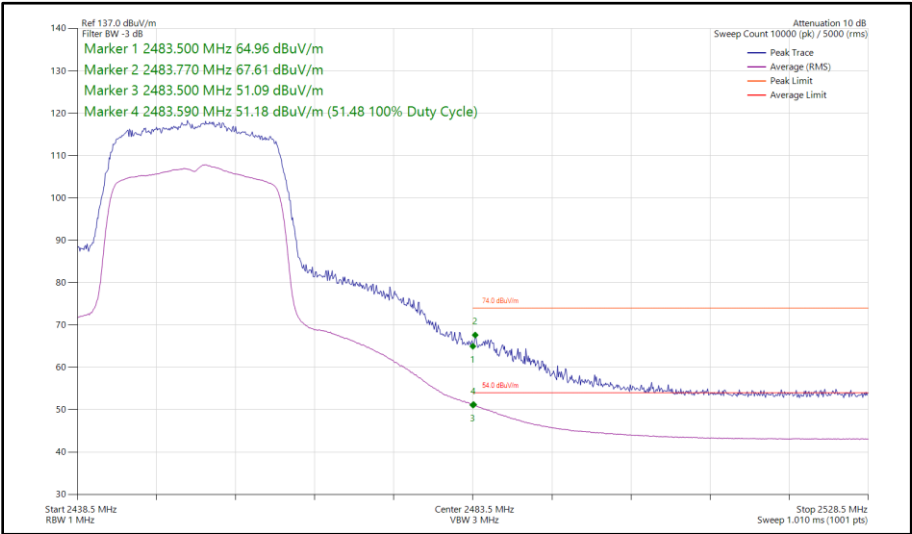
**Figure 75 - 802.11n HT20, SISO, Core 1 - 2467 MHz
Band Edge Frequency 2483.5 MHz**



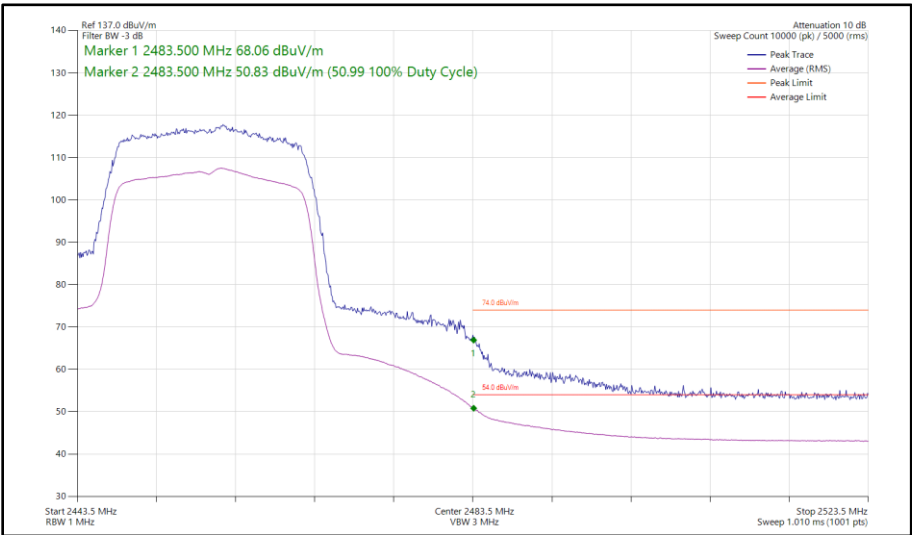
**Figure 76 - 802.11n HT20, SISO, Core 1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 77 - 802.11ax HE20, SU, SISO, Core 1 - 2447 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 78 - 802.11ax HE20, SU, SISO, Core 1 - 2452 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 79 - 802.11ax HE20, SU, SISO, Core 1 - 2457 MHz
Band Edge Frequency 2483.5 MHz**

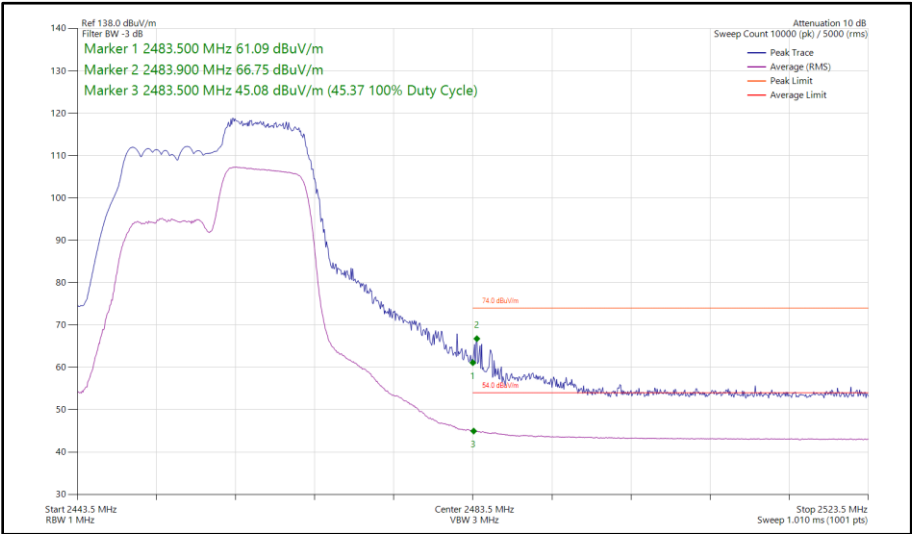


Figure 80 - 802.11ax HE20, RU 106-54, SISO, Core 1 - 2457 MHz
Band Edge Frequency 2483.5 MHz

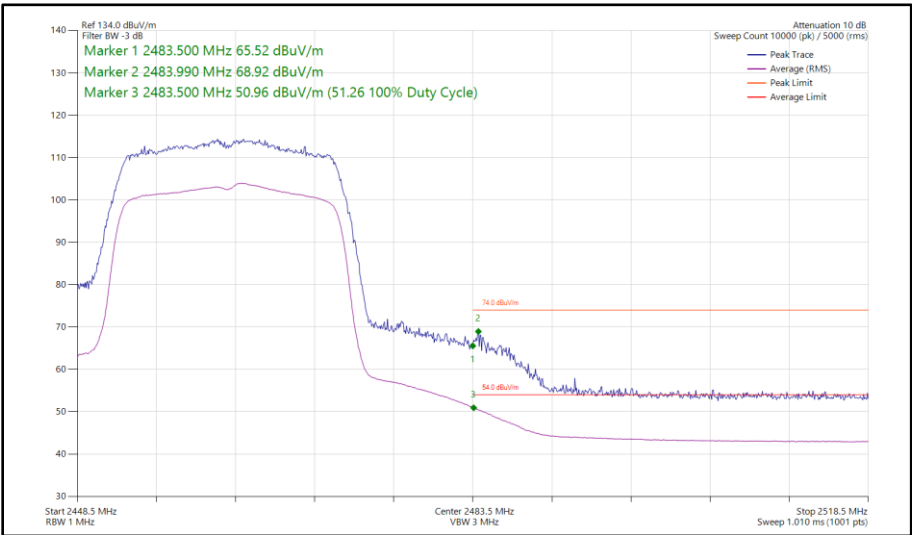
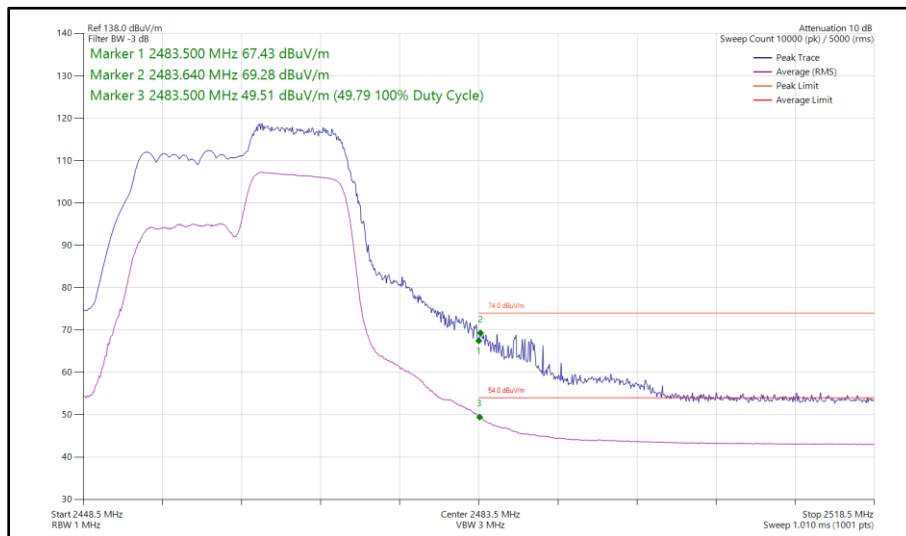
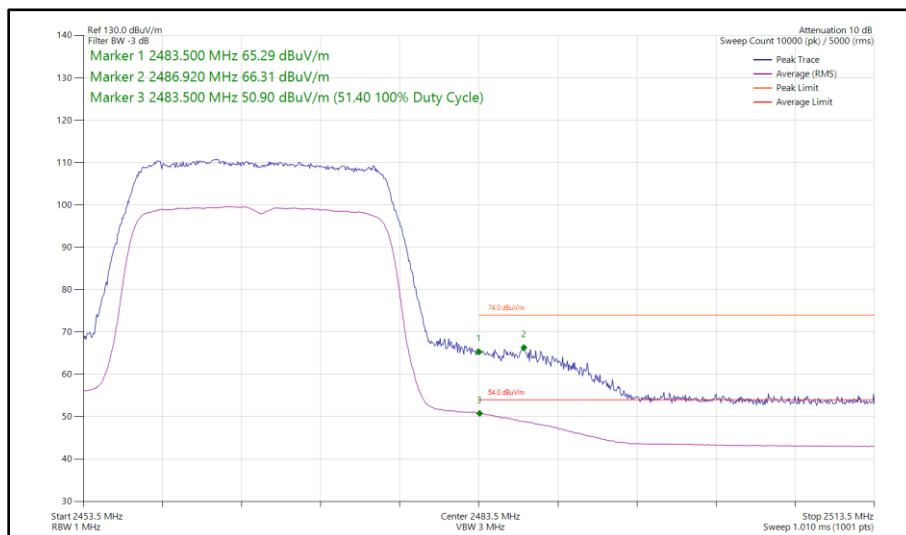


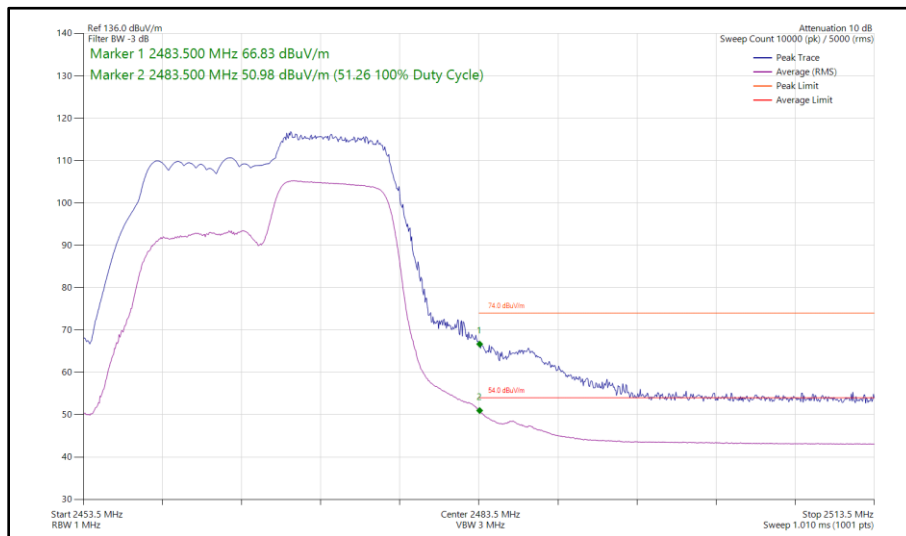
Figure 81 - 802.11ax HE20, SU, SISO, Core 1 - 2462 MHz
Band Edge Frequency 2483.5 MHz



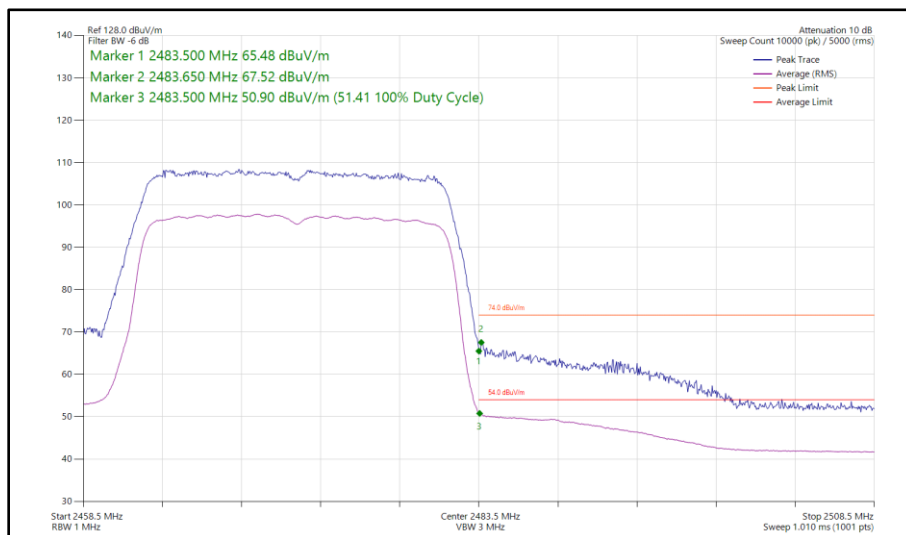
**Figure 82 - 802.11ax HE20, RU 106-54, SISO, Core 1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



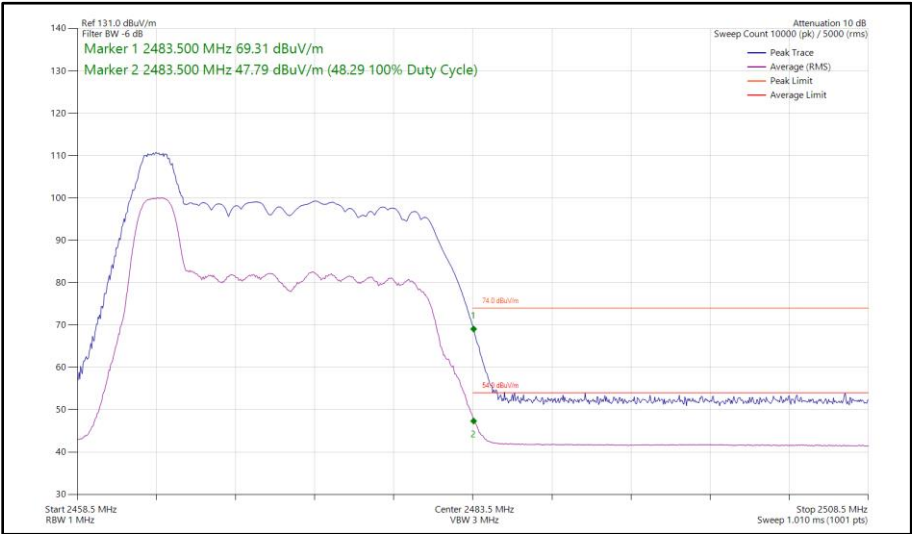
**Figure 83 - 802.11ax HE20, SU, SISO, Core 1 - 2467 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 84 - 802.11ax HE20, RU 106-54, SISO, Core 1 - 2467 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 85 - 802.11ax HE20, SU, SISO, Core 1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



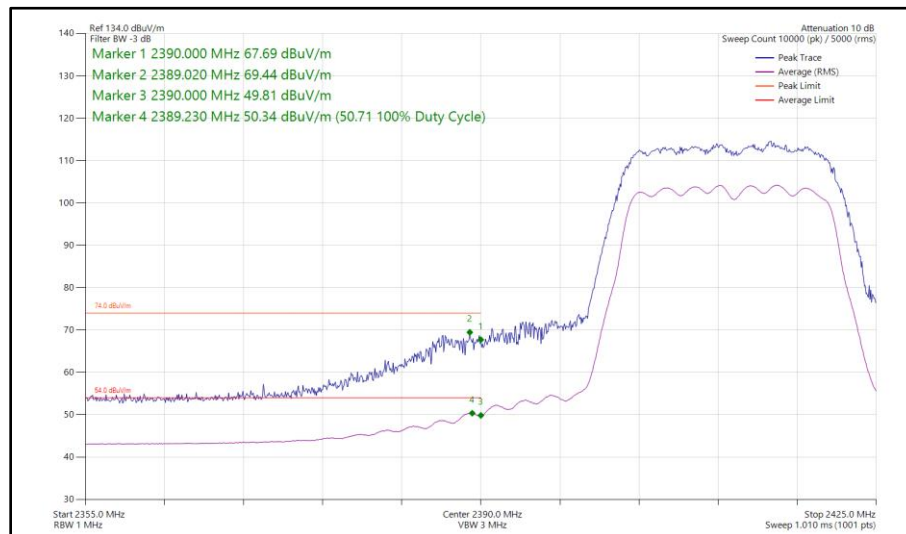
**Figure 86 - 802.11ax HE20, RU 26-0, SISO, Core 1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



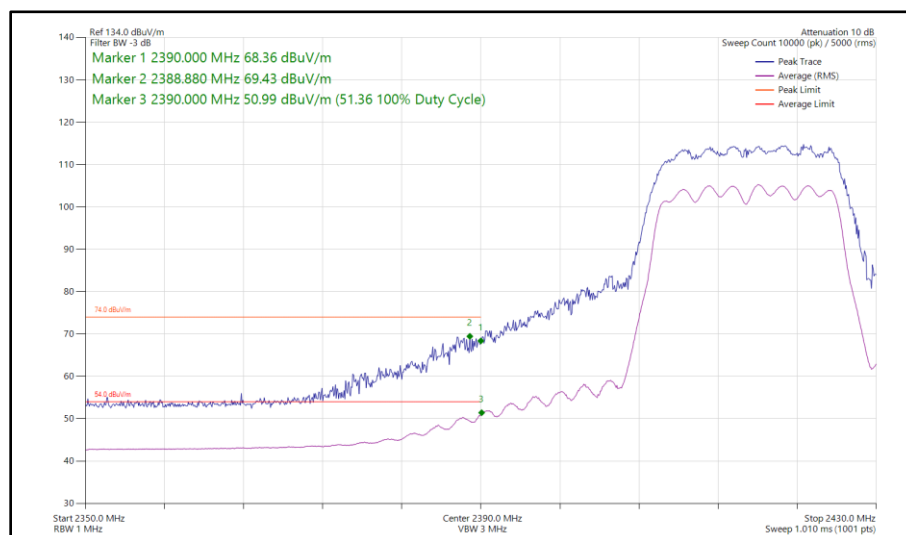
20 MHz Bandwidth - Core 0 - Core 1 (CDD)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11n HT20	MCS 7	-	-	2412	2390	69.44	50.71
802.11n HT20	MCS 7	-	-	2417	2390	69.43	51.36
802.11n HT20	MCS 4	-	-	2422	2390	69.27	51.34
802.11n HT20	MCS 7	-	-	2427	2390	69.19	50.97
802.11n HT20	MCS 7	-	-	2432	2390	69.48	49.89
802.11ax HE20	MCS 2x1	SU	-	2412	2390	64.01	51.44
802.11ax HE20	MCS 9x1	106	54	2412	2390	69.47	48.89
802.11ax HE20	MCS 2x1	SU	-	2417	2390	63.17	51.16
802.11ax HE20	MCS 9x1	106	53	2417	2390	62.89	45.74
802.11ax HE20	MCS 4x1	SU	-	2422	2390	67.09	51.36
802.11ax HE20	MCS 9x1	106	53	2422	2390	61.20	44.95
802.11ax HE20	MCS 4x1	SU	-	2427	2390	69.45	50.64
802.11ax HE20	MCS 9x1	SU	-	2432	2390	68.87	49.93
802.11n HT20	MCS 7	-	-	2452	2483.5	69.17	50.25
802.11n HT20	MCS 7	-	-	2457	2483.5	68.60	50.84
802.11n HT20	MCS 7	-	-	2462	2483.5	67.72	51.44
802.11n HT20	MCS 7	-	-	2467	2483.5	66.75	51.34
802.11n HT20	MCS 7	-	-	2472	2483.5	65.72	51.49
802.11ax HE20	MCS 4x1	SU	-	2452	2483.5	67.20	51.08
802.11ax HE20	MCS 2x1	SU	-	2457	2483.5	66.94	51.50
802.11ax HE20	MCS 9x1	106	54	2457	2483.5	64.01	46.60
802.11ax HE20	MCS 4x1	SU	-	2462	2483.5	68.65	51.45
802.11ax HE20	MCS 9x1	106	54	2462	2483.5	68.93	49.50
802.11ax HE20	MCS 2x1	SU	-	2467	2483.5	62.94	51.44
802.11ax HE20	MCS 9x1	106	53	2467	2483.5	68.96	51.43
802.11ax HE20	MCS 2x1	SU	-	2472	2483.5	67.40	51.41
802.11ax HE20	MCS 9x1	52	40	2472	2483.5	69.43	49.50

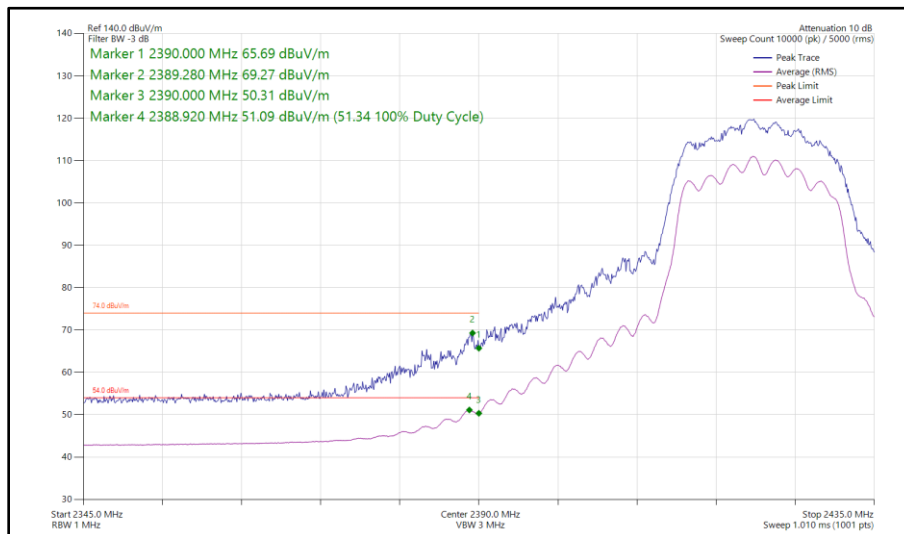
Table 9 - CDD Restricted Band Edge Results



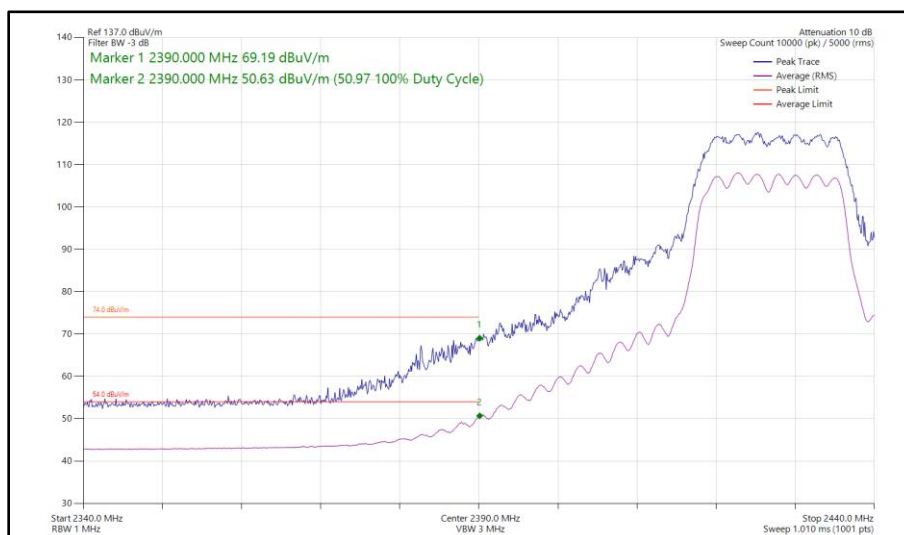
**Figure 87 - 802.11n HT20, CDD, Core 0 - Core 1 - 2412 MHz
Band Edge Frequency 2390 MHz**



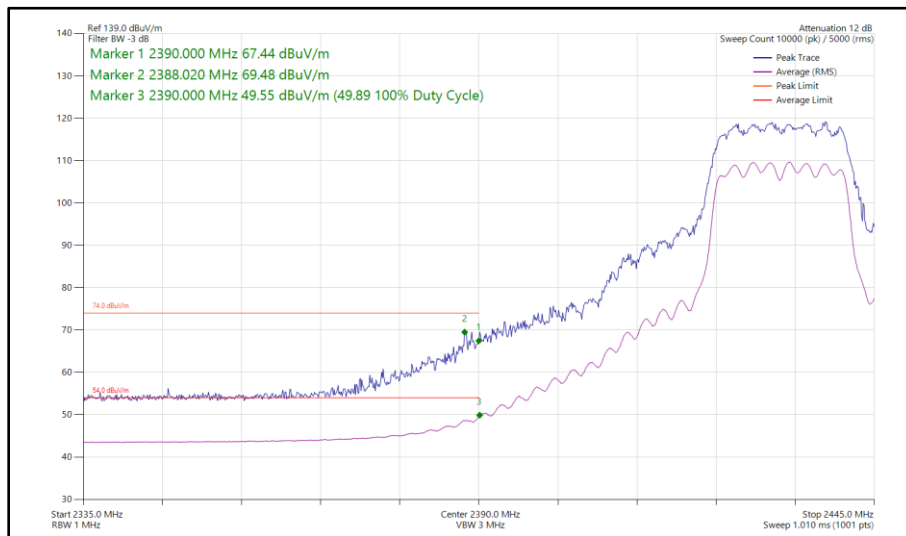
**Figure 88 - 802.11n HT20, CDD, Core 0 - Core 1 - 2417 MHz
Band Edge Frequency 2390 MHz**



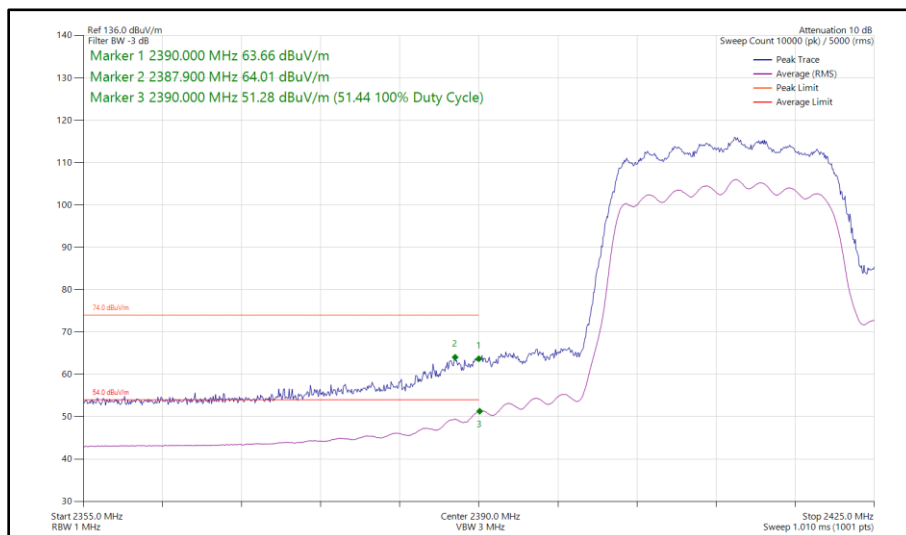
**Figure 89 - 802.11n HT20, CDD, Core 0 - Core 1 - 2422 MHz
Band Edge Frequency 2390 MHz**



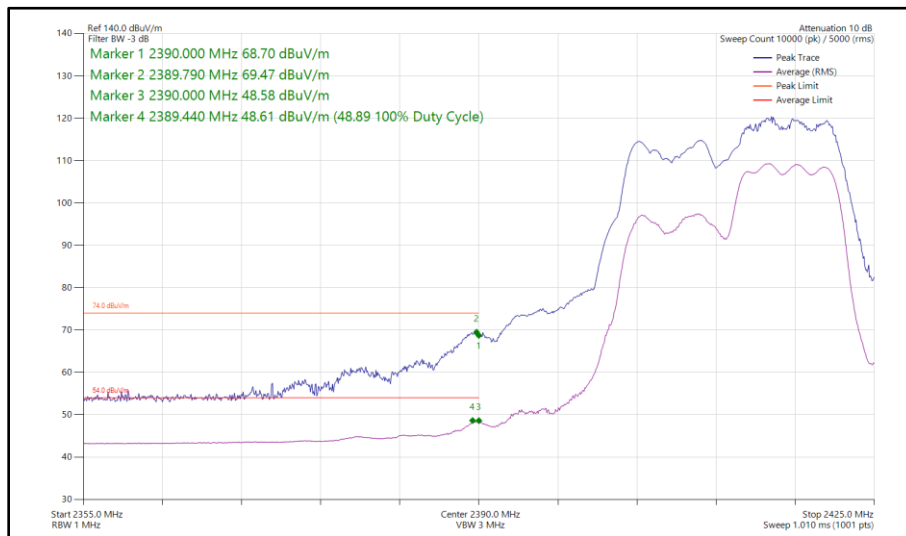
**Figure 90 - 802.11n HT20, CDD, Core 0 - Core 1 - 2427 MHz
Band Edge Frequency 2390 MHz**



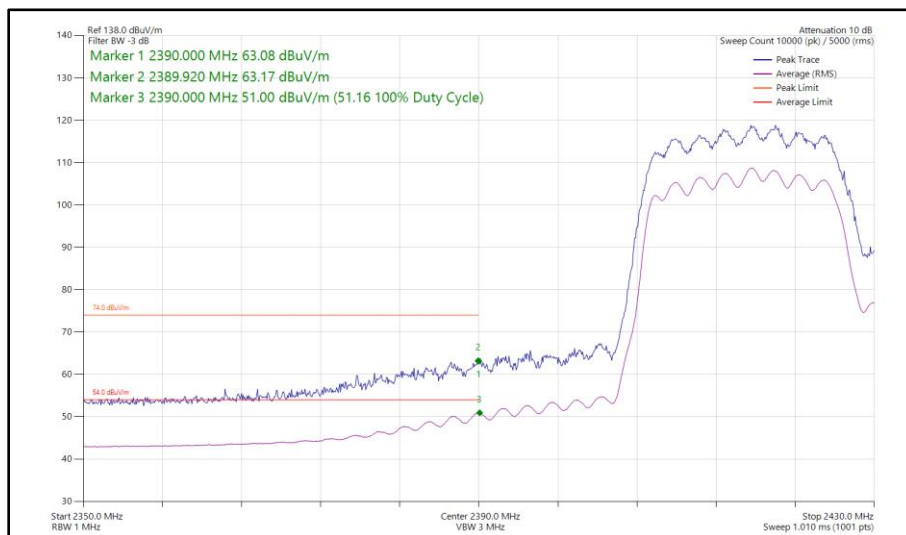
**Figure 91 - 802.11n HT20, CDD, Core 0 - Core 1 - 2432 MHz
Band Edge Frequency 2390 MHz**



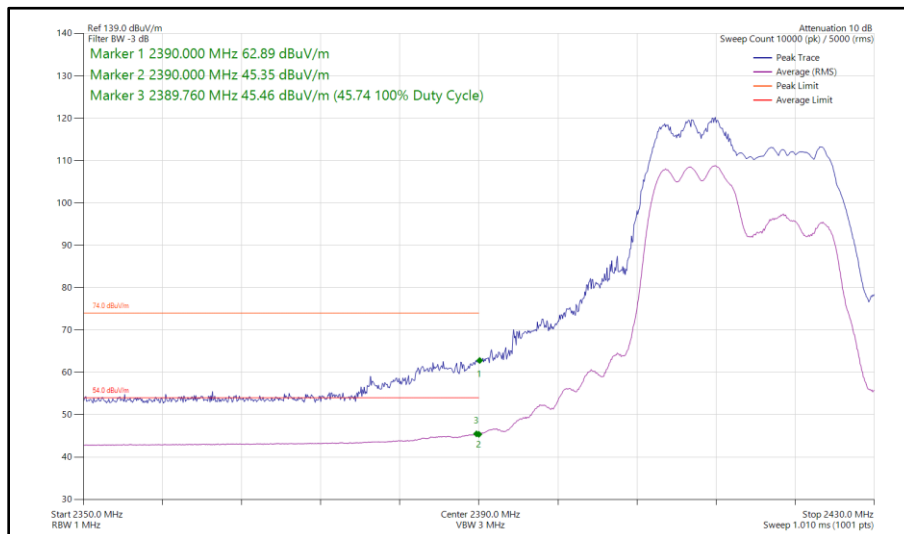
**Figure 92 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2412 MHz
Band Edge Frequency 2390 MHz**



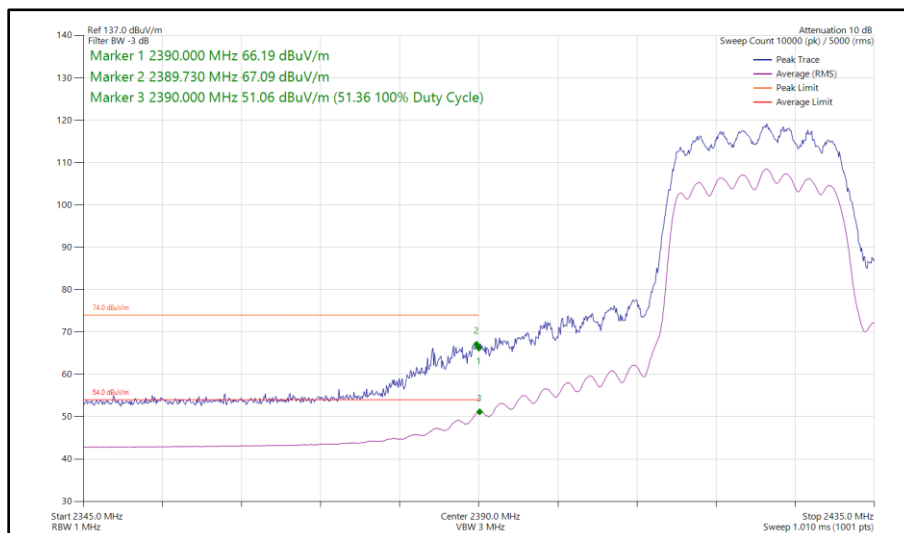
**Figure 93 - 802.11ax HE20, RU 106-54, CDD, Core 0 - Core 1 - 2412 MHz
Band Edge Frequency 2390 MHz**



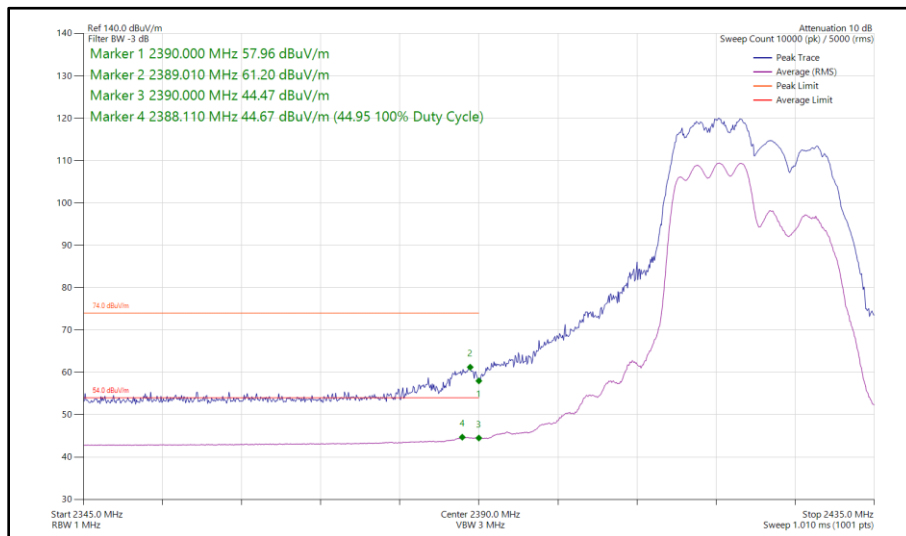
**Figure 94 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2417 MHz
Band Edge Frequency 2390 MHz**



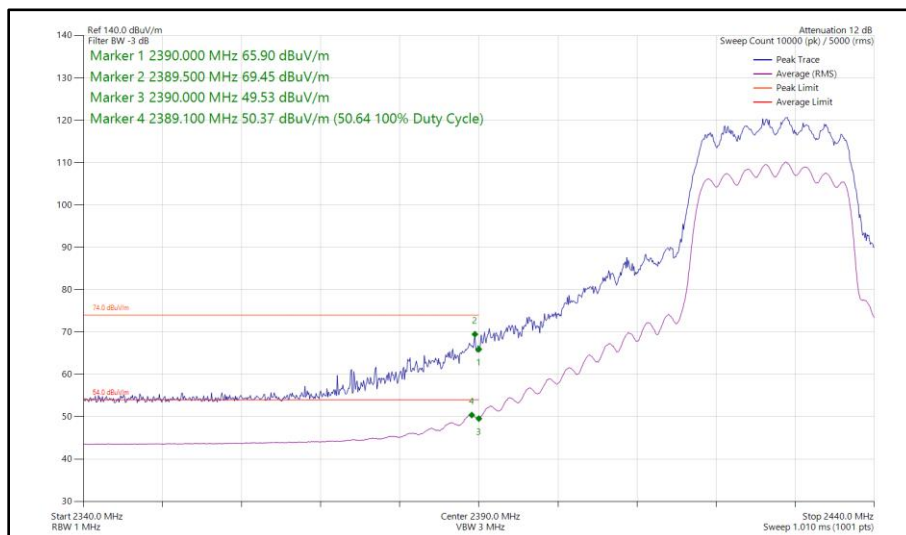
**Figure 95 - 802.11ax HE20, RU 106-53, CDD, Core 0 - Core 1 - 2417 MHz
Band Edge Frequency 2390 MHz**



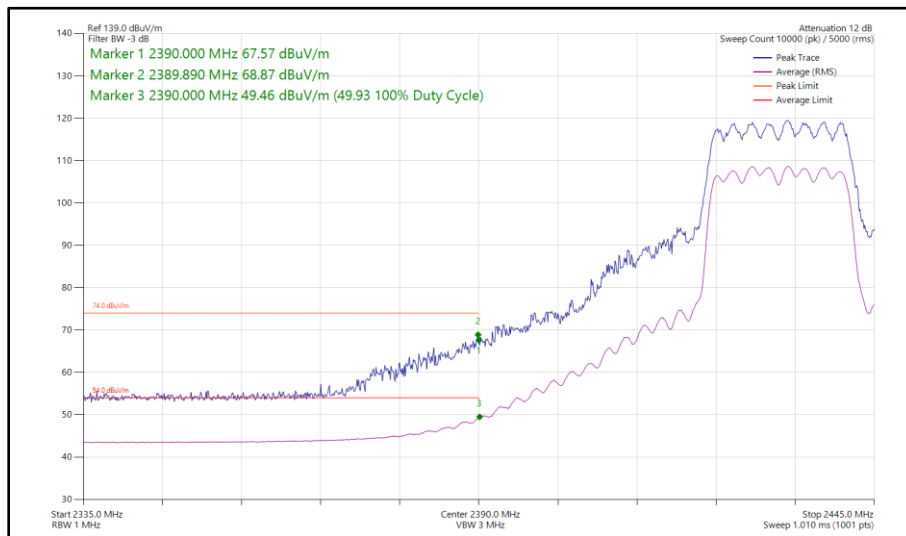
**Figure 96 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2422 MHz
Band Edge Frequency 2390 MHz**



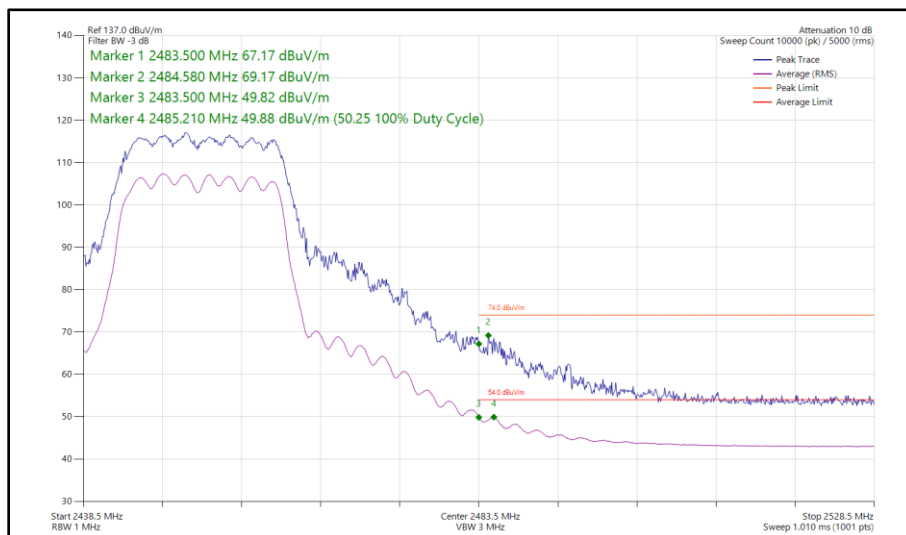
**Figure 97 - 802.11ax HE20, RU 106-53, CDD, Core 0 - Core 1 - 2422 MHz
Band Edge Frequency 2390 MHz**



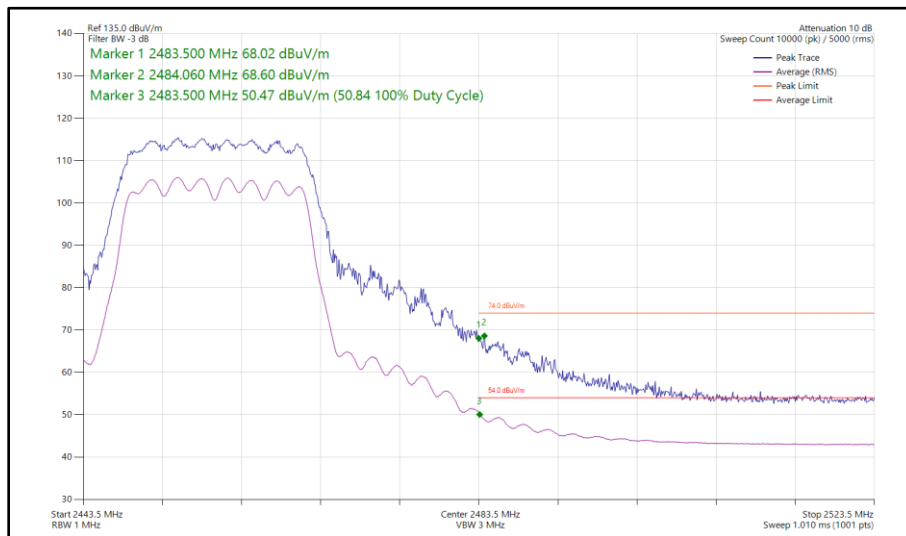
**Figure 98 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2427 MHz
Band Edge Frequency 2390 MHz**



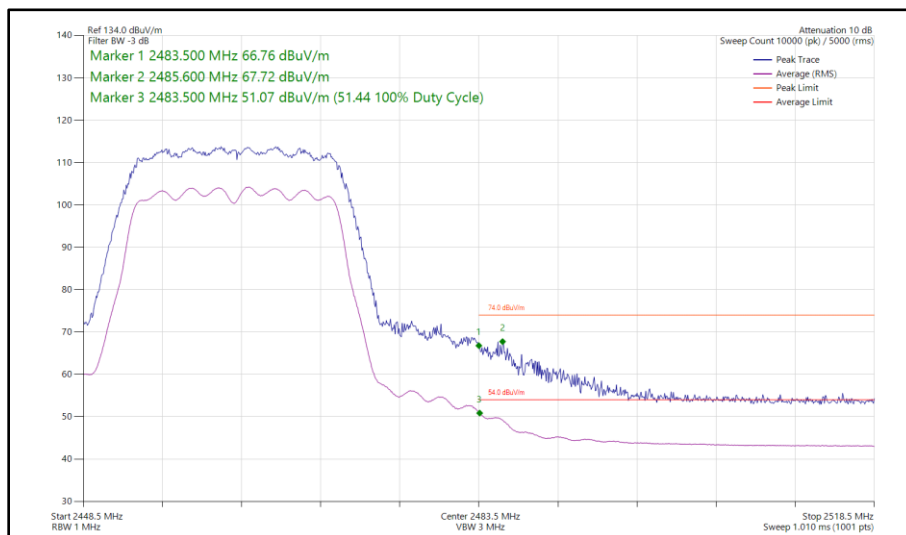
**Figure 99 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2432 MHz
Band Edge Frequency 2390 MHz**



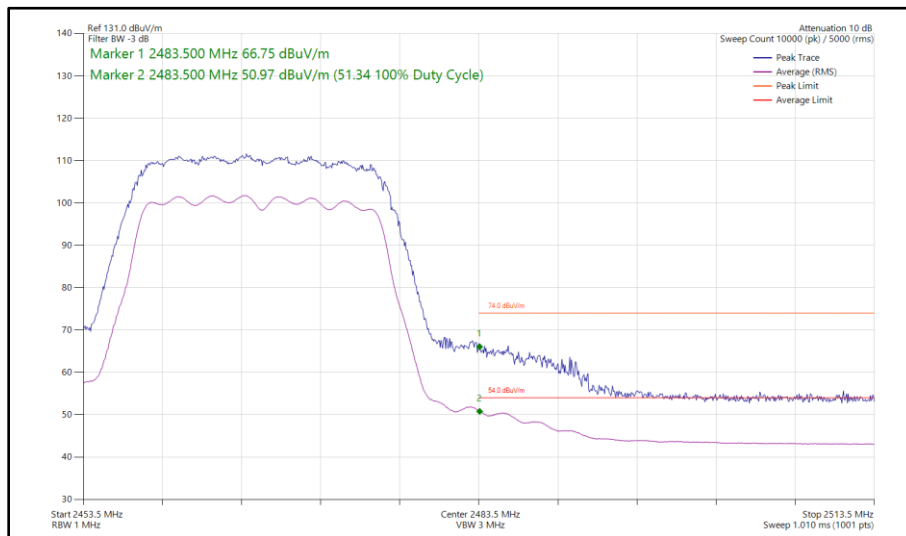
**Figure 100 - 802.11n HT20, CDD, Core 0 - Core 1 - 2452 MHz
Band Edge Frequency 2483.5 MHz**



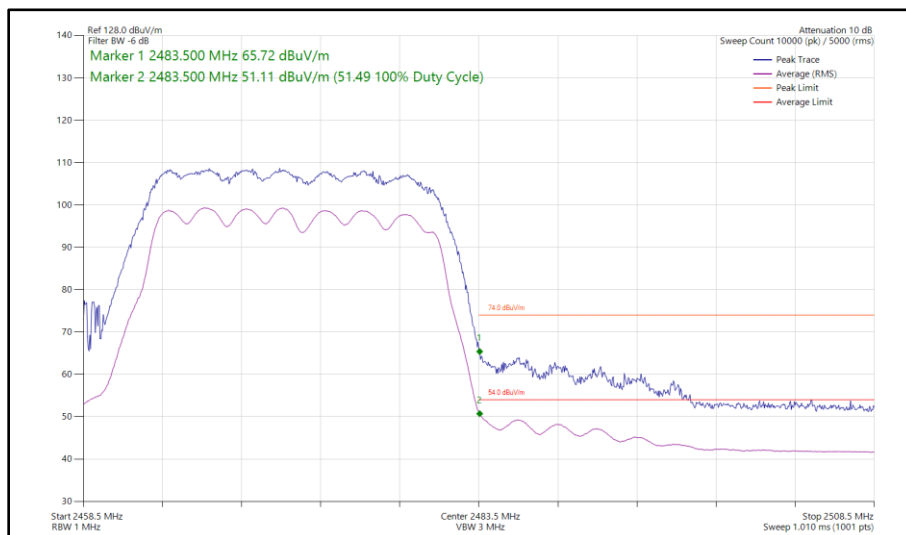
**Figure 101 - 802.11n HT20, CDD, Core 0 - Core 1 - 2457 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 102 - 802.11n HT20, CDD, Core 0 - Core 1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 103 - 802.11n HT20, CDD, Core 0 - Core 1 - 2467 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 104 - 802.11n HT20, CDD, Core 0 - Core 1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**

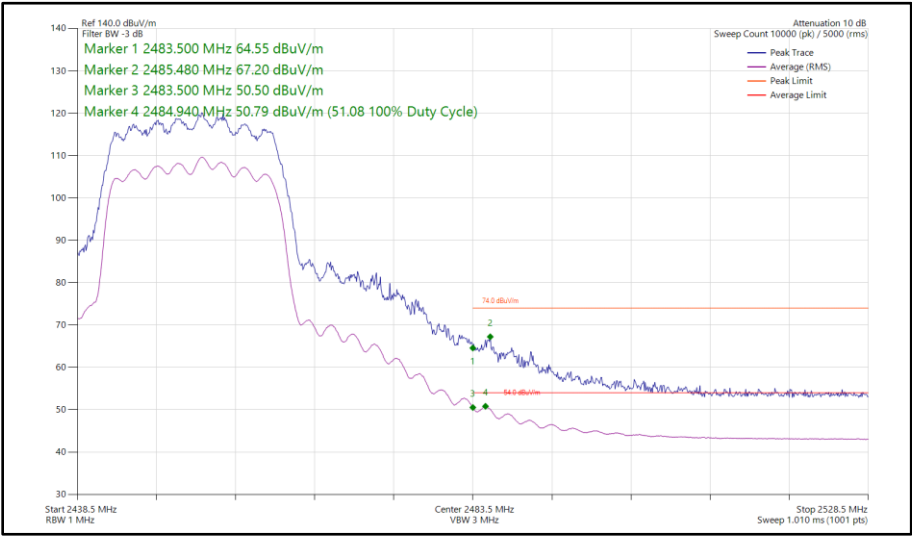


Figure 105 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2452 MHz
Band Edge Frequency 2483.5 MHz

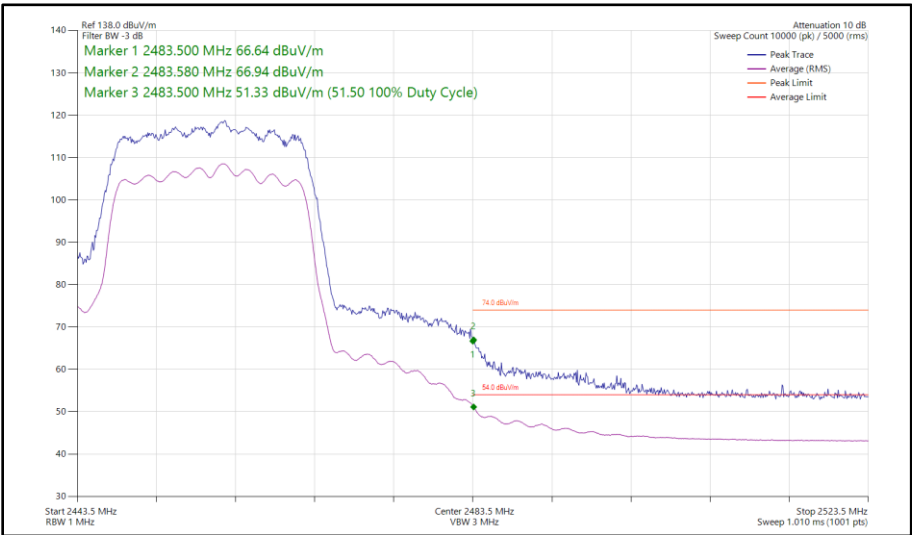
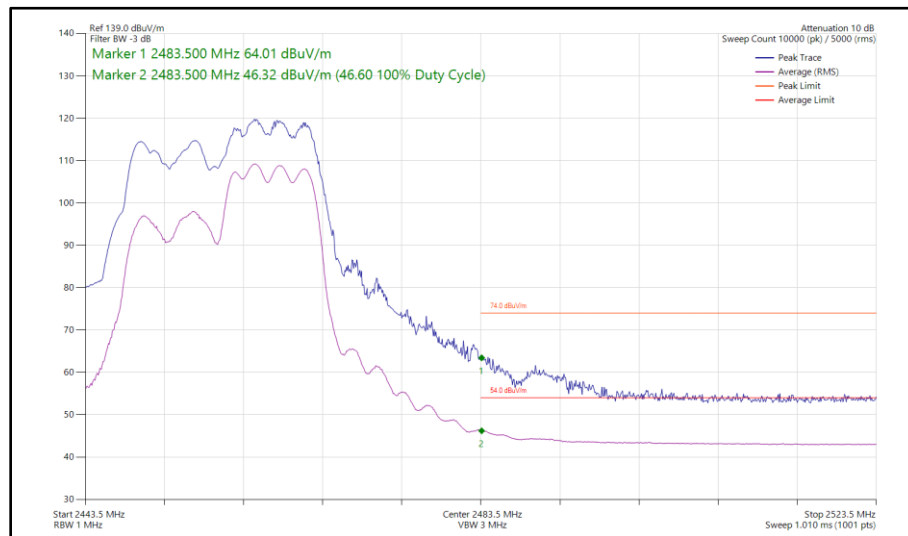
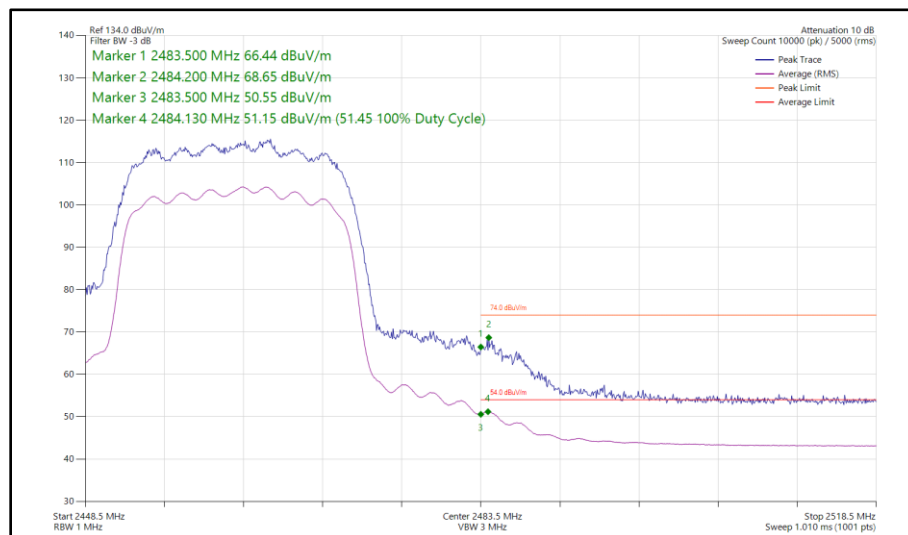


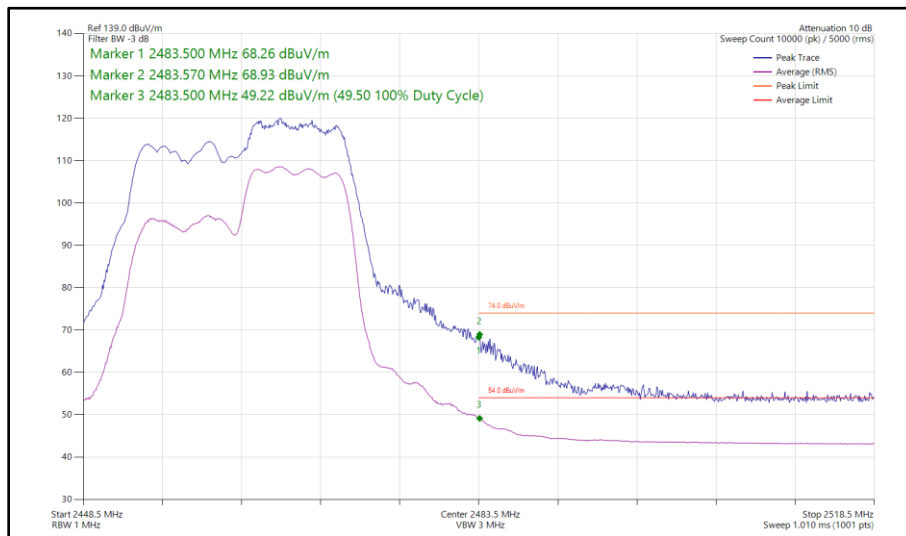
Figure 106 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2457 MHz
Band Edge Frequency 2483.5 MHz



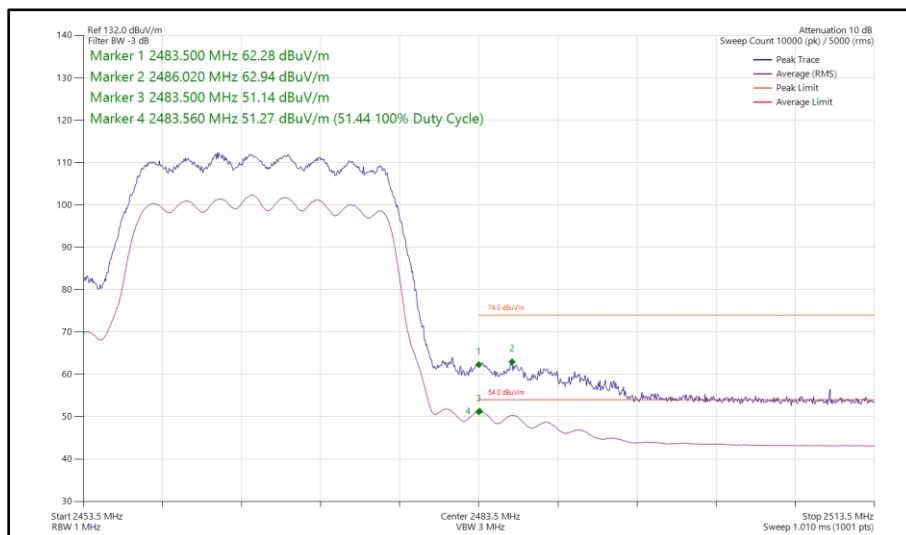
**Figure 107 - 802.11ax HE20, RU 106-54, CDD, Core 0 - Core 1 - 2457 MHz
Band Edge Frequency 2483.5 MHz**



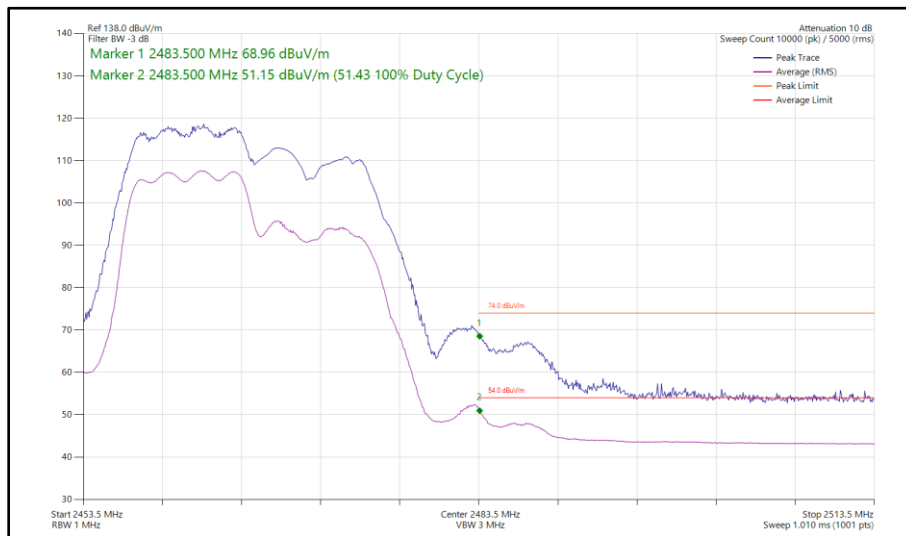
**Figure 108 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



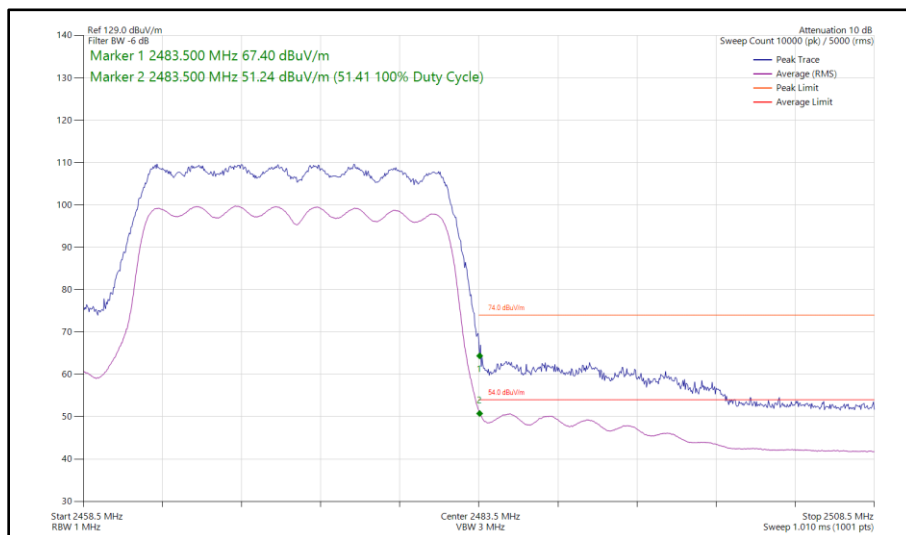
**Figure 109 - 802.11ax HE20, RU 106-54, CDD, Core 0 - Core 1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**



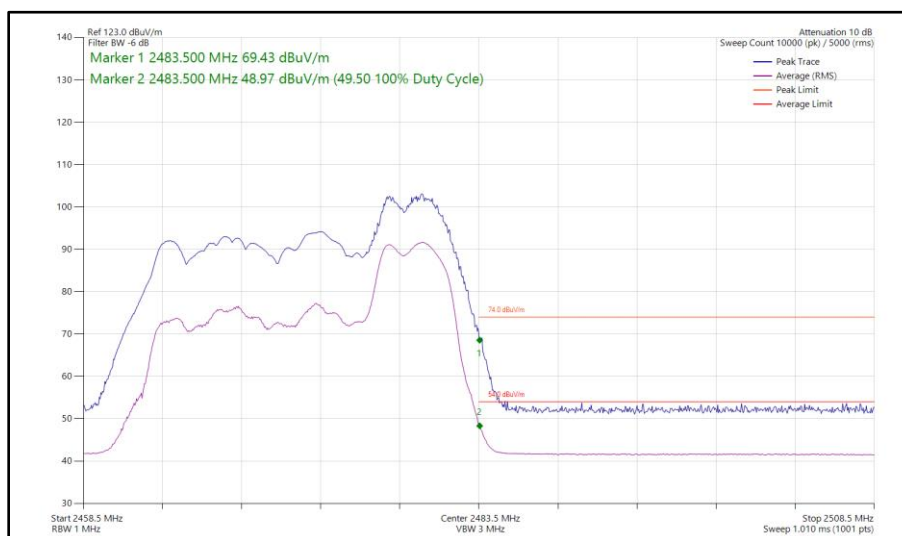
**Figure 110 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2467 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 111 - 802.11ax HE20, RU 106-53, CDD, Core 0 - Core 1 - 2467 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 112 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**



**Figure 113 - 802.11ax HE20, RU 52-40, CDD, Core 0 - Core 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 10

ISED RSS-GEN, Limit Clause 8.9

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 11

*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 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
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	O/P Mon
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	5997	12	14-Sep-2024
Cable (N to N 1m)	Junkosha	MWX221-01000AMSAMS/B	6009	12	05-Jun-2024
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6140	12	26-Aug-2024
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	26-Aug-2024
Digital Multimeter	Fluke	115	6147	12	16-Jun-2024
Humidity & Temperature meter	R.S Components	1364	6148	12	21-Jul-2024
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	18-Dec-2024
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6740	12	01-Feb-2025
6.5m Cable	Junkosha	MWX221-06500AMSAMS/B	6744	12	01-Feb-2025

Table 12

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment



2.2 Emission Bandwidth

2.2.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.247 (a)(2)
ISED RSS-247, Clause 5.2
ISED RSS-GEN, Clause 6.7

2.2.2 Equipment Under Test and Modification State

A3137, S/N: H6D001F73D - Modification State 0
A3137, S/N: G5022YM6RR - Modification State 0

2.2.3 Date of Test

20-June-2024 to 27-June-2024

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	20.7 °C
Relative Humidity	43.6 - 58.9 %

2.2.6 Test Results

2.4 GHz WLAN

SISO

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11b	8.640	9.120
802.11g	15.240	16.260
802.11n HT20	15.300	17.400
802.11ax HE20 SU	18.360	19.140

Table 13 - 6 dB Bandwidth Summary Results - SISO

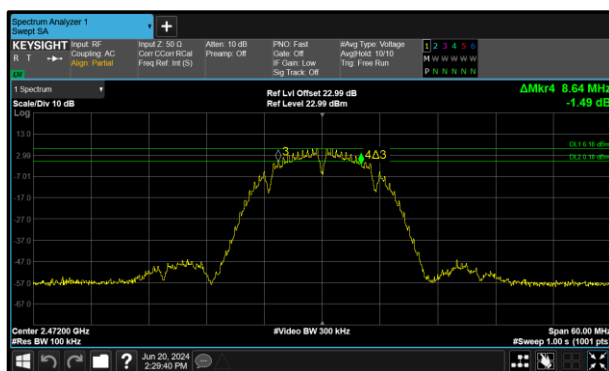


Figure 114 - 802.11b Minimum 6 dB EBW

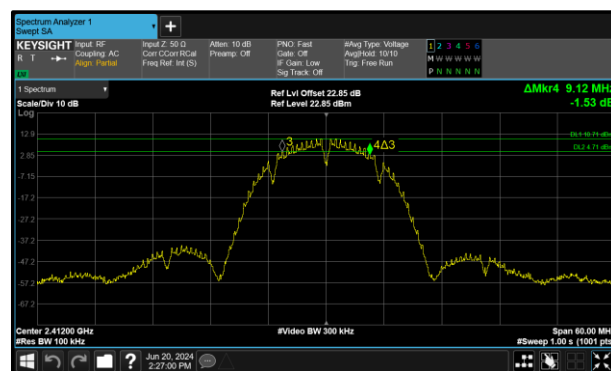


Figure 115 - 802.11b Maximum 6 dB EBW

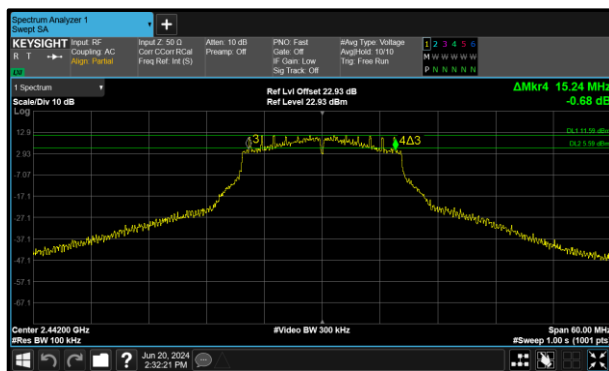


Figure 116 - 802.11g Minimum 6 dB EBW

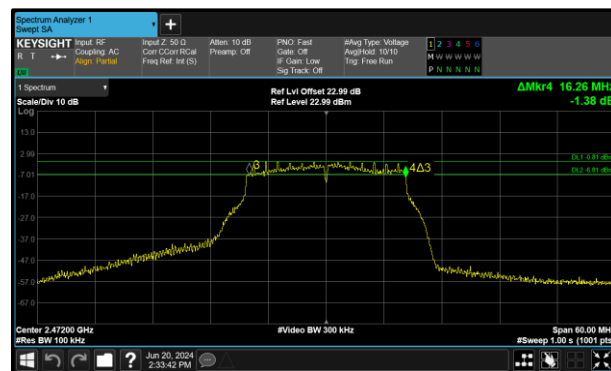


Figure 117 - 802.11g Maximum 6 dB EBW

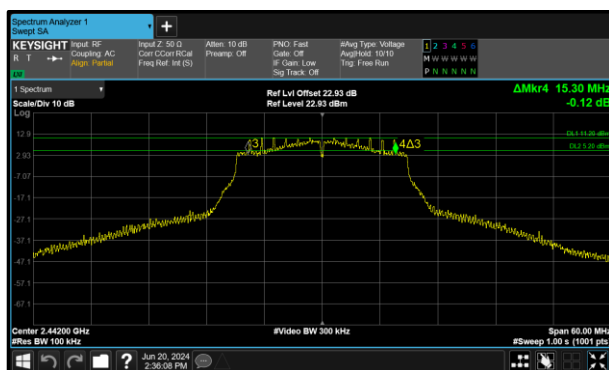


Figure 118 - 802.11n HT20 Minimum 6 dB EBW

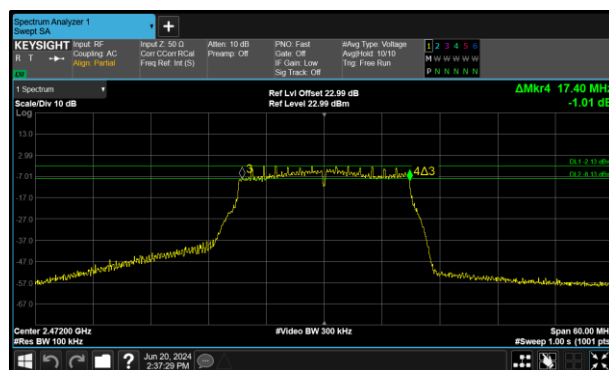


Figure 119 - 802.11n HT20 Maximum 6 dB EBW

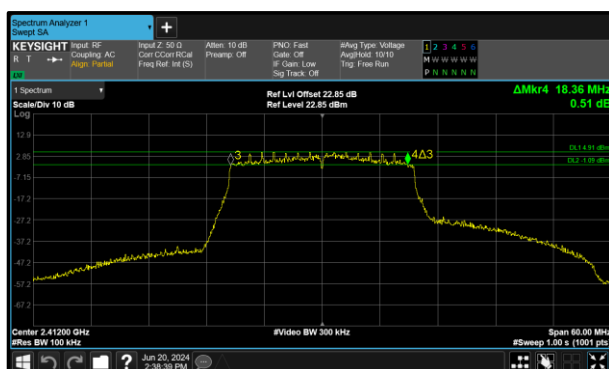


Figure 120 - 802.11ax HE20 SU Minimum 6 dB EBW

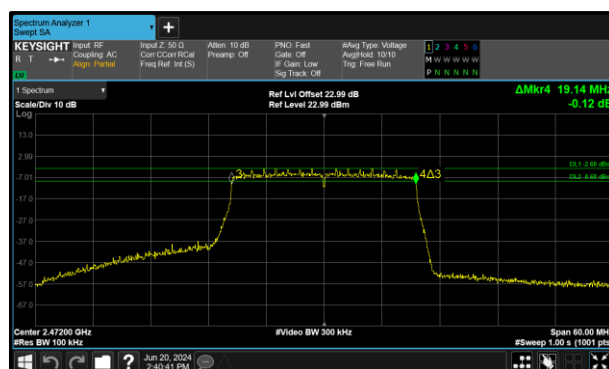


Figure 121 - 802.11ax HE20 SU Maximum 6 dB EBW

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11b	12.960	12.960
802.11g	16.380	16.620
802.11n HT20	17.580	17.760
802.11ax HE20 SU	18.900	18.960

Table 14 - 99% Bandwidth Summary Results - SISO

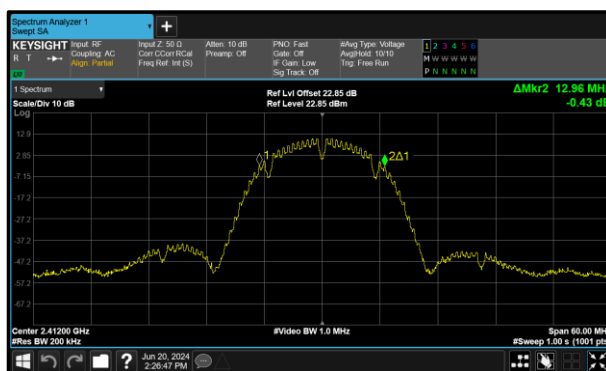


Figure 122 - 802.11b Minimum 99% OBW

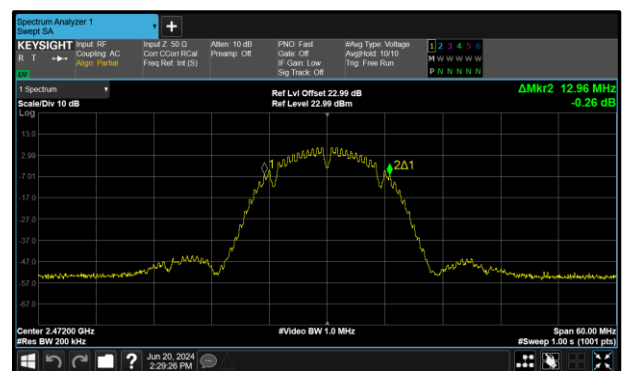


Figure 123 - 802.11b Maximum 99% OBW

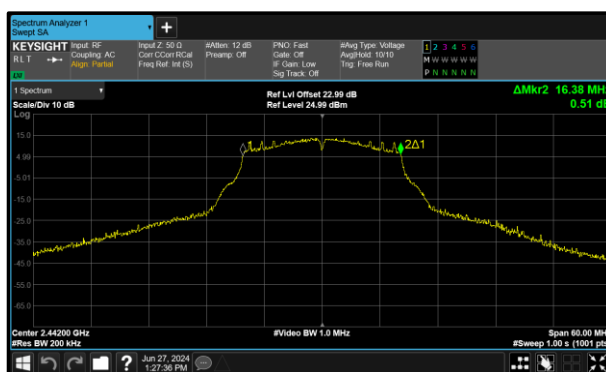


Figure 124 - 802.11g Minimum 99% OBW

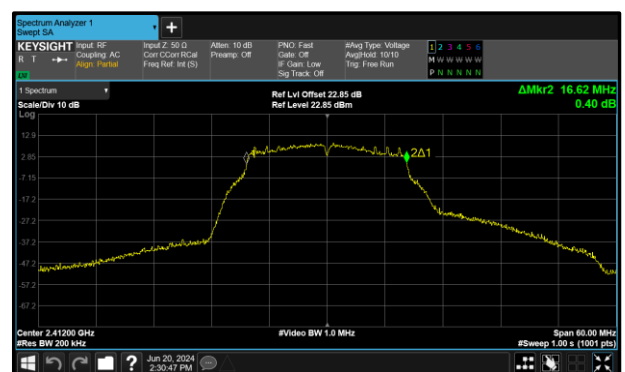


Figure 125 - 802.11g Maximum 99% OBW

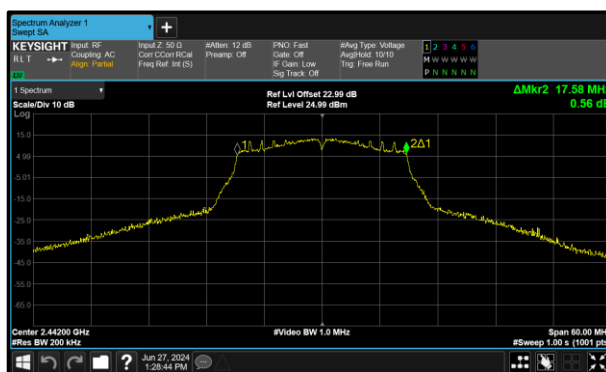


Figure 126 - 802.11n HT20 Minimum 99% OBW

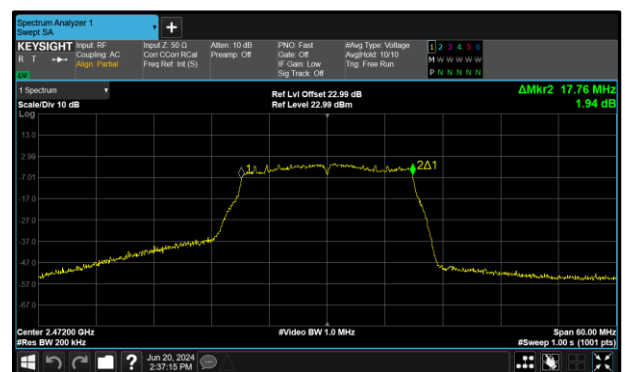


Figure 127 - 802.11n HT20 Maximum 99% OBW

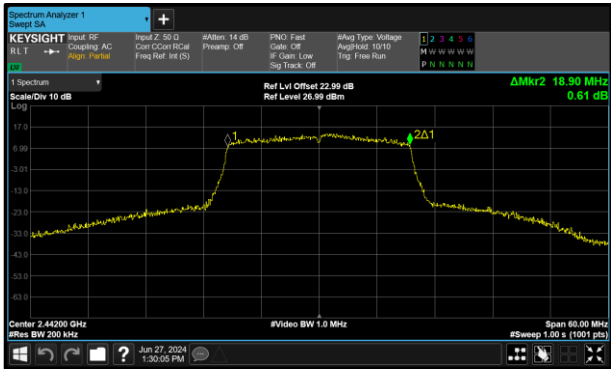


Figure 128 - 802.11ax HE20 SU Minimum 99% OBW

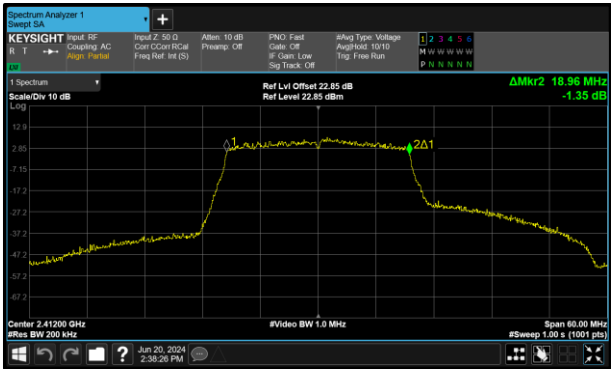


Figure 129 - 802.11ax HE20 SU Maximum 99% OBW

MIMO CDD

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	15.300	17.400
802.11ax HE20 SU	18.540	19.140

Table 15 - 6 dB Bandwidth Summary Results - MIMO CDD

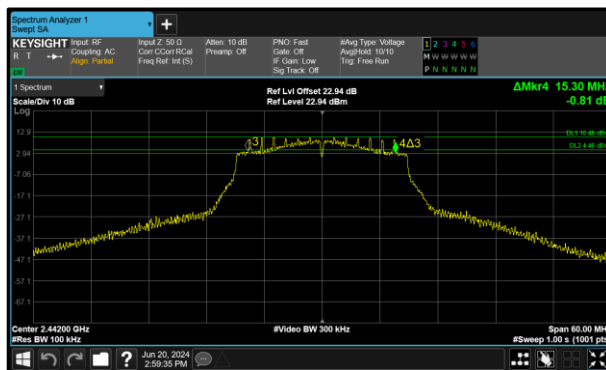


Figure 130 - 802.11n HT20 Minimum 6 dB EBW



Figure 131 - 802.11n HT20 Maximum 6 dB EBW

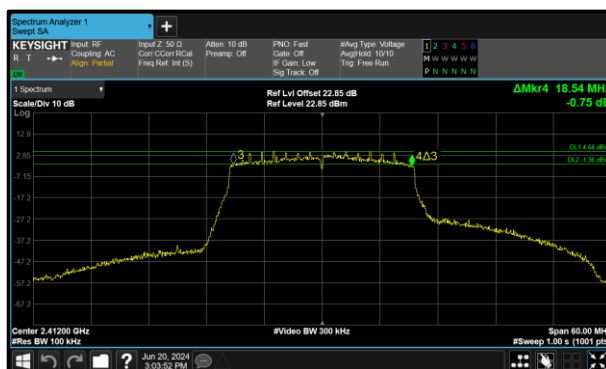


Figure 132 - 802.11ax HE20 SU Minimum 6 dB EBW

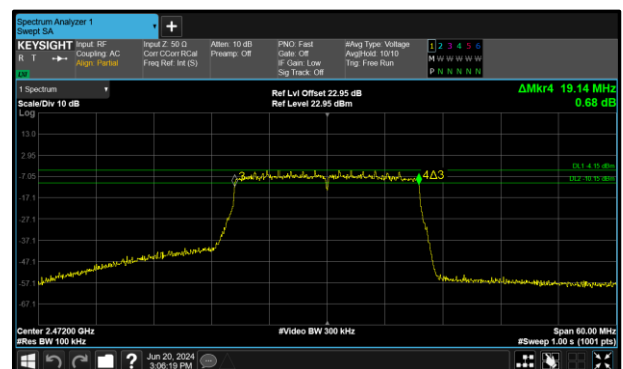


Figure 133 - 802.11ax HE20 SU Maximum 6 dB EBW



Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	17.580	17.700
802.11ax HE20 SU	18.900	19.020

Table 16 - 99% Bandwidth Summary Results - MIMO CDD

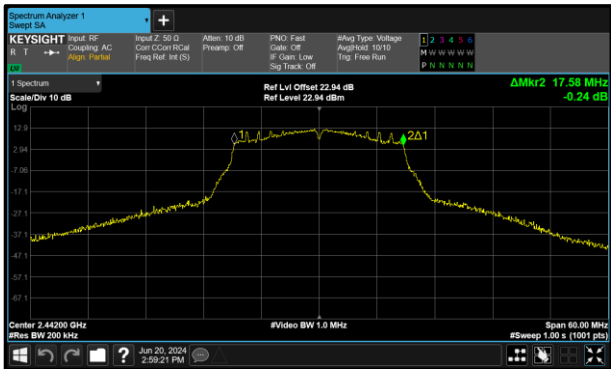


Figure 134 - 802.11n HT20 Minimum 99% OBW

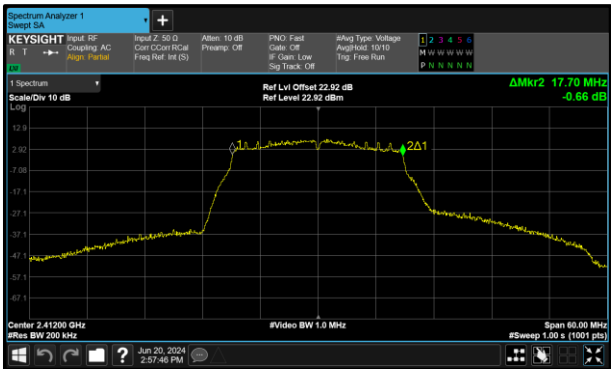


Figure 135 - 802.11n HT20 Maximum 99% OBW

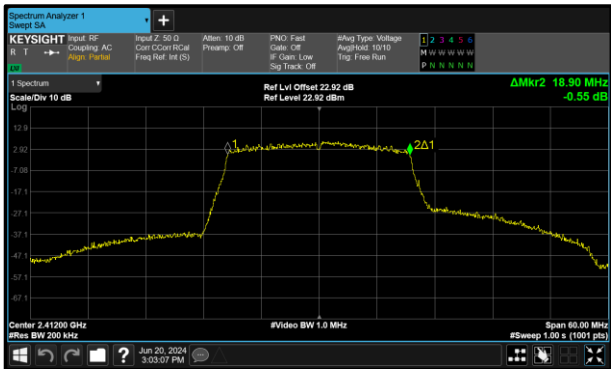


Figure 136 - 802.11ax HE20 SU Minimum 99% OBW

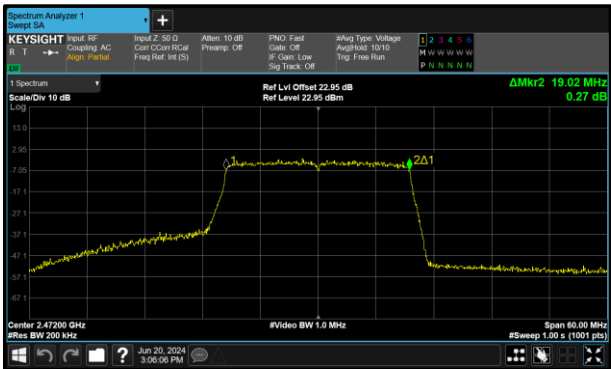


Figure 137 - 802.11ax HE20 SU Maximum 99% OBW



SISO

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 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):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	9.120	-	-	≥500.0
2442	-	9.120	-	-	≥500.0
2472	-	8.640	-	-	≥500.0

Table 17 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	12.960	-	-	-
2442	-	12.960	-	-	-
2472	-	12.960	-	-	-

Table 18 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 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
2442	-	15.240	-	-	≥500.0
2472	-	16.260	-	-	≥500.0

Table 19 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	16.620	-	-	-
2442	-	16.380	-	-	-
2472	-	16.560	-	-	-

Table 20 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 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	-	16.680	-	-	≥500.0
2442	-	15.300	-	-	≥500.0
2472	-	17.400	-	-	≥500.0

Table 21 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	17.700	-	-	-
2442	-	17.580	-	-	-
2472	-	17.760	-	-	-

Table 22 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 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	-	18.360	-	-	≥500.0
2442	-	18.900	-	-	≥500.0
2472	-	19.140	-	-	≥500.0

Table 23 - 6 dB Bandwidth Results

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

Table 24 - 99% Bandwidth Results



MIMO CDD

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 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	15.780	16.440	-	-	≥500.0
2442	15.300	15.300	-	-	≥500.0
2472	17.400	17.400	-	-	≥500.0

Table 25 - 6 dB Bandwidth Results

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

Table 26 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (a)(2) RSS-247 5.2 a)	Test Method(s):	C63.10 6.9.3 C63.10 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	18.900	18.540	-	-	≥500.0
2442	18.840	18.900	-	-	≥500.0
2472	19.140	18.960	-	-	≥500.0

Table 27 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	18.900	18.960	-	-	-
2442	18.900	18.900	-	-	-
2472	19.020	19.020	-	-	-

Table 28 - 99% Bandwidth Results

FCC 47 CFR Part 15, Limit Clause 15.247(a)(2) and ISSED RSS-247, Clause 5.2(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 Laboratory 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
1500VA AC Power Supply	iTech	IT7324	5907	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5919	24	18-Mar-2026
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
MXA Signal Analyser	Keysight Technologies	N9020B	6417	24	26-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6518	12	16-Feb-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6519	12	08-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6520	12	09-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6521	12	09-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6529	12	16-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6530	12	16-Feb-2025
AC Programmable Power Supply	iTech	IT7324	6662	-	O/P Mon

Table 29

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)
ISED RSS-247, Clause 5.4
ISED RSS-GEN, Clause 6.12

2.3.2 Equipment Under Test and Modification State

A3137, S/N: H6D001F73D - Modification State 0

2.3.3 Date of Test

20-June-2024

2.3.4 Test Method

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

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

For the CDD results, the Directional Gain was calculated in accordance with clause F)2)f)(ii) using the calculations from F)2)f)(i) with worst-case individual gain and an array gain of zero.

2.3.5 Environmental Conditions

Ambient Temperature	20.7 °C
Relative Humidity	43.6 %



2.3.6 Test Results

2.4 GHz WLAN

SISO

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11b	Duty Cycle (%):	99.4
Data Rate:	1 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.60
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2412	-	18.84	-	-	18.84	30.00	-11.16
2442	-	18.84	-	-	18.84	30.00	-11.16
2472	-	14.78	-	-	14.78	30.00	-15.22

Table 30 - 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	-	18.84	-	-	18.84	30.00	-11.16	21.44	36.00	-14.56
2442	-	18.84	-	-	18.84	30.00	-11.16	21.44	36.00	-14.56
2472	-	14.78	-	-	14.78	30.00	-15.22	17.38	36.00	-18.62

Table 31 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11g	Duty Cycle (%):	97.5
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.60
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2412	-	17.84	-	-	17.84	30.00	-12.16
2442	-	22.34	-	-	22.34	30.00	-7.66
2472	-	10.69	-	-	10.69	30.00	-19.31

Table 32 - 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	-	17.84	-	-	17.84	30.00	-12.16	20.44	36.00	-15.56
2442	-	22.34	-	-	22.34	30.00	-7.66	24.94	36.00	-11.06
2472	-	10.69	-	-	10.69	30.00	-19.31	13.29	36.00	-22.71

Table 33 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.4
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.60
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2412	-	17.40	-	-	17.40	30.00	-12.60
2442	-	22.30	-	-	22.30	30.00	-7.70
2472	-	9.26	-	-	9.26	30.00	-20.74

Table 34 - 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	-	17.40	-	-	17.40	30.00	-12.60	20.00	36.00	-16.00
2442	-	22.30	-	-	22.30	30.00	-7.70	24.90	36.00	-11.10
2472	-	9.26	-	-	9.26	30.00	-20.74	11.86	36.00	-24.14

Table 35 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	95.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.60
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2412	-	15.94	-	-	15.94	30.00	-14.06
2442	-	22.17	-	-	22.17	30.00	-7.83
2472	-	8.77	-	-	8.77	30.00	-21.23

Table 36 - 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	-	15.94	-	-	15.94	30.00	-14.06	18.54	36.00	-17.46
2442	-	22.17	-	-	22.17	30.00	-7.83	24.77	36.00	-11.23
2472	-	8.77	-	-	8.77	30.00	-21.23	11.37	36.00	-24.63

Table 37 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	95.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.60
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2412	-	14.42	-	-	14.42	30.00	-15.58
2442	-	14.41	-	-	14.41	30.00	-15.59
2472	-	-2.65	-	-	-2.65	30.00	-32.65

Table 38 - 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	-	14.42	-	-	14.42	30.00	-15.58	17.02	36.00	-18.98
2442	-	14.41	-	-	14.41	30.00	-15.59	17.01	36.00	-18.99
2472	-	-2.65	-	-	-2.65	30.00	-32.65	-0.05	36.00	-36.05

Table 39 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	96.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.60
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2412	-	17.37	-	-	17.37	30.00	-12.63
2442	-	17.47	-	-	17.47	30.00	-12.53
2472	-	0.78	-	-	0.78	30.00	-29.22

Table 40 - 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	-	17.37	-	-	17.37	30.00	-12.63	19.97	36.00	-16.03
2442	-	17.47	-	-	17.47	30.00	-12.53	20.07	36.00	-15.93
2472	-	0.78	-	-	0.78	30.00	-29.22	3.38	36.00	-32.62

Table 41 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.60
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2412	-	18.28	-	-	18.28	30.00	-11.72
2442	-	20.33	-	-	20.33	30.00	-9.67
2472	-	0.78	-	-	0.78	30.00	-29.22

Table 42 - 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	-	18.28	-	-	18.28	30.00	-11.72	20.88	36.00	-15.12
2442	-	20.33	-	-	20.33	30.00	-9.67	22.93	36.00	-13.07
2472	-	0.78	-	-	0.78	30.00	-29.22	3.38	36.00	-32.62

Table 43 - ISSED Maximum Conducted (average) Output Power Results



MIMO CDD

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	96.4
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	2.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2412	16.68	16.98	-	-	19.84	30.00	-10.16
2442	21.68	22.20	-	-	24.96	30.00	-5.04
2472	8.15	8.86	-	-	11.53	30.00	-18.47

Table 44 - 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	16.68	16.98	-	-	19.84	30.00	-10.16	22.44	36.00	-13.56
2442	21.68	22.20	-	-	24.96	30.00	-5.04	27.56	36.00	-8.44
2472	8.15	8.86	-	-	11.53	30.00	-18.47	14.13	36.00	-21.87

Table 45 - ISSED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	95.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	2.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2412	15.37	15.47	-	-	18.43	30.00	-11.57
2442	21.50	22.23	-	-	24.89	30.00	-5.11
2472	7.33	8.22	-	-	10.81	30.00	-19.19

Table 46 - 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	15.37	15.47	-	-	18.43	30.00	-11.57	21.03	36.00	-14.97
2442	21.50	22.23	-	-	24.89	30.00	-5.11	27.49	36.00	-8.51
2472	7.33	8.22	-	-	10.81	30.00	-19.19	13.41	36.00	-22.59

Table 47 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	95.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	2.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2412	14.01	14.46	-	-	17.26	30.00	-12.74
2442	13.75	14.44	-	-	17.12	30.00	-12.88
2472	-2.23	-2.67	-	-	0.57	30.00	-29.43

Table 48 - 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	14.01	14.46	-	-	17.26	30.00	-12.74	19.86	36.00	-16.14
2442	13.75	14.44	-	-	17.12	30.00	-12.88	19.72	36.00	-16.28
2472	-2.23	-2.67	-	-	0.57	30.00	-29.43	3.17	36.00	-32.83

Table 49 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	96.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	2.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2412	17.07	17.25	-	-	20.17	30.00	-9.83
2442	16.95	17.21	-	-	20.10	30.00	-9.90
2472	0.24	0.68	-	-	3.47	30.00	-26.53

Table 50 - 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	17.07	17.25	-	-	20.17	30.00	-9.83	22.77	36.00	-13.23
2442	16.95	17.21	-	-	20.10	30.00	-9.90	22.70	36.00	-13.30
2472	0.24	0.68	-	-	3.47	30.00	-26.53	6.07	36.00	-29.93

Table 51 - ISED Maximum Conducted (average) Output Power Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (b)(3) RSS-247 5.4 d)	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)f)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	97.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	2.60
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	Maximum Conducted Output Power (dBm)					Limit (dBm)	Margin (dB)
	A	B	C	D	Σ		
2412	16.15	16.46	-	-	19.32	30.00	-10.68
2442	20.04	20.37	-	-	23.22	30.00	-6.78
2472	1.12	1.79	-	-	4.47	30.00	-25.53

Table 52 - 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	16.15	16.46	-	-	19.32	30.00	-10.68	21.92	36.00	-14.08
2442	20.04	20.37	-	-	23.22	30.00	-6.78	25.82	36.00	-10.18
2472	1.12	1.79	-	-	4.47	30.00	-25.53	7.07	36.00	-28.93

Table 53 - ISED Maximum Conducted (average) Output Power Results

FCC 47 CFR Part 15, Limit Clause 15.247 (b)(3)

For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands: 1 Watt.

ISED RSS-247, Limit Clause 5.4 (d)

For DTSS employing digital modulation techniques operating in the bands 902-928 MHz and 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1 W. The e.i.r.p. shall not exceed 4 W, except as provided in section 5.4(e) of the specification.



2.3.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Hygrometer	Rotronic	I-1000	3068	12	07-Nov-2024
Digital Multimeter	Fluke	115	6145	12	06-Jun-2025
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6518	12	16-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6529	12	16-Feb-2025
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6530	12	16-Feb-2025
USB Wideband Power Sensor	Boonton	RTP5008	6587	12	13-Feb-2025
USB Wideband Power Sensor	Boonton	RTP5008	6588	12	13-Feb-2025
AC Programmable Power Supply	iTech	IT7324	6662	-	O/P Mon

Table 54

O/P Mon - Output Monitored using calibrated equipment.



2.4 Authorised Band Edges

2.4.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.247 (d)
ISED RSS-247, Clause, 5.5

2.4.2 Equipment Under Test and Modification State

A3137, S/N: FV5VYV72RL - Modification State 0
A3137, S/N: LQ9QKVW0H6 - Modification State 0

2.4.3 Date of Test

25-April-2024 to 21-June-2024

2.4.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 6.10.4.

2.4.5 Environmental Conditions

Ambient Temperature	22.7 - 23.8 °C
Relative Humidity	35.8 - 47.9 %

2.4.6 Test Results

2.4 GHz WLAN

20 MHz Bandwidth - Core 0 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBc)
802.11b	1 Mbps	-	-	2412	2400	-54.24
802.11b	1 Mbps	-	-	2417	2400	-55.09
802.11g	54 Mbps	-	-	2412	2400	-34.69
802.11g	54 Mbps	-	-	2417	2400	-35.12
802.11g	54 Mbps	-	-	2422	2400	-39.27
802.11g	54 Mbps	-	-	2427	2400	-46.71
802.11n HT20	MCS 4	-	-	2412	2400	-34.64
802.11n HT20	MCS 7	-	-	2417	2400	-35.13
802.11n HT20	MCS 7	-	-	2422	2400	-38.42
802.11n HT20	MCS 7	-	-	2427	2400	-45.47
802.11n HT20	MCS 7	-	-	2432	2400	-48.55
802.11ax HE20	MCS 4x1	SU	-	2412	2400	-34.63
802.11ax HE20	MCS 9x1	106	53	2412	2400	-38.46
802.11ax HE20	MCS 9x1	SU	-	2417	2400	-34.59
802.11ax HE20	MCS 9x1	106	53	2417	2400	-45.51
802.11ax HE20	MCS 9x1	SU	-	2422	2400	-35.46
802.11ax HE20	MCS 9x1	SU	-	2427	2400	-44.38
802.11ax HE20	MCS 9x1	SU	-	2432	2400	-47.98

Table 55 - SISO Authorised Band Edge Results

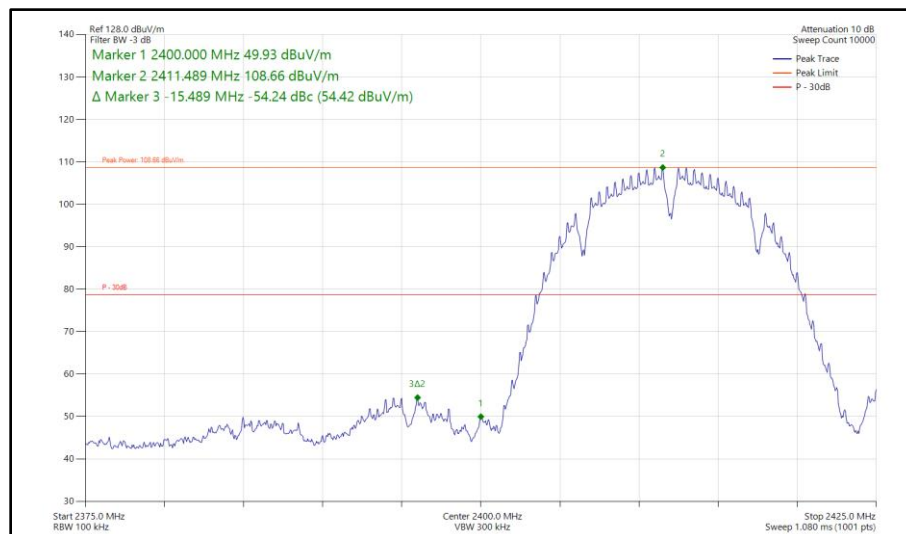


Figure 138 - 802.11b, SISO, Core 0 - 2412 MHz
Band Edge Frequency 2400 MHz

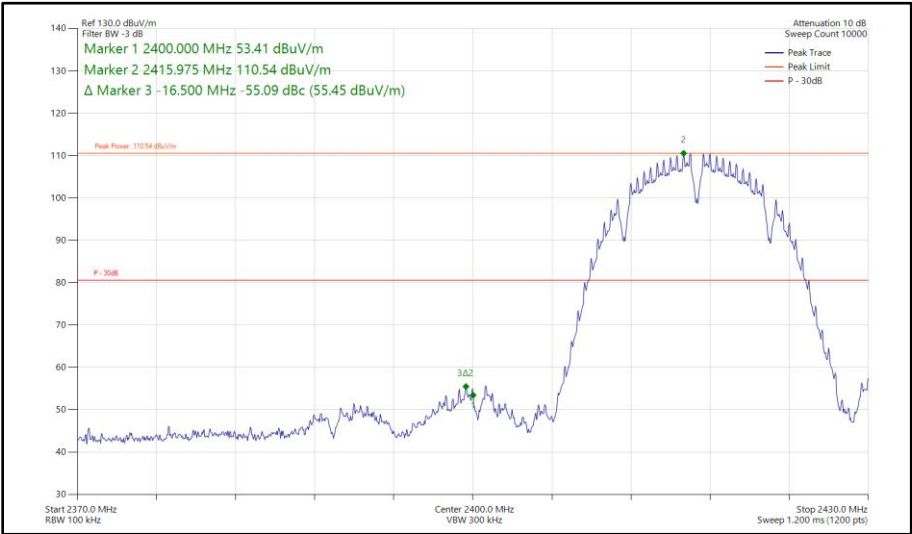


Figure 139 - 802.11b, SISO, Core 0 - 2417 MHz
Band Edge Frequency 2400 MHz

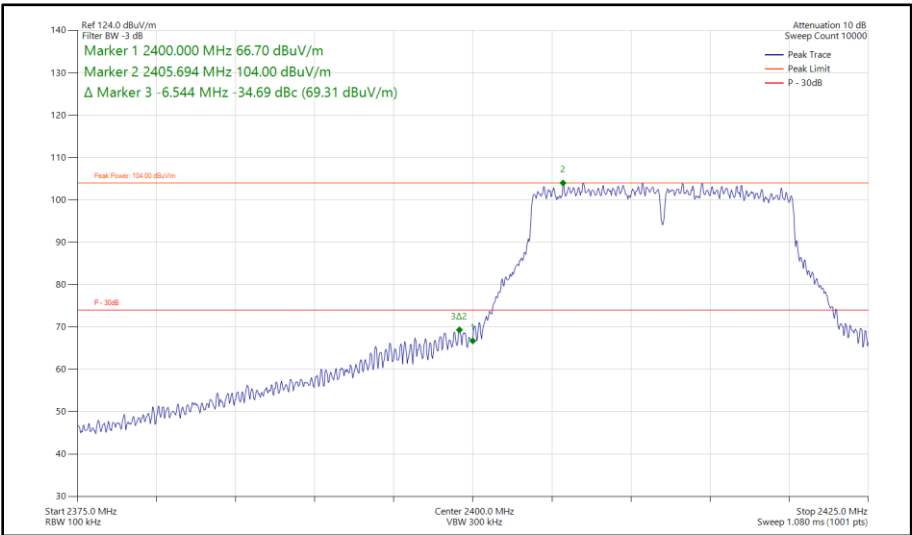


Figure 140 - 802.11g, SISO, Core 0 - 2412 MHz
Band Edge Frequency 2400 MHz

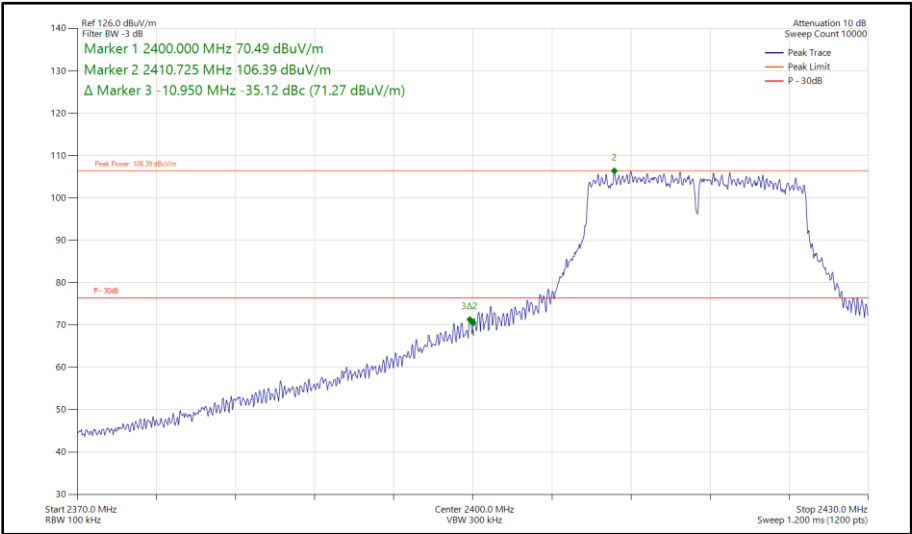


Figure 141 - 802.11g, SISO, Core 0 - 2417 MHz
Band Edge Frequency 2400 MHz

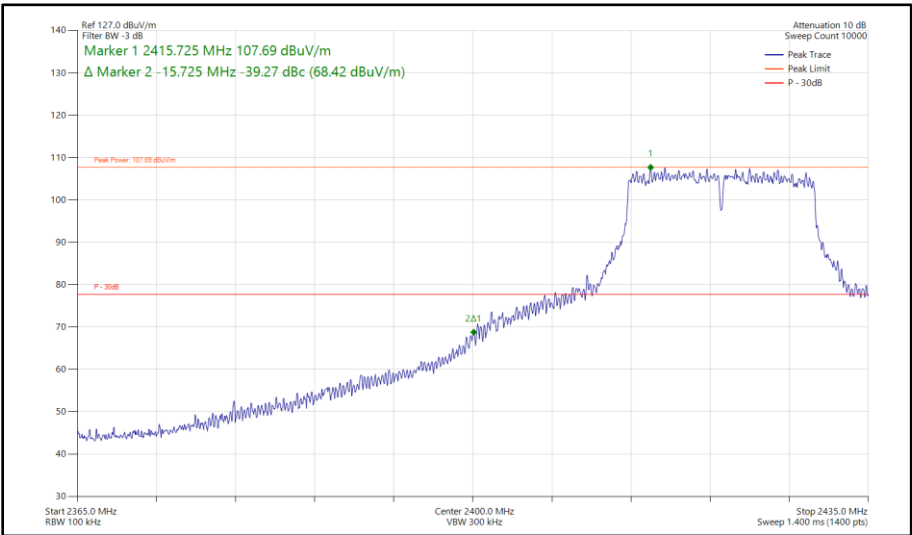


Figure 142 - 802.11g, SISO, Core 0 - 2422 MHz
Band Edge Frequency 2400 MHz

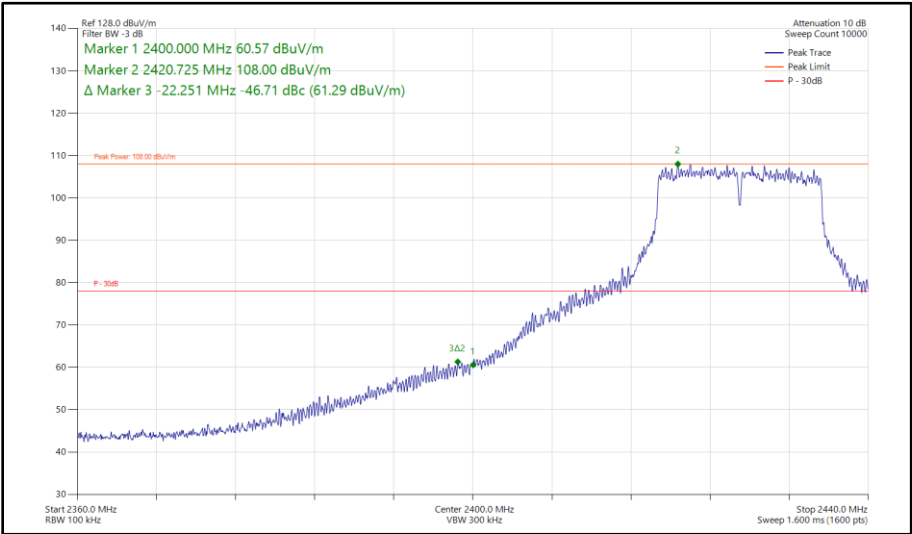


Figure 143 - 802.11g, SISO, Core 0 - 2427 MHz
Band Edge Frequency 2400 MHz

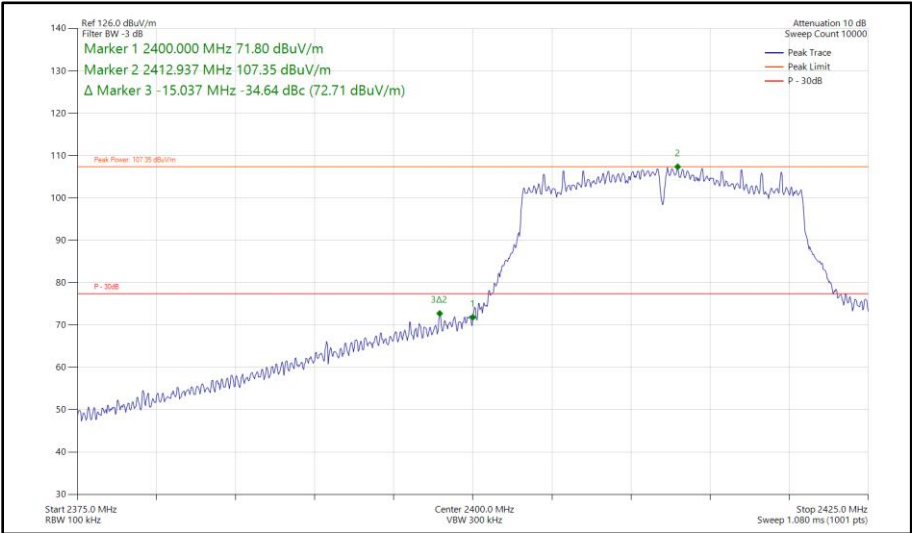


Figure 144 - 802.11n HT20, SISO, Core 0 - 2412 MHz
Band Edge Frequency 2400 MHz