

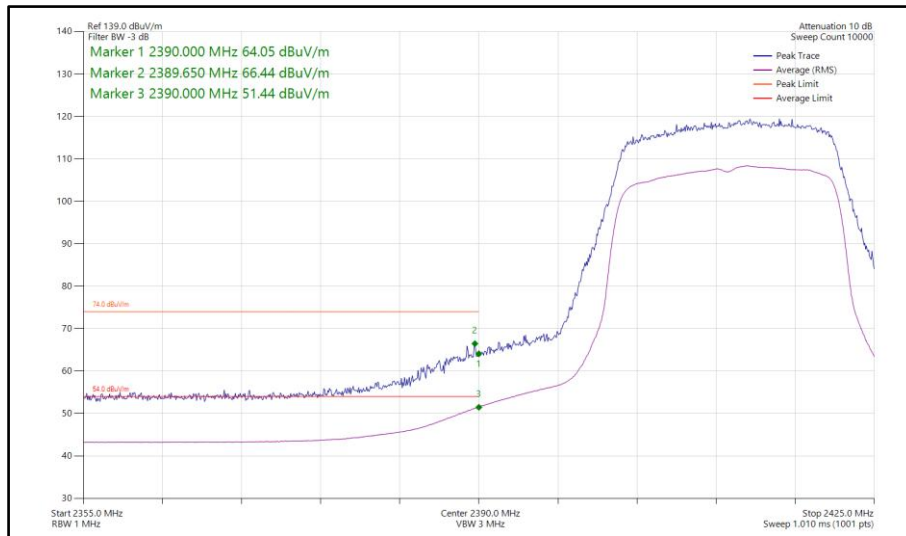


**Figure 70 - 802.11ax HE20, SU, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**

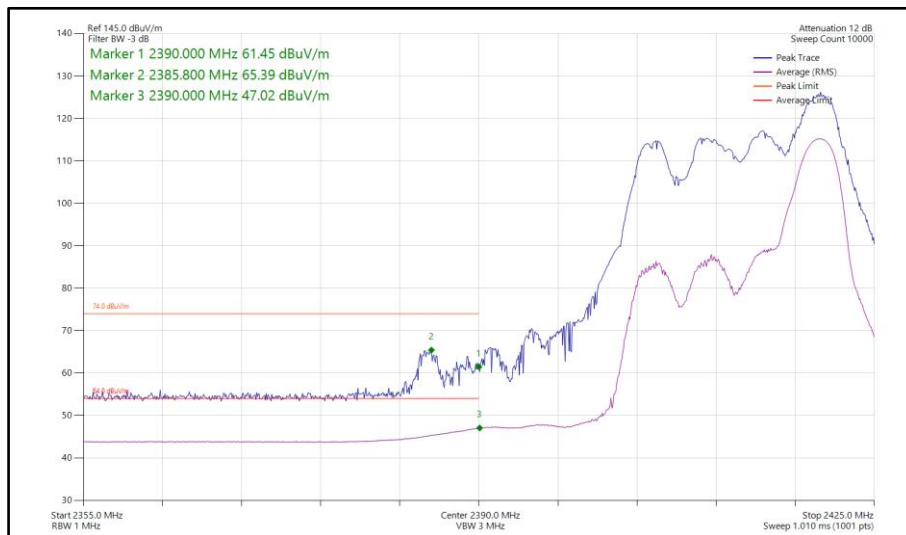


**Figure 71 - 802.11ax HE20, RU52-40, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**

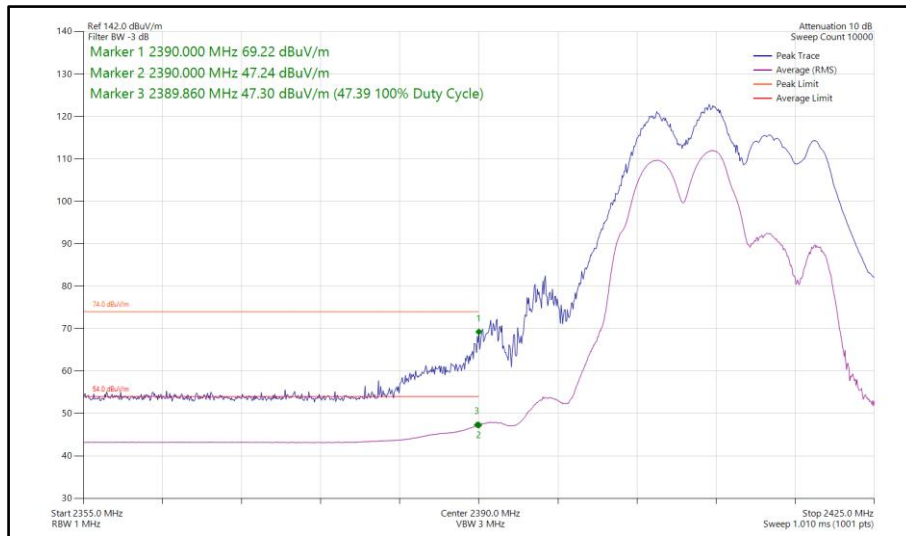


**Figure 72 - 802.11be EHT20, RU106+26-82, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**

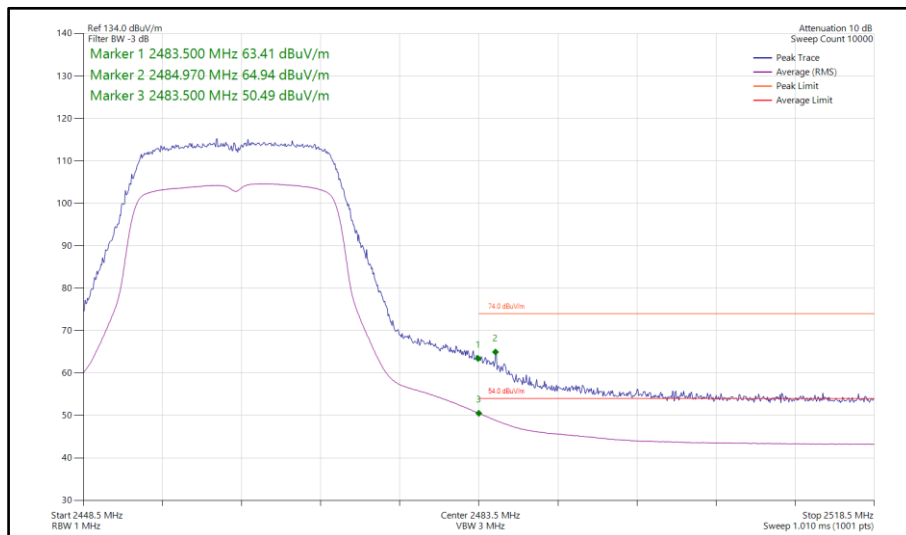


**Figure 73 - 802.11n HT20, SDM, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**

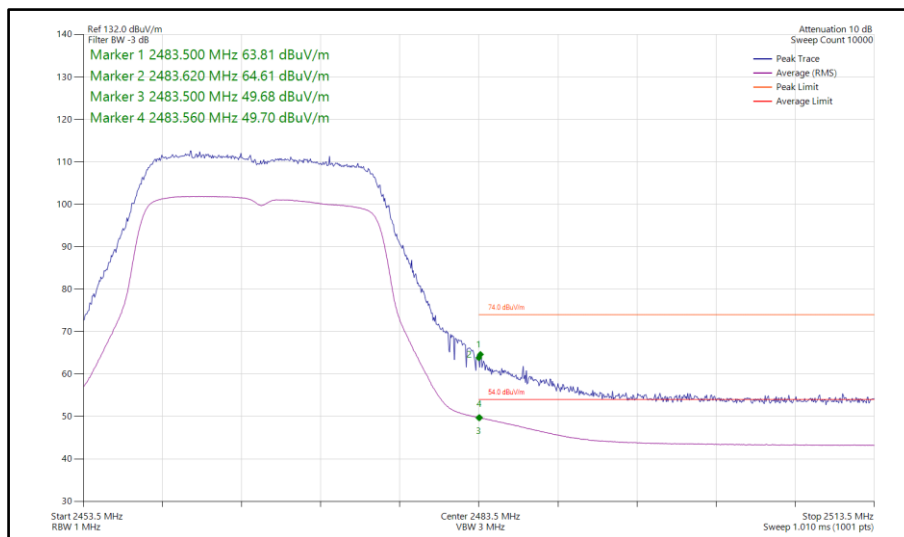


**Figure 74 - 802.11n HT20, SDM, Core 0-1 - 2467 MHz
Band Edge Frequency 2483.5 MHz**

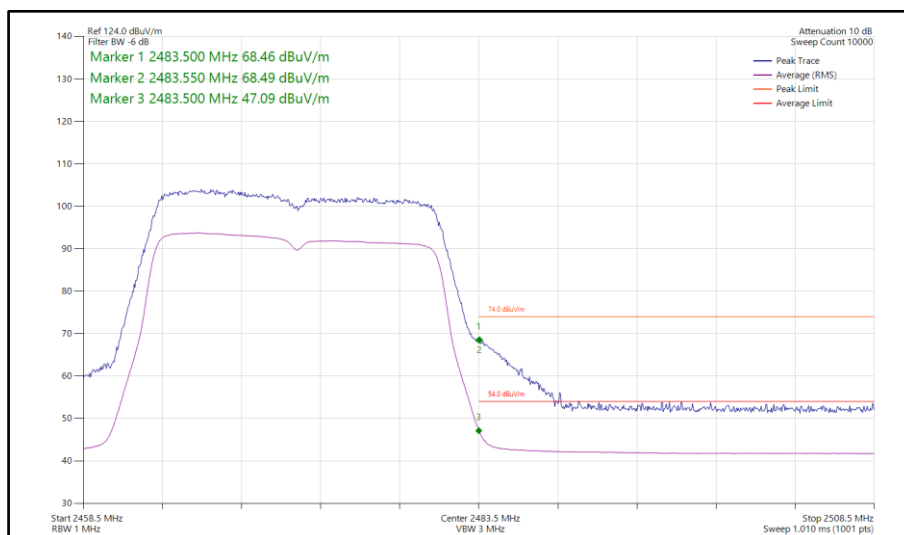


**Figure 75 - 802.11n HT20, SDM, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**

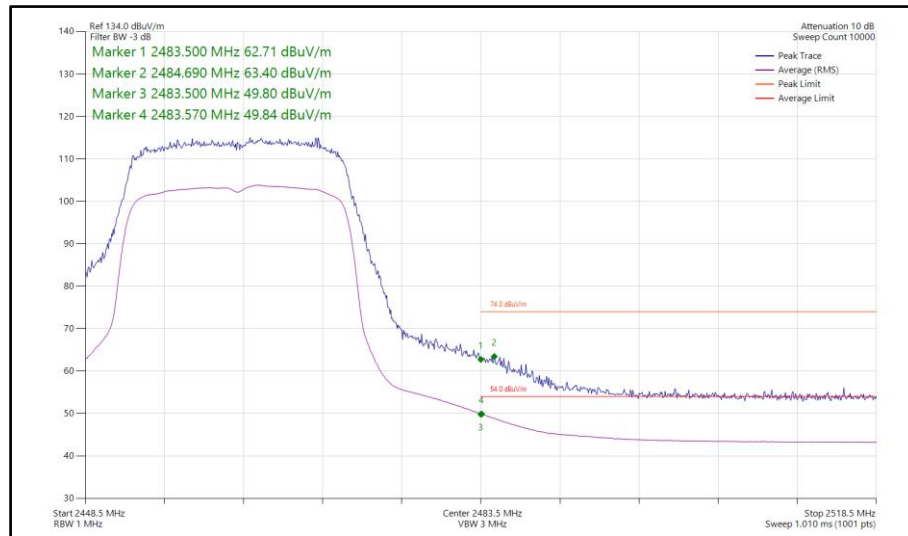


**Figure 76 - 802.11ax HE20, SU, SDM, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**

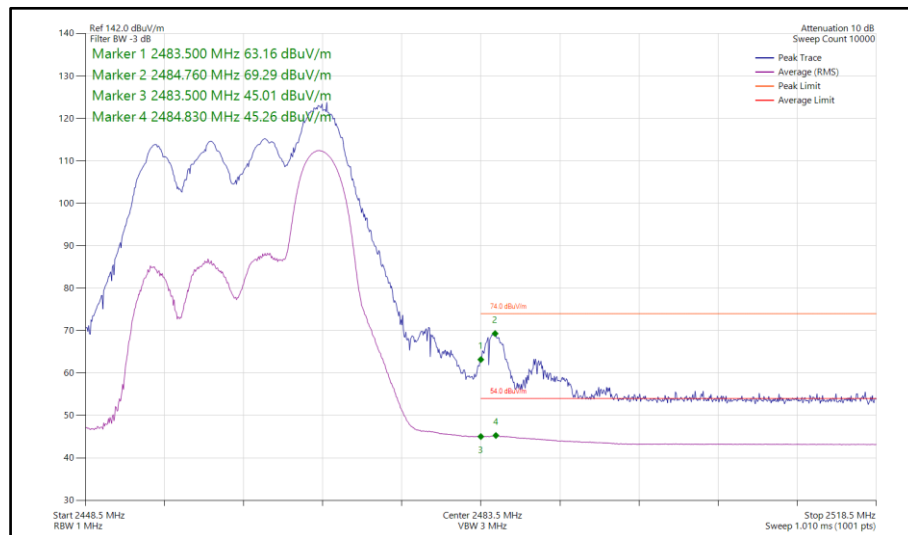


**Figure 77 - 802.11ax HE20, RU52-40, SDM, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**

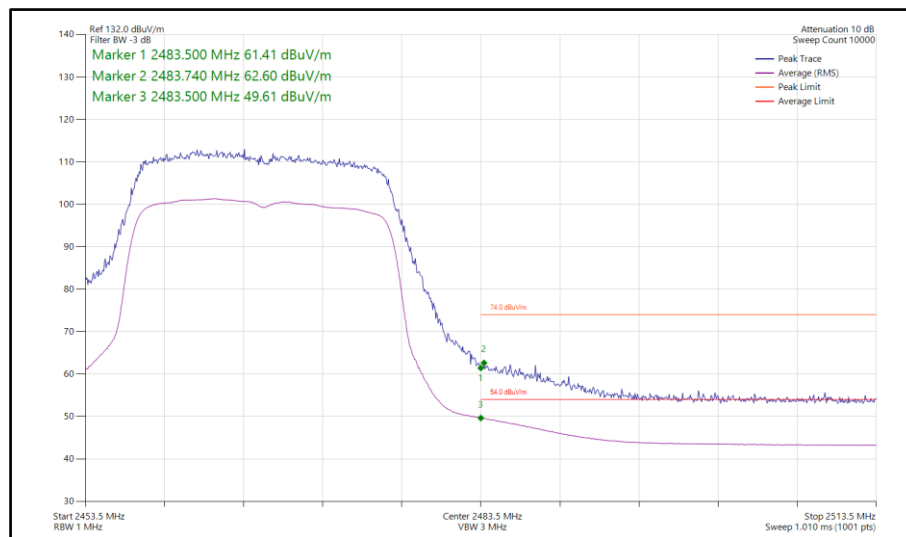


**Figure 78 - 802.11ax HE20, SU, SDM, Core 0-1 - 2467 MHz
Band Edge Frequency 2483.5 MHz**

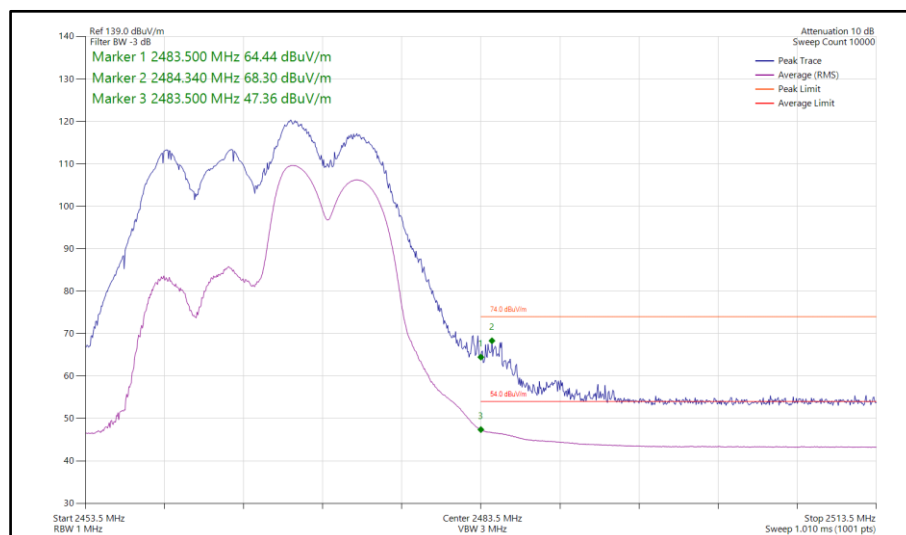


**Figure 79 - 802.11ax HE20, RU106-54, SDM, Core 0-1 - 2467 MHz
Band Edge Frequency 2483.5 MHz**

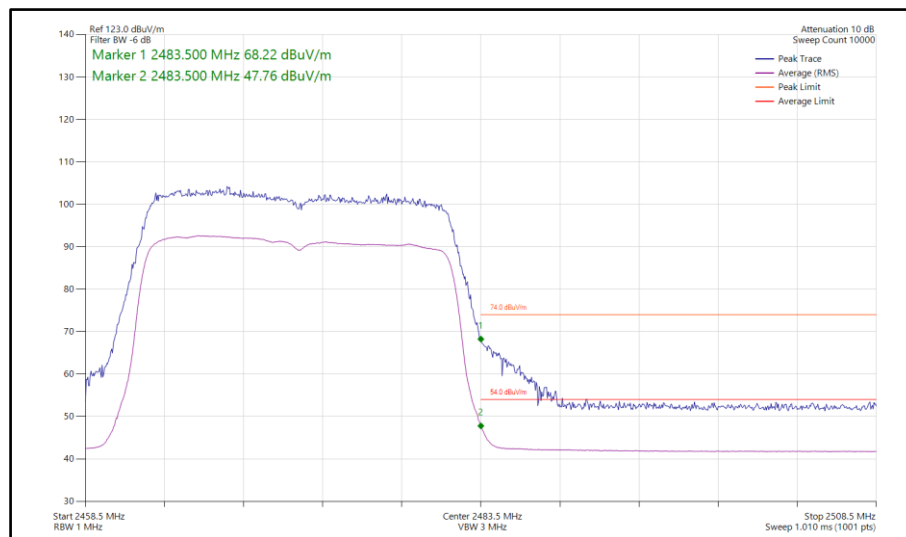


**Figure 80 - 802.11ax HE20, SU, SDM, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**

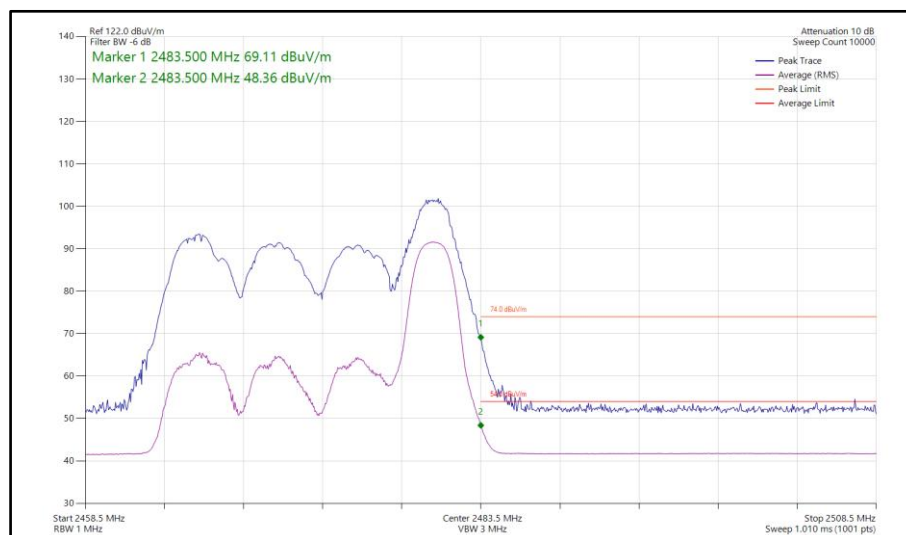


**Figure 81 - 802.11ax HE20, RU26-8, SDM, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**

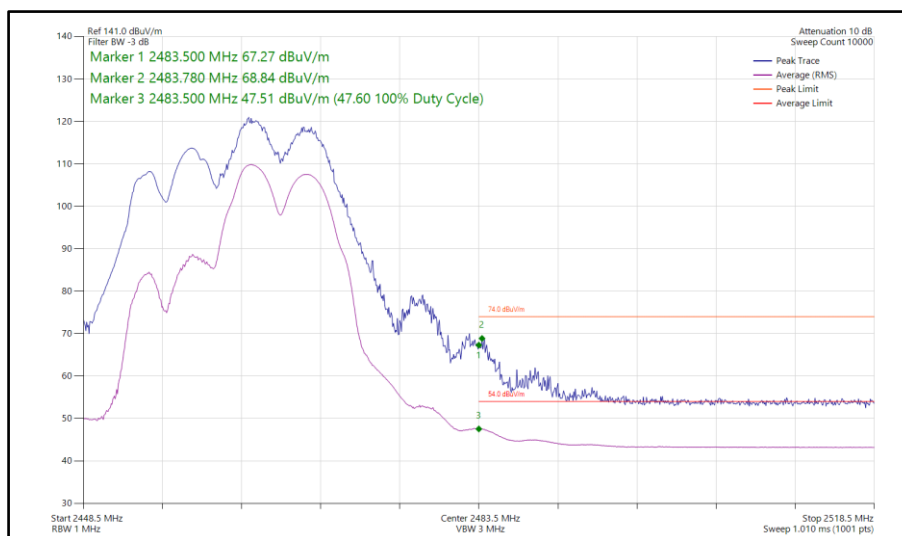


**Figure 82 - 802.11be EHT20, RU106+26-83, SDM, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**

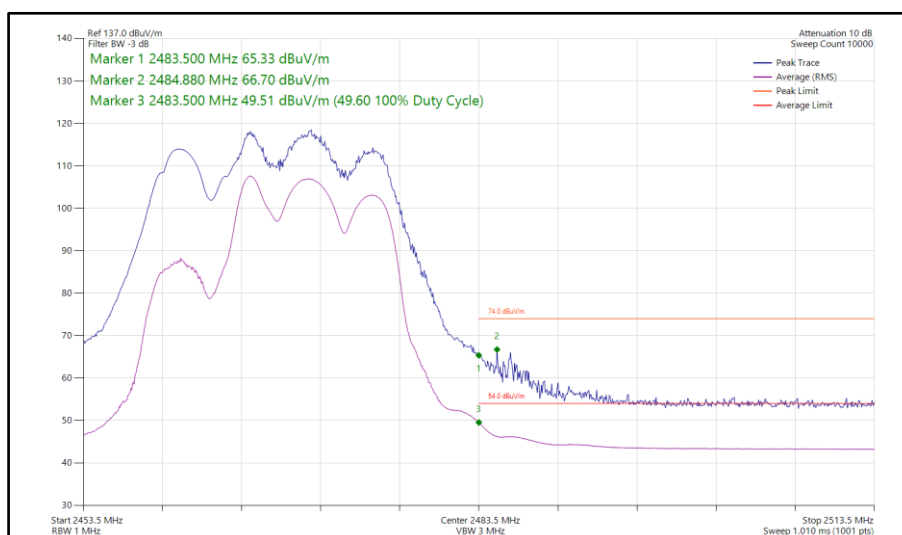


**Figure 83 - 802.11be EHT20, RU106+26-83, SDM, Core 0-1 - 2467 MHz
Band Edge Frequency 2483.5 MHz**

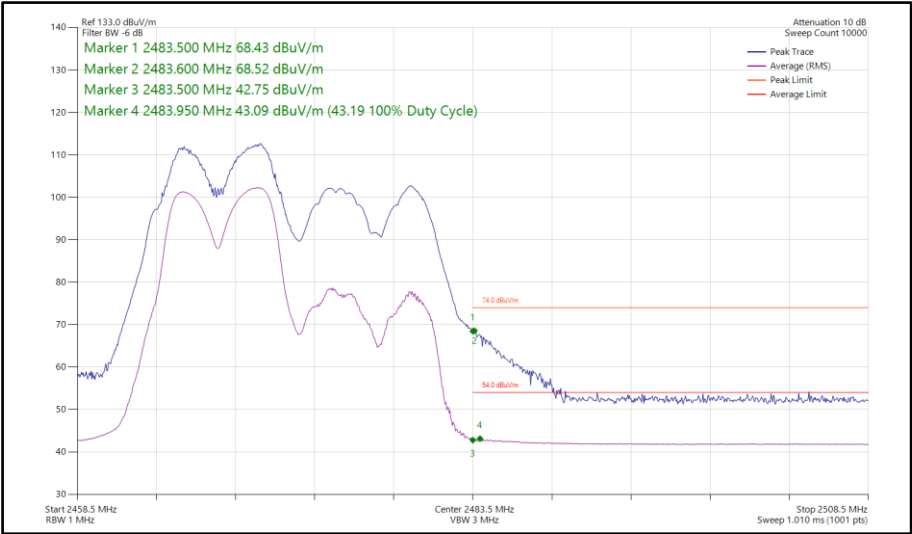


Figure 84 - 802.11be EHT20, RU52+26-70, SDM, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz

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	65.23	51.19
802.11ax HE20	MCS 4x1	SU	-	2412	2390	66.27	51.42
802.11ac VHT20	MCS 8x1	-	-	2462	2483.5	68.35	50.38
802.11ac VHT20	MCS 2x1	-	-	2467	2483.5	65.44	49.77
802.11ac VHT20	MCS 8x1	-	-	2472	2483.5	68.89	50.94
802.11ax HE20	MCS 4x1	SU	-	2462	2483.5	65.24	50.80
802.11ax HE20	MCS 9x1	SU	-	2467	2483.5	66.20	51.44
802.11ax HE20	MCS 9x1	SU	-	2472	2483.5	68.73	48.23

Table 13 - TxBF Restricted Band Edge Results

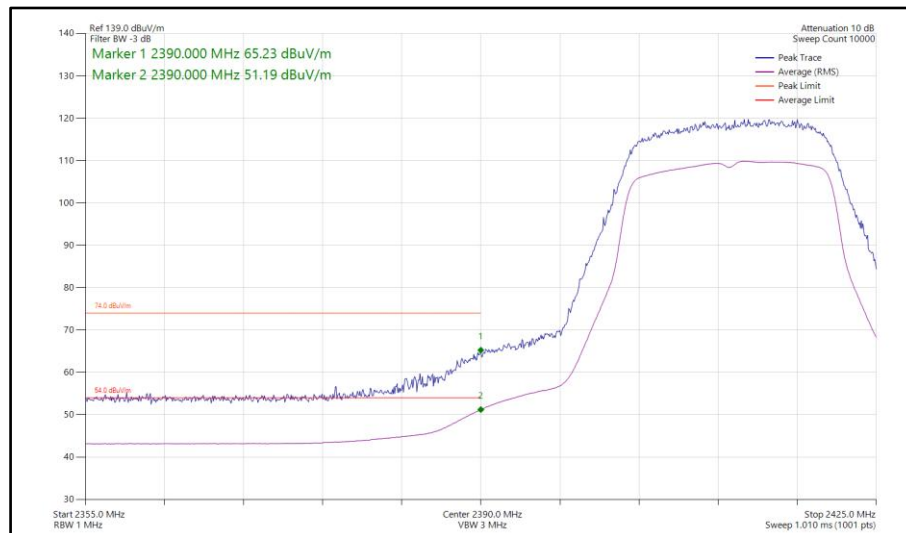


Figure 85 - 802.11ac VHT20, TxBF, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz

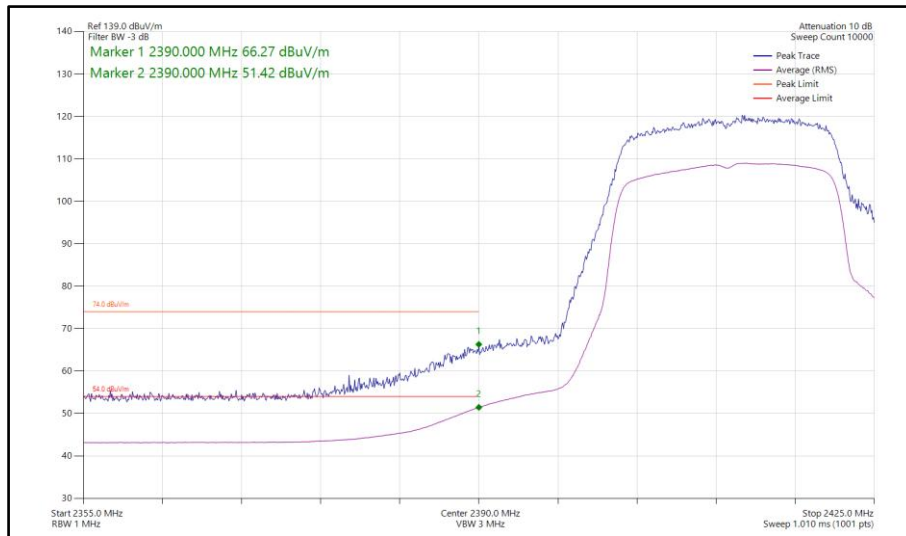


**Figure 86 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2412 MHz
Band Edge Frequency 2390 MHz**

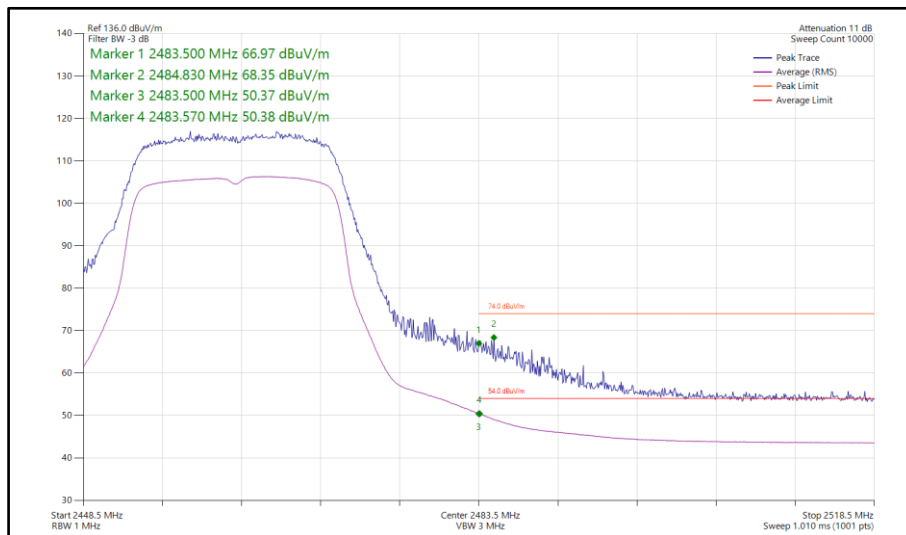


**Figure 87 - 802.11ac VHT20, TxBF, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz**

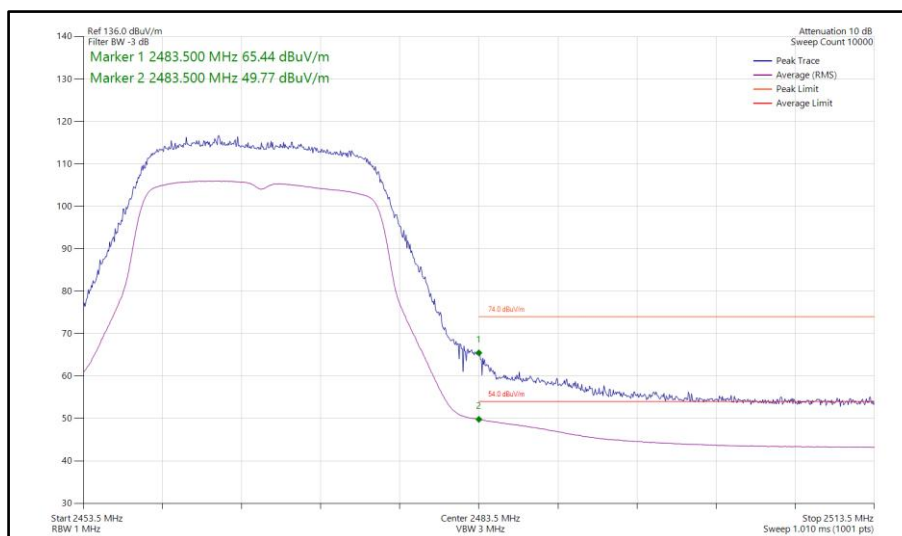


**Figure 88 - 802.11ac VHT20, TxBF, Core 0-1 - 2467 MHz
Band Edge Frequency 2483.5 MHz**

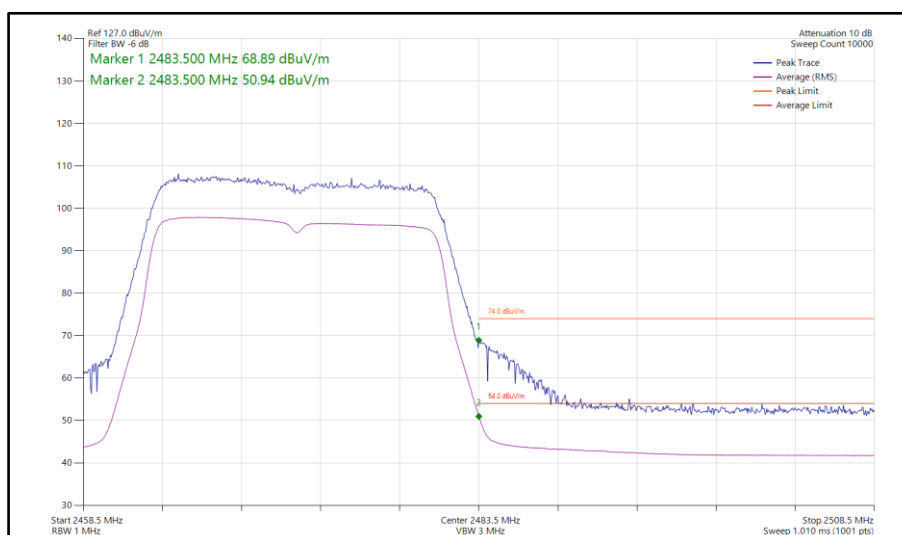


**Figure 89 - 802.11ac VHT20, TxBF, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz**

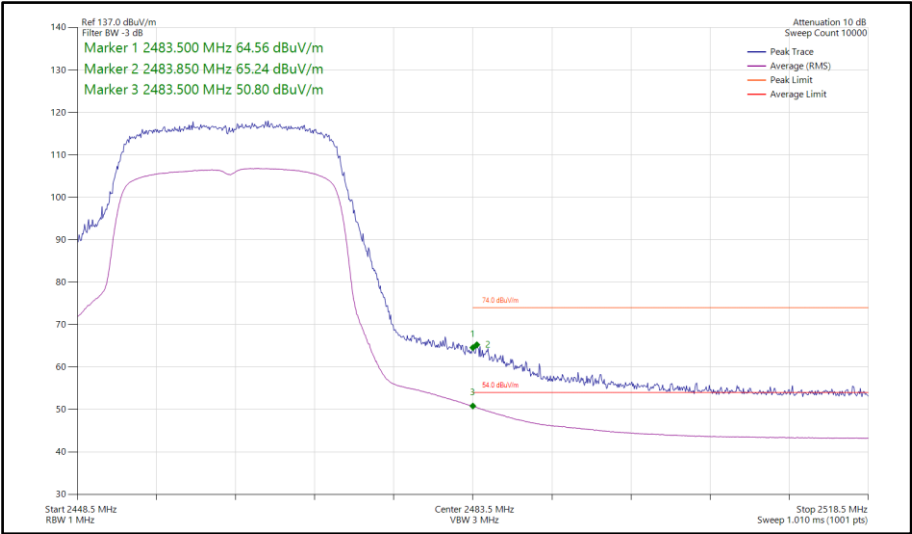


Figure 90 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2462 MHz
Band Edge Frequency 2483.5 MHz

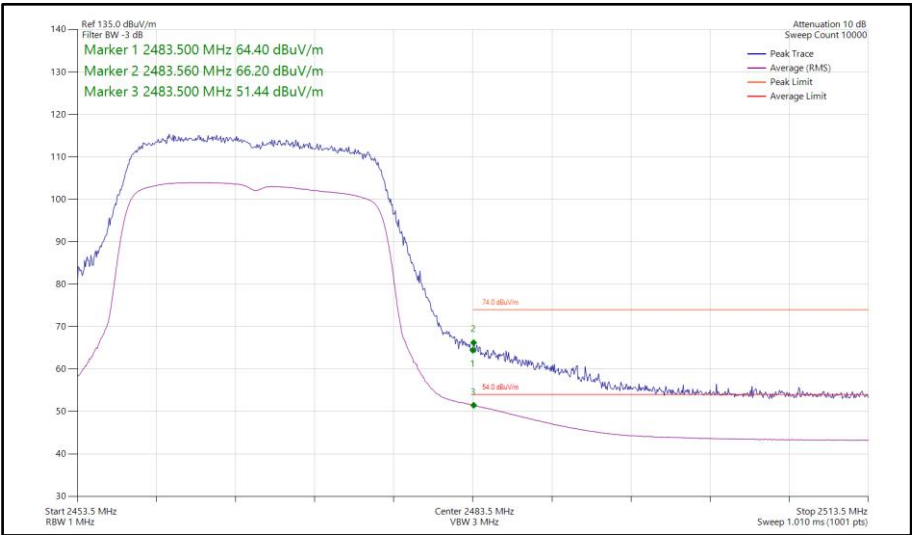


Figure 91 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2467 MHz
Band Edge Frequency 2483.5 MHz

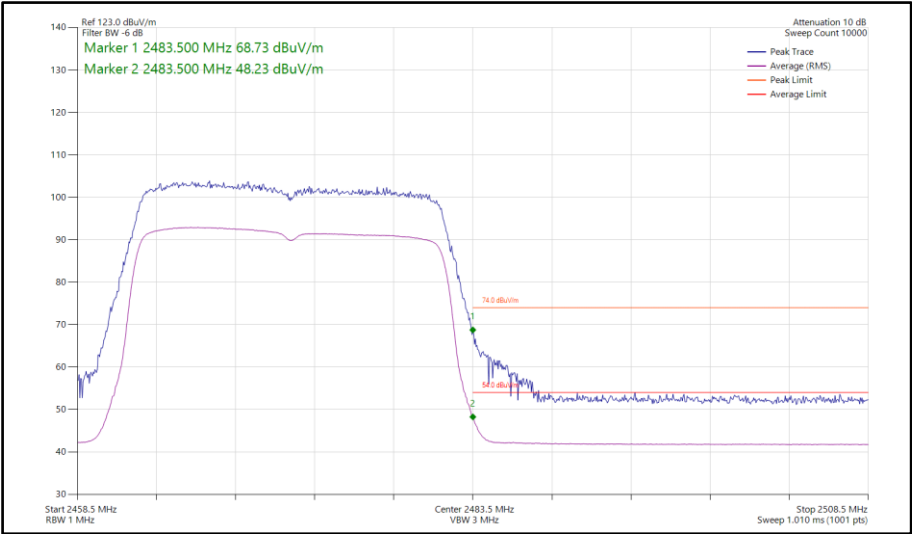


Figure 92 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2472 MHz
Band Edge Frequency 2483.5 MHz

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 14

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 15

*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 16, RF Chamber 17 and RF Chamber 18.

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	5911	12	29-Oct-2026
1500W (300V 12A) AC Power Supply	iTech	IT7324	5957	-	O/P Mon
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5960	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5961	-	TU
3m Semi-Anechoic Chamber, Chamber16	Albatross Projects	RF Chamber 16	5972	36	07-May-2028
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5973	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5974	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5975	-	TU
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	21-Sep-2026
Digital Multimeter	Fluke	115	6145	12	02-Jun-2027
Humidity & Temperature meter	R.S Components	1364	6149	12	28-Aug-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	18-Dec-2026
EMI Test Receiver	Rohde & Schwarz	ESW44	6294	12	23-Mar-2027
Cable (SMA to SMA 1m)	Junkosha	MWX221/B	6305	12	19-May-2027
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6349	12	18-May-2027
Horn Antenna (1–10.5 GHz)	Schwarzbeck	BBHA 9120 B	6457	12	21-Sep-2026
3m Semi-Anechoic Chamber	Albatross Projects	Chamber 18	6597	36	08-May-2028
AC Power Supply	iTech	IT7324	6657	-	O/P Mon
3m Semi-Anechoic Chamber	Albatross Projects	RF Chamber 17	6658	36	07-May-2028
Mast and Turntable Controller	Maturo Gmbh	FCU3.0	6659	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6660	-	TU
Turntable	Maturo Gmbh	TT1.5SI	6661	-	TU
Turntable	Maturo Gmbh	TT1.5SI	6797	-	TU
EMI Test Receiver	Rohde & Schwarz	ESW44	6805	12	22-Sep-2026
AC Programmable Power Supply	iTech	IT7324	6812	-	O/P Mon



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Broad-Band Horn Antenna 1-10GHz N	Schwarzbeck	BBHA9120B	6825	12	21-Sep-2026
Handheld Hygrometer	Fluke	971	6837	12	16-Sep-2026
Handheld Hygrometer	Fluke	971	6838	12	16-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6841	12	23-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6844	12	06-Sep-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6849	12	06-Nov-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6850	12	23-Oct-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6851	12	06-Nov-2026
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6886	12	02-Dec-2026

Table 16

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 6.3.1
ISED RSS-GEN, Clause 6.7

2.2.2 Equipment Under Test and Modification State

A3469, S/N: MVG9J5GXR9 - Modification State 0

2.2.3 Date of Test

19-September-2026 to 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	20.5 - 23.5 °C
Relative Humidity	48.1 - 54.5 %

2.2.6 Test Results

2.4 GHz WLAN

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11b	9.660	10.200
802.11ax HE20 SU	17.700	19.080
802.11n HT20	16.380	17.700
802.11g	15.840	16.500

Table 17 - 6 dB Bandwidth Summary Results - SISO

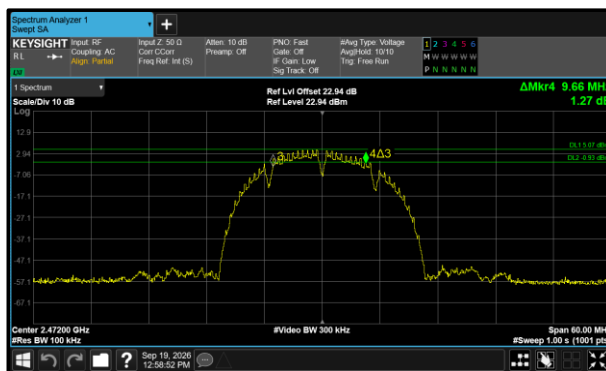


Figure 93 - 802.11b Minimum 6 dB EBW

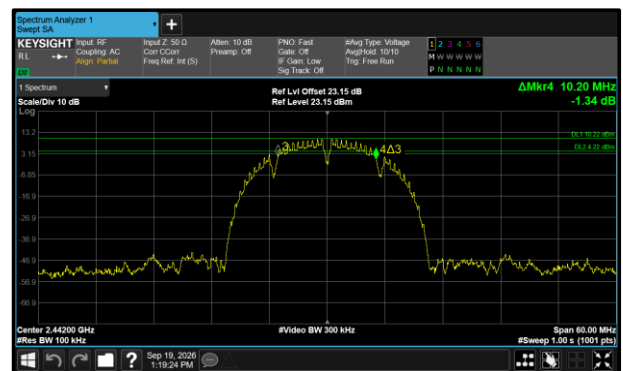


Figure 94 - 802.11b Maximum 6 dB EBW



Figure 95 - 802.11ax HE20 SU Minimum 6 dB EBW

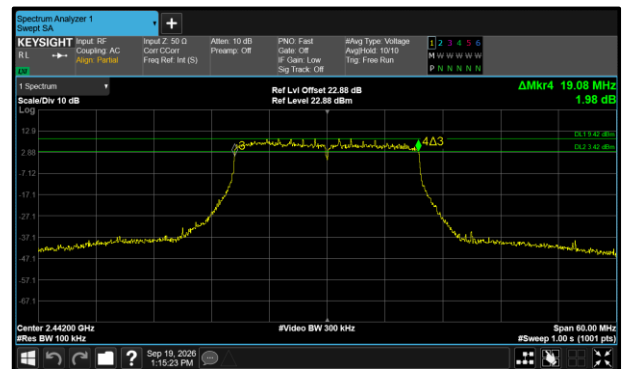


Figure 96 - 802.11ax HE20 SU Maximum 6 dB EBW

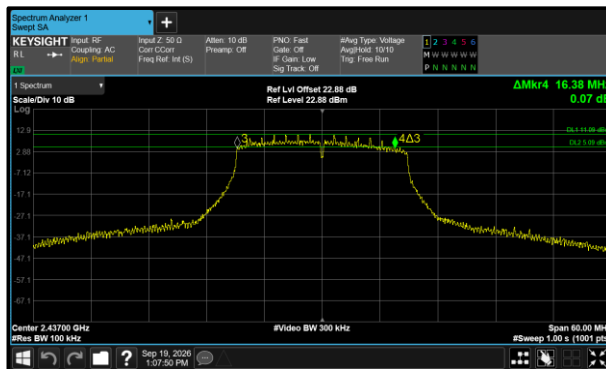


Figure 97 - 802.11n HT20 Minimum 6 dB EBW

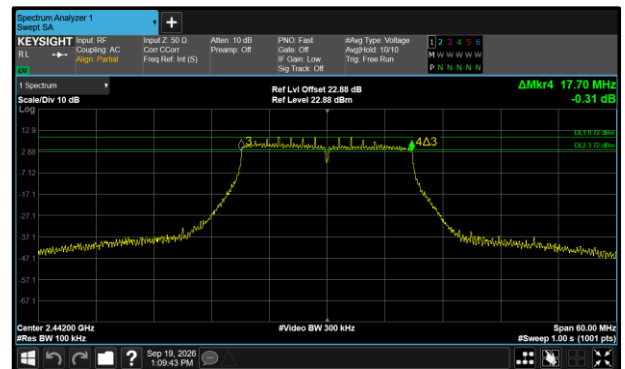


Figure 98 - 802.11n HT20 Maximum 6 dB EBW

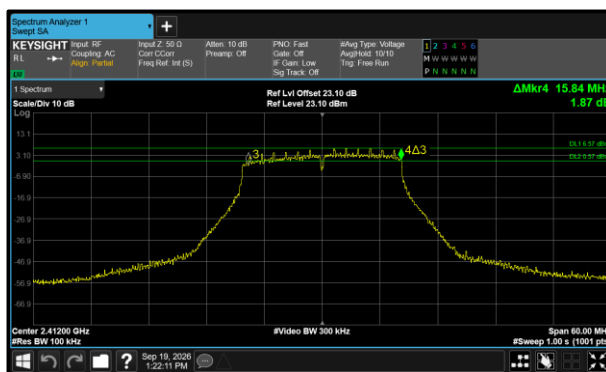


Figure 99 - 802.11g Minimum 6 dB EBW

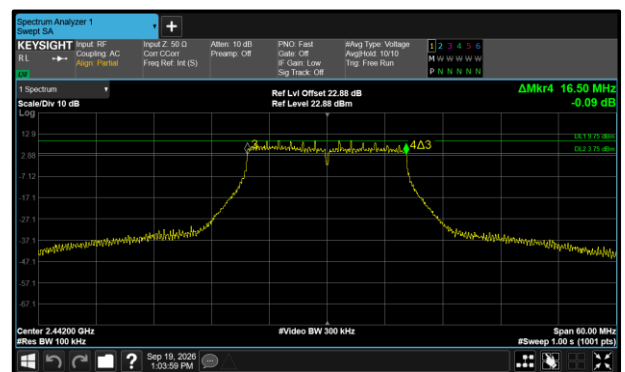


Figure 100 - 802.11g Maximum 6 dB EBW

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11g	15.780	16.500
802.11ax HE20 SU	16.860	19.080
802.11n HT20	16.200	17.700

Table 18 - 6 dB Bandwidth Summary Results - MIMO CDD

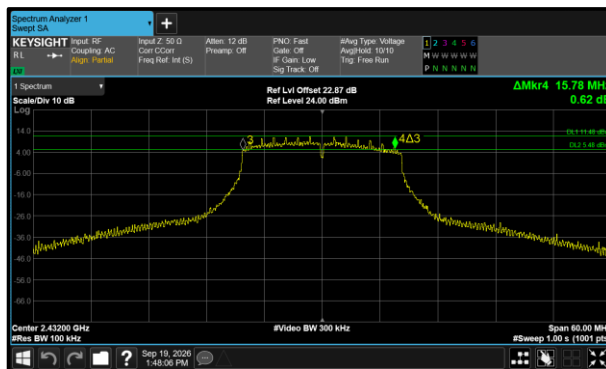


Figure 101 - 802.11g Minimum 6 dB EBW

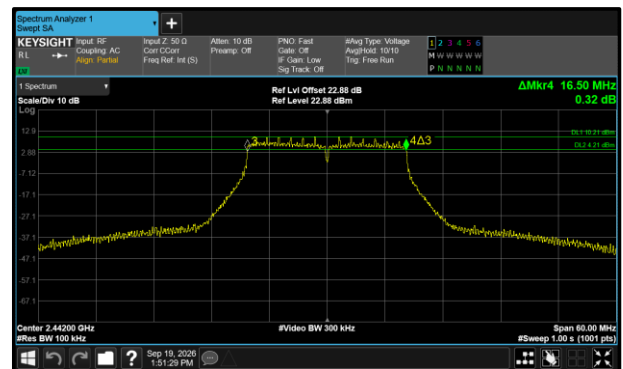


Figure 102 - 802.11g Maximum 6 dB EBW

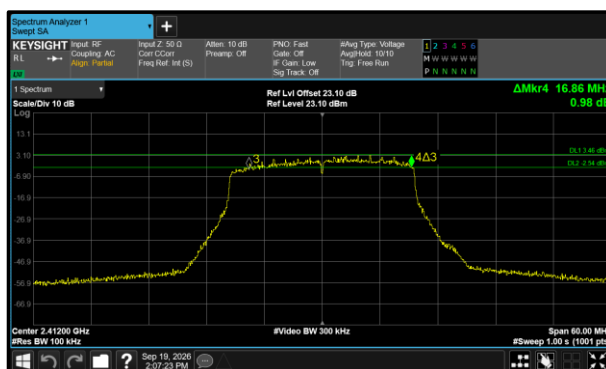


Figure 103 - 802.11ax HE20 SU Minimum 6 dB EBW

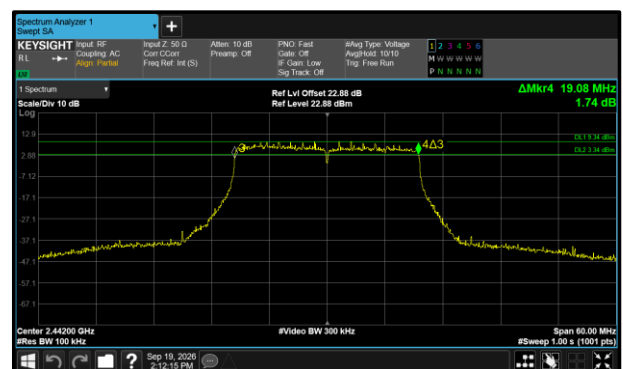


Figure 104 - 802.11ax HE20 SU Maximum 6 dB EBW

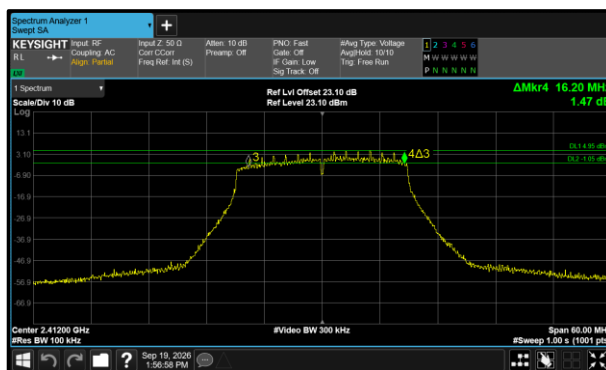


Figure 105 - 802.11n HT20 Minimum 6 dB EBW

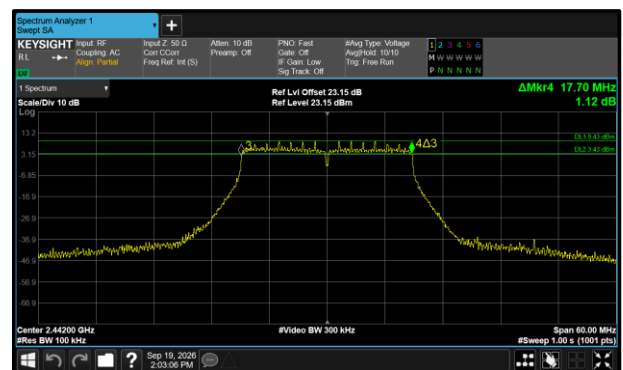


Figure 106 - 802.11n HT20 Maximum 6 dB EBW

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU	16.800	19.080
802.11n HT20	16.140	17.760

Table 19 - 6 dB Bandwidth Summary Results - MIMO SDM

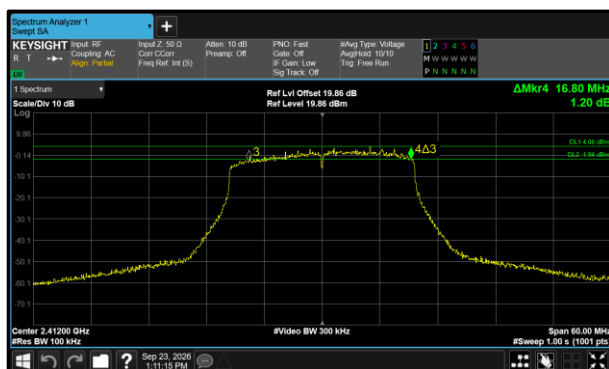


Figure 107 - 802.11ax HE20 SU Minimum 6 dB EBW

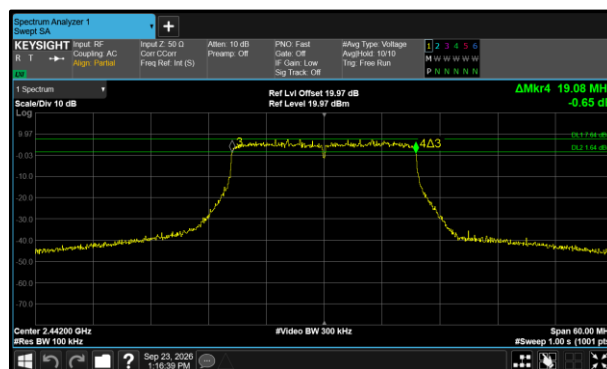


Figure 108 - 802.11ax HE20 SU Maximum 6 dB EBW

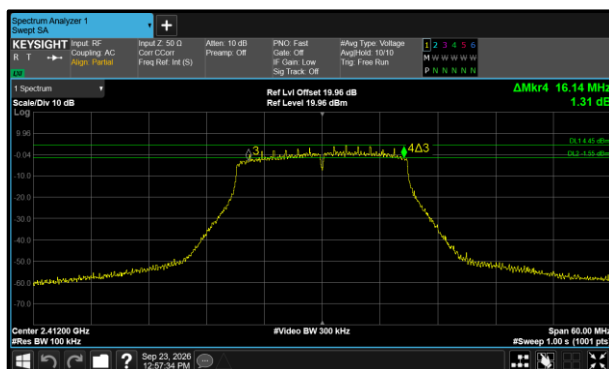


Figure 109 - 802.11n HT20 Minimum 6 dB EBW

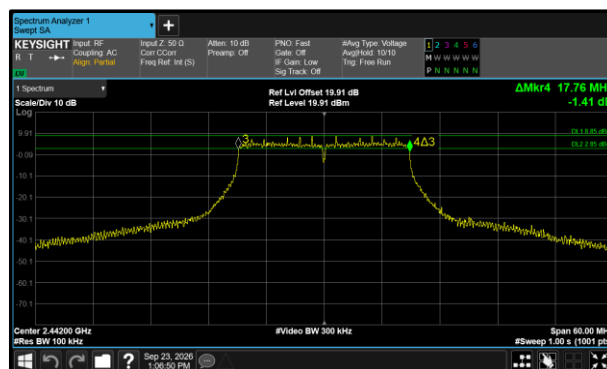


Figure 110 - 802.11n HT20 Maximum 6 dB EBW

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11ax HE20 SU	17.100	19.140
802.11ac VHT20	16.080	17.760

Table 20 - 6 dB Bandwidth Summary Results - TxBF

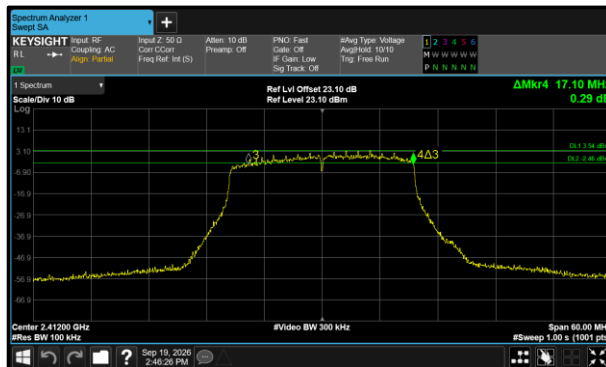


Figure 111 - 802.11ax HE20 SU Minimum 6 dB EBW

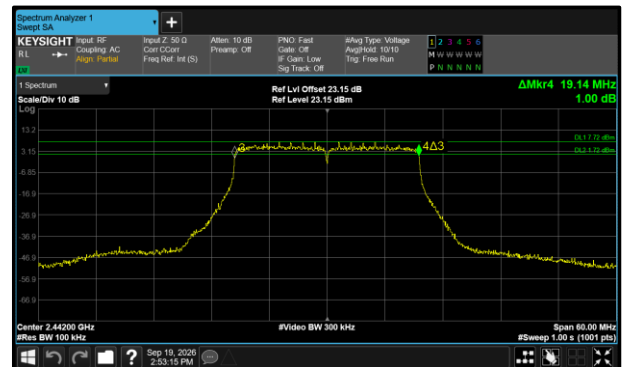


Figure 112 - 802.11ax HE20 SU Maximum 6 dB EBW

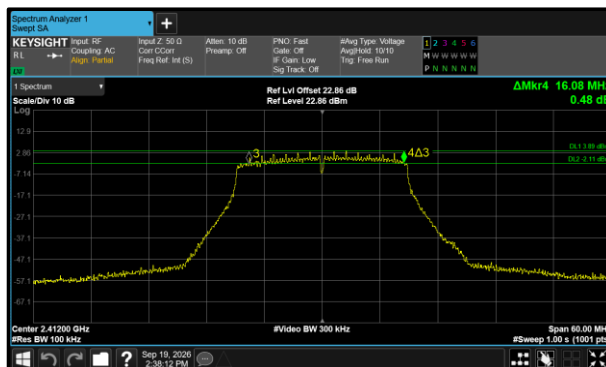


Figure 113 - 802.11ac VHT20 Minimum 6 dB EBW

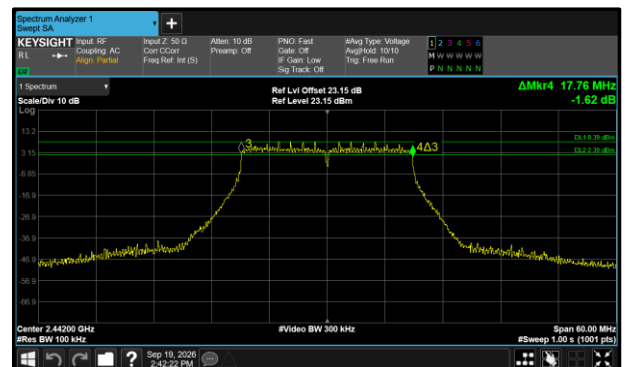


Figure 114 - 802.11ac VHT20 Maximum 6 dB EBW



Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	17.520	17.880
802.11ax HE20 SU	18.780	19.140

Table 21 - 99% Bandwidth Summary Results - MIMO SDM

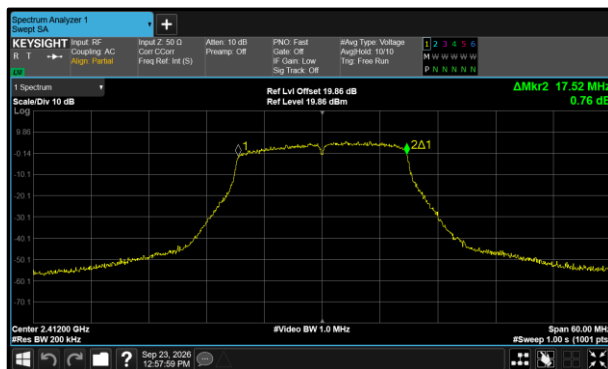


Figure 115 - 802.11n HT20 Minimum 99% OBW

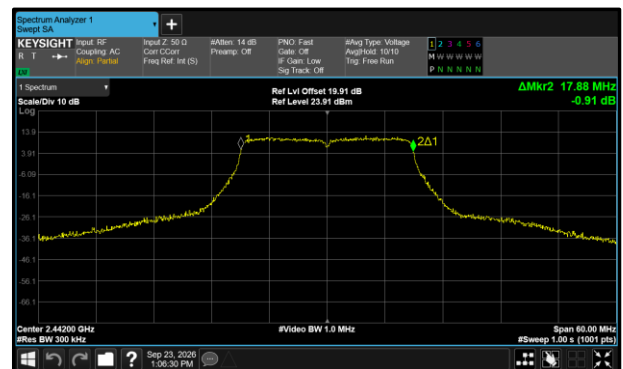


Figure 116 - 802.11n HT20 Maximum 99% OBW

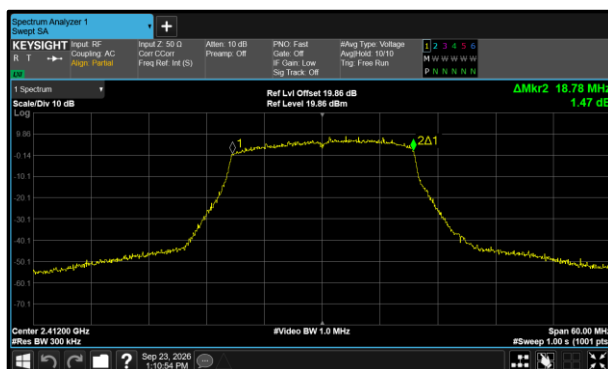


Figure 117 - 802.11ax HE20 SU Minimum 99% OBW

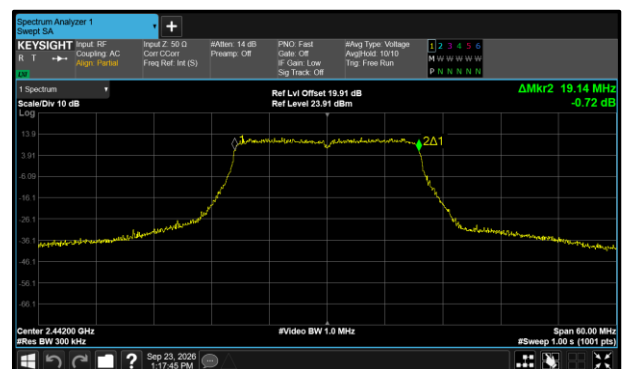


Figure 118 - 802.11ax HE20 SU Maximum 99% OBW

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11g	16.380	16.740
802.11n HT20	17.580	17.940
802.11ax HE20 SU	18.840	19.080

Table 22 - 99% Bandwidth Summary Results - MIMO CDD

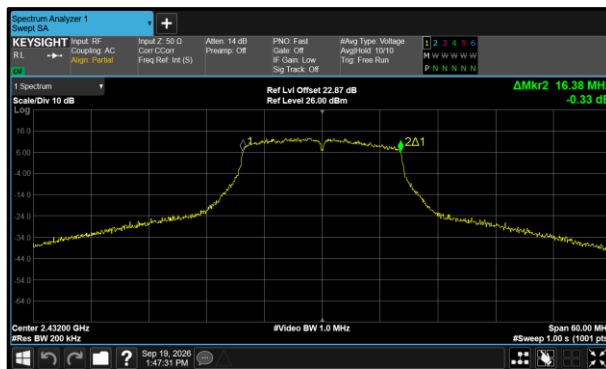


Figure 119 - 802.11g Minimum 99% OBW

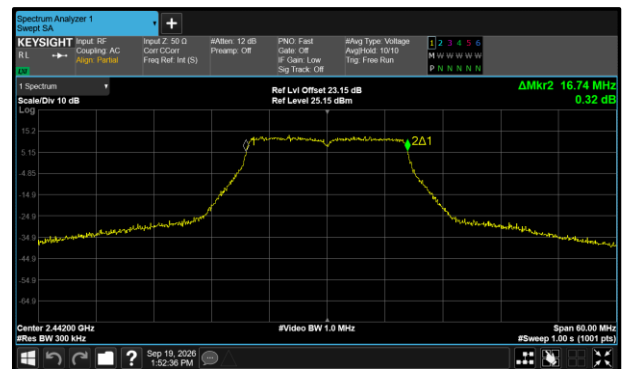


Figure 120 - 802.11g Maximum 99% OBW

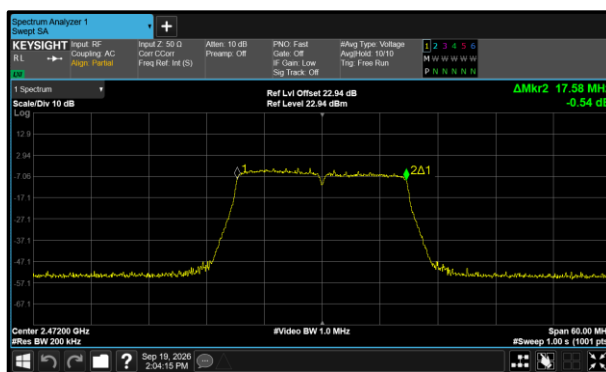


Figure 121 - 802.11n HT20 Minimum 99% OBW

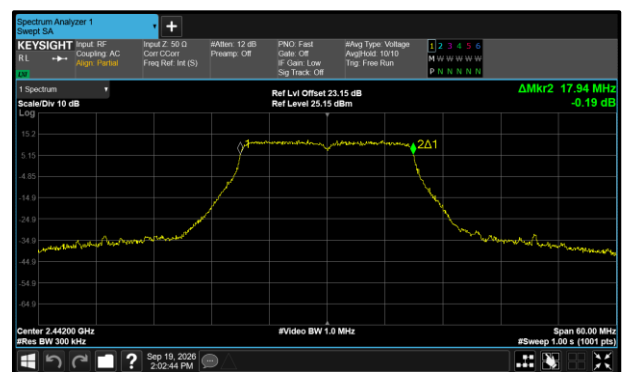


Figure 122 - 802.11n HT20 Maximum 99% OBW

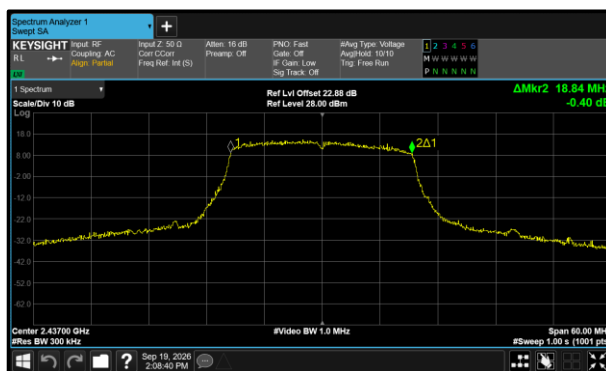


Figure 123 - 802.11ax HE20 SU Minimum 99% OBW

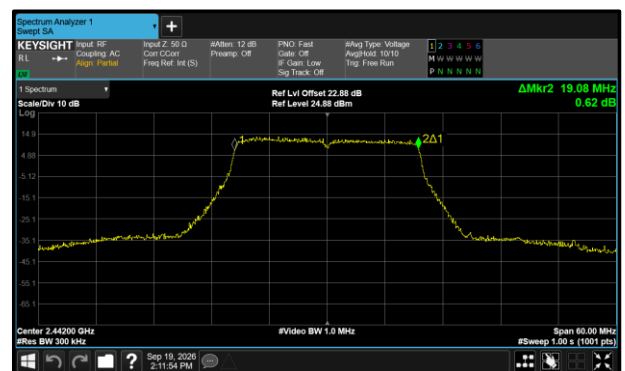


Figure 124 - 802.11ax HE20 SU Maximum 99% OBW

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11b	14.520	14.580
802.11g	16.440	16.800
802.11n HT20	17.640	17.880
802.11ax HE20 SU	18.840	19.140

Table 23 - 99% Bandwidth Summary Results - SISO

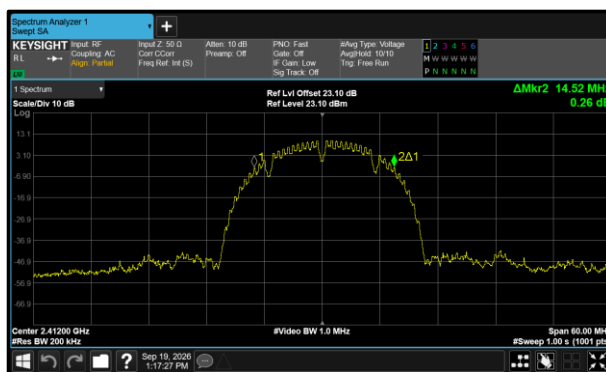


Figure 125 - 802.11b Minimum 99% OBW

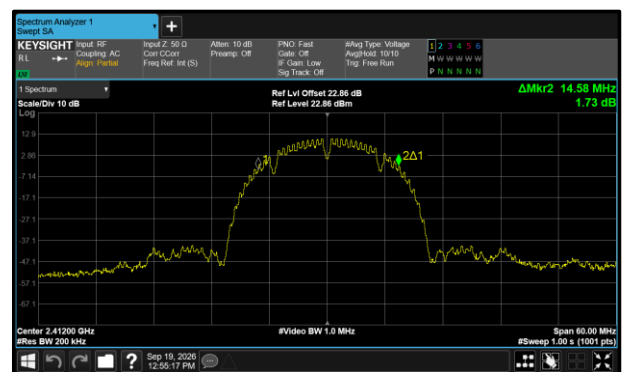


Figure 126 - 802.11b Maximum 99% OBW

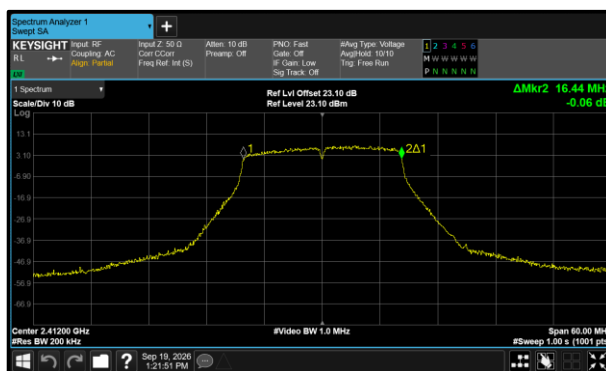


Figure 127 - 802.11g Minimum 99% OBW

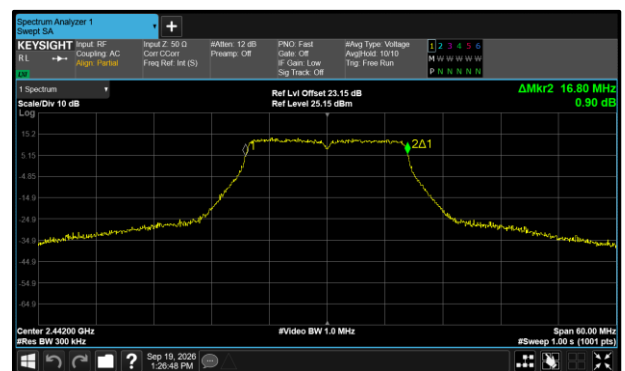


Figure 128 - 802.11g Maximum 99% OBW

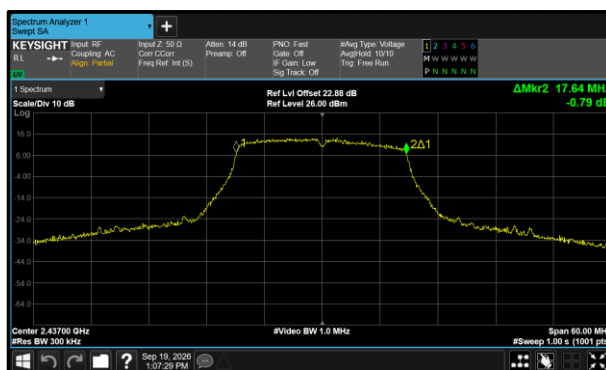


Figure 129 - 802.11n HT20 Minimum 99% OBW

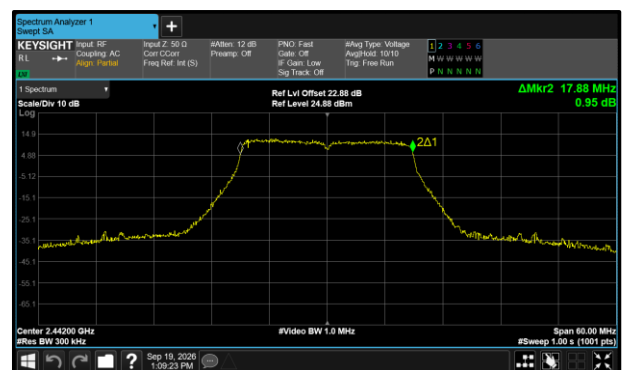


Figure 130 - 802.11n HT20 Maximum 99% OBW

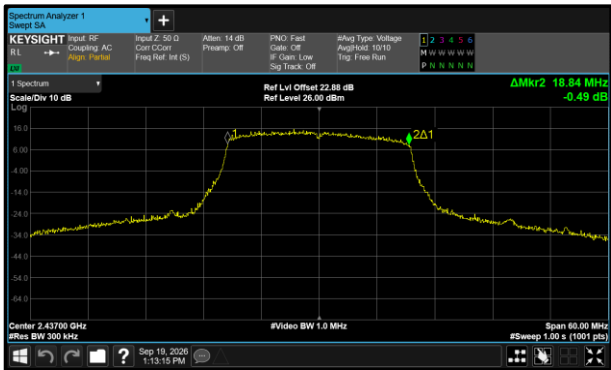


Figure 131 - 802.11ax HE20 SU Minimum 99% OBW

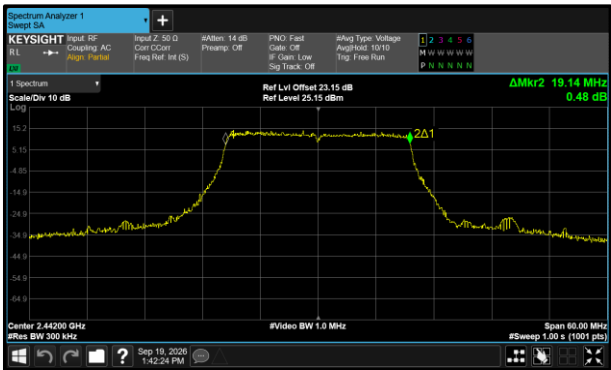


Figure 132 - 802.11ax HE20 SU Maximum 99% OBW

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11ac VHT20	17.640	17.940
802.11ax HE20 SU	18.840	19.140

Table 24 - 99% Bandwidth Summary Results - TxBF

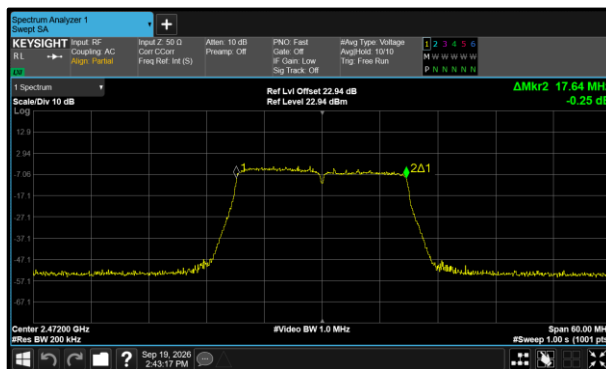


Figure 133 - 802.11ac VHT20 Minimum 99% OBW

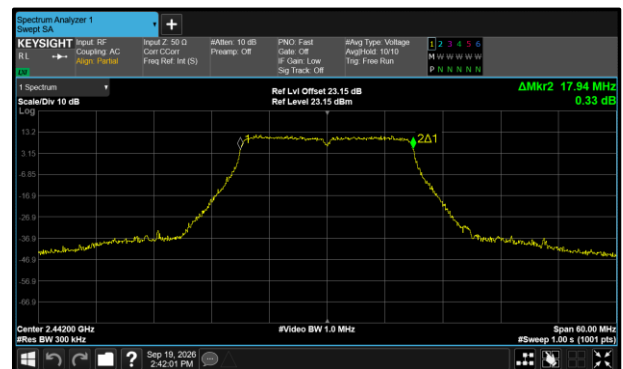


Figure 134 - 802.11ac VHT20 Maximum 99% OBW

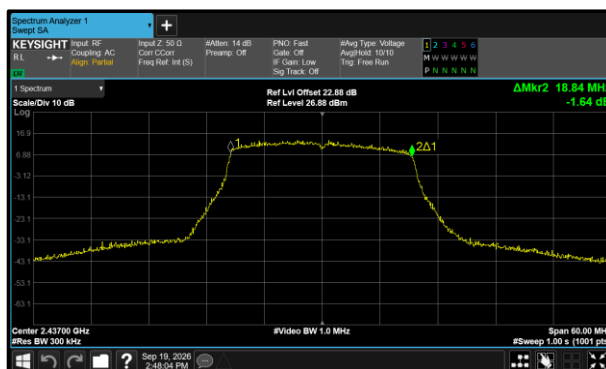


Figure 135 - 802.11ax HE20 SU Minimum 99% OBW

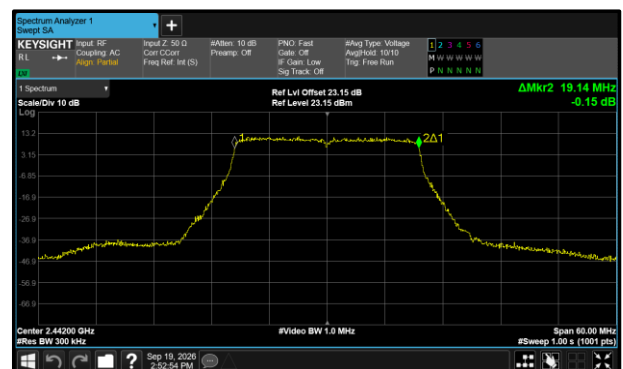


Figure 136 - 802.11ax HE20 SU Maximum 99% OBW



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 6.9.2
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	10.140	-	-	-	≥500.0
2442	10.140	-	-	-	≥500.0
2472	9.660	-	-	-	≥500.0

Table 25 - 6 dB Bandwidth Results

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

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 6.3.1 a)	Test Method(s):	C63.10 6.9.3 C63.10 6.9.2
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	16.080	-	-	-	≥500.0
2437	15.840	-	-	-	≥500.0
2442	16.500	-	-	-	≥500.0
2472	16.140	-	-	-	≥500.0

Table 27 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	16.500	-	-	-	-
2437	16.440	-	-	-	-
2442	16.740	-	-	-	-
2472	16.440	-	-	-	-

Table 28 - 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 C63.10 6.9.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	16.740	-	-	-	≥500.0
2437	16.380	-	-	-	≥500.0
2442	17.700	-	-	-	≥500.0
2472	17.400	-	-	-	≥500.0

Table 29 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	17.700	-	-	-	-
2437	17.640	-	-	-	-
2442	17.880	-	-	-	-
2472	17.640	-	-	-	-

Table 30 - 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 C63.10 6.9.2
Additional Reference(s):	-		

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

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	18.600	-	-	-	≥500.0
2437	18.000	-	-	-	≥500.0
2442	19.080	-	-	-	≥500.0
2472	18.900	-	-	-	≥500.0

Table 31 - 6 dB Bandwidth Results

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

Table 32 - 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 C63.10 6.9.2
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
2442	-	10.200	-	-	≥500.0
2472	-	9.660	-	-	≥500.0

Table 33 - 6 dB Bandwidth Results

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

Table 34 - 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 C63.10 6.9.2
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
2437	-	16.080	-	-	≥500.0
2442	-	16.500	-	-	≥500.0
2472	-	16.140	-	-	≥500.0

Table 35 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	16.440	-	-	-
2437	-	16.500	-	-	-
2442	-	16.800	-	-	-
2472	-	16.440	-	-	-

Table 36 - 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 C63.10 6.9.2
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)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	16.440	-	-	≥500.0
2437	-	16.440	-	-	≥500.0
2442	-	17.700	-	-	≥500.0
2472	-	17.400	-	-	≥500.0

Table 37 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	17.700	-	-	-
2437	-	17.700	-	-	-
2442	-	17.880	-	-	-
2472	-	17.640	-	-	-

Table 38 - 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 C63.10 6.9.2
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)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	-	17.700	-	-	≥500.0
2437	-	17.880	-	-	≥500.0
2442	-	19.080	-	-	≥500.0
2472	-	18.900	-	-	≥500.0

Table 39 - 6 dB Bandwidth Results

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

Table 40 - 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 C63.10 6.9.2
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	16.080	15.840	-	-	≥500.0
2432	15.780	15.840	-	-	≥500.0
2442	16.500	16.500	-	-	≥500.0
2472	16.440	16.500	-	-	≥500.0

Table 41 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	16.440	16.440	-	-	-
2432	16.380	16.380	-	-	-
2442	16.560	16.740	-	-	-
2472	16.440	16.440	-	-	-

Table 42 - 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 C63.10 6.9.2
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	16.380	16.200	-	-	≥500.0
2437	16.440	16.440	-	-	≥500.0
2442	17.400	17.700	-	-	≥500.0
2472	17.400	17.340	-	-	≥500.0

Table 43 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	17.700	17.700	-	-	-
2437	17.700	17.700	-	-	-
2442	17.880	17.940	-	-	-
2472	17.580	17.640	-	-	-

Table 44 - 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 C63.10 6.9.2
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	18.300	16.860	-	-	≥500.0
2437	18.180	18.000	-	-	≥500.0
2442	19.080	19.080	-	-	≥500.0
2472	18.960	18.960	-	-	≥500.0

Table 45 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	18.900	18.900	-	-	-
2437	18.840	18.900	-	-	-
2442	19.080	19.080	-	-	-
2472	18.960	18.960	-	-	-

Table 46 - 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 C63.10 6.9.2
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	16.140	16.140	-	-	≥500.0
2432	16.140	16.140	-	-	≥500.0
2442	17.700	17.760	-	-	≥500.0
2472	17.700	17.700	-	-	≥500.0

Table 47 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	17.640	17.520	-	-	-
2432	17.700	17.700	-	-	-
2442	17.820	17.880	-	-	-
2472	17.640	17.640	-	-	-

Table 48 - 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 C63.10 6.9.2
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	17.340	16.800	-	-	≥500.0
2437	18.180	18.420	-	-	≥500.0
2442	19.080	19.080	-	-	≥500.0
2472	19.020	19.080	-	-	≥500.0

Table 49 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	18.840	18.780	-	-	-
2437	18.900	18.900	-	-	-
2442	19.080	19.140	-	-	-
2472	19.020	18.960	-	-	-

Table 50 - 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 C63.10 6.9.2
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	16.080	16.380	-	-	≥500.0
2442	17.700	17.760	-	-	≥500.0
2472	17.340	17.340	-	-	≥500.0

Table 51 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	17.760	17.700	-	-	-
2442	17.880	17.940	-	-	-
2472	17.640	17.640	-	-	-

Table 52 - 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 C63.10 6.9.2
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	18.180	17.100	-	-	≥500.0
2437	17.280	17.880	-	-	≥500.0
2442	19.080	19.140	-	-	≥500.0
2472	18.600	19.020	-	-	≥500.0

Table 53 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
2412	18.900	18.900	-	-	-
2437	18.840	18.900	-	-	-
2442	19.080	19.140	-	-	-
2472	18.960	18.960	-	-	-

Table 54 - 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 Laboratory 1.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Multimeter	Iso-tech	IDM101	2421	12	11-Nov-2026
Hygrometer	Rotronic	HP21	4741	12	18-Jun-2027
USB Power Sensor	Boonton	RTP5006	5184	12	02-Sep-2027
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5528	24	10-Sep-2027
USB Power Sensor	Boonton	RTP5008	5833	12	02-Sep-2027
USB Power Sensor	Boonton	RTP5008	5834	12	02-Sep-2027
Modular Power System Mainframe	Keysight Technologies	N6701C	5835	-	TU
DC Power Module 60V 20A 300W	Keysight Technologies	N6754A	5836	-	O/P Mon
Climatic Chamber	Weiss Technik	TempEvent T/180/40/3	5894	-	O/P Mon
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6350	12	01-Sep-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6639	12	01-Sep-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	7137	12	01-Sep-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	7327	12	01-Sep-2027

Table 55

TU - Traceability Unscheduled

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 6.3.2
ISED RSS-GEN, Clause 6.12

2.3.2 Equipment Under Test and Modification State

A3469, S/N: MVG9J5GXR9 - Modification State 0

2.3.3 Date of Test

19-September-2026 to 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:

$$\text{CDD Directional Gain} = \text{Highest of the two individual gains}$$

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:

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

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:

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

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	5.5	5.7	5.7	5.6	8.6

Table 56 Peak Antenna Gains (Power)

2.3.5 Environmental Conditions

Ambient Temperature 20.5 - 23.5 °C
Relative Humidity 48.1 - 54.5 %



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):	5.50
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	19.47	-	-	-	-	30.00	-10.53
2442	19.30	-	-	-	-	30.00	-10.70
2472	13.76	-	-	-	-	30.00	-16.24

Table 57 - 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	19.47	-	-	-	-	30.00	-10.53	24.97	36.00	-11.03
2442	19.30	-	-	-	-	30.00	-10.70	24.80	36.00	-11.20
2472	13.76	-	-	-	-	30.00	-16.24	19.26	36.00	-16.74

Table 58 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11g	Duty Cycle (%):	97.3
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
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	17.42	-	-	-	-	30.00	-12.58
2437	21.87	-	-	-	-	30.00	-8.13
2442	20.88	-	-	-	-	30.00	-9.12
2472	9.43	-	-	-	-	30.00	-20.57

Table 59 - 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	17.42	-	-	-	-	30.00	-12.58	22.92	36.00	-13.08
2437	21.87	-	-	-	-	30.00	-8.13	27.37	36.00	-8.63
2442	20.88	-	-	-	-	30.00	-9.12	26.38	36.00	-9.62
2472	9.43	-	-	-	-	30.00	-20.57	14.93	36.00	-21.07

Table 60 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
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	16.51	-	-	-	-	30.00	-13.49
2437	21.56	-	-	-	-	30.00	-8.44
2442	20.56	-	-	-	-	30.00	-9.44
2472	8.91	-	-	-	-	30.00	-21.09

Table 61 - 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	16.51	-	-	-	-	30.00	-13.49	22.01	36.00	-13.99
2437	21.56	-	-	-	-	30.00	-8.44	27.06	36.00	-8.94
2442	20.56	-	-	-	-	30.00	-9.44	26.06	36.00	-9.94
2472	8.91	-	-	-	-	30.00	-21.09	14.41	36.00	-21.59

Table 62 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	99.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
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	16.28	-	-	-	-	30.00	-13.72
2437	21.80	-	-	-	-	30.00	-8.20
2442	20.74	-	-	-	-	30.00	-9.26
2472	5.35	-	-	-	-	30.00	-24.65

Table 63 - 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	16.28	-	-	-	-	30.00	-13.72	21.78	36.00	-14.22
2437	21.80	-	-	-	-	30.00	-8.20	27.30	36.00	-8.70
2442	20.74	-	-	-	-	30.00	-9.26	26.24	36.00	-9.76
2472	5.35	-	-	-	-	30.00	-24.65	10.85	36.00	-25.15

Table 64 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	98.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
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 (RU26.0)	12.97	-	-	-	-	30.00	-17.03
2442 (RU26.0)	12.78	-	-	-	-	30.00	-17.22
2472 (RU26.8)	-4.65	-	-	-	-	30.00	-34.65

Table 65 - 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 (RU26.0)	12.97	-	-	-	-	30.00	-17.03	18.47	36.00	-17.53
2442 (RU26.0)	12.78	-	-	-	-	30.00	-17.22	18.28	36.00	-17.72
2472 (RU26.8)	-4.65	-	-	-	-	30.00	-34.65	0.85	36.00	-35.15

Table 66 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
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 (RU52.37)	15.76	-	-	-	-	30.00	-14.24
2442 (RU52.37)	15.97	-	-	-	-	30.00	-14.03
2472 (RU52.40)	-1.66	-	-	-	-	30.00	-31.66

Table 67 - 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 (RU52.37)	15.76	-	-	-	-	30.00	-14.24	21.26	36.00	-14.74
2442 (RU52.37)	15.97	-	-	-	-	30.00	-14.03	21.47	36.00	-14.53
2472 (RU52.40)	-1.66	-	-	-	-	30.00	-31.66	3.84	36.00	-32.16

Table 68 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
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 (RU106.53)	16.95	-	-	-	-	30.00	-13.05
2442 (RU106.53)	18.79	-	-	-	-	30.00	-11.21
2472 (RU106.54)	0.25	-	-	-	-	30.00	-29.75

Table 69 - 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 (RU106.53)	16.95	-	-	-	-	30.00	-13.05	22.45	36.00	-13.55
2442 (RU106.53)	18.79	-	-	-	-	30.00	-11.21	24.29	36.00	-11.71
2472 (RU106.54)	0.25	-	-	-	-	30.00	-29.75	5.75	36.00	-30.25

Table 70 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11be EHT20 RU Size 52 + RU Size 26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
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 (RU Size 52 + RU Size 26.70)	17.01	-	-	-	-	30.00	-12.99
2442 (RU Size 52 + RU Size 26.70)	17.18	-	-	-	-	30.00	-12.82
2472 (RU Size 52 + RU Size 26.72)	-0.53	-	-	-	-	30.00	-30.53

Table 71 - 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 (RU Size 52 + RU Size 26.70)	17.01	-	-	-	-	30.00	-12.99	22.51	36.00	-13.49
2442 (RU Size 52 + RU Size 26.70)	17.18	-	-	-	-	30.00	-12.82	22.68	36.00	-13.32
2472 (RU Size 52 + RU Size 26.72)	-0.53	-	-	-	-	30.00	-30.53	4.97	36.00	-31.03

Table 72 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11be EHT20 RU Size 106 + RU Size 26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
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 (RU Size 106 + RU Size 26.82)	17.69	-	-	-	-	30.00	-12.31
2442 (RU Size 106 + RU Size 26.82)	19.23	-	-	-	-	30.00	-10.77
2472 (RU Size 106 + RU Size 26.83)	0.39	-	-	-	-	30.00	-29.61

Table 73 - 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 (RU Size 106 + RU Size 26.82)	17.69	-	-	-	-	30.00	-12.31	23.19	36.00	-12.81
2442 (RU Size 106 + RU Size 26.82)	19.23	-	-	-	-	30.00	-10.77	24.73	36.00	-11.27
2472 (RU Size 106 + RU Size 26.83)	0.39	-	-	-	-	30.00	-29.61	5.89	36.00	-30.11

Table 74 - 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 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):	5.70
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	-	18.51	-	-	-	30.00	-11.49
2442	-	19.12	-	-	-	30.00	-10.88
2472	-	14.65	-	-	-	30.00	-15.35

Table 75 - 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	-	18.51	-	-	-	30.00	-11.49	24.21	36.00	-11.79
2442	-	19.12	-	-	-	30.00	-10.88	24.82	36.00	-11.18
2472	-	14.65	-	-	-	30.00	-15.35	20.35	36.00	-15.65

Table 76 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11g	Duty Cycle (%):	97.3
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
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	-	17.10	-	-	-	30.00	-12.90
2437	-	21.63	-	-	-	30.00	-8.37
2442	-	20.55	-	-	-	30.00	-9.45
2472	-	9.50	-	-	-	30.00	-20.50

Table 77 - 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	-	17.10	-	-	-	30.00	-12.90	22.80	36.00	-13.20
2437	-	21.63	-	-	-	30.00	-8.37	27.33	36.00	-8.67
2442	-	20.55	-	-	-	30.00	-9.45	26.25	36.00	-9.75
2472	-	9.50	-	-	-	30.00	-20.50	15.20	36.00	-20.80

Table 78 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
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	-	16.91	-	-	-	30.00	-13.09
2437	-	21.80	-	-	-	30.00	-8.20
2442	-	20.77	-	-	-	30.00	-9.23
2472	-	9.14	-	-	-	30.00	-20.86

Table 79 - 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	-	16.91	-	-	-	30.00	-13.09	22.61	36.00	-13.39
2437	-	21.80	-	-	-	30.00	-8.20	27.50	36.00	-8.50
2442	-	20.77	-	-	-	30.00	-9.23	26.47	36.00	-9.53
2472	-	9.14	-	-	-	30.00	-20.86	14.84	36.00	-21.16

Table 80 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	99.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
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	-	16.15	-	-	-	30.00	-13.85
2437	-	21.50	-	-	-	30.00	-8.50
2442	-	20.75	-	-	-	30.00	-9.25
2472	-	6.48	-	-	-	30.00	-23.52

Table 81 - 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	-	-	-	30.00	-13.85	21.85	36.00	-14.15
2437	-	21.50	-	-	-	30.00	-8.50	27.20	36.00	-8.80
2442	-	20.75	-	-	-	30.00	-9.25	26.45	36.00	-9.55
2472	-	6.48	-	-	-	30.00	-23.52	12.18	36.00	-23.82

Table 82 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
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 (RU26.0)	-	12.94	-	-	-	30.00	-17.06
2442 (RU26.0)	-	12.86	-	-	-	30.00	-17.14
2472 (RU26.8)	-	-4.59	-	-	-	30.00	-34.59

Table 83 - 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 (RU26.0)	-	12.94	-	-	-	30.00	-17.06	18.64	36.00	-17.36
2442 (RU26.0)	-	12.86	-	-	-	30.00	-17.14	18.56	36.00	-17.44
2472 (RU26.8)	-	-4.59	-	-	-	30.00	-34.59	1.11	36.00	-34.89

Table 84 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
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 (RU52.37)	-	15.81	-	-	-	30.00	-14.19
2442 (RU52.37)	-	15.89	-	-	-	30.00	-14.11
2472 (RU52.40)	-	-1.67	-	-	-	30.00	-31.67

Table 85 - 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 (RU52.37)	-	15.81	-	-	-	30.00	-14.19	21.51	36.00	-14.49
2442 (RU52.37)	-	15.89	-	-	-	30.00	-14.11	21.59	36.00	-14.41
2472 (RU52.40)	-	-1.67	-	-	-	30.00	-31.67	4.03	36.00	-31.97

Table 86 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
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 (RU106.53)	-	16.81	-	-	-	30.00	-13.19
2442 (RU106.53)	-	18.78	-	-	-	30.00	-11.22
2472 (RU106.54)	-	0.46	-	-	-	30.00	-29.54

Table 87 - 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 (RU106.53)	-	16.81	-	-	-	30.00	-13.19	22.51	36.00	-13.49
2442 (RU106.53)	-	18.78	-	-	-	30.00	-11.22	24.48	36.00	-11.52
2472 (RU106.54)	-	0.46	-	-	-	30.00	-29.54	6.16	36.00	-29.84

Table 88 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11be EHT20 RU Size 52 + RU Size 26	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
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 (RU Size 52 + RU Size 26.70)	-	17.32	-	-	-	30.00	-12.68
2442 (RU Size 52 + RU Size 26.70)	-	17.31	-	-	-	30.00	-12.69
2472 (RU Size 52 + RU Size 26.72)	-	-0.06	-	-	-	30.00	-30.06

Table 89 - 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 (RU Size 52 + RU Size 26.70)	-	17.32	-	-	-	30.00	-12.68	23.02	36.00	-12.98
2442 (RU Size 52 + RU Size 26.70)	-	17.31	-	-	-	30.00	-12.69	23.01	36.00	-12.99
2472 (RU Size 52 + RU Size 26.72)	-	-0.06	-	-	-	30.00	-30.06	5.64	36.00	-30.36

Table 90 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11be EHT20 RU Size 106 + RU Size 26	Duty Cycle (%):	100.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
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 (RU Size 106 + RU Size 26.82)	-	17.64	-	-	-	30.00	-12.36
2442 (RU Size 106 + RU Size 26.82)	-	19.45	-	-	-	30.00	-10.55
2472 (RU Size 106 + RU Size 26.83)	-	0.22	-	-	-	30.00	-29.78

Table 91 - 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 (RU Size 106 + RU Size 26.82)	-	17.64	-	-	-	30.00	-12.36	23.34	36.00	-12.66
2442 (RU Size 106 + RU Size 26.82)	-	19.45	-	-	-	30.00	-10.55	25.15	36.00	-10.85
2472 (RU Size 106 + RU Size 26.83)	-	0.22	-	-	-	30.00	-29.78	5.92	36.00	-30.08

Table 92 - 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 6.3.2	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:	802.11g	Duty Cycle (%):	97.3
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.70
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	14.94	14.12	-	-	17.55	30.00	-12.45
2432	21.70	20.90	-	-	24.32	30.00	-5.68
2442	20.83	20.06	-	-	23.47	30.00	-6.53
2472	5.92	4.94	-	-	8.46	30.00	-21.54

Table 93 - 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	14.94	14.12	-	-	17.55	30.00	-12.45	23.25	36.00	-12.75
2432	21.70	20.90	-	-	24.32	30.00	-5.68	30.02	36.00	-5.98
2442	20.83	20.06	-	-	23.47	30.00	-6.53	29.17	36.00	-6.83
2472	5.92	4.94	-	-	8.46	30.00	-21.54	14.16	36.00	-21.84

Table 94 - 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 6.3.2	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 (%):	99.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.70
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	15.11	14.42	-	-	17.78	30.00	-12.22
2437	21.52	20.84	-	-	24.20	30.00	-5.80
2442	20.49	19.81	-	-	23.17	30.00	-6.83
2472	5.84	5.03	-	-	8.46	30.00	-21.54

Table 95 - 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	15.11	14.42	-	-	17.78	30.00	-12.22	23.48	36.00	-12.52
2437	21.52	20.84	-	-	24.20	30.00	-5.80	29.90	36.00	-6.10
2442	20.49	19.81	-	-	23.17	30.00	-6.83	28.87	36.00	-7.13
2472	5.84	5.03	-	-	8.46	30.00	-21.54	14.16	36.00	-21.84

Table 96 - 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 6.3.2	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 (%):	99.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.70
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	14.03	13.38	-	-	16.73	30.00	-13.27
2437	21.50	20.88	-	-	24.20	30.00	-5.80
2442	20.32	19.57	-	-	22.97	30.00	-7.03
2472	3.41	2.59	-	-	6.02	30.00	-23.98

Table 97 - 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	14.03	13.38	-	-	16.73	30.00	-13.27	22.43	36.00	-13.57
2437	21.50	20.88	-	-	24.20	30.00	-5.80	29.90	36.00	-6.10
2442	20.32	19.57	-	-	22.97	30.00	-7.03	28.67	36.00	-7.33
2472	3.41	2.59	-	-	6.02	30.00	-23.98	11.72	36.00	-24.28

Table 98 - 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 6.3.2	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 (%):	98.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.70
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 (RU26.0)	12.97	12.18	-	-	15.60	30.00	-14.40
2442 (RU26.0)	12.77	12.57	-	-	15.67	30.00	-14.33
2472 (RU26.8)	-7.61	-8.30	-	-	-5.09	30.00	-35.09

Table 99 - 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 (RU26.0)	12.97	12.18	-	-	15.60	30.00	-14.40	21.30	36.00	-14.70
2442 (RU26.0)	12.77	12.57	-	-	15.67	30.00	-14.33	21.37	36.00	-14.63
2472 (RU26.8)	-7.61	-8.30	-	-	-5.09	30.00	-35.09	0.61	36.00	-35.39

Table 100 - 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 6.3.2	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 (%):	98.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.70
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 (RU52.37)	15.85	15.05	-	-	18.48	30.00	-11.52
2442 (RU52.37)	15.93	15.77	-	-	18.86	30.00	-11.14
2472 (RU52.40)	-5.56	-7.49	-	-	-3.42	30.00	-33.42

Table 101 - 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 (RU52.37)	15.85	15.05	-	-	18.48	30.00	-11.52	24.18	36.00	-11.82
2442 (RU52.37)	15.93	15.77	-	-	18.86	30.00	-11.14	24.56	36.00	-11.44
2472 (RU52.40)	-5.56	-7.49	-	-	-3.42	30.00	-33.42	2.28	36.00	-33.72

Table 102 - 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 6.3.2	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 (%):	98.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.70
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 (RU106.53)	15.79	15.18	-	-	18.50	30.00	-11.50
2442 (RU106.53)	18.74	18.66	-	-	21.71	30.00	-8.29
2472 (RU106.54)	-2.55	-3.86	-	-	-0.14	30.00	-30.14

Table 103 - 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 (RU106.53)	15.79	15.18	-	-	18.50	30.00	-11.50	24.20	36.00	-11.80
2442 (RU106.53)	18.74	18.66	-	-	21.71	30.00	-8.29	27.41	36.00	-8.59
2472 (RU106.54)	-2.55	-3.86	-	-	-0.14	30.00	-30.14	5.56	36.00	-30.44

Table 104 - 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 6.3.2	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:	802.11be EHT20 RU Size 52 + RU Size 26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.70
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 (RU Size 52 + RU Size 26.70)	15.63	15.01	-	-	18.33	30.00	-11.67
2442 (RU Size 52 + RU Size 26.70)	17.20	17.08	-	-	20.15	30.00	-9.85
2472 (RU Size 52 + RU Size 26.72)	-4.02	-5.58	-	-	-1.73	30.00	-31.73

Table 105 - 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 (RU Size 52 + RU Size 26.70)	15.63	15.01	-	-	18.33	30.00	-11.67	24.03	36.00	-11.97
2442 (RU Size 52 + RU Size 26.70)	17.20	17.08	-	-	20.15	30.00	-9.85	25.85	36.00	-10.15
2472 (RU Size 52 + RU Size 26.72)	-4.02	-5.58	-	-	-1.73	30.00	-31.73	3.97	36.00	-32.03

Table 106 - 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 6.3.2	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:	802.11be EHT20 RU Size 106 + RU Size 26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	5.70
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 (RU Size 106 + RU Size 26.82)	15.80	15.28	-	-	18.55	30.00	-11.45
2442 (RU Size 106 + RU Size 26.82)	19.21	19.14	-	-	22.18	30.00	-7.82
2472 (RU Size 106 + RU Size 26.83)	-1.69	-2.85	-	-	0.77	30.00	-29.23

Table 107 - 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 (RU Size 106 + RU Size 26.82)	15.80	15.28	-	-	18.55	30.00	-11.45	24.25	36.00	-11.75
2442 (RU Size 106 + RU Size 26.82)	19.21	19.14	-	-	22.18	30.00	-7.82	27.88	36.00	-8.12
2472 (RU Size 106 + RU Size 26.83)	-1.69	-2.85	-	-	0.77	30.00	-29.23	6.47	36.00	-29.53

Table 108 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	99.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.60
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	14.94	14.89	-	-	17.91	30.00	-12.09
2432	21.15	21.31	-	-	24.24	30.00	-5.76
2442	19.88	19.94	-	-	22.91	30.00	-7.09
2472	5.82	5.37	-	-	8.61	30.00	-21.39

Table 109 - 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	14.94	14.89	-	-	17.91	30.00	-12.09	23.52	36.00	-12.48
2432	21.15	21.31	-	-	24.24	30.00	-5.76	29.84	36.00	-6.16
2442	19.88	19.94	-	-	22.91	30.00	-7.09	28.52	36.00	-7.48
2472	5.82	5.37	-	-	8.61	30.00	-21.39	14.21	36.00	-21.79

Table 110 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	99.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.60
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	14.47	14.35	-	-	17.42	30.00	-12.58
2437	21.21	21.34	-	-	24.29	30.00	-5.71
2442	19.54	19.64	-	-	22.59	30.00	-7.41
2472	3.88	3.38	-	-	6.65	30.00	-23.35

Table 111 - 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	14.47	14.35	-	-	17.42	30.00	-12.58	23.02	36.00	-12.98
2437	21.21	21.34	-	-	24.29	30.00	-5.71	29.89	36.00	-6.11
2442	19.54	19.64	-	-	22.59	30.00	-7.41	28.19	36.00	-7.81
2472	3.88	3.38	-	-	6.65	30.00	-23.35	12.25	36.00	-23.75

Table 112 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.60
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 (RU26.0)	12.97	12.27	-	-	15.64	30.00	-14.36
2442 (RU26.0)	12.96	12.98	-	-	15.97	30.00	-14.03
2472 (RU26.8)	-6.61	-7.90	-	-	-4.20	30.00	-34.20

Table 113 - 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 (RU26.0)	12.97	12.27	-	-	15.64	30.00	-14.36	21.24	36.00	-14.76
2442 (RU26.0)	12.96	12.98	-	-	15.97	30.00	-14.03	21.57	36.00	-14.43
2472 (RU26.8)	-6.61	-7.90	-	-	-4.20	30.00	-34.20	1.40	36.00	-34.60

Table 114 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.60
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 (RU52.37)	15.79	15.23	-	-	18.53	30.00	-11.47
2442 (RU52.37)	15.85	15.83	-	-	18.85	30.00	-11.15
2472 (RU52.40)	-4.81	-5.90	-	-	-2.32	30.00	-32.32

Table 115 - 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 (RU52.37)	15.79	15.23	-	-	18.53	30.00	-11.47	24.13	36.00	-11.87
2442 (RU52.37)	15.85	15.83	-	-	18.85	30.00	-11.15	24.45	36.00	-11.55
2472 (RU52.40)	-4.81	-5.90	-	-	-2.32	30.00	-32.32	3.28	36.00	-32.72

Table 116 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.60
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 (RU106.53)	15.78	15.31	-	-	18.56	30.00	-11.44
2442 (RU106.53)	18.75	18.70	-	-	21.73	30.00	-8.27
2472 (RU106.54)	-1.78	-2.50	-	-	0.89	30.00	-29.11

Table 117 - 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 (RU106.53)	15.78	15.31	-	-	18.56	30.00	-11.44	24.16	36.00	-11.84
2442 (RU106.53)	18.75	18.70	-	-	21.73	30.00	-8.27	27.33	36.00	-8.67
2472 (RU106.54)	-1.78	-2.50	-	-	0.89	30.00	-29.11	6.49	36.00	-29.51

Table 118 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11be EHT20 RU Size 52 + RU Size 26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.60
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 (RU Size 52 + RU Size 26.70)	15.55	15.18	-	-	18.37	30.00	-11.63
2442 (RU Size 52 + RU Size 26.70)	17.40	17.42	-	-	20.42	30.00	-9.58
2472 (RU Size 52 + RU Size 26.72)	-4.76	-5.80	-	-	-2.24	30.00	-32.24

Table 119 - 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 (RU Size 52 + RU Size 26.70)	15.55	15.18	-	-	18.37	30.00	-11.63	23.98	36.00	-12.02
2442 (RU Size 52 + RU Size 26.70)	17.40	17.42	-	-	20.42	30.00	-9.58	26.02	36.00	-9.98
2472 (RU Size 52 + RU Size 26.72)	-4.76	-5.80	-	-	-2.24	30.00	-32.24	3.36	36.00	-32.64

Table 120 - 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 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11be EHT20 RU Size 106 + RU Size 26	Duty Cycle (%):	97.3
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	-
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.60
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 (RU Size 106 + RU Size 26.82)	16.24	16.00	-	-	19.13	30.00	-10.87
2442 (RU Size 106 + RU Size 26.82)	19.39	19.43	-	-	22.42	30.00	-7.58
2472 (RU Size 106 + RU Size 26.83)	-1.86	-2.57	-	-	0.81	30.00	-29.19

Table 121 - 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 (RU Size 106 + RU Size 26.82)	16.24	16.00	-	-	19.13	30.00	-10.87	24.73	36.00	-11.27
2442 (RU Size 106 + RU Size 26.82)	19.39	19.43	-	-	22.42	30.00	-7.58	28.02	36.00	-7.98
2472 (RU Size 106 + RU Size 26.83)	-1.86	-2.57	-	-	0.81	30.00	-29.19	6.41	36.00	-29.59

Table 122 - 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) 15.247 (b)(4) RSS-247 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ac VHT20	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.61
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	14.03	13.64	-	-	16.85	27.39	-10.54
2442	19.79	19.25	-	-	22.52	27.39	-4.86
2472	5.92	5.15	-	-	8.56	27.39	-18.82

Table 123 - 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	14.03	13.64	-	-	16.85	30.00	-13.15	25.46	36.00	-10.54
2442	19.79	19.25	-	-	22.52	30.00	-7.48	31.14	36.00	-4.86
2472	5.92	5.15	-	-	8.56	30.00	-21.44	17.18	36.00	-18.82

Table 124 - 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) 15.247 (b)(4) RSS-247 6.3.2	Test Method(s):	C63.10 11.9.2.3.2
Additional Reference(s):	662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)1)		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.61
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	13.91	13.58	-	-	16.75	27.39	-10.64
2437	19.82	19.24	-	-	22.55	27.39	-4.84
2442	19.35	18.76	-	-	22.05	27.39	-5.34
2472	2.78	2.07	-	-	5.45	27.39	-21.94

Table 125 - 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	13.91	13.58	-	-	16.75	30.00	-13.25	25.36	36.00	-10.64
2437	19.82	19.24	-	-	22.55	30.00	-7.45	31.16	36.00	-4.84
2442	19.35	18.76	-	-	22.05	30.00	-7.95	30.66	36.00	-5.34
2472	2.78	2.07	-	-	5.45	30.00	-24.55	14.06	36.00	-21.94

Table 126 - ISSED Maximum Conducted (average) Output Power Results

FCC 47 CFR Part 15, Limit Clause 15.247 (b)(1) and (a)(1)

For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.



ISED RSS-247, Limit Clause 6.3.2

For DTS operating in the band 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1W, and the e.i.r.p. shall not exceed 4 W, except as provided in section 6.5 a) and b).

As an alternative to a peak power measurement, compliance can be based on a measurement of the maximum conducted output power.

2.3.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 1.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Multimeter	Iso-tech	IDM101	2421	12	11-Nov-2026
Hygrometer	Rotronic	HP21	4741	12	18-Jun-2027
USB Power Sensor	Boonton	RTP5006	5184	12	02-Sep-2027
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5528	24	10-Sep-2027
USB Power Sensor	Boonton	RTP5008	5833	12	02-Sep-2027
USB Power Sensor	Boonton	RTP5008	5834	12	02-Sep-2027
Modular Power System Mainframe	Keysight Technologies	N6701C	5835	-	TU
DC Power Module 60V 20A 300W	Keysight Technologies	N6754A	5836	-	O/P Mon
Climatic Chamber	Weiss Technik	TempEvent T/180/40/3	5894	-	O/P Mon
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6350	12	01-Sep-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6639	12	01-Sep-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	7137	12	01-Sep-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	7327	12	01-Sep-2027

Table 127

TU - Traceability Unscheduled

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 6.6

2.4.2 Equipment Under Test and Modification State

A3469, S/N: CGQ3MY5262 - Modification State 0
A3469, S/N: LRP73KYLXX - Modification State 0
A3469, S/N: C6V3CV06VH - Modification State 0

2.4.3 Date of Test

31-July-2026 to 06-August-2026

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	19.3 - 24.5 °C
Relative Humidity	33.4 - 51.7 %