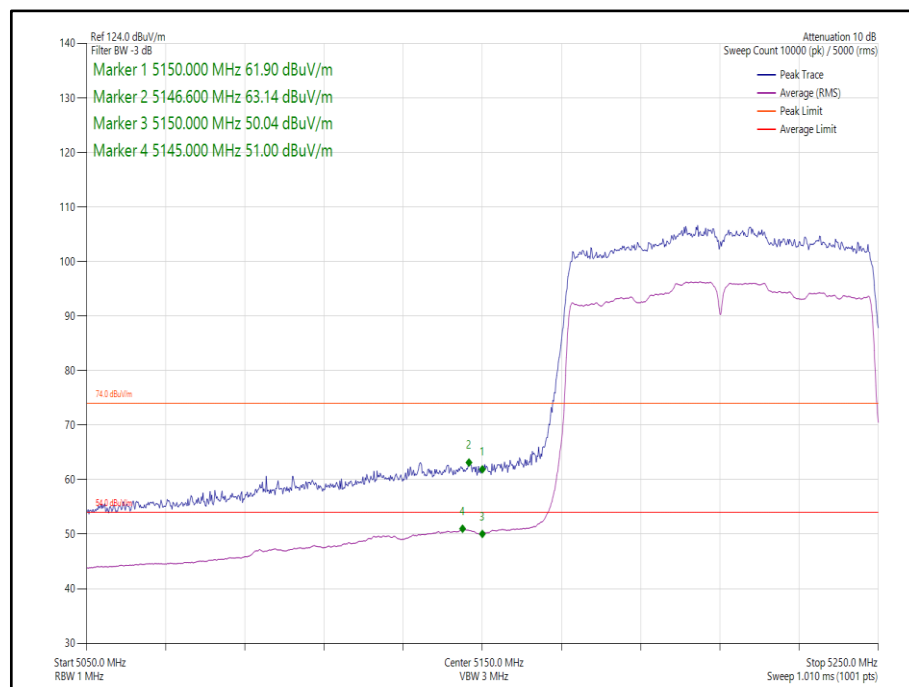




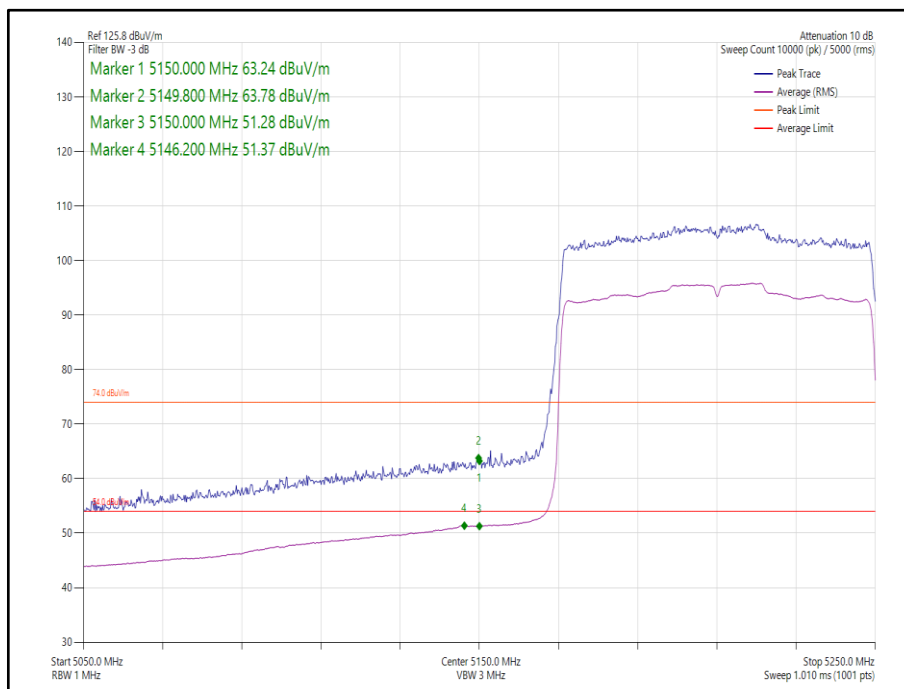
80 MHz Bandwidth (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ac VHT80, Core 1	MCS 2x1	-	-	5210	5150	63.14	51.44
802.11ax HE80, Core 1	MCS 2x1	SU	-	5210	5150	63.78	51.53
802.11ax HE80, Core 1	MCS 11x1	26	0	5210	5150	58.73	45.86
802.11ac VHT80, Core 1	MCS 4x1	-	-	5290	5350	65.48	51.22
802.11ax HE80, Core 1	MCS 11x1	SU	-	5290	5350	67.14	51.47
802.11ax HE80, Core 1	MCS 11x1	52	52	5290	5350	65.31	48.54
802.11ac VHT80, Core 1	MCS 7x1	-	-	5530	5460	68.30	51.40
802.11ax HE80, Core 1	MCS 11x1	SU	-	5530	5460	64.41	51.30
802.11ax HE80, Core 1	MCS 11x1	52	37	5530	5460	58.82	45.56

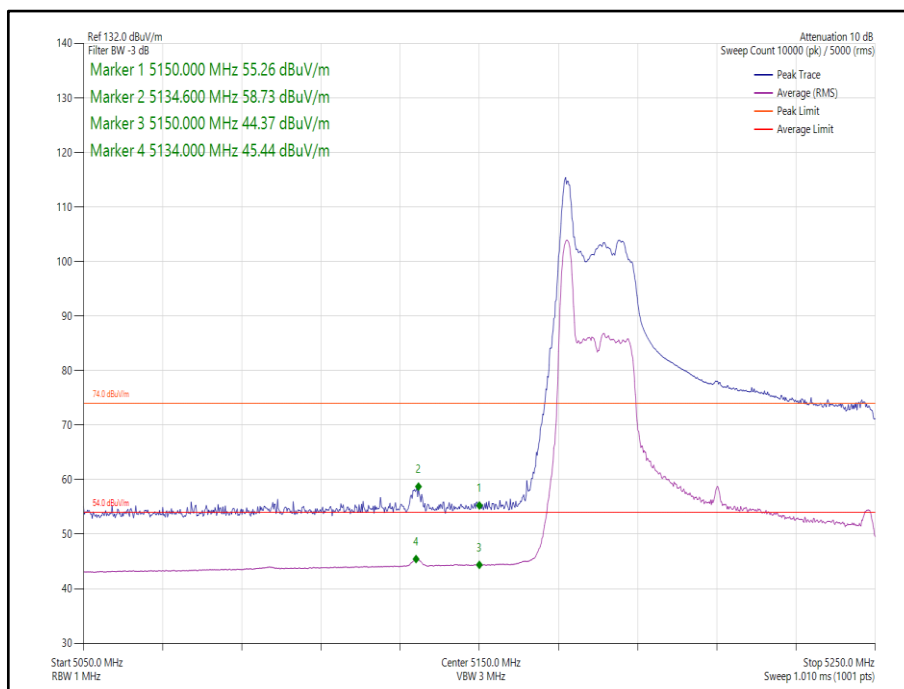
Table 11 - SISO Restricted Band Edge Results



**Figure 58 - 802.11ac VHT80, Core 1 - 5210 MHz
Band Edge Frequency 5150 MHz**



**Figure 59 - 802.11ax HE80, Core 1, SU - 5210 MHz
Band Edge Frequency 5150 MHz**



**Figure 60 - 802.11ax HE80, Core 1, 26-0 - 5210 MHz
Band Edge Frequency 5150 MHz**



Figure 61 - 802.11ac VHT80, Core 1 - 5290 MHz
Band Edge Frequency 5350 MHz

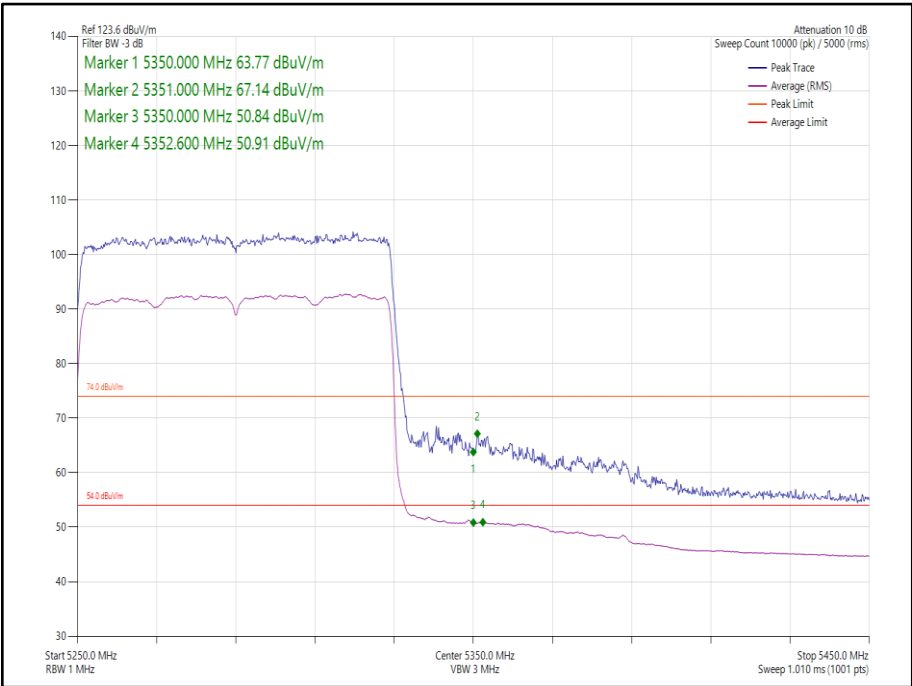
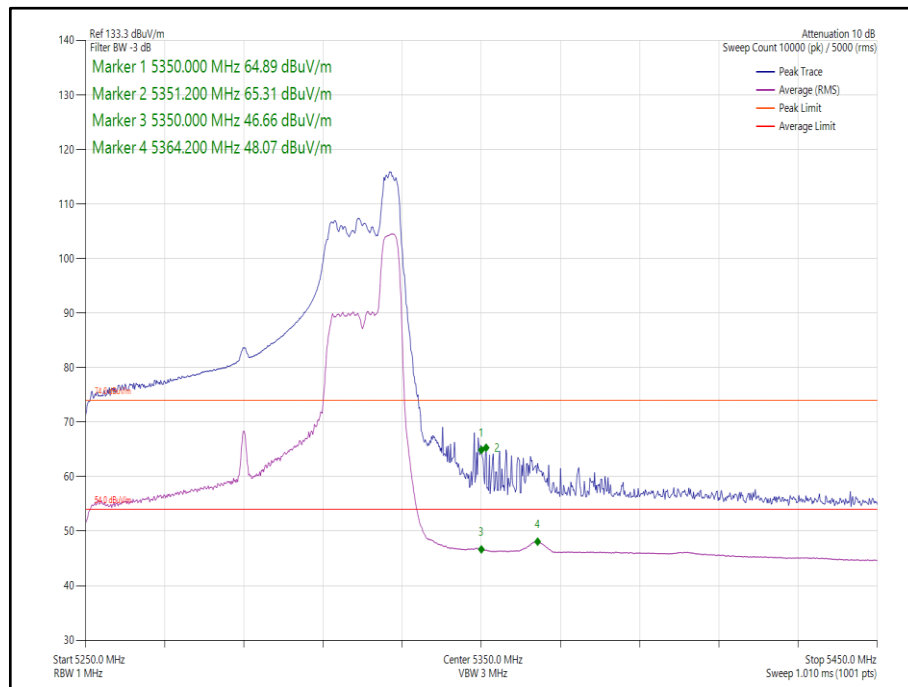
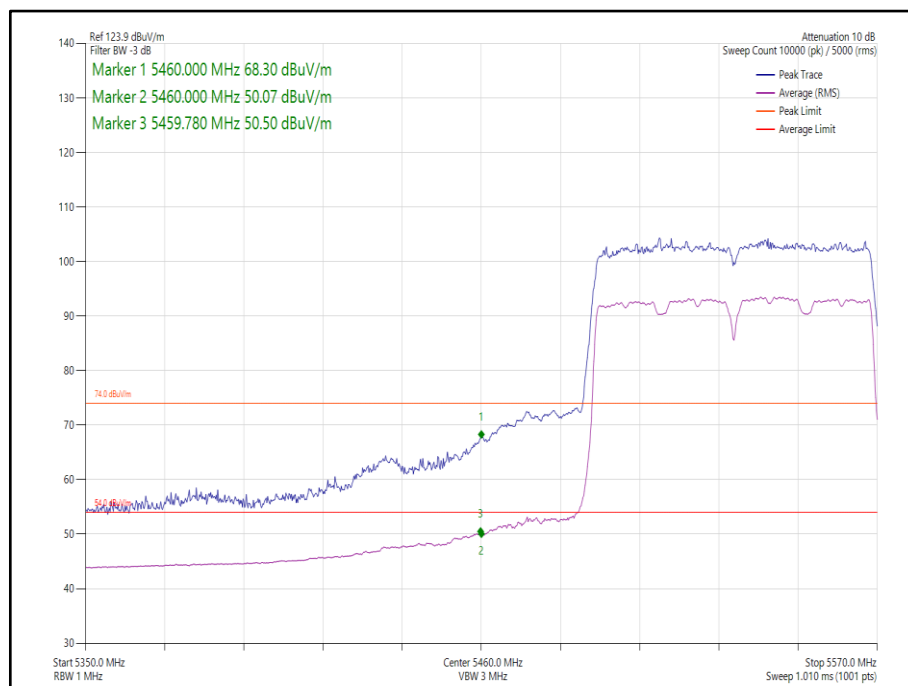


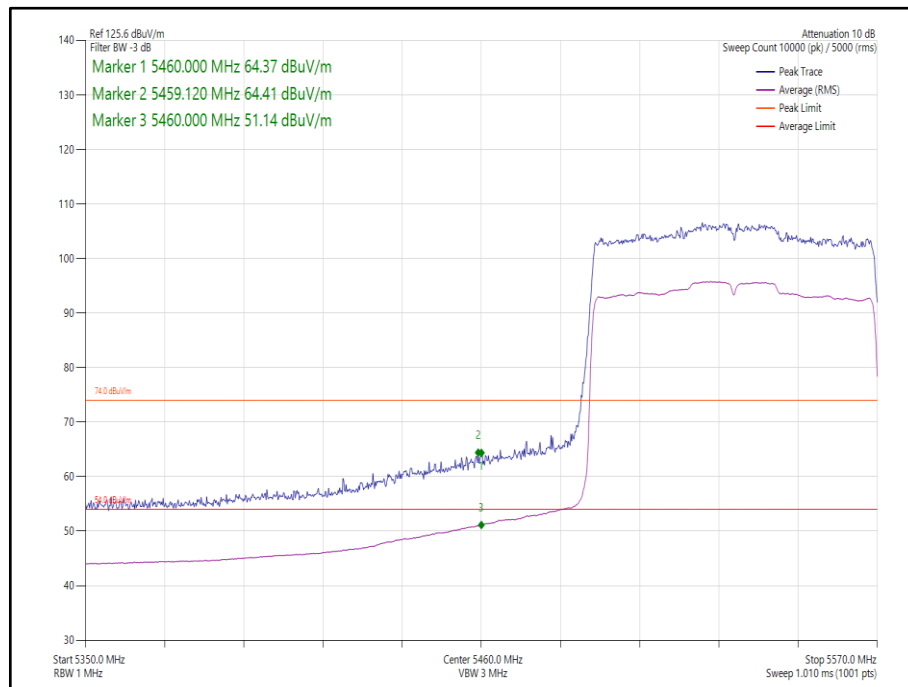
Figure 62 - 802.11ax HE80, Core 1, SU - 5290 MHz
Band Edge Frequency 5350 MHz



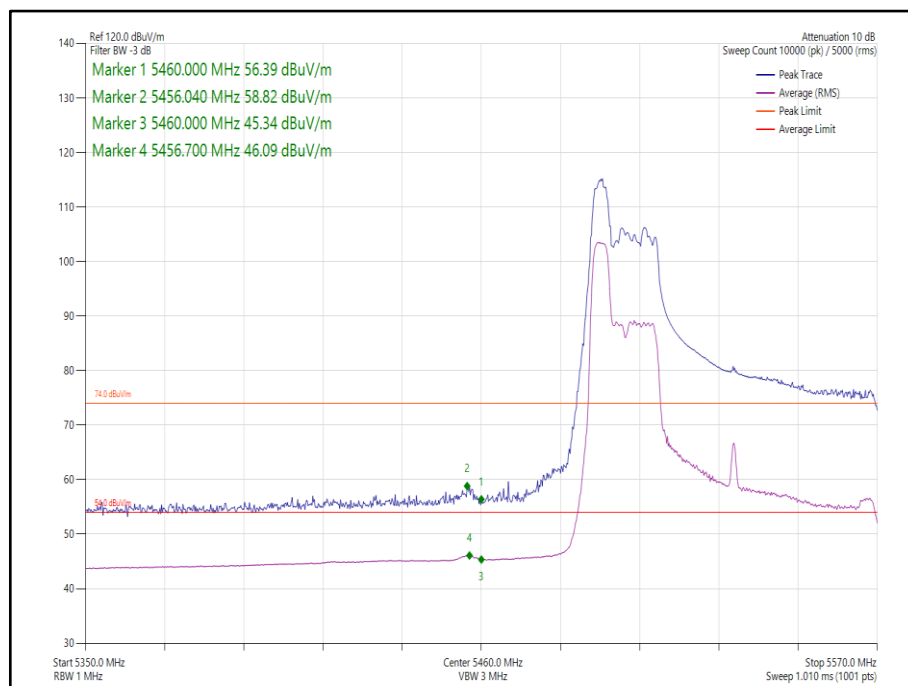
**Figure 63 - 802.11ax HE80, Core 1, 52-52 - 5290 MHz
Band Edge Frequency 5350 MHz**



**Figure 64 - 802.11ac VHT80, Core 1 - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 65 - 802.11ax HE80, Core 1, SU - 5530 MHz
Band Edge Frequency 5490 MHz**



**Figure 66 - 802.11ax HE80, Core 1, 52-37 - 5530 MHz
Band Edge Frequency 5350 MHz**



80 MHz Bandwidth (2TX MIMO)

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 VHT80 CDD, Cores 0-1	MCS 2x1	-	-	5210	5150	63.68	51.35
802.11ac VHT80 SDM, Cores 0-1	MCS 2x2	-	-	5210	5150	63.37	51.25
802.11ax HE80 CDD, Cores 0-1	MCS 4x1	SU	-	5210	5150	64.11	50.66
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	26	0	5210	5150	61.47	46.46
802.11ax HE80 SDM, Cores 0-1	MCS 2x2	SU	-	5210	5150	65.57	51.41
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	26	0	5210	5150	60.04	47.22
802.11ac VHT80 CDD, Cores 0-1	MCS 4x1	-	-	5290	5350	64.06	51.40
802.11ac VHT80 SDM, Cores 0-1	MCS 4x2	-	-	5290	5350	63.87	51.39
802.11ax HE80 CDD, Cores 0-1	MCS 4x1	SU	-	5290	5350	63.00	51.23
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	52	52	5290	5350	69.39	47.48
802.11ax HE80 SDM, Cores 0-1	MCS 4x2	SU	-	5290	5350	64.32	51.46
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	52	52	5290	5350	66.23	47.26
802.11ac VHT80 CDD, Cores 0-1	MCS 7x1	-	-	5530	5460	69.47	51.25
802.11ac VHT80 SDM, Cores 0-1	MCS 4x2	-	-	5530	5460	64.51	50.88
802.11ax HE80 CDD, Cores 0-1	MCS 2x1	SU	-	5530	5460	64.16	51.33
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	52	37	5530	5460	59.79	45.99
802.11ax HE80 SDM, Cores 0-1	MCS 2x2	SU	-	5530	5460	66.17	50.97
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	52	37	5530	5460	62.92	47.37

Table 12 - MIMO 2TX Restricted Band Edge Results

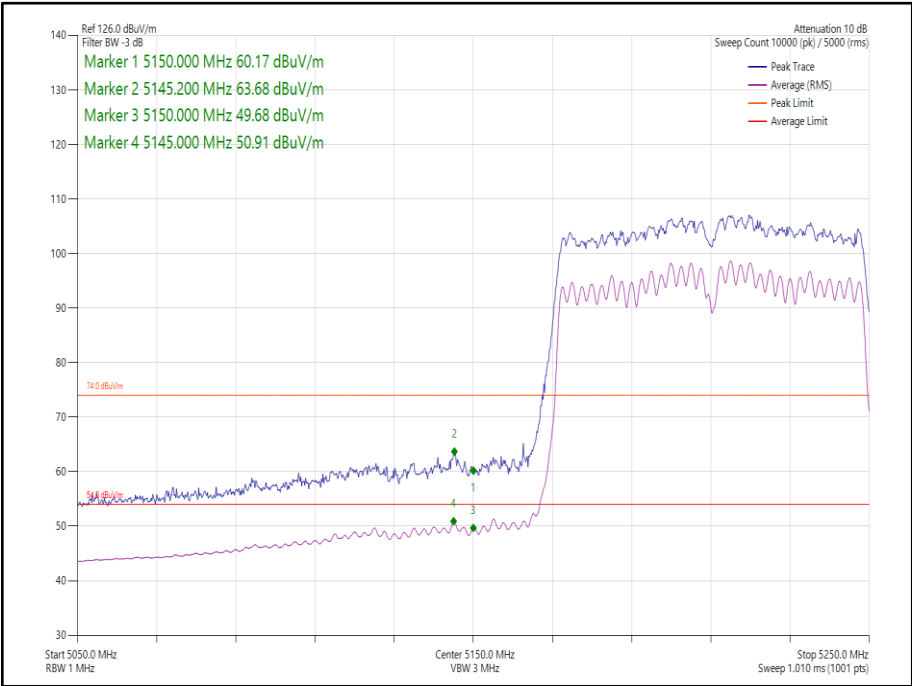


Figure 67 - 802.11ac VHT80 CDD, Cores 0-1- 5210 MHz
Band Edge Frequency 5150 MHz

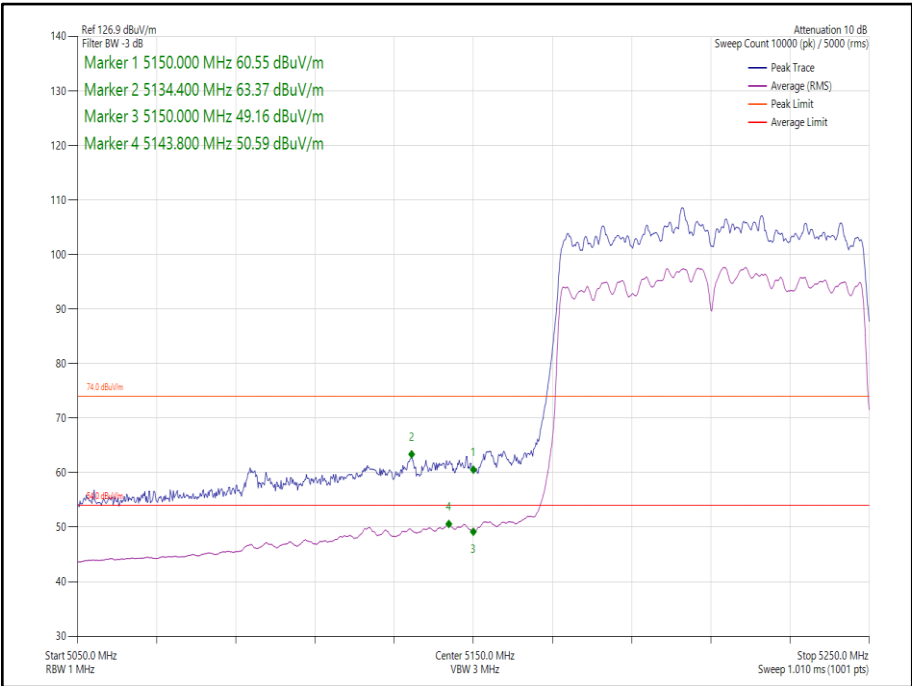
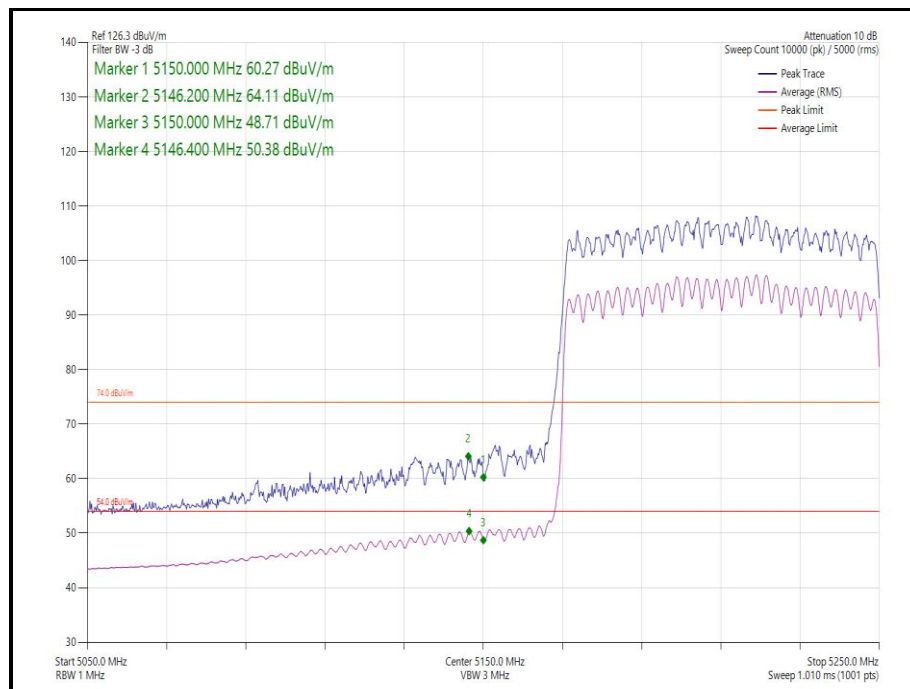
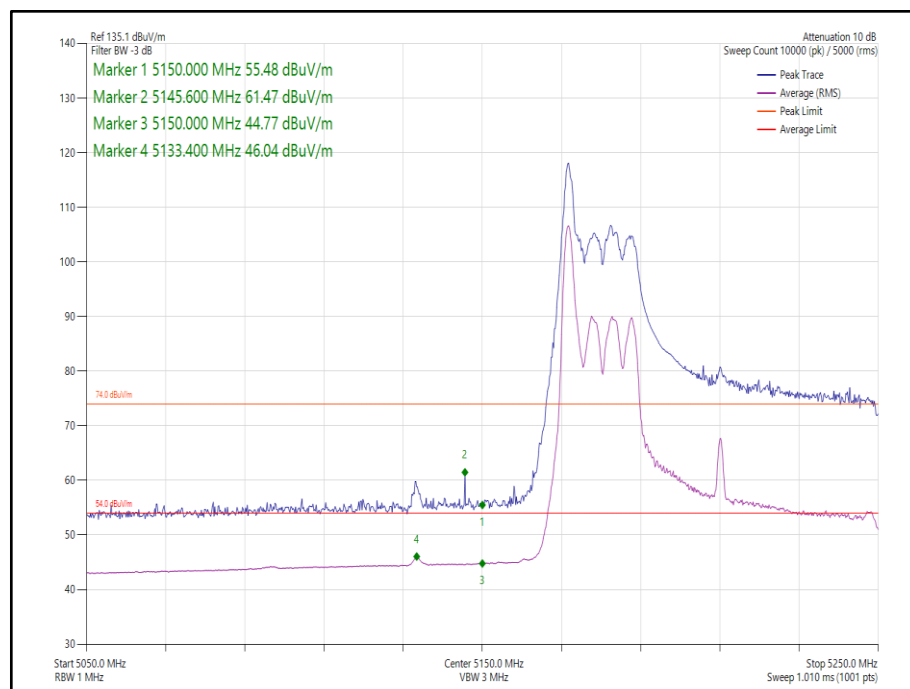


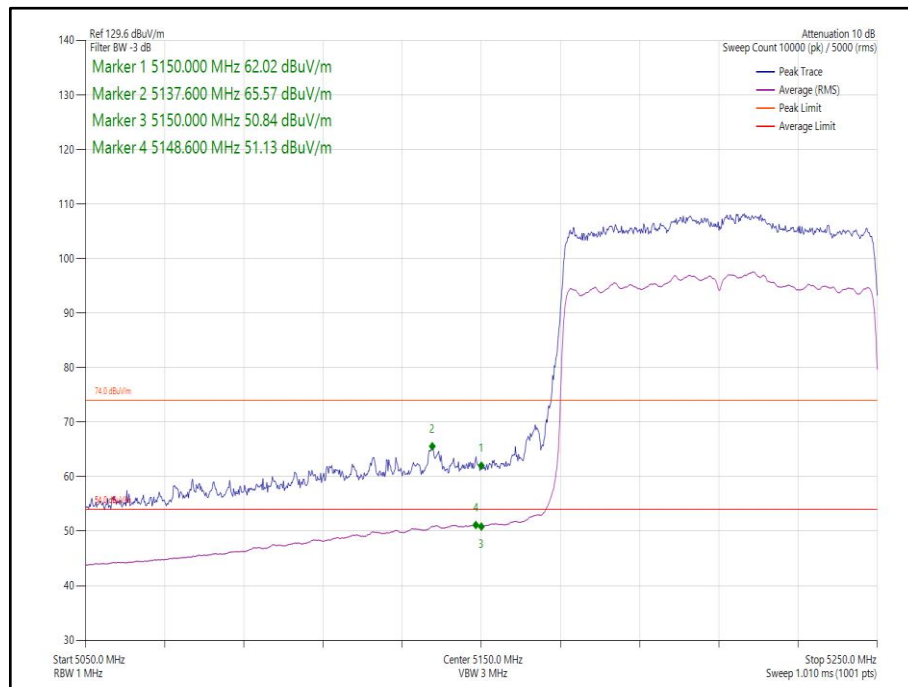
Figure 68 - 802.11ac VHT80 SDM, Cores 0-1- 5210 MHz
Band Edge Frequency 5150 MHz



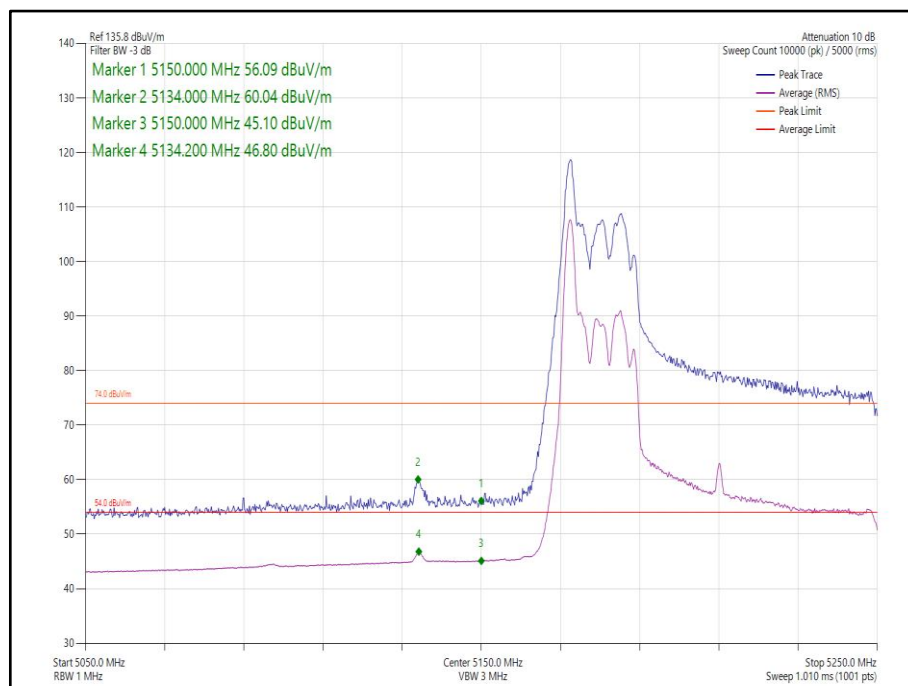
**Figure 69 - 802.11ax HE80 CDD, Cores 0-1, SU - 5210 MHz
Band Edge Frequency 5150 MHz**



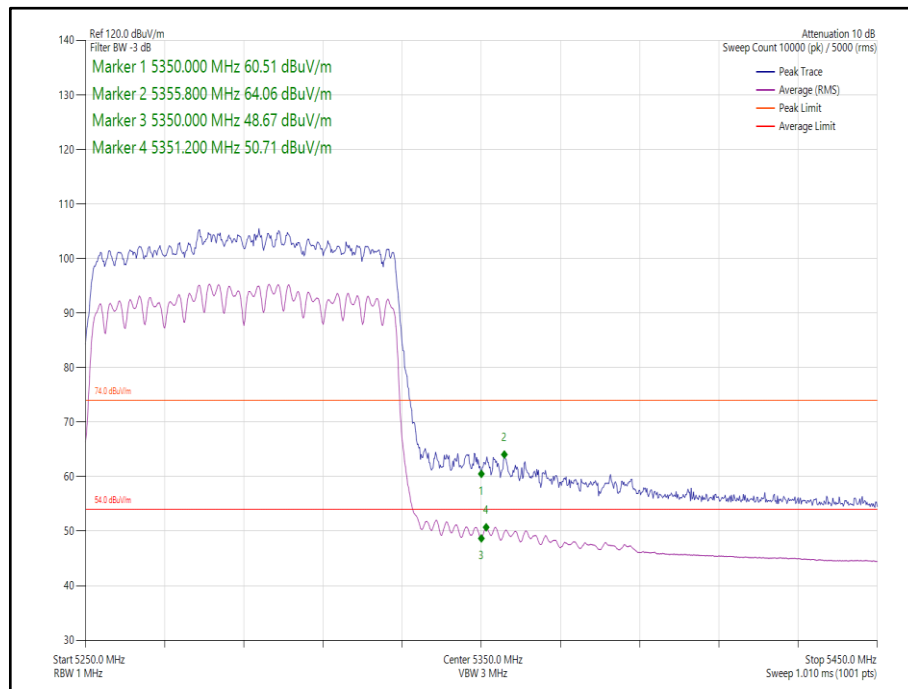
**Figure 70 - 802.11ax HE80 CDD, Cores 0-1, 26-0 - 5210 MHz
Band Edge Frequency 5150 MHz**



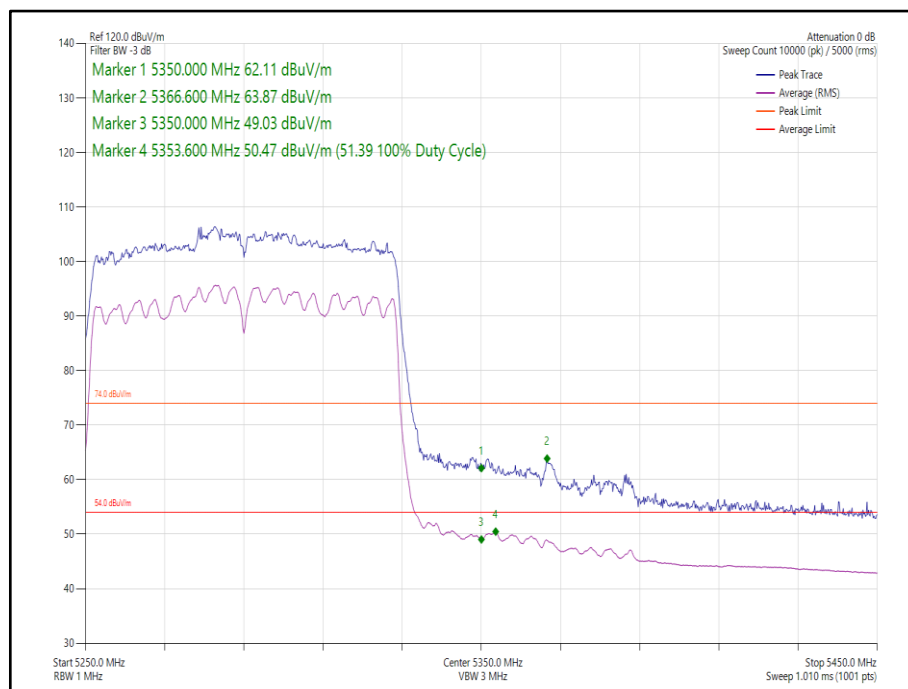
**Figure 71 - 802.11ax HE80 SDM, Cores 0-1, SU - 5210 MHz
Band Edge Frequency 5150 MHz**



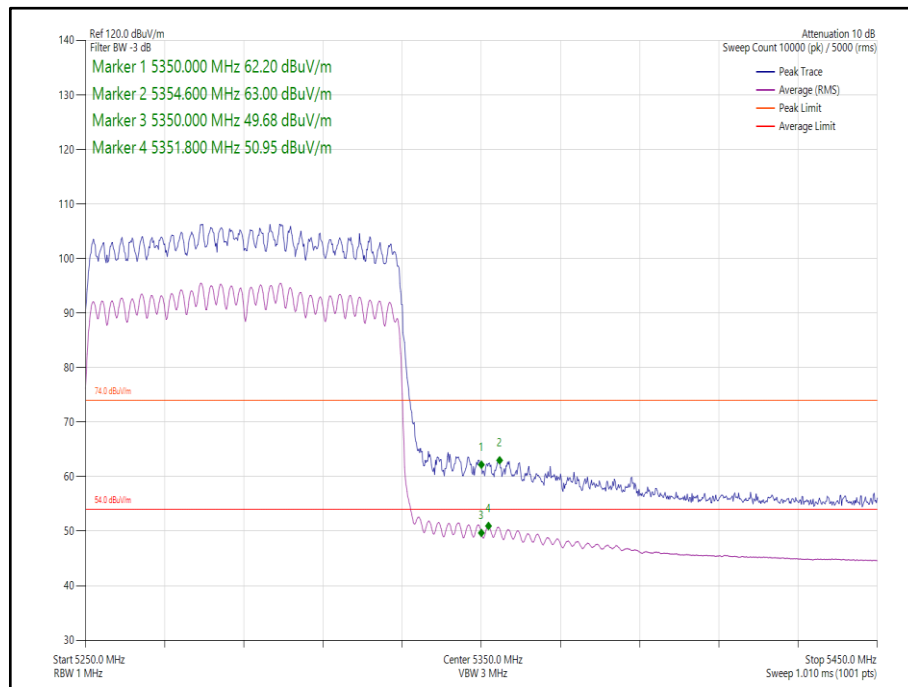
**Figure 72 - 802.11ax HE80 SDM, Cores 0-1, 26-0 - 5210 MHz
Band Edge Frequency 5150 MHz**



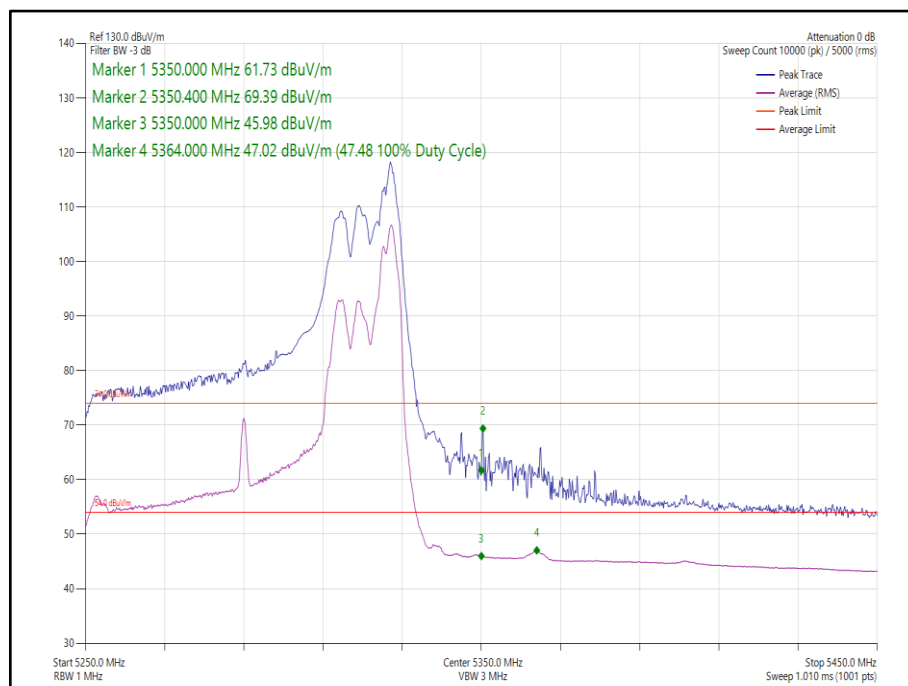
**Figure 73 - 802.11ac VHT80 CDD, Cores 0-1- 5290 MHz
Band Edge Frequency 5350 MHz**



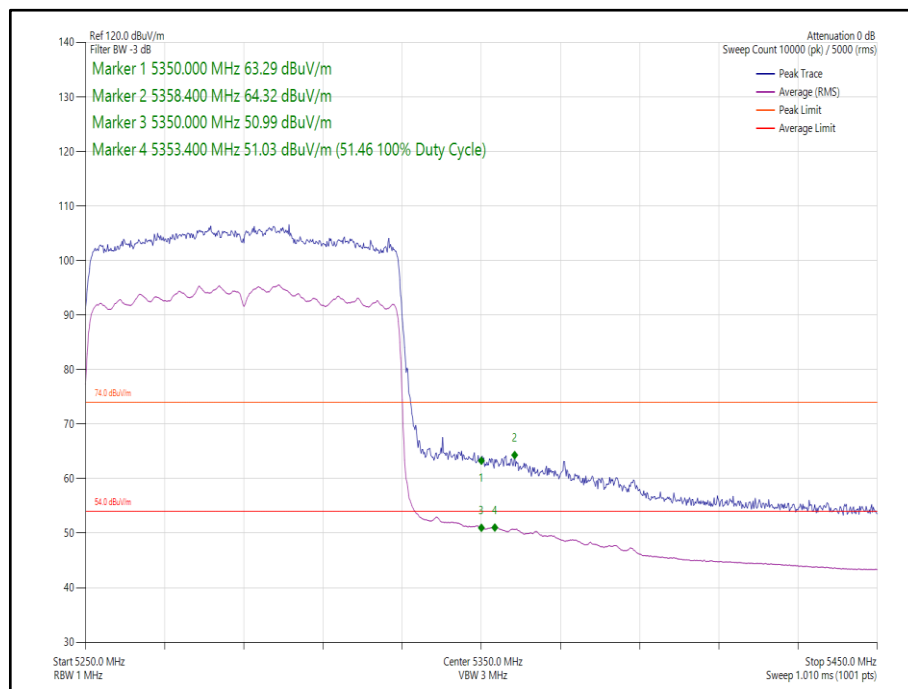
**Figure 74 - 802.11ac VHT80 SDM, Cores 0-1- 5290 MHz
Band Edge Frequency 5350 MHz**



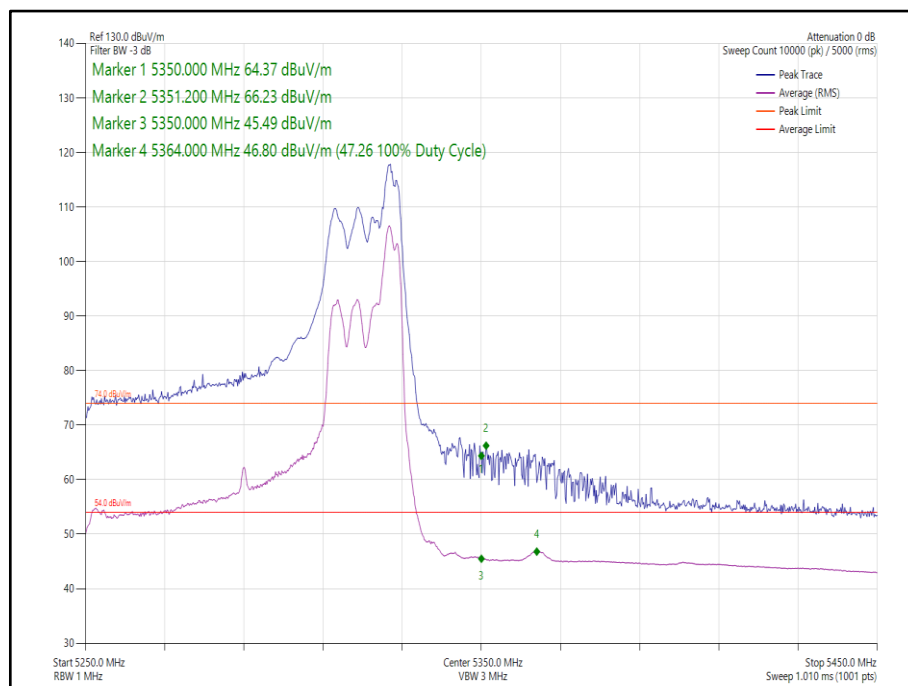
**Figure 75 - 802.11ax HE80 CDD, Cores 0-1, SU - 5290 MHz
Band Edge Frequency 5350 MHz**



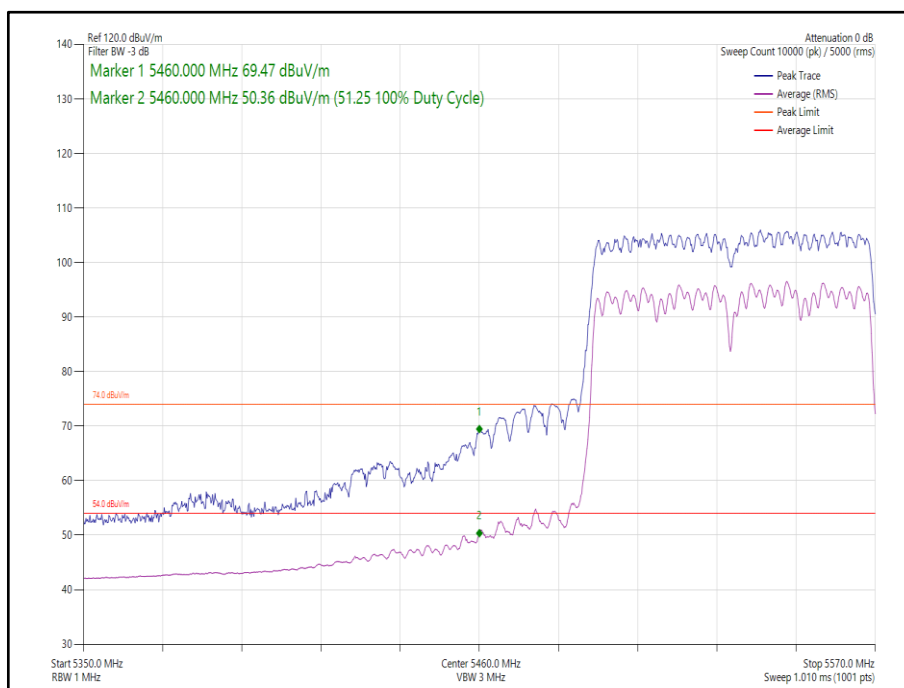
**Figure 76 - 802.11ax HE80 CDD, Cores 0-1, 52-52- 5290 MHz
Band Edge Frequency 5350 MHz**



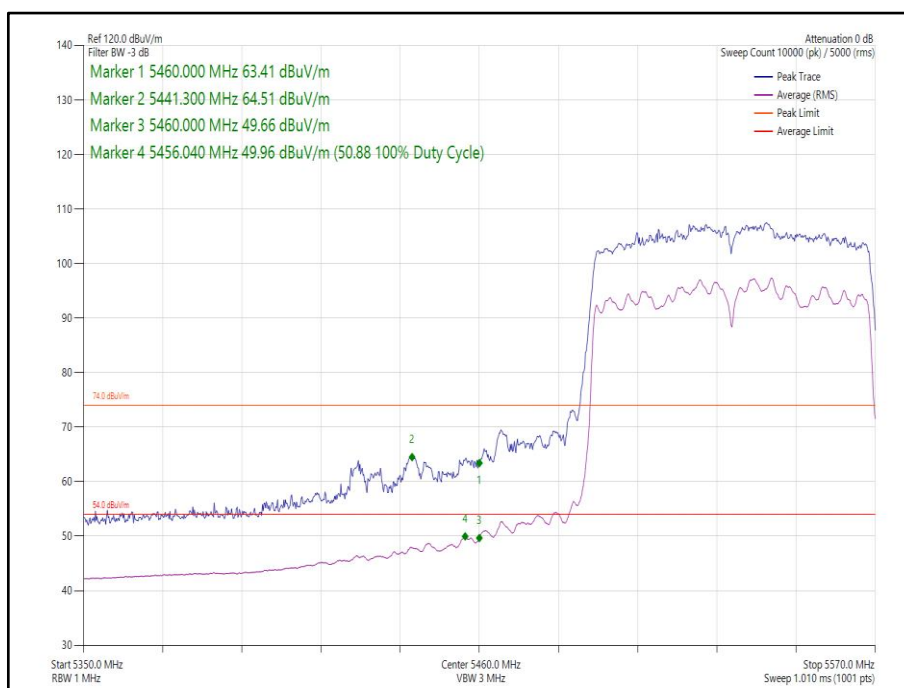
**Figure 77 - 802.11ax HE80 SDM, Cores 0-1, SU - 5290 MHz
Band Edge Frequency 5350 MHz**



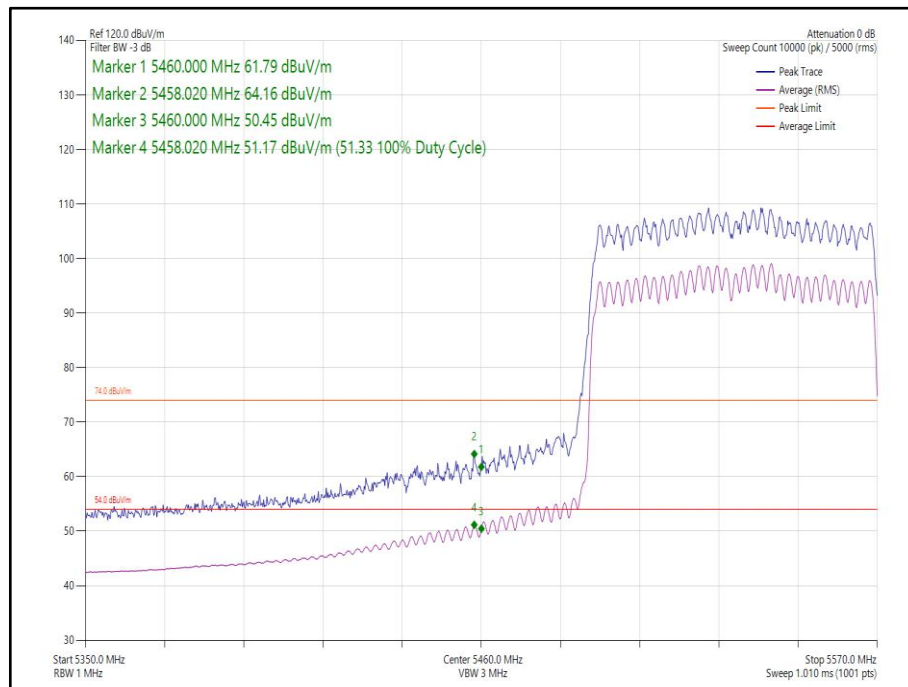
**Figure 78 - 802.11ax HE80 SDM, Cores 0-1, 52-52- 5290 MHz
Band Edge Frequency 5350 MHz**



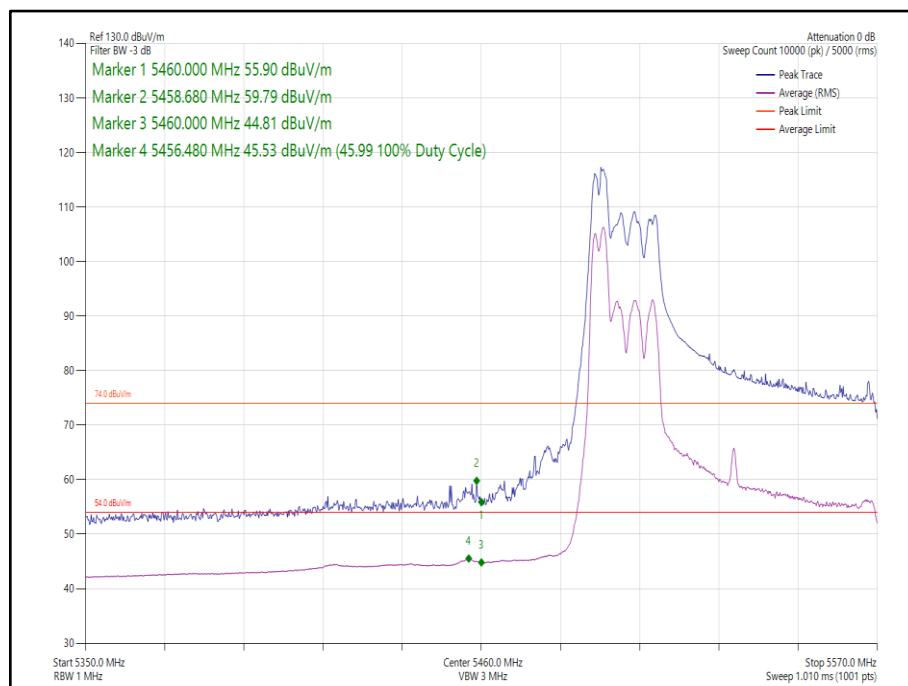
**Figure 79 - 802.11ac VHT80 CDD, Cores 0-1- 5530 MHz
Band Edge Frequency 5460 MHz**



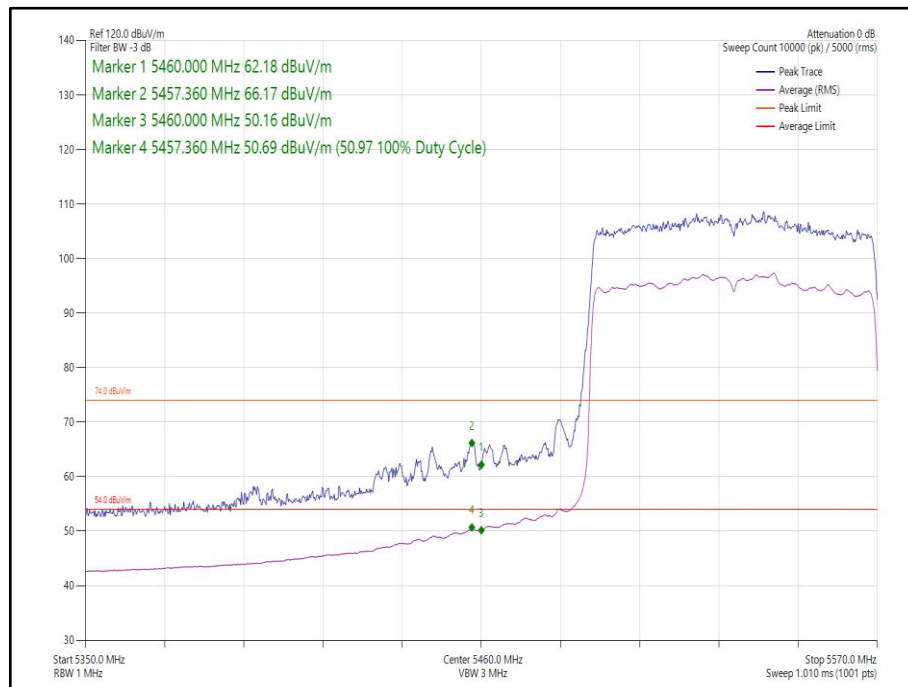
**Figure 80 - 802.11ac VHT80 SDM, Cores 0-1- 5530 MHz
Band Edge Frequency 5460 MHz**



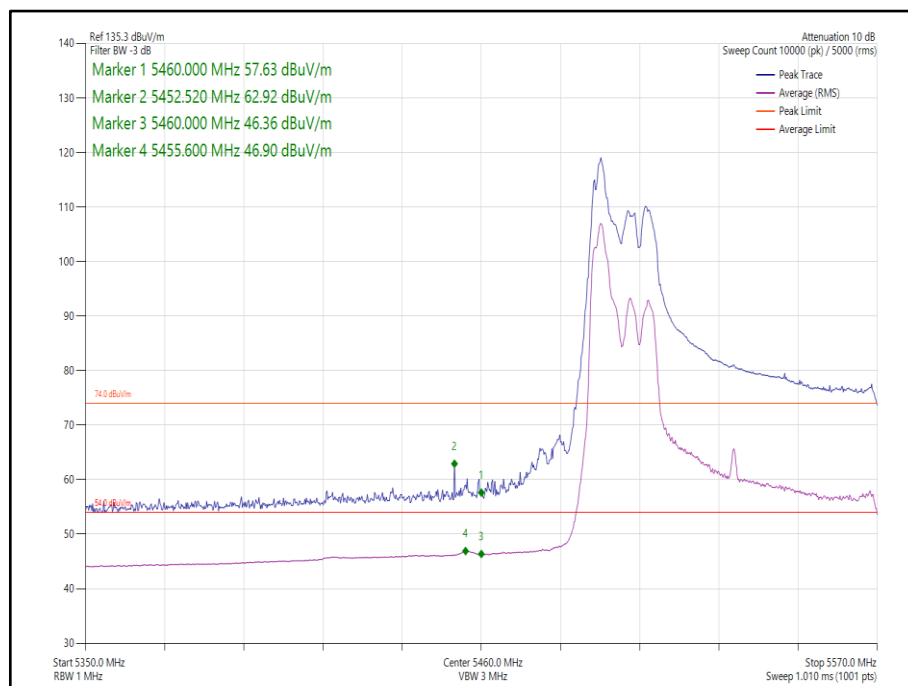
**Figure 81 - 802.11ax HE80 CDD, Cores 0-1, SU - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 82 - 802.11ax HE80 CDD, Cores 0-1, 52-37 - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 83 - 802.11ax HE80 SDM, Cores 0-1, SU - 5530 MHz
Band Edge Frequency 5460 MHz**



**Figure 84 - 802.11ax HE80 SDM, Cores 0-1, 52-37 - 5530 MHz
Band Edge Frequency 5460 MHz**



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

	Peak (dBμV/m)	Average (dBμV/m)
Restricted Bands of Operation	74	54

Table 13 - Restricted Band Edge Limit Table

2.1.7 Test Location and Test Equipment Used

This test was carried out in EMC Chamber 5.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Screened Room (5)	Rainford	Rainford	1545	36	15-Apr-2024
Turntable Controller	Inn-Co GmbH	CO 1000	1606	-	TU
Mast Controller	Maturo GmbH	NCD	4810	-	TU
Tilt Antenna Mast	Maturo GmbH	TAM 4.0-P	4811	-	TU
Antenna (DRG 1-10.5GHz)	Schwarzbeck	BBHA9120B	4848	12	28-May-2023
EMI Test Receiver	Rohde & Schwarz	ESW44	5084	12	17-May-2023
Emissions Software	TUV SUD	EmX V3.1.4	5125	-	Software
Preamplifier (30dB 1GHz to 18GHz)	Schwarzbeck	BBV 9718 C	5261	12	08-Apr-2023
Attenuator 5W 10dB DC-18GHz	Aaren	AT40A-4041-D18-10	5492	12	11-Apr-2023
Cable (sma to sma 1m)	Junkosha	MWX221-01000AMSAMS/A	5513	12	12-Apr-2023
Cable (SMA to SMA, 2 m)	Junkosha	MWX221-02000AMSAMS/A	5517	12	12-Apr-2023
Cable (N-Type to N-Type, 8 m)	Junkosha	MWX221-08000NMSNMS/B	5520	12	24-Mar-2023
Thermo-Hygro-Barometer	PCE Instruments	PCE-THB 40	5604	12	22-Sep-2022

Table 14

TU - Traceability Unscheduled



2.2 Emission Bandwidth

2.2.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (a)
ISED RSS-247, Clause 6.2

2.2.2 Equipment Under Test and Modification State

A2737, S/N: MW5QG9Q771 - Modification State 0

2.2.3 Date of Test

30-July-2022 to 05-August-2022

2.2.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 12.4.2, KDB 789033 D02 v02r01 II.C.2. and ISED RSS-GEN, clause 6.7.

2.2.5 Environmental Conditions

Ambient Temperature	23.4 - 23.5 °C
Relative Humidity	33.6 - 53.1 %

2.2.6 Test Results

5 GHz WLAN

SISO

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11a	15.840	16.140
802.11n HT20	17.160	17.640
802.11n HT40	35.400	35.800
802.11ac VHT80	76.120	76.120
802.11ax HE20 SU	19.020	19.080
802.11ax HE40 SU	37.800	38.040
802.11ax HE80 SU	77.880	77.880

Table 15 - 6 dB Bandwidth Summary Results

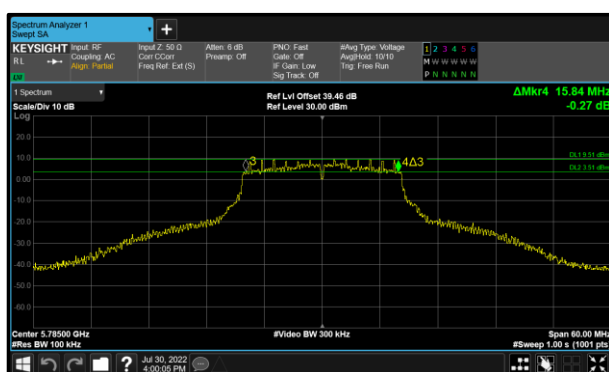


Figure 85 - 802.11a Minimum 6 dB EBW

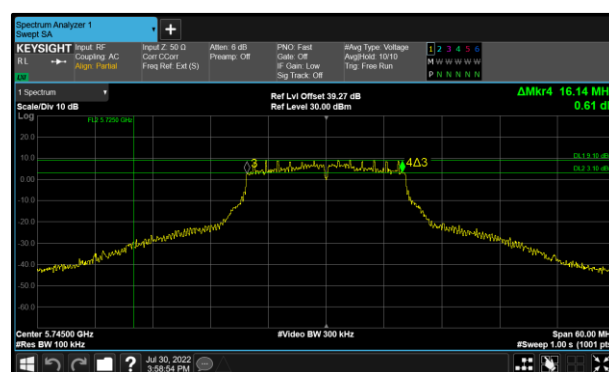


Figure 86 - 802.11a Maximum 6 dB EBW

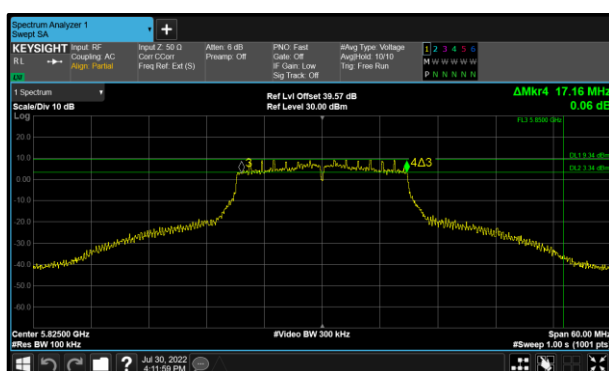


Figure 87 - 802.11n HT20 Minimum 6 dB EBW



Figure 88 - 802.11n HT20 Maximum 6 dB EBW

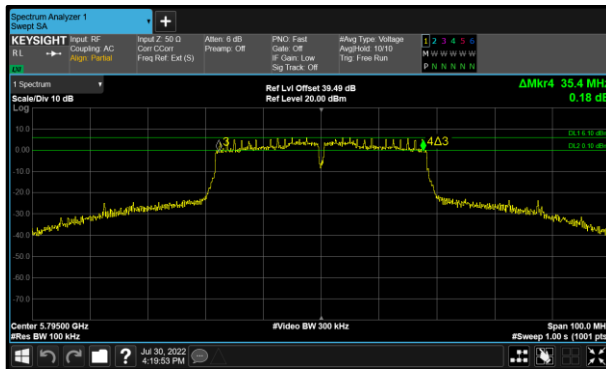


Figure 89 - 802.11n HT40 Minimum 6 dB EBW

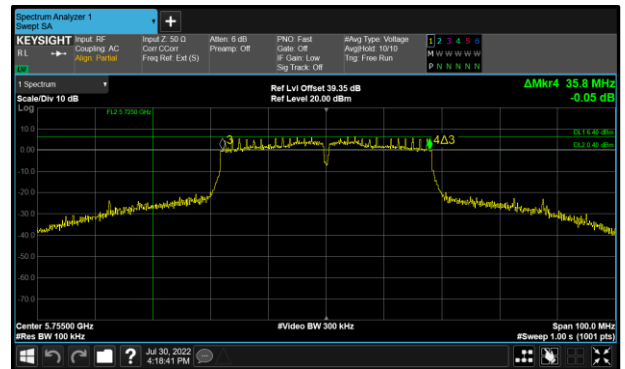


Figure 90 - 802.11n HT40 Maximum 6 dB EBW

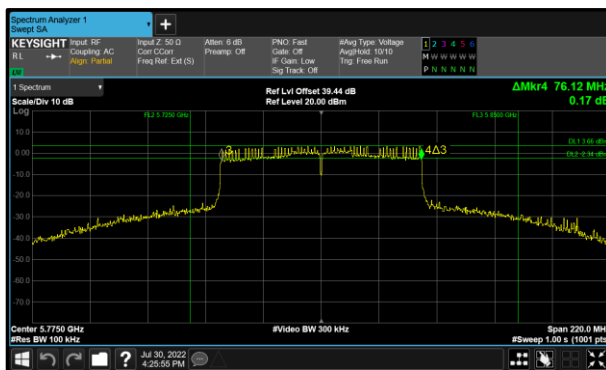


Figure 91 - 802.11ac VHT80 Minimum 6 dB EBW

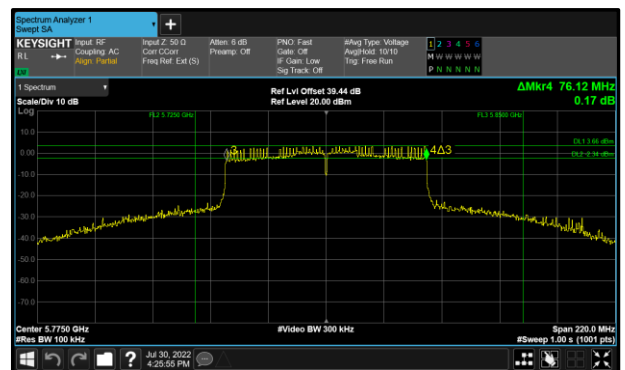


Figure 92 - 802.11ac VHT80 Maximum 6 dB EBW

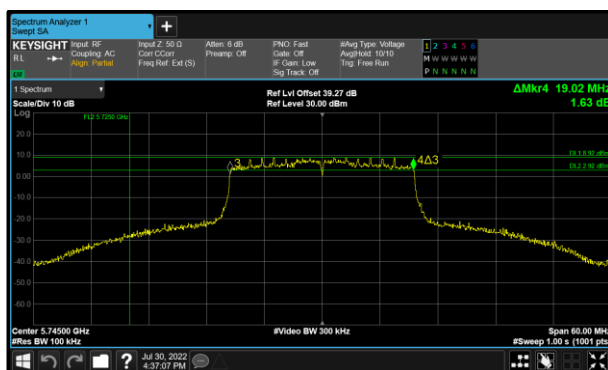


Figure 93 - 802.11ax HE20 SU Minimum 6 dB
EBW

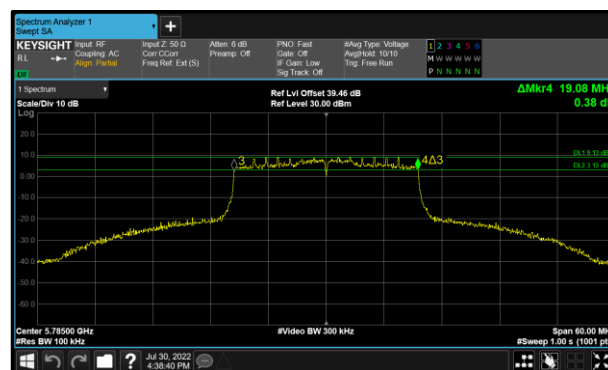


Figure 94 - 802.11ax HE20 SU Maximum 6 dB
EBW

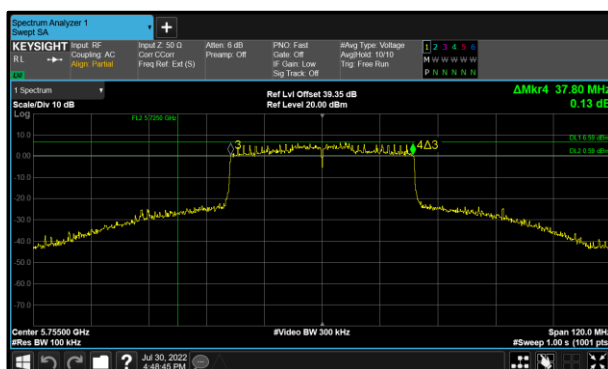


Figure 95 - 802.11ax HE40 SU Minimum 6 dB
EBW

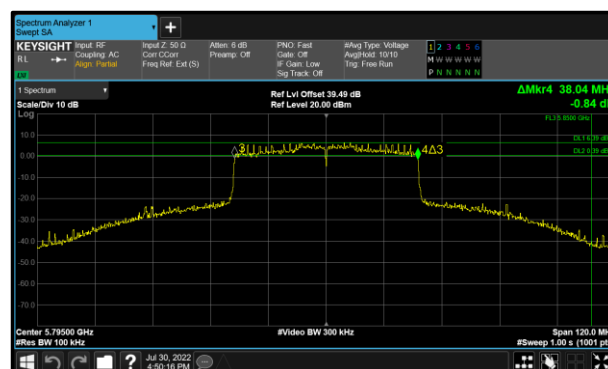


Figure 96 - 802.11ax HE40 SU Maximum 6 dB
EBW

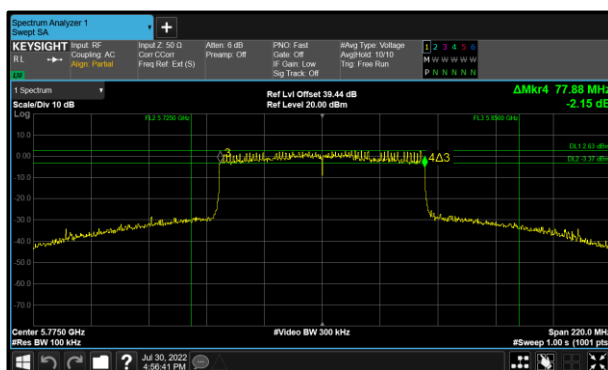


Figure 97 - 802.11ax HE80 SU Minimum 6 dB
EBW

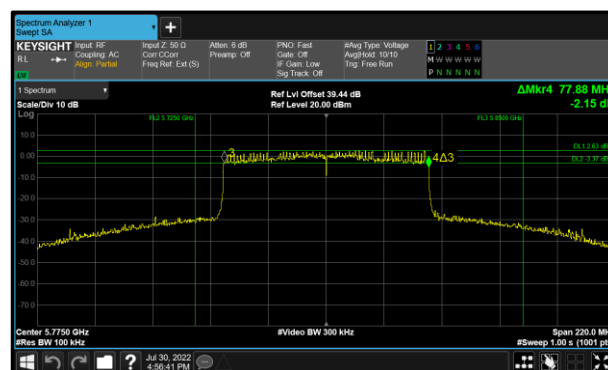


Figure 98 - 802.11ax HE80 SU Maximum 6 dB
EBW



Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11a	20.820	22.200
802.11n HT20	21.060	26.700
802.11n HT40	40.100	49.800
802.11ac VHT80	81.840	82.280
802.11ax HE20 SU	21.000	22.680
802.11ax HE40 SU	40.200	42.720
802.11ax HE80 SU	82.500	82.720

Table 16 - 26 dB Bandwidth Summary Results

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11a	16.560	16.740
802.11n HT20	17.700	17.940
802.11n HT40	36.100	36.600
802.11ac VHT80	75.680	75.900
802.11ax HE20 SU	18.900	19.020
802.11ax HE40 SU	37.560	37.800
802.11ax HE80 SU	77.000	77.220

Table 17 - 99% Bandwidth Summary Results

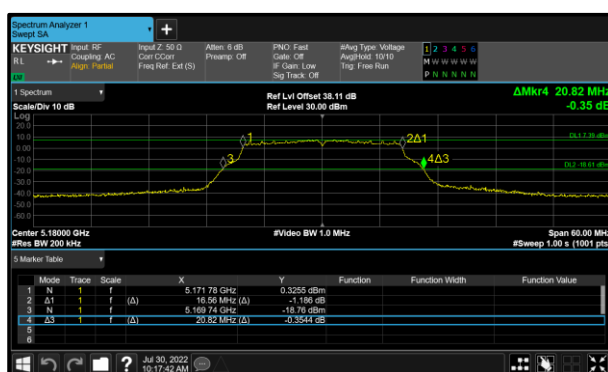


Figure 99 - 802.11a Minimum 99% OBW

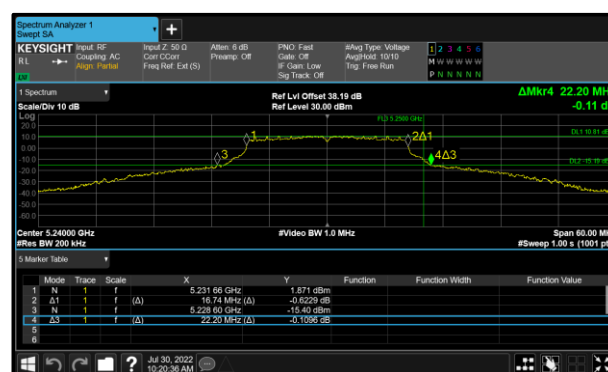


Figure 100 - 802.11a Maximum 99% OBW

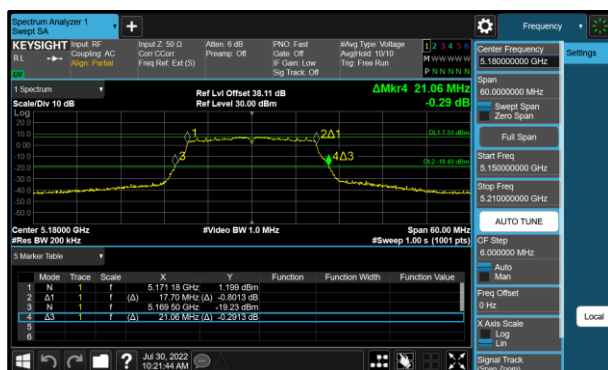


Figure 101 - 802.11n HT20 Minimum 99% OBW

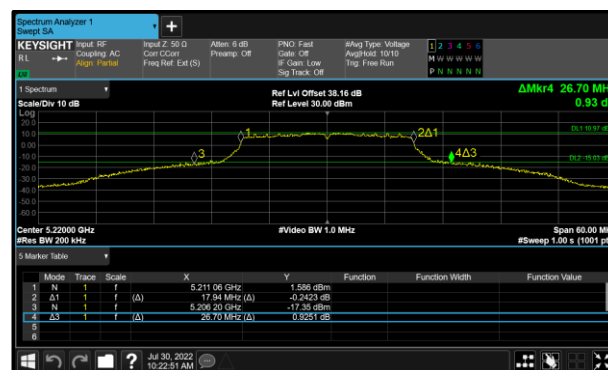


Figure 102 - 802.11n HT20 Maximum 99% OBW

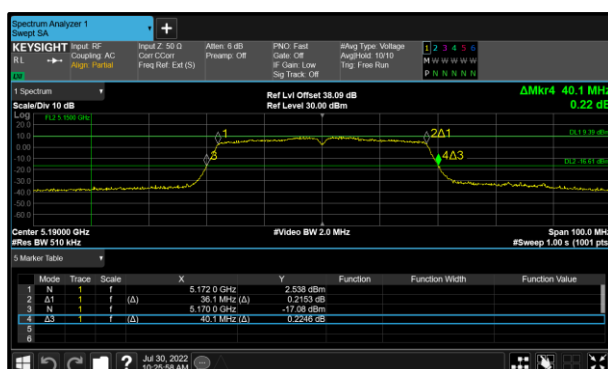


Figure 103 - 802.11n HT40 Minimum 99% OBW

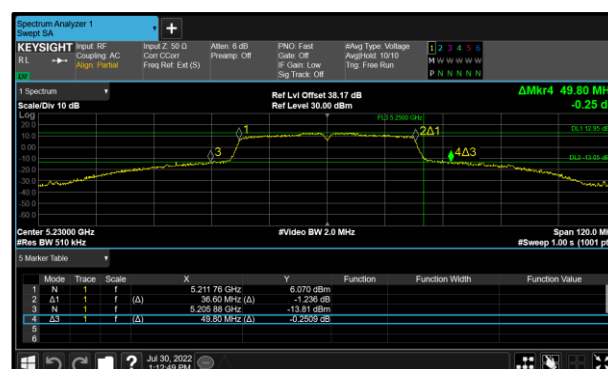


Figure 104 - 802.11n HT40 Maximum 99% OBW

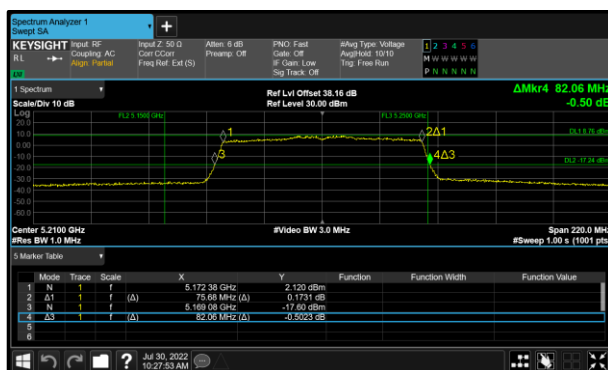


Figure 105 - 802.11ac VHT80 Minimum 99% OBW



Figure 106 - 802.11ac VHT80 Maximum 99% OBW

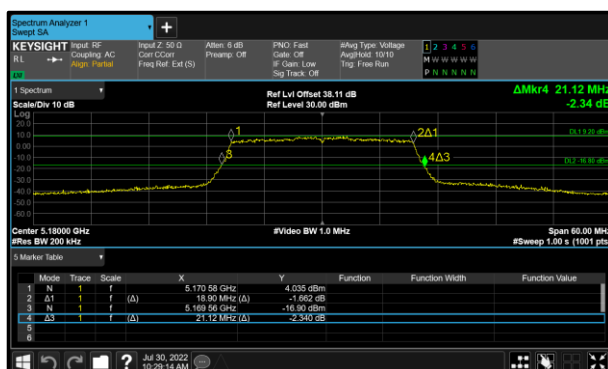


Figure 107 - 802.11ax HE20 SU Minimum 99% OBW

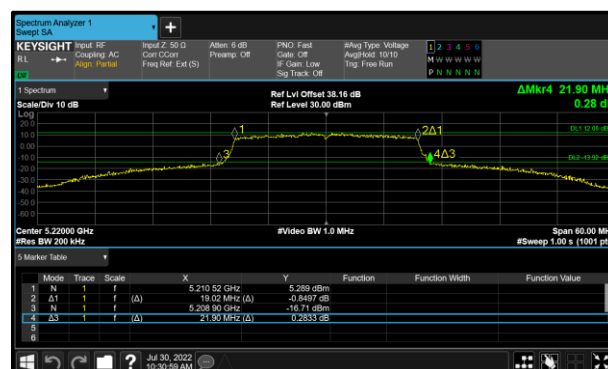


Figure 108 - 802.11ax HE20 SU Maximum 99% OBW

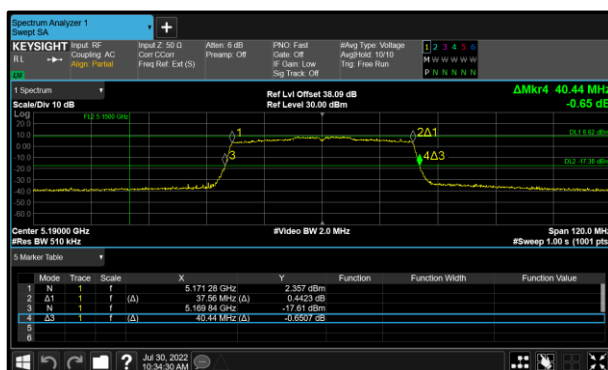


Figure 109 - 802.11ax HE40 SU Minimum 99% OBW

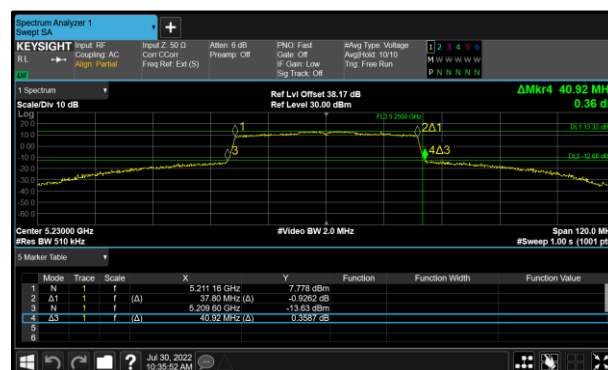


Figure 110 - 802.11ax HE40 SU Maximum 99% OBW

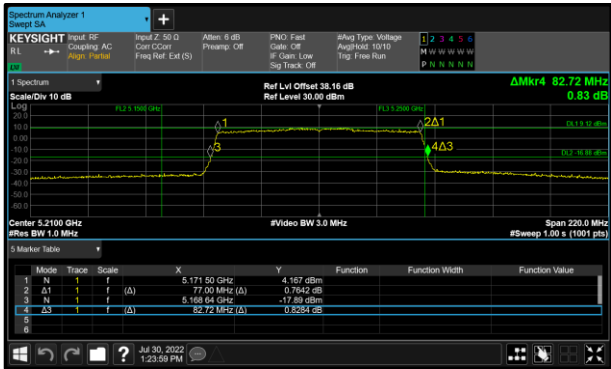


Figure 111 - 802.11ax HE80 SU Minimum 99% OBW

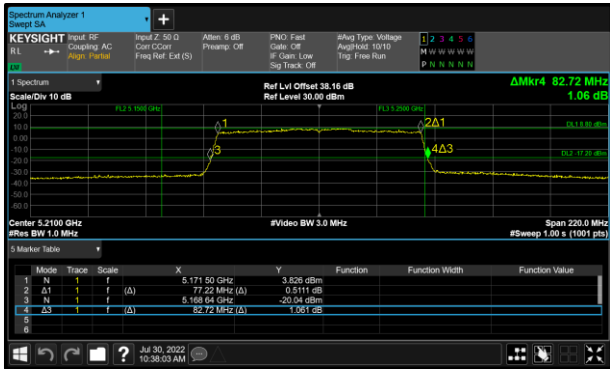


Figure 112 - 802.11ax HE80 SU Maximum 99% OBW



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	20.820	-	-	-
5220	-	21.240	-	-	-
5240	-	22.200	-	-	-

Table 18 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

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

Table 19 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
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 (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	21.060	-	-	-
5220	-	26.700	-	-	-
5240	-	21.840	-	-	-

Table 20 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
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 (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	17.700	-	-	-
5220	-	17.760	-	-	-
5240	-	17.760	-	-	-

Table 21 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	-	40.100	-	-	-
5230	-	41.000	-	-	-

Table 22 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	-	36.100	-	-	-
5230	-	36.600	-	-	-

Table 23 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	-	82.060	-	-	-

Table 24 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	-	75.680	-	-	-

Table 25 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
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 (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	-	21.120	-	-	-
5220	-	21.900	-	-	-
5240	-	22.680	-	-	-

Table 26 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
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 (5GHz Core 1)	Active Chain(s):	1

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

Table 27 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	-	40.440	-	-	-
5230	-	40.920	-	-	-

Table 28 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	-	37.560	-	-	-
5230	-	37.800	-	-	-

Table 29 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

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

Table 30 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

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

Table 31 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (5GHz Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	21.960	-	-	-	-
5300	21.420	-	-	-	-
5320	20.880	-	-	-	-

Table 32 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	16.740	-	-	-	-
5300	16.620	-	-	-	-
5320	16.560	-	-	-	-

Table 33 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
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 (5GHz Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	21.960	-	-	-	-
5300	21.540	-	-	-	-
5320	21.180	-	-	-	-

Table 34 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	17.820	-	-	-	-
5300	17.820	-	-	-	-
5320	17.760	-	-	-	-

Table 35 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (5GHz Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	41.280	-	-	-	-
5310	40.300	-	-	-	-

Table 36 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	36.480	-	-	-	-
5310	36.300	-	-	-	-

Table 37 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (5GHz Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	82.280	-	-	-	-

Table 38 - 26 dB Bandwidth Results

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

Table 39 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
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 (5GHz Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	21.360	-	-	-	-
5300	21.540	-	-	-	-
5320	21.060	-	-	-	-

Table 40 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5260	19.020	-	-	-	-
5300	19.020	-	-	-	-
5320	18.960	-	-	-	-

Table 41 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (5GHz Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	40.920	-	-	-	-
5310	40.680	-	-	-	-

Table 42 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5270	37.800	-	-	-	-
5310	37.680	-	-	-	-

Table 43 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.250-5.350 GHz	Band:	U-NII-2A
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (5GHz Core 0)	Active Chain(s):	0

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	82.500	-	-	-	-

Table 44 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5290	77.000	-	-	-	-

Table 45 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	20.820	-	-	-
5600	-	21.120	-	-	-
5720	-	15.620	-	-	-

Table 46 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	16.560	-	-	-
5600	-	16.620	-	-	-
5720	-	13.160	-	-	-

Table 47 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
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 (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	21.180	-	-	-
5600	-	21.480	-	-	-
5720	-	15.680	-	-	-

Table 48 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	17.700	-	-	-
5600	-	17.760	-	-	-
5720	-	13.760	-	-	-

Table 49 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	-	40.400	-	-	-
5590	-	41.100	-	-	-
5710	-	35.300	-	-	-

Table 50 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	-	36.300	-	-	-
5590	-	36.500	-	-	-
5710	-	32.800	-	-	-

Table 51 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	-	82.060	-	-	-
5610	-	81.840	-	-	-
5690	-	76.140	-	-	-

Table 52 - 26 dB Bandwidth Results

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

Table 53 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
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 (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5500	-	21.120	-	-	-
5600	-	21.180	-	-	-
5720	-	15.560	-	-	-

Table 54 - 26 dB Bandwidth Results

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

Table 55 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	-	40.560	-	-	-
5590	-	40.800	-	-	-
5710	-	35.520	-	-	-

Table 56 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5510	-	37.560	-	-	-
5590	-	37.680	-	-	-
5710	-	33.600	-	-	-

Table 57 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.470-5.725 GHz	Band:	U-NII-2C
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	-	82.500	-	-	-
5610	-	82.720	-	-	-
5690	-	76.580	-	-	-

Table 58 - 26 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5530	-	77.220	-	-	-
5610	-	77.000	-	-	-
5690	-	73.060	-	-	-

Table 59 - 99% Bandwidth Results



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

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (5GHz Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5745	16.140	-	-	-	≥500.0
5785	15.840	-	-	-	≥500.0
5825	16.140	-	-	-	≥500.0

Table 60 - 6 dB Bandwidth Results

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

Table 61 - 99% Bandwidth Results



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

DUT Configuration			
Mode:	802.11a	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

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

Table 62 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	4.300	-	-	-

Table 63 - 99% Bandwidth Results



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

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (5GHz Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5745	17.640	-	-	-	≥500.0
5785	17.640	-	-	-	≥500.0
5825	17.160	-	-	-	≥500.0

Table 64 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5745	17.760	-	-	-	-
5785	17.820	-	-	-	-
5825	17.820	-	-	-	-

Table 65 - 99% Bandwidth Results



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

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	3.880	-	-	≥500.0

Table 66 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	4.420	-	-	-

Table 67 - 99% Bandwidth Results



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

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (5GHz Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5755	35.800	-	-	-	≥500.0
5795	35.400	-	-	-	≥500.0

Table 68 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5755	36.500	-	-	-	-
5795	36.500	-	-	-	-

Table 69 - 99% Bandwidth Results



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

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	-	3.200	-	-	≥500.0

Table 70 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	-	9.400	-	-	-

Table 71 - 99% Bandwidth Results



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

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (5GHz Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5775	76.120	-	-	-	≥500.0

Table 72 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5775	76.120	-	-	-	-

Table 73 - 99% Bandwidth Results



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

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	-	3.060	-	-	≥500.0

Table 74 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	-	32.980	-	-	-

Table 75 - 99% Bandwidth Results



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

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (5GHz Core 0)	Active Chain(s):	0

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

Table 76 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5745	18.960	-	-	-	-
5785	19.020	-	-	-	-
5825	19.020	-	-	-	-

Table 77 - 99% Bandwidth Results



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

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	4.540	-	-	≥500.0

Table 78 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5720	-	4.720	-	-	-

Table 79 - 99% Bandwidth Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (5GHz Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5755	37.800	-	-	-	≥500.0
5795	38.040	-	-	-	≥500.0

Table 80 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5755	37.680	-	-	-	-
5795	37.680	-	-	-	-

Table 81 - 99% Bandwidth Results



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

DUT Configuration			
Mode:	802.11ax HE40 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

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

Table 82 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5710	-	7.440	-	-	-

Table 83 - 99% Bandwidth Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (5GHz Core 0)	Active Chain(s):	0

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5775	77.880	-	-	-	≥500.0

Table 84 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5775	77.220	-	-	-	-

Table 85 - 99% Bandwidth Results



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

DUT Configuration			
Mode:	802.11ax HE80 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (5GHz Core 1)	Active Chain(s):	1

Test Frequency (MHz)	6 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	-	4.160	-	-	≥500.0

Table 86 - 6 dB Bandwidth Results

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5690	-	26.820	-	-	-

Table 87 - 99% Bandwidth Results



MIMO CDD

Protocol	6 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	16.920	17.640
802.11n HT40	35.400	36.100
802.11ac VHT80	75.900	75.900
802.11ax HE20 SU	18.840	19.020
802.11ax HE40 SU	37.560	38.040
802.11ax HE80 SU	76.780	77.660

Table 88 - 6 dB Bandwidth Summary Results

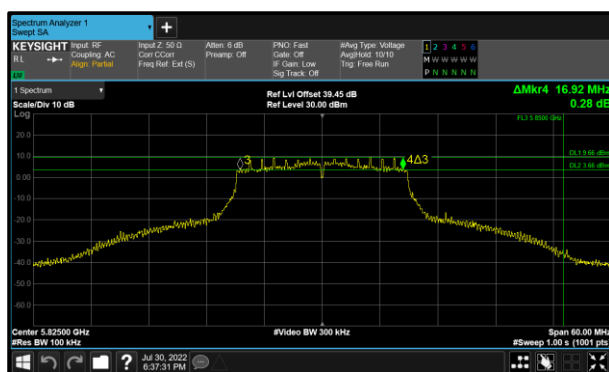


Figure 113 - 802.11n HT20 Minimum 6 dB EBW

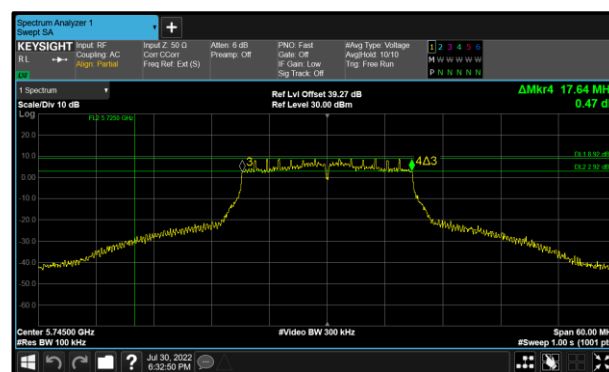


Figure 114 - 802.11n HT20 Maximum 6 dB EBW

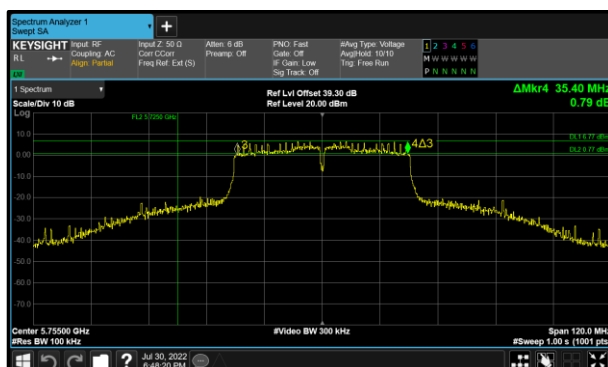


Figure 115 - 802.11n HT40 Minimum 6 dB EBW

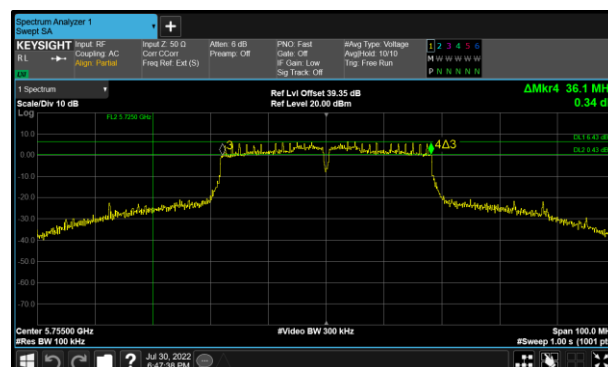


Figure 116 - 802.11n HT40 Maximum 6 dB EBW

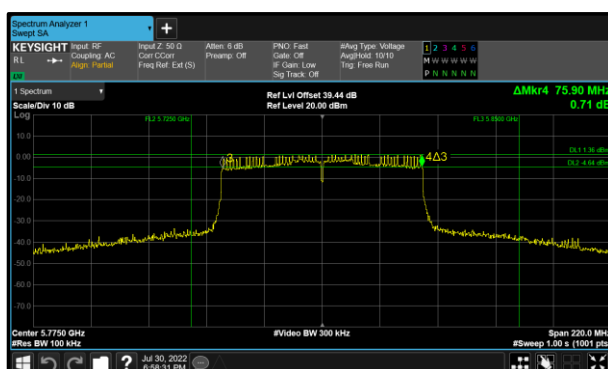


Figure 117 - 802.11ac VHT80 Minimum 6 dB EBW

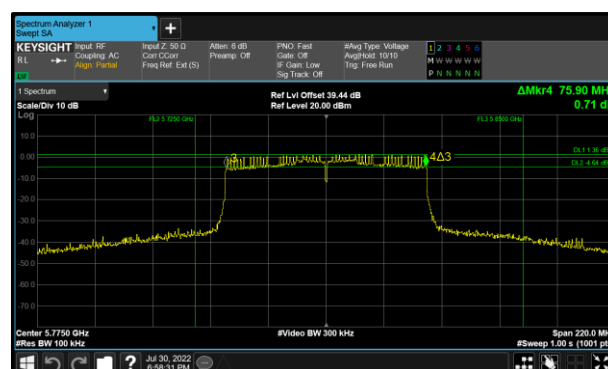


Figure 118 - 802.11ac VHT80 Maximum 6 dB EBW

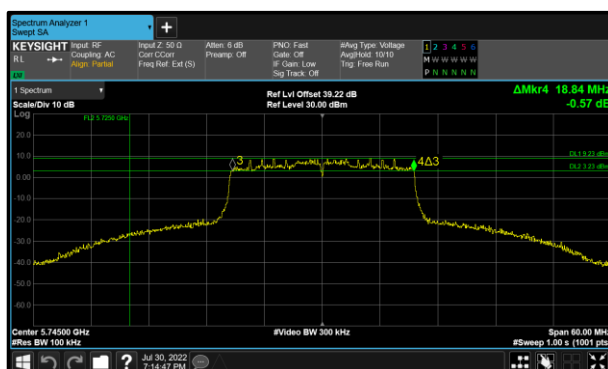


Figure 119 - 802.11ax HE20 SU Minimum 6 dB EBW

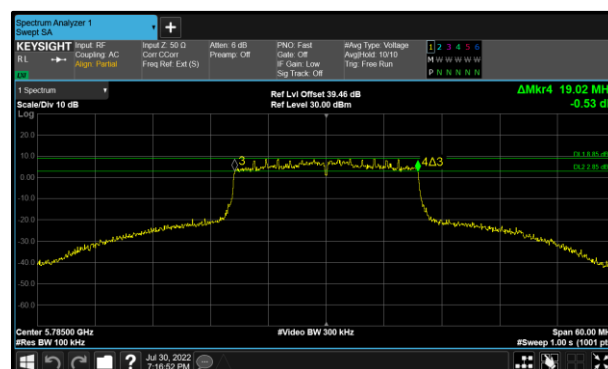


Figure 120 - 802.11ax HE20 SU Maximum 6 dB EBW

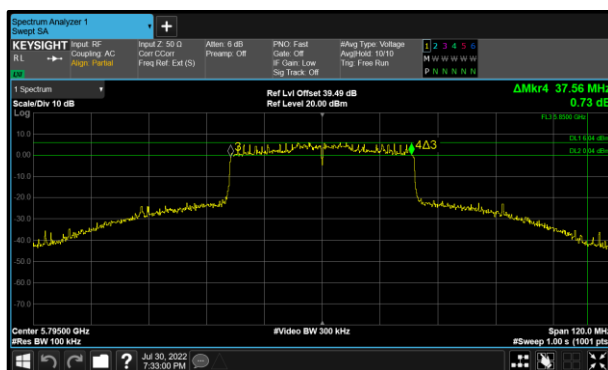


Figure 121 - 802.11ax HE40 SU Minimum 6 dB EBW

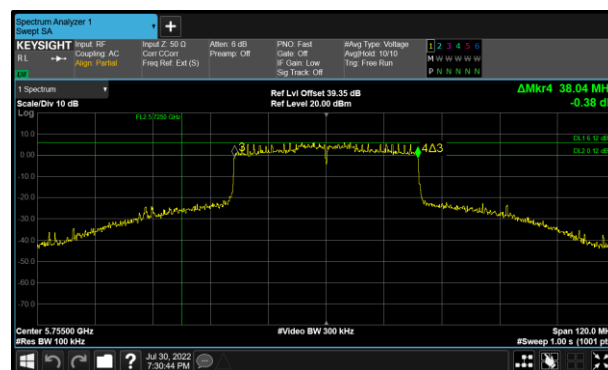


Figure 122 - 802.11ax HE40 SU Maximum 6 dB EBW

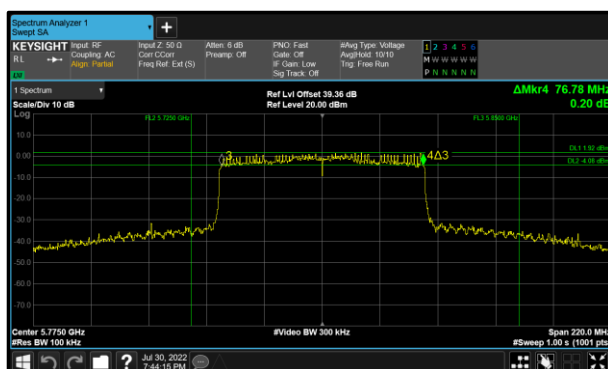


Figure 123 - 802.11ax HE80 SU Minimum 6 dB EBW

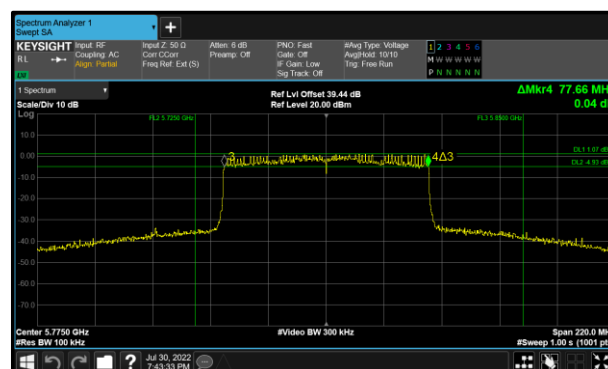


Figure 124 - 802.11ax HE80 SU Maximum 6 dB EBW



Protocol	26 dB Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	20.940	21.240
802.11n HT40	40.100	41.040
802.11ac VHT80	81.840	82.280
802.11ax HE20 SU	21.000	21.300
802.11ax HE40 SU	40.320	41.040
802.11ax HE80 SU	82.060	82.940

Table 89 - 26 dB Bandwidth Summary Results

Protocol	99% Bandwidth (MHz)	
	Minimum	Maximum
802.11n HT20	17.700	17.760
802.11n HT40	36.100	36.500
802.11ac VHT80	75.680	75.900
802.11ax HE20 SU	18.900	18.960
802.11ax HE40 SU	37.440	37.800
802.11ax HE80 SU	77.000	77.220

Table 90 - 99% Bandwidth Summary Results

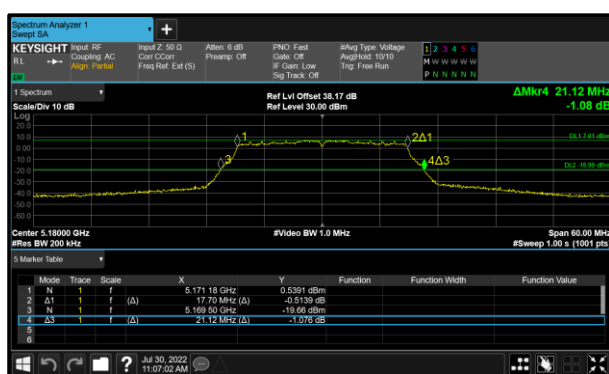


Figure 125 - 802.11n HT20 Minimum 99% OBW

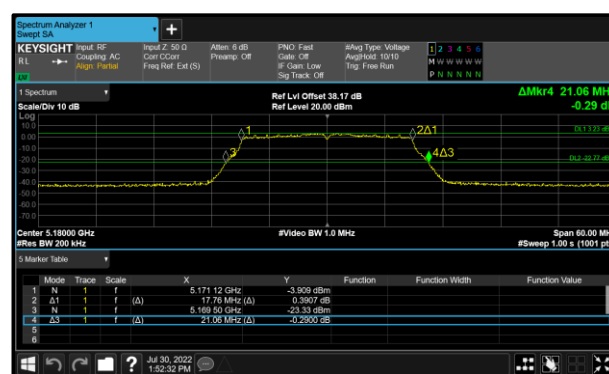


Figure 126 - 802.11n HT20 Maximum 99% OBW

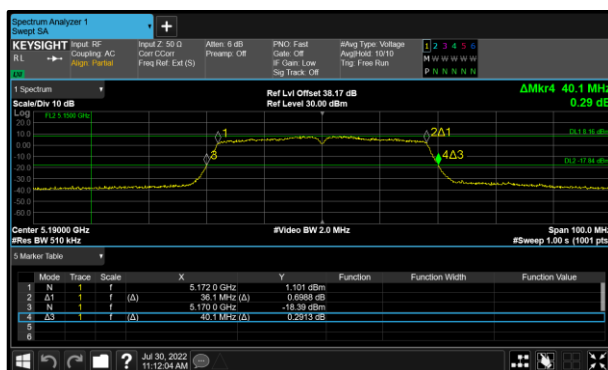


Figure 127 - 802.11n HT40 Minimum 99% OBW

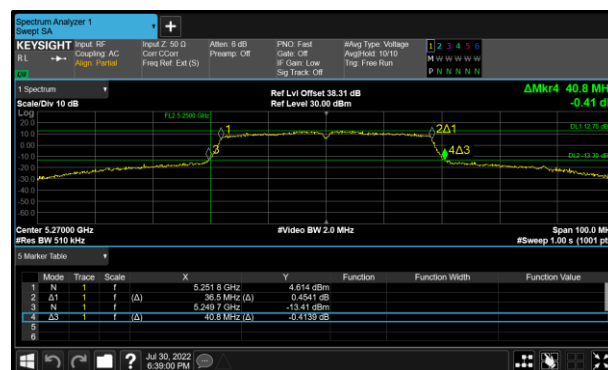


Figure 128 - 802.11n HT40 Maximum 99% OBW

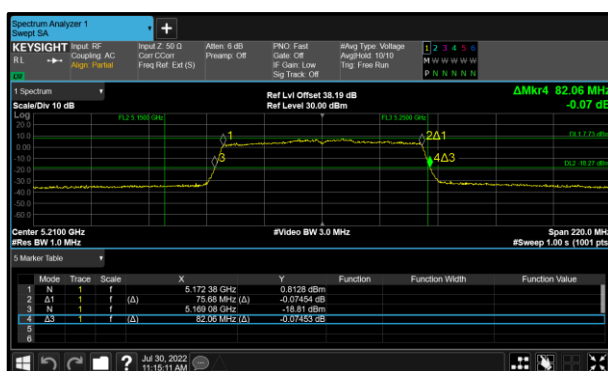


Figure 129 - 802.11ac VHT80 Minimum 99% OBW

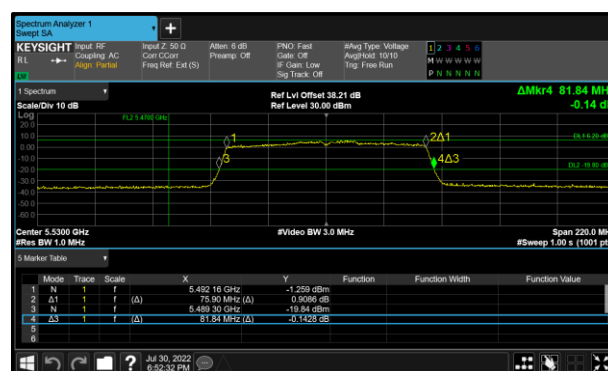


Figure 130 - 802.11ac VHT80 Maximum 99% OBW

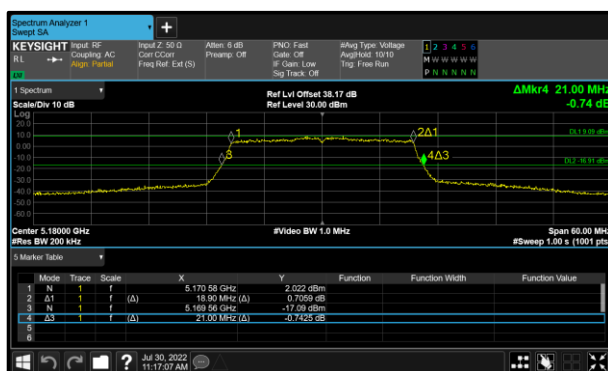


Figure 131 - 802.11ax HE20 SU Minimum 99% OBW

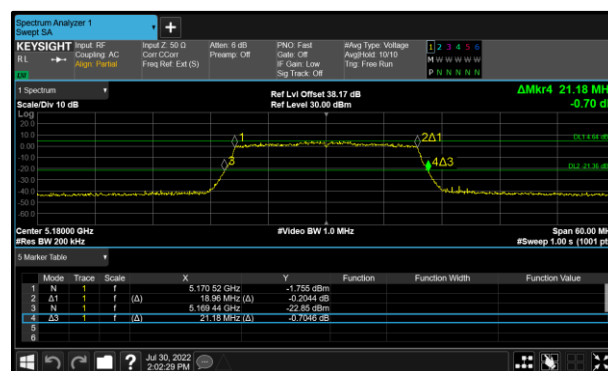


Figure 132 - 802.11ax HE20 SU Maximum 99% OBW

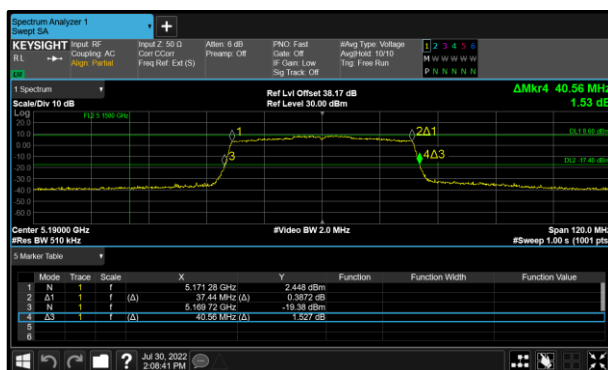


Figure 133 - 802.11ax HE40 SU Minimum 99% OBW

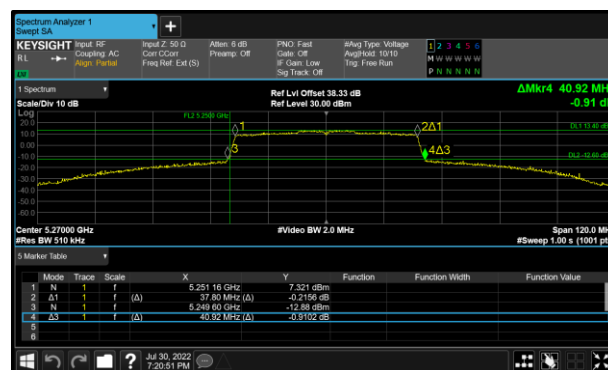


Figure 134 - 802.11ax HE40 SU Maximum 99% OBW

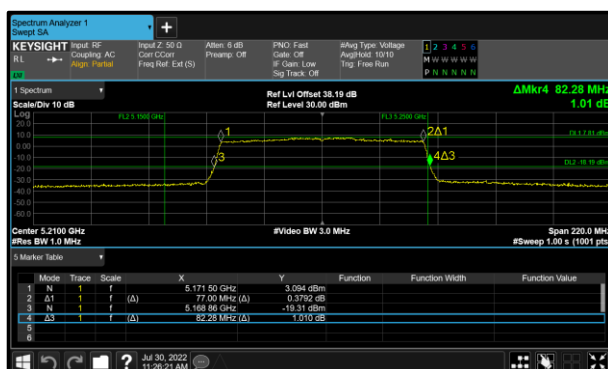


Figure 135 - 802.11ax HE80 SU Minimum 99% OBW

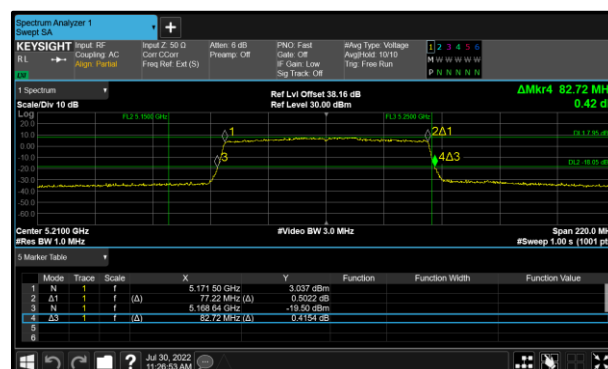


Figure 136 - 802.11ax HE80 SU Maximum 99% OBW



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
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 (5GHz Core 0 + 5GHz Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	21.120	21.060	-	-	-
5220	21.060	21.060	-	-	-
5240	21.180	21.120	-	-	-

Table 91 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
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 (5GHz Core 0 + 5GHz Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5180	17.760	17.760	-	-	-
5220	17.700	17.760	-	-	-
5240	17.700	17.760	-	-	-

Table 92 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (5GHz Core 0 + 5GHz Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	40.100	40.200	-	-	-
5230	40.500	40.600	-	-	-

Table 93 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11n HT40	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (5GHz Core 0 + 5GHz Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5190	36.100	36.100	-	-	-
5230	36.300	36.300	-	-	-

Table 94 - 99% Bandwidth Results



Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (5GHz Core 0 + 5GHz Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	26 dB Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	82.060	82.060	-	-	-

Table 95 - 26 dB Bandwidth Results

Test Configuration			
Frequency Range:	5.150-5.250 GHz	Band:	U-NII-1
Limit Clause(s):		Test Method(s):	C63.10 6.9.3 C63.10 12.4.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	802.11ac VHT80	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	-
Active Port(s):	A+B (5GHz Core 0 + 5GHz Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	99% Bandwidth (MHz)				Limit (kHz)
	A	B	C	D	
5210	75.680	75.680	-	-	-

Table 96 - 99% Bandwidth Results