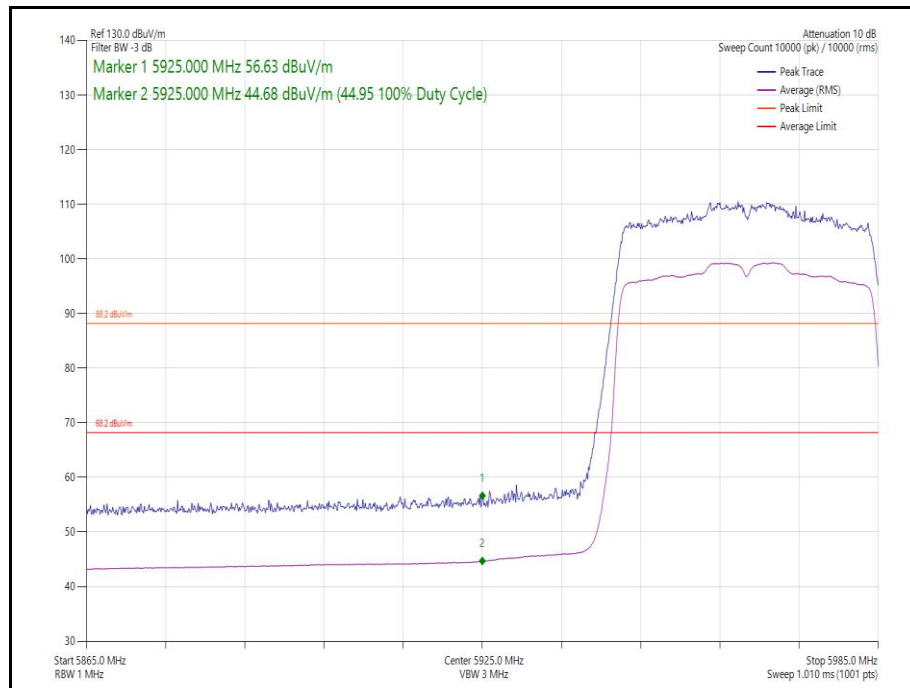




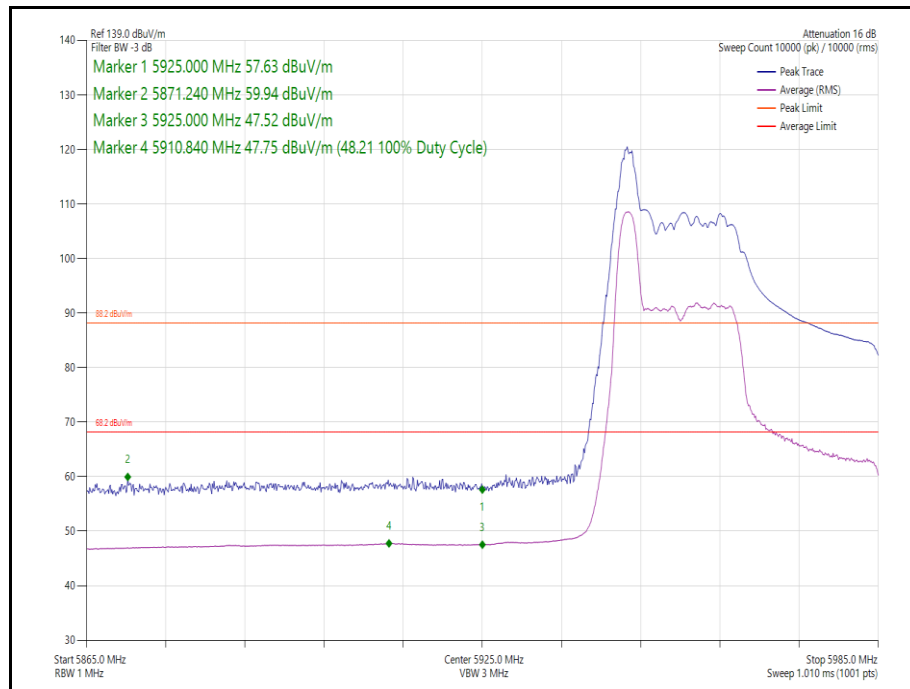
40 MHz Bandwidth (SISO)

Mode	Data Rate /MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE40, Core 1	MCS 4x1	SU	-	5965	5925	56.63	44.95
802.11ax HE40, Core 1	MCS 11x1	26	0	5965	5925	59.94	48.21
802.11ax HE40, Core 1	MCS 11x1	SU	-	7085	7125	60.99	48.14
802.11ax HE40, Core 1	MCS 11x1	26	17	7085	7125	63.75	51.97

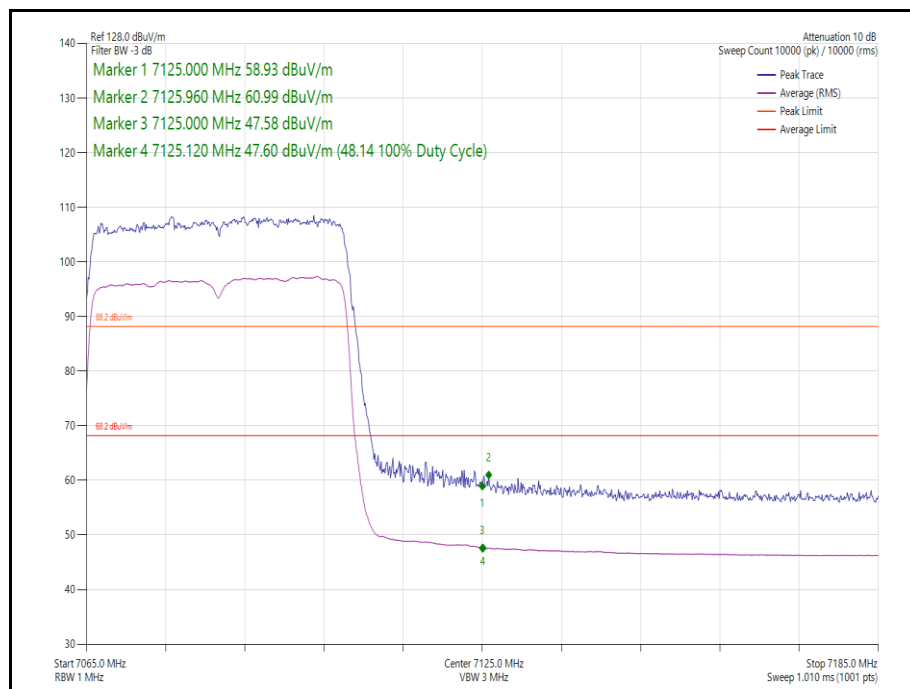
Table 324 - SISO Authorised Band Edge Results



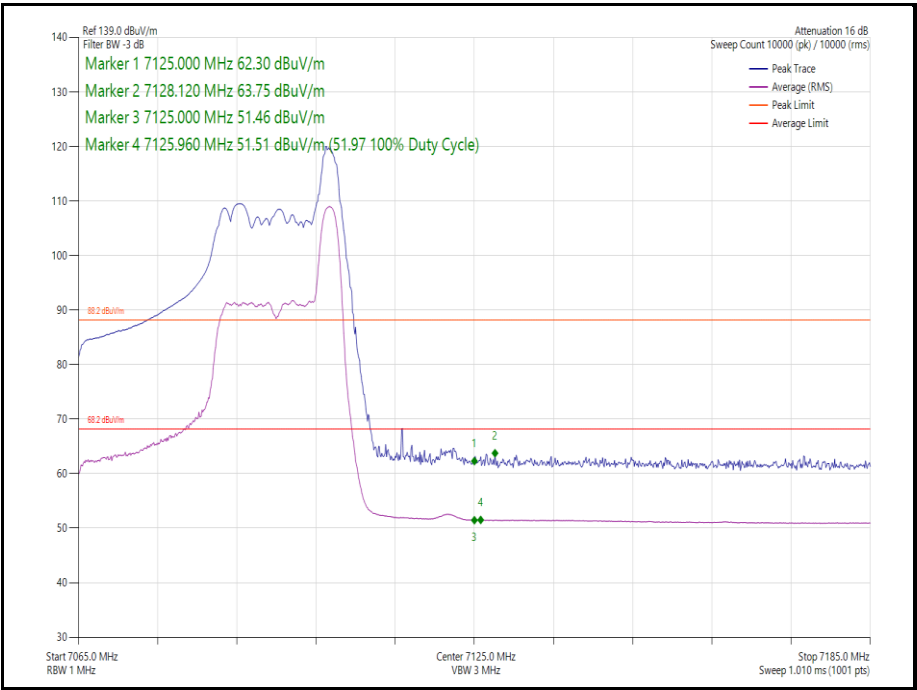
**Figure 42 - 802.11ax HE40, Core 1, SU - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 43 - 802.11ax HE40, Core 1, 26-0 - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 44 - 802.11ax HE40, Core 1, SU - 7085 MHz
Band Edge Frequency 7125 MHz**

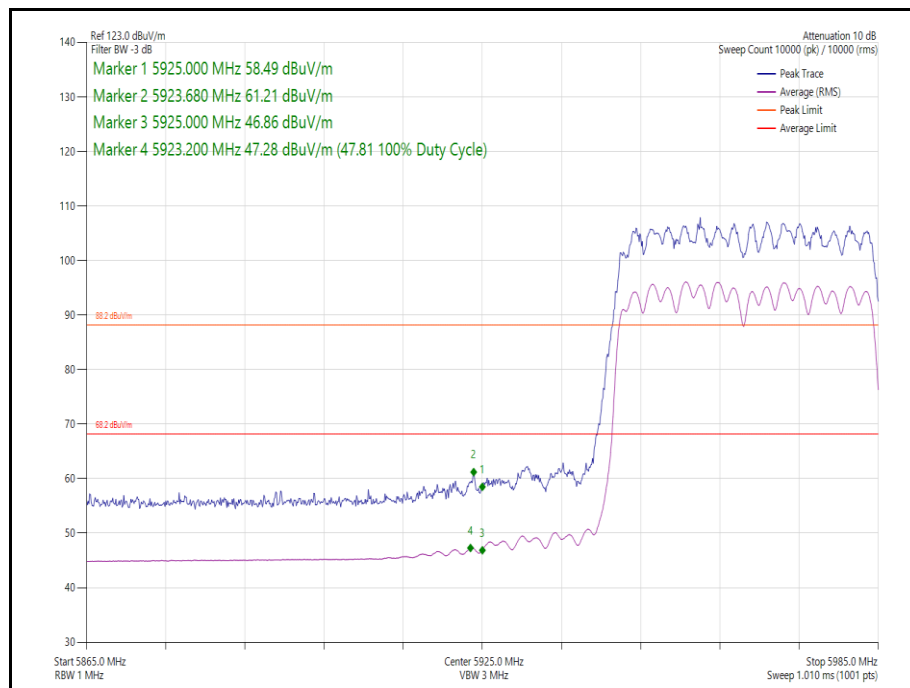


**Figure 45 - 802.11ax HE40, Core 1, 26-17 - 7085 MHz
Band Edge Frequency 7125 MHz**

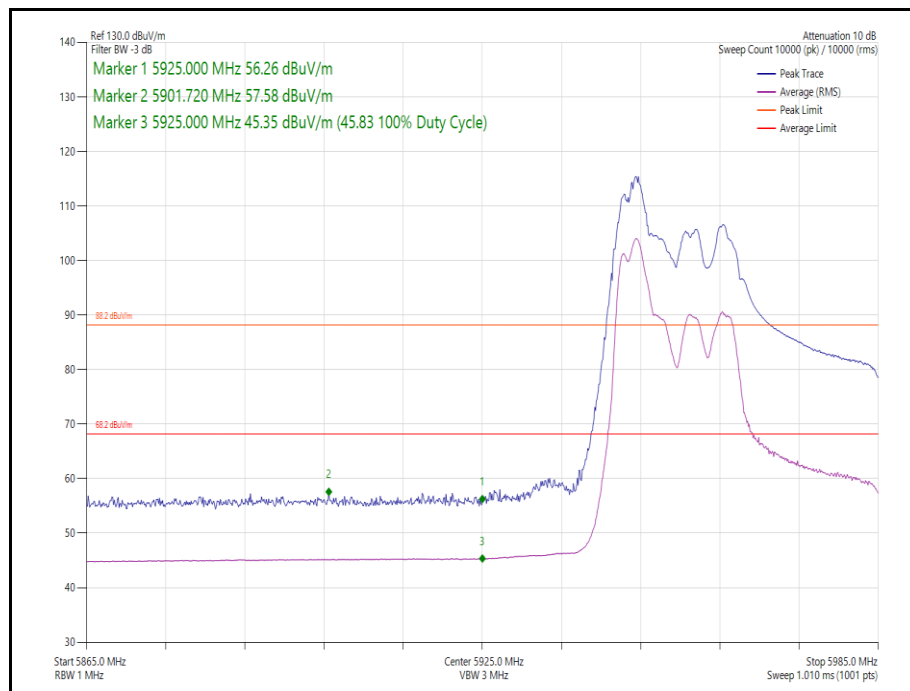
40 MHz Bandwidth (2TX MIMO)

Mode	Data Rate/ MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE40 CDD, Cores 0-1	MCS 11x1	SU	-	5965	5925	61.21	47.81
802.11ax HE40 CDD, Cores 0-1	MCS 11x1	52	37	5965	5925	57.58	45.83
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	SU	-	5965	5925	62.24	46.23
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	26	0	5965	5925	59.24	48.21
802.11ax HE40 CDD, Cores 0-1	MCS 11x1	SU	-	7085	7125	62.16	49.63
802.11ax HE40 CDD, Cores 0-1	MCS 11x1	52	44	7085	7125	59.09	47.54
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	SU	-	7085	7125	63.00	48.52
802.11ax HE40 SDM, Cores 0-1	MCS 11x2	26	17	7085	7125	62.85	47.52

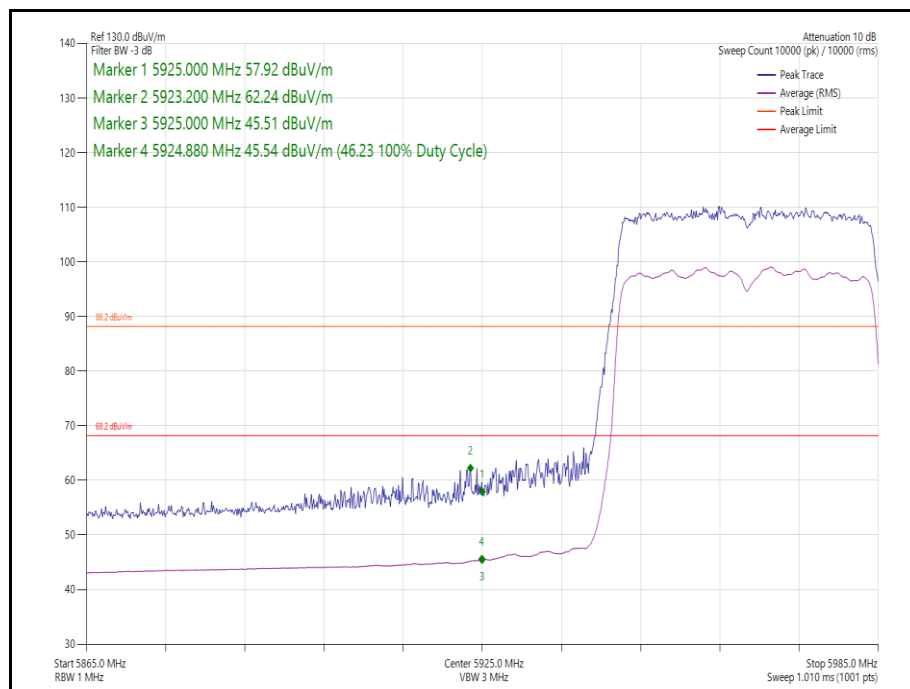
Table 325 - MIMO 2TX Authorised Band Edge Results



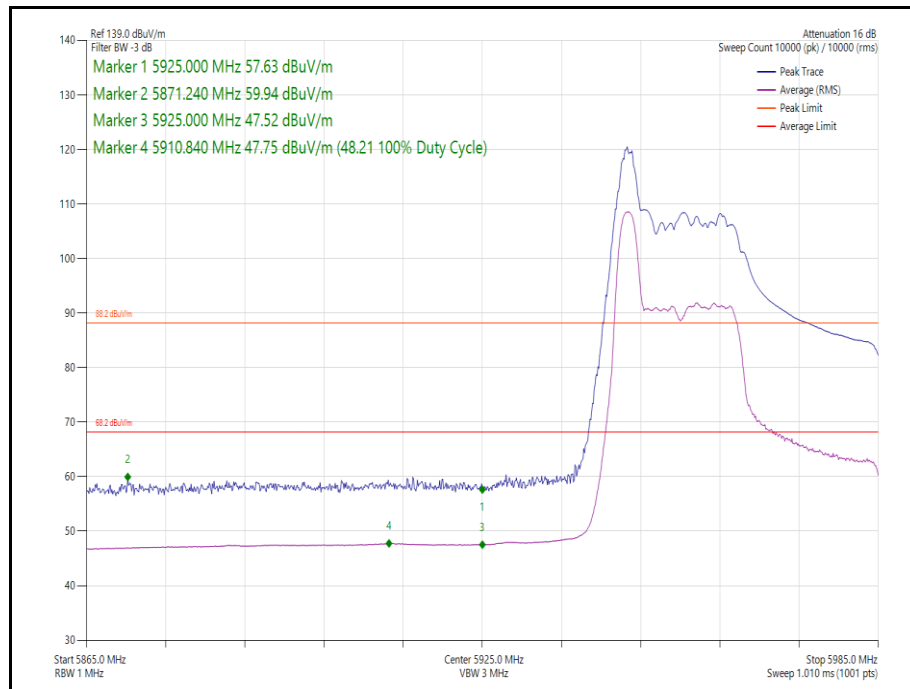
**Figure 46 - 802.11ax HE40 CDD, Cores 0-1, SU - 5965 MHz
Band Edge Frequency 5925 MHz**



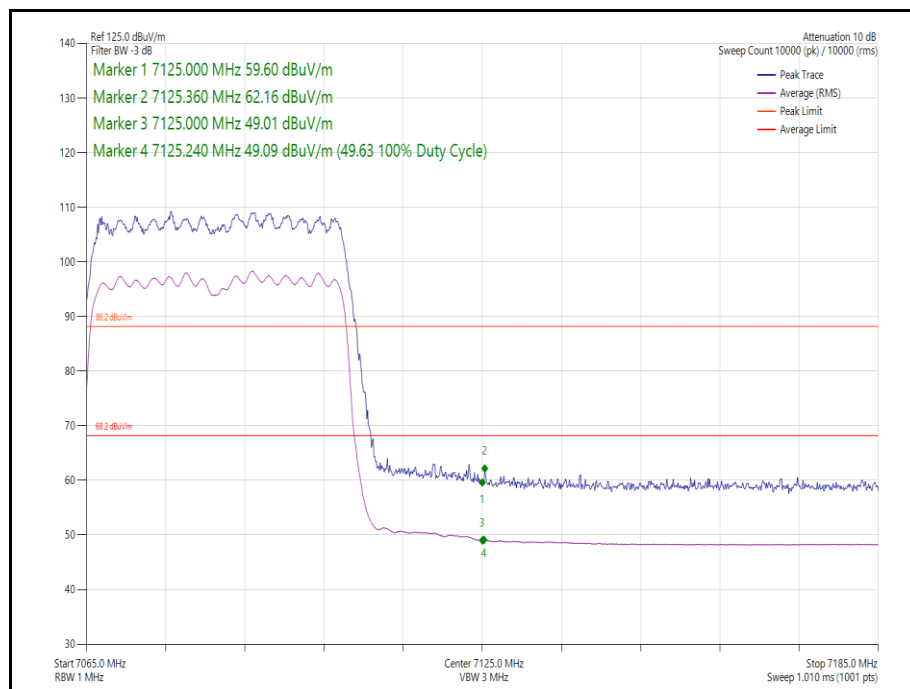
**Figure 47 - 802.11ax HE40 CDD, Cores 0-1, 52-37 - 5965 MHz
Band Edge Frequency 5925 MHz**



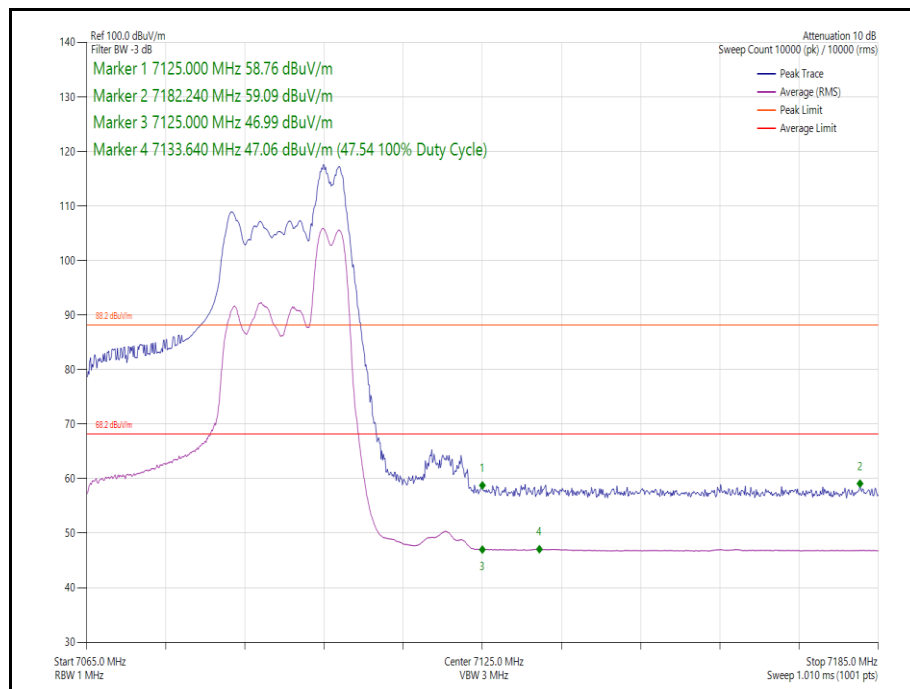
**Figure 48 - 802.11ax HE40 SDM, Cores 0-1, SU - 5965 MHz
Band Edge Frequency 5925 MHz**



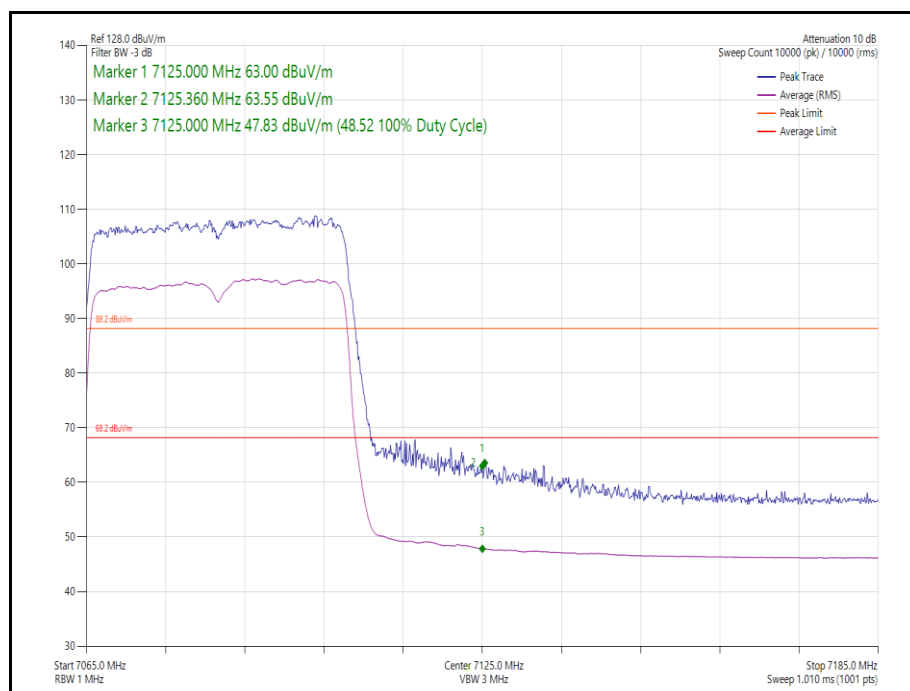
**Figure 49 - 802.11ax HE40 SDM, Cores 0-1, 26-0 - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 50 - 802.11ax HE40 CDD, Cores 0-1, SU - 7085 MHz
Band Edge Frequency 7125 MHz**



**Figure 51 - 802.11ax HE40 CDD, Cores 0-1, 52-44 - 7085 MHz
Band Edge Frequency 7125 MHz**



**Figure 52 - 802.11ax HE40 SDM, Cores 0-1, SU - 7085 MHz
Band Edge Frequency 7125 MHz**

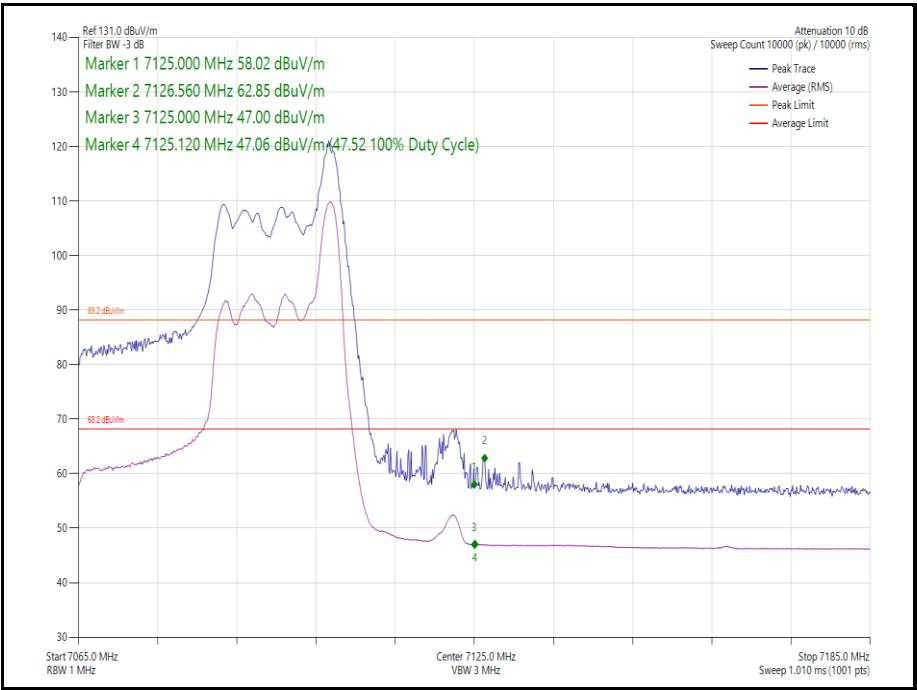
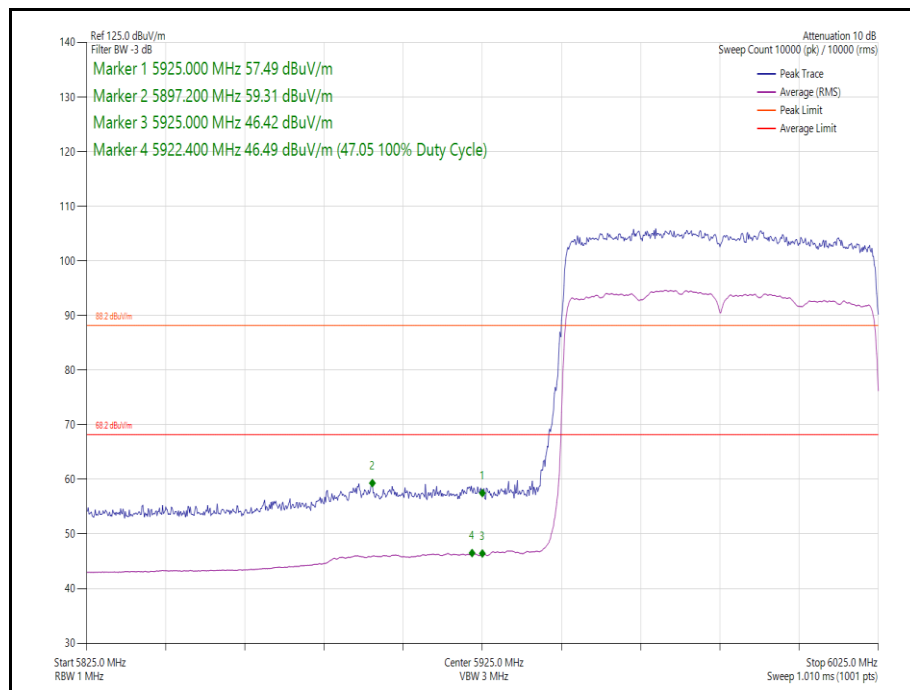


Figure 53 - 802.11ax HE40 SDM, Cores 0-1, 26-17 - 7085 MHz
Band Edge Frequency 7125 MHz

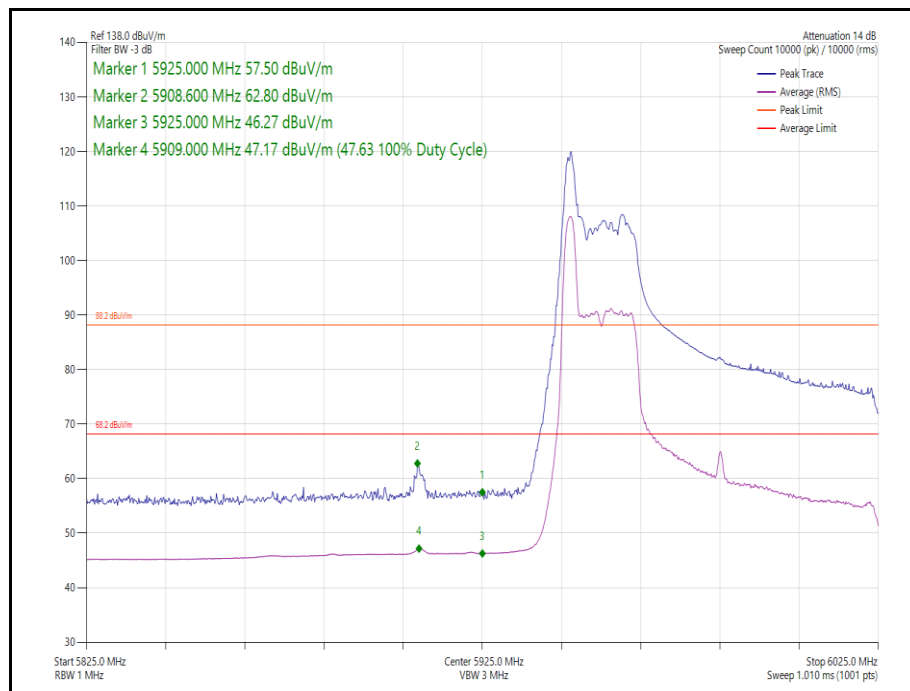
80 MHz Bandwidth (SISO)

Mode	Data Rate /MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE80, Core 1	MCS 11x1	SU	-	5985	5925	59.31	47.05
802.11ax HE80, Core 1	MCS 11x1	26	0	5985	5925	62.08	47.63
802.11ax HE80, Core 1	MCS 2x1	SU	-	7025	7125	59.27	47.52
802.11ax HE80, Core 1	MCS 11x1	26	17	7025	7125	63.11	51.87

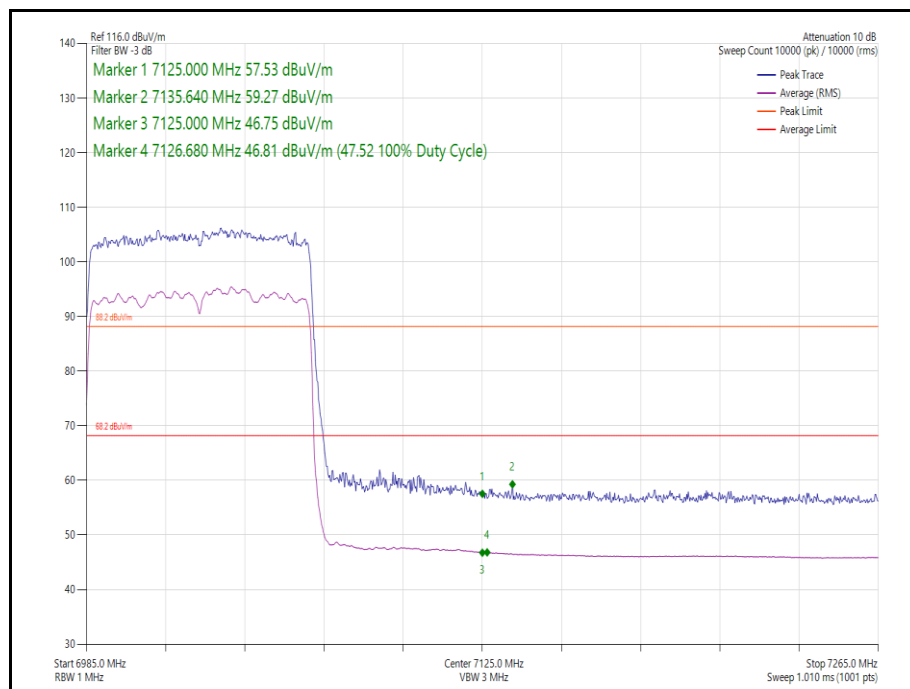
Table 326 - SISO Authorised Band Edge Results



**Figure 54 - 802.11ax HE80 Core 1 SU - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 55 - 802.11ax HE80 Core 1 26-0 - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 56 - 802.11ax HE80 Core 1 SU - 7025 MHz
Band Edge Frequency 7125 MHz**

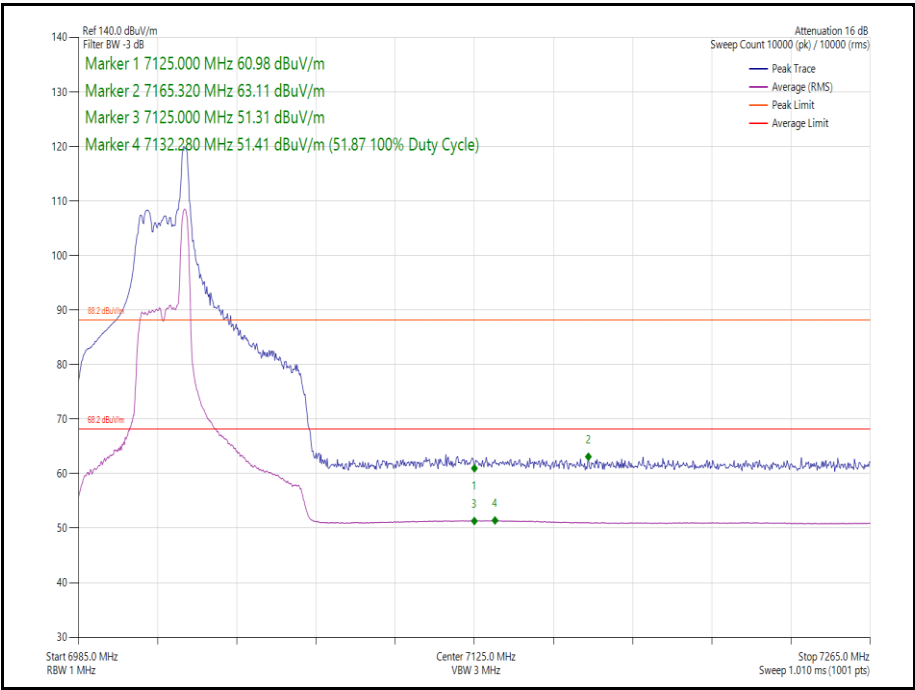
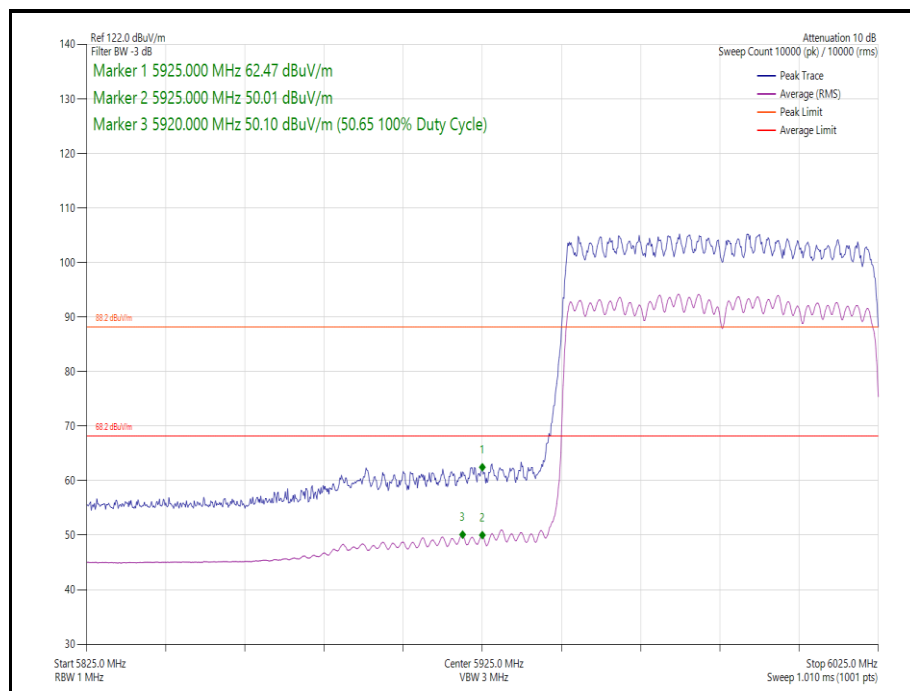


Figure 57 - 802.11ax HE80 Core 1 26-17 - 7025 MHz
Band Edge Frequency 7125 MHz

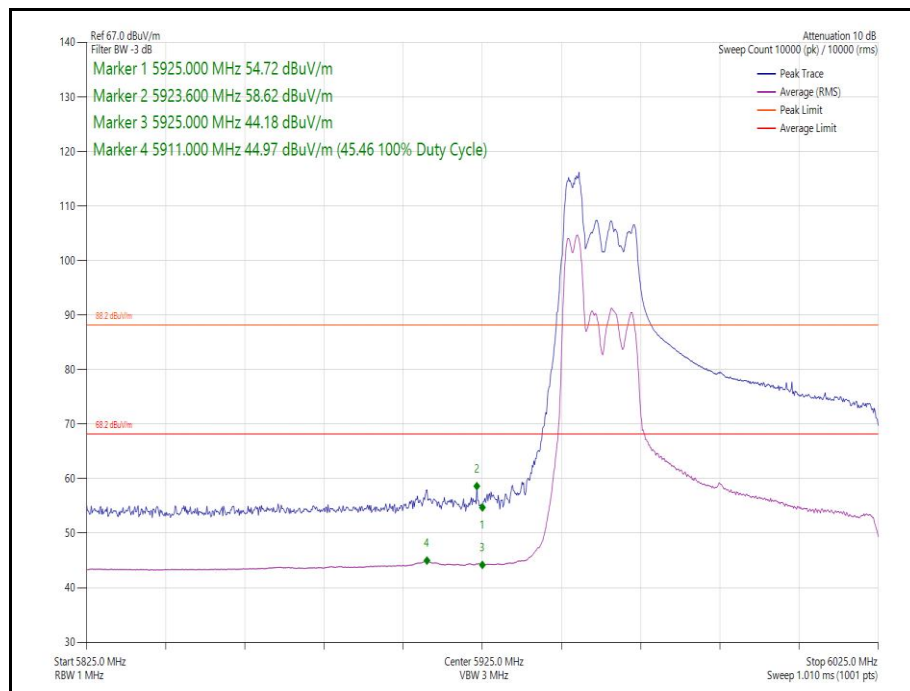
80 MHz Bandwidth (2TX MIMO)

Mode	Data Rate/ MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	SU	-	5985	5925	62.47	50.65
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	52	37	5985	5925	58.62	45.46
802.11ax HE80 SDM, Cores 0-1	MCS 4x2	SU	-	5985	5925	60.98	47.93
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	26	0	5985	5925	62.80	47.63
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	SU	-	7025	7125	59.41	47.58
802.11ax HE80 CDD, Cores 0-1	MCS 11x1	52	37	7025	7125	71.00	52.78
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	SU	-	7025	7125	59.27	47.52
802.11ax HE80 SDM, Cores 0-1	MCS 11x2	26	36	7025	7125	59.57	47.45

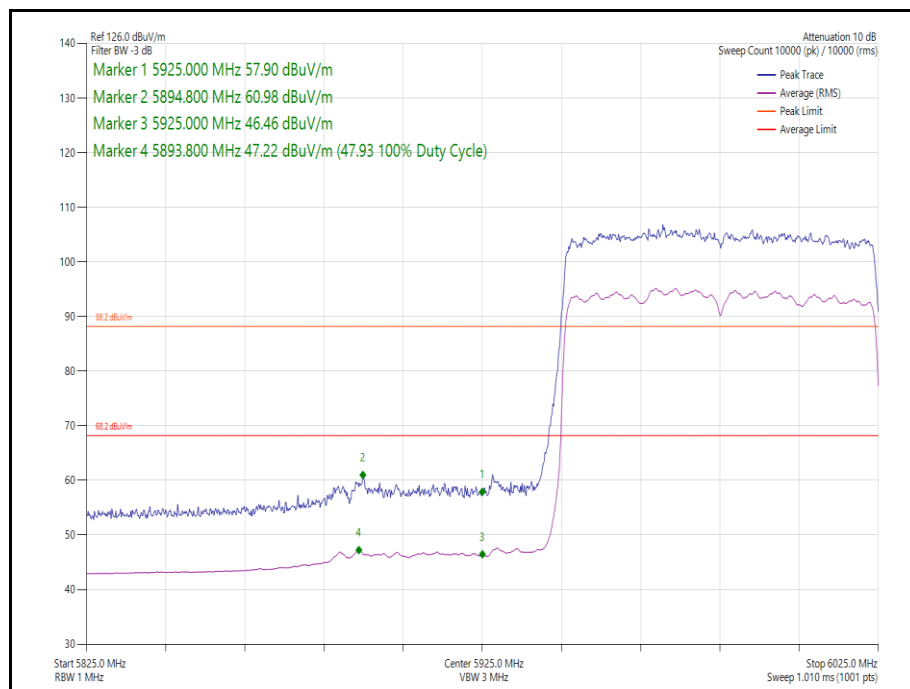
Table 327 - MIMO 2TX Authorised Band Edge Results



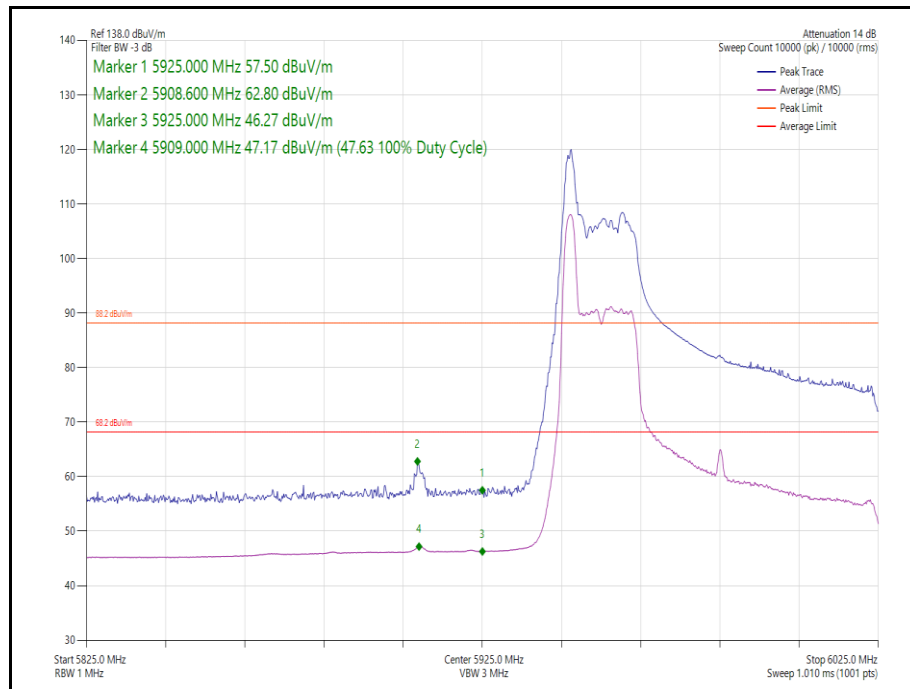
**Figure 58 - 802.11ax HE80 CDD, Cores 0-1, SU - 5985 MHz
Band Edge Frequency 5925 MHz**



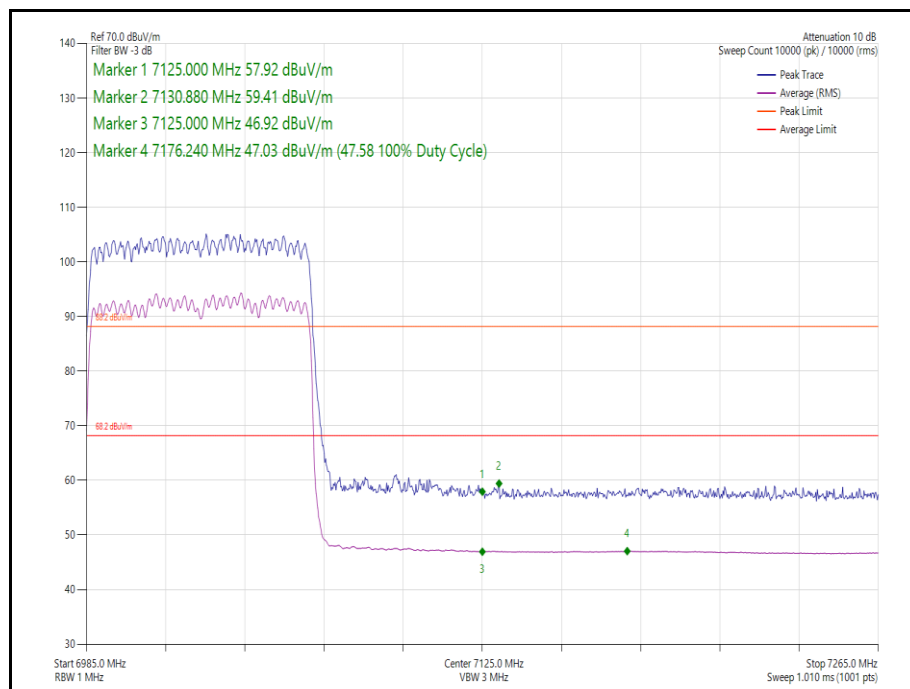
**Figure 59 - 802.11ax HE80 CDD, Cores 0-1, 52-37 - 5985 MHz
Band Edge Frequency 5925 MHz**



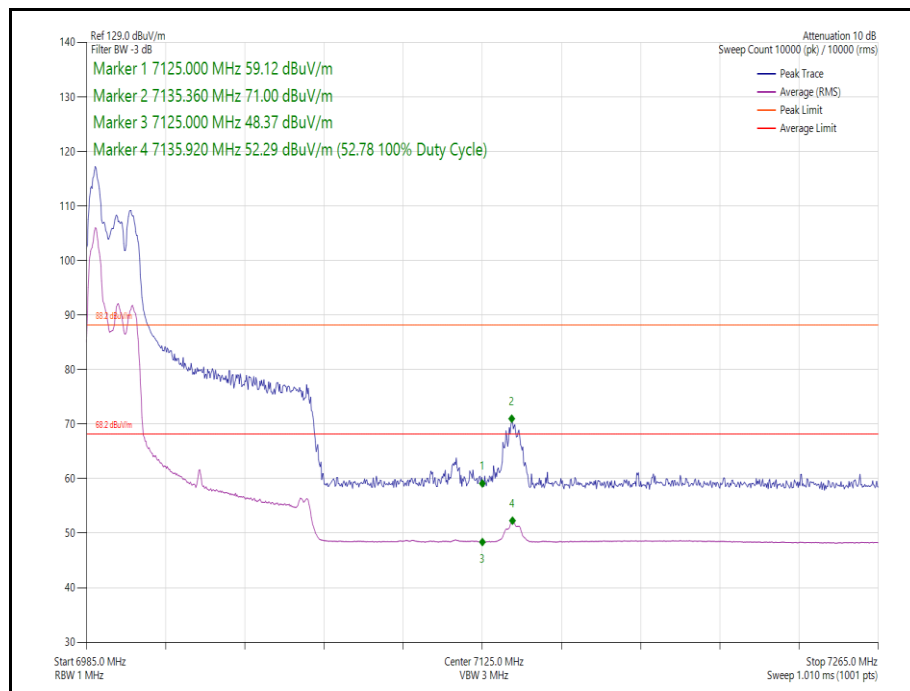
**Figure 60 - 802.11ax HE80 SDM, Cores 0-1, SU - 5985 MHz
Band Edge Frequency 5925 MHz**



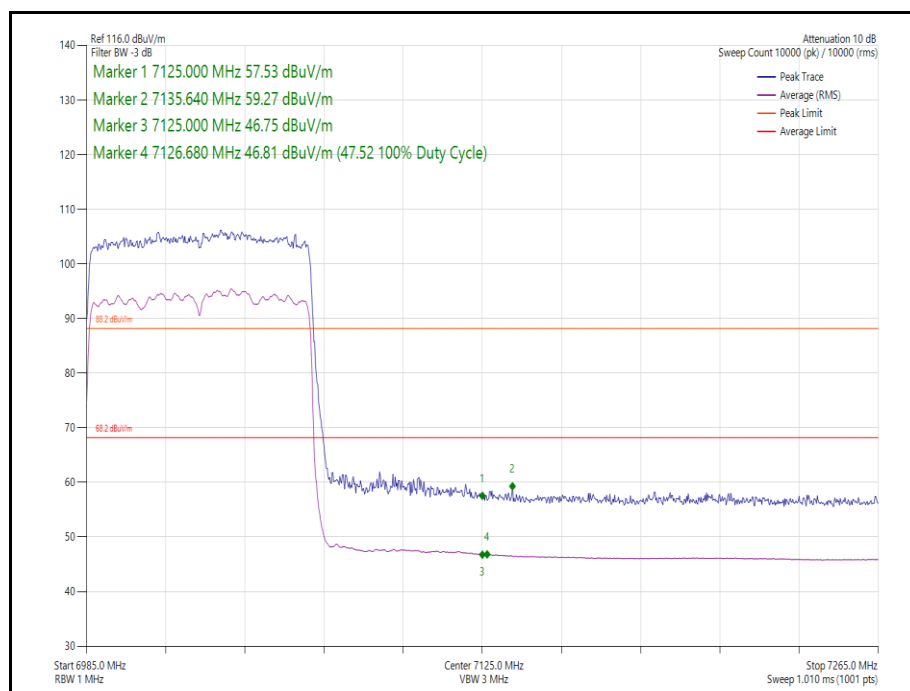
**Figure 61 - 802.11ax HE80 SDM, Cores 0-1, 26-0 - 5985 MHz
 Band Edge Frequency 5925 MHz**



**Figure 62 - 802.11ax HE80 CDD, Cores 0-1, SU - 7025 MHz
 Band Edge Frequency 7125 MHz**



**Figure 63 - 802.11ax HE80 CDD Cores 0-1, 52-37 - 7025 MHz
Band Edge Frequency 7125 MHz**



**Figure 64 - 802.11ax HE80 SDM, Cores 0-1, SU - 7025 MHz
Band Edge Frequency 7125 MHz**

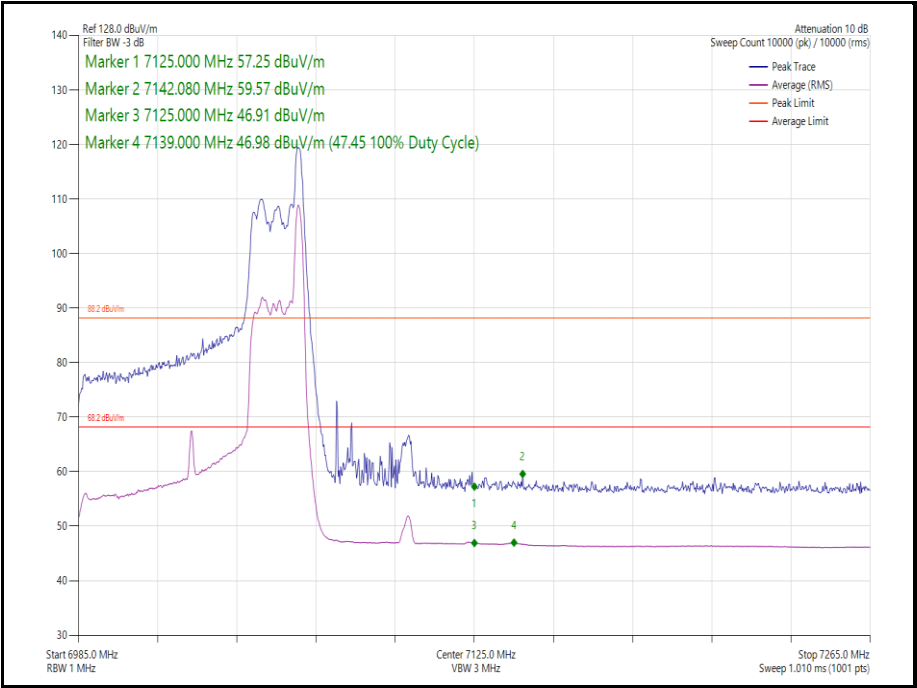
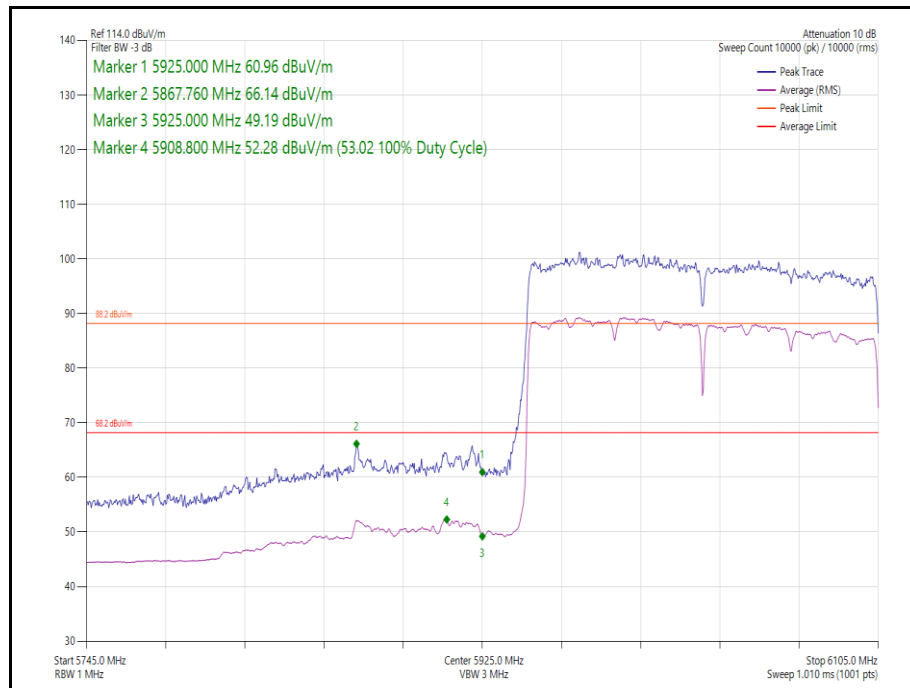


Figure 65 - 802.11ax HE80 SDM, Cores 0-1, 26-36 - 7025 MHz
Band Edge Frequency 7125 MHz

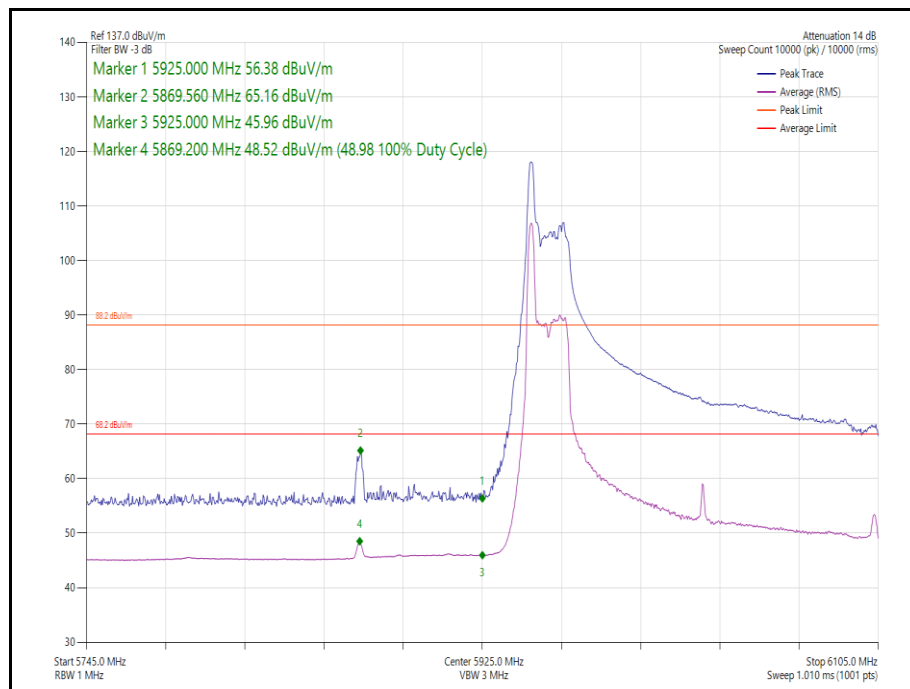
160 MHz Bandwidth (SISO)

Mode	Data Rate /MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE160, Core 1	MCS 11x1	SU	-	6025	5925	66.14	53.02
802.11ax HE160, Core 1	MCS 11x1	26	0	6025	5925	65.16	48.98
802.11ax HE160, Core 1	MCS 11x1	SU	-	6985	7125	61.07	49.73
802.11ax HE160, Core 1	MCS 11x1	26	17	6985	7125	68.23	50.86

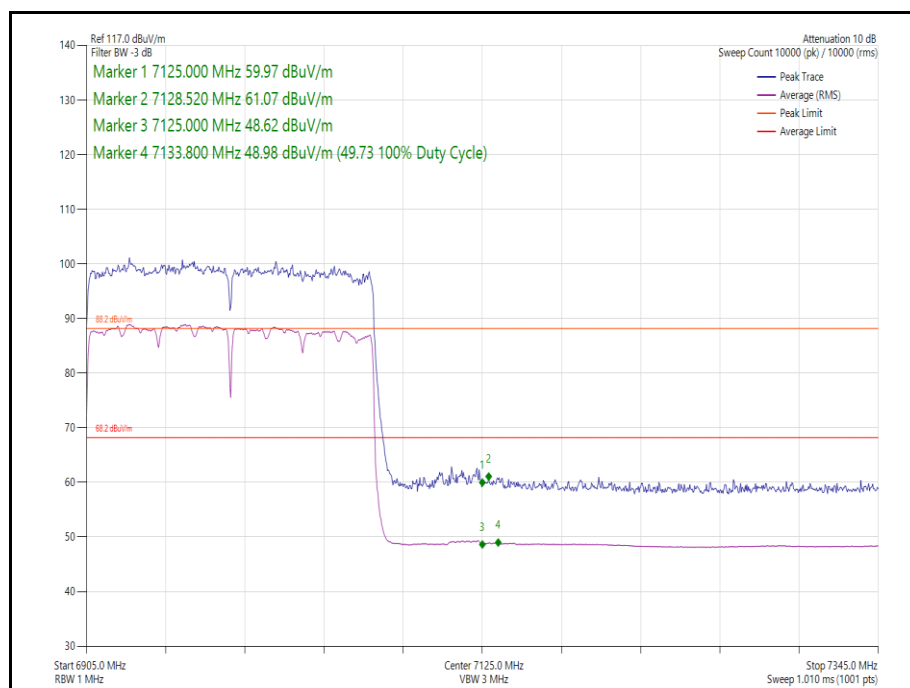
Table 328 - SISO Authorised Band Edge Results



**Figure 66 - 802.11ax HE160 Core 1 SU - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 67 - 802.11ax HE160 Core 1 26-0 - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 68 - 802.11ax HE160 Core 1 SU - 6985 MHz
Band Edge Frequency 7125 MHz**

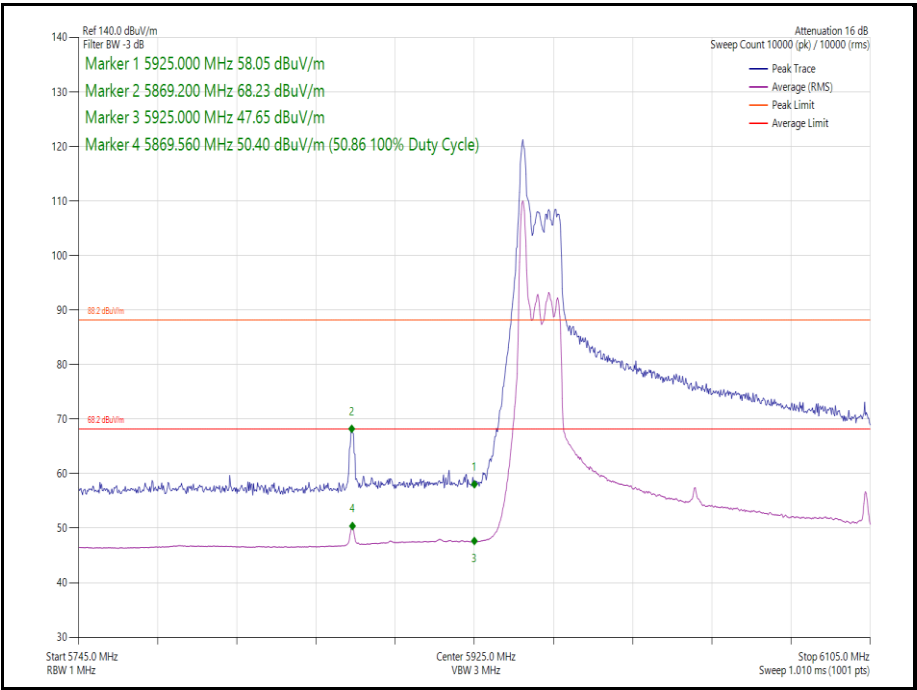
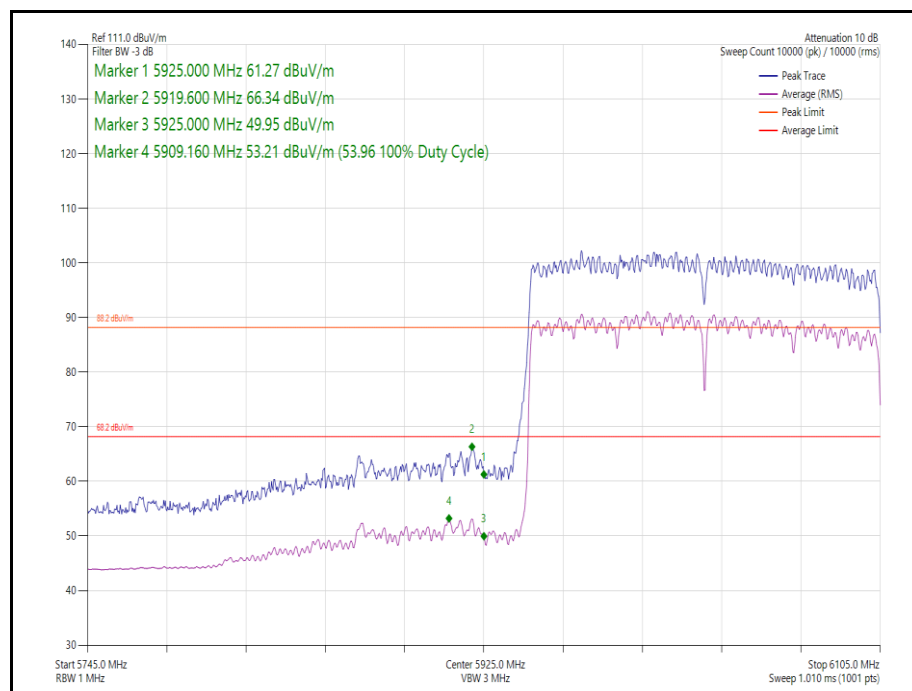


Figure 69 - 802.11ax HE160 Core 1 26-17 - 6985 MHz
Band Edge Frequency 7125 MHz

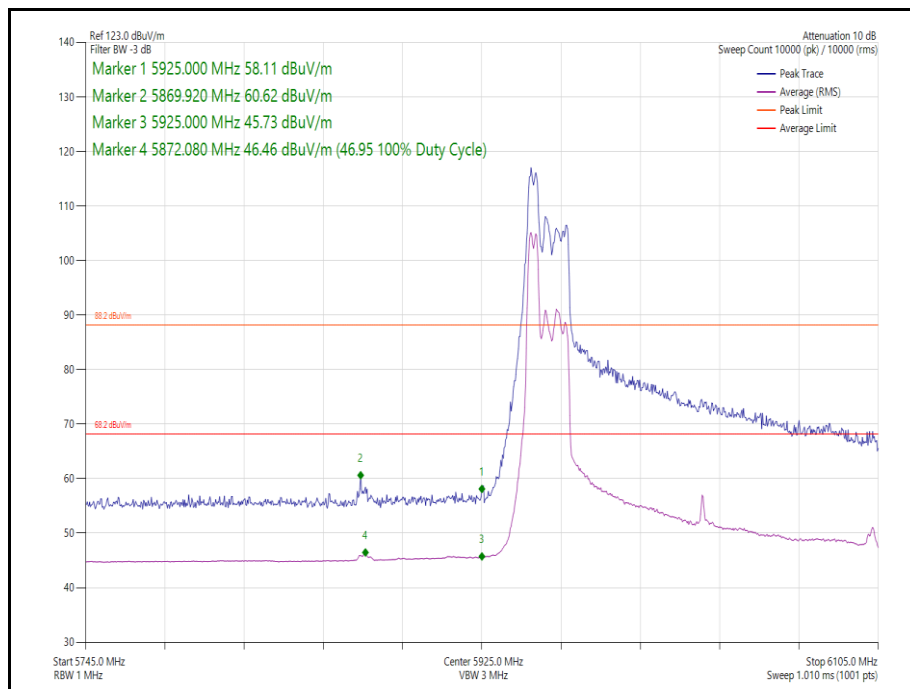
160 MHz Bandwidth (2TX MIMO)

Mode	Data Rate/ MCS	Resource size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	SU	-	6025	5925	66.34	53.96
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	52	37	6025	5925	60.62	46.46
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	SU	-	6025	5925	64.67	52.97
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	26	0	6025	5925	68.23	50.86
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	SU	-	6985	7125	62.32	50.89
802.11ax HE160 CDD, Cores 0-1	MCS 11x1	52	52	6985	7125	64.19	51.05
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	SU	-	6985	7125	61.92	49.81
802.11ax HE160 SDM, Cores 0-1	MCS 11x2	26	36	6985	7125	64.97	52.20

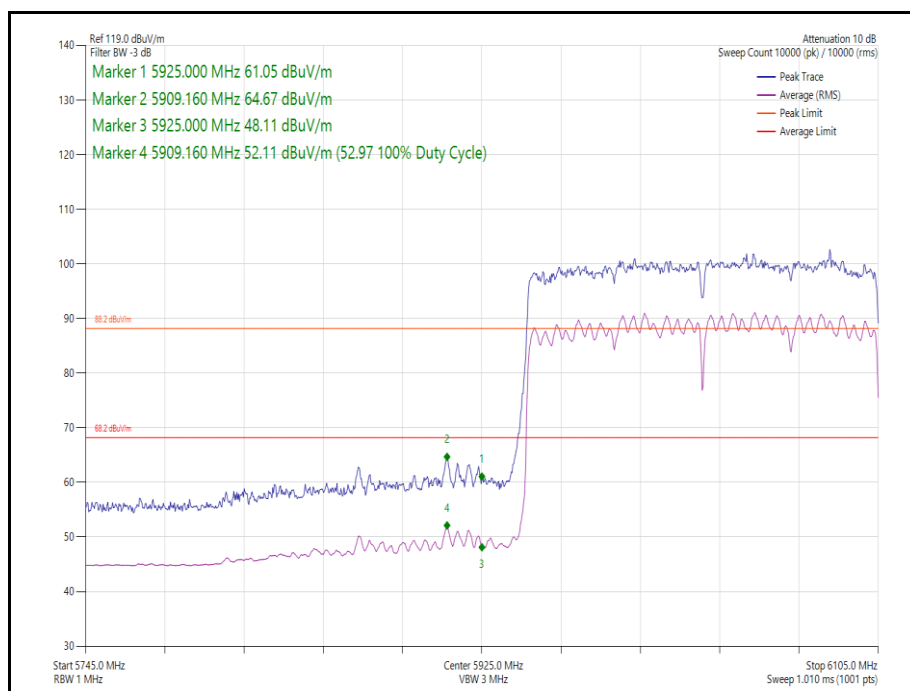
Table 329 - MIMO 2TX Authorised Band Edge Results



**Figure 70 - 802.11ax HE160 CDD, Cores 0-1, SU - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 71 - 802.11ax HE160 CDD, Cores 0-1, 52-37 - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 72 - 802.11ax HE160 SDM, Cores 0-1, SU - 6025 MHz
Band Edge Frequency 5925 MHz**

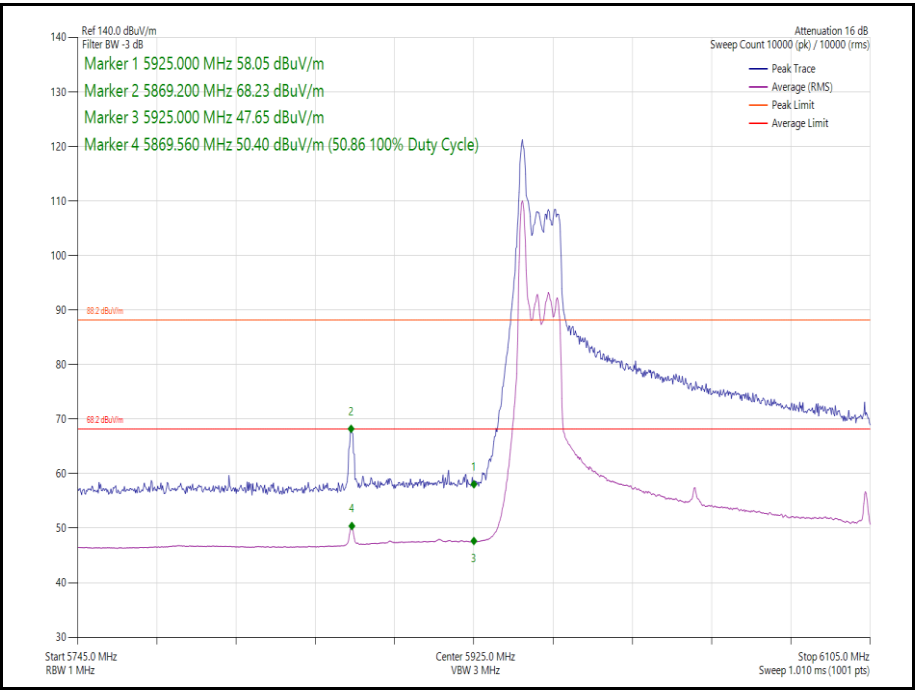


Figure 73 - 802.11ax HE160 SDM, Cores 0-1, 26-0 - 6025 MHz
Band Edge Frequency 5925 MHz

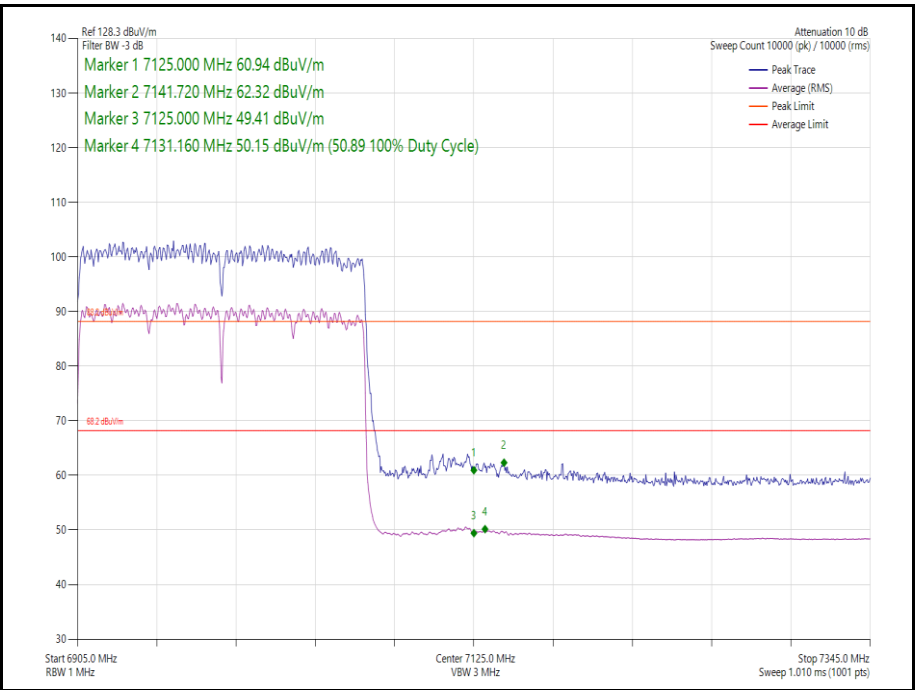


Figure 74 - 802.11ax HE160 CDD, Cores 0-1, SU - 6985 MHz
Band Edge Frequency 7125 MHz

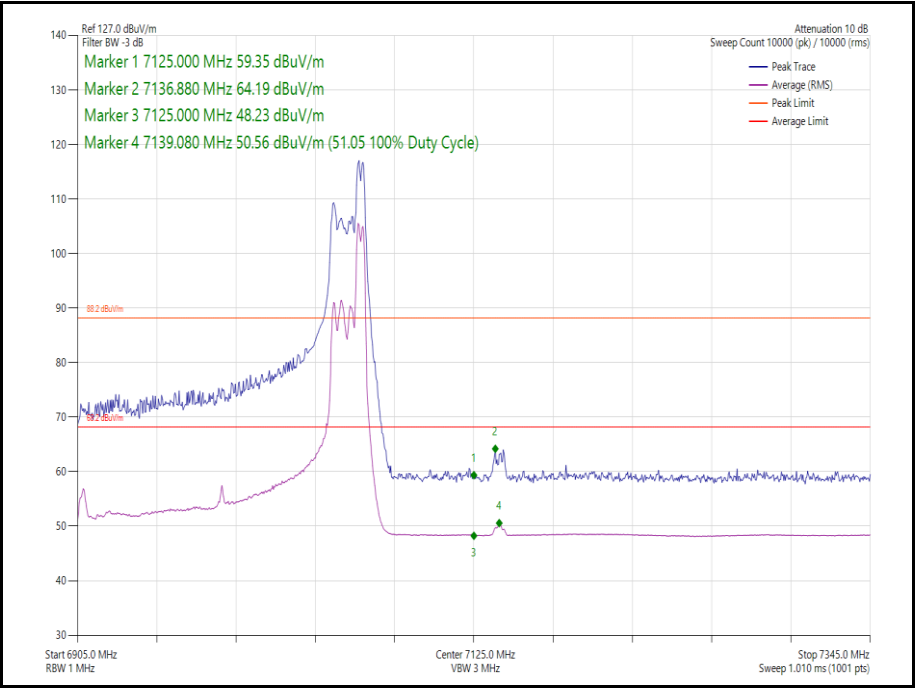


Figure 75 - 802.11ax HE160 CDD, Cores 0-1, 52-52 - 6985 MHz
Band Edge Frequency 7125 MHz

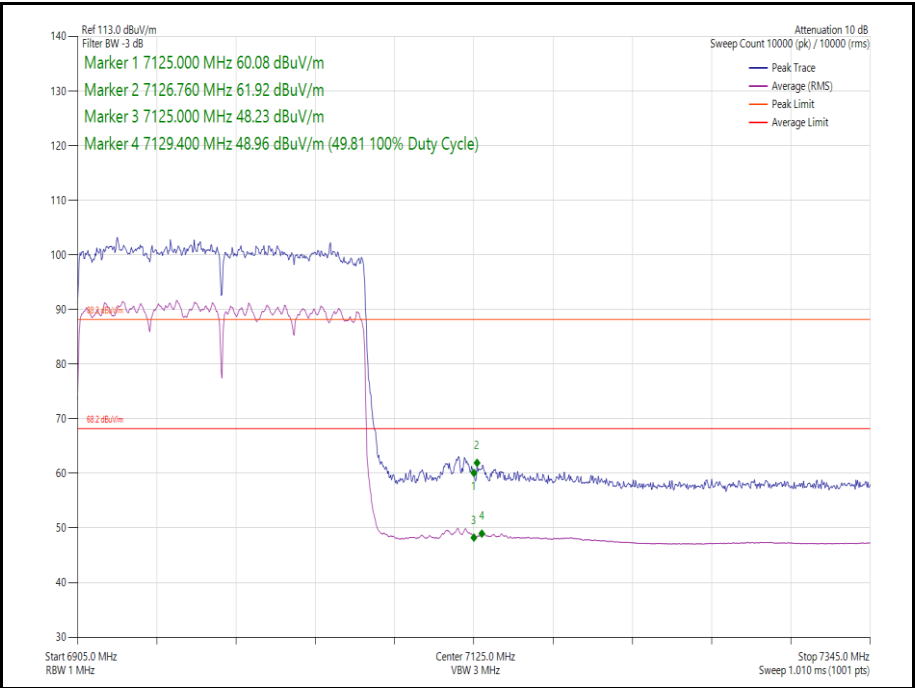
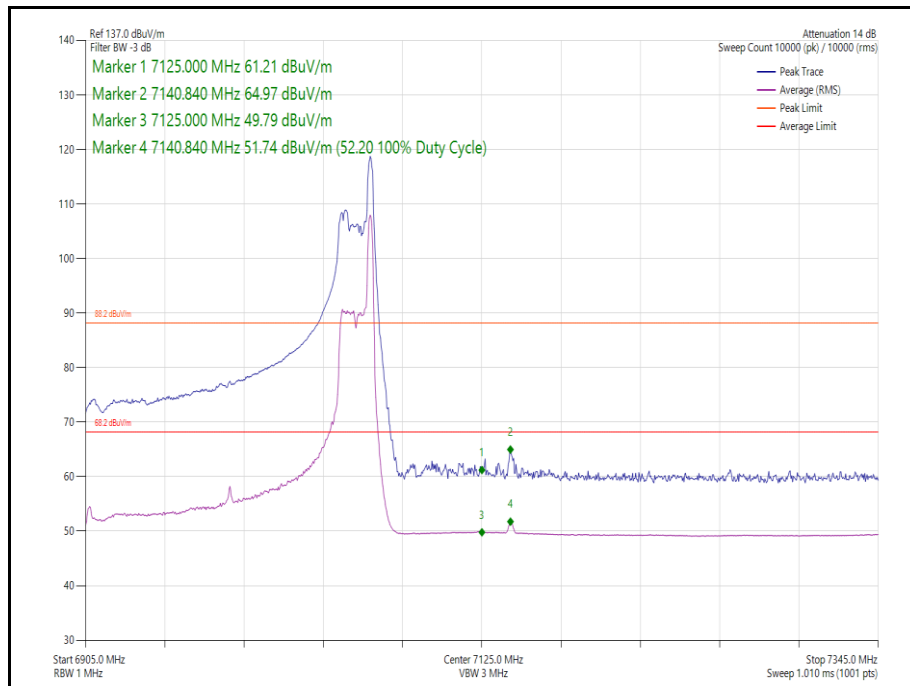


Figure 76 - 802.11ax HE160 SDM, Cores 0-1, SU - 6985 MHz
Band Edge Frequency 7125 MHz



**Figure 77 - 802.11ax HE160 SDM, Cores 0-1, 26-36 - 6985 MHz
Band Edge Frequency 7125 MHz**

FCC 47 CFR Part 15E, Limit Clause 15.407(b)(1)(2)(3)(4)

For transmitters operating within the 5.925–7.125 GHz band: Any emissions outside of the 5.925–7.125 GHz band must not exceed an e.i.r.p. of -27 dBm.

ISED RSS-248, Limit Clause 4.7.2(a)

Any emissions outside of the 5925-7125 MHz band shall not exceed –27 dBm/MHz e.i.r.p



2.4.7 Test Location and Test Equipment Used

This test was carried out in EMC Chamber 5 and RF Chamber 15.

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
Emissions Software	TUV SUD	EmX V3.1.5	5125	-	Software
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	0	24-Mar-2023
EMI Test Receiver	Rohde & Schwarz	ESW44	5527	12	28-Apr-2023
Thermo-Hygro-Barometer	PCE Instruments	PCE-THB 40	5604	12	22-Sep-2022
EMI Test Receiver	Rohde & Schwarz	ESW44	5911	12	24-Feb-2023
Compact Antenna Mast	Maturo GmbH	CAM4.0-P	5959	-	TU
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 15	5963	36	28-Apr-2025
Compact Antenna Mast	Maturo GmbH	CAM4.0-P	5964	-	TU
Mast & Turntable Controller	Maturo GmbH	FCU3.0	5966	-	TU
Tilt Antenna Mast	Maturo GmbH	BAM4.5-P	5967	-	TU
Turntable	Maturo GmbH	TT1.5SI	5968	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5996	12	06-Jun-2023
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6007	12	06-Jun-2023
Cable (SMA to SMA 6.5m)	Junkosha	MWX221-06500AMSAMS/B	6014	12	07-Jun-2023
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6140	12	21-Jun-2023
Humidity & Temperature meter	R.S Components	1364	6150	12	17-Jun-2023
SAC Switch Unit	TUV SUD	SSU003	6191	12	15-Jul-2023

Table 330

TU - Traceability Unscheduled

O/P Mon – Output Monitored using calibrated equipment



2.5 Unwanted Emissions within the 5925-7125 MHz band

2.5.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (b)
ISED RSS-248, Clause 4.7
ISED RSS-GEN, Clause 6.13

2.5.2 Equipment Under Test and Modification State

A2816, S/N: H12J4GXMVX - Modification State 0
A2816, S/N: L161VX092H - Modification State 0

2.5.3 Date of Test

14-November-2022 to 04-December-2022

2.5.4 Test Method

This test was performed in accordance with KDB 987594 D02, clause J.

2.5.5 Environmental Conditions

Ambient Temperature	22.0 - 23.4 °C
Relative Humidity	24.8 - 46.5 %



2.5.6 Test Results

6 GHz WLAN

SISO

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a	3.81	6650.800
802.11ax HE20 SU	2.77	7146.600
802.11ax HE40 SU	6.43	6336.540
802.11ax HE80 SU	6.44	5845.980
802.11ax HE160 SU	1.81	6346.000

Table 331 - Unwanted Emissions Within the RLAN Band Summary Results

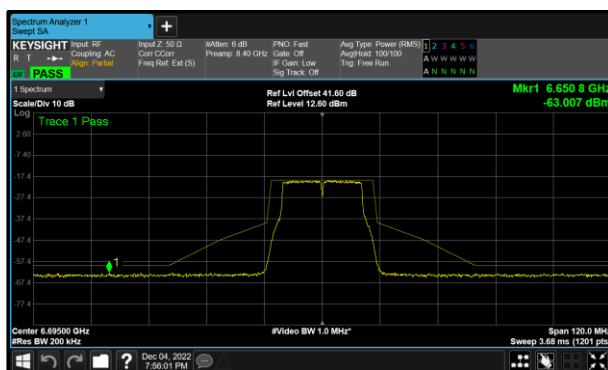


Figure 78 - B (Core 1) 802.11a 6695 MHz (CH149)

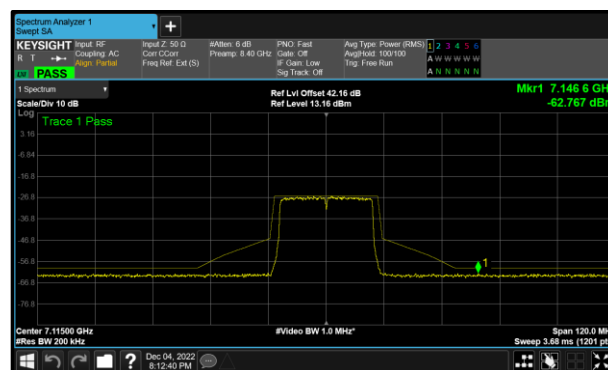


Figure 79 - B (Core 1) 802.11ax HE20 SU
7115 MHz (CH233)

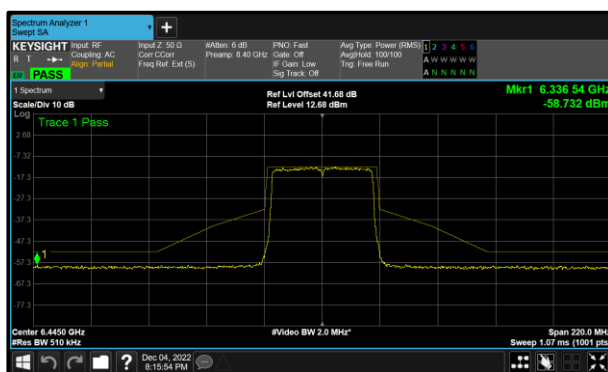


Figure 80 - B (Core 1) 802.11ax HE40 SU
6445 MHz (CH99)

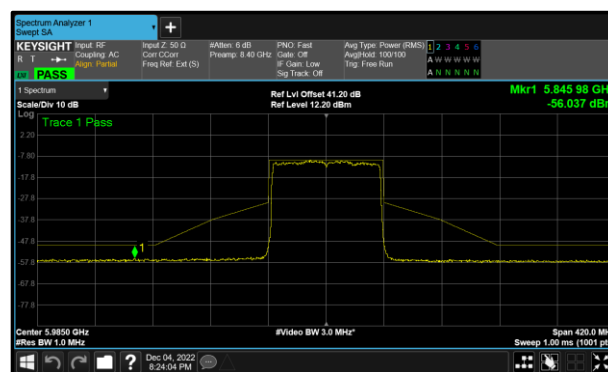


Figure 81 - B (Core 1) 802.11ax HE80 SU
5985 MHz (CH7)

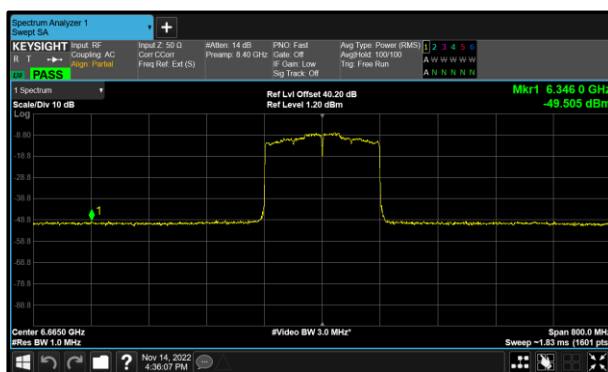


Figure 82 - B (Core 1) 802.11ax HE160 SU
6665 MHz (CH143)

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106	6.39	6467.700
802.11ax HE20 RU26	6.53	6907.400
802.11ax HE20 RU52	6.44	5918.300

Table 332 - Unwanted Emissions Within the RLAN Band Summary Results

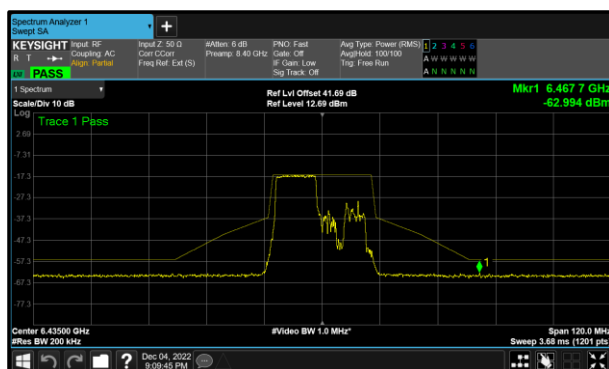


Figure 83 - B (Core 1) 802.11ax HE20 RU106
6435 MHz (CH97)

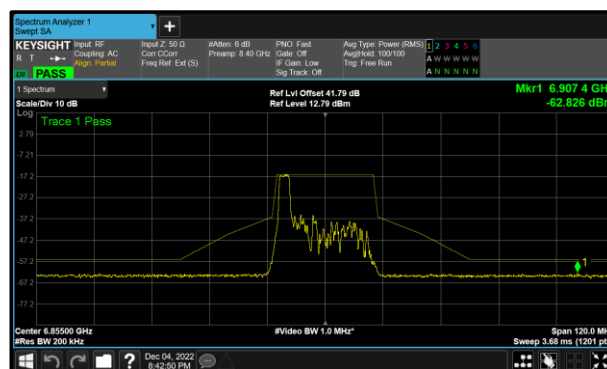


Figure 84 - B (Core 1) 802.11ax HE20 RU26
6855 MHz (CH181)

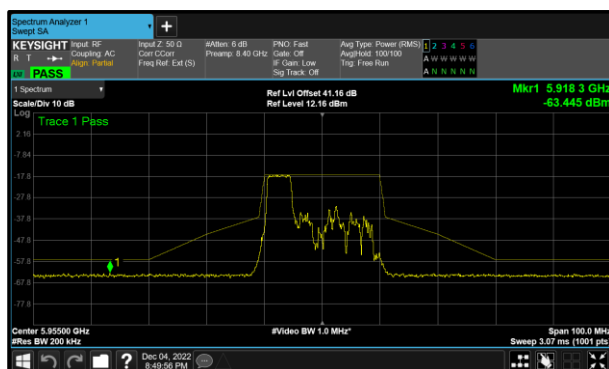


Figure 85 - B (Core 1) 802.11ax HE20 RU52
5955 MHz (CH1)



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	-	5.30	-	-
6175	-	9.00	-	-
6415	-	5.00	-	-
6435	-	5.07	-	-
6475	-	4.94	-	-
6515	-	5.41	-	-
6535	-	5.17	-	-
6695	-	3.81	-	-
6855	-	4.75	-	-
6875	-	4.91	-	-
6895	-	8.39	-	-
6995	-	8.47	-	-
7115	-	7.16	-	-

Table 333 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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 Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	-	5.68	-	-
6175	-	8.86	-	-
6415	-	7.96	-	-
6435	-	5.10	-	-
6475	-	5.26	-	-
6515	-	7.87	-	-
6535	-	8.24	-	-
6695	-	7.89	-	-
6855	-	7.81	-	-
6875	-	7.77	-	-
6895	-	8.62	-	-
6995	-	8.55	-	-
7115	-	2.77	-	-

Table 334 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	-	6.74	-	-
6165	-	8.57	-	-
6405	-	7.04	-	-
6445	-	6.43	-	-
6485	-	7.26	-	-
6525	-	7.33	-	-
6565	-	7.10	-	-
6685	-	7.26	-	-
6845	-	6.82	-	-
6885	-	6.52	-	-
6925	-	8.34	-	-
7005	-	8.52	-	-
7085	-	7.81	-	-

Table 335 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	-	6.44	-	-
6145	-	8.27	-	-
6385	-	7.10	-	-
6465	-	6.47	-	-
6545	-	6.86	-	-
6625	-	6.93	-	-
6705	-	7.16	-	-
6785	-	7.08	-	-
6865	-	6.66	-	-
6945	-	8.00	-	-
7025	-	7.81	-	-

Table 336 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE160 SU	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	B (Core 1)	Active Chain Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	-	2.23	-	-
6185	-	2.73	-	-
6345	-	2.07	-	-
6505	-	2.12	-	-
6665	-	1.81	-	-
6825	-	4.23	-	-
6985	-	4.35	-	-

Table 337 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU26.0)	-	6.65	-	-
6175 (RU26.0)	-	8.76	-	-
6415 (RU26.8)	-	6.65	-	-
6435 (RU26.0)	-	6.71	-	-
6475 (RU26.0)	-	7.11	-	-
6515 (RU26.8)	-	7.14	-	-
6535 (RU26.0)	-	7.22	-	-
6695 (RU26.0)	-	7.25	-	-
6855 (RU26.0)	-	6.53	-	-
6875 (RU26.0)	-	6.80	-	-
6875 (RU26.8)	-	6.79	-	-
6895 (RU26.0)	-	8.16	-	-
6995 (RU26.0)	-	7.64	-	-
7095 (RU26.0)	-	7.97	-	-

Table 338 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	-	6.44	-	-
6175 (RU52.37)	-	8.32	-	-
6415 (RU52.40)	-	7.12	-	-
6435 (RU52.37)	-	6.78	-	-
6475 (RU52.37)	-	6.94	-	-
6515 (RU52.40)	-	7.42	-	-
6535 (RU52.37)	-	7.45	-	-
6695 (RU52.37)	-	7.28	-	-
6855 (RU52.37)	-	7.07	-	-
6875 (RU52.37)	-	6.98	-	-
6875 (RU52.40)	-	7.20	-	-
6895 (RU52.37)	-	8.30	-	-
6995 (RU52.37)	-	7.98	-	-
7095 (RU52.37)	-	8.57	-	-

Table 339 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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

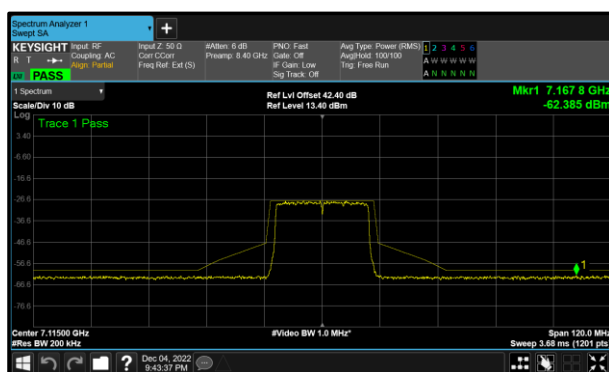
Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	-	6.97	-	-
6175 (RU106.53)	-	8.96	-	-
6415 (RU106.54)	-	7.28	-	-
6435 (RU106.53)	-	6.39	-	-
6475 (RU106.53)	-	7.32	-	-
6515 (RU106.54)	-	7.56	-	-
6535 (RU106.53)	-	7.66	-	-
6695 (RU106.53)	-	7.26	-	-
6855 (RU106.53)	-	7.39	-	-
6875 (RU106.53)	-	7.06	-	-
6875 (RU106.54)	-	7.02	-	-
6895 (RU106.53)	-	8.55	-	-
6995 (RU106.53)	-	8.33	-	-
7095 (RU106.53)	-	7.77	-	-

Table 340 - Unwanted Emissions Within the Band Results

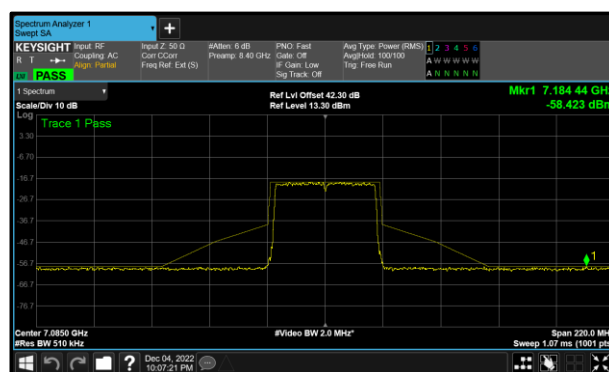
MIMO CDD

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 SU	2.38	7167.800
802.11ax HE40 SU	0.02	7184.440
802.11ax HE80 SU	2.22	6323.460
802.11ax HE160 SU	1.26	6260.000

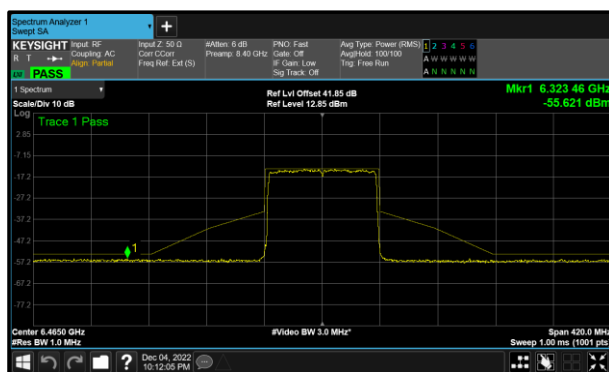
Table 341 - Unwanted Emissions Within the RLAN Band Summary Results



**Figure 86 - A (Core 0) 802.11ax HE20 SU
7115 MHz (CH233)**



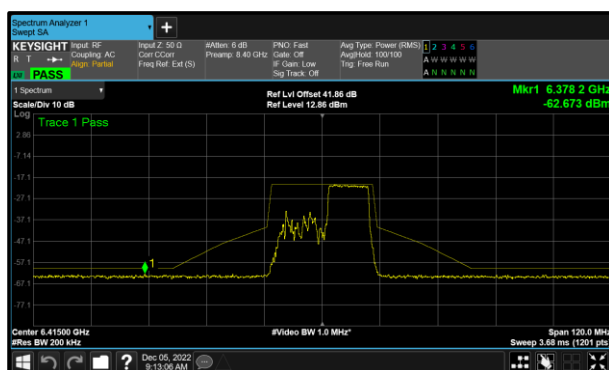
**Figure 87 - B (Core 1) 802.11ax HE40 SU
7085 MHz (CH227)**



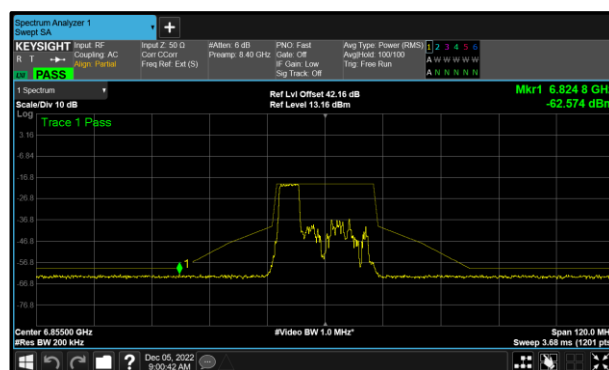
**Figure 88 - A (Core 0) 802.11ax HE80 SU
6465 MHz (CH103)**

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106	2.67	6378.200
802.11ax HE20 RU52	2.77	6824.800

Table 342 - Unwanted Emissions Within the RLAN Band Summary Results



**Figure 89 - A (Core 0) 802.11ax HE20 RU106
6415 MHz (CH93)**



**Figure 90 - A (Core 0) 802.11ax HE20 RU52
6855 MHz (CH181)**



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

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 Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	3.17	3.51	-	-
6175	3.67	4.44	-	-
6415	3.09	3.56	-	-
6435	3.04	3.16	-	-
6475	3.26	3.20	-	-
6515	3.23	3.53	-	-
6535	3.32	3.87	-	-
6695	3.44	3.64	-	-
6855	3.71	2.85	-	-
6875	3.75	2.94	-	-
6895	4.13	3.91	-	-
6995	4.29	3.91	-	-
7115	2.38	2.69	-	-

Table 343 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 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 Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	2.08	2.09	-	-
6165	5.07	5.20	-	-
6405	1.50	1.90	-	-
6445	1.42	1.67	-	-
6485	1.81	2.20	-	-
6525	2.08	2.17	-	-
6565	1.11	2.03	-	-
6685	1.30	1.93	-	-
6845	2.01	0.93	-	-
6885	1.98	2.04	-	-
6925	1.95	1.48	-	-
7005	2.25	0.72	-	-
7085	1.51	0.02	-	-

Table 344 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-7.125 GHz	Band:	U-NII-5, U-NII-6, U-NII-7, U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 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 Id(s):	0+1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	2.34	2.76	-	-
6145	4.05	4.60	-	-
6385	3.34	3.42	-	-
6465	2.22	2.66	-	-
6545	3.24	2.98	-	-
6625	3.38	3.42	-	-
6705	3.14	3.61	-	-
6785	3.12	3.50	-	-
6865	2.52	3.24	-	-
6945	3.56	3.76	-	-
7025	3.61	3.99	-	-

Table 345 - Unwanted Emissions Within the Band Results