



20 MHz Bandwidth - Core 0-1 (CDD)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE20	MCS11x1	SU	-	5955	5925	68.96	50.92
802.11ax HE20	MCS11x1	106	53	5955	5925	66.35	46.75
802.11ax HE20	MCS4x1	SU	-	7095	7125	68.39	51.41
802.11ax HE20	MCS11x1	106	54	7095	7125	68.31	48.40
802.11ax HE20	MCS11x1	SU	-	7115	7125	78.10	65.54

Table 329 - CDD Authorised Band Edge Results

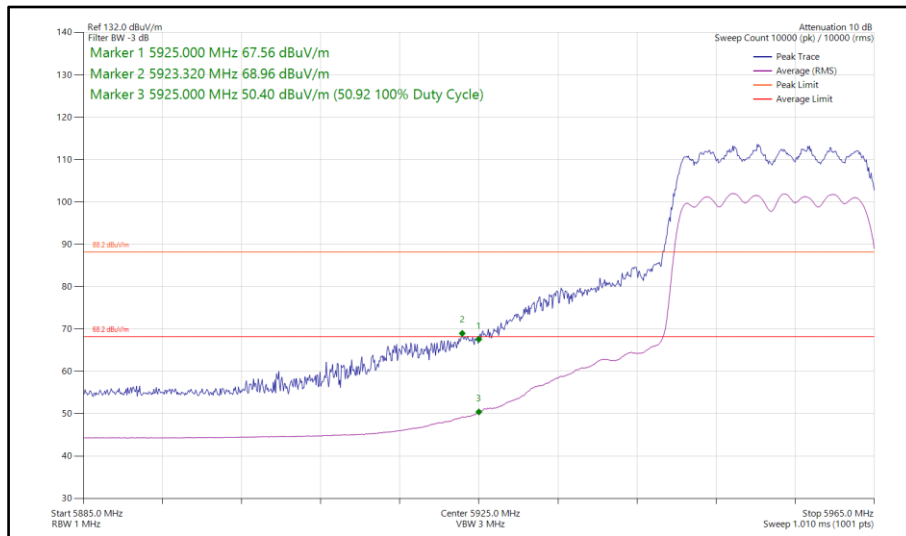
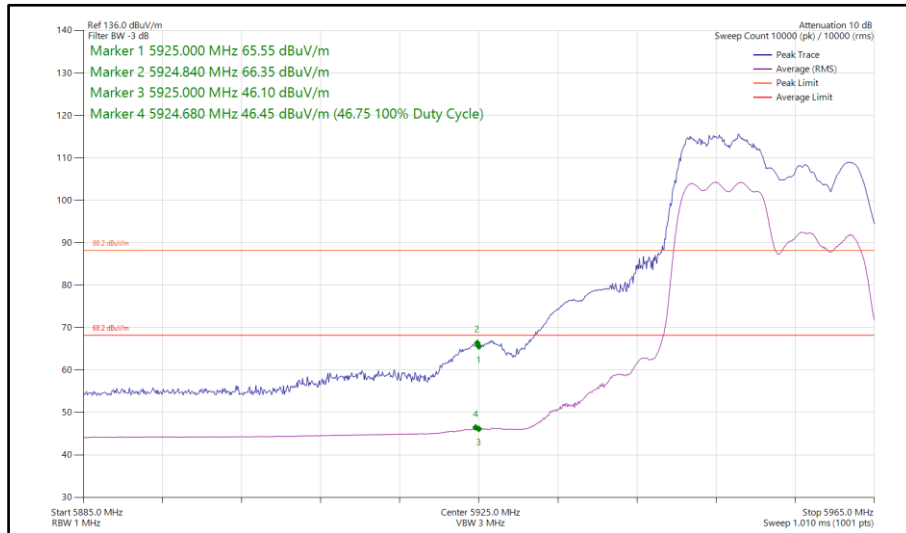
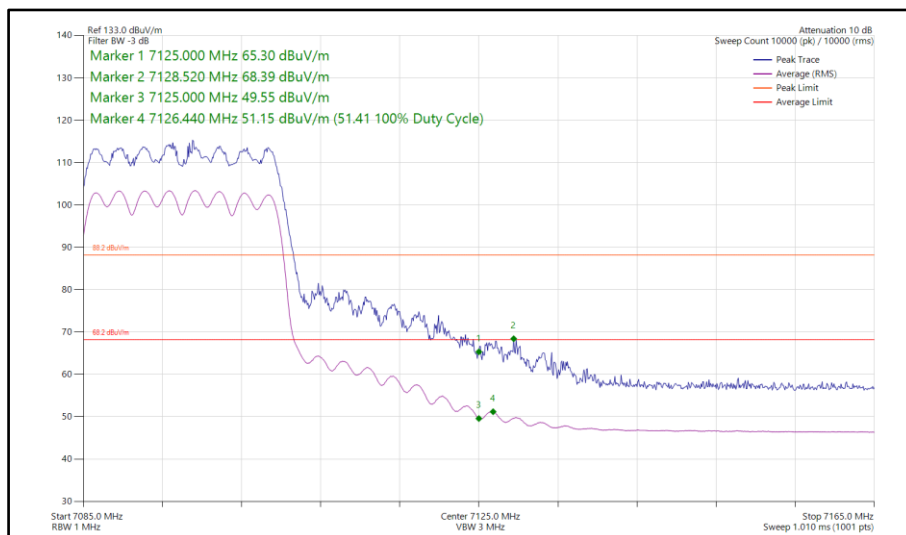


Figure 49 - 802.11ax, HE20, SU, CDD, Core 0-1 - 5955 MHz,
 Band Edge Frequency 5925 MHz



**Figure 50 - 802.11ax, HE20, RU 106-53, CDD, Core 0-1 - 5955 MHz,
Band Edge Frequency 5925 MHz**



**Figure 51 - 802.11ax, HE20, SU, CDD, Core 0-1 - 7095 MHz,
Band Edge Frequency 7125 MHz**

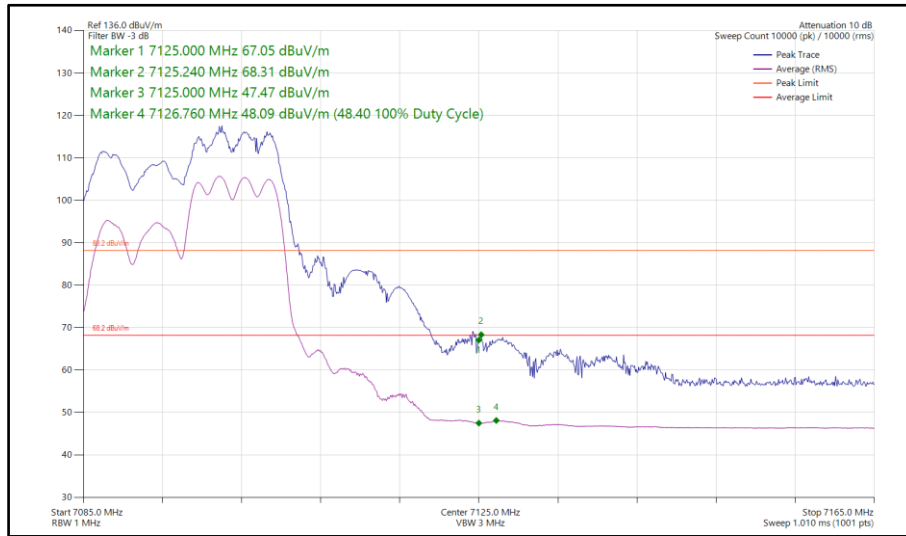


Figure 52 - 802.11ax, HE20, RU 106-54, CDD, Core 0-1 - 7095 MHz, Band Edge Frequency 7125 MHz

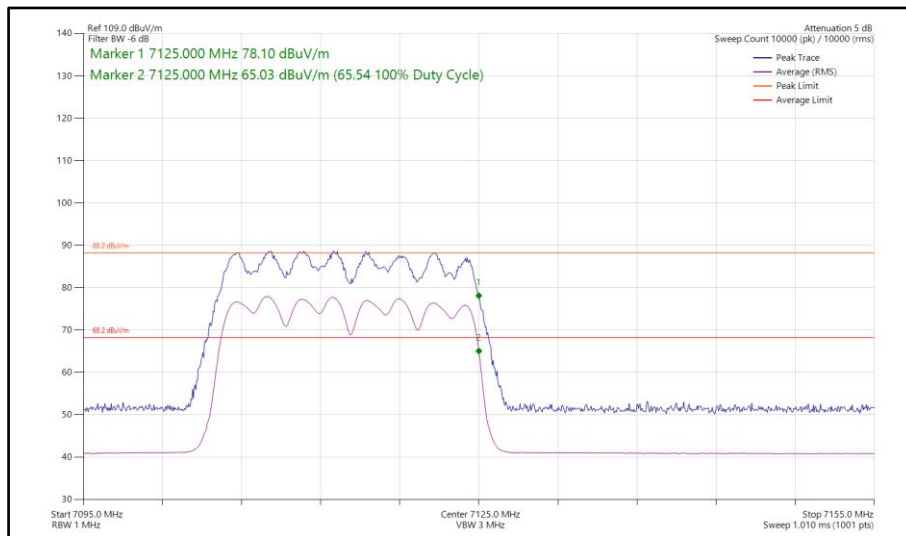


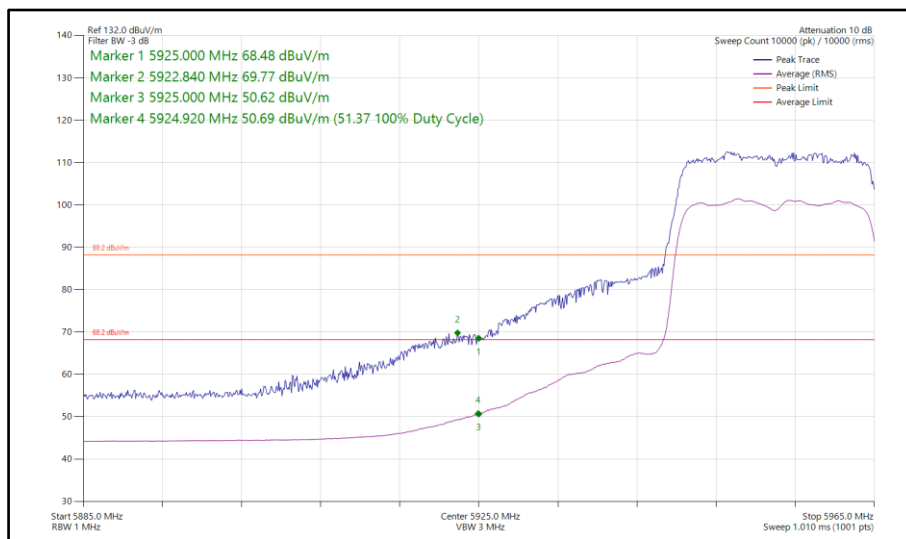
Figure 53 - 802.11ax, HE20, SU, CDD, Core 0-1 - 7115 MHz, Band Edge Frequency 7125 MHz



20 MHz Bandwidth - Core 0-1 (SDM)

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 HE20	MCS11x2	SU	-	5955	5925	69.77	51.37
802.11ax HE20	MCS11x2	106	54	5955	5925	70.41	47.39
802.11ax HE20	MCS11x2	SU	-	7095	7125	68.39	50.94
802.11ax HE20	MCS11x2	106	53	7095	7125	69.62	48.77
802.11ax HE20	MCS2x2	SU	-	7115	7125	77.20	65.54

Table 330 - SDM Authorised Band Edge Results



**Figure 54 - 802.11ax, HE20, SU, SDM, Core 0-1 - 5955 MHz,
 Band Edge Frequency 5925 MHz**

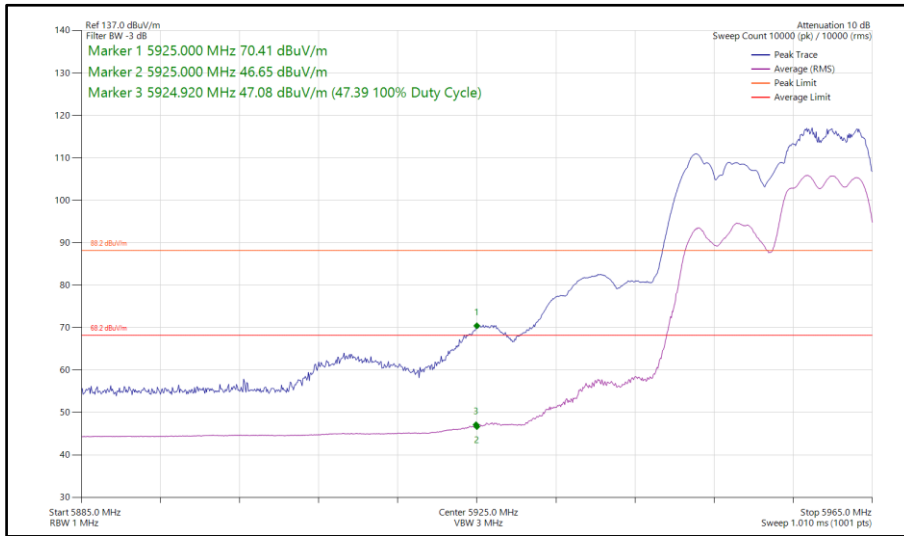


Figure 55 - 802.11ax, HE20, RU 106-54, SDM, Core 0-1 - 5955 MHz, Band Edge Frequency 5925 MHz

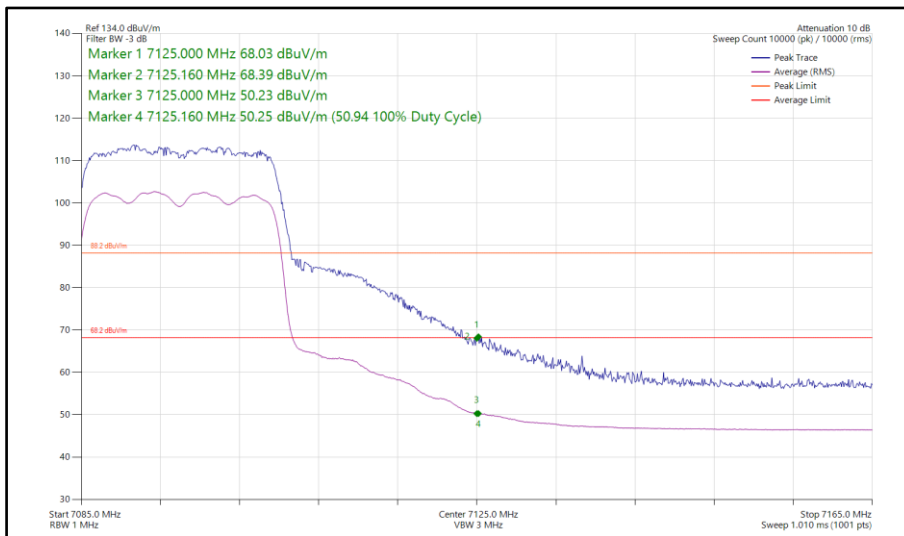


Figure 56 - 802.11ax, HE20, SU, SDM, Core 0-1 - 7095 MHz, Band Edge Frequency 7125 MHz

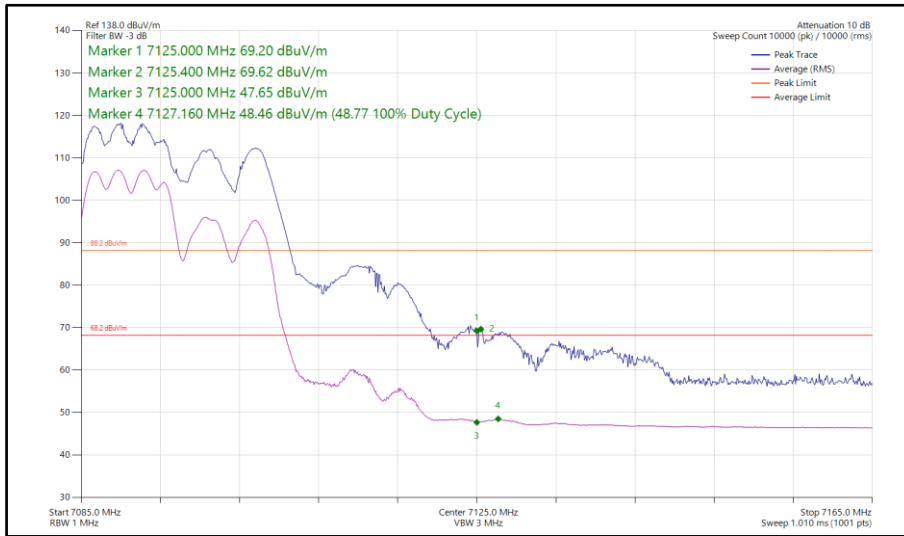


Figure 57 - 802.11ax, HE20, RU 106-53, SDM, Core 0-1 - 7095 MHz, Band Edge Frequency 7125 MHz

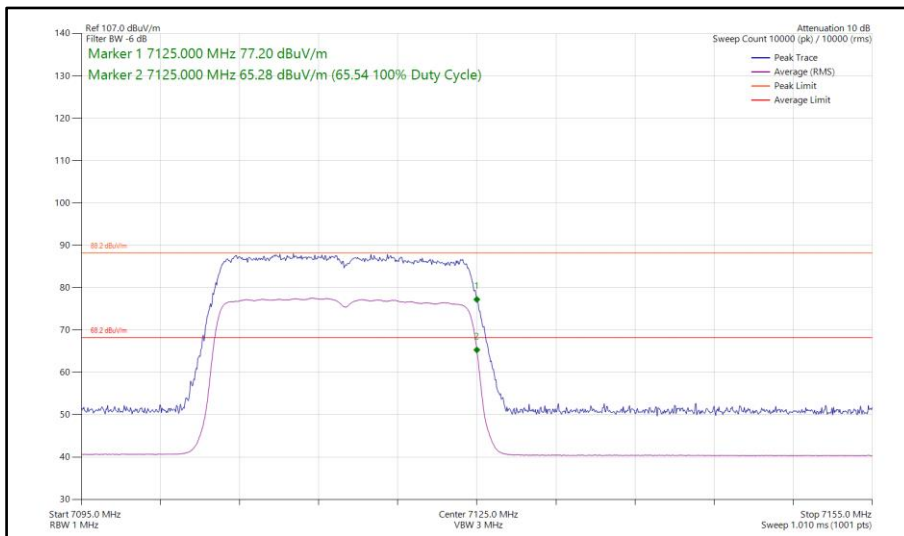


Figure 58 - 802.11ax, HE20, SU, SDM, Core 0-1 - 7115 MHz, Band Edge Frequency 7125 MHz



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)
802.11ax HE20	MCS11x1	SU	-	5955	5925	55.69	44.08

Table 331 - TxBF Authorised Band Edge Results

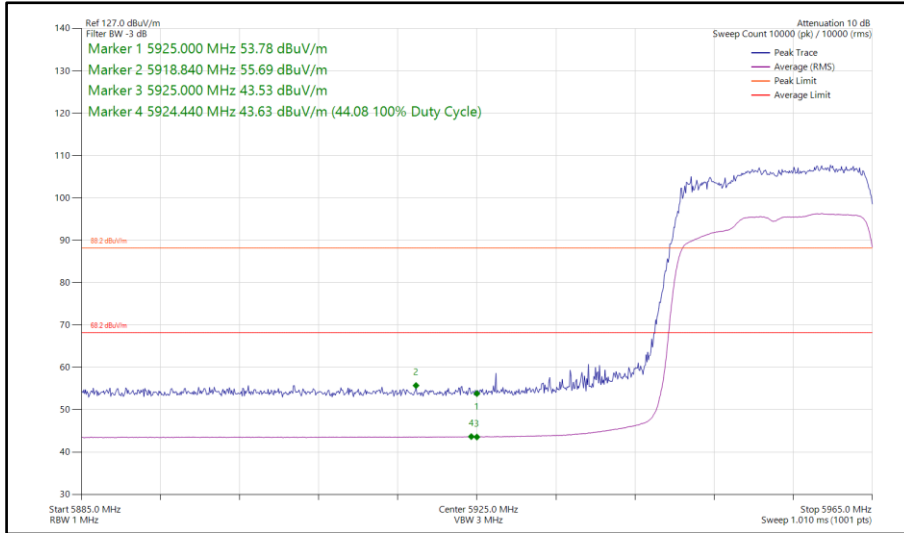


Figure 59 - 802.11ax, HE20, SU, TxBF, Core 0-1 - 5955 MHz, Band Edge Frequency 5925 MHz



40 MHz Bandwidth - Core 0 (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	MCS4x1	SU	-	5965	5925	74.58	58.47
802.11ax HE40	MCS11x1	52	37	5965	5925	69.94	46.56
802.11ax HE40	MCS11x1	SU	-	7085	7125	71.58	54.02
802.11ax HE40	MCS11x1	52	44	7085	7125	70.84	47.76

Table 332 - SISO Authorised Band Edge Results

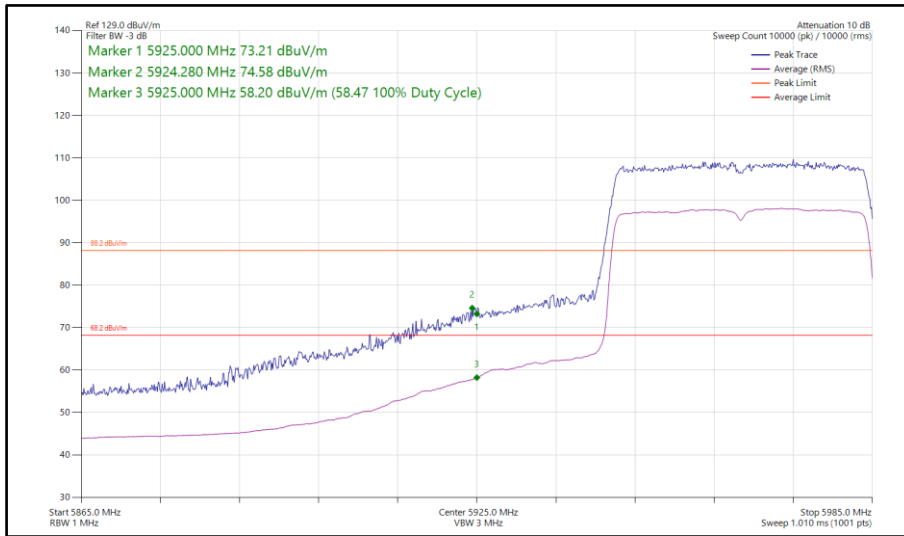


Figure 60 - 802.11ax, HE40, SU, SISO, Core 0 - 5965 MHz, Band Edge Frequency 5925 MHz

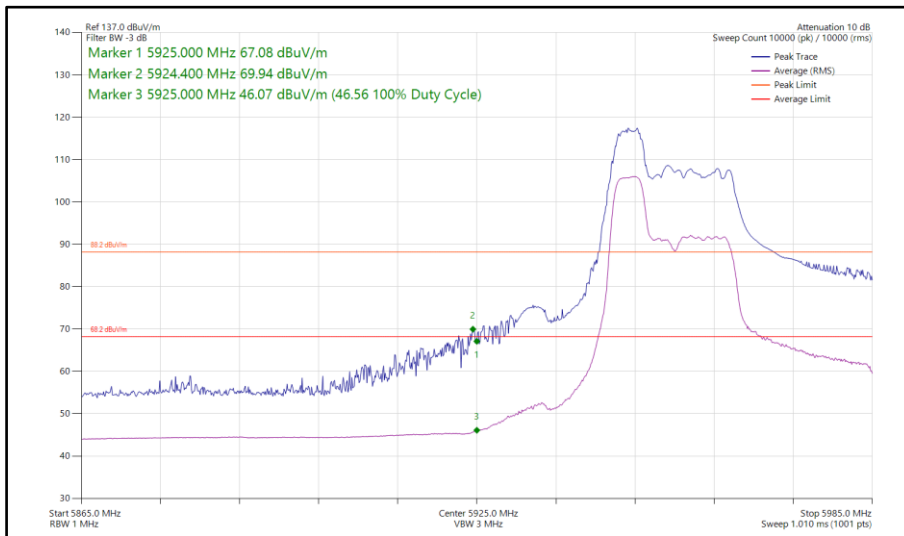


Figure 61 - 802.11ax, HE40, RU 52-37, SISO, Core 0 - 5965 MHz, Band Edge Frequency 5925 MHz

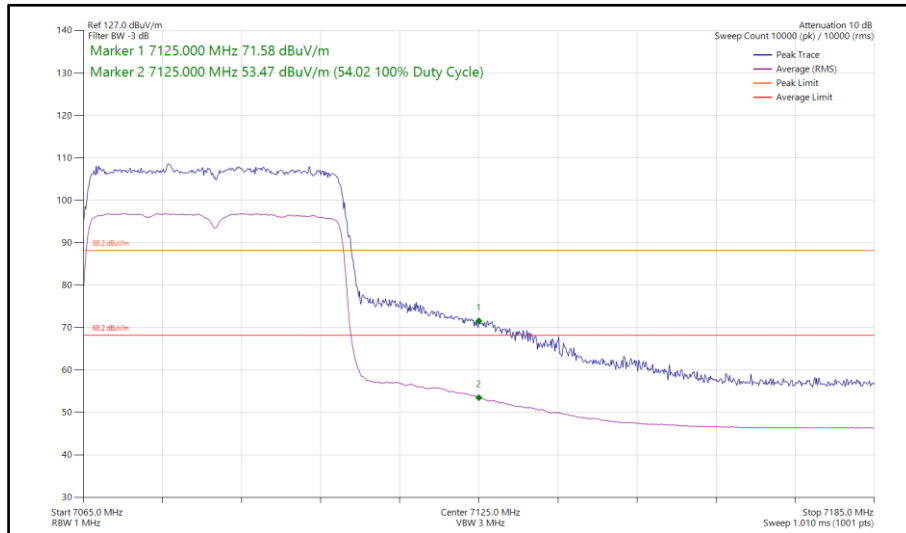


Figure 62 - 802.11ax, HE40, SU, SISO, Core 0 - 7085 MHz, Band Edge Frequency 7125 MHz

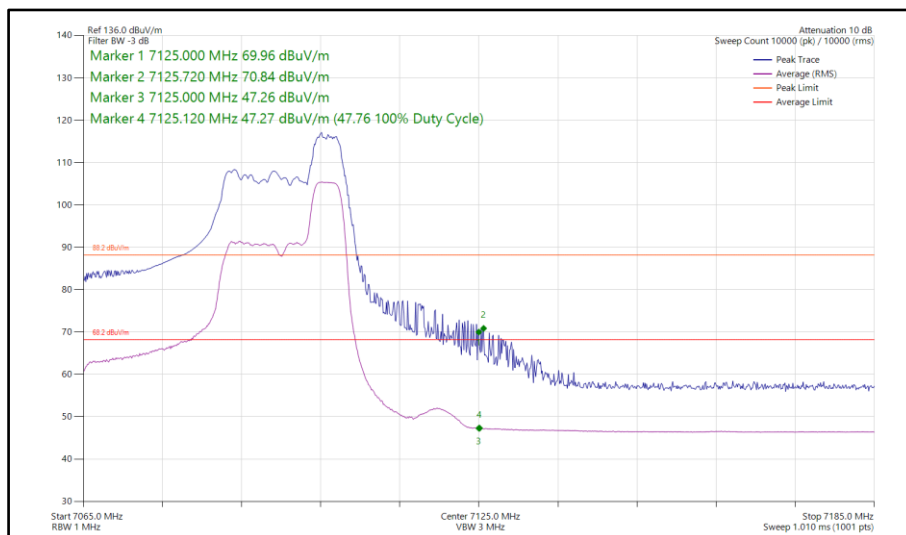


Figure 63 - 802.11ax, HE40, RU 52-44, SISO, Core 0 - 7085 MHz, Band Edge Frequency 7125 MHz



40 MHz Bandwidth - Core 1 (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	MCS4x1	SU	-	5965	5925	71.40	52.54
802.11ax HE40	MCS11x1	26	0	5965	5925	69.82	45.55
802.11ax HE40	MCS11x1	SU	-	7085	7125	73.70	55.39
802.11ax HE40	MCS11x1	26	17	7085	7125	71.05	47.60

Table 333 - SISO Authorised Band Edge Results

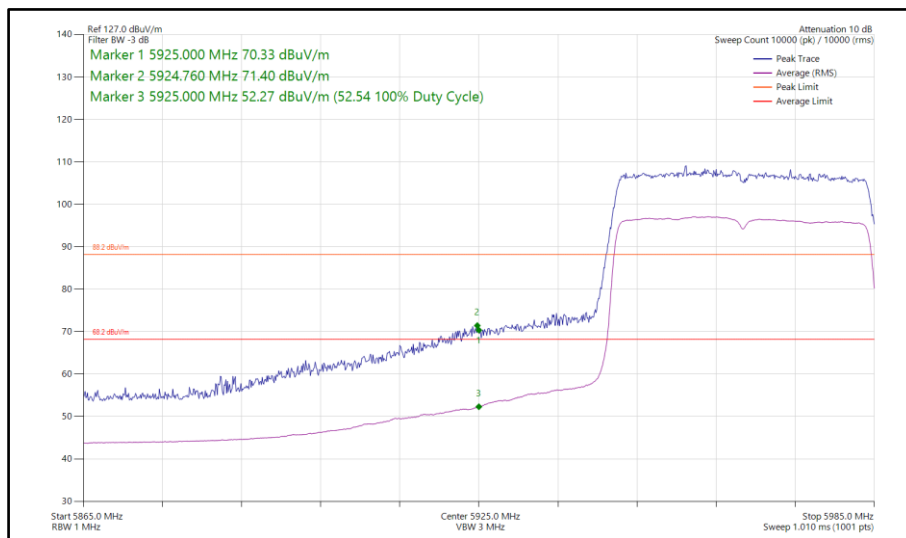


Figure 64 - 802.11ax, HE40, SU, SISO, Core 1 - 5965 MHz, Band Edge Frequency 5925 MHz

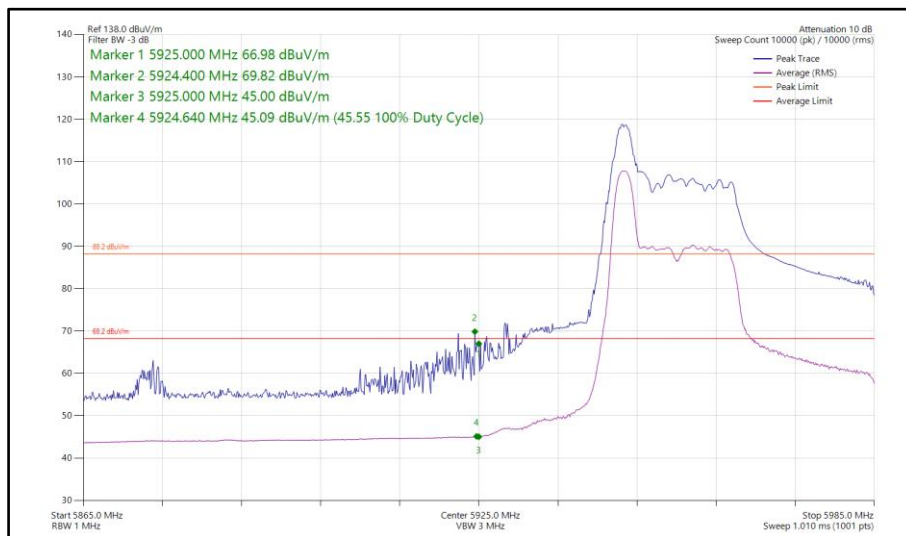


Figure 65 - 802.11ax, HE40, RU 26-0, SISO, Core 1 - 5965 MHz, Band Edge Frequency 5925 MHz

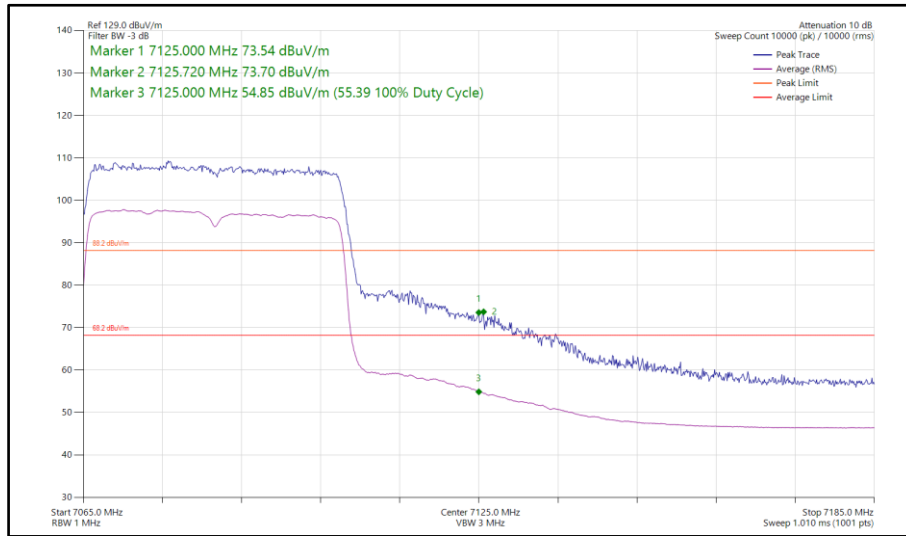


Figure 66 - 802.11ax, HE40, SU, SISO, Core 1 - 7085 MHz, Band Edge Frequency 7125 MHz

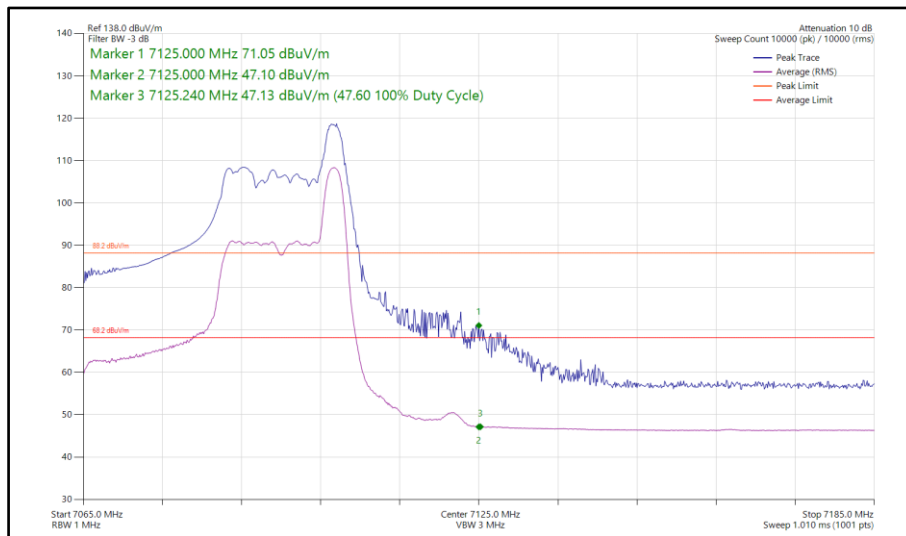


Figure 67 - 802.11ax, HE40, RU 26-17, SISO, Core 1 - 7085 MHz, Band Edge Frequency 7125 MHz



40 MHz Bandwidth - Core 0-1 (CDD)

Mode	Data Rate/MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE40	MCS4x1	SU	-	5965	5925	75.74	59.64
802.11ax HE40	MCS11x1	26	0	5965	5925	69.85	46.39
802.11ax HE40	MCS4x1	SU	-	7085	7125	73.78	56.78
802.11ax HE40	MCS11x1	106	56	7085	7125	65.76	47.73

Table 334 - CDD Authorised Band Edge Results

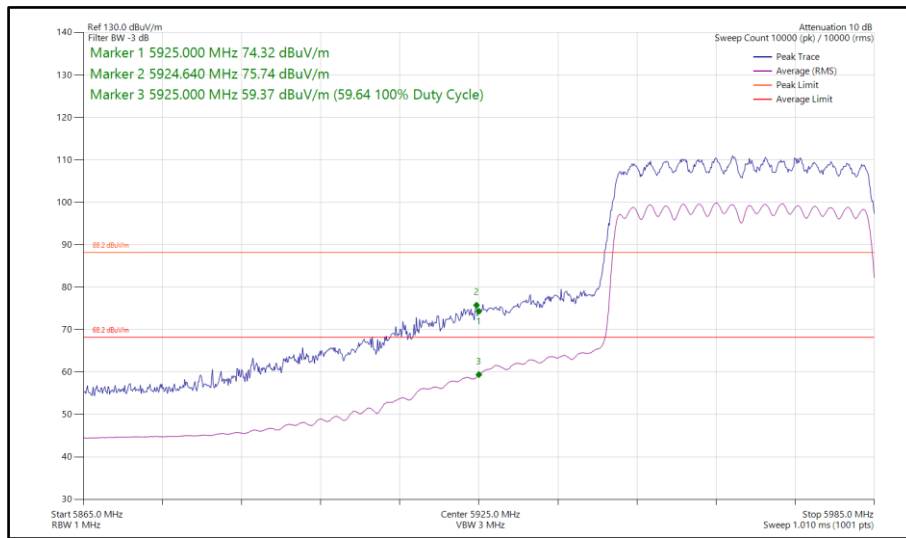


Figure 68 - 802.11ax, HE40, SU, CDD, Core 0-1 - 5965 MHz, Band Edge Frequency 5925 MHz

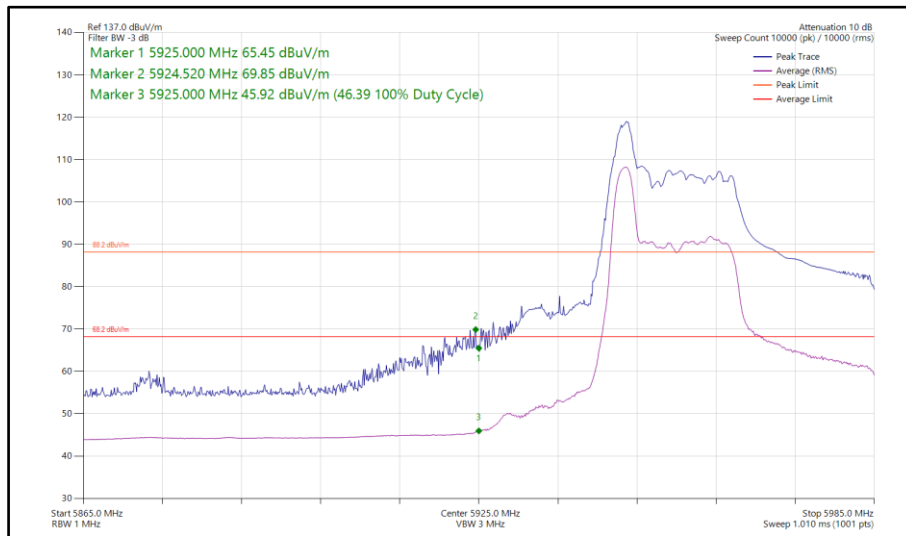
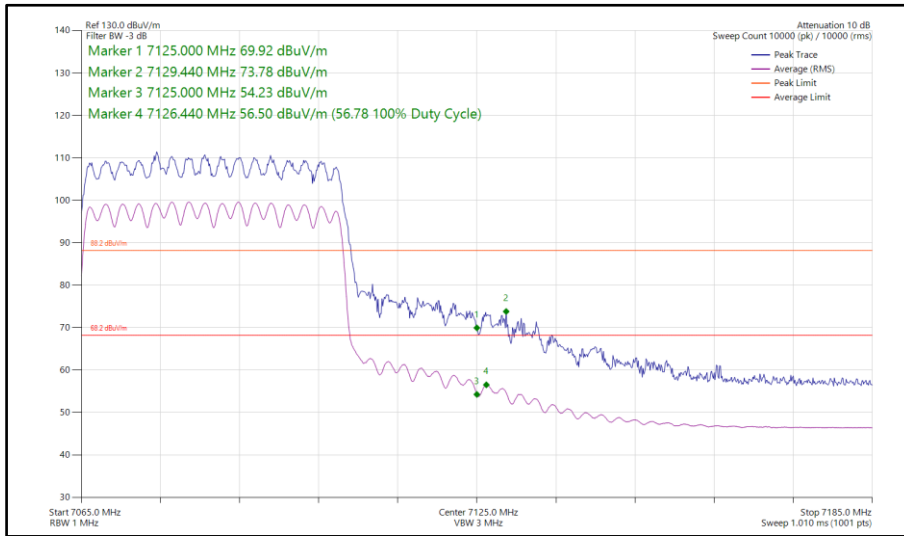
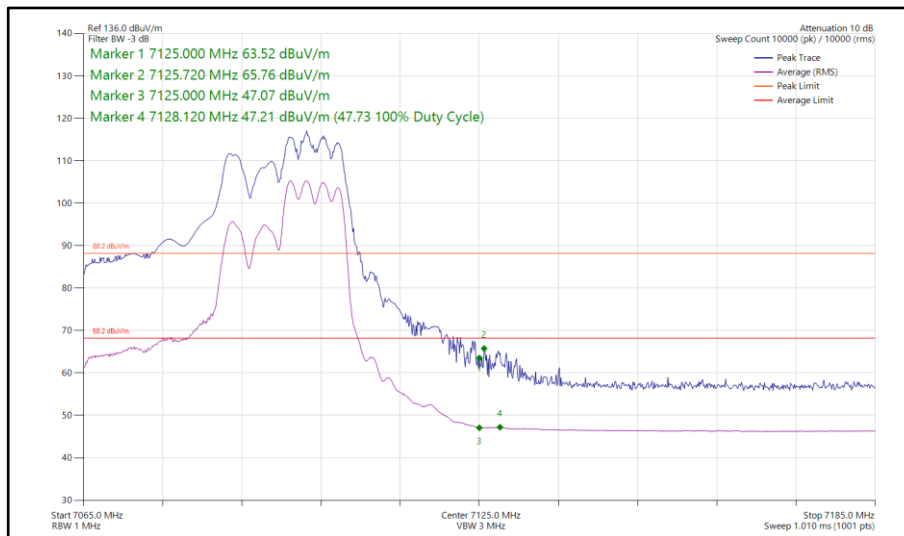


Figure 69 - 802.11ax, HE40, RU 26-0, CDD, Core 0-1 - 5965 MHz, Band Edge Frequency 5925 MHz



**Figure 70 - 802.11ax, HE40, SU, CDD, Core 0-1 - 7085 MHz,
Band Edge Frequency 7125 MHz**



**Figure 71 - 802.11ax, HE40, RU 106-56, CDD, Core 0-1 - 7085 MHz,
Band Edge Frequency 7125 MHz**



40 MHz Bandwidth - Core 0-1 (SDM)

Mode	Data Rate/MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)
802.11ax HE40	MCS11x2	SU	-	5965	5925	75.04	59.05
802.11ax HE40	MCS11x2	52	37	5965	5925	70.81	46.57
802.11ax HE40	MCS4x2	SU	-	7085	7125	73.07	56.04
802.11ax HE40	MCS11x2	26	17	7085	7125	72.47	47.88

Table 335 - SDM Authorised Band Edge Results

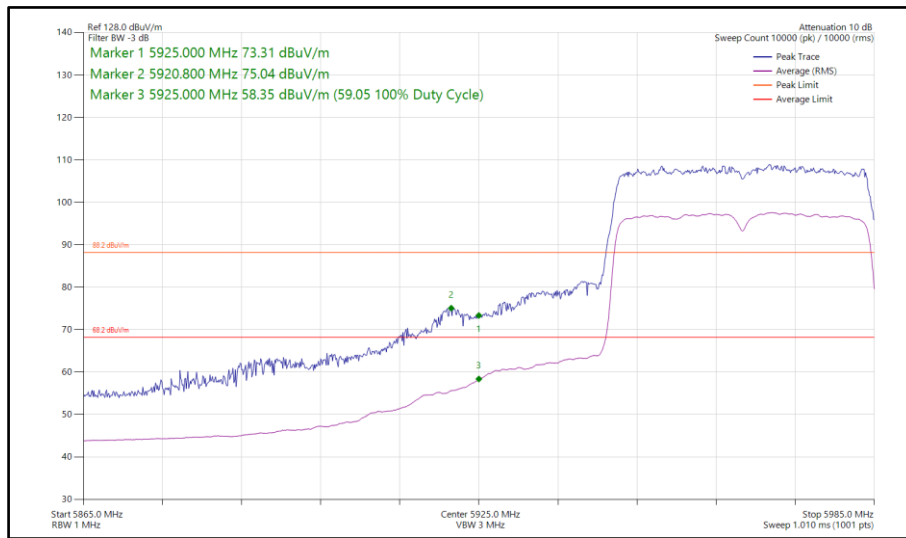


Figure 72 - 802.11ax, HE40, SU, SDM, Core 0-1 - 5965 MHz, Band Edge Frequency 5925 MHz

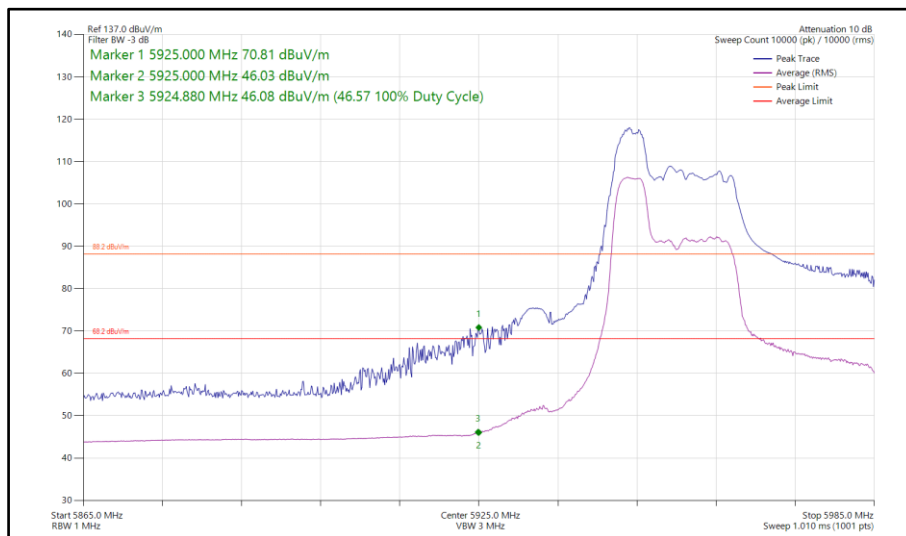
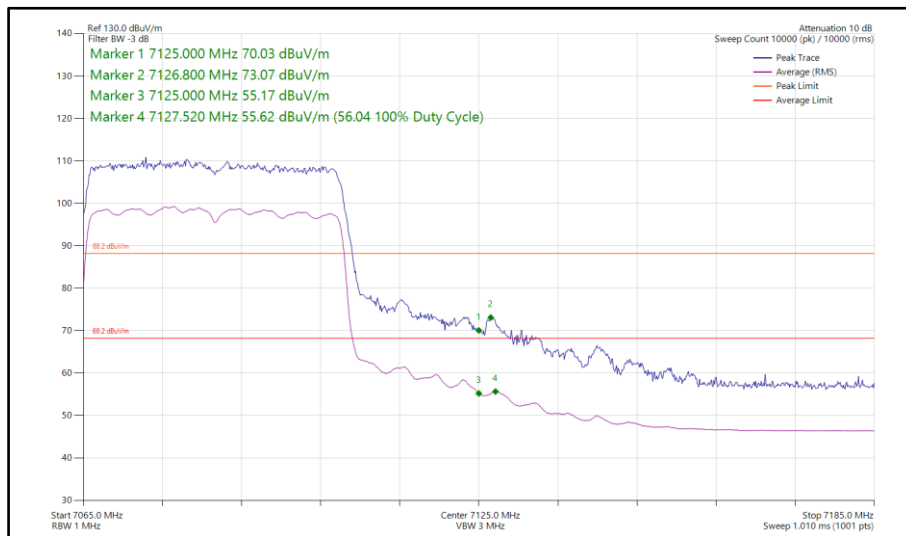
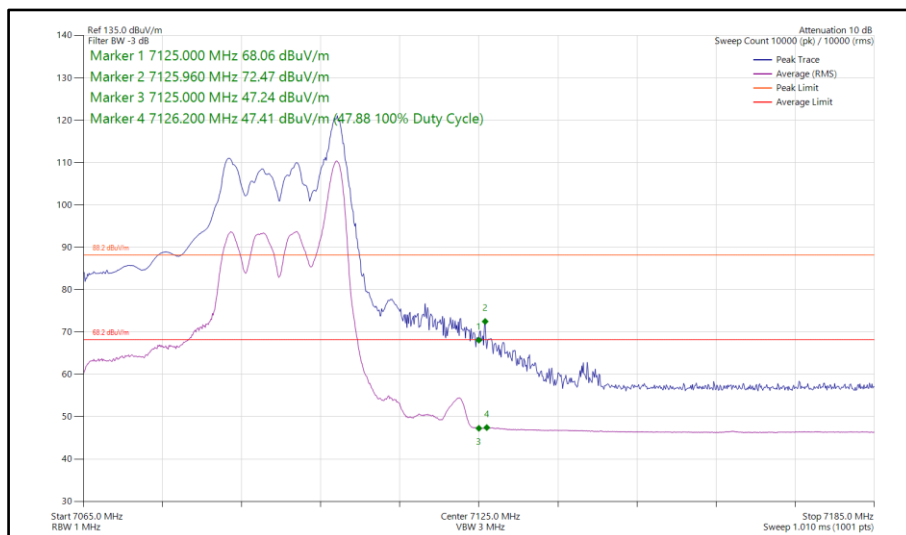


Figure 73 - 802.11ax, HE40, RU 52-37, SDM, Core 0-1 - 5965 MHz, Band Edge Frequency 5925 MHz



**Figure 74 - 802.11ax, HE40, SU, SDM, Core 0-1 - 7085 MHz,
Band Edge Frequency 7125 MHz**



**Figure 75 - 802.11ax, HE40, RU 26-17, SDM, Core 0-1 - 7085 MHz,
Band Edge Frequency 7125 MHz**



40 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)
802.11ax HE40	MCS11x1	SU	-	5965	5925	68.33	48.76
802.11ax HE40	MCS11x1	SU	-	7085	7125	68.36	50.22

Table 336 - TxBF Authorised Band Edge Results

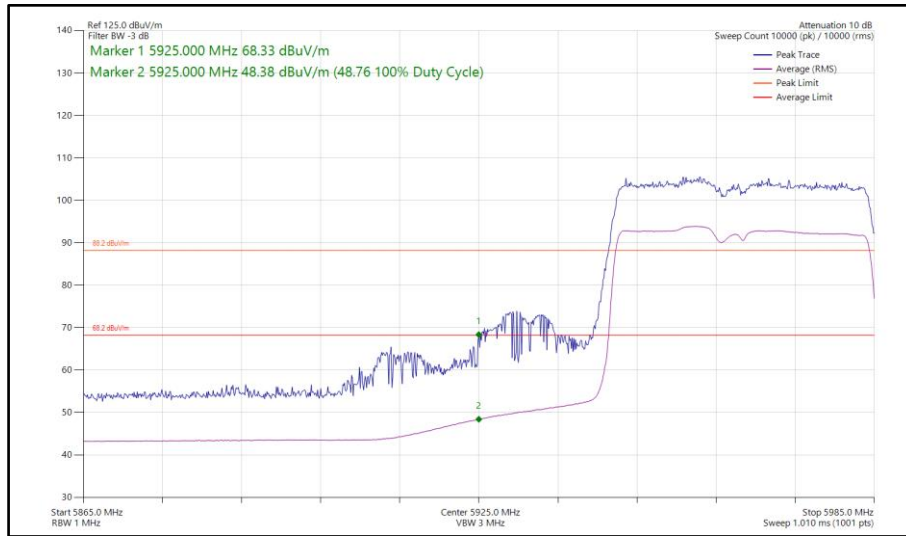


Figure 76 - 802.11ax, HE40, SU, TxBF, Core 0-1 - 5965 MHz, Band Edge Frequency 5925 MHz

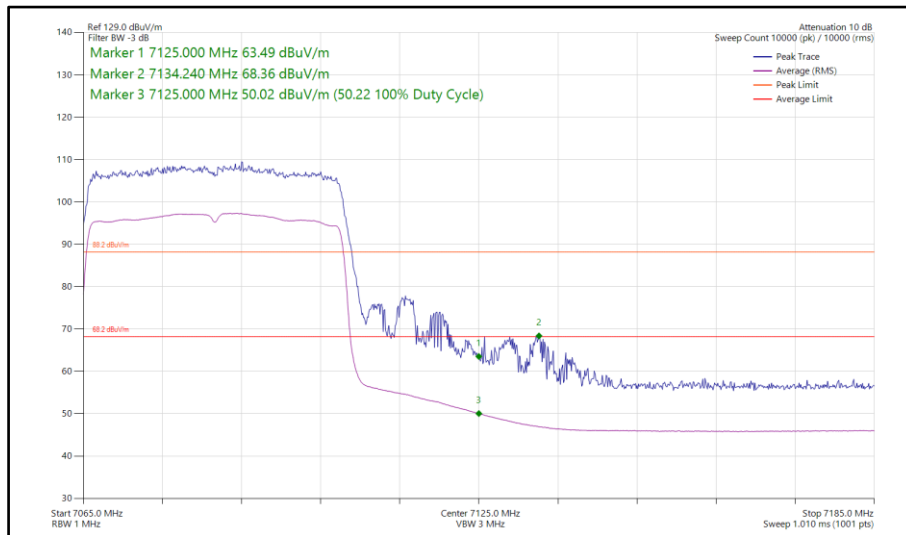


Figure 77 - 802.11ax, HE40, SU, TxBF, Core 0-1 - 7085 MHz, Band Edge Frequency 7125 MHz



80 MHz Bandwidth - Core 0 (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	MCS11x1	SU	-	5985	5925	74.04	60.15
802.11ax HE80	MCS11x1	52	37	5985	5925	73.10	49.91
802.11ax HE80	MCS11x1	SU	-	7025	7125	62.61	48.90
802.11ax HE80	MCS11x1	52	37	7025	7125	64.40	49.55

Table 337 - SISO Authorised Band Edge Results

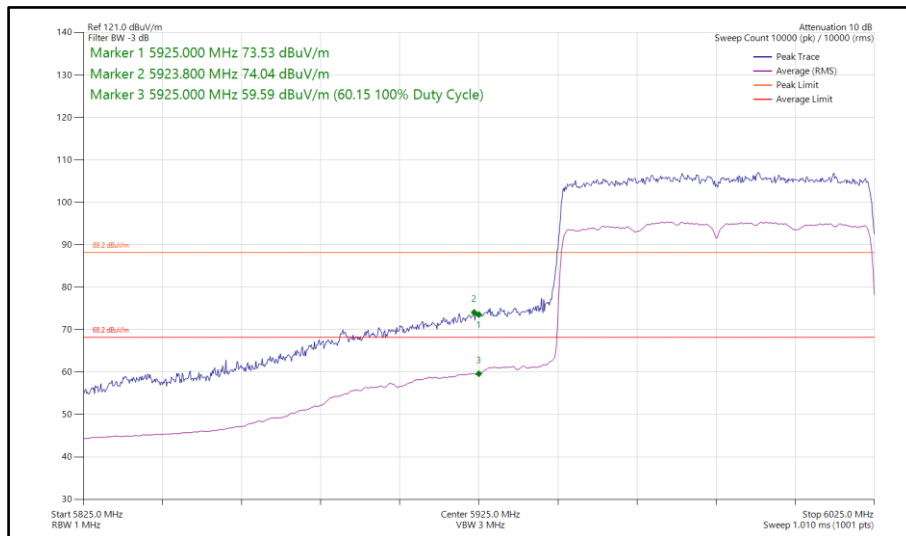


Figure 78 - 802.11ax, HE80, SU, SISO, Core 0 - 5985 MHz, Band Edge Frequency 5925 MHz

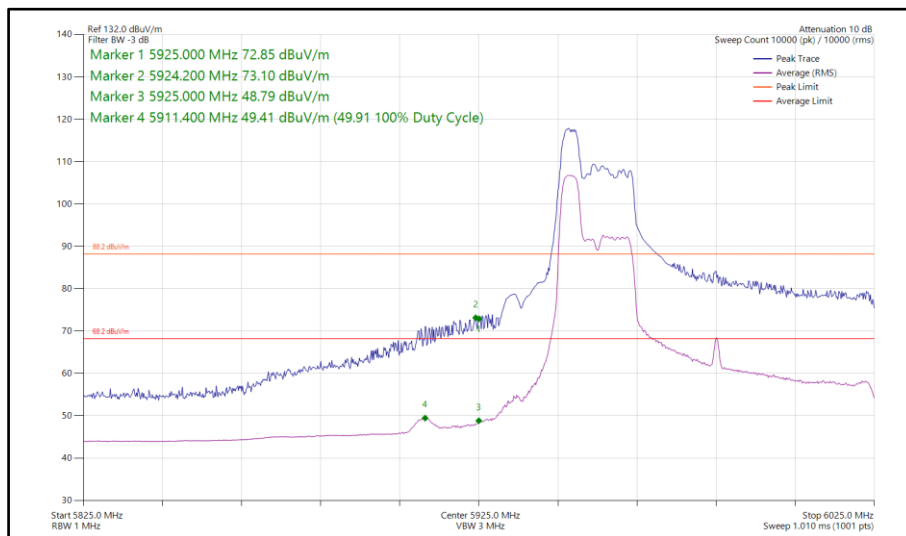
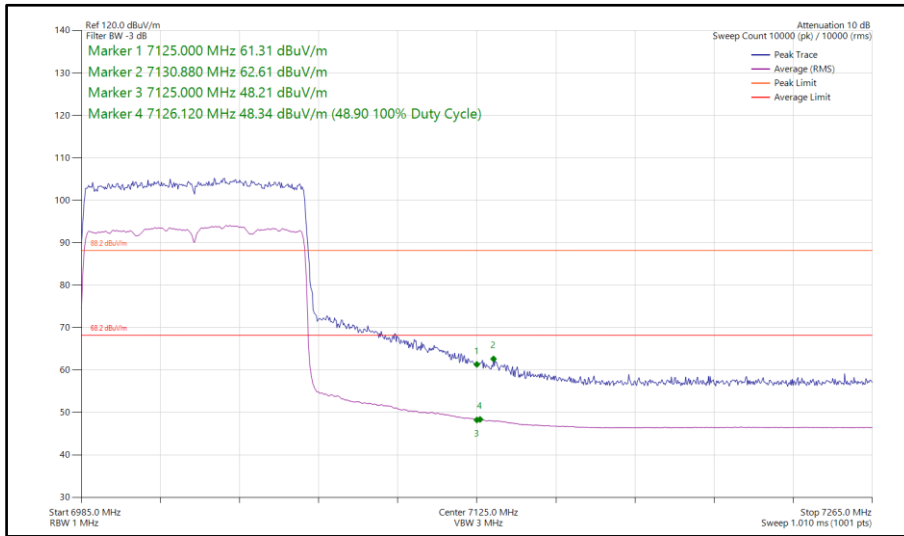
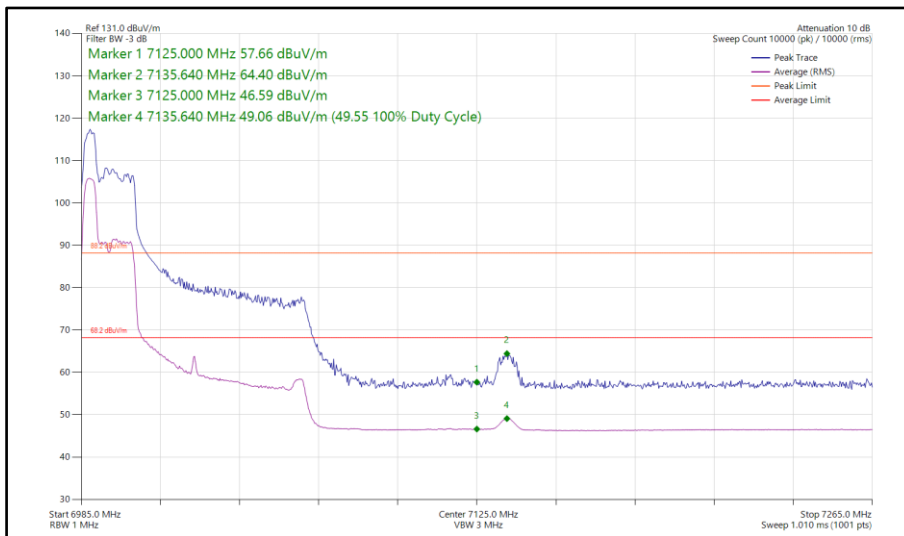


Figure 79 - 802.11ax HE80, RU 52-37, SISO, Core 0 - 5985 MHz, Band Edge Frequency 5925 MHz



**Figure 80 - 802.11ax, HE80, SU, SISO, Core 0 - 7025 MHz,
Band Edge Frequency 7125 MHz**



**Figure 81 - 802.11ax, HE80, RU 52-37, SISO, Core 0 - 7025 MHz,
Band Edge Frequency 7125 MHz**



80 MHz Bandwidth - Core 1 (SISO)

Mode	Data Rate/MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBuV/m)	Average Level (dBuV/m)
802.11ax HE80	MCS11x1	SU	-	5985	5925	72.28	55.47
802.11ax HE80	MCS11x1	26	0	5985	5925	74.13	49.26
802.11ax HE80	MCS11x1	SU	-	7025	7125	64.75	49.61
802.11ax HE80	MCS11x1	26	0	7025	7125	69.92	51.70

Table 338 - SISO Authorised Band Edge Results

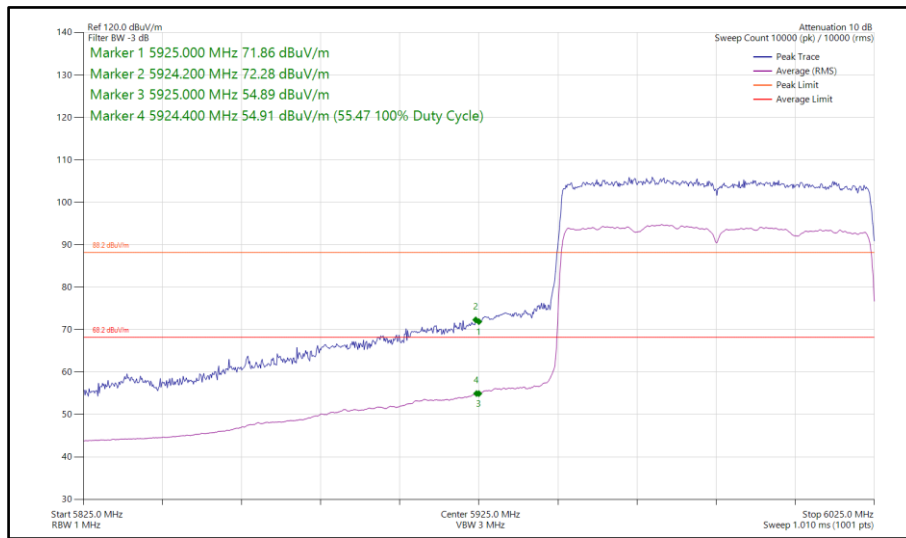


Figure 82 - 802.11ax, HE80, SU, SISO, Core 1 - 5985 MHz, Band Edge Frequency 5925 MHz

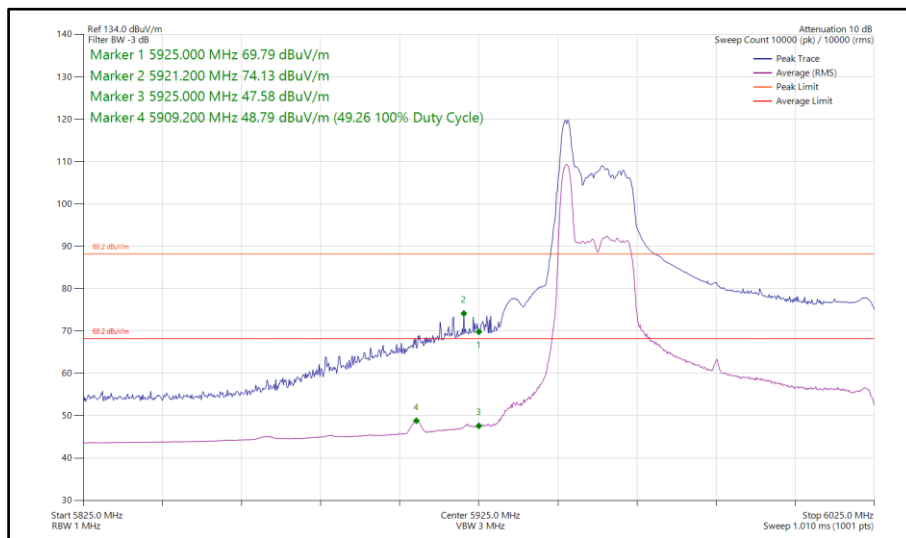
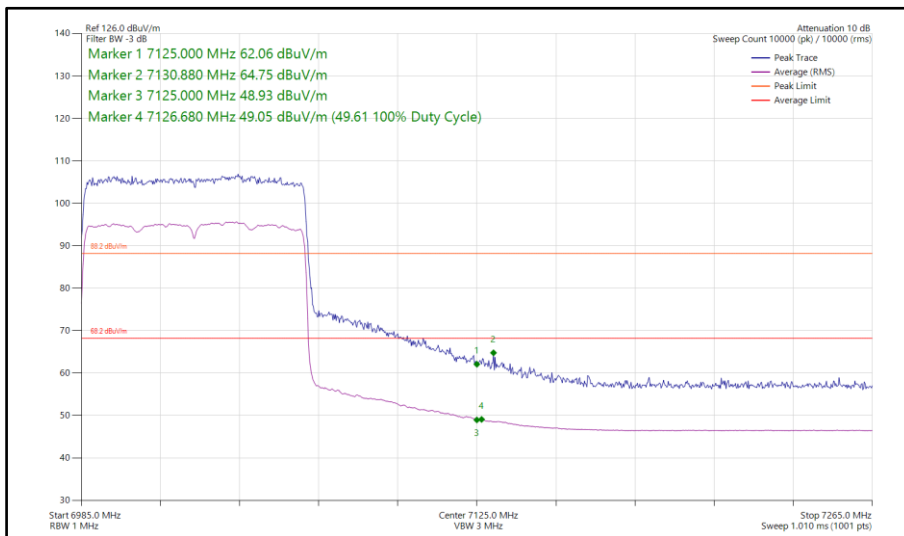
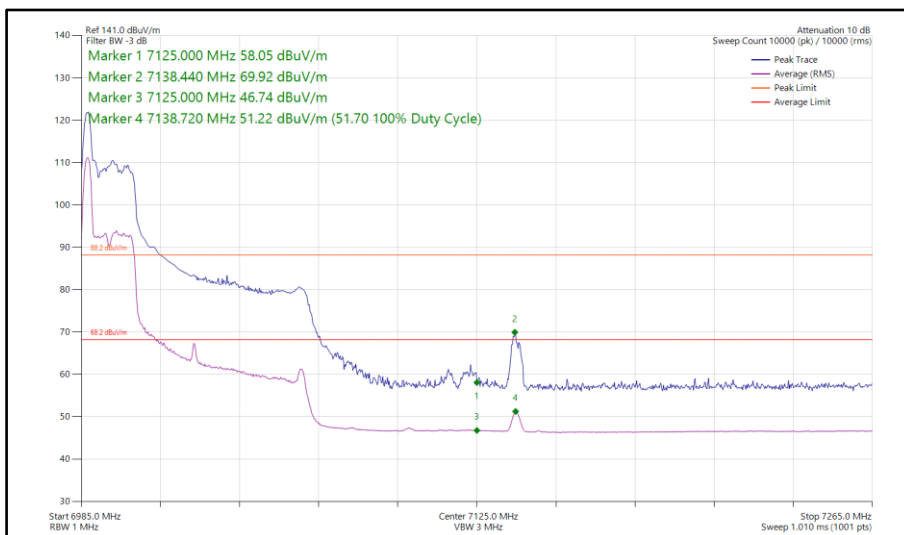


Figure 83 - 802.11ax, HE80, RU 26-0, SISO, Core 1 - 5985 MHz, Band Edge Frequency 5925 MHz



**Figure 84 - 802.11ax, HE80, SU, SISO, Core 1 - 7025 MHz,
Band Edge Frequency 7125 MHz**



**Figure 85 - 802.11ax, HE80, RU 26-0, SISO, Core 1 - 7025 MHz,
Band Edge Frequency 7125 MHz**



80 MHz Bandwidth - Core 0-1 (CDD)

Mode	Data Rate/MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE80	MCS4x1	SU	-	5985	5925	74.97	61.68
802.11ax HE80	MCS11x1	26	0	5985	5925	72.89	50.94
802.11ax HE80	MCS4x1	SU	-	7025	7125	64.24	50.75
802.11ax HE80	MCS11x1	106	53	7025	7125	64.09	50.04

Table 339 - CDD Authorised Band Edge Results

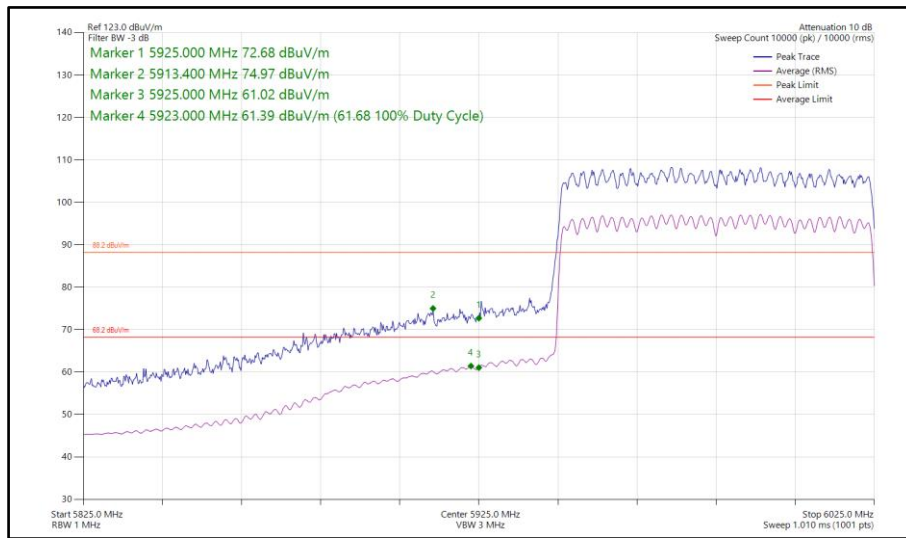


Figure 86 - 802.11ax, HE80, SU, CDD, Core 0-1 - 5985 MHz, Band Edge Frequency 5925 MHz

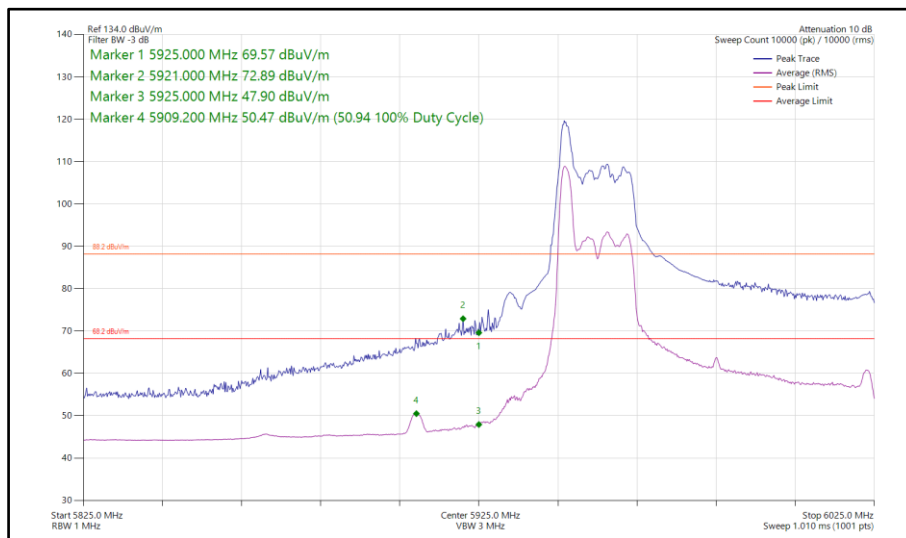
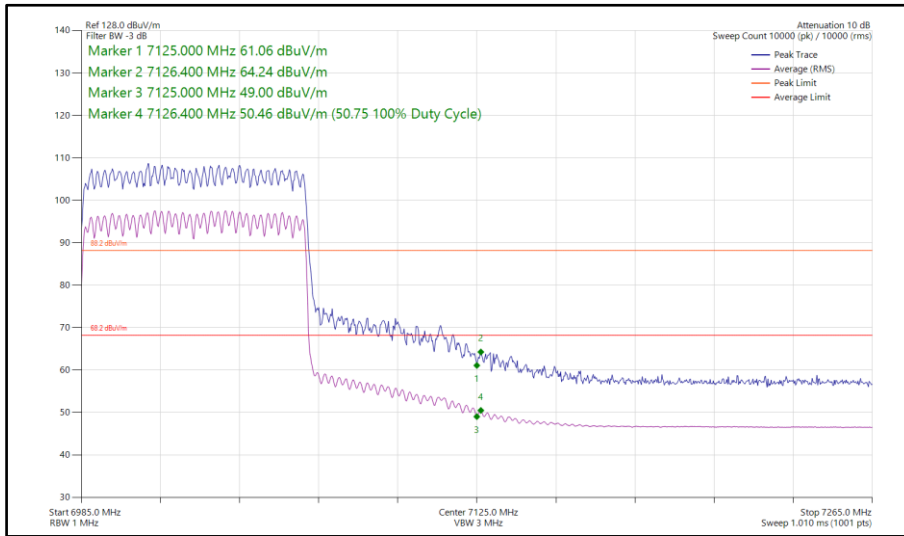
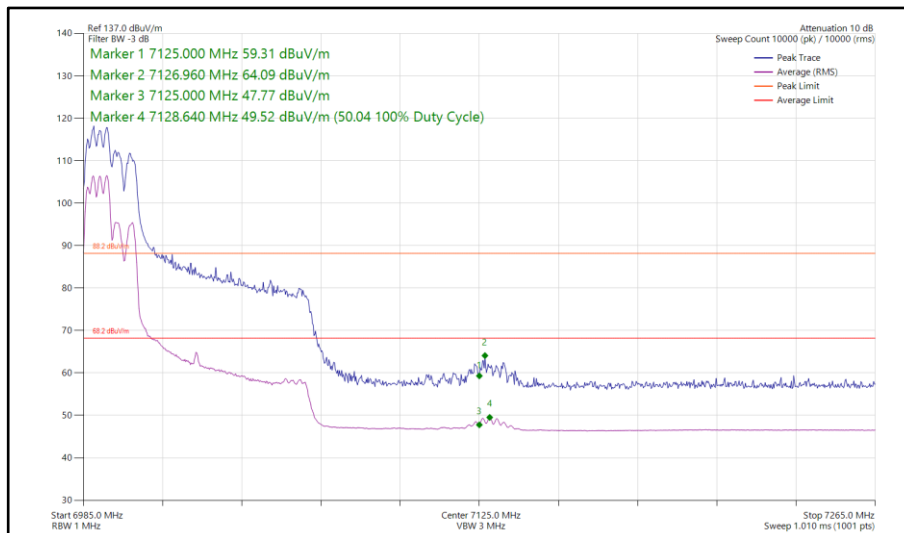


Figure 87 - 802.11ax, HE80, RU 26-0, CDD, Core 0-1 - 5985 MHz, Band Edge Frequency 5925 MHz



**Figure 88 - 802.11ax, HE80, SU, CDD, Core 0-1 - 7025 MHz,
Band Edge Frequency 7125 MHz**



**Figure 89 - 802.11ax, HE80, RU 106-53, CDD, Core 0-1 - 7025 MHz,
Band Edge Frequency 7125 MHz**



80 MHz Bandwidth - Core 0-1 (SDM)

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	MCS11x2	SU	-	5985	5925	74.66	61.36
802.11ax HE80	MCS11x2	52	37	5985	5925	73.97	51.14
802.11ax HE80	MCS4x2	SU	-	7025	7125	63.77	50.13
802.11ax HE80	MCS11x2	26	0	7025	7125	68.57	50.16

Table 340 - SDM Authorised Band Edge Results

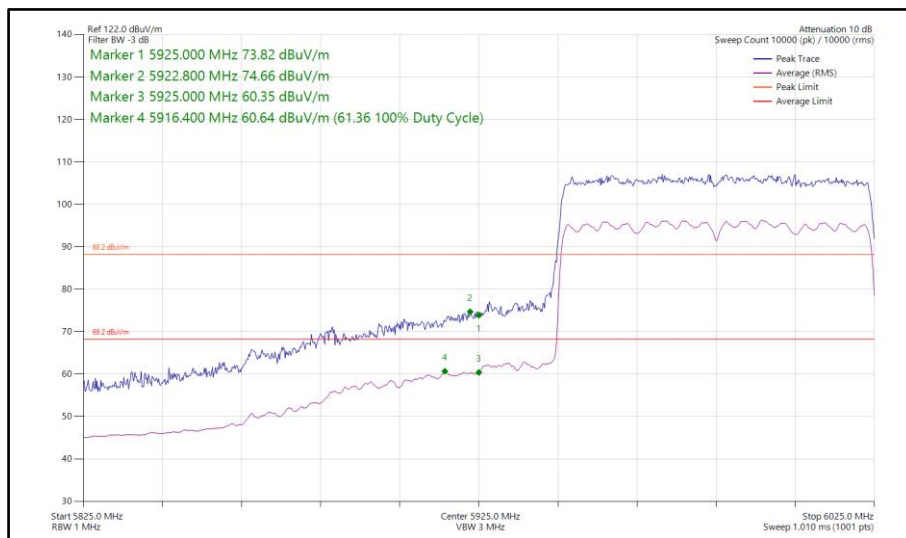


Figure 90 - 802.11ax, HE80, SU, SDM, Core 0-1 - 5985 MHz, Band Edge Frequency 5925 MHz

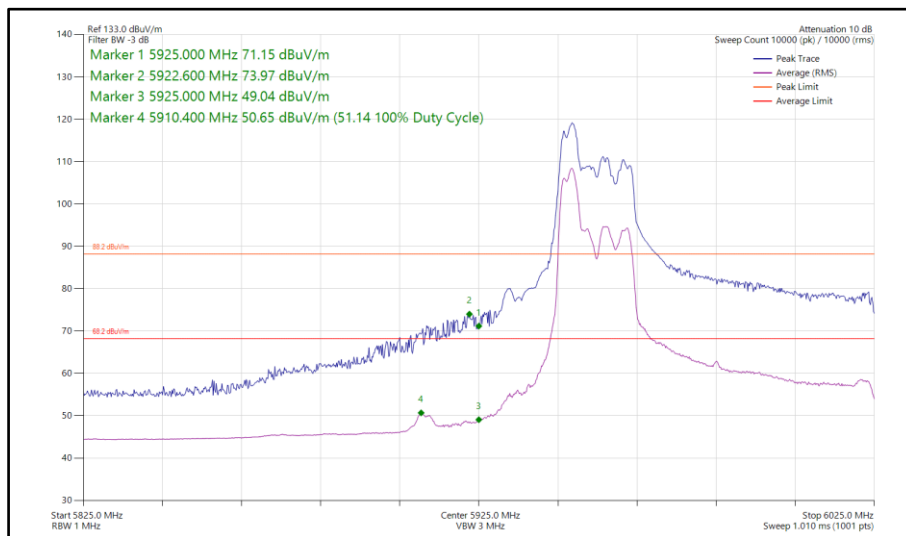


Figure 91 - 802.11ax, HE80, RU 52-37, SDM, Core 0-1 - 5985 MHz, Band Edge Frequency 5925 MHz

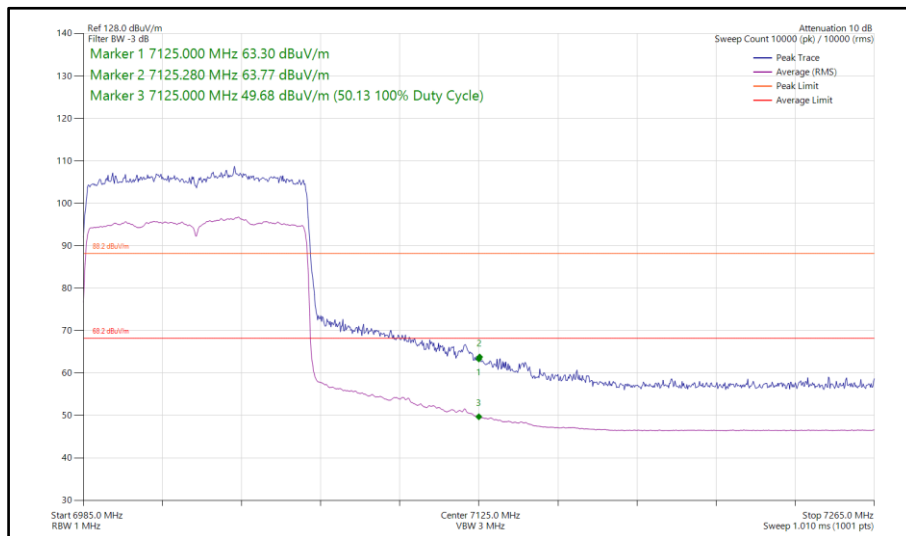


Figure 92 - 802.11ax, HE80, SU, SDM, Core 0-1 - 7025 MHz, Band Edge Frequency 7125 MHz

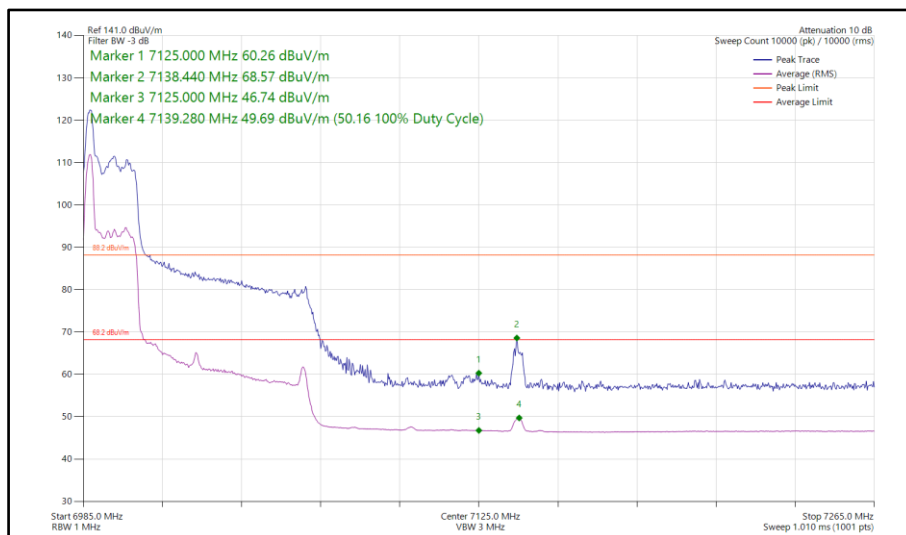


Figure 93 - 802.11ax, HE80, RU 26-0, SDM, Core 0-1 - 7025 MHz, Band Edge Frequency 7125 MHz



80 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)
802.11ax HE80	MCS4x1	SU	-	5985	5925	66.38	52.99
802.11ax HE80	MCS11x1	SU	-	7025	7125	58.37	47.08

Table 341 - TxBF Authorised Band Edge Results

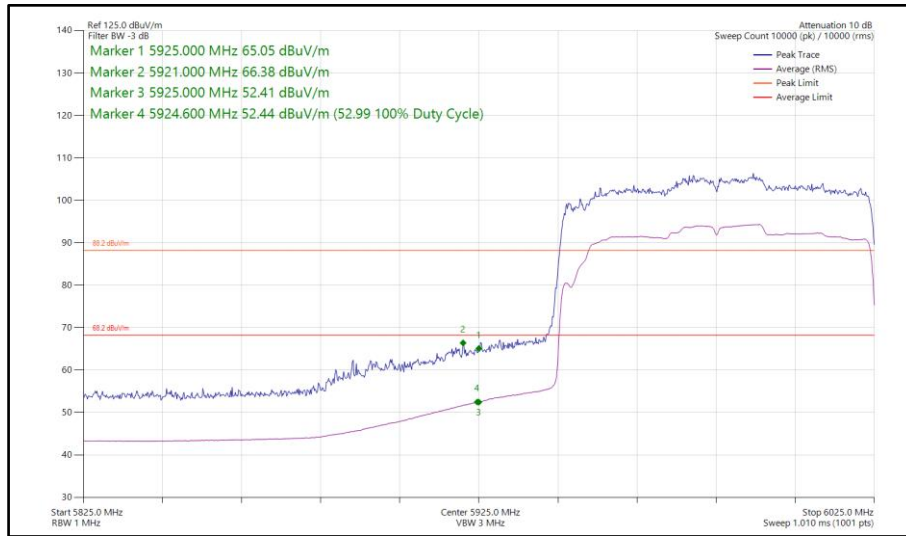


Figure 94 - 802.11ax, HE80, SU, TxBF, Core 0-1 - 5985 MHz, Band Edge Frequency 5925 MHz

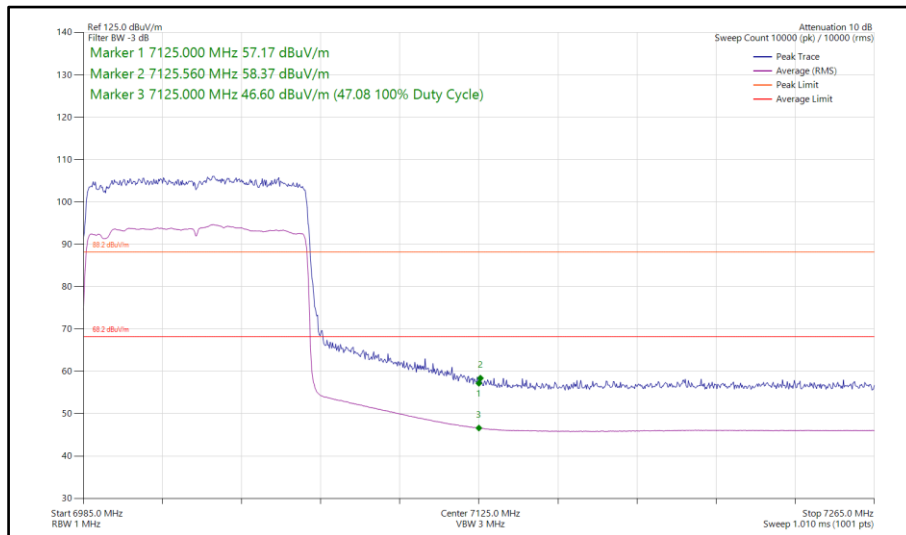


Figure 95 - 802.11ax, HE80, SU, TxBF, Core 0-1 - 7025 MHz, Band Edge Frequency 7125 MHz



160 MHz Bandwidth - Core 0 (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	MCS11x1	SU	-	6025	5925	73.46	61.13
802.11ax HE160	MCS11x1	52	37	6025	5925	72.51	52.28
802.11ax HE160	MCS11x1	SU	-	6985	7125	72.34	56.18
802.11ax HE160	MCS11x1	26	36	6985	7125	69.02	55.53

Table 342 - SISO Authorised Band Edge Results

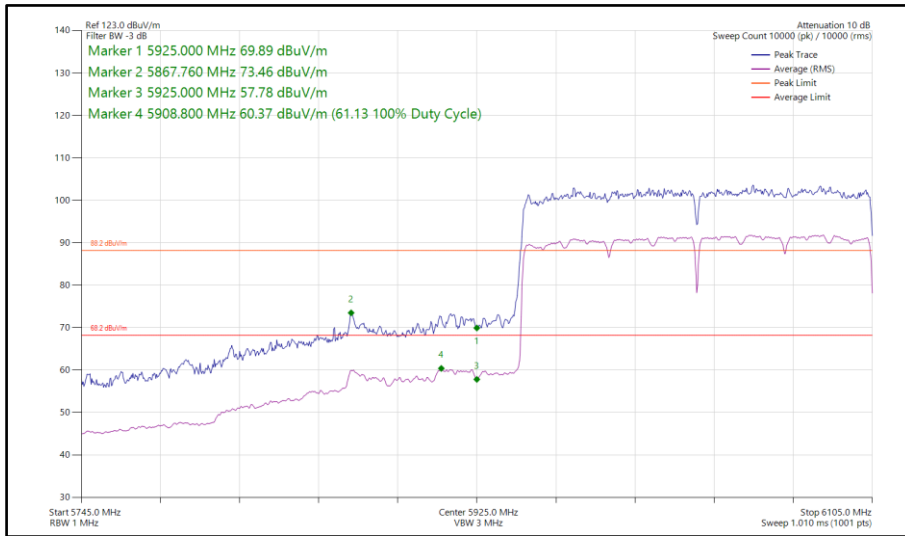


Figure 96 - 802.11ax, HE160, SU, SISO, Core 0 - 6025 MHz, Band Edge Frequency 5925 MHz

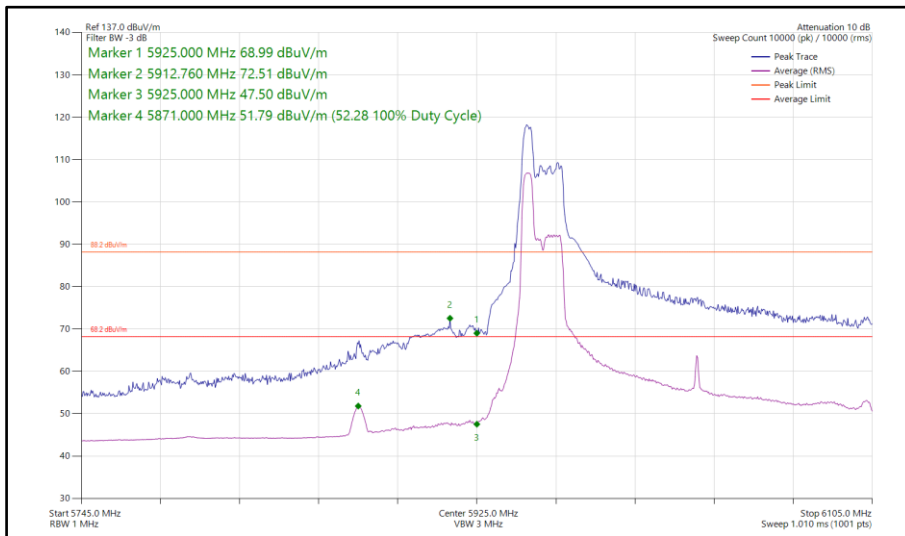


Figure 97 - 802.11ax, HE160, RU 52-37, SISO, Core 0 - 6025 MHz, Band Edge Frequency 5925 MHz

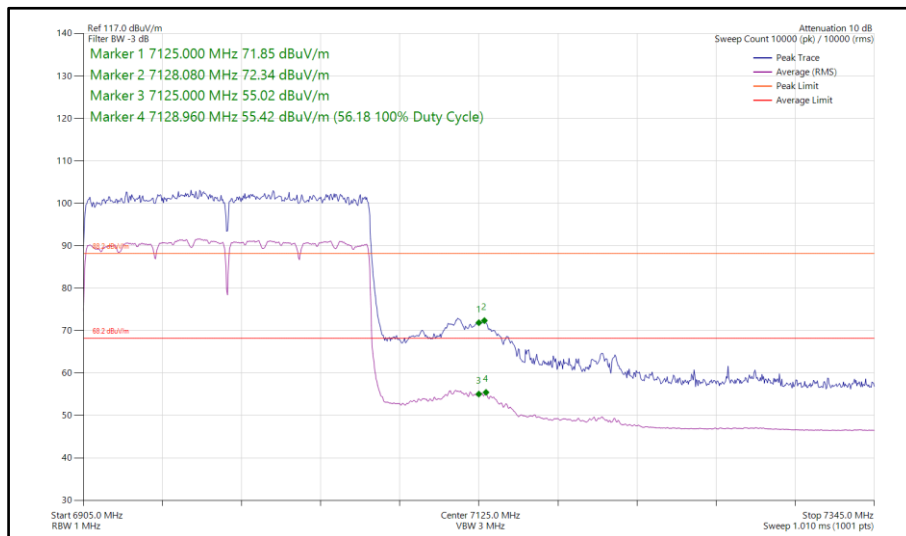


Figure 98 - 802.11ax, HE160, SU, SISO, Core 0 - 6985 MHz, Band Edge Frequency 7125 MHz

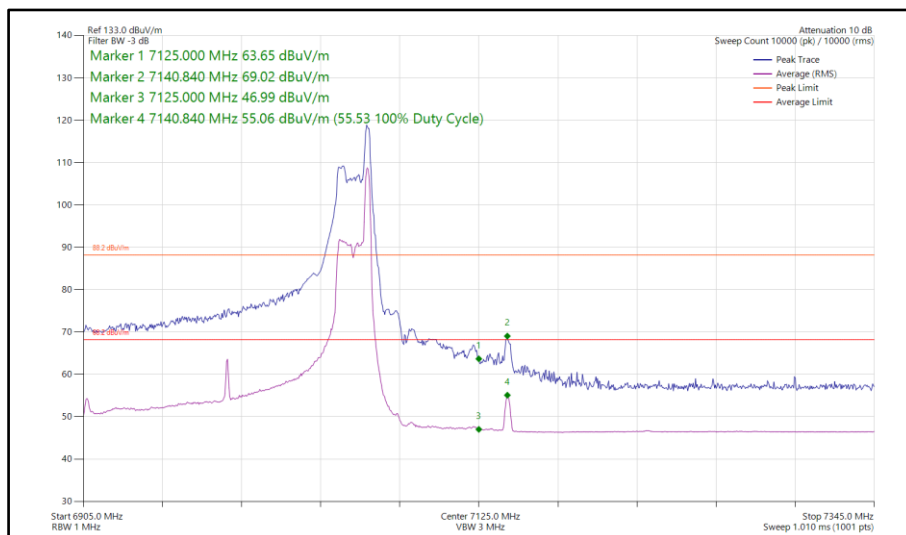


Figure 99 - 802.11ax, HE160, RU 26-36, SISO, Core 0 - 6985 MHz, Band Edge Frequency 7125 MHz



160 MHz Bandwidth - Core 1 (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	MCS11x1	SU	-	6025	5925	75.49	61.05
802.11ax HE160	MCS11x1	52	37	6025	5925	69.89	47.79
802.11ax HE160	MCS11x1	SU	-	6985	7125	72.97	56.27
802.11ax HE160	MCS11x1	26	36	6985	7125	64.88	48.27

Table 343 - SISO Authorised Band Edge Results

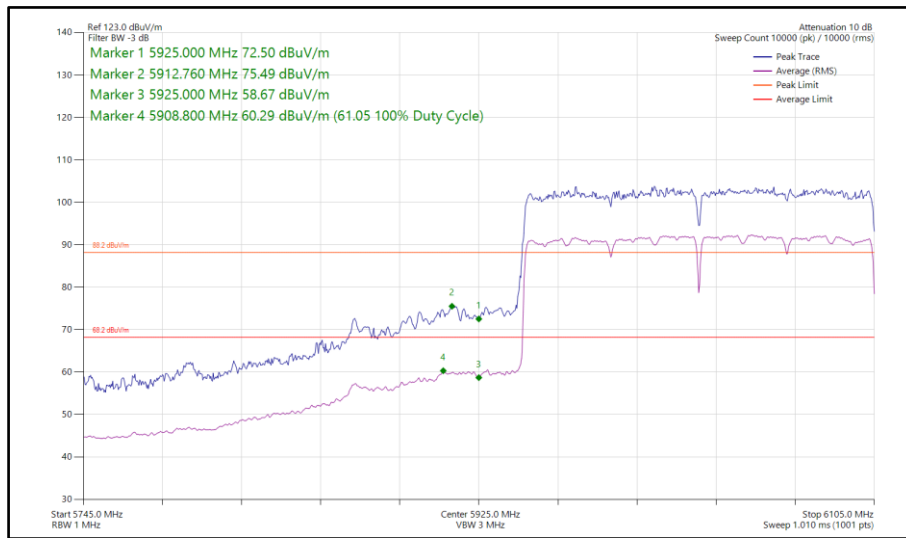


Figure 100 - 802.11ax, HE160, SU, SISO, Core 1 - 6025 MHz, Band Edge Frequency 5925 MHz

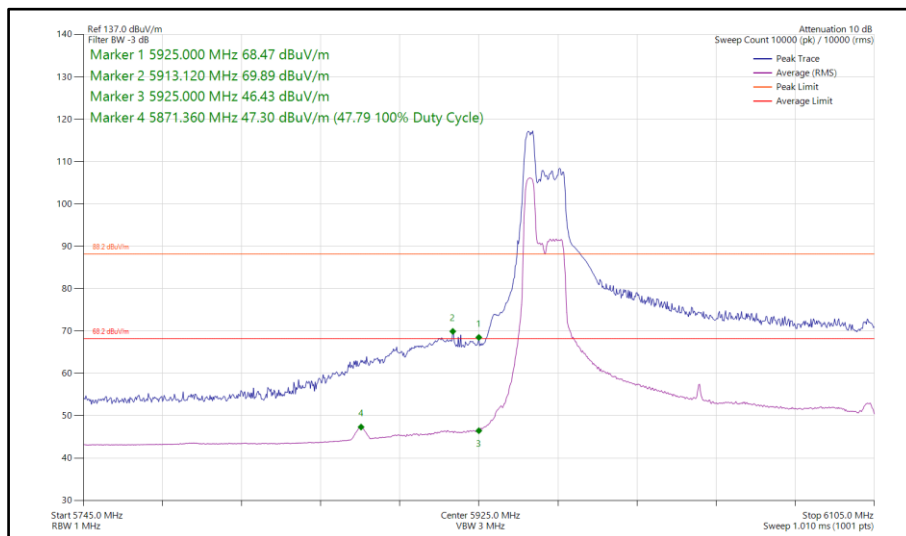
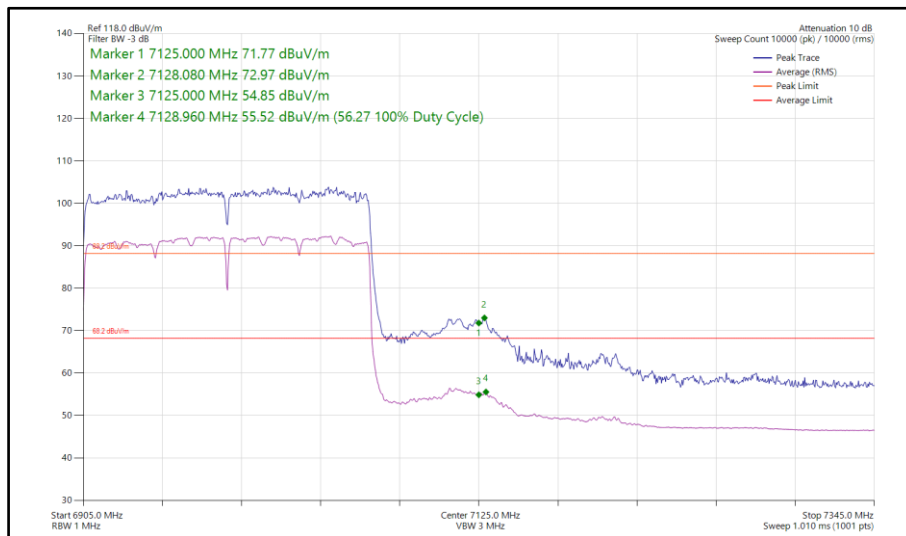
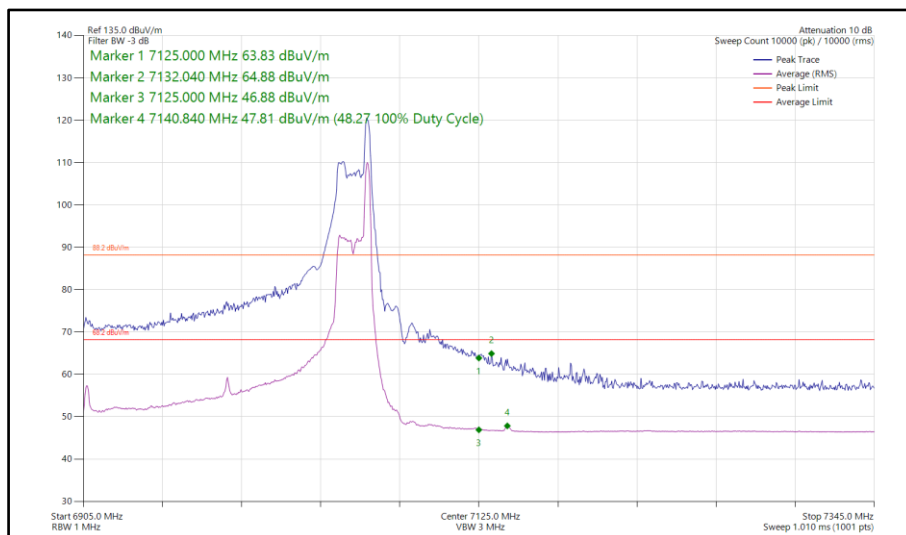


Figure 101 - 802.11ax, HE160, RU 52-37, SISO, Core 1 - 6025 MHz, Band Edge Frequency 5925 MHz



**Figure 102 - 802.11ax, HE160, SU, SISO, Core 1 - 6985 MHz,
Band Edge Frequency 7125 MHz**



**Figure 103 - 802.11ax, HE160, RU 26-36, SISO, Core 1 - 6985 MHz,
Band Edge Frequency 7125 MHz**



160 MHz Bandwidth - Core 0-1 (CDD)

Mode	Data Rate/MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE160	MCS11x1	SU	-	6025	5925	75.04	61.36
802.11ax HE160	MCS11x1	26	0	6025	5925	71.71	54.80
802.11ax HE160	MCS11x1	SU	-	6985	7125	76.08	59.54
802.11ax HE160	MCS11x1	52	52	6985	7125	69.22	54.66

Table 344 - CDD Authorised Band Edge Results

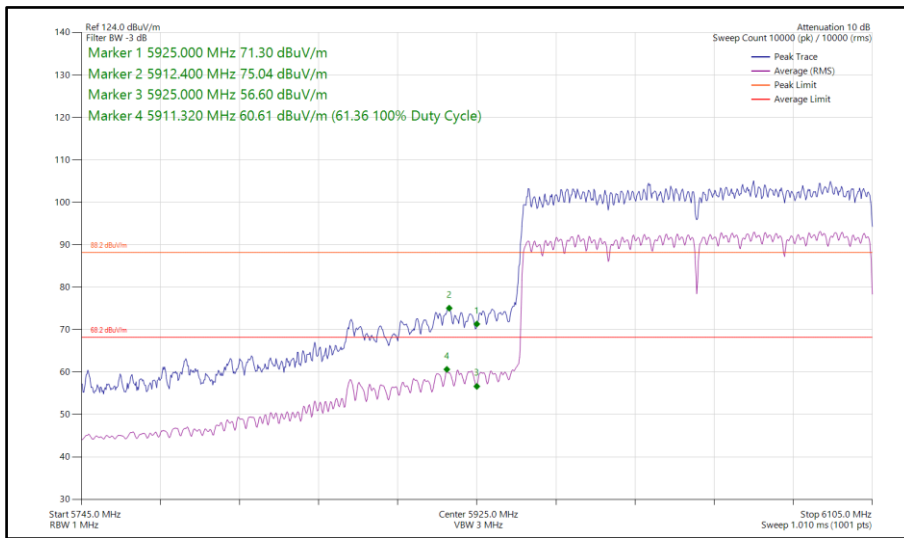


Figure 104 - 802.11ax, HE160, SU, CDD, Core 0-1 - 6025 MHz, Band Edge Frequency 5925 MHz

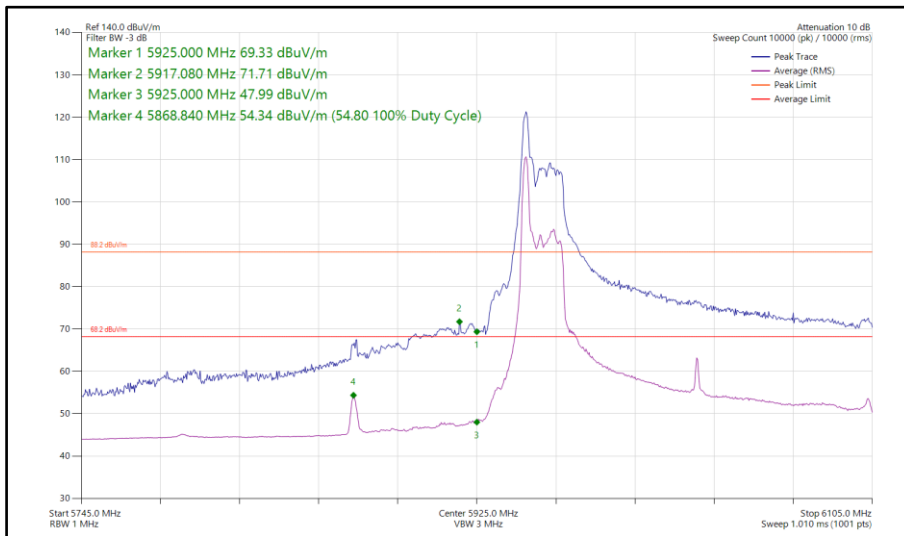
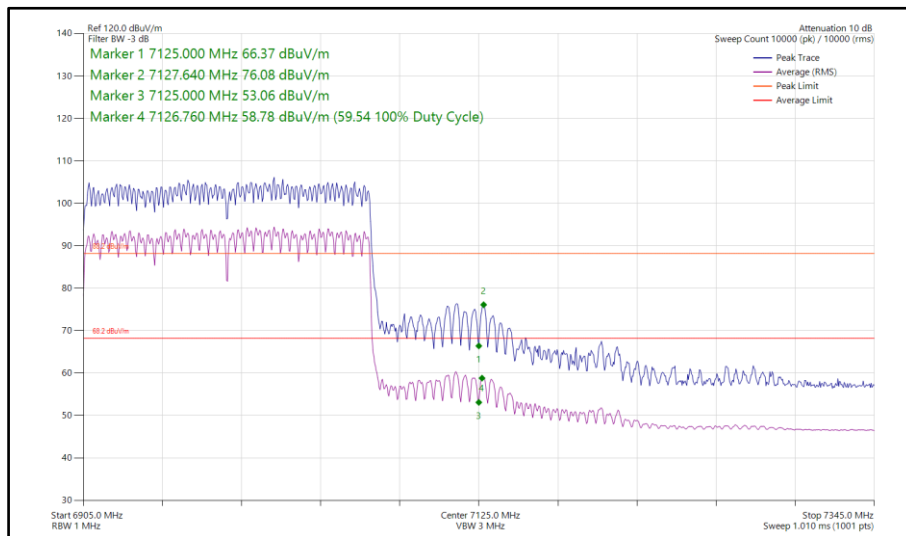
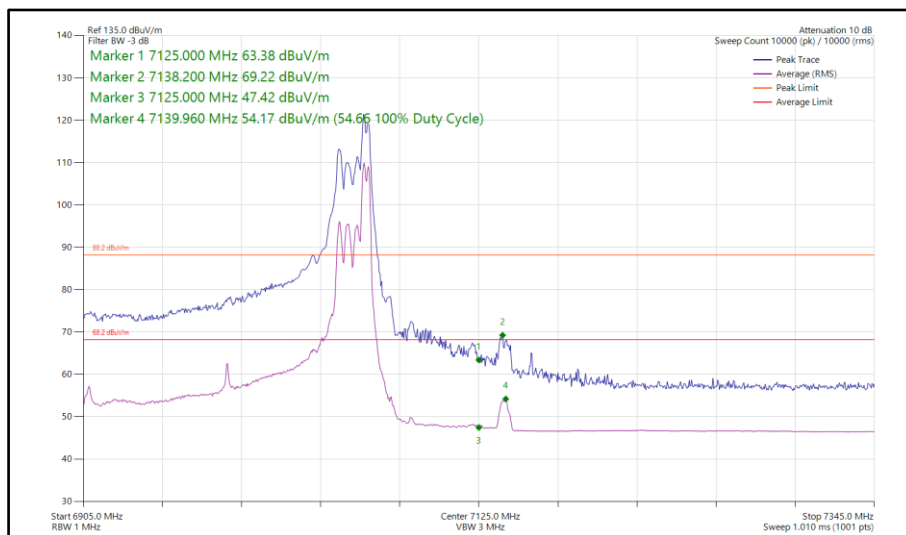


Figure 105 - 802.11ax, HE160, RU 26-0, CDD, Core 0-1 - 6025 MHz, Band Edge Frequency 5925 MHz



**Figure 106 - 802.11ax, HE160, SU, CDD, Core 0-1 - 6985 MHz,
Band Edge Frequency 7125 MHz**



**Figure 107 - 802.11ax, HE160, RU 52-52, CDD, Core 0-1 - 6985 MHz,
Band Edge Frequency 7125 MHz**



160 MHz Bandwidth - Core 0-1 (SDM)

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	MCS11x2	SU	-	6025	5925	76.80	63.32
802.11ax HE160	MCS11x2	26	0	6025	5925	70.39	50.87
802.11ax HE160	MCS11x2	SU	-	6985	7125	74.46	59.55
802.11ax HE160	MCS11x2	26	36	6985	7125	68.32	54.41

Table 345 - SDM Authorised Band Edge Results

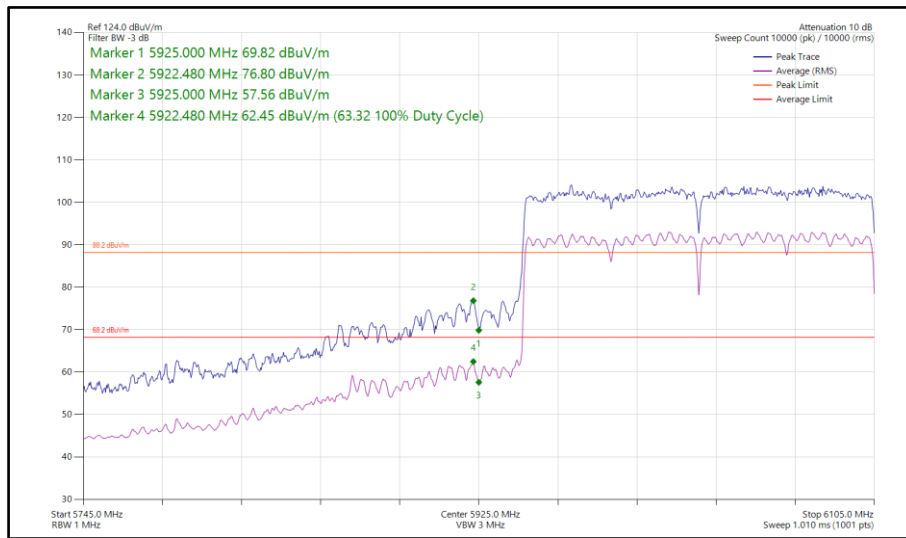


Figure 108 - 802.11ax, HE160, SU, SDM, Core 0-1 - 6025 MHz, Band Edge Frequency 5925 MHz

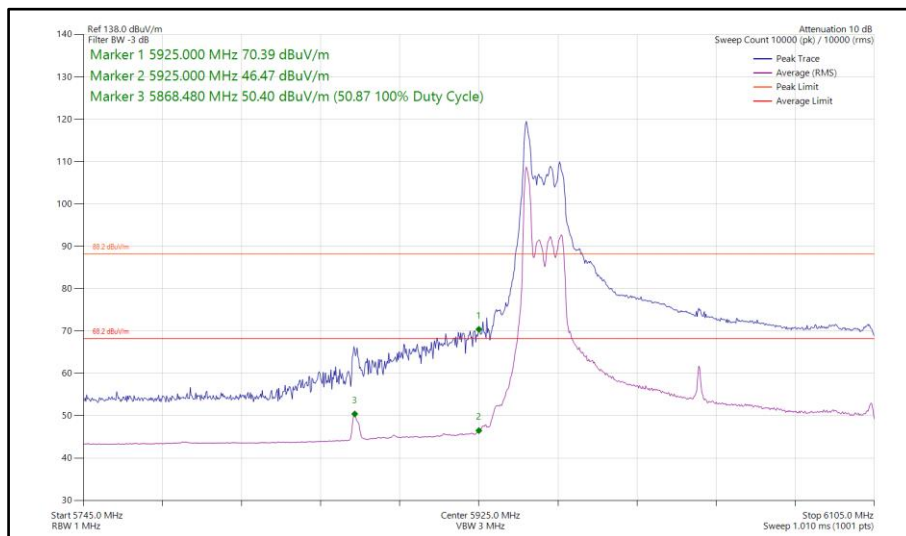
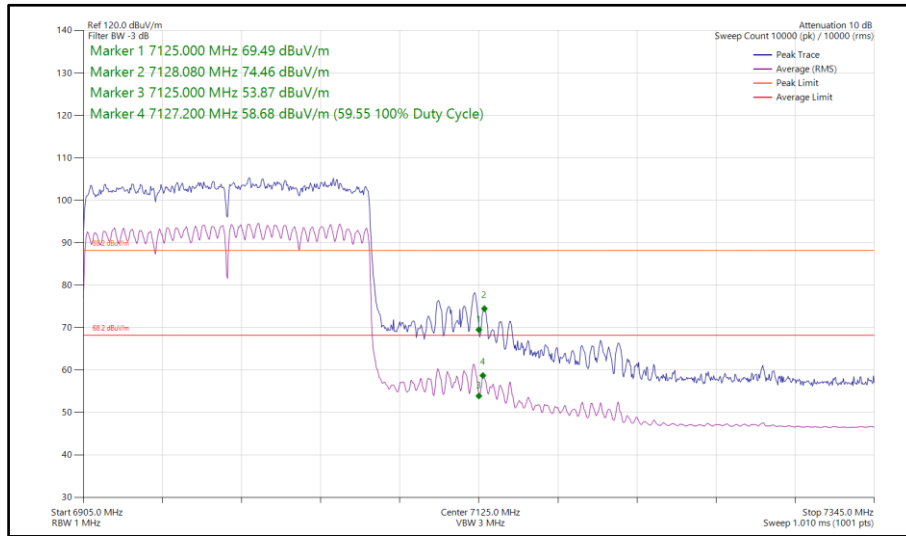
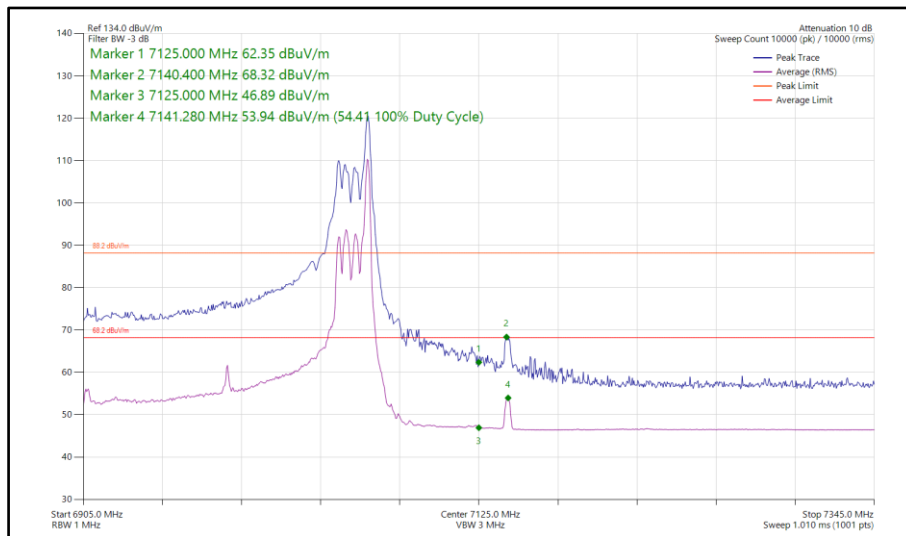


Figure 109 - 802.11ax, HE160, RU 26-0, SDM, Core 0-1 - 6025 MHz, Band Edge Frequency 5925 MHz



**Figure 110 - 802.11ax, HE160, SU, SDM, Core 0-1 - 6985 MHz,
Band Edge Frequency 7125 MHz**



**Figure 111 - 802.11ax, HE160, RU 26-36, SDM, Core 0-1 - 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 RF Chamber 15 and RF Chamber 16.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.1.10	5125	-	Software
Cable (18GHz)	Junkosha	MWX221-04000NMSNMS/B	5262	12	04-Aug-2023
Cable (18 GHz)	Junkosha	MWX221-04000NMSNMS/B	5263	12	28-Feb-2023
EMI Test Receiver	Rohde & Schwarz	ESW44	5911	12	24-Feb-2023
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	O/P Mon
1500W (300V 12A) AC Power Supply	iTech	IT7324	5957	-	O/P Mon
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 15	5963	36	28-Apr-2025
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
3m Semi-Anechoic Chamber	Schaffner	RF Chamber 16	5972	36	24-May-2025
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
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
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6018	12	06-Jun-2023
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6140	12	21-Jun-2023
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	26-Jun-2023
Digital Multimeter	Fluke	115	6146	12	16-Jun-2023
Digital Multimeter	Fluke	115	6147	12	16-Jun-2023
Humidity & Temperature meter	R.S Components	1364	6148	12	17-Jun-2023
Humidity & Temperature meter	R.S Components	1364	6150	12	17-Jun-2023
SAC Switch Unit	TUV SUD	TUV_SSU_001	6190	12	08-Aug-2023
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	15-Jul-2023
EMI Test Receiver	Rohde & Schwarz	ESW44	6294	12	03-Nov-2023

Table 346

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



2.5 Spurious Radiated Emissions

2.5.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.209 and 15.407 (b)
ISED RSS-248, Clause 4.7
ISED RSS-GEN, Clause 6.13 and 8.9

2.5.2 Equipment Under Test and Modification State

A2901, S/N: QXM2RLKFW6 - Modification State 0

2.5.3 Date of Test

02-April-2023 to 04-April-2023

2.5.4 Test Method

Testing was performed in accordance with ANSI C63.10, clause 6.3, 6.5 and 6.6.

Tests were performed in HE20 CDD in 2TX MIMO mode with measurements undertaken from 30 MHz to 40 GHz, on channel 45 (6175 MHz), 105 (6475 MHz), 149 (6695 MHz) and channel 209 (6995 MHz).

All testing was performed using the lowest data rate/modulation scheme for the applicable mode since this was declared worst case by the customer.

For the purpose of this testing, spurious emissions were limited to 1 GHz to 40 GHz on all other test channels.

Plots for average and peak measurements were taken in accordance with ANSI C63.10, clause 12.7.7.2 and 12.7.6 with max-hold trace to characterize the EUT.

The plots shown are the characterization of the EUT. The limits on the plots represent the most stringent case for restricted bands, (54/74 dBuV/m @ 3 m and 64/84 dBuV/m @ 1m) when compared to -27 dBm/MHz EIRP outside restricted bands. The limits shown have been used as a threshold to determine where further measurements are necessary. Where results are within 10dB of the limits shown on the plots, further investigation was carried out and reported in results tables.

The following conversion can be applied to convert from dBuV/m to uV/m:
 $10^{(\text{Field Strength in dBuV/m}/20)}$.

EIRP was converted to field strength at 3m using the following formula:
Field Strength (dBuV/m at 3 m) = EIRP (dBm) + 95.2 dB.