



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	MCS 2x1	SU	-	5965	5925	80.13	65.43
802.11ax HE40	MCS 11x1	106	56	5965	5925	60.15	46.93
802.11ax HE40	MCS 11x1	SU	-	7085	7125	83.49	62.31
802.11ax HE40	MCS 11x1	26	0	7085	7125	75.95	52.73

Table 223 - SISO Authorised Band Edge Results

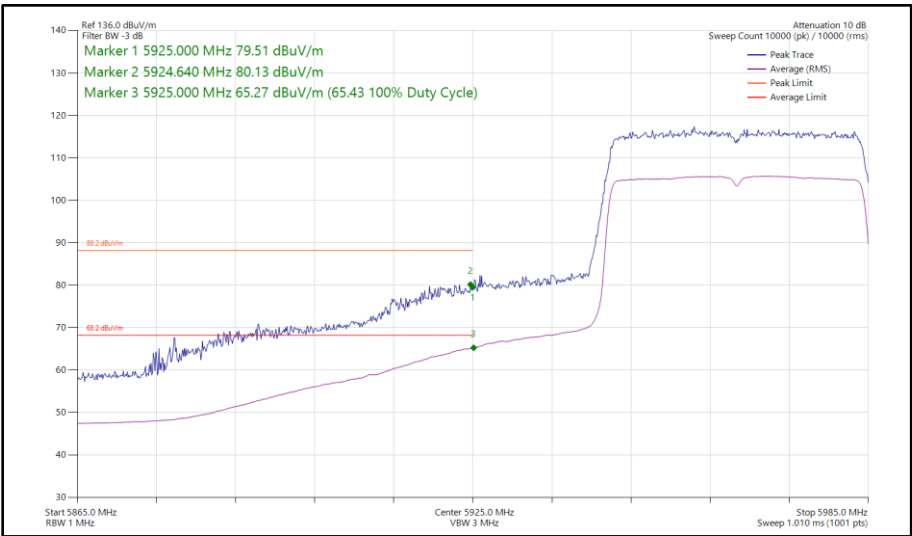
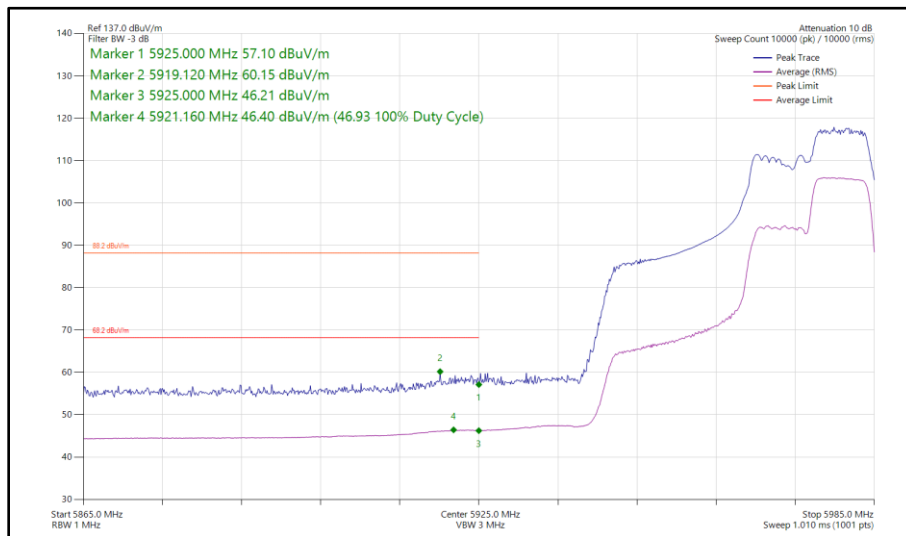
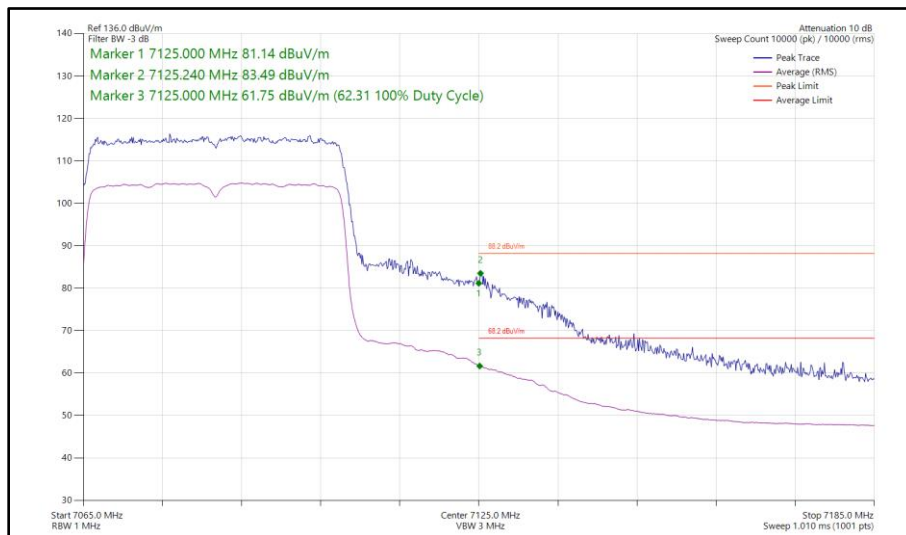


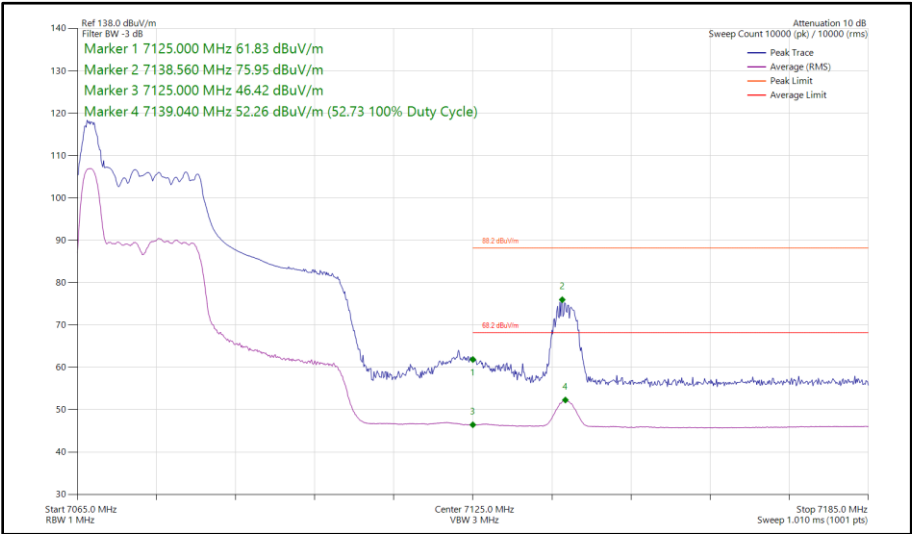
Figure 184 - 802.11ax HE40, SU, SISO, Core 0 - 5965 MHz
Band Edge Frequency 5925 MHz



**Figure 185 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 186 - 802.11ax HE40, SU, SISO, Core 0 - 7085 MHz
Band Edge Frequency 7125 MHz**



**Figure 187 - 802.11ax HE40, RU 26-0, 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	MCS 11x1	SU	-	5965	5925	83.21	65.40
802.11ax HE40	MCS 11x1	106	56	5965	5925	60.22	47.02
802.11ax HE40	MCS 2x1	SU	-	7085	7125	81.25	65.70
802.11ax HE40	MCS 11x1	26	0	7085	7125	73.46	50.86

Table 224 - SISO Authorised Band Edge Results

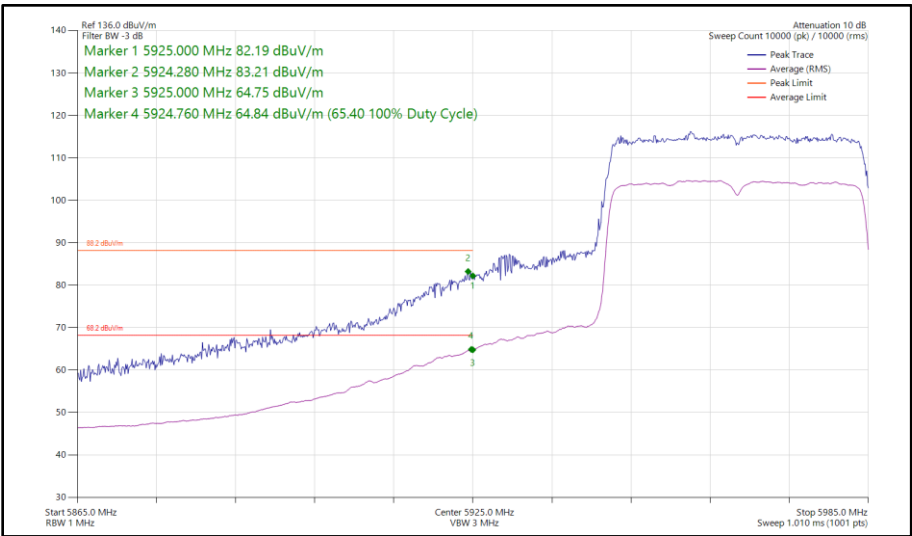
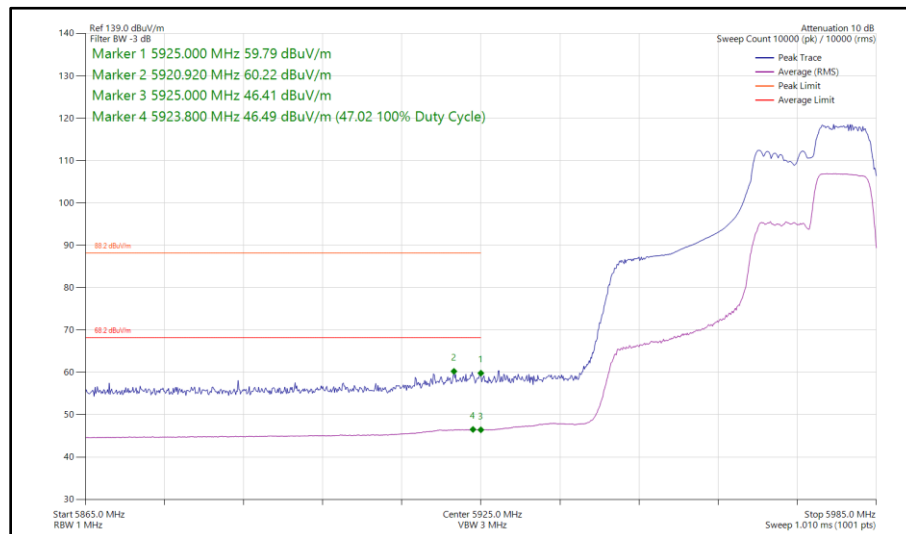
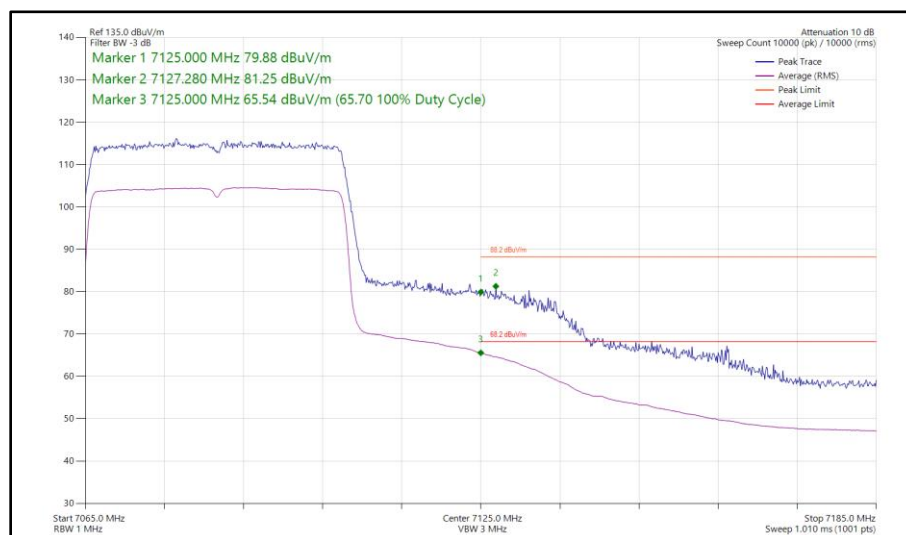


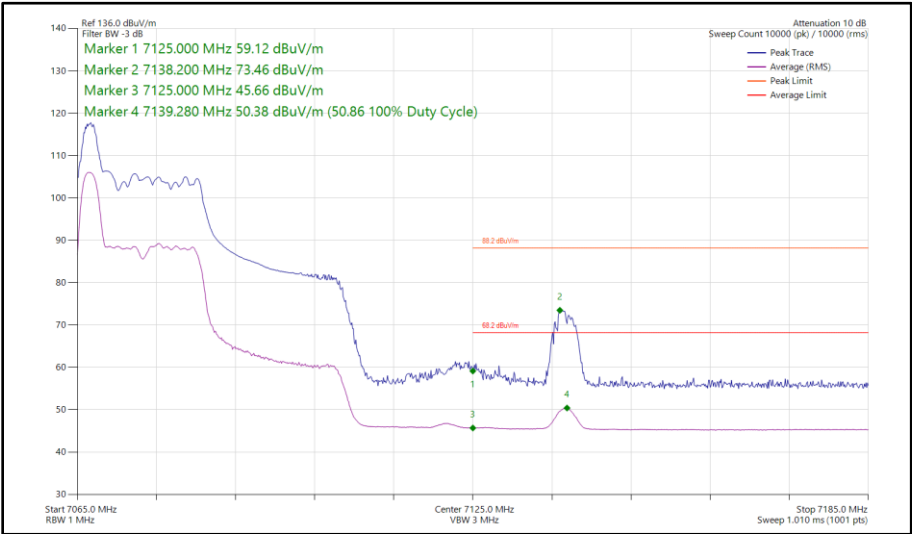
Figure 188 - 802.11ax HE40, SU, SISO, Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz



**Figure 189 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 190 - 802.11ax HE40, SU, SISO, Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**



**Figure 191 - 802.11ax HE40, RU 26-0, SISO, Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**

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

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE40	MCS 4x1	SU	-	5965	5925	82.30	65.59
802.11ax HE40	MCS 11x1	106	56	5965	5925	61.32	48.36
802.11ax HE40	MCS 2x1	SU	-	7085	7125	80.94	65.53
802.11ax HE40	MCS 11x1	26	0	7085	7125	76.68	53.57

Table 225 - CDD Authorised Band Edge Results

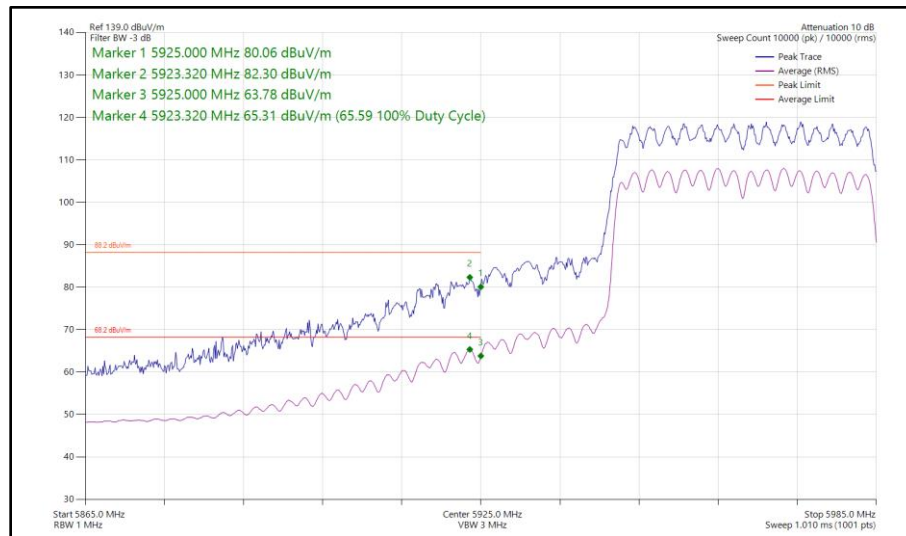
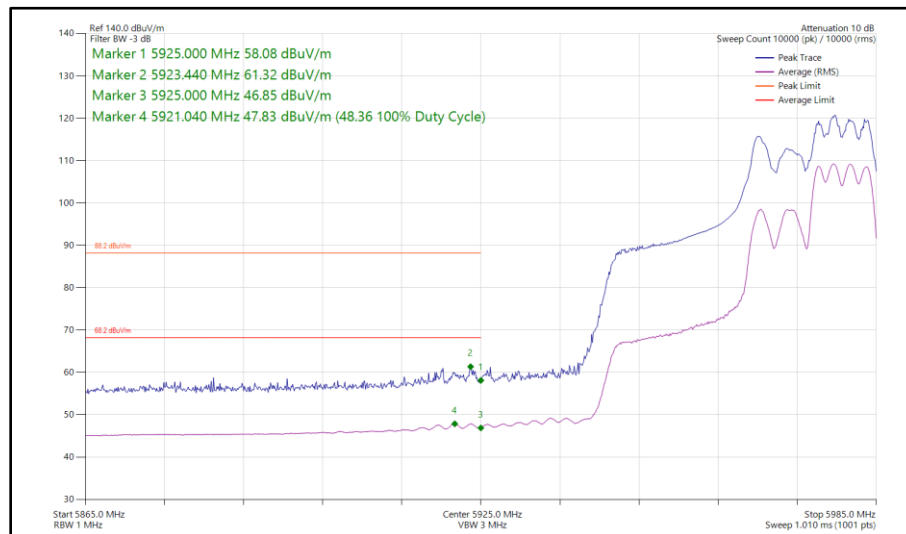
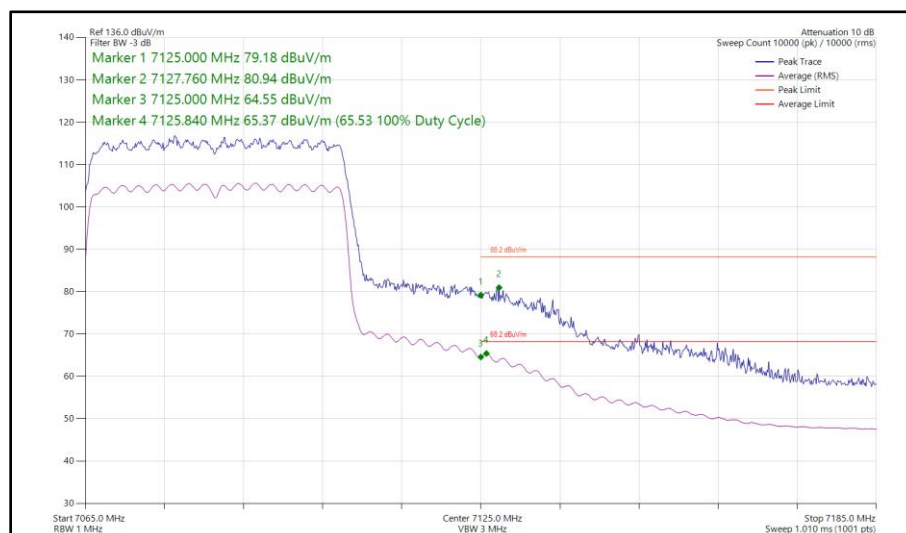


Figure 192 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz



**Figure 193 - 802.11ax HE40, RU 106-56, CDD, Core 0 - Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 194 - 802.11ax HE40, SU, CDD, Core 0 - Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**

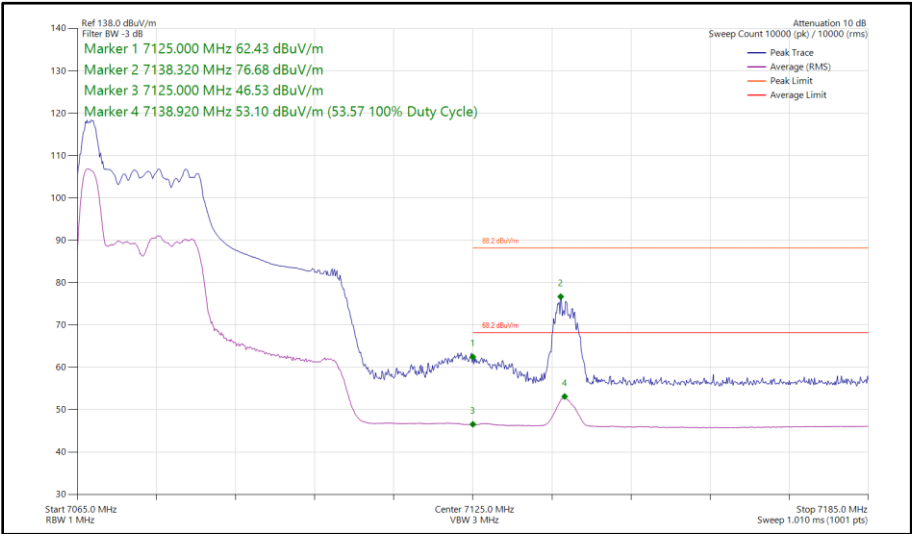


Figure 195 - 802.11ax HE40, RU 26-0, CDD, Core 0 - Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz



40 MHz Bandwidth - Core 0 - Core 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 HE40	MCS 11x2	SU	-	5965	5925	82.49	65.58
802.11ax HE40	MCS 11x2	106	56	5965	5925	60.38	47.91
802.11ax HE40	MCS 4x2	SU	-	7085	7125	83.56	65.11
802.11ax HE40	MCS 11x2	52	37	7085	7125	74.57	53.62

Table 226 - SDM Authorised Band Edge Results

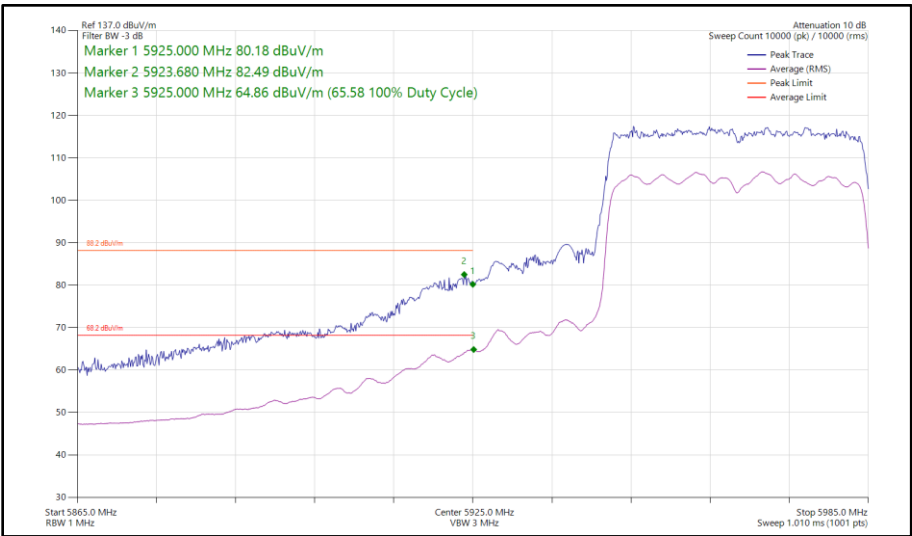
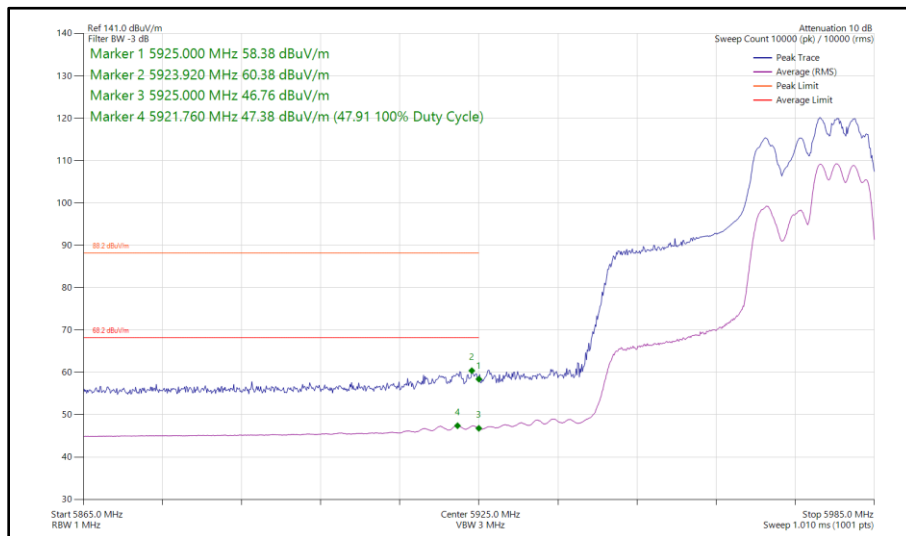
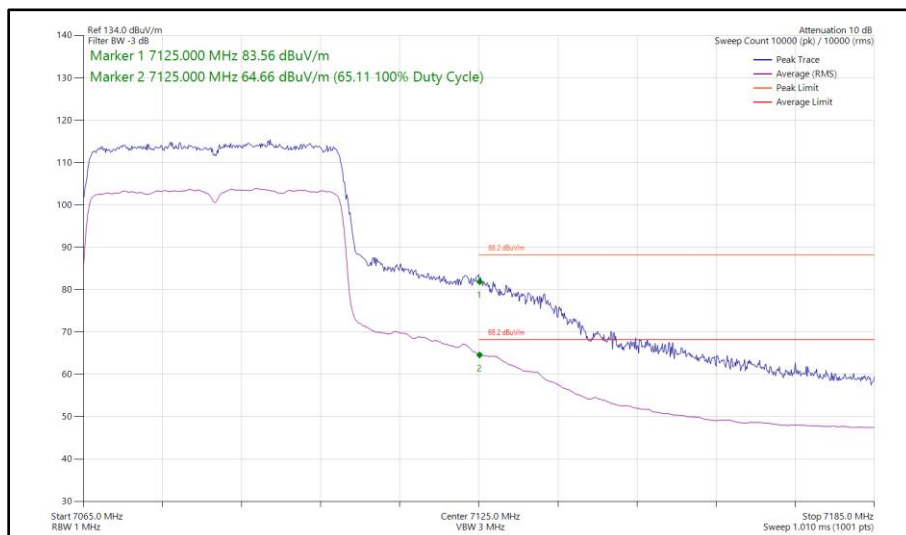


Figure 196 - 802.11ax HE40, SU, SDM, Core 0 - Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz



**Figure 197 - 802.11ax HE40, RU 106-56, SDM, Core 0 - Core 1 - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 198 - 802.11ax HE40, SU, SDM, Core 0 - Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz**

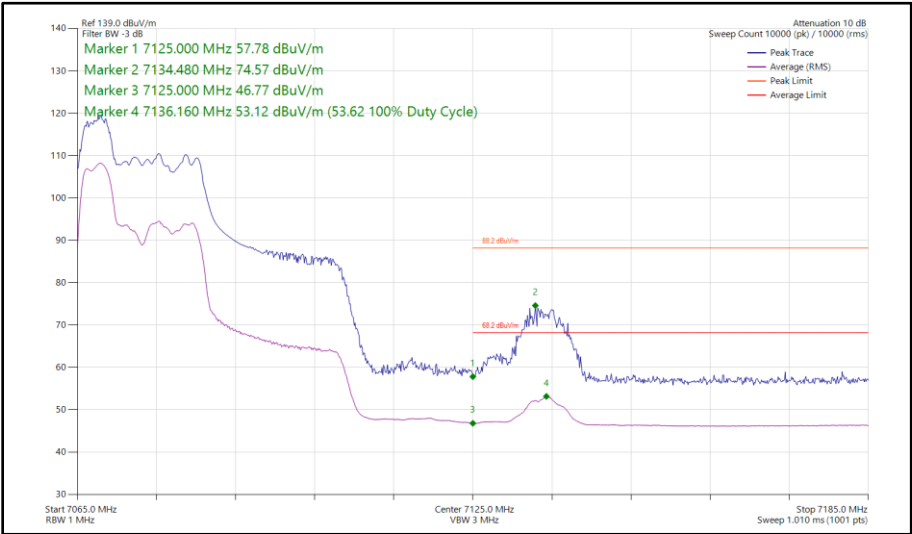


Figure 199 - 802.11ax HE40, RU 52-37, SDM, Core 0 - Core 1 - 7085 MHz
Band Edge Frequency 7125 MHz



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	MCS 4x1	SU	-	5985	5925	81.17	65.62
802.11ax HE80	MCS 11x1	52	37	5985	5925	57.90	46.31
802.11ax HE80	MCS 4x1	SU	-	7025	7125	81.17	65.46
802.11ax HE80	MCS 11x1	26	0	7025	7125	70.01	48.67

Table 227 - SISO Authorised Band Edge Results

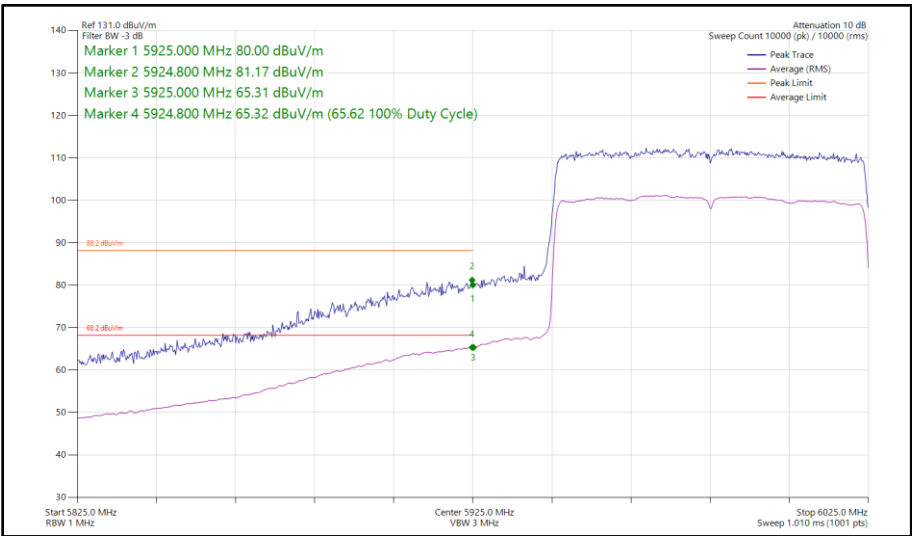
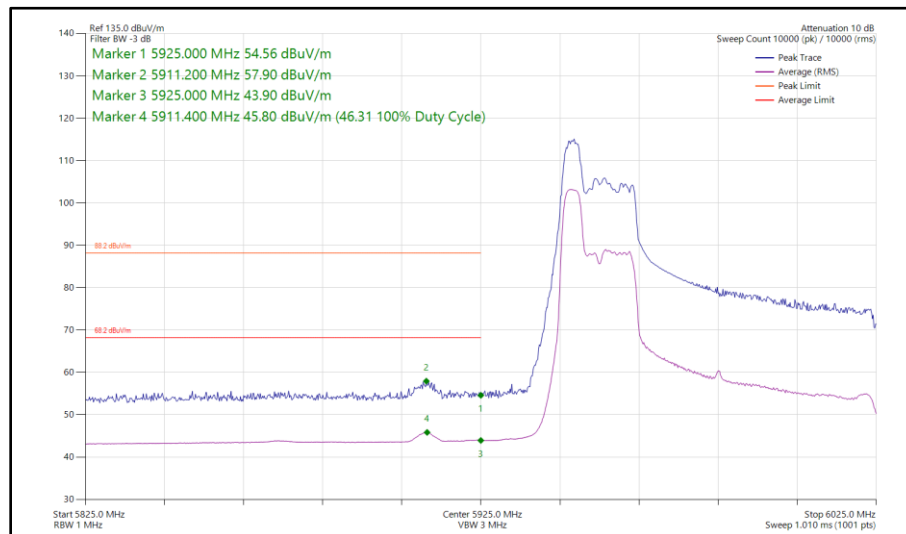
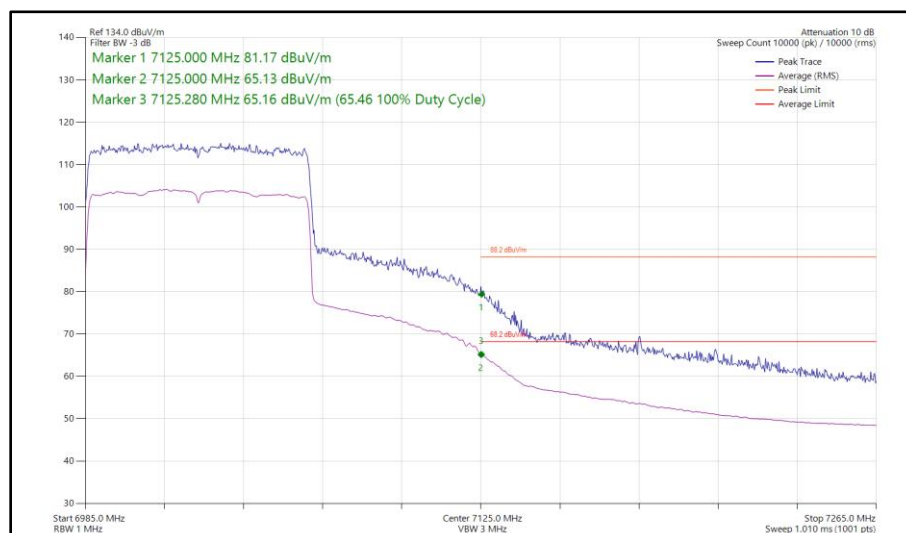


Figure 200 - 802.11ax HE80, SU, SISO, Core 0 - 5985 MHz
Band Edge Frequency 5925 MHz



**Figure 201 - 802.11ax HE80, RU 52-37, SISO, Core 0 - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 202 - 802.11ax HE80, SU, SISO, Core 0 - 7025 MHz
Band Edge Frequency 7125 MHz**

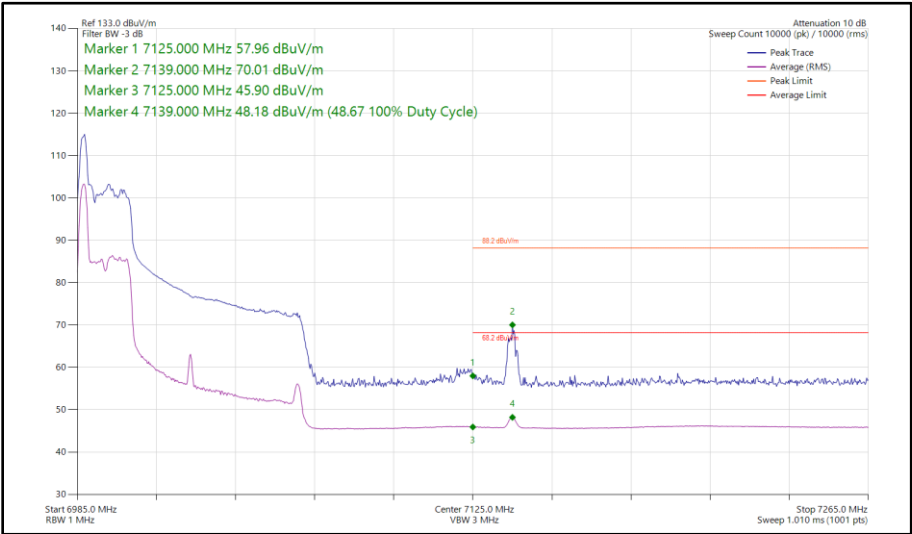
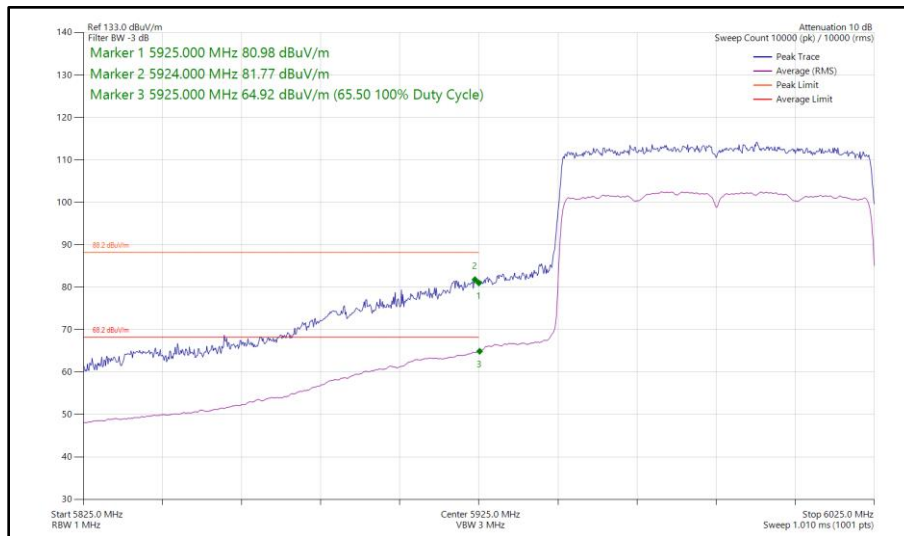


Figure 203 - 802.11ax HE80, RU 26-0, SISO, Core 0 - 7025 MHz
Band Edge Frequency 7125 MHz

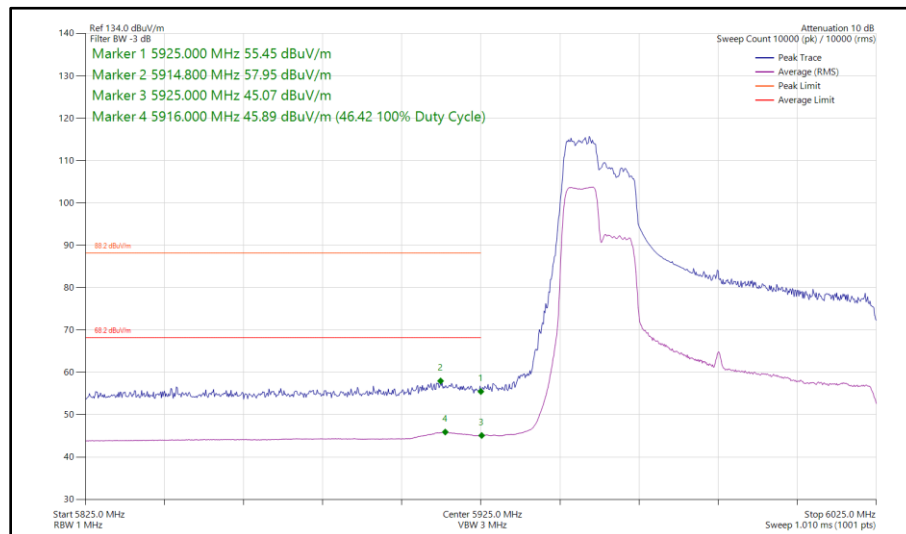
80 MHz Bandwidth - Core 1 (SISO)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE80	MCS 11x1	SU	-	5985	5925	81.77	65.50
802.11ax HE80	MCS 11x1	106	53	5985	5925	57.95	46.42
802.11ax HE80	MCS 4x1	SU	-	7025	7125	80.85	65.39
802.11ax HE80	MCS 11x1	26	0	7025	7125	71.79	48.43

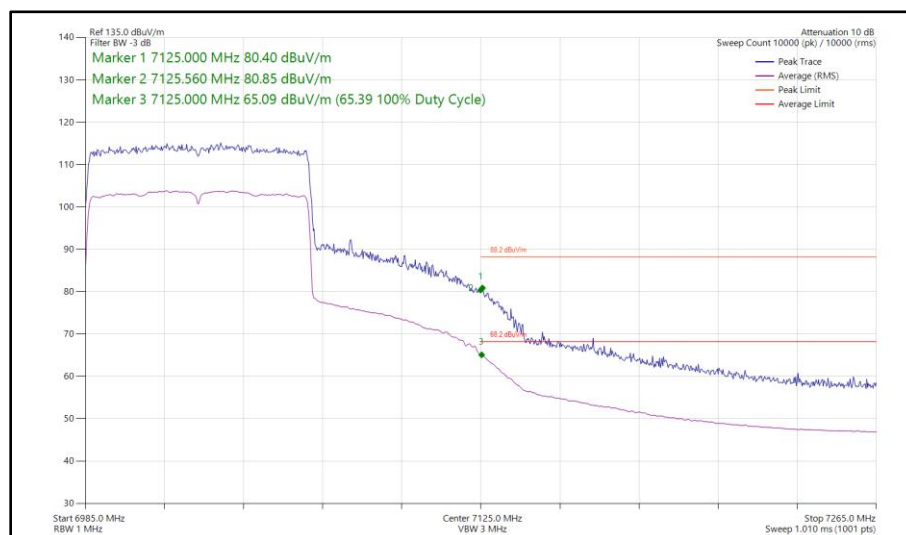
Table 228 - SISO Authorised Band Edge Results



**Figure 204 - 802.11ax HE80, SU, SISO, Core 1 - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 205 - 802.11ax HE80, RU 106-53, SISO, Core 1 - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 206 - 802.11ax HE80, SU, SISO, Core 1 - 7025 MHz
Band Edge Frequency 7125 MHz**

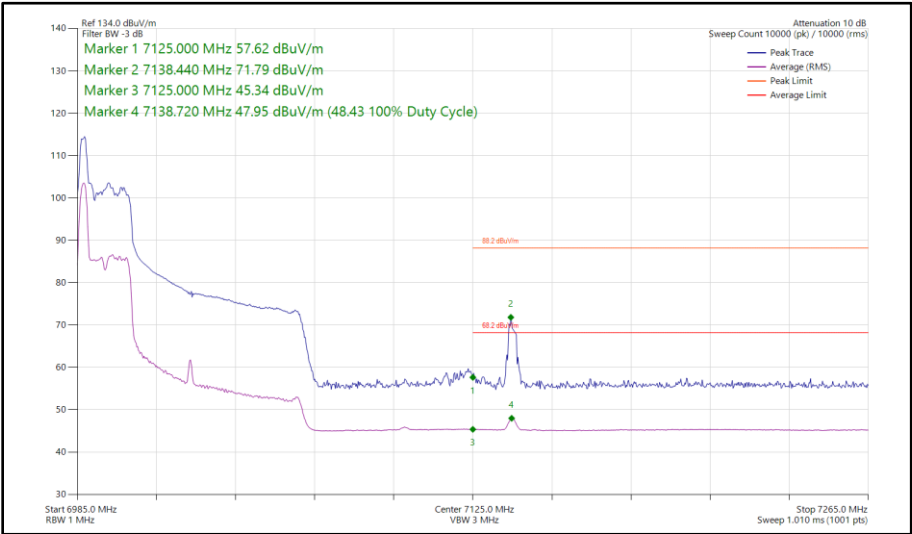


Figure 207 - 802.11ax HE80, RU 26-0, SISO, Core 1 - 7025 MHz
Band Edge Frequency 7125 MHz

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

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE80	MCS 4x1	SU	-	5985	5925	81.03	65.50
802.11ax HE80	MCS 11x1	106	53	5985	5925	59.79	48.08
802.11ax HE80	MCS 4x1	SU	-	7025	7125	81.82	65.59
802.11ax HE80	MCS 11x1	106	53	7025	7125	68.08	50.57

Table 229 - CDD Authorised Band Edge Results

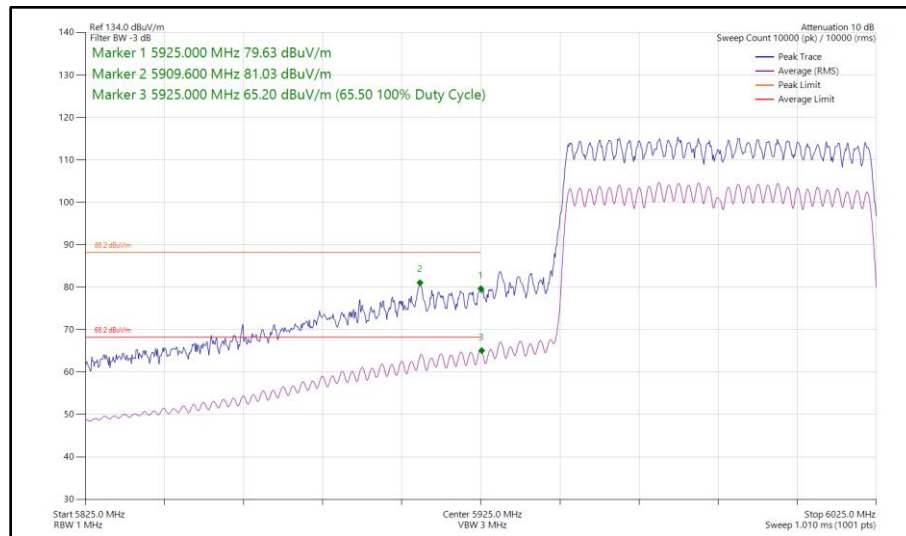
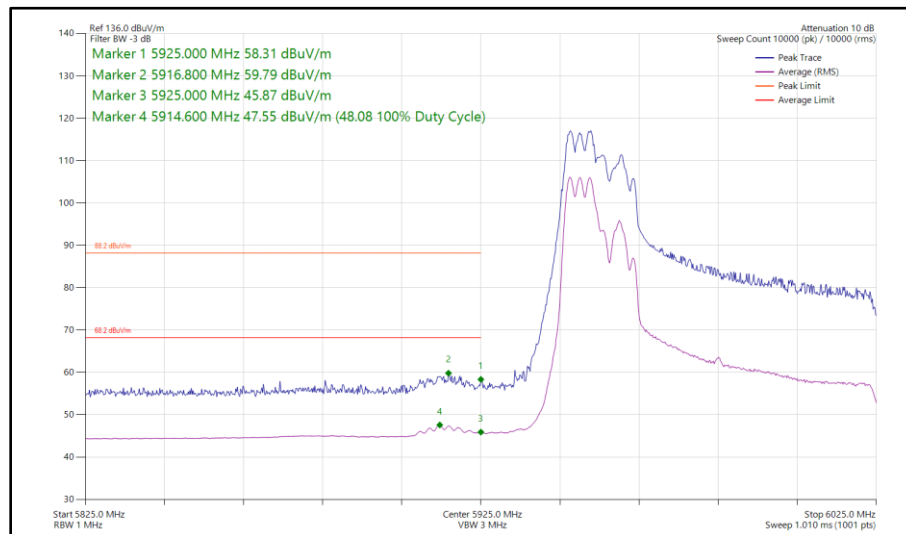
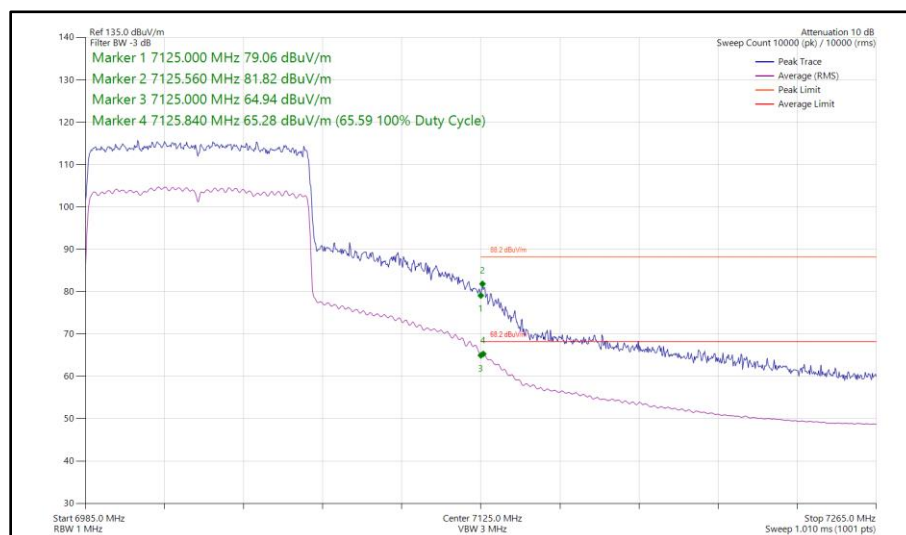


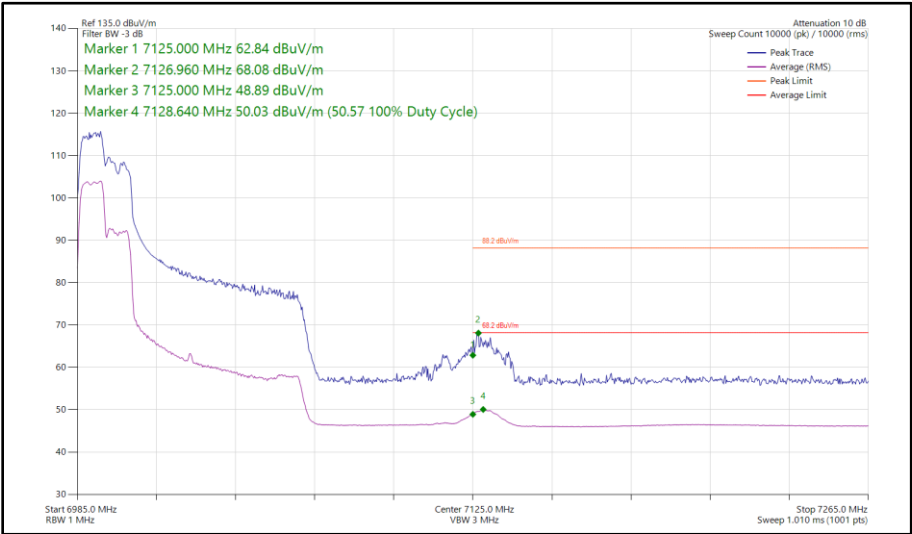
Figure 208 - 802.11ax HE80, SU, CDD, Core 0 - Core 1 - 5985 MHz
Band Edge Frequency 5925 MHz



**Figure 209 - 802.11ax HE80, RU 106-53, CDD, Core 0 - Core 1 - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 210 - 802.11ax HE80, SU, CDD, Core 0 - Core 1 - 7025 MHz
Band Edge Frequency 7125 MHz**



**Figure 211 - 802.11ax HE80, RU 106-53, CDD, Core 0 - Core 1 - 7025 MHz
Band Edge Frequency 7125 MHz**

80 MHz Bandwidth - Core 0 - Core 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	MCS 4x2	SU	-	5985	5925	79.72	65.42
802.11ax HE80	MCS 11x2	106	53	5985	5925	58.77	47.40
802.11ax HE80	MCS 11x2	SU	-	7025	7125	80.79	65.61
802.11ax HE80	MCS 11x2	26	0	7025	7125	68.25	48.40

Table 230 - SDM Authorised Band Edge Results

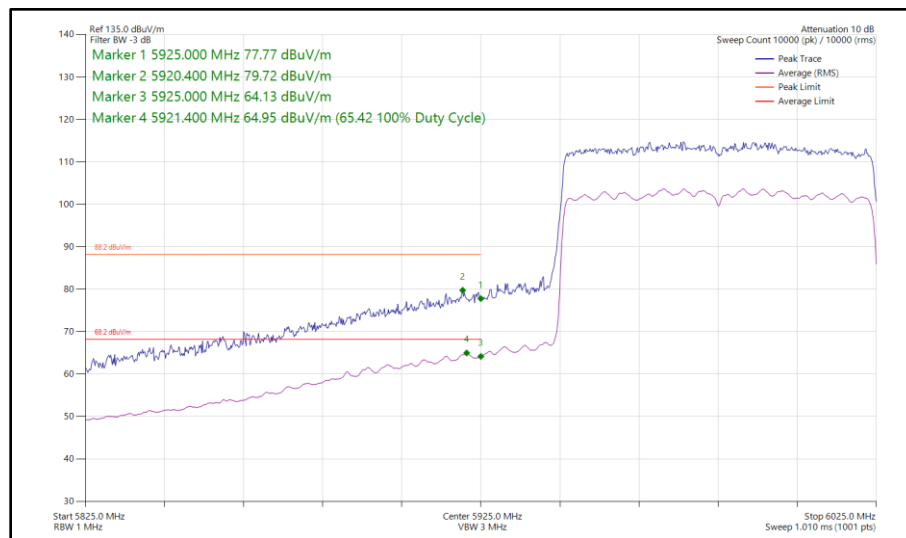
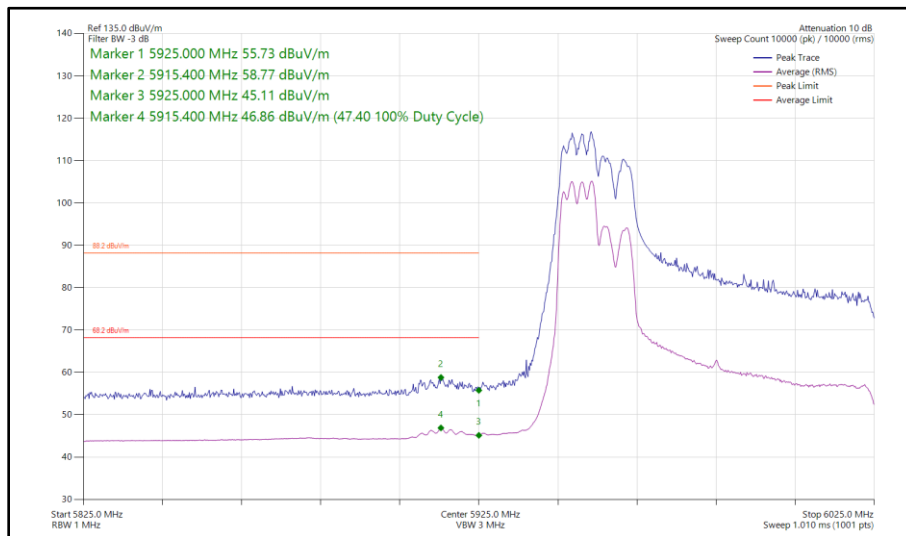
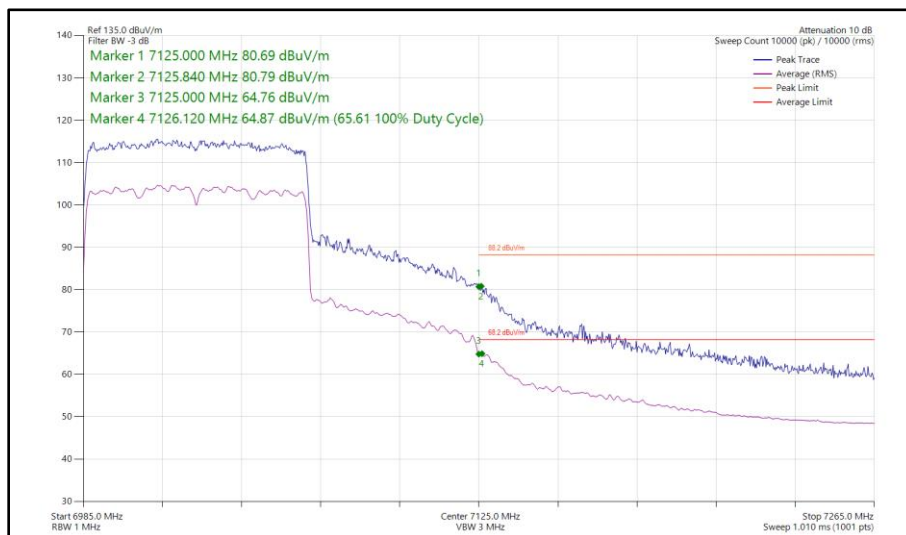


Figure 212 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 5985 MHz
Band Edge Frequency 5925 MHz



**Figure 213 - 802.11ax HE80, RU 106-53, SDM, Core 0 - Core 1 - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 214 - 802.11ax HE80, SU, SDM, Core 0 - Core 1 - 7025 MHz
Band Edge Frequency 7125 MHz**

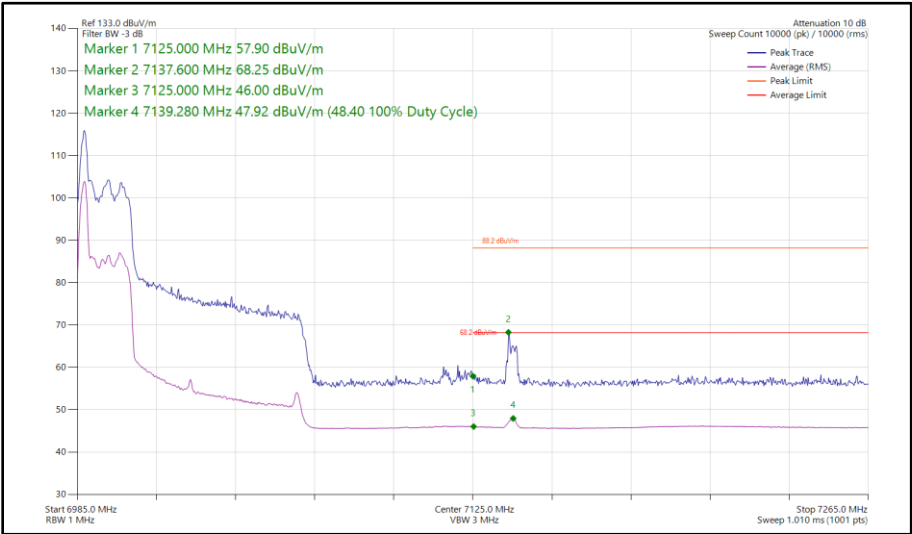


Figure 215 - 802.11ax HE80, RU 26-0, SDM, Core 0 - Core 1 - 7025 MHz
Band Edge Frequency 7125 MHz

80 MHz Bandwidth - Core 0 - Core 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	MCS 2x1	SU	-	5985	5925	80.52	65.65
802.11ax HE80	MCS 11x1	SU	-	6065	5925	70.33	55.50
802.11ax HE80	MCS 11x1	SU	-	6945	7125	60.55	47.86
802.11ax HE80	MCS 2x1	SU	-	7025	7125	79.61	62.74

Table 231 - TxBF Authorised Band Edge Results

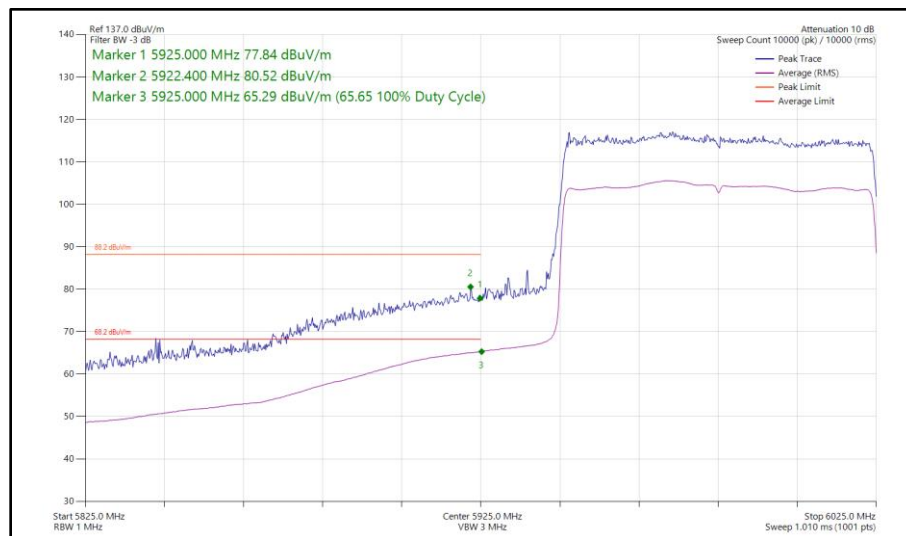


Figure 216 - 802.11ax HE80, SU, TxBF, Core 0 - Core 1 - 5985 MHz
Band Edge Frequency 5925 MHz

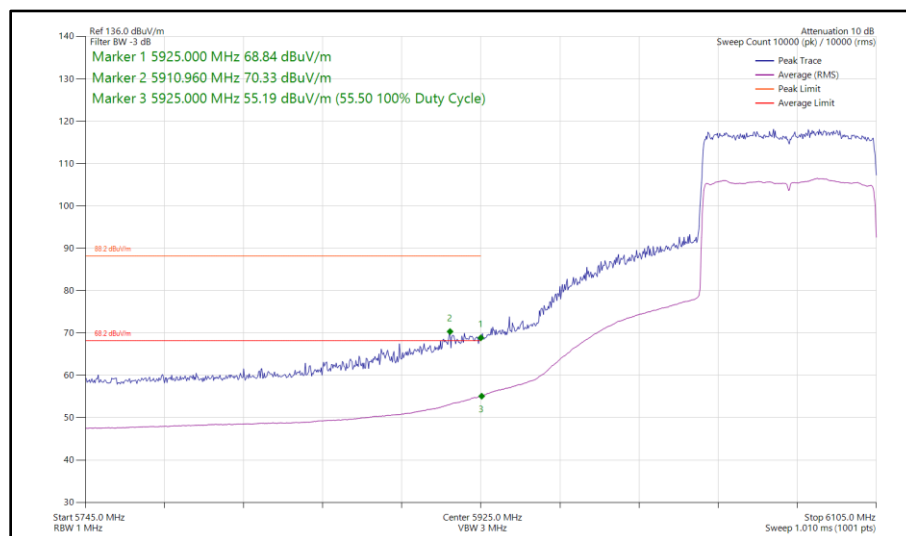
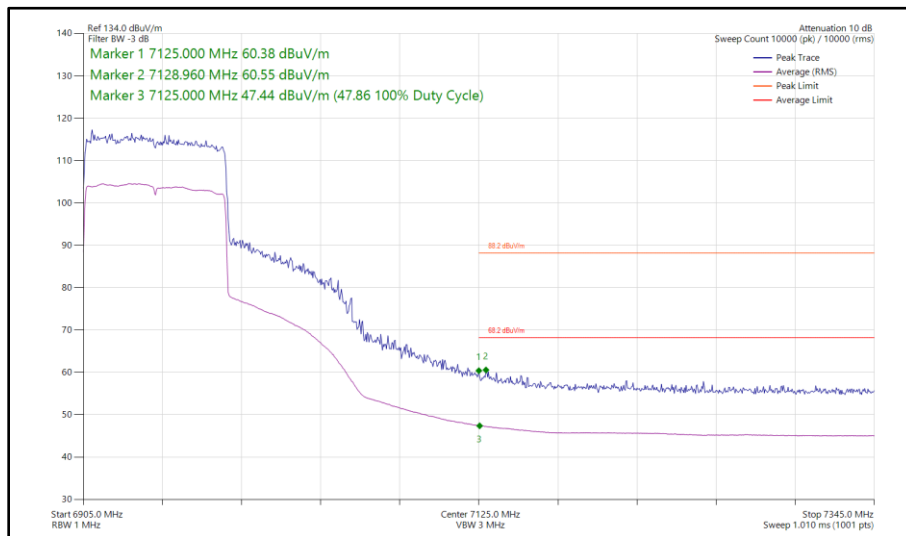
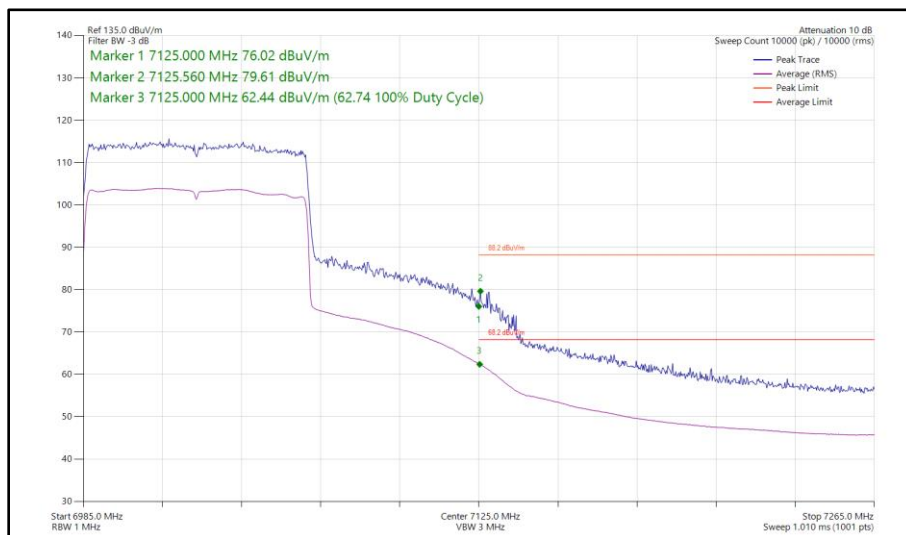


Figure 217 - 802.11ax HE80, SU, TxBF, Core 0 - Core 1 - 6065 MHz
Band Edge Frequency 5925 MHz



**Figure 218 - 802.11ax HE80, SU, TxBF, Core 0 - Core 1 - 6945 MHz
Band Edge Frequency 7125 MHz**

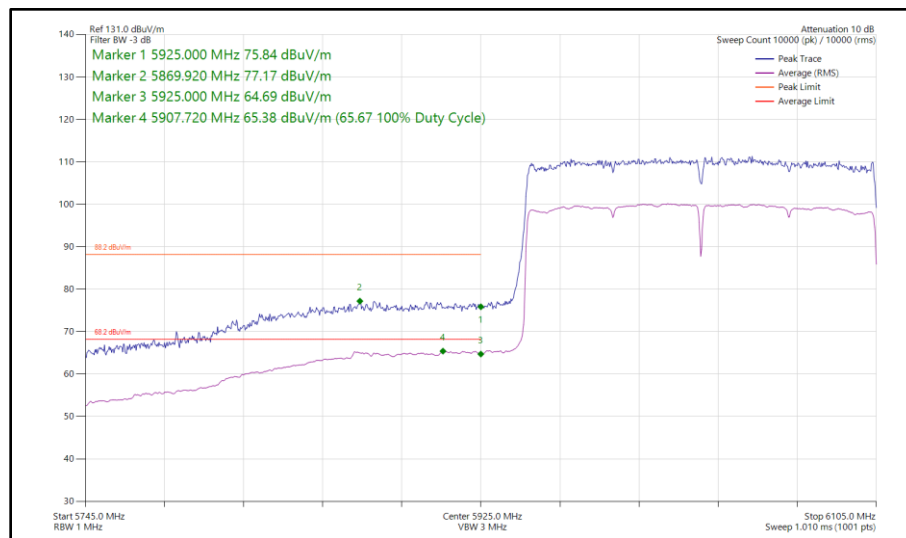


**Figure 219 - 802.11ax HE80, SU, TxBF, Core 0 - Core 1 - 7025 MHz
Band Edge Frequency 7125 MHz**

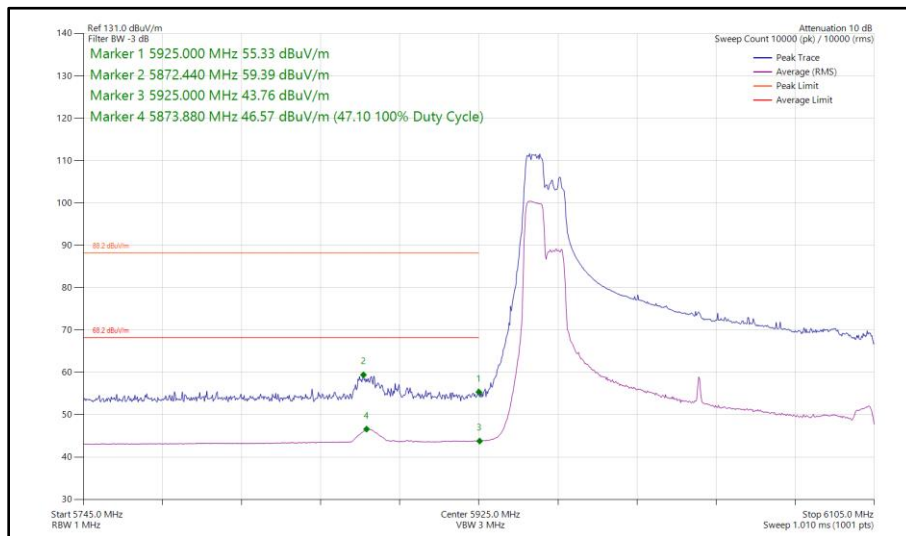
160 MHz Bandwidth - Core 0 (SISO)

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	MCS 2x1	SU	-	6025	5925	77.17	65.67
802.11ax HE160	MCS 11x1	106	53P	6025	5925	59.39	47.10
802.11ax HE160	MCS 4x1	SU	-	6985	7125	78.53	65.65
802.11ax HE160	MCS 11x1	106	53P	6985	7125	60.40	47.51

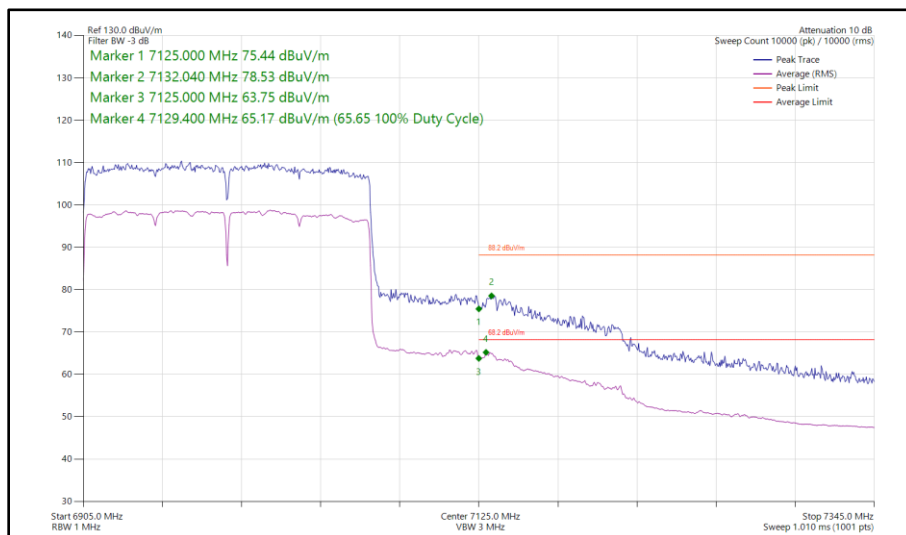
Table 232 - SISO Authorised Band Edge Results



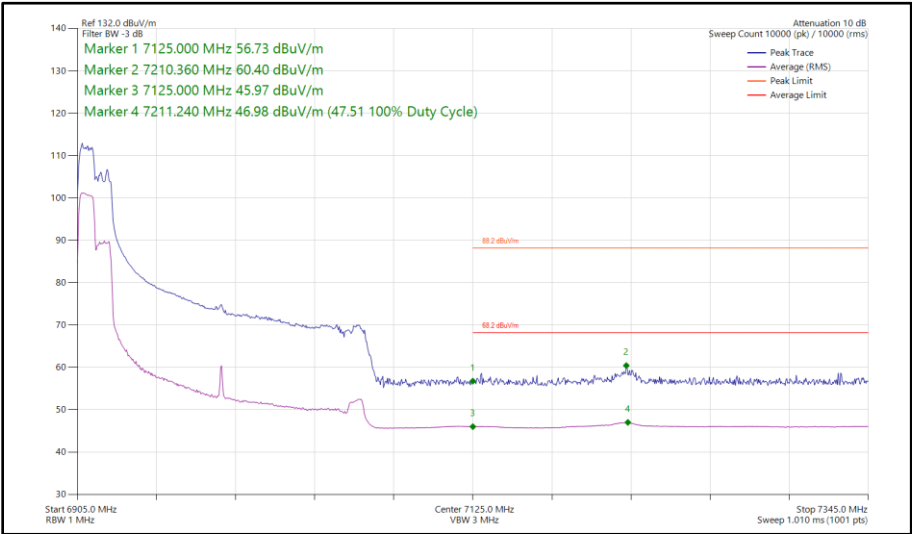
**Figure 220 - 802.11ax HE160, SU, SISO, Core 0 - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 221 - 802.11ax HE160, RU 106-53P, SISO, Core 0 - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 222 - 802.11ax HE160, SU, SISO, Core 0 - 6985 MHz
Band Edge Frequency 7125 MHz**

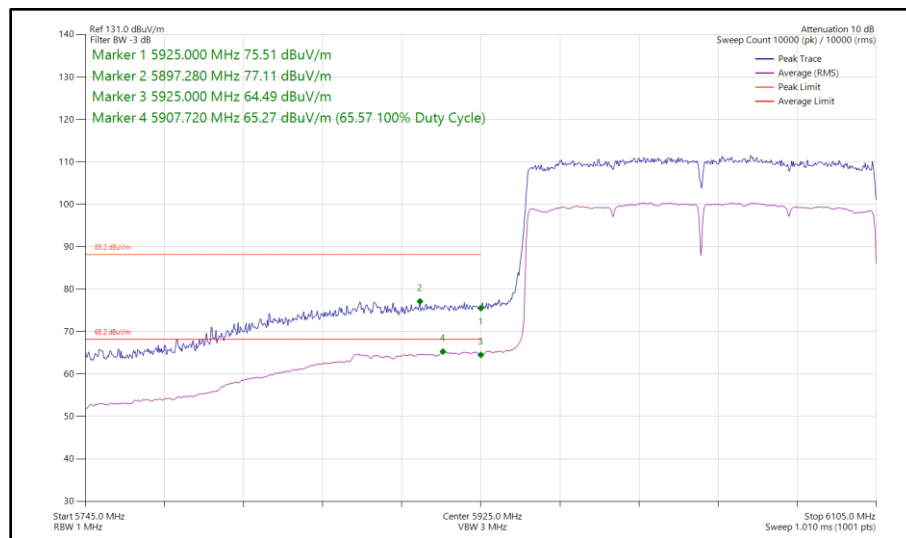


**Figure 223 - 802.11ax HE160, RU 106-53P, SISO, Core 0 - 6985 MHz
Band Edge Frequency 7125 MHz**

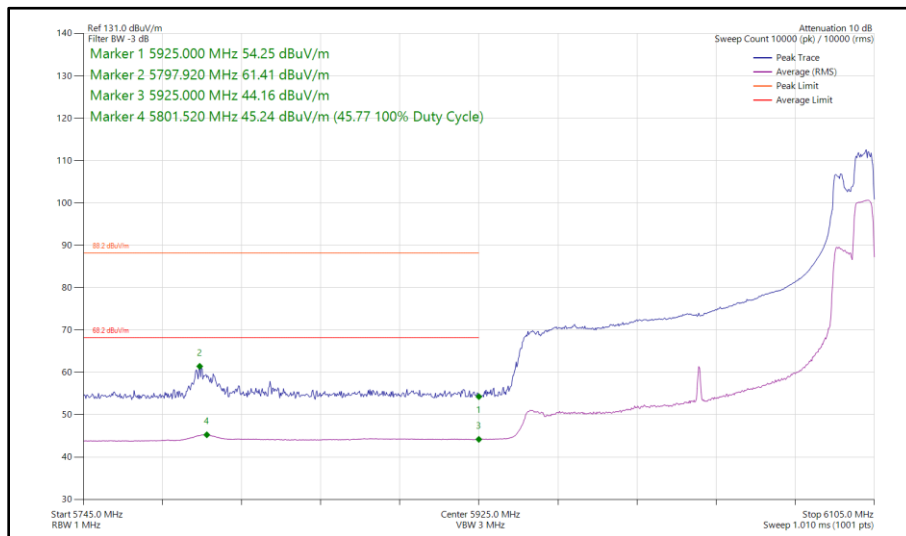
160 MHz Bandwidth - Core 1 (SISO)

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	MCS 2x1	SU	-	6025	5925	77.11	65.57
802.11ax HE160	MCS 11x1	106	60S	6025	5925	61.41	45.77
802.11ax HE160	MCS 2x1	SU	-	6985	7125	77.92	65.69
802.11ax HE160	MCS 11x1	106	53P	6985	7125	60.22	47.51

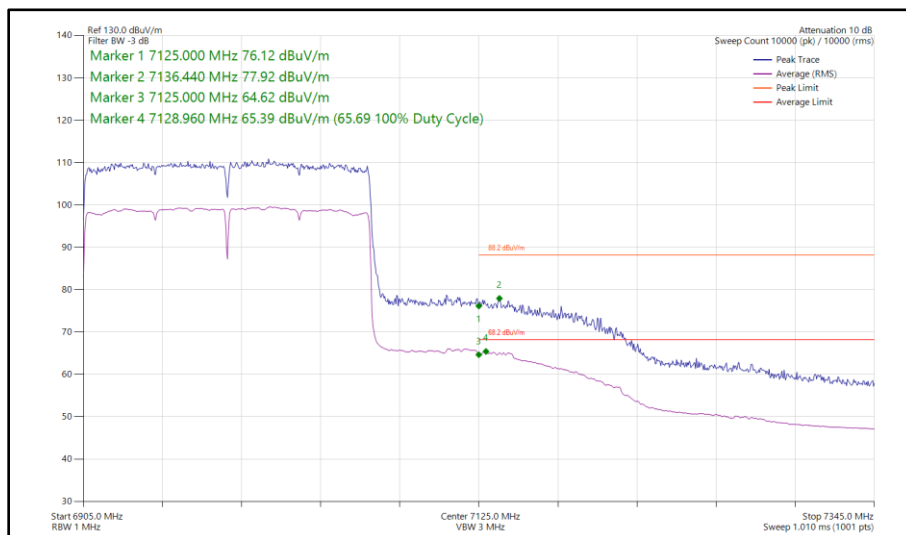
Table 233 - SISO Authorised Band Edge Results



**Figure 224 - 802.11ax HE160, SU, SISO, Core 1 - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 225 - 802.11ax HE160, RU 106-60S, SISO, Core 1 - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 226 - 802.11ax HE160, SU, SISO, Core 1 - 6985 MHz
Band Edge Frequency 7125 MHz**

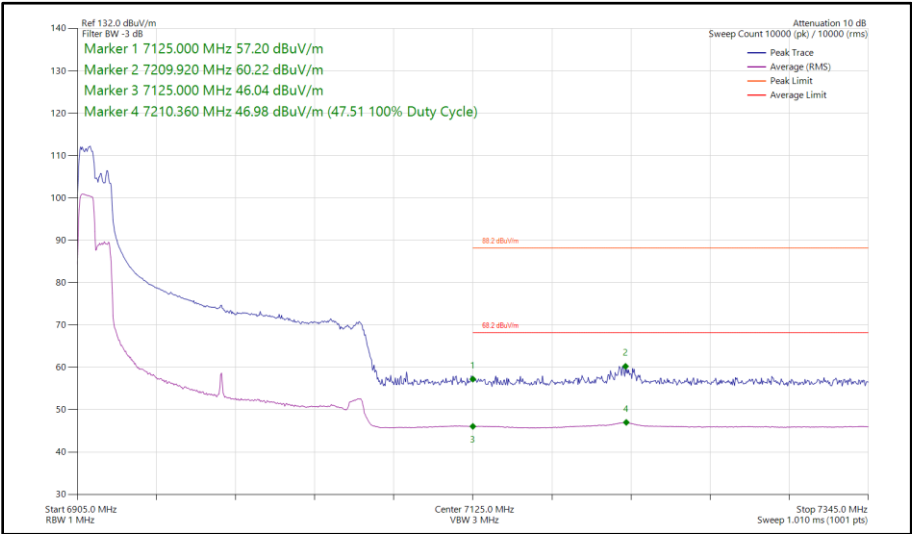
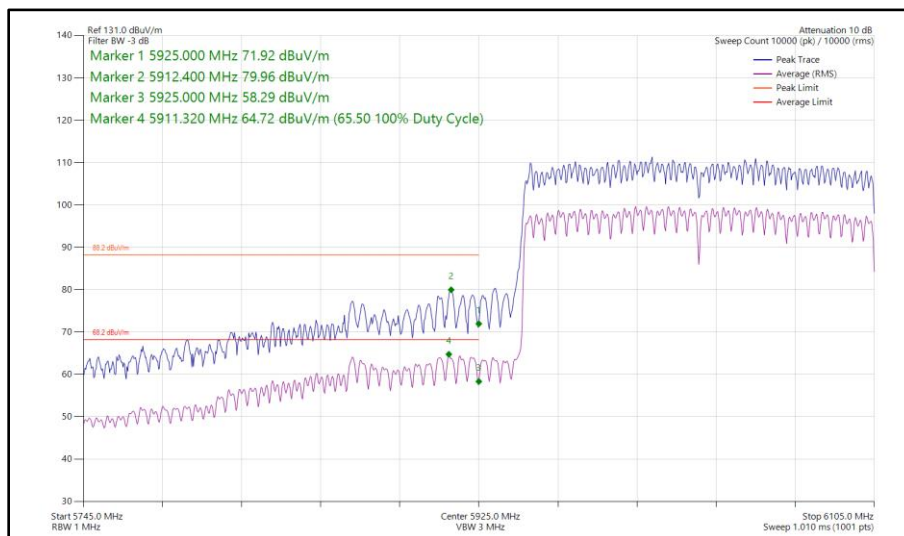


Figure 227 - 802.11ax HE160, RU 106-53P, SISO, Core 1 - 6985 MHz
Band Edge Frequency 7125 MHz

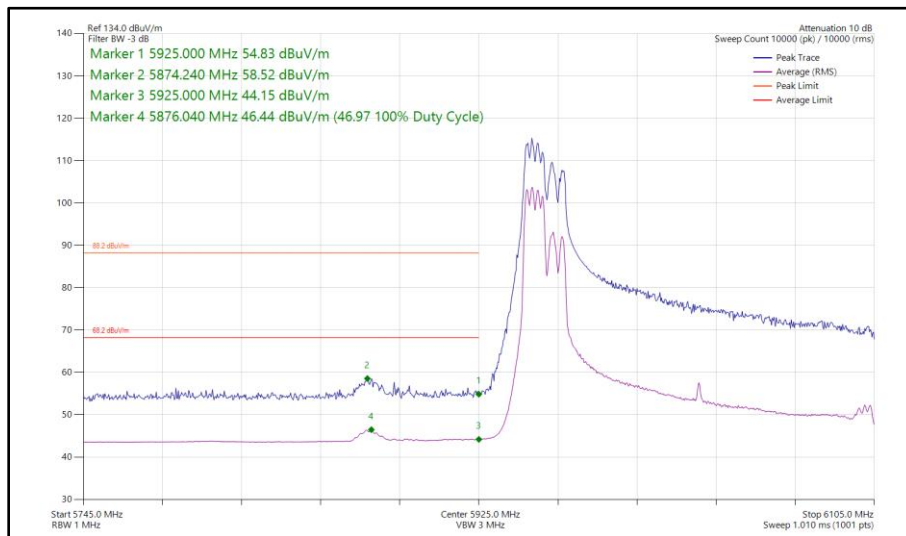
160 MHz Bandwidth - Core 0 - Core 1 (CDD)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)	Average Level (dBμV/m)
802.11ax HE160	MCS 11x1	SU	-	6025	5925	79.96	65.50
802.11ax HE160	MCS 11x1	106	53P	6025	5925	58.52	46.97
802.11ax HE160	MCS 11x1	SU	-	6185	5925	71.04	57.72
802.11ax HE160	MCS 11x1	SU	-	6985	7125	81.05	65.39
802.11ax HE160	MCS 11x1	106	60S	6985	7125	59.36	47.97

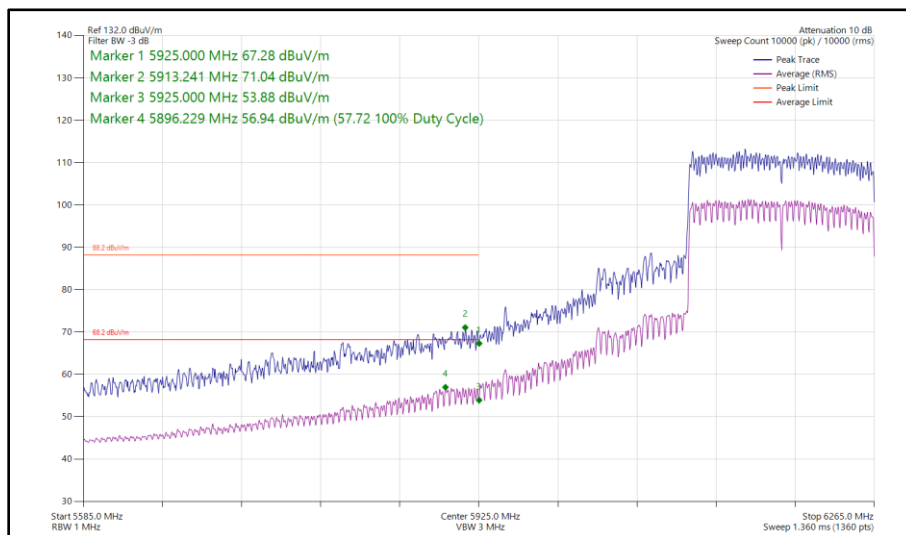
Table 234 - CDD Authorised Band Edge Results



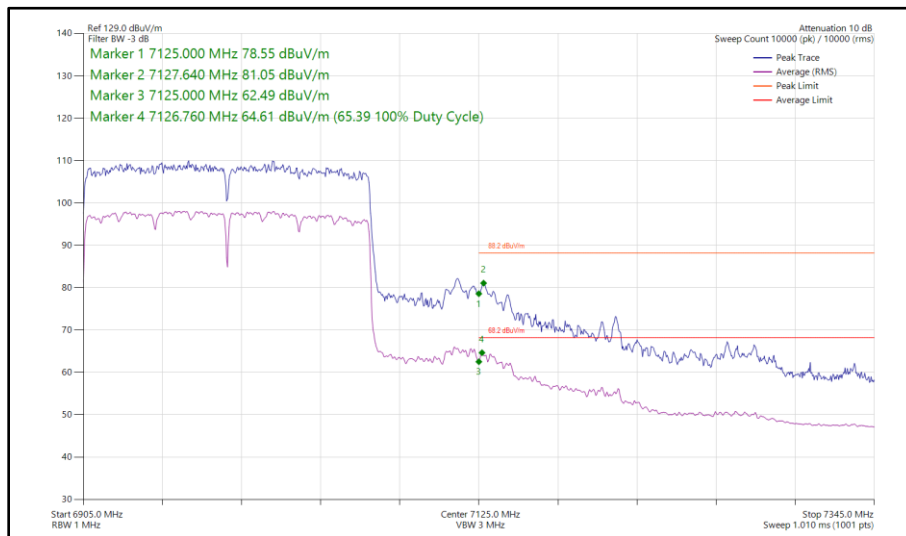
**Figure 228 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 6025 MHz
Band Edge Frequency 5925 MHz**



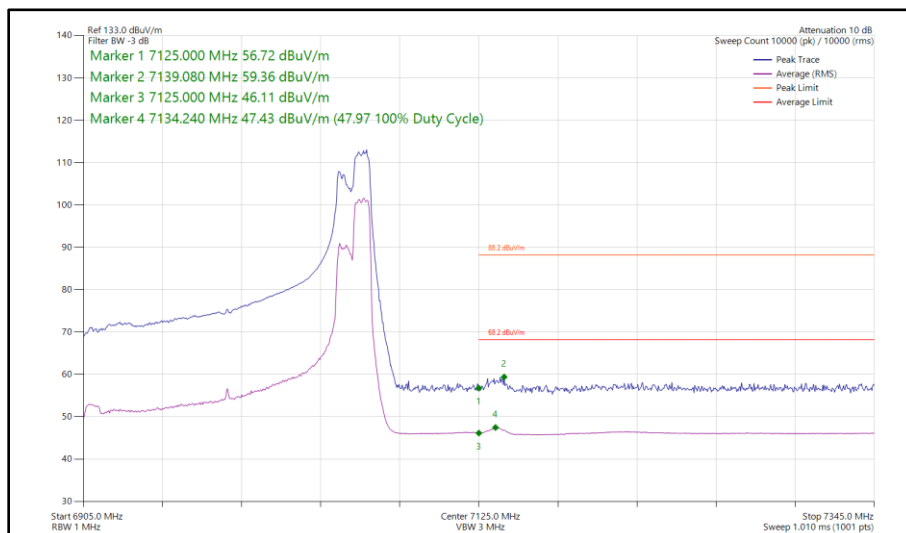
**Figure 229 - 802.11ax HE160, RU 106-53P, CDD, Core 0 - Core 1 - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 230 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 6185 MHz
Band Edge Frequency 5925 MHz**



**Figure 231 - 802.11ax HE160, SU, CDD, Core 0 - Core 1 - 6985 MHz
Band Edge Frequency 7125 MHz**

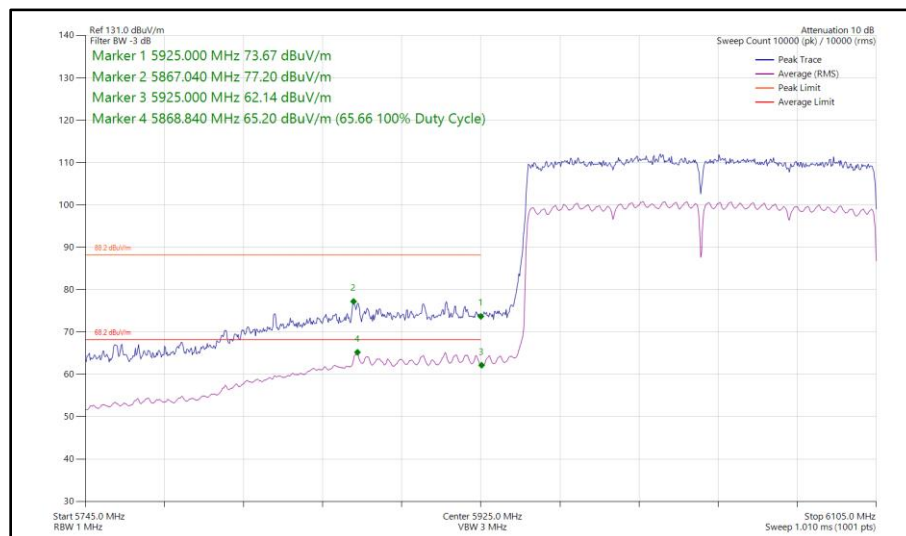


**Figure 232 - 802.11ax HE160, RU 106-60S, CDD, Core 0 - Core 1 - 6985 MHz
Band Edge Frequency 7125 MHz**

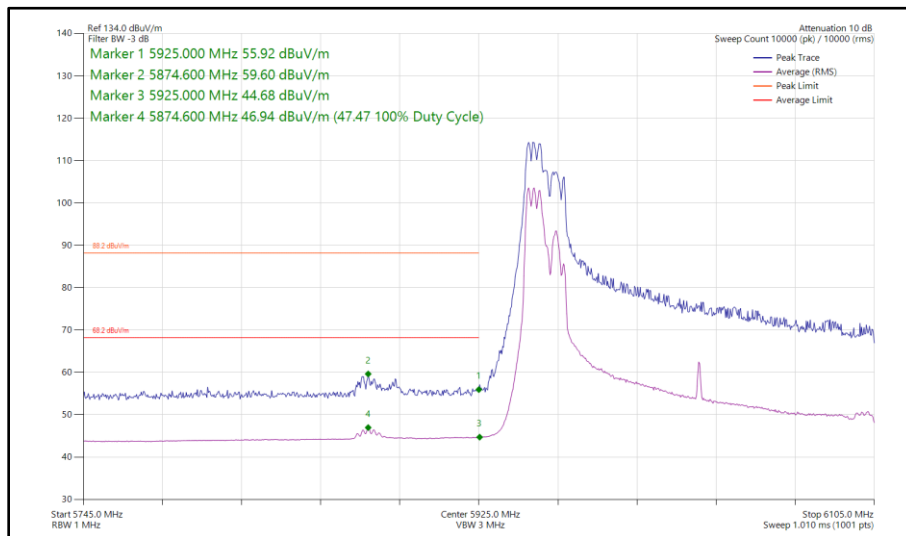
160 MHz Bandwidth - Core 0 - Core 1 (SDM)

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	MCS 2x2	SU	-	6025	5925	77.20	65.66
802.11ax HE160	MCS 11x2	106	53P	6025	5925	59.60	47.47
802.11ax HE160	MCS 11x2	SU	-	6185	5925	71.06	58.64
802.11ax HE160	MCS 4x2	SU	-	6985	7125	80.52	65.65
802.11ax HE160	MCS 11x2	106	60S	6985	7125	59.23	47.57

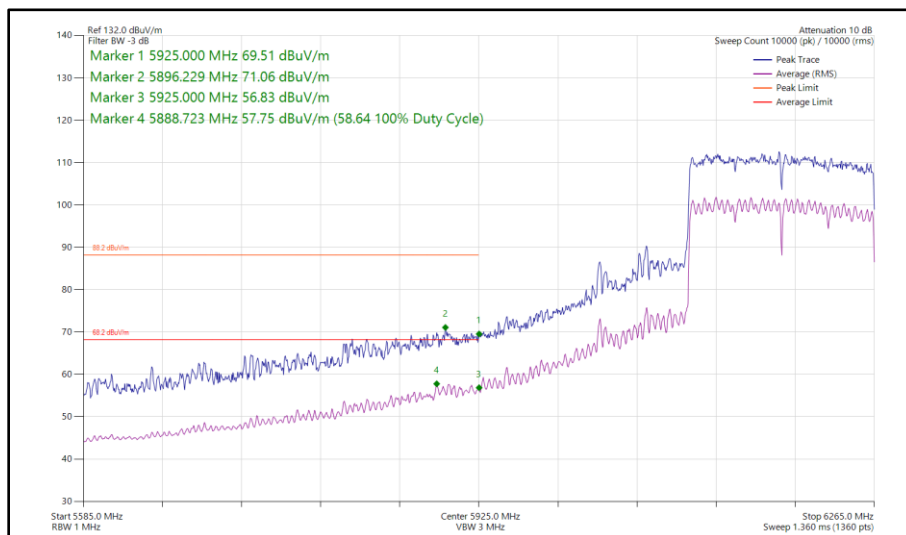
Table 235 - SDM Authorised Band Edge Results



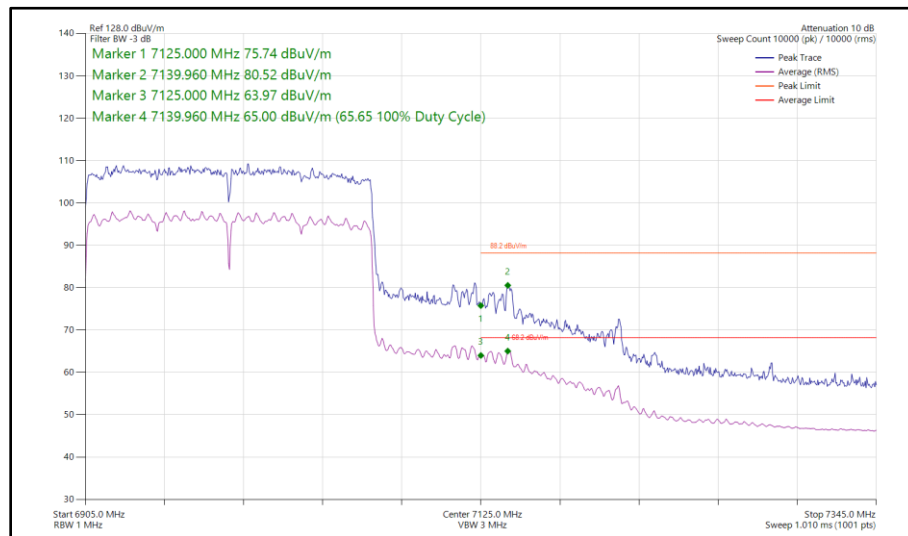
**Figure 233 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 6025 MHz
Band Edge Frequency 5925 MHz**



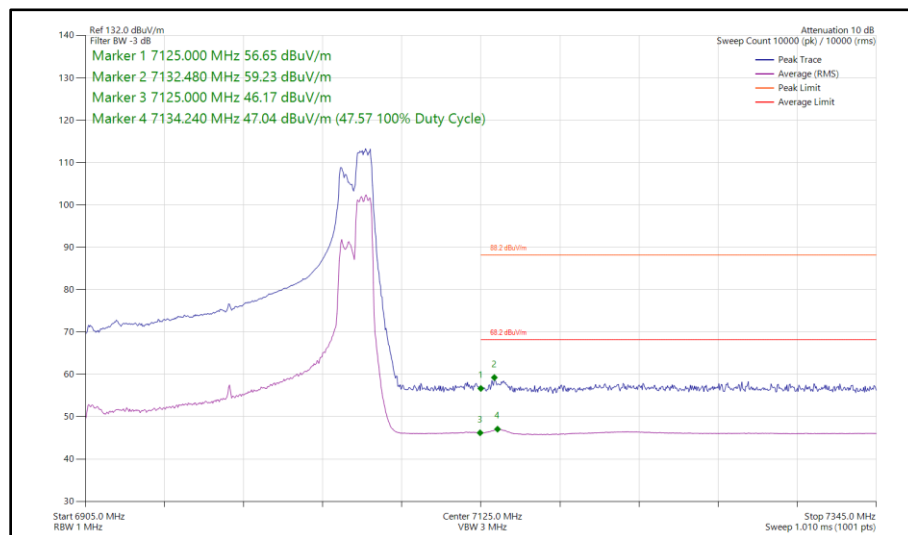
**Figure 234 - 802.11ax HE160, RU 106-53P, SDM, Core 0 - Core 1 - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 235 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 6185 MHz
Band Edge Frequency 5925 MHz**



**Figure 236 - 802.11ax HE160, SU, SDM, Core 0 - Core 1 - 6985 MHz
Band Edge Frequency 7125 MHz**



**Figure 237 - 802.11ax HE160, RU 106-60S, SDM, Core 0 - Core 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 4.6.2(a)

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



2.5.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14 and RF Chamber 15.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.4.2	5125	-	Software
Antenna (DRG, 1 GHz to 10.5 GHz)	Schwarzbeck	BBHA9120B	5215	12	14-Jul-2025
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	O/P Mon
1500W (300V 12A) AC Power Supply	iTech	IT7324	5956	-	O/P Mon
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 14	5958	36	26-Apr-2025
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5959	-	TU
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5960	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5961	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5962	-	TU
5m Semi-Anechoic Chamber (Dual-Axis), Chamber 15	Albatross Projects	RF Chamber 15	5963	36	28-Apr-2025
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5964	-	TU
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5966	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5967	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5968	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6007	12	20-May-2025
Horn Antenna (1-10.5 GHz)	Schwarzbeck	BBHA9120B	6140	12	05-May-2025
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6141	12	05-May-2025
Digital Multimeter	Fluke	115	6146	12	06-Jun-2025
Digital Multimeter	Fluke	115	6147	12	06-Jun-2025
Humidity & Temperature meter	R.S Components	1364	6149	12	12-Aug-2025
SAC Switch Unit	TUV SUD	TUV_SSU_001	6190	12	22-Dec-2024
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	18-Dec-2024
USB Spectrum Analyser	Signal Hound	SA124B	6296	-	TU
USB Spectrum Analyser	Signal Hound	SA124B	6297	-	TU
EMC Test Receiver	Rohde & Schwarz	ESW44	6333	12	16-Feb-2025
Humidity and Temperature Meter	R.S Components	1364	6346	12	06-Mar-2025
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6740	12	01-Feb-2025
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6741	12	01-Feb-2025
6.5m Cable	Junkosha	MWX221-06500AMSAMS/B	6744	12	01-Feb-2025
EMI Test Receiver	Rohde & Schwarz	ESW44	6805	12	29-May-2025



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
1M SMA Cable	Junkosha	MWX221-01000AMSAMS/B	6832	12	14-Aug-2025
8M SMA Cable	Junkosha	MWX221-08000AMSAMS/B	6834	12	14-Aug-2025
Cable Assembly	SpecTech	PE300-60	6856	-	TU
Cable Assembly	SpecTech	PE300-60	6866	-	TU
Cable Assembly	SpecTech	PE300-60	6867	-	TU
Cable Assembly	SpecTech	PE300-60	6868	-	TU

Table 236

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



2.6 Spurious Radiated Emissions

2.6.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.209 and 15.407 (b)
ISED RSS-248, Clause 4.6
ISED RSS-GEN, Clause 6.13 and 8.9

2.6.2 Equipment Under Test and Modification State

A3241, S/N: K2K9N270NG - Modification State 0
A3241, S/N: DT7LYX5QXT - Modification State 0

2.6.3 Date of Test

09-October-2024 to 17-November-2024

2.6.4 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 channels 45 (6175 MHz), 105 (6475 MHz), 149 (6695 MHz), and 209 (6995 MHz).

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

All testing was performed using the lowest data rate/modulation scheme for the applicable mode.

Plots for average measurements were taken in accordance with ANSI C63.10, clause 12.7.7.2 with max-hold trace to characterize the EUT. Where emissions were detected, final average measurements were taken in accordance with ANSI C63.10, clause 12.7.7.2 using an average trace.

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 RMS EIRP and -7dBm/MHz Peak 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

2.6.5 Example Test Setup Diagram

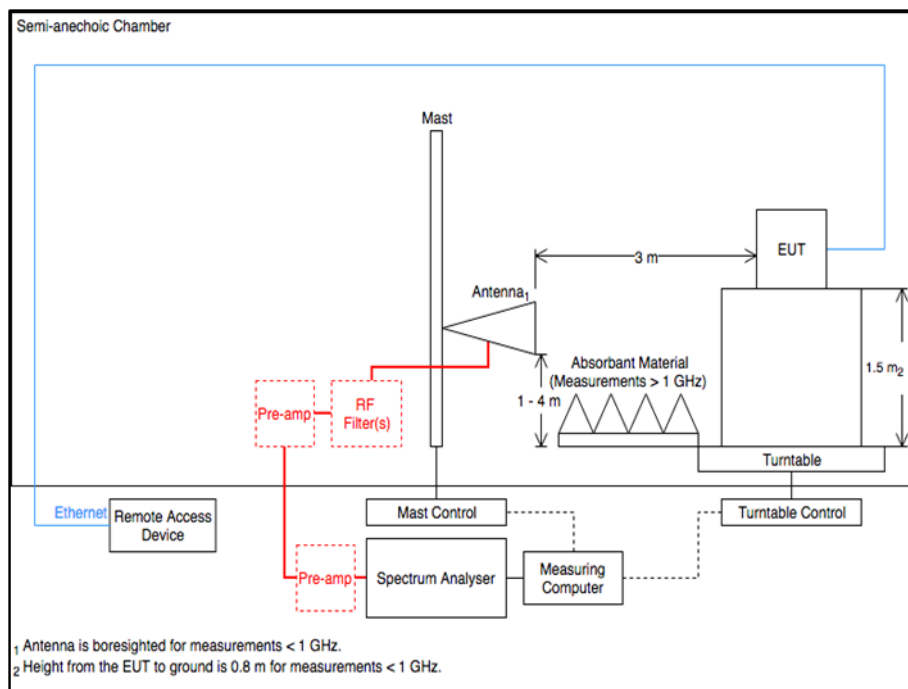


Figure 238 - Radiated Emissions Test Setup Diagram

2.6.6 Environmental Conditions

Ambient Temperature	21.8 – 23.4 °C
Relative Humidity	42.8 - 50.7 %

2.6.7 Test Results

6 GHz WLAN

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5456.517	36.80	54.00	-17.20	RMS	297	393	Horizontal
5459.920	40.05	54.00	-13.95	RMS	343	281	Vertical
5904.796	50.20	68.20	-18.00	RMS	331	247	Vertical
11910.070	36.76	54.00	-17.24	RMS	329	215	Vertical
17864.800	39.57	54.00	-14.43	RMS	303	347	Vertical
17864.990	38.32	54.00	-15.68	RMS	272	307	Horizontal

Table 237 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

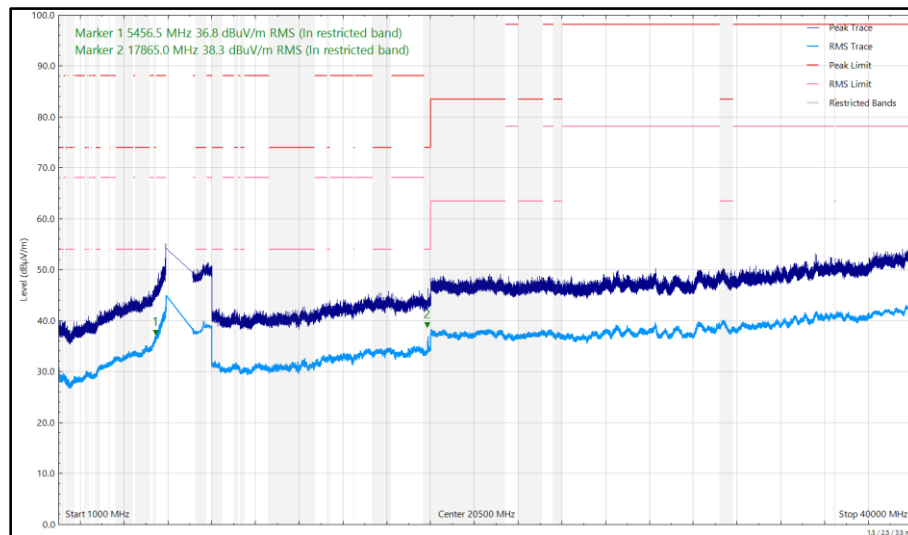


Figure 239 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

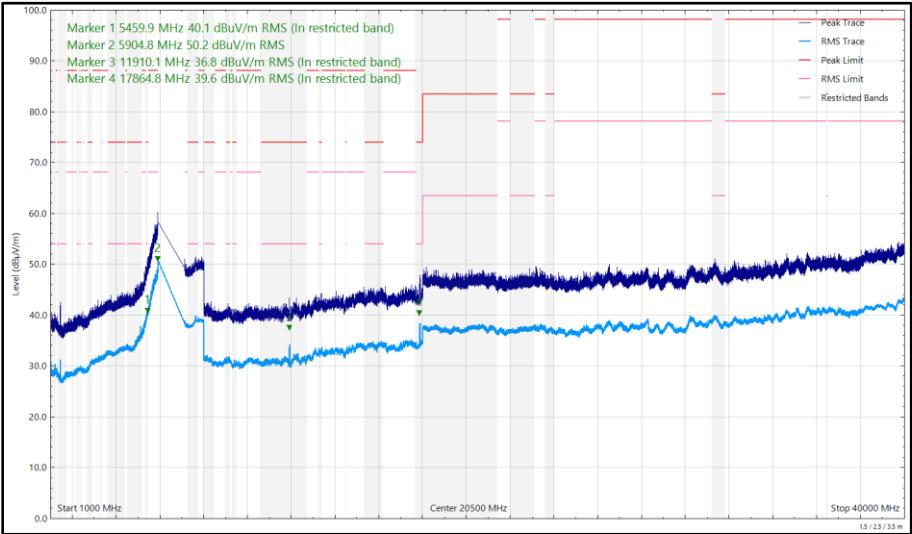


Figure 240 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
32.531	34.27	40.00	-5.73	Q-Peak	343	100	Vertical
32.565	20.42	40.00	-19.58	Q-Peak	353	400	Horizontal
101.714	34.28	43.50	-9.22	Q-Peak	5	294	Horizontal
114.403	36.50	43.50	-7.00	Q-Peak	101	100	Vertical
114.636	30.14	43.50	-13.36	Q-Peak	327	275	Horizontal
171.906	27.17	43.50	-16.33	Q-Peak	0	255	Horizontal
173.041	26.85	43.50	-16.65	Q-Peak	221	107	Vertical
246.128	27.35	46.00	-18.65	Q-Peak	355	128	Horizontal
333.293	30.37	46.00	-15.63	Q-Peak	88	100	Horizontal
400.412	26.31	46.00	-19.69	Q-Peak	329	102	Horizontal
5441.409	34.81	54.00	-19.19	RMS	32	244	Horizontal
5457.968	39.34	54.00	-14.66	RMS	333	297	Vertical
8233.380	39.10	54.00	-14.90	RMS	328	259	Vertical

Table 238 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

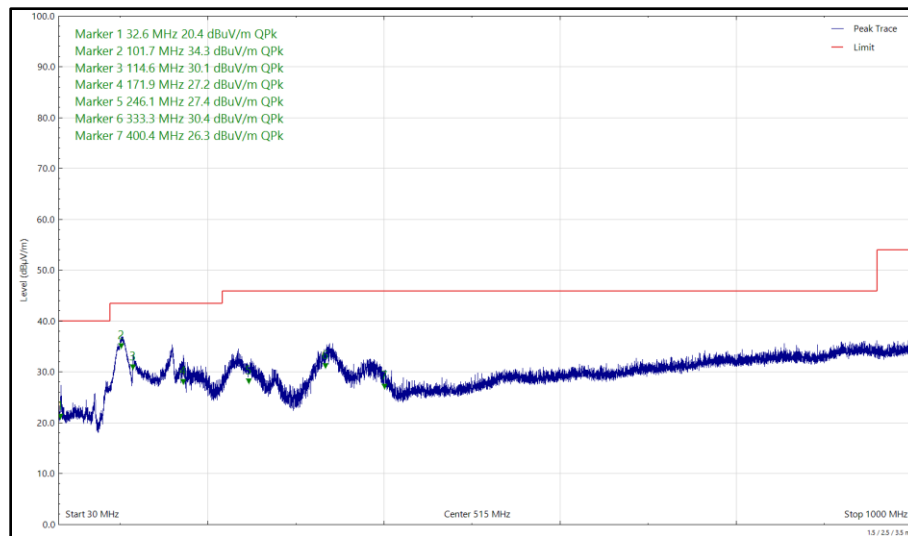


Figure 241 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

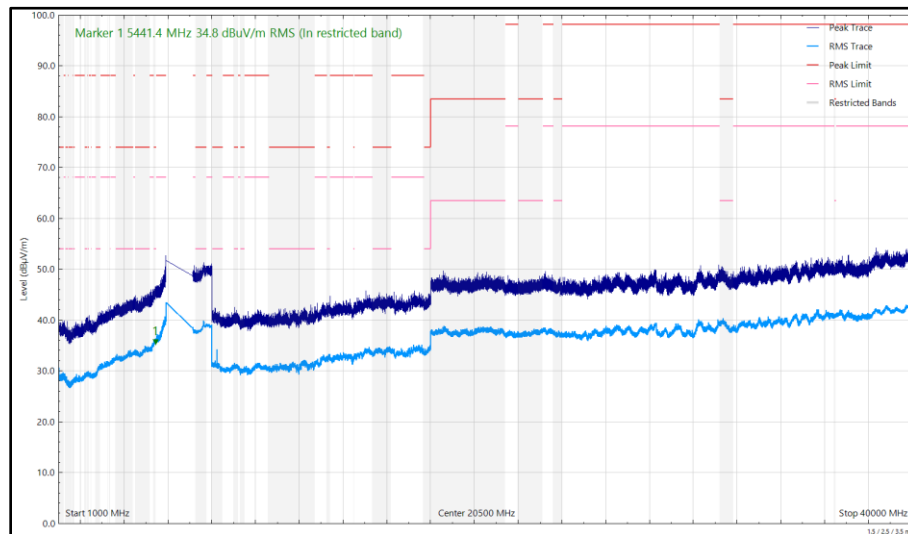


Figure 242 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

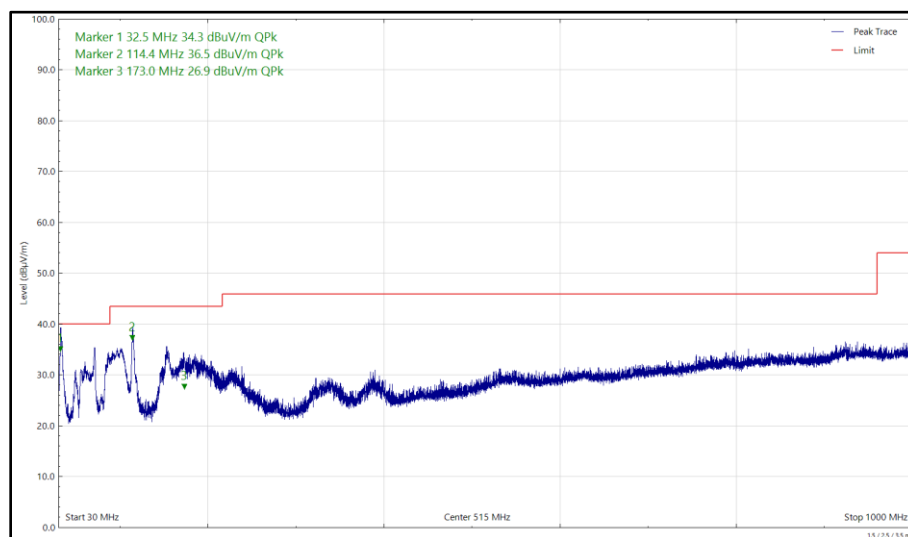


Figure 243 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

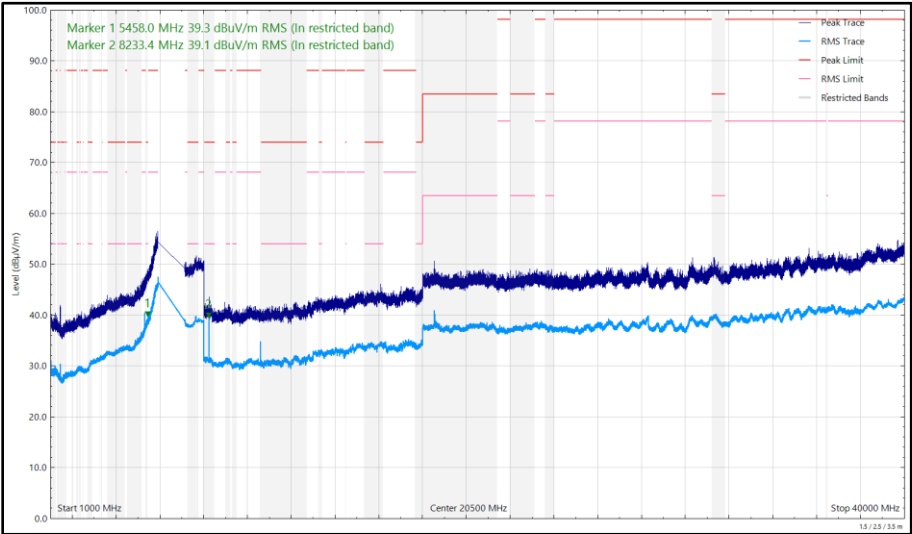


Figure 244 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5429.013	35.09	54.00	-18.91	RMS	98	399	Horizontal
5434.518	37.35	54.00	-16.65	RMS	345	261	Vertical
7331.300	39.02	54.00	-14.98	RMS	309	211	Vertical
19243.405	45.29	63.50	-18.21	RMS	212	100	Vertical

Table 239 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

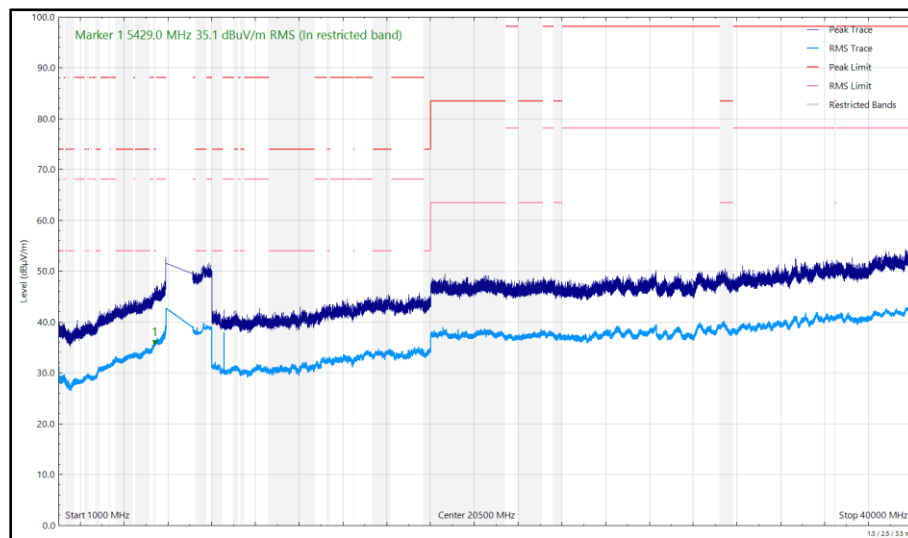


Figure 245 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

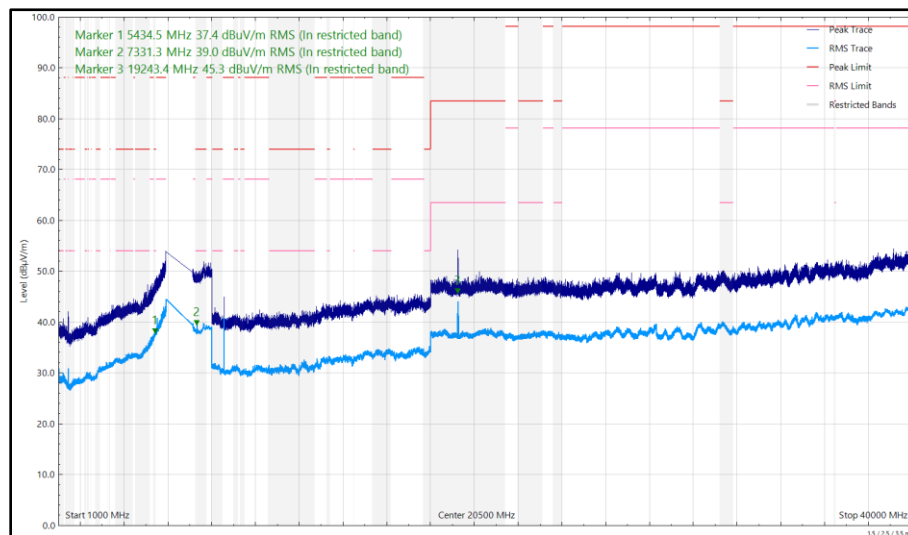


Figure 246 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5438.403	37.24	54.00	-16.76	RMS	346	297	Vertical
5440.373	35.26	54.00	-18.74	RMS	77	390	Horizontal
7352.452	37.09	54.00	-16.91	RMS	126	191	Vertical
19303.325	45.02	63.50	-18.48	RMS	211	100	Vertical

Table 240 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

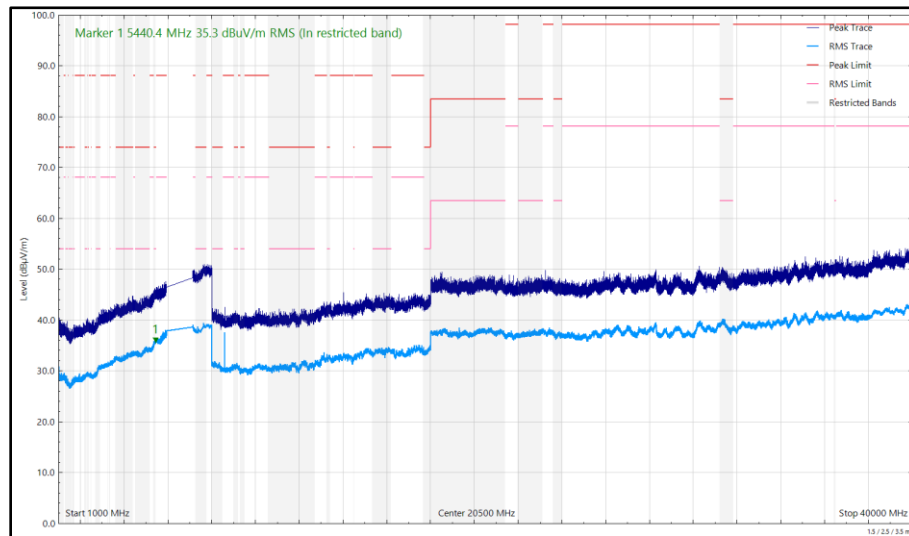


Figure 247 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

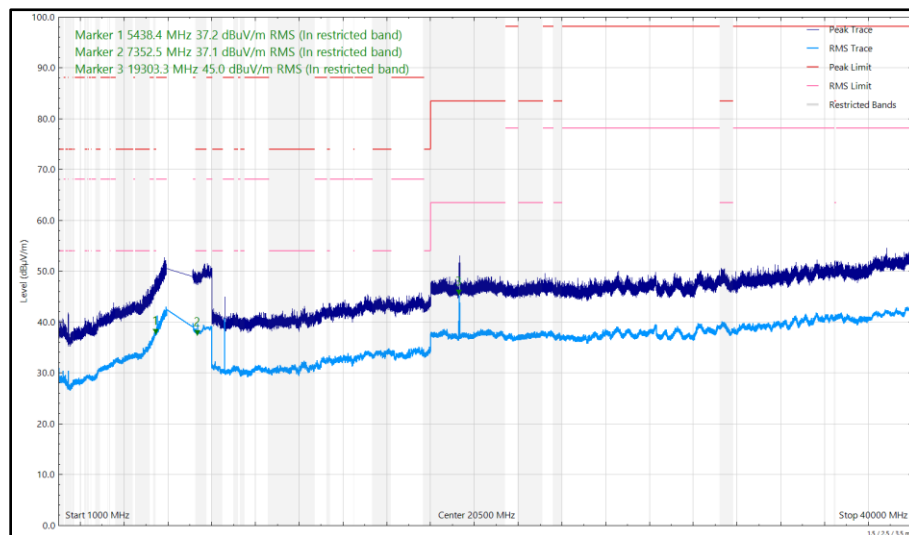


Figure 248 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
32.519	35.51	40.00	-4.49	Q-Peak	0	100	Vertical
37.884	20.38	40.00	-19.62	Q-Peak	314	389	Horizontal
102.418	34.82	43.50	-8.68	Q-Peak	360	298	Horizontal
114.793	35.63	43.50	-7.87	Q-Peak	103	105	Vertical
172.651	27.20	43.50	-16.30	Q-Peak	2	261	Horizontal
172.667	26.35	43.50	-17.15	Q-Peak	216	100	Vertical
250.057	26.84	46.00	-19.16	Q-Peak	350	108	Horizontal
330.916	29.55	46.00	-16.45	Q-Peak	87	103	Horizontal
334.294	24.20	46.00	-21.80	Q-Peak	18	263	Vertical
5433.869	34.61	54.00	-19.39	RMS	114	136	Horizontal
5455.606	37.93	54.00	-16.07	RMS	325	273	Vertical
19428.574	45.43	63.50	-18.07	RMS	211	100	Vertical

Table 241 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

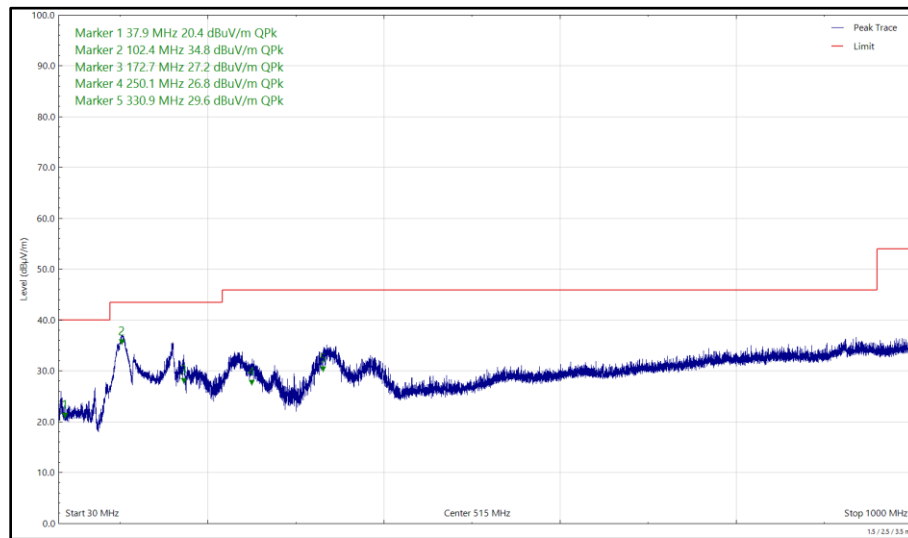


Figure 249 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

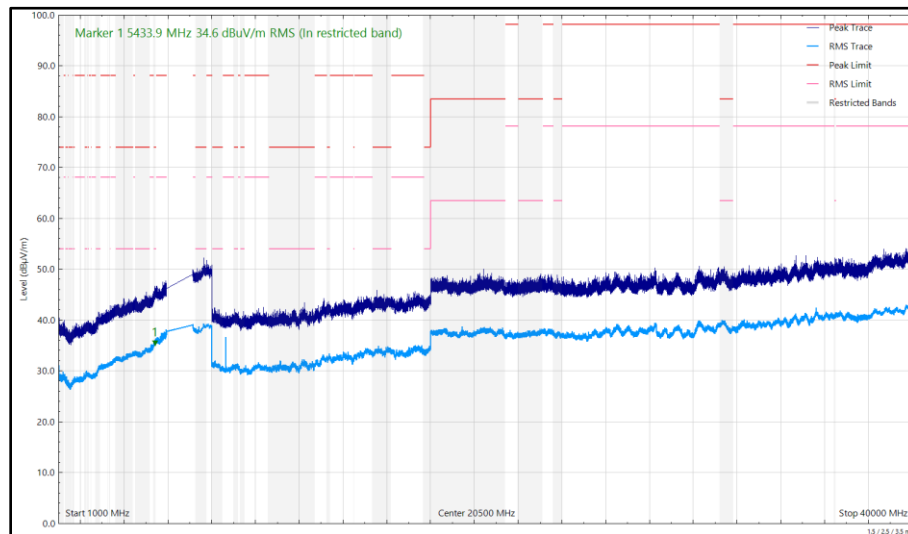


Figure 250 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

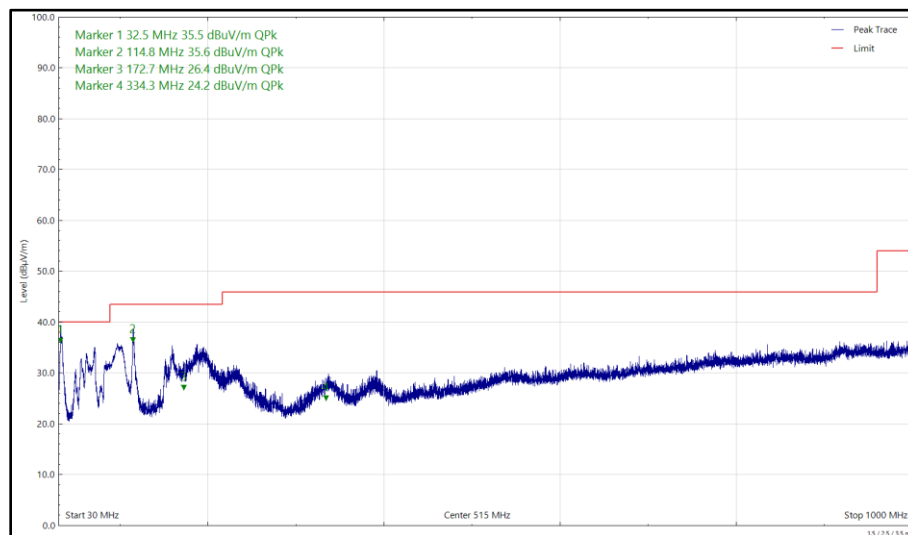


Figure 251 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

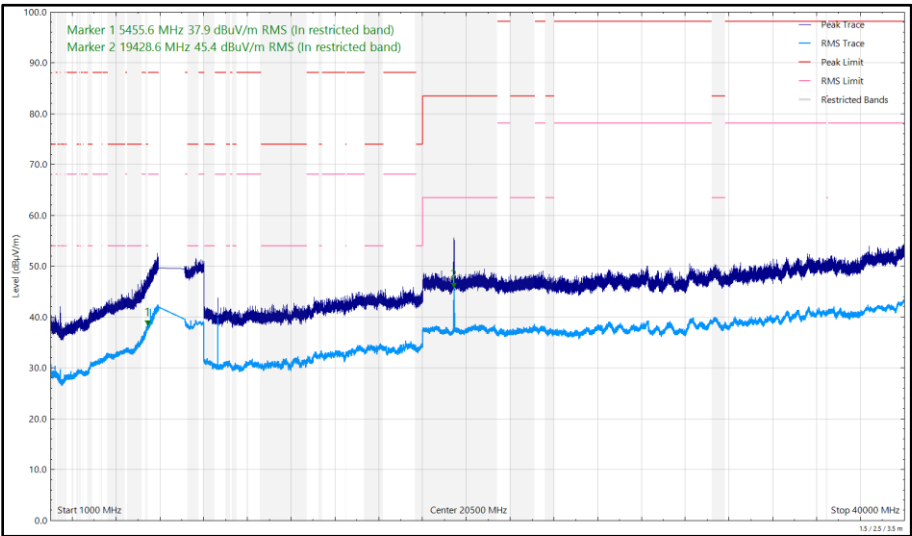


Figure 252 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical