

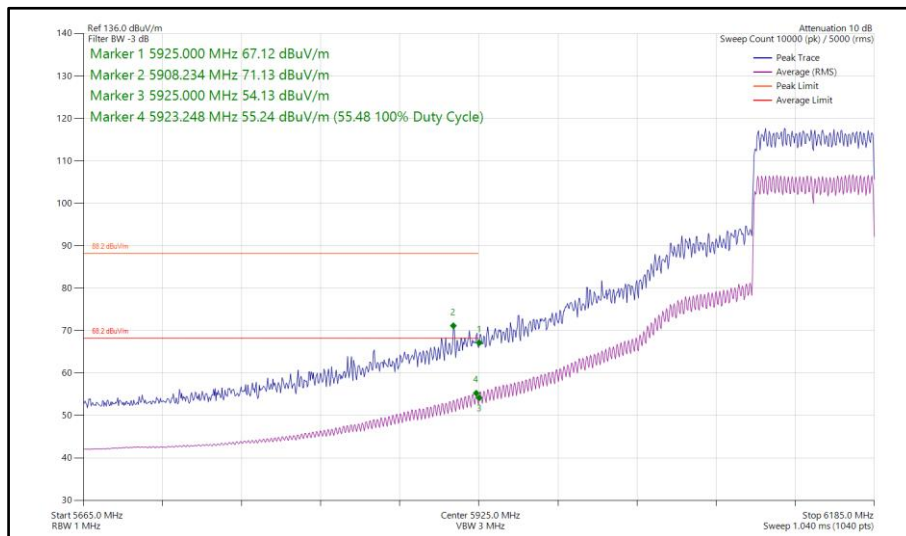


**Figure 241 - 802.11ax HE80, SU, SDM, Core 0-1 - 6145 MHz
Band Edge Frequency 5925 MHz**

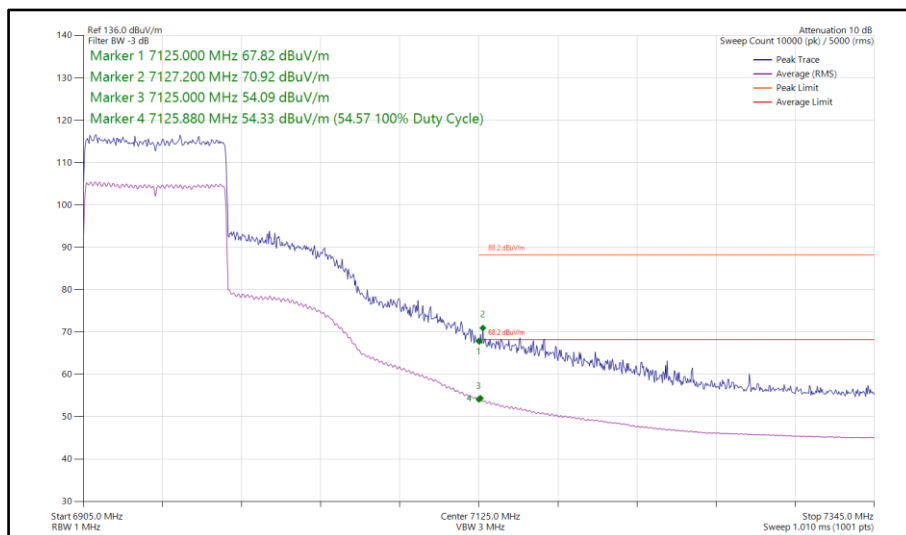


**Figure 242 - 802.11ax HE80, SU, SDM, Core 0-1 - 6945 MHz
Band Edge Frequency 7125 MHz**

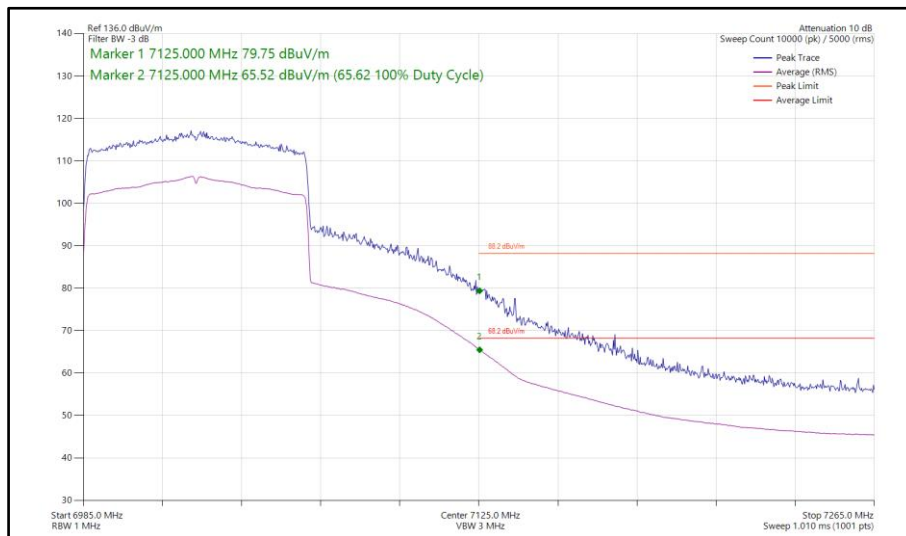


**Figure 243 - 802.11ax HE80, SU, SDM, Core 0-1 - 7025 MHz
Band Edge Frequency 7125 MHz**

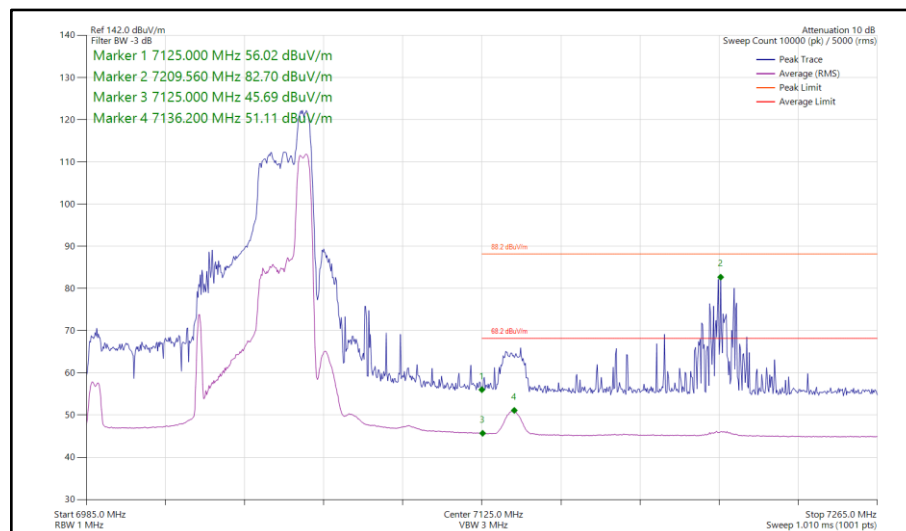


**Figure 244 - 802.11ax HE80, RU 52-52, SDM, Core 0-1 - 7025 MHz
Band Edge Frequency 7125 MHz**



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	MCS 4x1	SU	-	6025	5925	78.23	65.68
802.11ax HE160	MCS 11x1	26	0P	6025	5925	83.21	52.39
802.11ax HE160	MCS 11x1	SU	-	6185	5925	70.57	57.16
802.11ax HE160	MCS 11x1	SU	-	6825	7125	70.29	56.55
802.11ax HE160	MCS 2x1	SU	-	6985	7125	82.91	65.53
802.11ax HE160	MCS 9x1	106	53P	6985	7125	83.47	64.62

Table 214 - SISO Authorised Band Edge Results

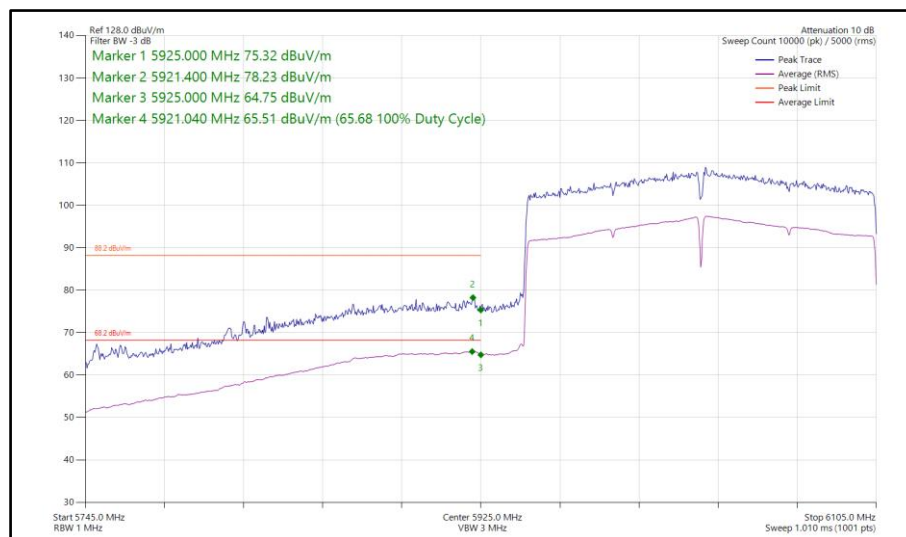


**Figure 245 - 802.11ax HE160, SU, SISO, Core 0 - 6025 MHz
Band Edge Frequency 5925 MHz**

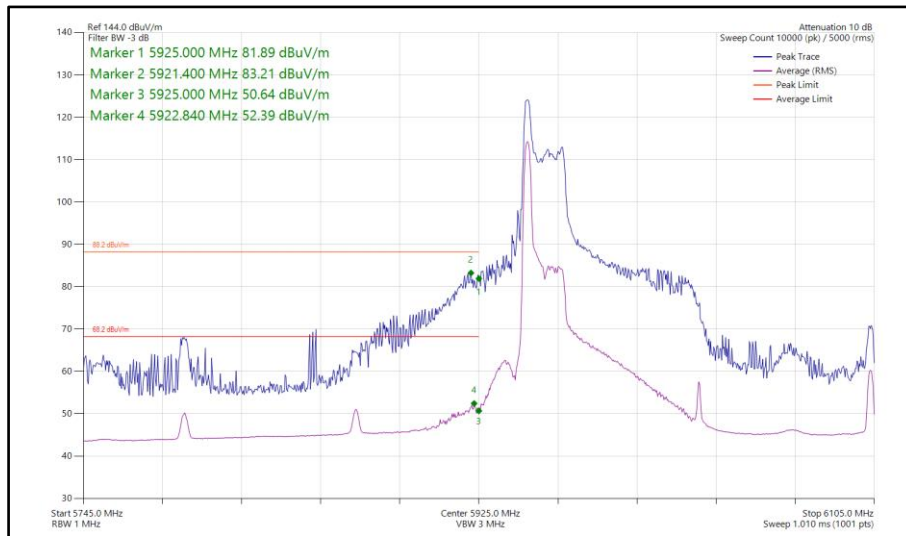


**Figure 246 - 802.11ax HE160, RU 26-0P, SISO, Core 0 - 6025 MHz
Band Edge Frequency 5925 MHz**

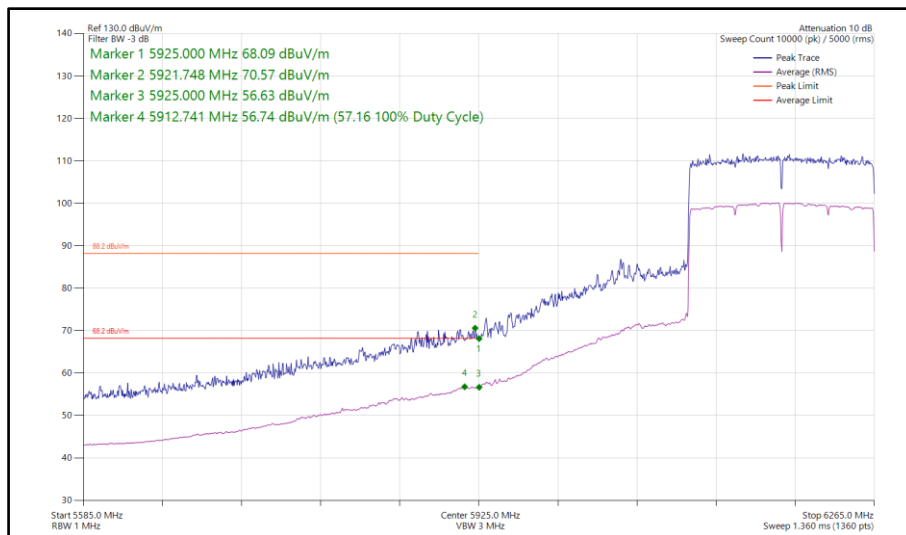


**Figure 247 - 802.11ax HE160, SU, SISO, Core 0 - 6185 MHz
Band Edge Frequency 5925 MHz**

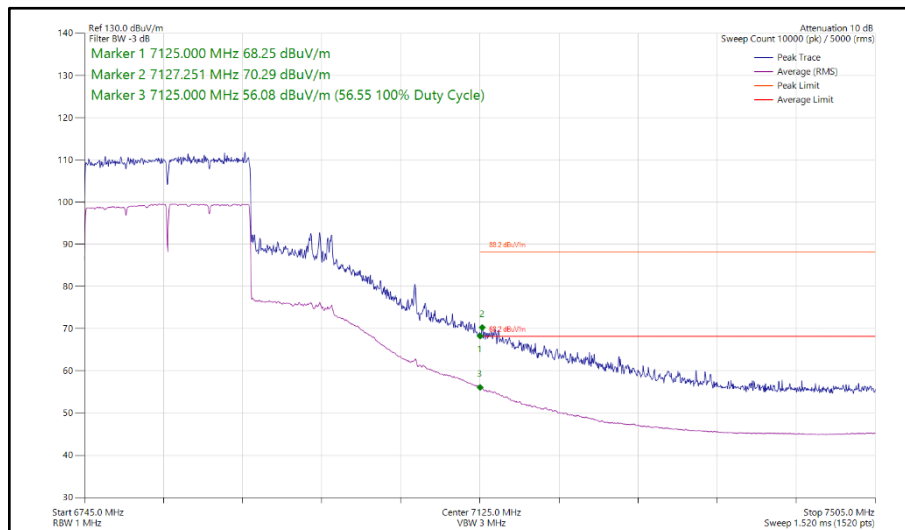


**Figure 248 - 802.11ax HE160, SU, SISO, Core 0 - 6825 MHz
Band Edge Frequency 7125 MHz**

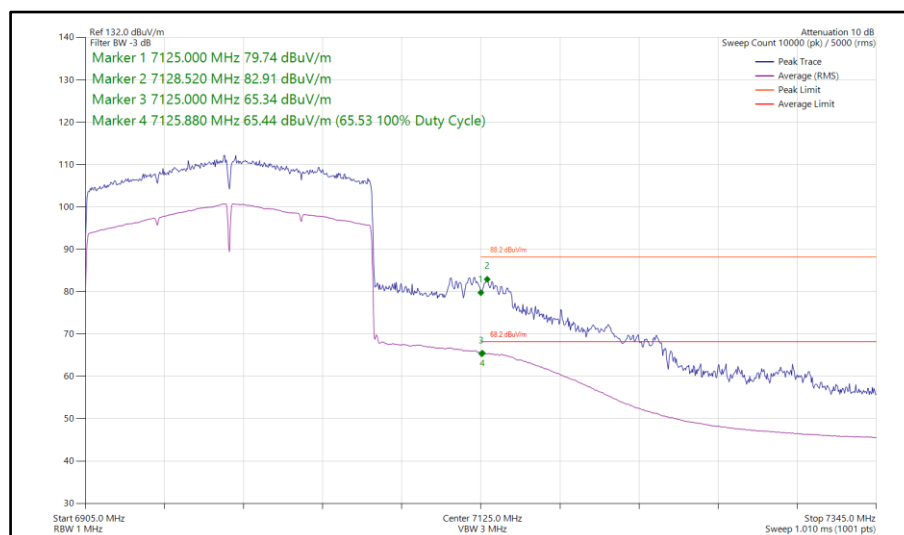


**Figure 249 - 802.11ax HE160, SU, SISO, Core 0 - 6985 MHz
Band Edge Frequency 7125 MHz**

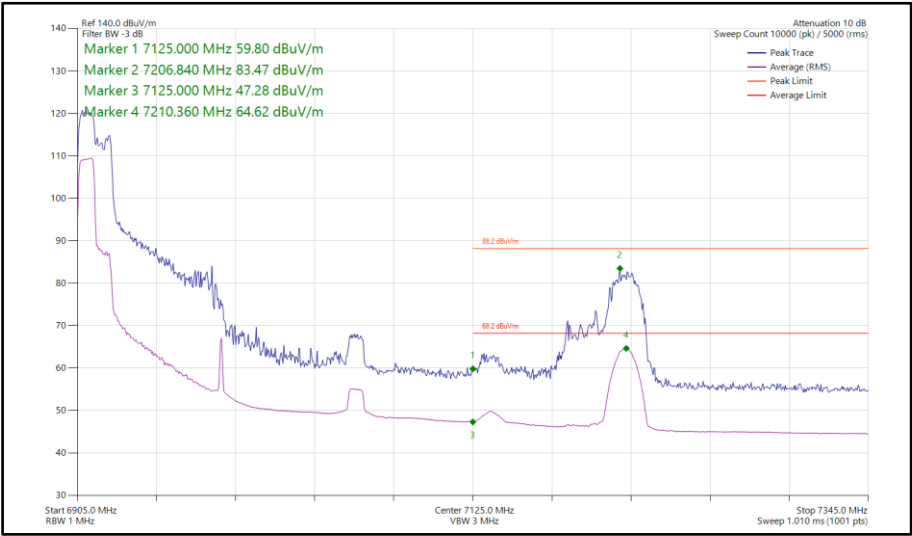


Figure 250 - 802.11ax HE160, RU 106-53P, SISO, Core 0 - 6985 MHz
Band Edge Frequency 7125 MHz

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 11x1	SU	-	6025	5925	81.90	65.69
802.11ax HE160	MCS 9x1	106	60S	6025	5925	80.74	65.22
802.11ax HE160	MCS 11x1	SU	-	6185	5925	72.67	58.52
802.11ax HE160	MCS 11x1	SU	-	6825	7125	69.71	55.63
802.11ax HE160	MCS 2x1	SU	-	6985	7125	83.39	65.63
802.11ax HE160	MCS 9x1	106	53P	6985	7125	83.51	65.53

Table 215 - SISO Authorised Band Edge Results

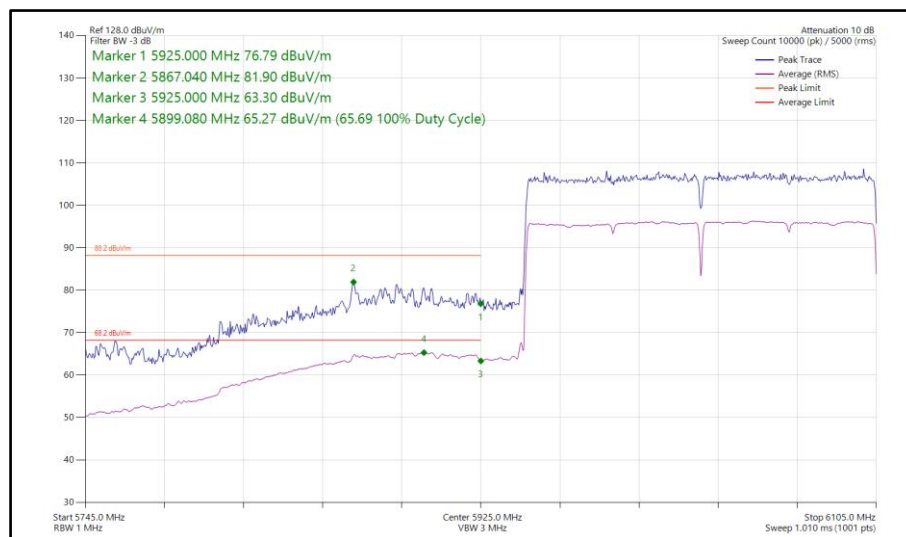


Figure 251 - 802.11ax HE160, SU, SISO, Core 1 - 6025 MHz
Band Edge Frequency 5925 MHz

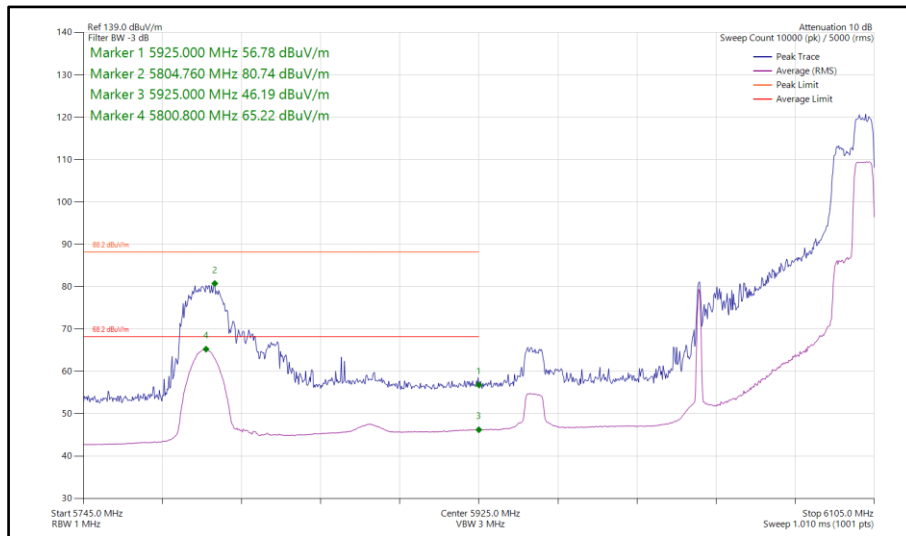


**Figure 252 - 802.11ax HE160, RU 106-60S, SISO, Core 1 - 6025 MHz
Band Edge Frequency 5925 MHz**

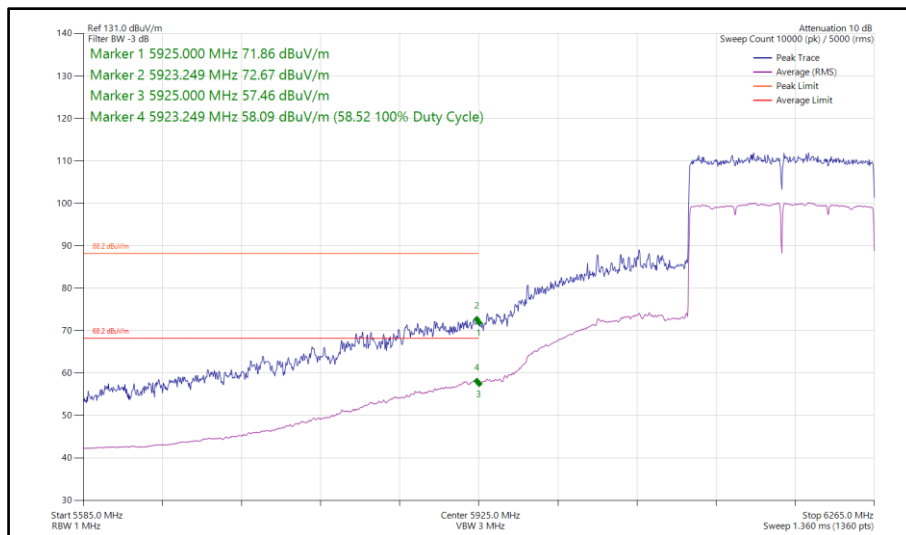


**Figure 253 - 802.11ax HE160, SU, SISO, Core 1 - 6185 MHz
Band Edge Frequency 5925 MHz**

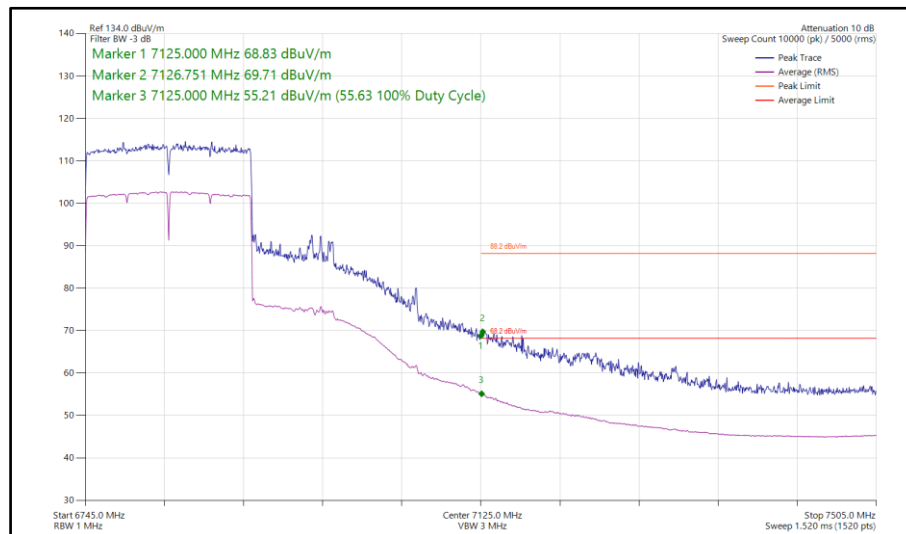


**Figure 254 - 802.11ax HE160, SU, SISO, Core 1 - 6825 MHz
Band Edge Frequency 7125 MHz**

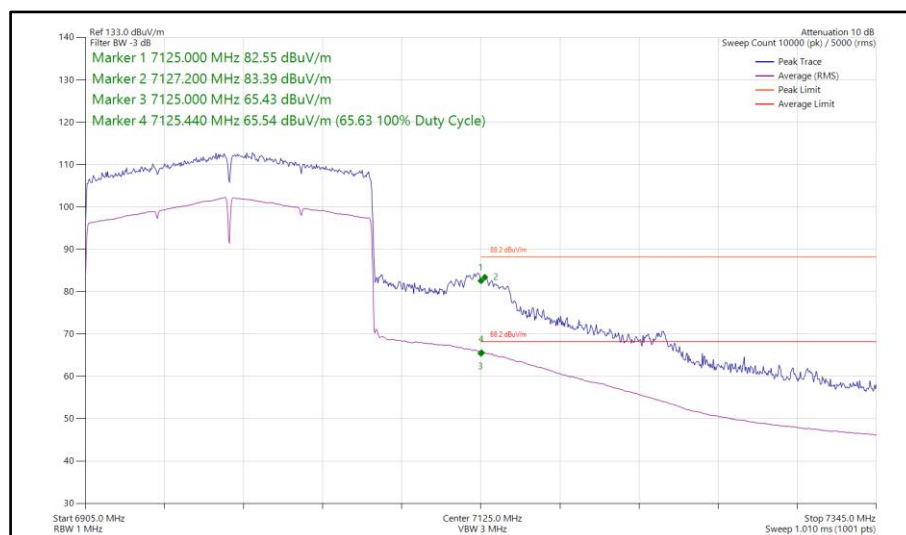


**Figure 255 - 802.11ax HE160, SU, SISO, Core 1 - 6985 MHz
Band Edge Frequency 7125 MHz**

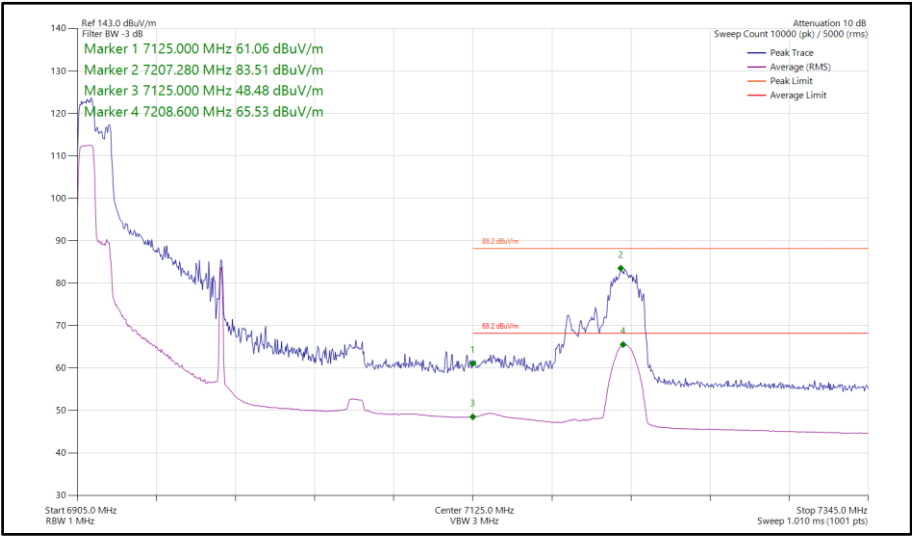


Figure 256 - 802.11ax HE160, RU 106-53P, SISO, Core 1 - 6985 MHz
Band Edge Frequency 7125 MHz

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	MCS 4x1	SU	-	6025	5925	78.35	65.51
802.11ax HE160	MCS 9x1	106	60S	6025	5925	80.75	65.53
802.11ax HE160	MCS 11x1	SU	-	6185	5925	77.59	63.80
802.11ax HE160	MCS 11x1	SU	-	6825	7125	73.34	58.81
802.11ax HE160	MCS 4x1	SU	-	6985	7125	78.85	65.55
802.11ax HE160	MCS 11x1	52	52S	6985	7125	83.47	62.08

Table 216 - CDD Authorised Band Edge Results

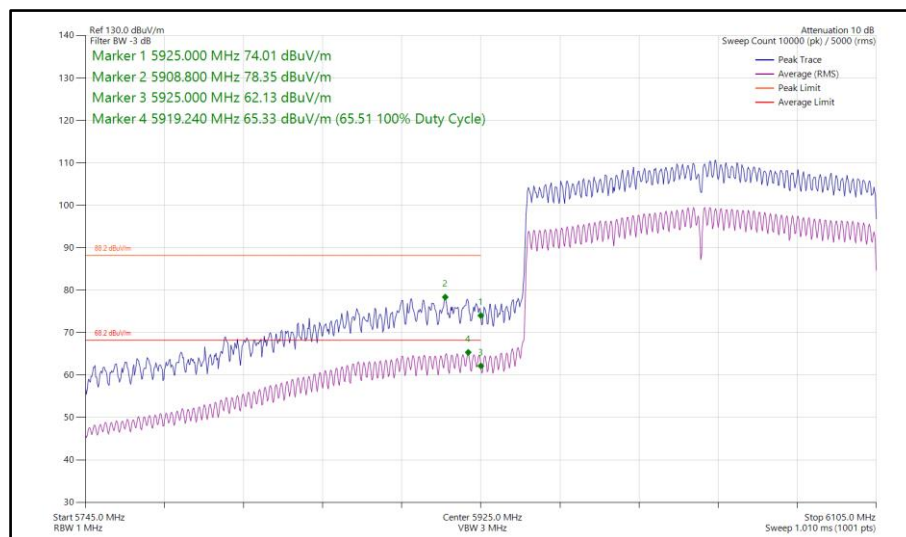


Figure 257 - 802.11ax HE160, SU, CDD, Core 0-1 - 6025 MHz
Band Edge Frequency 5925 MHz

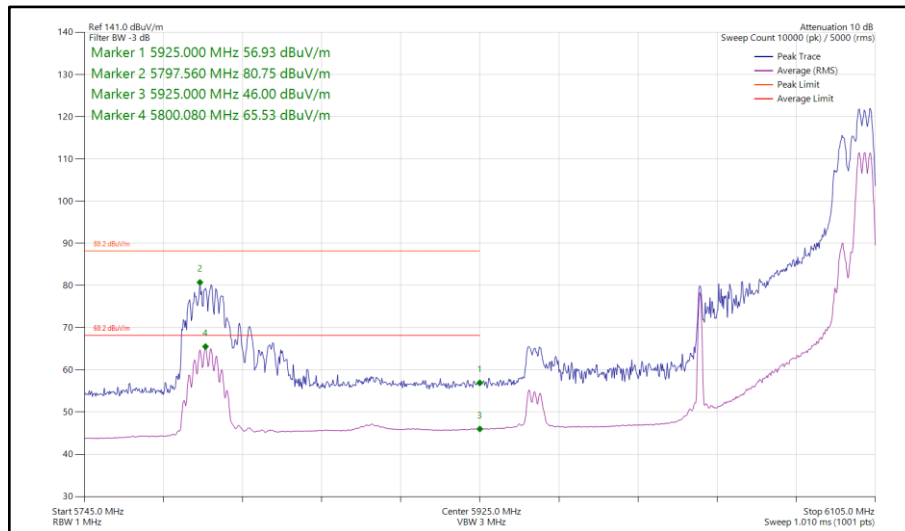


**Figure 258 - 802.11ax HE160, RU 106-60S, CDD, Core 0-1 - 6025 MHz
Band Edge Frequency 5925 MHz**

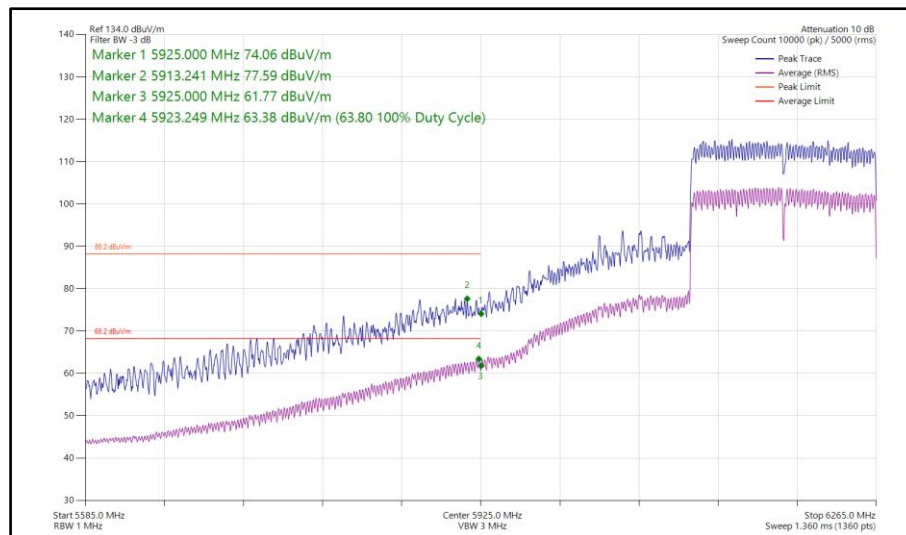


**Figure 259 - 802.11ax HE160, SU, CDD, Core 0-1 - 6185 MHz
Band Edge Frequency 5925 MHz**

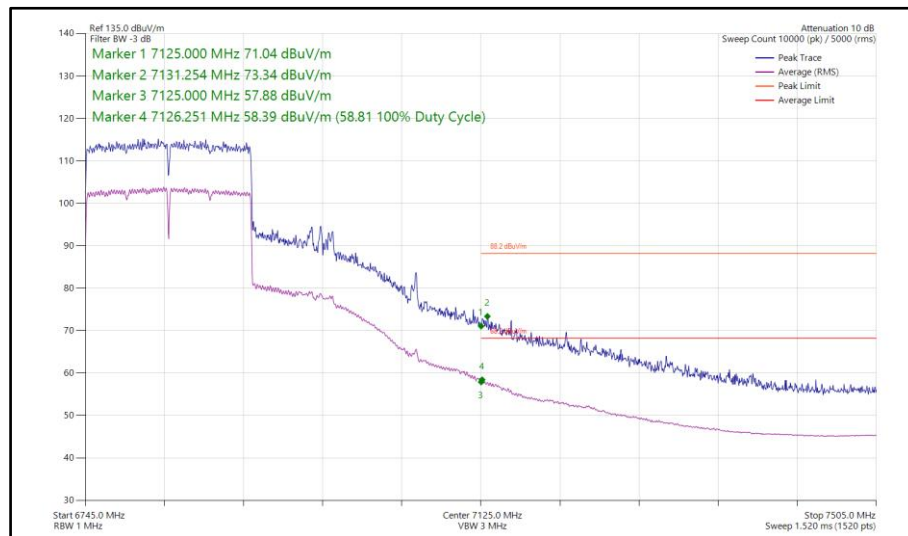


**Figure 260 - 802.11ax HE160, SU, CDD, Core 0-1 - 6825 MHz
Band Edge Frequency 7125 MHz**

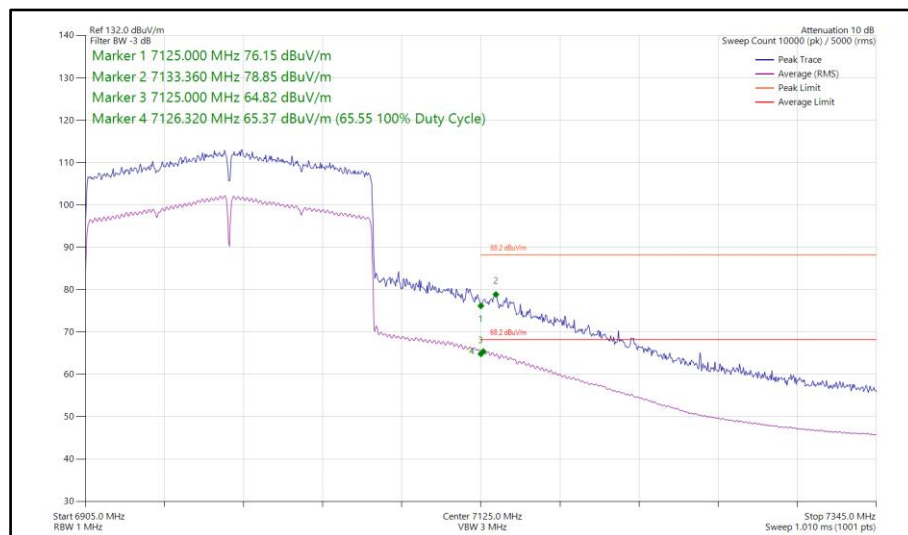


**Figure 261 - 802.11ax HE160, SU, CDD, Core 0-1 - 6985 MHz
Band Edge Frequency 7125 MHz**

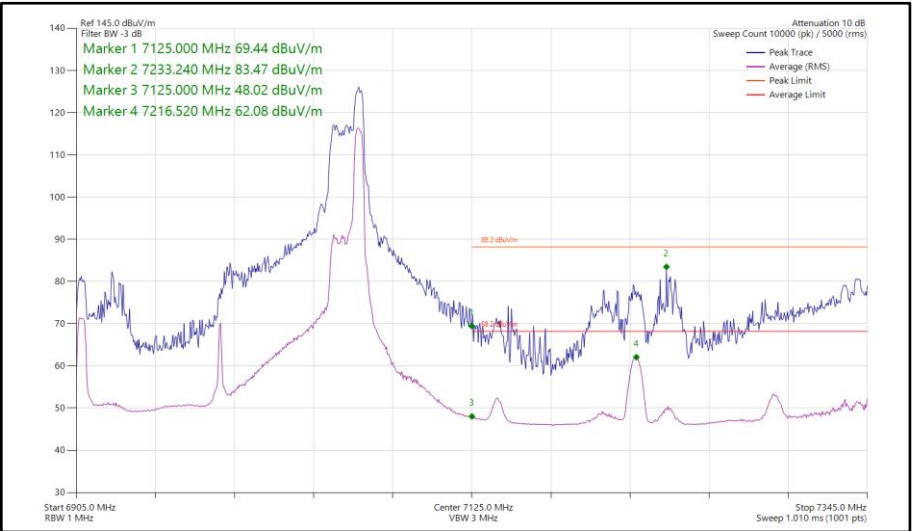


**Figure 262 - 802.11ax HE160, RU 52-52S, CDD, Core 0-1 - 6985 MHz
Band Edge Frequency 7125 MHz**



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	MCS 4x2	SU	-	6025	5925	78.00	65.42
802.11ax HE160	MCS 11x2	26	0P	6025	5925	83.61	56.40
802.11ax HE160	MCS 11x2	SU	-	6185	5925	76.62	63.06
802.11ax HE160	MCS 11x2	SU	-	6825	7125	72.16	58.32
802.11ax HE160	MCS 11x2	SU	-	6985	7125	83.66	65.41
802.11ax HE160	MCS 11x2	26	36S	6985	7125	83.42	64.81

Table 217 - SDM Authorised Band Edge Results

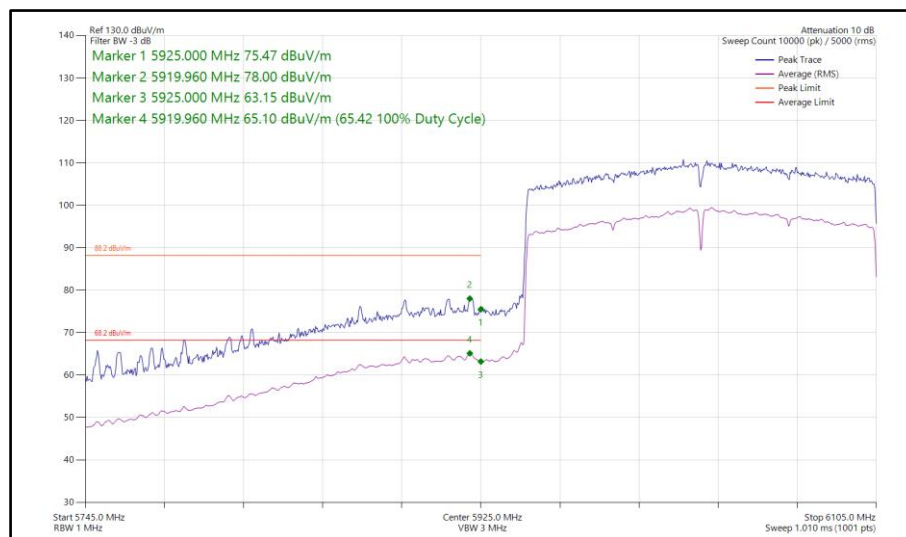


Figure 263 - 802.11ax HE160, SU, SDM, Core 0-1 - 6025 MHz
Band Edge Frequency 5925 MHz

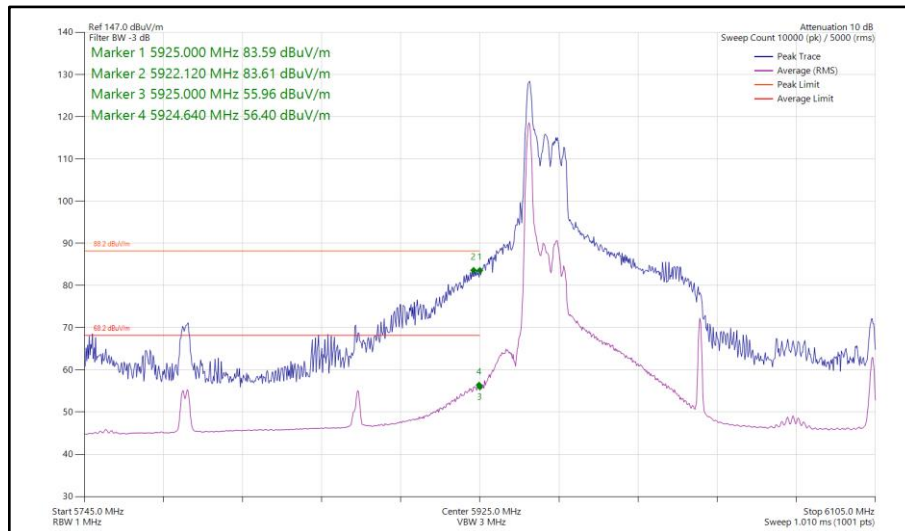


**Figure 264 - 802.11ax HE160, RU 26-0P, SDM, Core 0-1 - 6025 MHz
Band Edge Frequency 5925 MHz**

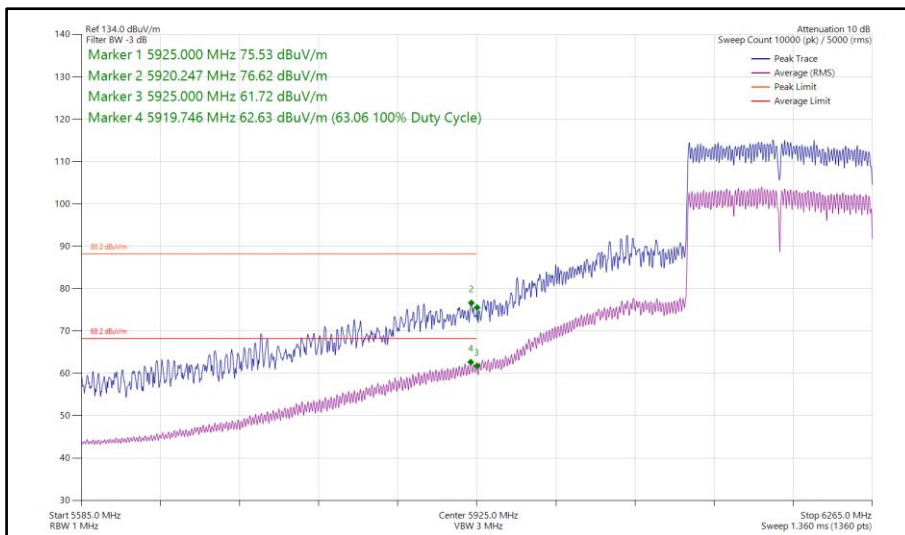


**Figure 265 - 802.11ax HE160, SU, SDM, Core 0-1 - 6185 MHz
Band Edge Frequency 5925 MHz**

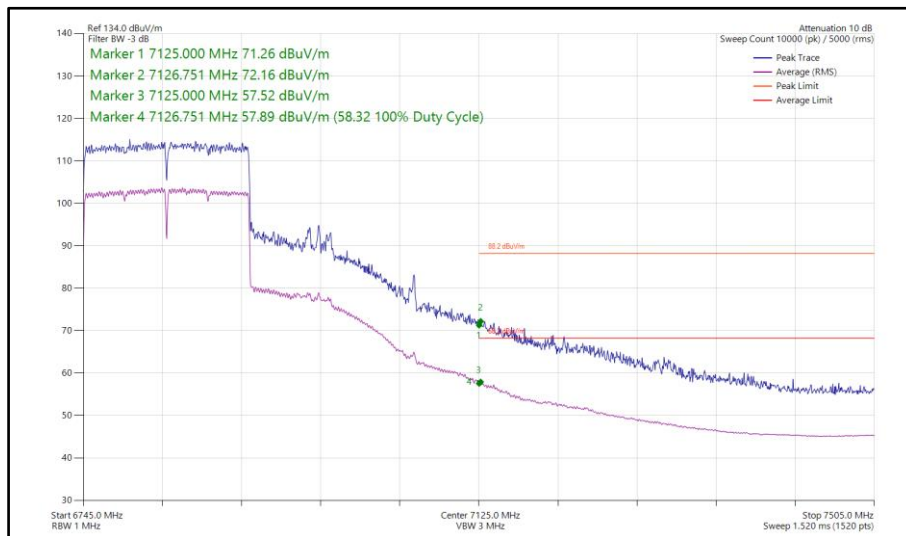


**Figure 266 - 802.11ax HE160, SU, SDM, Core 0-1 - 6825 MHz
Band Edge Frequency 7125 MHz**

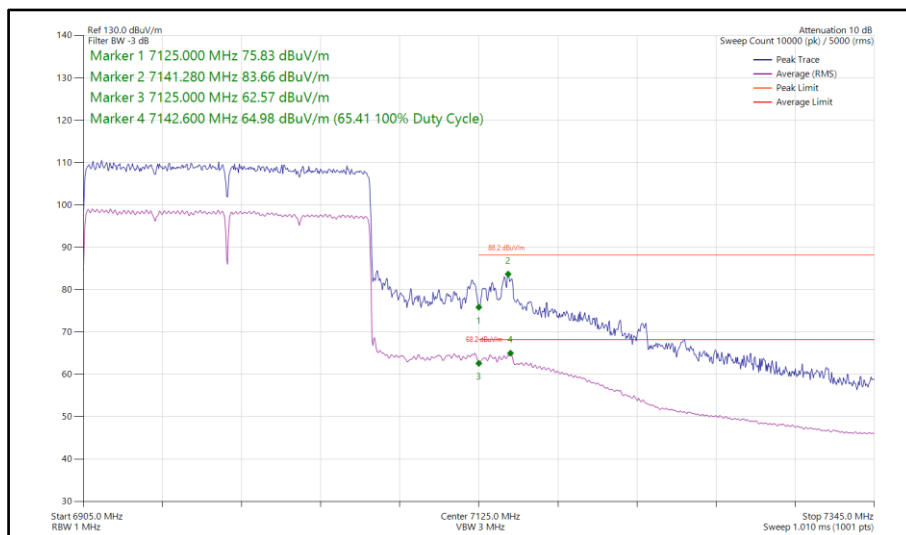


**Figure 267 - 802.11ax HE160, SU, SDM, Core 0-1 - 6985 MHz
Band Edge Frequency 7125 MHz**

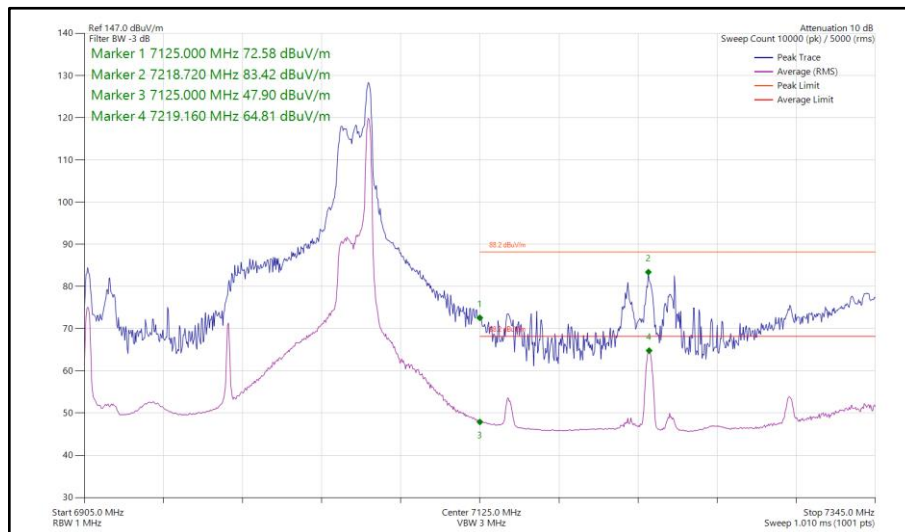


**Figure 268 - 802.11ax HE160, RU 26-36S, SDM, Core 0-1 - 6985 MHz
Band Edge Frequency 7125 MHz**

FCC 47 CFR Part 15E, Limit Clause 15.407(b)(6)

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 16 and RF Chamber 17.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.6.1 V.	5125	-	O/P Mon
EMI Test Receiver	Rohde & Schwarz	ESW44	5379	12	25-Nov-2026
EMI Test Receiver	Rohde & Schwarz	ESW44	6294	12	24-Feb-2026
1500W (300V 12A) AC Power Supply	iTech	IT7324	5957	-	O/P Mon
1500W (300V 12A) AC Power Supply	iTech	IT7324	6657	-	O/P Mon
3m Semi-Anechoic Chamber, Chamber16	Albatross Projects	RF Chamber 16	5972	36	07-May-2028
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5973	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5974	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5975	-	TU
3m Semi-Anechoic Chamber, Chamber17	Albatross Projects	RF Chamber 17	5963	36	07-May-2028



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	6658	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6660	-	TU
Turntable	Maturo Gmbh	TT1.5SI	6661	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6354	12	15-Apr-2026
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6007	12	06-Jun-2026
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6844	12	06-Sep-2026
Horn Antenna (1-10.5 GHz)	Schwarzbeck	BBHA9120B	6825	12	14-Sep-2026
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6457	12	14-Sep-2026
Digital Multimeter	Fluke	115	6145	12	06-Jun-2026
Digital Multimeter	Fluke	115	6345	12	024-Jul-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6886	12	12-Dec-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6349	12	16-May-2026
USB Spectrum Analyser	Signal Hound	SA124B	6383	-	TU
USB Spectrum Analyser	Signal Hound	SA124B	6859	-	TU
Humidity and Temperature Meter	R.S Components	1364	6346	12	13-Mar-2026
Humidity and Temperature Meter	R.S Components	1364	6149	12	28-Aug-2026
8M SMA Cable	Junkosha	MWX221-08000AMSAMS/B	6851	12	06-Nov-2026
8M SMA Cable	Junkosha	MWX221-08000AMSAMS/B	6846	12	23-Oct-2026
Cable Assembly	Pasternack	PE300-60	6858	-	TU
Cable Assembly	Pasternack	PE300-60	6859	-	TU
Cable Assembly	Pasternack	PE300-60	6860	-	TU
Cable Assembly	Pasternack	PE300-60	6864	-	TU
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6886	12	02-Dec-2026
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6978	12	05-Apr-2026
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6979	12	05-Apr-2026

Table 218

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

A3404, S/N: LTJGK16JDF - Modification State 0
A3404, S/N: DXLWDVXK00 - Modification State 0

2.6.3 Date of Test

17-November-2025 to 03-December-2025

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 18 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

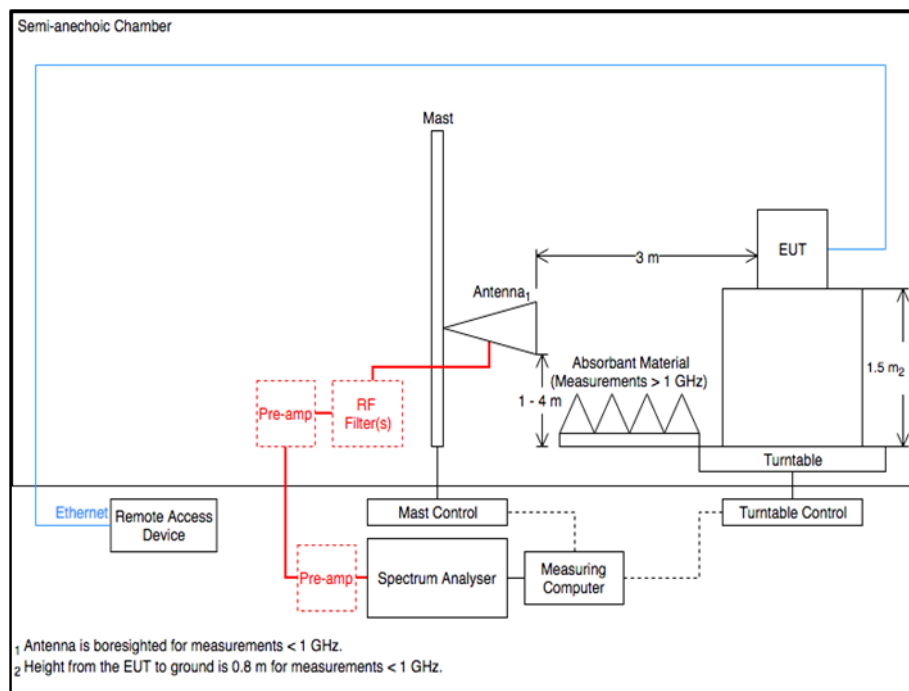


Figure 269 - Radiated Emissions Test Setup Diagram

2.6.6 Environmental Conditions

Ambient Temperature	22.3 - 24.1 °C
Relative Humidity	33.2 - 48.2 %

2.6.7 Test Results

6GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
5457.283	38.51	54.00	-15.49	RMS	23	287	Vertical	
5459.593	35.82	54.00	-18.18	RMS	239	389	Horizontal	
5900.770	79.65	88.20	-8.55	Peak	2	304	Vertical	
5904.384	58.00	68.20	-10.20	RMS	30	264	Vertical	
11910.000	40.90	54.00	-13.10	RMS	84	346	Horizontal	
11910.198	39.83	54.00	-14.17	RMS	62	224	Vertical	
17863.650	39.33	54.00	-14.67	RMS	294	391	Horizontal	
17866.547	39.13	54.00	-14.87	RMS	301	355	Vertical	

Table 219 - U-NII-5 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 20 dB of the limit.

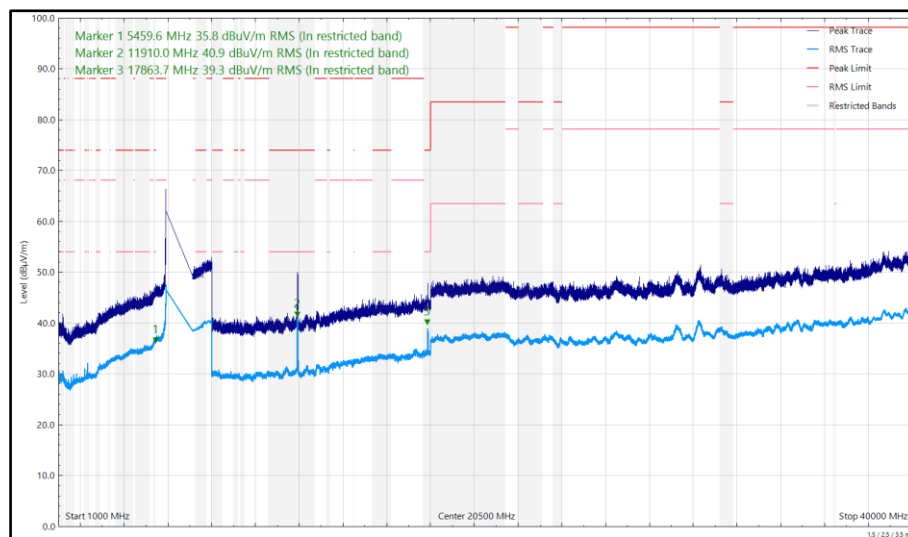


Figure 270 - U-NII-5 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

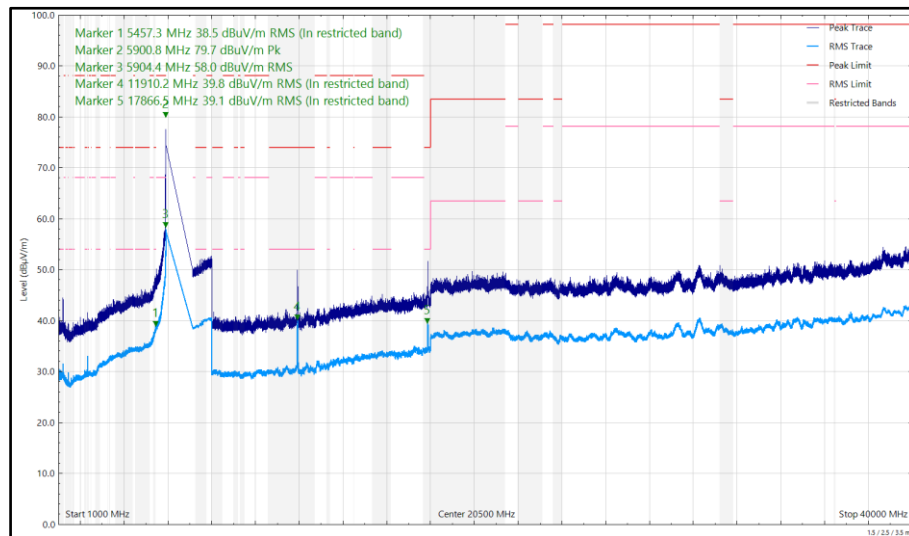


Figure 271 - U-NII-5 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
36.752	21.40	40.00	-18.60	Q-Peak	1	148	Vertical	
182.467	23.54	43.50	-19.96	Q-Peak	185	101	Vertical	
194.096	20.49	43.50	-23.01	Q-Peak	358	287	Horizontal	
5449.543	36.55	54.00	-17.45	RMS	349	342	Vertical	
5451.905	35.94	54.00	-18.06	RMS	235	317	Horizontal	
12349.600	44.25	54.00	-9.75	RMS	347	228	Vertical	
12349.650	41.78	54.00	-12.22	RMS	282	326	Horizontal	
18524.192	46.03	63.50	-17.47	RMS	131	100	Vertical	

Table 220 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

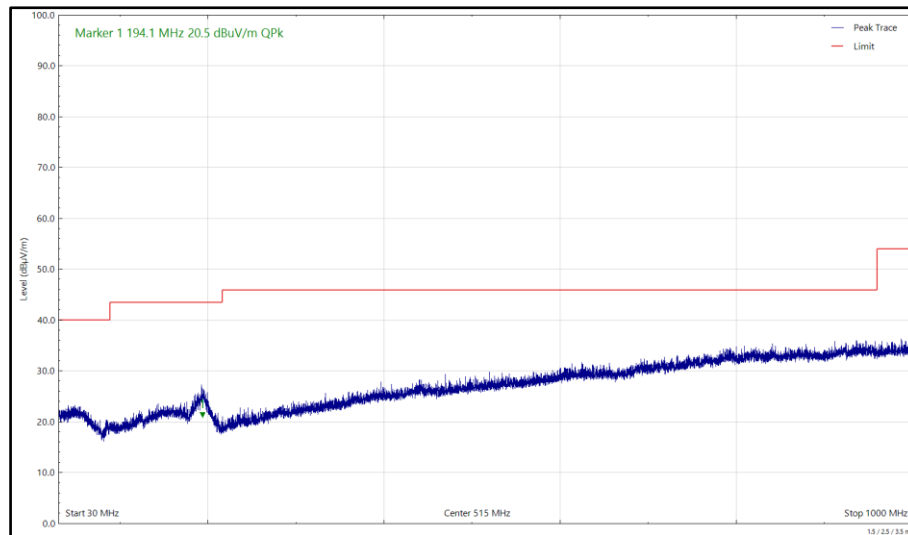


Figure 272 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

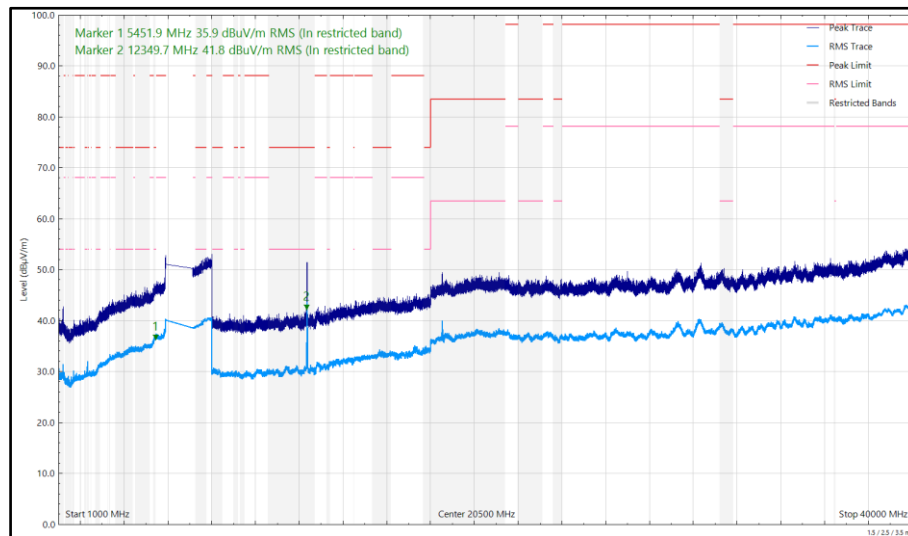


Figure 273 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

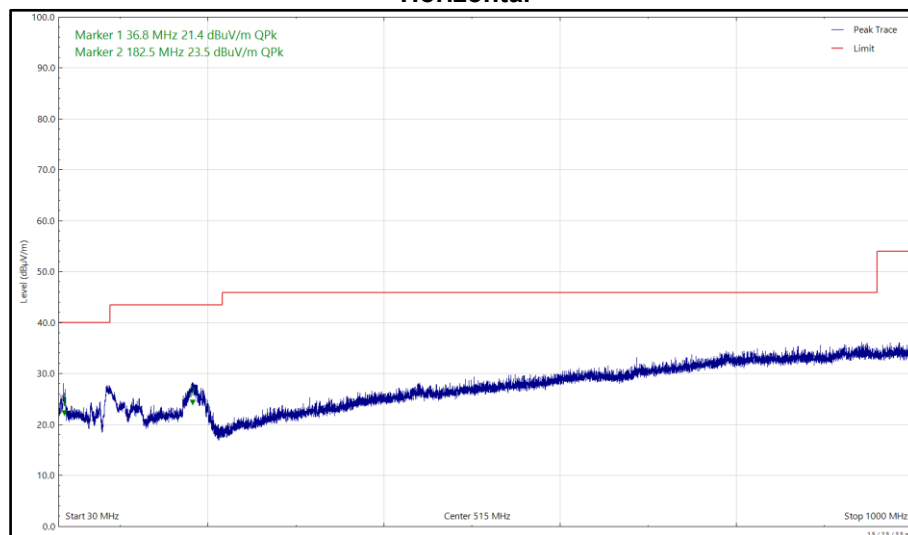


Figure 274 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

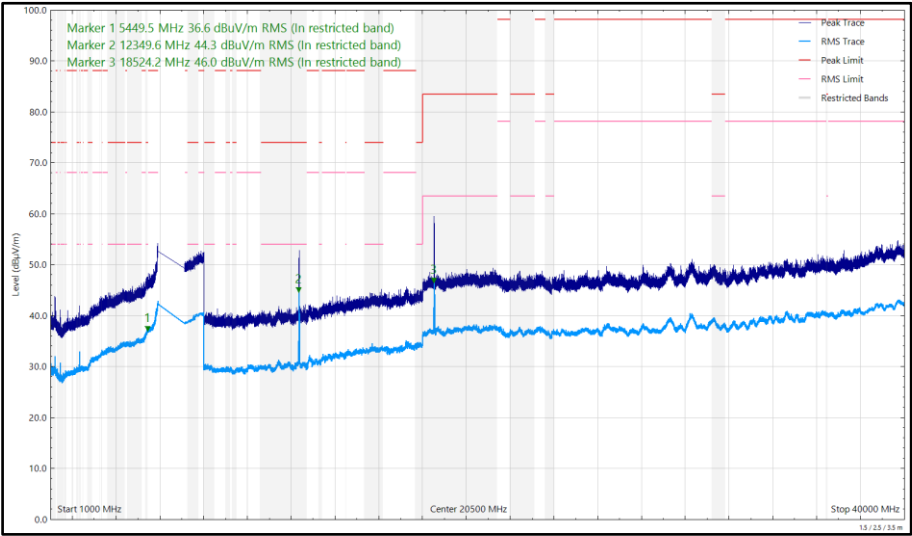


Figure 275 - U-NII-5 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
5439.141	35.77	54.00	-18.23	RMS	7	112	Horizontal	
5449.080	36.32	54.00	-17.68	RMS	22	343	Vertical	

Table 221 - U-NII-5 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 20 dB of the limit.

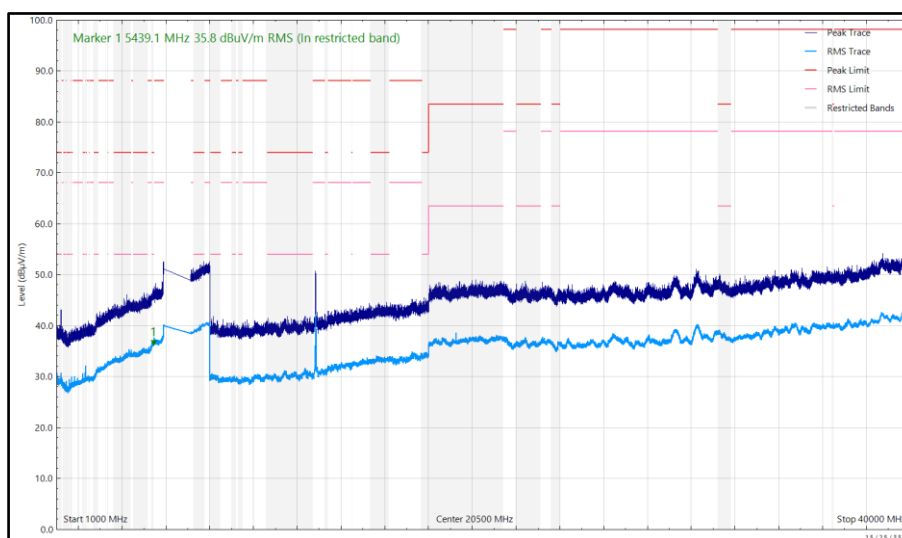


Figure 276 - U-NII-5 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

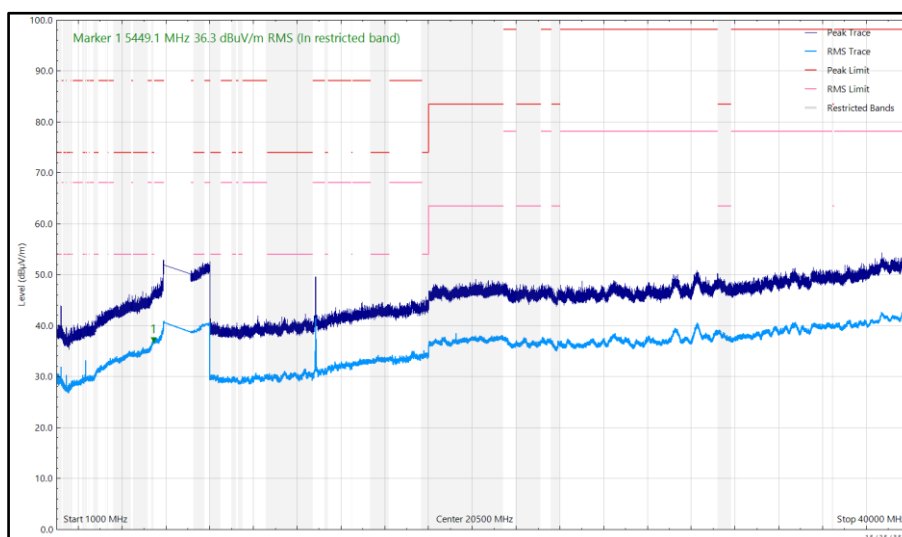


Figure 277 - U-NII-5 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
*								

Table 222 - U-NII-6 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

*No emissions found within 20 dB of the limit.

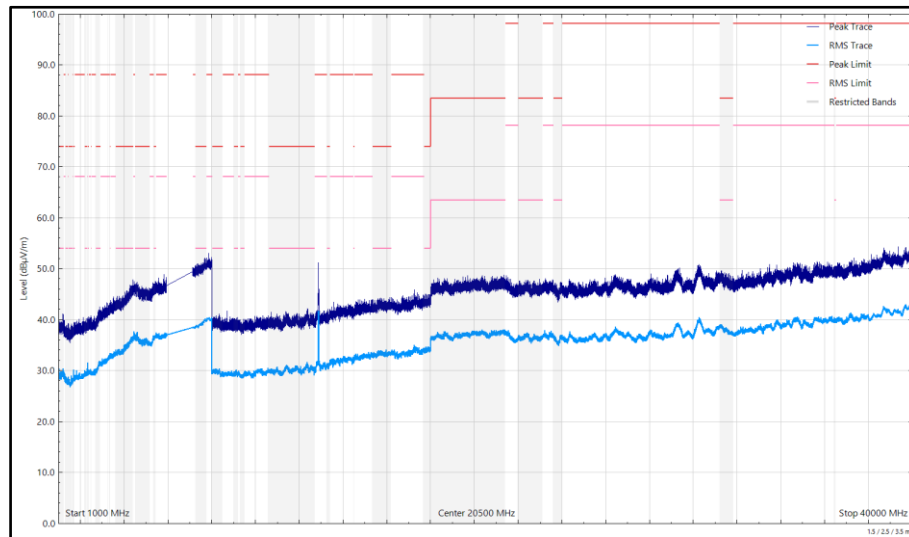


Figure 278 - U-NII-6 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

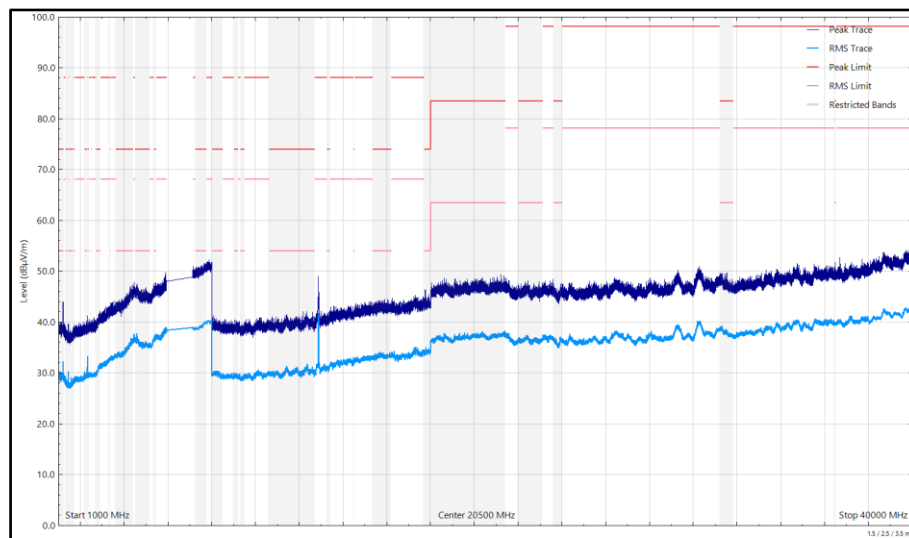


Figure 279 - U-NII-6 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
85.107	24.16	40.00	-15.84	Q-Peak	88	100	Vertical	
178.192	21.78	43.50	-21.72	Q-Peak	253	160	Vertical	
195.491	20.90	43.50	-22.60	Q-Peak	319	254	Horizontal	

Table 223 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

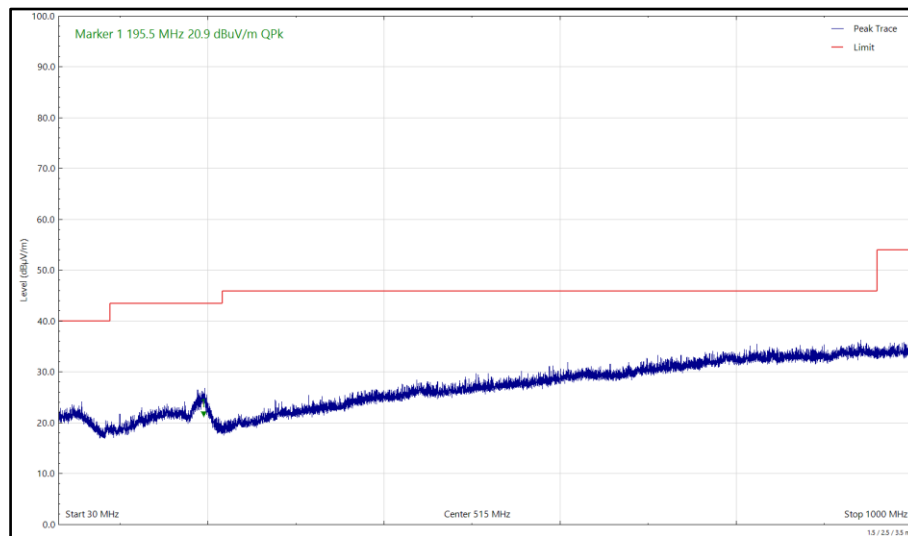


Figure 280 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

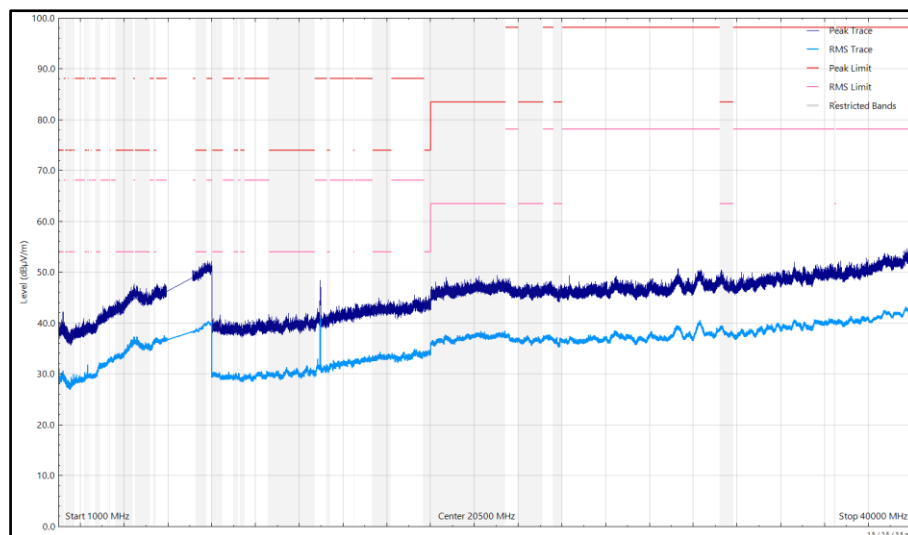


Figure 281 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

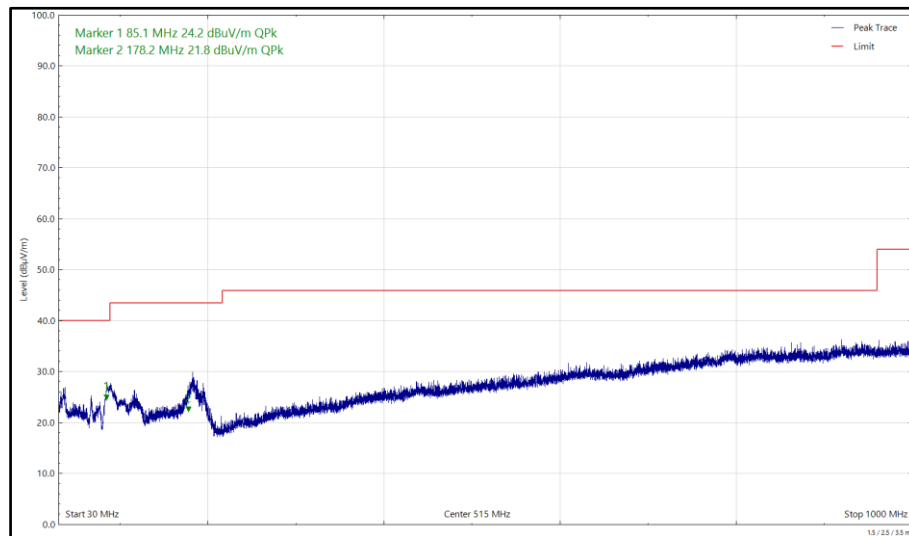


Figure 282 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

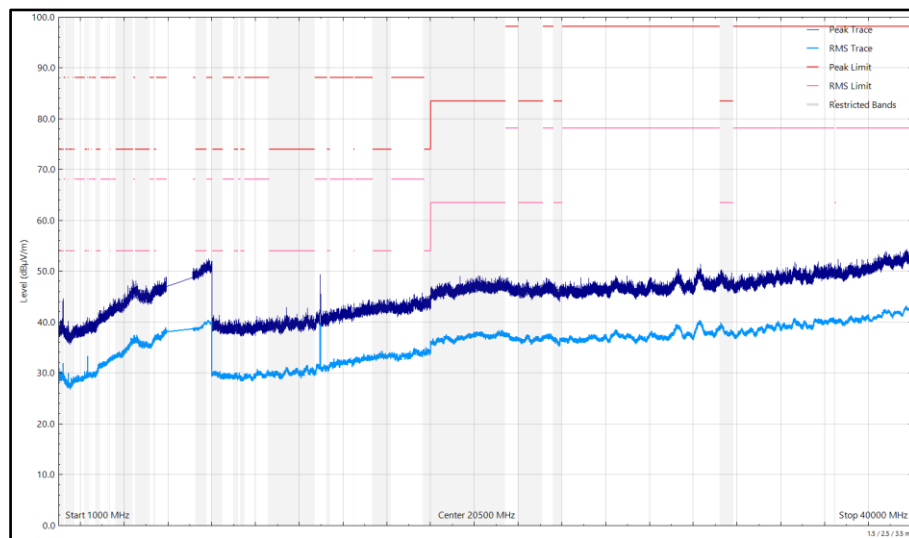


Figure 283 - U-NII-6 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
*								

Table 224 - U-NII-6 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

*No emissions found within 20 dB of the limit.

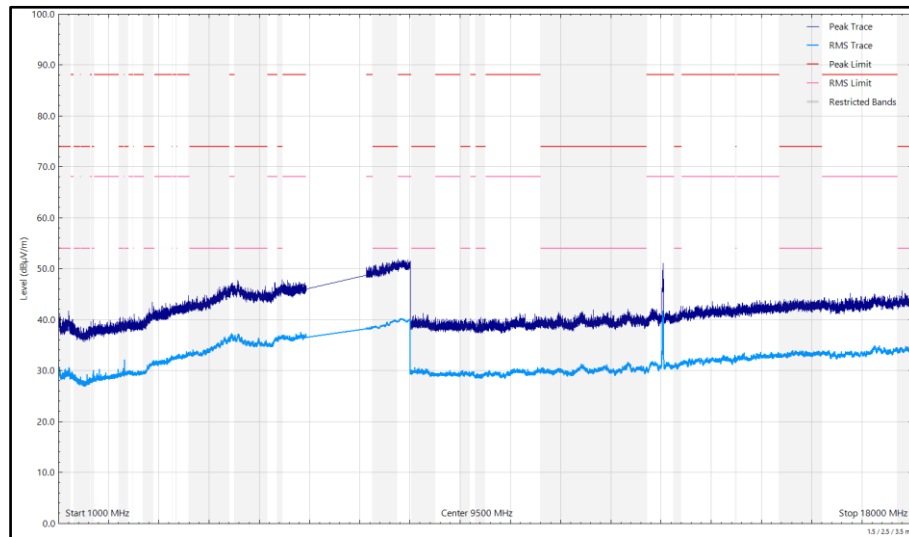


Figure 284 - U-NII-6 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

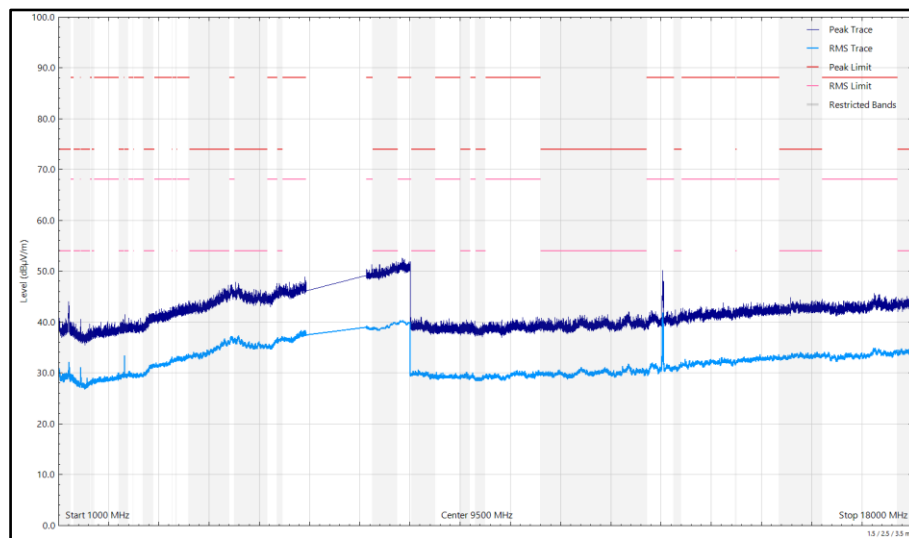


Figure 285 - U-NII-6 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
*								

Table 225 - U-NII-7 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

*No emissions found within 20 dB of the limit.

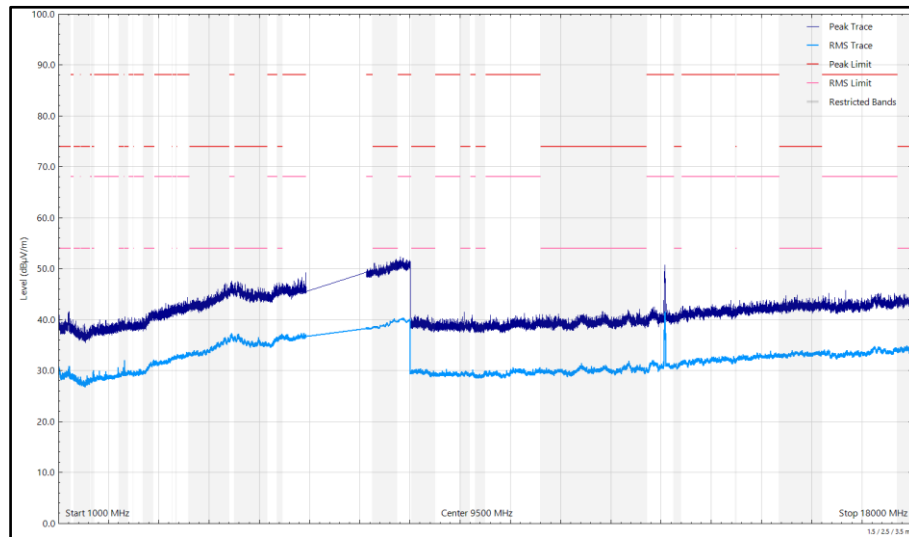


Figure 286 - U-NII-7 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

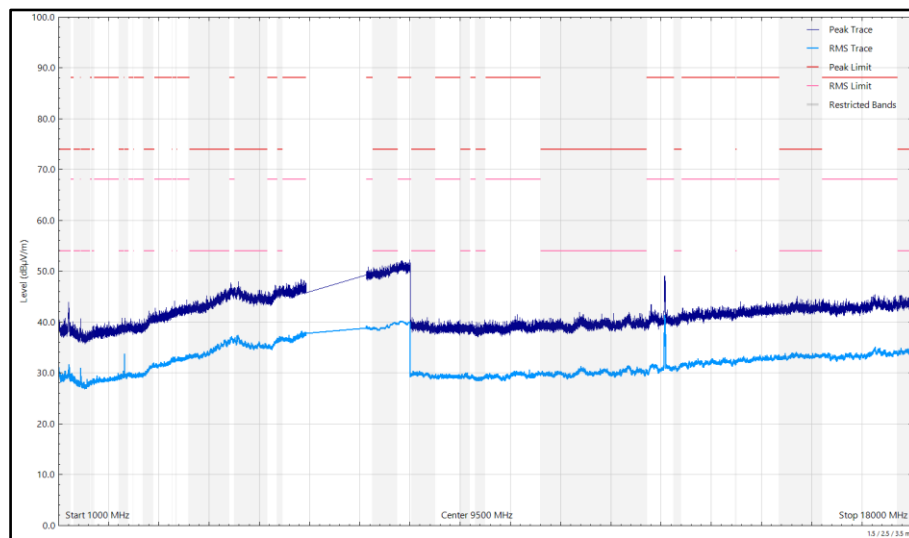


Figure 287 - U-NII-7 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
13390.614	39.42	54.00	-14.58	RMS	64	261	Vertical	
13391.184	37.89	54.00	-16.11	RMS	283	386	Horizontal	

Table 226 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

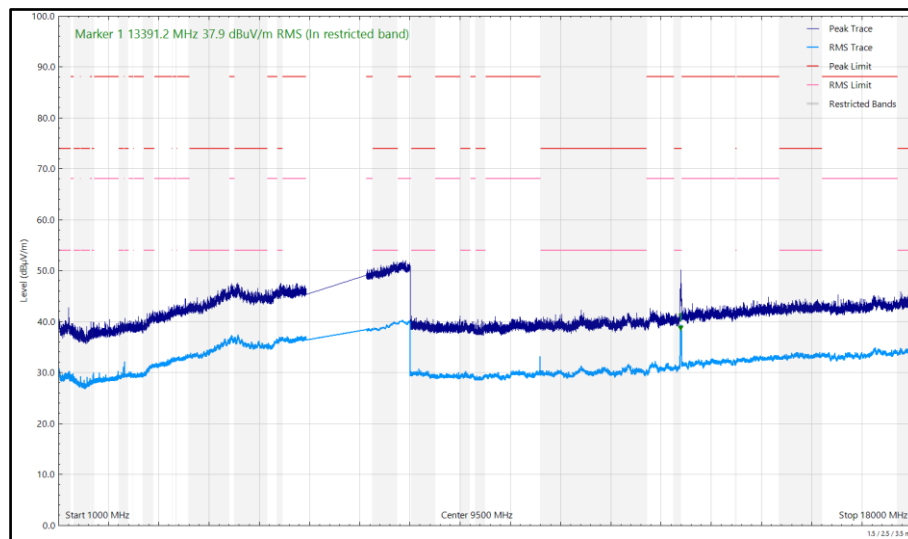


Figure 288 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

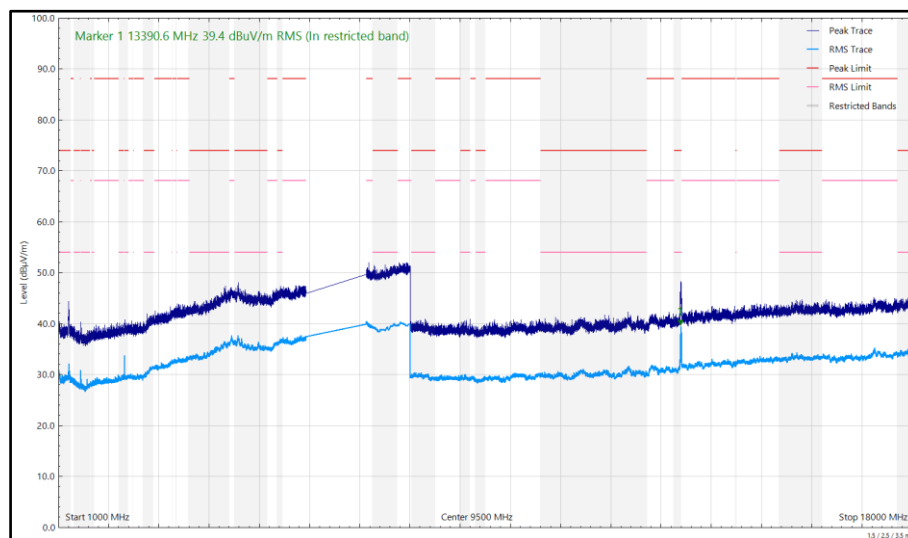


Figure 289 - U-NII-7 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
5436.559	35.65	54.00	-18.35	RMS	167	252	Vertical	
5455.982	35.79	54.00	-18.21	RMS	23	101	Horizontal	
7270.529	38.99	54.00	-15.01	RMS	103	347	Vertical	

Table 227 - U-NII-7 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

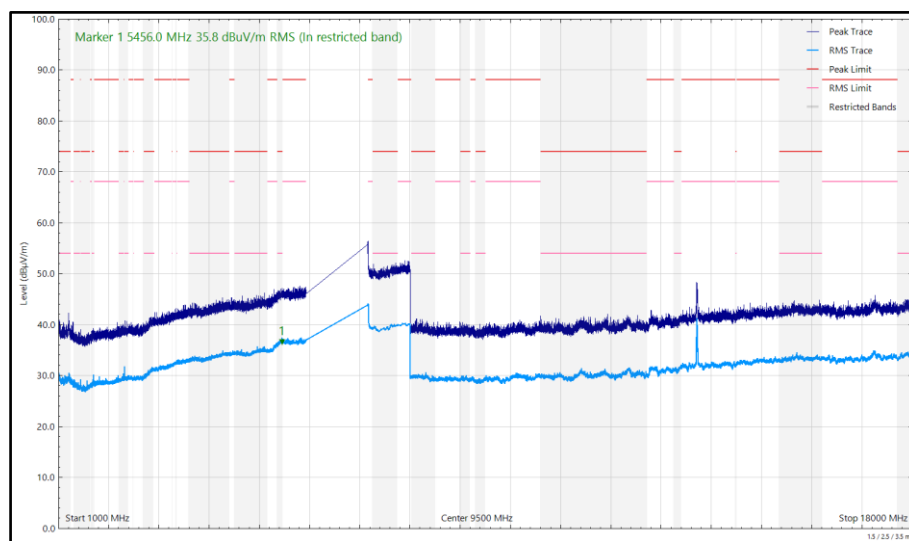


Figure 290 - U-NII-7 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

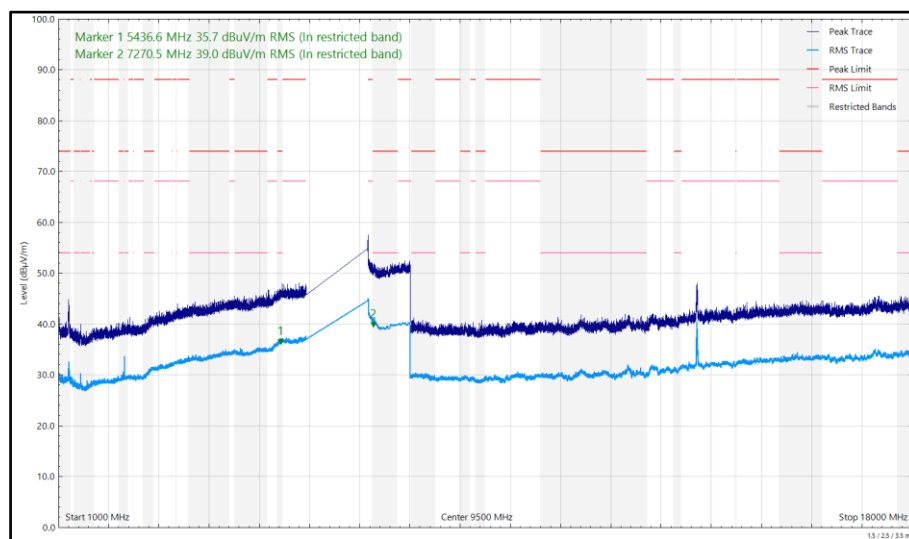


Figure 291 - U-NII-7 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
5448.347	35.86	54.00	-18.14	RMS	337	393	Vertical	
5449.701	35.78	54.00	-18.22	RMS	180	146	Horizontal	
7267.913	40.74	54.00	-13.26	RMS	37	256	Vertical	

Table 228 - U-NII-8 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

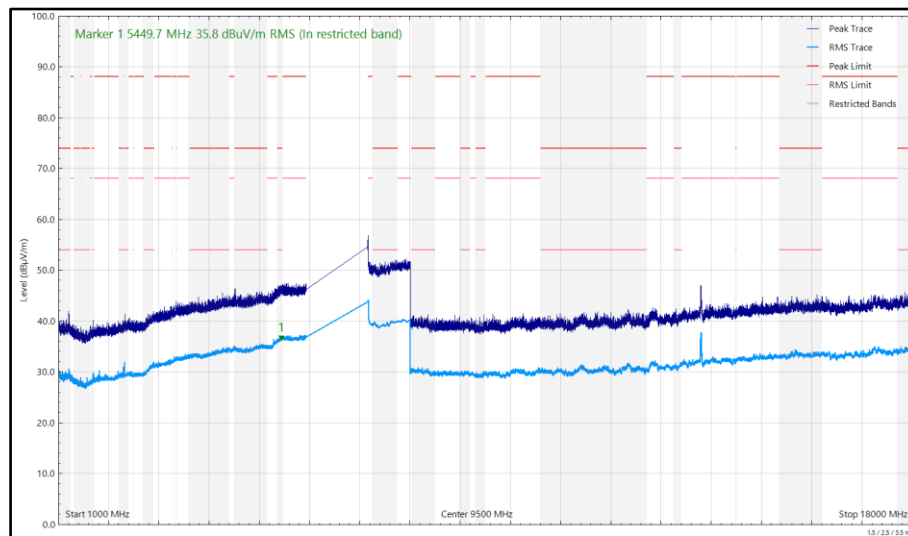


Figure 292 - U-NII-8 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

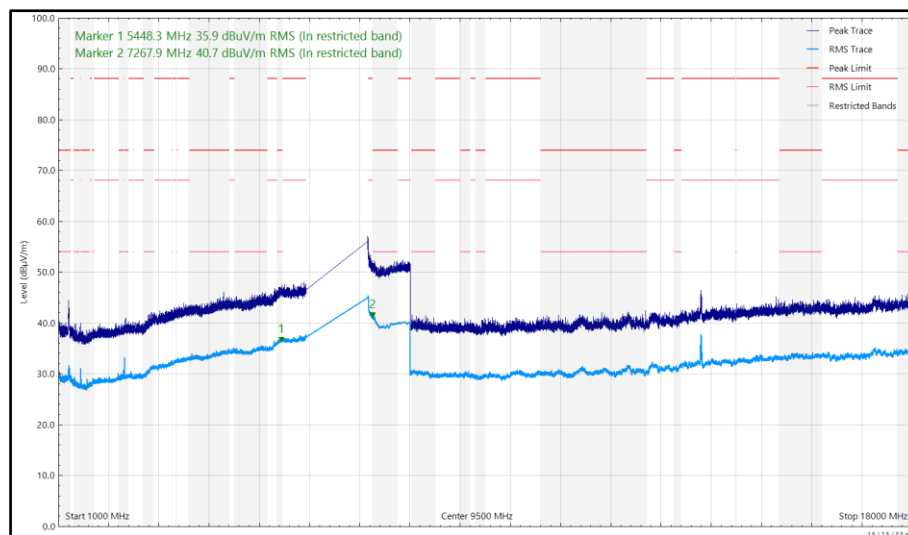


Figure 293 - U-NII-8 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
89.216	21.97	43.50	-21.53	Q-Peak	158	148	Vertical	
181.580	23.42	43.50	-20.08	Q-Peak	230	109	Vertical	
186.387	20.85	43.50	-22.65	Q-Peak	324	260	Horizontal	
5441.723	35.82	54.00	-18.18	RMS	25	380	Vertical	
5447.136	35.80	54.00	-18.20	RMS	242	258	Horizontal	
7250.724	43.26	54.00	-10.74	RMS	46	239	Vertical	
7252.245	55.22	74.00	-18.78	Peak	40	239	Vertical	
7286.418	39.89	54.00	-14.11	RMS	279	361	Horizontal	
20988.200	39.83	63.50	-23.67	RMS	187	100	Vertical	

Table 229 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

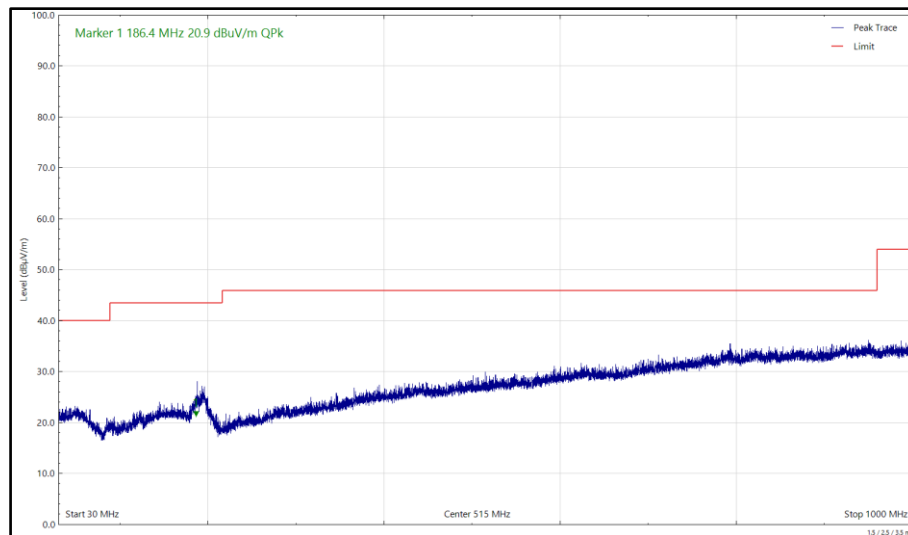


Figure 294 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

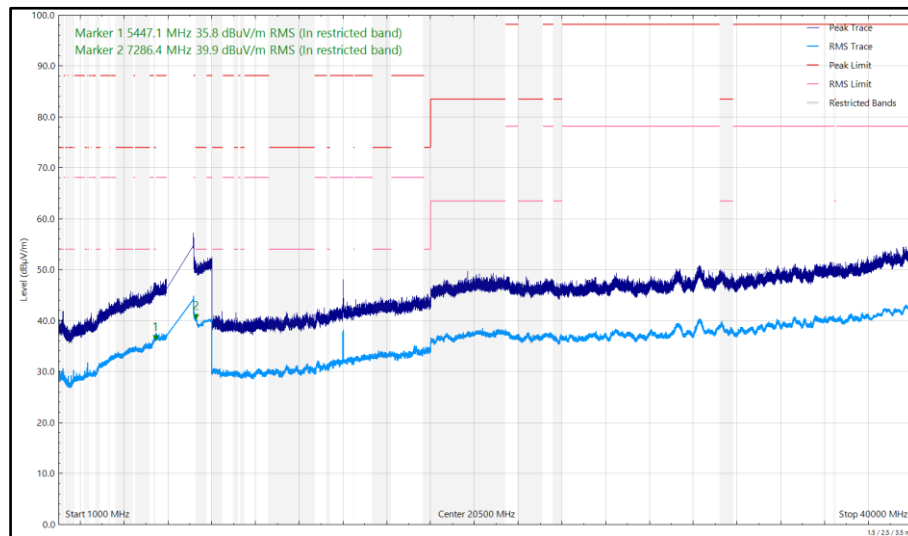


Figure 295 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

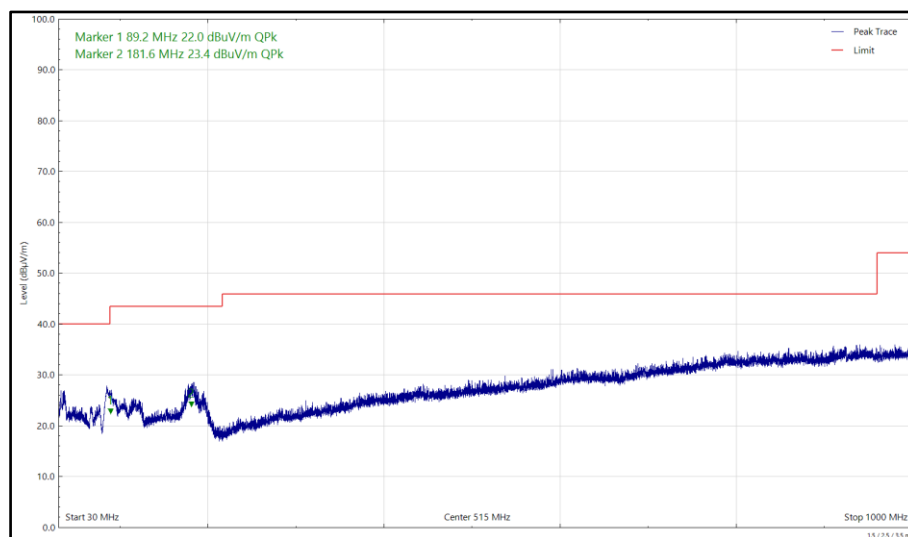


Figure 296 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

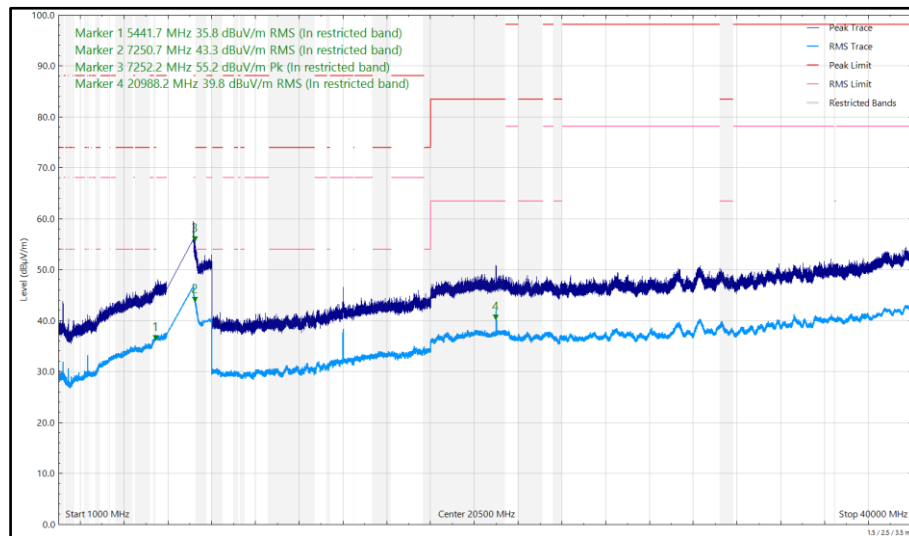


Figure 297 - U-NII-8 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
5448.870	35.77	54.00	-18.23	RMS	328	218	Horizontal	
5451.378	35.86	54.00	-18.14	RMS	232	400	Vertical	
7155.009	59.51	68.20	-8.69	RMS	311	390	Horizontal	
7155.117	77.47	88.20	-10.73	Peak	316	383	Horizontal	
7155.311	66.82	68.20	-1.38	RMS	44	269	Vertical	
7166.588	80.58	88.20	-7.62	Peak	323	262	Vertical	
7251.192	61.17	74.00	-12.83	Peak	323	283	Vertical	
7251.385	54.46	74.00	-19.54	Peak	283	390	Horizontal	
7251.984	44.95	54.00	-9.05	RMS	318	270	Vertical	
7256.403	41.32	54.00	-12.68	RMS	289	389	Horizontal	

Table 230 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

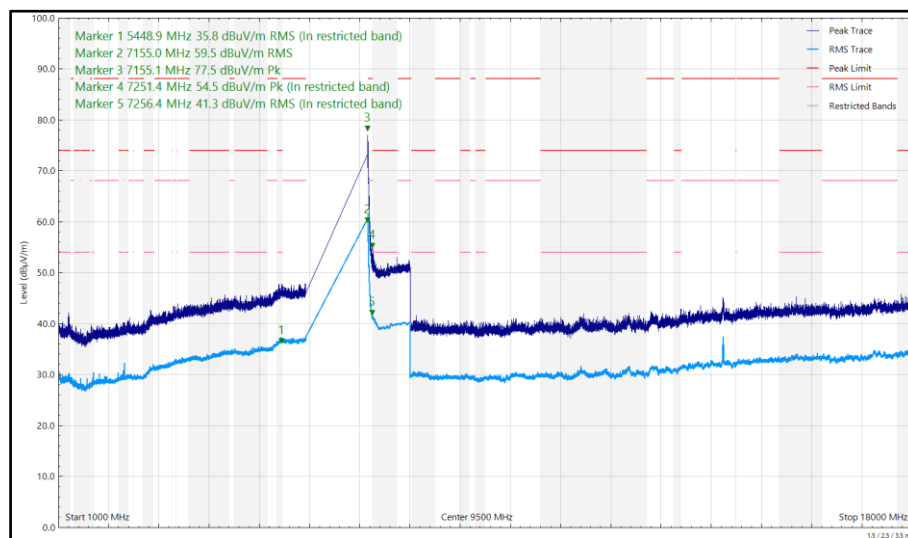


Figure 298 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

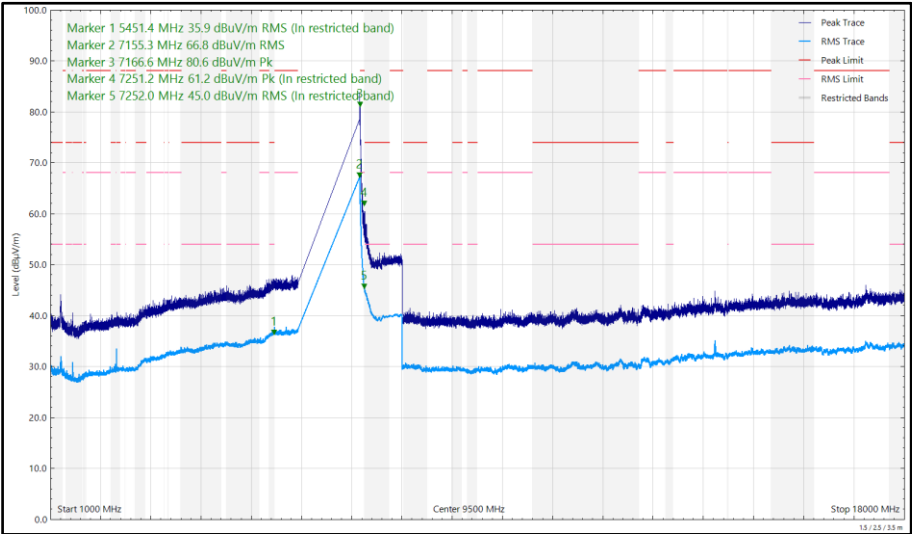


Figure 299 - U-NII-8 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical



FCC 47 CFR Part 15, Limit Clause 15.407(b)(6) and 15.209

Emissions not falling within the restricted bands listed in 15.205:

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/MHz.

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in 15.209.

Emissions within the restricted bands listed in FCC 47 CFR Part 15.205:

Frequency (MHz)	Field Strength ($\mu\text{V}/\text{m}$) at 3m	Field Strength Limit ($\text{dB}\mu\text{V}/\text{m}$) at 3m
30 to 88	100	40.00
88 to 216	150	43.52
216 to 960	200	46.02
Above 960	500	53.98

Table 231 - Radiated Emissions Limit Table (FCC)

ISED RSS-248, Limit Clause 4.6.2(a) and ISED RSS-GEN, Limit Clause 8.9

Emissions not falling within the restricted bands listed in ISED RSS-GEN, Clause 8.10:

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

Any emissions below 1000 MHz shall meet the general field strength limits specified in RSS-Gen

Emissions falling within the restricted bands listed in ISED RSS-GEN, Clause 8.10:

Frequency (MHz)	Field Strength ($\mu\text{V}/\text{m}$) at 3m	Field Strength Limit ($\text{dB}\mu\text{V}/\text{m}$) at 3m
30 to 88	100	40.00
88 to 216	150	43.52
216 to 960	200	46.02
Above 960	500	53.98

Table 232 - Radiated Emissions Limit Table (ISED)



2.6.8 Test Location and Test Equipment Used

This test was carried out in RF Chamber 17 and RF Chamber 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.6.1	5125	-	TU
EMI Test Receiver	Rohde & Schwarz	ESW44	5911	12	29-Oct-2026
DRG Horn Antenna (7.5-18GHz)	Schwarzbeck	HWRD750	5940	12	18-May-2026
TRILOG Super Broadband Test Antenna	Schwarzbeck	VULB 9168	5943	24	05-Sep-2027
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5960	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5961	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6007	12	06-Jun-2026
Digital Multimeter	Fluke	115	6145	12	06-Jun-2026
Humidity & Temperature meter	R.S Components	1364	6149	12	28-Aug-2026
Double Ridge Active Horn Antenna (18-40 GHz)	Com-Power	AHA-840	6188	24	31-Jul-2026
8GHz Highpass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6195	12	23-Apr-2026
Pre Amp 8 - 18 GHz	Wright Technologies	APS06 0061	6198	12	09-Jun-2026
Attenuator 4dB	Pasternack	PE7074-4	6201	24	05-Sep-2027
Cable (SMA to SMA 20cm)	TUV SUD	MH-FH 8-18	6214	12	23-Apr-2026
EMI Test Receiver	Rohde & Schwarz	ESW44	6294	12	24-Feb-2026
USB Spectrum Analyser	Signal Hound	SA124B	6295	-	TU
USB Spectrum Analyser	Signal Hound	SA124B	6298	-	TU
Digital Multimeter	Fluke	115	6345	12	24-Jul-2026
Humidity and Temperature Meter	R.S Components	1364	6346	12	13-Mar-2026
1m Coaxial Cable Assy	Junkosha	MWX221-01000AMSAMS/A	6354	12	15-Apr-2026
3m Semi-Anechoic Chamber	Albatross Projects	Chamber 18	6597	36	08-May-2028
AC Power Supply	iTech	IT7324	6657	-	TU
3m Semi-Anechoic Chamber	Albatross Projects	RF Chamber 17	6658	36	07-May-2028
Mast and Turntable Controller	Maturo Gmbh	FCU3.0	6659	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6660	-	TU
Turntable	Maturo Gmbh	TT1.5SI	6661	-	TU
2m Cable	Junkosha	MWX241-02000KMSKMS/B	6742	12	27-Apr-2026
Turntable	Maturo Gmbh	TT1.5SI	6797	-	TU
AC Programmable Power Supply	iTech	IT7324	6812	-	TU
Broad-Band Horn Antenna 1-10GHz N	Schwarzbeck	BBHA9120B	6825	12	14-Sep-2026



8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6846	12	23-Oct-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6850	12	23-Oct-2026
Cable Assembly	Pasternack	PE300-60	6859	-	TU
Cable Assembly	Pasternack	PE300-60	6860	-	TU
Cable Assembly	Pasternack	PE300-60	6861	-	TU
Cable Assembly	Pasternack	PE300-60	6863	-	TU
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6886	12	02-Dec-2026
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6975	12	05-Apr-2026
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6979	12	05-Apr-2026

Table 233

TU - Traceability Unscheduled



2.7 Unwanted Emissions within the 5925-7125 MHz band

2.7.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (b)
ISED RSS-24, Clause 4.6
ISED RSS-GEN, Clause 6.13

2.7.2 Equipment Under Test and Modification State

A3404, S/N: HWH7MHKN3X - Modification State 0
A3404, S/N: GGJ459HGJ6 - Modification State 0

2.7.3 Date of Test

05-January-2026 to 18-February-2026

2.7.4 Test Method

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

2.7.5 Environmental Conditions

Ambient Temperature	21.5 - 25.3 °C
Relative Humidity	35.5 - 46.5 %

2.7.6 Test Results

6GHz WLAN

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a20 LPI	-11.19	6403.400
802.11ax HE20 SU LPI	-11.83	7080.600
802.11ax HE40 SU LPI	-9.56	6779.847
802.11ax HE80 SU LPI	-9.25	6017.000
802.11ax HE160 SU LPI	-8.16	6580.000

Table 234 - Unwanted Emissions Within the RLAN Band Summary Results

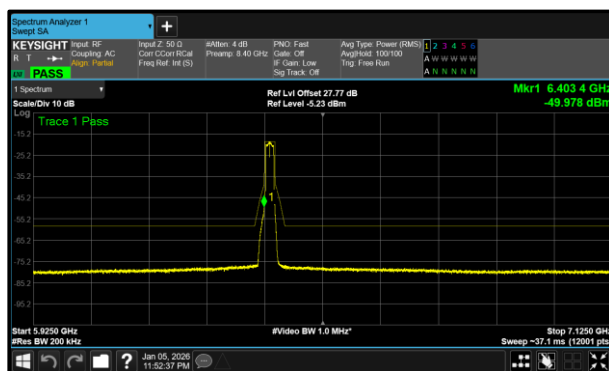


Figure 300 - B (Core 1) 802.11a20 LPI 6415 MHz (CH93)

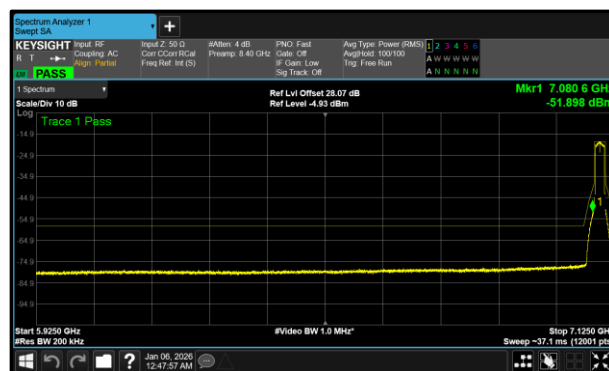


Figure 301 - B (Core 1) 802.11ax HE20 SU LPI 7095 MHz (CH229)

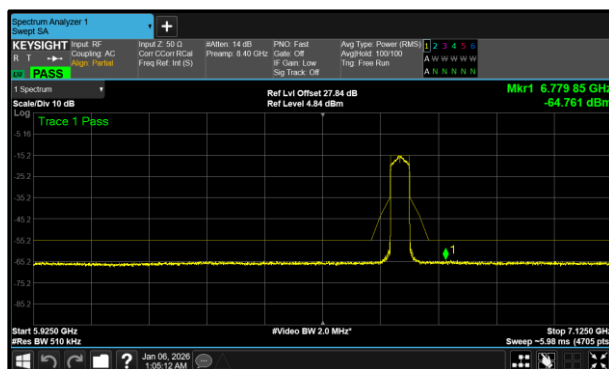


Figure 302 - B (Core 1) 802.11ax HE40 SU LPI 6685 MHz (CH147)

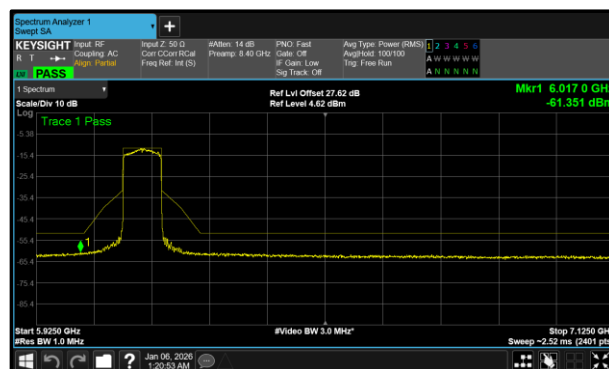


Figure 303 - A (Core 0) 802.11ax HE80 SU LPI 6145 MHz (CH39)

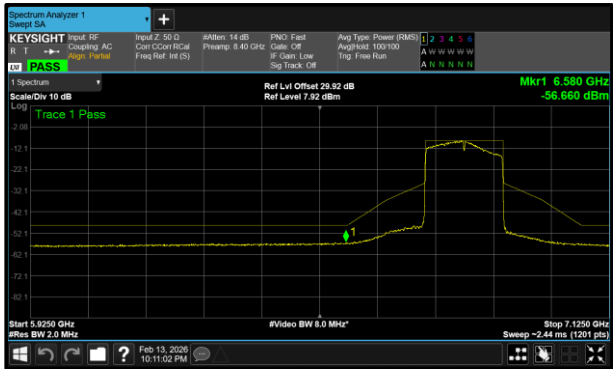


Figure 304 - B(Core 1) 802.11ax HE160 SU LPI
6825 MHz (CH175)



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 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:	802.11a20 LPI	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	0 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	-	-11.51	-	-
6175	-14.14	-	-	-
6415	-	-11.19	-	-
6435	-	-13.72	-	-
6475	-	-14.47	-	-
6515	-	-13.57	-	-
6535	-	-13.25	-	-
6695	-	-14.47	-	-
6855	-	-13.88	-	-
6875	-	-13.75	-	-
6895	-	-15.36	-	-
6995	-	-14.15	-	-
7095	-	-11.71	-	-
7115	-	-13.79	-	-

Table 235 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 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 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	0 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	-	-13.74	-	-
6175	-17.89	-	-	-
6415	-	-12.16	-	-
6435	-	-17.50	-	-
6475	-	-17.00	-	-
6515	-	-17.56	-	-
6535	-	-17.24	-	-
6695	-	-17.41	-	-
6855	-	-17.23	-	-
6875	-	-17.01	-	-
6895	-	-17.58	-	-
6995	-	-17.85	-	-
7095	-	-11.83	-	-

Table 236 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 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 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	0 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	-	-12.84	-	-
6165	-12.77	-	-	-
6405	-	-10.99	-	-
6445	-	-10.34	-	-
6485	-	-10.16	-	-
6525	-	-11.05	-	-
6565	-	-11.34	-	-
6685	-	-9.56	-	-
6845	-	-11.92	-	-
6885	-	-12.84	-	-
6925	-	-11.40	-	-
7005	-	-12.27	-	-
7085	-	-10.72	-	-

Table 237 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 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 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	0 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	-	-10.99	-	-
6145	-9.25	-	-	-
6385	-	-9.82	-	-
6465	-	-10.27	-	-
6545	-	-10.38	-	-
6625	-	-10.93	-	-
6705	-	-11.90	-	-
6785	-	-11.33	-	-
6865	-	-9.63	-	-
6945	-	-10.75	-	-
7025	-	-10.39	-	-

Table 238 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 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 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	0 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	-	-8.57	-	-
6185	-8.64	-	-	-
6345	-	-9.46	-	-
6505	-	-9.32	-	-
6665	-	-8.79	-	-
6825	-	-8.16	-	-
6985	-	-8.27	-	-

Table 239 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	-10.88	6983.800
802.11ax HE20 RU26 LPI	-11.47	6984.000
802.11ax HE20 RU52 LPI	-11.01	6523.900

Table 240 - Unwanted Emissions Within the RLAN Band Summary Results

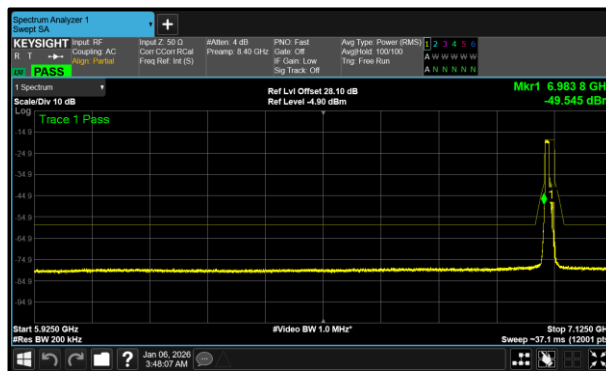


Figure 305 - B (Core 1) 802.11ax HE20 RU106 LPI
6995 MHz (CH209)

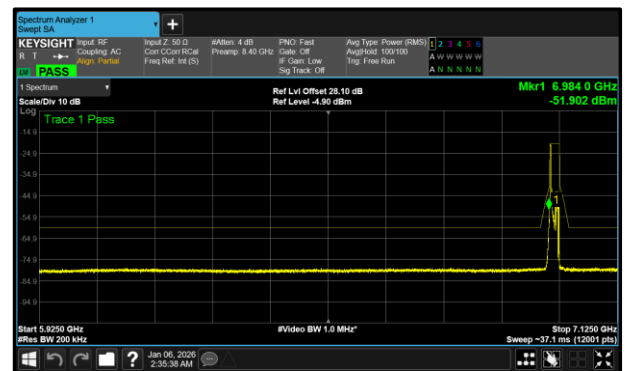


Figure 306 - B (Core 1) 802.11ax HE20 RU26 LPI
6995 MHz (CH209)

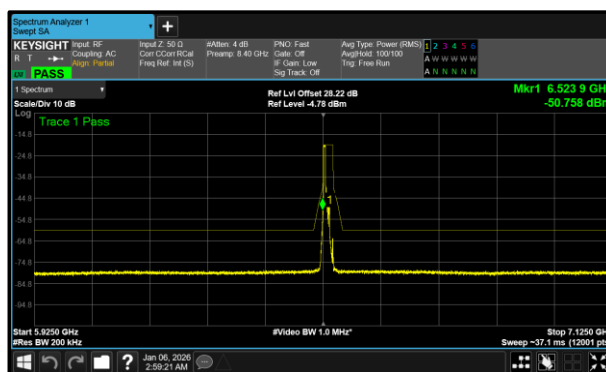


Figure 307 - B (Core 1) 802.11ax HE20 RU52 LPI
6535 MHz (CH117)



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 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 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	0 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU26.0)	-	-12.04	-	-
6175 (RU26.0)	-12.01	-	-	-
6415 (RU26.8)	-	-13.42	-	-
6435 (RU26.0)	-	-13.86	-	-
6475 (RU26.0)	-	-12.86	-	-
6515 (RU26.8)	-	-13.29	-	-
6535 (RU26.0)	-	-13.26	-	-
6695 (RU26.0)	-	-12.47	-	-
6855 (RU26.8)	-	-12.87	-	-
6875 (RU26.3)	-	-18.60	-	-
6875 (RU26.5)	-	-18.62	-	-
6895 (RU26.0)	-	-13.74	-	-
6995 (RU26.0)	-	-11.47	-	-
7095 (RU26.8)	-	-13.27	-	-

Table 241 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 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 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	0 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	-	-11.33	-	-
6175 (RU52.37)	-13.36	-	-	-
6415 (RU52.40)	-	-14.01	-	-
6435 (RU52.37)	-	-11.47	-	-
6475 (RU52.37)	-	-12.94	-	-
6515 (RU52.40)	-	-13.42	-	-
6535 (RU52.37)	-	-11.01	-	-
6695 (RU52.37)	-	-12.77	-	-
6855 (RU52.40)	-	-12.97	-	-
6875 (RU52.38)	-	-18.57	-	-
6875 (RU52.39)	-	-18.35	-	-
6895 (RU52.37)	-	-12.56	-	-
6995 (RU52.37)	-	-11.48	-	-
7095 (RU52.40)	-	-13.33	-	-

Table 242 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 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 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	0 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	-	-12.73	-	-
6175 (RU106.53)	-12.07	-	-	-
6415 (RU106.54)	-	-14.31	-	-
6435 (RU106.53)	-	-12.65	-	-
6475 (RU106.53)	-	-13.23	-	-
6515 (RU106.54)	-	-13.67	-	-
6535 (RU106.53)	-	-11.55	-	-
6695 (RU106.53)	-	-12.21	-	-
6855 (RU106.54)	-	-14.11	-	-
6875 (RU106.53)	-	-12.11	-	-
6875 (RU106.54)	-	-13.37	-	-
6895 (RU106.53)	-	-11.68	-	-
6995 (RU106.53)	-	-10.88	-	-
7095 (RU106.54)	-	-14.13	-	-

Table 243 - Unwanted Emissions Within the Band Results

Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a20 VLP	-10.96	6403.500
802.11ax HE20 SU VLP	-11.27	6402.800
802.11ax HE40 SU VLP	-9.56	6297.194
802.11ax HE80 SU VLP	-9.41	6273.500
802.11ax HE160 SU VLP	-8.13	6240.000

Table 244 - Unwanted Emissions Within the RLAN Band Summary Results

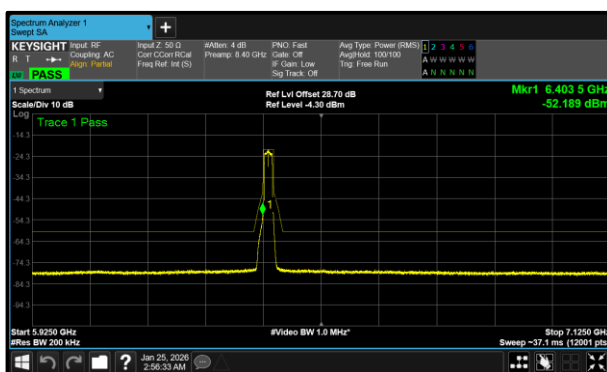


Figure 308 - B (Core 1) 802.11a20 VLP 6415 MHz (CH93)

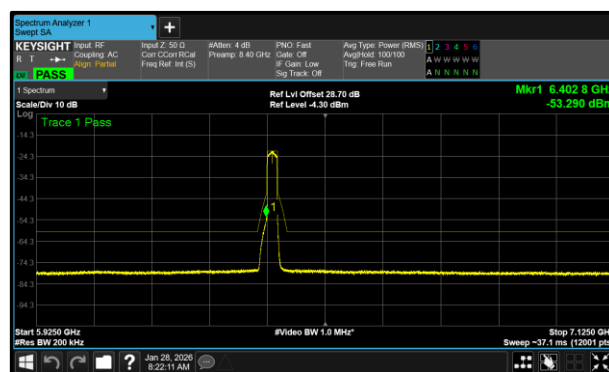


Figure 309 - B (Core 1) 802.11ax HE20 SU VLP 6415 MHz (CH93)

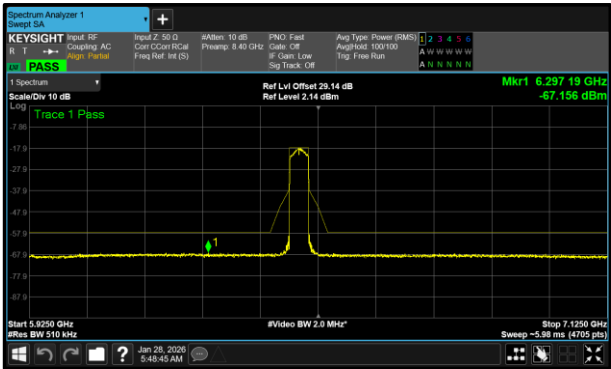


Figure 310 - B (Core 1) 802.11ax HE40 SU VLP
6485 MHz (CH107)

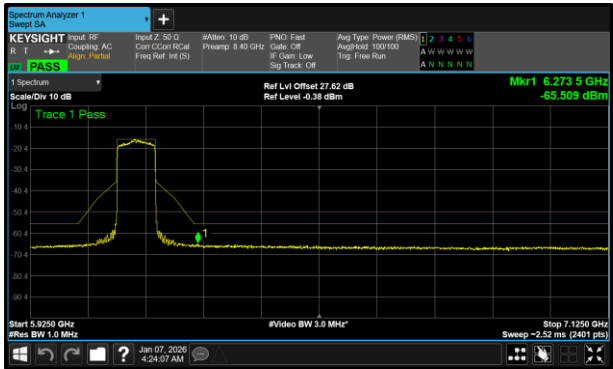


Figure 311 - A (Core 0) 802.11ax HE80 SU VLP
6145 MHz (CH39)

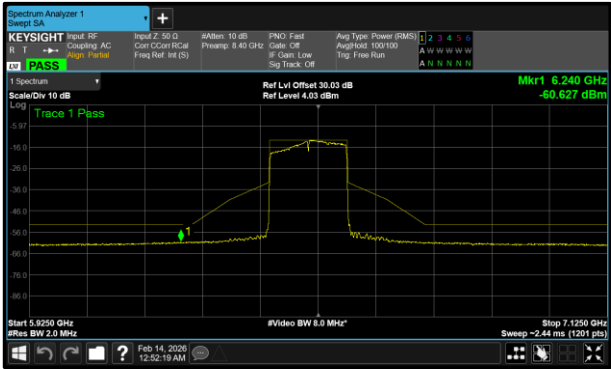


Figure 312 - B (Core 1) 802.11ax HE160 SU VLP
6505 MHz (CH111)



Test Configuration			
Frequency Range:	6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-7 U-NII-8
Limit Clause(s):	15.407(b)	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11a20 VLP	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6115	-13.66	-	-	-
6255	-14.41	-	-	-
6415	-	-10.96	-	-
6435	-	-13.27	-	-
6475	-	-14.17	-	-
6515	-	-13.95	-	-
6535	-	-14.03	-	-
6695	-	-13.93	-	-
6855	-	-13.98	-	-
6875	-	-14.35	-	-
6895	-	-14.62	-	-
6995	-	-13.45	-	-
7095	-	-11.78	-	-

Table 245 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	6.525-6.875 GHz 6.875-7.125 GHz	Band:	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 VLP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6115	-16.51	-	-	-
6255	-17.27	-	-	-
6415	-	-11.27	-	-
6435	-	-16.34	-	-
6475	-	-15.74	-	-
6515	-	-17.11	-	-
6535	-	-17.09	-	-
6695	-	-18.33	-	-
6855	-	-15.93	-	-
6875	-	-17.88	-	-
6895	-	-17.58	-	-
6995	-	-17.47	-	-
7095	-	-11.73	-	-

Table 246 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 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 VLP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	0 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6125	-11.29	-	-	-
6285	-	-10.77	-	-
6405	-	-10.39	-	-
6445	-	-11.86	-	-
6485	-	-9.56	-	-
6525	-	-10.98	-	-
6565	-	-11.58	-	-
6685	-	-11.38	-	-
6845	-	-11.34	-	-
6885	-	-10.41	-	-
6925	-	-12.75	-	-
7005	-	-11.66	-	-
7085	-	-11.41	-	-

Table 247 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 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 VLP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	0 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6145	-9.41	-	-	-
6385	-	-10.31	-	-
6465	-	-9.75	-	-
6545	-	-10.87	-	-
6625	-	-11.34	-	-
6705	-	-10.01	-	-
6785	-	-11.20	-	-
6865	-	-10.68	-	-
6945	-	-10.30	-	-
7025	-	-11.40	-	-

Table 248 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 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 VLP	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0) B (Core 1)	Active Chain Id(s):	0 1

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6185	-8.71	-	-	-
6345	-	-9.43	-	-
6505	-	-8.13	-	-
6665	-	-8.94	-	-
6825	-	-8.30	-	-
6985	-	-8.49	-	-

Table 249 - Unwanted Emissions Within the Band Results