

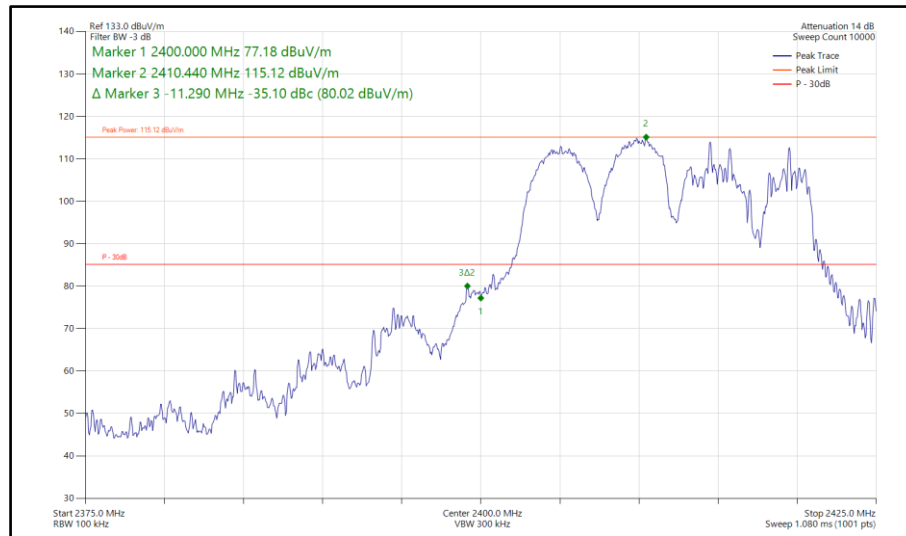


**Figure 351 - 802.11be EHT20, RU106+26-82, CDD, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz**

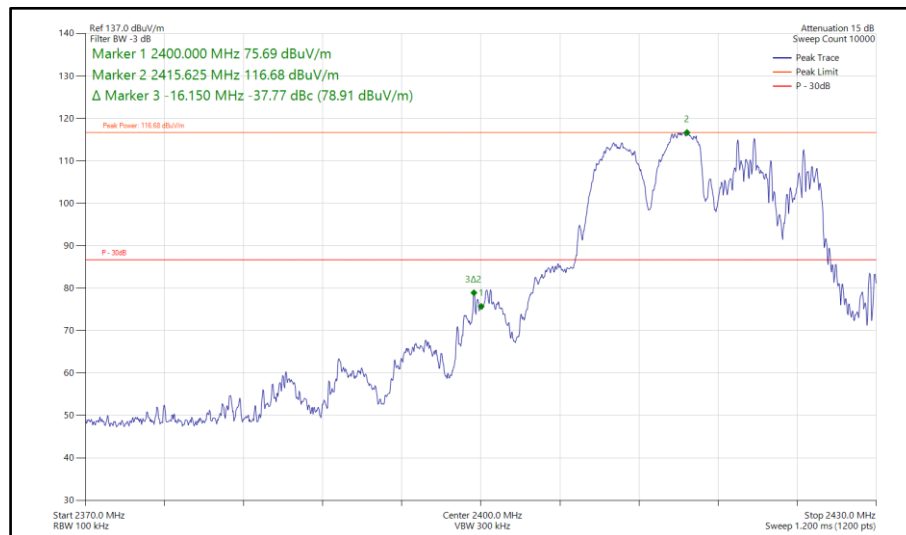


**Figure 352 - 802.11be EHT20, RU106+26-82, CDD, Core 0-1 - 2417 MHz
Band Edge Frequency 2400 MHz**

20 MHz Bandwidth - Core 0-1 (SDM)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBc)
802.11n HT20	MCS 4	-	-	2412	2400	-34.73
802.11n HT20	MCS 7	-	-	2417	2400	-35.18
802.11n HT20	MCS 7	-	-	2422	2400	-41.23
802.11n HT20	MCS 4	-	-	2427	2400	-46.08
802.11n HT20	MCS 7	-	-	2432	2400	-49.29
802.11ax HE20	MCS 9x2	SU	-	2412	2400	-34.62
802.11ax HE20	MCS 9x2	106	53	2412	2400	-36.05
802.11ax HE20	MCS 4x2	SU	-	2417	2400	-34.96
802.11ax HE20	MCS 9x2	106	53	2417	2400	-44.52
802.11ax HE20	MCS 9x2	SU	-	2422	2400	-39.95
802.11ax HE20	MCS 4x2	SU	-	2427	2400	-46.01
802.11ax HE20	MCS 9x2	SU	-	2432	2400	-50.03
802.11be EHT20	MCS 9x2	106+26	82	2412	2400	-35.63
802.11be EHT20	MCS 9x2	106+26	83	2417	2400	-41.49

Table 130 - SDM Authorised Band Edge Results

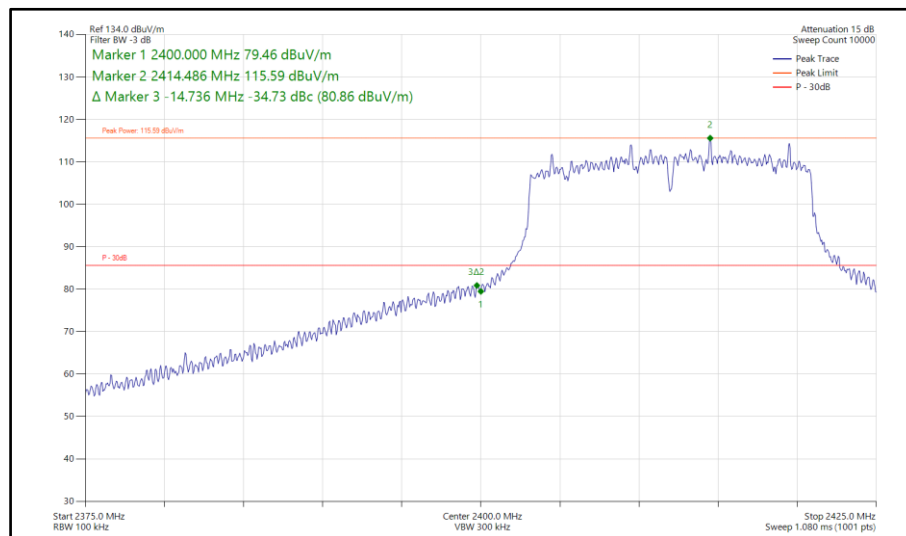


Figure 353 - 802.11n HT20, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz

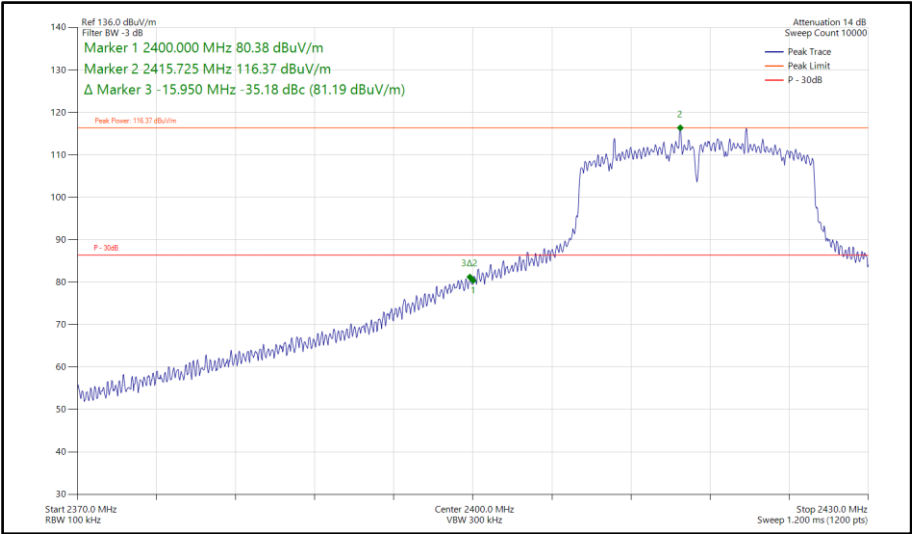


Figure 354 - 802.11n HT20, SDM, Core 0-1 - 2417 MHz
Band Edge Frequency 2400 MHz

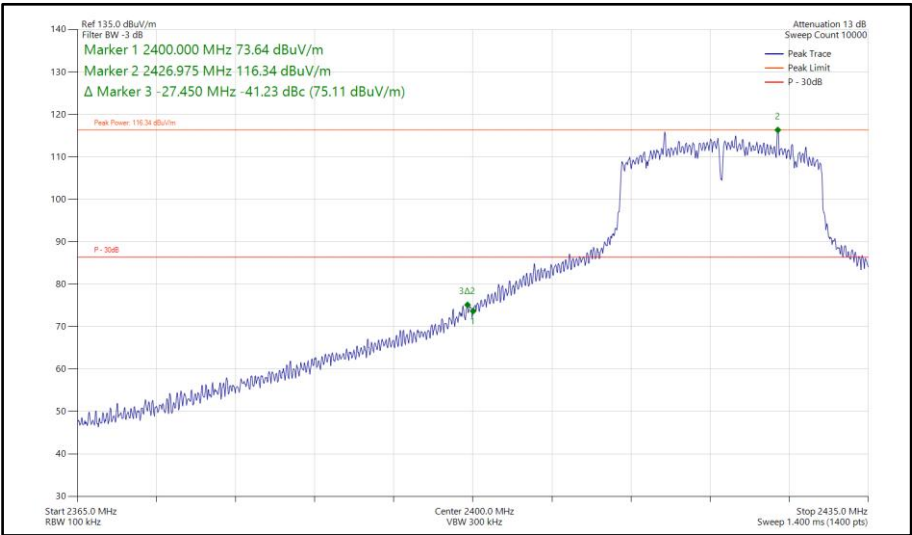


Figure 355 - 802.11n HT20, SDM, Core 0-1 - 2422 MHz
Band Edge Frequency 2400 MHz

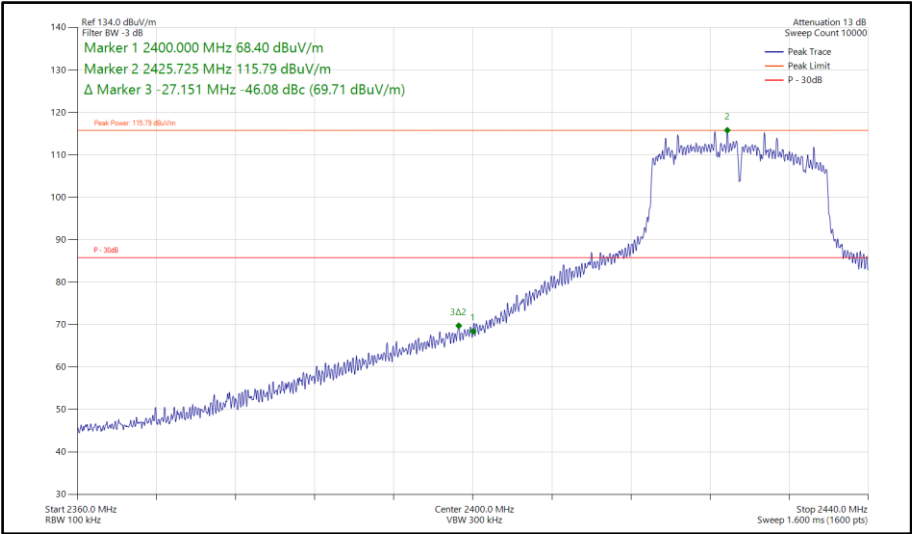


Figure 356 - 802.11n HT20, SDM, Core 0-1 - 2427 MHz
Band Edge Frequency 2400 MHz

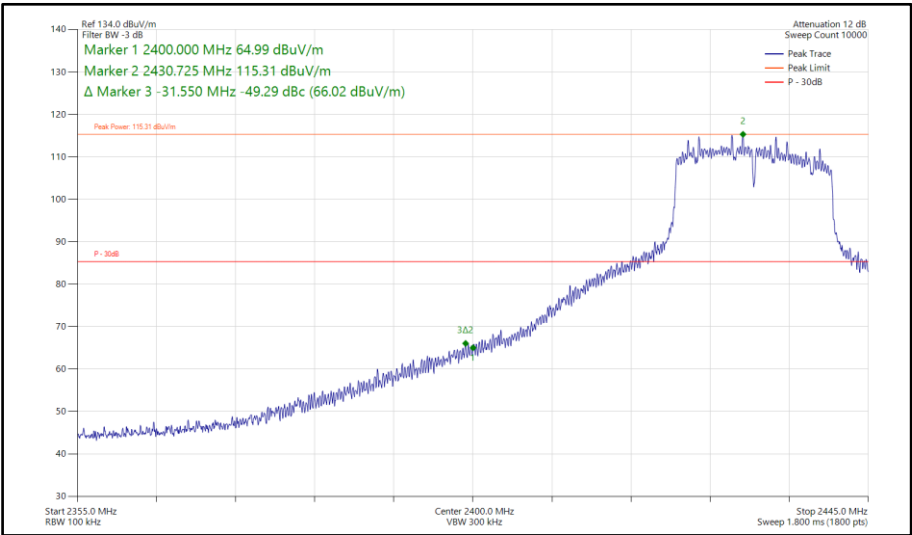


Figure 357 - 802.11n HT20, SDM, Core 0-1 - 2432 MHz
Band Edge Frequency 2400 MHz

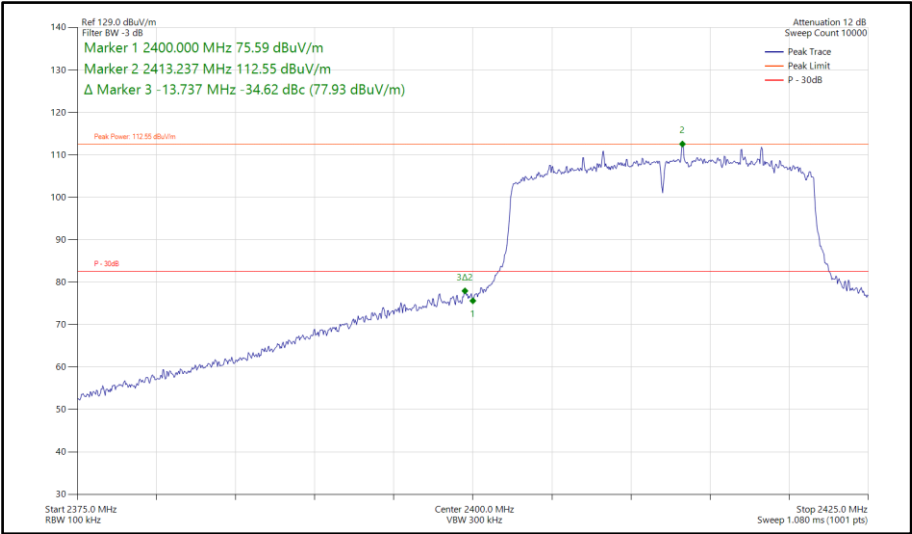


Figure 358 - 802.11ax HE20, SU, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz

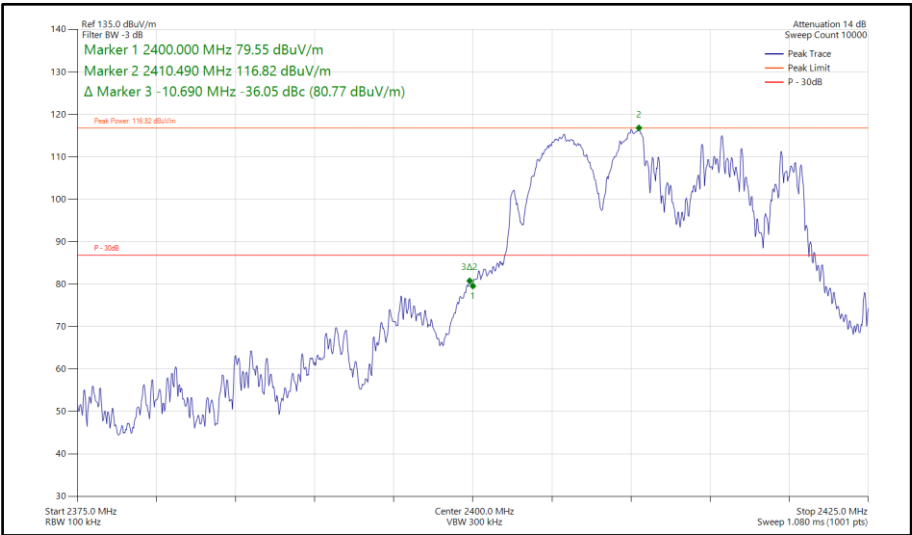


Figure 359 - 802.11ax HE20, RU106-53, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz

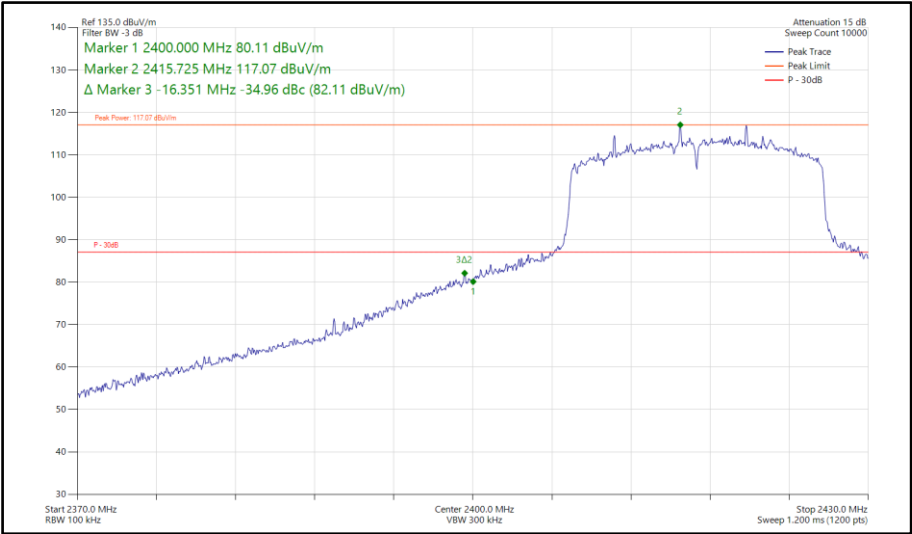


Figure 360 - 802.11ax HE20, SU, SDM, Core 0-1 - 2417 MHz
Band Edge Frequency 2400 MHz

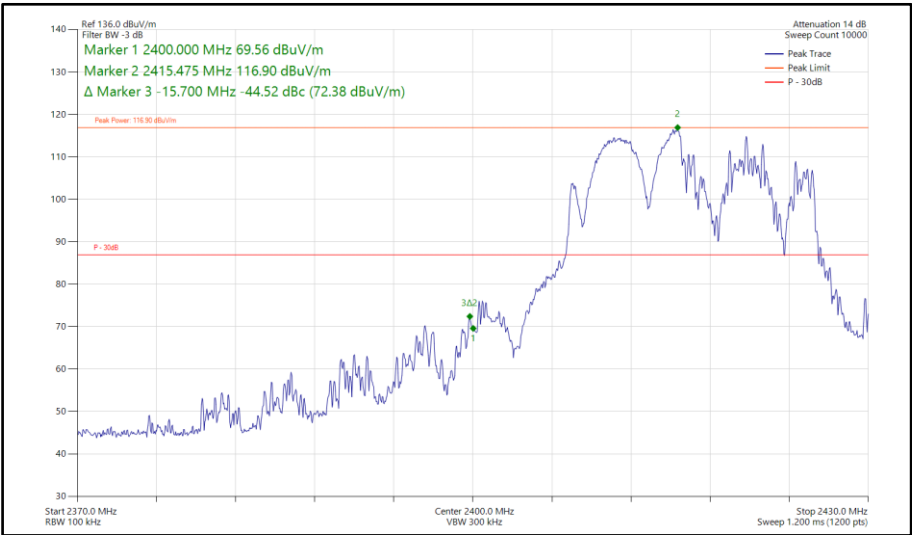


Figure 361 - 802.11ax HE20, RU106-53, SDM, Core 0-1 - 2417 MHz
Band Edge Frequency 2400 MHz

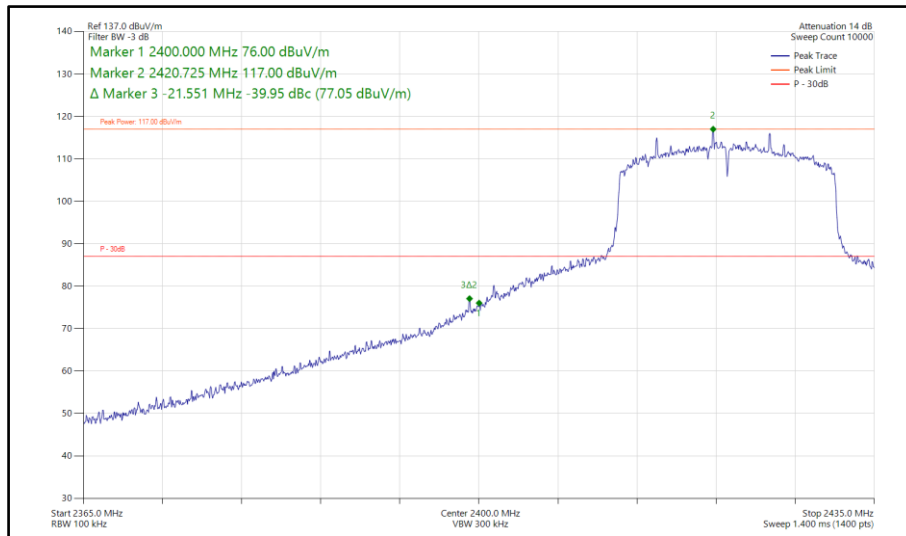


**Figure 362 - 802.11ax HE20, SU, SDM, Core 0-1 - 2422 MHz
Band Edge Frequency 2400 MHz**

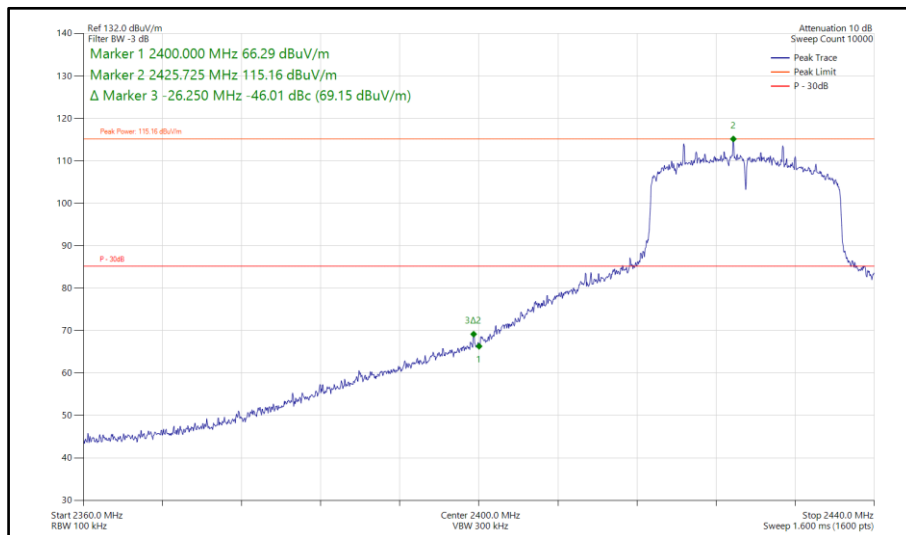


**Figure 363 - 802.11ax HE20, SU, SDM, Core 0-1 - 2427 MHz
Band Edge Frequency 2400 MHz**

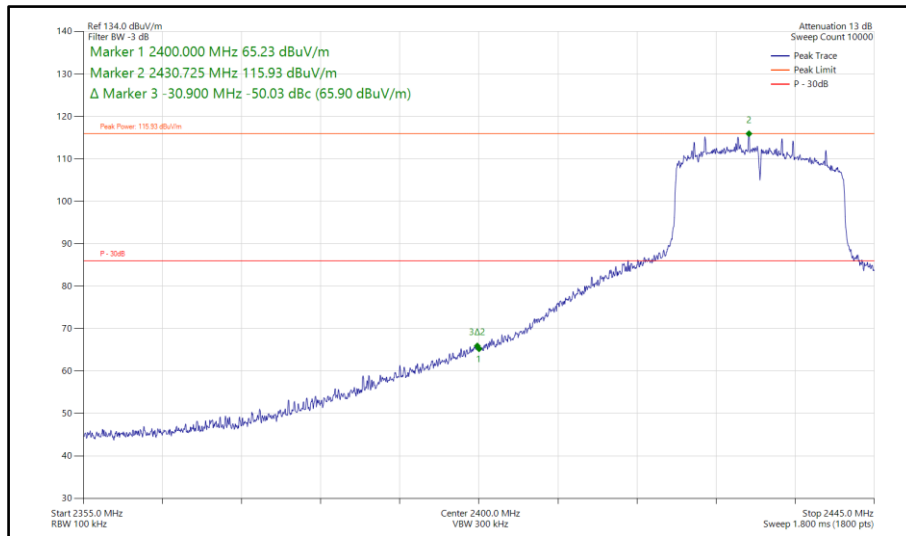


**Figure 364 - 802.11ax HE20, SU, SDM, Core 0-1 - 2432 MHz
Band Edge Frequency 2400 MHz**

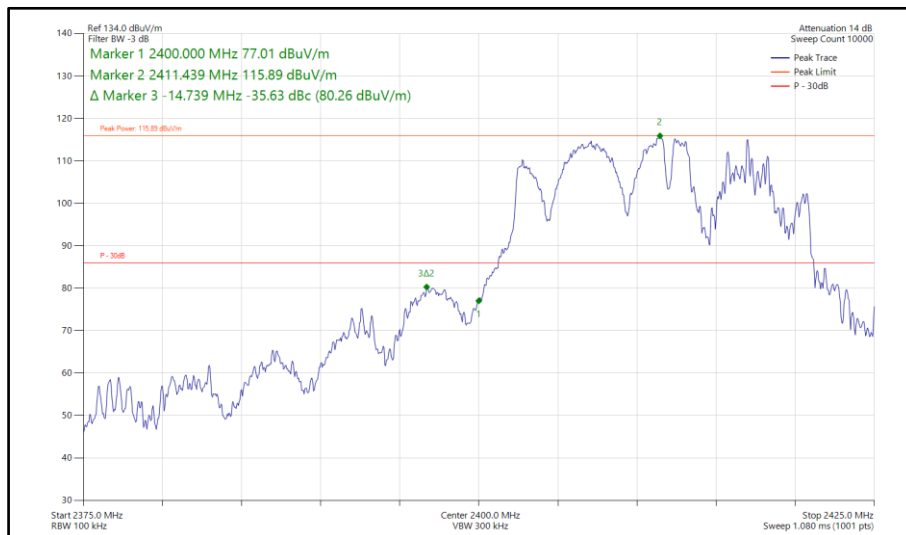


**Figure 365 - 802.11be EHT20, RU106+26-82, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz**

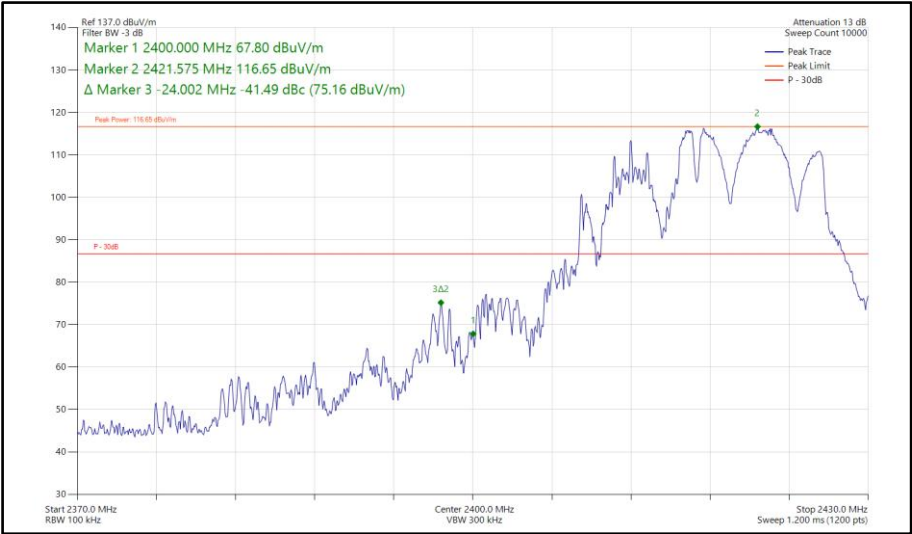


Figure 366 - 802.11be EHT20, RU106+26-83, SDM, Core 0-1 - 2417 MHz
Band Edge Frequency 2400 MHz

20 MHz Bandwidth - Core 0-1 (TxBF)

Mode	Data Rate/MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBc)
802.11ac VHT20	MCS 2x1	-	-	2412	2400	-34.78
802.11ac VHT20	MCS 4x1	-	-	2417	2400	-35.71
802.11ac VHT20	MCS 8x1	-	-	2422	2400	-39.62
802.11ac VHT20	MCS 8x1	-	-	2427	2400	-47.96
802.11ac VHT20	MCS 8x1	-	-	2432	2400	-46.65
802.11ax HE20	MCS 4x1	SU	-	2412	2400	-35.03
802.11ax HE20	MCS 9x1	SU	-	2417	2400	-35.01
802.11ax HE20	MCS 9x1	SU	-	2422	2400	-42.10
802.11ax HE20	MCS 9x1	SU	-	2427	2400	-47.61
802.11ax HE20	MCS 9x1	SU	-	2432	2400	-46.15

Table 131 - TxBF Authorised Band Edge Results

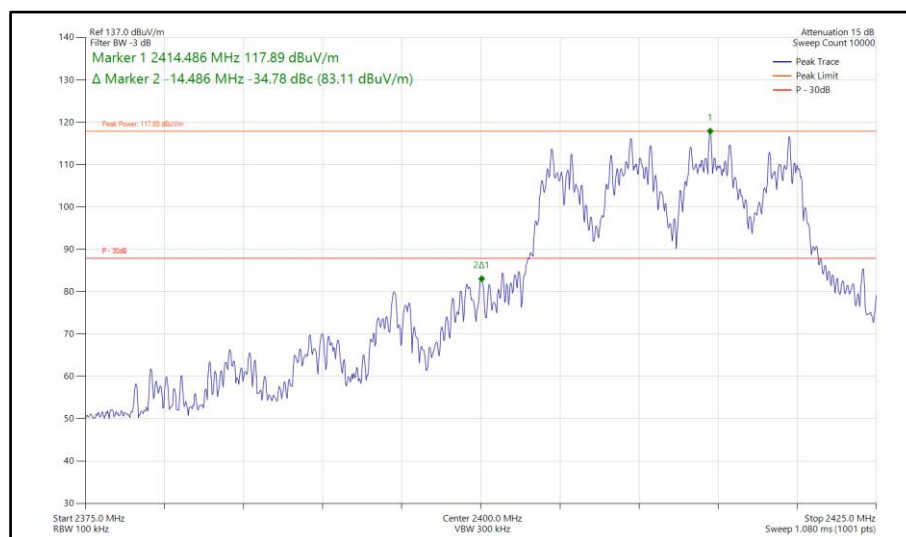


Figure 367 - 802.11ac VHT20, TxBF, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz

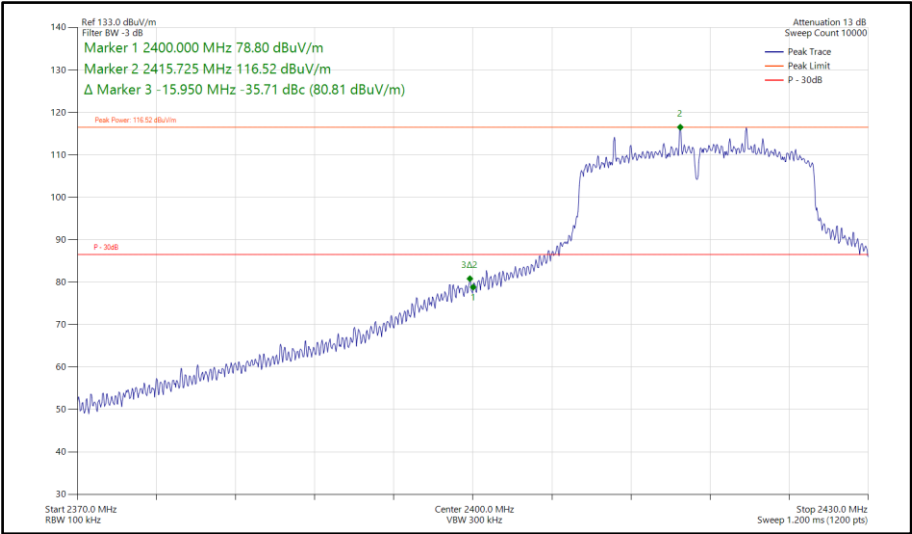


Figure 368 - 802.11ac VHT20, TxBF, Core 0-1 - 2417 MHz
Band Edge Frequency 2400 MHz

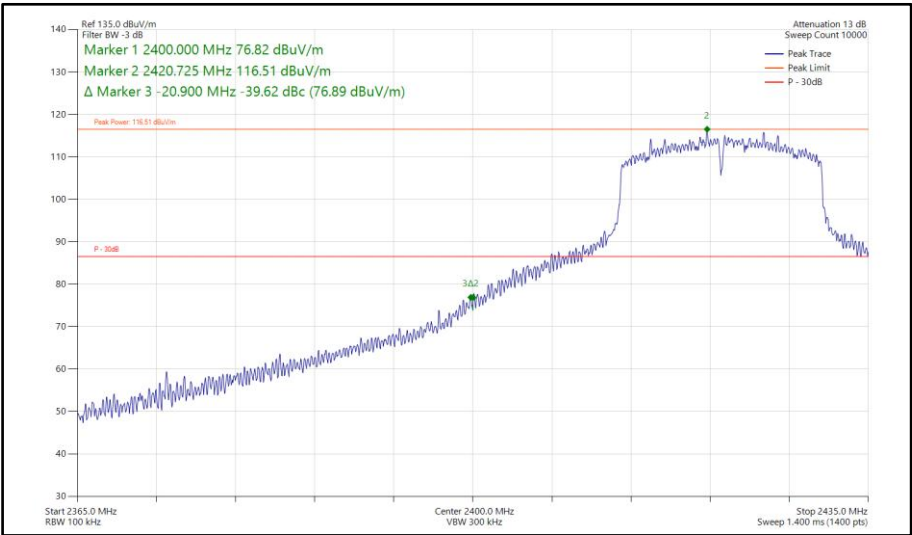


Figure 369 - 802.11ac VHT20, TxBF, Core 0-1 - 2422 MHz
Band Edge Frequency 2400 MHz

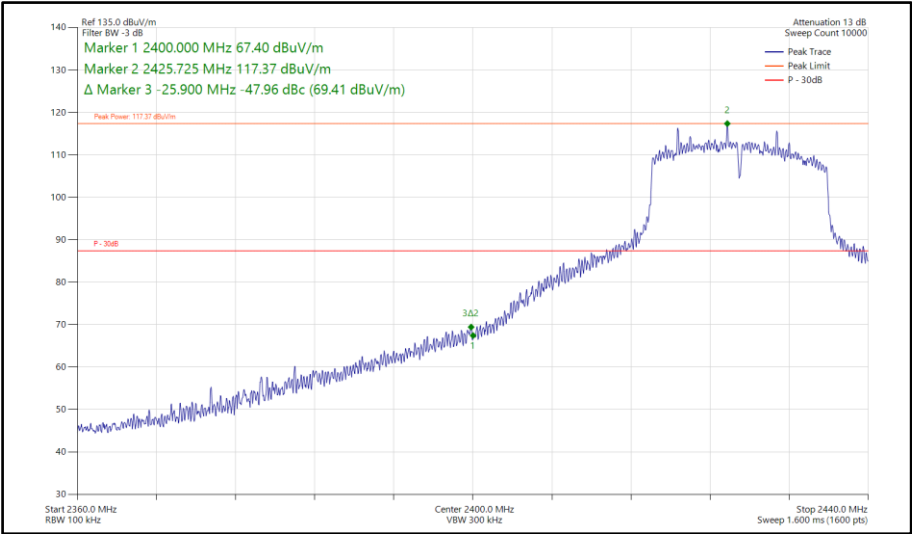


Figure 370 - 802.11ac VHT20, TxBF, Core 0-1 - 2427 MHz
Band Edge Frequency 2400 MHz

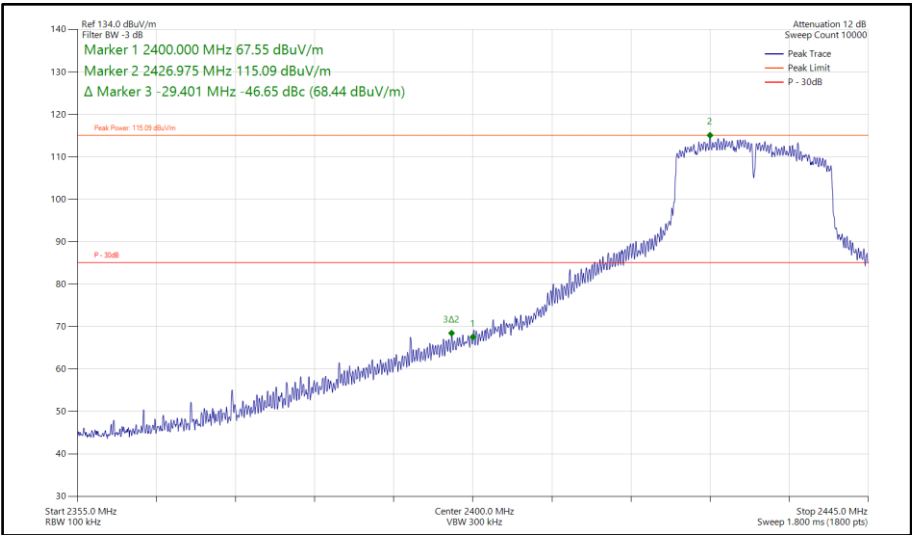


Figure 371 - 802.11ac VHT20, TxBF, Core 0-1 - 2432 MHz
Band Edge Frequency 2400 MHz

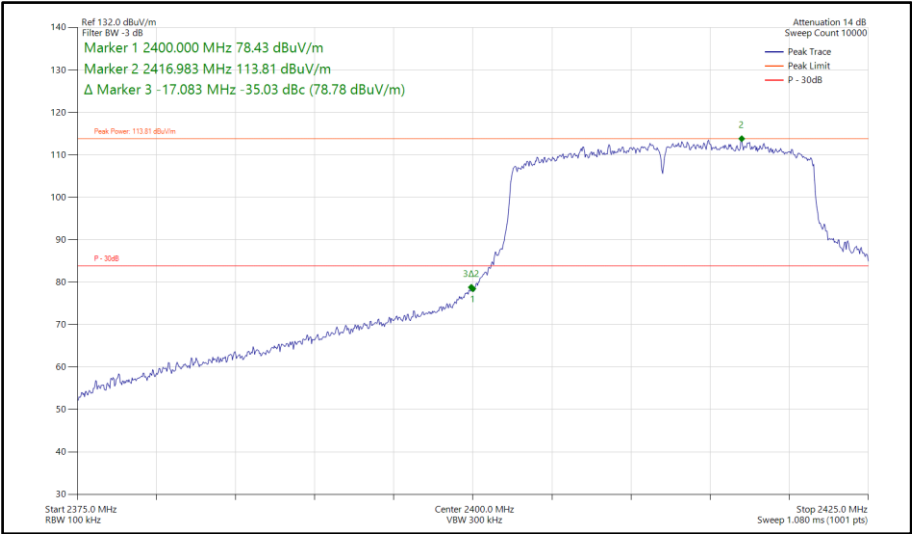


Figure 372 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz

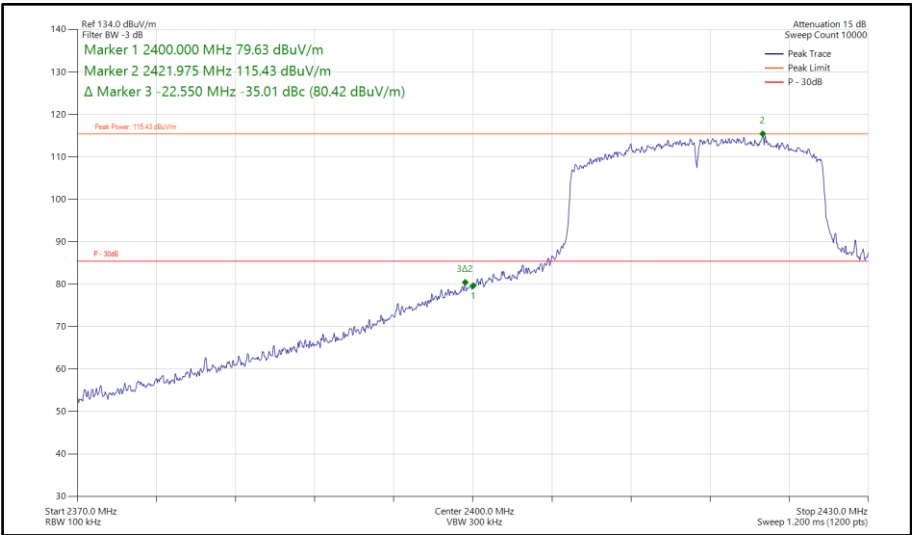


Figure 373 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2417 MHz
Band Edge Frequency 2400 MHz

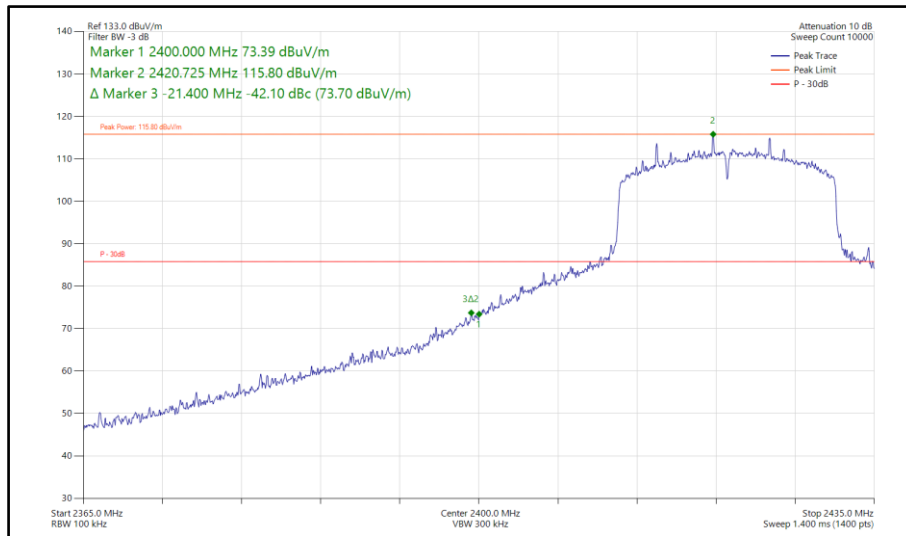


**Figure 374 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2422 MHz
Band Edge Frequency 2400 MHz**

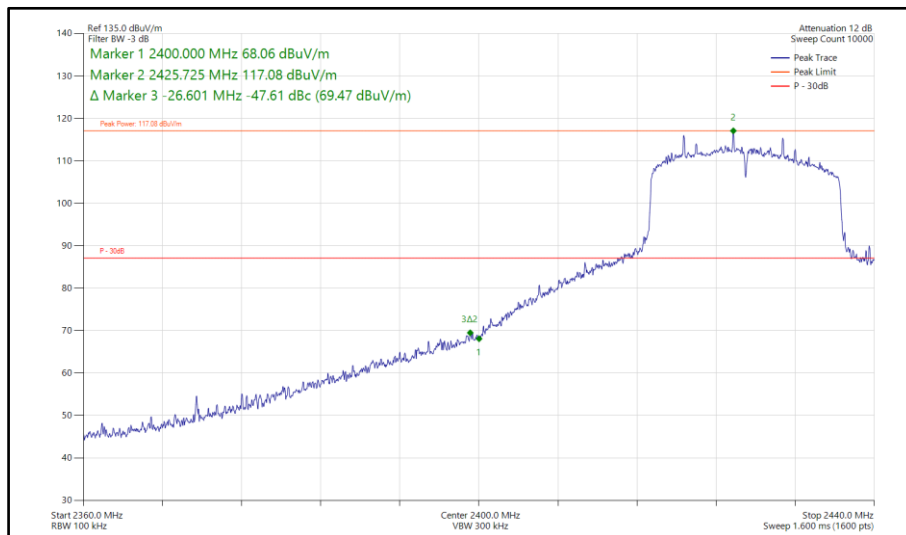


**Figure 375 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2427 MHz
Band Edge Frequency 2400 MHz**

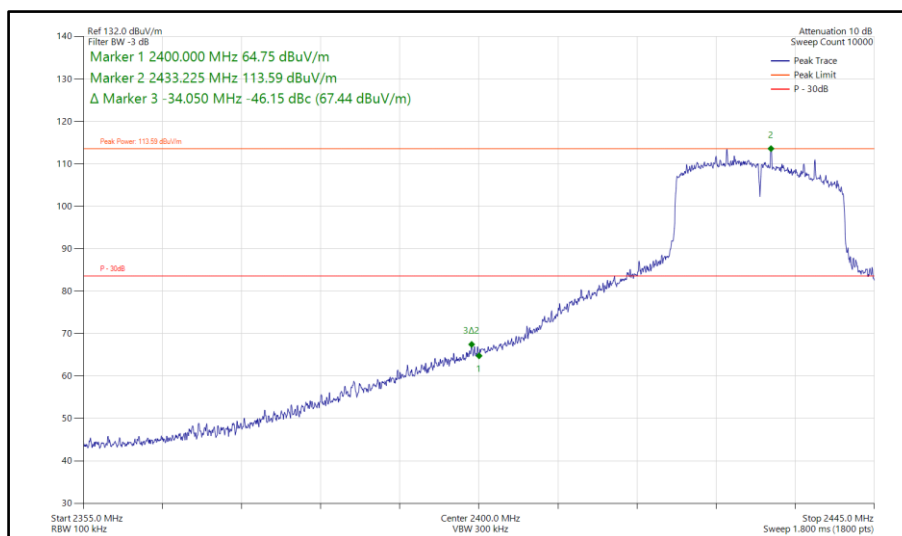


**Figure 376 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2432 MHz
Band Edge Frequency 2400 MHz**

FCC 47 CFR Part 15, Limit Clause 15.247 (d)

20 dB below the fundamental measured in a 100 kHz bandwidth using a peak detector. If the transmitter complies with the conducted power limits, based on the use of RMS averaging over a time interval, the attenuation required shall be 30 dB below the fundamental instead of 20 dB.

ISED RSS-247, Limit Clause 6.6

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under Section 5.4(4), the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general field strength limits specified in RSS-Gen is not required.



2.4.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14 and RF Chamber 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.6.3 V.	5125	-	O/P Mon
EMI Test Receiver	Rohde & Schwarz	ESW44	5911	12	29-Oct-2026
EMI Test Receiver	Rohde & Schwarz	ESW44	5912	12	04-Sep-2026
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	O/P Mon
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 14	5958	36	23-Apr-2028
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
Horn Antenna (1-10.5 GHz)	Schwarzbeck	BBHA9120B	6140	12	14-Sep-2026
Digital Multimeter	Fluke	115	6145	12	02-Jun-2027
Digital Multimeter	Fluke	115	6147	12	03-Jun-2027
Humidity & Temperature meter	R.S Components	1364	6149	12	28-Aug-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6190	12	11-Dec-2026
3m Semi-Anechoic Chamber	Albatross Projects	Chamber 18	6597	36	08-May-2028
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	6795	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6796	-	TU
Turntable	Maturo Gmbh	TT1.5SI	6797	-	TU
AC Programmable Power Supply	iTech	IT7324	6812	-	O/P Mon
Broad-Band Horn Antenna 1-10GHz N	Schwarzbeck	BBHA9120B	6825	12	14-Sep-2026
Handheld Hygrometer	Fluke	971	6838	12	16-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6841	12	23-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6842	12	23-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6843	12	06-Sep-2026



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6848	12	23-Oct-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6850	12	23-Oct-2026
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6886	12	2-Dec 2026

Table 132

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 15C, Clause 15.209 and 15.247 (d)
ISED RSS-247, Clause 2.4 and 6.6
ISED RSS-GEN, Clause 6.13 and 8.9

2.5.2 Equipment Under Test and Modification State

A3376, S/N: C94XWY32P5 - Modification State 0
A3376, S/N: CHG7QX1HD2 - Modification State 0

2.5.3 Date of Test

14-August-2026 to 09-September-2026

2.5.4 Test Method

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

Ports on the EUT were terminated with loads as described in ANSI C63.10 clause 6.2.3.

The EUT was placed on the non-conducting platform in a manner typical of a normal installation.

The plots shown are the characterisation of the EUT. The limits on the plots represent the most stringent case for restricted bands, (74/54 dB μ V/m) when compared to 20 dBc outside restricted bands. The limits shown have been used as a threshold to determine where further measurements are necessary. Where results are within 10 dB 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 dB μ V/m to μ V/m:
 $10^{(\text{Field Strength in dB}\mu\text{V/m}/20)}$.

Above 18 GHz, the measurement distance was reduced to 1 m. The limit line was increased by $20 \cdot \text{LOG}(3/1) = 9.54$ dB.

At a measurement distance of 1 meter the limit line was increased by $20 \cdot \text{LOG}(3/1) = 9.54$ dB.

Where formal measurements have been necessary, the results have been presented in the emissions table.

A reduced frequency range for testing was employed on some of the test modes within this test section, based on the manufacturers RSE test plan. With and reduction based on their pre-assessment of the device, to determine the ranges and test channels that were most likely to produce emissions.

2.5.5 Example Test Setup Diagram

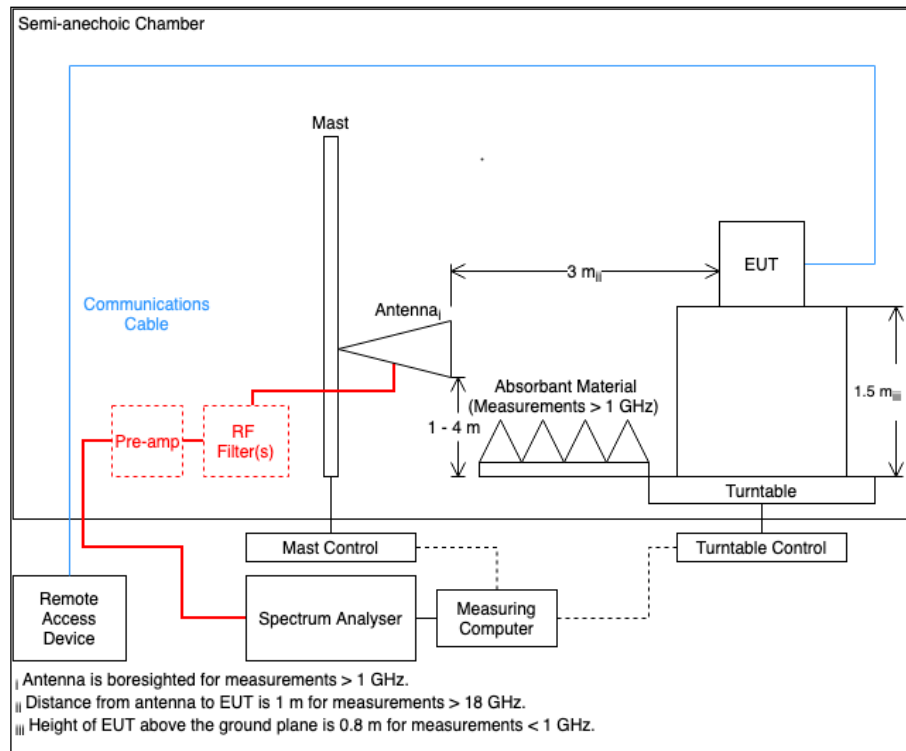


Figure 377

2.5.6 Environmental Conditions

Ambient Temperature	21.1 - 30.1 °C
Relative Humidity	37.1 – 49.2%



2.5.7 Test Results

2.4 GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
73.837	19.72	40.00	-20.28	Q-Peak	55	199	Vertical
164.486	22.79	43.50	-20.71	Q-Peak	294	311	Horizontal
166.251	22.67	43.50	-20.83	Q-Peak	0	366	Vertical
2389.941	37.14	54.00	-16.86	RMS	56	390	Horizontal
2389.989	42.13	54.00	-11.87	RMS	345	301	Vertical
2483.506	33.74	54.00	-20.26	RMS	319	353	Horizontal
2483.507	40.12	54.00	-13.88	RMS	3	346	Vertical

Table 133 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

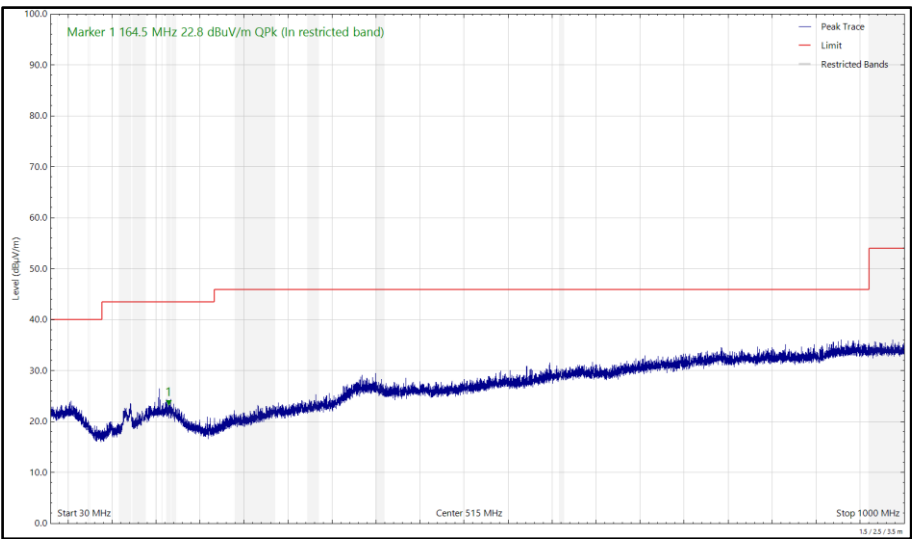


Figure 378 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

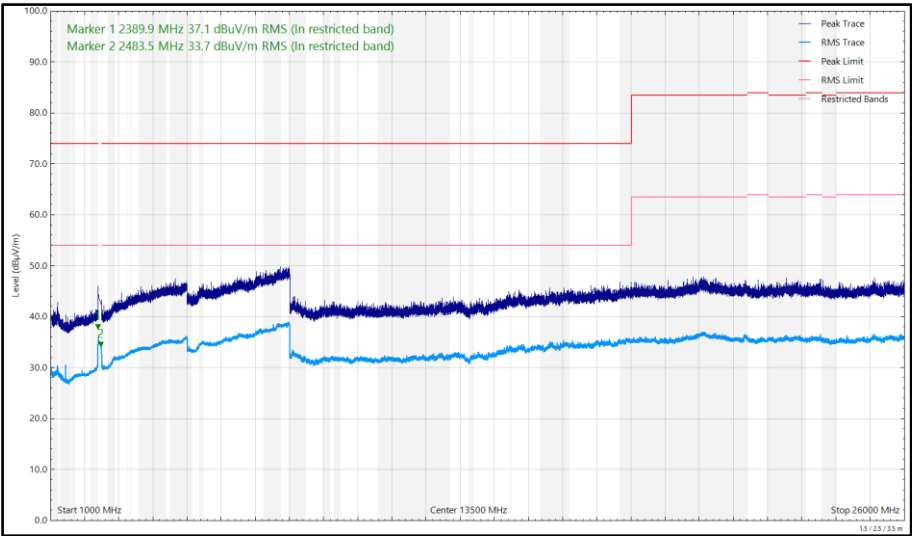


Figure 379 - 2442 MHz (CH7), 802.11b, Core 0, 1 GHz to 26 GHz, Horizontal

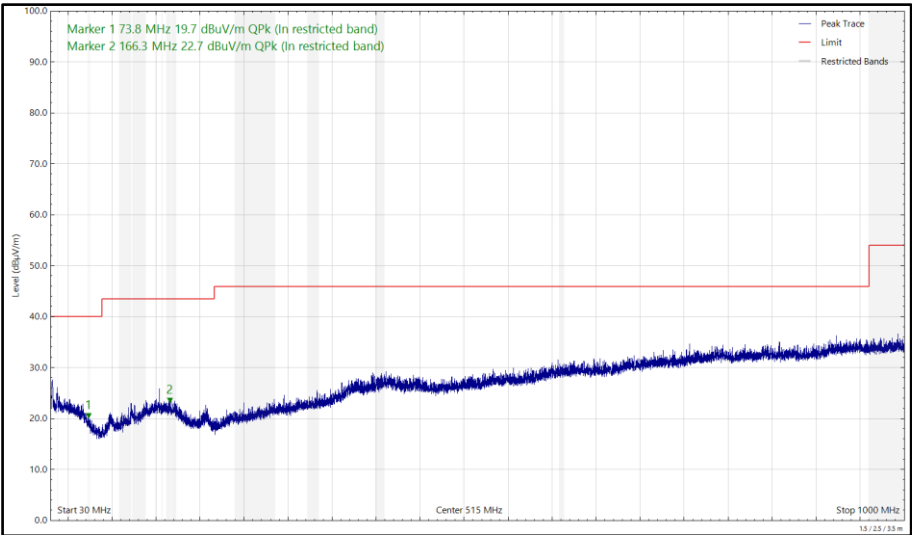


Figure 380 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

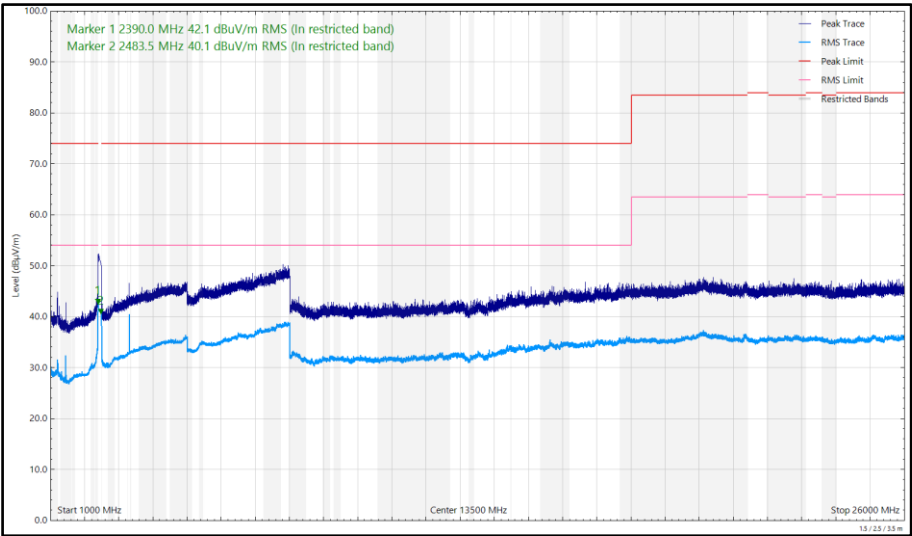


Figure 381 - 2442 MHz (CH7), 802.11b, Core 0, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
120.579	21.58	43.50	-21.92	Q-Peak	0	255	Horizontal
407.621	26.90	46.00	-19.10	Q-Peak	193	110	Horizontal
2389.829	35.85	54.00	-18.15	RMS	300	399	Horizontal
2389.955	41.10	54.00	-12.90	RMS	357	389	Vertical
2483.544	41.61	54.00	-12.39	RMS	9	400	Vertical
2483.547	35.13	54.00	-18.87	RMS	43	342	Horizontal
7327.629	36.76	54.00	-17.24	RMS	39	115	Vertical

Table 134 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

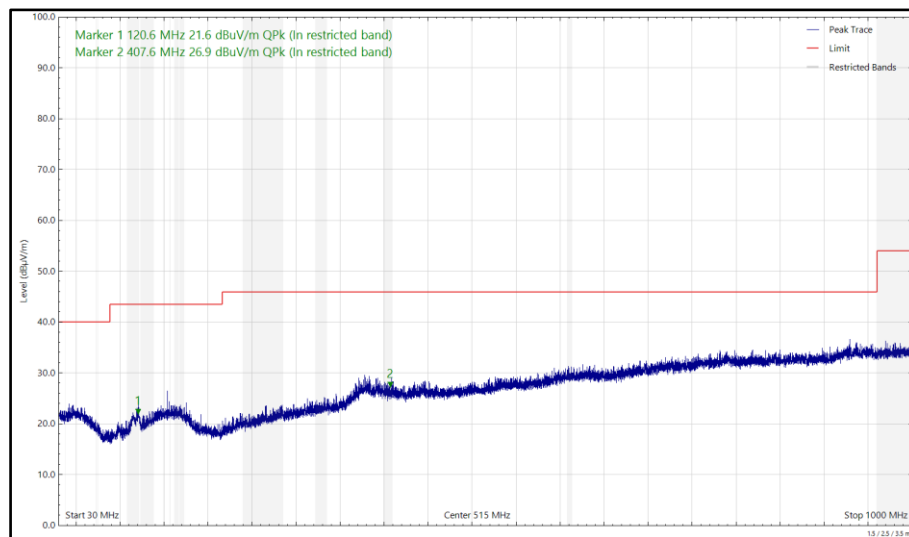


Figure 382 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

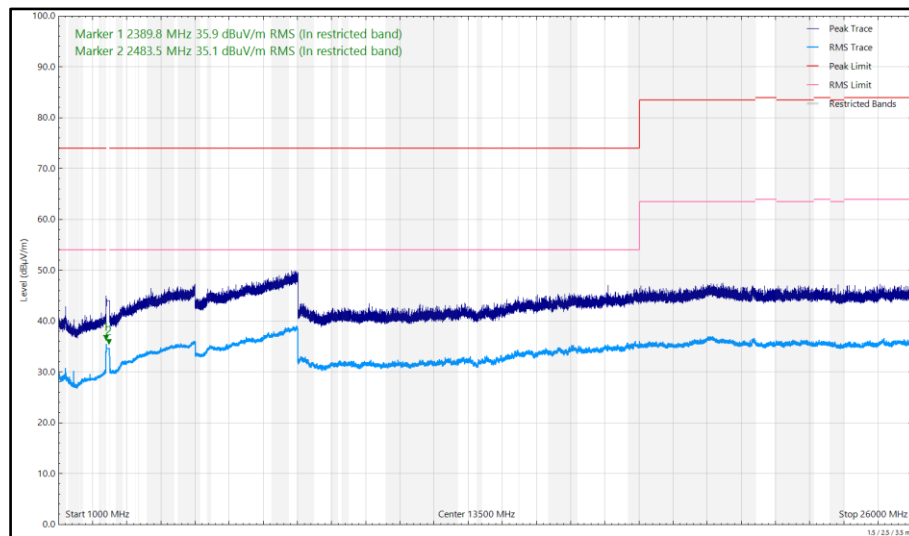


Figure 383 - 2442 MHz (CH7), 802.11b, Core 1, 1 GHz to 26 GHz, Horizontal

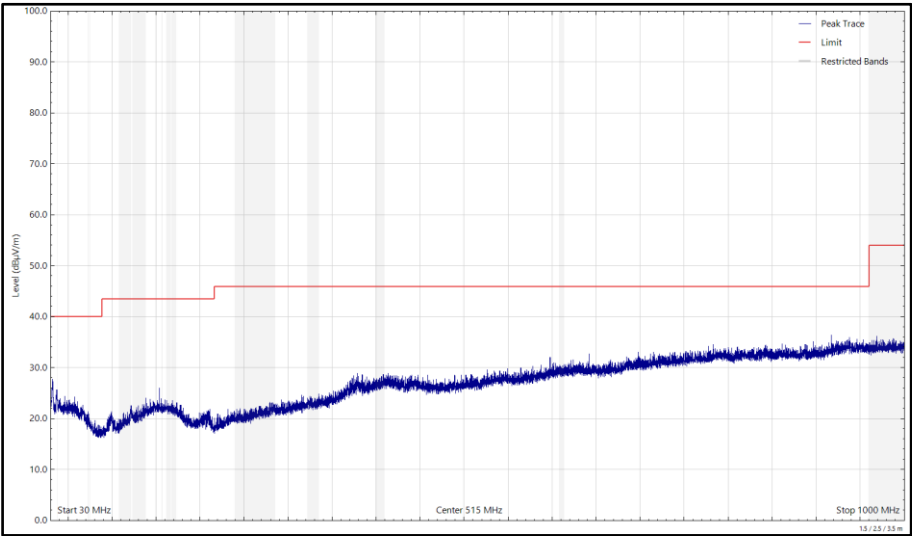


Figure 384 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

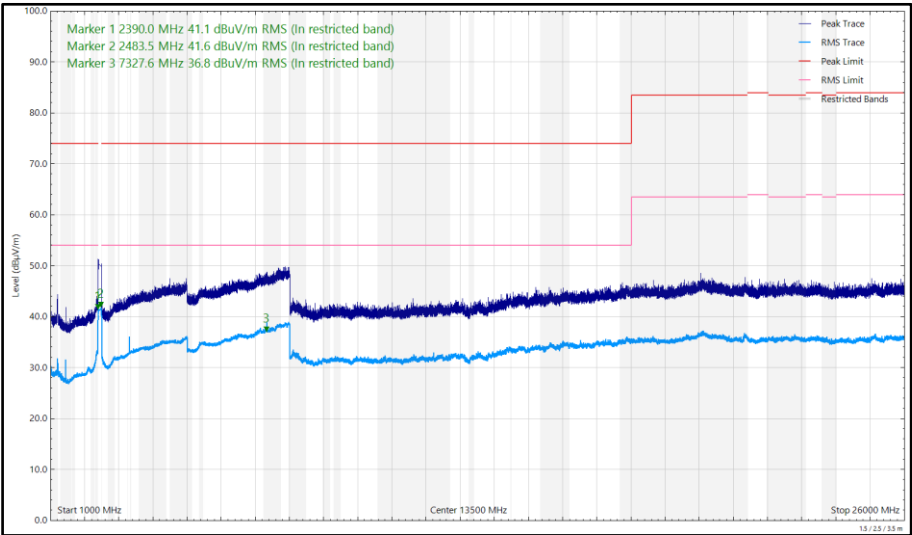


Figure 385 - 2442 MHz (CH7), 802.11b, Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.763	21.74	40.00	-18.26	Q-Peak	10	218	Vertical
38.149	21.69	40.00	-18.31	Q-Peak	47	139	Horizontal
170.094	22.43	43.50	-21.07	Q-Peak	350	260	Horizontal
171.094	22.27	43.50	-21.23	Q-Peak	65	398	Vertical
2389.956	44.00	54.00	-10.00	RMS	0	340	Vertical
2389.969	38.07	54.00	-15.93	RMS	59	400	Horizontal
2399.625	56.53	74.00	-17.47	Peak	337	343	Vertical
2483.921	42.63	54.00	-11.37	RMS	13	323	Vertical
2484.661	56.79	74.00	-17.21	Peak	10	358	Vertical
2484.983	35.20	54.00	-18.80	RMS	70	389	Horizontal

Table 135 - 2442 MHz (CH7), 802.11g, Core 0, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

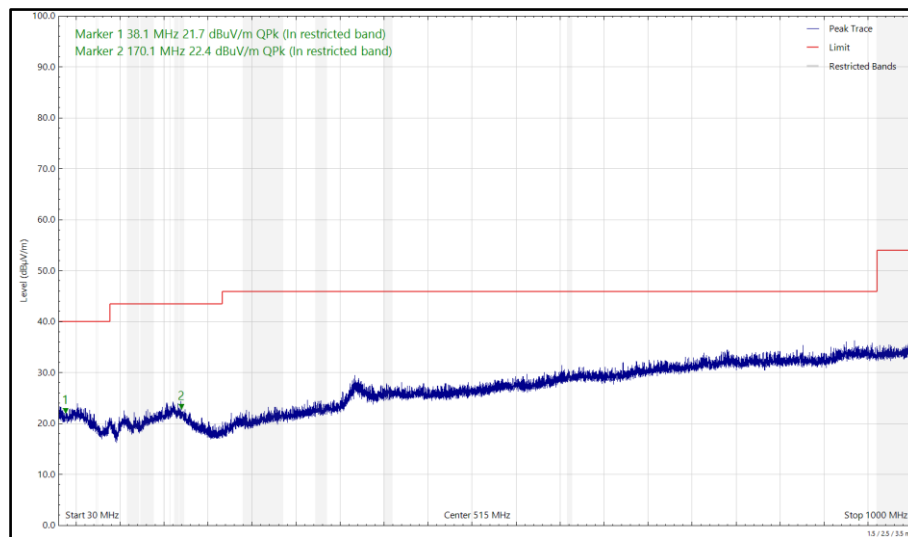


Figure 386 - 2442 MHz (CH7), 802.11g, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

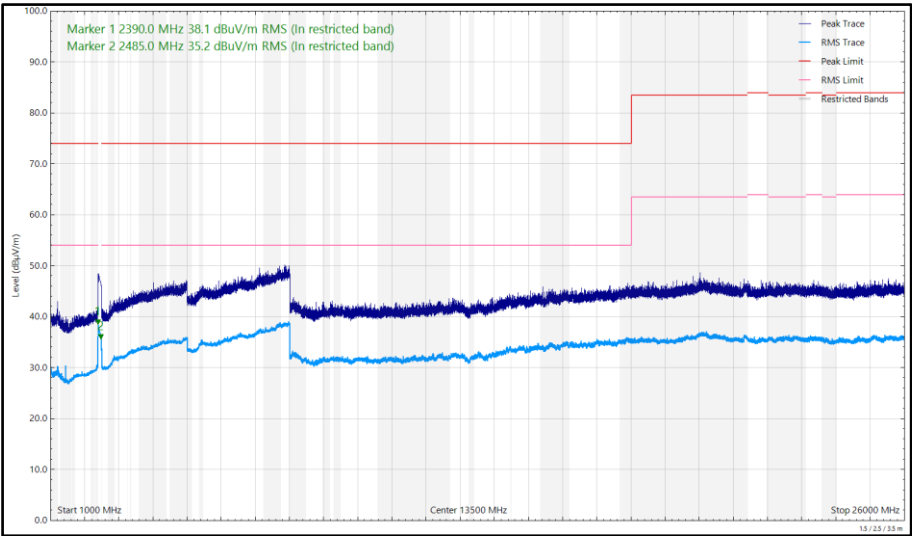


Figure 387 - 2442 MHz (CH7), 802.11g, Core 0, 1 GHz to 26 GHz, Horizontal

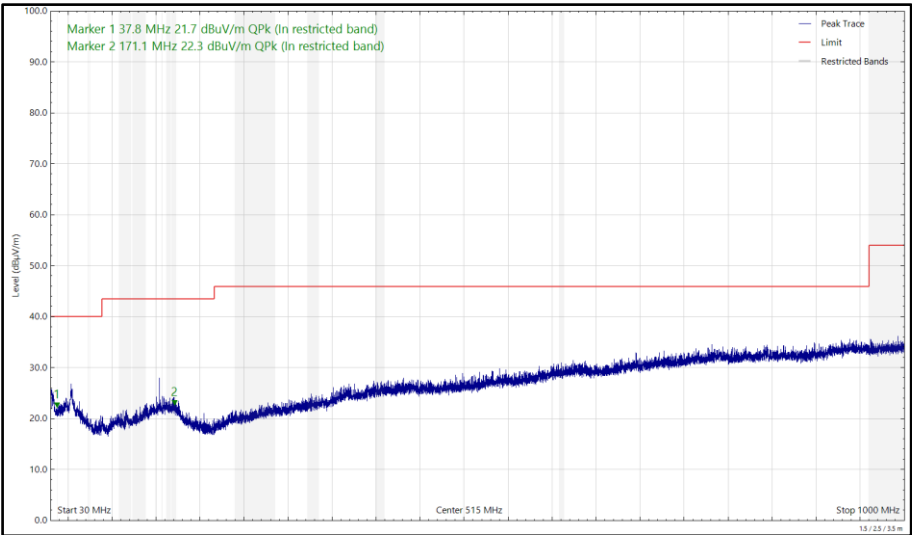


Figure 388 - 2442 MHz (CH7), 802.11g, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

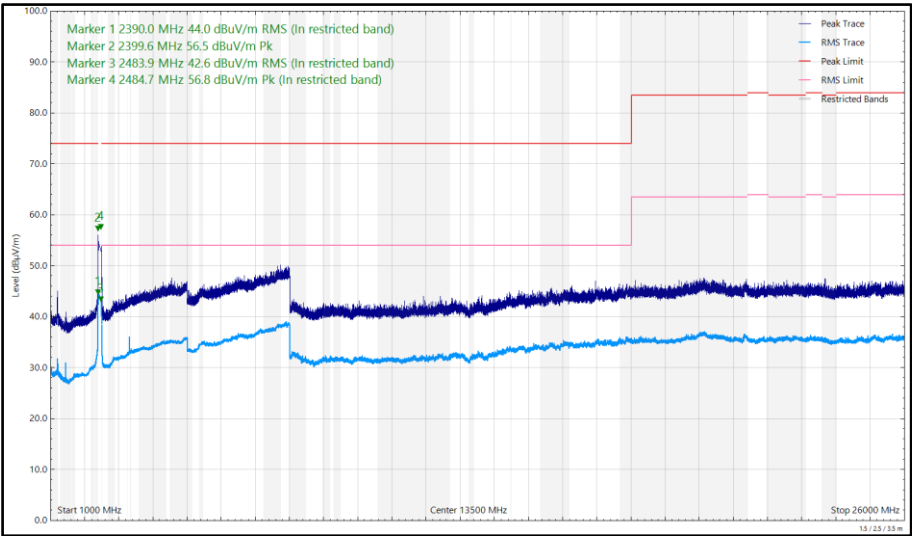


Figure 389 - 2442 MHz (CH7), 802.11g, Core 0, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.957	21.71	40.00	-18.29	Q-Peak	288	358	Vertical
38.121	21.72	40.00	-18.28	Q-Peak	310	344	Horizontal
73.420	19.46	40.00	-20.54	Q-Peak	104	395	Horizontal
163.724	22.65	43.50	-20.85	Q-Peak	10	287	Horizontal
163.865	22.73	43.50	-20.77	Q-Peak	196	360	Vertical
2389.815	42.50	54.00	-11.50	RMS	355	390	Vertical
2389.885	37.01	54.00	-16.99	RMS	305	400	Horizontal
2396.052	56.42	74.00	-17.58	Peak	5	326	Vertical
2483.538	37.59	54.00	-16.41	RMS	44	400	Horizontal
2483.572	44.32	54.00	-9.68	RMS	19	349	Vertical
2484.461	57.93	74.00	-16.07	Peak	6	323	Vertical

Table 136 - 2442 MHz (CH7), 802.11g, Core 1, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

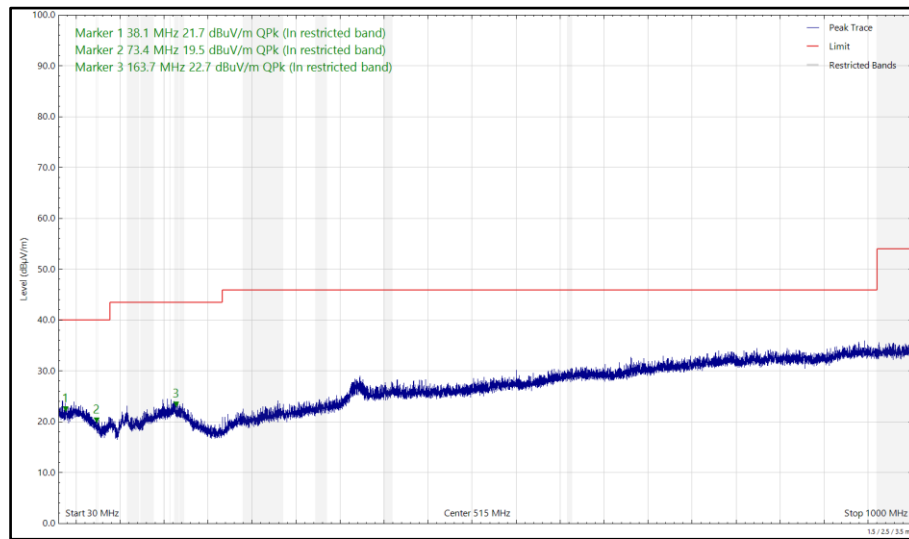


Figure 390 - 2442 MHz (CH7), 802.11g, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

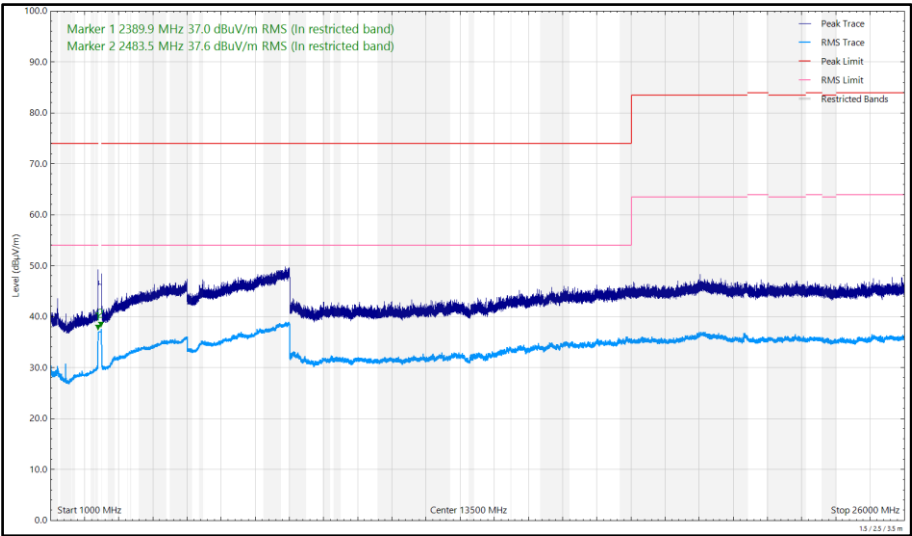


Figure 391 - 2442 MHz (CH7), 802.11g, Core 1, 1 GHz to 26 GHz, Horizontal

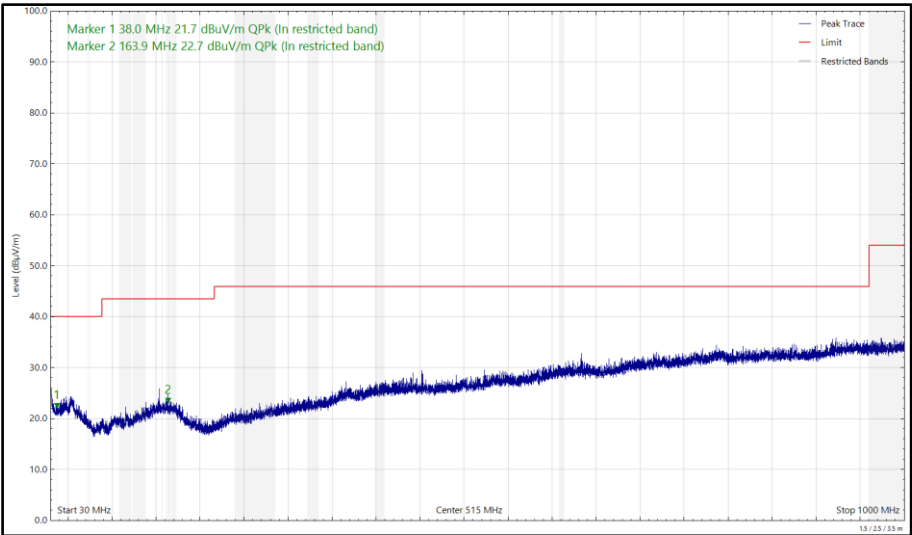


Figure 392 - 2442 MHz (CH7), 802.11g, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

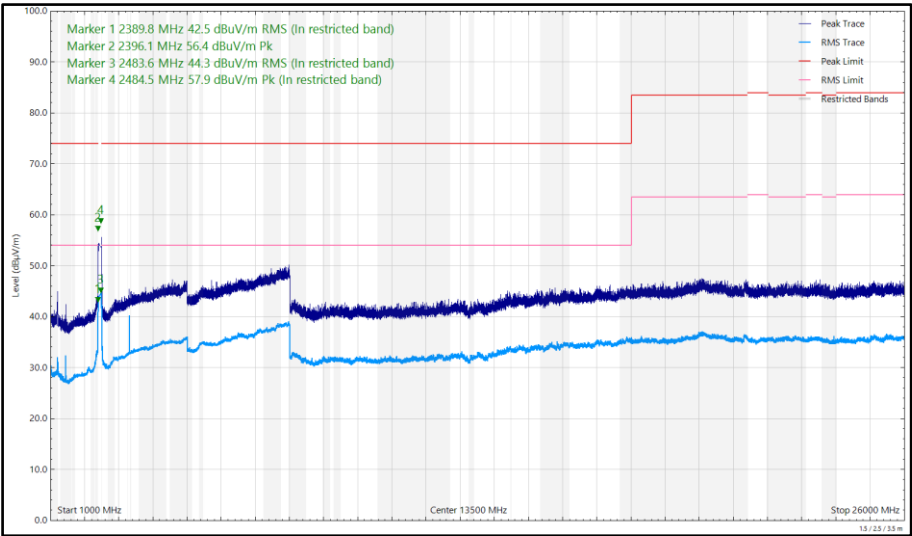


Figure 393 - 2442 MHz (CH7), 802.11g, Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
2354.902	35.62	54.00	-18.38	RMS	2	396	Vertical
2485.663	42.14	54.00	-11.86	RMS	352	309	Vertical
2485.678	34.78	54.00	-19.22	RMS	72	399	Horizontal

Table 137 - 2412 MHz (CH1), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

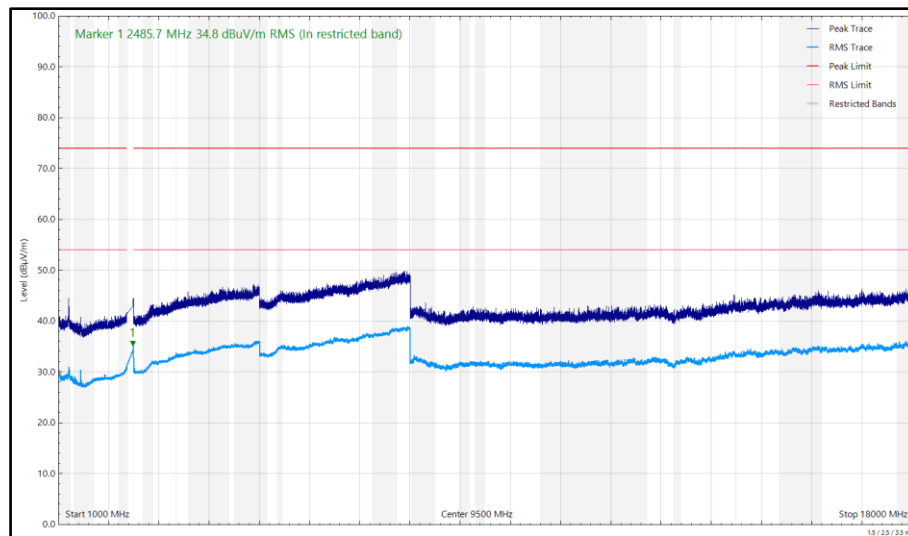


Figure 394 - 2412 MHz (CH1), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

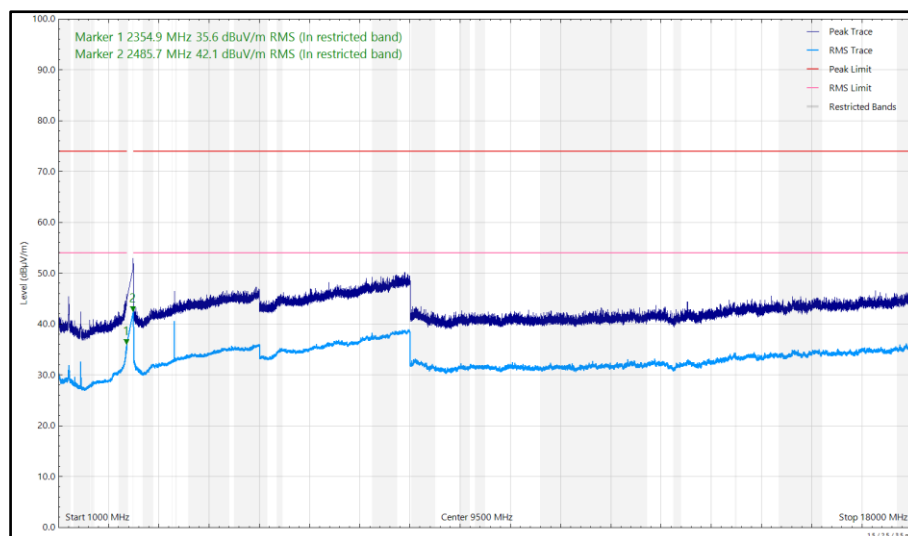


Figure 395 - 2412 MHz (CH1), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
115.966	20.61	43.50	-22.89	Q-Peak	6	356	Horizontal
162.654	23.03	43.50	-20.47	Q-Peak	106	375	Vertical
409.141	27.34	46.00	-18.66	Q-Peak	225	100	Vertical
2389.524	47.03	54.00	-6.97	RMS	9	346	Vertical
2389.640	39.97	54.00	-14.03	RMS	58	394	Horizontal
2389.787	60.55	74.00	-13.45	Peak	9	351	Vertical
2399.920	63.47	74.00	-10.53	Peak	3	365	Vertical
2483.588	47.16	54.00	-6.84	RMS	349	303	Vertical
2484.173	38.44	54.00	-15.56	RMS	60	314	Horizontal
2485.617	59.56	74.00	-14.44	Peak	12	396	Vertical

Table 138 - 2442 MHz (CH7), HT20, CDD, Core 0 + Core 1, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

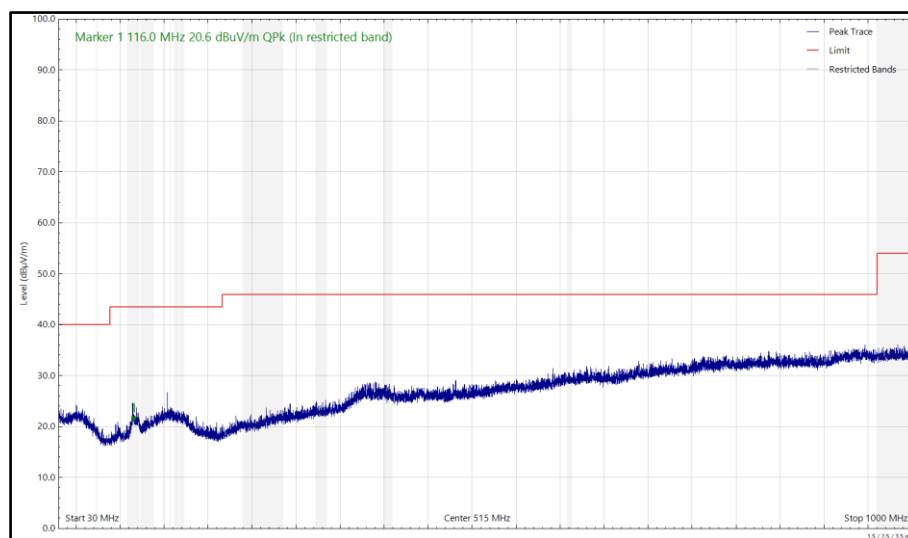


Figure 396 - 2442 MHz (CH7), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

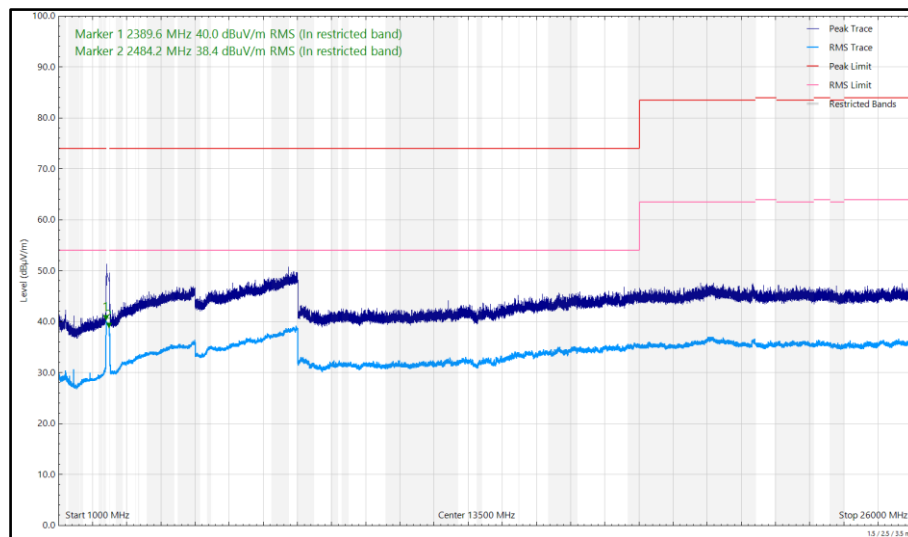


Figure 397 - 2442 MHz (CH7), HT20, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

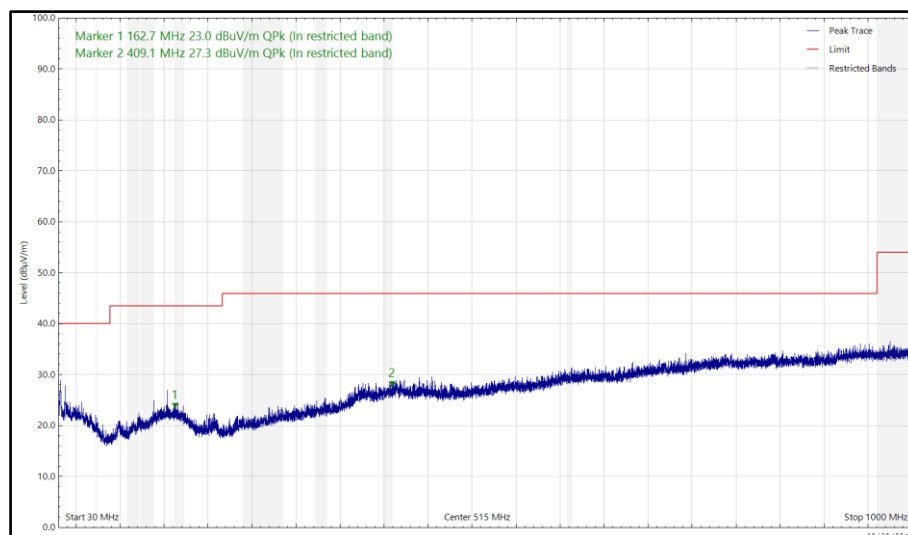


Figure 398 - 2442 MHz (CH7), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

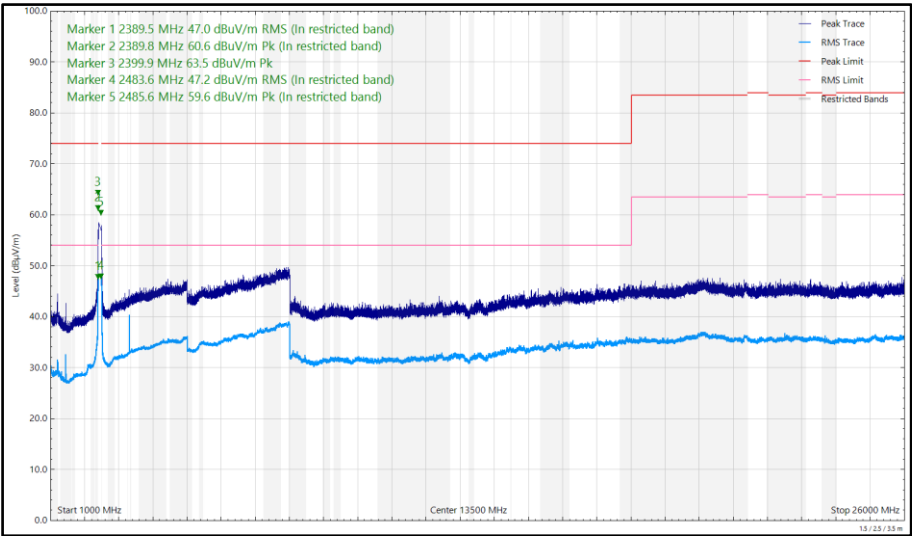


Figure 399 - 2442 MHz (CH7), HT20, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1440.125	34.42	54.00	-19.58	RMS	227	100	Vertical

Table 139 - 2472 MHz (CH13), HT20, CDD, Core 0 + Core 1, 1 to 18 GHz

No other emissions found within 20 dB of the limit.

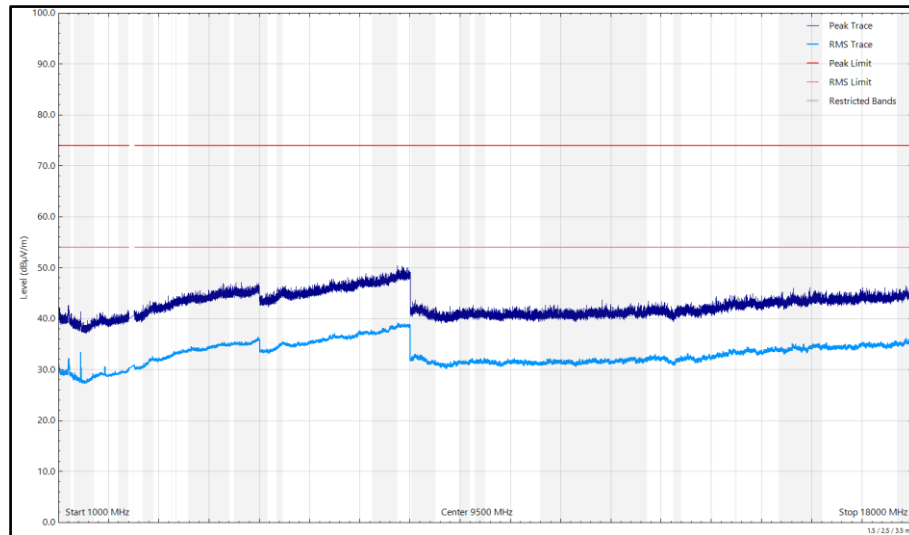


Figure 400 - 2472 MHz (CH13), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

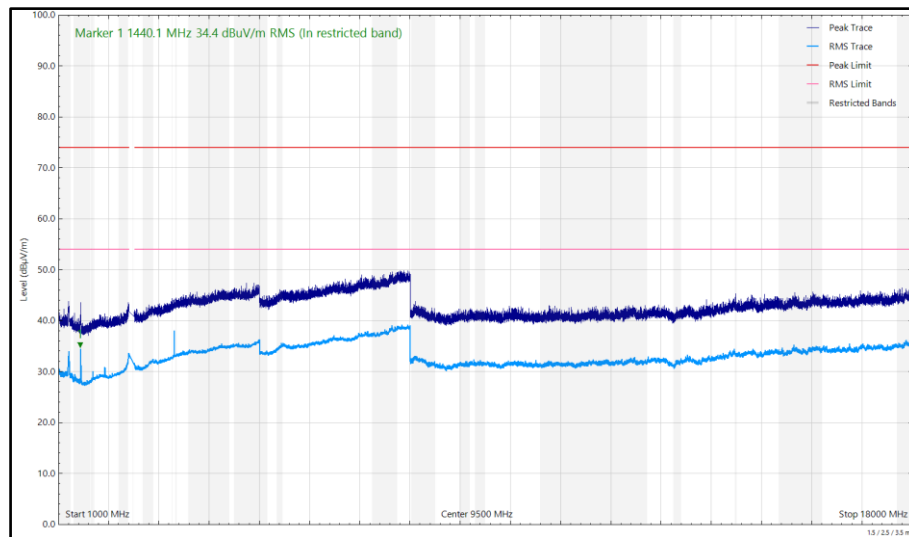


Figure 401 - 2472 MHz (CH13), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
2389.381	60.70	74.00	-13.30	Peak	6	342	Vertical
2389.704	44.80	54.00	-9.20	RMS	359	267	Vertical
2389.945	39.19	54.00	-14.81	RMS	59	384	Horizontal
2399.981	65.46	74.00	-8.54	Peak	3	300	Vertical
2485.062	44.15	54.00	-9.85	RMS	6	353	Vertical
2485.362	63.66	74.00	-10.34	Peak	6	314	Vertical
2485.466	36.81	54.00	-17.19	RMS	48	399	Horizontal
4917.165	56.42	74.00	-17.58	Peak	15	318	Vertical
4918.020	35.43	54.00	-18.57	RMS	15	323	Vertical
7299.571	56.50	74.00	-17.50	Peak	330	237	Vertical
7300.480	43.63	54.00	-10.37	RMS	331	241	Vertical

Table 140 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

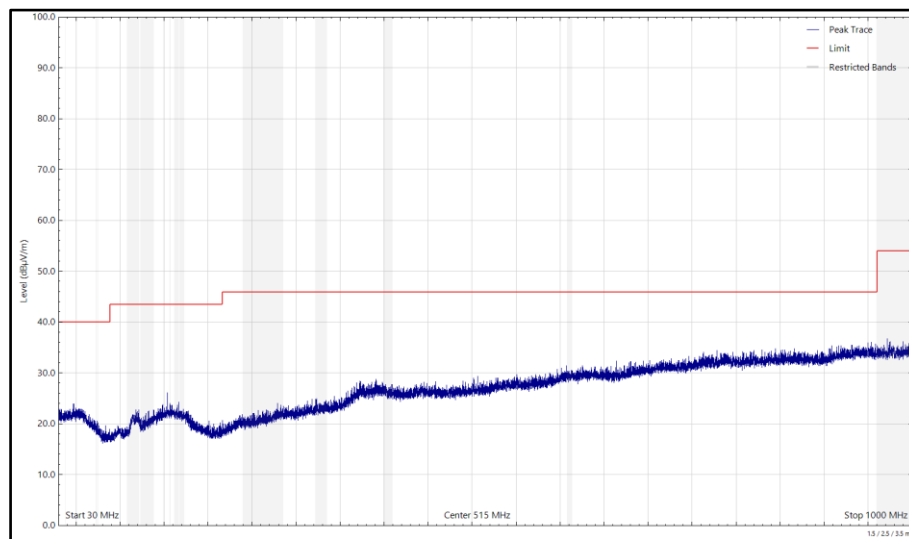


Figure 402 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

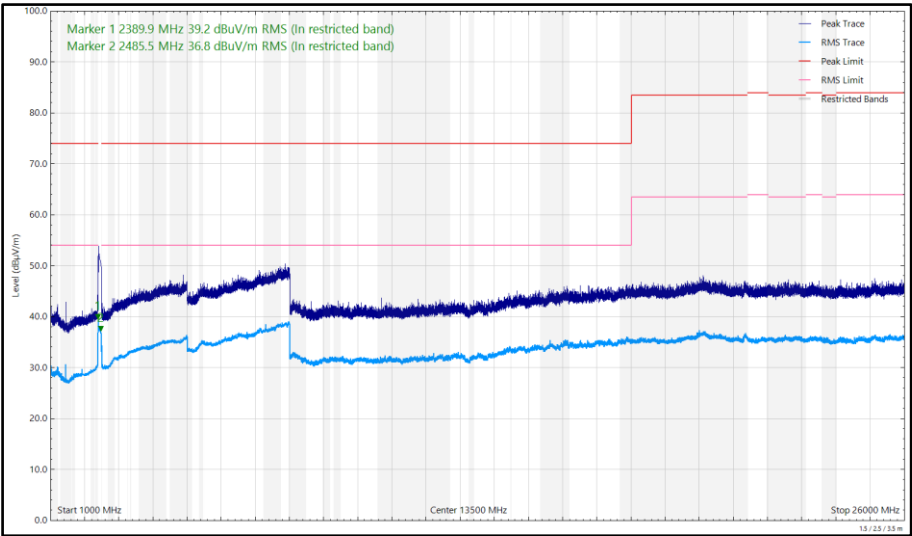


Figure 403 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

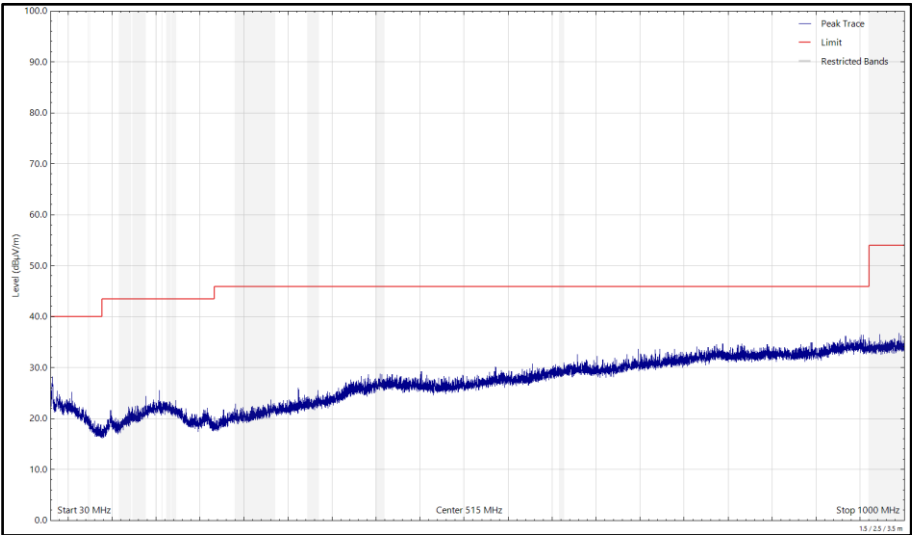


Figure 404 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

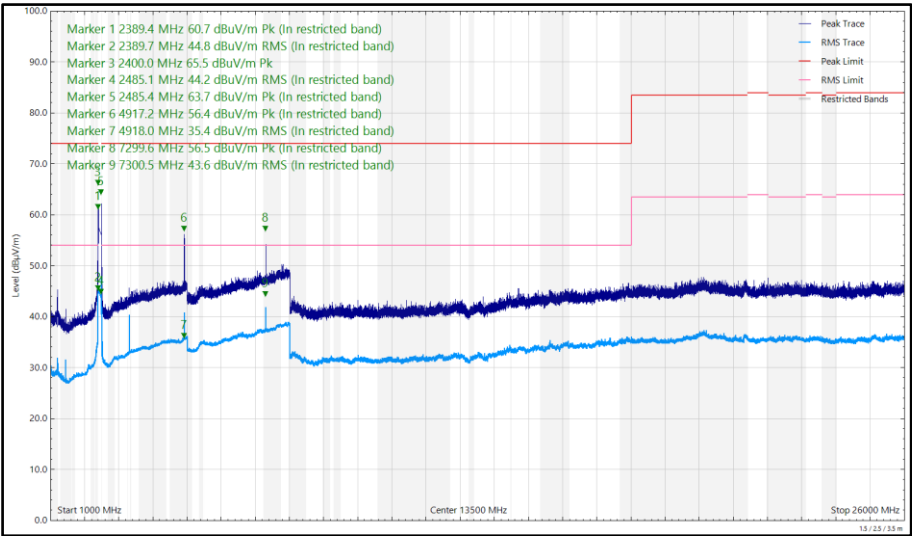


Figure 405 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
2389.309	57.37	74.00	-16.63	Peak	1	345	Vertical
2389.500	38.87	54.00	-15.13	RMS	56	375	Horizontal
2389.955	46.45	54.00	-7.55	RMS	6	342	Vertical
2398.051	65.32	74.00	-8.68	Peak	14	332	Vertical
2398.485	56.75	74.00	-17.25	Peak	61	388	Horizontal
2484.450	36.14	54.00	-17.86	RMS	64	396	Horizontal
2485.911	61.93	74.00	-12.07	Peak	359	355	Vertical
2486.147	44.22	54.00	-9.78	RMS	1	347	Vertical
4920.151	38.37	54.00	-15.63	RMS	346	323	Vertical
4920.344	60.72	74.00	-13.28	Peak	347	322	Vertical
7310.467	56.58	74.00	-17.42	Peak	332	250	Vertical
7312.980	41.42	54.00	-12.58	RMS	332	262	Vertical

Table 141 - 2442 MHz (CH7), EHT20, RU52+26-70, CDD, Core 0 + Core 1, 1GHz to 18 GHz

No other emissions found within 20 dB of the limit.

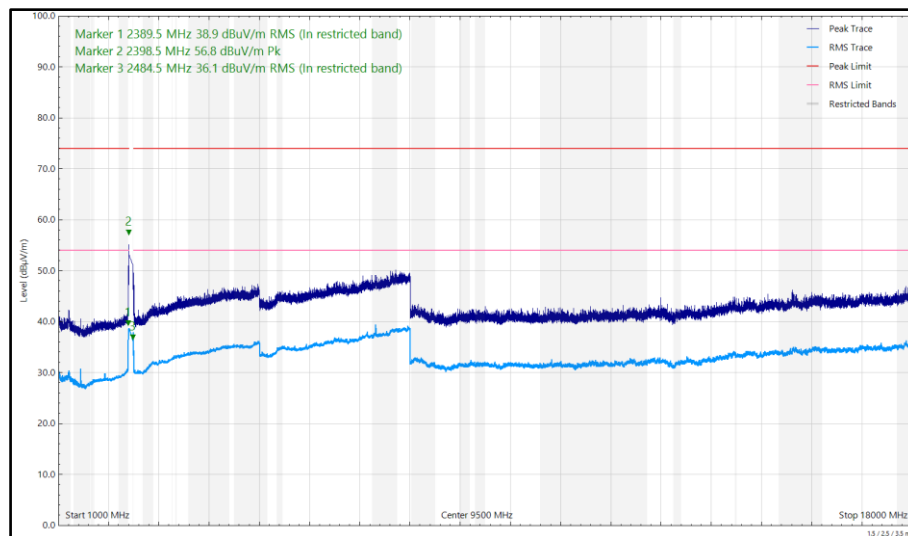


Figure 406 - 2442 MHz (CH7), EHT20, RU52+26-70, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

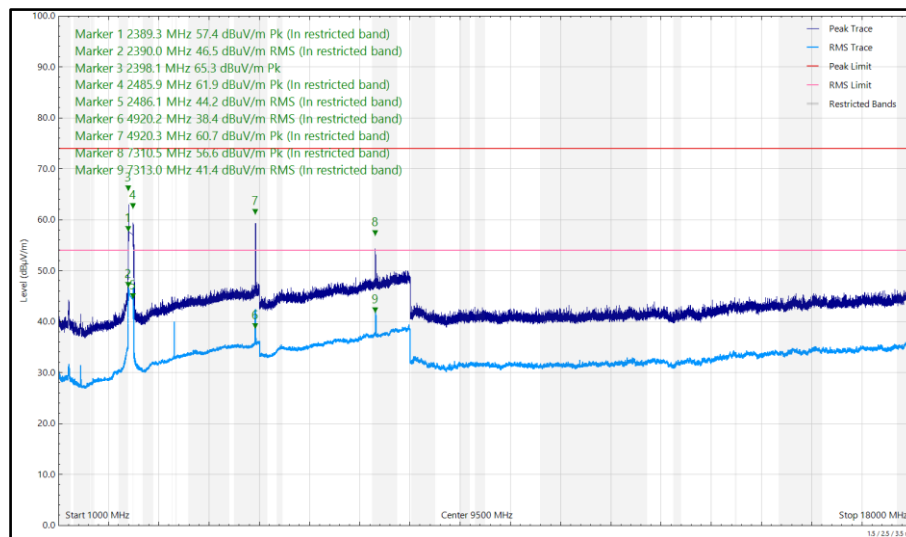


Figure 407 - 2442 MHz (CH7), EHT20, RU52+26-70, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
2389.352	37.34	54.00	-16.66	RMS	54	315	Horizontal
2389.701	57.87	74.00	-16.13	Peak	8	257	Vertical
2389.899	45.51	54.00	-8.49	RMS	4	320	Vertical
2399.066	63.26	74.00	-10.74	Peak	61	384	Horizontal
2399.690	70.99	74.00	-3.01	Peak	6	298	Vertical
2484.716	36.30	54.00	-17.70	RMS	55	377	Horizontal
2485.603	44.52	54.00	-9.48	RMS	4	359	Vertical
2485.857	61.23	74.00	-12.77	Peak	1	345	Vertical
4919.101	37.41	54.00	-16.59	RMS	348	322	Vertical
4920.107	60.62	74.00	-13.38	Peak	347	318	Vertical
7315.640	38.70	54.00	-15.30	RMS	318	228	Vertical

Table 142 - 2442 MHz (CH7), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

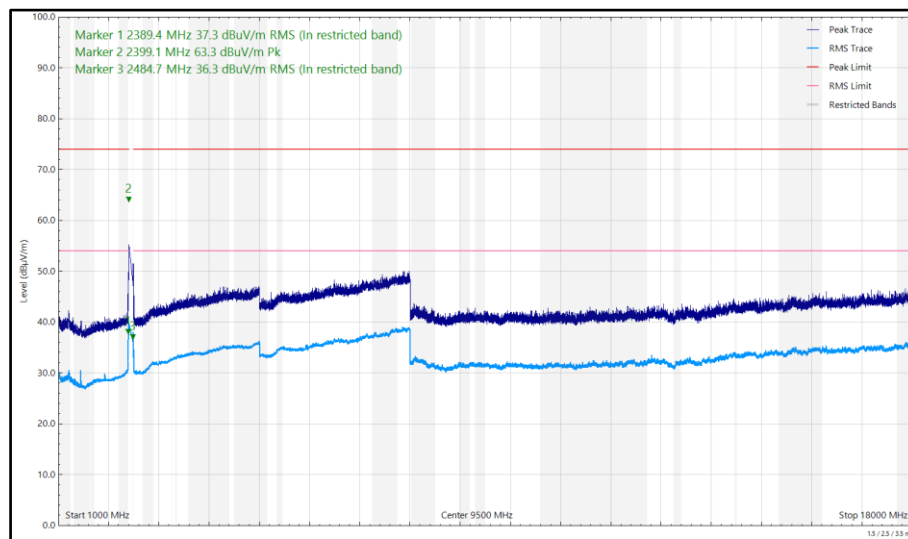


Figure 408 - 2442 MHz (CH7), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

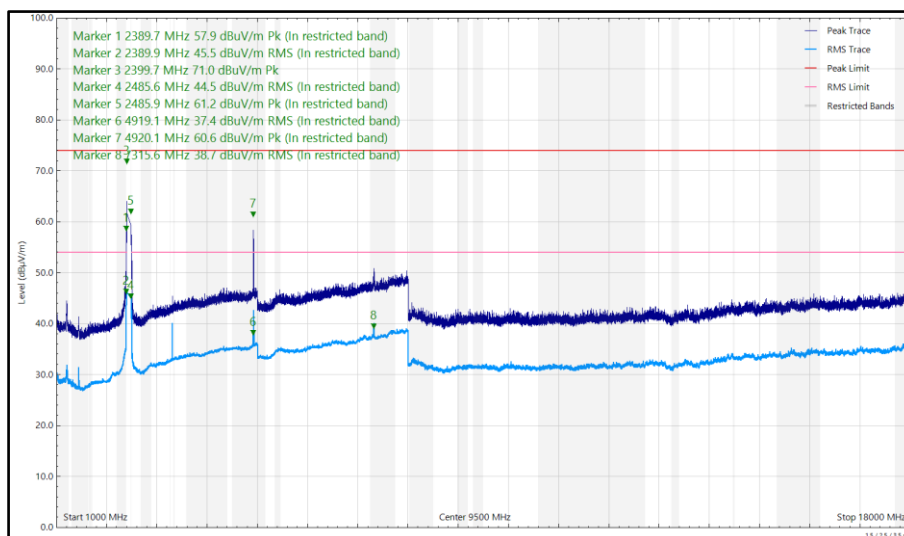


Figure 409 - 2442 MHz (CH7), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

FCC 47 CFR Part 15, Limit Clause 15.247 (d)

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

Attenuation below the general limits specified in § 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in 15.209(a)

ISED RSS-247, Limit Clause 6.6

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under Section 5.4(4), the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general field strength limits specified in RSS-Gen is not required.

In addition, radiated emissions which fall in the restricted bands, as defined in RSS-GEN, clause 8.10, must also comply with the radiated emission limits specified in RSS-GEN clause 8.9.



2.5.8 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 V3.6.3	5125	-	TU
EMI Test Receiver	Rohde & Schwarz	ESW44	5527	12	03-Sep-2027
EMI Test Receiver	Rohde & Schwarz	ESW44	5912	12	04-Sep-2026
DRG Horn Antenna (7.5-18GHz)	Schwarzbeck	HWRD750	5941	12	23-May-2027
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	TU
1500W (300V 12A) AC Power Supply	iTech	IT7324	5956	-	TU
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 14	5958	36	23-Apr-2028
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5959	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5962	-	TU
5m Semi-Anechoic Chamber (Dual-Axis), Chamber 15	Albatross Projects	RF Chamber 15	5963	36	23-Apr-2028
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 (N to N 1m)	Junkosha	MWX221-01000NMSNMS/B	5999	12	26-May-2027
Cable (N to N 8m)	Junkosha	MWX221-08000NMSNMS/A	6006	12	26-May-2027
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6007	12	20-Jun-2027
Horn Antenna (1-10.5 GHz)	Schwarzbeck	BBHA9120B	6140	12	14-Sep-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6144	12	05-Dec-2026
Digital Multimeter	Fluke	115	6146	12	03-Jun-2027
Digital Multimeter	Fluke	115	6147	12	03-Jun-2027
Double Ridge Active Horn Antenna (18-40 GHz)	Com-Power	AHA-840	6187	24	03-Sep-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6190	12	11-Dec-2026
8GHz Highpass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6196	12	23-Apr-2027
Attenuator 4dB	Pasternack	PE7074-4	6204	24	13-Mar-2027
Cable (SMA to SMA 20cm)	TUV SUD	MH-FH 8-18	6220	12	23-Apr-2027
EMC Test Receiver	Rohde & Schwarz	ESW44	6333	12	08-May-2027
Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9168	6456	24	13-Mar-2027
2m Cable	Junkosha	MWX241-02000KMSKMS/B	6742	12	27-Apr-2027



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
8m Cable	Junkosha	MWX221-08000AMSAMS/B	6748	12	27-Apr-2027
Pre Amp 8 - 18 GHz	Wright Technologies	APS06-0061	6783	12	23-Apr-2027
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	6795	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6796	-	TU
Handheld Hygrometer	Fluke	971	6838	12	16-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6840	12	23-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6842	12	23-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6843	12	06-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6845	12	06-Sep-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6847	12	06-Nov-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6848	12	23-Oct-2026

Table 143

TU - Traceability Unscheduled.



2.6 Power Spectral Density

2.6.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.247 (e)
ISED RSS-247, Clause 6.3.1
ISED RSS-GEN, Clause 6.12

2.6.2 Equipment Under Test and Modification State

A3376, S/N: CLXX067RCX - Modification State 0

2.6.3 Date of Test

14-September-2026 to 22-September-2026

2.6.4 Test Method

SISO conducted powers and antenna gains on individual ports differ, resulting in differences in the EIRP per core.

This test was performed in accordance with ANSI C63.10, clause 11.10.5.

Where the EUT duty cycle was < 98 % and repeatable within ± 2 %, the spectrum analyser was set to trace (power) averaging and a duty cycle correction was added as calculated in the result tables below (Method SA-2). Where the duty cycle was ≥ 98 % the spectrum analyser was set to trace (power) averaging and no duty cycle correction made (Method SA-1). In all other cases the spectrum analyser trace was set to max hold (Method SA-3).

MIMO output port summing was performed in accordance with KDB 662911 D01. For the CDD results the directional gain was calculated using the equation in clause F)2)f)(ii) for CDD with unequal antenna gains with equal transmit powers. CDD uses only one spatial stream so for 2 cores with different gains the equation stated reduced to:

$$\text{CDD Directional Gain} = 10 \cdot \log((10^{(G1/20)} + 10^{(G2/20)})^{2/2}).$$

Note this is different to the output power CDD directional gain calculation, since the unintentional beamforming produced by CDD operation is a narrowband effect that averages out over a wideband signal.

SDM uses 2 uncorrelated spatial streams. For SDM modes Directional Gain was hence calculated in accordance with clause F)2)d)(ii) for completely uncorrelated signals with unequal antenna gains and equal transmit powers. The formula therefore reduced to:

$$\text{SDM Directional Gain} = 10 \cdot \log((10^{(G1/10)} + 10^{(G2/10)})/2)$$

TxBF uses 1 spatial stream over 2 transmit cores. Therefore the signal was correlated and the gain was calculated in accordance with clause F)2)d)(i) for correlated signals with unequal antenna gains and equal transmit powers. The formula reduces to:

$$\text{TxBF Directional Gain} = 10 \cdot \log((10^{(G1/20)} + 10^{(G2/20)})^{2/2})$$



These result in the following gain calculations for power spectral density:

Frequency Range (MHz)	Core 0 Peak Gain (dBi)	Core 1 Peak Gain (dBi)	CDD Directional Gain (Wideband) (dBi)	SDM Gain (dBi)	TxBF Gain (dBi)
2400 to 2480	5.5	5.7	8.61	5.60	8.61

Table 144 Peak Antenna Gains (PSD)

2.6.5 Environmental Conditions

Ambient Temperature	21.5 - 24.0 °C
Relative Humidity	46.2 - 52.3 %

2.6.6 Test Results

2.4 GHz WLAN

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11b	Duty Cycle (%):	98.6
Data Rate:	1 Mbps	DCCF (dB):	0.06
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	1.62	-	-	-	1.62	8.00	-6.38
2442	100.0	1.70	-	-	-	1.70	8.00	-6.30
2472	100.0	-3.64	-	-	-	-3.64	8.00	-11.64

Table 145 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	1.62	-	-	-	1.62	8.00	-6.38
2442	100.0	1.70	-	-	-	1.70	8.00	-6.30
2472	100.0	-3.64	-	-	-	-3.64	8.00	-11.64

Table 146 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11g	Duty Cycle (%):	97.2
Data Rate:	12 Mbps	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-2.28	-	-	-	-2.28	8.00	-10.28
2437	100.0	2.06	-	-	-	2.06	8.00	-5.94
2442	100.0	1.02	-	-	-	1.02	8.00	-6.98
2472	100.0	-10.02	-	-	-	-10.02	8.00	-18.02

Table 147 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-2.28	-	-	-	-2.28	8.00	-10.28
2437	100.0	2.06	-	-	-	2.06	8.00	-5.94
2442	100.0	1.02	-	-	-	1.02	8.00	-6.98
2472	100.0	-10.02	-	-	-	-10.02	8.00	-18.02

Table 148 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.04
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-3.01	-	-	-	-3.01	8.00	-11.01
2437	100.0	2.08	-	-	-	2.08	8.00	-5.92
2442	100.0	0.58	-	-	-	0.58	8.00	-7.43
2472	100.0	-10.83	-	-	-	-10.83	8.00	-18.83

Table 149 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-3.01	-	-	-	-3.01	8.00	-11.01
2437	100.0	2.08	-	-	-	2.08	8.00	-5.92
2442	100.0	0.58	-	-	-	0.58	8.00	-7.43
2472	100.0	-10.83	-	-	-	-10.83	8.00	-18.83

Table 150 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.04
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-4.55	-	-	-	-4.55	8.00	-12.55
2437	100.0	1.20	-	-	-	1.20	8.00	-6.80
2442	100.0	-0.23	-	-	-	-0.23	8.00	-8.23
2472	100.0	-15.28	-	-	-	-15.28	8.00	-23.28

Table 151 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-4.55	-	-	-	-4.55	8.00	-12.55
2437	100.0	1.20	-	-	-	1.20	8.00	-6.80
2442	100.0	-0.23	-	-	-	-0.23	8.00	-8.23
2472	100.0	-15.28	-	-	-	-15.28	8.00	-23.28

Table 152 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.06
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU26.0)	100.0	1.22	-	-	-	1.22	8.00	-6.78
2442 (RU26.0)	100.0	0.85	-	-	-	0.85	8.00	-7.16
2472 (RU26.8)	100.0	-17.31	-	-	-	-17.31	8.00	-25.31

Table 153 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU26.0)	100.0	1.22	-	-	-	1.22	8.00	-6.78
2442 (RU26.0)	100.0	0.85	-	-	-	0.85	8.00	-7.16
2472 (RU26.8)	100.0	-17.31	-	-	-	-17.31	8.00	-25.31

Table 154 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.06
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU52.37)	100.0	1.02	-	-	-	1.02	8.00	-6.98
2442 (RU52.37)	100.0	0.65	-	-	-	0.65	8.00	-7.35
2472 (RU52.40)	100.0	-16.41	-	-	-	-16.41	8.00	-24.41

Table 155 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU52.37)	100.0	1.02	-	-	-	1.02	8.00	-6.98
2442 (RU52.37)	100.0	0.65	-	-	-	0.65	8.00	-7.35
2472 (RU52.40)	100.0	-16.41	-	-	-	-16.41	8.00	-24.41

Table 156 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.06
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU106.53)	100.0	-0.19	-	-	-	-0.19	8.00	-8.19
2442 (RU106.53)	100.0	1.15	-	-	-	1.15	8.00	-6.85
2472 (RU106.54)	100.0	-16.48	-	-	-	-16.48	8.00	-24.48

Table 157 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU106.53)	100.0	-0.19	-	-	-	-0.19	8.00	-8.19
2442 (RU106.53)	100.0	1.15	-	-	-	1.15	8.00	-6.85
2472 (RU106.54)	100.0	-16.48	-	-	-	-16.48	8.00	-24.48

Table 158 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11be EHT20 RU Size 52 + RU Size 26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 52 + RU Size 26.70)	100.0	1.14	-	-	-	1.14	8.00	-6.87
2442 (RU Size 52 + RU Size 26.70)	100.0	0.63	-	-	-	0.63	8.00	-7.37
2472 (RU Size 52 + RU Size 26.72)	100.0	-17.22	-	-	-	-17.22	8.00	-25.22

Table 159 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 52 + RU Size 26.70)	100.0	1.14	-	-	-	1.14	8.00	-6.87
2442 (RU Size 52 + RU Size 26.70)	100.0	0.63	-	-	-	0.63	8.00	-7.37
2472 (RU Size 52 + RU Size 26.72)	100.0	-17.22	-	-	-	-17.22	8.00	-25.22

Table 160 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11be EHT20 RU Size 106 + RU Size 26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.50
Active Port(s):	A (Core 0)	Active Chain(s):	0

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 106 + RU Size 26.82)	100.0	-0.08	-	-	-	-0.08	8.00	-8.08
2442 (RU Size 106 + RU Size 26.82)	100.0	0.38	-	-	-	0.38	8.00	-7.62
2472 (RU Size 106 + RU Size 26.83)	100.0	-17.39	-	-	-	-17.39	8.00	-25.39

Table 161 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 106 + RU Size 26.82)	100.0	-0.08	-	-	-	-0.08	8.00	-8.08
2442 (RU Size 106 + RU Size 26.82)	100.0	0.38	-	-	-	0.38	8.00	-7.62
2472 (RU Size 106 + RU Size 26.83)	100.0	-17.39	-	-	-	-17.39	8.00	-25.39

Table 162 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11b	Duty Cycle (%):	98.6
Data Rate:	1 Mbps	DCCF (dB):	0.06
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-	1.41	-	-	1.41	8.00	-6.59
2442	100.0	-	1.77	-	-	1.77	8.00	-6.23
2472	100.0	-	-2.61	-	-	-2.61	8.00	-10.61

Table 163 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-	1.41	-	-	1.41	8.00	-6.59
2442	100.0	-	1.77	-	-	1.77	8.00	-6.23
2472	100.0	-	-2.61	-	-	-2.61	8.00	-10.61

Table 164 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11g	Duty Cycle (%):	97.3
Data Rate:	12 Mbps	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-	-2.12	-	-	-2.12	8.00	-10.12
2437	100.0	-	2.85	-	-	2.85	8.00	-5.15
2442	100.0	-	0.89	-	-	0.89	8.00	-7.11
2472	100.0	-	-9.75	-	-	-9.75	8.00	-17.75

Table 165 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-	-2.12	-	-	-2.12	8.00	-10.12
2437	100.0	-	2.85	-	-	2.85	8.00	-5.15
2442	100.0	-	0.89	-	-	0.89	8.00	-7.11
2472	100.0	-	-9.75	-	-	-9.75	8.00	-17.75

Table 166 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.04
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-	-3.17	-	-	-3.17	8.00	-11.17
2437	100.0	-	1.88	-	-	1.88	8.00	-6.12
2442	100.0	-	0.28	-	-	0.28	8.00	-7.72
2472	100.0	-	-10.40	-	-	-10.40	8.00	-18.40

Table 167 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-	-3.17	-	-	-3.17	8.00	-11.17
2437	100.0	-	1.88	-	-	1.88	8.00	-6.12
2442	100.0	-	0.28	-	-	0.28	8.00	-7.72
2472	100.0	-	-10.40	-	-	-10.40	8.00	-18.40

Table 168 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.04
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-	-4.31	-	-	-4.31	8.00	-12.31
2437	100.0	-	1.00	-	-	1.00	8.00	-7.00
2442	100.0	-	-0.10	-	-	-0.10	8.00	-8.10
2472	100.0	-	-14.52	-	-	-14.52	8.00	-22.52

Table 169 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-	-4.31	-	-	-4.31	8.00	-12.31
2437	100.0	-	1.00	-	-	1.00	8.00	-7.00
2442	100.0	-	-0.10	-	-	-0.10	8.00	-8.10
2472	100.0	-	-14.52	-	-	-14.52	8.00	-22.52

Table 170 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.06
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU26.0)	100.0	-	1.02	-	-	1.02	8.00	-6.98
2442 (RU26.0)	100.0	-	0.83	-	-	0.83	8.00	-7.18
2472 (RU26.8)	100.0	-	-17.73	-	-	-17.73	8.00	-25.73

Table 171 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU26.0)	100.0	-	1.02	-	-	1.02	8.00	-6.98
2442 (RU26.0)	100.0	-	0.83	-	-	0.83	8.00	-7.18
2472 (RU26.8)	100.0	-	-17.73	-	-	-17.73	8.00	-25.73

Table 172 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.06
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU52.37)	100.0	-	1.16	-	-	1.16	8.00	-6.84
2442 (RU52.37)	100.0	-	0.87	-	-	0.87	8.00	-7.13
2472 (RU52.40)	100.0	-	-16.42	-	-	-16.42	8.00	-24.42

Table 173 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU52.37)	100.0	-	1.16	-	-	1.16	8.00	-6.84
2442 (RU52.37)	100.0	-	0.87	-	-	0.87	8.00	-7.13
2472 (RU52.40)	100.0	-	-16.42	-	-	-16.42	8.00	-24.42

Table 174 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.7
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.06
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU106.53)	100.0	-	-0.13	-	-	-0.13	8.00	-8.13
2442 (RU106.53)	100.0	-	0.76	-	-	0.76	8.00	-7.25
2472 (RU106.54)	100.0	-	-16.65	-	-	-16.65	8.00	-24.65

Table 175 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU106.53)	100.0	-	-0.13	-	-	-0.13	8.00	-8.13
2442 (RU106.53)	100.0	-	0.76	-	-	0.76	8.00	-7.25
2472 (RU106.54)	100.0	-	-16.65	-	-	-16.65	8.00	-24.65

Table 176 - ISECD Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	-		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11be EHT20 RU Size 52 + RU Size 26	Duty Cycle (%):	97.4
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.12
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.70
Active Port(s):	B (Core 1)	Active Chain(s):	1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 52 + RU Size 26.70)	100.0	-	0.84	-	-	0.84	8.00	-7.16
2442 (RU Size 52 + RU Size 26.70)	100.0	-	0.18	-	-	0.18	8.00	-7.82
2472 (RU Size 52 + RU Size 26.72)	100.0	-	-16.62	-	-	-16.62	8.00	-24.62

Table 177 - Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU Size 52 + RU Size 26.70)	100.0	-	0.84	-	-	0.84	8.00	-7.16
2442 (RU Size 52 + RU Size 26.70)	100.0	-	0.18	-	-	0.18	8.00	-7.82
2472 (RU Size 52 + RU Size 26.72)	100.0	-	-16.62	-	-	-16.62	8.00	-24.62

Table 178 - ISECD Maximum Power Spectral Density Results