

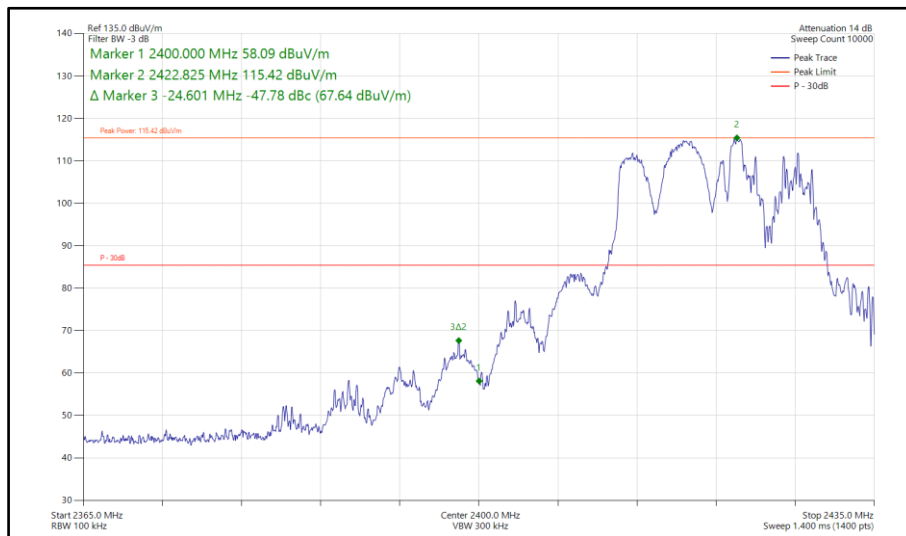


**Figure 430 - 802.11be EHT20, RU 106+26-82, SDM, Core 0-1 - 2422 MHz
Band Edge Frequency 2400 MHz**

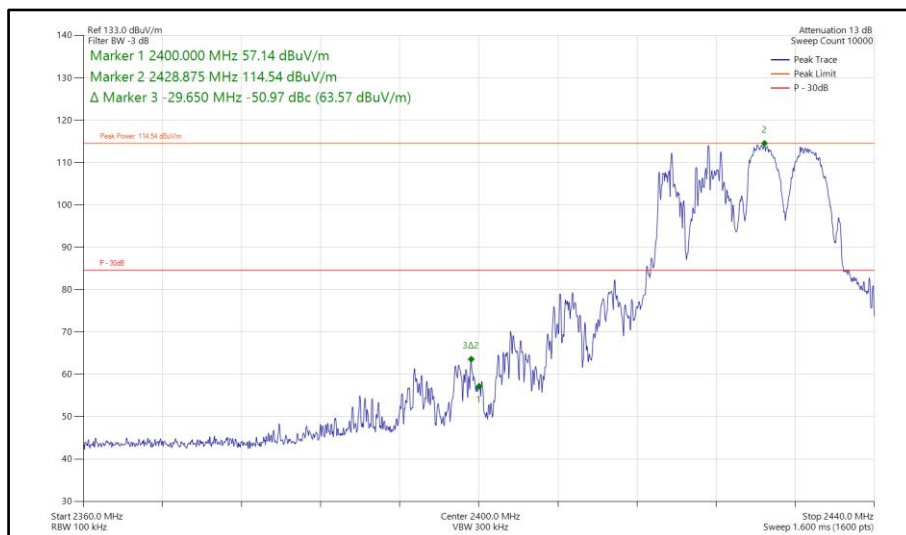


**Figure 431 - 802.11be EHT20, RU 106+26-83, SDM, Core 0-1 - 2427 MHz
Band Edge Frequency 2400 MHz**

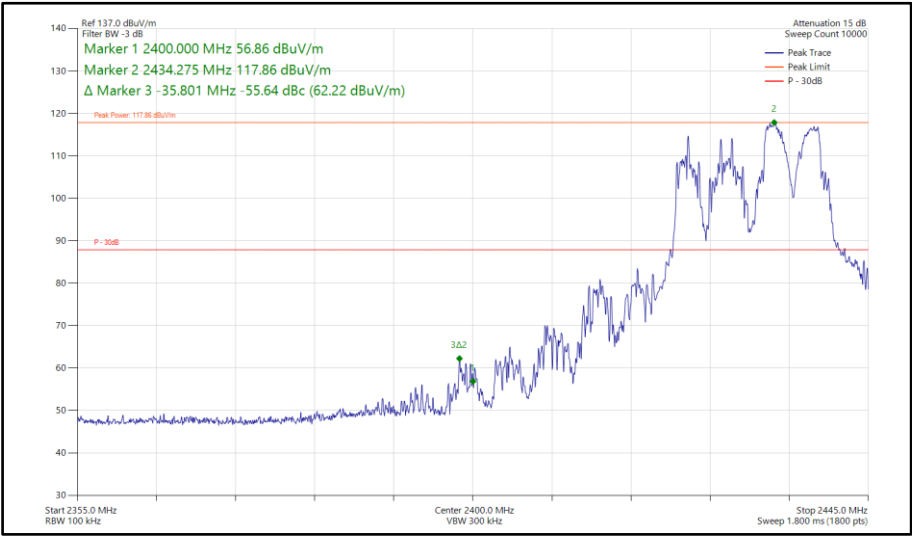


Figure 432 - 802.11be EHT20, RU 52+26-72, SDM, Core 0-1 - 2432 MHz
Band Edge Frequency 2400 MHz

Authorized Band Edge - 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 7x1	-	-	2412	2400	-34.66
802.11ac VHT20	MCS 2x1	-	-	2417	2400	-38.23
802.11ac VHT20	MCS 7x1	-	-	2422	2400	-44.39
802.11ac VHT20	MCS 4x1	-	-	2427	2400	-46.85
802.11ac VHT20	MCS 4x1	-	-	2432	2400	-52.59
802.11ax HE20	MCS 2x1	SU	-	2412	2400	-34.59
802.11ax HE20	MCS 9x1	SU	-	2417	2400	-34.60
802.11ax HE20	MCS 4x1	SU	-	2422	2400	-42.95
802.11ax HE20	MCS 4x1	SU	-	2427	2400	-44.86
802.11ax HE20	MCS 9x1	SU	-	2432	2400	-52.05

Table 132 - TxBF Authorised Band Edge Results

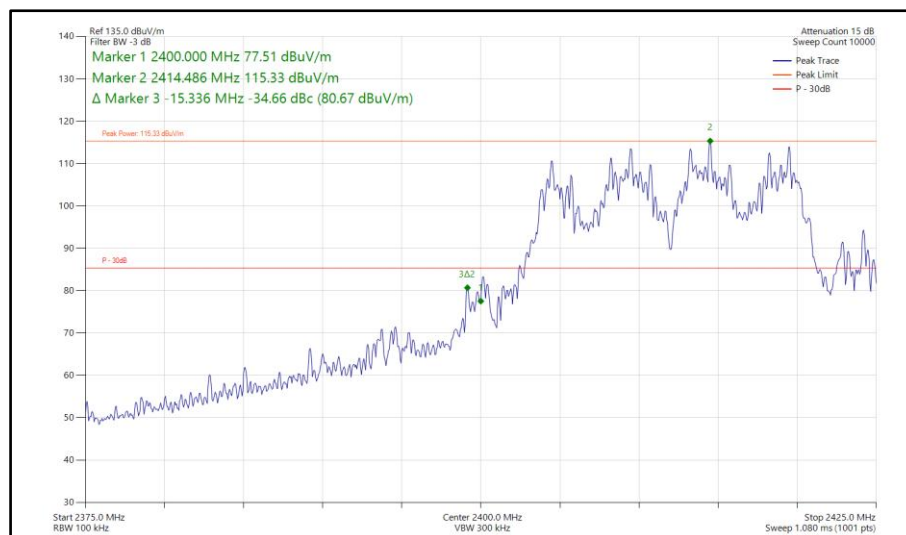


**Figure 433 - 802.11ac VHT20, TxBF, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz**

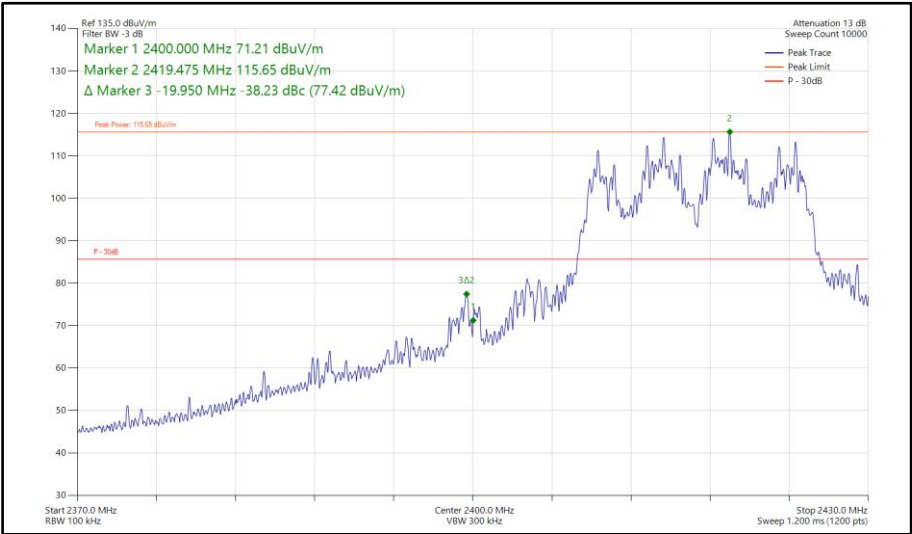


**Figure 334 - 802.11ac VHT20, TxBF, Core 0-1 - 2417 MHz
Band Edge Frequency 2400 MHz**

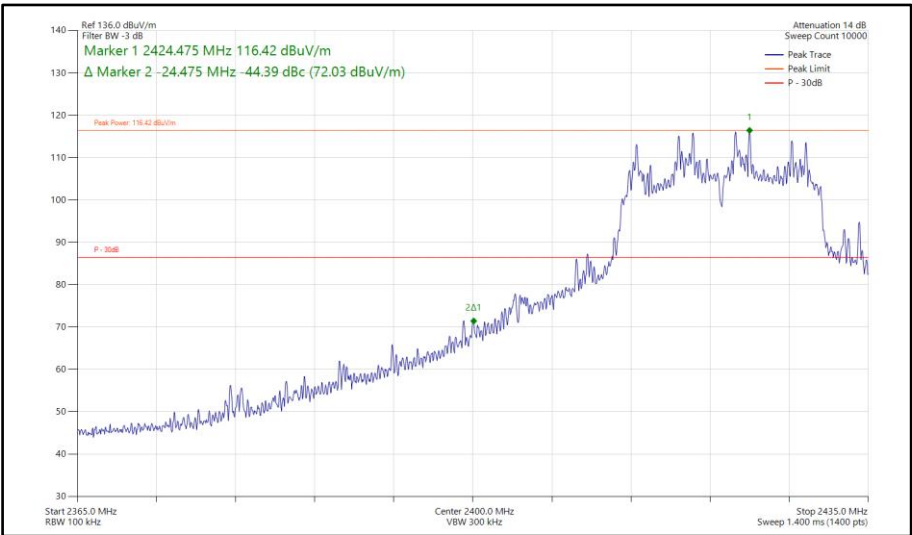


**Figure 335 - 802.11ac VHT20, TxBF, Core 0-1 - 2422 MHz
Band Edge Frequency 2400 MHz**

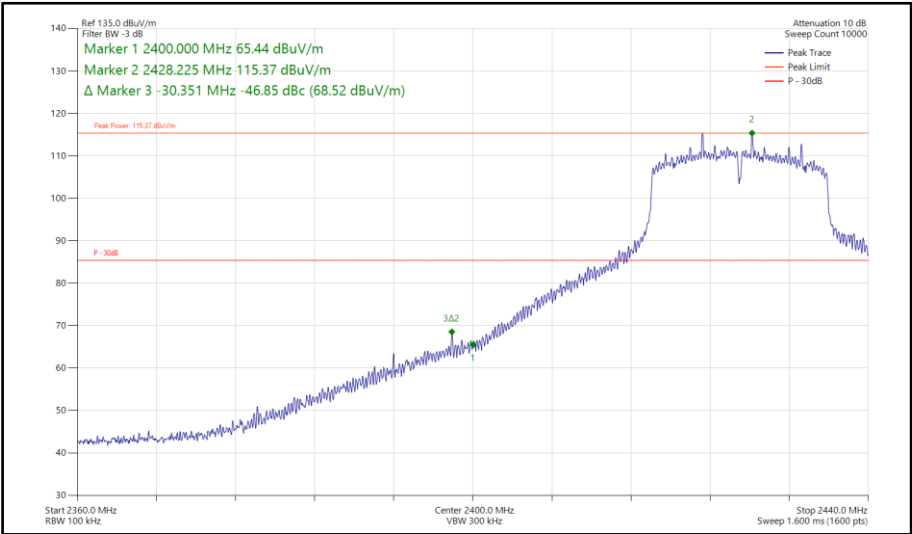


Figure 436 - 802.11ac VHT20, TxBF, Core 0-1 - 2427 MHz
Band Edge Frequency 2400 MHz

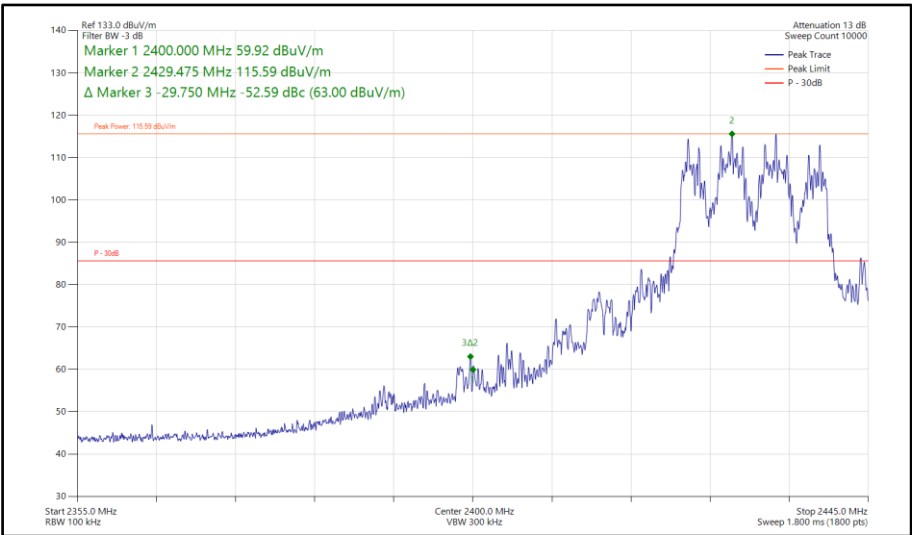


Figure 437 - 802.11ac VHT20, TxBF, Core 0-1 - 2432 MHz
Band Edge Frequency 2400 MHz

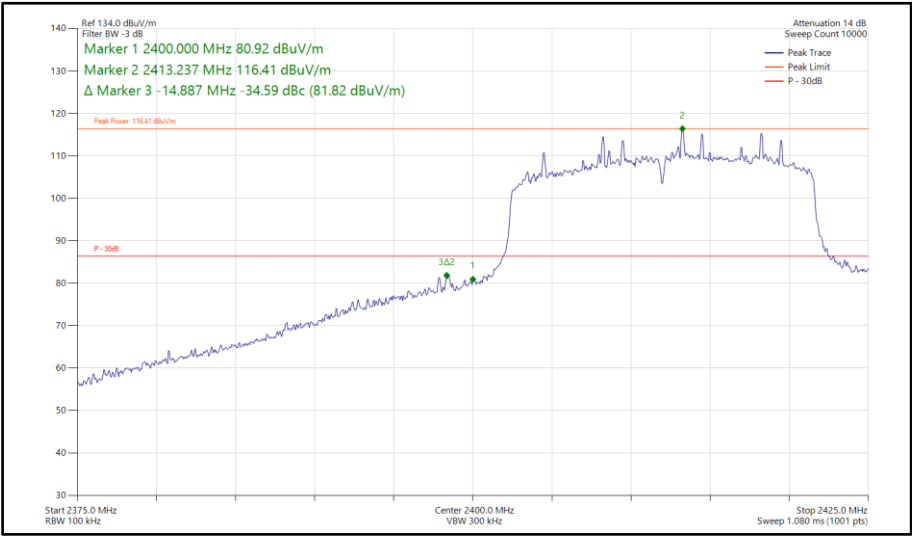


Figure 438 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz

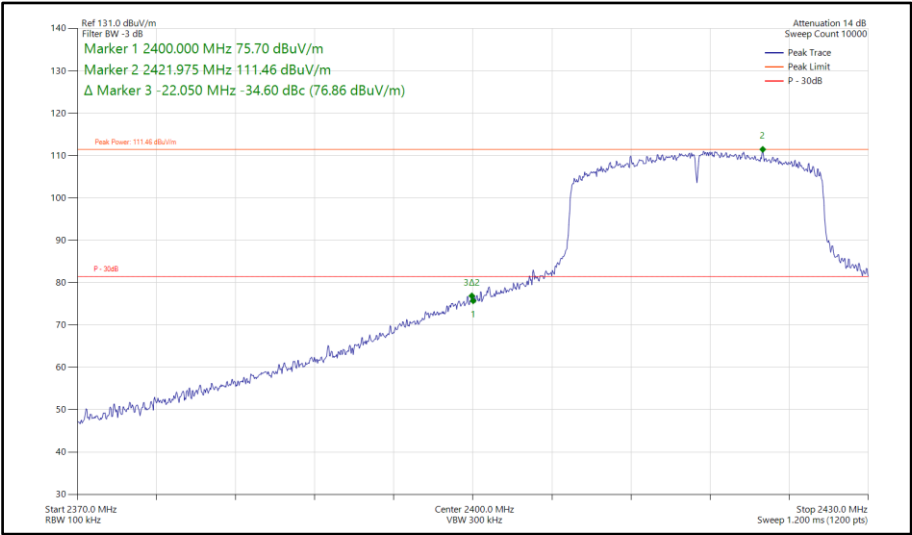


Figure 439 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2417 MHz
Band Edge Frequency 2400 MHz

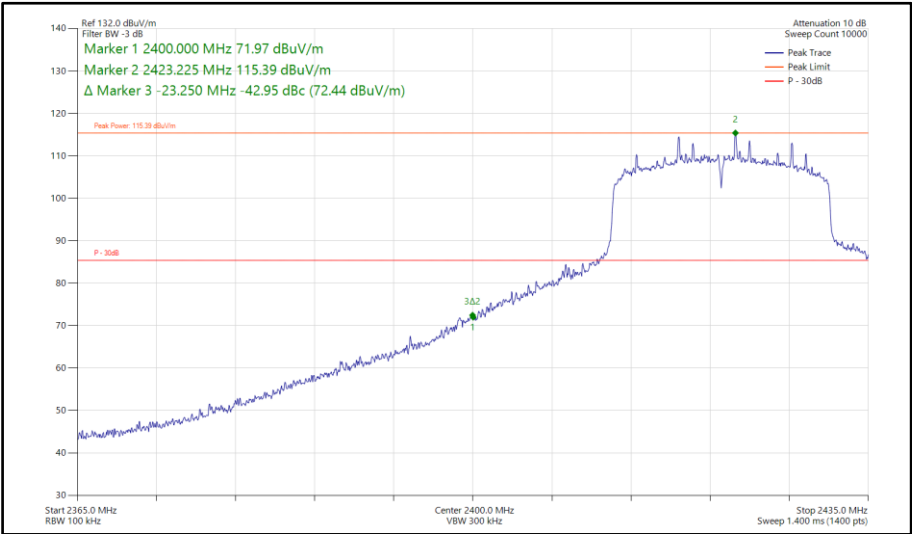


Figure 440 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2422 MHz
Band Edge Frequency 2400 MHz

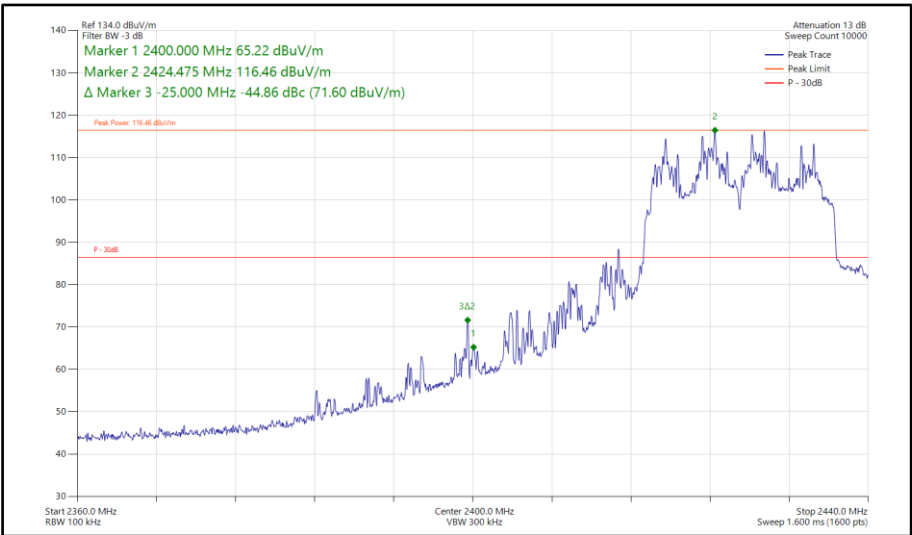


Figure 441 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2427 MHz
Band Edge Frequency 2400 MHz

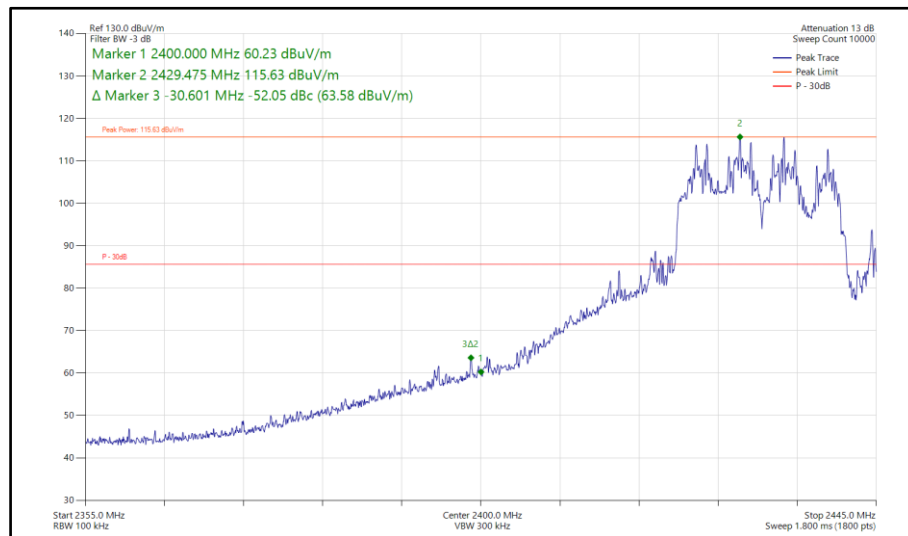


**Figure 442 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2432 MHz
Band Edge Frequency 2400 MHz**

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 6.5(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 17.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.5.5	5125	-	O/P Mon
Digital Multimeter	Fluke	115	6145	12	06-Jun-2026
EMI Test Receiver	Rohde & Schwarz	ESW44	6294	12	24-Feb-2026
USB Spectrum Analyser	Signal Hound	SA124B	6298	-	TU
Humidity and Temperature Meter	R.S Components	1364	6346	12	13-Mar-2026
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6349	12	16-May-2026
Horn Antenna (1–10.5 GHz)	Schwarzbeck	BBHA 9120 B	6457	12	14-Sep-2026
AC Power Supply	iTech	IT7324	6657	-	O/P Mon
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
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6844	12	06-Sep-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6846	12	06-Nov-2025
Cable Assembly	SpecTech	PE300-60	6859	-	TU
Cable Assembly	SpecTech	PE300-60	6860	-	TU
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6979	12	05-Apr-2026

Table 133

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 3.3 and 5.5
ISED RSS-GEN, Clause 6.13 and 8.9

2.5.2 Equipment Under Test and Modification State

A3448, S/N: C6FYGFCX3L - Modification State 0
A3448, S/N: C6YFMQX60V - Modification State 0

2.5.3 Date of Test

14-November-2025 to 19-November-2025

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.

In the 30 MHz to 1 GHz range pre-scans were only performed on the mid channel (2442 MHz) only. Tests were conducted in the frequency range and on the channels specified by the manufacturer, ensuring coverage of the worst-case operating modes.

The plots shown are the characterisation of the EUT. The limits on the plots represent the most stringent case for restricted bands, (74/54 dBuV/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 dBμV/m to μV/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.

2.5.5 Example Test Setup Diagram

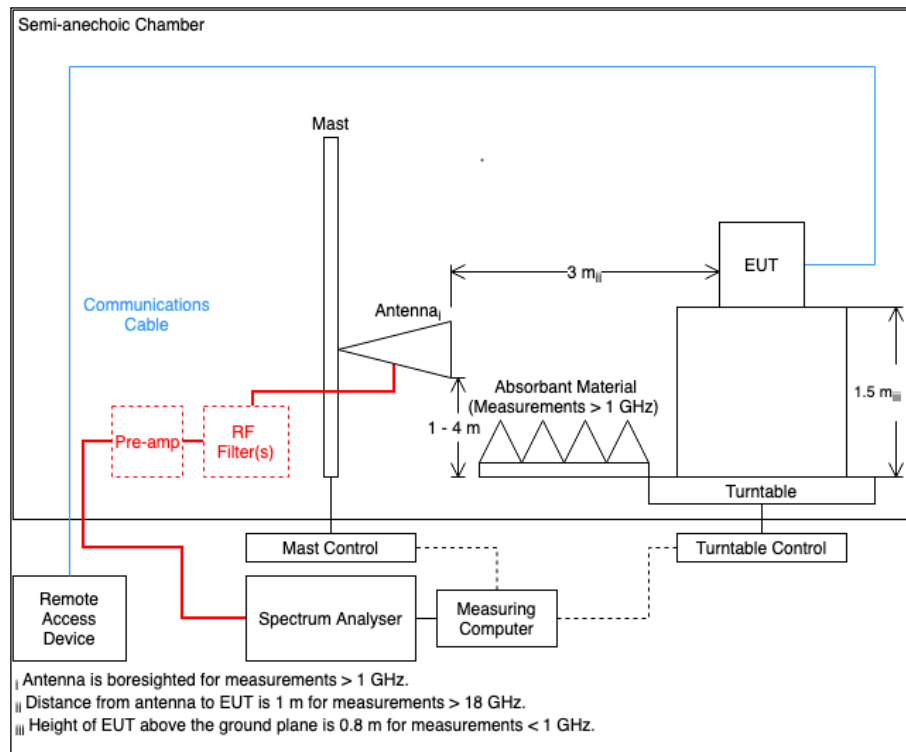


Figure 443

2.5.6 Environmental Conditions

Ambient Temperature	22.8 - 24.3 °C
Relative Humidity	40.7 - 47.6 %



2.5.7 Test Results

2.4 GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
73.606	20.97	40.00	-19.03	Q-Peak	337	181	Vertical
112.284	18.91	43.50	-24.59	Q-Peak	316	288	Horizontal
164.098	21.52	43.50	-21.98	Q-Peak	40	303	Horizontal
172.632	22.12	43.50	-21.38	Q-Peak	0	111	Vertical
253.418	23.28	46.00	-22.72	Q-Peak	353	171	Horizontal
272.347	22.04	46.00	-23.96	Q-Peak	259	108	Vertical
1440.185	34.20	54.00	-19.80	RMS	20	157	Vertical
2389.773	34.23	54.00	-19.77	RMS	45	287	Horizontal
2389.801	42.57	54.00	-11.43	RMS	360	294	Vertical
2483.507	39.62	54.00	-14.38	RMS	14	390	Vertical

Table 134 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

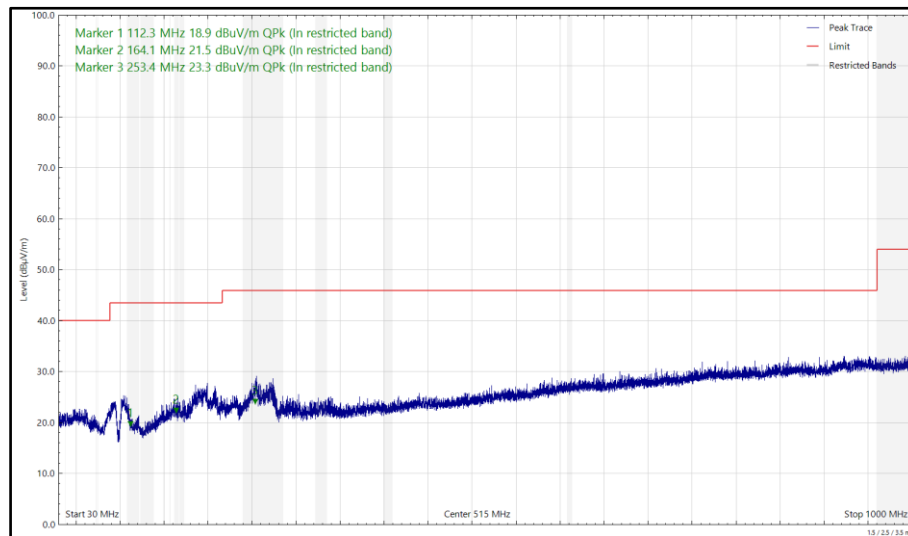


Figure 444 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

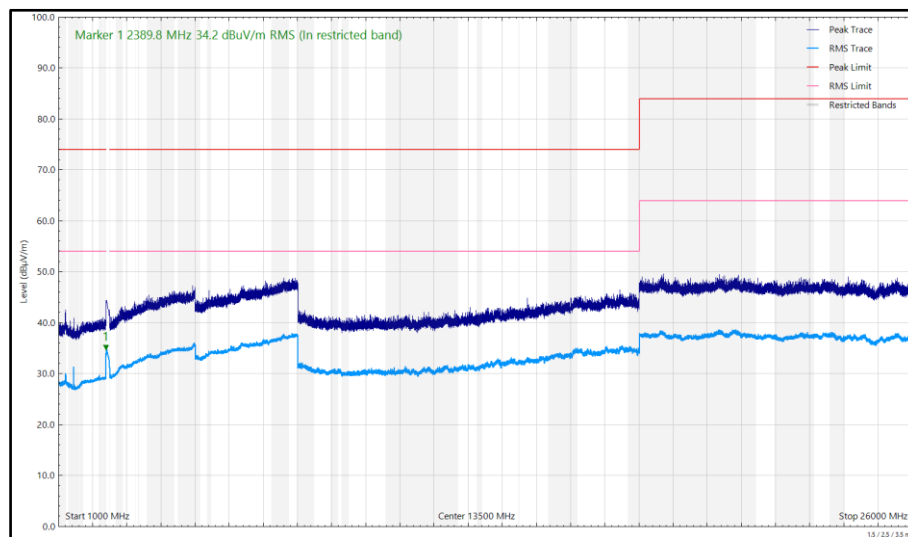


Figure 445 - 2442 MHz (CH7), 802.11b, Core 0, 1 GHz to 26 GHz, Horizontal

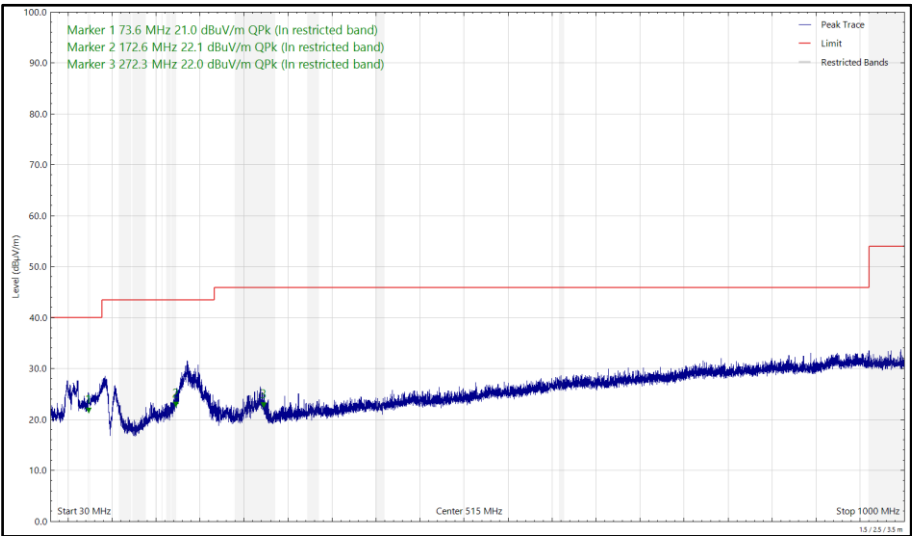


Figure 446 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

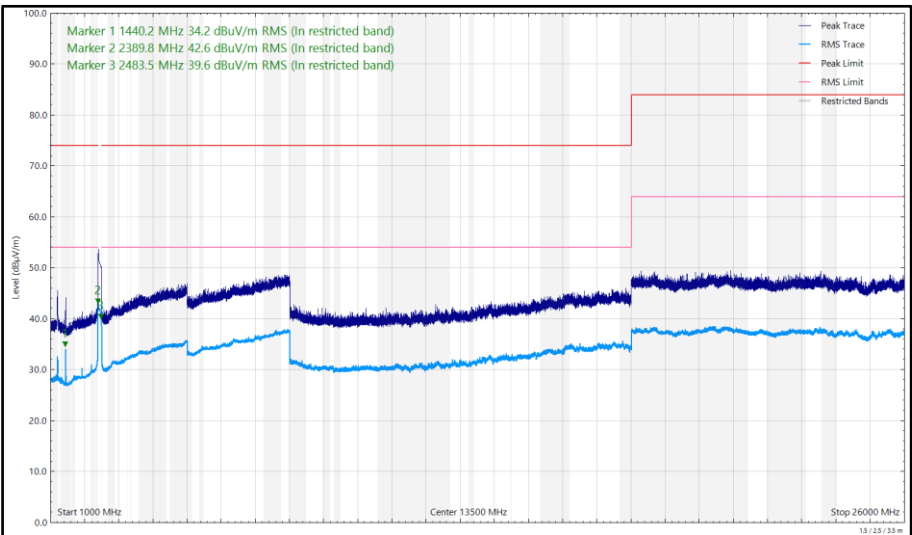


Figure 447 - 2442 MHz (CH7), 802.11b, Core 0, 1 GHz to 26 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
73.686	20.07	40.00	-19.93	Q-Peak	245	375	Vertical
108.030	19.49	43.50	-24.01	Q-Peak	117	238	Vertical
162.045	21.76	43.50	-21.74	Q-Peak	0	392	Horizontal
167.802	21.35	43.50	-22.15	Q-Peak	360	389	Vertical
270.005	21.42	46.00	-24.58	Q-Peak	249	199	Vertical
271.756	24.37	46.00	-21.63	Q-Peak	293	114	Horizontal
1440.149	33.10	54.00	-20.90	RMS	10	201	Vertical
2387.907	38.73	54.00	-15.27	RMS	339	397	Vertical
2483.507	35.00	54.00	-19.00	RMS	310	394	Horizontal
2483.507	43.62	54.00	-10.38	RMS	350	297	Vertical

Table 135 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

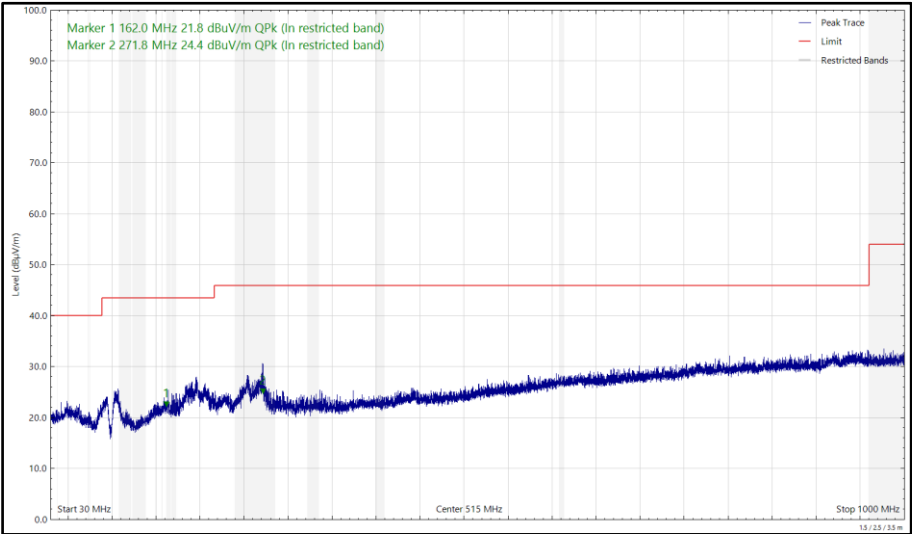


Figure 448 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

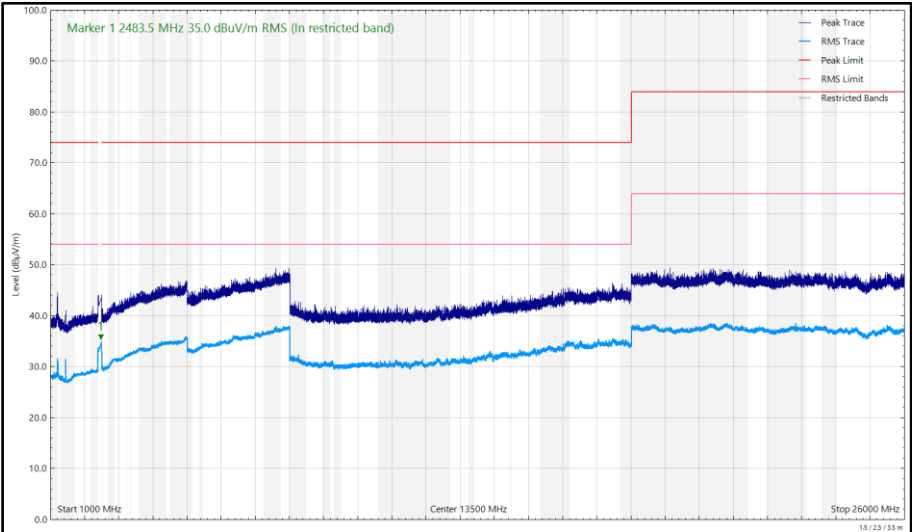


Figure 449 - 2442 MHz (CH7), 802.11b, Core 1, 1 GHz to 26 GHz, Horizontal

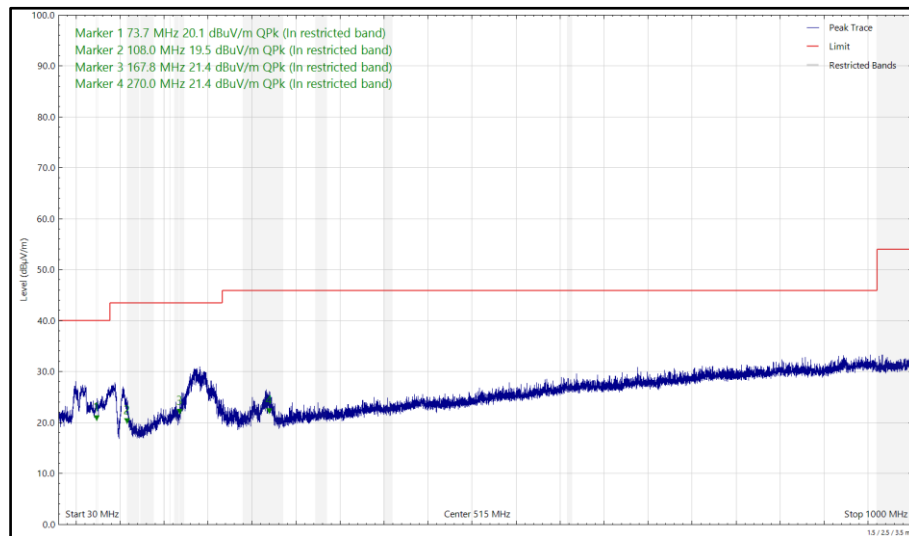


Figure 450 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

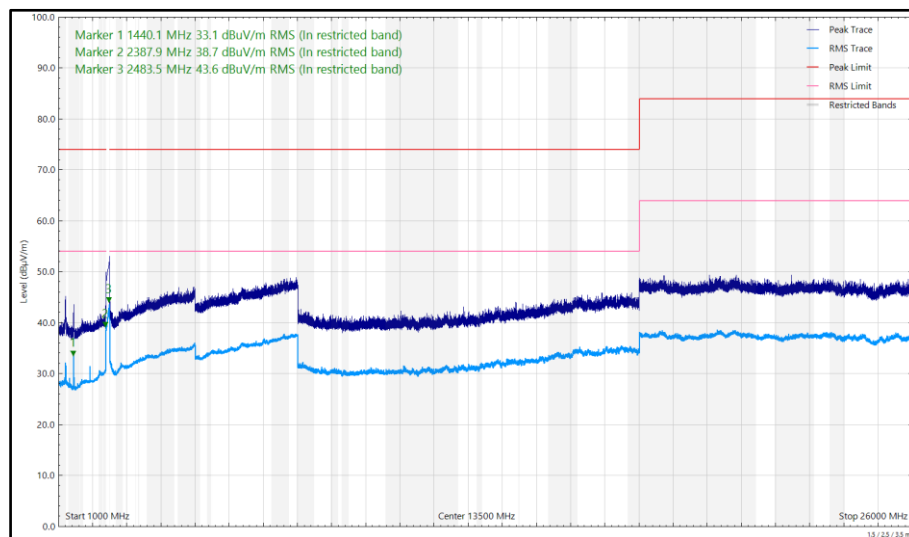


Figure 451 - 2442 MHz (CH7), 802.11b, Core 1, 1 GHz to 26 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
110.394	18.91	43.50	-24.59	Q-Peak	0	394	Horizontal
110.580	18.38	43.50	-25.12	Q-Peak	95	214	Vertical
168.883	21.29	43.50	-22.21	Q-Peak	305	348	Horizontal
172.168	21.06	43.50	-22.44	Q-Peak	41	369	Vertical
270.144	21.74	46.00	-24.26	Q-Peak	272	128	Vertical
272.112	23.72	46.00	-22.28	Q-Peak	291	141	Horizontal
2389.829	42.89	54.00	-11.11	RMS	4	368	Vertical
2389.996	34.92	54.00	-19.08	RMS	313	368	Horizontal
2483.770	57.34	74.00	-16.66	Peak	356	360	Vertical
2483.883	44.81	54.00	-9.19	RMS	357	379	Vertical
2485.756	35.00	54.00	-19.00	RMS	313	351	Horizontal

Table 136 - 2442 MHz (CH7), 802.11g, CDD, Core 0 + Core 1, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

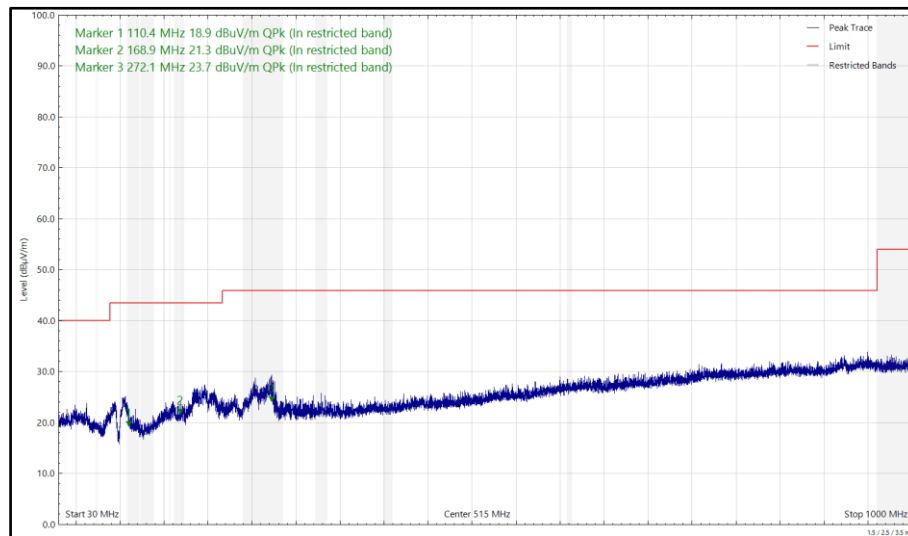


Figure 452 - 2442 MHz (CH7), 802.11g, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

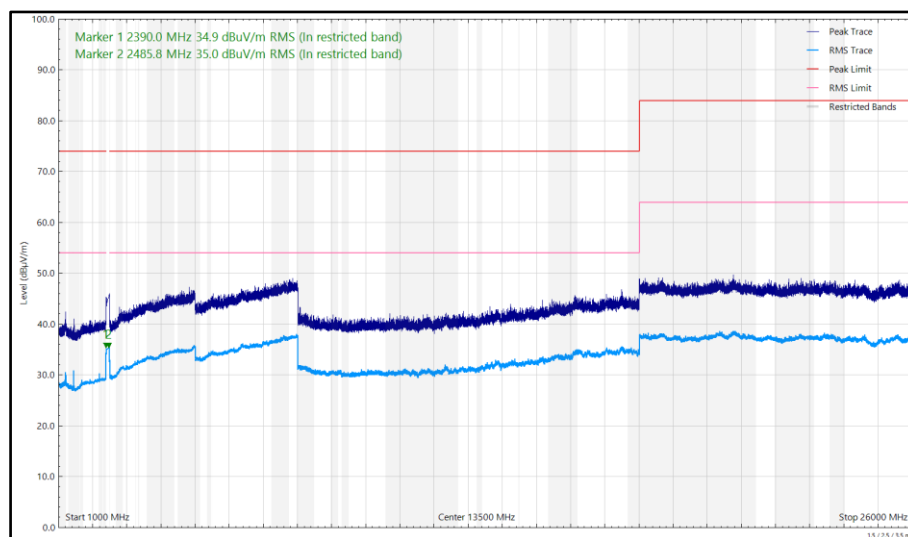


Figure 453 - 2442 MHz (CH7), 802.11g, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

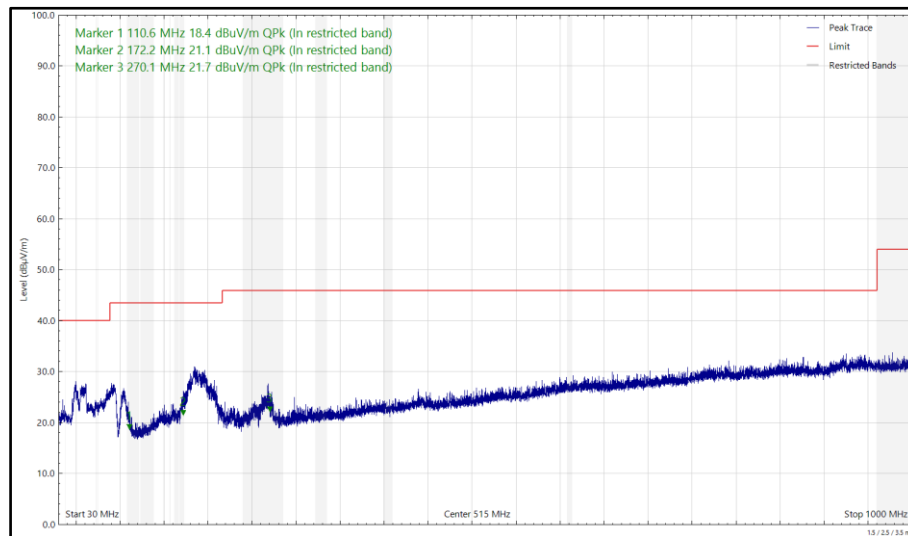


Figure 454 - 2442 MHz (CH7), 802.11g, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

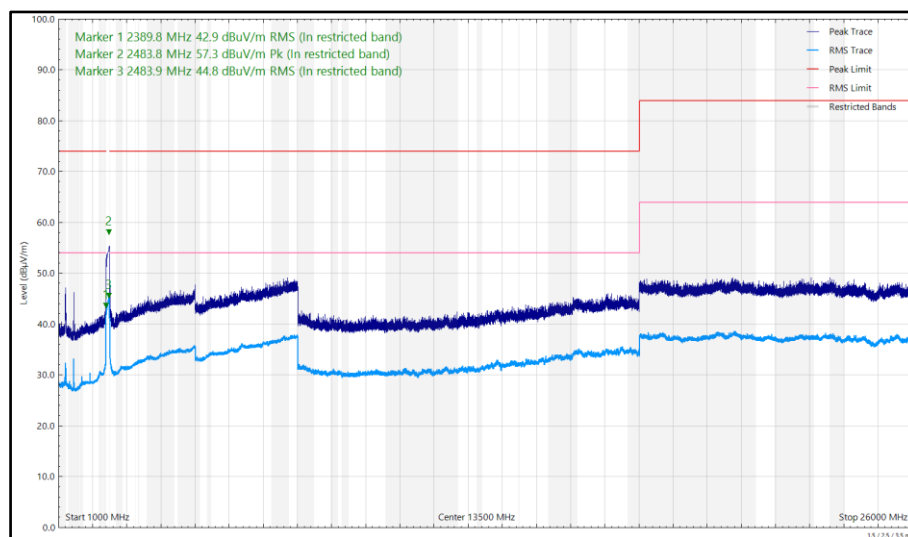


Figure 455 - 2442 MHz (CH7), 802.11g, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1440.158	35.11	54.00	-18.89	RMS	18	154	Vertical
2354.408	34.61	54.00	-19.39	RMS	0	292	Vertical
2483.519	34.83	54.00	-19.17	RMS	308	400	Horizontal
2483.637	43.33	54.00	-10.67	RMS	358	350	Vertical

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.

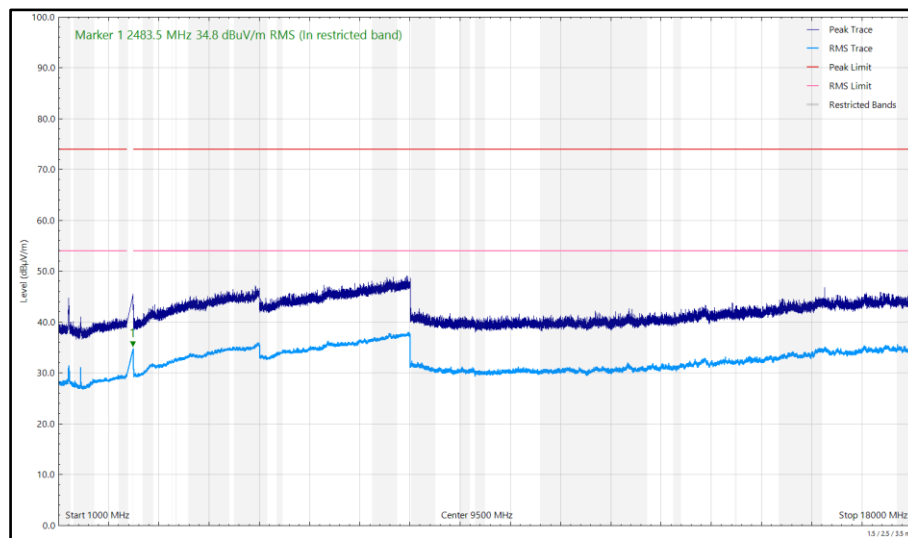


Figure 456 - 2412 MHz (CH1), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

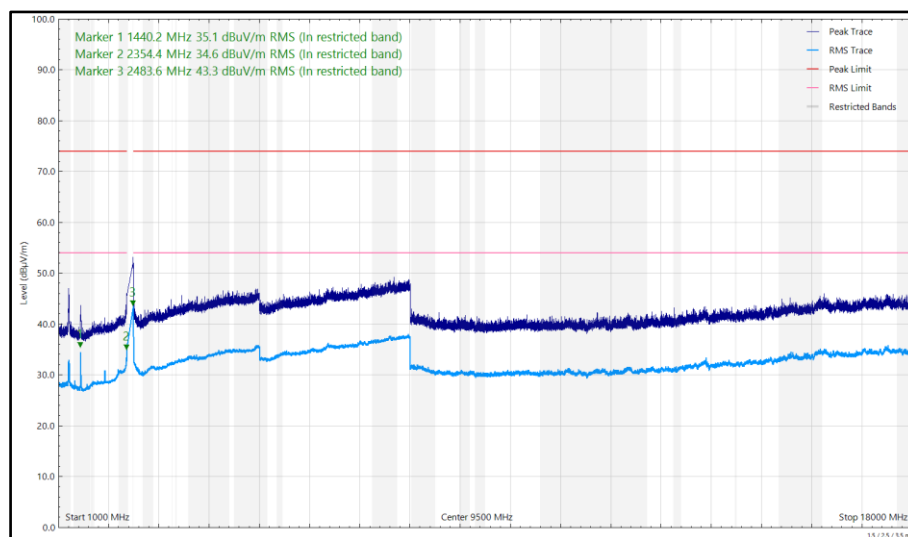


Figure 457 - 2412 MHz (CH1), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
73.024	21.44	40.00	-18.56	Q-Peak	274	188	Vertical
110.371	19.24	43.50	-24.26	Q-Peak	328	288	Horizontal
169.584	21.62	43.50	-21.88	Q-Peak	194	379	Horizontal
172.931	22.06	43.50	-21.44	Q-Peak	350	103	Vertical
257.199	22.44	46.00	-23.56	Q-Peak	350	170	Horizontal
267.871	22.37	46.00	-23.63	Q-Peak	251	101	Vertical
1440.125	32.43	54.00	-21.57	RMS	165	344	Vertical
2388.123	34.88	54.00	-19.12	RMS	82	375	Horizontal
2388.709	57.60	74.00	-16.40	Peak	0	287	Vertical
2389.605	45.77	54.00	-8.23	RMS	0	354	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.

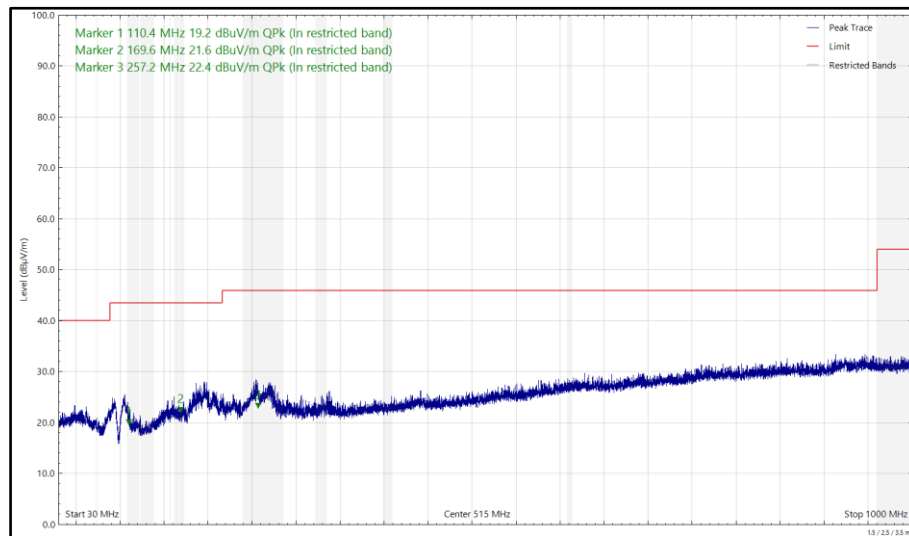


Figure 458 - 2442 MHz (CH7), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

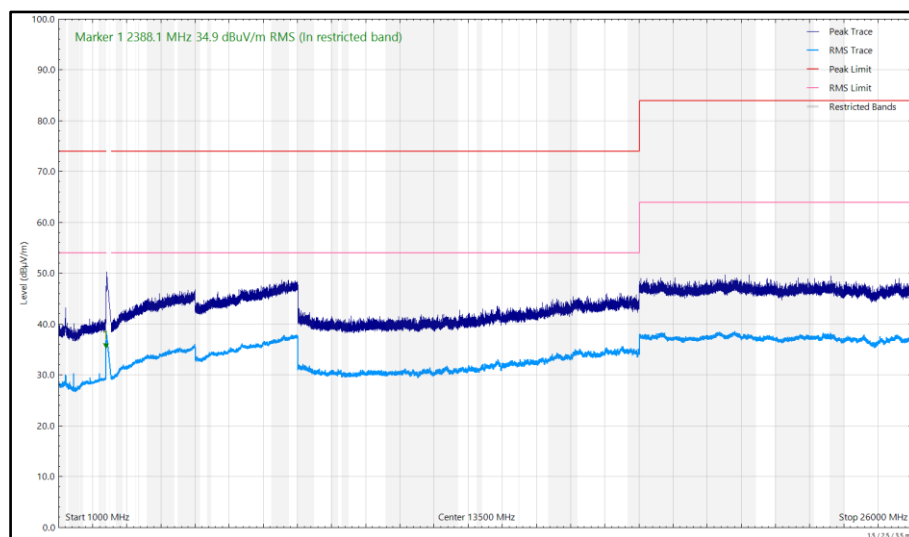


Figure 459 - 2442 MHz (CH7), HT20, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

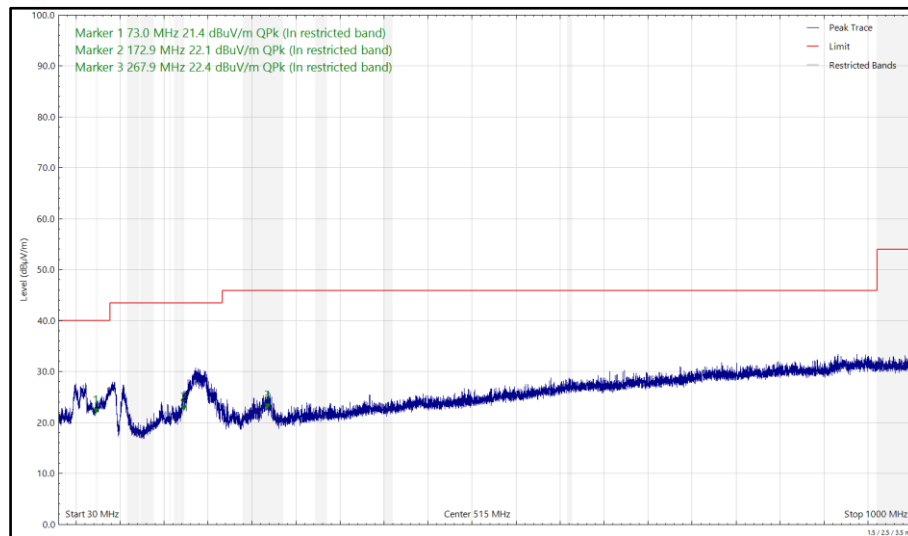


Figure 460 - 2442 MHz (CH7), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

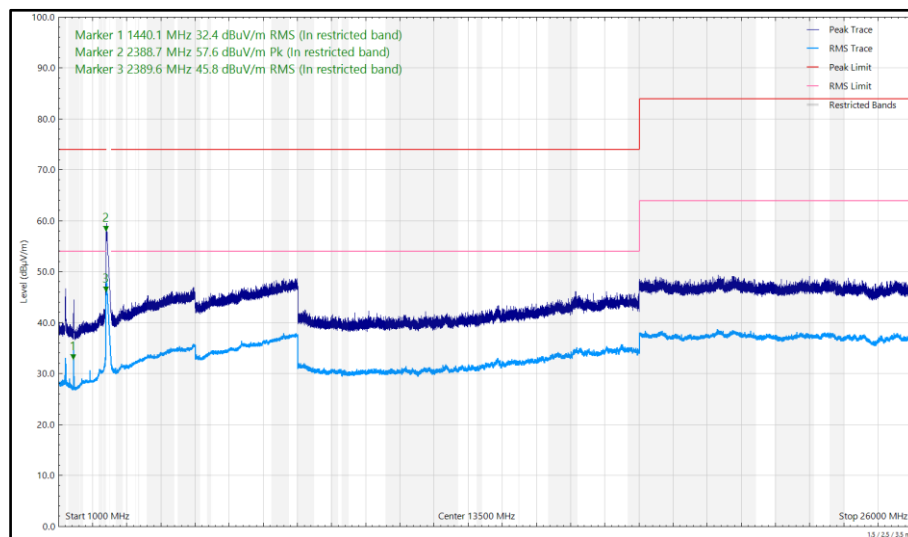


Figure 461 - 2442 MHz (CH7), HT20, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1440.089	31.94	54.00	-22.06	RMS	0	261	Vertical

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

No other emissions found within 20 dB of the limit.

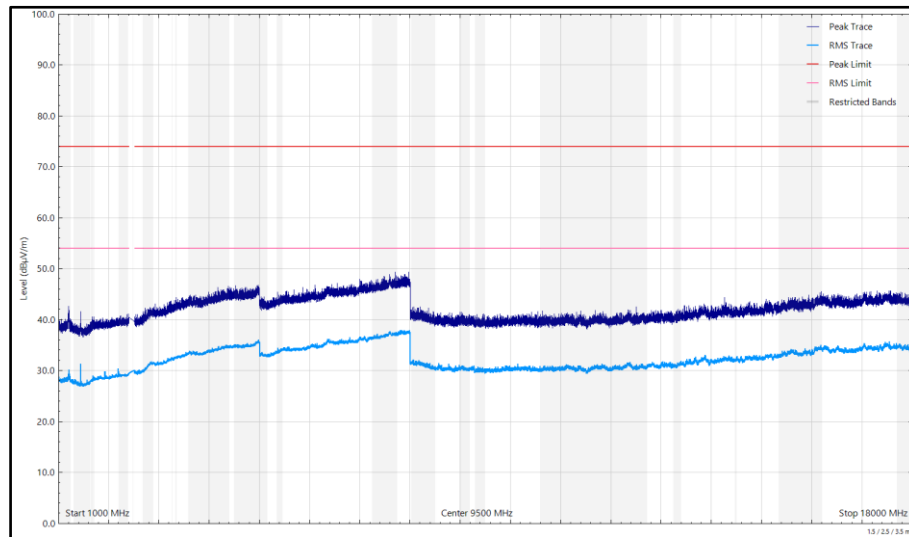


Figure 462 - 2472 MHz (CH13), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

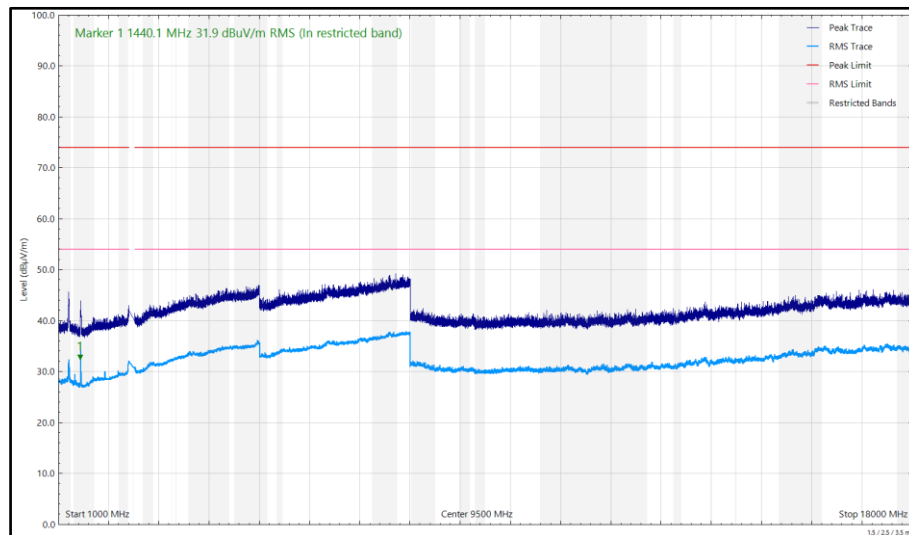


Figure 463 - 2472 MHz (CH13), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
75.034	20.63	40.00	-19.37	Q-Peak	193	116	Vertical
110.460	19.18	43.50	-24.32	Q-Peak	353	400	Horizontal
168.980	21.42	43.50	-22.08	Q-Peak	38	336	Horizontal
172.639	21.36	43.50	-22.14	Q-Peak	168	109	Vertical
263.024	21.15	46.00	-24.85	Q-Peak	279	155	Vertical
270.304	24.61	46.00	-21.39	Q-Peak	295	110	Horizontal
1440.113	35.25	54.00	-18.75	RMS	17	148	Vertical
2387.726	53.98	74.00	-20.02	Peak	0	278	Vertical
2389.509	42.91	54.00	-11.09	RMS	360	350	Vertical
2389.854	35.10	54.00	-18.90	RMS	294	398	Horizontal
2483.682	60.33	74.00	-13.67	Peak	0	321	Vertical
2483.751	33.14	54.00	-20.86	RMS	95	365	Horizontal
2483.795	43.37	54.00	-10.63	RMS	1	323	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.

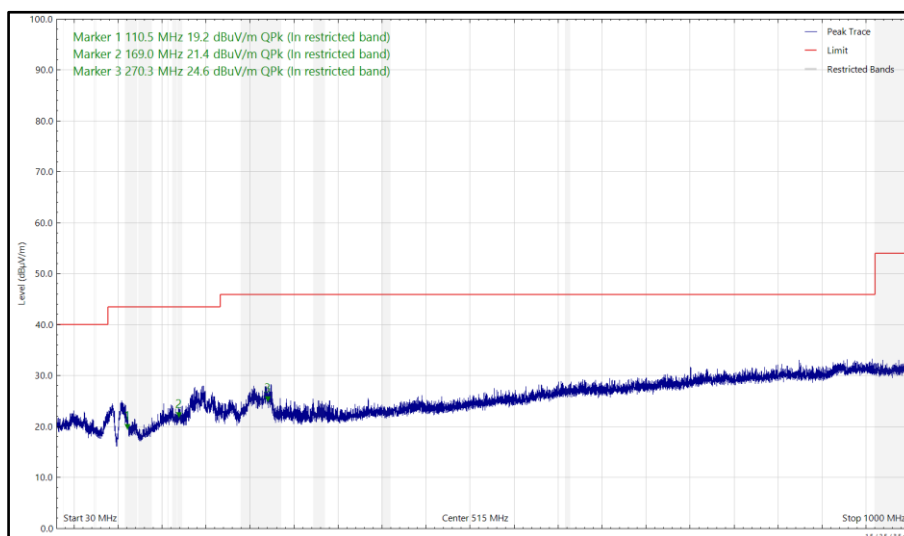


Figure 464 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

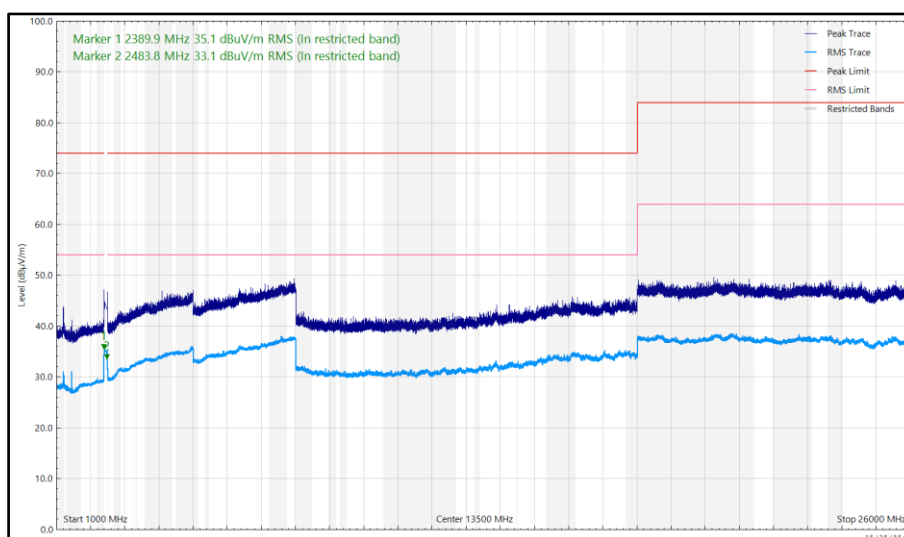


Figure 465 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

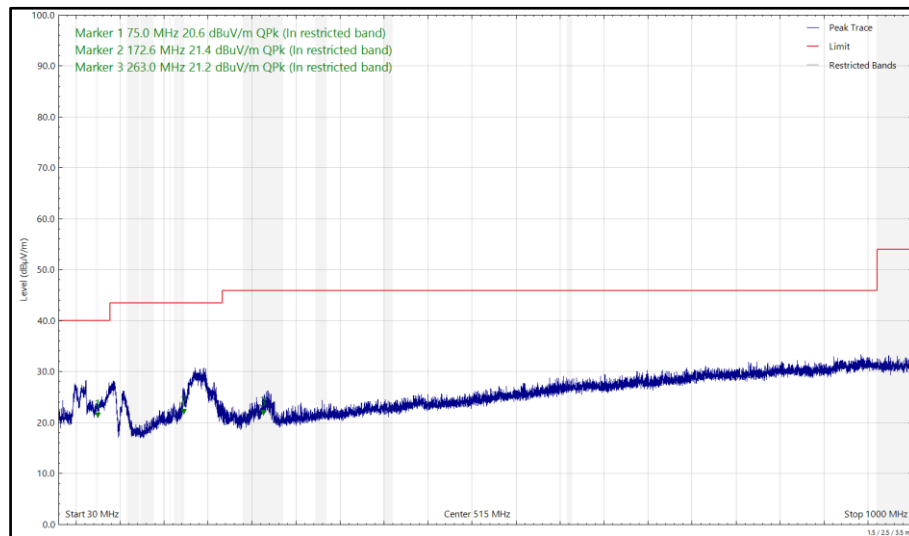


Figure 466 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

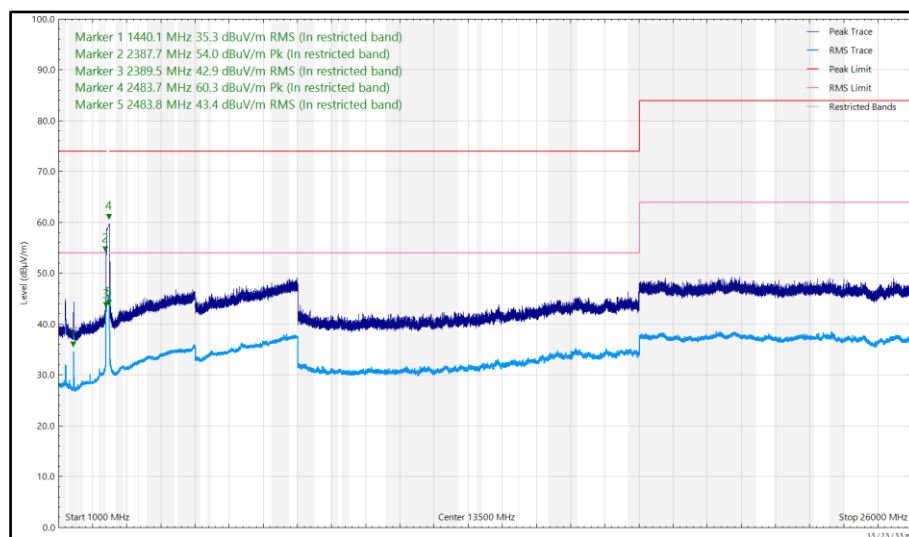


Figure 467 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
2389.563	34.33	54.00	-19.67	RMS	55	351	Horizontal
2389.756	42.60	54.00	-11.40	RMS	9	285	Vertical
2483.507	35.19	54.00	-18.81	RMS	316	396	Horizontal
2483.871	43.31	54.00	-10.69	RMS	350	299	Vertical
2484.003	61.87	74.00	-12.13	Peak	358	306	Vertical
4924.763	34.67	54.00	-19.33	RMS	0	341	Vertical

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

No other emissions found within 20 dB of the limit.

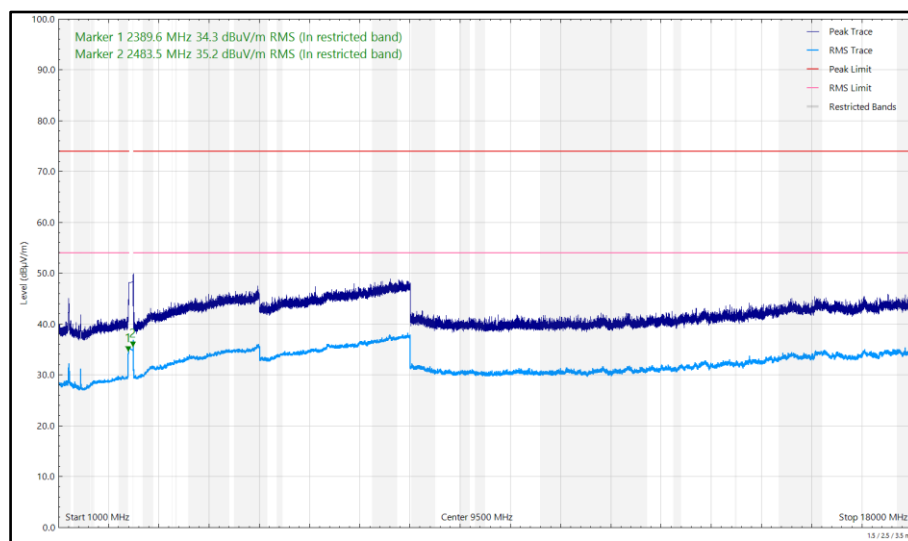


Figure 468 - 2442 MHz (CH7), EHT20, RU52+26-70, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

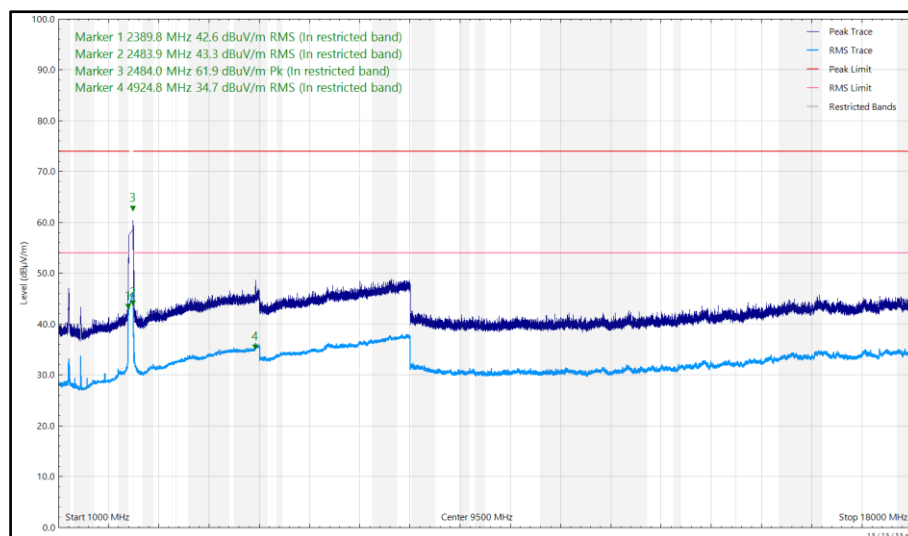


Figure 469 - 2442 MHz (CH7), EHT20, RU52+26-70, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
2389.731	42.13	54.00	-11.87	RMS	350	353	Vertical
2389.962	34.99	54.00	-19.01	RMS	294	358	Horizontal
2483.536	35.30	54.00	-18.70	RMS	310	380	Horizontal
2483.580	43.93	54.00	-10.07	RMS	359	341	Vertical
2483.920	61.16	74.00	-12.84	Peak	360	331	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.

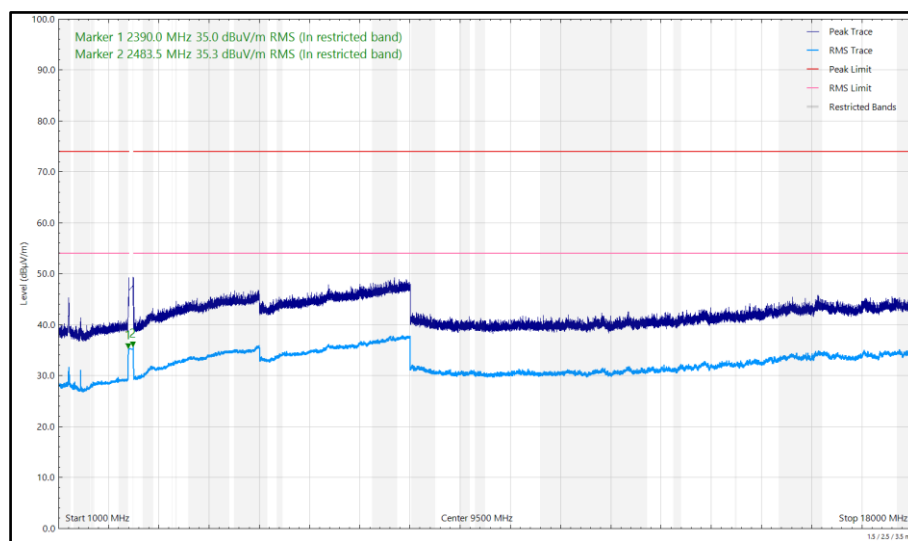


Figure 470 - 2442 MHz (CH7), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

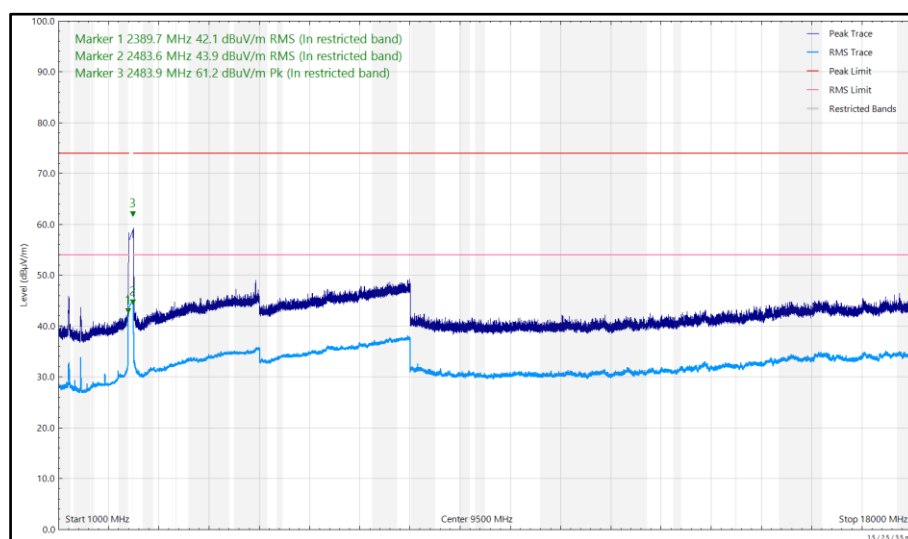


Figure 471 - 2442 MHz (CH7), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical



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 6.5(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 17 and RF Chamber 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.5.5	5125	-	TU
EMI Test Receiver	Rohde & Schwarz	ESW44	5911	12	29-Oct-2026
DRG Horn Antenna (7.5-18GHz)	Schwarzbeck	HWRD750	5939	12	18-May-2026
TRILOG Super Broadband Test Antenna	Schwarzbeck	VULB 9168	5942	24	03-Jan-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
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6018	12	12-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
Attenuator (4 dB)	Pasternack	PE7074-4	6202	24	03-Jan-2027
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
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6349	12	16-May-2026
8 GHz High Pass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6427	12	23-Apr-2026
Horn Antenna (1–10.5 GHz)	Schwarzbeck	BBHA 9120 B	6457	12	14-Sep-2026
3m Semi-Anechoic Chamber	Albatross Projects	Chamber 18	6597	36	08-May-2028
Coax cable sma to sma with N-Type adapter	TUV SUD	N/A	6637	12	23-Apr-2026
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
Pre Amp 8 - 18 GHz	Wright Technologies	APS06-0061	6783	12	24-Apr-2026
Turntable	Maturo Gmbh	TT1.5SI	6797	-	TU
AC Programmable Power	iTech	IT7324	6812	-	TU



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Supply					
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	SpecTech	PE300-60	6859	-	TU
Cable Assembly	SpecTech	PE300-60	6860	-	TU
Cable Assembly	SpecTech	PE300-60	6861	-	TU
Cable Assembly	SpecTech	PE300-60	6863	-	TU
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 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

A3448, S/N: C9465H6XJV - Modification State 0

2.6.3 Date of Test

08-October-2025

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	5.20	4.80	8.01	5.00	8.01

Table 144 - Peak Antenna Gains (PSD)



2.6.5 Environmental Conditions

Ambient Temperature 21.2 °C
Relative Humidity 63.3 %

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 6.3.1	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):	5.20
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	3.42	-	-	-	3.42	8.00	-4.58
2442	100.0	3.65	-	-	-	3.65	8.00	-4.35
2457	100.0	4.07	-	-	-	4.07	8.00	-3.93
2472	100.0	-1.32	-	-	-	-1.32	8.00	-9.32

Table 145 - 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 6.3.1	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 (%):	99.0
Data Rate:	12 Mbps	DCCF (dB):	0.04
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.20
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	-2.20	-	-	-	-2.20	8.00	-10.20
2442	100.0	2.40	-	-	-	2.40	8.00	-5.60
2472	100.0	-13.61	-	-	-	-13.61	8.00	-21.61

Table 146 - 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 6.3.1	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):	5.20
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	-3.47	-	-	-	-3.47	8.00	-11.47
2442	100.0	2.13	-	-	-	2.13	8.00	-5.87
2472	100.0	-12.08	-	-	-	-12.08	8.00	-20.08

Table 147 - 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 6.3.1	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):	5.20
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	-5.64	-	-	-	-5.64	8.00	-13.64
2442	100.0	1.12	-	-	-	1.12	8.00	-6.88
2472	100.0	-14.73	-	-	-	-14.73	8.00	-22.73

Table 148 - 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 6.3.1	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 (%):	98.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.20
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	2.07	-	-	-	2.07	8.00	-5.93
2442 (RU26.0)	100.0	1.63	-	-	-	1.63	8.00	-6.37
2457 (RU26.0)	100.0	1.52	-	-	-	1.52	8.00	-6.48
2472 (RU26.8)	100.0	-17.40	-	-	-	-17.40	8.00	-25.40

Table 149 - 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 6.3.1	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 (%):	98.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.20
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	2.44	-	-	-	2.44	8.00	-5.56
2442 (RU52.37)	100.0	2.15	-	-	-	2.15	8.00	-5.85
2457 (RU52.37)	100.0	2.36	-	-	-	2.36	8.00	-5.64
2472 (RU52.40)	100.0	-16.37	-	-	-	-16.37	8.00	-24.37

Table 150 - 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 6.3.1	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 (%):	98.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.20
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	1.74	-	-	-	1.74	8.00	-6.26
2442 (RU106.53)	100.0	2.19	-	-	-	2.19	8.00	-5.81
2457 (RU106.53)	100.0	3.14	-	-	-	3.14	8.00	-4.86
2472 (RU106.54)	100.0	-17.52	-	-	-	-17.52	8.00	-25.52

Table 151 - 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 6.3.1	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 (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.20
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	2.08	-	-	-	2.08	8.00	-5.93
2442 (RU Size 52 + RU Size 26.70)	100.0	1.31	-	-	-	1.31	8.00	-6.69
2457 (RU Size 52 + RU Size 26.70)	100.0	2.16	-	-	-	2.16	8.00	-5.84
2472 (RU Size 52 + RU Size 26.72)	100.0	-17.50	-	-	-	-17.50	8.00	-25.50

Table 152 - 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 6.3.1	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 (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.20
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	-2.22	-	-	-	-2.22	8.00	-10.22
2442 (RU Size 106 + RU Size 26.82)	100.0	1.77	-	-	-	1.77	8.00	-6.23
2472 (RU Size 106 + RU Size 26.83)	100.0	-15.45	-	-	-	-15.45	8.00	-23.45

Table 153 - 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 6.3.1	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):	4.80
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	-	3.26	-	-	3.26	8.00	-4.74
2437	100.0	-	3.39	-	-	3.39	8.00	-4.61
2442	100.0	-	3.34	-	-	3.34	8.00	-4.66
2472	100.0	-	-1.67	-	-	-1.67	8.00	-9.67

Table 154 - 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 6.3.1	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 (%):	99.0
Data Rate:	12 Mbps	DCCF (dB):	0.04
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.80
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	-	-2.58	-	-	-2.58	8.00	-10.58
2442	100.0	-	2.23	-	-	2.23	8.00	-5.77
2472	100.0	-	-13.39	-	-	-13.39	8.00	-21.39

Table 155 - 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 6.3.1	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):	4.80
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	-	-3.68	-	-	-3.68	8.00	-11.68
2442	100.0	-	1.77	-	-	1.77	8.00	-6.23
2472	100.0	-	-12.53	-	-	-12.53	8.00	-20.53

Table 156 - 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 6.3.1	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 (%):	99.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.04
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.80
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	-	-6.01	-	-	-6.01	8.00	-14.01
2437	100.0	-	1.69	-	-	1.69	8.00	-6.31
2442	100.0	-	0.78	-	-	0.78	8.00	-7.22
2472	100.0	-	-14.83	-	-	-14.83	8.00	-22.83

Table 157 - 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 6.3.1	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 (%):	98.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.80
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	-	1.89	-	-	1.89	8.00	-6.11
2442 (RU26.0)	100.0	-	1.21	-	-	1.21	8.00	-6.79
2472 (RU26.8)	100.0	-	-17.66	-	-	-17.66	8.00	-25.66

Table 158 - 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 6.3.1	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 (%):	98.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.80
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	-	1.87	-	-	1.87	8.00	-6.14
2442 (RU52.37)	100.0	-	1.78	-	-	1.78	8.00	-6.22
2472 (RU52.40)	100.0	-	-16.53	-	-	-16.53	8.00	-24.53

Table 159 - 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 6.3.1	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 (%):	98.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.80
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	-	0.95	-	-	0.95	8.00	-7.05
2442 (RU106.53)	100.0	-	1.55	-	-	1.55	8.00	-6.45
2472 (RU106.54)	100.0	-	-17.81	-	-	-17.81	8.00	-25.81

Table 160 - 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 6.3.1	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 (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.80
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	-	1.65	-	-	1.65	8.00	-6.35
2442 (RU Size 52 + RU Size 26.70)	100.0	-	1.35	-	-	1.35	8.00	-6.65
2472 (RU Size 52 + RU Size 26.72)	100.0	-	-17.64	-	-	-17.64	8.00	-25.64

Table 161 - 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 6.3.1	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 (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	4.80
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 106 + RU Size 26.82)	100.0	-	-2.41	-	-	-2.41	8.00	-10.41
2442 (RU Size 106 + RU Size 26.82)	100.0	-	1.41	-	-	1.41	8.00	-6.59
2472 (RU Size 106 + RU Size 26.83)	100.0	-	-15.80	-	-	-15.80	8.00	-23.80

Table 162 - 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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11g	Duty Cycle (%):	99.0
Data Rate:	12 Mbps	DCCF (dB):	0.04
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-3.88	-4.31	-	-	-1.08	6.29	-7.37
2437	51.0	0.52	-0.21	-	-	3.18	6.04	-2.86
2442	100.0	-0.61	-1.32	-	-	2.06	6.04	-3.98
2472	100.0	-13.47	-13.62	-	-	-10.54	5.99	-16.53

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	-3.88	-4.31	-	-	-1.08	8.00	-9.08
2437	51.0	0.52	-0.21	-	-	3.18	8.00	-4.82
2442	100.0	-0.61	-1.32	-	-	2.06	8.00	-5.94
2472	100.0	-13.47	-13.62	-	-	-10.54	8.00	-18.54

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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
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:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-5.49	-6.01	-	-	-2.73	6.29	-9.02
2437	51.0	0.31	-0.44	-	-	2.96	6.04	-3.08
2442	51.0	-0.39	-0.77	-	-	2.43	6.04	-3.61
2472	100.0	-16.21	-16.67	-	-	-13.42	5.99	-19.41

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	-5.49	-6.01	-	-	-2.73	8.00	-10.73
2437	51.0	0.31	-0.44	-	-	2.96	8.00	-5.04
2442	51.0	-0.39	-0.77	-	-	2.43	8.00	-5.57
2472	100.0	-16.21	-16.67	-	-	-13.42	8.00	-21.42

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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
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:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-7.26	-8.04	-	-	-4.62	6.29	-10.91
2437	100.0	1.88	0.96	-	-	4.45	6.04	-1.59
2442	100.0	0.32	-0.49	-	-	2.95	6.04	-3.09
2472	100.0	-18.90	-19.05	-	-	-15.96	5.99	-21.95

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	-7.26	-8.04	-	-	-4.62	8.00	-12.62
2437	100.0	1.88	0.96	-	-	4.45	8.00	-3.55
2442	100.0	0.32	-0.49	-	-	2.95	8.00	-5.05
2472	100.0	-18.90	-19.05	-	-	-15.96	8.00	-23.96

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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	99.1
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.04
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+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	1.83	1.01	-	-	4.45	6.29	-1.84
2442 (RU26.0)	100.0	1.35	0.98	-	-	4.18	6.04	-1.86
2472 (RU26.8)	100.0	-21.16	-21.65	-	-	-18.39	5.99	-24.38

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 (RU26.0)	100.0	1.83	1.01	-	-	4.45	8.00	-3.55
2442 (RU26.0)	100.0	1.35	0.98	-	-	4.18	8.00	-3.82
2472 (RU26.8)	100.0	-21.16	-21.65	-	-	-18.39	8.00	-26.39

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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	98.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412 (RU52.37)	51.0	-0.57	-1.32	-	-	2.08	6.29	-4.21
2442 (RU52.37)	100.0	1.72	1.09	-	-	4.43	6.04	-1.61
2472 (RU52.40)	100.0	-18.29	-19.64	-	-	-15.90	5.99	-21.89

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 (RU52.37)	51.0	-0.57	-1.32	-	-	2.08	8.00	-5.92
2442 (RU52.37)	100.0	1.72	1.09	-	-	4.43	8.00	-3.57
2472 (RU52.40)	100.0	-18.29	-19.64	-	-	-15.90	8.00	-23.90

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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+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	1.22	0.53	-	-	3.90	6.29	-2.39
2442 (RU106.53)	51.0	-0.76	-1.36	-	-	1.96	6.04	-4.08
2472 (RU106.54)	100.0	-21.23	-22.39	-	-	-18.76	5.99	-24.75

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 (RU106.53)	100.0	1.22	0.53	-	-	3.90	8.00	-4.10
2442 (RU106.53)	51.0	-0.76	-1.36	-	-	1.96	8.00	-6.04
2472 (RU106.54)	100.0	-21.23	-22.39	-	-	-18.76	8.00	-26.76

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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
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 (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+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	-0.14	-0.63	-	-	2.63	6.29	-3.66
2442 (RU Size 52 + RU Size 26.70)	100.0	1.52	0.58	-	-	4.09	6.04	-1.95
2472 (RU Size 52 + RU Size 26.72)	100.0	-20.12	-20.81	-	-	-17.44	5.99	-23.43

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 (RU Size 52 + RU Size 26.70)	100.0	-0.14	-0.63	-	-	2.63	8.00	-5.37
2442 (RU Size 52 + RU Size 26.70)	100.0	1.52	0.58	-	-	4.09	8.00	-3.91
2472 (RU Size 52 + RU Size 26.72)	100.0	-20.12	-20.81	-	-	-17.44	8.00	-25.44

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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
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 (%):	97.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.10
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

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	-3.49	-3.96	-	-	-0.71	6.29	-7.00
2442 (RU Size 106 + RU Size 26.82)	100.0	1.84	0.73	-	-	4.33	6.04	-1.71
2472 (RU Size 106 + RU Size 26.83)	100.0	-15.61	-16.30	-	-	-12.93	5.99	-18.92

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 106 + RU Size 26.82)	100.0	-3.49	-3.96	-	-	-0.71	8.00	-8.71
2442 (RU Size 106 + RU Size 26.82)	100.0	1.84	0.73	-	-	4.33	8.00	-3.67
2472 (RU Size 106 + RU Size 26.83)	100.0	-15.61	-16.30	-	-	-12.93	8.00	-20.93

Table 178 - 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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11n HT20	Duty Cycle (%):	99.1
Modulation Coding Scheme:	MCS10	DCCF (dB):	0.04
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-4.66	-5.17	-	-	-1.90	8.00	-9.90
2437	51.0	0.09	-0.62	-	-	2.76	8.00	-5.24
2442	100.0	0.97	0.38	-	-	3.70	8.00	-4.30
2472	100.0	-15.62	-15.83	-	-	-12.71	8.00	-20.71

Table 179 - 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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 SU	Duty Cycle (%):	99.1
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.04
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-7.12	-7.41	-	-	-4.25	8.00	-12.25
2437	100.0	1.30	0.74	-	-	4.04	8.00	-3.96
2442	100.0	-0.07	-0.98	-	-	2.51	8.00	-5.49
2472	100.0	-17.51	-17.61	-	-	-14.55	8.00	-22.55

Table 180 - 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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU26	Duty Cycle (%):	99.2
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.03
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+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	1.74	0.86	-	-	4.33	8.00	-3.67
2442 (RU26.0)	100.0	1.85	0.92	-	-	4.42	8.00	-3.58
2472 (RU26.8)	100.0	-21.15	-21.78	-	-	-18.45	8.00	-26.45

Table 181 - 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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU52	Duty Cycle (%):	98.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.05
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+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	1.99	1.41	-	-	4.72	8.00	-3.28
2442 (RU52.37)	100.0	1.90	1.05	-	-	4.50	8.00	-3.50
2472 (RU52.40)	100.0	-18.54	-19.50	-	-	-15.98	8.00	-23.98

Table 182 - 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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ax HE20 RU106	Duty Cycle (%):	98.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.05
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+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	0.89	0.41	-	-	3.67	8.00	-4.33
2442 (RU106.53)	51.0	-0.64	-1.19	-	-	2.11	8.00	-5.89
2472 (RU106.54)	100.0	-21.32	-22.26	-	-	-18.75	8.00	-26.75

Table 183 - 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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
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 (%):	97.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+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	0.75	0.30	-	-	3.54	8.00	-4.46
2442 (RU Size 52 + RU Size 26.70)	100.0	1.50	0.61	-	-	4.09	8.00	-3.91
2472 (RU Size 52 + RU Size 26.72)	100.0	-20.14	-20.88	-	-	-17.48	8.00	-25.48

Table 184 - 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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
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 (%):	97.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.10
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	5.00
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

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	-3.46	-4.10	-	-	-0.76	8.00	-8.76
2442 (RU Size 106 + RU Size 26.82)	100.0	1.40	1.05	-	-	4.24	8.00	-3.76
2472 (RU Size 106 + RU Size 26.83)	100.0	-15.04	-15.65	-	-	-12.32	8.00	-20.32

Table 185 - 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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
Note(s):	DCCF was added to the spectrum analyser reference level offset.		

DUT Configuration			
Mode:	802.11ac VHT20	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.04
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-8.10	-8.93	-	-	-5.49	6.29	-11.78
2437	100.0	1.66	1.02	-	-	4.36	6.04	-1.68
2442	100.0	-0.14	-0.64	-	-	2.63	6.04	-3.41
2472	100.0	-19.40	-19.74	-	-	-16.56	5.99	-22.55

Table 186 - 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	-8.10	-8.93	-	-	-5.49	8.00	-13.49
2437	100.0	1.66	1.02	-	-	4.36	8.00	-3.64
2442	100.0	-0.14	-0.64	-	-	2.63	8.00	-5.37
2472	100.0	-19.40	-19.74	-	-	-16.56	8.00	-24.56

Table 187 - 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 6.3.1	Test Method(s):	C63.10 11.10.5
Additional Reference(s):	662911 D01 v02r01 E)2)b)		
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:	TxBF	Peak Antenna Gain (dBi):	8.01
Active Port(s):	A+B (Core 0 + Core 1)	Active Chain(s):	0+1

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2412	100.0	-8.99	-9.68	-	-	-6.31	6.29	-12.60
2437	100.0	0.75	-0.20	-	-	3.31	6.04	-2.73
2442	100.0	-1.15	-1.84	-	-	1.53	6.04	-4.51
2472	100.0	-20.27	-20.62	-	-	-17.43	5.99	-23.42

Table 188 - 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	-8.99	-9.68	-	-	-6.31	8.00	-14.31
2437	100.0	0.75	-0.20	-	-	3.31	8.00	-4.69
2442	100.0	-1.15	-1.84	-	-	1.53	8.00	-6.47
2472	100.0	-20.27	-20.62	-	-	-17.43	8.00	-25.43

Table 189 - ISECD Maximum Power Spectral Density Results

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

The power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

ISED RSS-247, Limit Clause 6.3.1

The transmitter power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission



2.6.7 Test Location and Test Equipment Used

This test was carried out in EMC Laboratory 2.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
True RMS Multimeter	Fluke	79 Series III	411	12	09-Jan-2026
Hygrometer	Rotronic	Hygropalm 0	3028	12	28-Aug-2026
AC Programmable Power Supply	iTech	IT7324	5226	-	O/P Mon
MXA Signal Analyser	Keysight Technologies	N9020B	5528	24	10-Sep-2027
USB Power Sensor	Boonton	RTP5008	5833	12	29-Aug-2026
USB Power Sensor	Boonton	RTP5008	5834	12	29-Aug-2026
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6350	12	02-Sep-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6638	12	29-Aug-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6639	12	29-Aug-2026

Table 190

O/P Mon - Output Monitored using calibrated equipment



3 Measurement Uncertainty

For a 95% confidence level, the measurement uncertainties for defined systems are:

Test Name	Measurement Uncertainty
Restricted Band Edges	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Emission Bandwidth	± 545.655 kHz
Maximum Conducted Output Power	Method PM: ± 0.65 dB Method SA: ± 1.05 dB
Authorised Band Edges	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Spurious Radiated Emissions	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Power Spectral Density	± 1.00 dB

Table 191

Measurement Uncertainty Decision Rule – Accuracy Method

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115:2021, Clause 4.4.3 (Procedure 2). The measurement results are directly compared with the test limit to determine conformance with the requirements of the standard.

Risk: The uncertainty of measurement about the measured result is negligible with regard to the final pass/fail decision. The measurement result can be directly compared with the test limit to determine conformance with the requirement (compare IEC Guide 115). The level of risk to falsely accept and falsely reject items is further described in ILAC-G8.