



20 MHz Bandwidth - Core 0-1 (CDD)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Level (dBc)
802.11g	12 Mbps	-	-	2412	2400	-40.88
802.11n HT20	MCS 7	-	-	2412	2400	-39.71
802.11ax HE20	MCS 4x1	SU	-	2412	2400	-41.03
802.11ax HE20	MCS 9x1	26	0	2412	2400	-38.58
802.11be EHT20	MCS 9x1	106+26	82	2412	2400	-41.25

Table 129 - CDD Authorised Band Edge Results

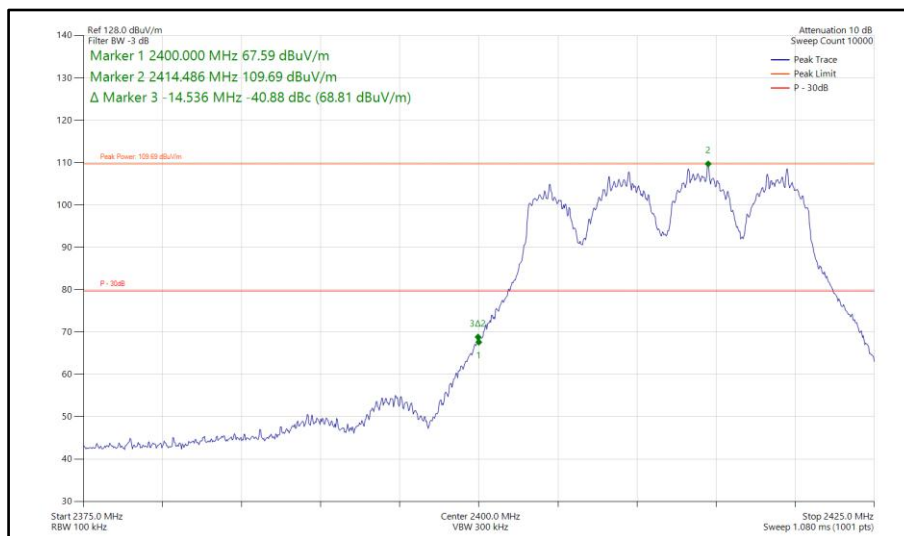


Figure 126 - 802.11g, CDD, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz

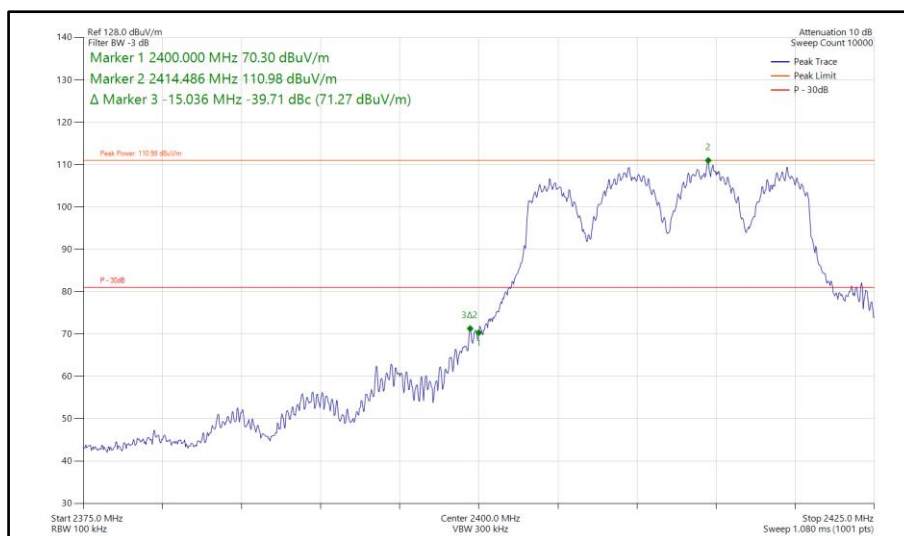


Figure 127 - 802.11n HT20, CDD, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz

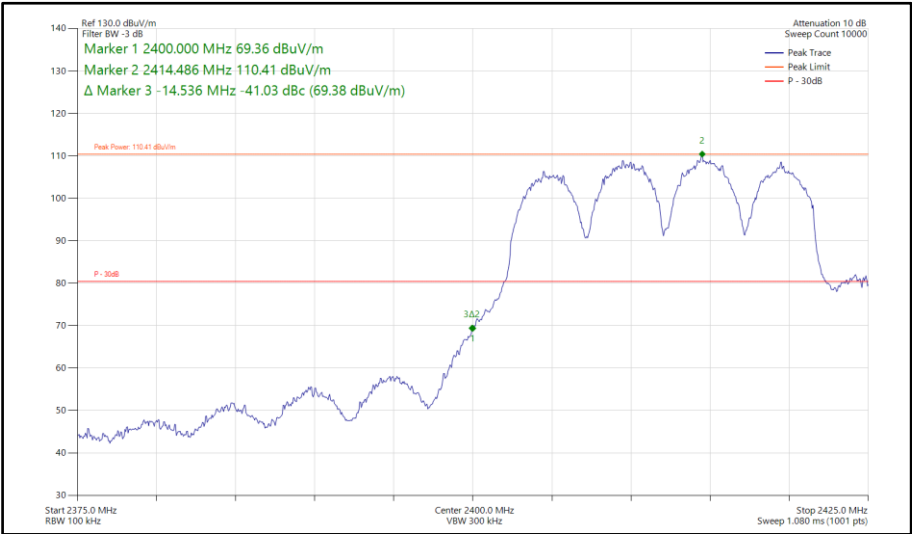


Figure 128 - 802.11ax HE20, SU, CDD, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz

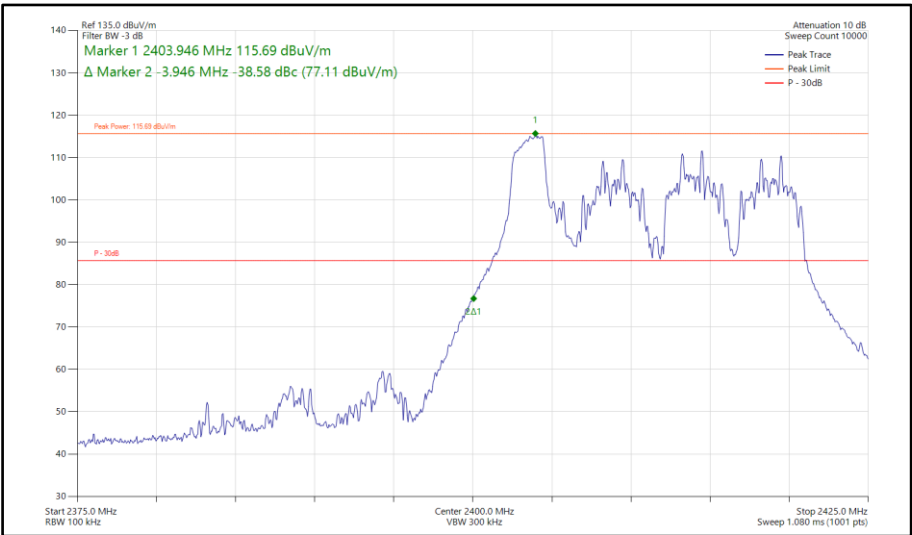
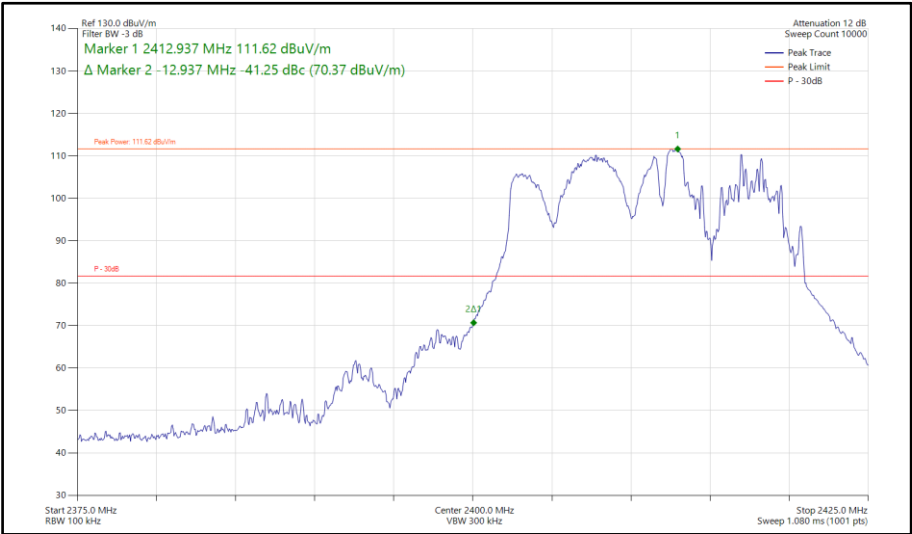


Figure 129 - 802.11ax HE20, RU 26-0, CDD, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz



**Figure 130 - 802.11be EHT20, RU 106+26-82, CDD, Core 0-1 - 2412 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 7	-	-	2412	2400	-42.12
802.11ax HE20	MCS 4x2	SU	-	2412	2400	-42.83
802.11ax HE20	MCS 9x2	26	0	2412	2400	-38.53
802.11be EHT20	MCS 9x2	106+26	82	2412	2400	-40.60

Table 130 - SDM Authorised Band Edge Results

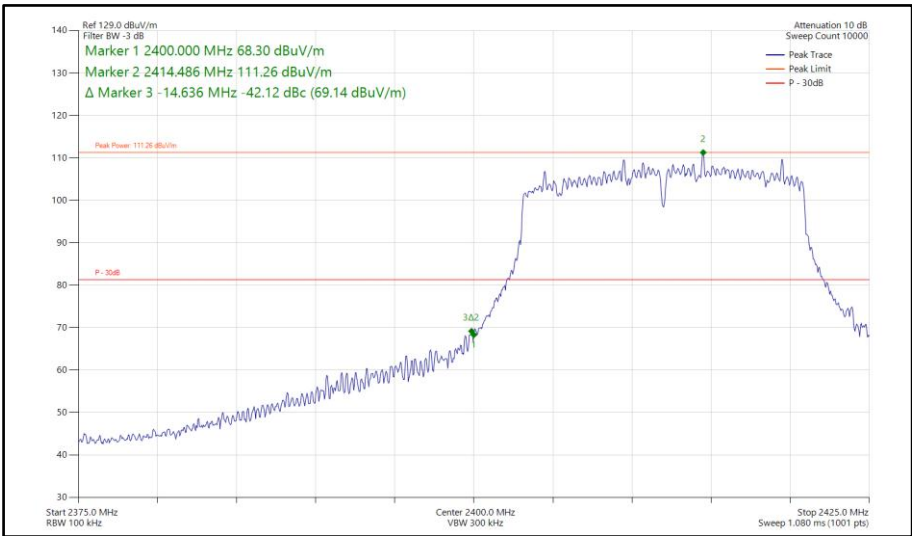


Figure 131 - 802.11n HT20, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz

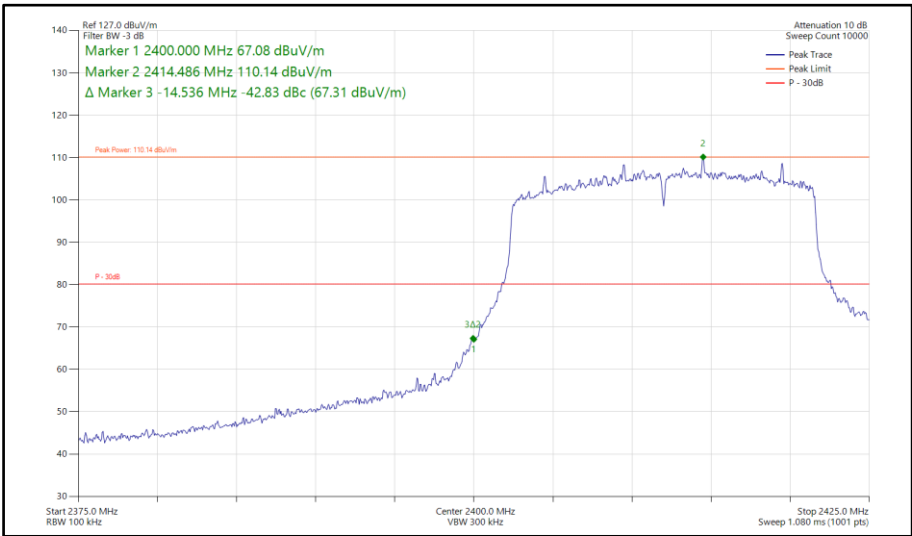


Figure 132 - 802.11ax HE20, SU, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz

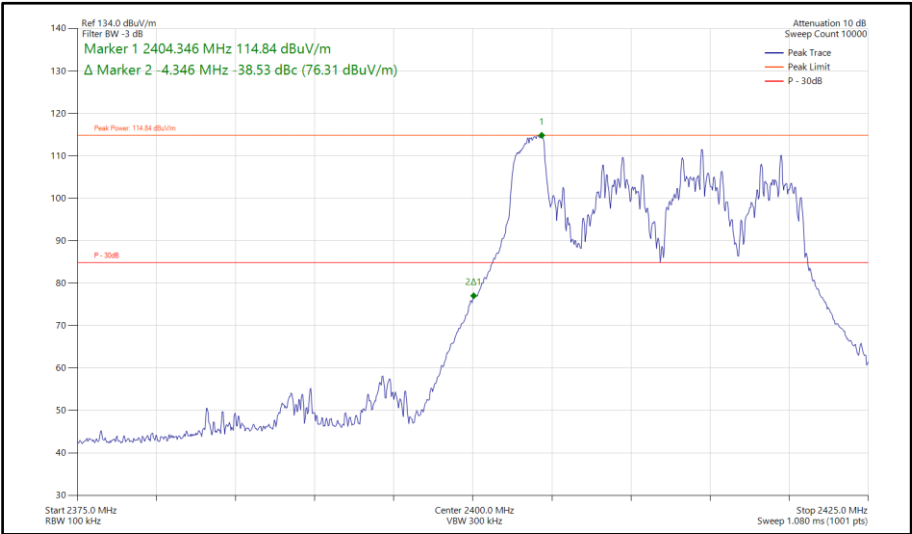


Figure 133 - 802.11ax HE20, RU 26-0, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz

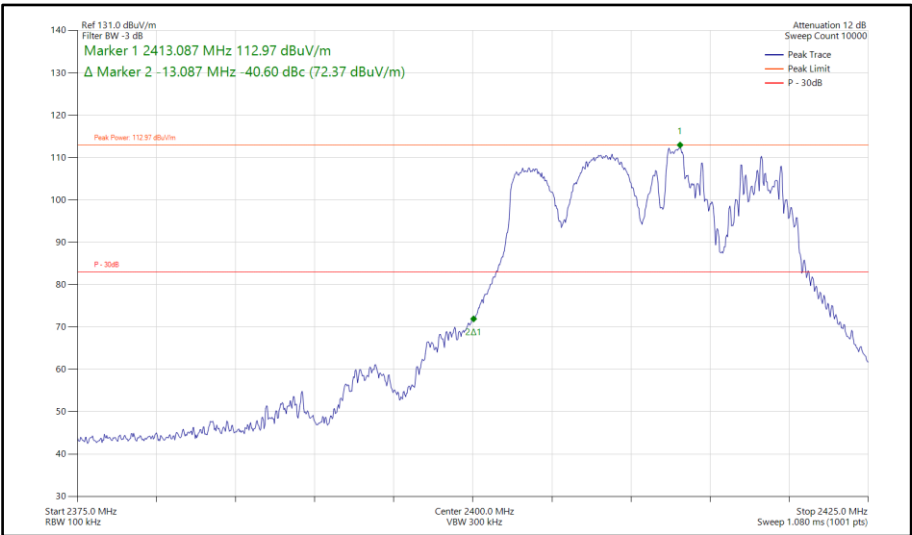


Figure 134 - 802.11be EHT20, RU 106+26-82, SDM, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz



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 7x1	-	-	2412	2400	-38.98
802.11ax HE20	MCS 4x1	SU	-	2412	2400	-41.38

Table 131 - TxBF Authorised Band Edge Results

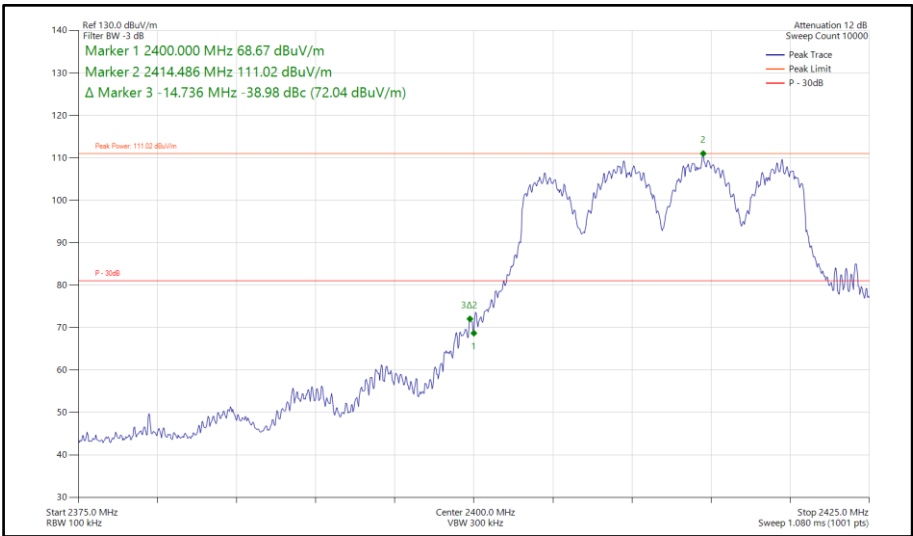


Figure 135 - 802.11ac VHT20, TxBF, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz

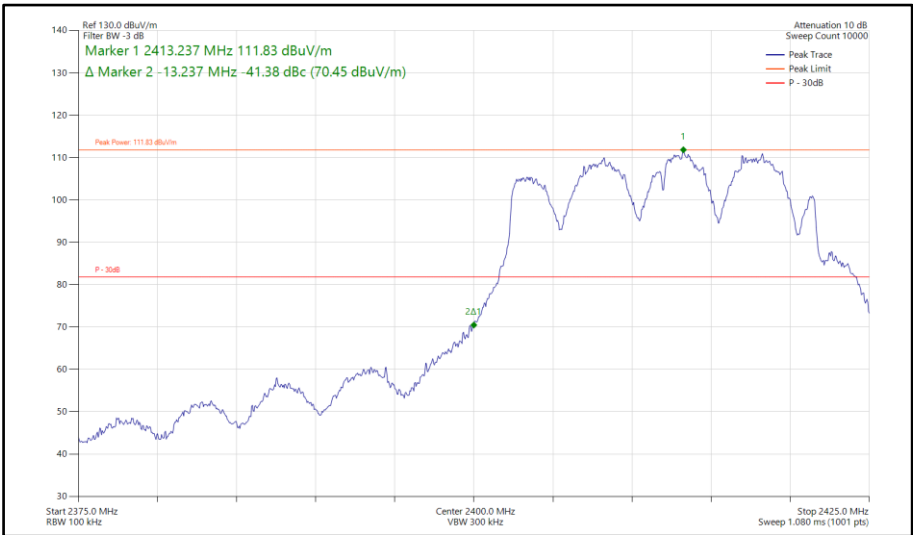


Figure 136 - 802.11ax HE20, SU, TxBF, Core 0-1 - 2412 MHz
Band Edge Frequency 2400 MHz



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 6.3.2, 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.



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

A3428, S/N: FF9MP4FP2G - Modification State 0
A3428, S/N: GJM3XKXYGQ - Modification State 0

2.5.3 Date of Test

15-December-2025 to 20-December-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. The tests were conducted in the frequency range and on the channels specified by the customer, 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.

2.5.7 Test Results

2.4 GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.153	21.27	40.00	-18.73	Q-Peak	281	115	Vertical
73.227	19.71	40.00	-20.29	Q-Peak	267	206	Vertical
115.272	21.49	43.50	-22.01	Q-Peak	288	133	Vertical
115.745	22.73	43.50	-20.77	Q-Peak	188	388	Horizontal
128.174	22.58	43.50	-20.92	Q-Peak	270	354	Horizontal
171.236	20.13	43.50	-23.37	Q-Peak	150	282	Horizontal
327.288	21.11	46.00	-24.89	Q-Peak	282	154	Horizontal
2387.535	53.70	74.00	-20.30	Peak	360	355	Vertical
2389.815	39.07	54.00	-14.93	RMS	52	396	Horizontal
2389.948	43.08	54.00	-10.92	RMS	1	340	Vertical
2483.506	44.04	54.00	-9.96	RMS	26	321	Vertical
2483.521	39.47	54.00	-14.53	RMS	52	388	Horizontal

Table 132 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

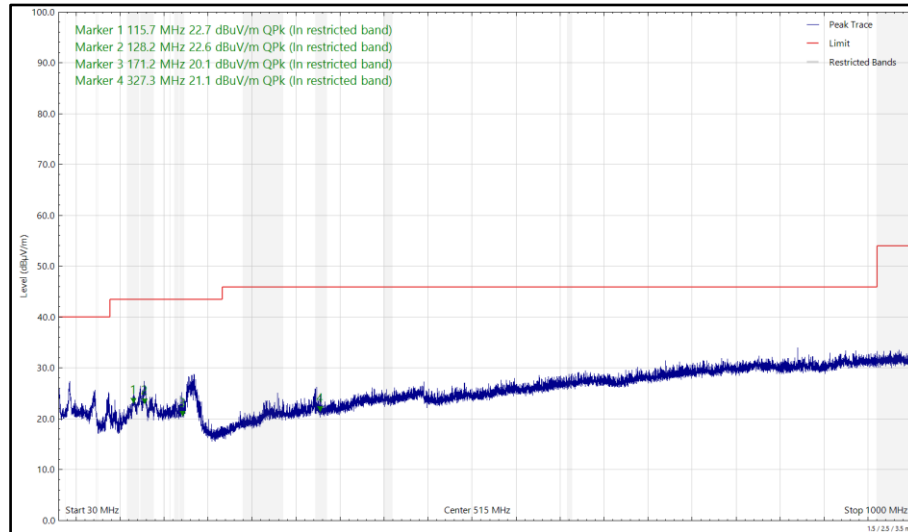


Figure 138 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

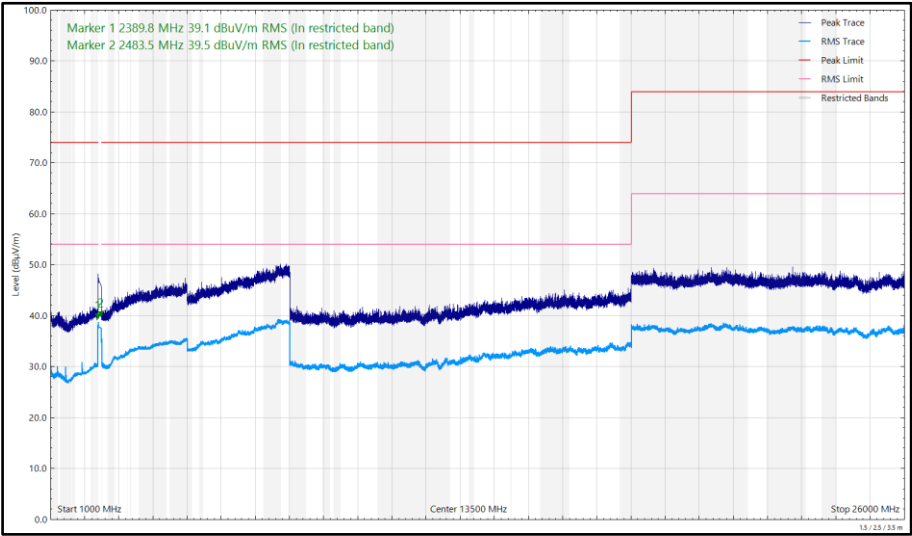


Figure 139 - 2442 MHz (CH7), 802.11b, Core 0, 1 GHz to 26 GHz, Horizontal

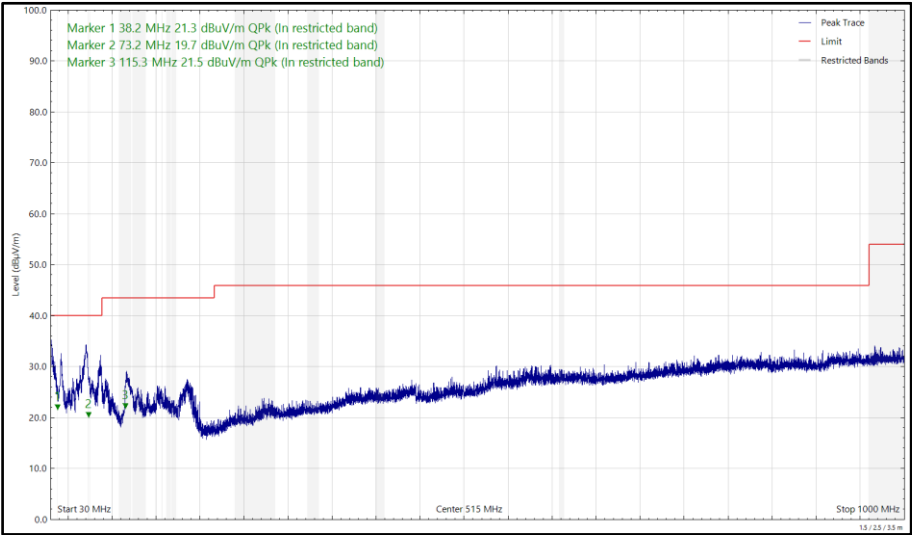


Figure 140 - 2442 MHz (CH7), 802.11b, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

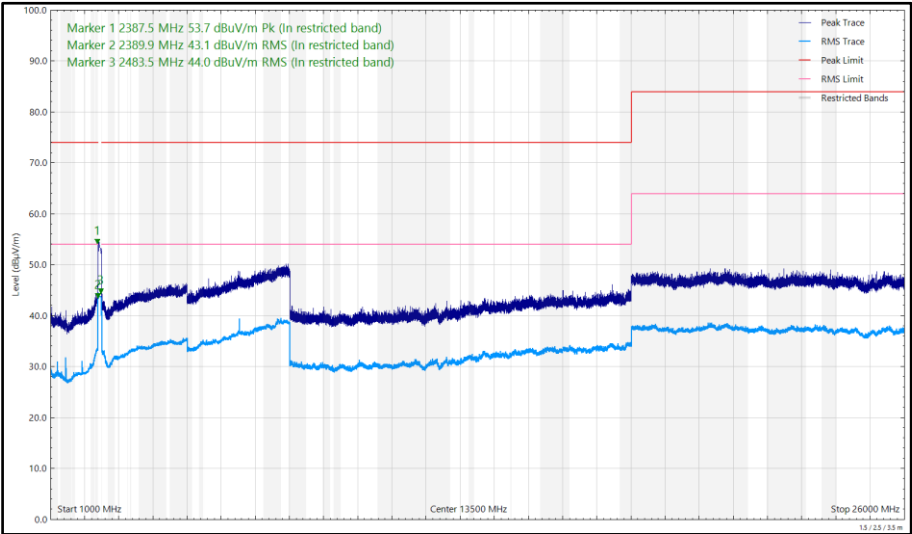


Figure 141 - 2442 MHz (CH7), 802.11b, Core 0, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.846	20.02	40.00	-19.98	Q-Peak	270	382	Horizontal
74.154	19.30	40.00	-20.70	Q-Peak	239	110	Vertical
115.383	25.02	43.50	-18.48	Q-Peak	199	393	Horizontal
121.540	20.11	43.50	-23.39	Q-Peak	351	391	Vertical
127.402	23.06	43.50	-20.44	Q-Peak	350	340	Horizontal
131.042	19.26	43.50	-24.24	Q-Peak	168	100	Vertical
2389.941	42.26	54.00	-11.74	RMS	15	310	Vertical
2389.969	35.43	54.00	-18.57	RMS	36	398	Horizontal
2483.520	37.52	54.00	-16.48	RMS	47	400	Horizontal
2483.531	44.28	54.00	-9.72	RMS	17	326	Vertical

Table 133 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

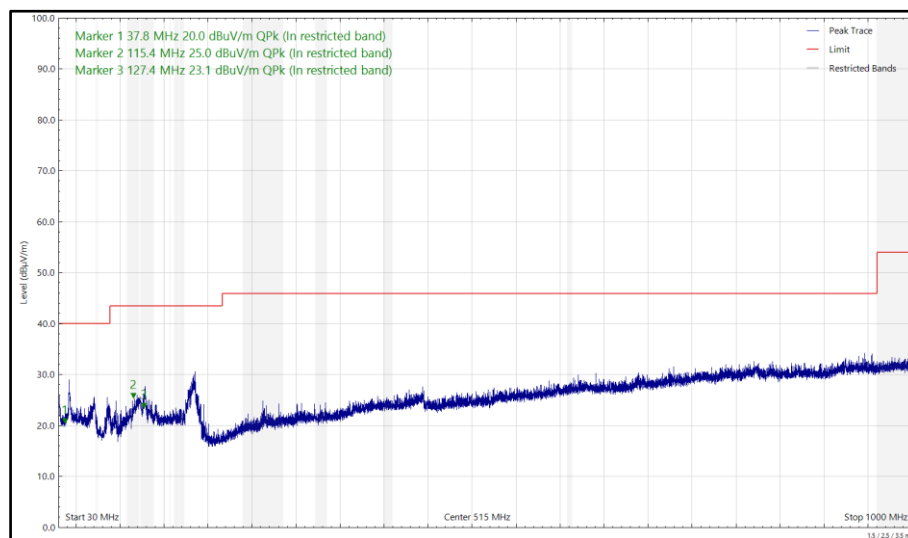


Figure 142 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

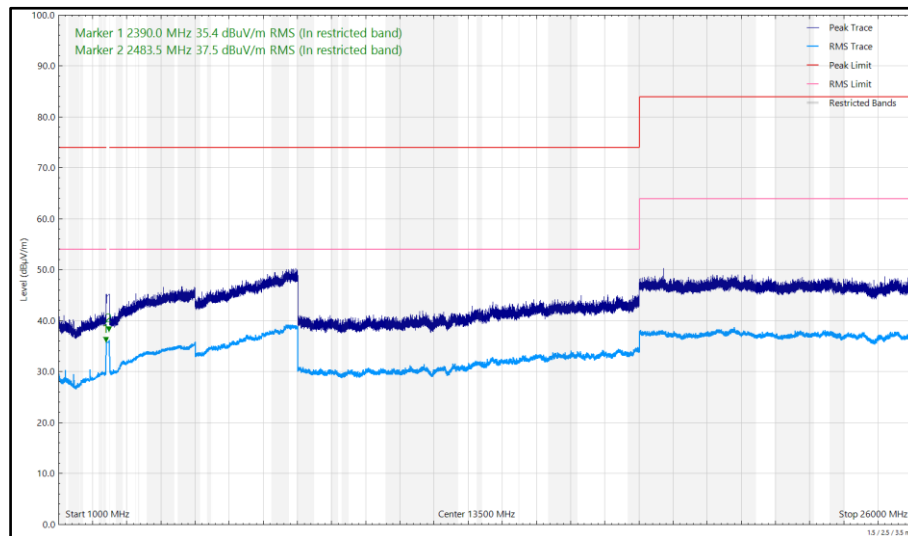


Figure 143 - 2442 MHz (CH7), 802.11b, Core 1, 1 GHz to 26 GHz, Horizontal

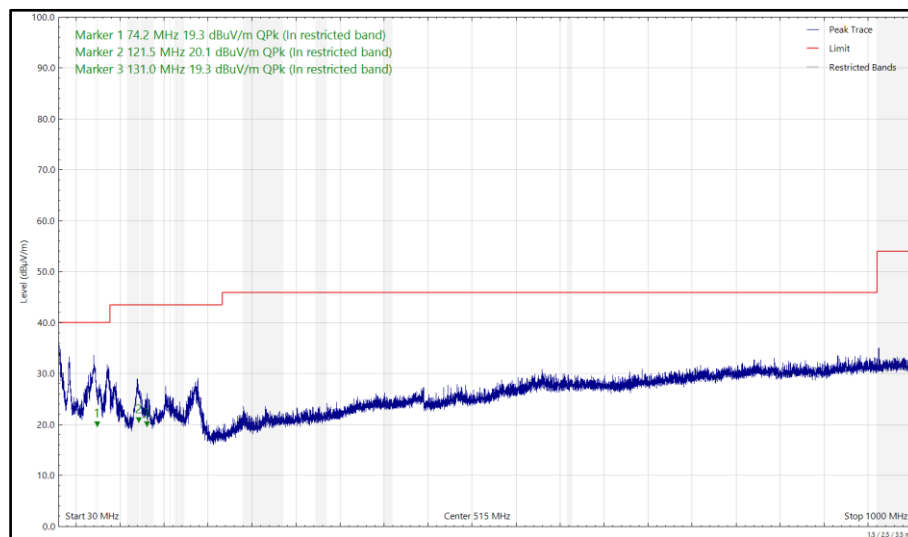


Figure 144 - 2442 MHz (CH7), 802.11b, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

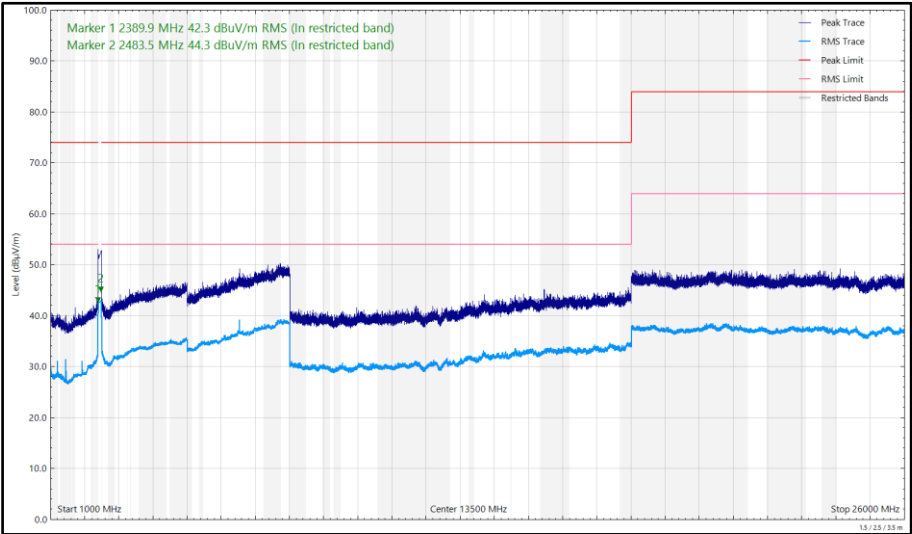


Figure 145 - 2442 MHz (CH7), 802.11b, Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
2354.670	36.27	54.00	-17.73	RMS	349	318	Vertical
2483.637	44.66	54.00	-9.34	RMS	27	314	Vertical
2483.653	38.95	54.00	-15.05	RMS	49	400	Horizontal
2486.944	54.65	74.00	-19.35	Peak	344	328	Vertical

Table 134 - 2412 MHz (CH1), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

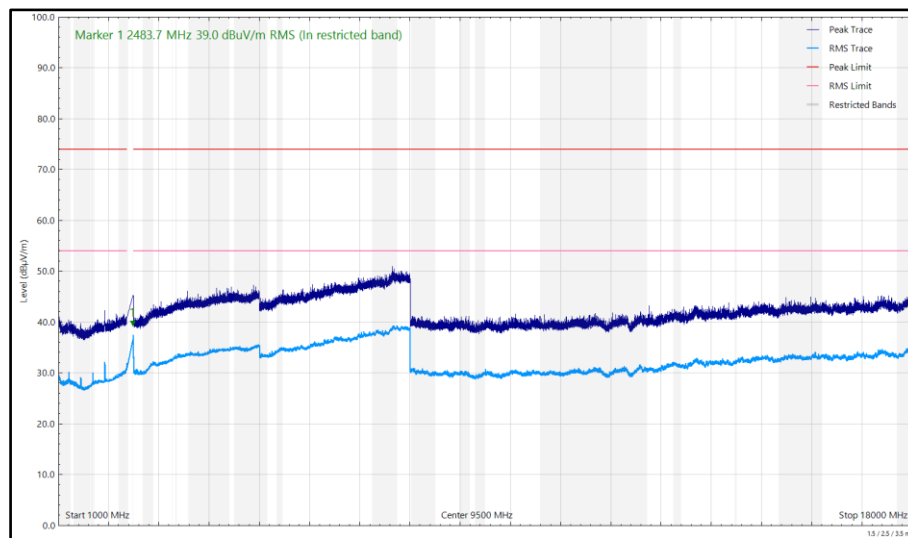


Figure 146 - 2412 MHz (CH1), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

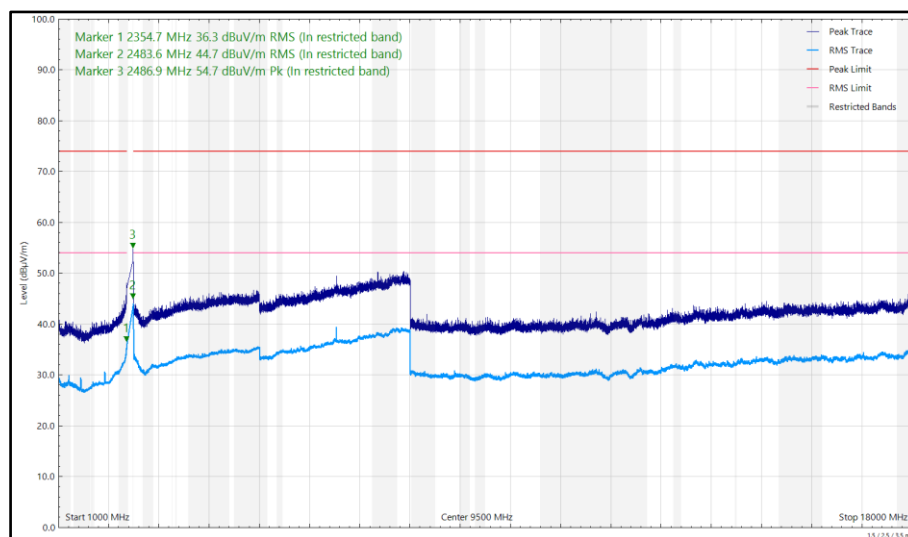


Figure 147 - 2412 MHz (CH1), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
73.347	21.69	40.00	-18.31	Q-Peak	259	101	Vertical
108.719	25.25	43.50	-18.25	Q-Peak	5	100	Vertical
110.800	19.20	43.50	-24.30	Q-Peak	10	389	Horizontal
131.675	19.40	43.50	-24.10	Q-Peak	14	340	Horizontal
135.835	21.25	43.50	-22.25	Q-Peak	75	138	Vertical
168.081	20.21	43.50	-23.29	Q-Peak	256	382	Horizontal
2387.803	58.71	74.00	-15.29	Peak	14	391	Vertical
2389.899	42.12	54.00	-11.88	RMS	54	398	Horizontal
2389.974	46.72	54.00	-7.28	RMS	352	398	Vertical
2399.962	64.31	80.00	-15.69	Peak	355	397	Vertical
2483.519	51.70	54.00	-2.30	RMS	26	362	Vertical
2483.663	65.21	74.00	-8.79	Peak	16	315	Vertical
2486.738	57.42	74.00	-16.58	Peak	52	393	Horizontal
2486.834	44.83	54.00	-9.17	RMS	46	376	Horizontal

Table 135 - 2442 MHz (CH7), HT20, CDD, Core 0 + Core 1, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

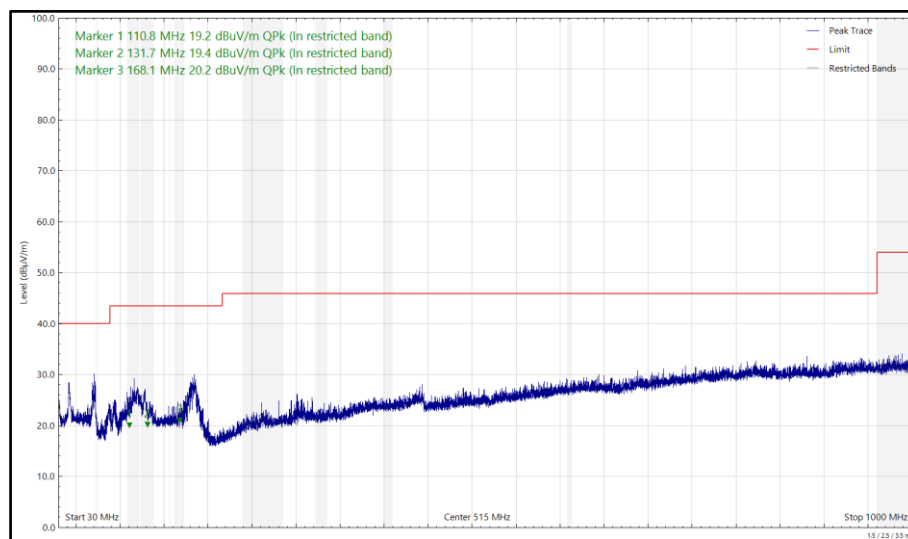


Figure 148 - 2442 MHz (CH7), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

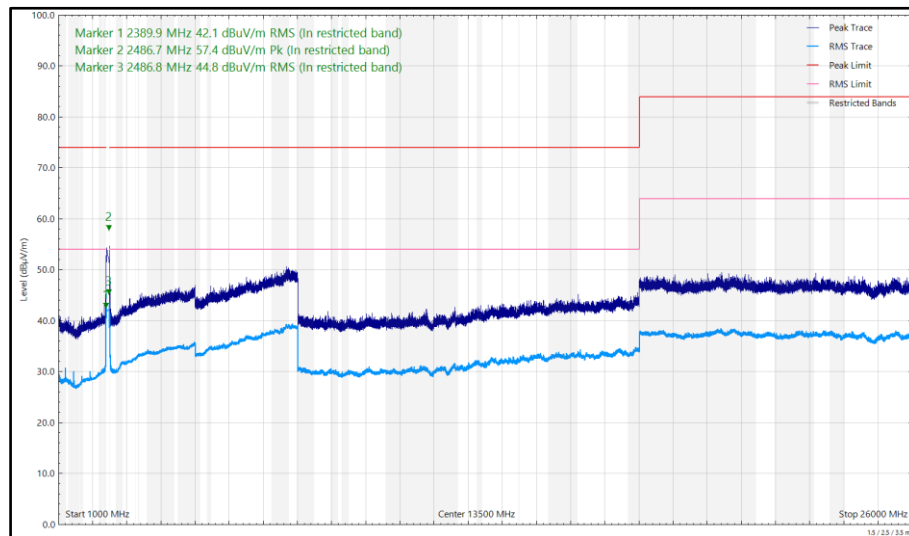


Figure 149 - 2442 MHz (CH7), HT20, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

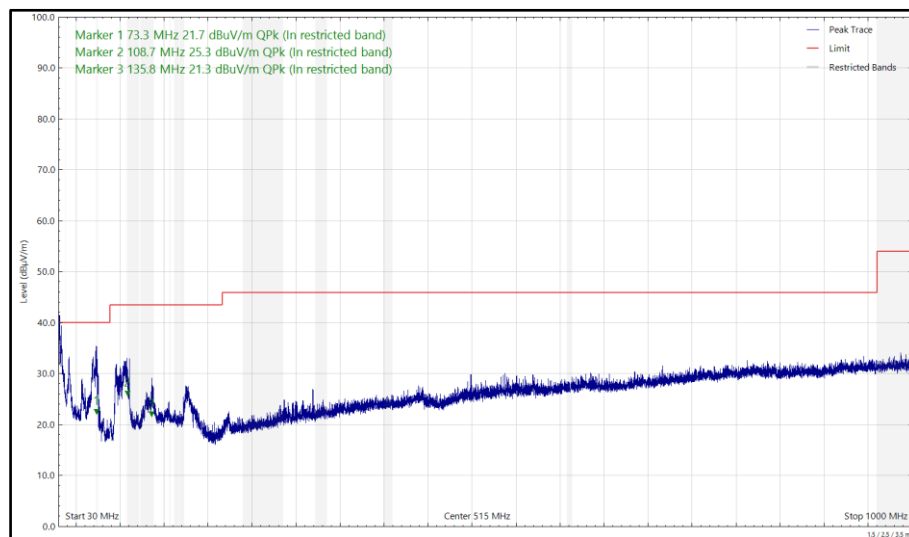


Figure 150 - 2442 MHz (CH7), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

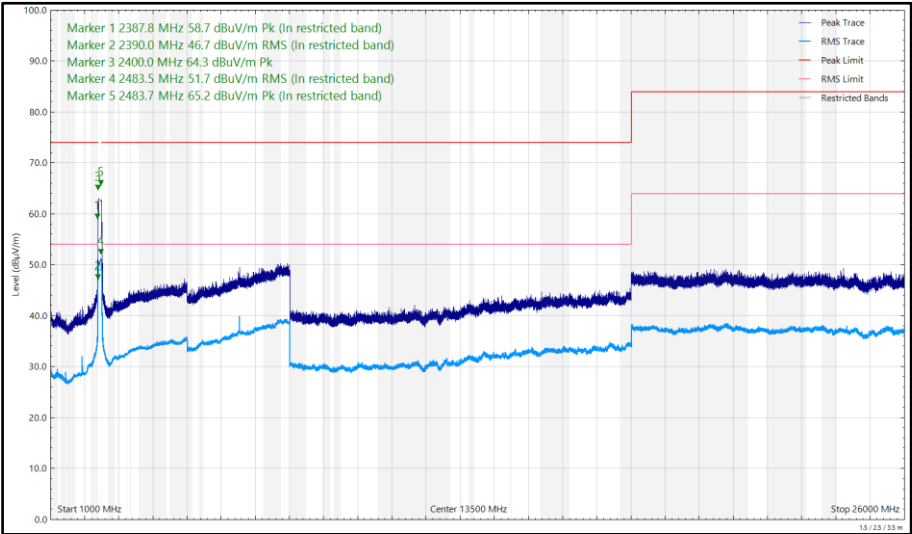


Figure 151 - 2442 MHz (CH7), HT20, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
73.091	21.31	40.00	-18.69	Q-Peak	234	146	Vertical
73.228	17.19	40.00	-22.81	Q-Peak	190	145	Horizontal
116.022	23.76	43.50	-19.74	Q-Peak	161	389	Horizontal
128.736	19.92	43.50	-23.58	Q-Peak	96	396	Horizontal
136.646	25.80	43.50	-17.70	Q-Peak	169	100	Vertical
163.279	21.52	43.50	-21.98	Q-Peak	248	102	Vertical
2388.557	60.40	74.00	-13.60	Peak	10	310	Vertical
2389.598	46.29	54.00	-7.71	RMS	7	399	Vertical
2389.704	41.61	54.00	-12.39	RMS	54	400	Horizontal
2399.454	64.83	80.00	-15.17	Peak	344	297	Vertical
2484.186	37.91	54.00	-16.09	RMS	69	369	Horizontal
2485.069	46.02	54.00	-7.98	RMS	341	375	Vertical
2485.392	64.95	74.00	-9.05	Peak	332	329	Vertical
2485.853	59.18	74.00	-14.82	Peak	54	388	Horizontal
4867.360	37.77	54.00	-16.23	RMS	47	331	Vertical

Table 136 - 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.

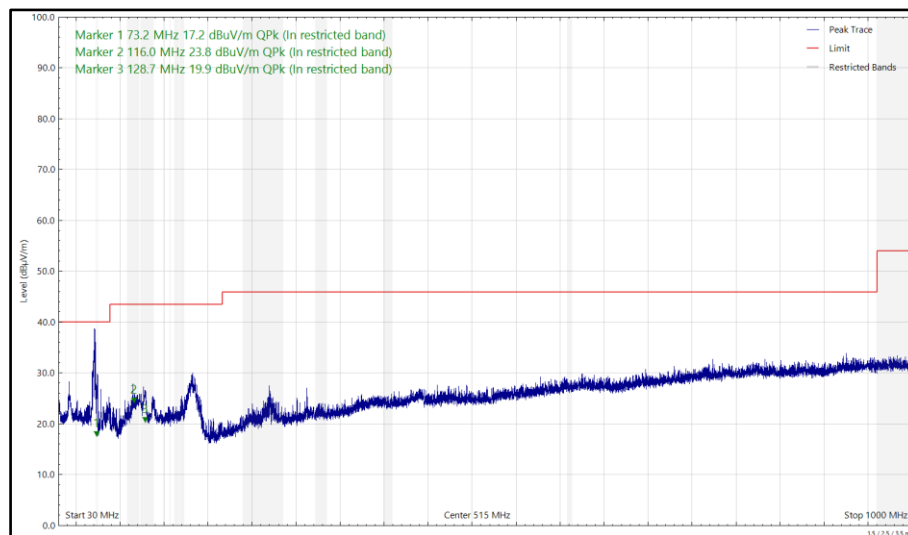


Figure 152 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

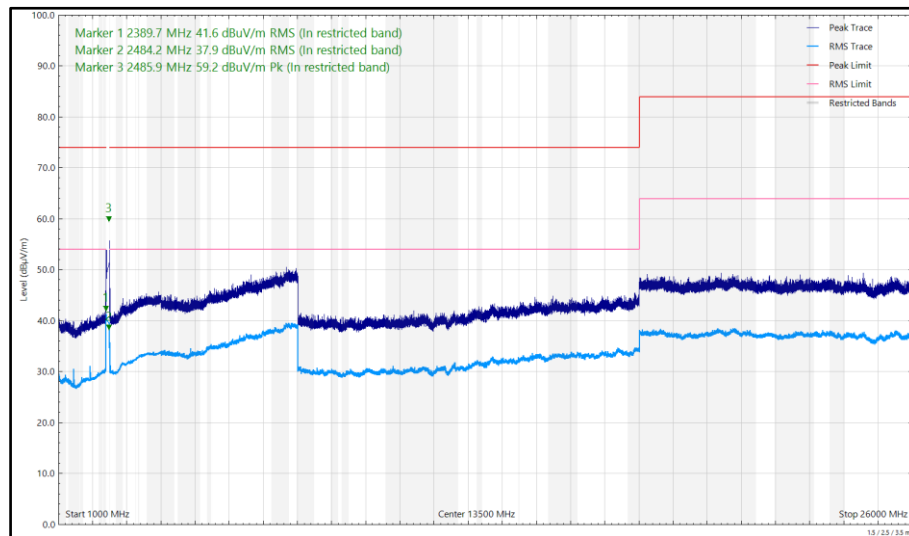


Figure 153 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

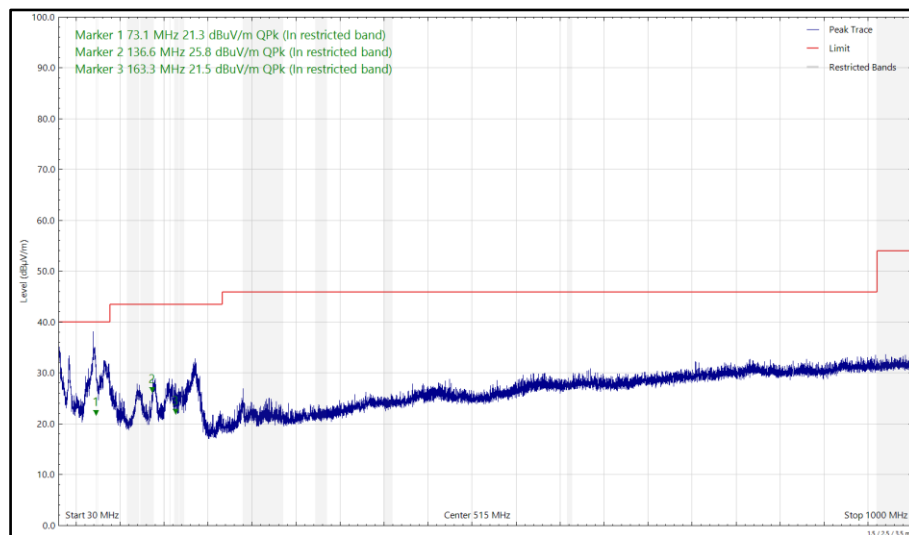


Figure 154 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

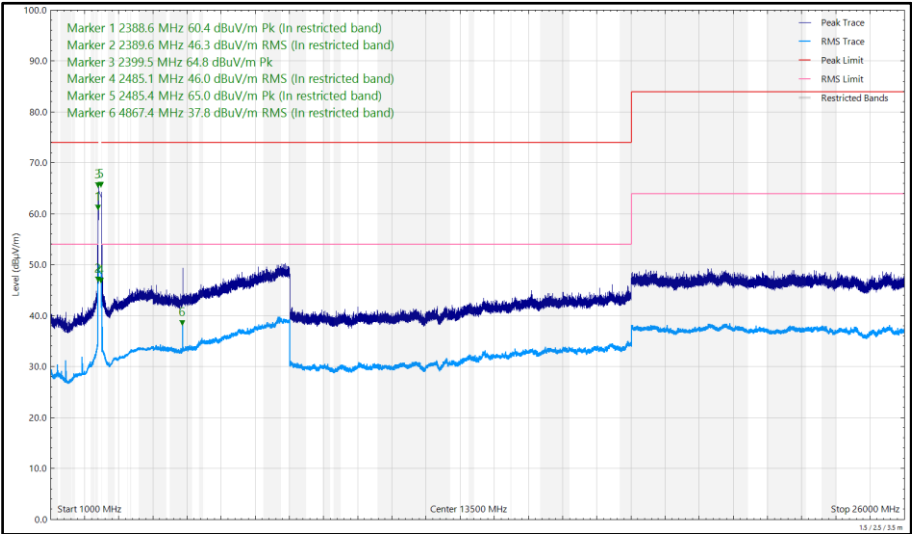


Figure 155 - 2442 MHz (CH7), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
2388.190	59.19	74.00	-14.81	Peak	28	400	Vertical
2389.899	45.19	54.00	-8.81	RMS	334	348	Vertical
2389.955	41.78	54.00	-12.22	RMS	53	400	Horizontal
2397.949	66.11	80.00	-13.89	Peak	16	299	Vertical
2483.575	41.03	54.00	-12.97	RMS	50	399	Horizontal
2483.582	63.29	74.00	-10.71	Peak	30	275	Vertical
2483.629	45.72	54.00	-8.28	RMS	32	384	Vertical
4877.799	34.48	54.00	-19.52	RMS	53	309	Vertical

Table 137 - 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.

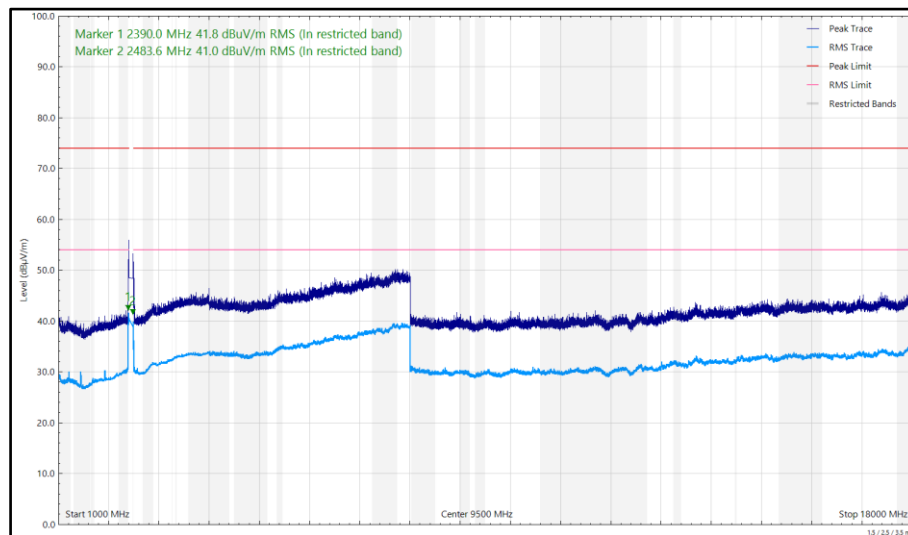


Figure 156 - 2442 MHz (CH7), EHT20, RU52+26-70, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

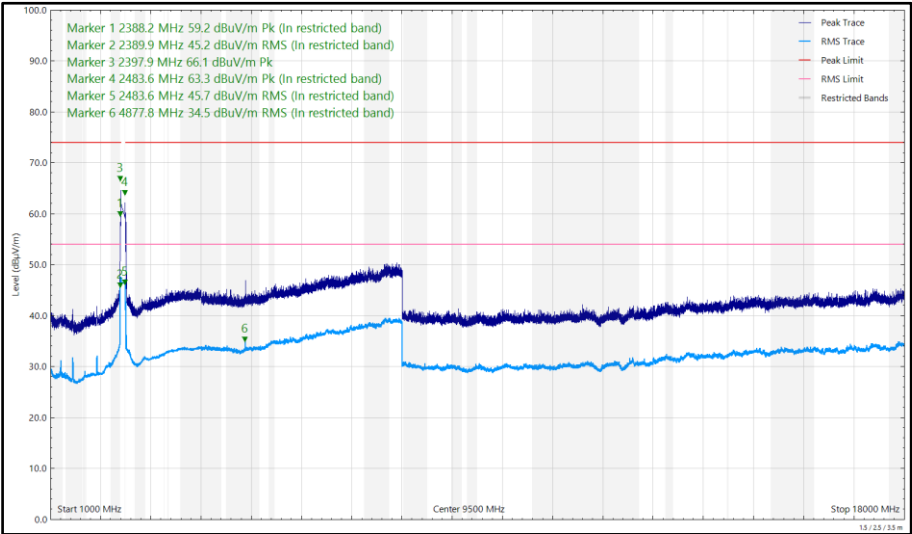


Figure 157 - 2442 MHz (CH7), EHT20, RU52+26-70, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
2389.357	57.74	74.00	-16.26	Peak	350	361	Vertical
2389.667	41.71	54.00	-12.29	RMS	48	393	Horizontal
2389.966	46.03	54.00	-7.97	RMS	350	305	Vertical
2399.758	67.41	80.00	-12.59	Peak	355	315	Vertical
2483.546	46.31	54.00	-7.69	RMS	6	376	Vertical
2483.632	41.54	54.00	-12.46	RMS	47	377	Horizontal
2483.690	62.64	74.00	-11.36	Peak	32	289	Vertical

Table 138 - 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.

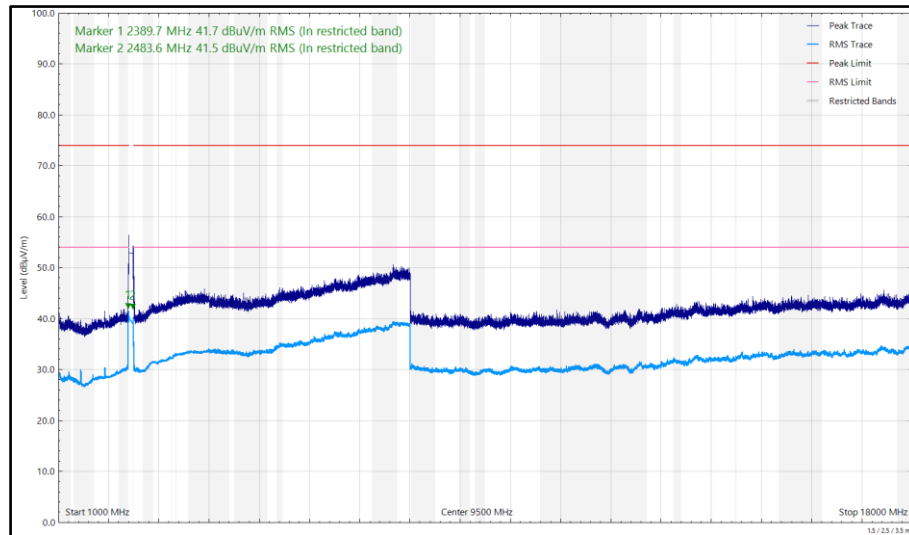


Figure 158 - 2442 MHz (CH7), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

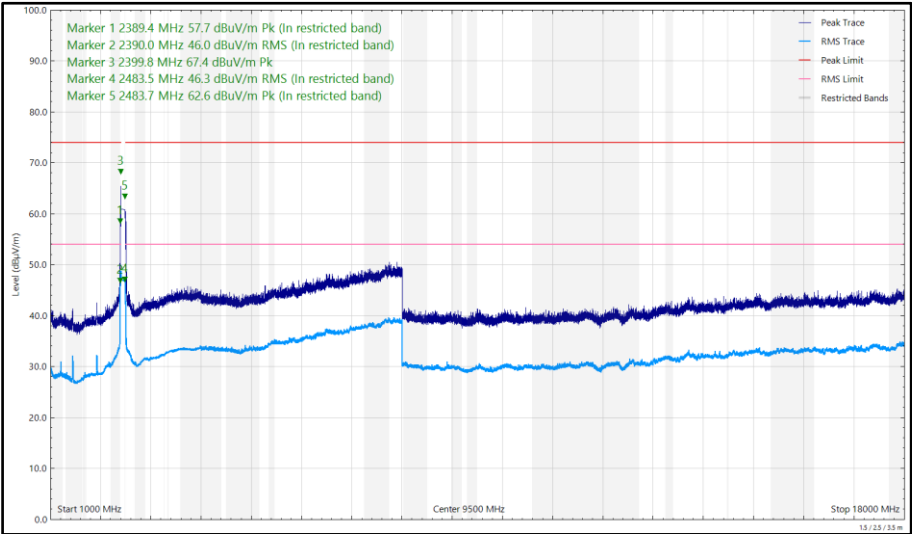


Figure 159 - 2442 MHz (CH7), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
2388.829	47.95	54.00	-6.05	RMS	17	303	Vertical
2389.205	59.35	74.00	-14.65	Peak	354	398	Vertical
2389.987	41.53	54.00	-12.47	RMS	55	395	Horizontal
2399.822	64.94	80.00	-15.06	Peak	349	358	Vertical
2483.568	55.21	74.00	-18.79	Peak	60	395	Horizontal
2483.921	51.34	54.00	-2.66	RMS	0	330	Vertical
2483.970	65.61	74.00	-8.39	Peak	5	354	Vertical
2486.625	44.96	54.00	-9.04	RMS	47	400	Horizontal

Table 139 - 2442 MHz (CH7), 802.11g, CDD, Core 0 + Core 1, 1 GHz to 26 GHz

No other emissions found within 20 dB of the limit.

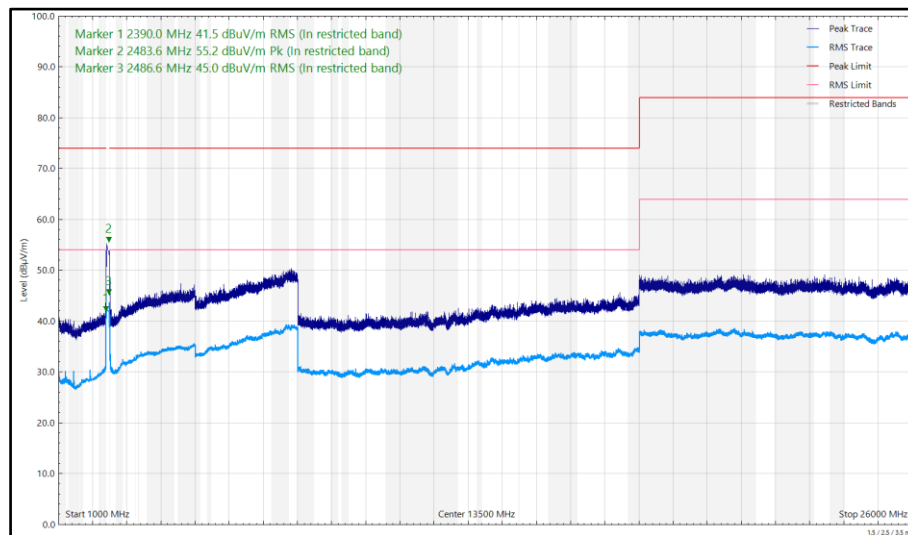


Figure 160 - 2442 MHz (CH7), 802.11g, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

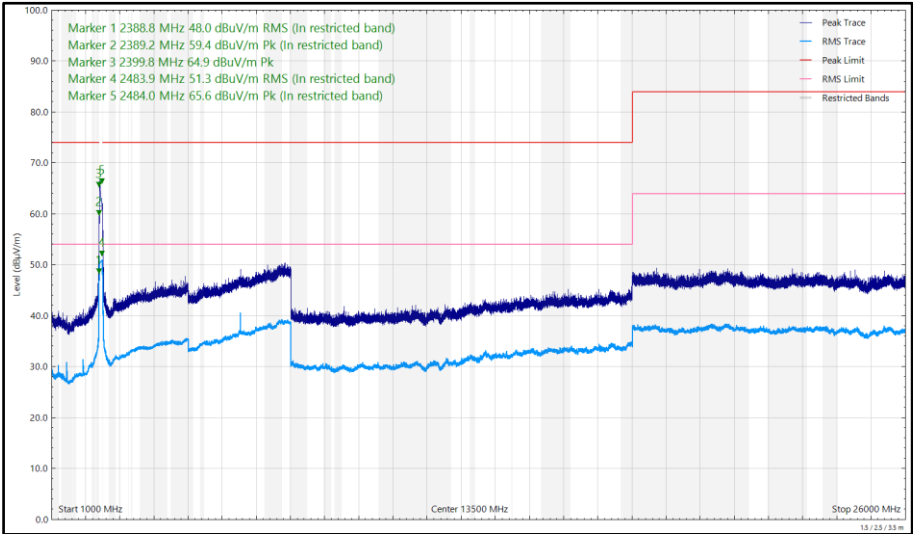


Figure 161 - 2442 MHz (CH7), 802.11g, CDD, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical



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

Table 140 - 2472 MHz (CH13), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

*No emissions found within 20 dB of the limit.

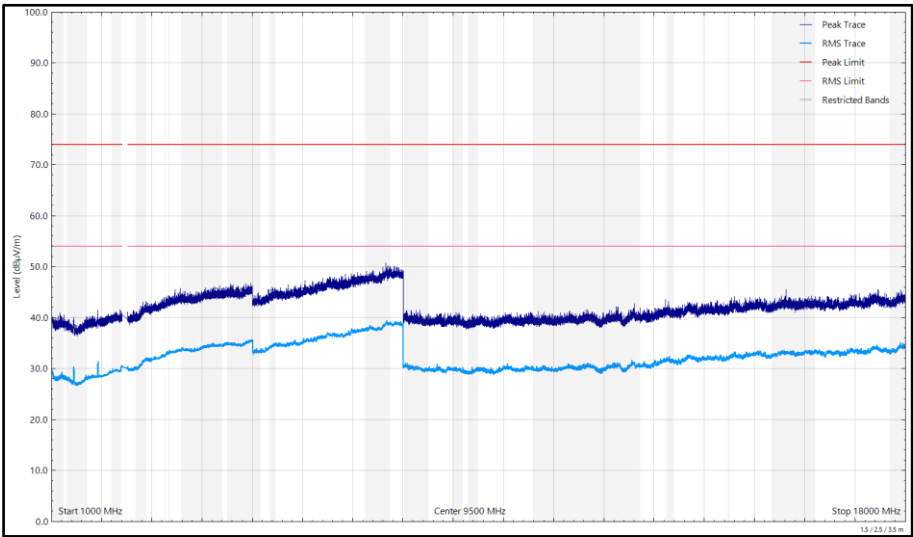


Figure 162 - 2472 MHz (CH13), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

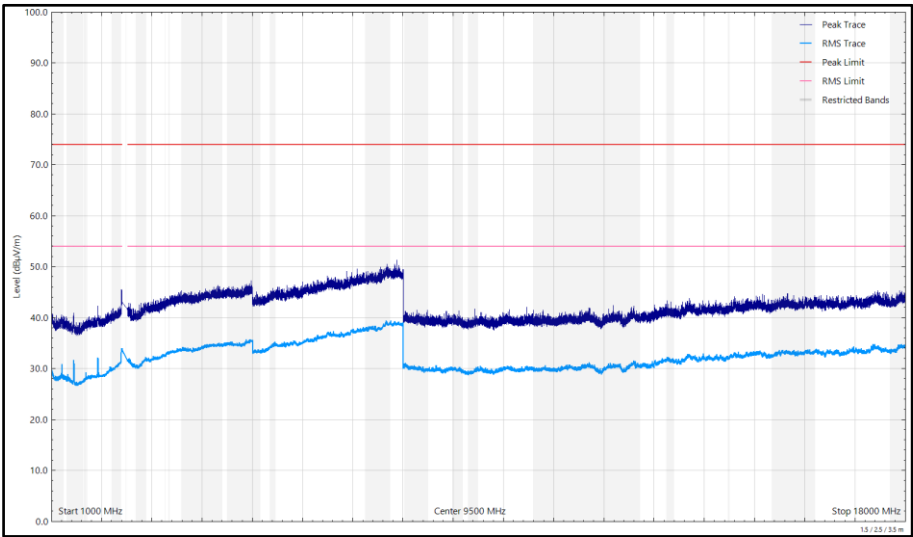


Figure 163 - 2472 MHz (CH13), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical



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 6.3.2, 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.



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

A3428, S/N: G9F4Y6NJ31 - Modification State 0
A3428, S/N: DJQ7J7L5JK - Modification State 0

2.6.3 Date of Test

17-December-2025 to 27-January-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	5.80	2.20	7.20	4.36	7.20

Table 141 - Peak Antenna Gains (PSD)

2.6.5 Environmental Conditions

Ambient Temperature 23.8 - 25.3 °C
Relative Humidity 36.8 - 43.2 %



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):	5.80
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	1.58	-	-	-	1.58	8.00	-6.42
2442	100.0	1.81	-	-	-	1.81	8.00	-6.19
2472	100.0	-3.05	-	-	-	-3.05	8.00	-11.05

Table 142 - 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):	5.80
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	-1.93	-	-	-	-1.93	8.00	-9.93
2442	100.0	1.78	-	-	-	1.78	8.00	-6.22
2472	100.0	-10.81	-	-	-	-10.81	8.00	-18.81

Table 143 - 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):	5.80
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	-3.17	-	-	-	-3.17	8.00	-11.17
2442	100.0	1.59	-	-	-	1.59	8.00	-6.42
2472	100.0	-11.59	-	-	-	-11.59	8.00	-19.59

Table 144 - 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):	5.80
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	-4.40	-	-	-	-4.40	8.00	-12.40
2432	100.0	1.36	-	-	-	1.36	8.00	-6.64
2442	100.0	0.25	-	-	-	0.25	8.00	-7.75
2472	100.0	-16.11	-	-	-	-16.11	8.00	-24.11

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:	802.11ax HE20 RU26	Duty Cycle (%):	98.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.80
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	1.09	-	-	-	1.09	8.00	-6.91
2442 (RU26.0)	100.0	1.04	-	-	-	1.04	8.00	-6.96
2472 (RU26.8)	100.0	-17.32	-	-	-	-17.32	8.00	-25.32

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:	802.11ax HE20 RU52	Duty Cycle (%):	98.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.80
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	1.73	-	-	-	1.73	8.00	-6.28
2442 (RU52.37)	100.0	1.43	-	-	-	1.43	8.00	-6.58
2472 (RU52.40)	100.0	-16.82	-	-	-	-16.82	8.00	-24.82

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 RU106	Duty Cycle (%):	98.9
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	5.80
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	0.34	-	-	-	0.34	8.00	-7.66
2442 (RU106.53)	100.0	1.86	-	-	-	1.86	8.00	-6.14
2472 (RU106.54)	100.0	-17.49	-	-	-	-17.49	8.00	-25.49

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:	802.11be 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):	5.80
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	1.39	-	-	-	1.39	8.00	-6.62
2442 (RU Size 52 + RU Size 26.70)	100.0	0.93	-	-	-	0.93	8.00	-7.07
2472 (RU Size 52 + RU Size 26.72)	100.0	-17.99	-	-	-	-17.99	8.00	-25.99

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:	802.11be 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):	5.80
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	-0.75	-	-	-	-0.75	8.00	-8.75
2442 (RU Size 106 + RU Size 26.82)	100.0	1.29	-	-	-	1.29	8.00	-6.71
2472 (RU Size 106 + RU Size 26.83)	100.0	-18.45	-	-	-	-18.45	8.00	-26.45

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:	802.11b	Duty Cycle (%):	97.7
Data Rate:	1 Mbps	DCCF (dB):	0.10
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.20
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	-	1.94	-	-	1.94	8.00	-6.06
2442	100.0	-	1.86	-	-	1.86	8.00	-6.14
2472	100.0	-	-1.69	-	-	-1.69	8.00	-9.69

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:	802.11g	Duty Cycle (%):	99.0
Data Rate:	12 Mbps	DCCF (dB):	0.04
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.20
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	-	-1.95	-	-	-1.95	8.00	-9.95
2442	100.0	-	1.93	-	-	1.93	8.00	-6.07
2472	100.0	-	-10.96	-	-	-10.96	8.00	-18.96

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:	802.11n HT20	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2	DCCF (dB):	0.04
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.20
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	-	-3.15	-	-	-3.15	8.00	-11.15
2442	100.0	-	1.52	-	-	1.52	8.00	-6.48
2472	100.0	-	-11.53	-	-	-11.53	8.00	-19.53

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:	802.11ax HE20 SU	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.04
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.20
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	-	-4.45	-	-	-4.45	8.00	-12.45
2442	100.0	-	0.41	-	-	0.41	8.00	-7.59
2472	100.0	-	-12.95	-	-	-12.95	8.00	-20.95

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:	802.11ax HE20 RU26	Duty Cycle (%):	98.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.20
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	-	1.21	-	-	1.21	8.00	-6.79
2442 (RU26.0)	100.0	-	1.46	-	-	1.46	8.00	-6.54
2472 (RU26.8)	100.0	-	-16.91	-	-	-16.91	8.00	-24.91

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:	802.11ax HE20 RU52	Duty Cycle (%):	98.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.20
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	-	1.57	-	-	1.57	8.00	-6.44
2442 (RU52.37)	100.0	-	0.94	-	-	0.94	8.00	-7.07
2472 (RU52.40)	100.0	-	-16.59	-	-	-16.59	8.00	-24.59

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 RU106	Duty Cycle (%):	98.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	2.20
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	-	0.37	-	-	0.37	8.00	-7.64
2442 (RU106.53)	100.0	-	1.58	-	-	1.58	8.00	-6.42
2472 (RU106.54)	100.0	-	-17.62	-	-	-17.62	8.00	-25.62

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:	802.11be 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):	2.20
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	-	1.66	-	-	1.66	8.00	-6.34
2442 (RU Size 52 + RU Size 26.70)	100.0	-	1.12	-	-	1.12	8.00	-6.88
2472 (RU Size 52 + RU Size 26.72)	100.0	-	-17.27	-	-	-17.27	8.00	-25.27

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:	802.11be 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):	2.20
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	-	-0.55	-	-	-0.55	8.00	-8.55
2442 (RU Size 106 + RU Size 26.82)	100.0	-	0.85	-	-	0.85	8.00	-7.15
2472 (RU Size 106 + RU Size 26.83)	100.0	-	-18.35	-	-	-18.35	8.00	-26.35

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):	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):	7.20
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	-4.62	-4.84	-	-	-1.72	6.80	-8.52
2427	51.0	0.39	0.06	-	-	3.24	6.80	-3.56
2442	100.0	1.45	1.48	-	-	4.48	6.80	-2.33
2472	100.0	-13.15	-13.16	-	-	-10.14	6.80	-16.94

Table 160 - FCC 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	-4.62	-4.84	-	-	-1.72	8.00	-9.72
2427	51.0	0.39	0.06	-	-	3.24	8.00	-4.76
2442	100.0	1.45	1.48	-	-	4.48	8.00	-3.52
2472	100.0	-13.15	-13.16	-	-	-10.14	8.00	-18.14

Table 161 - 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):	7.20
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	-4.48	-4.60	-	-	-1.53	6.80	-8.33
2432	51.0	0.13	-0.33	-	-	2.91	6.80	-3.89
2442	100.0	0.61	0.41	-	-	3.52	6.80	-3.28
2472	100.0	-13.98	-14.05	-	-	-11.01	6.80	-17.81

Table 162 - FCC 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	-4.48	-4.60	-	-	-1.53	8.00	-9.53
2432	51.0	0.13	-0.33	-	-	2.91	8.00	-5.09
2442	100.0	0.61	0.41	-	-	3.52	8.00	-4.48
2472	100.0	-13.98	-14.05	-	-	-11.01	8.00	-19.01

Table 163 - 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 (dBi):	0.04
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.20
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	-6.26	-6.17	-	-	-3.21	6.80	-10.01
2437	100.0	1.36	0.88	-	-	4.13	6.80	-2.67
2442	100.0	-0.97	-0.85	-	-	2.11	6.80	-4.70
2472	100.0	-16.91	-17.25	-	-	-14.07	6.80	-20.87

Table 164 - FCC 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	-6.26	-6.17	-	-	-3.21	8.00	-11.21
2437	100.0	1.36	0.88	-	-	4.13	8.00	-3.87
2442	100.0	-0.97	-0.85	-	-	2.11	8.00	-5.89
2472	100.0	-16.91	-17.25	-	-	-14.07	8.00	-22.07

Table 165 - 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):	7.20
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	0.99	0.76	-	-	3.89	6.80	-2.92
2442 (RU26.0)	100.0	1.59	0.66	-	-	4.16	6.80	-2.64
2472 (RU26.8)	100.0	-20.34	-20.32	-	-	-17.32	6.80	-24.12

Table 166 - FCC 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	0.99	0.76	-	-	3.89	8.00	-4.11
2442 (RU26.0)	100.0	1.59	0.66	-	-	4.16	8.00	-3.84
2472 (RU26.8)	100.0	-20.34	-20.32	-	-	-17.32	8.00	-25.32

Table 167 - 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):	7.20
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	1.76	1.18	-	-	4.49	6.80	-2.31
2442 (RU52.37)	100.0	1.50	1.10	-	-	4.32	6.80	-2.49
2472 (RU52.40)	100.0	-20.72	-20.46	-	-	-17.58	6.80	-24.38

Table 168 - FCC 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	1.76	1.18	-	-	4.49	8.00	-3.51
2442 (RU52.37)	100.0	1.50	1.10	-	-	4.32	8.00	-3.68
2472 (RU52.40)	100.0	-20.72	-20.46	-	-	-17.58	8.00	-25.58

Table 169 - 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 (%):	98.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	MIMO CDD	Peak Antenna Gain (dBi):	7.20
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	-0.47	-0.38	-	-	2.59	6.80	-4.22
2442 (RU106.53)	100.0	1.55	1.18	-	-	4.38	6.80	-2.43
2472 (RU106.54)	100.0	-20.56	-20.76	-	-	-17.64	6.80	-24.45

Table 170 - FCC 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	-0.47	-0.38	-	-	2.59	8.00	-5.41
2442 (RU106.53)	100.0	1.55	1.18	-	-	4.38	8.00	-3.62
2472 (RU106.54)	100.0	-20.56	-20.76	-	-	-17.64	8.00	-25.64

Table 171 - 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):	7.20
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	0.12	-0.31	-	-	2.92	6.80	-3.89
2442 (RU Size 52 + RU Size 26.70)	100.0	1.26	0.68	-	-	3.99	6.80	-2.81
2472 (RU Size 52 + RU Size 26.72)	100.0	-21.89	-21.84	-	-	-18.85	6.80	-25.66

Table 172 - FCC 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	0.12	-0.31	-	-	2.92	8.00	-5.08
2442 (RU Size 52 + RU Size 26.70)	100.0	1.26	0.68	-	-	3.99	8.00	-4.01
2472 (RU Size 52 + RU Size 26.72)	100.0	-21.89	-21.84	-	-	-18.85	8.00	-26.85

Table 173 - 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):	7.20
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	-1.18	-1.37	-	-	1.74	6.80	-5.07
2442 (RU Size 106 + RU Size 26.82)	100.0	1.39	1.12	-	-	4.27	6.80	-2.54
2472 (RU Size 106 + RU Size 26.83)	100.0	-66.94	-66.63	-	-	-63.77	6.80	-70.58

Table 174 - FCC 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	-1.18	-1.37	-	-	1.74	8.00	-6.26
2442 (RU Size 106 + RU Size 26.82)	100.0	1.39	1.12	-	-	4.27	8.00	-3.73
2472 (RU Size 106 + RU Size 26.83)	100.0	-66.94	-66.63	-	-	-63.77	8.00	-71.77

Table 175 - 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):	4.36
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	-4.44	-4.63	-	-	-1.53	8.00	-9.53
2437	51.0	-0.24	-0.59	-	-	2.60	8.00	-5.40
2442	100.0	-0.19	-0.12	-	-	2.85	8.00	-5.15
2472	100.0	-14.21	-14.36	-	-	-11.27	8.00	-19.27

Table 176 - 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):	4.36
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	-6.01	-5.95	-	-	-2.97	8.00	-10.97
2437	100.0	1.50	0.92	-	-	4.23	8.00	-3.77
2442	100.0	-1.31	-1.31	-	-	1.70	8.00	-6.30
2472	100.0	-17.00	-17.22	-	-	-14.10	8.00	-22.10

Table 177 - 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 (%):	98.9
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.05
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.36
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	1.06	0.65	-	-	3.87	8.00	-4.13
2442 (RU26.0)	100.0	1.31	0.77	-	-	4.06	8.00	-3.94
2472 (RU26.8)	100.0	-19.38	-19.32	-	-	-16.34	8.00	-24.34

Table 178 - 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:	MCS2x2	DCCF (dB):	0.05
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.36
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	1.74	1.49	-	-	4.63	8.00	-3.37
2442 (RU52.37)	51.0	-1.25	-1.89	-	-	1.45	8.00	-6.55
2472 (RU52.40)	100.0	-19.92	-19.73	-	-	-16.81	8.00	-24.81

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 RU106	Duty Cycle (%):	98.8
Modulation Coding Scheme:	MCS2x2	DCCF (dB):	0.05
Antenna Configuration:	MIMO SDM	Peak Antenna Gain (dBi):	4.36
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	-0.34	-0.55	-	-	2.56	8.00	-5.44
2442 (RU106.53)	100.0	1.51	1.32	-	-	4.43	8.00	-3.57
2472 (RU106.54)	100.0	-19.53	-19.60	-	-	-16.55	8.00	-24.55

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:	802.11be 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):	4.36
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	0.17	-0.08	-	-	3.06	8.00	-4.94
2442 (RU Size 52 + RU Size 26.70)	100.0	1.37	0.69	-	-	4.05	8.00	-3.95
2472 (RU Size 52 + RU Size 26.72)	100.0	-21.93	-21.96	-	-	-18.93	8.00	-26.93

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:	802.11be 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):	4.36
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	-1.59	-1.57	-	-	1.43	8.00	-6.57
2442 (RU Size 106 + RU Size 26.82)	100.0	1.28	1.24	-	-	4.27	8.00	-3.73
2472 (RU Size 106 + RU Size 26.83)	100.0	-20.55	-20.79	-	-	-17.66	8.00	-25.66

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:	802.11ac VHT20	Duty Cycle (%):	99.0
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.20
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	-6.02	-6.01	-	-	-3.01	6.80	-9.81
2437	100.0	0.99	0.72	-	-	3.86	6.80	-2.94
2442	100.0	-0.21	-0.15	-	-	2.83	6.80	-3.97
2472	100.0	-14.10	-14.29	-	-	-11.18	6.80	-17.99

Table 183 - FCC 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	-6.02	-6.01	-	-	-3.01	8.00	-11.01
2437	100.0	0.99	0.72	-	-	3.86	8.00	-4.14
2442	100.0	-0.21	-0.15	-	-	2.83	8.00	-5.17
2472	100.0	-14.10	-14.29	-	-	-11.18	8.00	-19.18

Table 184 - 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 (%):	98.8
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	0.05
Antenna Configuration:	TxBF	Peak Antenna Gain (dBi):	7.20
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	-6.75	-6.57	-	-	-3.65	6.80	-10.45
2437	100.0	-0.44	-0.45	-	-	2.57	6.80	-4.24
2442	100.0	-0.76	-0.91	-	-	2.17	6.80	-4.63
2472	100.0	-17.07	-17.05	-	-	-14.05	6.80	-20.85

Table 185 - FCC 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	-6.75	-6.57	-	-	-3.65	8.00	-11.65
2437	100.0	-0.44	-0.45	-	-	2.57	8.00	-5.43
2442	100.0	-0.76	-0.91	-	-	2.17	8.00	-5.83
2472	100.0	-17.07	-17.05	-	-	-14.05	8.00	-22.05

Table 186 - 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 RF Laboratory 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Humidity & Temperature meter	R.S Components	1364	6148	12	28-Aug-2026
MXA Signal Analyzer	Keysight Technologies	N9020B	6416	24	07-May-2027
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6518	12	23-Feb-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6529	12	13-Mar-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6530	12	23-Feb-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6531	12	23-Feb-2026
USB Wideband Power Sensor	Boonton	RTP5008	6587	12	23-Feb-2026
USB Wideband Power Sensor	Boonton	RTP5008	6588	12	23-Feb-2026
USB Wideband Power Sensor	Boonton	RTP5008	6589	12	23-Feb-2026
AC Programmable Power Supply	iTech	IT7324	6662	-	O/P Mon
DC Power Module	Keysight Technologies	N6754A	6663	-	O/P Mon
Modular Power System Mainframe	Keysight Technologies	N6701C	6664	-	O/P Mon
Multimeter	Fluke	115	7115	12	13-Aug-2026

Table 187

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
Power Spectral Density	± 1.00 dB
Spurious Radiated Emissions	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Authorised Band Edges	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Maximum Conducted Output Power	Method PM: ± 0.65 dB Method SA: ± 1.05 dB
Emission Bandwidth	± 349.29 kHz
Restricted Band Edges	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB

Table 188

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.