

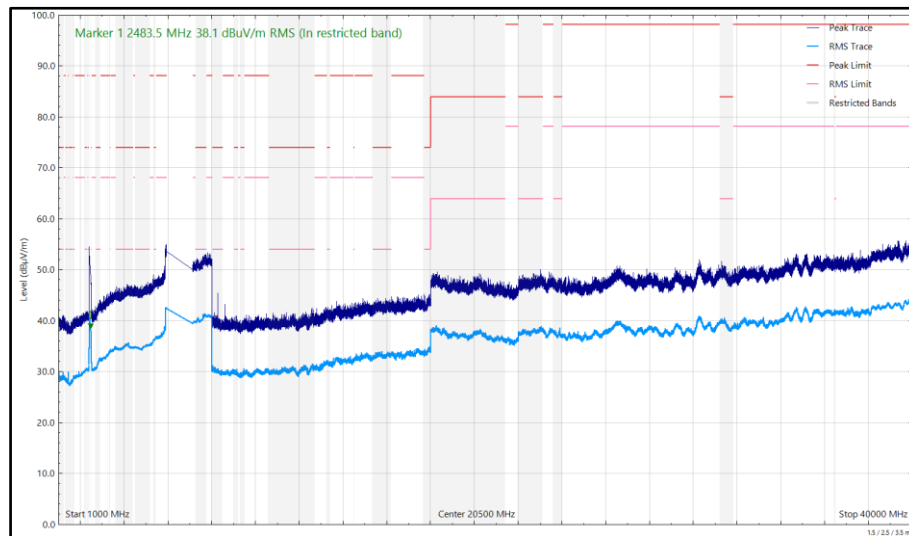


Figure 107 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

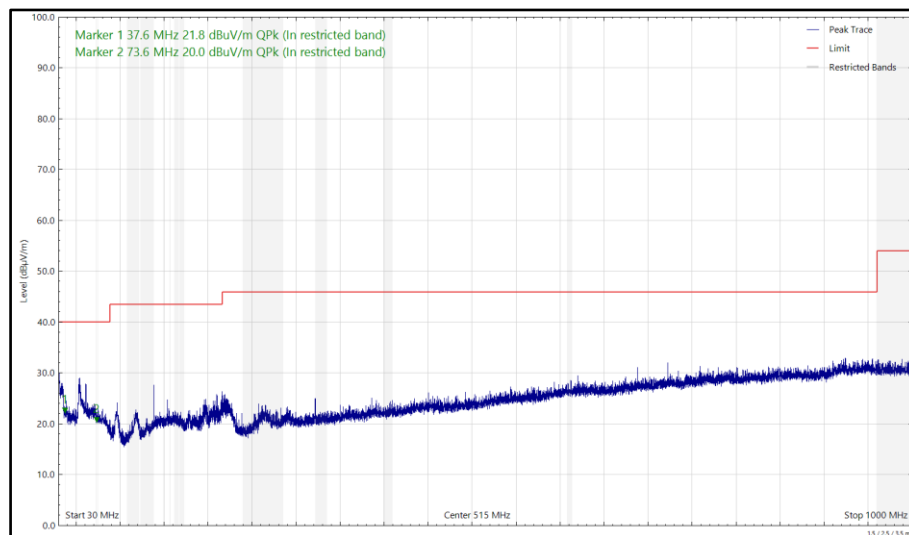


Figure 108 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

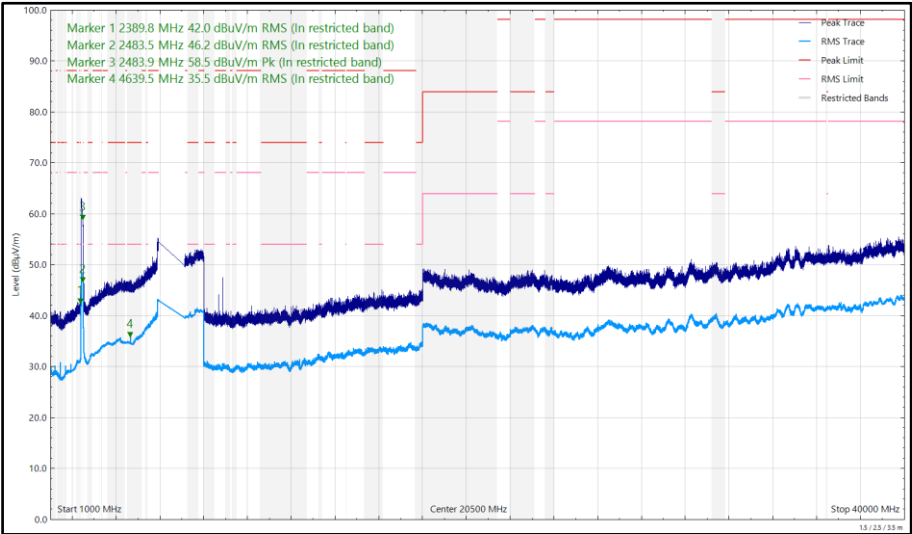


Figure 109 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, ISED RSS-247, ISED RSS-248 and ISED RSS-GEN

The least stringent limit from the applicable rule parts was used to determine compliance for Radiated Emissions testing of multiple transmission sources.

The least stringent applicable limit was:

Clause	Limit
Part 15 247 (d) / RSS-247 Clause 6.6	-20 dBc / -30 dBc
Part 15.407 (b) / RSS-248 Clause 4.6.2	Peak: -7 dBm/MHz e.i.r.p, Average: -27 dBm/MHz e.i.r.p.
Part 15.209 / RSS-GEN Clause 8.9	Peak: 74 dBµV/m at 3m, Average 54 dBµV/m at 3m (Restricted bands > 1 GHz)

Table 40

2.4 GHz WLAN and 2.4 GHz Bluetooth and 5 GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.788	21.62	40.00	-18.38	Q-Peak	43	357	Horizontal
38.155	21.62	40.00	-18.38	Q-Peak	360	124	Vertical
73.513	20.49	40.00	-19.51	Q-Peak	236	393	Vertical
74.948	19.80	40.00	-20.20	Q-Peak	0	360	Horizontal
117.269	18.85	43.50	-24.65	Q-Peak	356	258	Horizontal
250.980	20.68	46.00	-25.32	Q-Peak	312	192	Horizontal
256.403	20.00	46.00	-26.00	Q-Peak	230	326	Vertical
608.757	28.56	46.00	-17.44	Q-Peak	317	380	Vertical
611.989	28.53	46.00	-17.47	Q-Peak	360	346	Horizontal
4900.500	37.08	54.00	-16.92	CISPR Avg	8	342	Vertical

Table 41 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

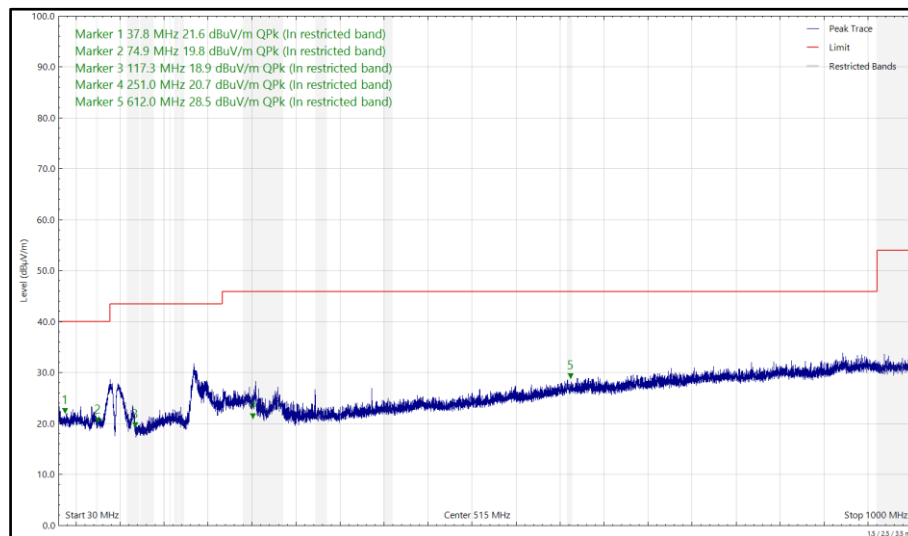


Figure 110 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

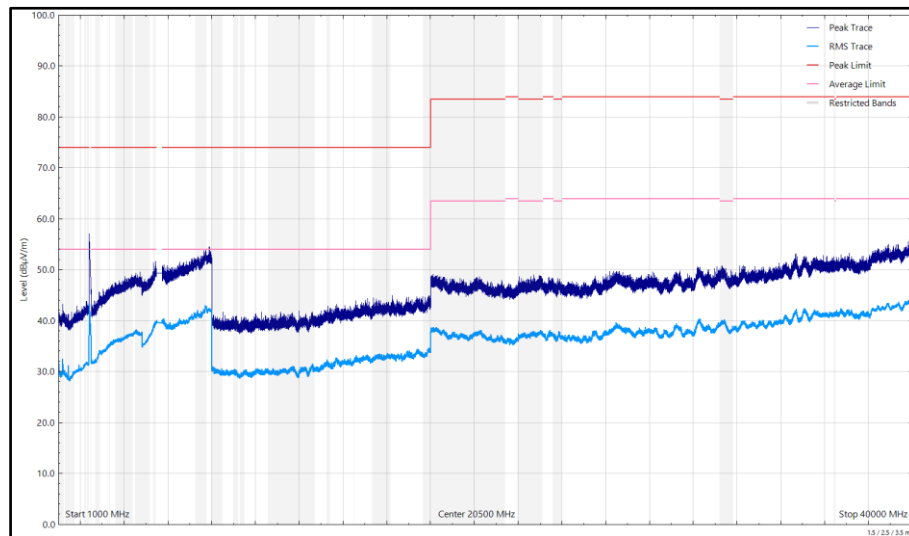


Figure 111 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

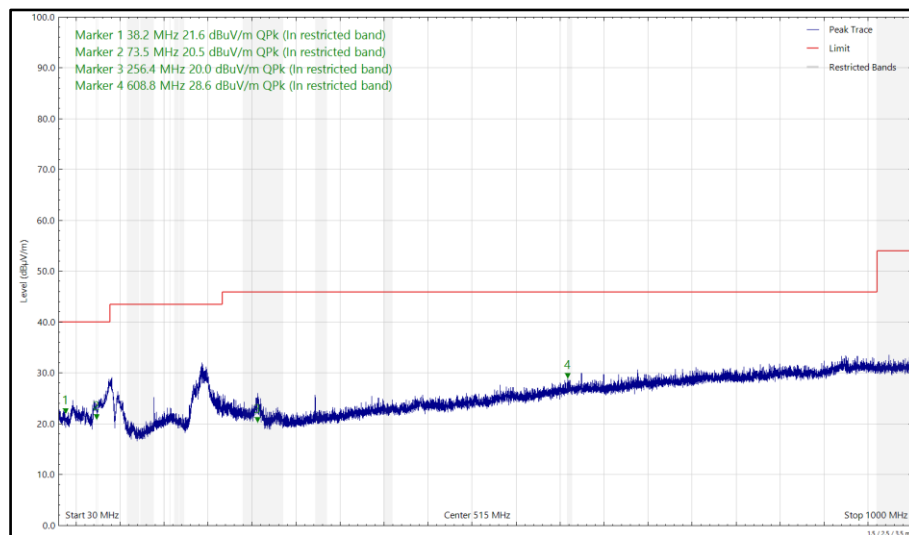


Figure 112 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

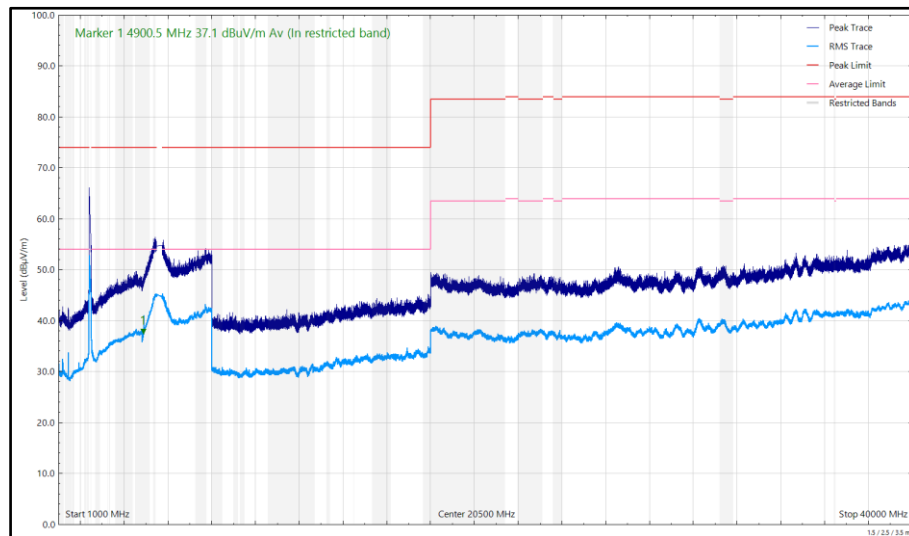


Figure 113 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
73.115	19.41	40.00	-20.59	Q-Peak	338	360	Horizontal
74.364	20.33	40.00	-19.67	Q-Peak	4	100	Vertical
114.511	21.03	43.50	-22.47	Q-Peak	336	291	Horizontal
245.343	22.02	46.00	-23.98	Q-Peak	194	123	Horizontal
256.281	19.73	46.00	-26.27	Q-Peak	139	395	Vertical
611.192	28.58	46.00	-17.42	Q-Peak	7	400	Horizontal
612.474	28.53	46.00	-17.47	Q-Peak	112	399	Vertical

Table 42 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

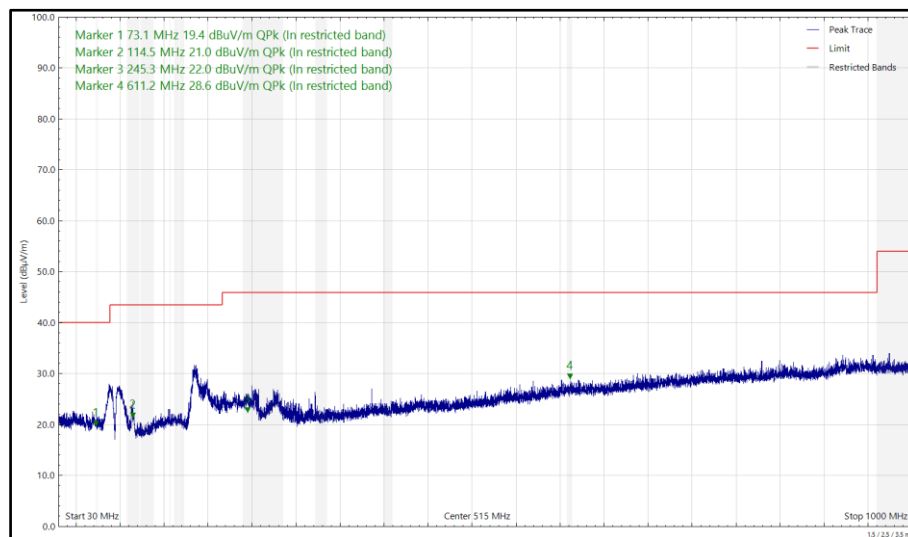


Figure 114 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

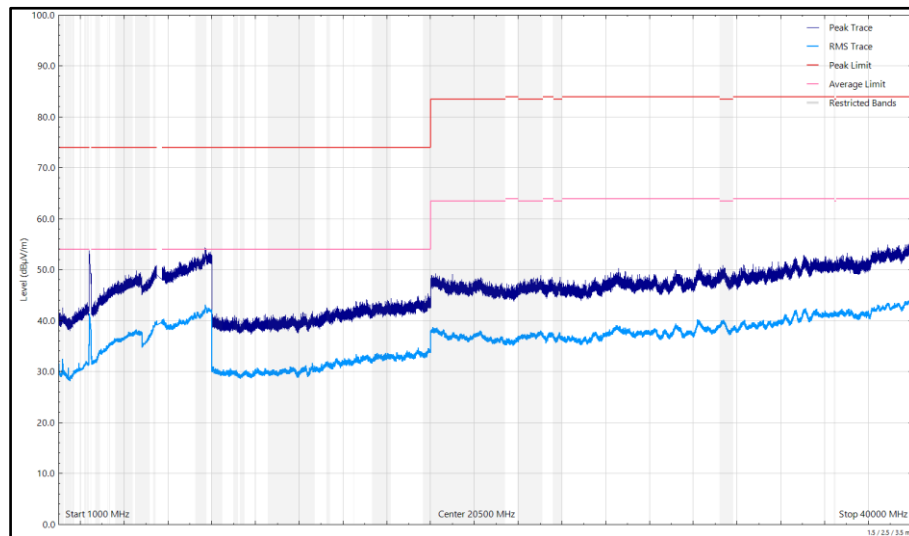


Figure 115 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

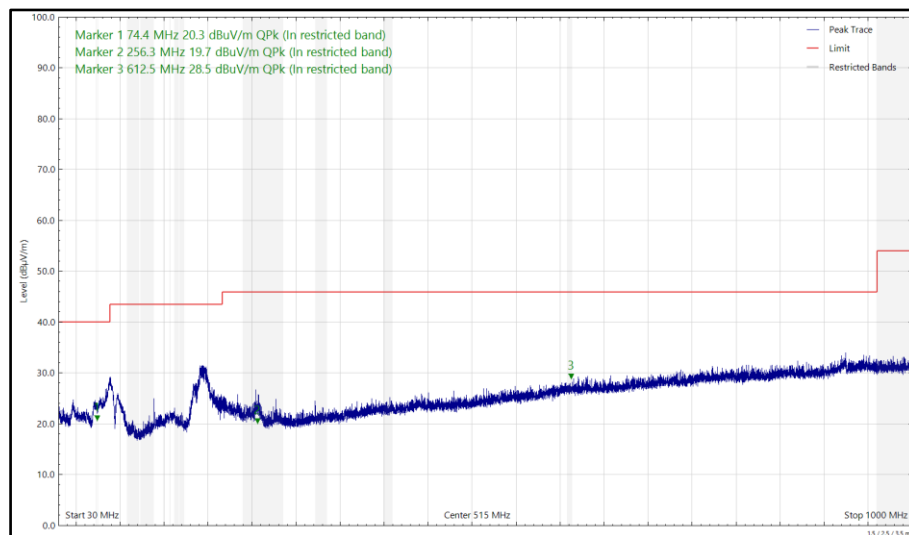


Figure 116 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

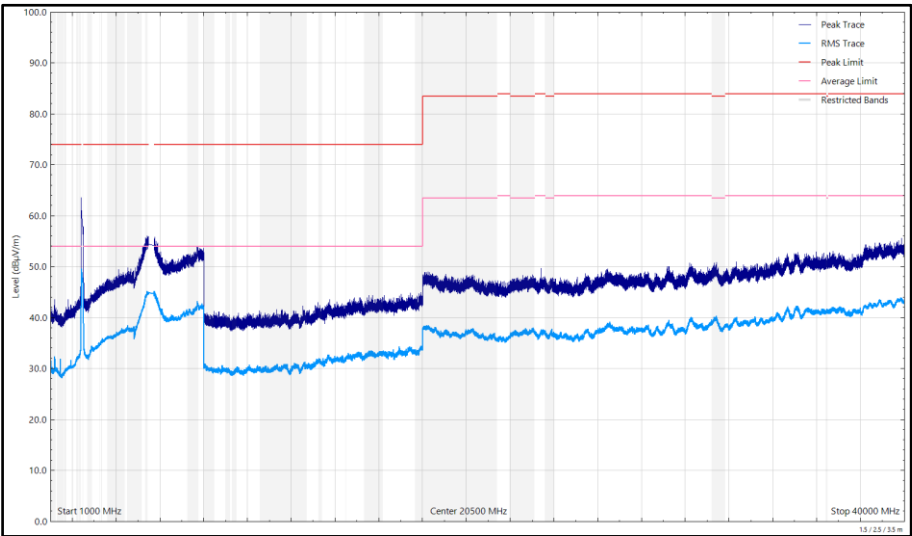


Figure 117 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, ISED RSS-247 and ISED RSS-GEN

The least stringent limit from the applicable rule parts was used to determine compliance for Radiated Emissions testing of multiple transmission sources.

The least stringent applicable limit was:

Clause	Limit
Part 15 247 (d) / RSS-247 Clause 6.6	-20 dBc / -30 dBc
Part 15.407 (b) / RSS-247 Clause 6.6, 7.3.1.3, 7.3.2.3, 7.3.3.3, 7.3.4.4	-27 dBm e.i.r.p
Part 15.209 / RSS-GEN Clause 8.9	Peak: 74 dBμV/m at 3m, Average 54 dBμV/m at 3m (Restricted bands > 1 GHz)
Part 15.407 (b) / RSS-247 Clause 7.3.2.3	-27 dBm e.i.r.p
Part 15.407 (b) / RSS-247 Clause 7.3.3.3	-27 dBm e.i.r.p
Part 15.407 (b) / RSS-247 Clause 7.3.4.4	-27 dBm e.i.r.p

Table 43

2.4 GHz WLAN and 2.4 GHz Bluetooth and 6 GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.661	21.63	40.00	-18.37	Q-Peak	31	218	Horizontal
37.665	21.70	40.00	-18.30	Q-Peak	359	123	Vertical
73.250	19.99	40.00	-20.01	Q-Peak	0	370	Horizontal
73.713	21.04	40.00	-18.96	Q-Peak	303	100	Vertical
114.291	19.72	43.50	-23.78	Q-Peak	10	390	Horizontal
253.609	23.35	46.00	-22.65	Q-Peak	214	137	Horizontal
255.807	20.21	46.00	-25.79	Q-Peak	265	351	Vertical
610.171	28.51	46.00	-17.49	Q-Peak	188	400	Horizontal
613.285	28.54	46.00	-17.46	Q-Peak	217	302	Vertical
4900.160	38.50	54.00	-15.50	CISPR Avg	339	293	Vertical

Table 44 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

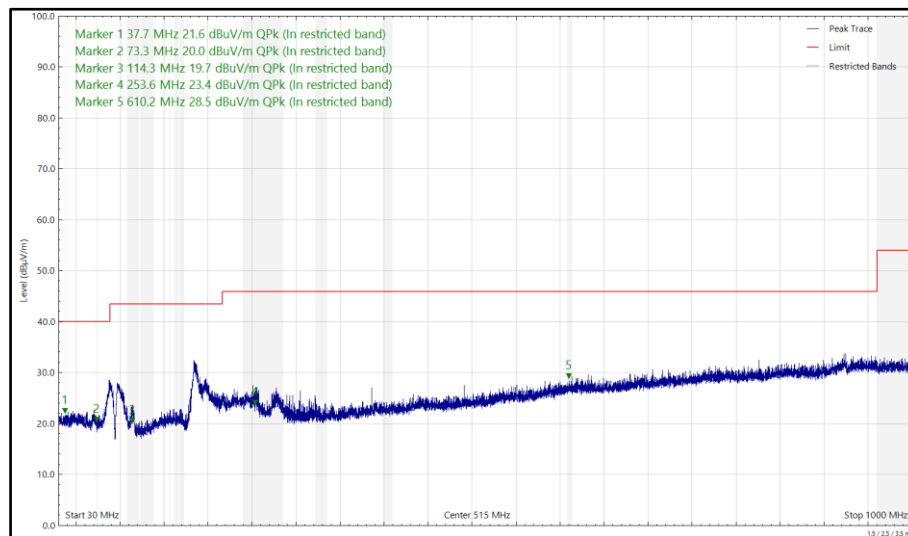


Figure 118 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

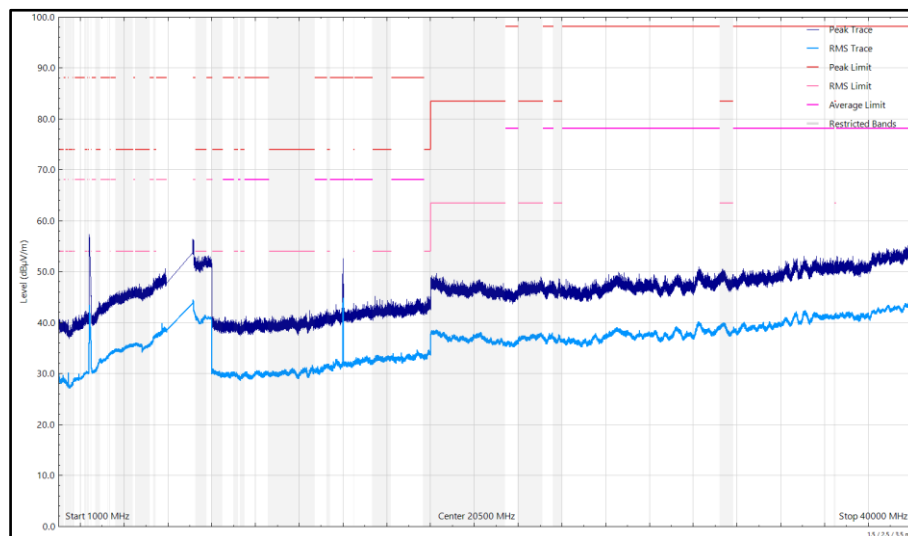


Figure 119 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

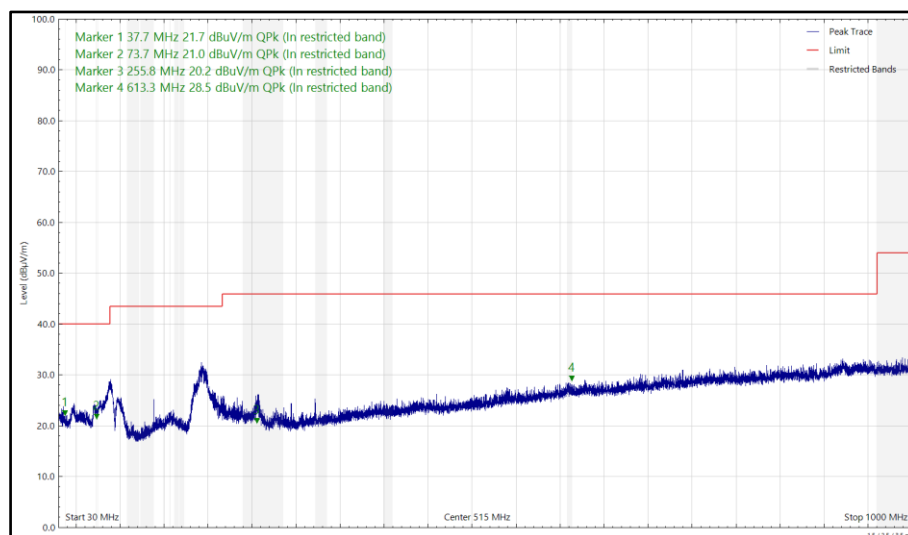


Figure 120 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

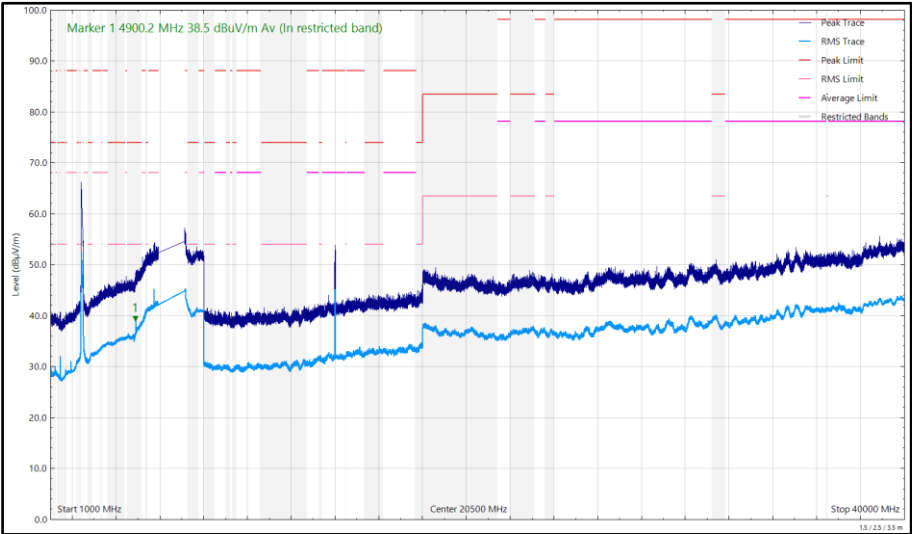


Figure 121 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.639	21.65	40.00	-18.35	Q-Peak	321	100	Vertical
37.806	21.62	40.00	-18.38	Q-Peak	62	306	Horizontal
75.167	19.12	40.00	-20.88	Q-Peak	84	110	Vertical
116.251	19.07	43.50	-24.43	Q-Peak	5	248	Horizontal
253.878	22.65	46.00	-23.35	Q-Peak	228	175	Horizontal
254.896	21.44	46.00	-24.56	Q-Peak	277	247	Vertical
612.698	28.57	46.00	-17.43	Q-Peak	0	393	Vertical
613.429	28.57	46.00	-17.43	Q-Peak	328	385	Horizontal
4899.520	34.82	54.00	-19.18	CISPR Avg	341	314	Vertical

Table 45 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

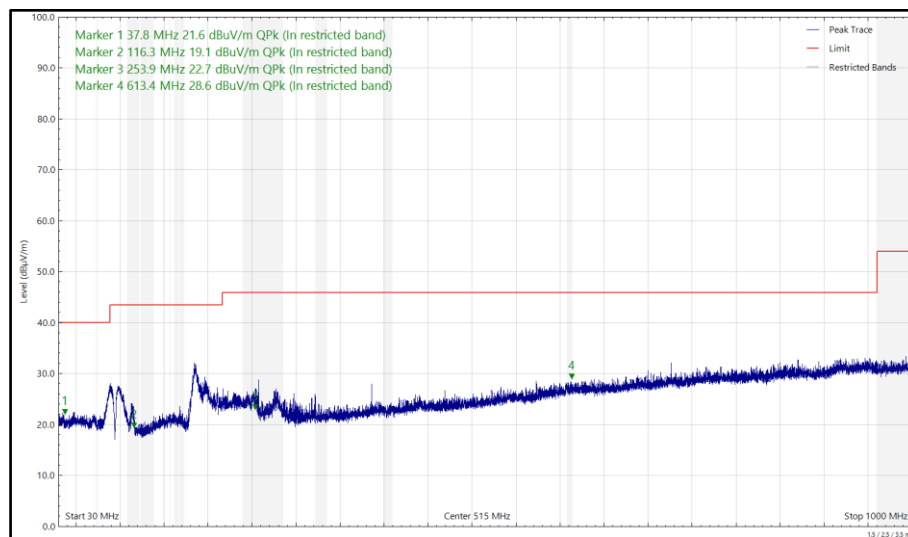


Figure 122 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

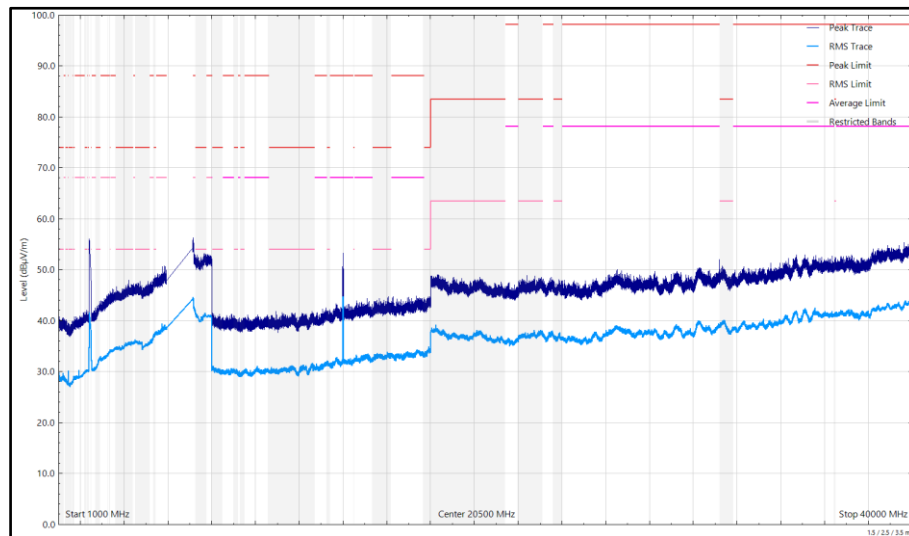


Figure 123 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

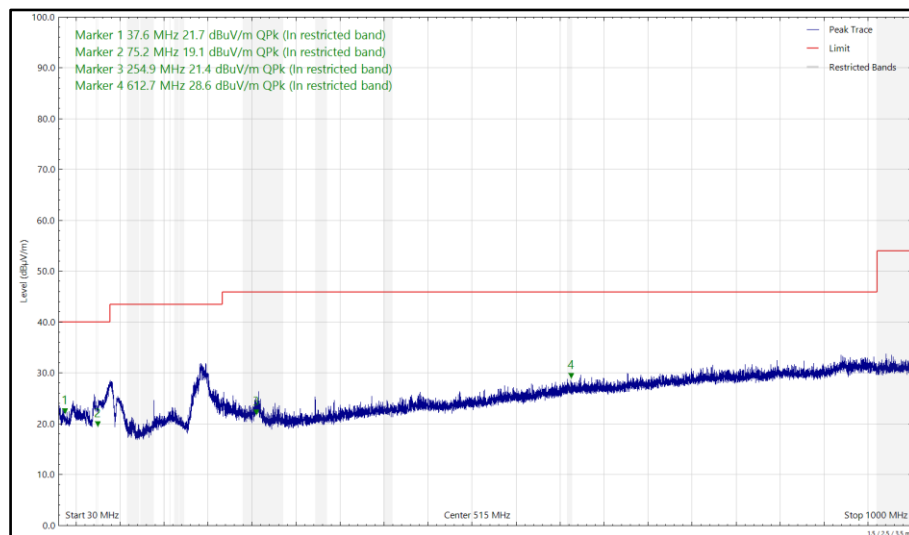


Figure 124 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

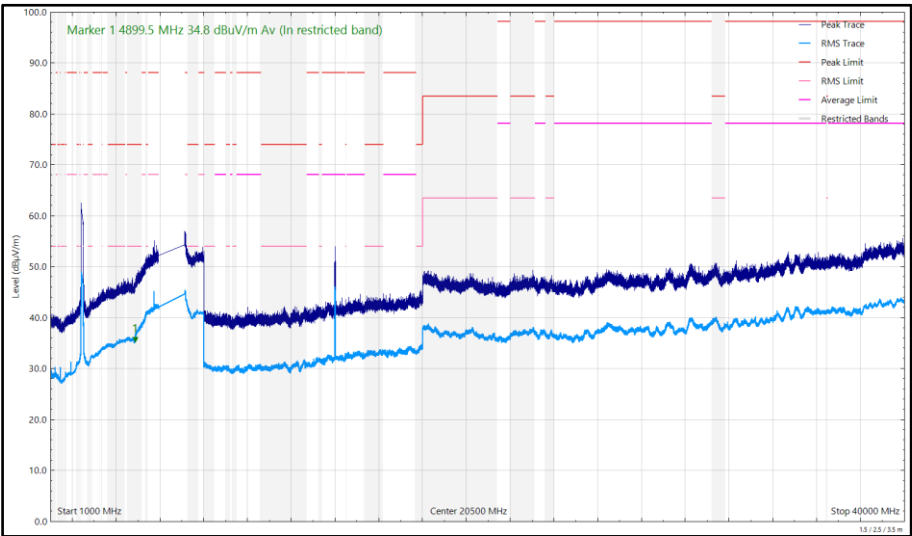


Figure 125 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, ISED RSS-247, ISED RSS-248 and ISED RSS-GEN

The least stringent limit from the applicable rule parts was used to determine compliance for Radiated Emissions testing of multiple transmission sources.

The least stringent applicable limit was:

Clause	Limit
Part 15 247 (d) / RSS-247 Clause 6.6	-20 dBc
Part 15.407 (b) / RSS-248 Clause 4.6.2	Peak: -7 dBm/MHz e.i.r.p, Average: -27 dBm/MHz e.i.r.p.
Part 15.209 / RSS-GEN Clause 8.9	Peak: 74 dBµV/m at 3m, Average 54 dBµV/m at 3m (Restricted bands > 1 GHz)

Table 46

2.4 GHz WLAN and Thread and 5 GHz WLAN

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.958	21.63	40.00	-18.37	Q-Peak	317	228	Horizontal
73.413	19.71	40.00	-20.29	Q-Peak	350	304	Vertical
73.585	19.56	40.00	-20.44	Q-Peak	331	395	Horizontal
115.194	19.98	43.50	-23.52	Q-Peak	359	308	Horizontal
254.354	22.90	46.00	-23.10	Q-Peak	198	133	Horizontal
257.922	21.81	46.00	-24.19	Q-Peak	305	163	Vertical
610.271	28.48	46.00	-17.52	Q-Peak	173	112	Vertical
4782.829	37.85	54.00	-16.15	RMS	10	293	Vertical

Table 47 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

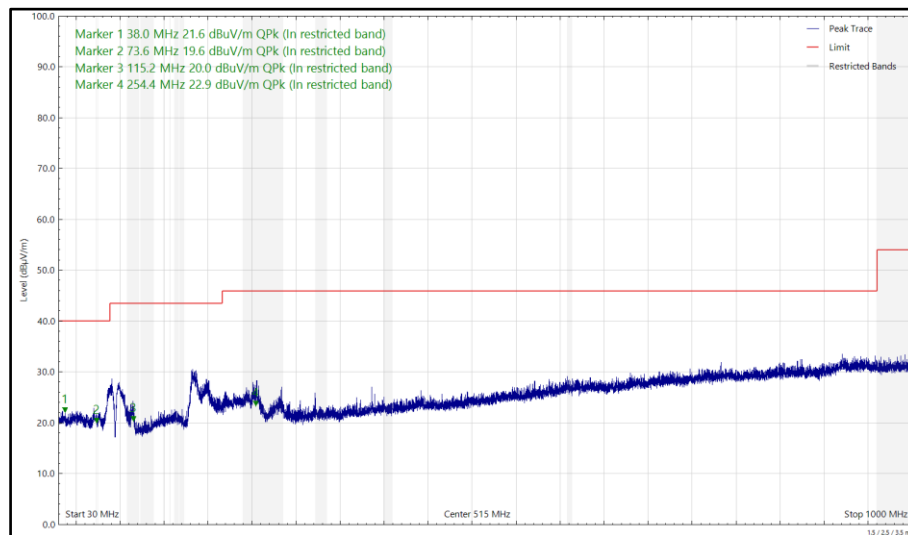


Figure 126 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

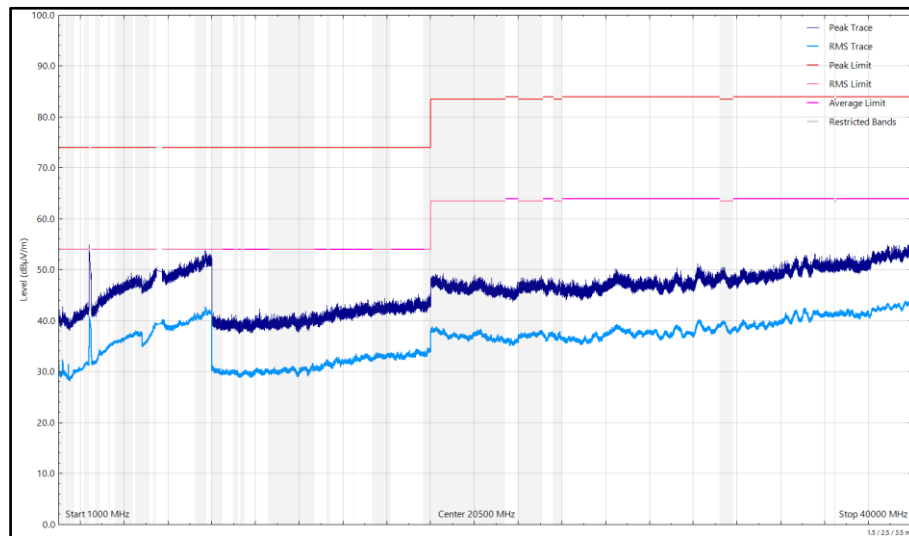


Figure 127 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

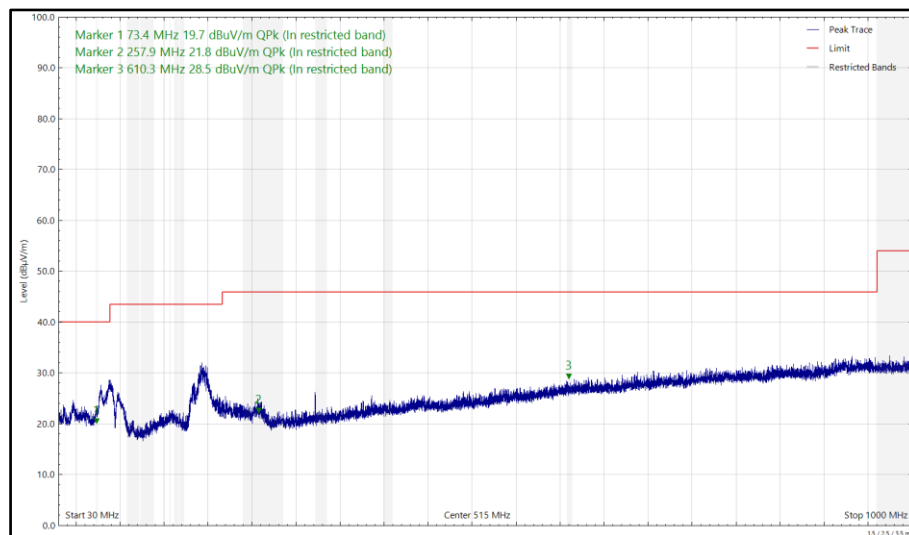


Figure 128 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

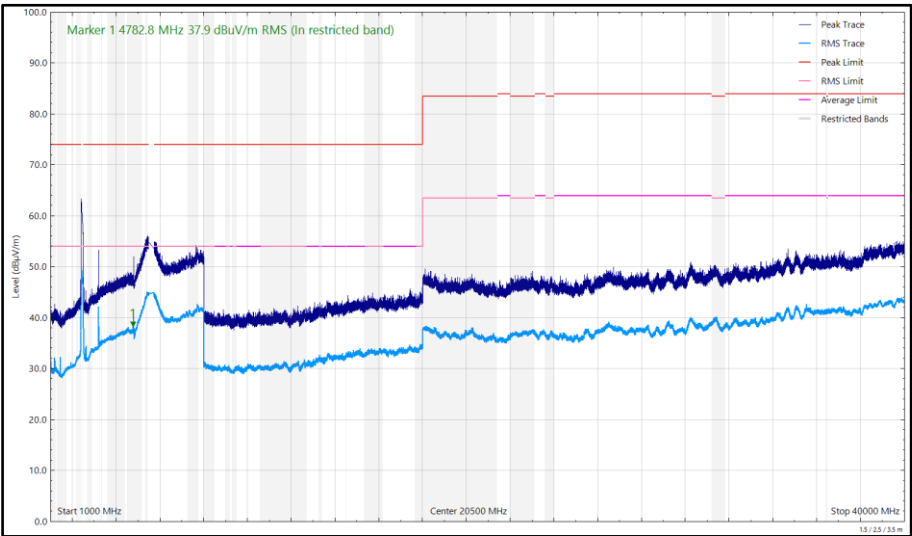


Figure 129 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.503	21.57	40.00	-18.43	Q-Peak	311	270	Horizontal
37.858	21.70	40.00	-18.30	Q-Peak	266	274	Vertical
73.462	19.40	40.00	-20.60	Q-Peak	352	392	Horizontal
74.152	21.34	40.00	-18.66	Q-Peak	273	101	Vertical
116.100	19.84	43.50	-23.66	Q-Peak	347	260	Horizontal
251.125	23.34	46.00	-22.66	Q-Peak	216	165	Horizontal
255.418	22.09	46.00	-23.91	Q-Peak	291	155	Vertical
4760.443	37.07	54.00	-16.93	RMS	1	378	Vertical
4783.144	37.62	54.00	-16.38	RMS	355	297	Vertical
4909.162	40.89	54.00	-13.11	RMS	11	318	Vertical

Table 48 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

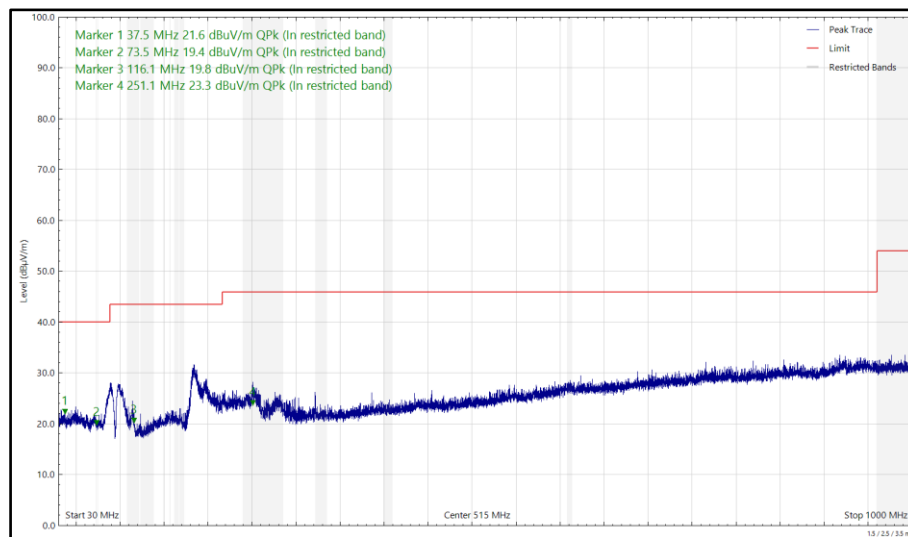


Figure 130 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

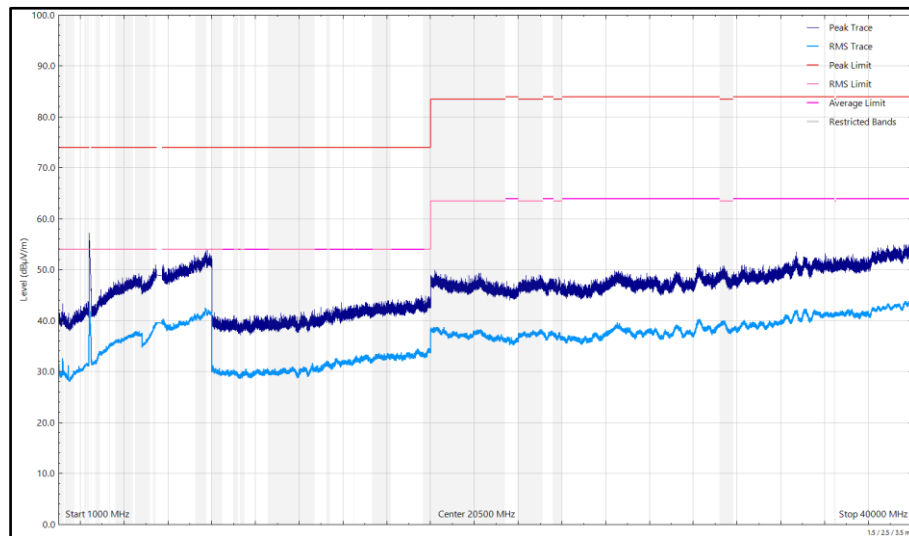


Figure 131 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

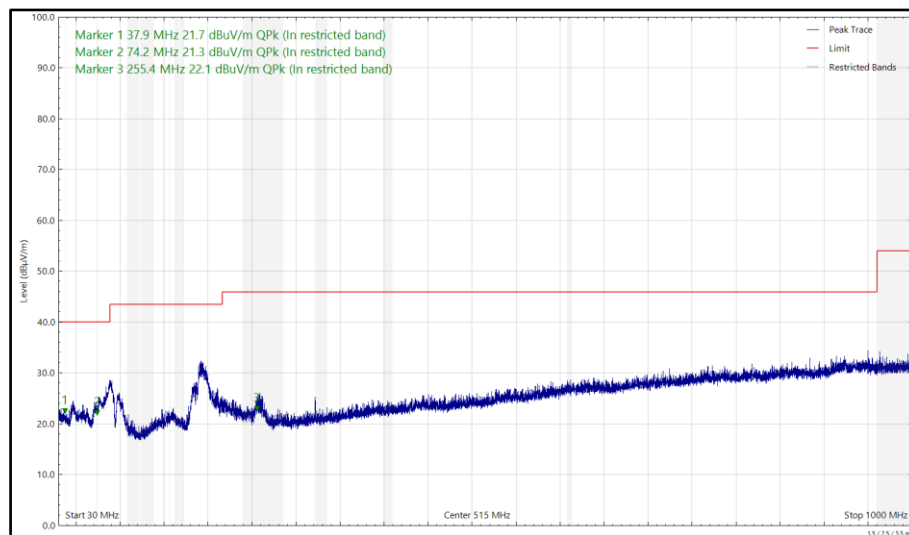


Figure 132 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

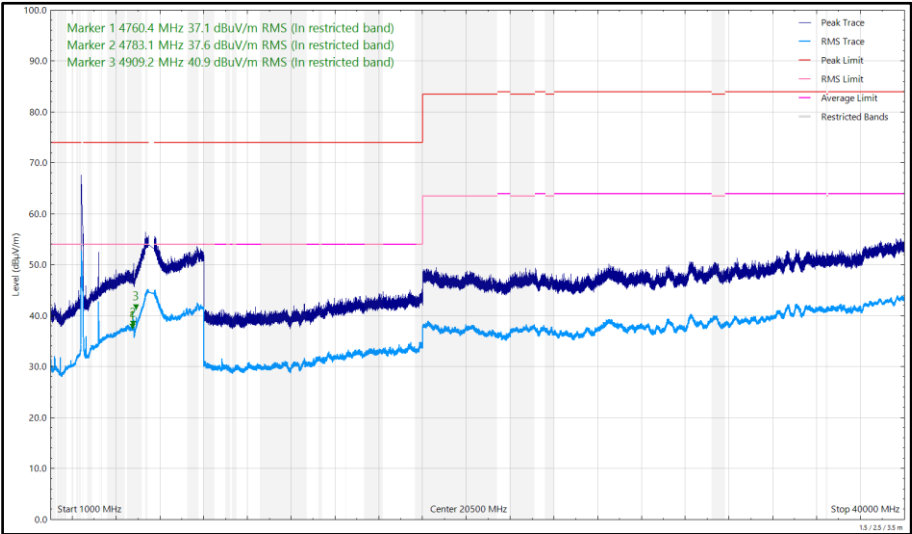


Figure 133 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, ISSED RSS-247 and ISSED RSS-GEN

The least stringent limit from the applicable rule parts was used to determine compliance for Radiated Emissions testing of multiple transmission sources.

The least stringent applicable limit was:

Clause	Limit
Part 15 247 (d) / RSS-247 Clause 6.6	-20 dBc / -30 dBc
Part 15.407 (b) / RSS-247 Clause 6.6, 7.3.1.3, 7.3.2.3, 7.3.3.3, 7.3.4.4	-27 dBm e.i.r.p
Part 15.209 / RSS-GEN Clause 8.9	Peak: 74 dBμV/m at 3m, Average 54 dBμV/m at 3m (Restricted bands > 1 GHz)
Part 15.407 (b) / RSS-247 Clause 7.3.2.3	-27 dBm e.i.r.p
Part 15.407 (b) / RSS-247 Clause 7.3.3.3	-27 dBm e.i.r.p
Part 15.407 (b) / RSS-247 Clause 7.3.4.4	-27 dBm e.i.r.p

Table 49

2.4 GHz WLAN and Thread and 6 GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.774	21.77	40.00	-18.23	Q-Peak	330	239	Horizontal
74.482	20.76	40.00	-19.24	Q-Peak	205	262	Vertical
74.802	18.92	40.00	-21.08	Q-Peak	283	278	Horizontal
114.835	20.03	43.50	-23.47	Q-Peak	342	392	Horizontal
257.185	24.72	46.00	-21.28	Q-Peak	294	121	Horizontal
611.559	28.48	46.00	-17.52	Q-Peak	353	347	Vertical

Table 50 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

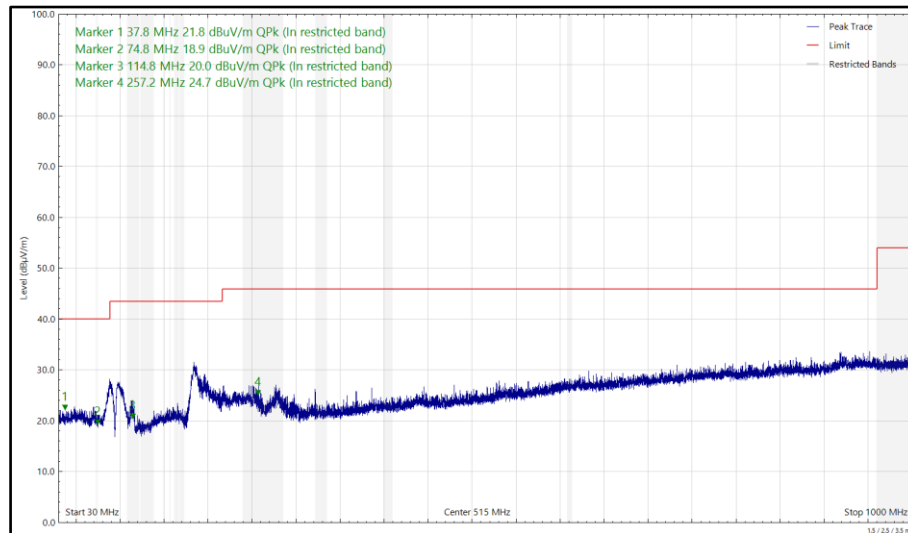


Figure 134 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

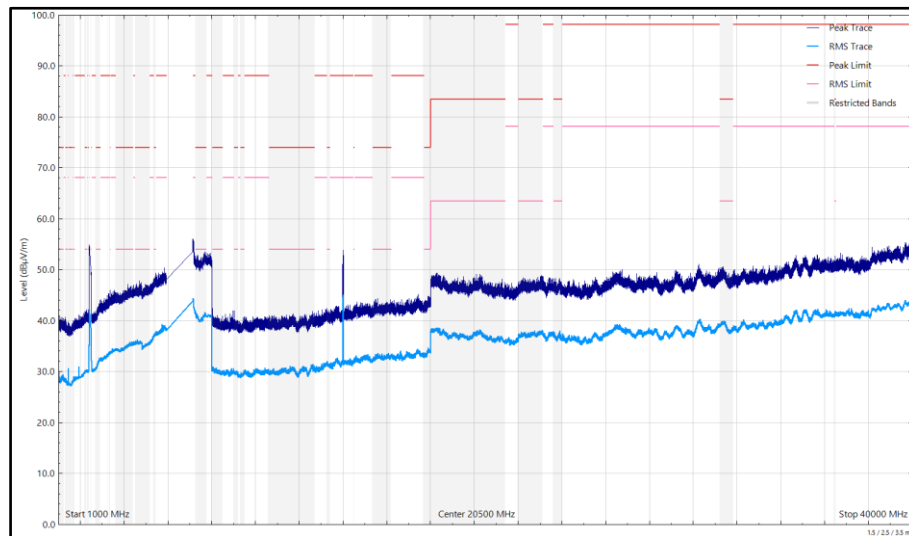


Figure 135 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

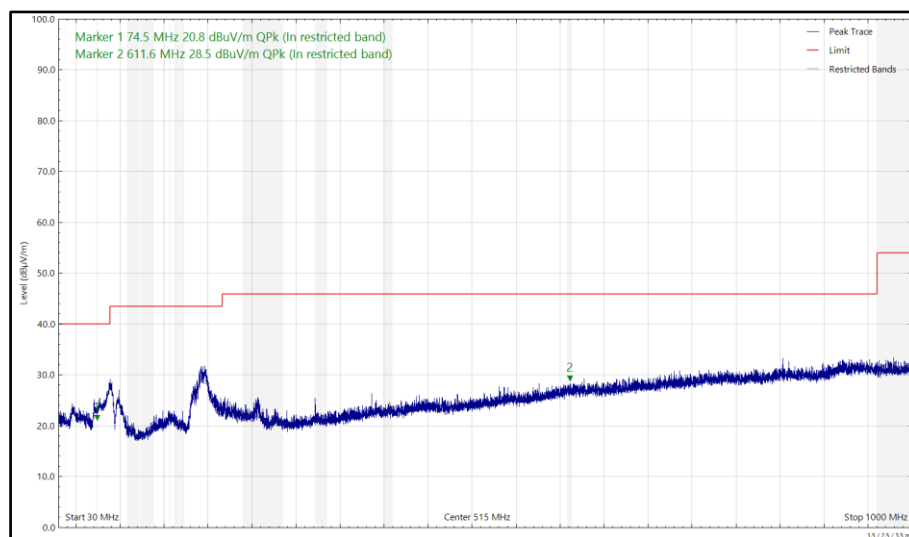


Figure 136 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

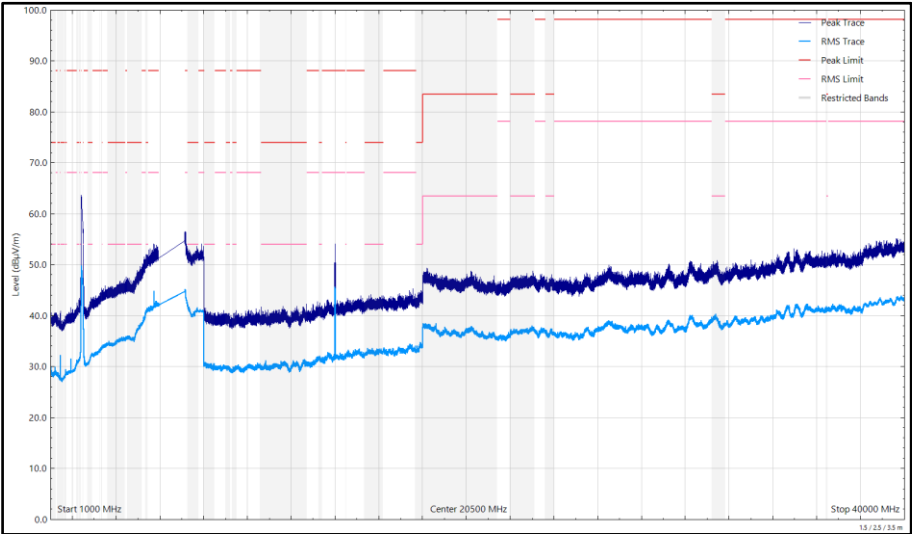


Figure 137 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.706	21.70	40.00	-18.30	Q-Peak	282	383	Vertical
38.067	21.65	40.00	-18.35	Q-Peak	248	400	Horizontal
73.901	21.33	40.00	-18.67	Q-Peak	233	169	Vertical
113.090	19.05	43.50	-24.45	Q-Peak	196	301	Horizontal
116.711	18.82	43.50	-24.68	Q-Peak	341	361	Vertical
276.685	20.99	46.00	-25.01	Q-Peak	86	342	Horizontal
609.676	28.55	46.00	-17.45	Q-Peak	350	376	Vertical
613.892	28.56	46.00	-17.44	Q-Peak	34	340	Horizontal
4909.000	38.80	54.00	-15.20	RMS	19	295	Vertical

Table 51 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

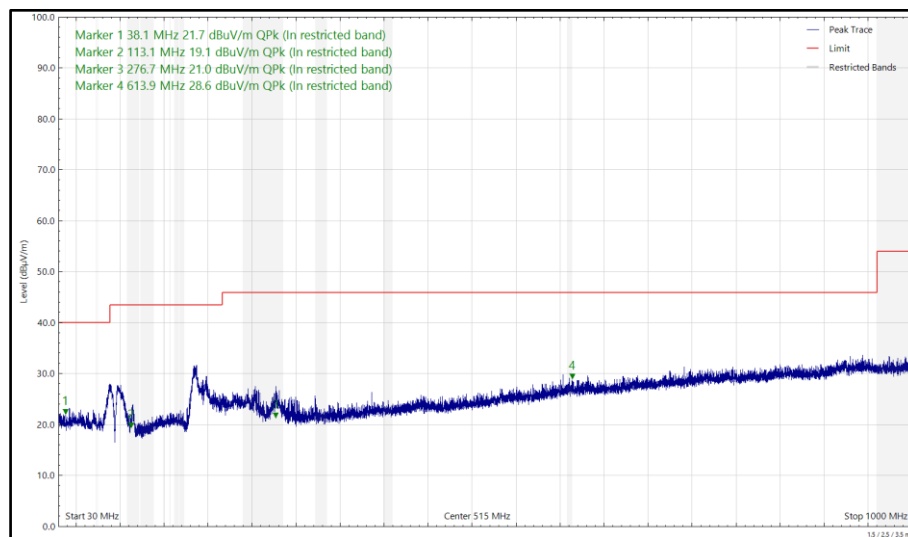


Figure 138 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

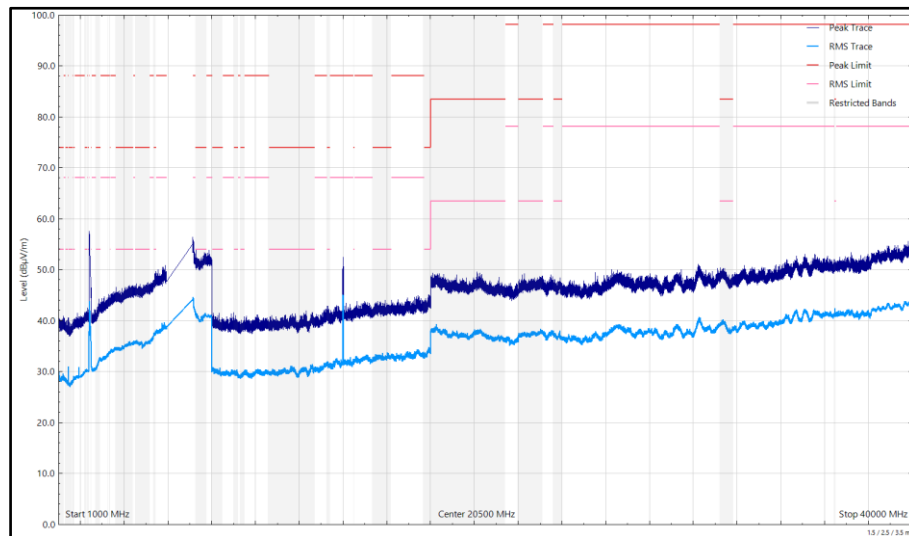


Figure 139 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

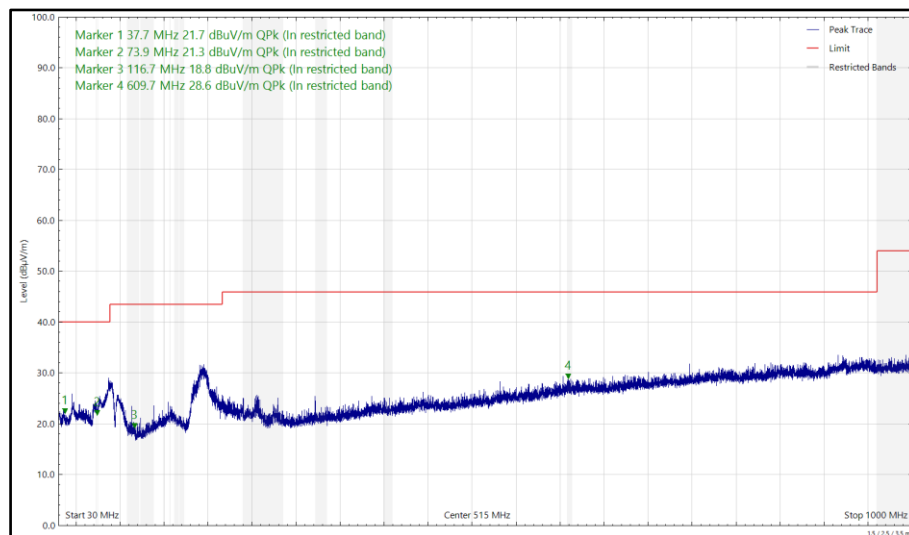


Figure 140 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

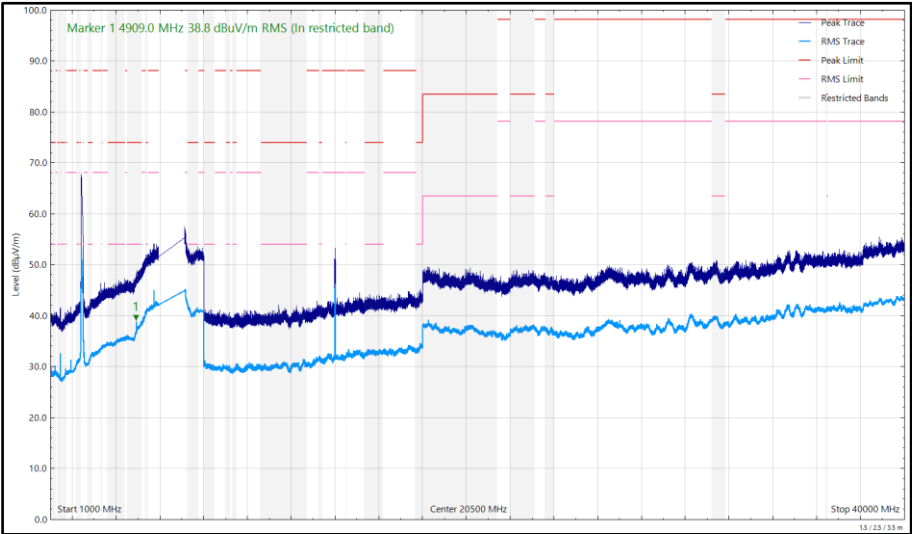


Figure 141 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, ISED RSS-247, ISED RSS-248 and ISED RSS-GEN

The least stringent limit from the applicable rule parts was used to determine compliance for Radiated Emissions testing of multiple transmission sources.

The least stringent applicable limit was:

Clause	Limit
Part 15 247 (d) / RSS-247 Clause 6.6	-20 dBc
Part 15.407 (b) / RSS-248 Clause 4.6.2	Peak: -7 dBm/MHz e.i.r.p, Average: -27 dBm/MHz e.i.r.p.
Part 15.209 / RSS-GEN Clause 8.9	Peak: 74 dBµV/m at 3m, Average 54 dBµV/m at 3m (Restricted bands > 1 GHz)

Table 52



2.1.8 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.6	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
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5960	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5961	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6007	12	06-Jun-2026
Digital Multimeter	Fluke	115	6145	12	06-Jun-2026
Humidity & Temperature meter	R.S Components	1364	6149	12	28-Aug-2026
Double Ridge Active Horn Antenna (18-40 GHz)	Com-Power	AHA-840	6187	24	03-Sep-2026
Attenuator 4dB	Pasternack	PE7074-4	6204	24	13-Mar-2027
USB Spectrum Analyser	Signal Hound	SA124B	6295	-	TU
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	6323	12	27-Apr-2026
1m Coaxial Cable Assy	Junkosha	MWX221-01000AMSAMS/A	6354	12	15-Apr-2026
8 GHz High Pass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6427	12	23-Apr-2026
Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9168	6456	24	13-Mar-2027
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
Pre Amp 8 - 18 GHz	Wright Technologies	APS06-0061	6783	12	24-Apr-2026
Turntable	Maturo Gmbh	TT1.5SI	6797	-	TU
AC Programmable Power Supply	iTech	IT7324	6812	-	TU
Broad-Band Horn Antenna 1-10GHz N	Schwarzbeck	BBHA9120B	6825	12	14-Sep-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6850	12	23-Oct-2026
Cable Assembly	SpecTech	PE300-60	6861	-	TU
Cable Assembly	SpecTech	PE300-60	6863	-	TU
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6886	12	02-Dec-2026
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6975	12	05-Apr-2026

Table 53

TU - Traceability Unscheduled



3 Measurement Uncertainty

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

Test Name	Measurement Uncertainty
Radiated Spurious Emissions (Simultaneous Transmission)	30 MHz to 1 GHz: ± 5.2 dB
	1 GHz to 40 GHz: ± 6.3 dB

Table 54

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.