



Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.242	19.92	40.00	-20.08	Q-Peak	139	394	Horizontal
73.081	25.29	40.00	-14.71	Q-Peak	105	100	Vertical
73.092	19.84	40.00	-20.16	Q-Peak	0	339	Horizontal
108.128	32.18	43.50	-11.32	Q-Peak	0	110	Vertical
116.539	24.40	43.50	-19.10	Q-Peak	4	277	Horizontal
326.271	21.83	46.00	-24.17	Q-Peak	42	110	Vertical
2389.876	37.02	54.00	-16.98	RMS	10	357	Vertical
2484.286	37.42	54.00	-16.58	RMS	332	317	Vertical
5444.554	40.81	54.00	-13.19	RMS	355	260	Vertical
5445.044	38.62	54.00	-15.38	RMS	72	324	Horizontal
7264.896	40.78	54.00	-13.22	RMS	0	194	Vertical

Table 23 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

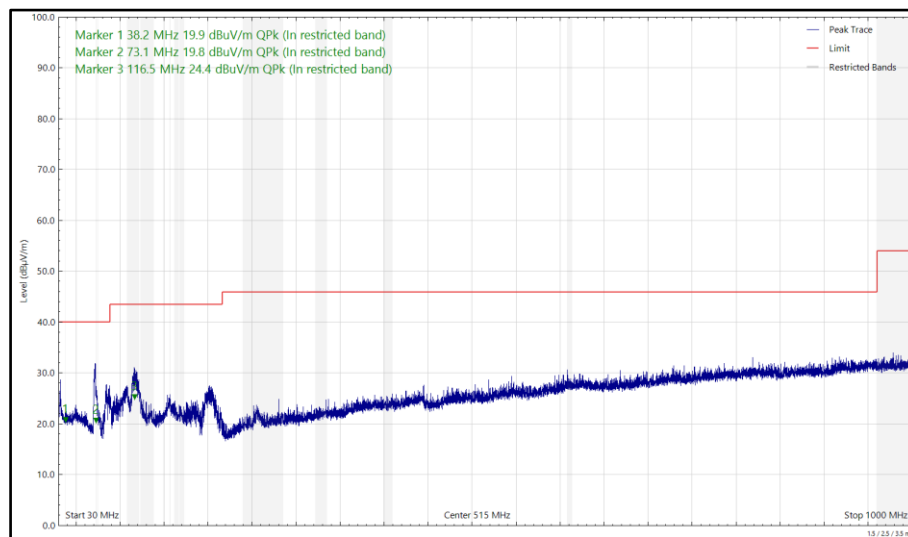


Figure 58 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

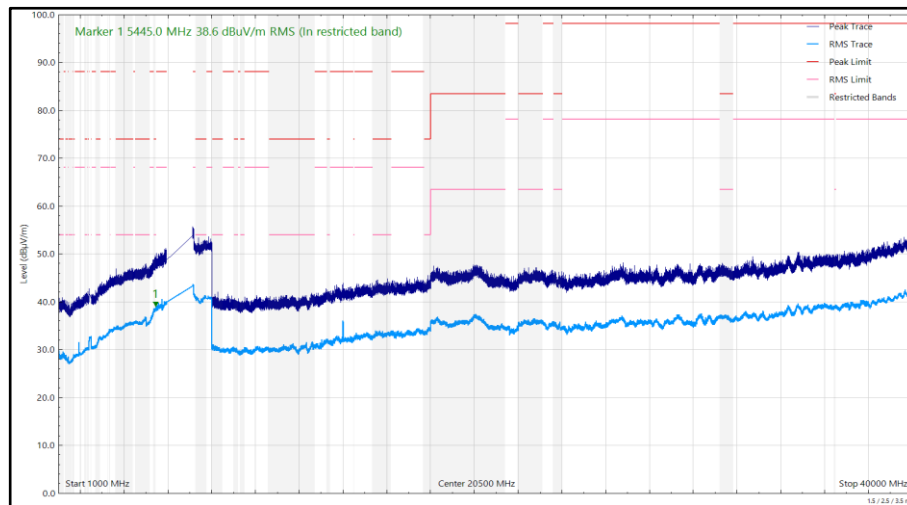


Figure 59 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

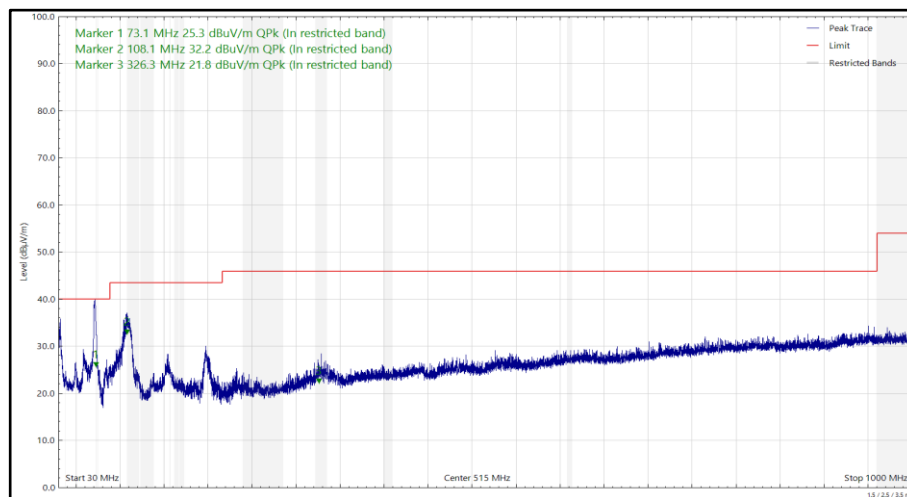


Figure 60 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

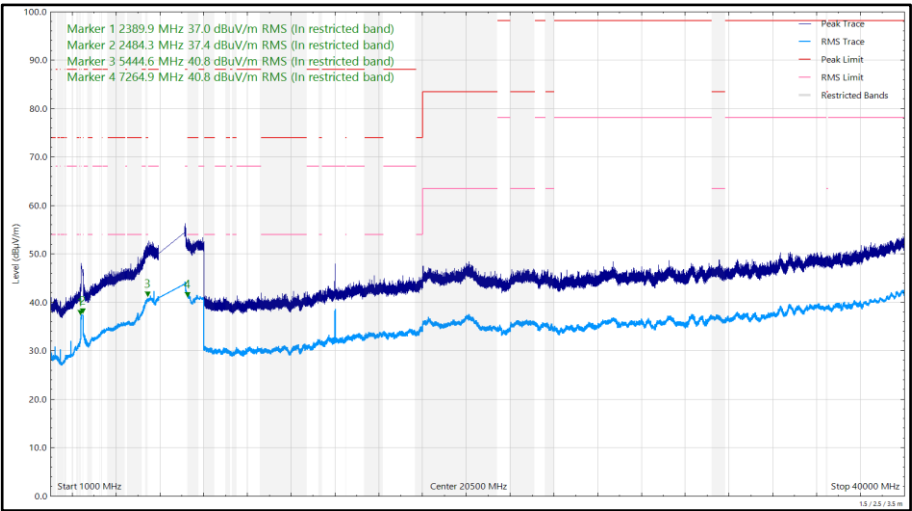


Figure 61 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Vertical

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 / -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 dBuV/m at 3m, Average 54 dBuV/m at 3m (Restricted bands > 1 GHz)

Table 24

2.4 GHz WLAN and 2.4 GHz Bluetooth and 5 GHz Narrowband

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.817	20.49	40.00	-19.51	Q-Peak	352	389	Horizontal
38.061	20.40	40.00	-19.60	Q-Peak	308	390	Vertical
73.448	18.01	40.00	-21.99	Q-Peak	39	138	Horizontal
74.089	18.01	40.00	-21.99	Q-Peak	321	246	Vertical
134.328	20.60	43.50	-22.90	Q-Peak	358	262	Horizontal
135.112	21.13	43.50	-22.37	Q-Peak	285	130	Vertical
166.874	22.10	43.50	-21.40	Q-Peak	114	278	Vertical
268.232	21.27	46.00	-24.73	Q-Peak	360	313	Horizontal
330.219	23.19	46.00	-22.81	Q-Peak	14	238	Horizontal
2312.444	29.85	54.00	-24.15	CISPR Avg	345	390	Vertical
2313.061	34.15	54.00	-19.85	CISPR Avg	178	176	Horizontal
4908.836	34.68	54.00	-19.32	CISPR Avg	9	330	Vertical
4938.636	34.78	54.00	-19.22	CISPR Avg	7	281	Vertical

Table 25 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 5788 MHz, DH5, ePA, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

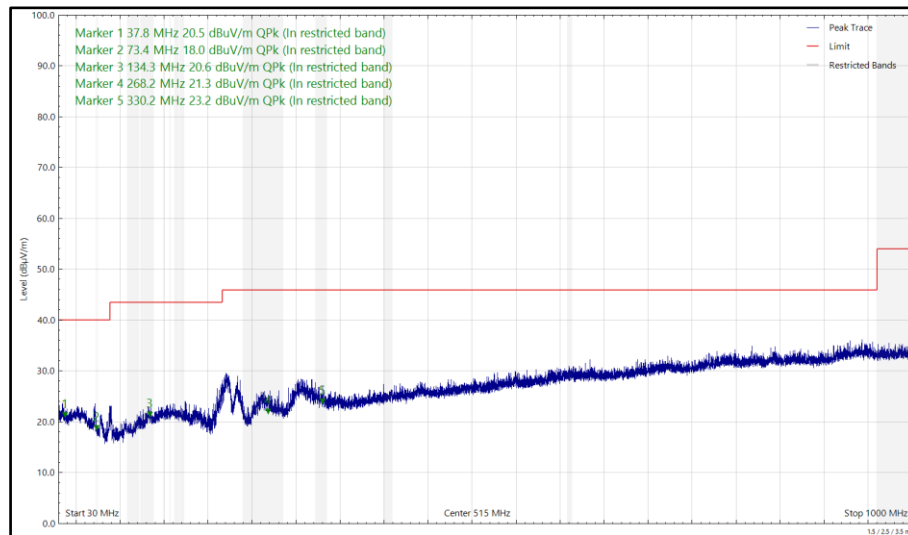


Figure 62 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

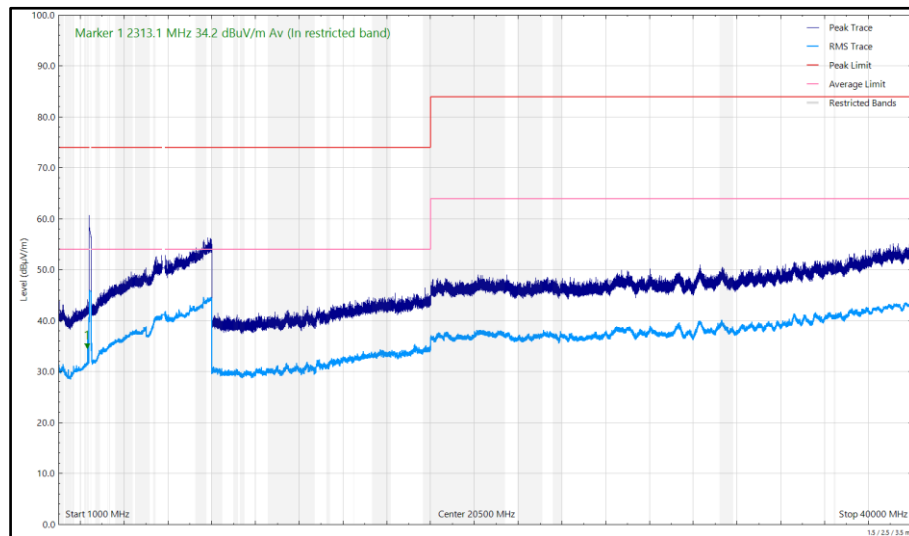


Figure 63 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

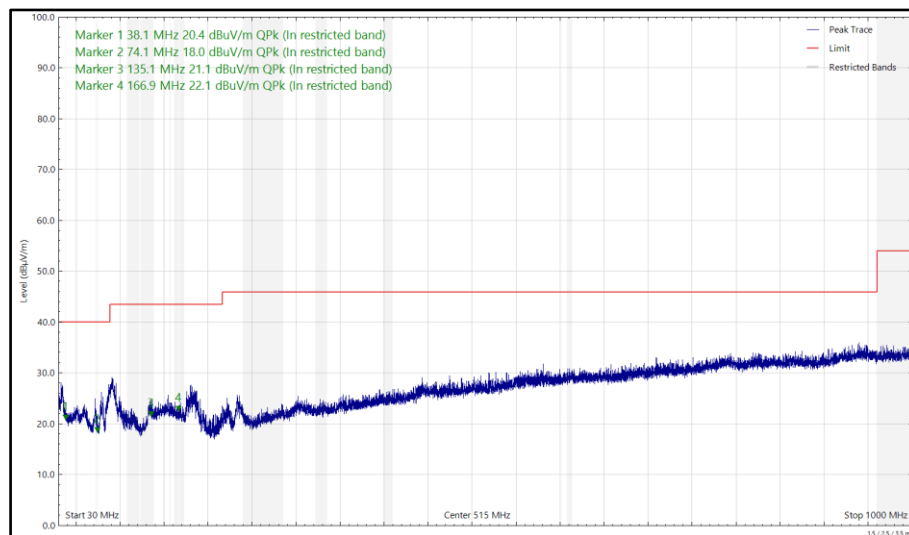


Figure 64 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

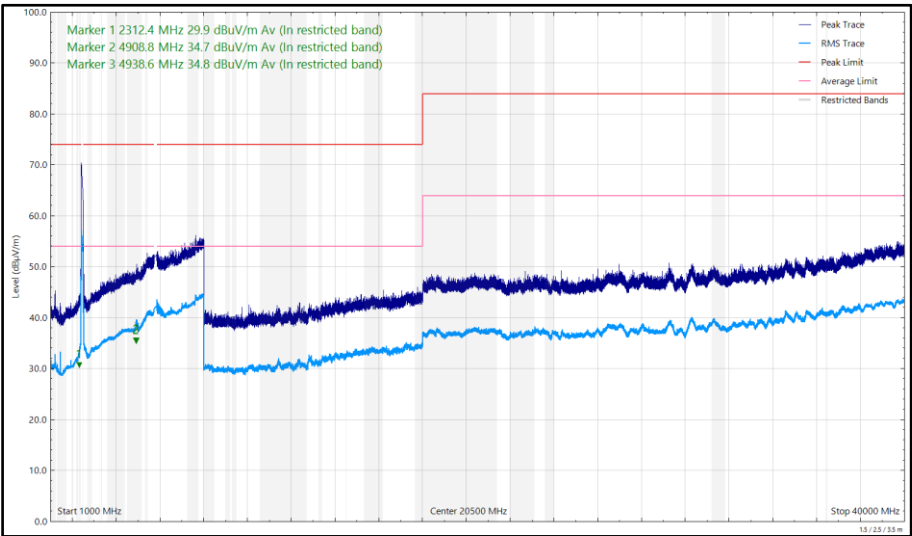


Figure 65 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

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 dBuV/m at 3m, Average 54 dBuV/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 26

2.4 GHz WLAN and 2.4 GHz Bluetooth and 6 GHz Narrowband

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.685	20.48	40.00	-19.52	Q-Peak	320	320	Vertical
38.018	20.48	40.00	-19.52	Q-Peak	267	398	Horizontal
73.187	18.03	40.00	-21.97	Q-Peak	252	307	Vertical
134.540	20.78	43.50	-22.72	Q-Peak	258	187	Vertical
165.203	22.04	43.50	-21.46	Q-Peak	360	360	Horizontal
167.826	22.07	43.50	-21.43	Q-Peak	218	224	Vertical
279.506	22.49	46.00	-23.51	Q-Peak	187	109	Horizontal
2313.012	34.09	54.00	-19.91	CISPR Avg	175	175	Horizontal
4922.872	34.84	54.00	-19.16	CISPR Avg	330	318	Vertical

Table 27 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

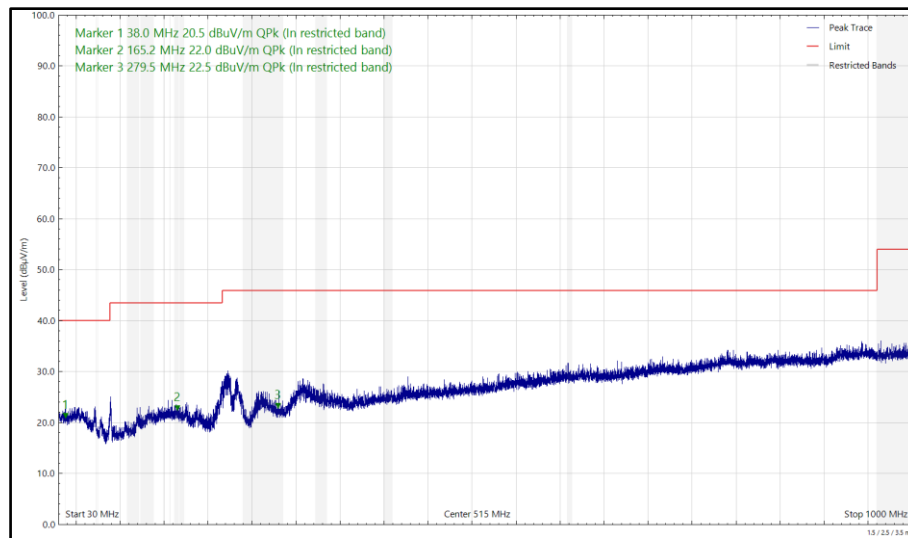


Figure 66 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

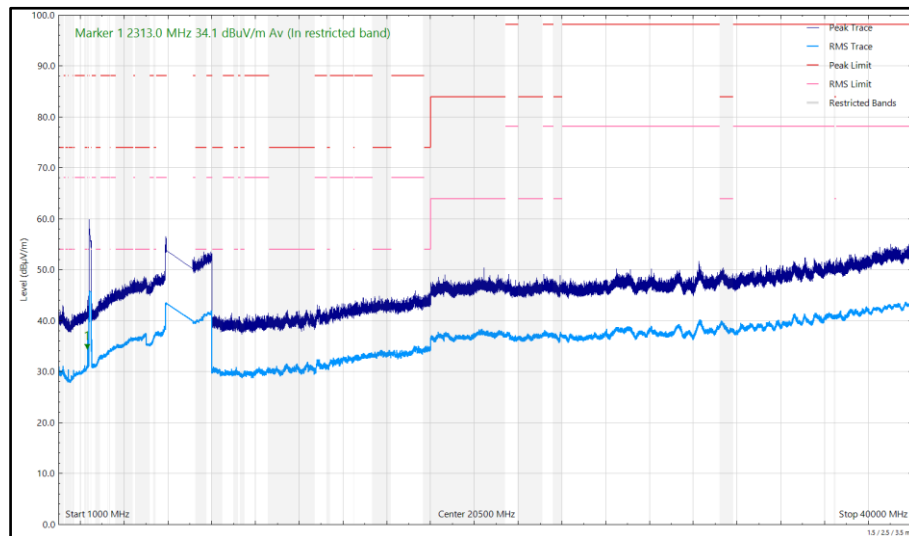


Figure 67 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

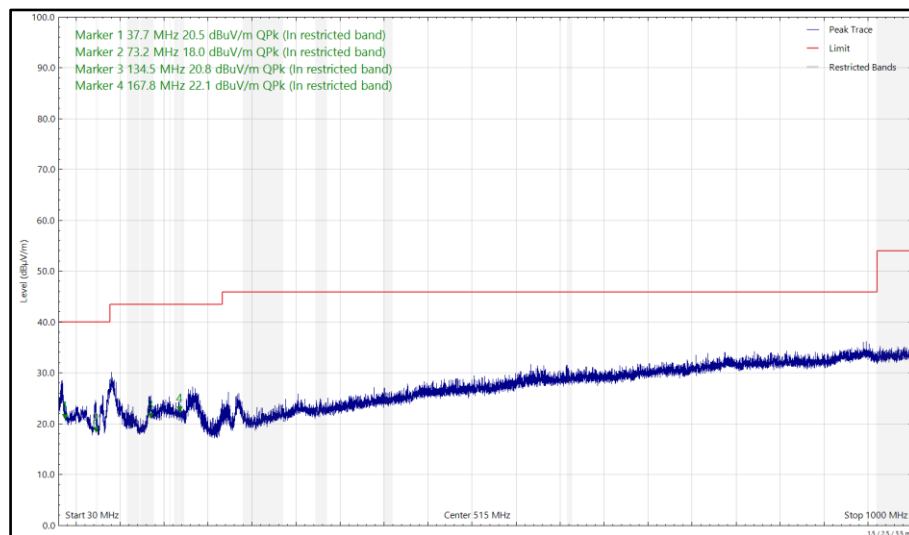


Figure 68 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

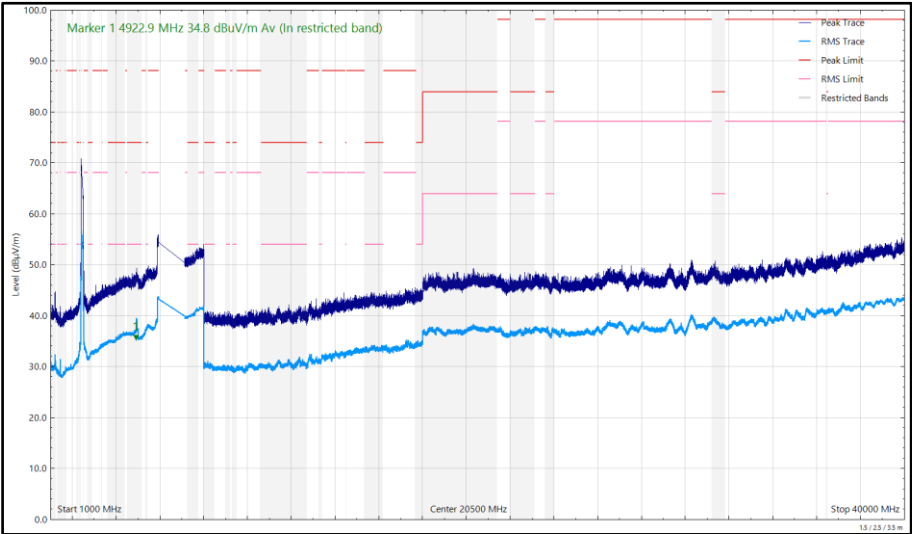


Figure 69 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

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 28

2.4 GHz WLAN and Thread and 5 GHz Narrowband

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
74.252	17.35	40.00	-22.65	Q-Peak	2	360	Horizontal
74.539	16.73	40.00	-23.27	Q-Peak	352	400	Vertical
111.081	20.09	43.50	-23.41	Q-Peak	0	278	Horizontal
118.689	19.99	43.50	-23.51	Q-Peak	48	102	Vertical
284.704	20.33	46.00	-25.67	Q-Peak	170	206	Horizontal
322.045	22.15	46.00	-23.85	Q-Peak	270	124	Vertical
2387.437	57.09	74.00	-16.91	Peak	353	354	Vertical
2389.724	45.53	54.00	-8.47	RMS	350	352	Vertical
2389.955	40.73	54.00	-13.27	RMS	55	390	Horizontal
2483.521	44.47	54.00	-9.53	RMS	0	331	Vertical
2483.613	41.11	54.00	-12.89	RMS	55	379	Horizontal
2483.976	59.84	74.00	-14.16	Peak	5	353	Vertical
2746.408	31.87	54.00	-22.13	RMS	142	193	Vertical
5143.542	39.48	54.00	-14.52	RMS	6	338	Vertical
5149.142	37.26	54.00	-16.74	RMS	71	385	Horizontal
5357.486	38.74	54.00	-15.26	RMS	350	323	Vertical
5427.734	37.41	54.00	-16.59	RMS	297	281	Horizontal

Table 29 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

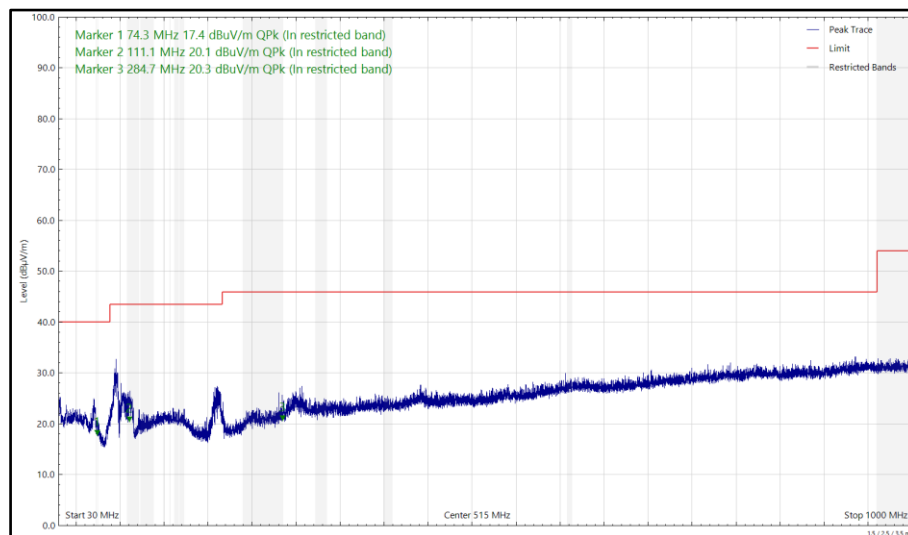


Figure 70 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

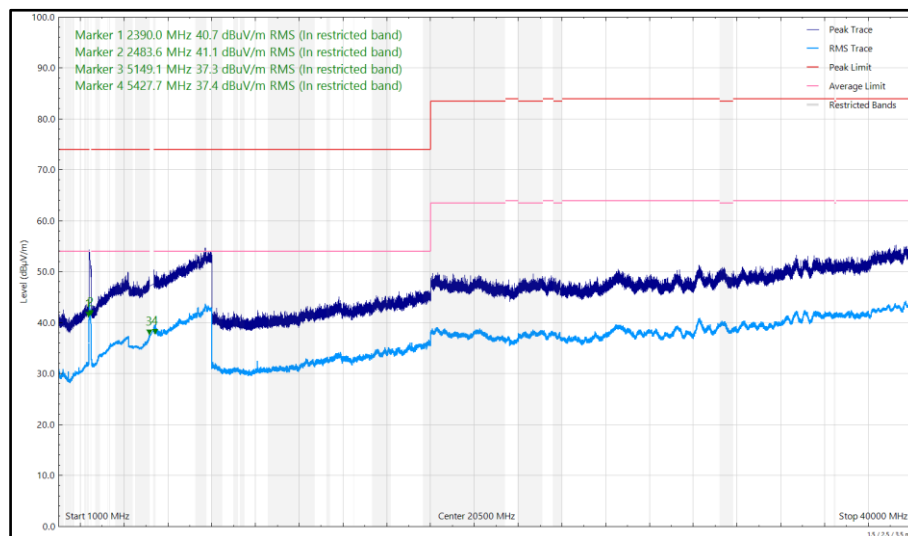


Figure 71 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

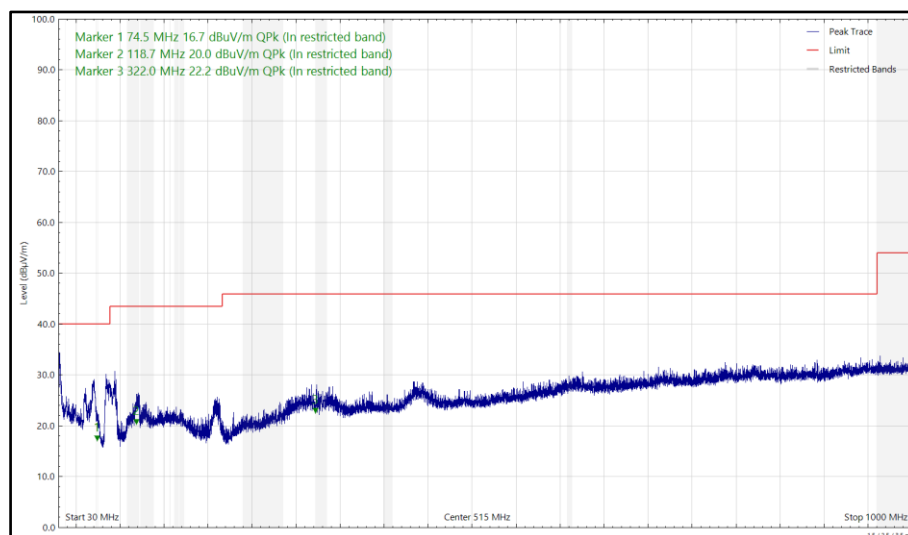


Figure 72 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

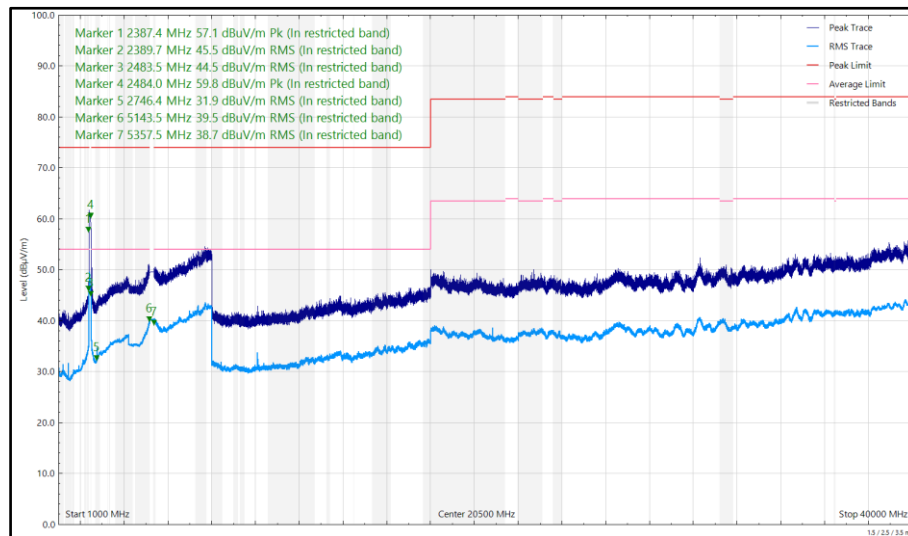


Figure 73 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
73.780	17.71	40.00	-22.29	Q-Peak	332	399	Horizontal
74.072	17.91	40.00	-22.09	Q-Peak	214	100	Vertical
110.692	19.73	43.50	-23.77	Q-Peak	6	281	Horizontal
120.861	20.32	43.50	-23.18	Q-Peak	78	153	Vertical
334.334	22.24	46.00	-23.76	Q-Peak	243	203	Vertical
2387.037	56.87	74.00	-17.13	Peak	2	315	Vertical
2389.808	41.65	54.00	-12.35	RMS	51	399	Horizontal
2389.927	45.74	54.00	-8.26	RMS	0	360	Vertical
2483.505	44.65	54.00	-9.35	RMS	36	248	Vertical
2483.599	38.43	54.00	-15.57	RMS	71	395	Horizontal
2483.779	60.24	74.00	-13.76	Peak	1	282	Vertical
5434.055	38.65	54.00	-15.35	RMS	74	368	Horizontal
5444.732	39.78	54.00	-14.22	RMS	5	287	Vertical

Table 30 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

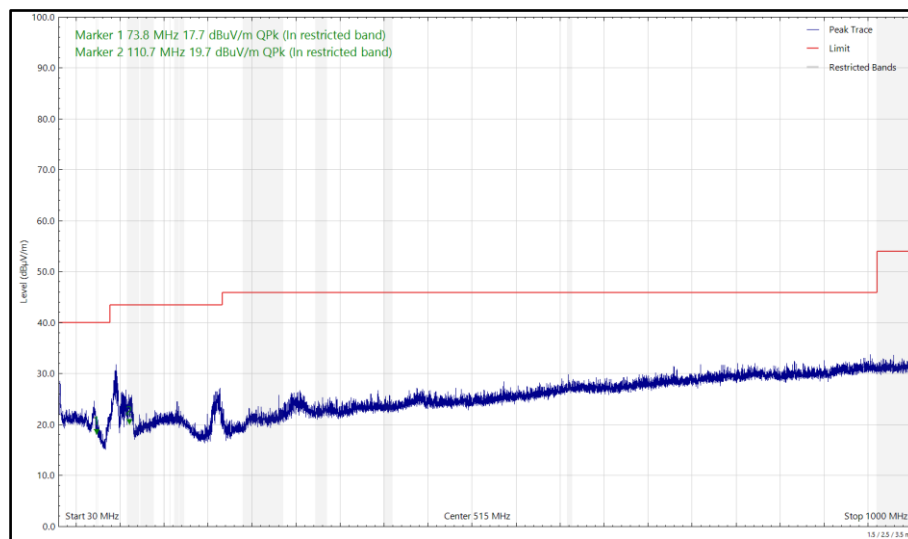


Figure 74 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

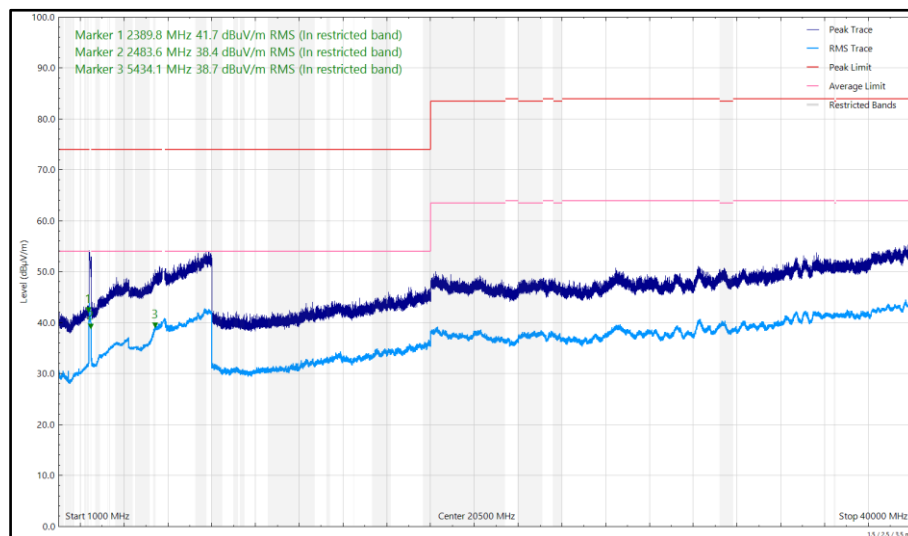


Figure 75 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

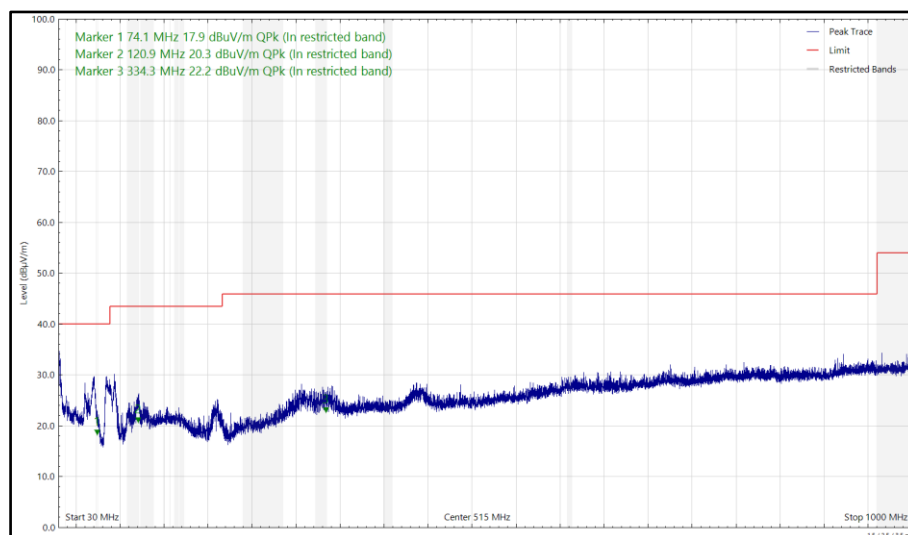


Figure 76 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

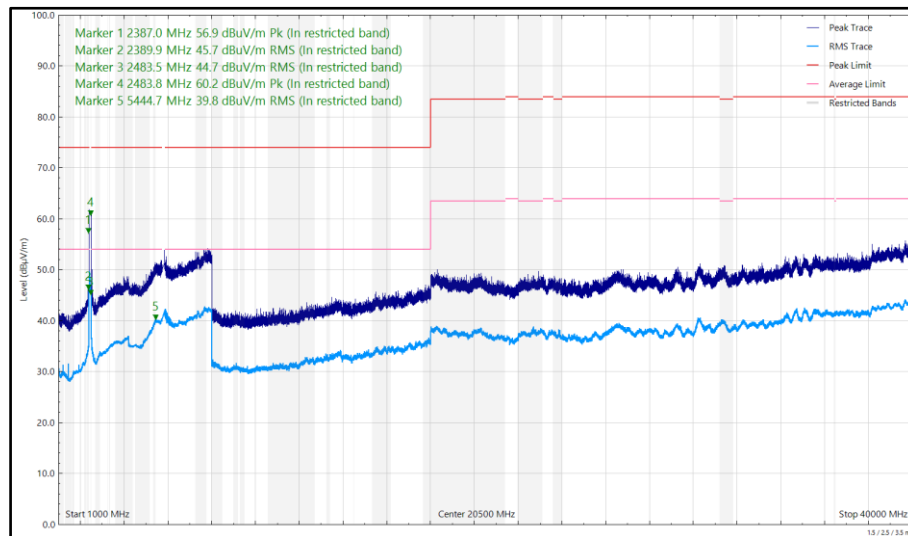


Figure 77 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
74.076	17.41	40.00	-22.59	Q-Peak	79	223	Vertical
75.168	16.89	40.00	-23.11	Q-Peak	86	386	Horizontal
110.560	19.52	43.50	-23.98	Q-Peak	10	252	Horizontal
121.691	19.07	43.50	-24.43	Q-Peak	0	260	Vertical
135.924	19.27	43.50	-24.23	Q-Peak	311	187	Vertical
333.977	21.76	46.00	-24.24	Q-Peak	159	199	Vertical
2389.934	36.36	54.00	-17.64	RMS	360	312	Vertical
2389.997	38.35	54.00	-15.65	RMS	47	399	Horizontal
2483.610	39.02	54.00	-14.98	RMS	45	393	Horizontal
2483.787	45.90	54.00	-8.10	RMS	30	373	Vertical
2484.281	57.58	74.00	-16.42	Peak	340	368	Vertical
5139.296	39.46	54.00	-14.54	RMS	7	269	Vertical
5149.248	35.88	54.00	-18.12	RMS	197	141	Horizontal
5357.535	38.56	54.00	-15.44	RMS	72	344	Horizontal
5413.077	39.69	54.00	-14.31	RMS	0	271	Vertical

Table 31 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

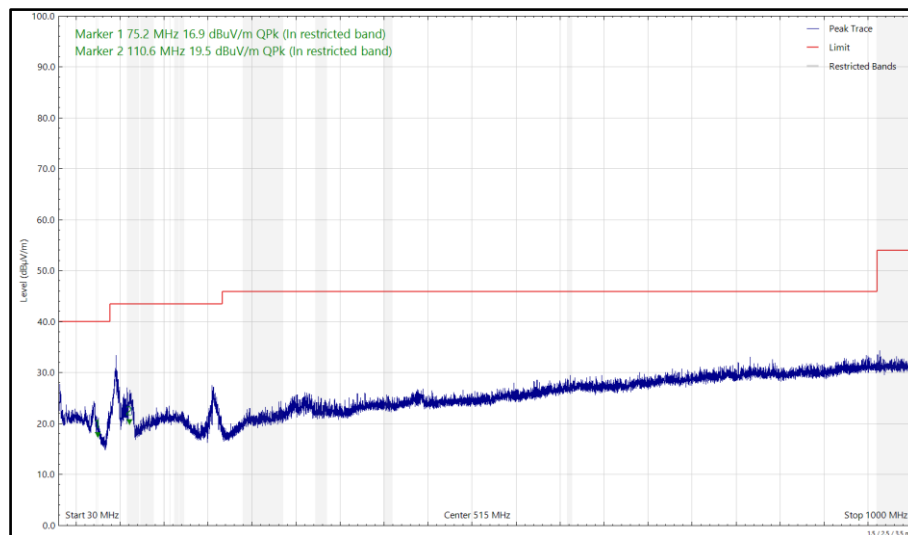


Figure 78 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

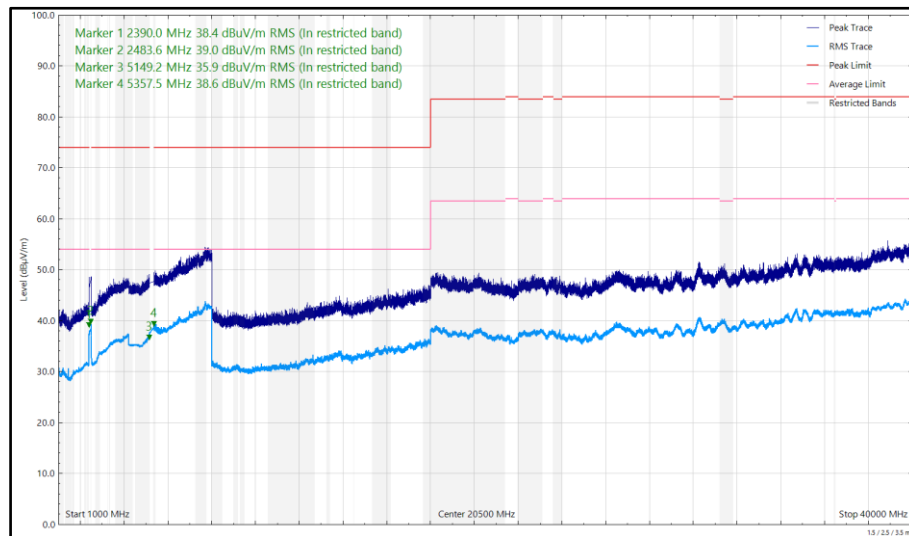


Figure 79 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

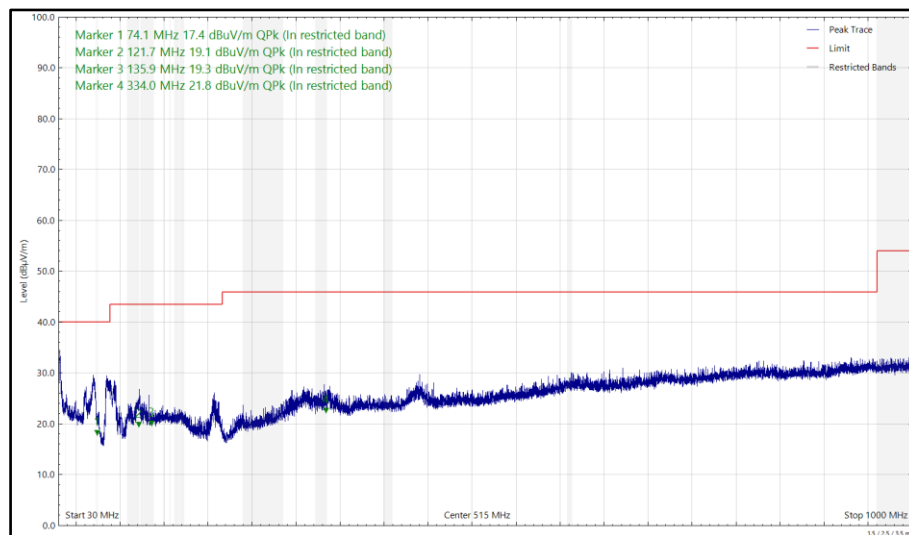


Figure 80 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

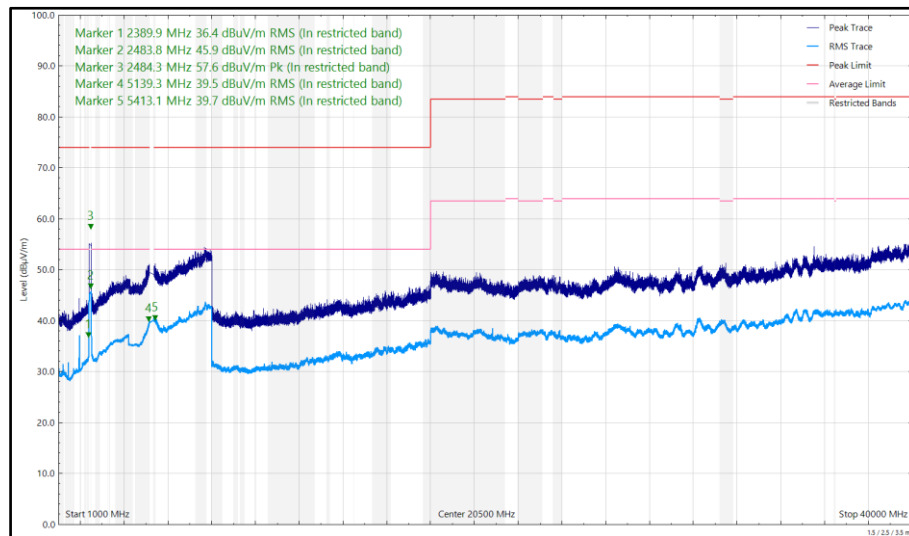


Figure 81 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
73.143	18.54	40.00	-21.46	Q-Peak	10	100	Vertical
73.933	17.73	40.00	-22.27	Q-Peak	24	324	Horizontal
112.094	18.65	43.50	-24.85	Q-Peak	10	395	Horizontal
115.742	23.33	43.50	-20.17	Q-Peak	0	107	Vertical
126.571	19.27	43.50	-24.23	Q-Peak	0	348	Horizontal
334.711	22.69	46.00	-23.31	Q-Peak	305	100	Vertical
2389.485	55.13	74.00	-18.87	Peak	350	302	Vertical
2389.878	36.38	54.00	-17.62	RMS	15	298	Vertical
2389.976	38.60	54.00	-15.40	RMS	49	396	Horizontal
2483.568	46.12	54.00	-7.88	RMS	24	317	Vertical
2483.613	58.22	74.00	-15.78	Peak	24	317	Vertical
2484.293	38.84	54.00	-15.16	RMS	313	360	Horizontal
5437.115	38.09	54.00	-15.91	RMS	65	311	Horizontal
5448.920	39.89	54.00	-14.11	RMS	3	282	Vertical

Table 32 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

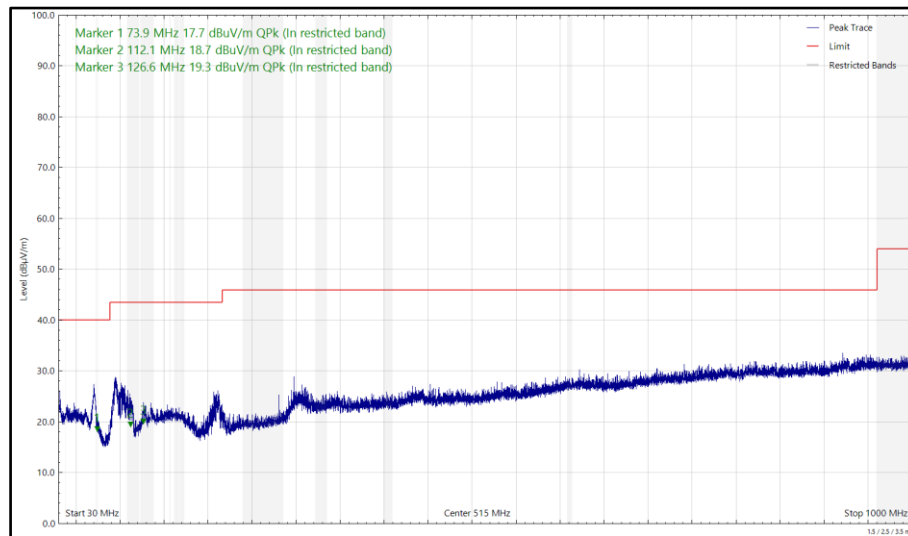


Figure 82 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

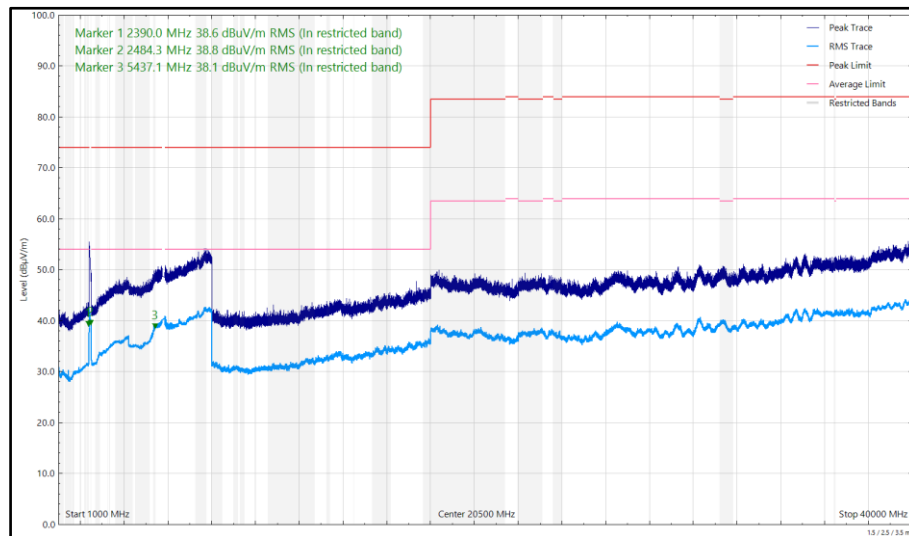


Figure 83 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

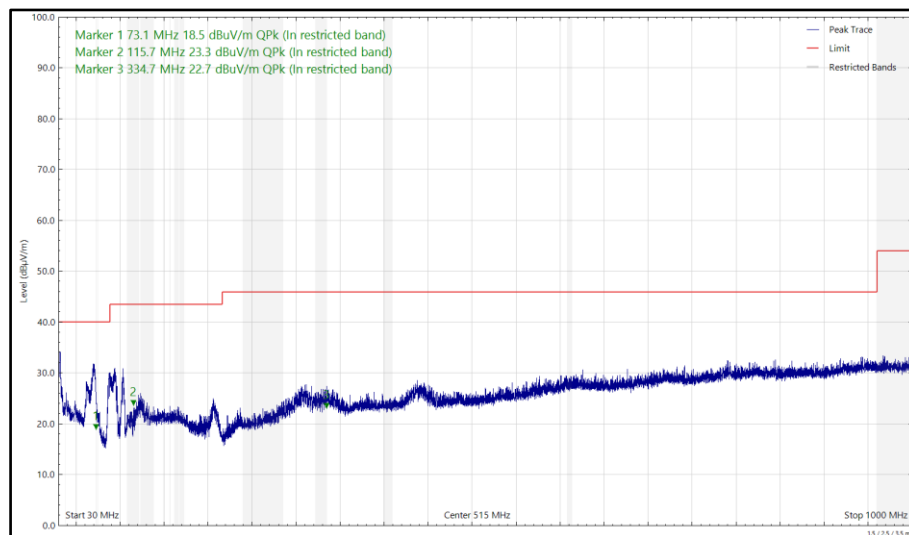


Figure 84 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

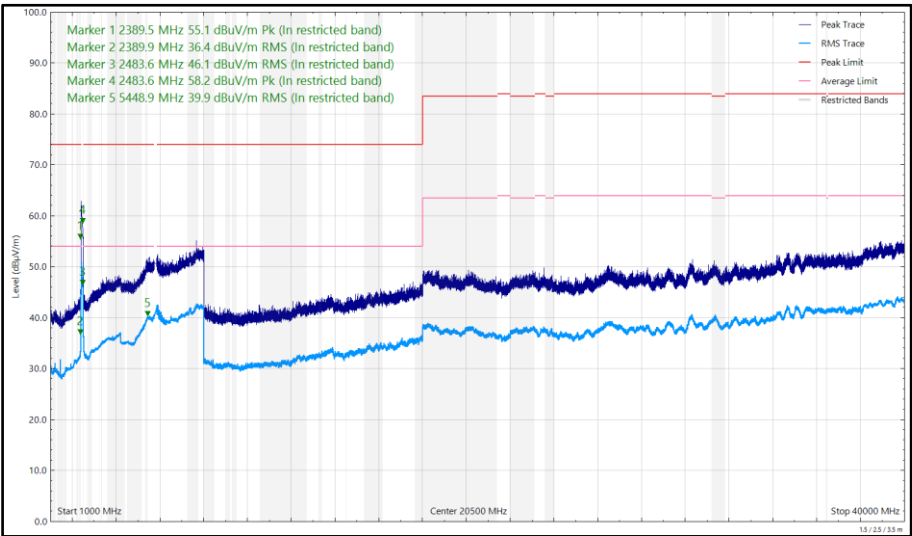


Figure 85 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

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 dBuV/m at 3m, Average 54 dBuV/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 33

2.4 GHz WLAN and Thread and 6 GHz Narrowband

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
73.760	17.66	40.00	-22.34	Q-Peak	350	395	Horizontal
73.833	18.51	40.00	-21.49	Q-Peak	0	138	Vertical
114.448	19.07	43.50	-24.43	Q-Peak	0	240	Horizontal
118.501	23.09	43.50	-20.41	Q-Peak	37	120	Vertical
127.006	20.18	43.50	-23.32	Q-Peak	6	249	Horizontal
135.936	19.28	43.50	-24.22	Q-Peak	230	341	Vertical
276.064	19.56	46.00	-26.44	Q-Peak	227	302	Horizontal
327.988	21.50	46.00	-24.50	Q-Peak	187	400	Vertical
2388.164	58.49	74.00	-15.51	Peak	357	390	Vertical
2389.836	46.81	54.00	-7.19	RMS	360	351	Vertical
2389.983	40.81	54.00	-13.19	RMS	63	399	Horizontal
2483.504	44.46	54.00	-9.54	RMS	360	327	Vertical
2483.547	41.66	54.00	-12.34	RMS	57	375	Horizontal
2483.693	59.92	74.00	-14.08	Peak	353	367	Vertical
3730.640	45.30	54.00	-8.70	RMS	339	300	Vertical
5450.042	36.42	54.00	-17.58	RMS	133	209	Horizontal
5455.618	37.09	54.00	-16.91	RMS	11	290	Vertical

Table 34 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

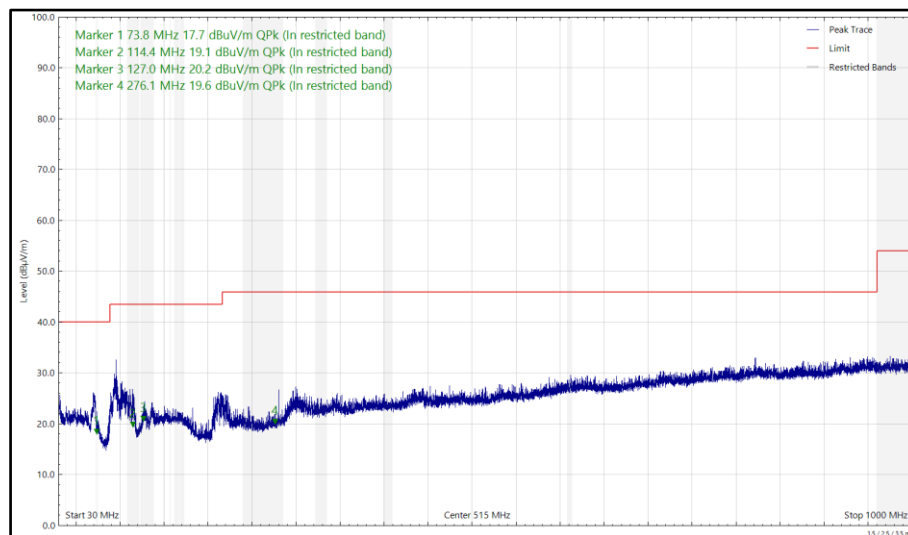


Figure 86 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

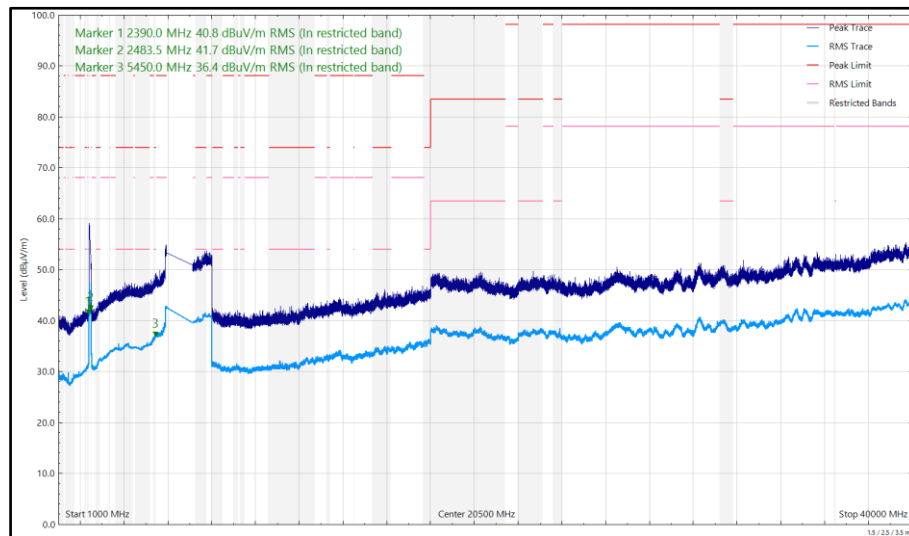


Figure 87 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

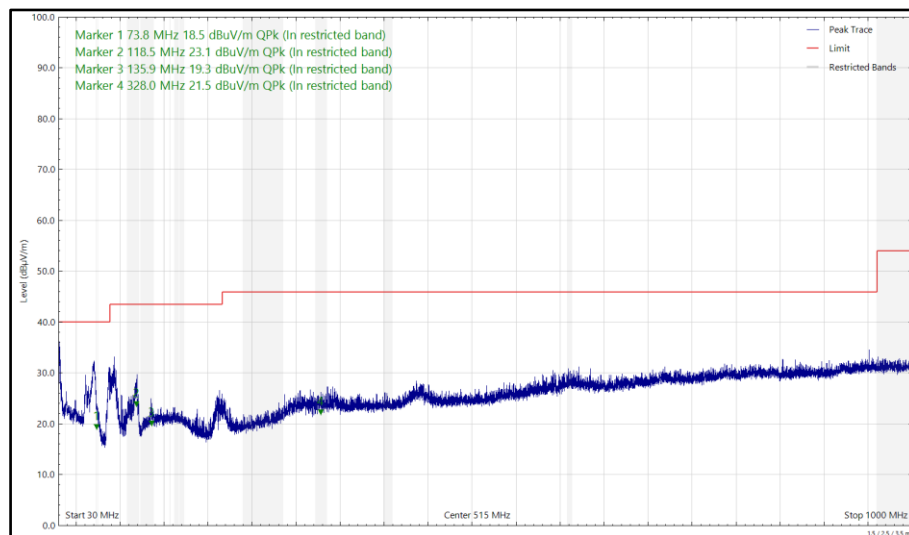


Figure 88 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

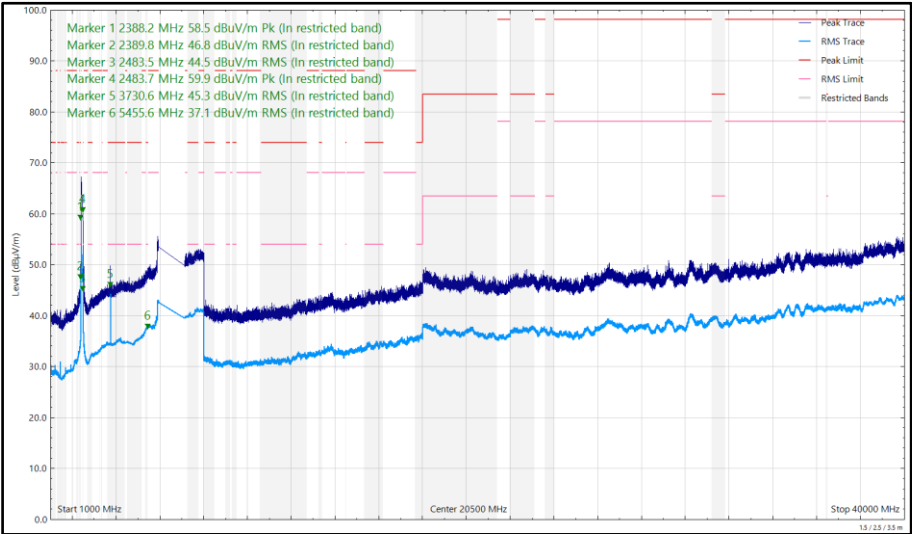


Figure 89 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.126	20.44	40.00	-19.56	Q-Peak	254	148	Horizontal
73.571	17.65	40.00	-22.35	Q-Peak	12	353	Horizontal
74.388	18.07	40.00	-21.93	Q-Peak	84	107	Vertical
110.365	19.94	43.50	-23.56	Q-Peak	0	261	Horizontal
118.319	23.67	43.50	-19.83	Q-Peak	47	111	Vertical
131.421	19.28	43.50	-24.22	Q-Peak	0	295	Horizontal
609.442	27.18	46.00	-18.82	Q-Peak	289	392	Vertical
2389.914	38.75	54.00	-15.25	RMS	45	397	Horizontal
2389.983	53.36	74.00	-20.64	Peak	351	390	Vertical
2389.996	44.49	54.00	-9.51	RMS	22	305	Vertical
2483.613	38.13	54.00	-15.87	RMS	310	400	Horizontal
2484.096	44.80	54.00	-9.20	RMS	326	313	Vertical
2485.433	58.24	74.00	-15.76	Peak	340	313	Vertical
5429.150	36.28	54.00	-17.72	RMS	357	154	Horizontal
5457.885	37.50	54.00	-16.50	RMS	10	270	Vertical

Table 35 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30MHz to 40 GHz

No other emissions found within 20 dB of the limit.

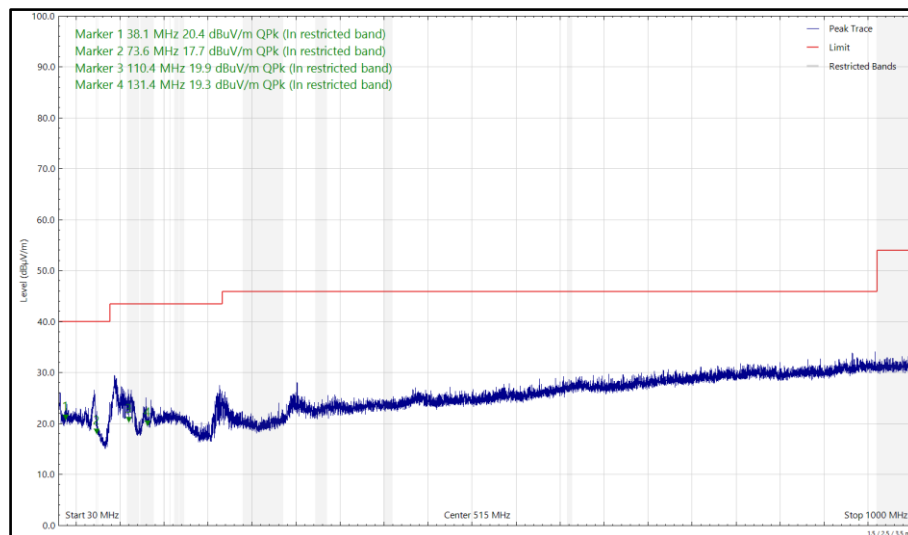


Figure 90 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

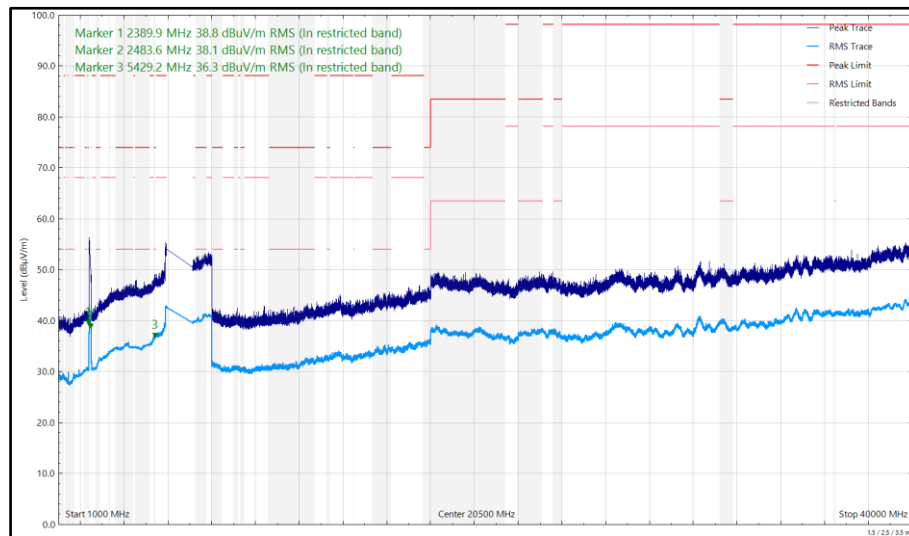


Figure 91 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

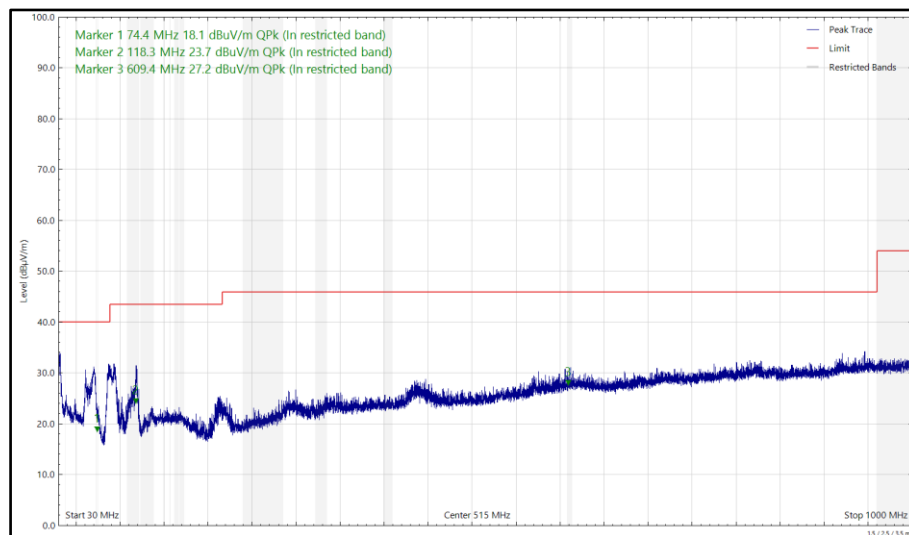


Figure 92 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

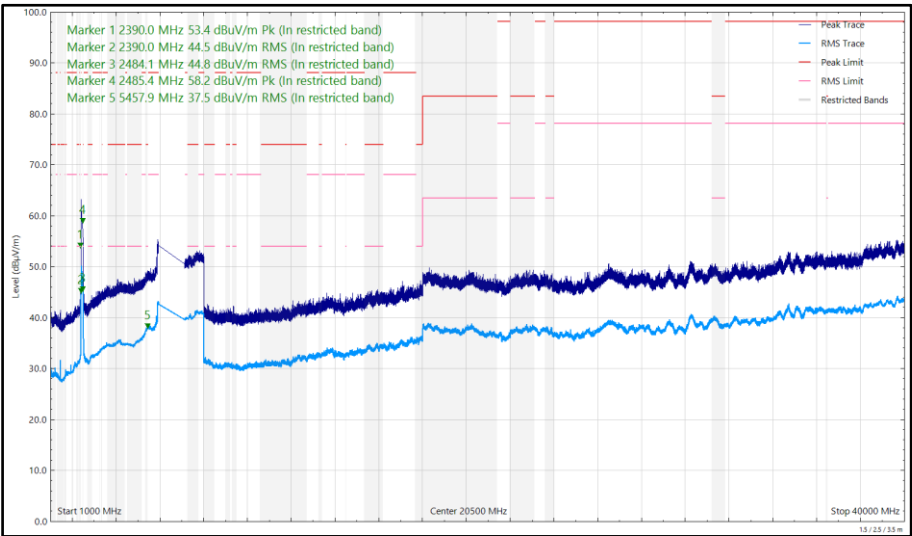


Figure 93 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, ISSED RSS-247, ISSED RSS-248 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-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 36

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
38.087	20.58	40.00	-19.42	Q-Peak	62	286	Vertical
38.158	20.52	40.00	-19.48	Q-Peak	152	393	Horizontal
73.608	18.08	40.00	-21.92	Q-Peak	238	386	Vertical
73.658	17.96	40.00	-22.04	Q-Peak	205	334	Horizontal
134.253	21.40	43.50	-22.10	Q-Peak	289	109	Vertical
169.966	22.58	43.50	-20.92	Q-Peak	7	100	Vertical
172.704	21.68	43.50	-21.82	Q-Peak	351	279	Horizontal
2312.603	34.00	54.00	-20.00	CISPR Avg	174	151	Horizontal

Table 37 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

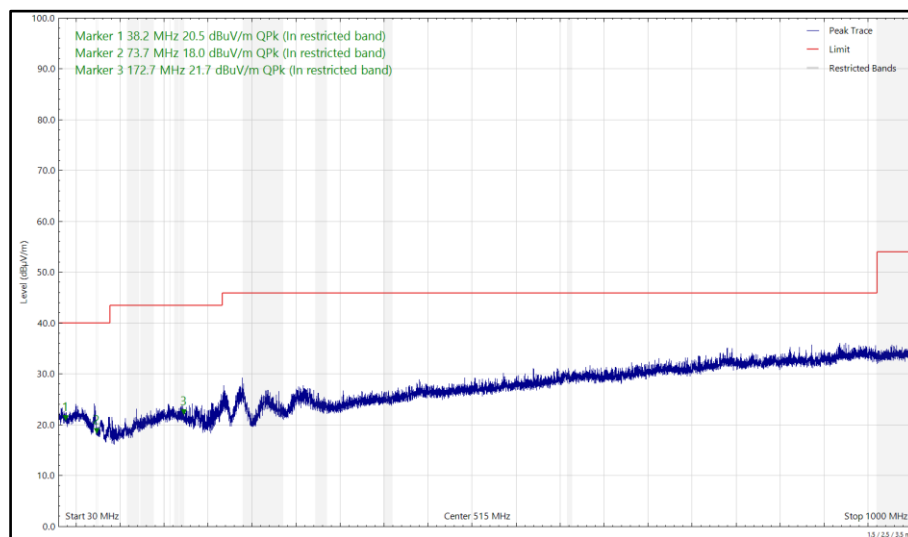


Figure 94 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 30 MHz to 1 GHz, Horizontal (Peak)

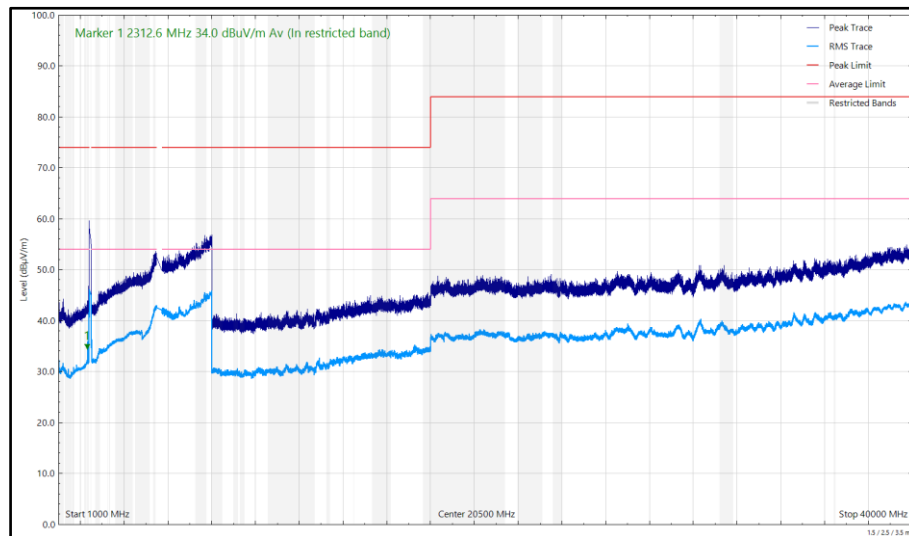


Figure 95 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 1 GHz to 40 GHz, Horizontal

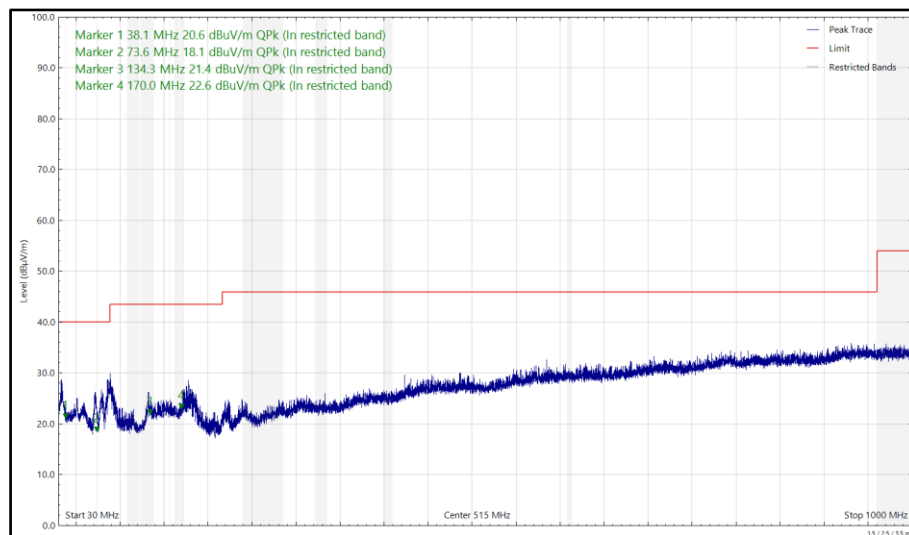


Figure 96 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 30 MHz to 1 GHz, Vertical (Peak)

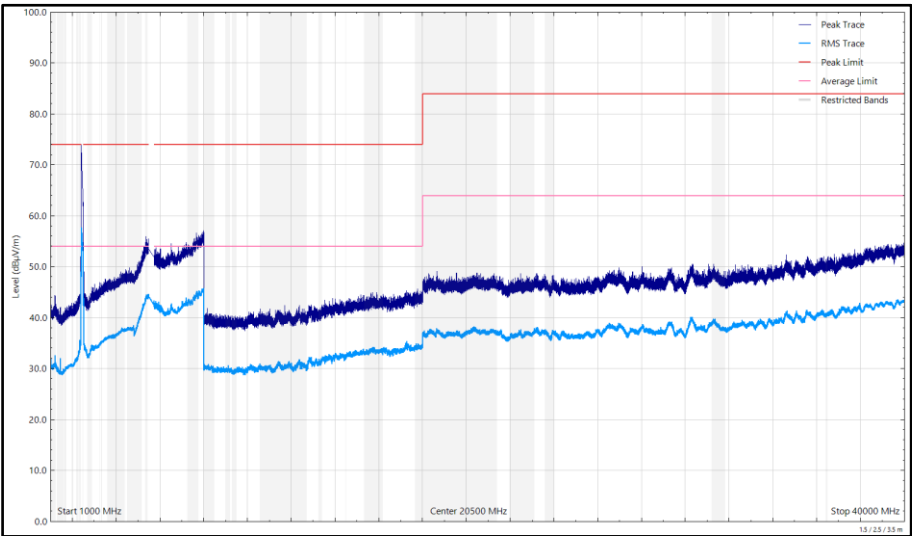


Figure 97 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 1 GHz to 40 GHz, Vertical

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 38

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
37.587	20.69	40.00	-19.31	Q-Peak	144	280	Horizontal
37.735	20.49	40.00	-19.51	Q-Peak	9	384	Vertical
73.058	18.13	40.00	-21.87	Q-Peak	277	264	Horizontal
73.539	18.01	40.00	-21.99	Q-Peak	152	391	Vertical
132.154	20.72	43.50	-22.78	Q-Peak	330	168	Vertical
168.019	22.35	43.50	-21.15	Q-Peak	0	154	Vertical
169.087	21.98	43.50	-21.52	Q-Peak	8	390	Horizontal
2312.942	34.45	54.00	-19.55	CISPR Avg	179	176	Horizontal

Table 39 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

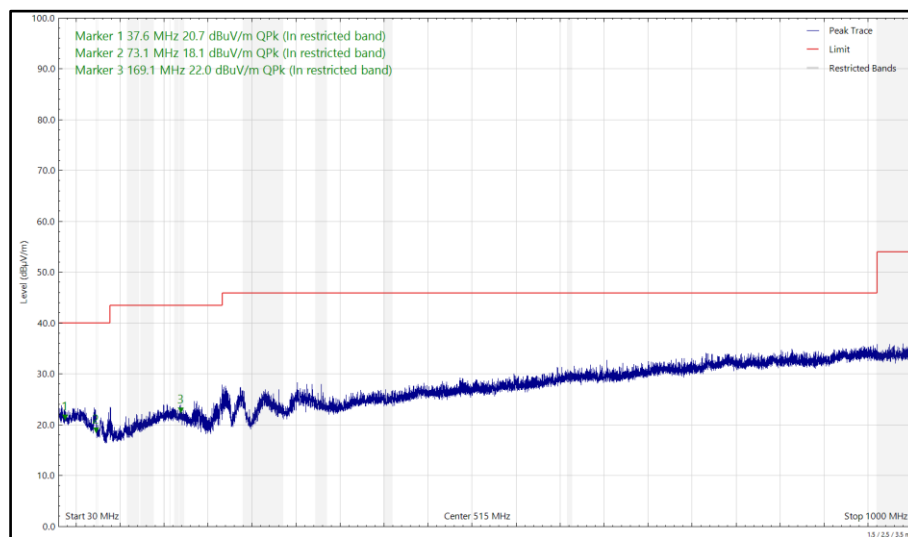


Figure 98 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 30 MHz to 1 GHz, Horizontal (Peak)

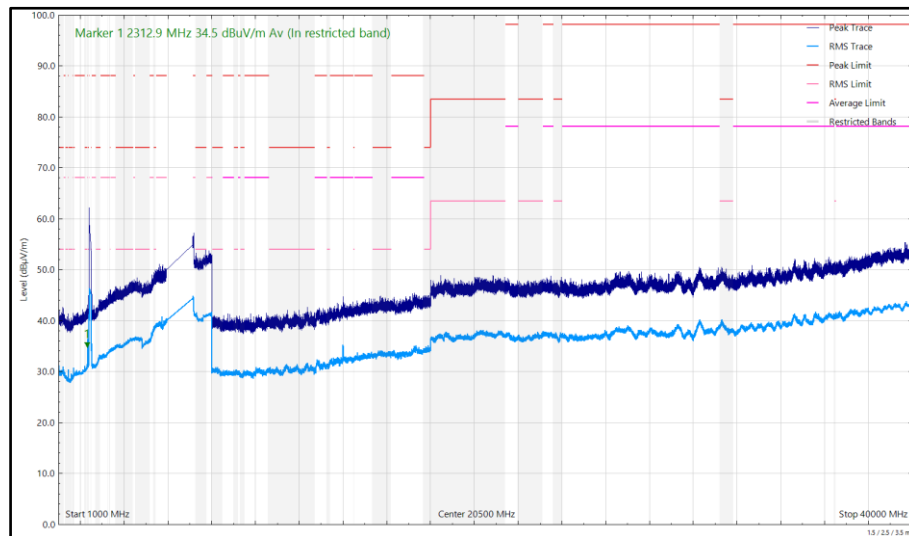


Figure 99 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 1 GHz to 40 GHz, Horizontal

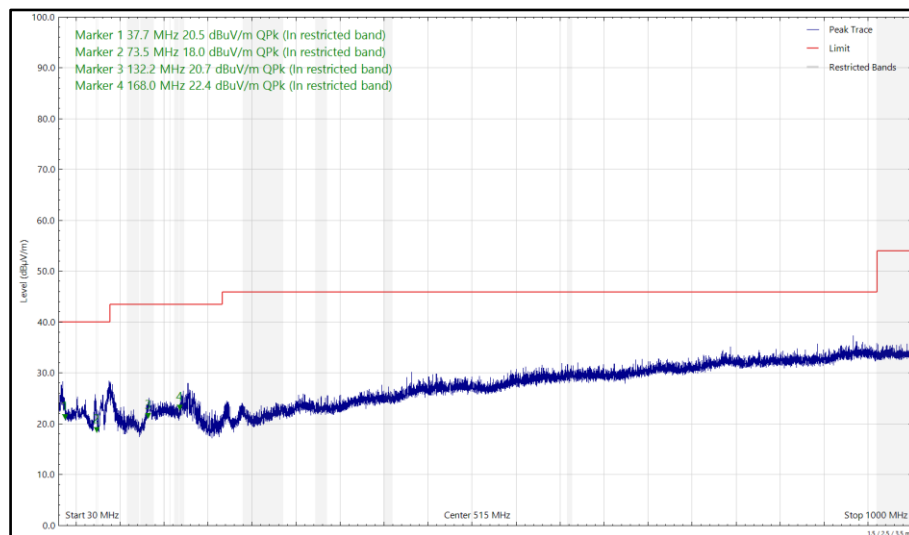


Figure 100 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 30 MHz to 1 GHz, Vertical (Peak)

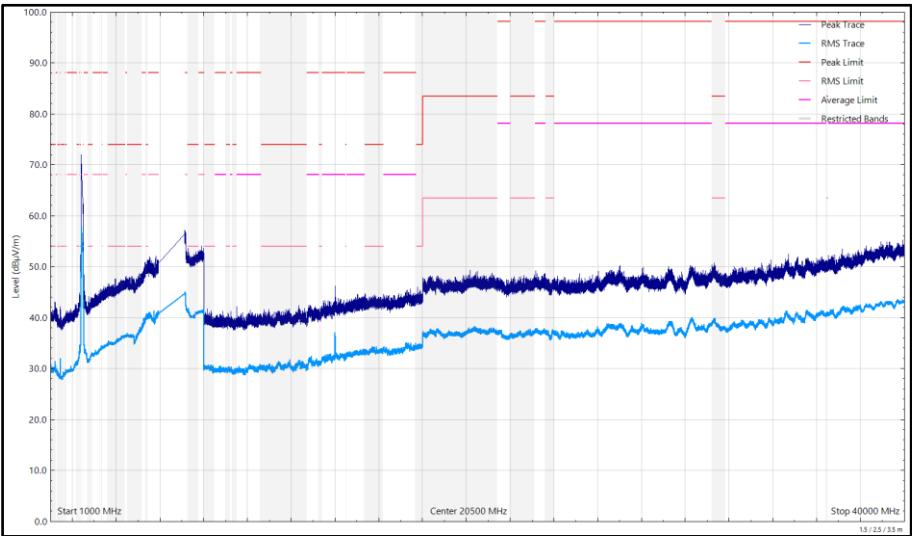


Figure 101 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 1 GHz to 40 GHz, Vertical

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 40

2.4 GHz WLAN and Thread and 5 GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
37.593	20.44	40.00	-19.56	Q-Peak	95	346	Vertical	
37.682	20.53	40.00	-19.47	Q-Peak	56	393	Horizontal	
73.228	18.48	40.00	-21.52	Q-Peak	280	163	Vertical	
73.765	17.98	40.00	-22.02	Q-Peak	95	304	Horizontal	
131.882	20.60	43.50	-22.90	Q-Peak	274	205	Vertical	
169.151	22.41	43.50	-21.09	Q-Peak	332	135	Vertical	
169.460	22.02	43.50	-21.48	Q-Peak	174	262	Horizontal	
2312.802	34.67	54.00	-19.33	RMS	344	100	Horizontal	

Table 41 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, iPA, Core 2, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

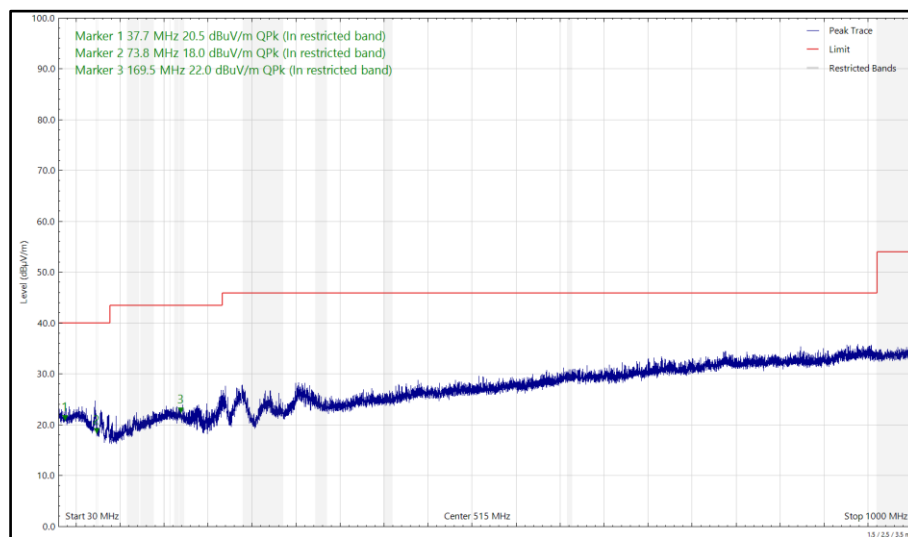


Figure 102 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, iPA, Core 2, 30 MHz to 1 GHz, Horizontal (Peak)

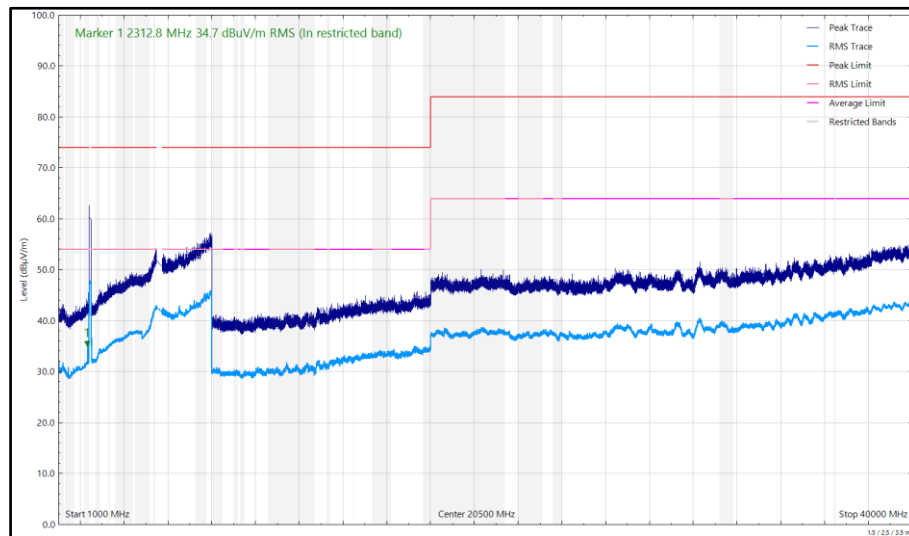


Figure 103 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, iPA, Core 2, 1 GHz to 40 GHz, Horizontal

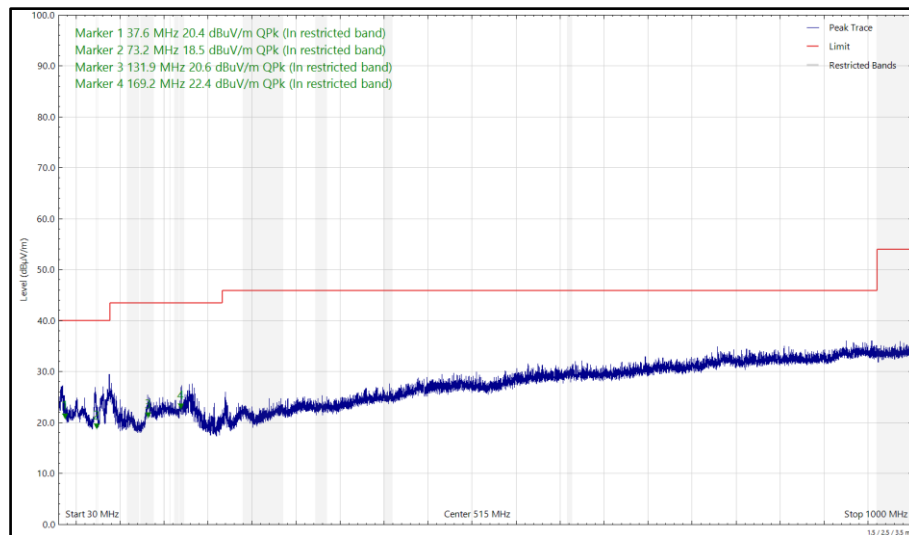


Figure 104 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, iPA, Core 2, 30 MHz to 1 GHz, Vertical (Peak)

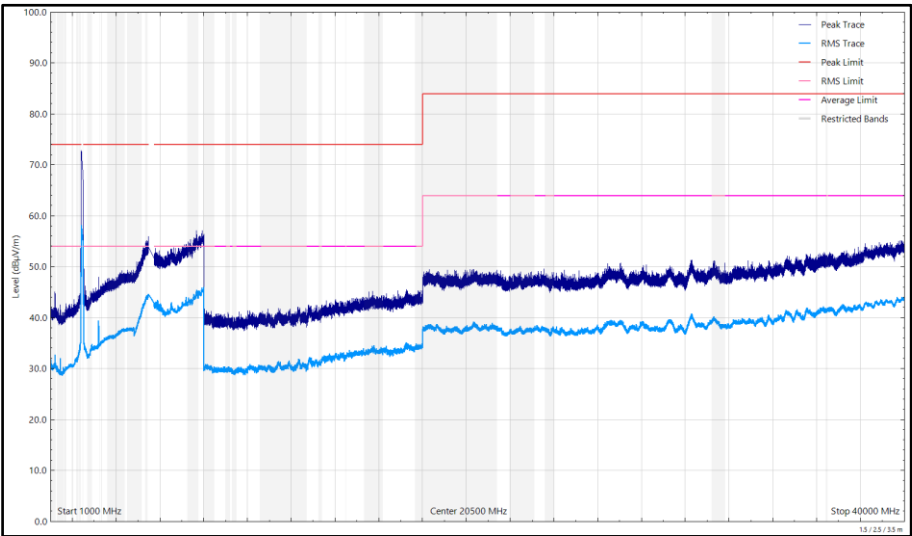


Figure 105 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, iPA, Core 2, 1 GHz to 40 GHz, Vertical

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 42

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
37.599	20.52	40.00	-19.48	Q-Peak	73	400	Vertical
38.170	20.44	40.00	-19.56	Q-Peak	350	400	Horizontal
73.206	18.13	40.00	-21.87	Q-Peak	175	352	Horizontal
73.214	18.32	40.00	-21.68	Q-Peak	103	103	Vertical
133.581	20.40	43.50	-23.10	Q-Peak	259	255	Vertical
163.788	22.11	43.50	-21.39	Q-Peak	67	234	Horizontal
168.900	22.03	43.50	-21.47	Q-Peak	41	271	Vertical
2312.722	35.41	54.00	-18.59	RMS	170	177	Horizontal

Table 43 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, iPA, Core 2, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

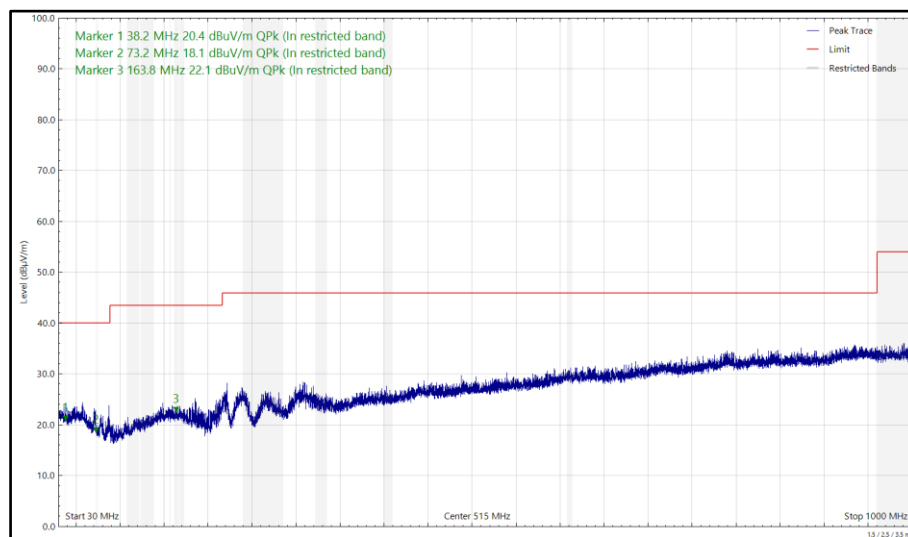


Figure 106 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, iPA, Core 2, 30 MHz to 1 GHz, Horizontal (Peak)

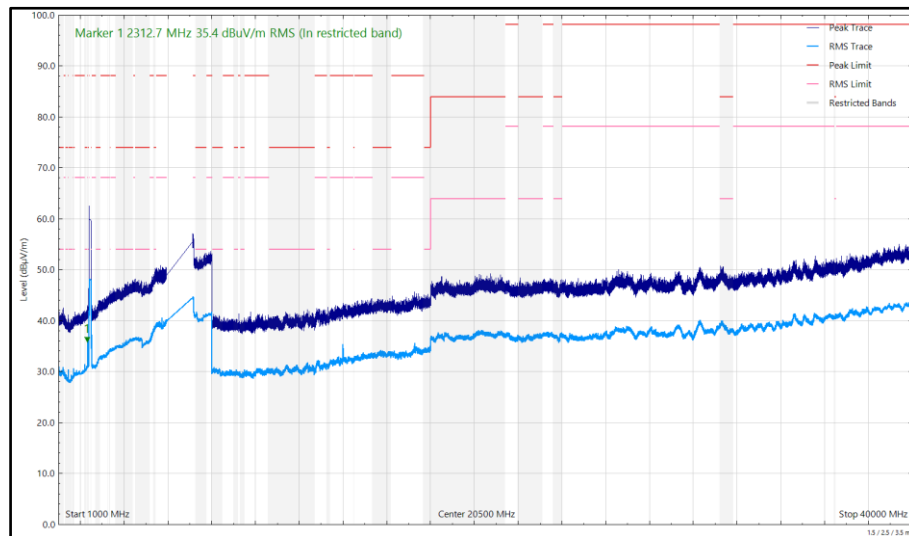


Figure 107 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, iPA, Core 2, 1 GHz to 40 GHz, Horizontal

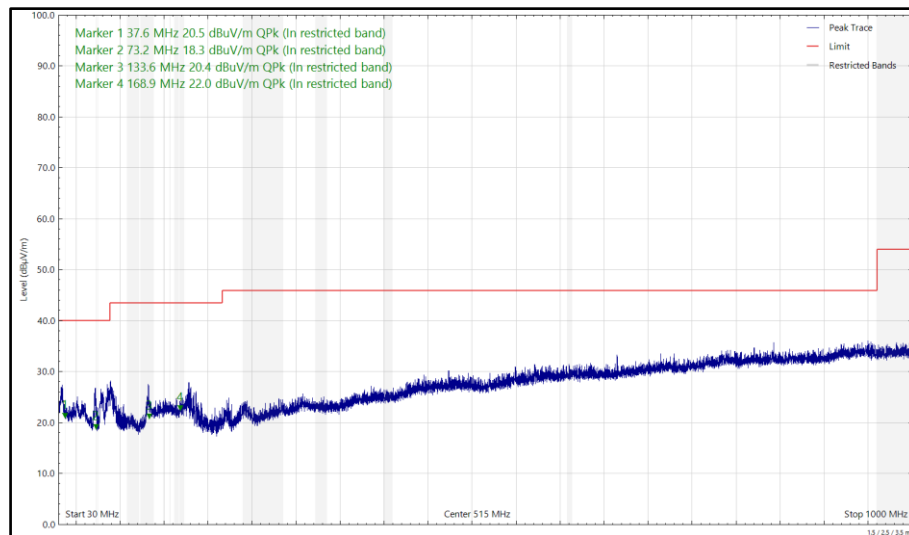


Figure 108 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, iPA, Core 2, 30 MHz to 1 GHz, Vertical (Peak)

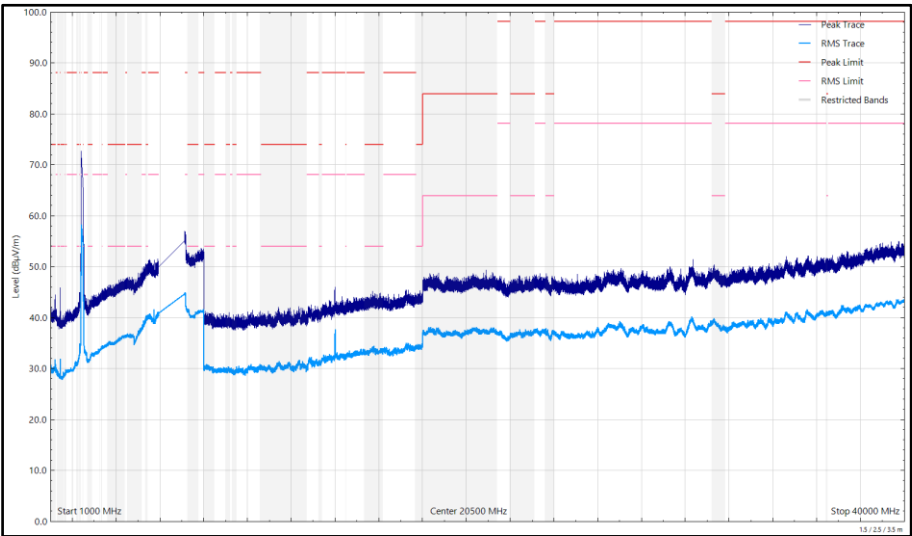


Figure 109 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, iPA, Core 2, 1 GHz to 40 GHz, Vertical

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 44



2.1.8 Test Location and Test Equipment Used

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

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.6	5125	-	TU
EMI Test Receiver	Rohde & Schwarz	ESW44	5911	12	29-Oct-2026
DRG Horn Antenna (7.5-18GHz)	Schwarzbeck	HWRD750	5940	12	18-May-2026
TRILOG Super Broadband Test Antenna	Schwarzbeck	VULB 9168	5944	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
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
8GHz Highpass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6195	12	23-Apr-2026
Pre Amp 8 - 18 GHz	Wright Technologies	APS06 0061	6198	12	09-Jun-2026
Attenuator 4dB	Pasternack	PE7074-4	6203	24	03-Jan-2027
Cable (SMA to SMA 20cm)	TUV SUD	MH-FH 8-18	6214	12	23-Apr-2026
EMI Test Receiver	Rohde & Schwarz	ESW44	6294	12	24-Feb-2026
USB Spectrum Analyser	Signal Hound	SA124B	6295	-	TU
USB Spectrum Analyser	Signal Hound	SA124B	6298	-	TU
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	6323	12	27-Apr-2026
Digital Multimeter	Fluke	115	6345	12	24-Jul-2026
Humidity and Temperature Meter	R.S Components	1364	6346	12	13-Mar-2026
1m Coaxial Cable Assy	Junkosha	MWX221-01000AMSAMS/A	6354	12	15-Apr-2026
3m Semi-Anechoic Chamber	Albatross Projects	Chamber 18	6597	36	08-May-2028
AC Power Supply	iTech	IT7324	6657	-	TU
3m Semi-Anechoic Chamber	Albatross Projects	RF Chamber 17	6658	36	07-May-2028
Mast and Turntable Controller	Maturo Gmbh	FCU3.0	6659	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6660	-	TU
Turntable	Maturo Gmbh	TT1.5SI	6661	-	TU
Turntable	Maturo Gmbh	TT1.5SI	6797	-	TU



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
AC Programmable Power Supply	iTech	IT7324	6812	-	TU
Broad-Band Horn Antenna 1-10GHz N	Schwarzbeck	BBHA9120B	6825	12	14-Sep-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6846	12	23-Oct-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6850	12	23-Oct-2026
Cable Assembly	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
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6886	12	02-Dec-2026
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6975	12	05-Apr-2026
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6979	12	05-Apr-2026

Table 45

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 46

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.