

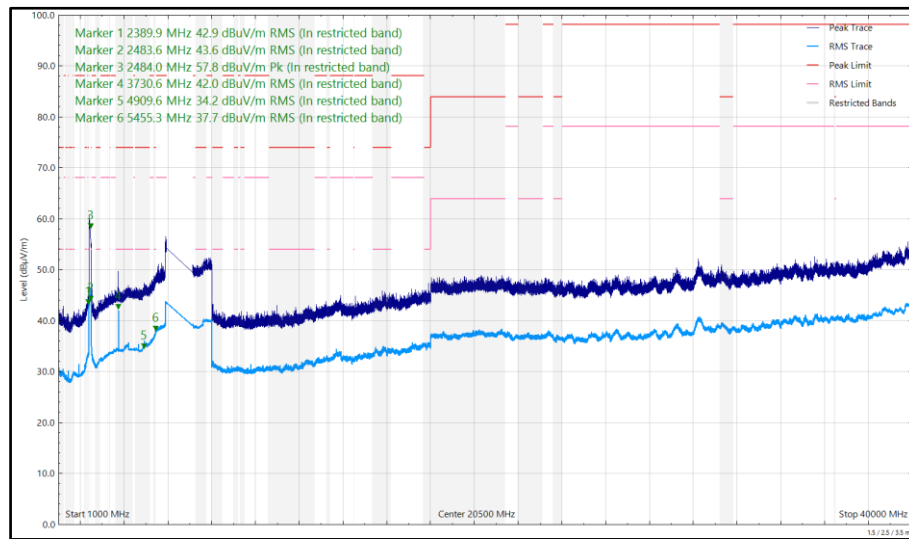


Figure 105 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.903	28.70	40.00	-11.30	Q-Peak	304	100	Vertical
38.207	20.37	40.00	-19.63	Q-Peak	252	110	Horizontal
73.047	20.26	40.00	-19.74	Q-Peak	81	107	Vertical
108.280	24.49	43.50	-19.01	Q-Peak	96	122	Vertical
129.659	20.51	43.50	-22.99	Q-Peak	354	350	Horizontal
165.650	23.06	43.50	-20.44	Q-Peak	346	243	Horizontal
249.458	21.79	46.00	-24.21	Q-Peak	260	100	Vertical
334.437	22.31	46.00	-23.69	Q-Peak	328	303	Horizontal
2388.521	56.01	74.00	-17.99	Peak	354	346	Vertical
2389.864	38.43	54.00	-15.57	RMS	309	371	Horizontal
2389.976	43.77	54.00	-10.23	RMS	360	264	Vertical
2483.514	43.82	54.00	-10.18	RMS	354	367	Vertical
2483.521	38.50	54.00	-15.50	RMS	303	366	Horizontal
2483.582	55.19	74.00	-18.81	Peak	350	266	Vertical
4639.440	35.80	54.00	-18.20	RMS	345	314	Vertical
5455.581	36.75	54.00	-17.25	RMS	49	335	Horizontal
5457.946	37.82	54.00	-16.18	RMS	15	326	Vertical

Table 39 - 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 to 40 GHz

No other emissions found within 12 dB of the limit.

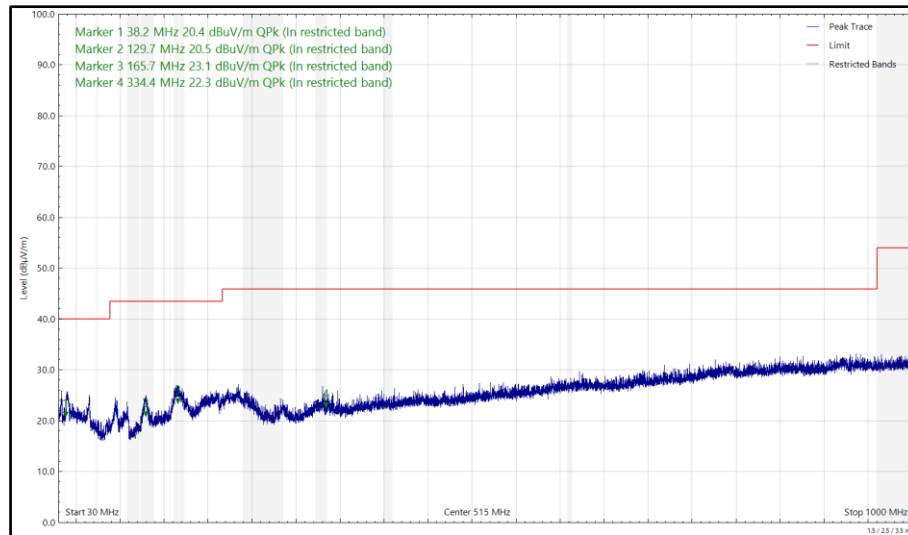


Figure 106 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

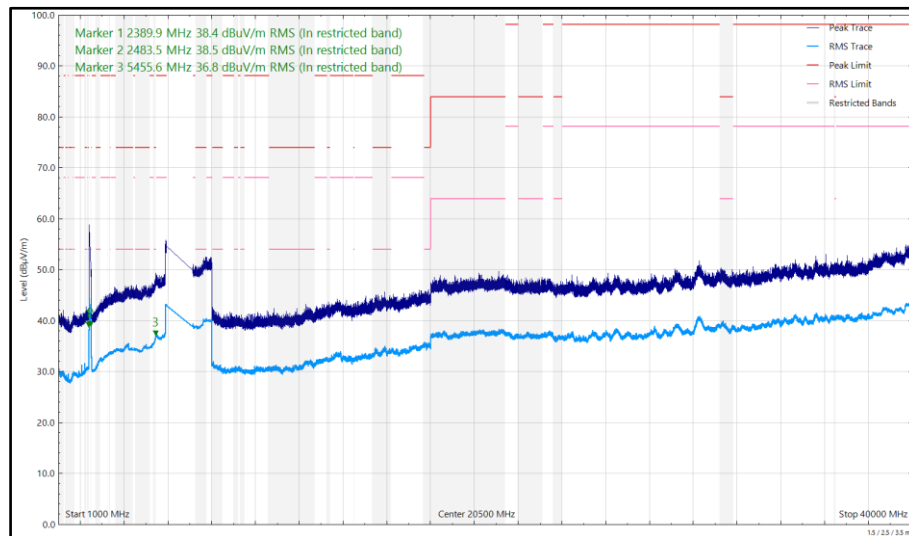


Figure 107 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

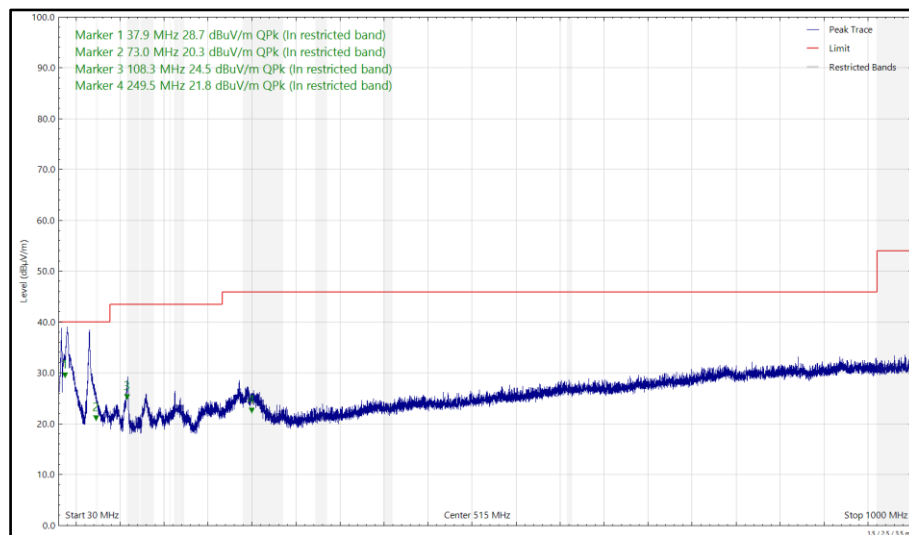


Figure 108 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

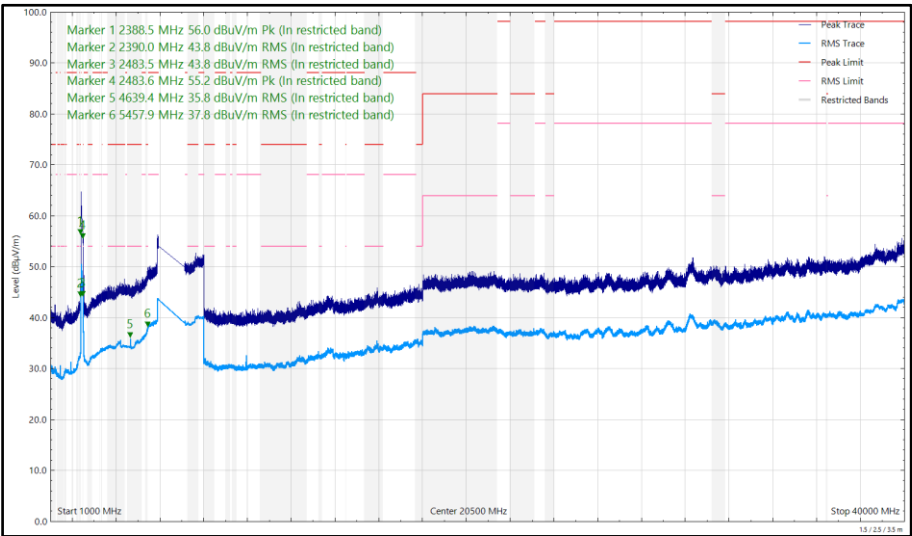


Figure 109 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

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
37.523	20.00	40.00	-20.00	Q-Peak	198	259	Vertical
37.526	19.92	40.00	-20.08	Q-Peak	112	367	Horizontal
73.208	18.10	40.00	-21.90	Q-Peak	7	390	Horizontal
73.373	28.03	40.00	-11.97	Q-Peak	179	109	Vertical
108.327	28.70	43.50	-14.80	Q-Peak	119	112	Vertical
124.491	23.01	43.50	-20.49	Q-Peak	11	342	Horizontal
132.550	19.76	43.50	-23.74	Q-Peak	302	107	Vertical
173.037	27.25	43.50	-16.25	Q-Peak	156	103	Vertical
173.169	25.51	43.50	-17.99	Q-Peak	43	114	Horizontal
258.331	30.05	46.00	-15.95	Q-Peak	335	144	Horizontal
262.735	25.18	46.00	-20.82	Q-Peak	159	100	Vertical
4895.861	33.06	54.00	-20.94	CISPR Avg	208	168	Horizontal
4900.477	40.29	54.00	-13.71	CISPR Avg	347	322	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.

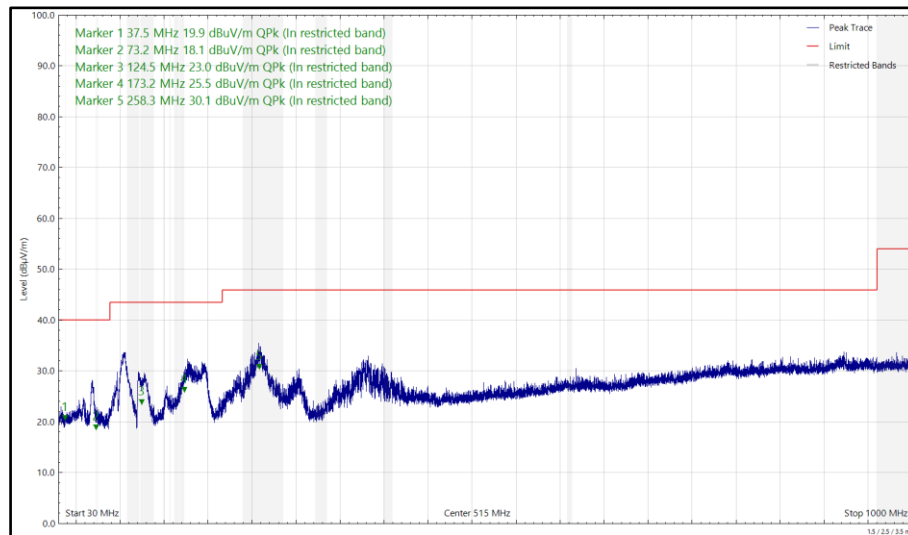


Figure 110 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

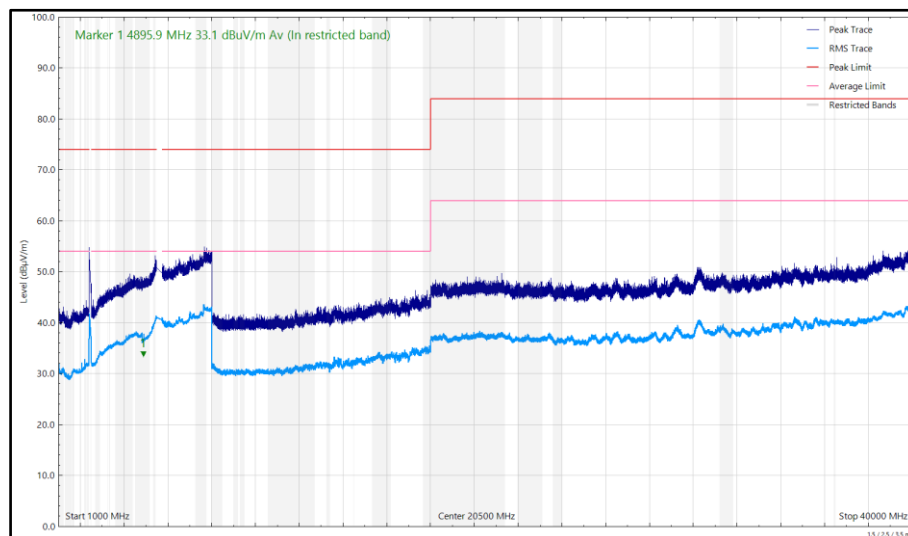


Figure 111 - 2437 MHz (CH6), HT20, Core 0 and 5640MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

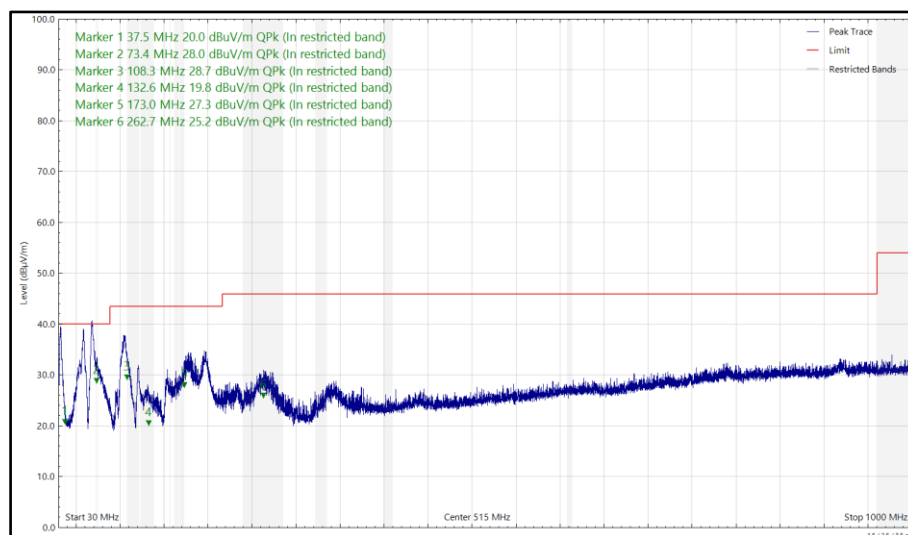


Figure 112 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

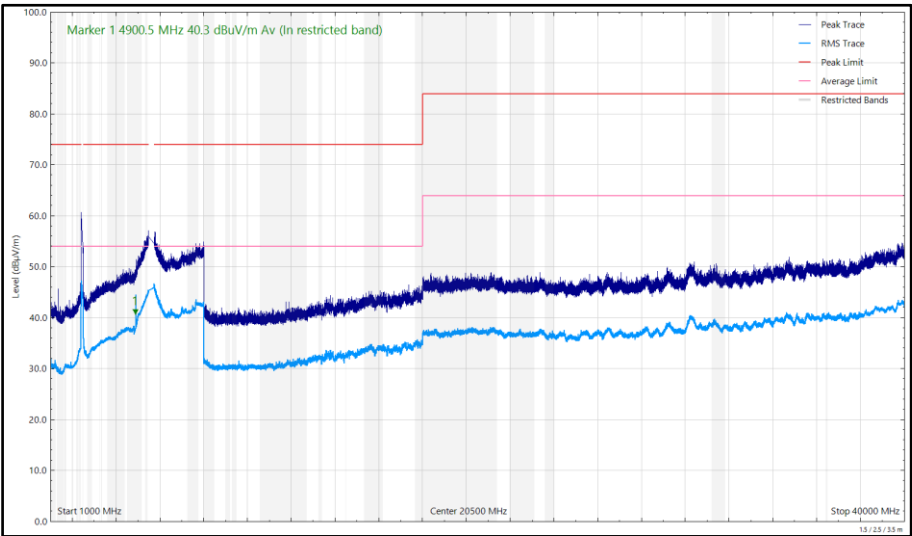


Figure 113 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.537	19.92	40.00	-20.08	Q-Peak	311	390	Horizontal
37.608	20.05	40.00	-19.95	Q-Peak	97	400	Vertical
73.269	18.45	40.00	-21.55	Q-Peak	4	264	Horizontal
73.307	28.70	40.00	-11.30	Q-Peak	39	116	Vertical
108.234	29.77	43.50	-13.73	Q-Peak	105	100	Vertical
121.391	25.27	43.50	-18.23	Q-Peak	22	306	Horizontal
131.884	21.75	43.50	-21.75	Q-Peak	166	110	Vertical
172.569	24.89	43.50	-18.61	Q-Peak	50	252	Horizontal
172.753	27.15	43.50	-16.35	Q-Peak	166	100	Vertical
257.395	30.83	46.00	-15.17	Q-Peak	192	100	Horizontal
264.813	24.78	46.00	-21.22	Q-Peak	169	110	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.

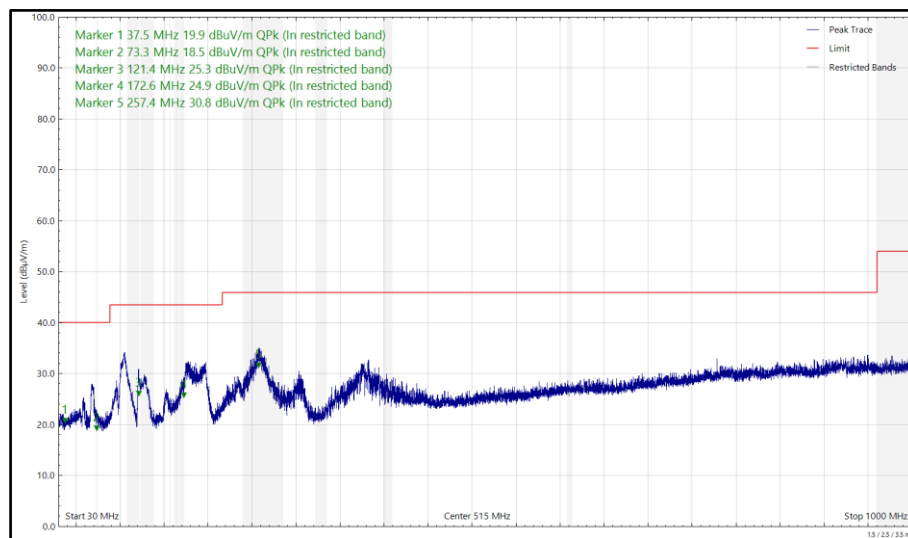


Figure 114 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

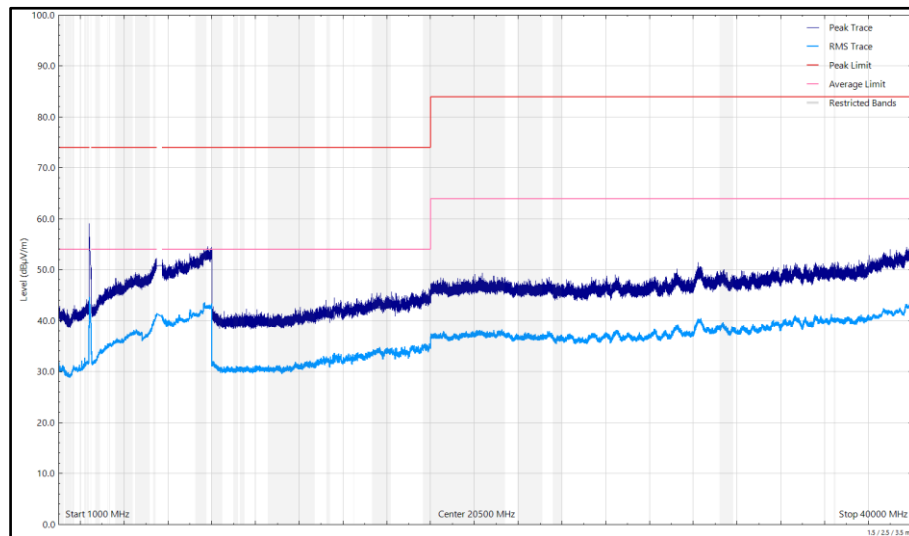


Figure 115 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

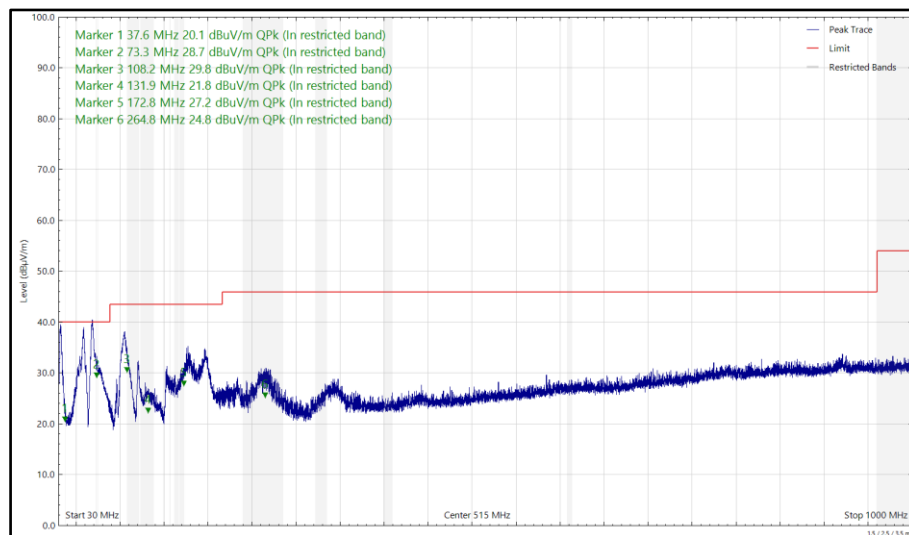


Figure 116 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

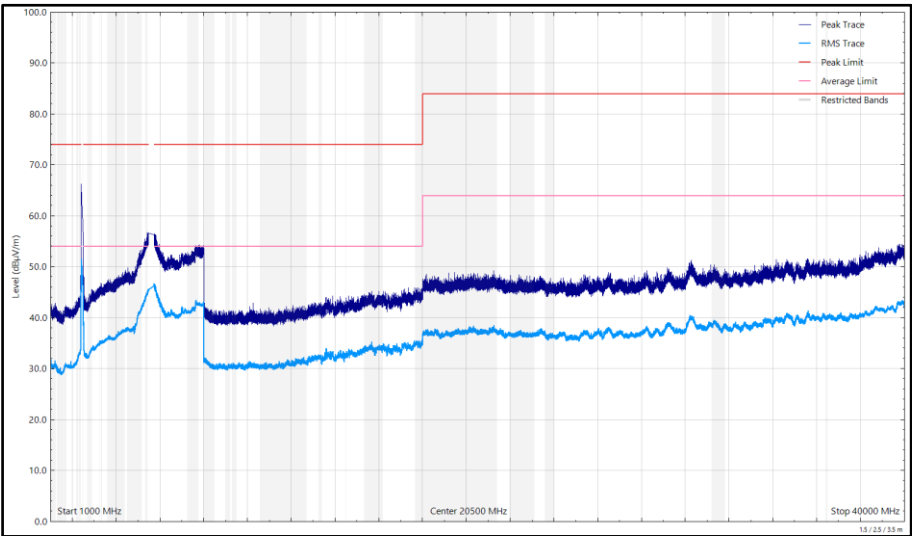


Figure 117 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 1 GHz to 40 GHz, Vertical

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

SimTx - 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
37.877	20.04	40.00	-19.96	Q-Peak	309	389	Horizontal
73.008	28.88	40.00	-11.12	Q-Peak	44	102	Vertical
73.390	18.39	40.00	-21.61	Q-Peak	133	394	Horizontal
108.056	28.46	43.50	-15.04	Q-Peak	119	161	Vertical
120.958	25.06	43.50	-18.44	Q-Peak	32	309	Horizontal
135.456	21.01	43.50	-22.49	Q-Peak	167	113	Vertical
171.247	23.92	43.50	-19.58	Q-Peak	54	266	Horizontal
172.418	26.42	43.50	-17.08	Q-Peak	133	100	Vertical
259.784	29.68	46.00	-16.32	Q-Peak	185	123	Horizontal
262.205	24.75	46.00	-21.25	Q-Peak	160	104	Vertical
331.979	22.11	46.00	-23.89	Q-Peak	8	247	Vertical
4762.976	31.74	54.00	-22.26	CISPR Avg	269	207	Vertical
4900.225	39.77	54.00	-14.23	CISPR Avg	350	308	Vertical
4905.623	30.82	54.00	-23.18	CISPR Avg	36	214	Horizontal

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.

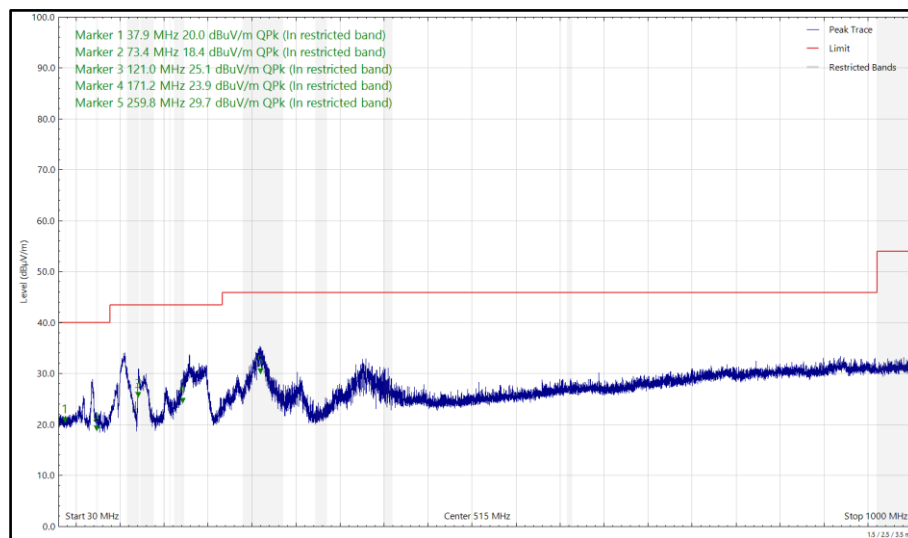


Figure 118 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

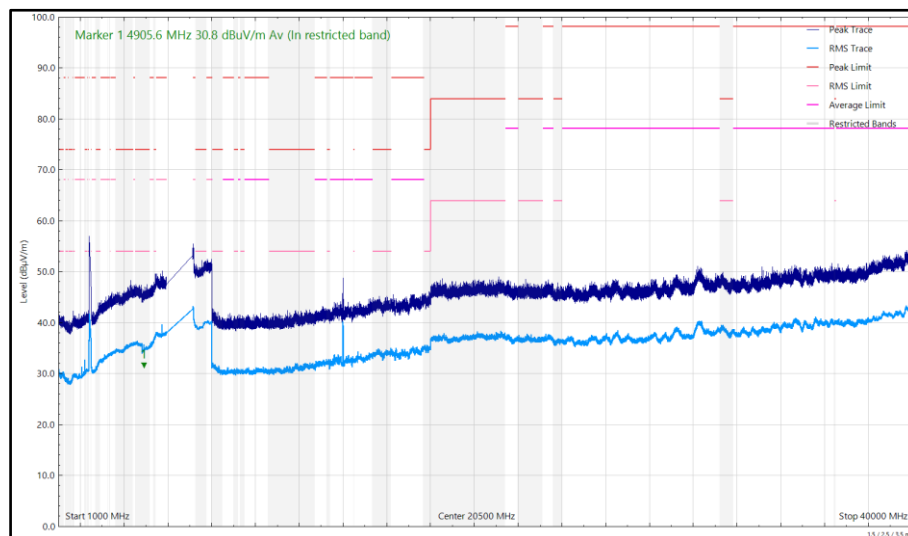


Figure 119 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

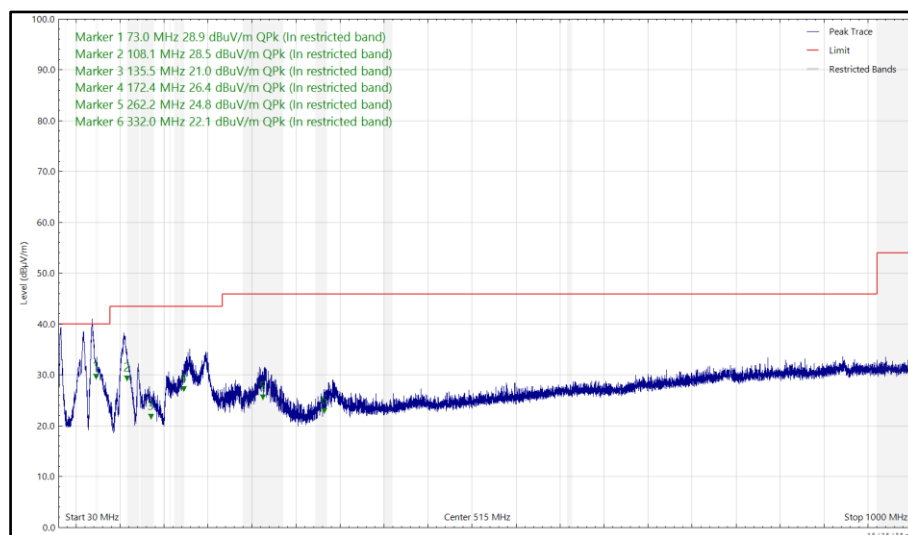


Figure 120 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

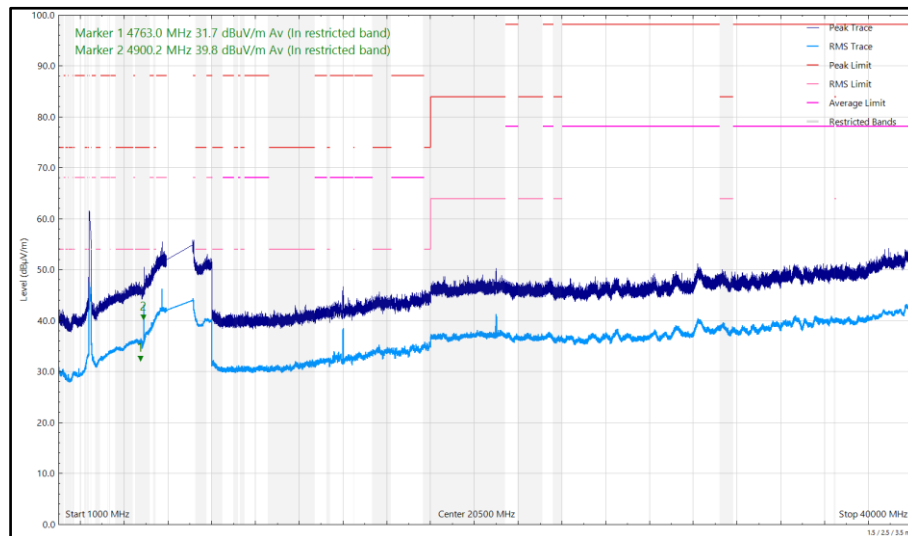


Figure 121 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.643	20.04	40.00	-19.96	Q-Peak	30	254	Vertical
73.192	29.09	40.00	-10.91	Q-Peak	104	100	Vertical
73.682	18.27	40.00	-21.73	Q-Peak	187	340	Horizontal
108.052	30.08	43.50	-13.42	Q-Peak	125	103	Vertical
121.383	24.73	43.50	-18.77	Q-Peak	202	273	Horizontal
171.187	25.13	43.50	-18.37	Q-Peak	51	145	Horizontal
172.828	27.08	43.50	-16.42	Q-Peak	140	100	Vertical
259.074	30.50	46.00	-15.50	Q-Peak	330	140	Horizontal
262.840	25.39	46.00	-20.61	Q-Peak	159	100	Vertical
977.417	32.17	54.00	-21.83	Q-Peak	64	363	Vertical
4899.670	34.10	54.00	-19.90	CISPR Avg	347	295	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 6 dB of the limit.

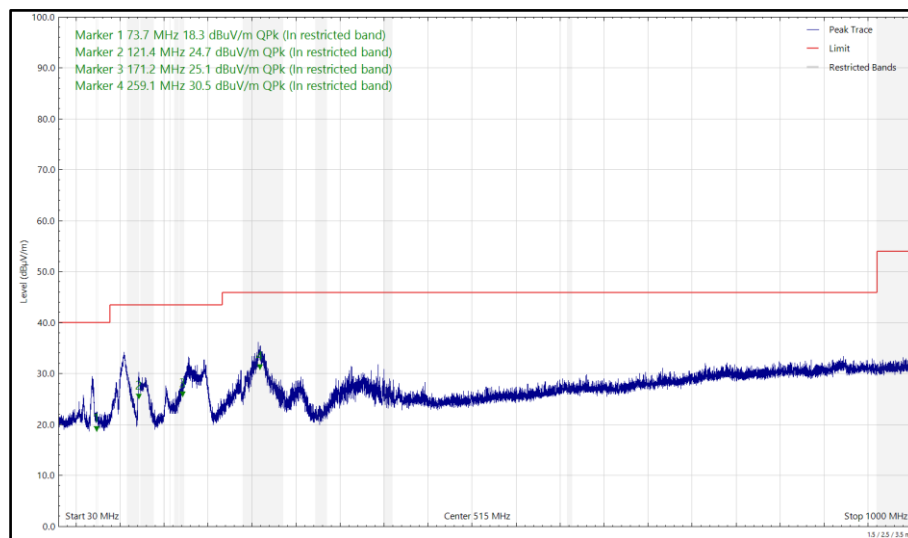


Figure 122 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

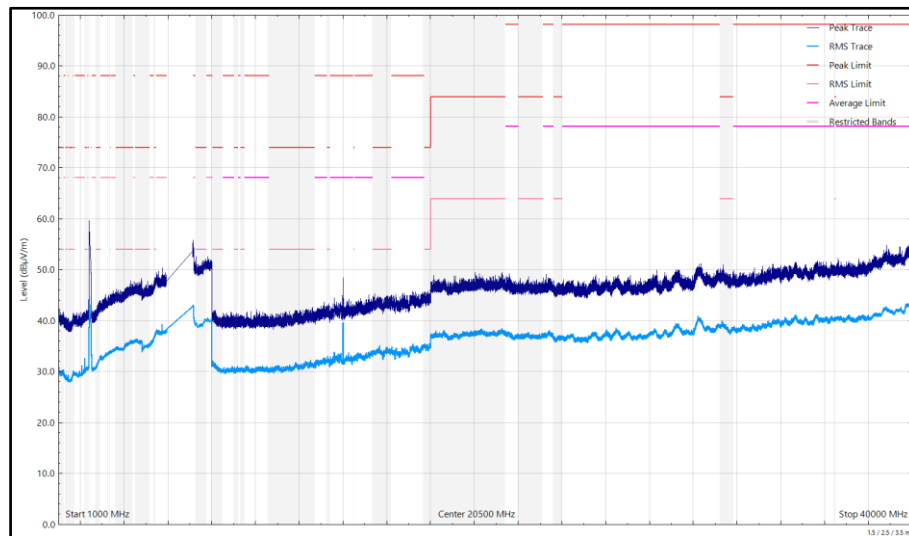


Figure 123 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

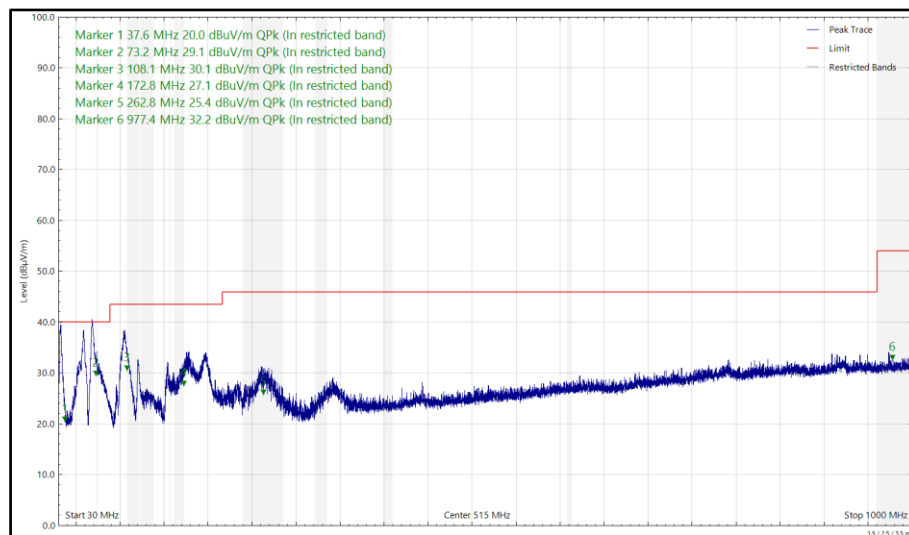


Figure 124 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

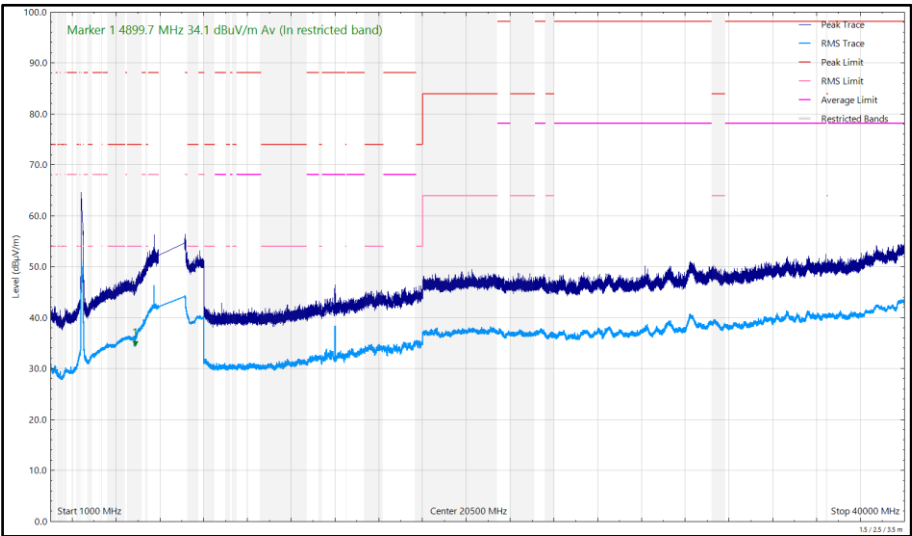


Figure 125 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, ePA, Core 0, 1 GHz to 40 GHz, Vertical

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 (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.679	26.41	40.00	-13.59	Q-Peak	213	100	Vertical
73.255	18.25	40.00	-21.75	Q-Peak	199	159	Vertical
109.424	25.91	43.50	-17.59	Q-Peak	0	260	Horizontal
110.091	33.01	43.50	-10.49	Q-Peak	183	112	Vertical
110.293	27.39	43.50	-16.11	Q-Peak	165	265	Horizontal
131.970	20.33	43.50	-23.17	Q-Peak	357	390	Horizontal
135.796	22.83	43.50	-20.67	Q-Peak	109	104	Vertical
163.635	20.58	43.50	-22.92	Q-Peak	350	376	Horizontal
163.873	22.00	43.50	-21.50	Q-Peak	237	116	Vertical
172.920	21.99	43.50	-21.51	Q-Peak	27	259	Horizontal
265.017	25.34	46.00	-20.66	Q-Peak	98	100	Horizontal
265.884	24.89	46.00	-21.11	Q-Peak	299	102	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.

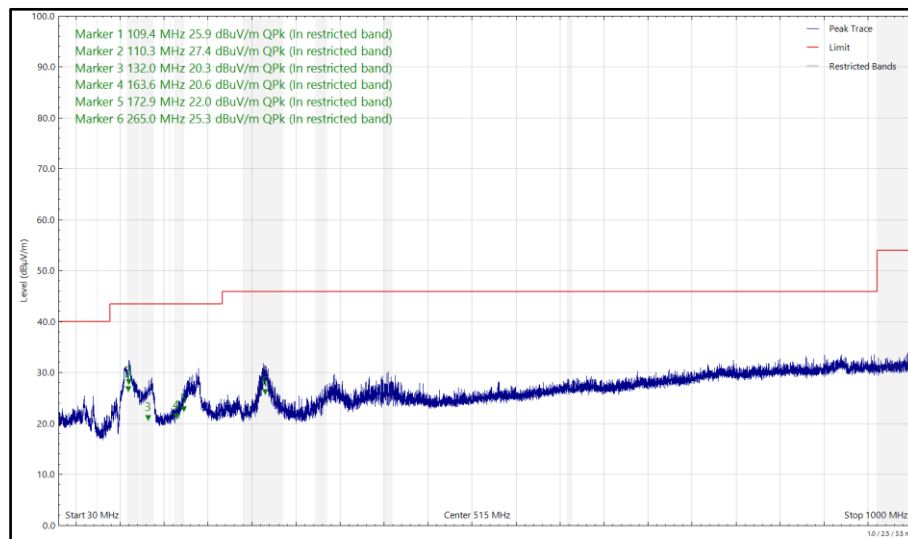


Figure 126 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

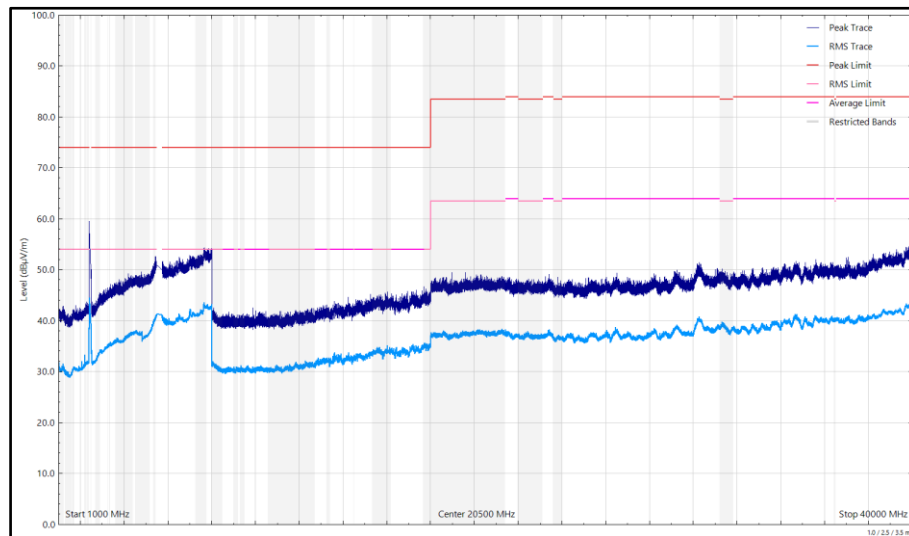


Figure 127 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

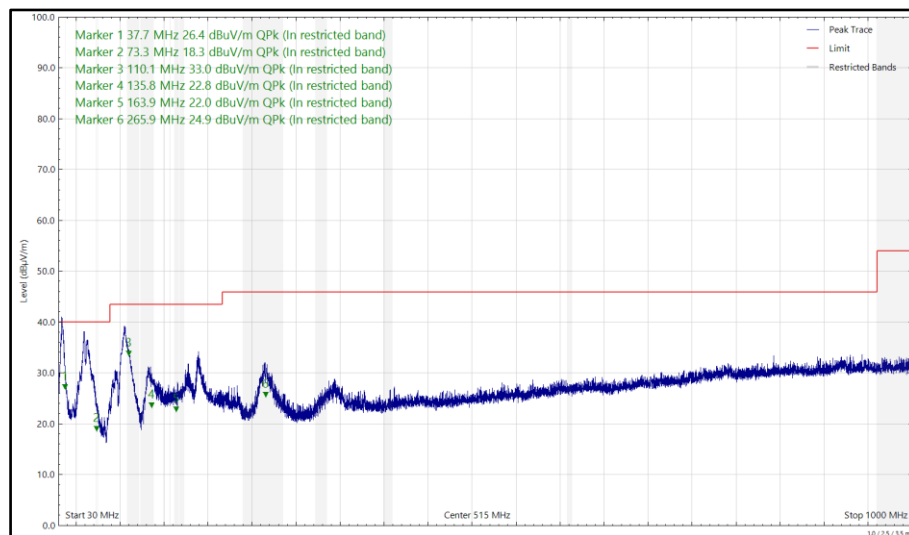


Figure 128 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

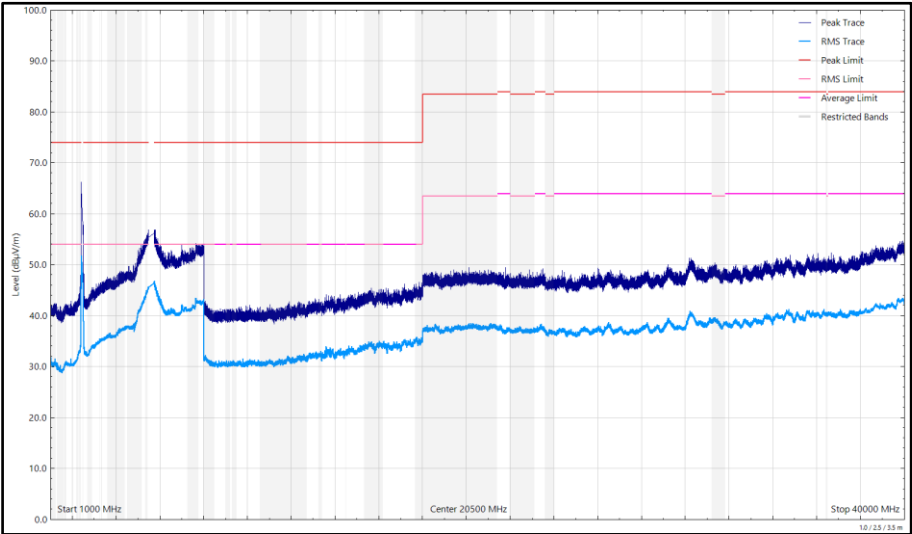


Figure 129 - 2437 MHz (CH6), HT20, Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.533	19.85	40.00	-20.15	Q-Peak	69	386	Vertical
38.119	19.87	40.00	-20.13	Q-Peak	207	400	Horizontal
73.157	18.11	40.00	-21.89	Q-Peak	302	343	Horizontal
73.216	28.92	40.00	-11.08	Q-Peak	173	100	Vertical
108.075	29.23	43.50	-14.27	Q-Peak	109	111	Vertical
121.062	25.29	43.50	-18.21	Q-Peak	24	256	Horizontal
123.213	21.77	43.50	-21.73	Q-Peak	122	100	Vertical
127.534	24.07	43.50	-19.43	Q-Peak	22	250	Horizontal
162.614	22.98	43.50	-20.52	Q-Peak	185	134	Vertical
171.977	26.19	43.50	-17.31	Q-Peak	146	125	Vertical
172.874	25.31	43.50	-18.19	Q-Peak	52	266	Horizontal
258.258	30.50	46.00	-15.50	Q-Peak	193	150	Horizontal
260.139	24.63	46.00	-21.37	Q-Peak	171	106	Vertical
404.175	24.92	46.00	-21.08	Q-Peak	201	100	Horizontal
4910.978	43.30	54.00	-10.70	RMS	343	357	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.

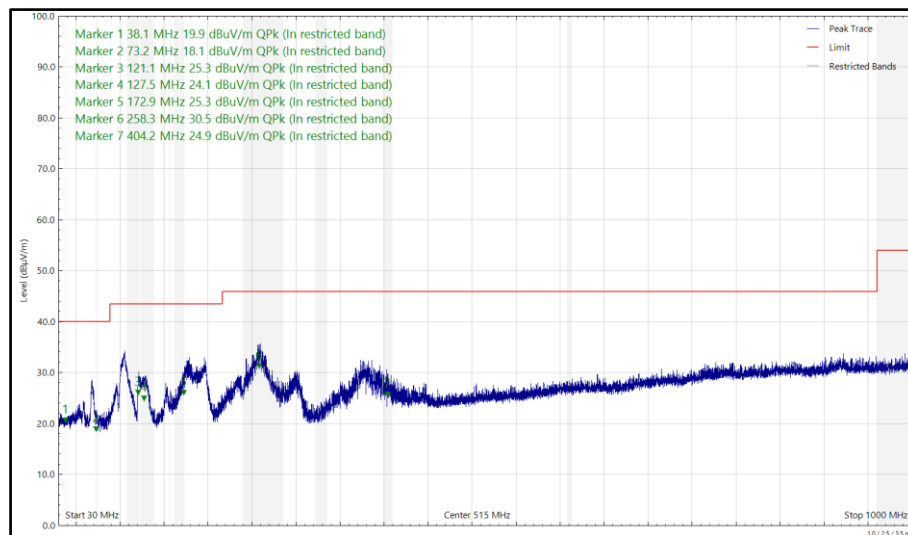


Figure 130 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

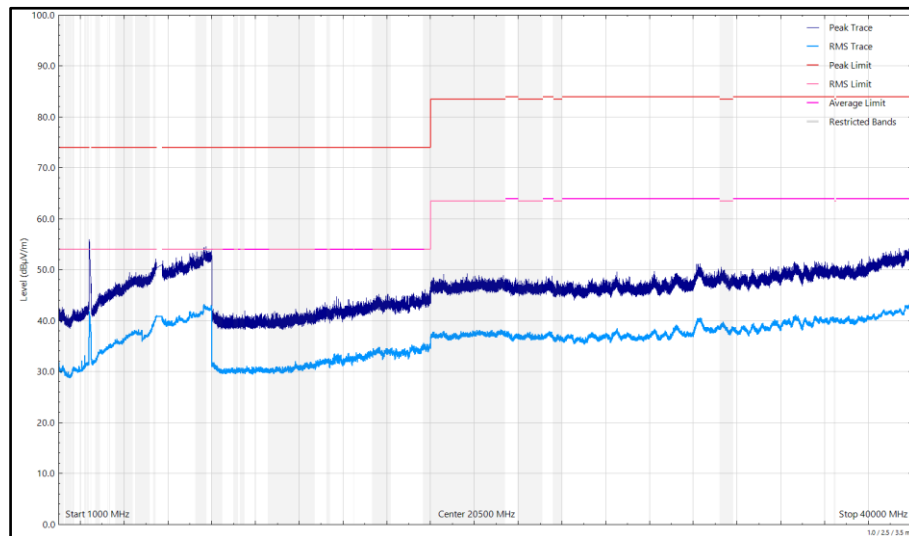


Figure 131 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

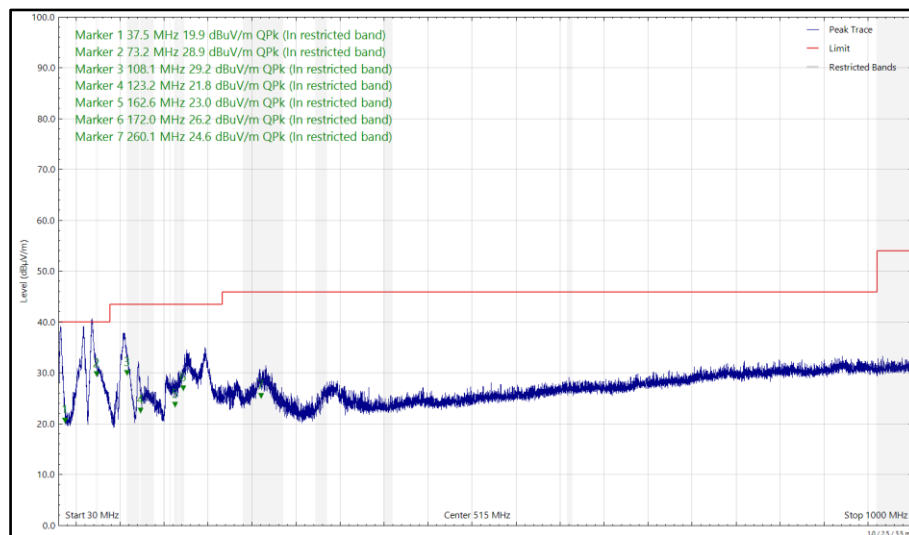


Figure 132 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

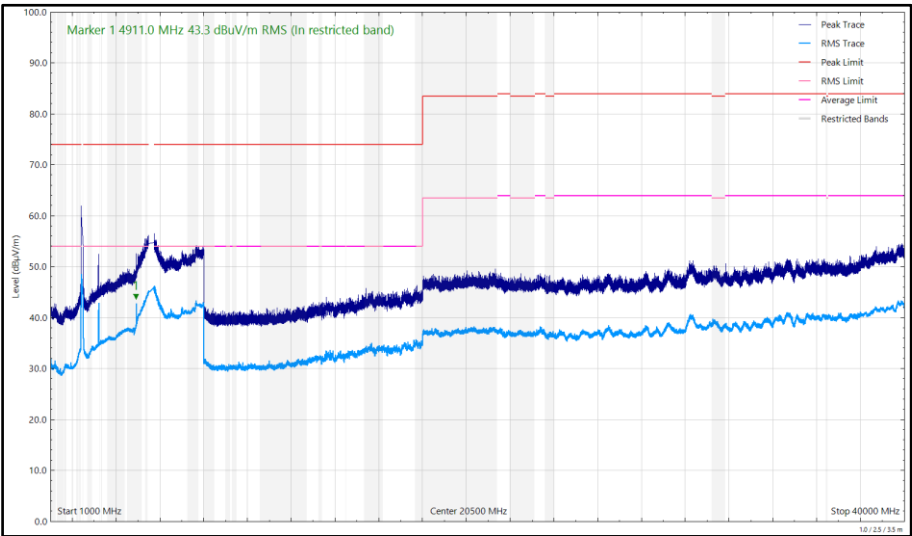


Figure 133 - 2437 MHz (CH6), HT20, Core 0 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, 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 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
37.906	19.98	40.00	-20.02	Q-Peak	127	360	Horizontal
37.988	20.02	40.00	-19.98	Q-Peak	124	385	Vertical
73.002	18.25	40.00	-21.75	Q-Peak	6	389	Horizontal
73.095	28.39	40.00	-11.61	Q-Peak	196	104	Vertical
108.122	25.12	43.50	-18.38	Q-Peak	6	257	Horizontal
108.424	28.34	43.50	-15.16	Q-Peak	291	100	Vertical
129.040	23.73	43.50	-19.77	Q-Peak	0	263	Horizontal
131.509	20.65	43.50	-22.85	Q-Peak	39	118	Vertical
172.424	25.44	43.50	-18.06	Q-Peak	38	125	Horizontal
172.507	26.68	43.50	-16.82	Q-Peak	171	105	Vertical
257.818	30.85	46.00	-15.15	Q-Peak	191	110	Horizontal
267.954	24.46	46.00	-21.54	Q-Peak	175	100	Vertical
335.341	22.79	46.00	-23.21	Q-Peak	31	137	Vertical
404.520	23.93	46.00	-22.07	Q-Peak	212	254	Horizontal

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.

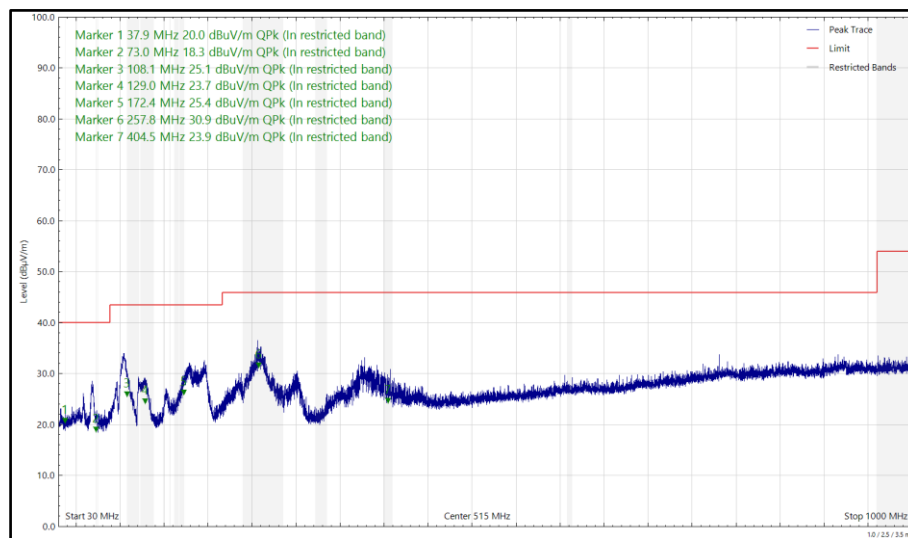


Figure 134 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

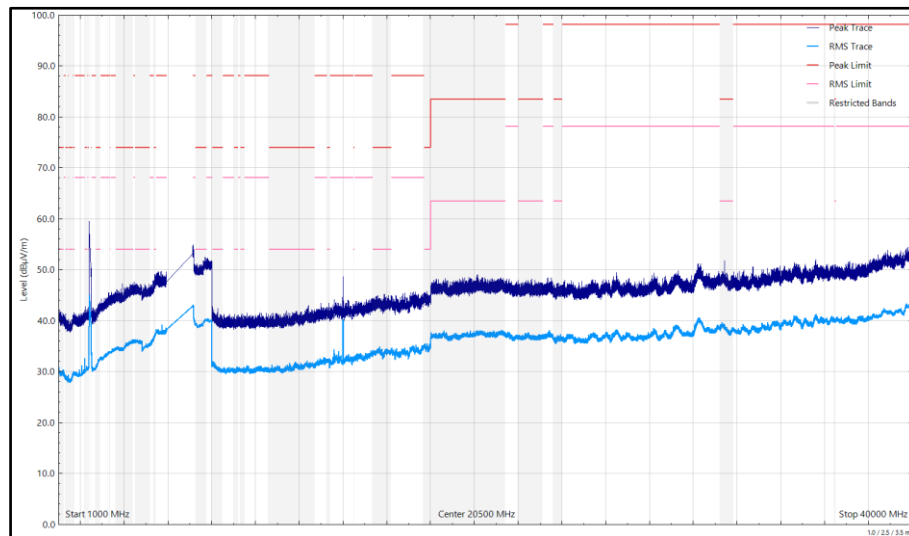


Figure 135 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

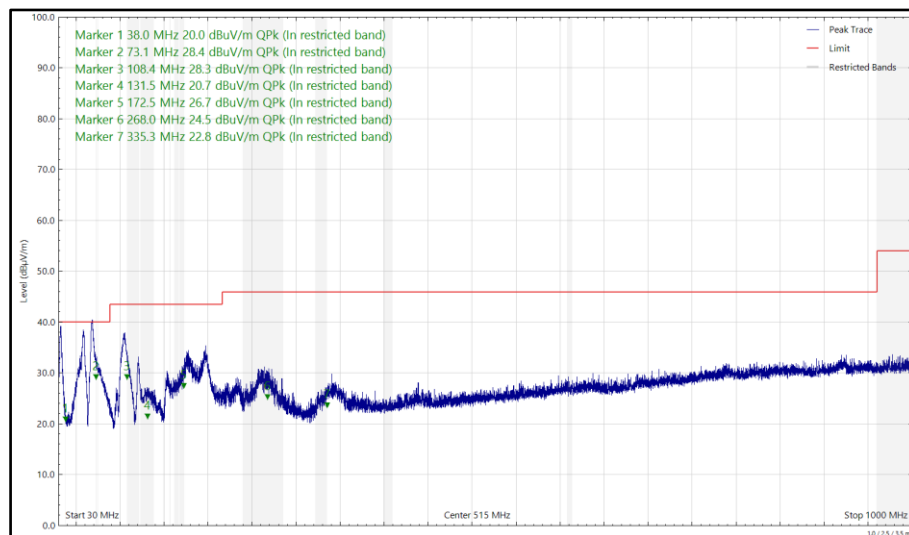


Figure 136 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

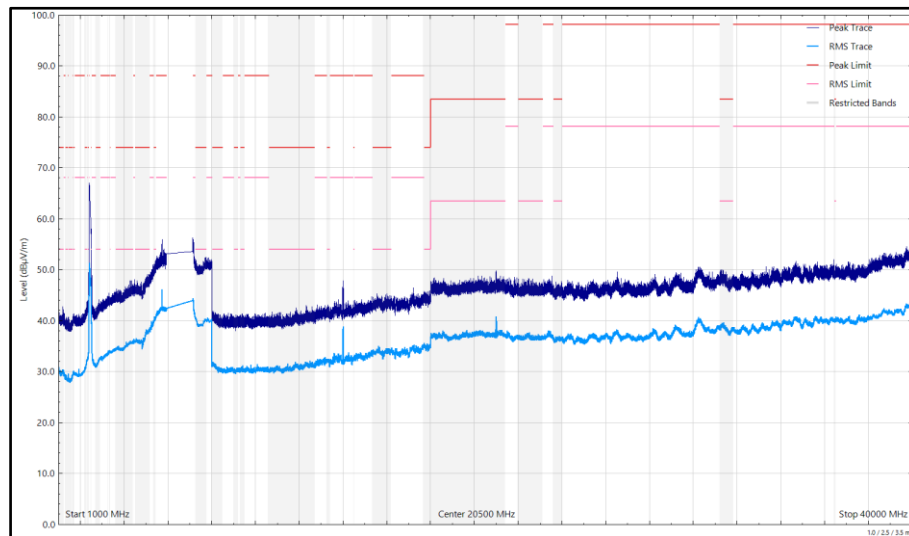


Figure 137 - 2437 MHz (CH6), HT20, Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.005	19.98	40.00	-20.02	Q-Peak	175	400	Horizontal
73.116	29.10	40.00	-10.90	Q-Peak	8	107	Vertical
73.116	18.12	40.00	-21.88	Q-Peak	291	304	Horizontal
108.016	25.19	43.50	-18.31	Q-Peak	358	316	Horizontal
108.123	29.63	43.50	-13.87	Q-Peak	130	100	Vertical
128.410	24.07	43.50	-19.43	Q-Peak	0	262	Horizontal
132.573	20.95	43.50	-22.55	Q-Peak	70	105	Vertical
171.001	26.02	43.50	-17.48	Q-Peak	159	108	Vertical
173.073	25.13	43.50	-18.37	Q-Peak	53	250	Horizontal
259.041	25.42	46.00	-20.58	Q-Peak	168	100	Vertical
259.126	30.72	46.00	-15.28	Q-Peak	335	131	Horizontal
335.395	23.26	46.00	-22.74	Q-Peak	0	155	Vertical
403.424	24.62	46.00	-21.38	Q-Peak	203	112	Horizontal
4909.056	34.66	54.00	-19.34	RMS	266	379	Horizontal
4910.911	42.22	54.00	-11.78	RMS	347	273	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.

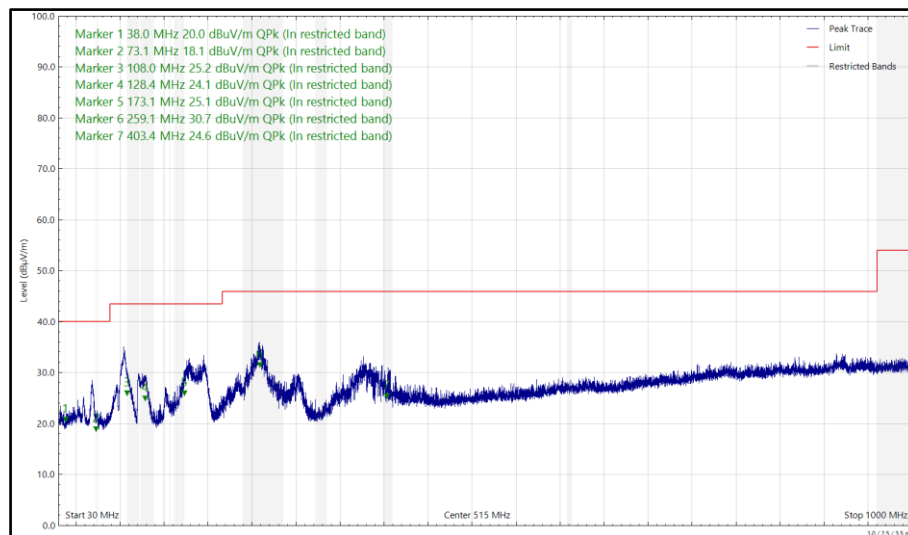


Figure 138 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

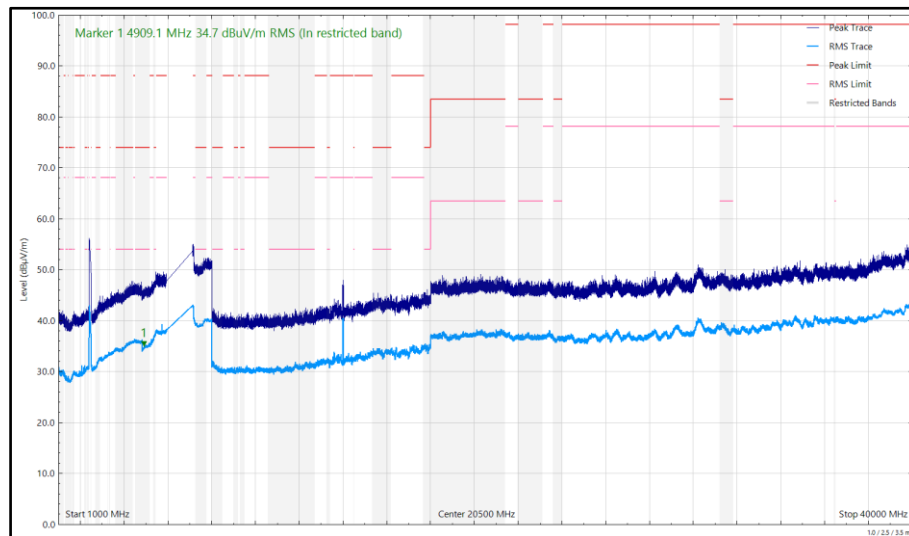


Figure 139 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

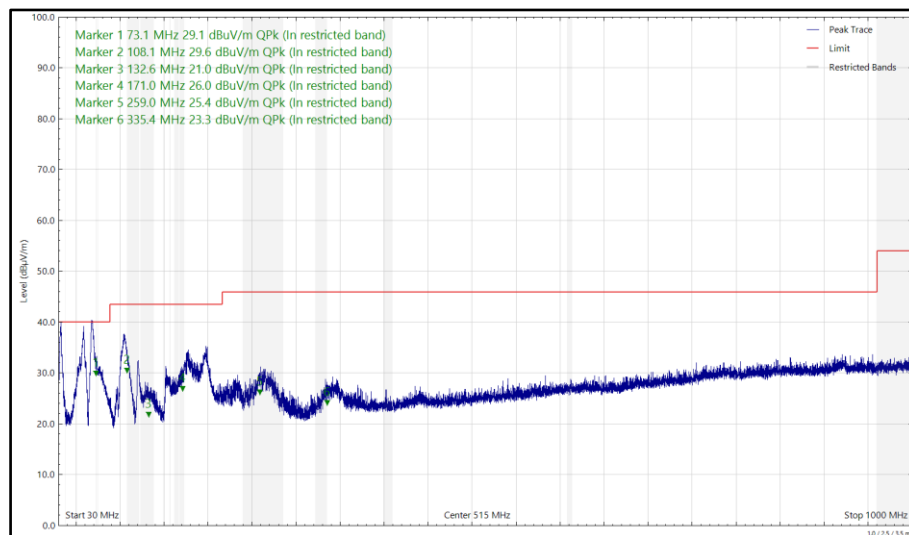


Figure 140 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

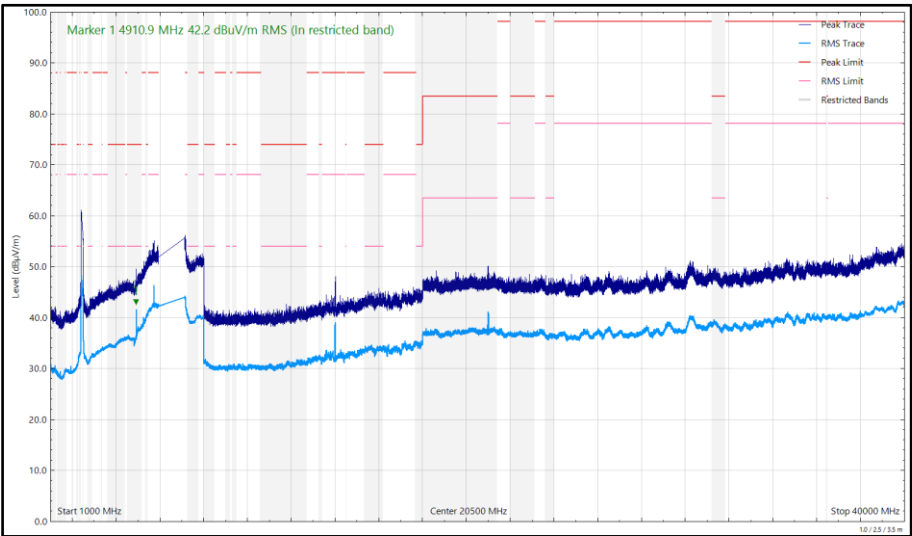


Figure 141 - 2437 MHz (CH6), HT20, Core 0 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, ePA, Core 1, 1 GHz to 40 GHz, Vertical

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 16.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.6	5125	-	TU
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	5937	12	12-Jun-2026
TRILOG Super Broadband Test Antenna	Schwarzbeck	VULB 9168	5944	24	03-Jan-2027
1500W (300V 12A) AC Power Supply	iTech	IT7324	5957	-	TU
3m Semi-Anechoic Chamber, Chamber16	Albatross Projects	RF Chamber 16	5972	36	07-May-2028
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5973	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5974	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5975	-	TU
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	14-Sep-2026
Digital Multimeter	Fluke	115	6145	12	06-Jun-2026
Double Ridge Active Horn Antenna (18-40 GHz)	Com-Power	AHA-840	6189	24	26-Sep-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	18-Dec-2026
8GHz Highpass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6194	12	23-Apr-2026
Pre Amp 8 - 18 GHz	Wright Technologies	APS06 0061	6200	12	24-Apr-2026
Attenuator 4dB	Pasternack	PE7074-4	6203	24	03-Jan-2027
Cable (SMA to SMA 20cm)	TUV SUD	MH-FH 8-18	6215	12	23-Apr-2026
USB Spectrum Analyser	Signal Hound	SA124B	6383	-	TU
DRG Horn Antenna (8-18 GHz)	Schwarzbeck	HWRD750	6458	12	18-May-2026
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6741	12	27-Apr-2026
8m Cable	Junkosha	MWX221-08000AMSAMS/B	6748	12	27-Apr-2026
EMI Test Receiver	Rohde & Schwarz	ESW44	6805	12	24-Jul-2026
Handheld Hygrometer	Fluke	971	6837	12	16-Sep-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6849	12	06-Nov-2026
Cable Assembly	SpecTech	PE300-60	6858	-	TU
Cable Assembly	SpecTech	PE300-60	6864	-	TU
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6978	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.