

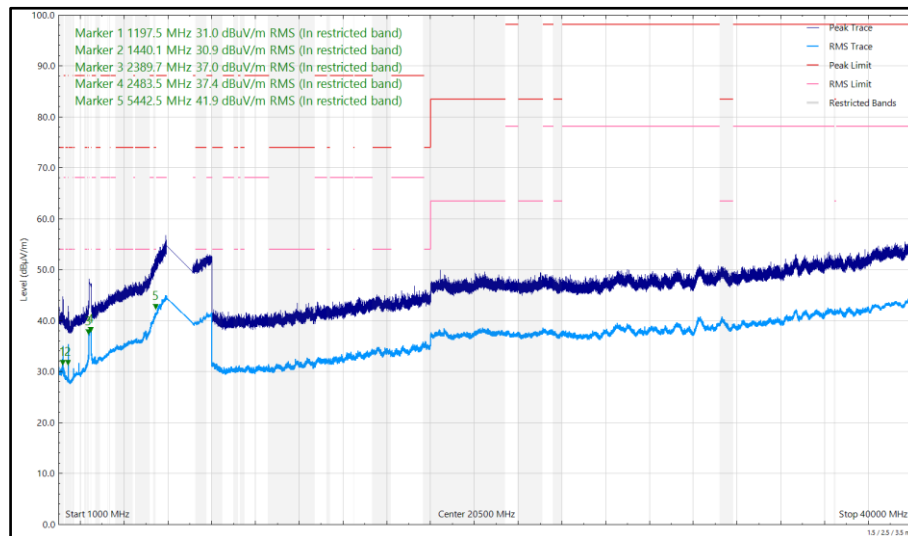


Figure 53 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.702	20.06	40.00	-19.94	Q-Peak	347	352	Horizontal
37.991	20.17	40.00	-19.83	Q-Peak	177	368	Vertical
73.104	20.34	40.00	-19.66	Q-Peak	220	107	Vertical
162.031	21.51	43.50	-21.99	Q-Peak	50	340	Horizontal
164.970	21.31	43.50	-22.19	Q-Peak	246	178	Vertical
276.937	20.62	46.00	-25.38	Q-Peak	77	100	Horizontal
284.664	21.19	46.00	-24.81	Q-Peak	148	200	Vertical
1196.070	31.15	54.00	-22.85	RMS	128	353	Horizontal
1196.531	33.18	54.00	-20.82	RMS	118	374	Vertical
1440.113	29.43	54.00	-24.57	RMS	118	217	Vertical
2389.069	35.04	54.00	-18.96	RMS	27	381	Vertical
2483.559	36.38	54.00	-17.62	RMS	37	393	Vertical
2483.821	35.13	54.00	-18.87	RMS	57	392	Horizontal
5430.855	36.70	54.00	-17.30	RMS	237	297	Horizontal
5445.435	40.14	54.00	-13.86	RMS	356	357	Vertical
7251.467	39.36	54.00	-14.64	RMS	319	241	Horizontal
7278.853	40.38	54.00	-13.62	RMS	313	104	Vertical

Table 22 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

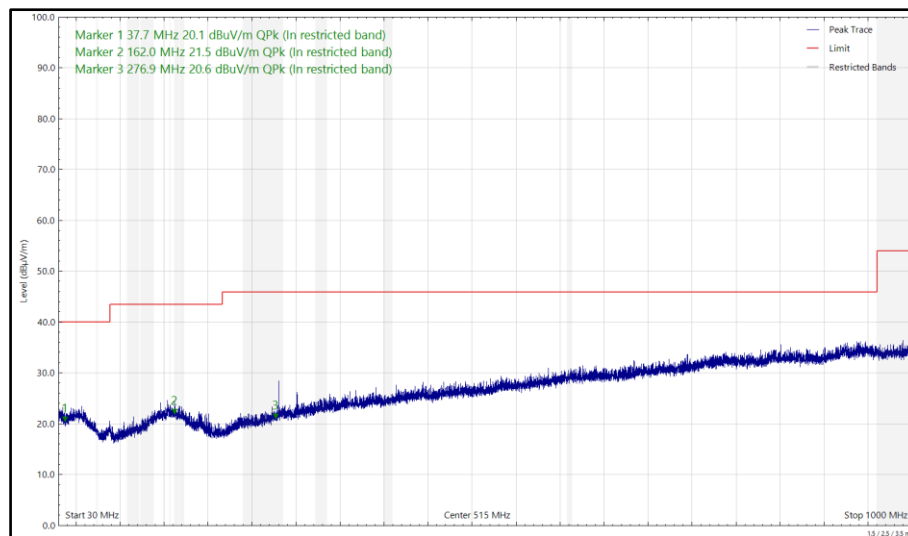


Figure 54 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

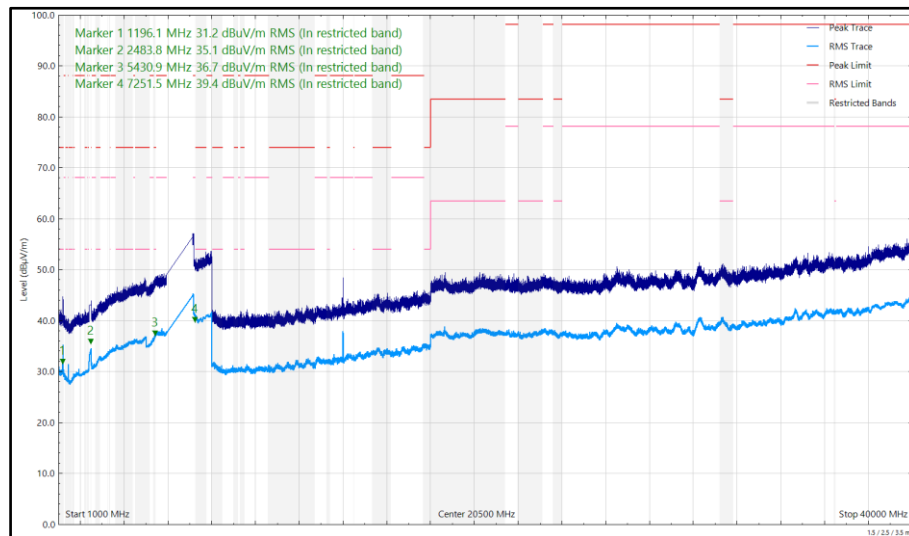


Figure 55 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

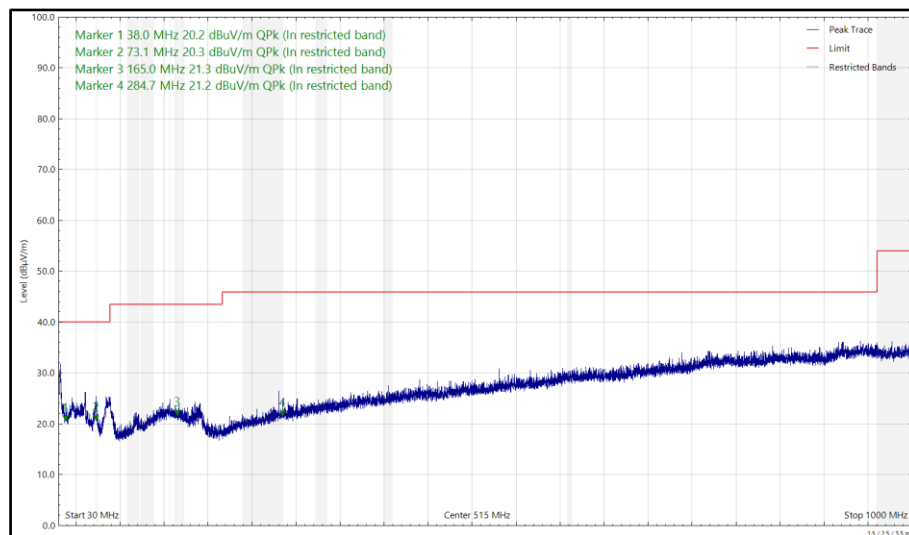


Figure 56 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

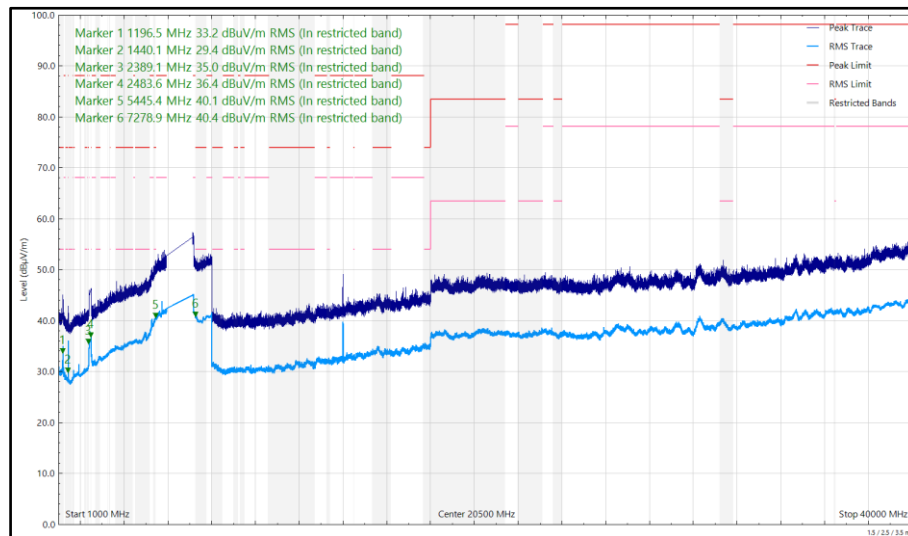


Figure 57 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.720	20.02	40.00	-19.98	Q-Peak	29	390	Vertical
37.973	20.09	40.00	-19.91	Q-Peak	86	334	Horizontal
73.055	19.98	40.00	-20.02	Q-Peak	242	144	Vertical
163.406	21.49	43.50	-22.01	Q-Peak	1	261	Horizontal
279.975	24.82	46.00	-21.18	Q-Peak	73	105	Horizontal
284.655	21.14	46.00	-24.86	Q-Peak	164	249	Vertical
1196.192	30.87	54.00	-23.13	RMS	126	162	Horizontal
1196.909	30.43	54.00	-23.57	RMS	62	192	Vertical
1439.897	28.86	54.00	-25.14	RMS	108	195	Vertical
2389.283	37.49	54.00	-16.51	RMS	359	352	Vertical
2483.582	37.78	54.00	-16.22	RMS	357	355	Vertical
5453.058	36.86	54.00	-17.14	RMS	99	400	Horizontal
5459.155	39.77	54.00	-14.23	RMS	4	353	Vertical
7275.937	40.47	54.00	-13.53	RMS	340	284	Vertical
7279.221	40.92	54.00	-13.08	RMS	76	397	Horizontal

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.

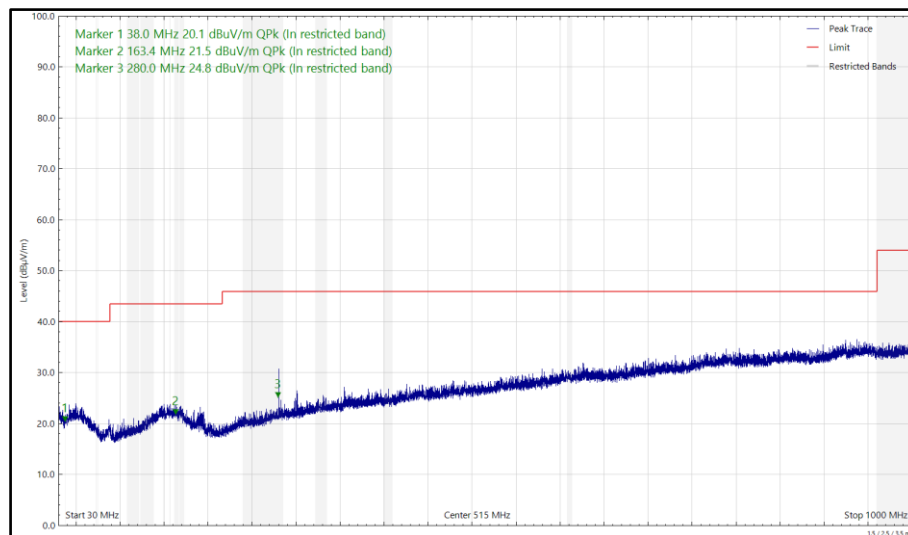


Figure 58 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

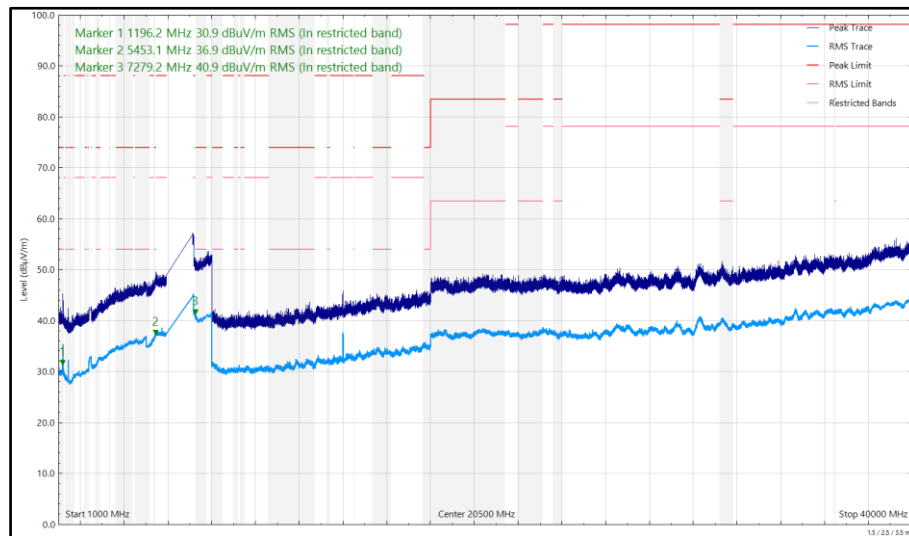


Figure 59 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

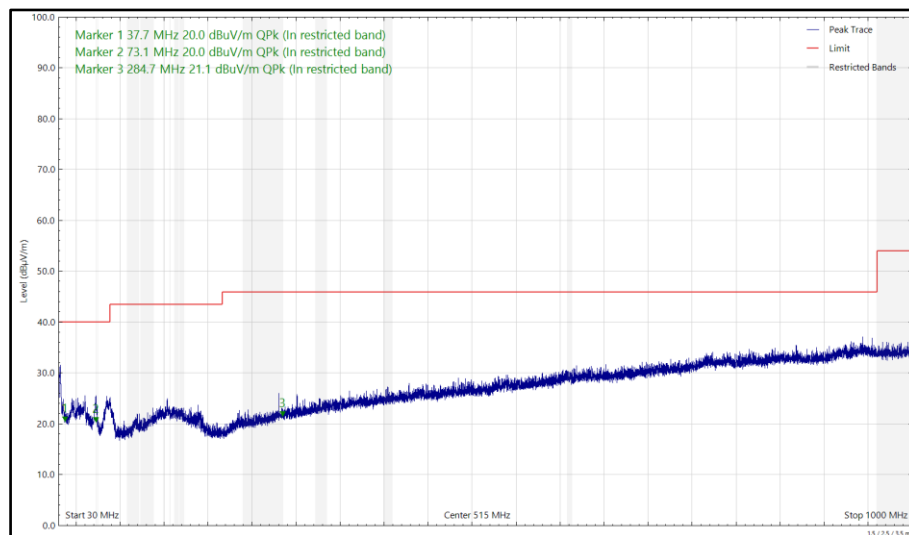


Figure 60 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

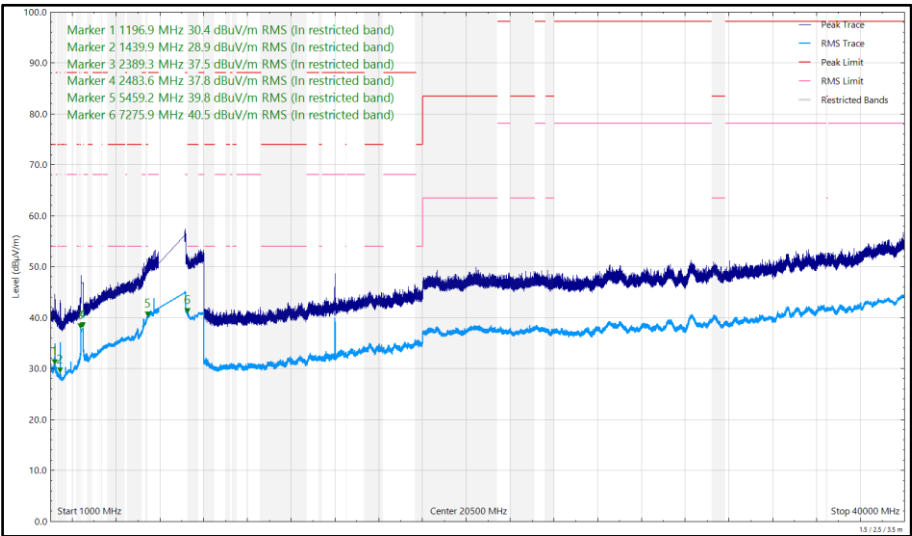


Figure 61 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, 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 24

2.4 GHz WLAN and 2.4 GHz Bluetooth and 5 GHz Narrowband

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
32.795	24.26	40.00	-15.74	Q-Peak	88	100	Vertical
37.661	20.30	40.00	-19.70	Q-Peak	346	146	Vertical
38.170	20.21	40.00	-19.79	Q-Peak	11	400	Horizontal
73.105	18.33	40.00	-21.67	Q-Peak	207	108	Vertical
134.431	20.05	43.50	-23.45	Q-Peak	126	193	Horizontal
163.571	21.74	43.50	-21.76	Q-Peak	173	101	Vertical
277.477	20.85	46.00	-25.15	Q-Peak	152	394	Horizontal
1192.132	28.08	54.00	-25.92	CISPR Avg	118	305	Horizontal
1196.425	29.09	54.00	-24.91	CISPR Avg	111	223	Vertical
1440.147	27.41	54.00	-26.59	CISPR Avg	117	326	Vertical

Table 25 - 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 40 GHz

No other emissions found within 20 dB of the limit.

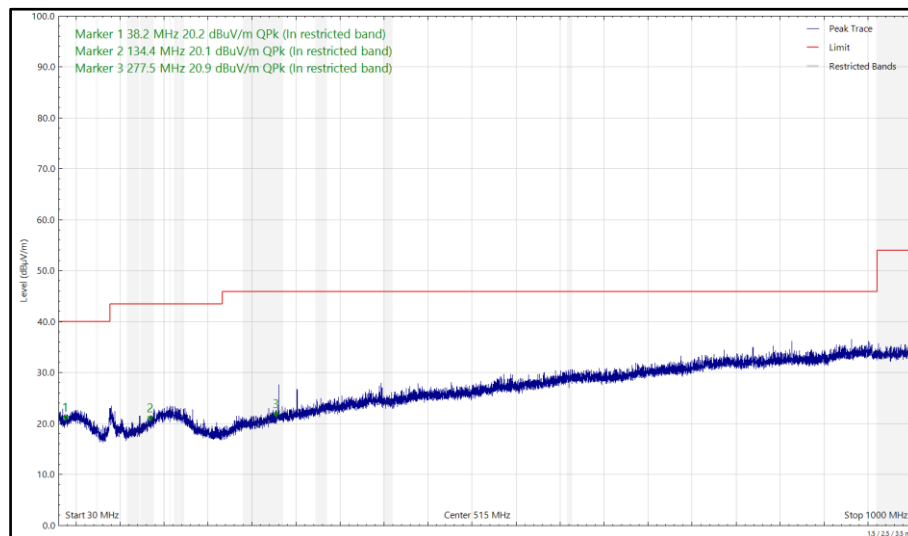


Figure 62 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

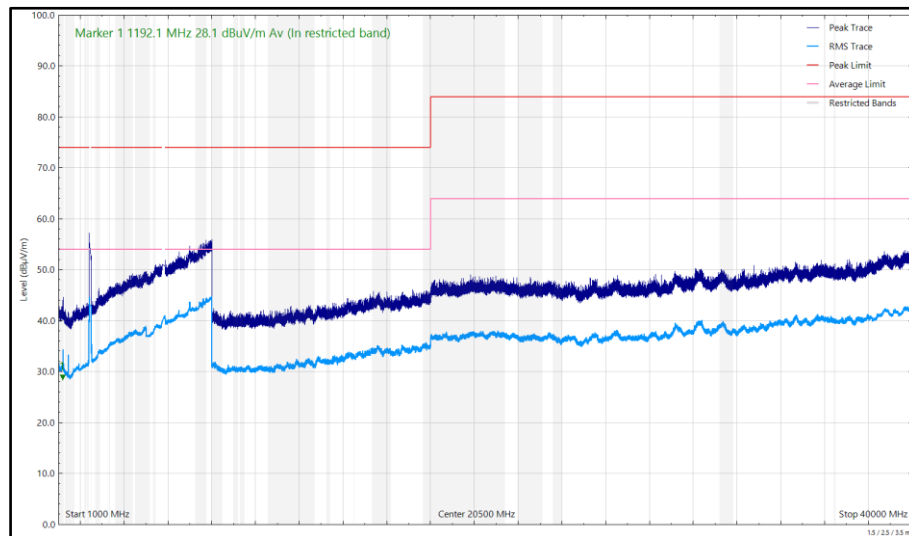


Figure 63 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

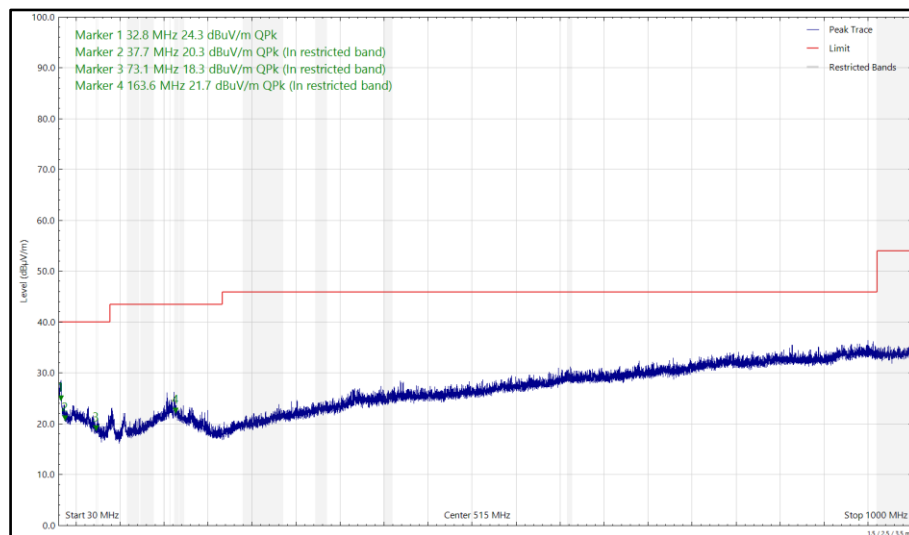


Figure 64 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

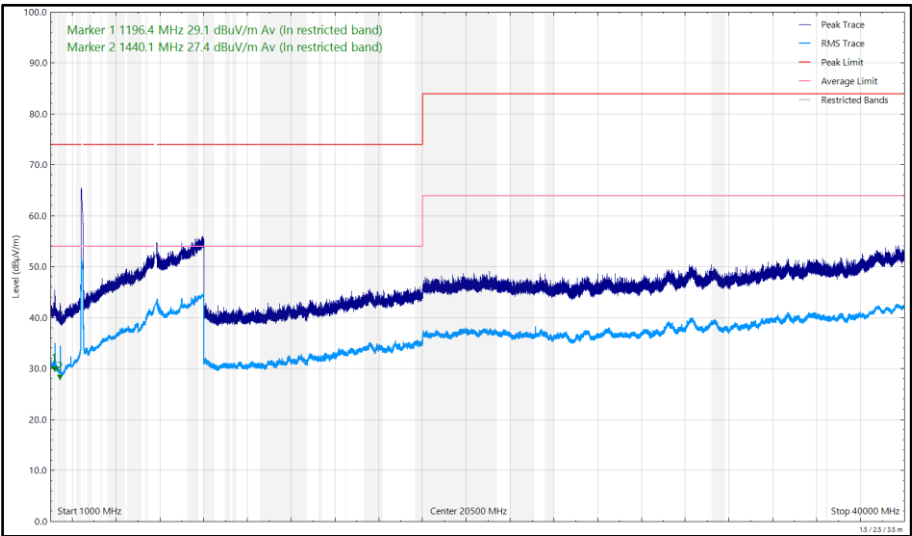


Figure 65 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, 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-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
32.419	25.55	40.00	-14.45	Q-Peak	349	100	Vertical
37.722	20.17	40.00	-19.83	Q-Peak	7	257	Vertical
38.098	20.18	40.00	-19.82	Q-Peak	353	390	Horizontal
74.065	18.04	40.00	-21.96	Q-Peak	322	109	Vertical
163.016	22.08	43.50	-21.42	Q-Peak	133	100	Vertical
166.854	21.44	43.50	-22.06	Q-Peak	346	385	Horizontal
282.275	21.01	46.00	-24.99	Q-Peak	170	205	Horizontal
1190.517	29.83	54.00	-24.17	CISPR Avg	128	203	Vertical
1438.250	24.81	54.00	-29.19	CISPR Avg	316	337	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.

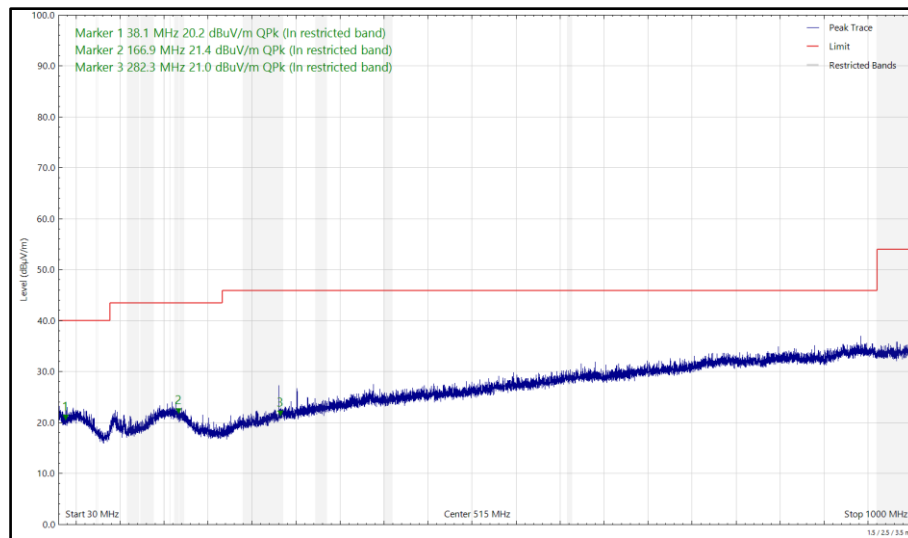


Figure 66 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

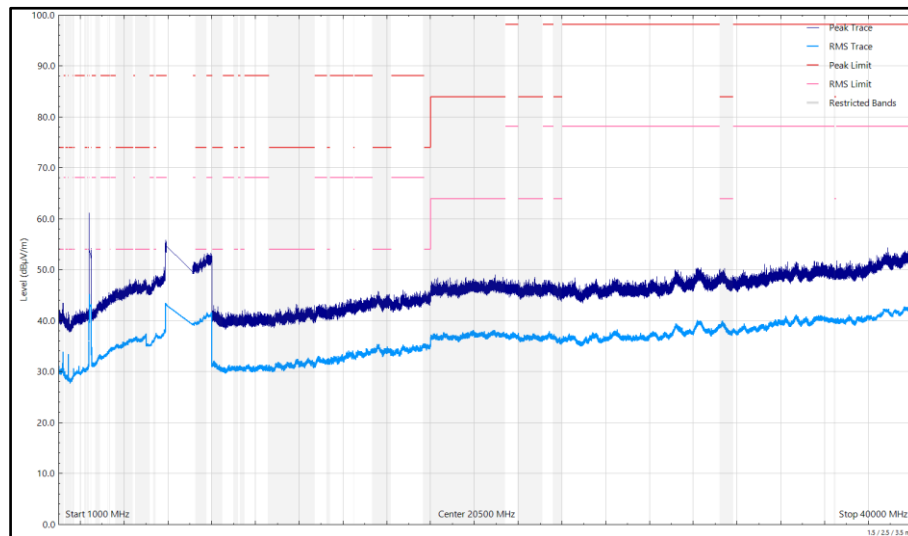


Figure 67 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

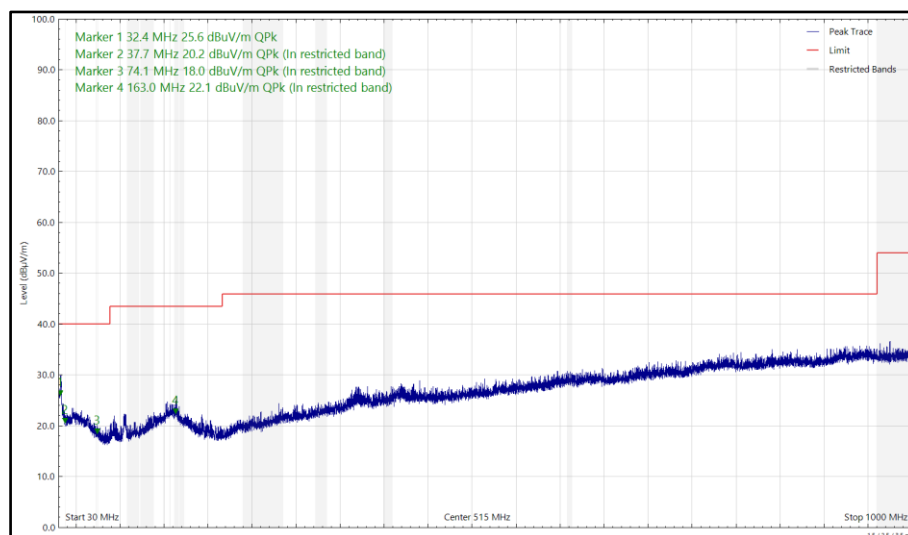


Figure 68 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

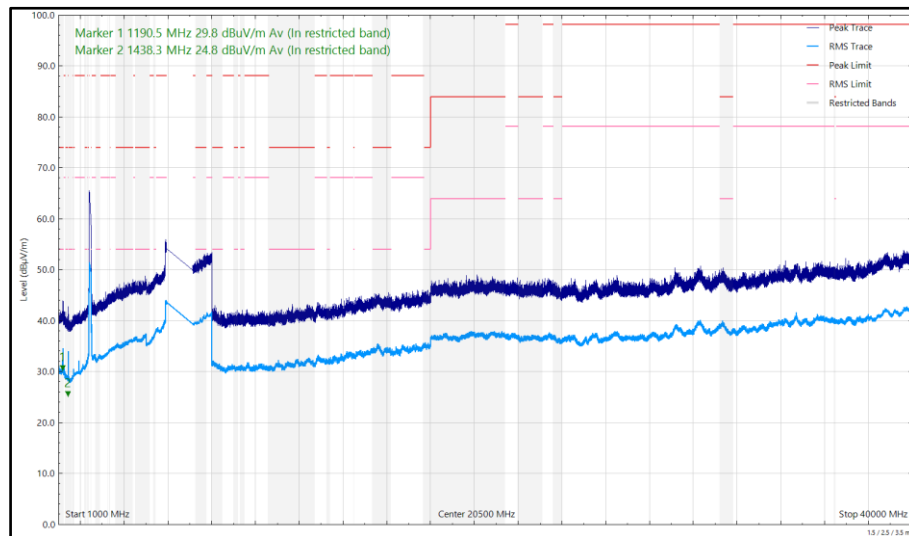


Figure 69 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



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
37.778	20.04	40.00	-19.96	Q-Peak	188	360	Horizontal
38.090	20.24	40.00	-19.76	Q-Peak	200	193	Vertical
73.474	20.40	40.00	-19.60	Q-Peak	278	214	Vertical
164.462	21.34	43.50	-22.16	Q-Peak	304	102	Horizontal
283.088	21.12	46.00	-24.88	Q-Peak	358	372	Horizontal
1199.948	31.73	54.00	-22.27	RMS	118	323	Horizontal
1200.573	34.13	54.00	-19.87	RMS	118	139	Vertical
1440.041	31.03	54.00	-22.97	RMS	118	319	Vertical
2389.712	41.95	54.00	-12.05	RMS	58	375	Horizontal
2389.974	42.99	54.00	-11.01	RMS	30	345	Vertical
2483.513	45.23	54.00	-8.77	RMS	31	352	Vertical
2483.666	62.19	74.00	-11.81	Peak	42	397	Vertical
2483.744	43.04	54.00	-10.96	RMS	57	390	Horizontal
2484.022	58.97	74.00	-15.03	Peak	56	396	Horizontal
2748.706	33.59	54.00	-20.41	RMS	332	335	Vertical
5144.354	39.47	54.00	-14.53	RMS	4	225	Vertical
5149.298	37.40	54.00	-16.60	RMS	118	287	Horizontal
5402.251	39.95	54.00	-14.05	RMS	350	222	Vertical
5408.583	38.76	54.00	-15.24	RMS	50	384	Horizontal
20816.419	44.07	63.50	-19.43	RMS	176	100	Vertical

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, 1 GHz to 40 GHz

No other emissions found within 20 dB of the limit.

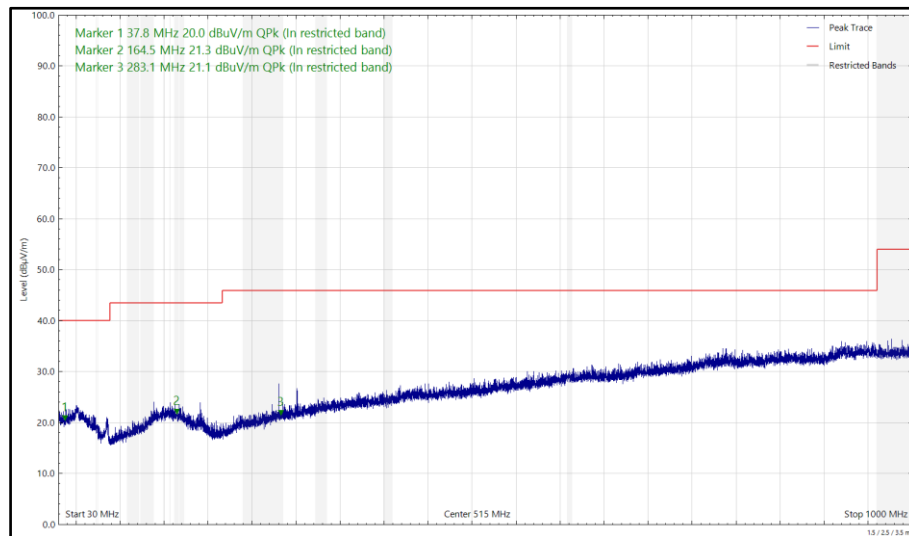


Figure 70 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

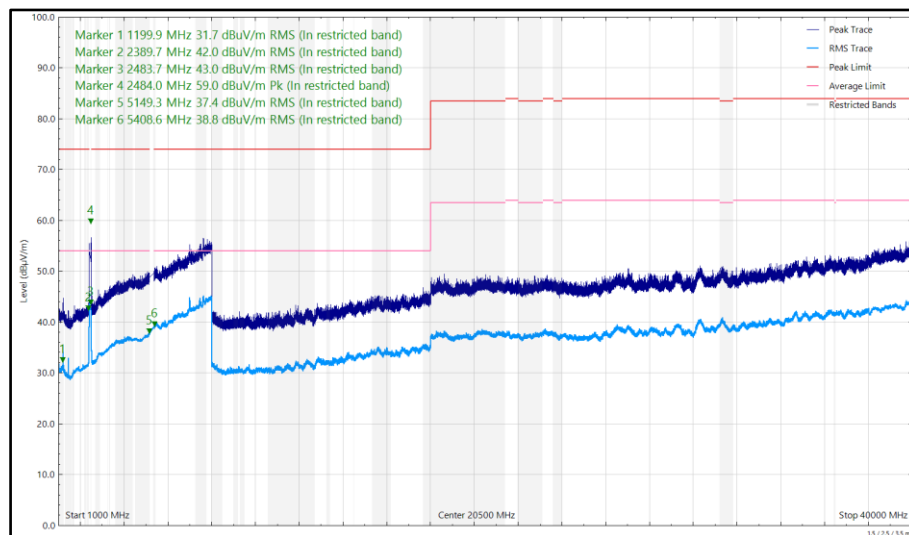


Figure 71 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

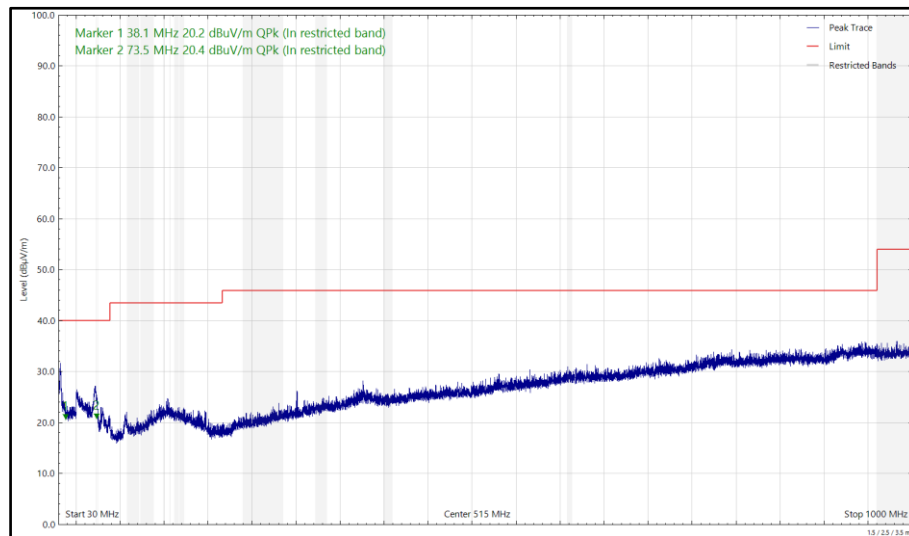


Figure 72 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

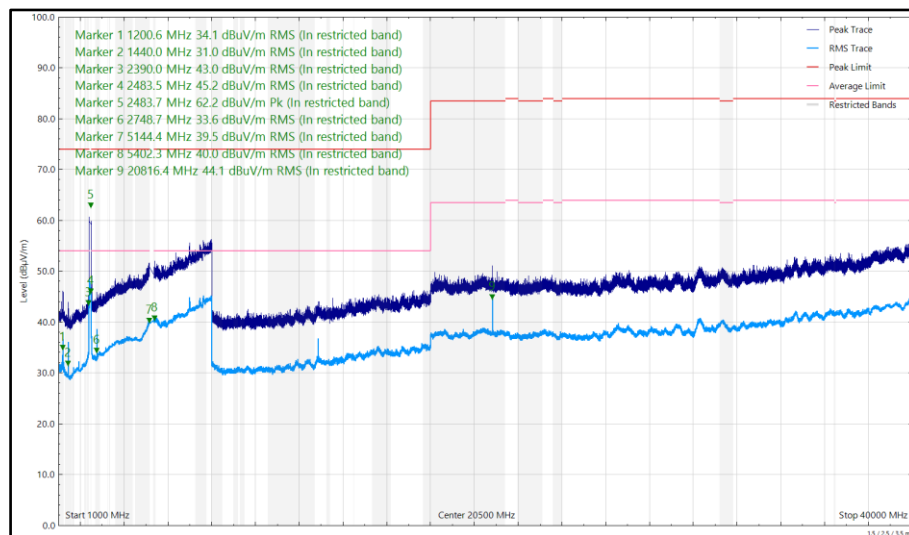


Figure 73 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.069	20.07	40.00	-19.93	Q-Peak	172	389	Horizontal
38.081	20.25	40.00	-19.75	Q-Peak	18	193	Vertical
73.013	22.05	40.00	-17.95	Q-Peak	264	142	Vertical
280.013	24.23	46.00	-21.77	Q-Peak	74	102	Horizontal
1197.668	31.19	54.00	-22.81	RMS	110	165	Horizontal
1198.703	33.02	54.00	-20.98	RMS	219	191	Vertical
1440.053	34.46	54.00	-19.54	RMS	118	166	Vertical
1440.305	29.46	54.00	-24.54	RMS	114	400	Horizontal
2389.822	41.89	54.00	-12.11	RMS	54	381	Horizontal
2389.934	43.47	54.00	-10.53	RMS	49	390	Vertical
2483.521	45.20	54.00	-8.80	RMS	33	349	Vertical
2483.573	43.05	54.00	-10.95	RMS	59	390	Horizontal
2483.577	62.31	74.00	-11.69	Peak	43	399	Vertical
2484.893	59.13	74.00	-14.87	Peak	56	391	Horizontal
3332.521	40.83	54.00	-13.17	RMS	350	297	Vertical
5451.960	38.66	54.00	-15.34	RMS	120	262	Horizontal
5454.651	40.03	54.00	-13.97	RMS	1	359	Vertical
9130.115	29.32	54.00	-24.68	RMS	327	148	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.

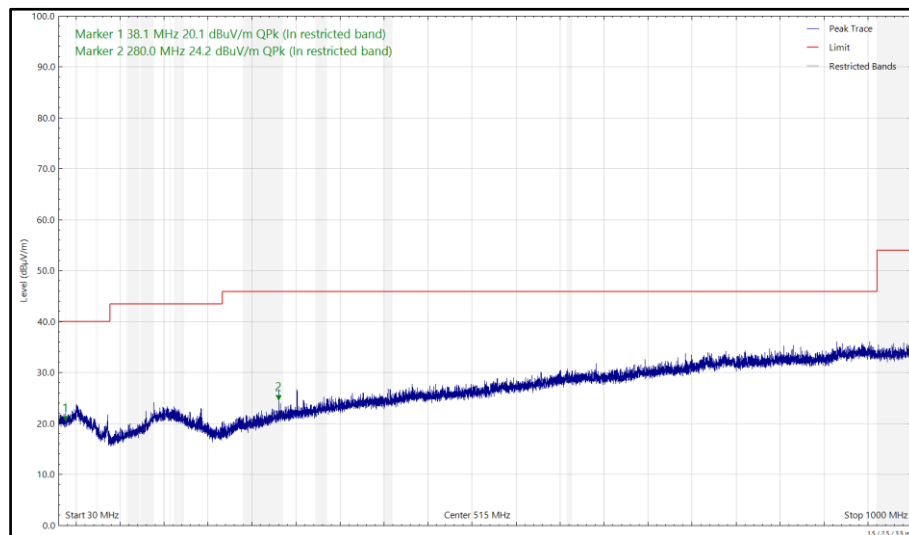


Figure 74 – 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

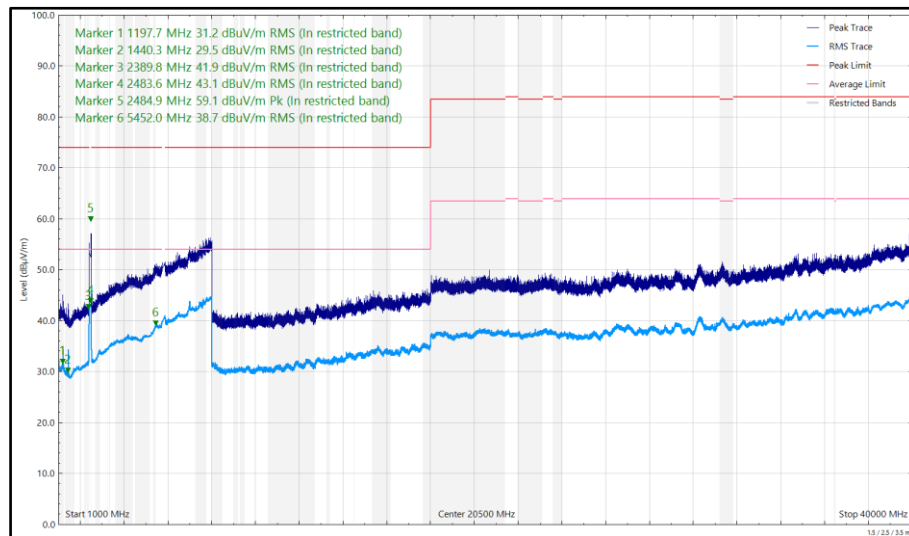


Figure 75 – 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

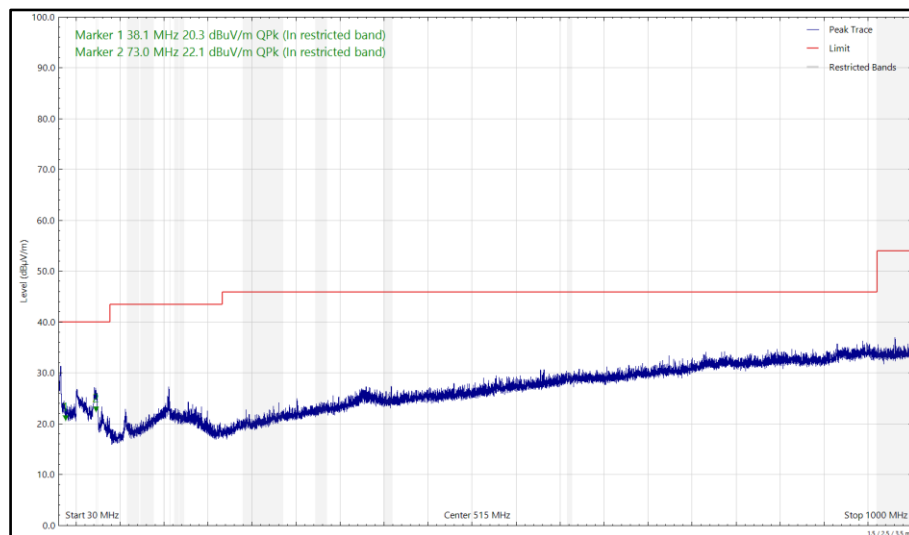


Figure 76 – 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

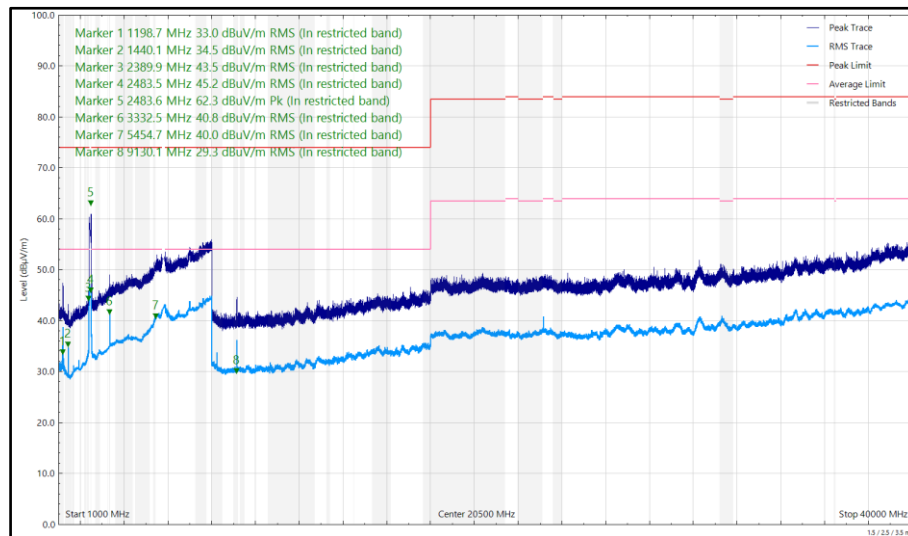


Figure 77 – 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.205	20.04	40.00	-19.96	Q-Peak	233	385	Horizontal
74.524	17.93	40.00	-22.07	Q-Peak	65	321	Vertical
134.636	20.01	43.50	-23.49	Q-Peak	350	348	Horizontal
280.025	23.66	46.00	-22.34	Q-Peak	83	115	Horizontal
1199.266	33.62	54.00	-20.38	RMS	119	202	Horizontal
1199.301	33.52	54.00	-20.48	RMS	118	133	Vertical
1440.125	34.16	54.00	-19.84	RMS	108	304	Vertical
2389.816	34.28	54.00	-19.72	RMS	3	303	Vertical
2483.702	39.55	54.00	-14.45	RMS	54	383	Horizontal
2483.984	45.20	54.00	-8.80	RMS	352	347	Vertical
2484.199	56.55	74.00	-17.45	Peak	350	346	Vertical
5145.008	40.19	54.00	-13.81	RMS	4	316	Vertical
5149.272	37.28	54.00	-16.72	RMS	355	205	Horizontal
5399.823	40.49	54.00	-13.51	RMS	349	312	Vertical
5442.045	38.64	54.00	-15.36	RMS	125	260	Horizontal
15620.242	33.41	54.00	-20.59	RMS	335	400	Vertical
20815.221	44.10	63.50	-19.40	RMS	176	100	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.

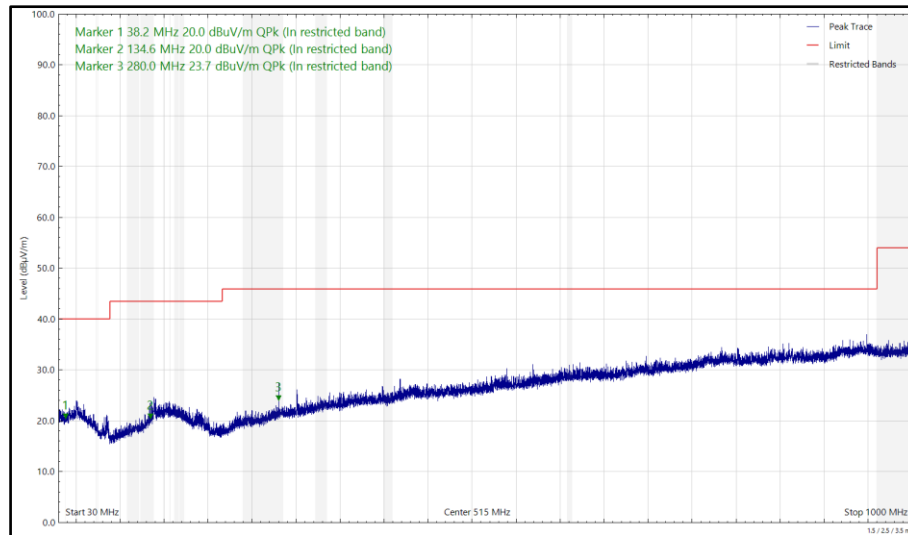


Figure 78 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

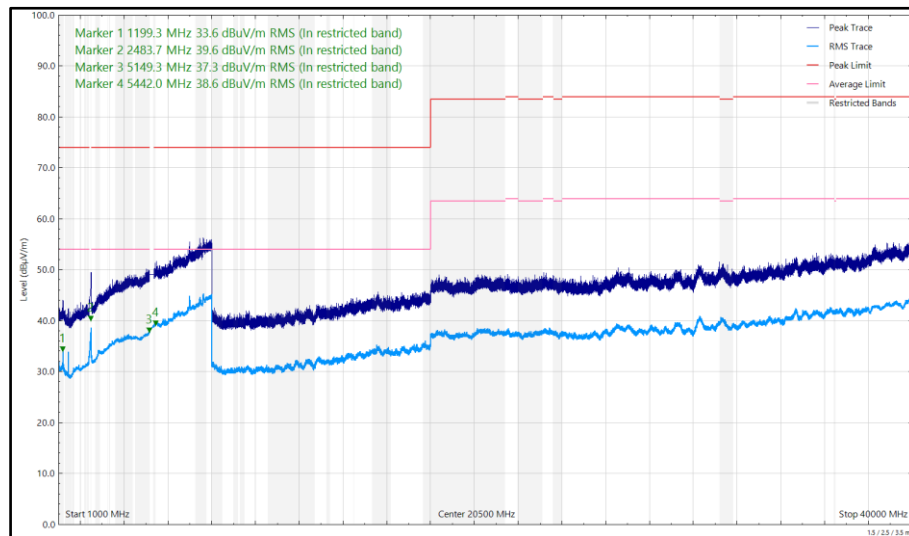


Figure 79 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

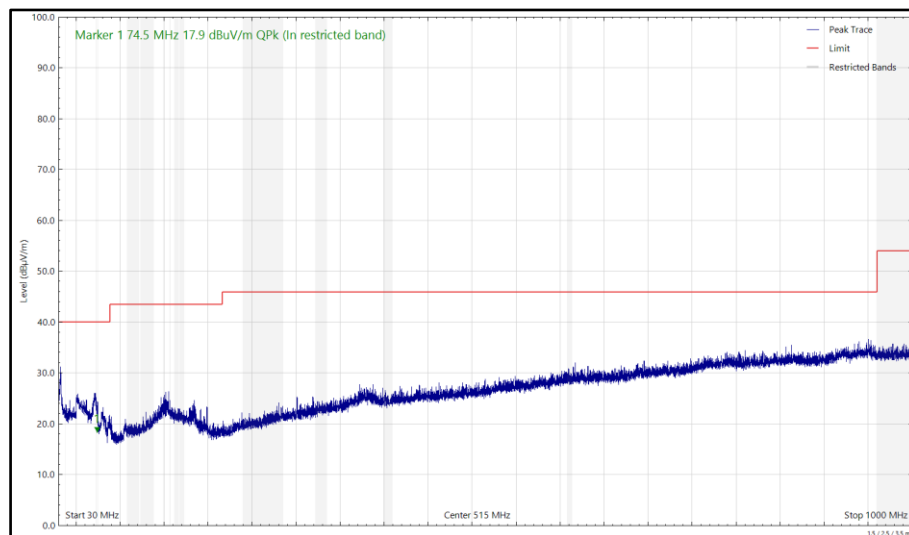


Figure 80 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

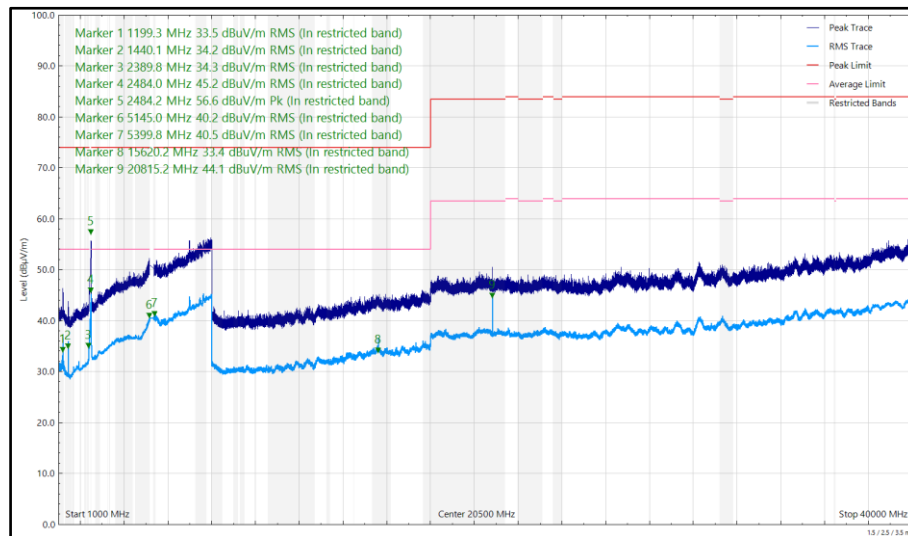


Figure 81 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5204 MHz (CH5204), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.732	20.06	40.00	-19.94	Q-Peak	239	318	Vertical
73.244	17.91	40.00	-22.09	Q-Peak	278	389	Horizontal
73.326	20.01	40.00	-19.99	Q-Peak	287	218	Vertical
168.054	21.26	43.50	-22.24	Q-Peak	239	112	Vertical
280.006	21.20	46.00	-24.80	Q-Peak	51	197	Horizontal
1198.339	31.63	54.00	-22.37	RMS	117	292	Vertical
1440.161	32.36	54.00	-21.64	RMS	113	206	Vertical
2388.287	56.77	74.00	-17.23	Peak	352	324	Vertical
2389.614	45.45	54.00	-8.55	RMS	350	335	Vertical
2389.784	39.74	54.00	-14.26	RMS	310	371	Horizontal
2483.513	41.51	54.00	-12.49	RMS	57	379	Horizontal
2483.530	45.55	54.00	-8.45	RMS	359	352	Vertical
2484.739	60.57	74.00	-13.43	Peak	350	346	Vertical
3332.521	39.11	54.00	-14.89	RMS	349	309	Vertical
5449.872	38.67	54.00	-15.33	RMS	110	393	Horizontal
5455.975	40.81	54.00	-13.19	RMS	352	321	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.

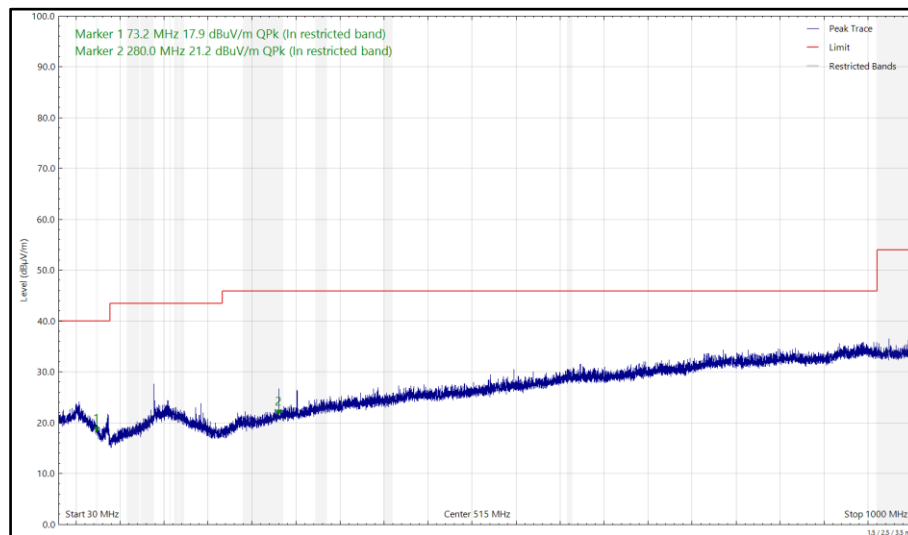


Figure 82 – 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

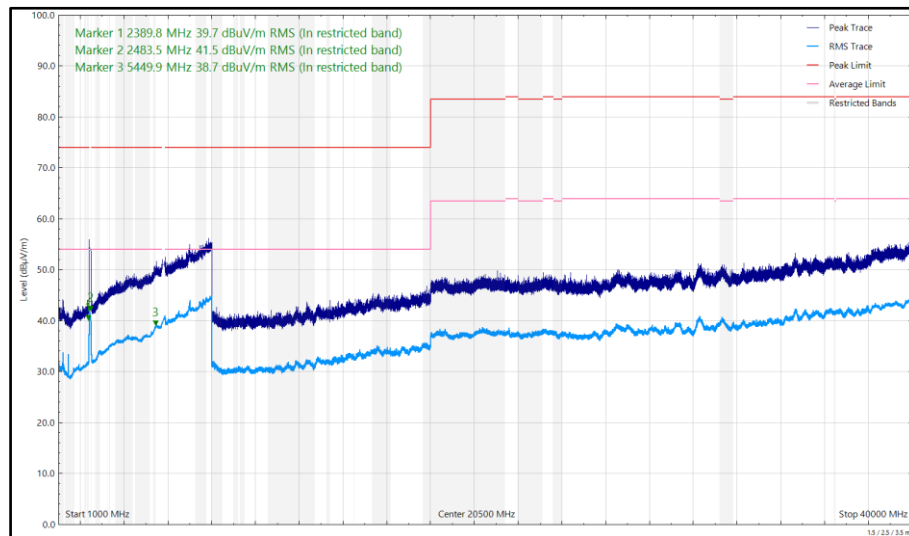


Figure 83 – 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

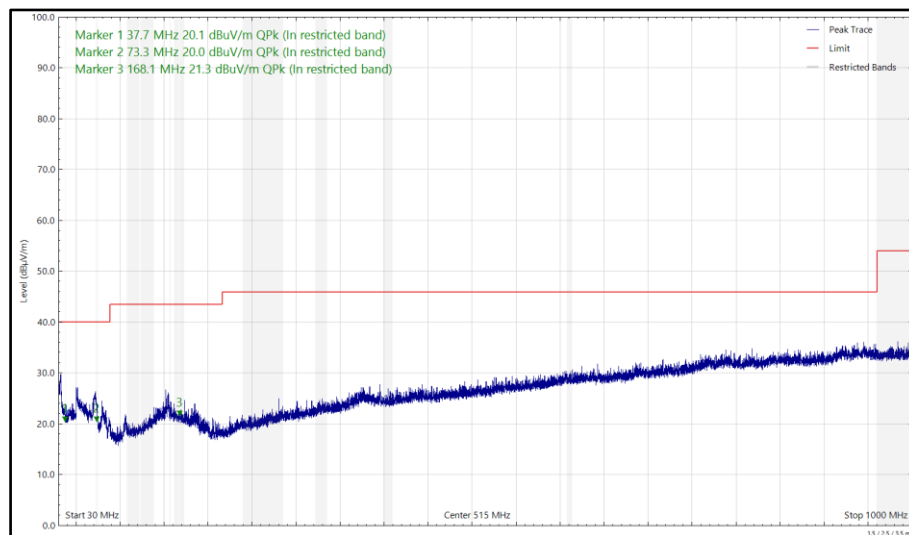


Figure 84 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

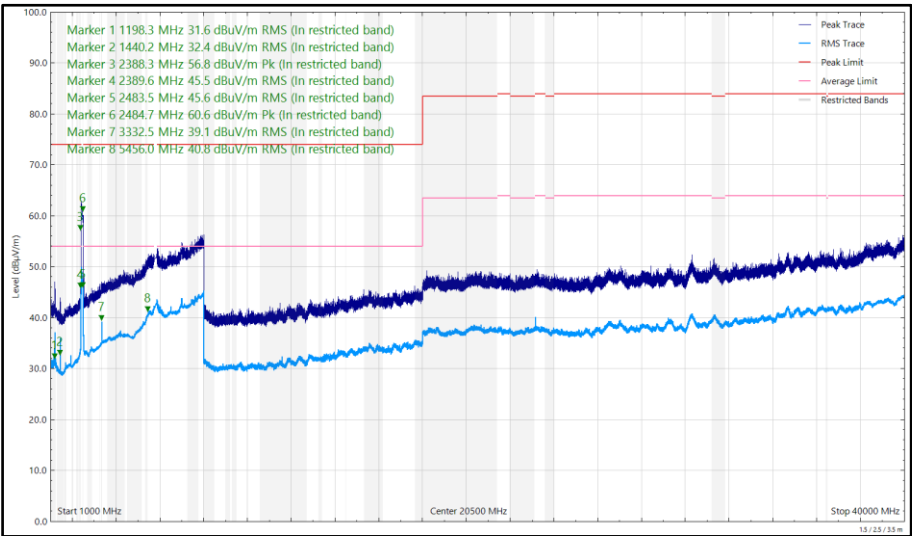


Figure 85 – 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 5788 MHz (CH5788), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, 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 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
38.000	19.99	40.00	-20.01	Q-Peak	31	358	Horizontal
73.035	17.91	40.00	-22.09	Q-Peak	84	356	Horizontal
73.308	20.30	40.00	-19.70	Q-Peak	235	211	Vertical
1196.472	33.35	54.00	-20.65	RMS	151	213	Vertical
1196.549	31.40	54.00	-22.60	RMS	118	264	Horizontal
1440.173	29.54	54.00	-24.46	RMS	127	240	Horizontal
1440.449	29.41	54.00	-24.59	RMS	124	398	Vertical
2389.843	41.66	54.00	-12.34	RMS	58	376	Horizontal
2389.928	42.71	54.00	-11.29	RMS	4	322	Vertical
2483.539	43.27	54.00	-10.73	RMS	56	390	Horizontal
2483.547	45.43	54.00	-8.57	RMS	33	400	Vertical
2483.804	60.38	74.00	-13.62	Peak	32	355	Vertical
2484.108	59.58	74.00	-14.42	Peak	57	392	Horizontal
3730.449	36.28	54.00	-17.72	RMS	339	239	Vertical
5453.276	37.78	54.00	-16.22	RMS	344	335	Vertical
5457.346	36.73	54.00	-17.27	RMS	95	100	Horizontal

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.

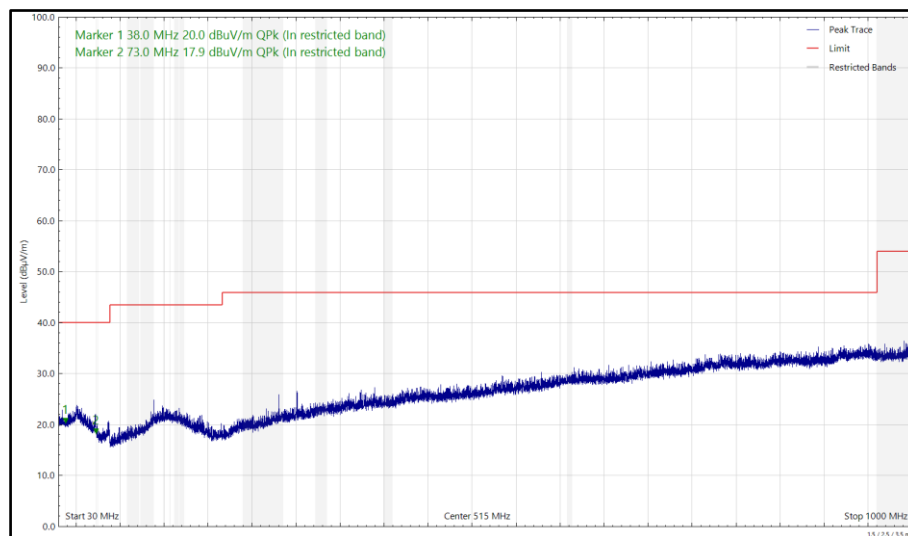


Figure 86 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

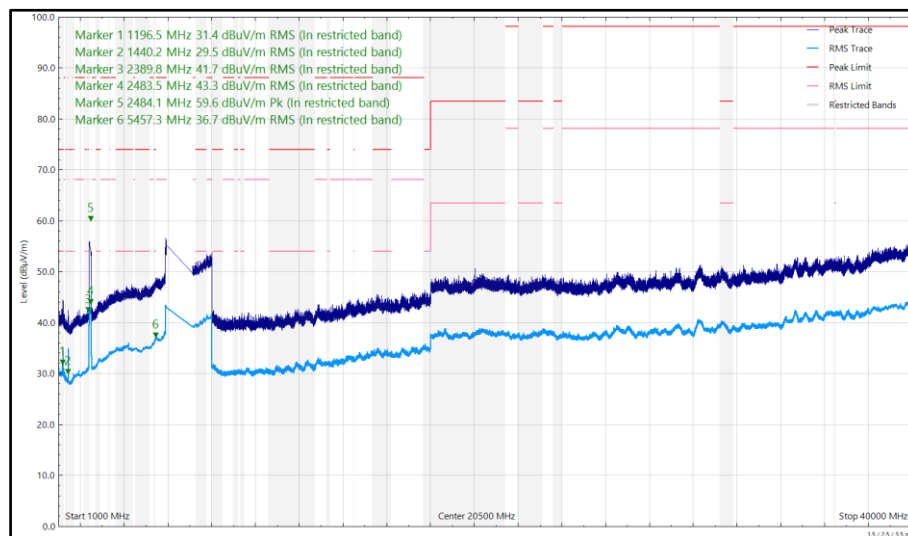


Figure 87 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

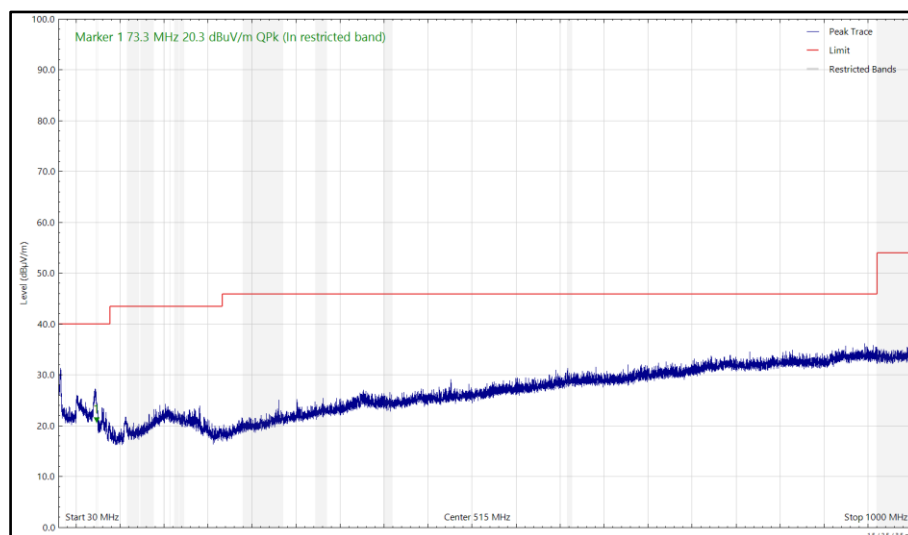


Figure 88 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

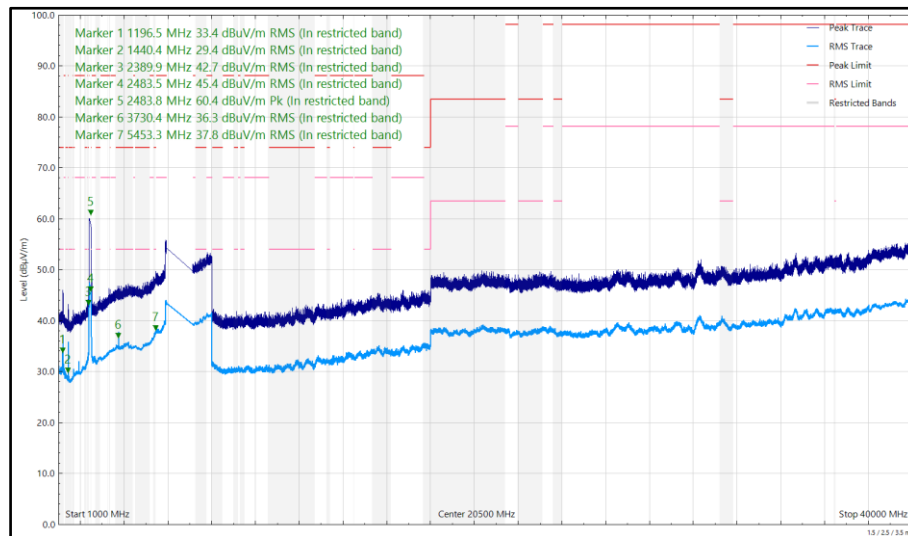


Figure 89 - 2437 MHz (CH6), HT20, Core 0 and 2455 MHz (CH21), Thread, ePA, Core 1 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.680	19.99	40.00	-20.01	Q-Peak	60	378	Horizontal
38.180	20.15	40.00	-19.85	Q-Peak	354	361	Vertical
73.156	20.96	40.00	-19.04	Q-Peak	268	100	Vertical
73.774	17.93	40.00	-22.07	Q-Peak	41	340	Horizontal
282.495	21.00	46.00	-25.00	Q-Peak	216	378	Horizontal
1196.479	30.27	54.00	-23.73	RMS	108	383	Vertical
1196.909	31.92	54.00	-22.08	RMS	118	343	Horizontal
1440.221	31.10	54.00	-22.90	RMS	164	278	Horizontal
1440.233	30.14	54.00	-23.86	RMS	115	173	Vertical
2389.339	38.39	54.00	-15.61	RMS	301	366	Horizontal
2389.932	56.72	74.00	-17.28	Peak	355	329	Vertical
2389.972	44.95	54.00	-9.05	RMS	3	328	Vertical
2483.504	39.67	54.00	-14.33	RMS	305	382	Horizontal
2483.616	44.24	54.00	-9.76	RMS	5	398	Vertical
2486.275	56.20	74.00	-17.80	Peak	355	387	Vertical
5455.043	37.69	54.00	-16.31	RMS	0	236	Vertical
5456.531	36.74	54.00	-17.26	RMS	291	244	Horizontal

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, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

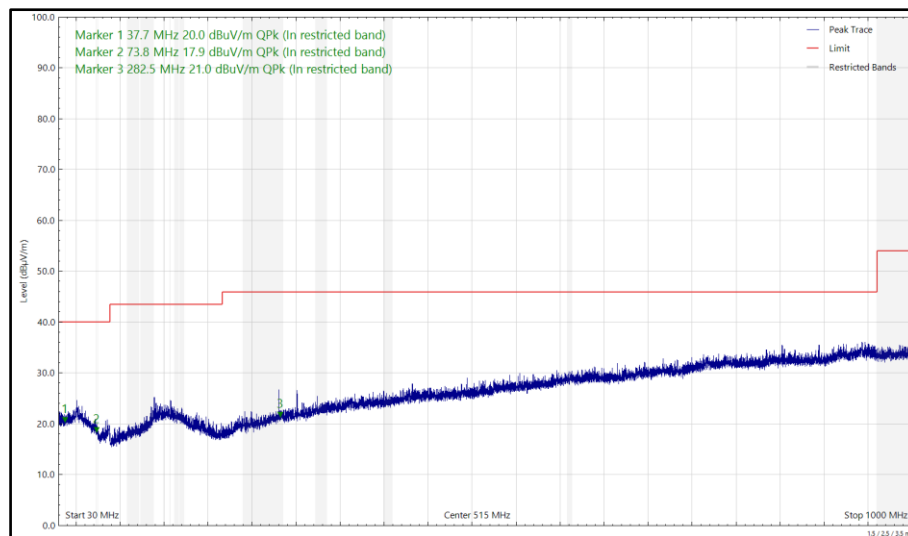


Figure 90 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

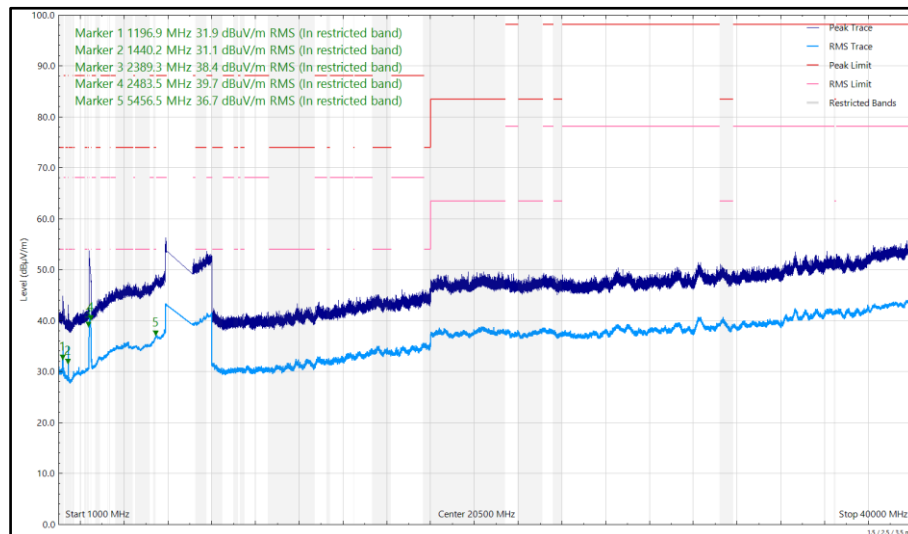


Figure 91 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

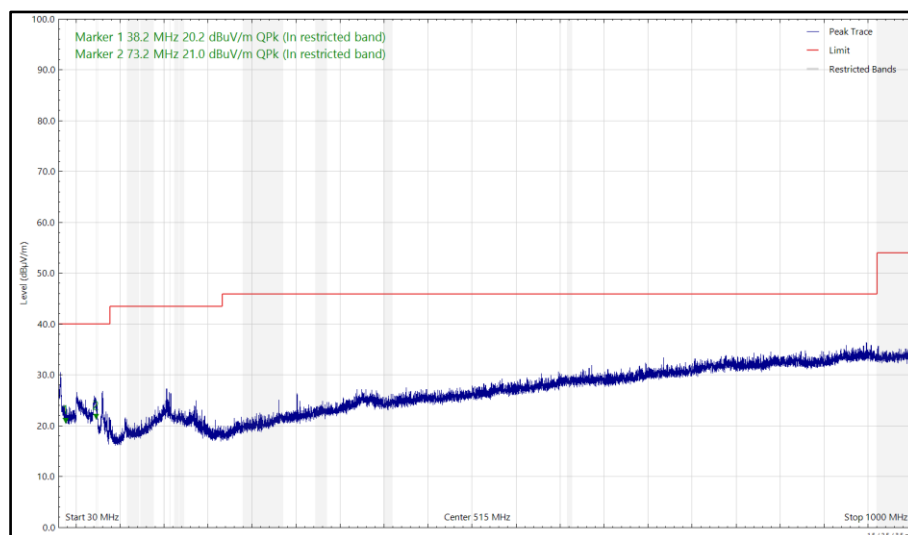


Figure 92 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

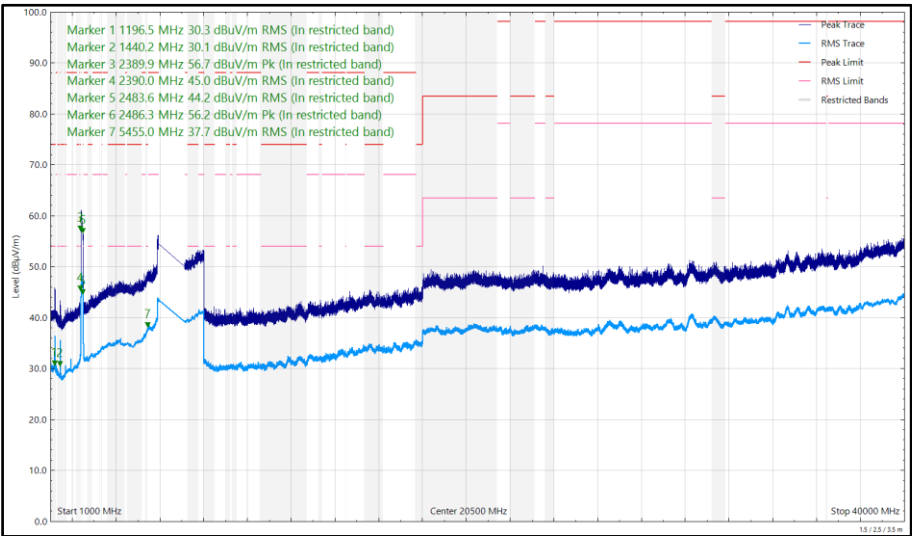


Figure 93 - 2437 MHz (CH6), HT20, Core 1 and 2455 MHz (CH21), Thread, ePA, Core 0 and 6186 MHz (CH6186), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, 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 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
32.305	24.70	40.00	-15.30	Q-Peak	37	109	Vertical
37.698	20.16	40.00	-19.84	Q-Peak	176	400	Horizontal
73.644	18.38	40.00	-21.62	Q-Peak	117	167	Vertical
164.279	21.49	43.50	-22.01	Q-Peak	209	267	Vertical
165.512	21.43	43.50	-22.07	Q-Peak	19	326	Horizontal
284.638	21.26	46.00	-24.74	Q-Peak	109	321	Horizontal
1196.001	27.54	54.00	-26.46	CISPR Avg	122	399	Horizontal
1203.173	28.89	54.00	-25.11	CISPR Avg	109	161	Vertical
1440.105	26.96	54.00	-27.04	CISPR Avg	118	308	Vertical

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.

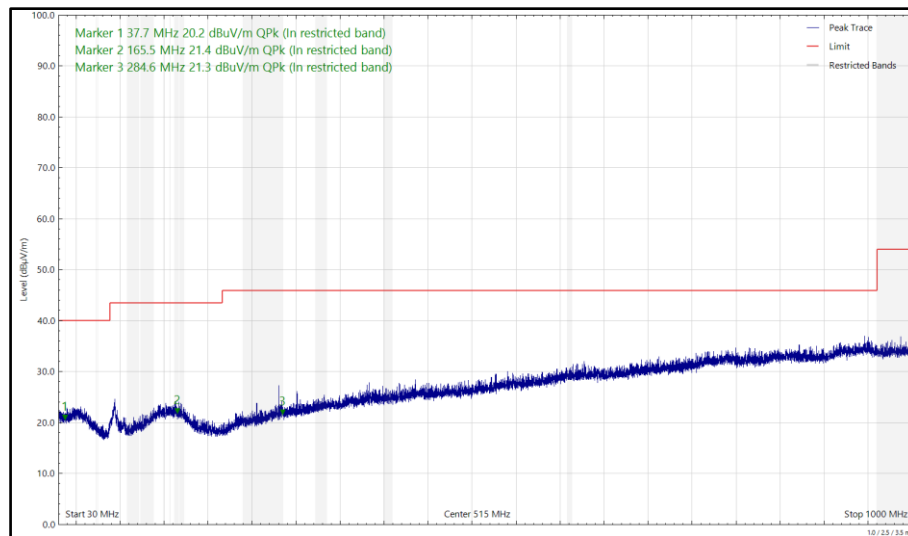


Figure 94 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 30 MHz to 1 GHz, Horizontal (Peak)

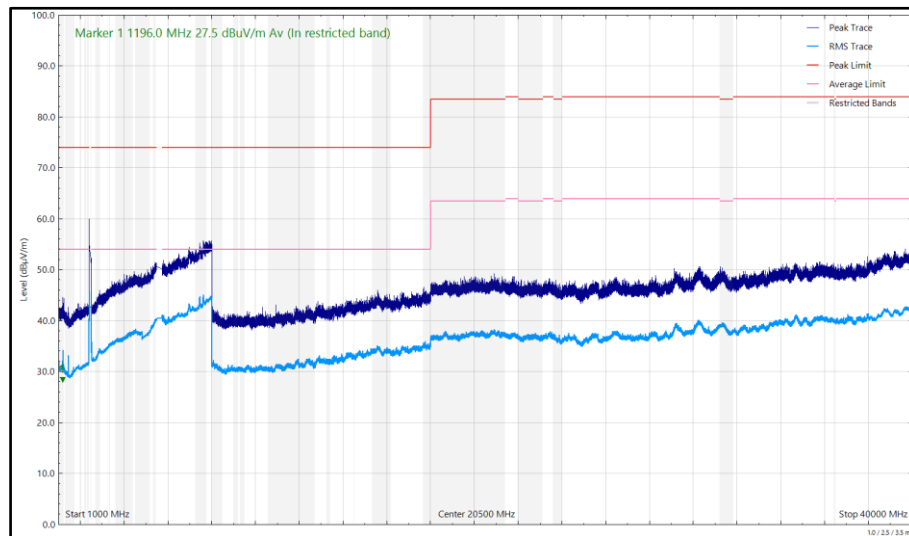


Figure 95 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 1 GHz to 40 GHz, Horizontal

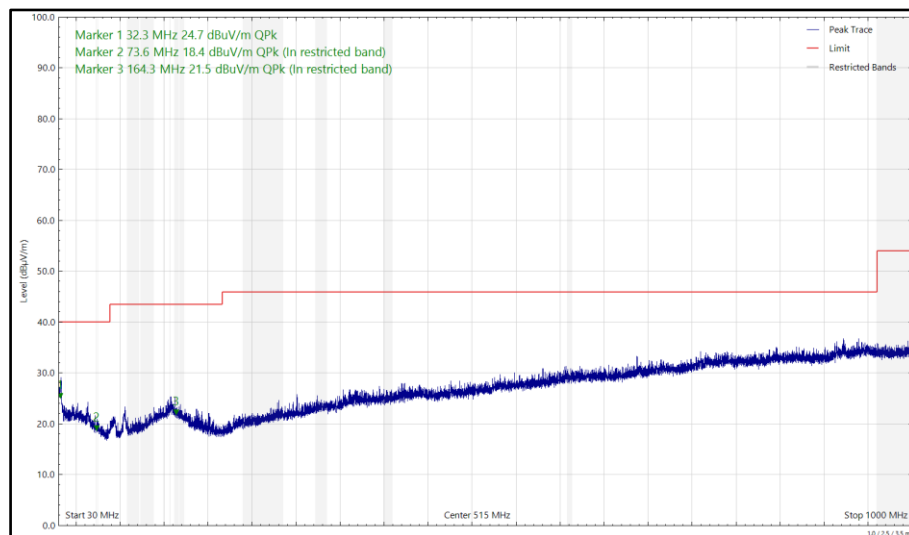


Figure 96 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 30 MHz to 1 GHz, Vertical (Peak)

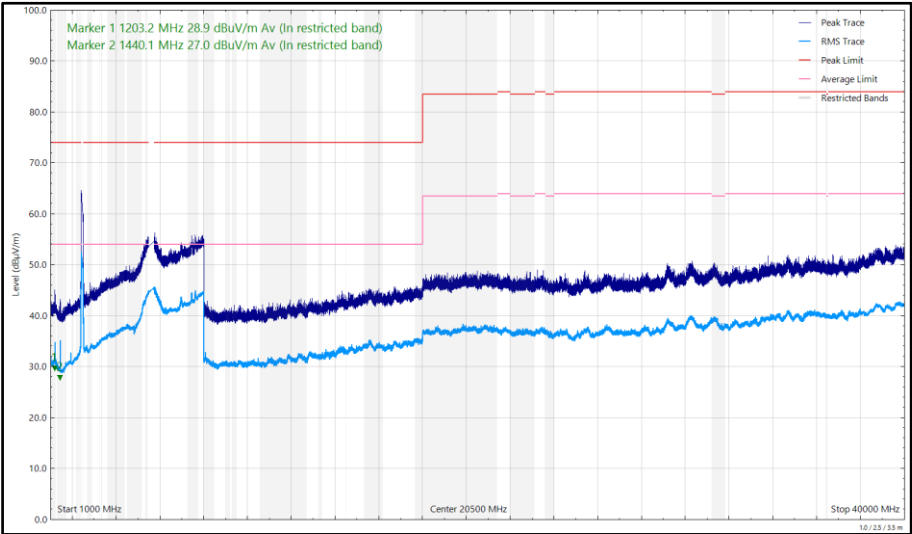


Figure 97 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 1 GHz to 40 GHz, Vertical

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 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 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
32.608	24.49	40.00	-15.51	Q-Peak	214	137	Vertical
37.952	20.23	40.00	-19.77	Q-Peak	358	390	Vertical
38.202	20.24	40.00	-19.76	Q-Peak	331	257	Horizontal
73.568	18.60	40.00	-21.40	Q-Peak	74	106	Vertical
162.758	21.61	43.50	-21.89	Q-Peak	52	314	Vertical
169.617	21.34	43.50	-22.16	Q-Peak	68	227	Horizontal
282.029	21.06	46.00	-24.94	Q-Peak	270	203	Horizontal
1195.995	29.87	54.00	-24.13	CISPR Avg	108	152	Vertical
1440.396	25.88	54.00	-28.12	CISPR Avg	342	353	Vertical

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.

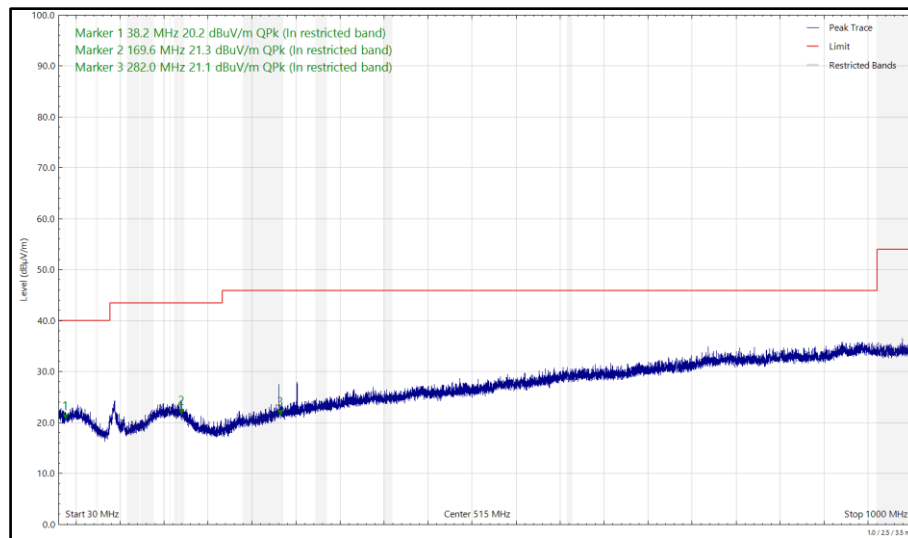


Figure 98 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 30 MHz to 1 GHz, Horizontal (Peak)

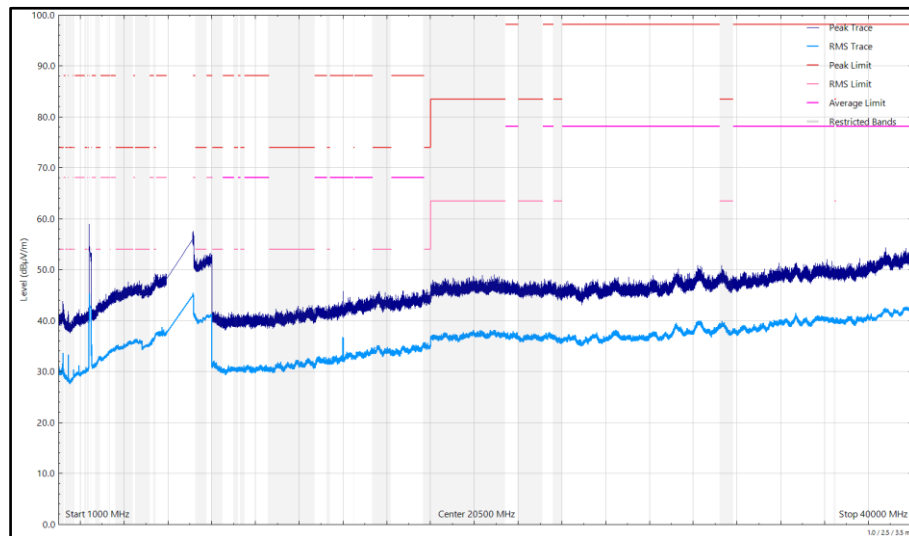


Figure 99 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, Core 2, 1 GHz to 40 GHz, Horizontal

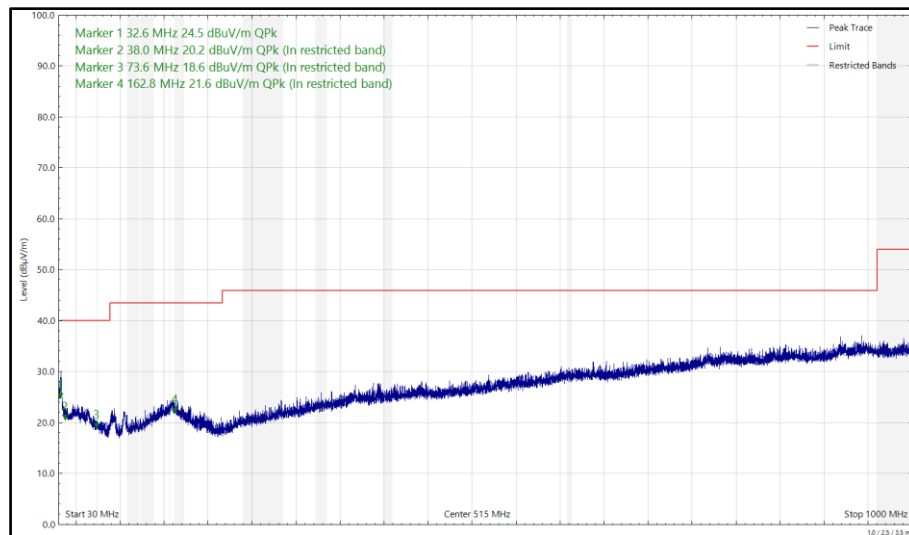


Figure 100 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 30 MHz to 1 GHz, Vertical (Peak)

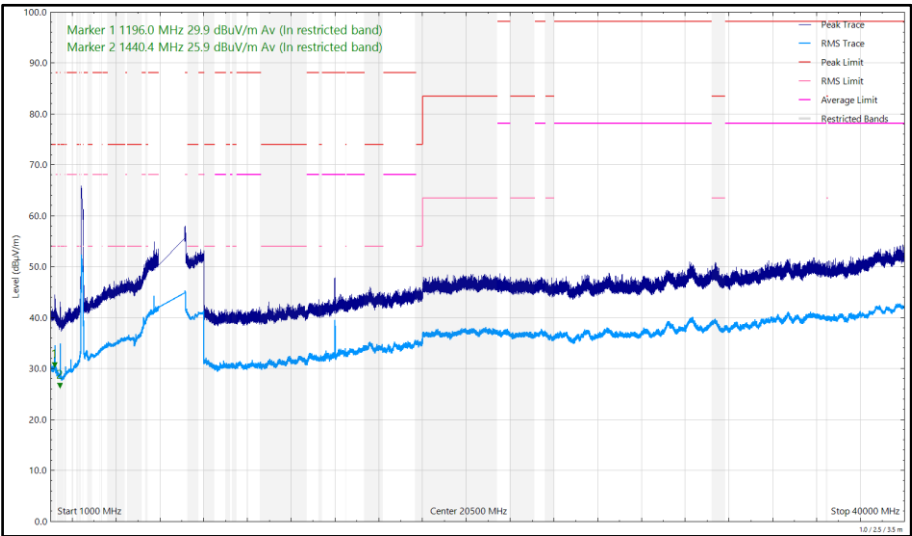


Figure 101 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2450 MHz (CH48), DH5, iPA, Core 2, 1 GHz to 40 GHz, Vertical

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
37.669	20.15	40.00	-19.85	Q-Peak	294	324	Horizontal
38.241	20.33	40.00	-19.67	Q-Peak	338	211	Vertical
74.942	18.15	40.00	-21.85	Q-Peak	29	100	Vertical
162.843	21.56	43.50	-21.94	Q-Peak	298	252	Vertical
166.909	21.45	43.50	-22.05	Q-Peak	250	389	Horizontal
277.947	20.86	46.00	-25.14	Q-Peak	235	389	Horizontal
279.163	20.86	46.00	-25.14	Q-Peak	360	360	Vertical
1192.962	31.63	54.00	-22.37	RMS	118	124	Vertical
1199.094	31.36	54.00	-22.64	RMS	110	363	Horizontal
1440.281	29.35	54.00	-24.65	RMS	118	191	Vertical

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.

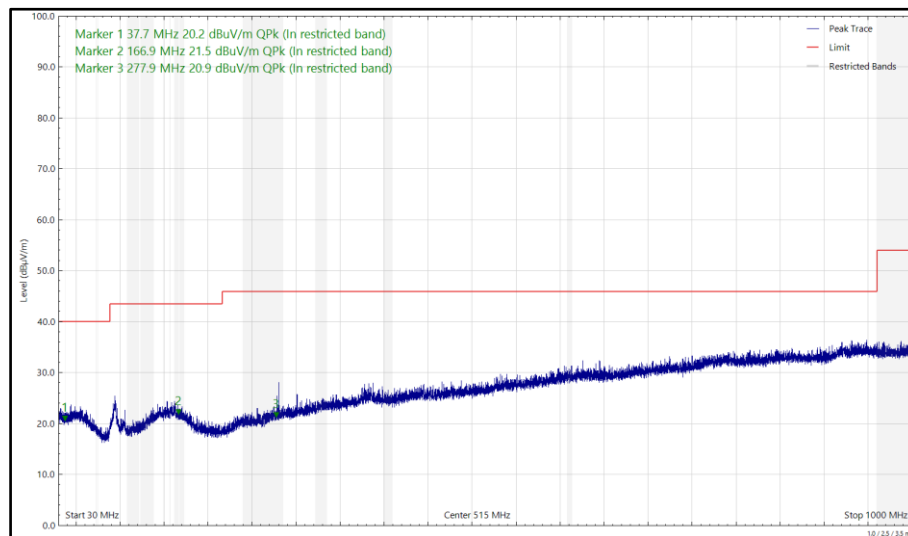


Figure 102 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, iPA, Core 2, 30 MHz to 1 GHz, Horizontal (Peak)

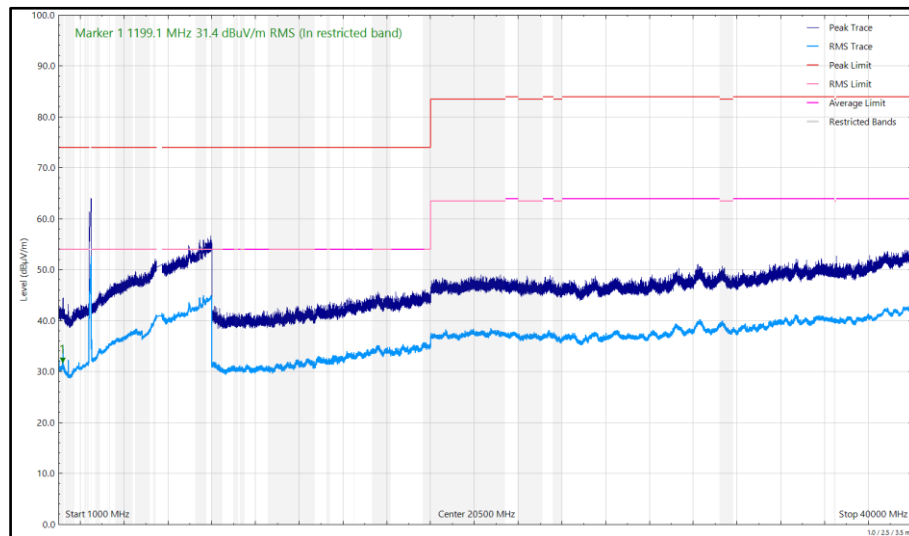


Figure 103 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, iPA, Core 2, 1 GHz to 40 GHz, Horizontal

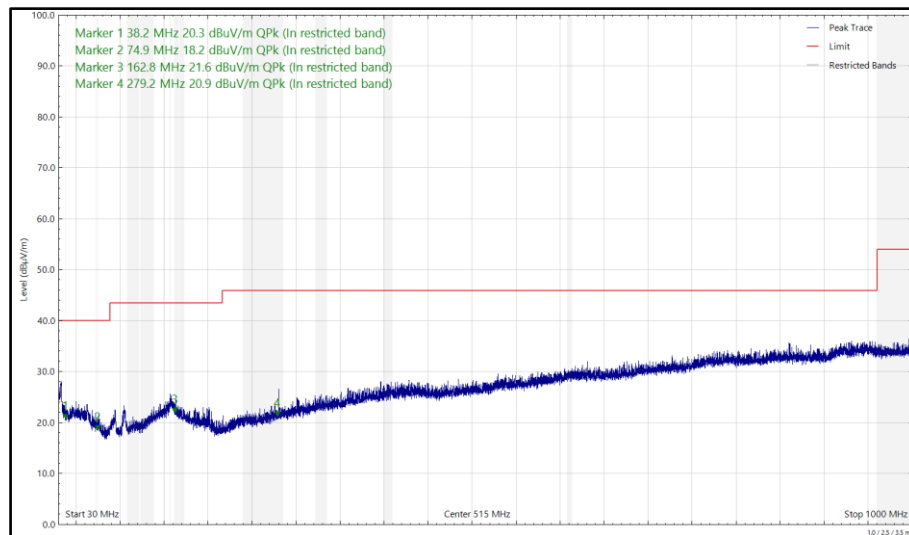


Figure 104 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, iPA, Core 2, 30 MHz to 1 GHz, Vertical (Peak)

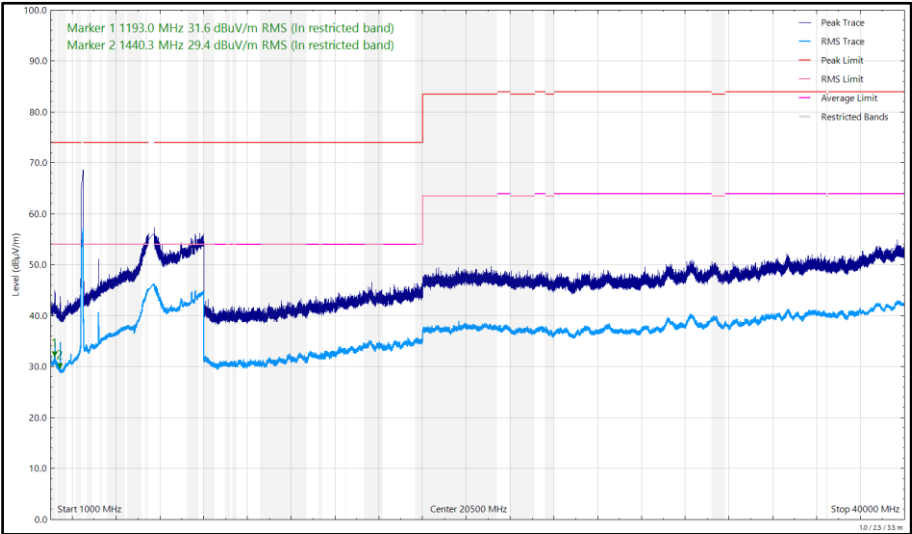


Figure 105 - 2437 MHz (CH6), HT20, CDD, Core 0 + Core 1 and 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2455 MHz (CH21), Thread, iPA, Core 2, 1 GHz to 40 GHz, Vertical

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 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 42