

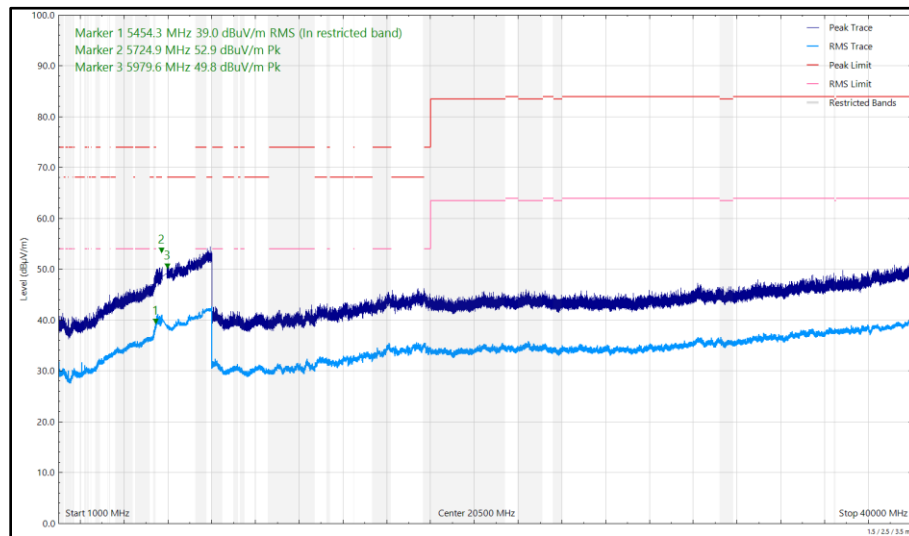


Figure 462 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

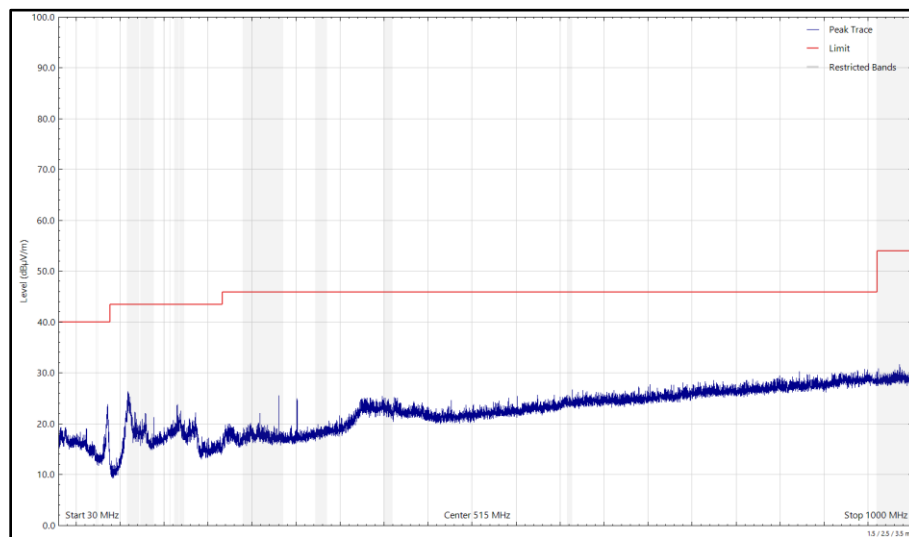


Figure 463 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

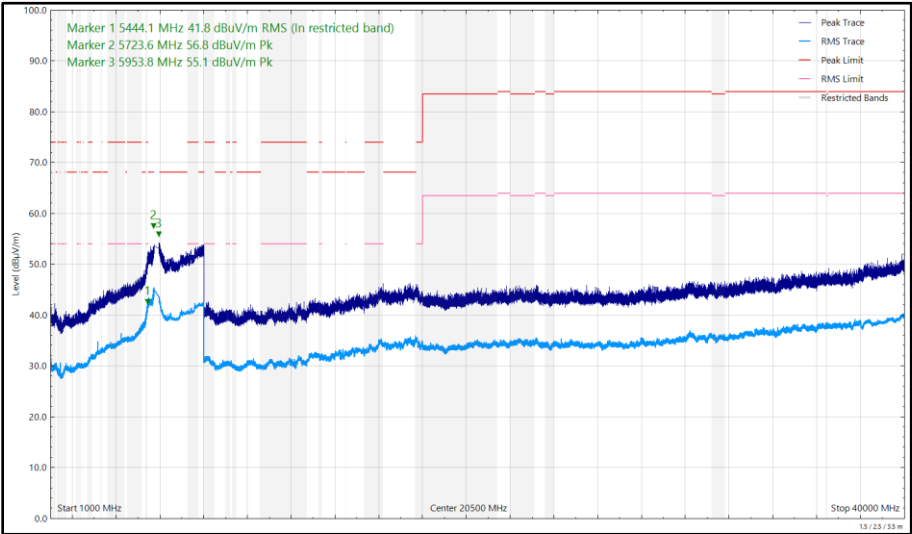


Figure 464 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
31.769	21.84	40.00	-18.16	Q-Peak	8	185	Horizontal
37.742	22.18	40.00	-17.82	Q-Peak	352	202	Horizontal
300.855	26.91	46.00	-19.09	Q-Peak	242	129	Vertical
300.863	27.28	46.00	-18.72	Q-Peak	351	183	Horizontal
691.868	27.02	46.00	-18.98	Q-Peak	12	318	Vertical
758.761	28.46	46.00	-17.54	Q-Peak	278	102	Horizontal
5108.699	38.25	54.00	-15.75	RMS	119	394	Horizontal
5109.139	44.70	54.00	-9.30	RMS	355	312	Vertical
5361.837	55.61	74.00	-18.39	Peak	8	321	Vertical
5365.121	44.25	54.00	-9.75	RMS	4	332	Vertical
5452.745	37.54	54.00	-16.46	RMS	95	233	Horizontal
5501.121	54.29	68.20	-13.91	Peak	4	336	Vertical
5581.900	48.87	68.20	-19.33	Peak	355	100	Horizontal

Table 555 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

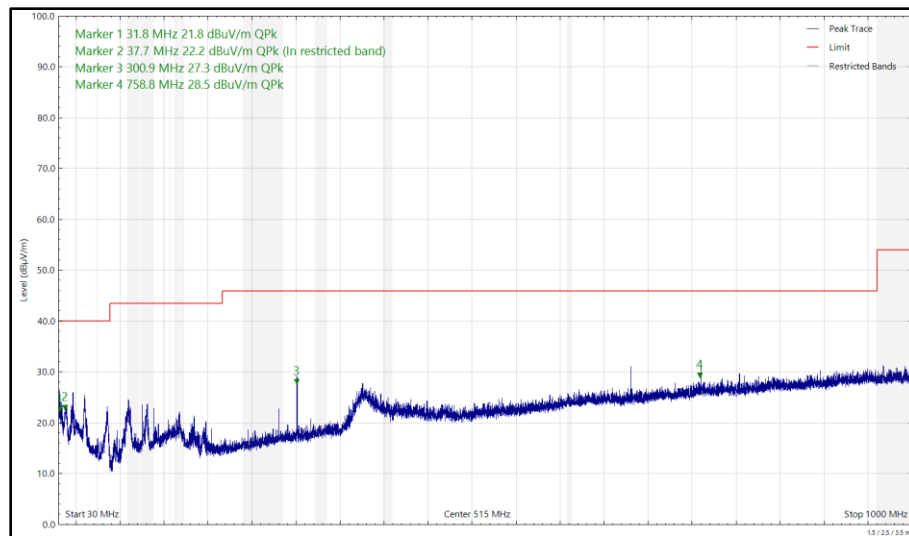


Figure 465 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

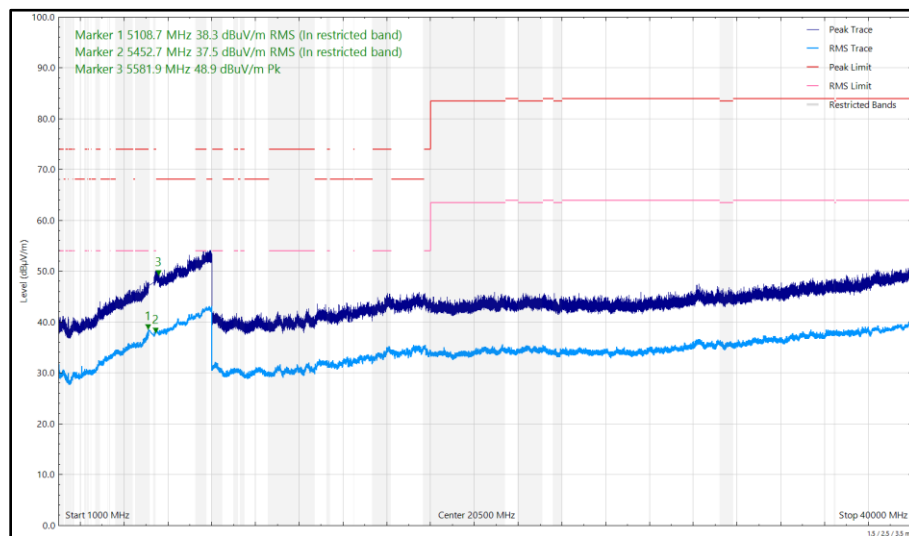


Figure 466 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

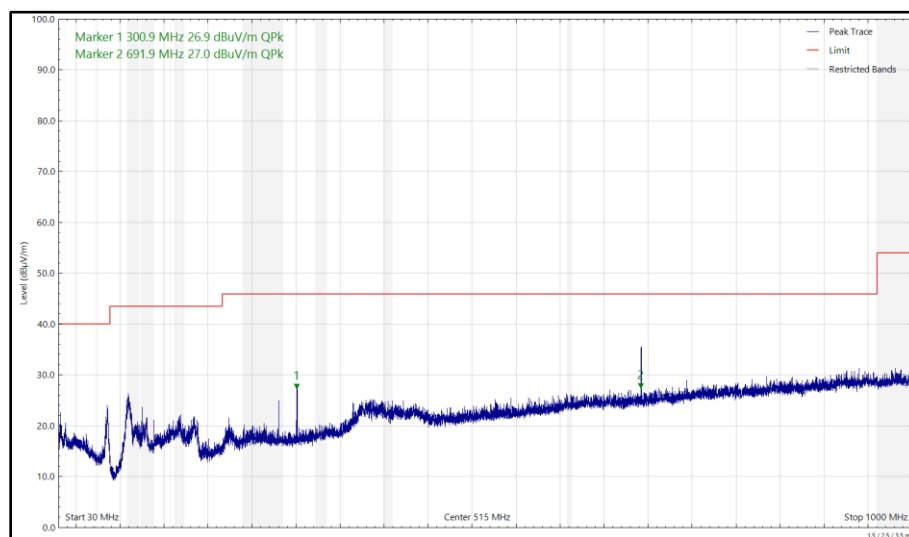


Figure 467 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

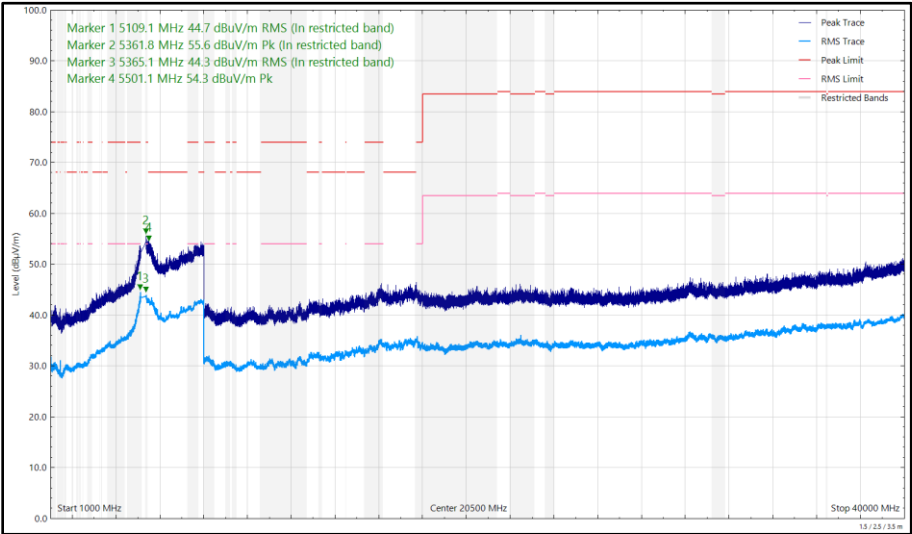


Figure 468 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5090.427	35.65	54.00	-18.35	RMS	8	390	Horizontal
5149.521	43.20	54.00	-10.80	RMS	0	326	Vertical
5390.112	58.42	74.00	-15.58	Peak	360	322	Vertical
5390.948	46.19	54.00	-7.81	RMS	360	346	Vertical
5408.916	38.74	54.00	-15.26	RMS	113	385	Horizontal
5476.302	55.17	68.20	-13.03	Peak	360	353	Vertical
5514.685	49.80	68.20	-18.40	Peak	71	391	Horizontal
15960.755	34.69	54.00	-19.31	RMS	202	156	Vertical

Table 556 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

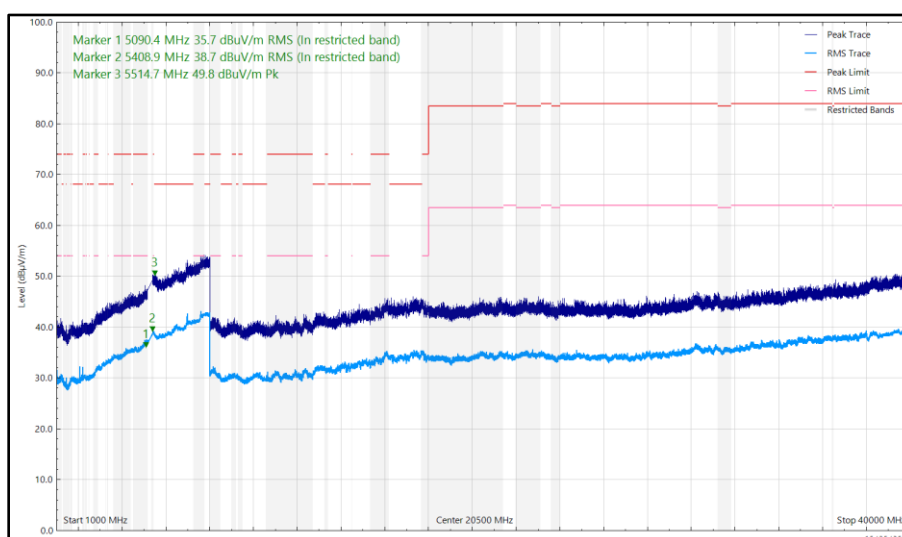


Figure 469 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

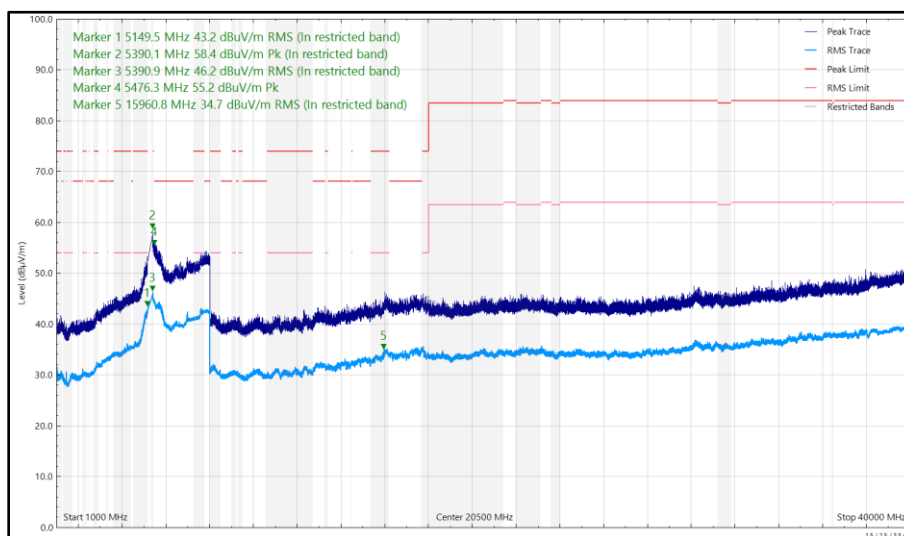


Figure 470 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5344.065	56.64	68.20	-11.56	Peak	2	332	Vertical
5355.537	57.17	74.00	-16.83	Peak	0	311	Vertical
5405.398	45.29	54.00	-8.71	RMS	5	330	Vertical
5409.140	37.48	54.00	-16.52	RMS	125	320	Horizontal
5752.950	55.20	68.20	-13.00	Peak	360	340	Vertical
5840.083	49.49	68.20	-18.71	Peak	202	311	Horizontal

Table 557 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

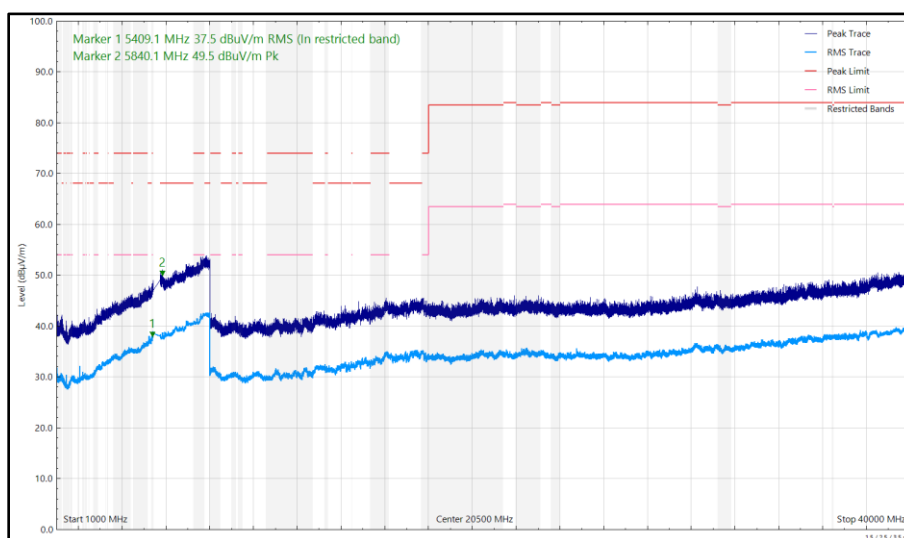


Figure 471 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

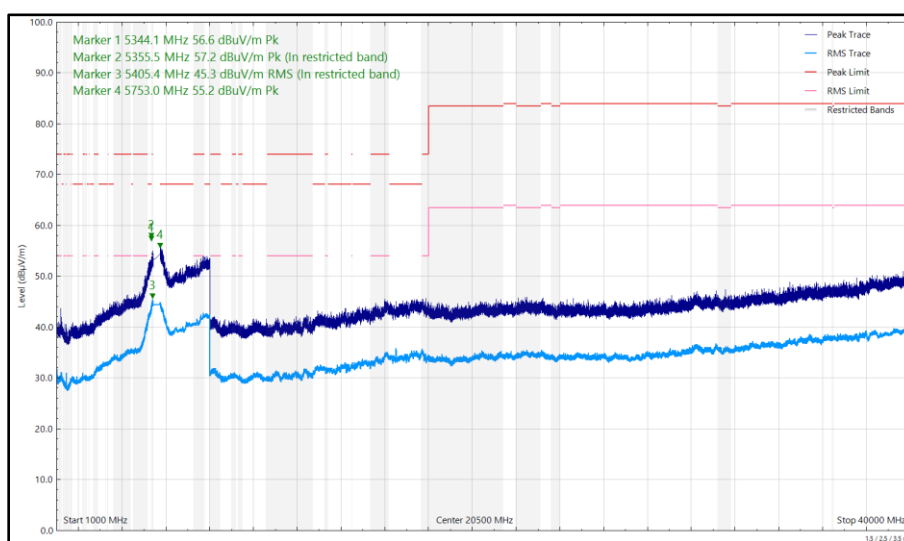


Figure 472 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5453.519	38.12	54.00	-15.88	RMS	55	393	Horizontal
5455.569	43.44	54.00	-10.56	RMS	5	336	Vertical
5467.192	50.15	68.20	-18.05	Peak	233	400	Horizontal
5467.908	55.80	68.20	-12.40	Peak	4	317	Vertical
5763.609	60.43	68.20	-7.77	Peak	5	255	Vertical
5775.102	49.77	68.20	-18.43	Peak	53	392	Horizontal

Table 558 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

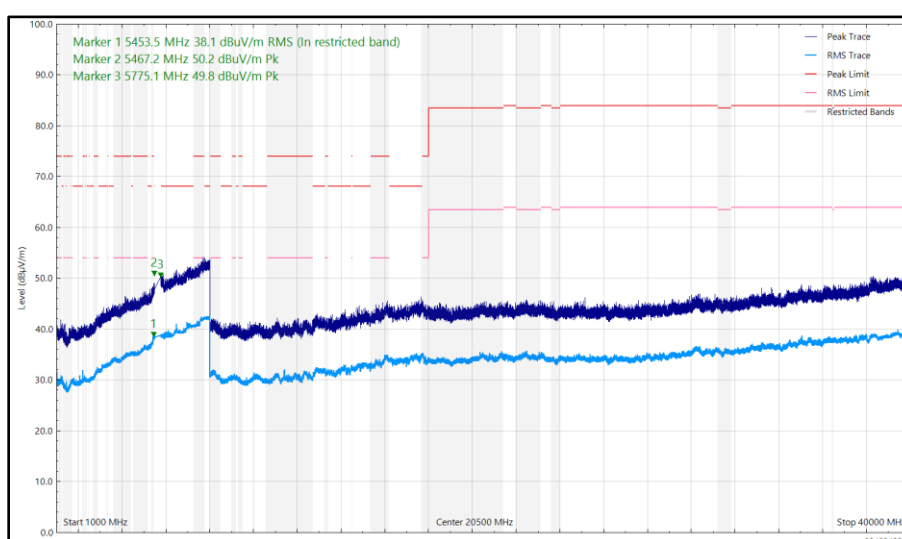


Figure 473 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

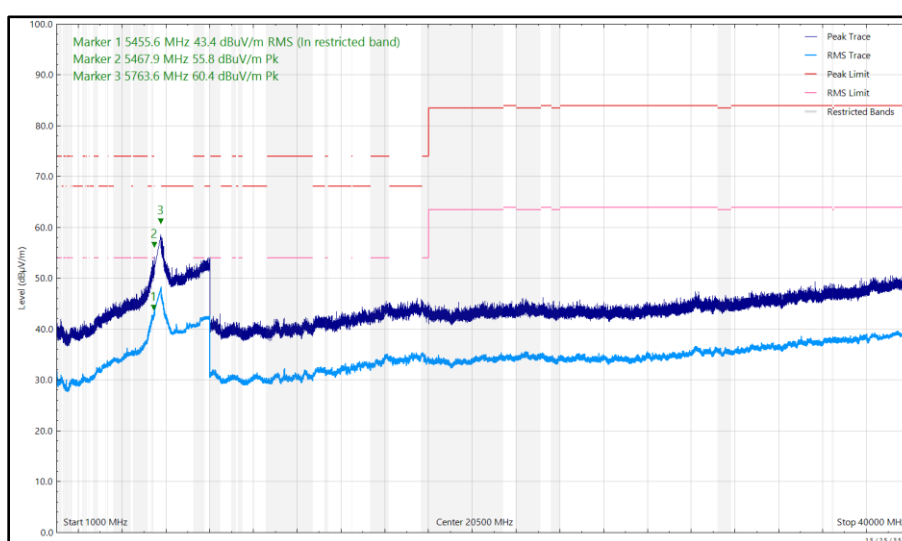


Figure 474 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5452.978	37.56	54.00	-16.44	RMS	116	387	Horizontal
5459.991	42.57	54.00	-11.43	RMS	360	317	Vertical
5594.243	49.83	68.20	-18.37	Peak	292	388	Horizontal
5616.750	56.52	68.20	-11.68	Peak	358	319	Vertical
5851.799	51.78	68.20	-16.42	Peak	70	325	Horizontal
5852.544	57.56	68.20	-10.64	Peak	5	254	Vertical

Table 559 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

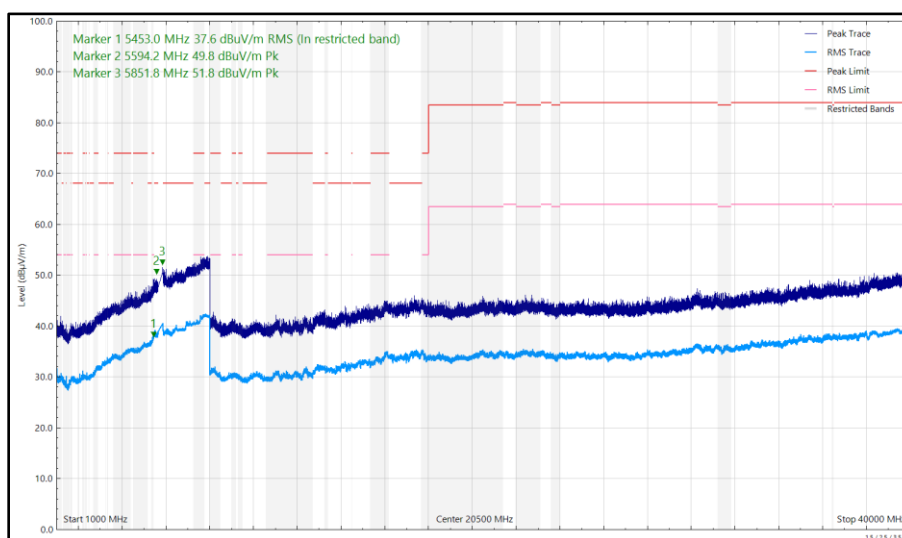


Figure 475 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

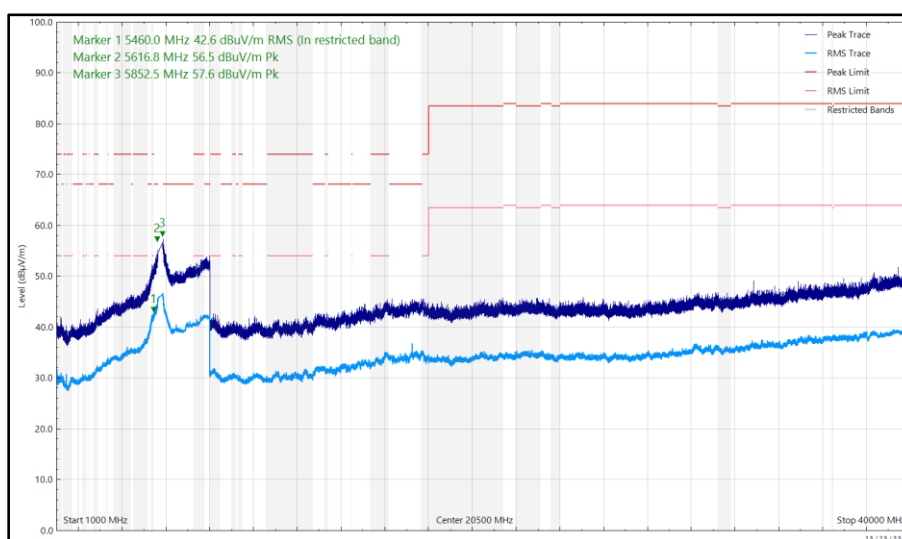


Figure 476 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
32.386	23.32	40.00	-16.68	Q-Peak	161	106	Horizontal
125.018	24.37	43.50	-19.13	Q-Peak	329	302	Vertical
300.849	28.56	46.00	-17.44	Q-Peak	259	104	Vertical
5445.584	41.43	54.00	-12.57	RMS	0	325	Vertical
5452.980	37.29	54.00	-16.71	RMS	302	290	Horizontal
5703.205	50.48	68.20	-17.72	Peak	255	207	Horizontal
5706.320	58.62	68.20	-9.58	Peak	3	250	Vertical
5954.641	55.52	68.20	-12.68	Peak	348	264	Vertical
6130.121	50.25	68.20	-17.95	Peak	67	390	Horizontal

Table 560 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

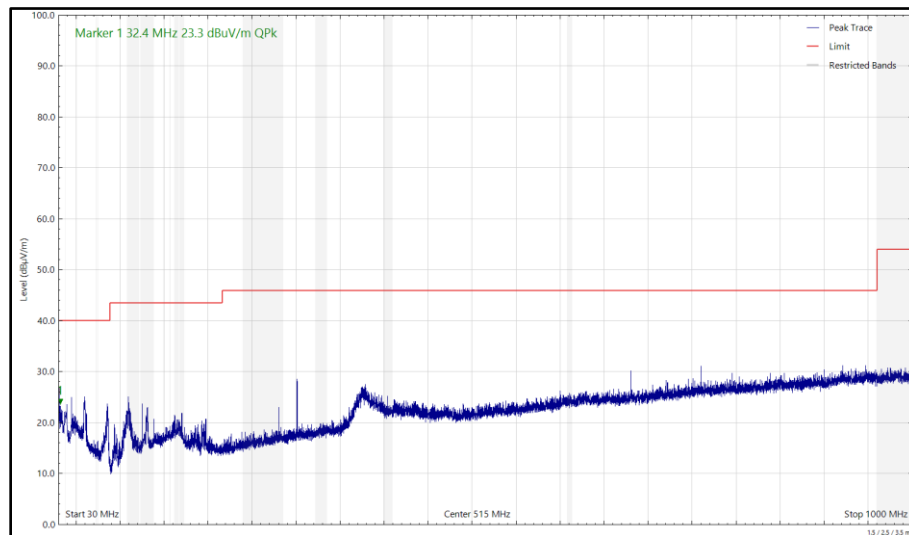


Figure 477 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

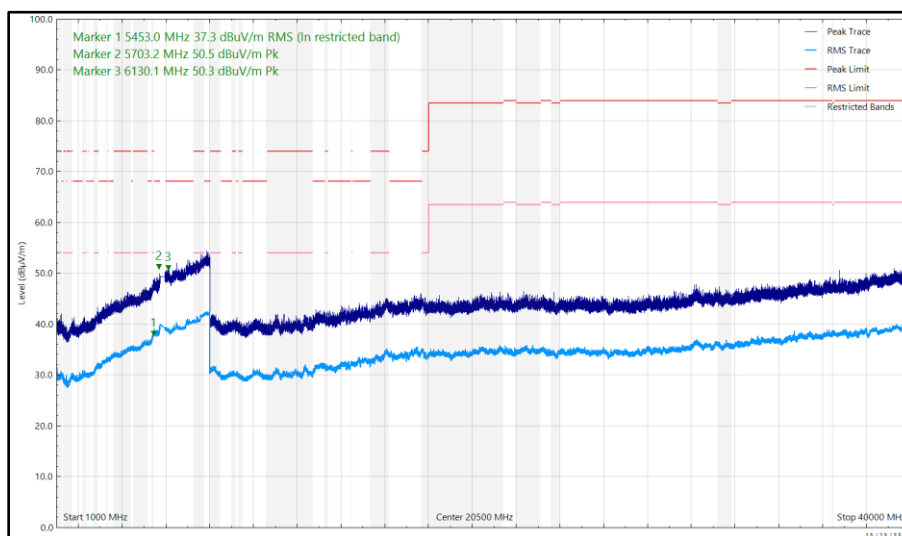


Figure 478 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

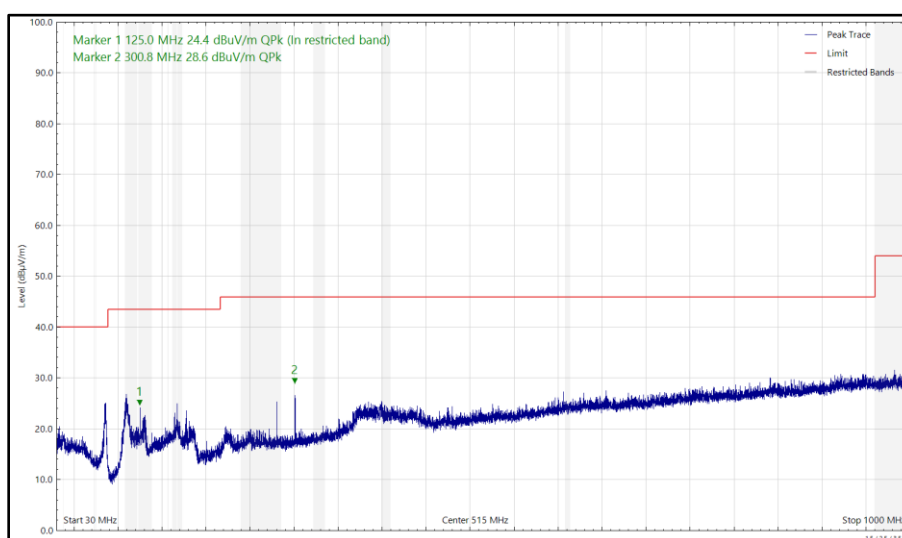


Figure 479 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

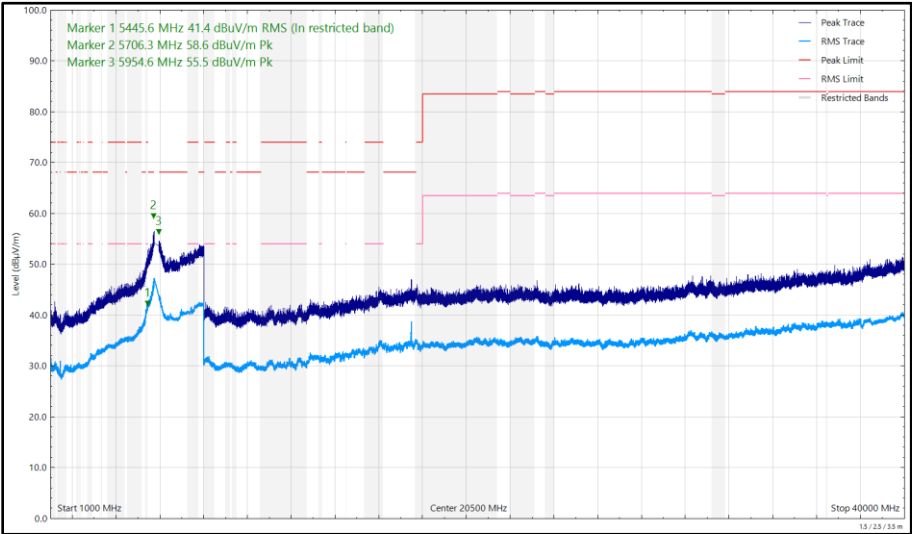


Figure 480 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
31.826	24.33	40.00	-15.67	Q-Peak	261	144	Horizontal
125.015	24.97	43.50	-18.53	Q-Peak	344	244	Vertical
300.842	26.67	46.00	-19.33	Q-Peak	259	108	Horizontal
5102.121	58.67	74.00	-15.33	Peak	0	302	Vertical
5109.495	39.13	54.00	-14.87	RMS	119	390	Horizontal
5109.553	46.42	54.00	-7.58	RMS	331	277	Vertical
5364.606	57.94	74.00	-16.06	Peak	360	329	Vertical
5365.342	44.96	54.00	-9.04	RMS	351	330	Vertical
5447.275	39.96	54.00	-14.04	RMS	293	341	Horizontal
5487.675	52.60	68.20	-15.60	Peak	287	336	Horizontal
5500.724	55.77	68.20	-12.43	Peak	358	323	Vertical

Table 561 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

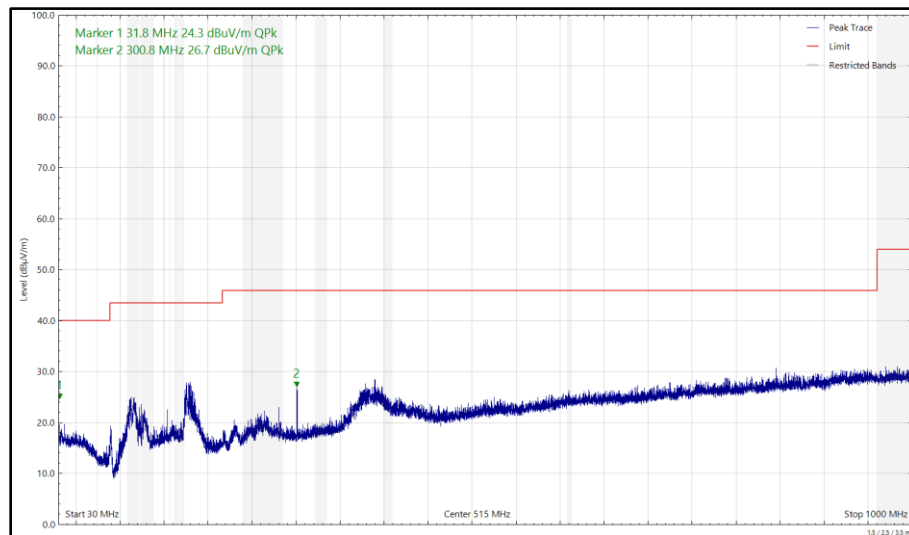


Figure 481 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

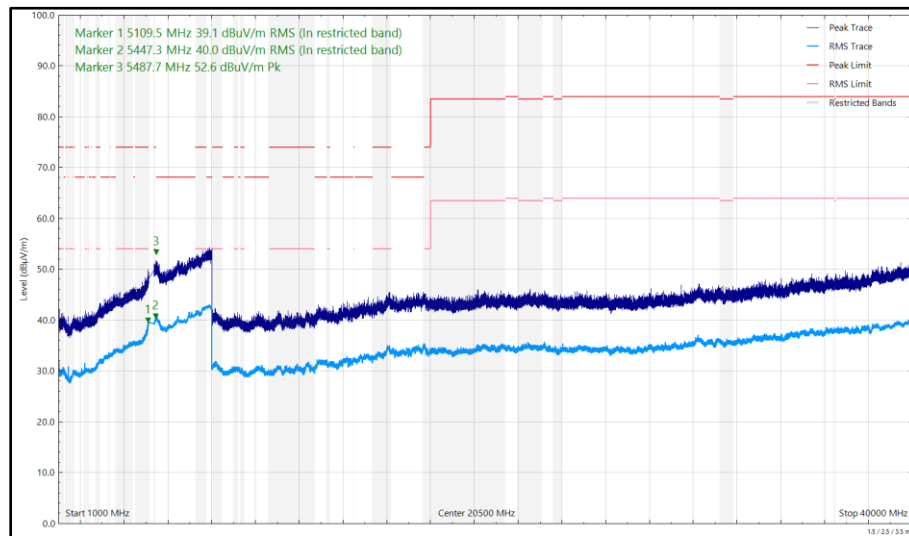


Figure 482 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

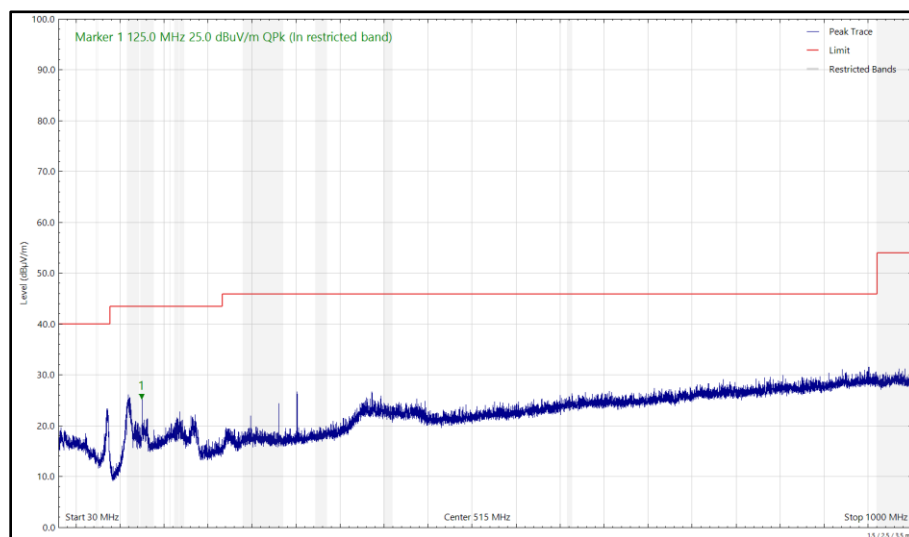


Figure 483 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

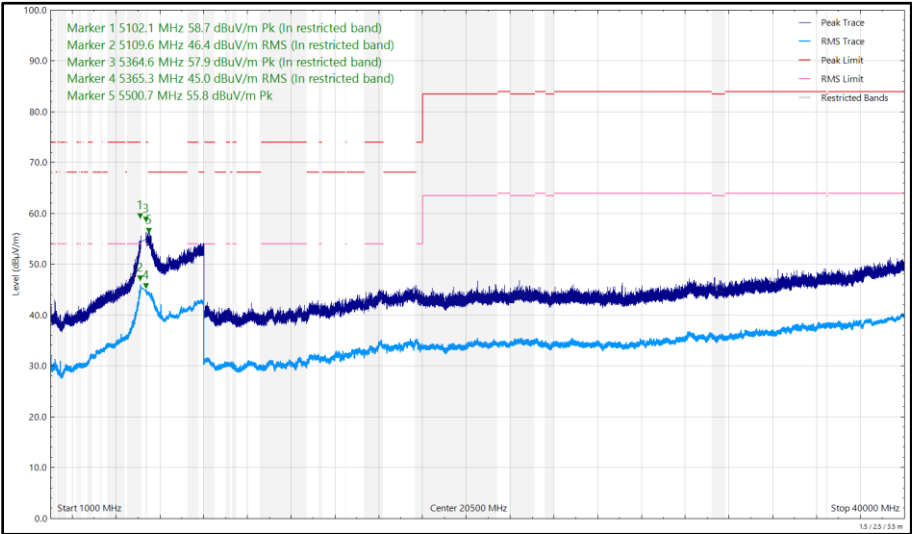


Figure 484 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5146.293	57.44	74.00	-16.56	Peak	358	297	Vertical
5148.393	38.22	54.00	-15.78	RMS	110	400	Horizontal
5149.709	44.72	54.00	-9.28	RMS	337	312	Vertical
5390.232	47.50	54.00	-6.50	RMS	0	339	Vertical
5390.614	59.86	74.00	-14.14	Peak	349	323	Vertical
5418.705	41.01	54.00	-12.99	RMS	288	390	Horizontal
5463.737	53.38	68.20	-14.82	Peak	287	356	Horizontal
5503.503	56.67	68.20	-11.53	Peak	0	341	Vertical

Table 562 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

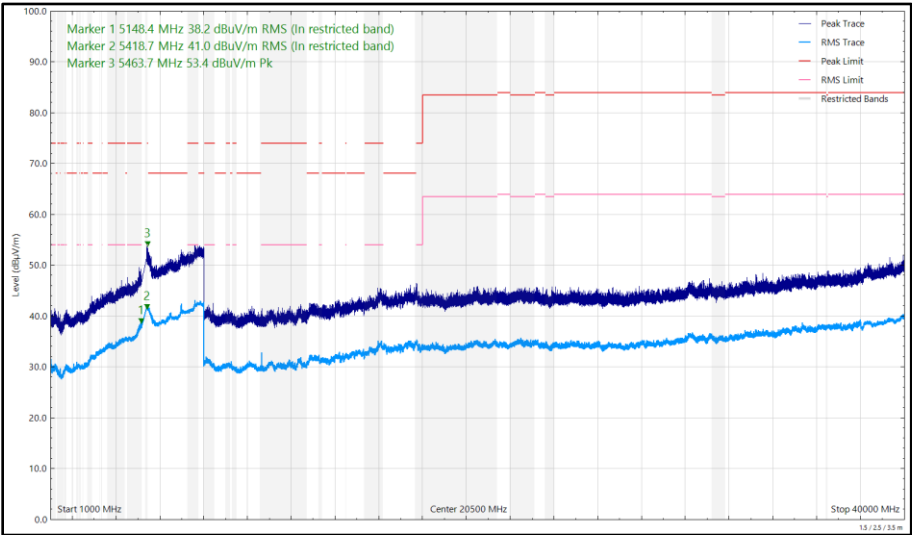


Figure 485 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

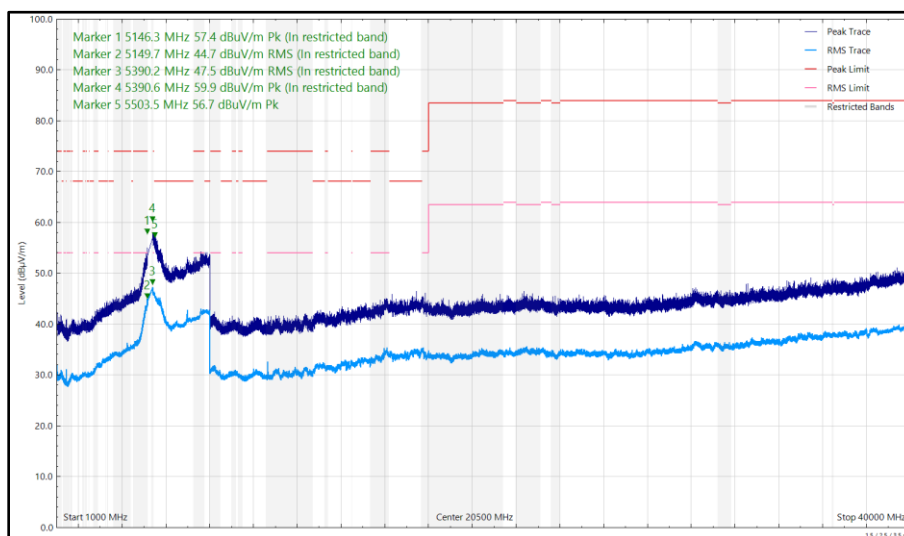


Figure 486 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5327.737	51.69	68.20	-16.51	Peak	290	399	Horizontal
5333.948	57.37	68.20	-10.83	Peak	0	323	Vertical
5376.356	58.52	74.00	-15.48	Peak	2	329	Vertical
5392.793	46.45	54.00	-7.55	RMS	0	321	Vertical
5409.046	41.10	54.00	-12.90	RMS	286	326	Horizontal
5733.332	51.17	68.20	-17.03	Peak	300	391	Horizontal
5758.592	56.74	68.20	-11.46	Peak	3	256	Vertical
16498.985	51.27	68.20	-16.93	Peak	146	110	Vertical

Table 563 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

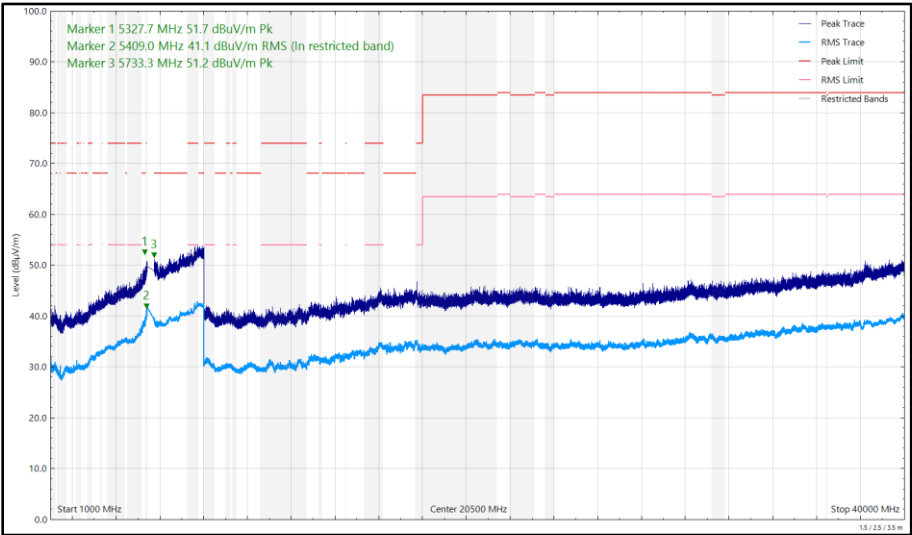


Figure 487 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

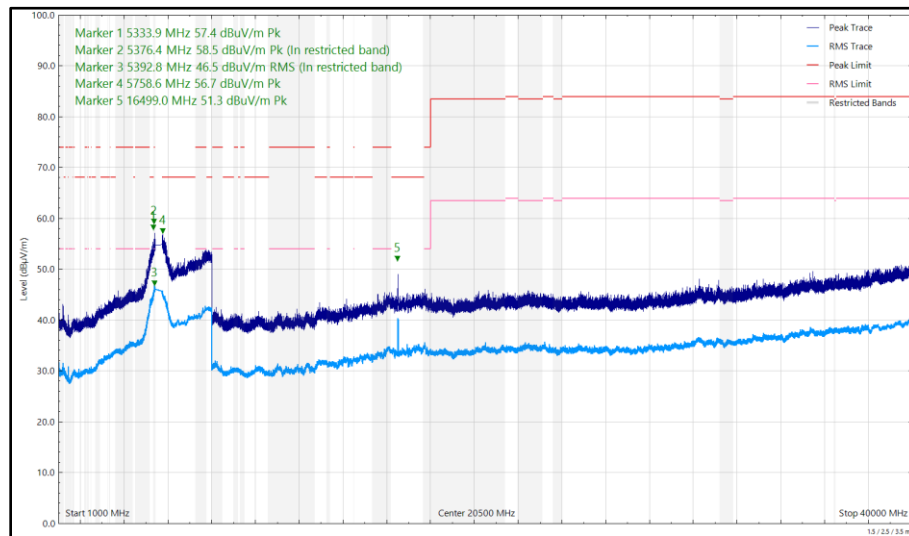


Figure 488 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5455.233	40.32	54.00	-13.68	RMS	291	350	Horizontal
5455.623	56.79	74.00	-17.21	Peak	360	235	Vertical
5458.281	44.22	54.00	-9.78	RMS	360	326	Vertical
5469.232	52.39	68.20	-15.81	Peak	287	390	Horizontal
5469.621	56.65	68.20	-11.55	Peak	0	319	Vertical
5760.184	61.10	68.20	-7.10	Peak	6	242	Vertical
5761.515	52.98	68.20	-15.22	Peak	304	399	Horizontal

Table 564 - U-NII-2C - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

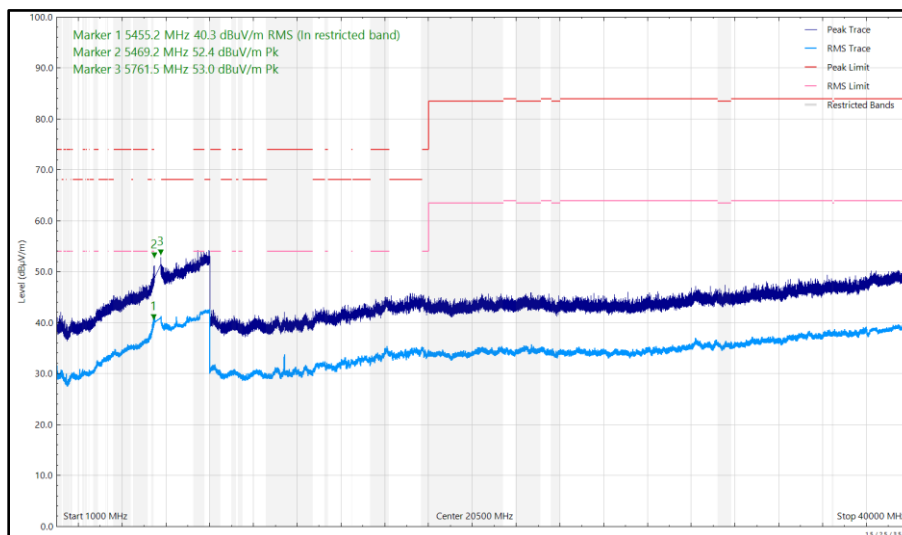


Figure 489 - U-NII-2C - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

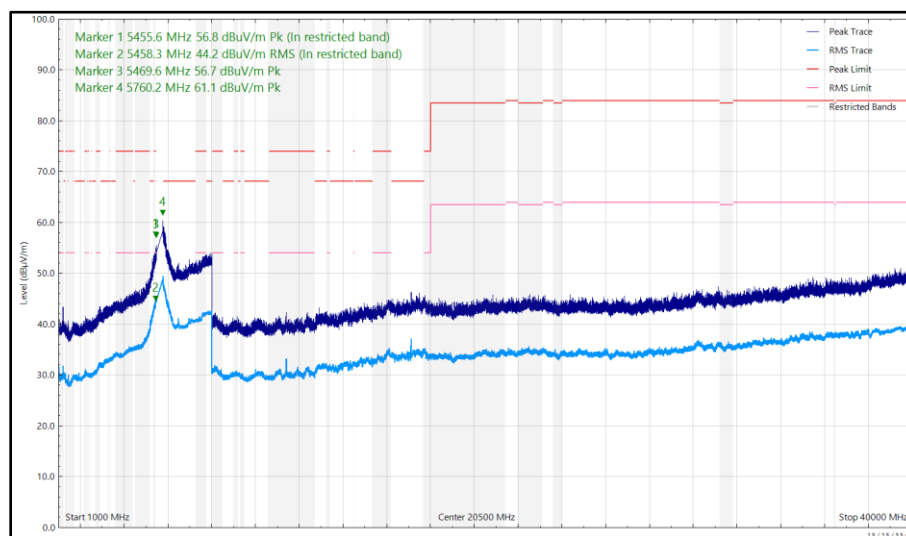


Figure 490 - U-NII-2C - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5452.758	43.79	54.00	-10.21	RMS	356	250	Vertical
5455.864	39.86	54.00	-14.14	RMS	293	400	Horizontal
5496.535	52.85	68.20	-15.35	Peak	289	356	Horizontal
5609.574	57.00	68.20	-11.20	Peak	0	272	Vertical
5852.155	53.19	68.20	-15.01	Peak	296	400	Horizontal
5855.574	57.73	68.20	-10.47	Peak	360	264	Vertical

Table 565 - U-NII-3 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

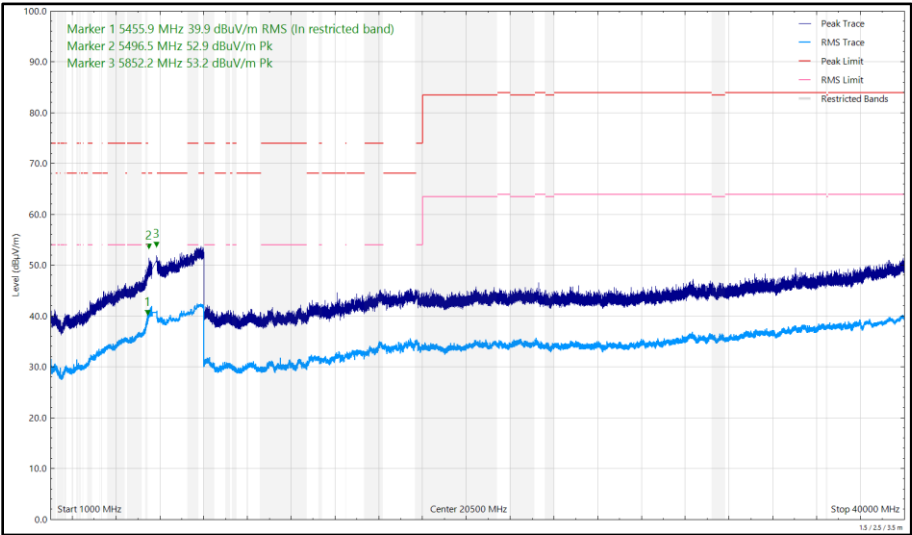


Figure 491 - U-NII-3 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

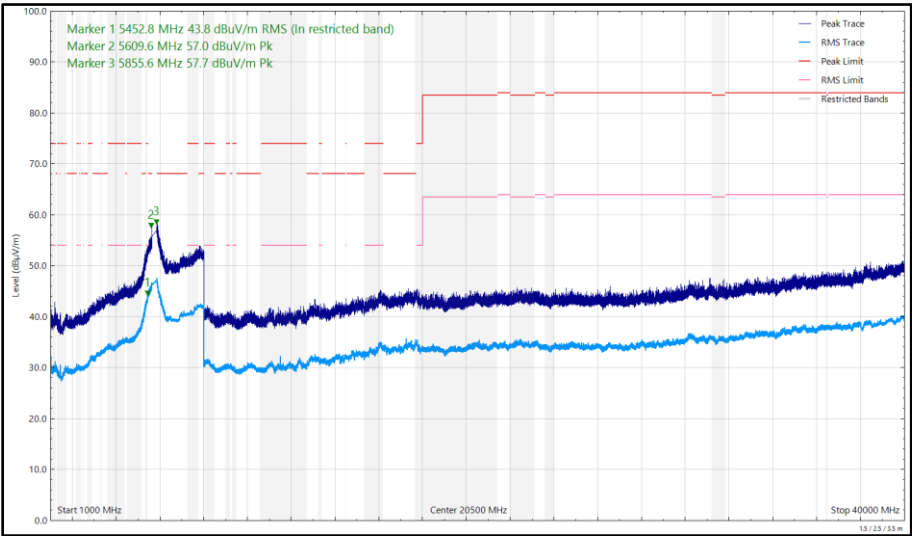


Figure 492 - U-NII-3 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
30.239	25.00	40.00	-15.00	Q-Peak	339	106	Vertical
300.846	29.13	46.00	-16.87	Q-Peak	10	160	Vertical
300.866	27.27	46.00	-18.73	Q-Peak	254	103	Horizontal
760.639	28.38	46.00	-17.62	Q-Peak	42	372	Vertical
5458.736	39.05	54.00	-14.95	RMS	284	397	Horizontal
5459.186	42.66	54.00	-11.34	RMS	0	291	Vertical
5459.638	55.34	74.00	-18.66	Peak	357	328	Vertical
5484.350	52.50	68.20	-15.70	Peak	285	349	Horizontal
5705.984	58.90	68.20	-9.30	Peak	7	319	Vertical
5998.787	50.86	68.20	-17.34	Peak	76	389	Horizontal
6008.232	56.74	68.20	-11.46	Peak	352	265	Vertical

Table 566 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

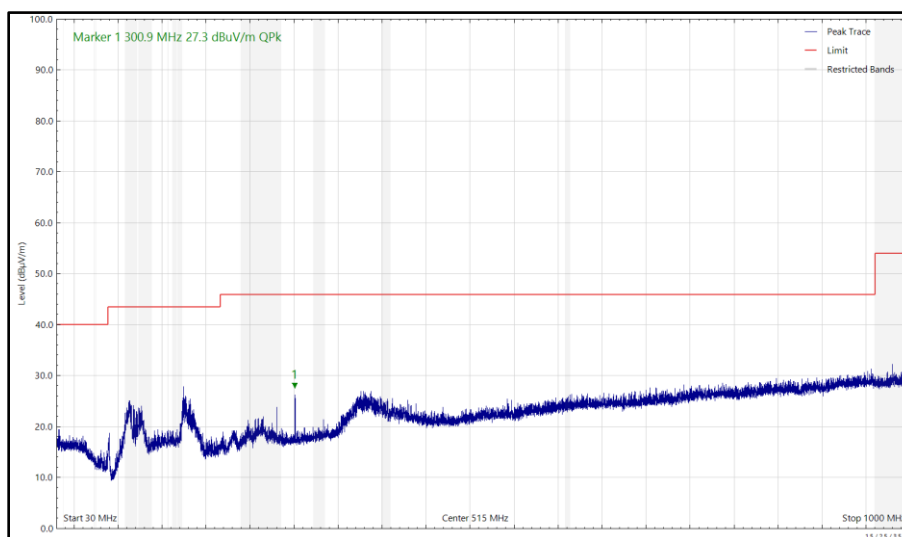


Figure 493 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

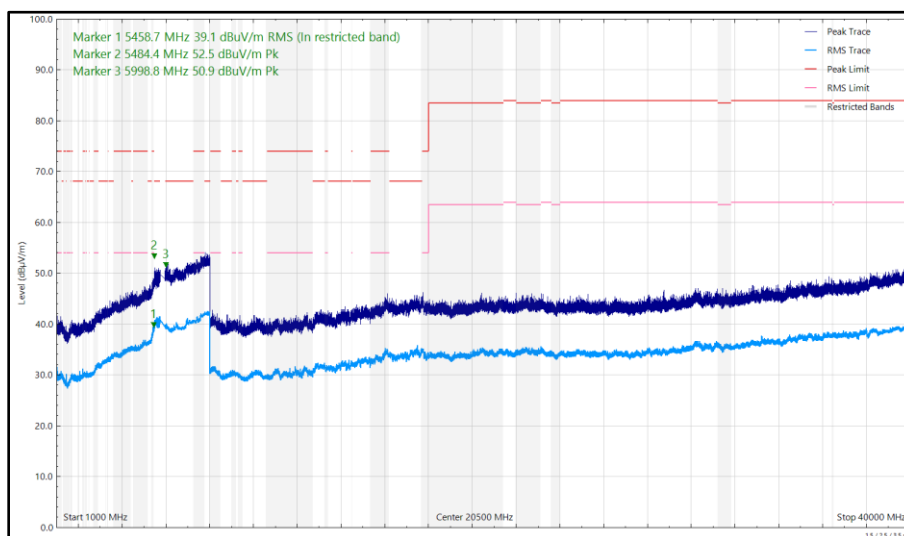


Figure 494 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

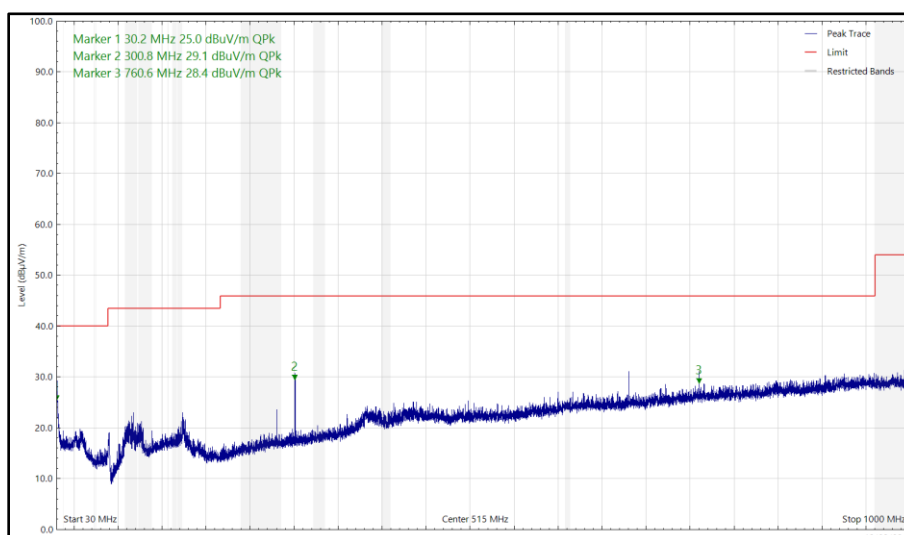


Figure 495 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

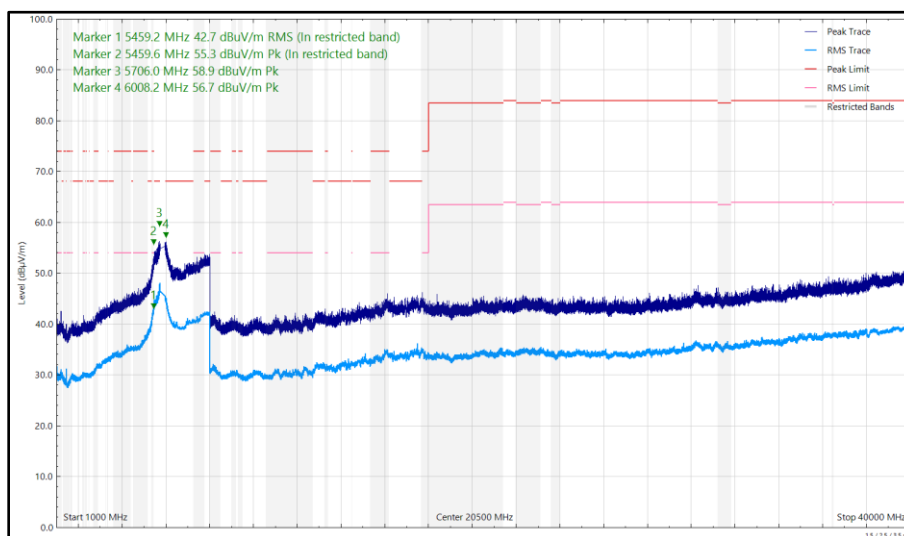


Figure 496 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
30.468	24.20	40.00	-15.80	Q-Peak	254	110	Vertical
300.858	29.03	46.00	-16.97	Q-Peak	350	169	Vertical
758.831	28.41	46.00	-17.59	Q-Peak	252	158	Vertical
4232.423	34.05	54.00	-19.95	RMS	164	100	Vertical
5107.459	58.81	74.00	-15.19	Peak	6	303	Vertical
5109.497	38.73	54.00	-15.27	RMS	123	321	Horizontal
5109.925	46.33	54.00	-7.67	RMS	2	321	Vertical
5367.721	45.04	54.00	-8.96	RMS	3	324	Vertical
5370.593	56.95	74.00	-17.05	Peak	1	314	Vertical
5459.208	40.25	54.00	-13.75	RMS	290	369	Horizontal
5489.541	52.30	68.20	-15.90	Peak	294	356	Horizontal
5489.550	57.16	68.20	-11.04	Peak	8	324	Vertical
15514.925	38.08	54.00	-15.92	RMS	162	105	Vertical

Table 567 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

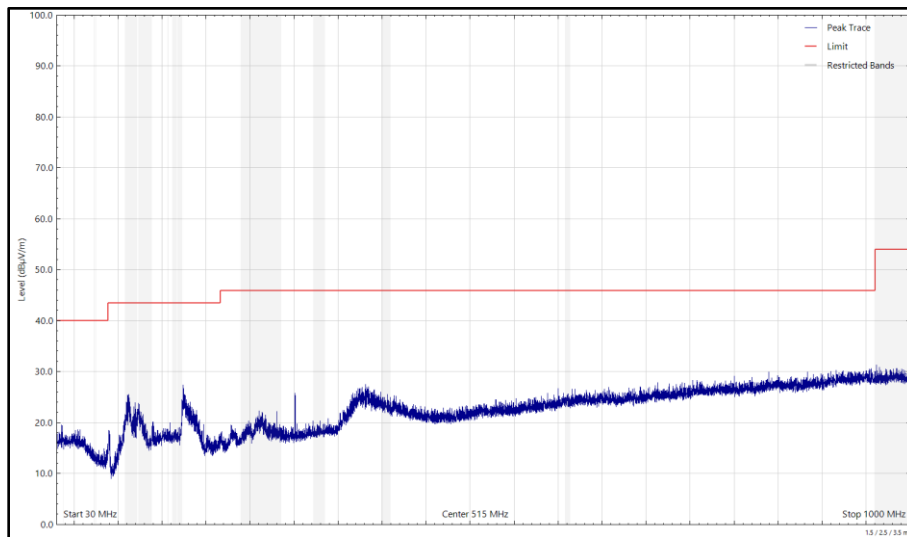


Figure 497 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

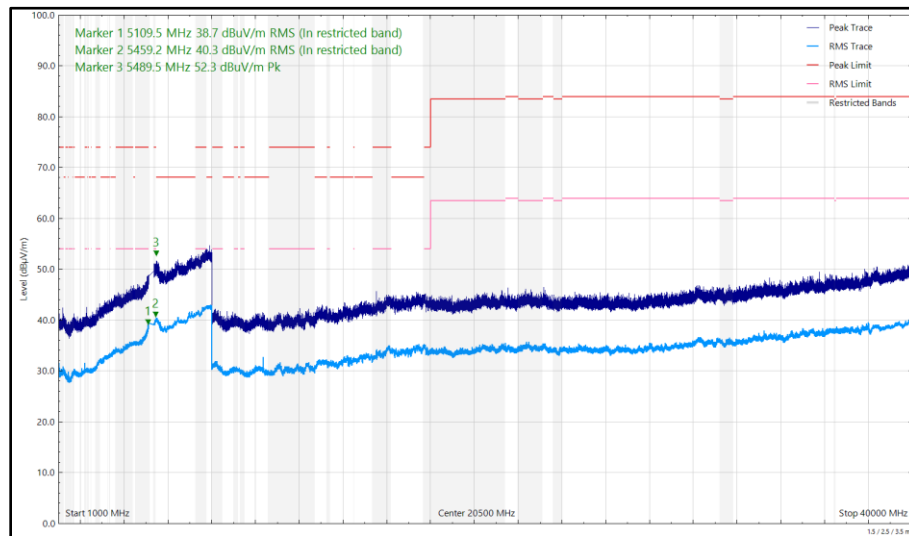


Figure 498 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

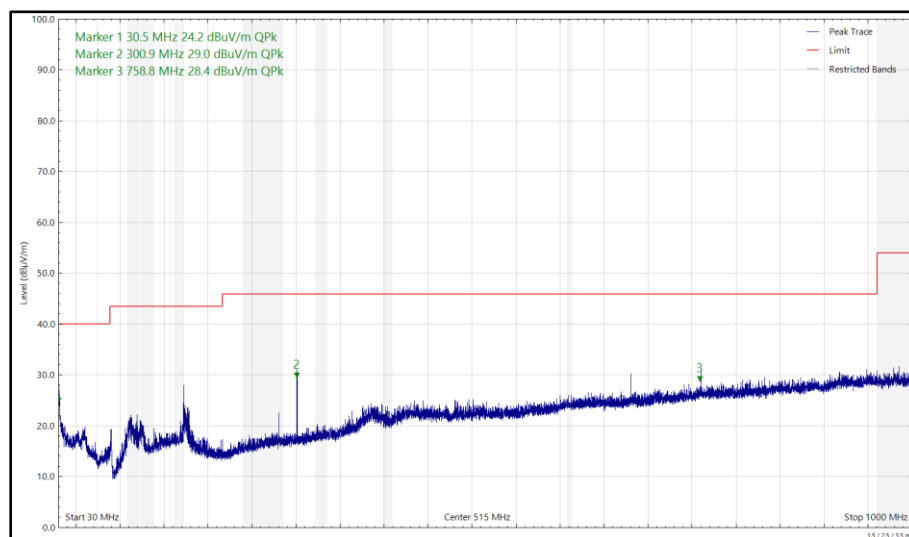
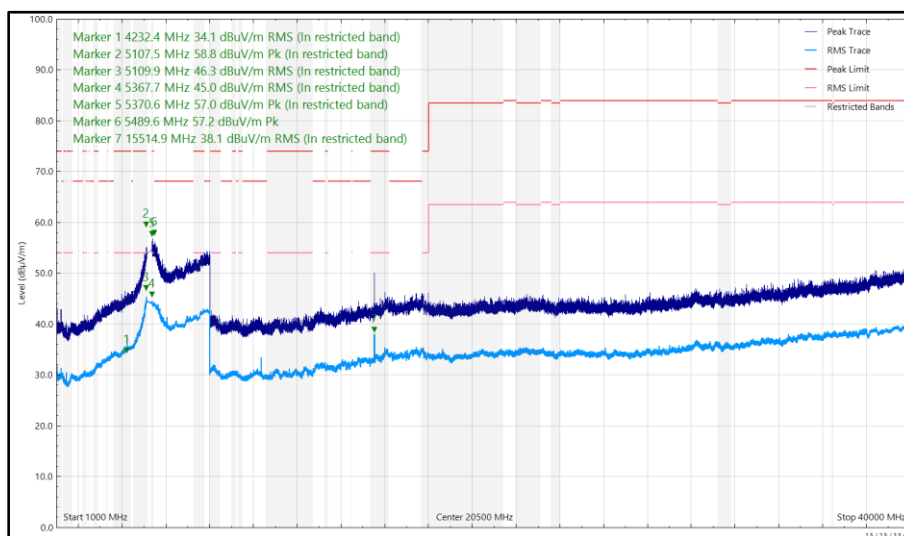


Figure 499 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)



**Figure 500 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, 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
5147.565	44.77	54.00	-9.23	RMS	335	287	Vertical
5148.391	57.32	74.00	-16.68	Peak	0	314	Vertical
5149.973	37.46	54.00	-16.54	RMS	123	308	Horizontal
5390.122	46.79	54.00	-7.21	RMS	350	330	Vertical
5397.155	59.24	74.00	-14.76	Peak	350	328	Vertical
5409.662	40.73	54.00	-13.27	RMS	282	398	Horizontal
5460.118	52.97	68.20	-15.23	Peak	289	351	Horizontal
5485.768	56.52	68.20	-11.68	Peak	360	307	Vertical
10625.655	35.21	54.00	-18.79	RMS	281	395	Horizontal
10625.680	34.05	54.00	-19.95	RMS	294	120	Vertical
15937.120	41.54	54.00	-12.46	RMS	208	102	Vertical
15937.960	37.73	54.00	-16.27	RMS	80	263	Horizontal

Table 568 - U-NII-2A - 5320 MHz (CH64), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

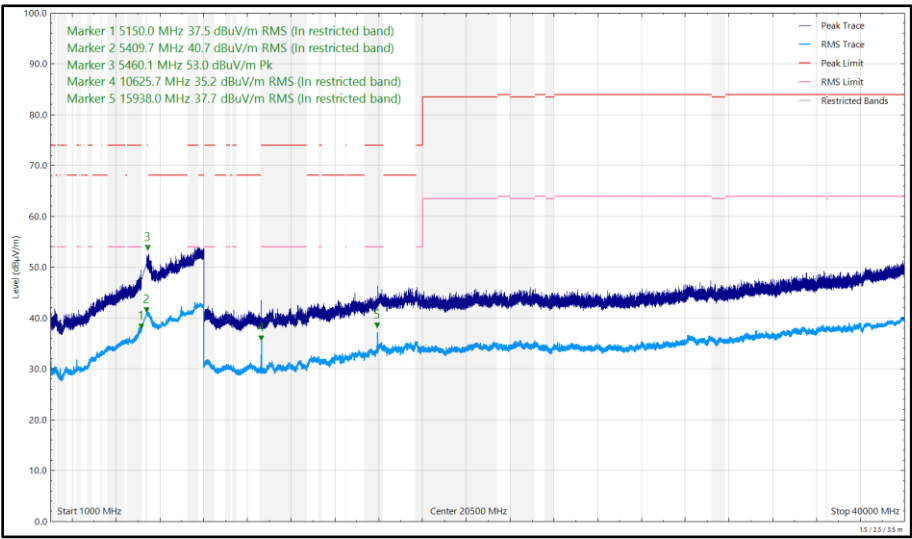
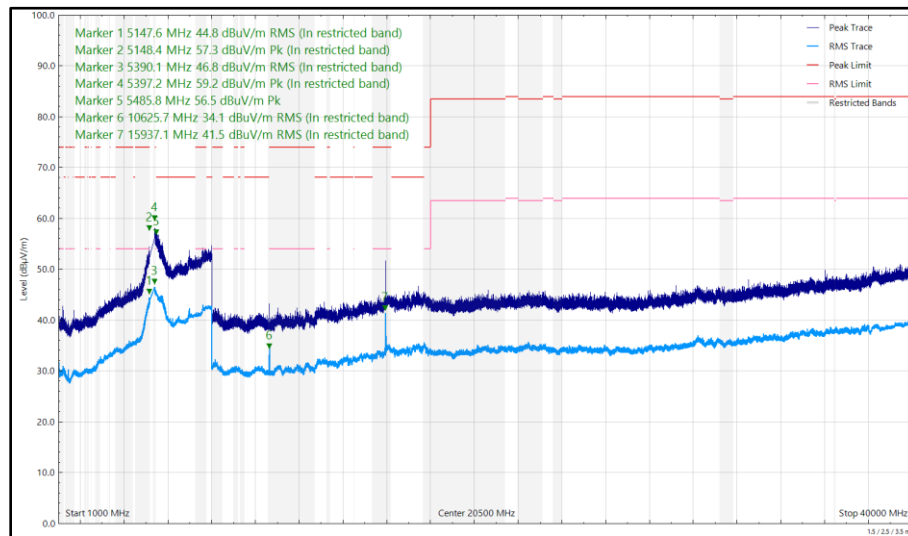


Figure 501 - U-NII-2A - 5320 MHz (CH64), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal



**Figure 502 - U-NII-2A - 5320 MHz (CH64), HE20, RU52-37, CDD, 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
5345.698	58.11	68.20	-10.09	Peak	360	328	Vertical
5347.712	51.05	68.20	-17.15	Peak	287	345	Horizontal
5395.343	46.02	54.00	-7.98	RMS	5	317	Vertical
5399.583	58.10	74.00	-15.90	Peak	355	301	Vertical
5409.531	40.73	54.00	-13.27	RMS	291	327	Horizontal
5730.933	50.82	68.20	-17.38	Peak	298	398	Horizontal
5731.113	57.50	68.20	-10.70	Peak	7	269	Vertical
16474.836	50.18	68.20	-18.02	Peak	215	119	Vertical

Table 569 - U-NII-2C - 5500 MHz (CH100), HE20, RU52-37, CDD, Core 0 + Core 1,
1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

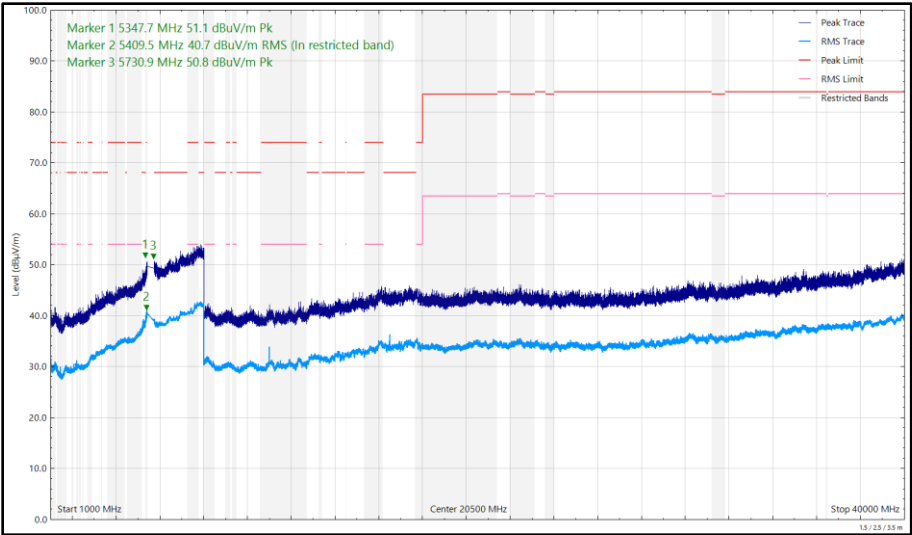
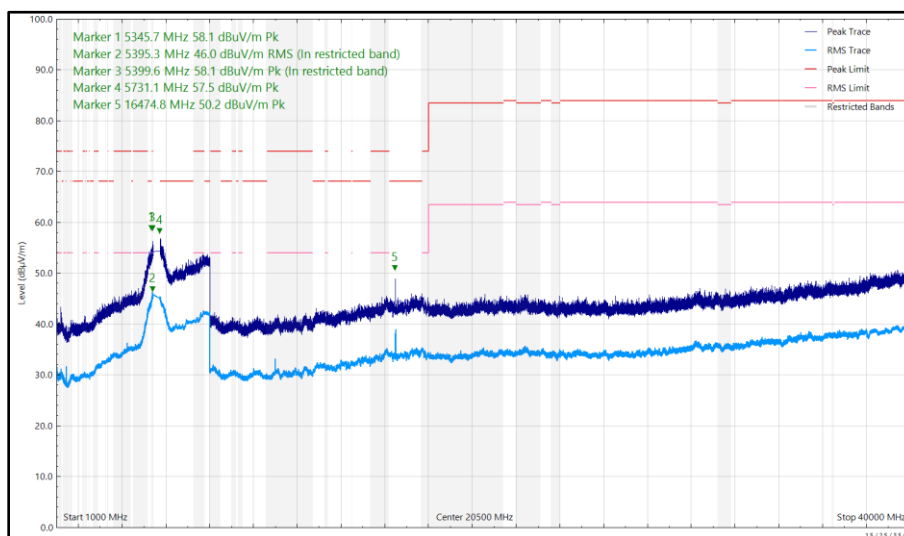


Figure 503 - U-NII-2C - 5500 MHz (CH100), HE20, RU52-37, CDD, Core 0 + Core 1,
1 GHz to 40 GHz, Horizontal

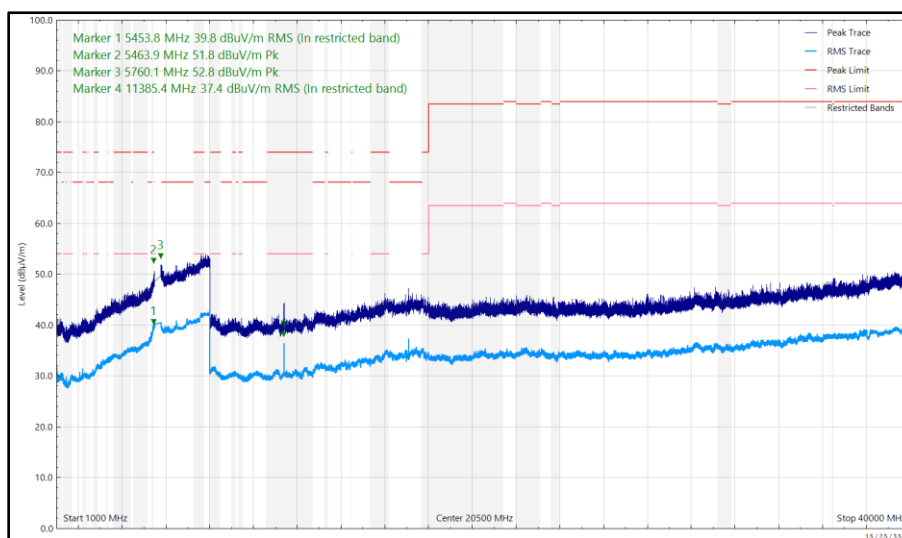


**Figure 504 - U-NII-2C - 5500 MHz (CH100), HE20, RU52-37, CDD, Core 0 + Core 1,
1 GHz to 40 GHz, Vertical**

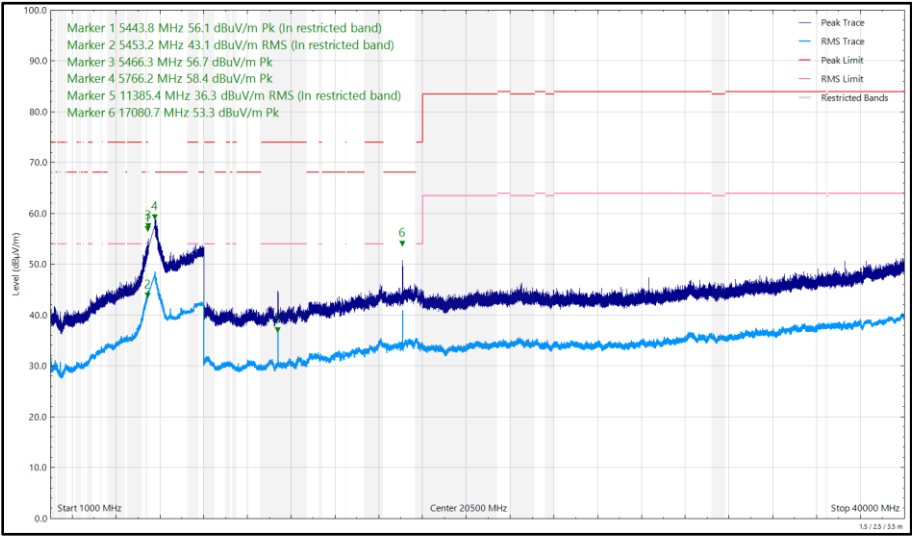
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5443.837	56.12	74.00	-17.88	Peak	0	355	Vertical
5453.222	43.09	54.00	-10.91	RMS	360	287	Vertical
5453.848	39.84	54.00	-14.16	RMS	292	399	Horizontal
5463.860	51.82	68.20	-16.38	Peak	282	392	Horizontal
5466.280	56.68	68.20	-11.52	Peak	0	360	Vertical
5760.107	52.78	68.20	-15.42	Peak	298	388	Horizontal
5766.219	58.40	68.20	-9.80	Peak	11	213	Vertical
11385.435	37.39	54.00	-16.61	RMS	286	381	Horizontal
11385.440	36.25	54.00	-17.75	RMS	302	157	Vertical
17080.690	53.26	68.20	-14.94	Peak	143	100	Vertical

**Table 570 - U-NII-2C - 5700 MHz (CH140), HE20, RU52-37, CDD, Core 0 + Core 1,
1 GHz to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 505 - U-NII-2C - 5700 MHz (CH140), HE20, RU52-37, CDD, Core 0 + Core 1,
1 GHz to 40 GHz, Horizontal**

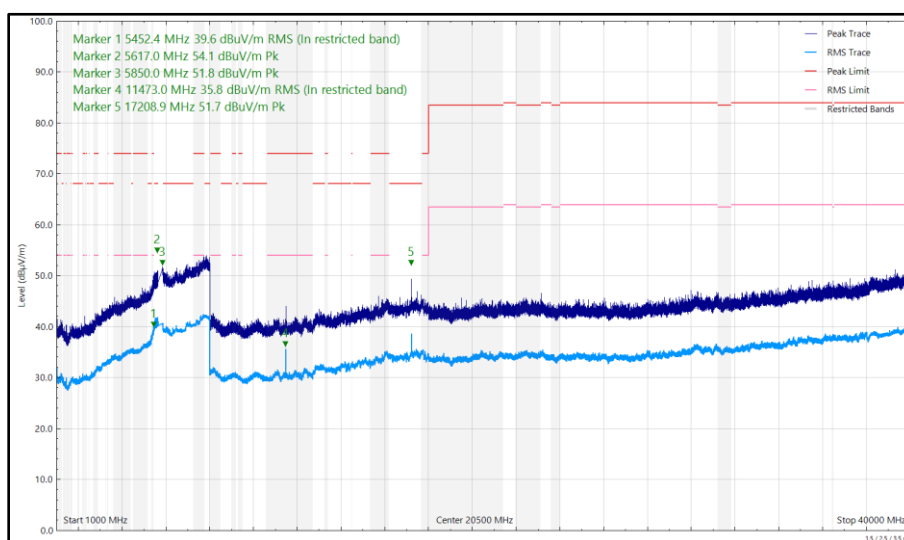


**Figure 506 - U-NII-2C - 5700 MHz (CH140), HE20, RU52-37, CDD, Core 0 + Core 1,
1 GHz to 40 GHz, Vertical**

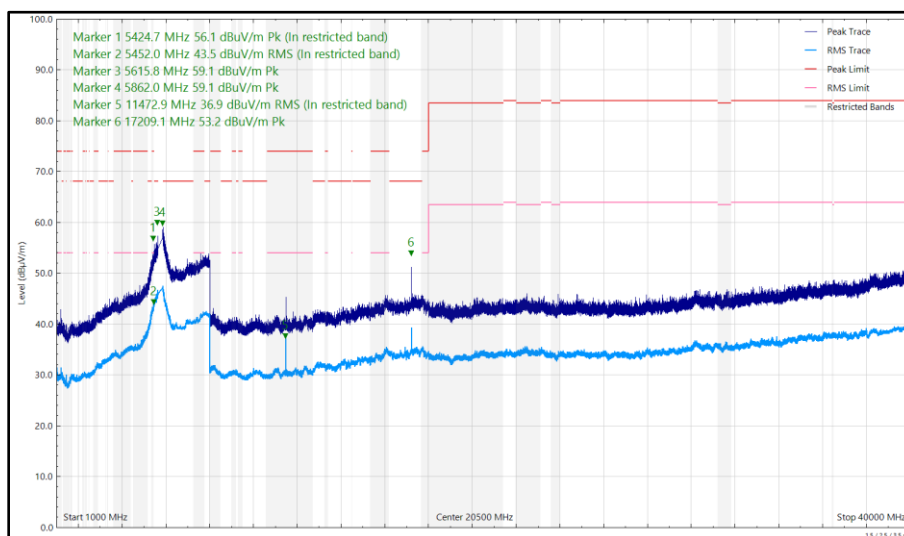
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5424.723	56.05	74.00	-17.95	Peak	0	336	Vertical
5452.043	43.48	54.00	-10.52	RMS	1	302	Vertical
5452.409	39.55	54.00	-14.45	RMS	292	316	Horizontal
5615.810	59.14	68.20	-9.06	Peak	7	327	Vertical
5617.040	54.11	68.20	-14.09	Peak	290	395	Horizontal
5850.009	51.78	68.20	-16.42	Peak	249	400	Horizontal
5862.003	59.06	68.20	-9.14	Peak	352	261	Vertical
11472.905	36.87	54.00	-17.13	RMS	302	147	Vertical
11472.980	35.76	54.00	-18.24	RMS	96	400	Horizontal
17208.900	51.70	68.20	-16.50	Peak	81	345	Horizontal
17209.110	53.16	68.20	-15.04	Peak	142	104	Vertical

**Table 571 - U-NII-3 - 5745 MHz (CH149), HE20, RU26-0, CDD, Core 0 + Core 1,
1 GHz to 40 GHz**

No other emissions found within 10 dB of the limit.



**Figure 507 - U-NII-3 - 5745 MHz (CH149), HE20, RU26-0, CDD, Core 0 + Core 1,
1 GHz to 40 GHz, Horizontal**



**Figure 508 - U-NII-3 - 5745 MHz (CH149), HE20, RU26-0, CDD, 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
30.522	25.14	40.00	-14.86	Q-Peak	296	100	Vertical
300.872	27.86	46.00	-18.14	Q-Peak	0	201	Vertical
675.854	26.89	46.00	-19.11	Q-Peak	10	356	Vertical
5453.978	37.47	54.00	-16.53	RMS	104	314	Horizontal
5454.005	43.13	54.00	-10.87	RMS	351	334	Vertical
5537.674	52.71	68.20	-15.49	Peak	283	368	Horizontal
5697.050	59.32	68.20	-8.88	Peak	3	247	Vertical
5950.538	57.66	68.20	-10.54	Peak	350	255	Vertical
5992.516	50.35	68.20	-17.85	Peak	237	380	Horizontal
11632.655	35.02	54.00	-18.98	RMS	290	155	Vertical
11632.705	35.65	54.00	-18.35	RMS	281	285	Horizontal
17448.850	52.46	68.20	-15.74	Peak	89	363	Horizontal
17448.945	55.92	68.20	-12.28	Peak	142	120	Vertical

Table 572 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

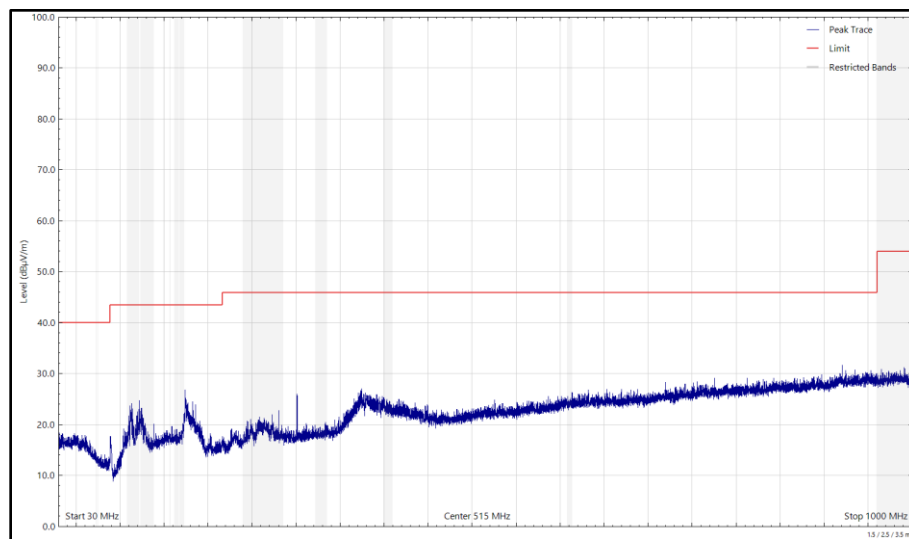


Figure 509 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

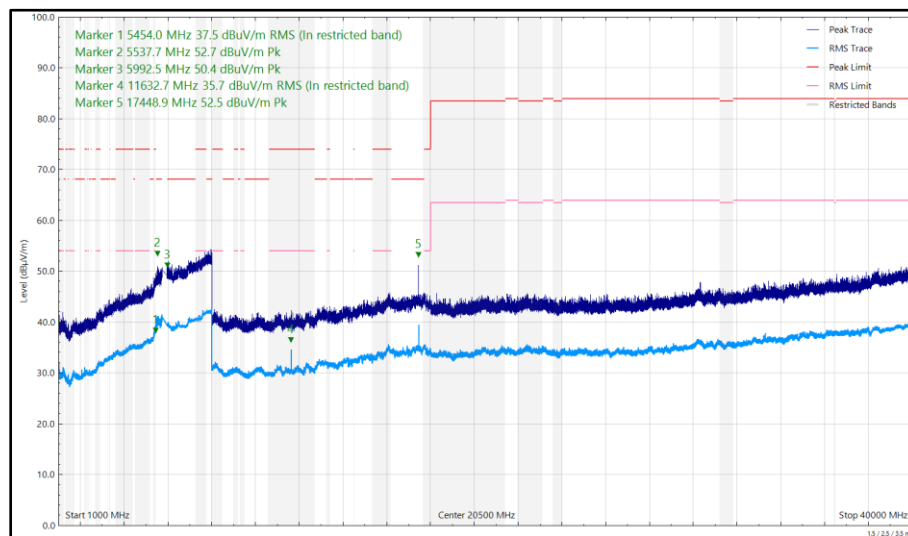


Figure 510 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

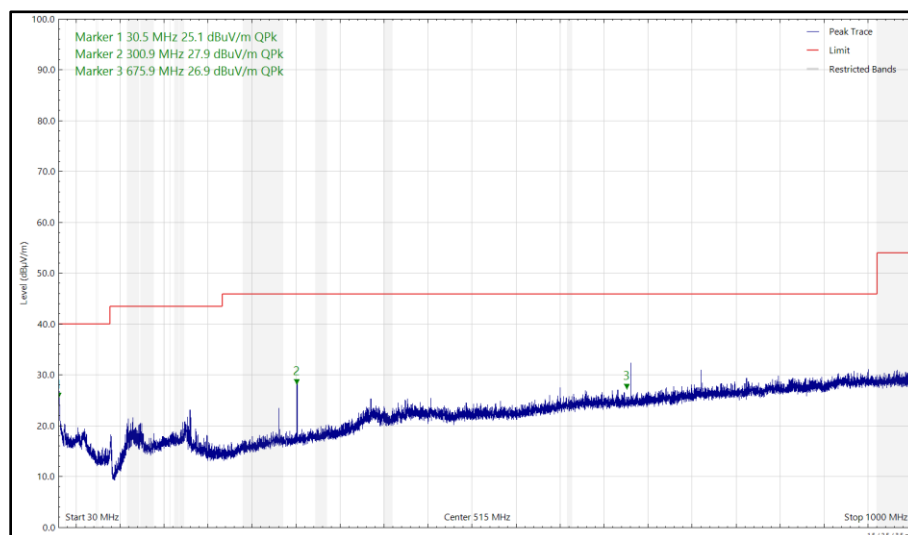


Figure 511 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

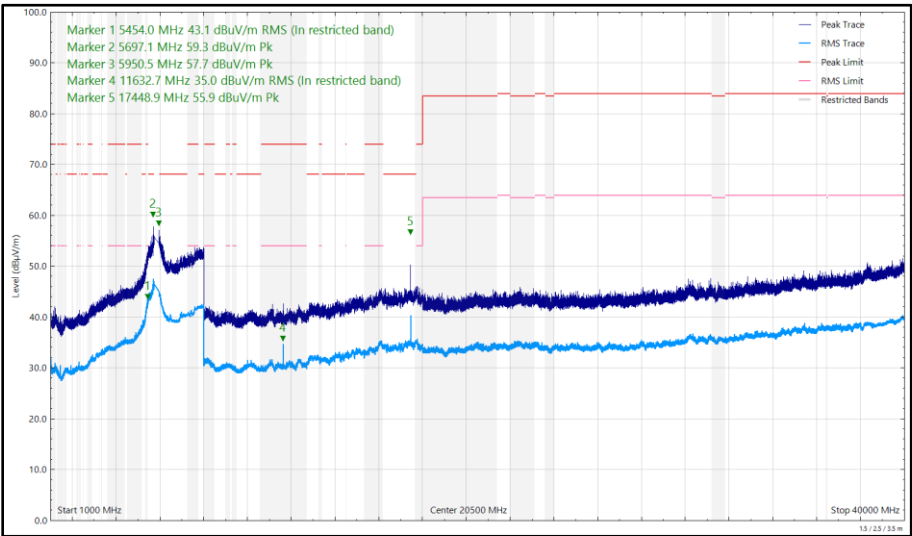


Figure 512 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, Limit Clause 15.407(b)(1)(2)(3)(4)

Emissions not falling within the restricted bands listed in FCC 47 CFR Part 15.209:

For transmitters operating in the 5.15-5.25 GHz band: ≤ -27 dBm/MHz outside 5150-5350 MHz.

For transmitters operating in the 5.25-5.35 GHz band: ≤ -27 dBm/MHz outside 5150-5350 MHz.

For transmitters operating in the 5.47-5.725 GHz band: ≤ -27 dBm/MHz outside 5470-5725 MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Emissions within the restricted bands listed in FCC 47 CFR Part 15.209:

Frequency (MHz)	Field Strength (μ V/m) at 3m	Field Strength Limit (dB μ V/m) at 3m
30 to 88	100	40.00
88 to 216	150	43.52
216 to 960	200	46.02
Above 960	500	53.98

Table 573 - Radiated Emissions Limit Table (FCC)



2.6.8 Test Location and Test Equipment Used

This test was carried out in RF Chamber 16 and RF Chamber 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.4.2	5125	-	Software
Cable 2.92m	Junkosha	MWX241-01000KMS	5413	12	23-May-2025
Test Receiver	Rohde & Schwarz	ESW44	5914	12	24-May-2025
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	5933	12	10-Jun-2025
DRG Horn Antenna (7.5-18GHz)	Schwarzbeck	HWRD750	5939	12	05-May-2025
1500W (300V 12A) AC Power Supply	iTech	IT7324	5957	-	O/P Mon
3m Semi-Anechoic Chamber, Chamber16	Albatross Projects	RF Chamber 16	5972	36	24-May-2025
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
Cable (N to N 1m)	Junkosha	MWX221-01000AMSAMS/B	6009	12	20-May-2025
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	05-May-2025
SAC Switch Unit	TUV SUD	TUV_SSU_001	6144	12	11-Dec-2024
Digital Multimeter	Fluke	115	6147	12	06-Jun-2025
Humidity & Temperature meter	R.S Components	1364	6148	12	29-Jul-2025
Attenuator 4dB	Pasternack	PE7074-4	6204	24	20-Jun-2026
EMI Test Receiver	Rohde & Schwarz	ESW44	6294	12	06-Jan-2025
USB Spectrum Analyser	Signal Hound	SA124B	6295	-	TU
Cable (SMA to SMA 8m)	Junkosha	MWX221-08000AMSAMS/B	6318	12	18-Feb-2025
Digital Multimeter	Fluke	115	6345	12	24-Jul-2025
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6349	12	07-May-2025
USB Spectrum Analyser	Signal Hound	SA124B	6383	-	TU
8 GHz High Pass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6427	12	23-Apr-2025
Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9168	6456	24	10-Feb-2025
Humidity and Temperature Meter	R.S Components	1364	6486	12	04-Jun-2025
3m Semi-Anechoic Chamber	Albatross Projects	Chamber 18	6597	36	07-Feb-2026
Double Ridge Active Horn Antenna (18-40 GHz)	Com-Power	AHA-840	6771	24	17-Jan-2025
Pre Amp 8 - 18 GHz	Wright Technologies	APS06-0061	6783	12	23-Apr-2025



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	6795	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6796	-	TU
Turntable	Maturo Gmbh	TT1.5SI	6797	-	TU
AC Programmable Power Supply	iTech	IT7324	6812	-	O/P Mon
8M SMA Cable	Junkosha	MWX221-08000AMSAMS/B	6833	12	14-Aug-2025

Table 574

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment



2.7 Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period

2.7.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (h)(2)(iii)(iv)

2.7.2 Equipment Under Test and Modification State

A3401, S/N: K9PCWXV94P - Modification State 0

2.7.3 Date of Test

28-September-2024 to 30-September-2024

2.7.4 Test Method

This test was performed in accordance with FCC KDB 905462 D02, clause 7.8.3.

Radar Pulse Type 0 was then transmitted, and the Spectrum monitored. The transmissions from the UUT were observed for a period of 12 seconds after the final injected Radar Pulse.

It was checked that all transmissions stopped within the 10 second period defined from the point of the end of the final Radar pulse + 10 seconds. In addition, the aggregate on time during the first 200ms and the following 9.8 seconds of the Channel Move Time was computed.

The markers on the trace data correspond to the following time periods:

Yellow - End Of Radar Burst, (T0)

Purple - End Of Channel Move Time, (T0 + 10 seconds)

To verify the non-occupancy period, the external trigger was used to trigger a 30-minute sweep from the moment the radar burst sequence was injected. It was verified that no transmissions occurred on the test channel during this time period.

2.7.5 Environmental Conditions

Ambient Temperature 22.9 - 24.9 °C

Relative Humidity 40.4 - 44.2 %

2.7.6 Test Results

5 GHz WLAN - Master to Client

The equipment under test was a Client without Radar Detection.

This test was performed in the following mode of operation: 802.11ax HE160.

The equipment was set up as shown in the diagram below. The test laptop was configured to run iPerf, transmitting UDP data to the EUT via the DFS Master. The channel loading was set to >17% by adjusting the bandwidth specified in the iPerf UDP transfer.

To calibrate the level of the radar at the input to the companion device, the companion device was replaced by the spectrum analyser and the output of the vector signal generator adjusted to give -62 dBm.

Radar Type	Pulse Width (μ s)	PRI (μ s)	Number of Pulses
0	1	1428	18

Table 575 - Radar Pulse Type 0 Characteristics

Manufacturer	Model	Serial Number	FCC ID
ASUS	GT-AXE11000	M8IG0X400285XVN	MSQ-RTAXJF00

Table 576 - Details of Master Device used to support testing

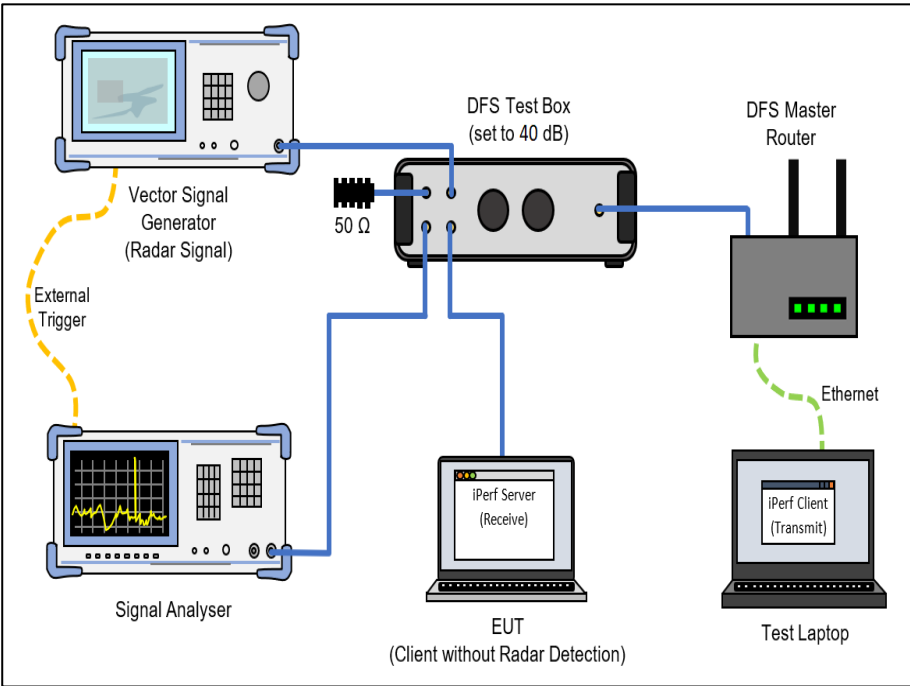


Figure 513 - Test Equipment Setup Diagram for Client without Radar Detection with Injection at the Master



Figure 514 - Verification of Radar Type 0

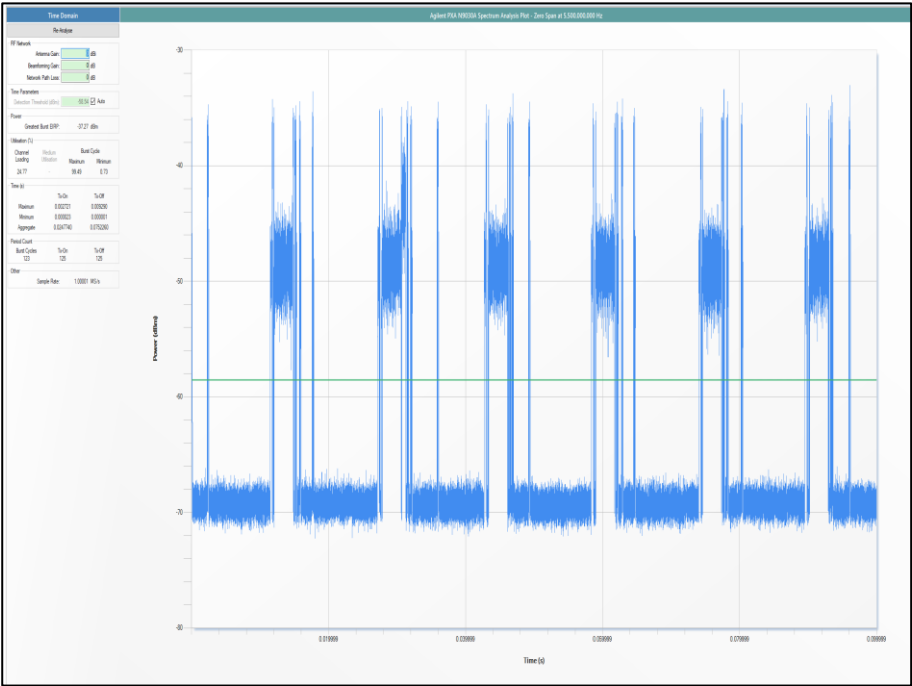


Figure 515 - Channel Loading

The channel loading was 24.77%



Maximum Transmit Power	Value (Notes 1 and 2)
≥ 200 milliwatt	-64 dBm
< 200 milliwatt	-62 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.	

Table 577 - DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Test Parameter	Result
Test Channel	CH114 (5570 MHz), Control CH100 (5500 MHz)
Channel Move Time	0.013
Channel Closing Time (Aggregate Time During 200 ms)	0.720
Channel Closing Time (Aggregate Time During 200 ms to 10 s)	0.000
Channel Closing Time (Aggregate Time During 10 s)	0.720
Transmission Observed During Non-Occupancy Period	No

Table 578 - In-Service Monitoring Test Results

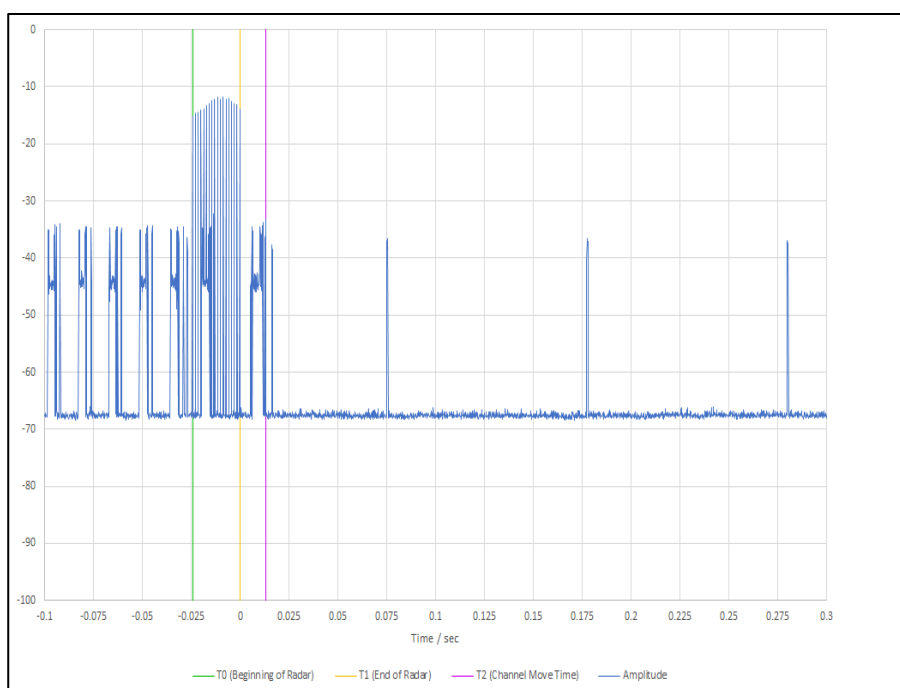


Figure 516 - First 200 ms of Channel Shutdown Period