Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5458.326	43.43	54.00	-10.57	RMS	360	278	Vertical
5459.946	39.24	54.00	-14.76	RMS	66	349	Horizontal
5766.354	56.67	68.20	-11.53	Peak	360	310	Vertical
5772.030	53.72	68.20	-14.48	Peak	65	373	Horizontal

Table 718 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

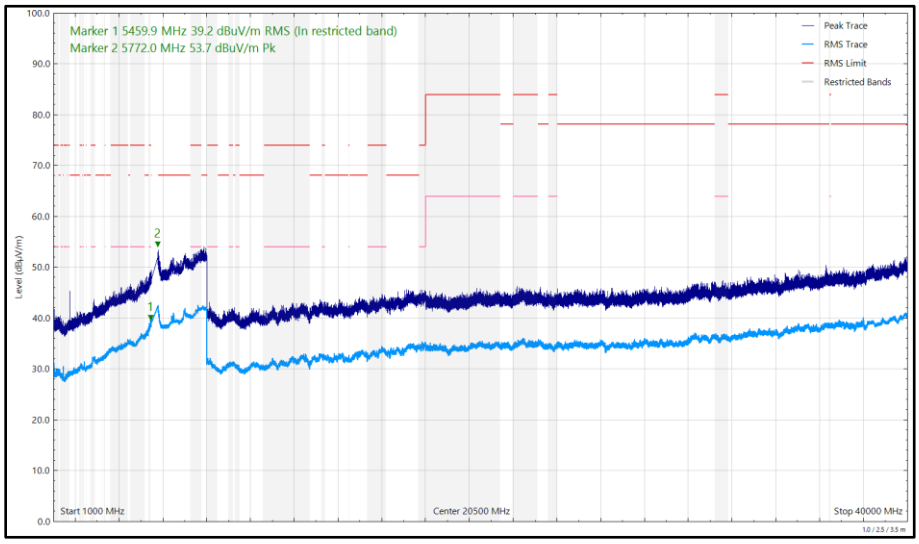

Figure 652 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

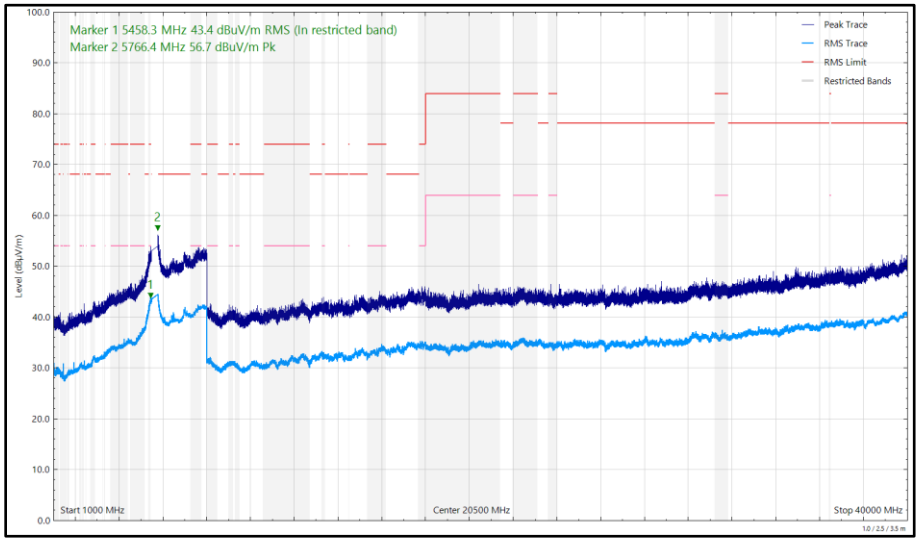

Figure 653 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5439.113	55.77	74.00	-18.23	Peak	360	277	Vertical
5442.114	42.90	54.00	-11.10	RMS	360	286	Vertical
5458.203	38.97	54.00	-15.03	RMS	69	374	Horizontal
5591.196	55.84	68.20	-12.36	Peak	0	290	Vertical
5624.896	52.90	68.20	-15.30	Peak	65	356	Horizontal

Table 719 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz

No other emissions found within 10 dB of the limit.

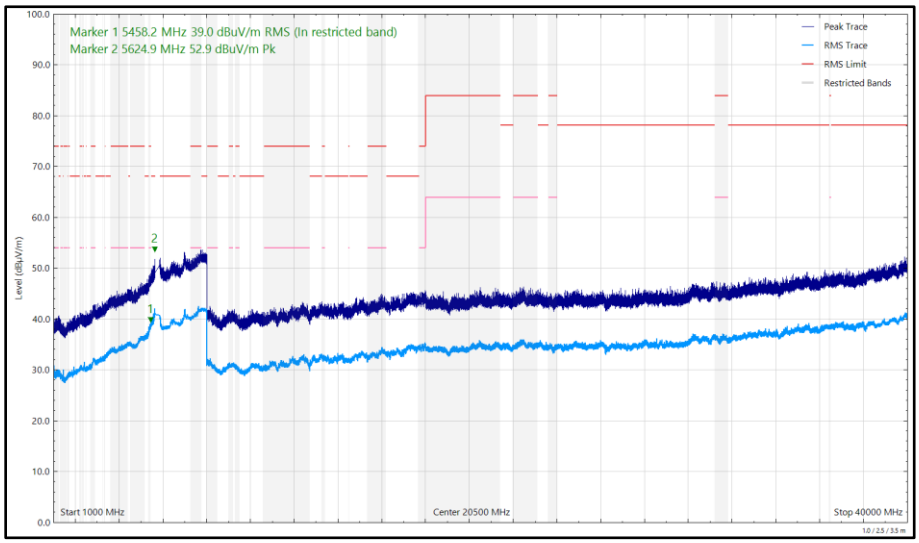

Figure 654 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

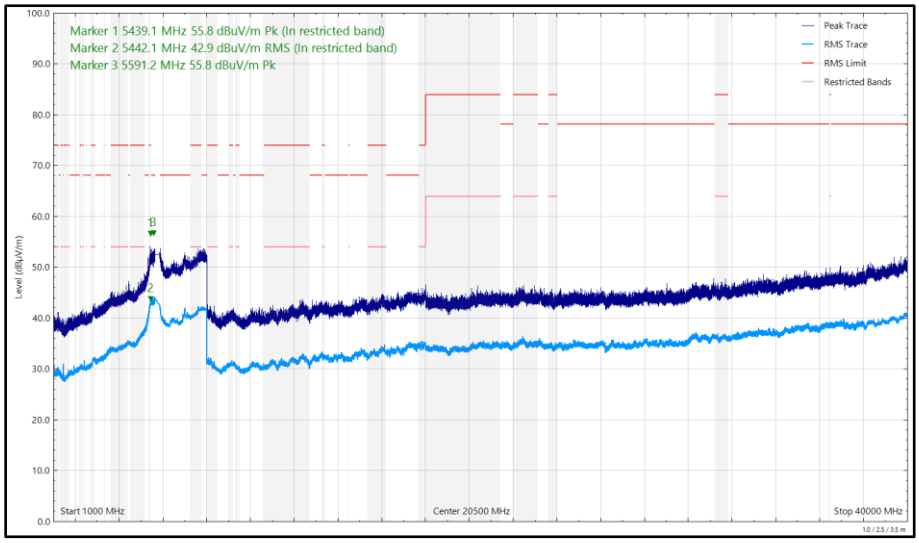

Figure 655 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
31.235	24.60	40.00	-15.40	Q-Peak	85	102	Vertical
5457.643	38.54	54.00	-15.46	RMS	71	377	Horizontal
5459.292	42.26	54.00	-11.74	RMS	356	284	Vertical
5705.309	56.69	68.20	-11.51	Peak	0	290	Vertical
5717.845	54.32	68.20	-13.88	Peak	63	357	Horizontal

Table 720 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 40 GHz

No other emissions found within 10 dB of the limit.

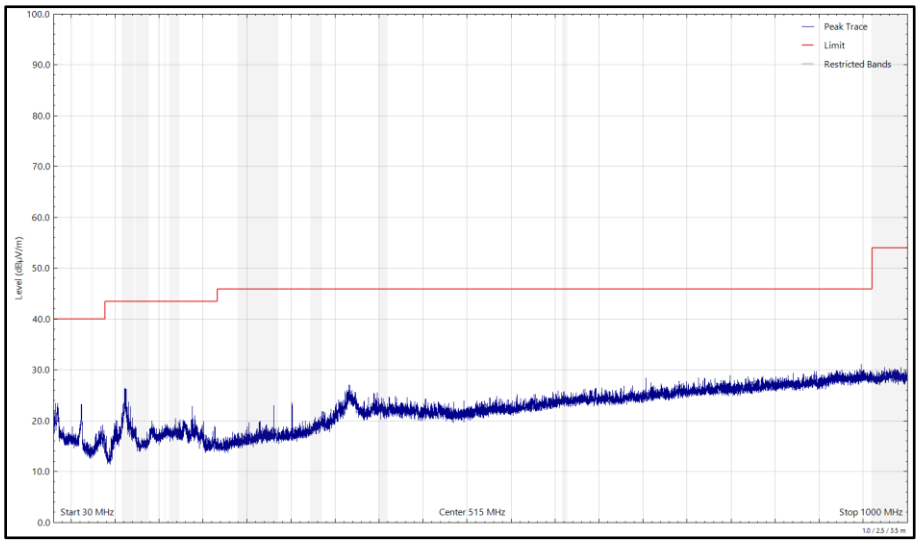

Figure 656 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

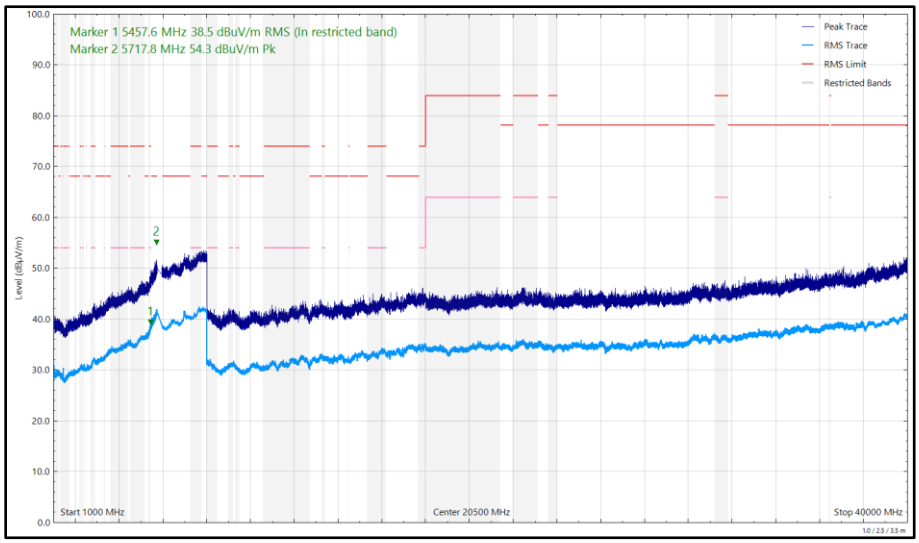

Figure 657 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Horizontal

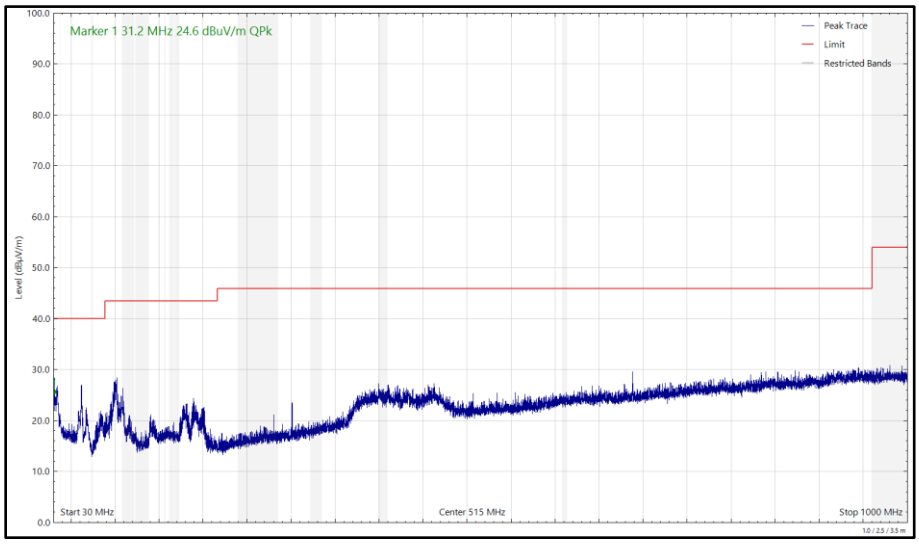

Figure 658 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

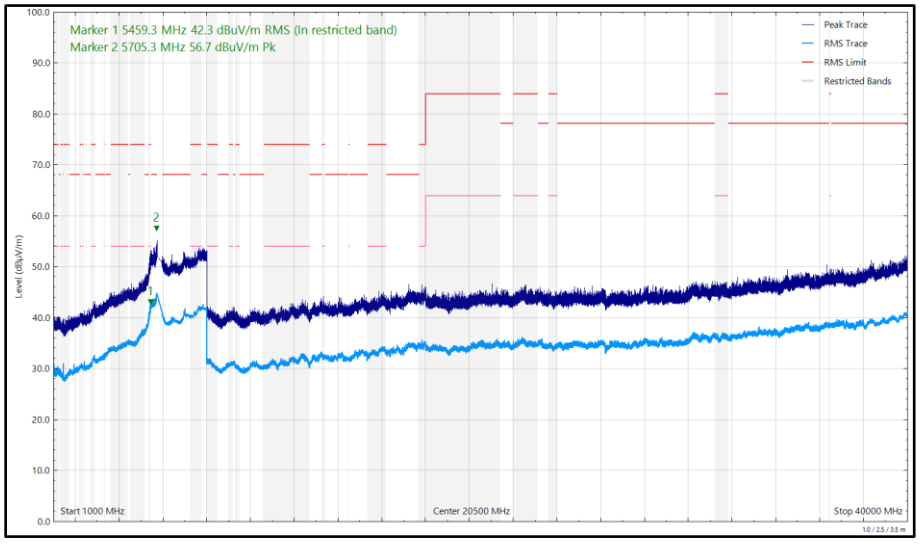

Figure 659 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5107.422	42.75	54.00	-11.25	RMS	9	321	Vertical
5109.769	38.74	54.00	-15.26	RMS	77	377	Horizontal
5357.323	42.32	54.00	-11.68	RMS	2	262	Vertical
5419.695	39.39	54.00	-14.61	RMS	66	300	Horizontal
5460.356	53.51	68.20	-14.69	Peak	360	372	Vertical
5575.322	51.72	68.20	-16.48	Peak	73	352	Horizontal

Table 721 - 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.

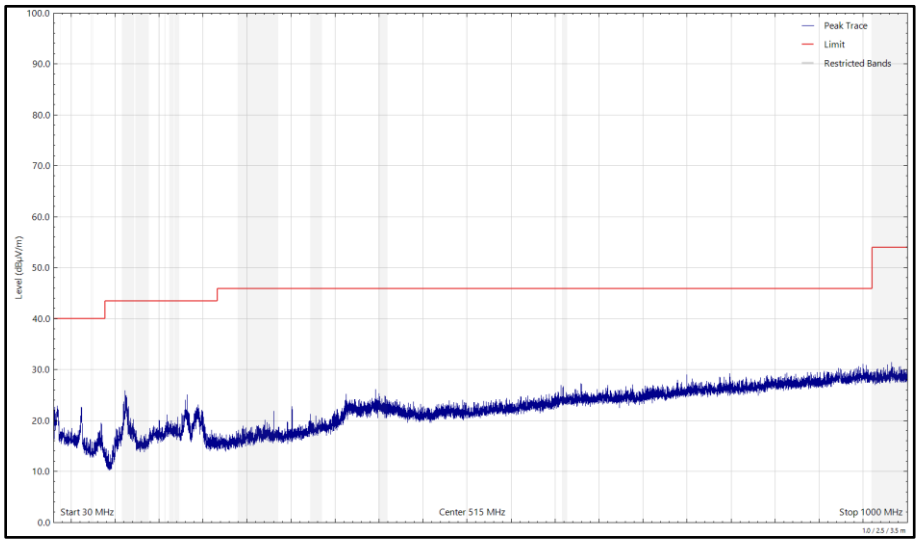

Figure 660 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

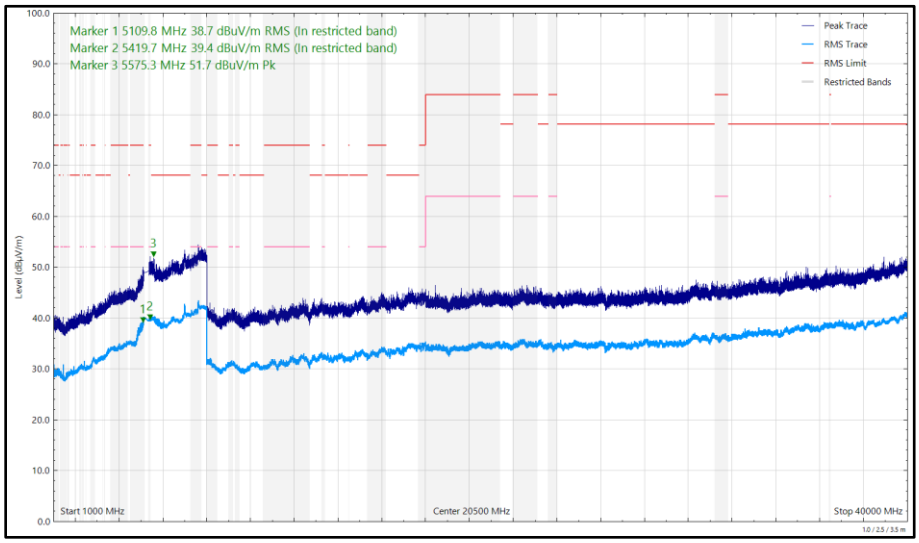

Figure 661 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

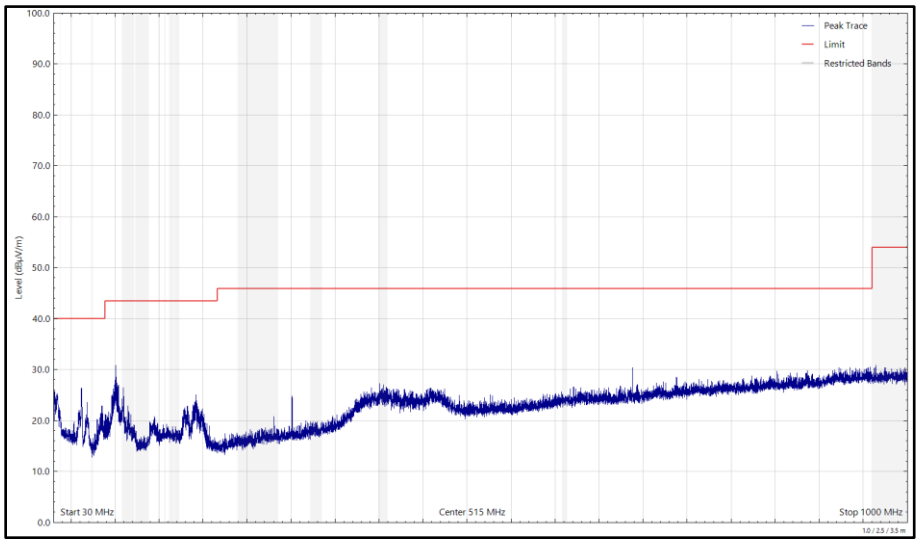

Figure 662 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

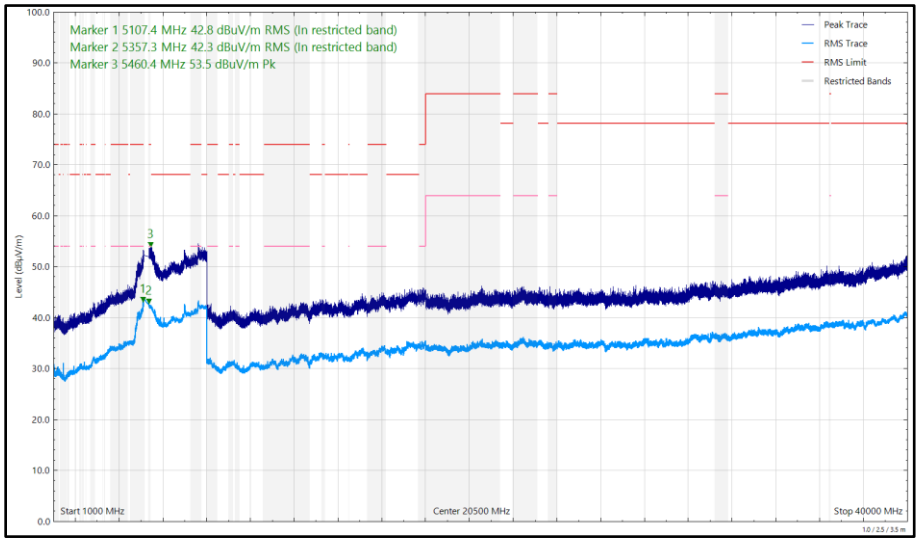

Figure 663 - U-NII-1 - 5180 MHz (CH36), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5107.998	38.22	54.00	-15.78	RMS	69	354	Horizontal
5148.767	41.78	54.00	-12.22	RMS	3	339	Vertical
5390.014	42.57	54.00	-11.43	RMS	75	297	Horizontal
5391.247	43.89	54.00	-10.11	RMS	1	319	Vertical
5463.634	54.93	68.20	-13.27	Peak	360	255	Vertical
5503.489	52.70	68.20	-15.50	Peak	74	344	Horizontal

Table 722 - 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.

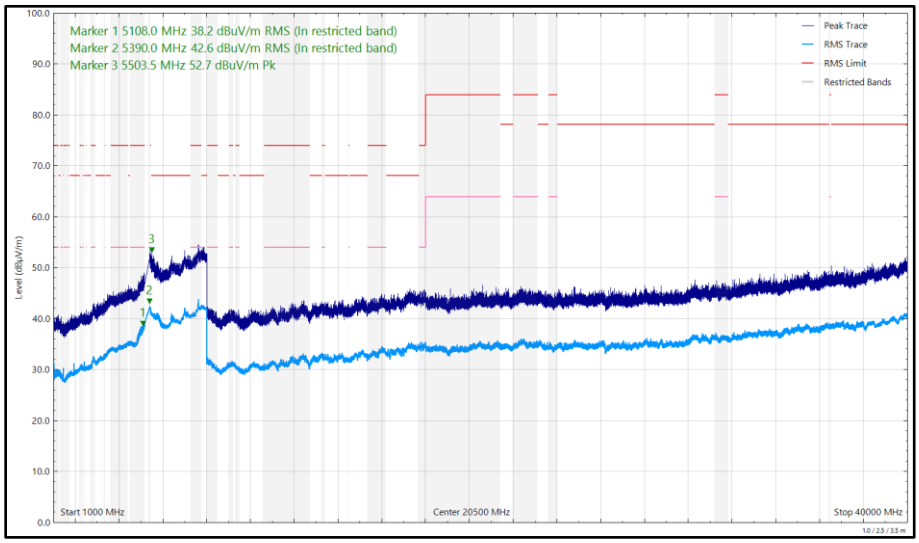

Figure 664 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

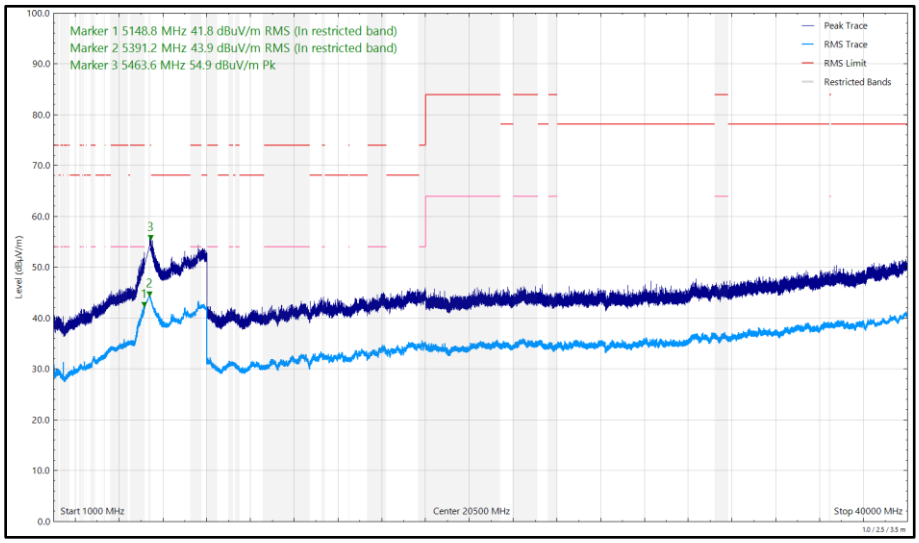

Figure 665 - U-NII-2A - 5320 MHz (CH64), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5326.110	54.46	68.20	-13.74	Peak	7	260	Vertical
5381.932	56.14	74.00	-17.86	Peak	0	263	Vertical
5408.309	41.52	54.00	-12.48	RMS	73	318	Horizontal
5408.754	43.83	54.00	-10.17	RMS	0	253	Vertical
5796.435	53.57	68.20	-14.63	Peak	72	366	Horizontal

Table 723 - 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.

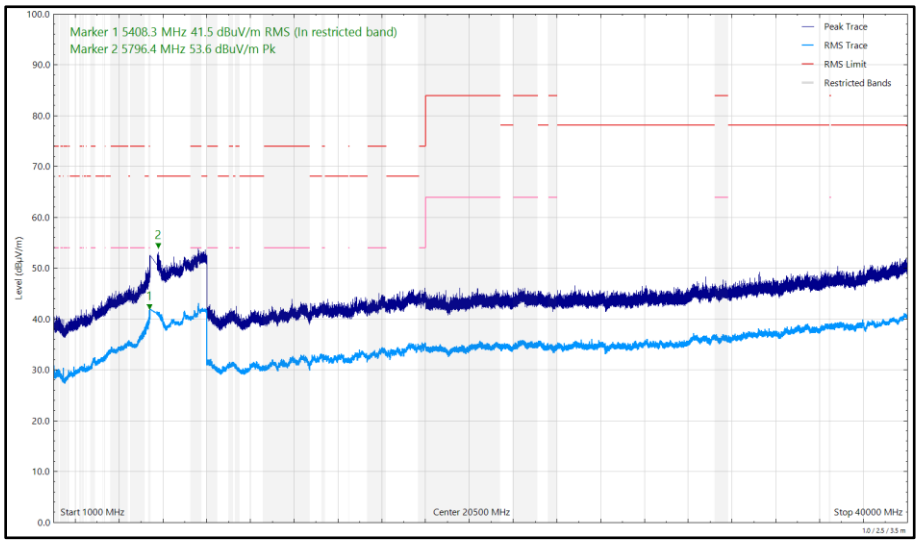

Figure 666 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

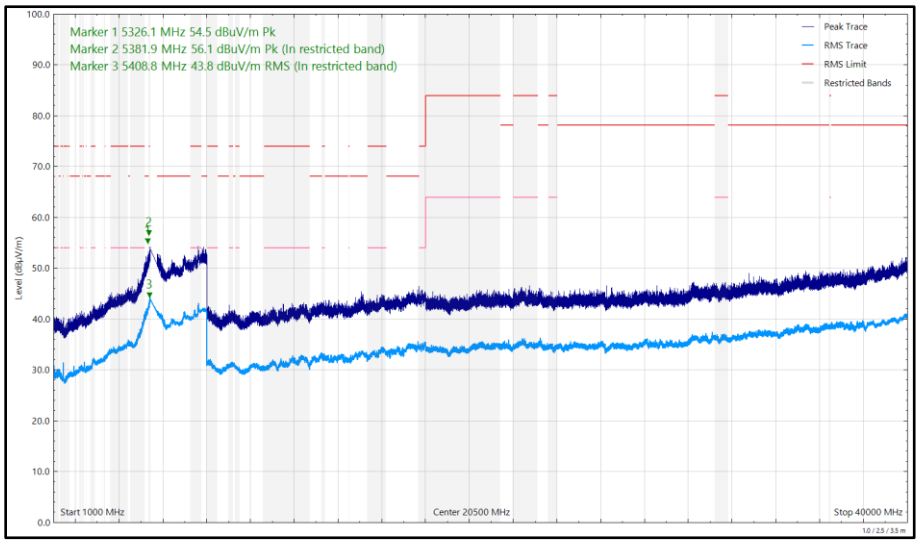

Figure 667 - U-NII-2C - 5500 MHz (CH100), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5457.177	42.45	54.00	-11.55	RMS	0	270	Vertical
5458.264	40.24	54.00	-13.76	RMS	72	327	Horizontal
5766.951	56.21	68.20	-11.99	Peak	60	291	Vertical
5767.196	56.76	68.20	-11.44	Peak	74	333	Horizontal

Table 724 - 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.

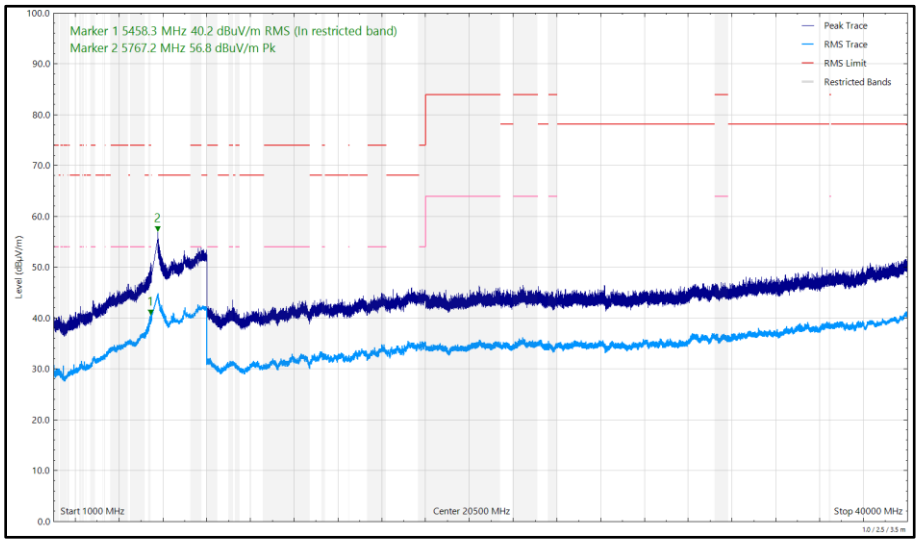

Figure 668 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

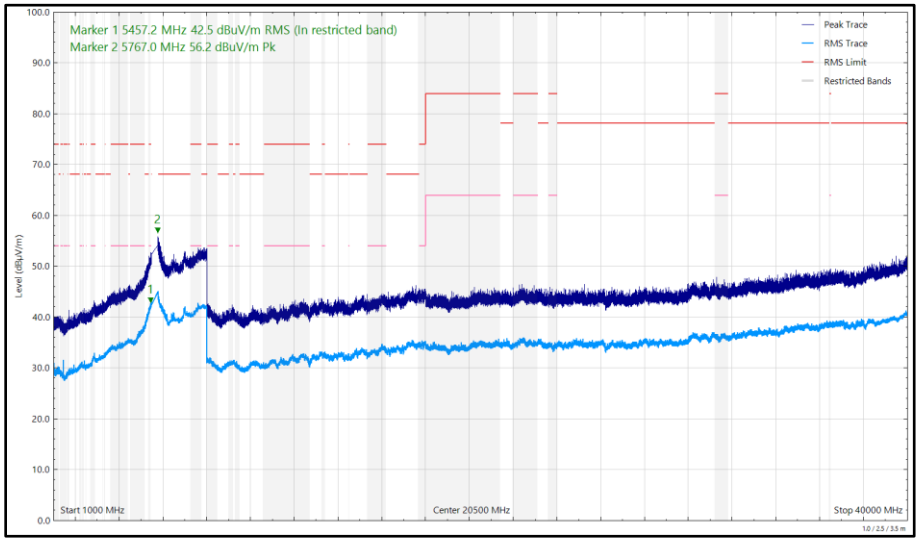

Figure 669 - U-NII-2C - 5700 MHz (CH140), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5457.347	41.91	54.00	-12.09	RMS	360	253	Vertical
5458.204	39.64	54.00	-14.36	RMS	76	382	Horizontal
5479.253	54.12	68.20	-14.08	Peak	360	253	Vertical
5863.287	54.59	68.20	-13.61	Peak	76	390	Horizontal

Table 725 - 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.

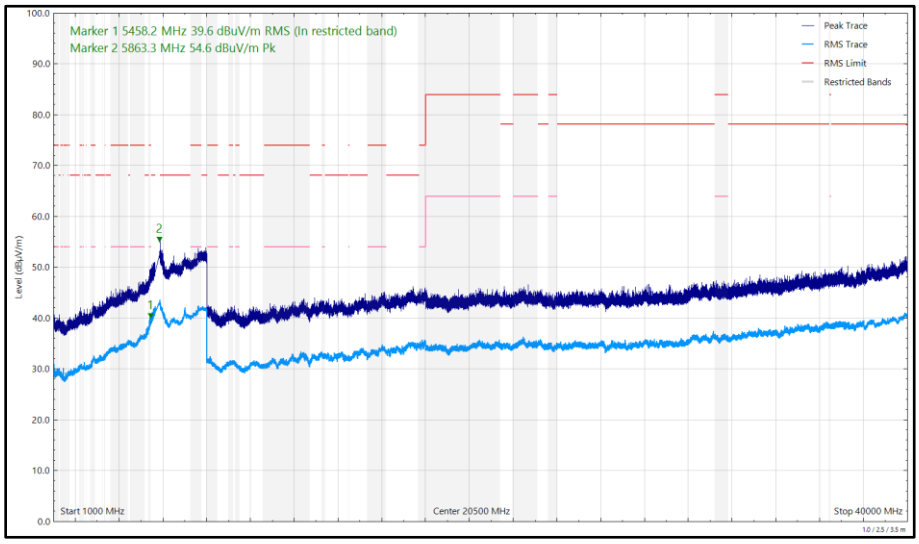

Figure 670 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

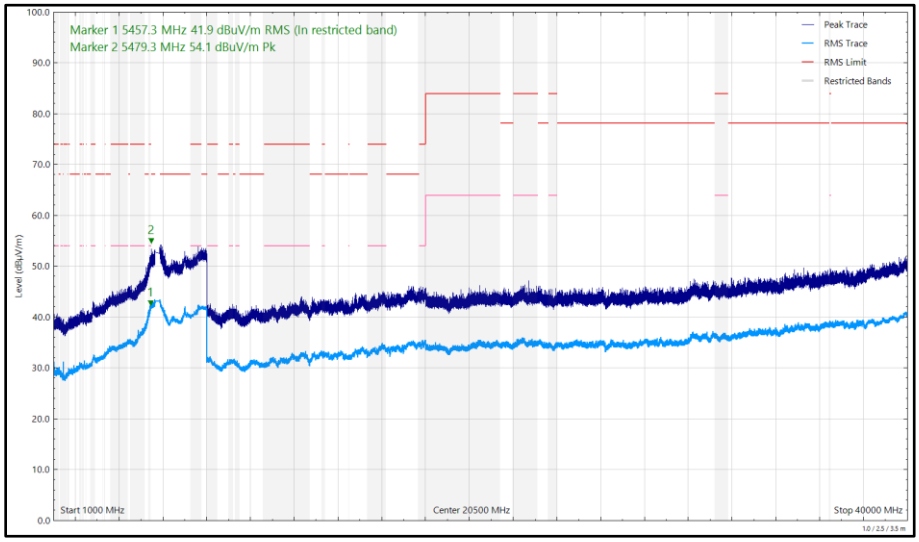

Figure 671 - U-NII-3 - 5745 MHz (CH149), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
61.917	24.62	40.00	-15.38	Q-Peak	267	101	Vertical
5446.281	40.79	54.00	-13.21	RMS	359	377	Vertical
5458.124	39.58	54.00	-14.42	RMS	74	317	Horizontal
5703.848	55.26	68.20	-12.94	Peak	74	349	Horizontal
5717.998	55.62	68.20	-12.58	Peak	10	285	Vertical

Table 726 - 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.

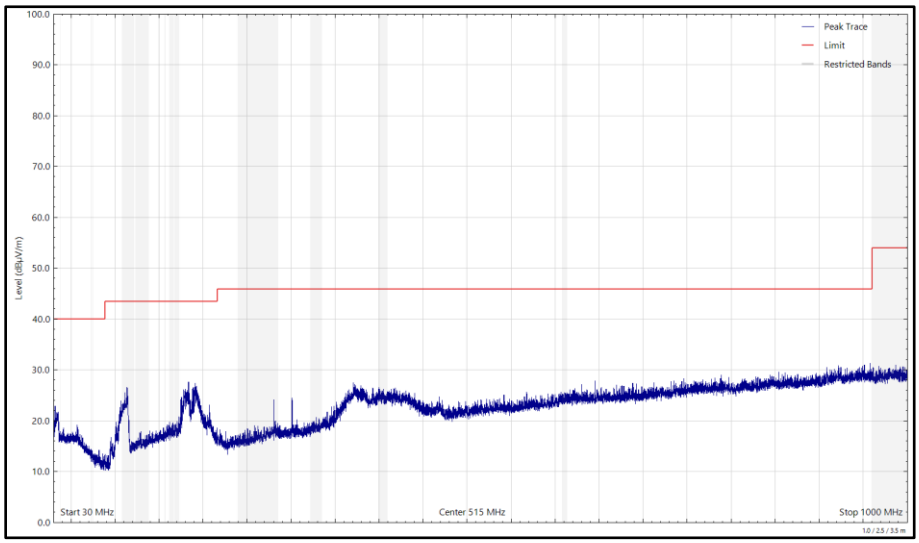

Figure 672 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

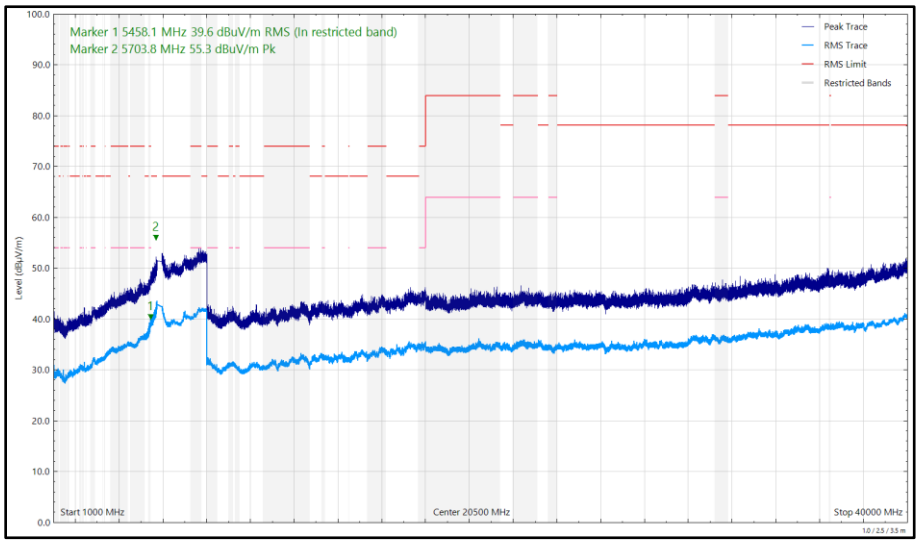

Figure 673 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz, Horizontal

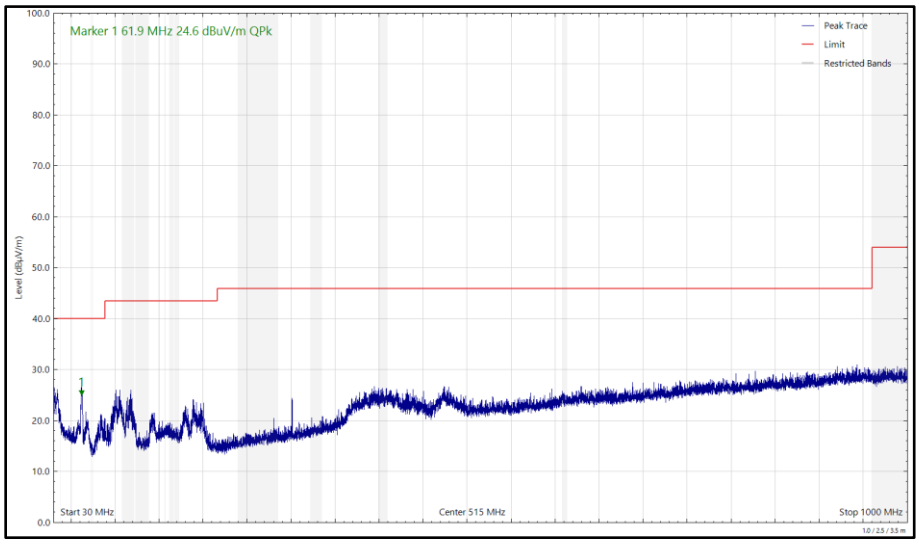

Figure 674 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

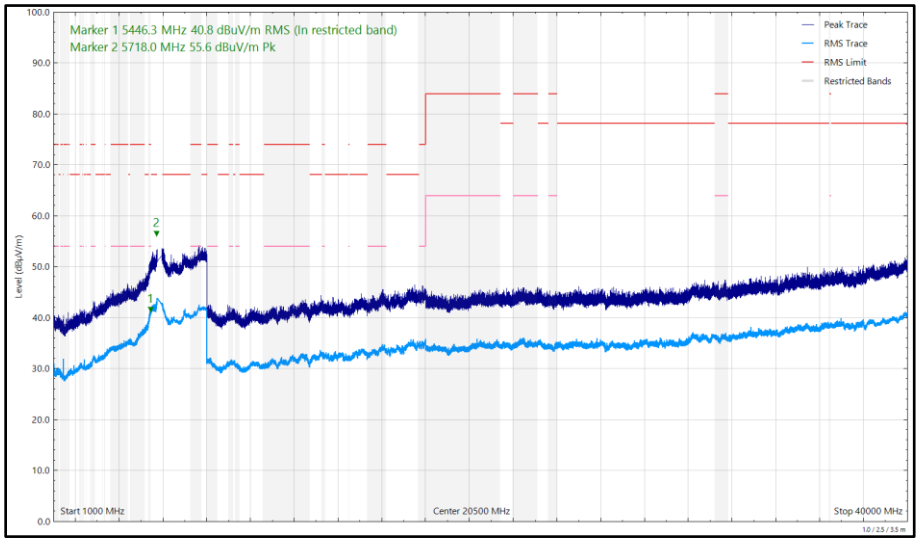

Figure 675 - U-NII-3 - 5825 MHz (CH165), 802.11a, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
34.875	23.18	40.00	-16.82	Q-Peak	109	112	Vertical
192.725	23.63	43.50	-19.87	Q-Peak	18	130	Horizontal
5105.965	45.05	54.00	-8.95	RMS	4	259	Vertical
5386.277	57.48	74.00	-16.52	Peak	359	281	Vertical
5403.532	41.16	54.00	-12.84	RMS	73	363	Horizontal
5462.977	56.45	68.20	-11.75	Peak	357	276	Vertical
5503.549	53.24	68.20	-14.96	Peak	69	392	Horizontal

Table 727 - 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.

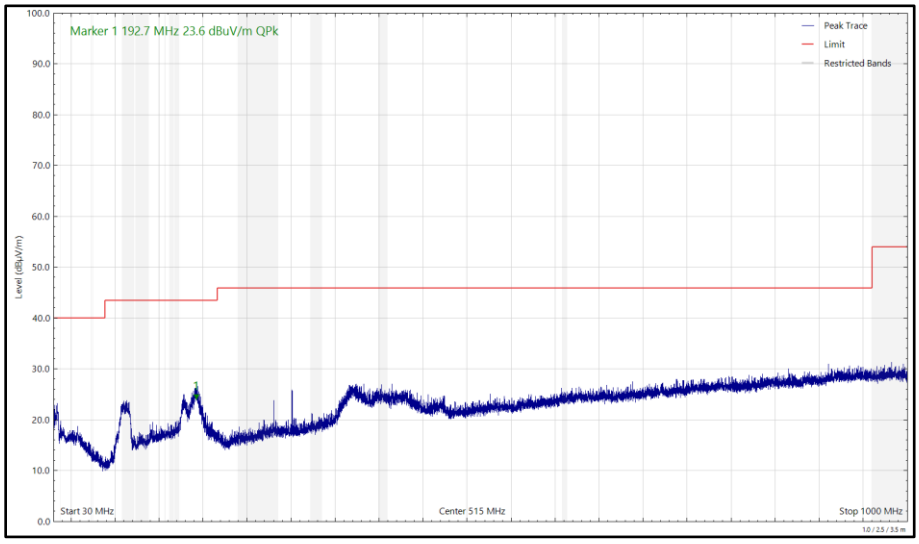

Figure 676 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

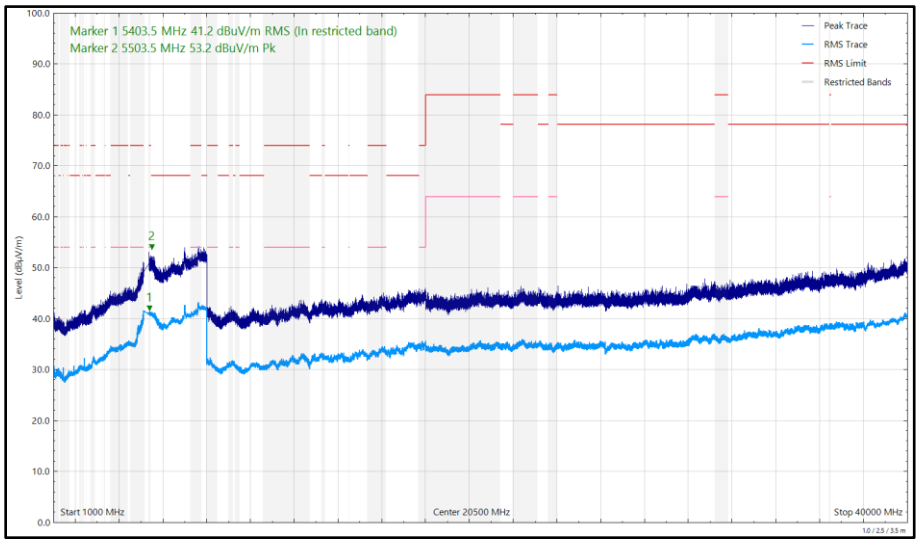

Figure 677 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

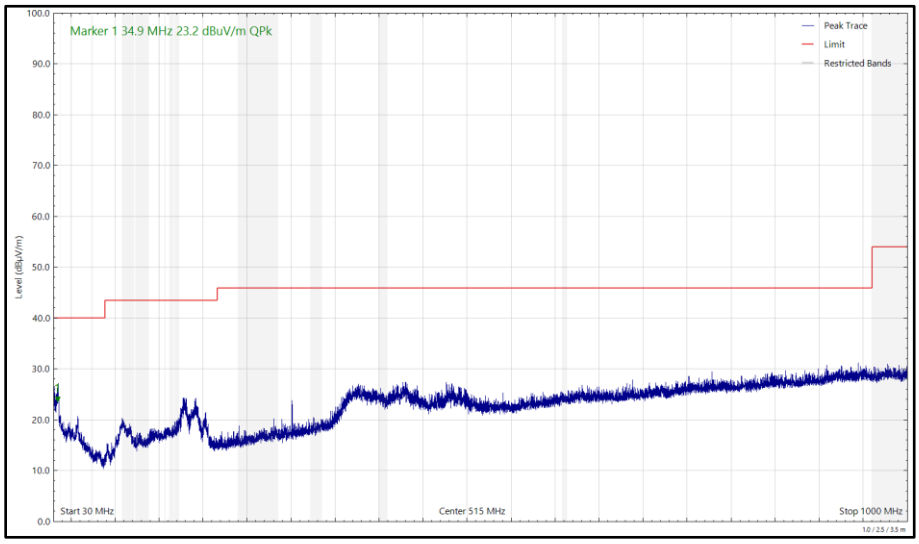

Figure 678 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

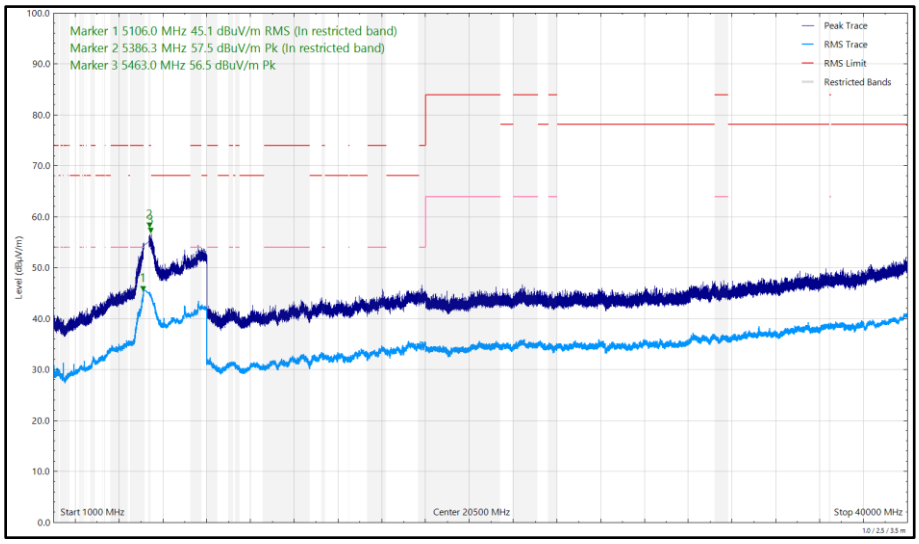

Figure 679 - U-NII-1 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5391.516	47.62	54.00	-6.38	RMS	360	280	Vertical
5397.482	59.20	74.00	-14.80	Peak	355	266	Vertical
5401.993	42.70	54.00	-11.30	RMS	70	297	Horizontal
5484.319	58.04	68.20	-10.16	Peak	357	262	Vertical
5497.318	53.05	68.20	-15.15	Peak	83	394	Horizontal

Table 728 - 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.

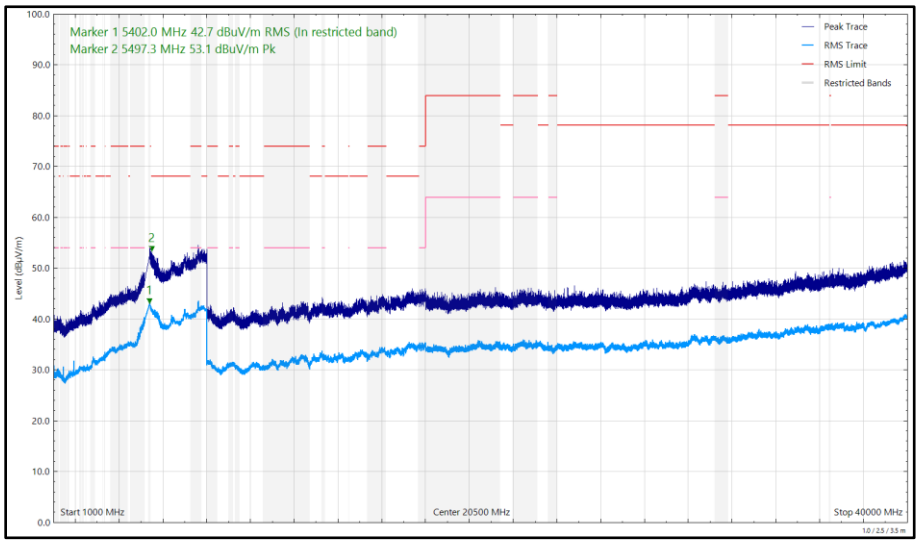

Figure 680 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

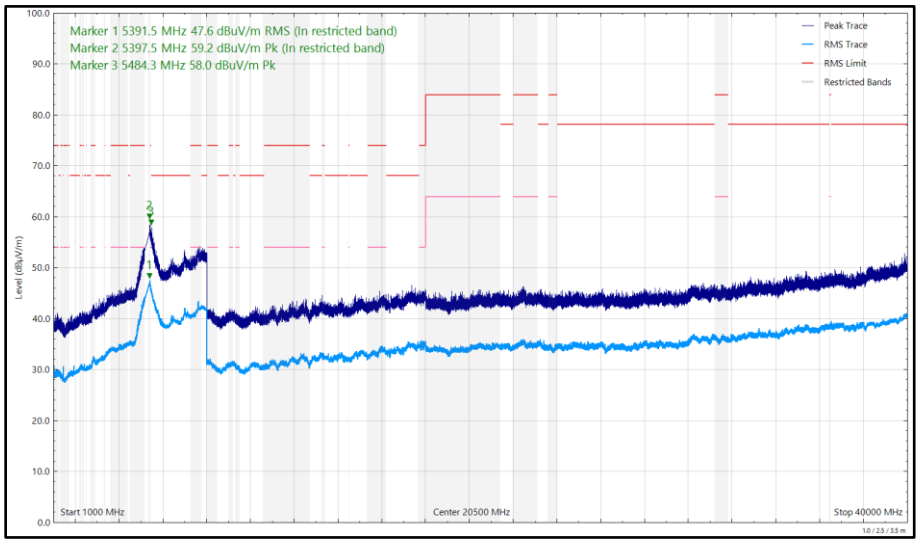

Figure 681 - U-NII-2A - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5343.907	56.38	68.20	-11.82	Peak	0	284	Vertical
5407.465	45.42	54.00	-8.58	RMS	0	354	Vertical
5408.410	42.03	54.00	-11.97	RMS	76	351	Horizontal
5408.971	57.59	74.00	-16.41	Peak	0	356	Vertical
5744.657	54.00	68.20	-14.20	Peak	73	381	Horizontal

Table 729 - 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.

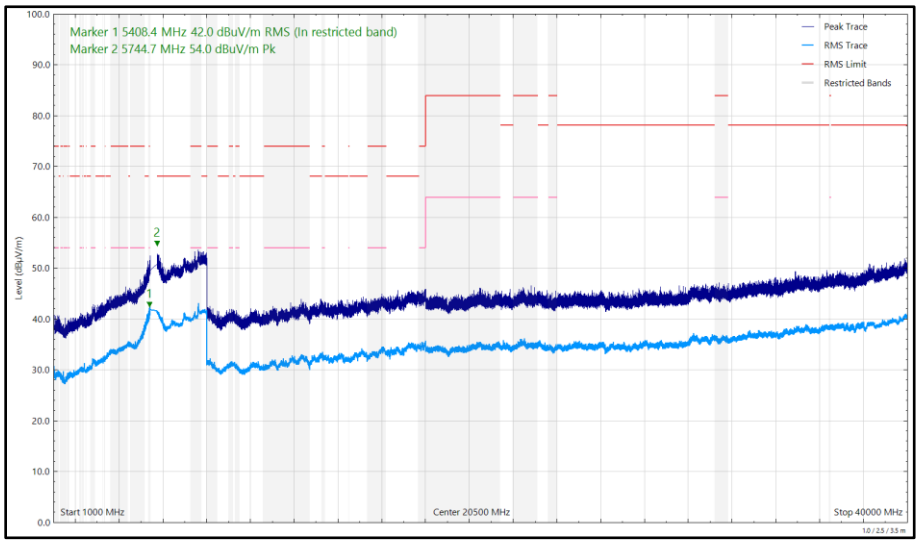

Figure 682 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

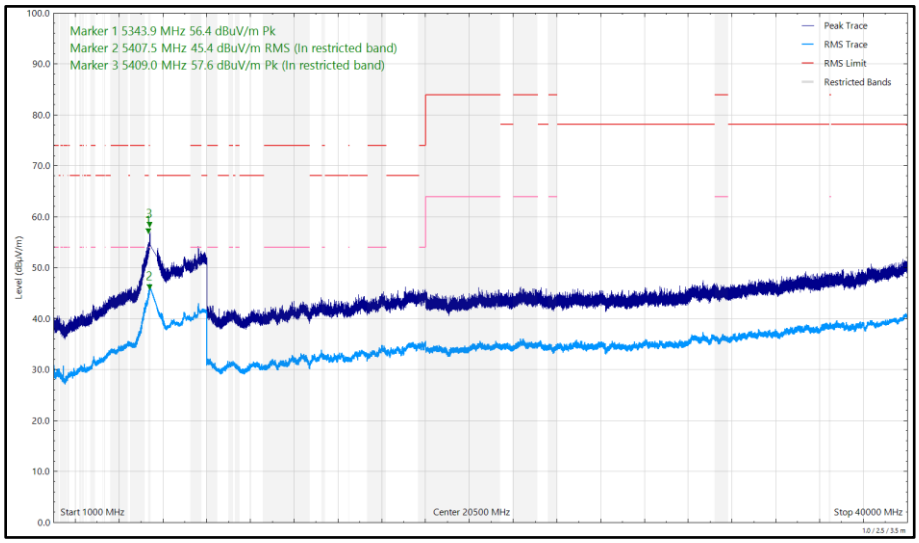

Figure 683 - U-NII-2C - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5441.088	39.62	54.00	-14.38	RMS	67	390	Horizontal
5454.938	56.10	74.00	-17.90	Peak	3	260	Vertical
5456.770	44.59	54.00	-9.41	RMS	360	280	Vertical
5761.983	57.78	68.20	-10.42	Peak	70	390	Horizontal
5780.027	56.97	68.20	-11.23	Peak	360	290	Vertical

Table 730 - 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.

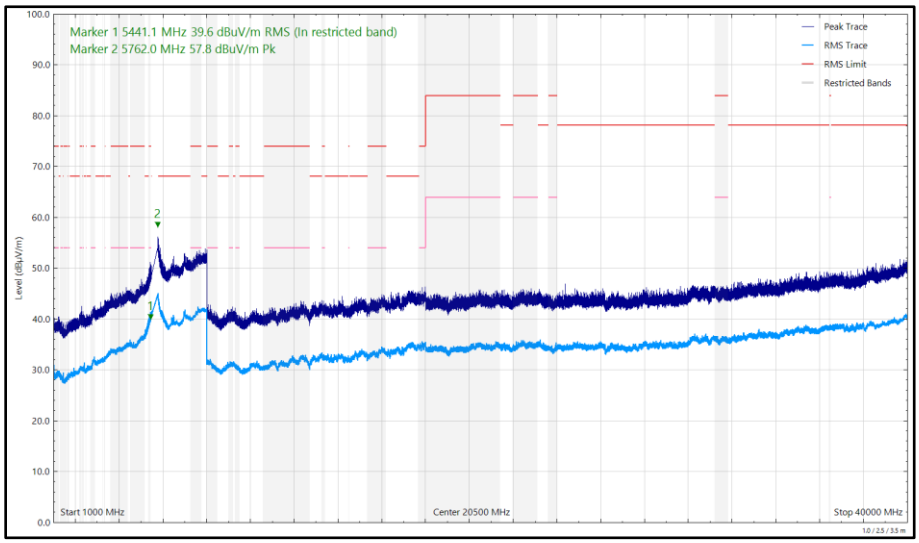

Figure 684 - U-NII-2C - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

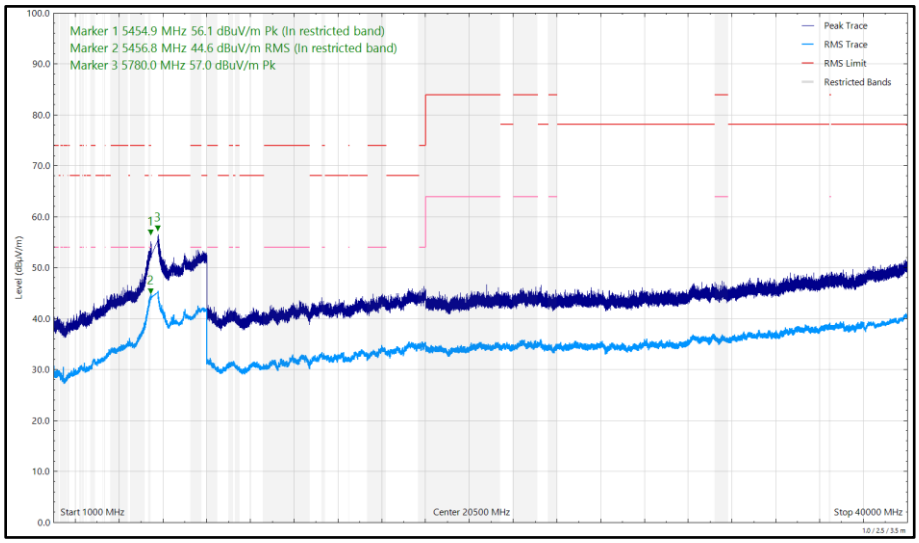

Figure 685 - U-NII-2C - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5422.323	56.72	74.00	-17.28	Peak	0	259	Vertical
5457.382	40.11	54.00	-13.89	RMS	71	390	Horizontal
5459.016	44.39	54.00	-9.61	RMS	360	275	Vertical
5500.625	56.71	68.20	-11.49	Peak	0	286	Vertical
5590.709	54.83	68.20	-13.37	Peak	72	390	Horizontal

Table 731 - 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.

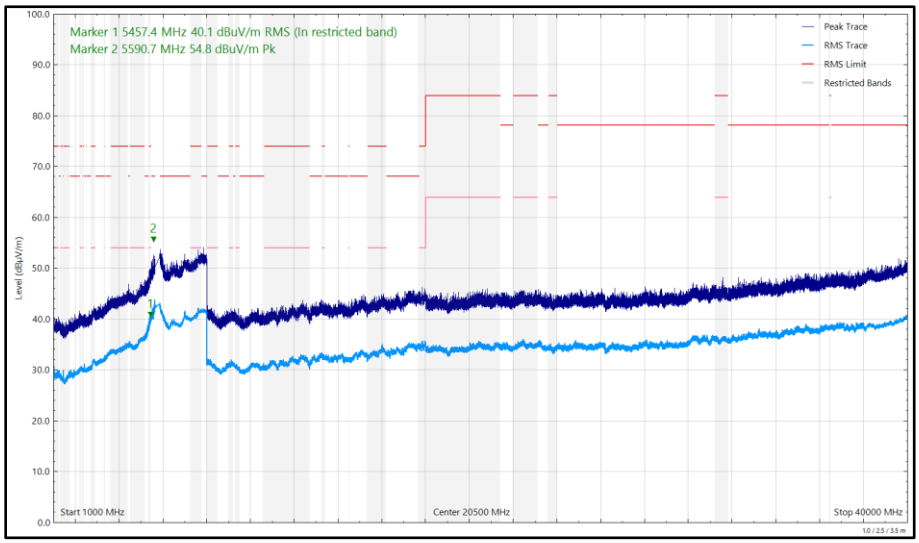

Figure 686 - U-NII-3 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

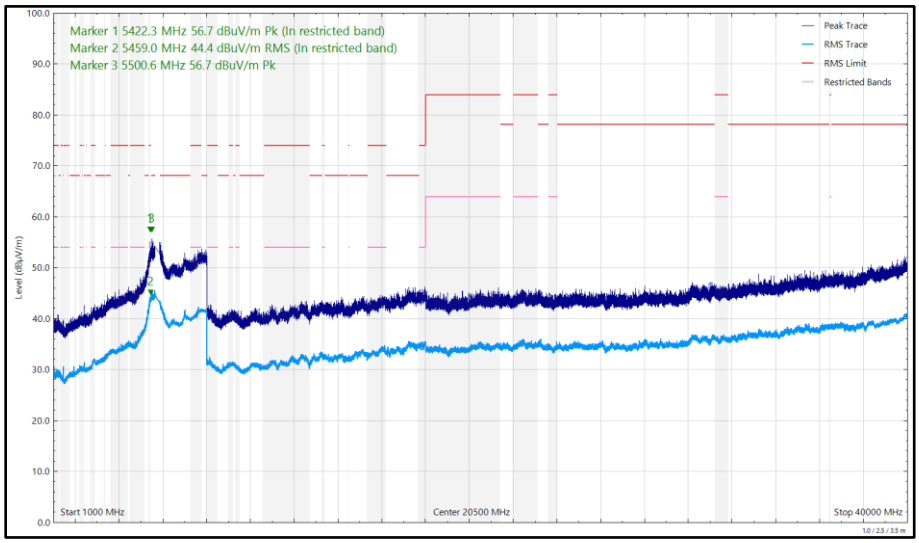

Figure 687 - U-NII-3 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
35.191	21.99	40.00	-18.01	Q-Peak	350	109	Vertical
5432.348	39.35	54.00	-14.65	RMS	74	347	Horizontal
5456.172	43.26	54.00	-10.74	RMS	359	282	Vertical
5721.664	57.77	68.20	-10.43	Peak	360	294	Vertical
5723.696	55.74	68.20	-12.46	Peak	71	390	Horizontal

Table 732 - 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.

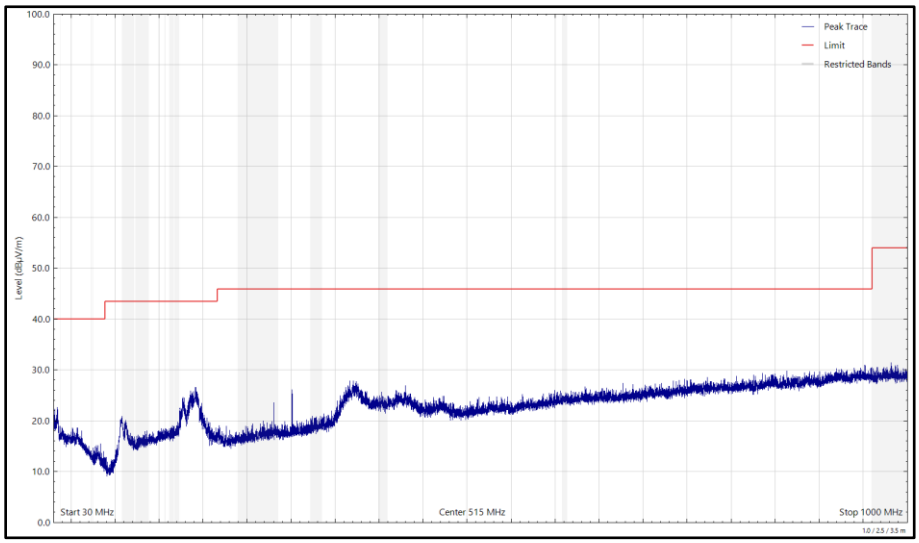

Figure 688 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

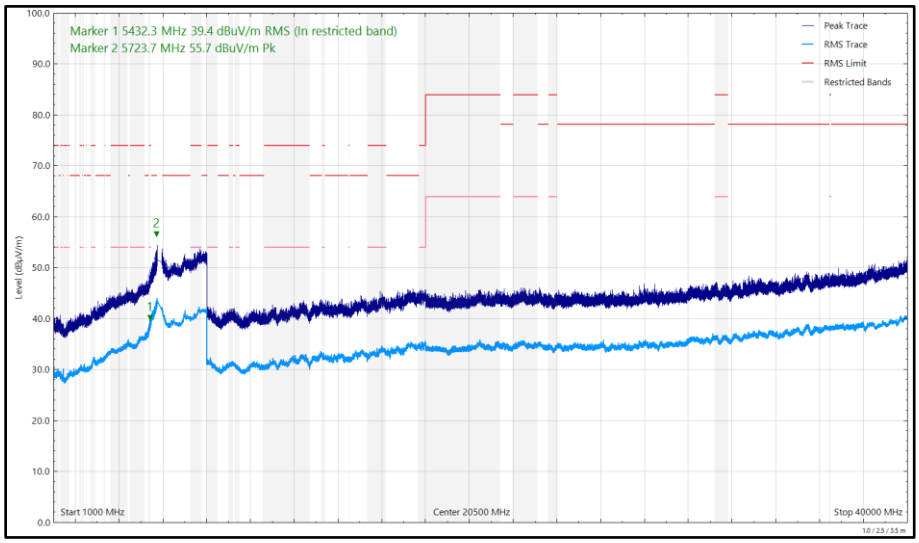

Figure 689 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

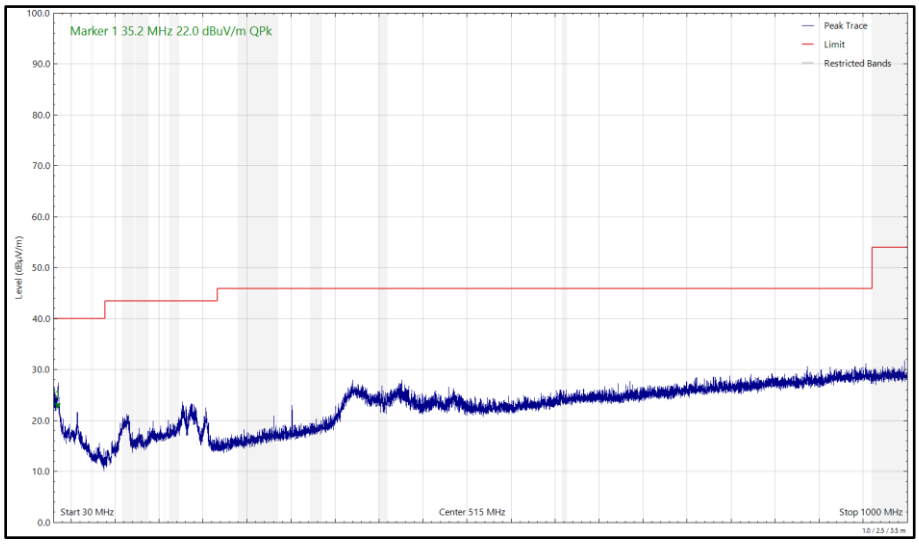

Figure 690 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

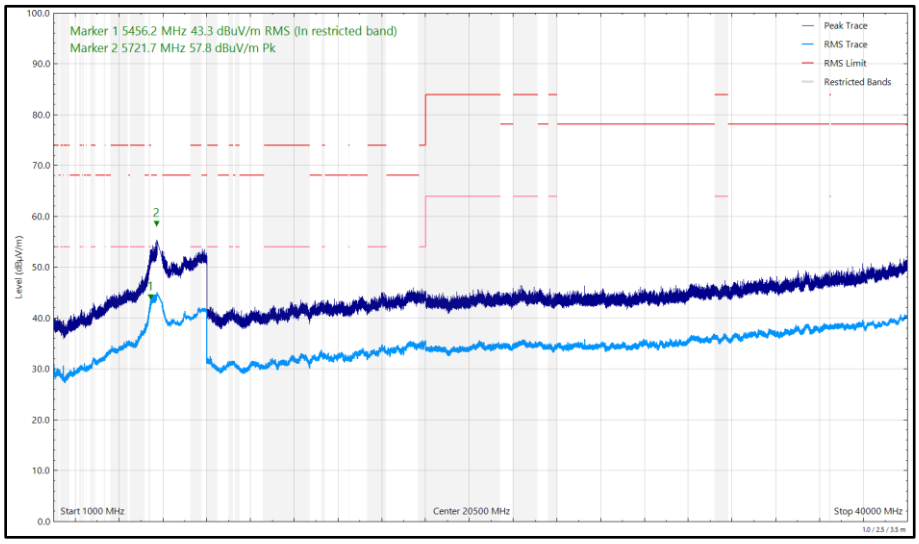

Figure 691 - U-NII-3 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
34.779	22.26	40.00	-17.74	Q-Peak	162	100	Vertical
5107.656	40.13	54.00	-13.87	RMS	68	384	Horizontal
5352.524	57.05	74.00	-16.95	Peak	360	270	Vertical
5386.524	44.62	54.00	-9.38	RMS	358	260	Vertical
5477.286	52.39	68.20	-15.81	Peak	77	400	Horizontal
5487.513	55.59	68.20	-12.61	Peak	359	268	Vertical

Table 733 - 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.

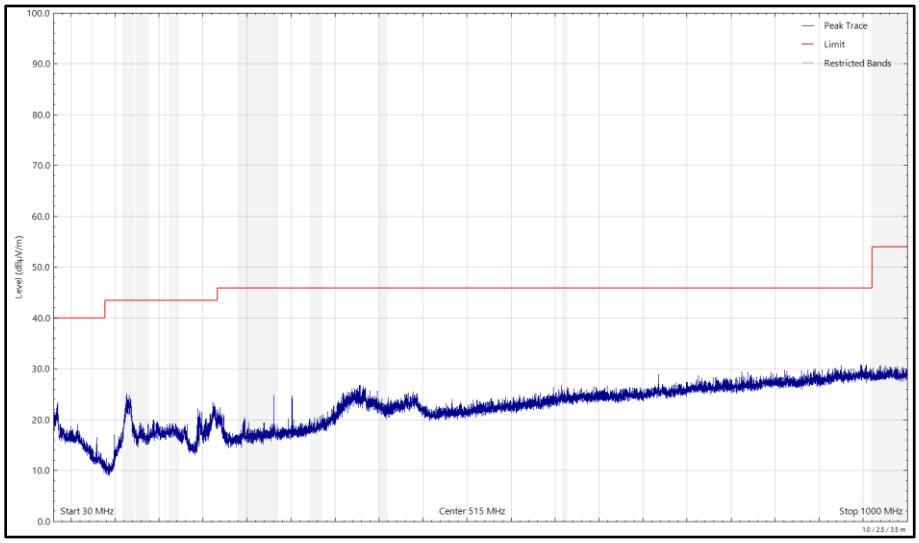

Figure 692 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

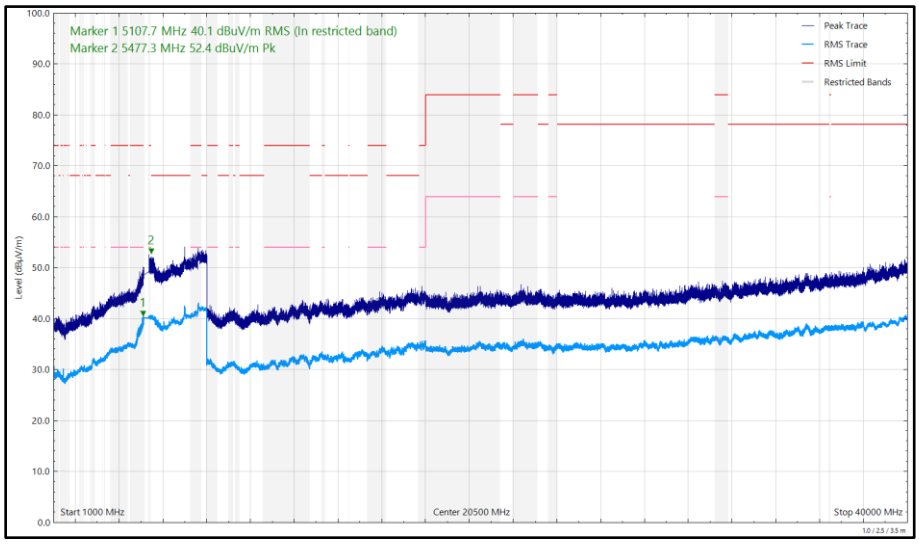

Figure 693 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

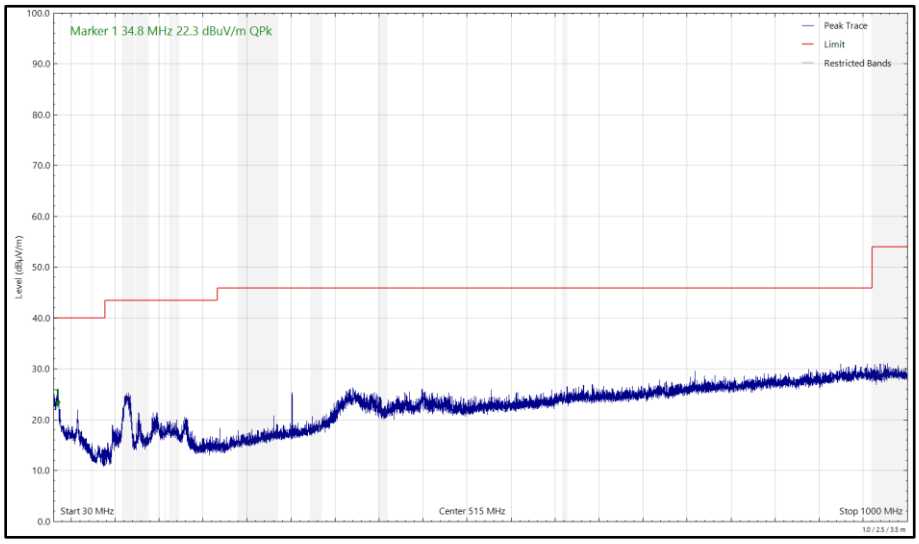

Figure 694 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

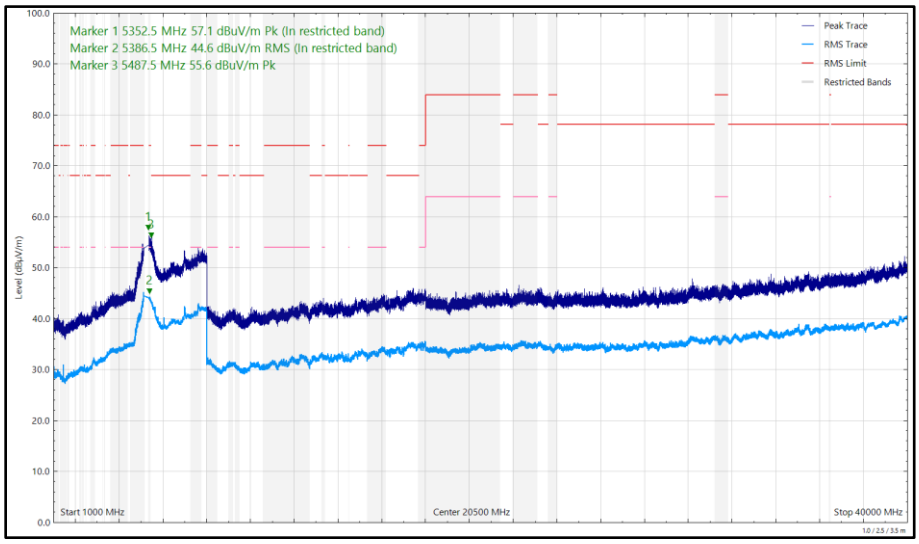

Figure 695 - U-NII-1 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5390.357	42.71	54.00	-11.29	RMS	74	322	Horizontal
5390.481	46.92	54.00	-7.08	RMS	360	272	Vertical
5431.112	58.18	74.00	-15.82	Peak	360	264	Vertical
5461.404	57.38	68.20	-10.82	Peak	0	269	Vertical
5507.965	53.34	68.20	-14.86	Peak	71	391	Horizontal

Table 734 - 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.

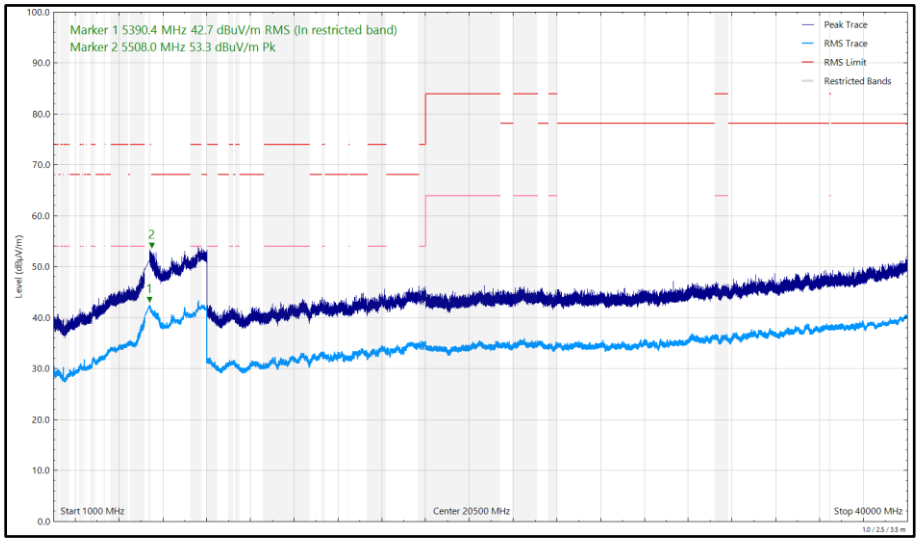

Figure 696 - U-NII-2A - 5320 MHz (CH64), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

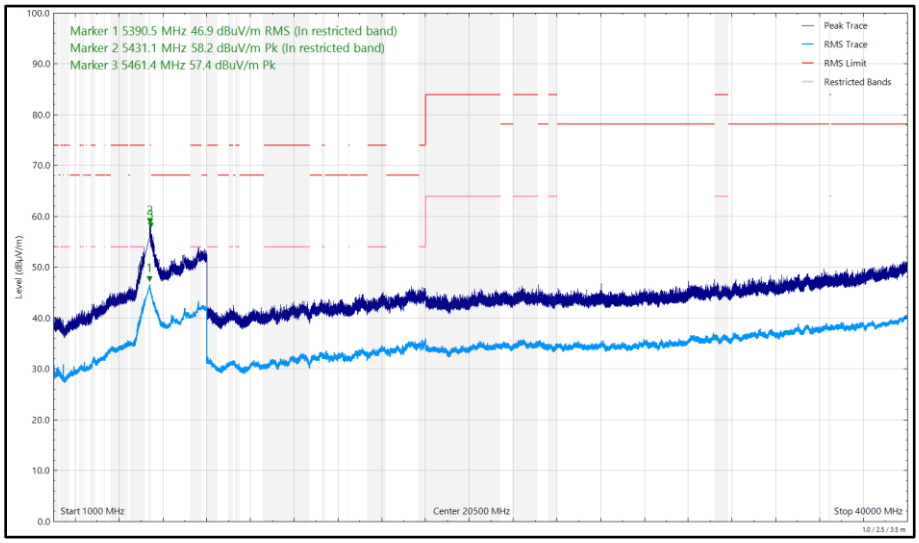

Figure 697 - U-NII-2A - 5320 MHz (CH64), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5348.493	56.59	68.20	-11.61	Peak	360	350	Vertical
5401.856	58.78	74.00	-15.22	Peak	360	285	Vertical
5407.199	41.84	54.00	-12.16	RMS	69	327	Horizontal
5409.535	45.99	54.00	-8.01	RMS	0	260	Vertical
5734.124	53.64	68.20	-14.56	Peak	71	395	Horizontal

Table 735 - 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.

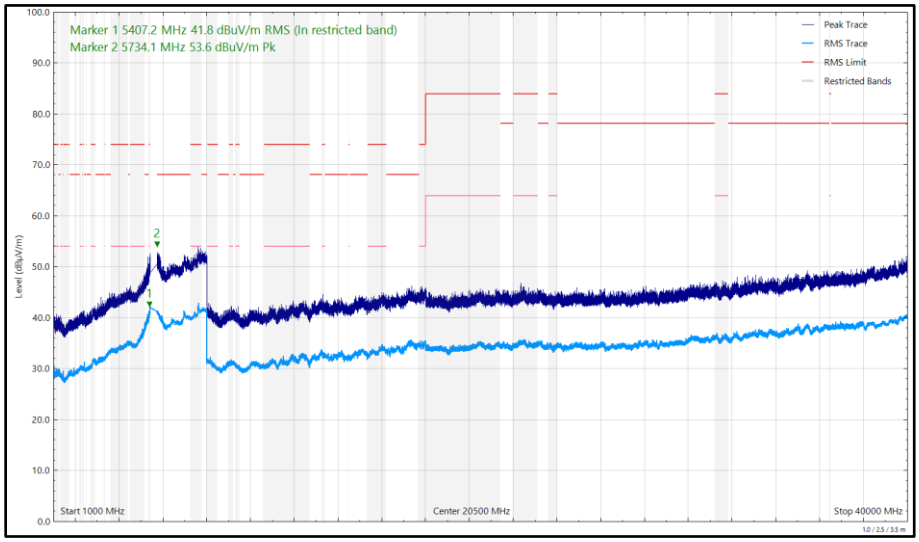

Figure 698 - U-NII-2C - 5500 MHz (CH100), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

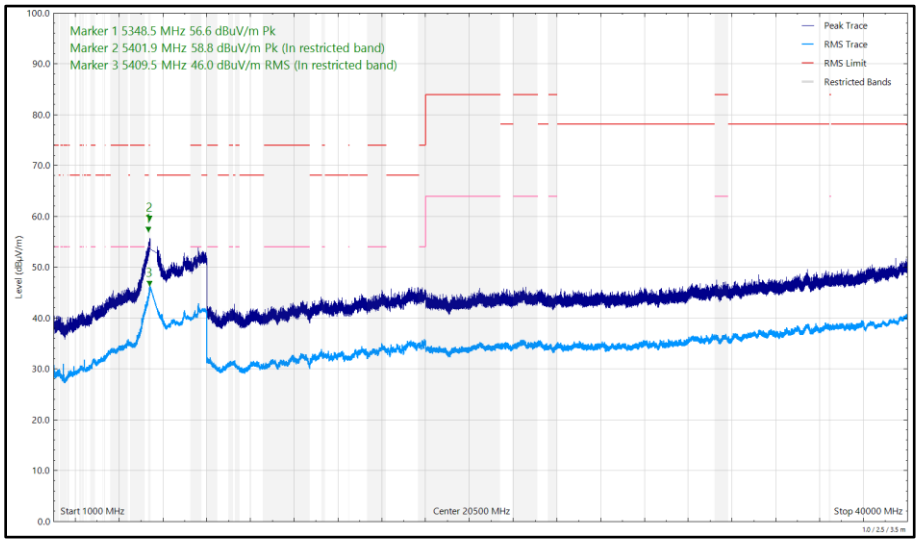

Figure 699 - U-NII-2C - 5500 MHz (CH100), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5414.026	56.65	74.00	-17.35	Peak	360	265	Vertical
5453.942	44.46	54.00	-9.54	RMS	360	285	Vertical
5458.494	40.44	54.00	-13.56	RMS	68	322	Horizontal
5763.222	57.75	68.20	-10.45	Peak	360	282	Vertical
5772.212	56.71	68.20	-11.49	Peak	73	392	Horizontal

Table 736 - 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.

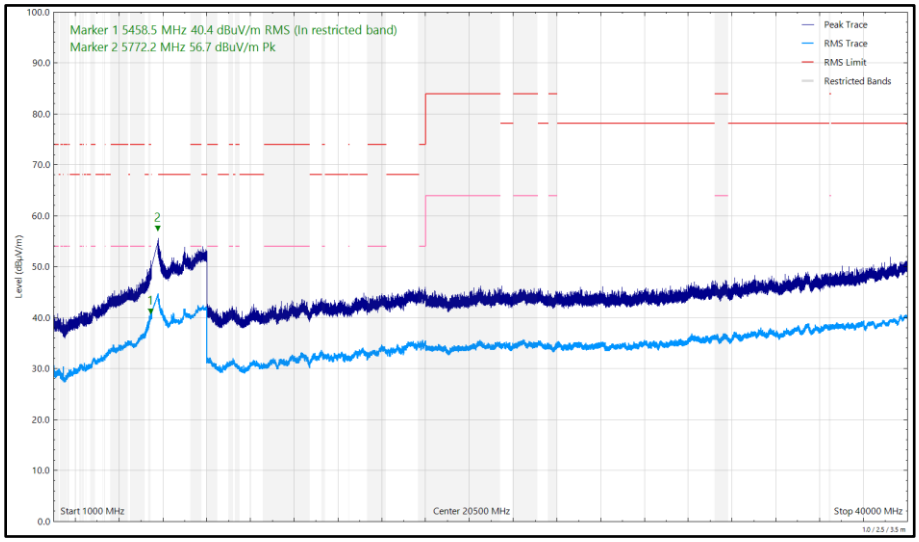

Figure 700 - U-NII-2C - 5700 MHz (CH140), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

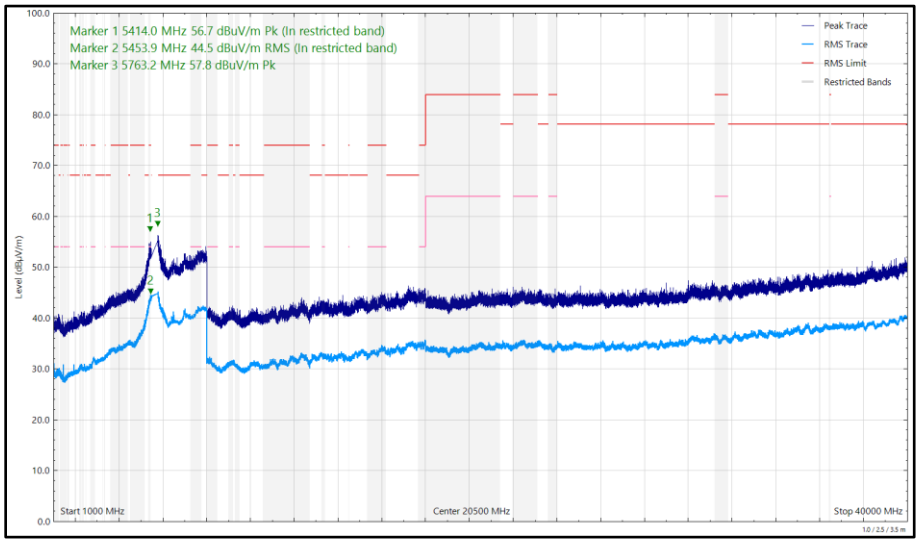

Figure 701 - U-NII-2C - 5700 MHz (CH140), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
5453.290	56.66	74.00	-17.34	Peak	360	274	Vertical
5457.094	40.33	54.00	-13.67	RMS	75	345	Horizontal
5457.616	44.66	54.00	-9.34	RMS	0	272	Vertical
5590.681	55.71	68.20	-12.49	Peak	74	390	Horizontal
5616.948	59.11	68.20	-9.09	Peak	360	283	Vertical

Table 737 - 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.

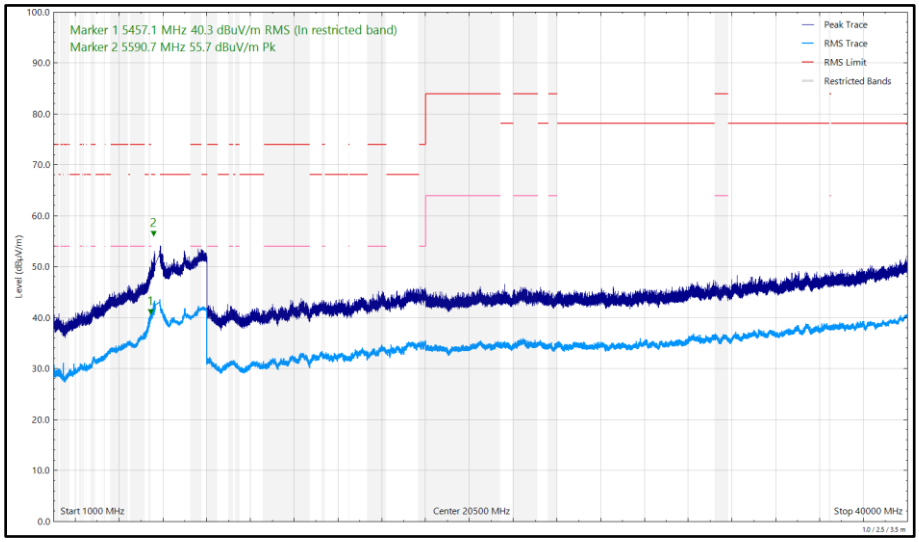

Figure 702 - U-NII-3 - 5745 MHz (CH149), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

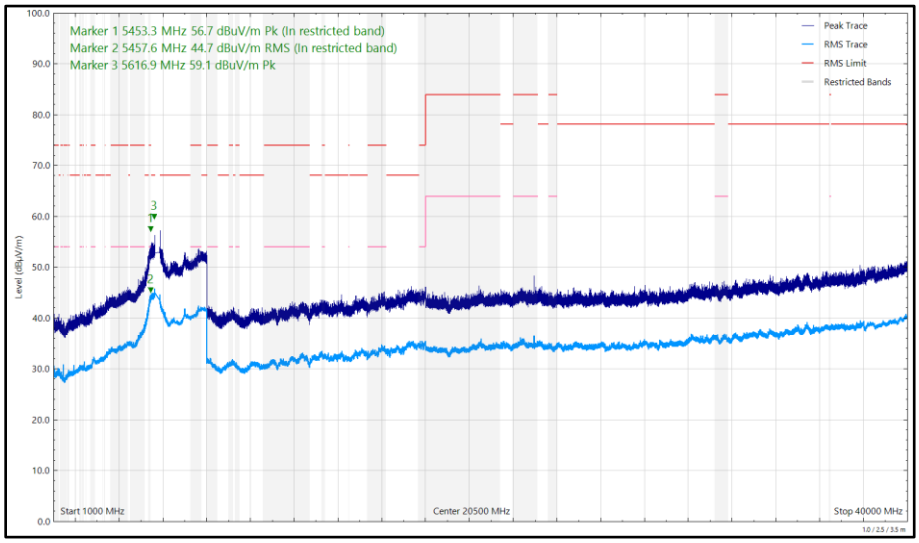

Figure 703 - U-NII-3 - 5745 MHz (CH149), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
34.710	22.13	40.00	-17.87	Q-Peak	350	122	Vertical
5454.996	55.84	74.00	-18.16	Peak	360	257	Vertical
5455.813	39.99	54.00	-14.01	RMS	75	382	Horizontal
5459.859	42.60	54.00	-11.40	RMS	0	353	Vertical
5692.964	54.57	68.20	-13.63	Peak	293	398	Horizontal
5696.360	58.44	68.20	-9.76	Peak	360	282	Vertical

Table 738 - 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.

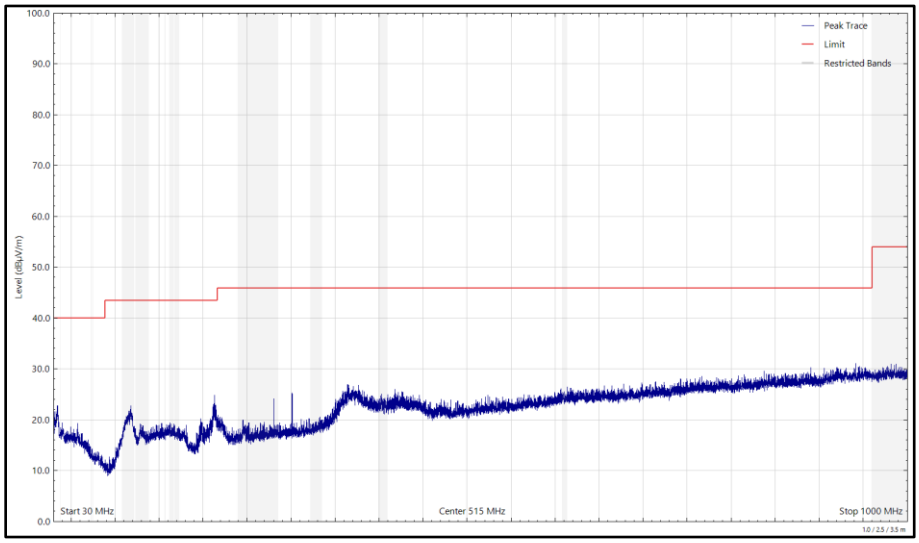

Figure 704 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

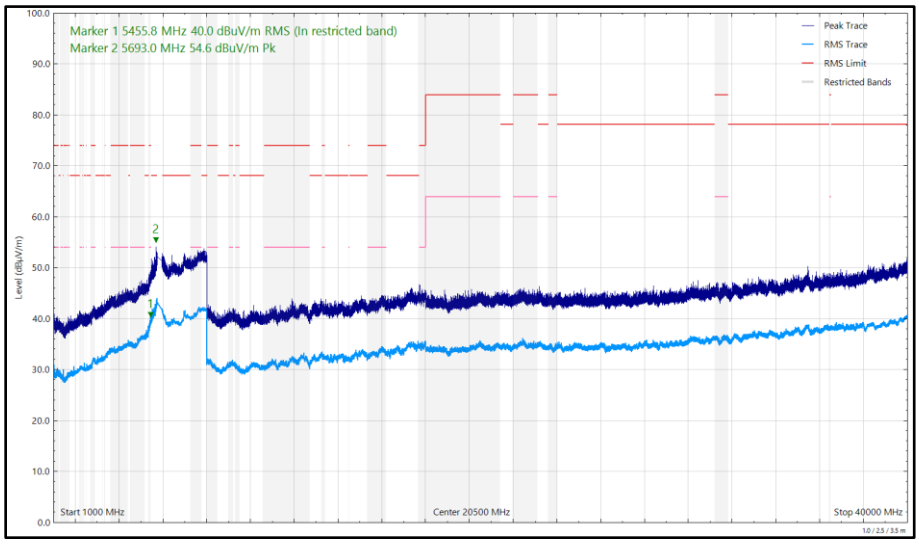

Figure 705 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

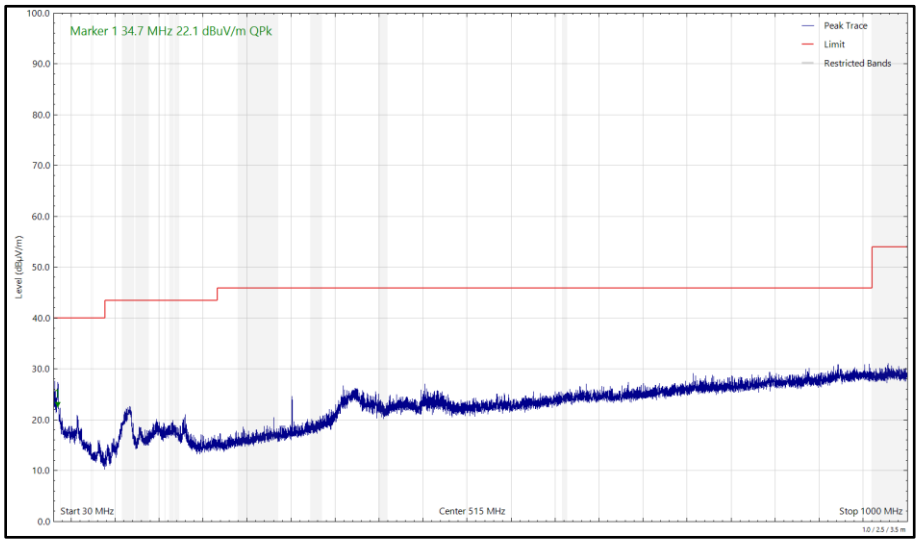

Figure 706 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

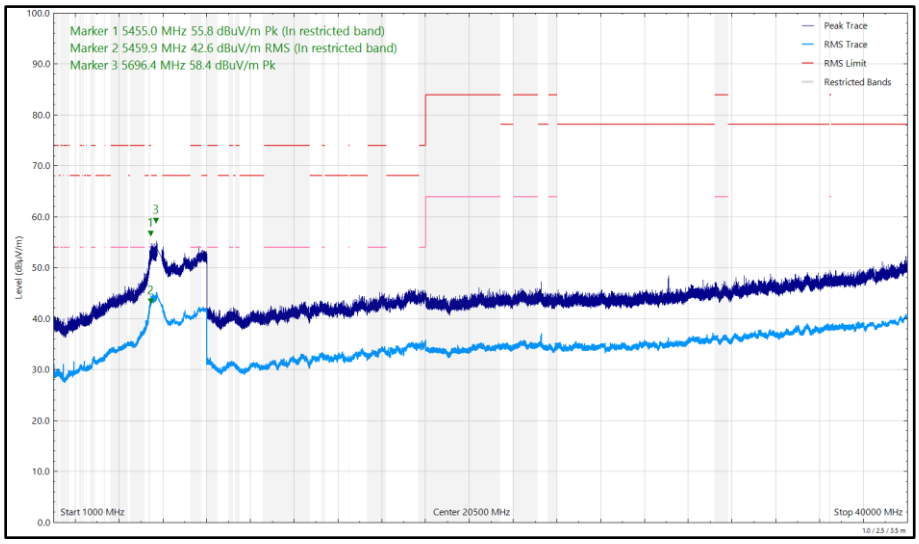

Figure 707 - U-NII-3 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

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 (µV/m) at 3m	Field Strength Limit (dBµV/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 739 - Radiated Emissions Limit Table (FCC)

2.6.8 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.2.0	5125	-	Software
Cable (N to N 1m)	Junkosha	MWX221-01000AMSAMS/B	6009	12	20-May-2025
SAC Switch Unit	TUV SUD	TUV_SSU_001	6144	12	11-Dec-2024
8GHz Highpass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6194	12	23-Apr-2025
Pre Amp 8 - 18 GHz	Wright Technologies	APS06 0061	6200	12	03-Jun-2025
Cable (SMA to SMA 20cm)	TUV SUD	MH-FH 8-18	6215	12	23-Apr-2025
Cable (SMA to SMA 8m)	Junkosha	MWX221-08000AMSAMS/B	6318	12	18-Feb-2025
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	6323	12	04-Feb-2025
EMC Test Receiver	Rohde & Schwarz	ESW44	6333	12	16-Feb-2025
Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9168	6456	24	10-Feb-2025
DRG Horn Antenna (8-18 GHz)	Schwarzbeck	HWRD750	6458	12	05-May-2025
3m Semi-Anechoic Chamber , Chamber18	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
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
Broad-Band Horn Antenna 1-10GHz N	Schwarzbeck	BBHA9120B	6825	12	18-Jul-2025

Table 740

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

A3186, S/N: M6L2V7JQ91 - Modification State 0

2.7.3 Date of Test

12-August-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	19.9 °C
Relative Humidity	37.7 %

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 EUT was configured to run iPerf, transmitting UDP to the client laptop. 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 PXI RF generator adjusted to give -62 dBm.

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

Table 741 - Radar Pulse Type 0 Characteristics

Manufacturer	Model	Serial Number	FCC ID
ASUS	GT-AXE11000	N5IGOX400280MY7	MSQ-RTAXJF00

Table 742 - Details of Master Device used to support testing

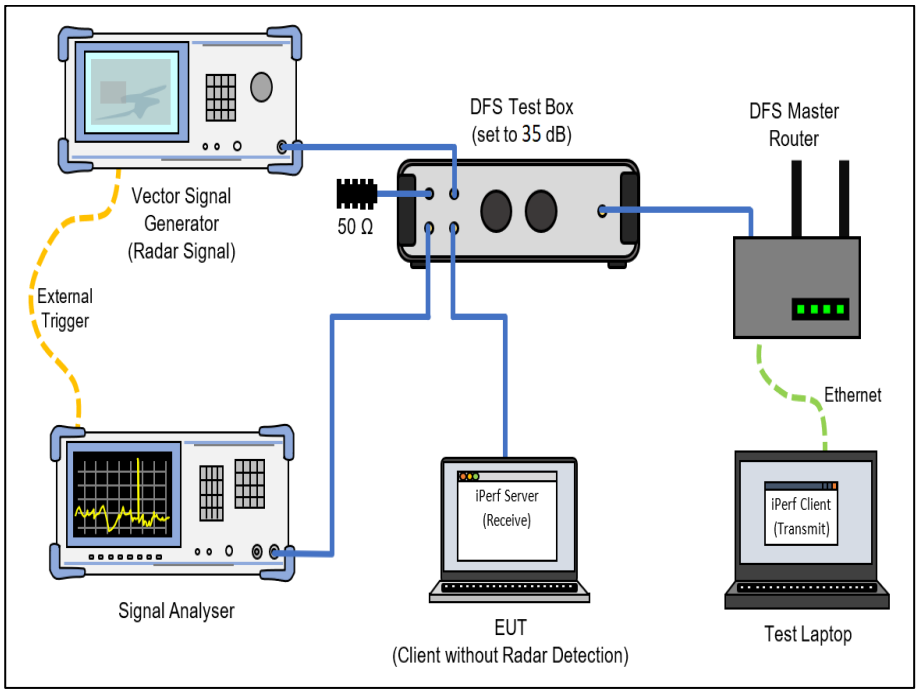

Figure 708- Test Equipment Setup Diagram for Client without Radar Detection with Injection at the Master

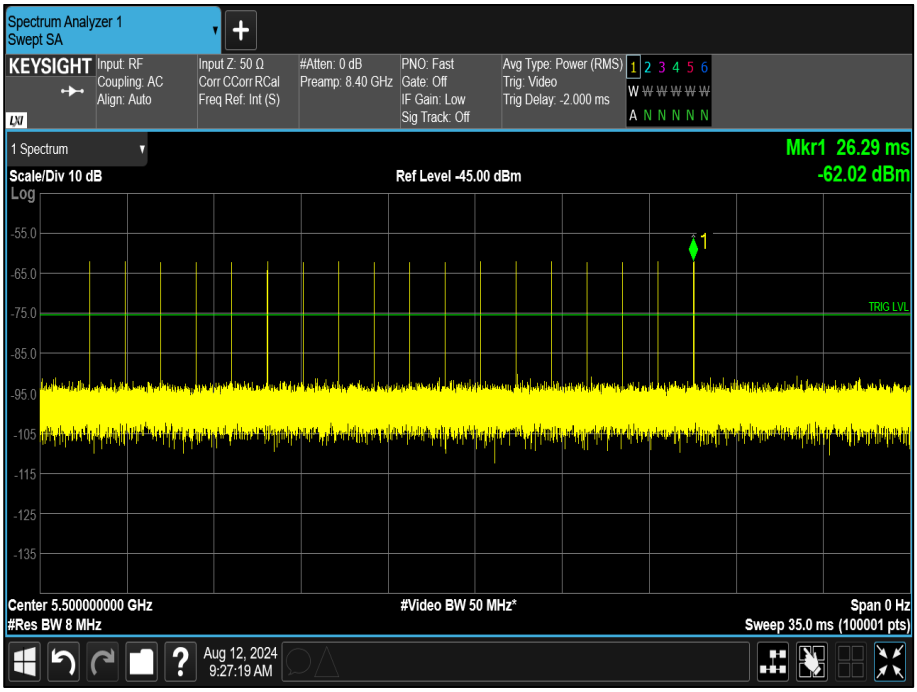

Figure 709 - Verification of Radar Type 0

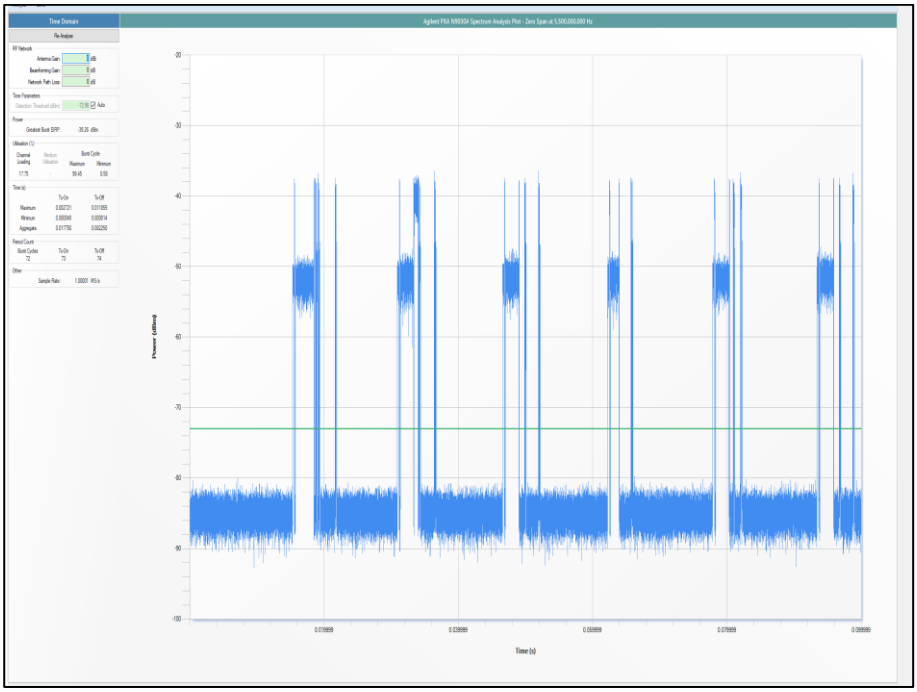

Figure 710 - Channel Loading

The channel loading was 17.75%

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 743 - DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Test Parameter	Result
Test Channel	CH114 (5570 MHz), Control CH36 (5500 MHz)
Channel Move Time	0.898
Channel Closing Time (Aggregate Time During 200 ms)	5.040
Channel Closing Time (Aggregate Time During 200 ms to 10 s)	5.040
Channel Closing Time (Aggregate Time During 10 s)	10.080
Transmission Observed During Non-Occupancy Period	No

Table 744 - In-Service Monitoring Test Results

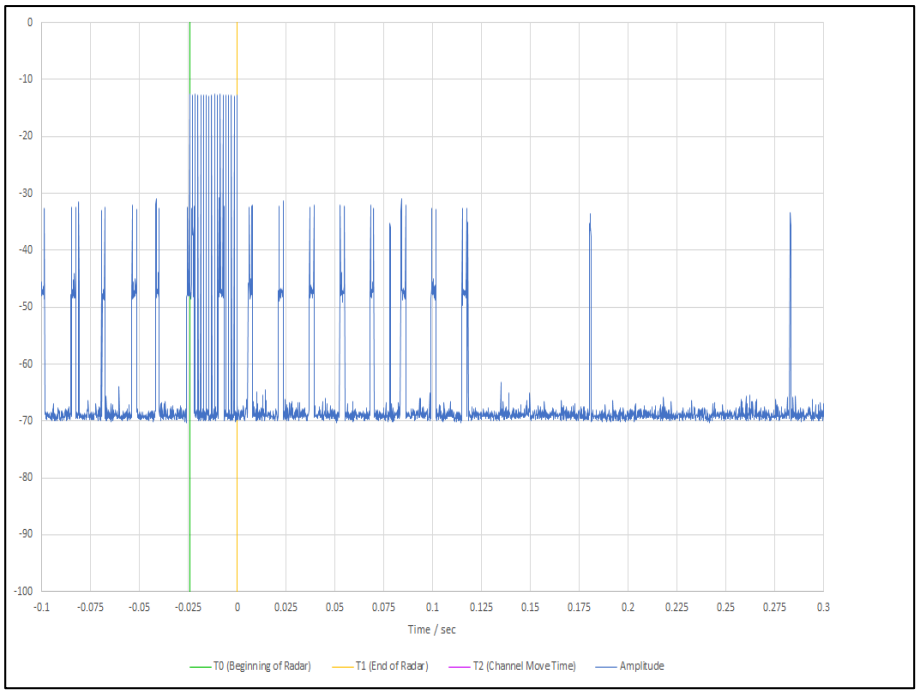

Figure 711 - First 200 ms of Channel Shutdown Period

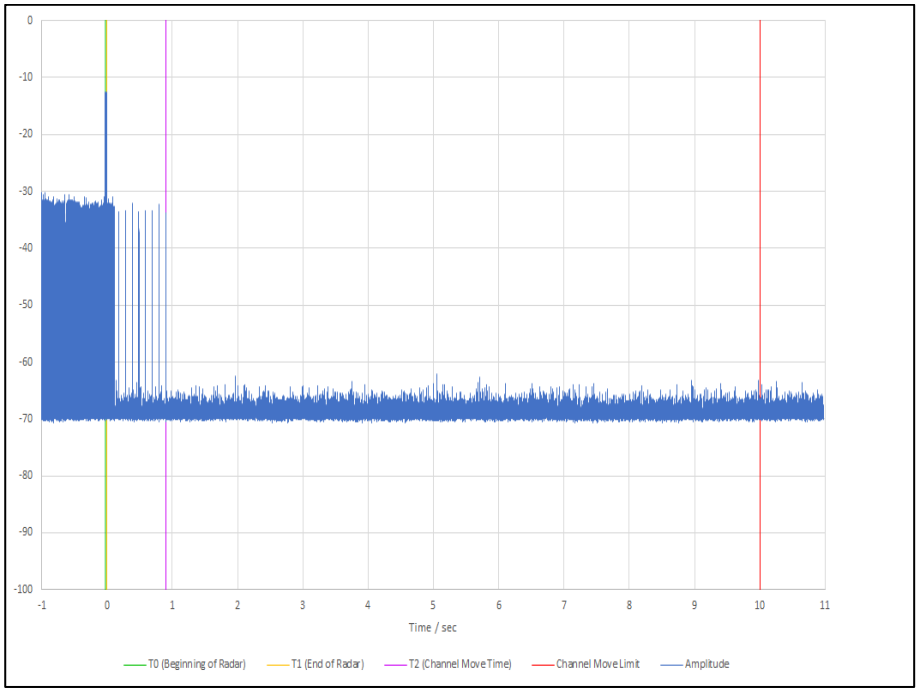

Figure 712 - First 12 s of Channel Shutdown Period

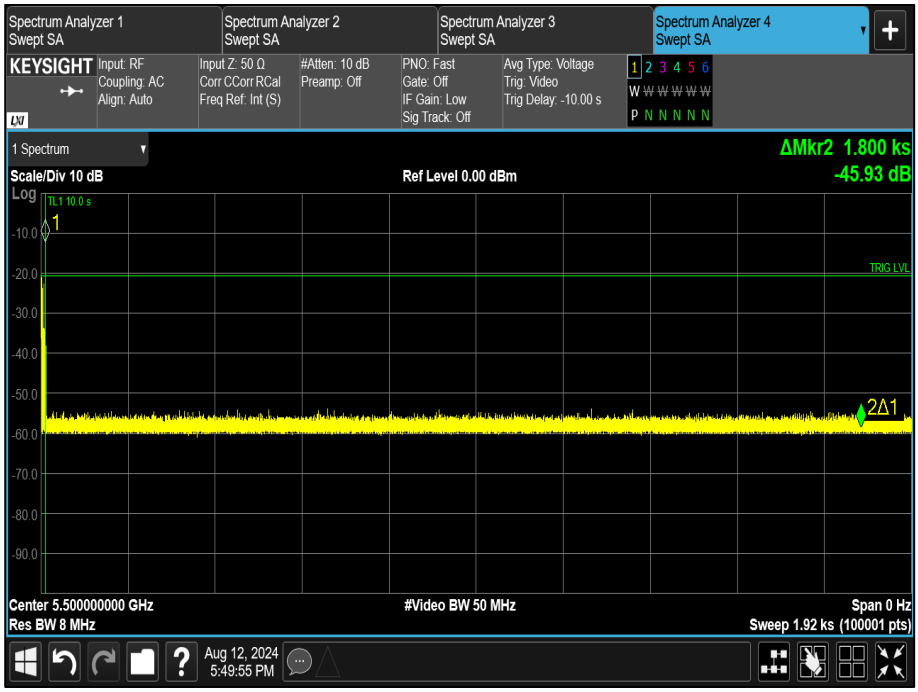

Figure 713 - 30 minute Non-Occupancy Period

5 GHz WLAN - Client 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 EUT was configured to run iPerf, transmitting UDP to the client laptop. 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 PXI RF generator adjusted to give -62 dBm.

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

Table 745 - Radar Pulse Type 0 Characteristics

Manufacturer	Model	Serial Number	FCC ID
ASUS	GT-AXE11000	N5IGOX400280MY7	MSQ-RTAXJF00

Table 746 - Details of Master Device used to support testing

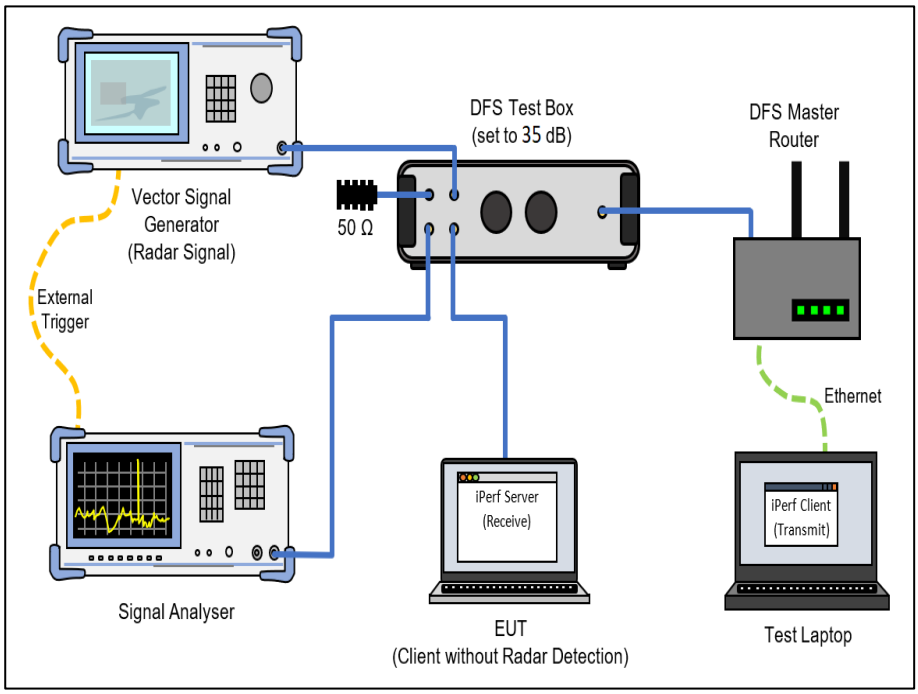

Figure 714 - Test Equipment Setup Diagram for Client without Radar Detection with Injection at the Master