



2.6.7 Test Results

6 GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1199.877	31.01	54.00	-22.99	RMS	115	300	Vertical
1440.150	31.80	54.00	-22.20	RMS	116	331	Vertical
5455.001	38.78	54.00	-15.22	RMS	75	397	Horizontal
5455.605	41.70	54.00	-12.30	RMS	48	281	Vertical

Table 708 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

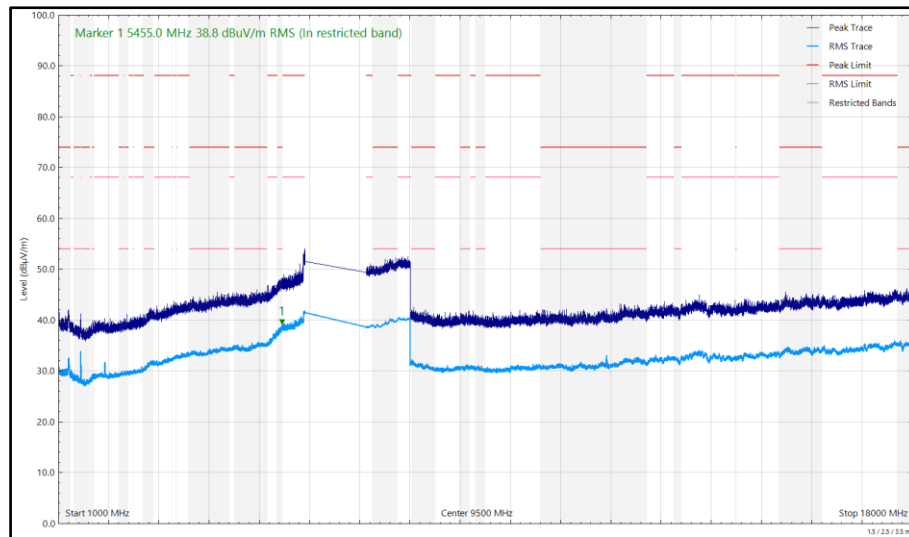


Figure 542 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

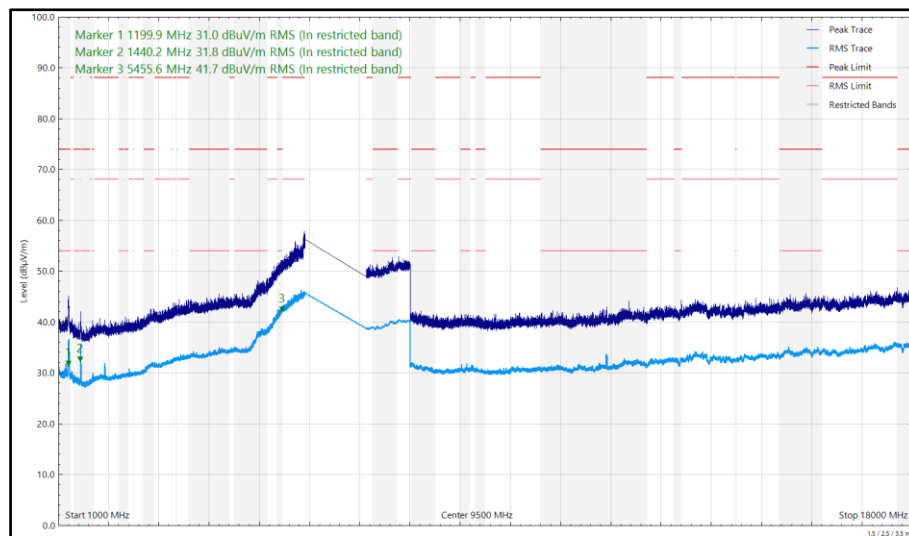


Figure 543 - 5955 MHz (CH1), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
33.228	31.51	40.00	-8.49	Q-Peak	72	119	Vertical
57.399	20.67	40.00	-19.33	Q-Peak	94	107	Horizontal
61.419	31.83	40.00	-8.17	Q-Peak	122	110	Vertical
103.687	22.23	43.50	-21.27	Q-Peak	167	253	Horizontal
103.755	30.38	43.50	-13.12	Q-Peak	179	107	Vertical
1199.903	34.91	54.00	-19.09	RMS	128	221	Vertical
1440.180	31.99	54.00	-22.01	RMS	118	243	Vertical
5454.702	41.56	54.00	-12.44	RMS	323	278	Vertical
5459.697	37.67	54.00	-16.33	RMS	65	344	Horizontal

Table 709 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

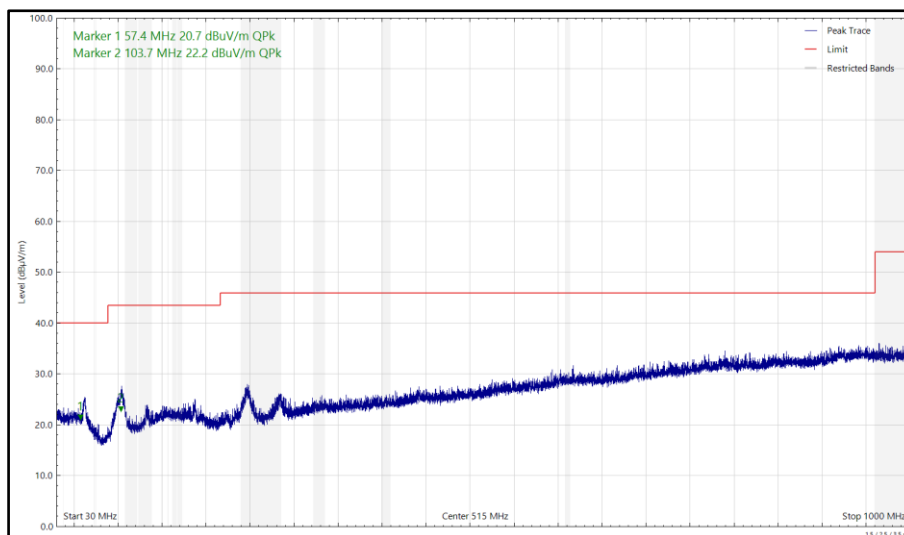


Figure 544 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

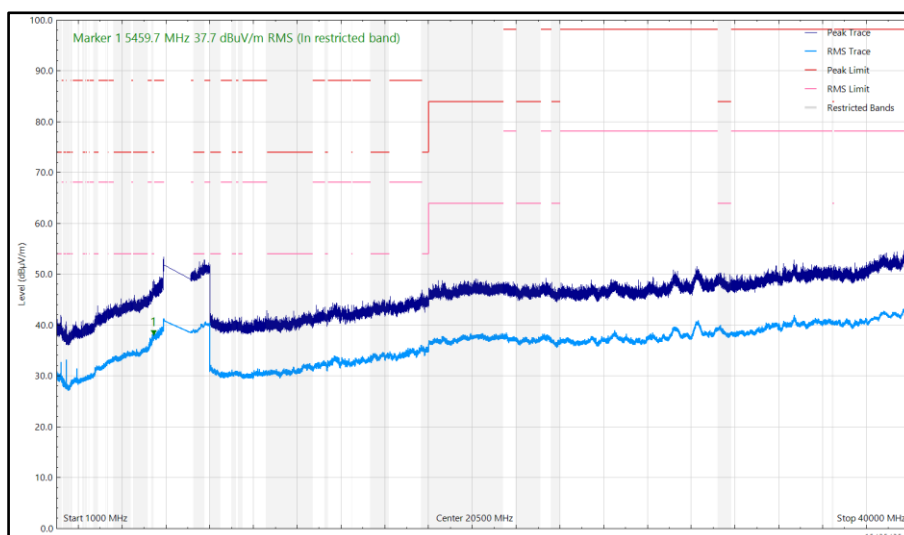


Figure 545 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

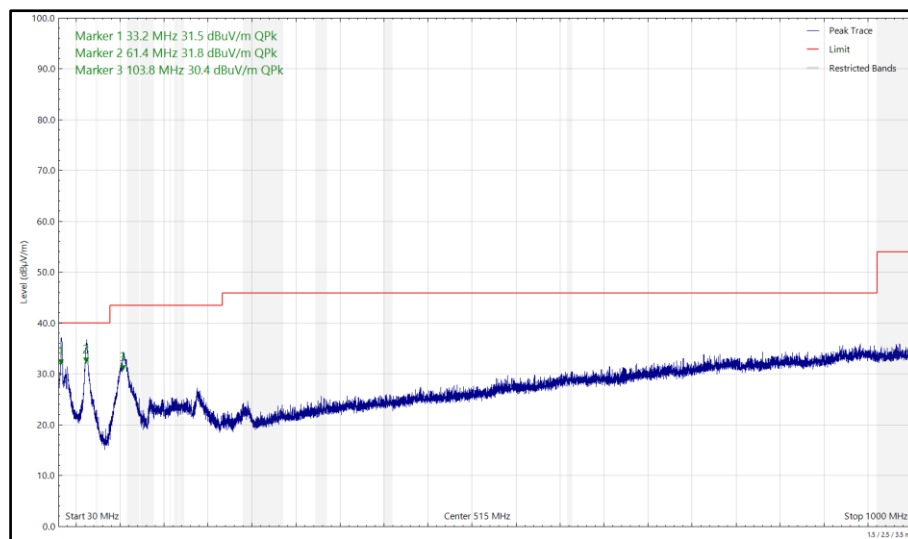


Figure 546 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

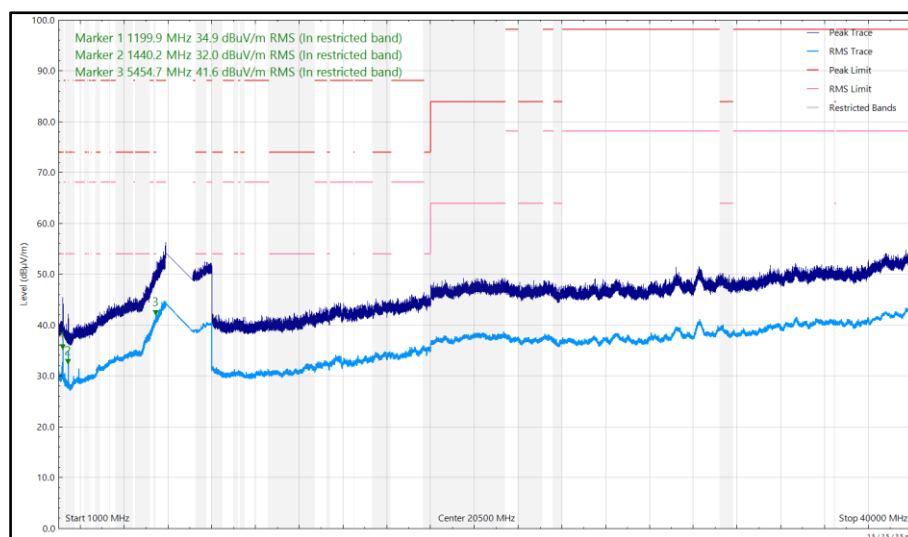


Figure 547 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1200.133	35.56	54.00	-18.44	RMS	128	190	Vertical
1440.180	33.82	54.00	-20.18	RMS	118	263	Vertical
5143.210	40.04	54.00	-13.96	RMS	338	281	Vertical
5451.657	41.55	54.00	-12.45	RMS	326	280	Vertical
5459.017	37.53	54.00	-16.47	RMS	303	358	Horizontal

Table 710 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

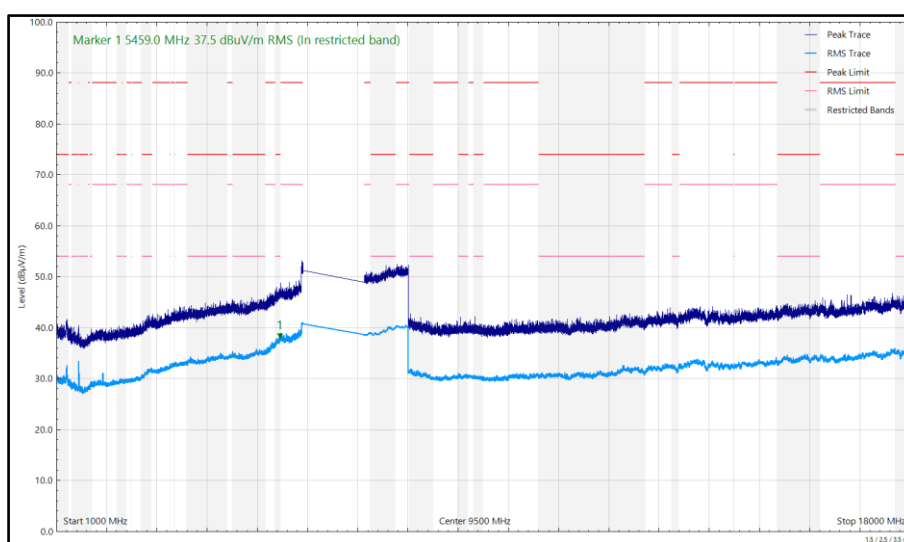


Figure 548 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

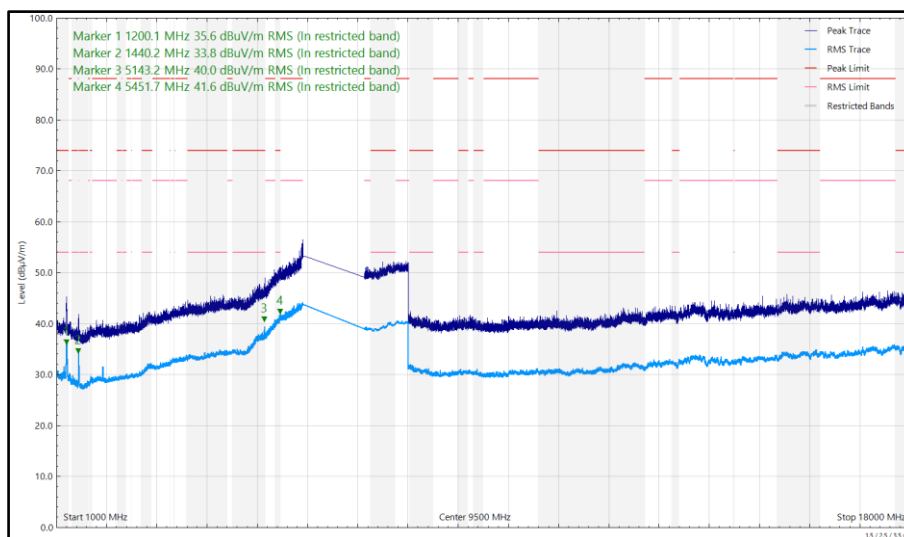


Figure 549 - 6415 MHz (CH93), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1200.033	35.07	54.00	-18.93	RMS	128	164	Vertical
1440.283	29.97	54.00	-24.03	RMS	124	179	Vertical
5147.668	39.95	54.00	-14.05	RMS	339	267	Vertical
5451.736	42.22	54.00	-11.78	RMS	326	277	Vertical
5453.302	35.88	54.00	-18.12	RMS	141	349	Horizontal

Table 711 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

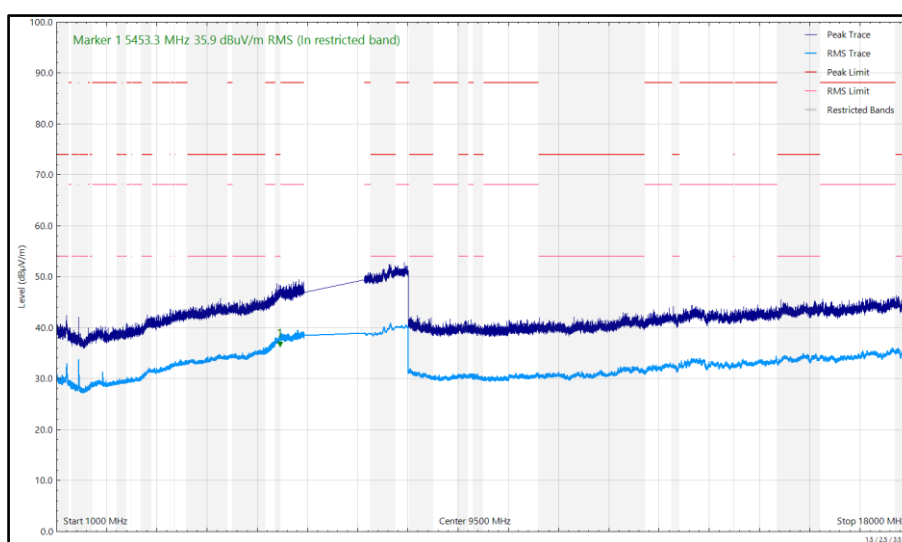


Figure 550 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

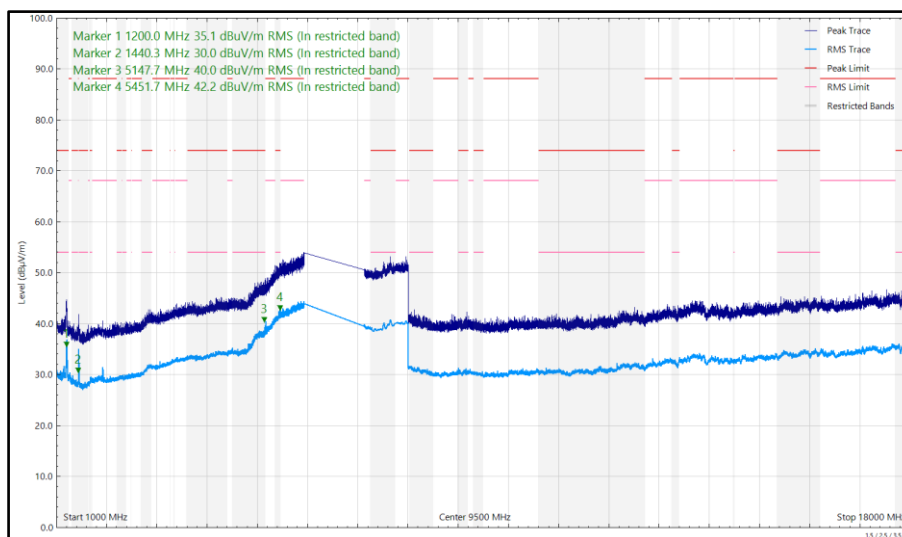


Figure 551 - 6435 MHz (CH97), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
33.275	32.23	40.00	-7.77	Q-Peak	42	100	Vertical
61.772	20.85	40.00	-19.15	Q-Peak	161	110	Horizontal
62.059	32.85	40.00	-7.15	Q-Peak	179	104	Vertical
99.691	19.81	43.50	-23.69	Q-Peak	137	298	Horizontal
103.980	30.09	43.50	-13.41	Q-Peak	208	110	Vertical
1191.095	30.22	54.00	-23.78	RMS	126	291	Vertical
1440.253	33.01	54.00	-20.99	RMS	128	305	Vertical
5458.801	41.32	54.00	-12.68	RMS	40	285	Vertical
5459.348	37.82	54.00	-16.18	RMS	302	385	Horizontal

Table 712 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

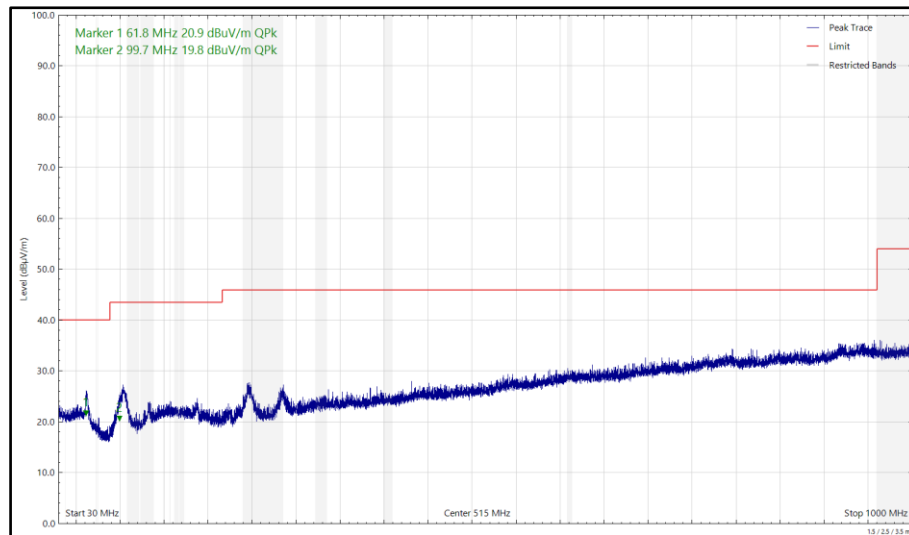


Figure 552 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

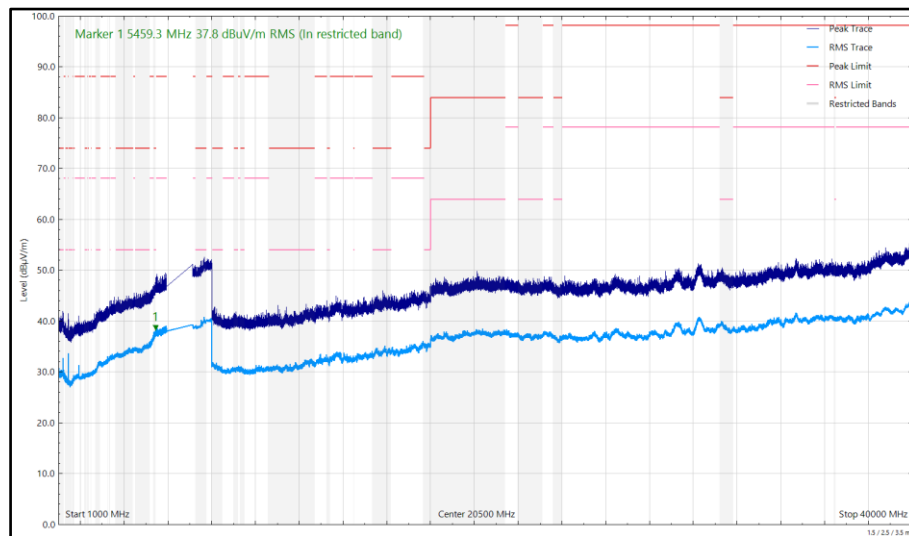


Figure 553 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

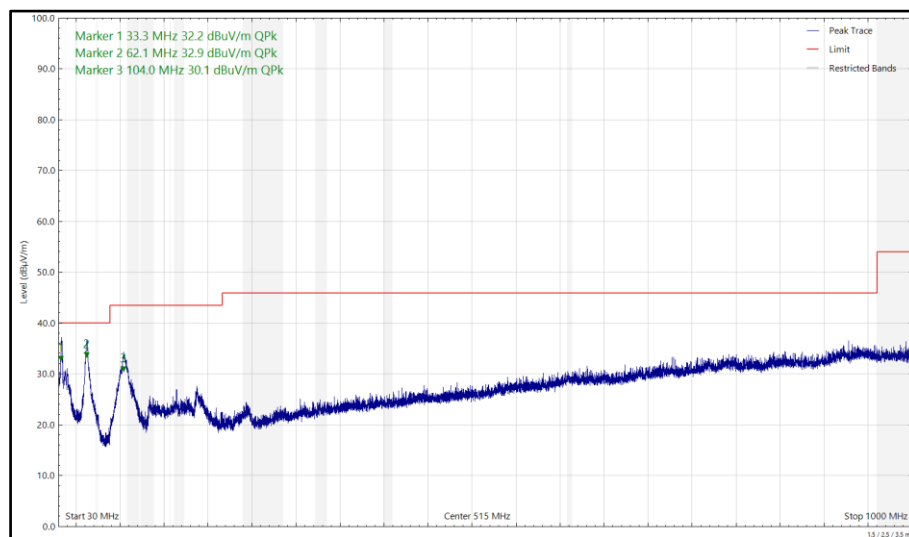


Figure 554 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

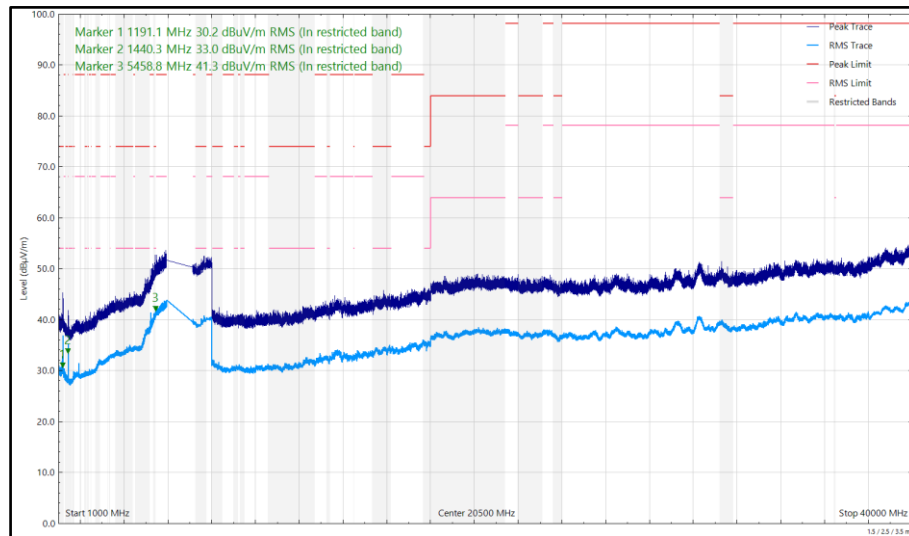


Figure 555 - 6475 MHz (CH105), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1200.582	29.64	54.00	-24.36	RMS	128	328	Vertical
1440.194	31.27	54.00	-22.73	RMS	118	319	Vertical
5454.379	38.19	54.00	-15.81	RMS	77	390	Horizontal
5459.386	42.10	54.00	-11.90	RMS	325	296	Vertical

Table 713 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

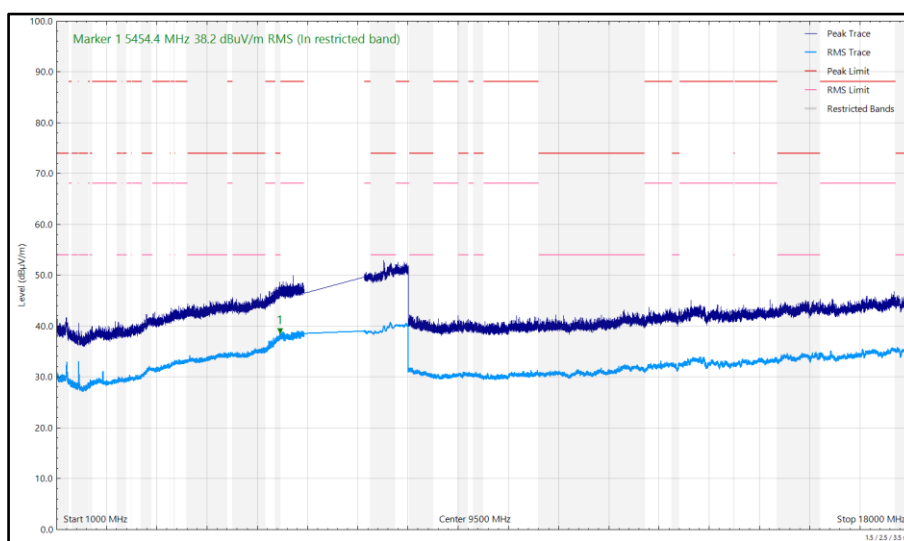


Figure 556 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

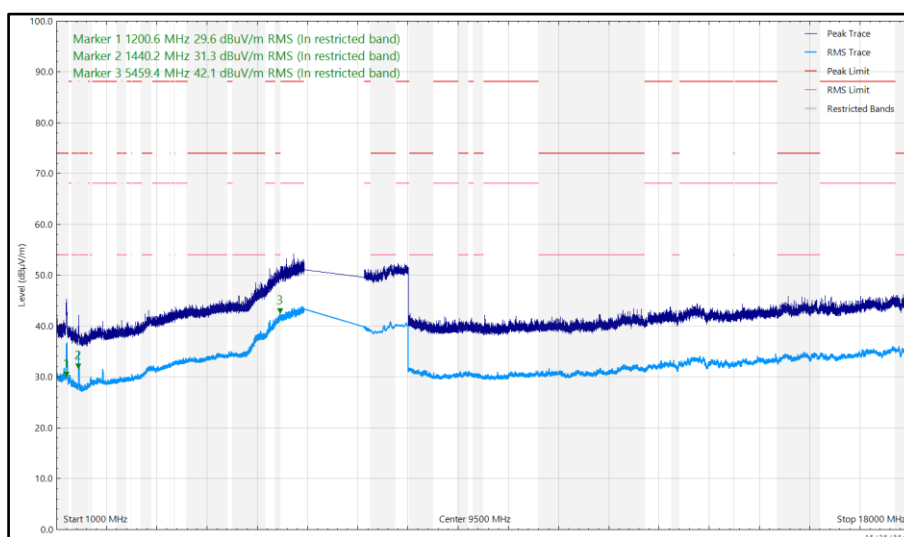


Figure 557 - 6515 MHz (CH113), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1200.246	33.46	54.00	-20.54	RMS	113	214	Vertical
1440.135	30.47	54.00	-23.53	RMS	118	230	Vertical
5455.847	36.85	54.00	-17.15	RMS	323	390	Horizontal
5459.042	40.84	54.00	-13.16	RMS	47	239	Vertical

Table 714 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

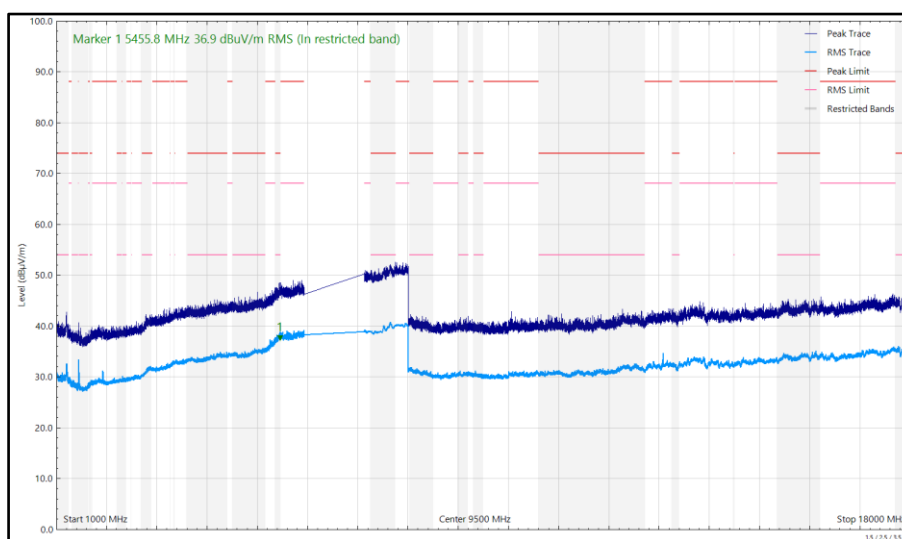


Figure 558 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

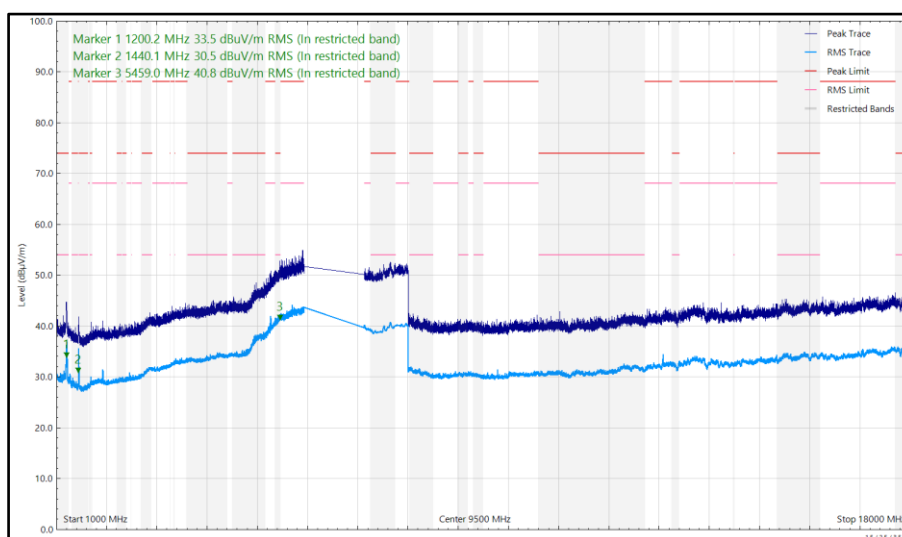


Figure 559 - 6535 MHz (CH117), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.753	23.82	40.00	-16.18	Q-Peak	256	103	Vertical
59.250	25.60	40.00	-14.40	Q-Peak	107	100	Vertical
65.222	19.23	40.00	-20.77	Q-Peak	5	126	Horizontal
106.519	34.49	43.50	-9.01	Q-Peak	274	100	Vertical
109.022	33.97	43.50	-9.53	Q-Peak	198	309	Horizontal
127.786	31.92	43.50	-11.58	Q-Peak	359	259	Horizontal
172.990	30.76	43.50	-12.74	Q-Peak	32	152	Horizontal
173.609	28.65	43.50	-14.85	Q-Peak	233	110	Vertical
223.458	35.62	46.00	-10.38	Q-Peak	173	123	Horizontal
224.712	34.19	46.00	-11.81	Q-Peak	15	100	Vertical
335.961	33.48	46.00	-12.52	Q-Peak	7	124	Horizontal
343.500	28.00	46.00	-18.00	Q-Peak	350	242	Vertical
5422.622	38.32	54.00	-15.68	RMS	79	368	Horizontal
5458.387	36.02	54.00	-17.98	RMS	189	302	Vertical
13392.071	36.76	54.00	-17.24	RMS	2	211	Vertical
13392.434	35.63	54.00	-18.37	RMS	285	349	Horizontal

Table 715 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 GHz to 40 GHz

No other emissions found within 20 dB of the limit.

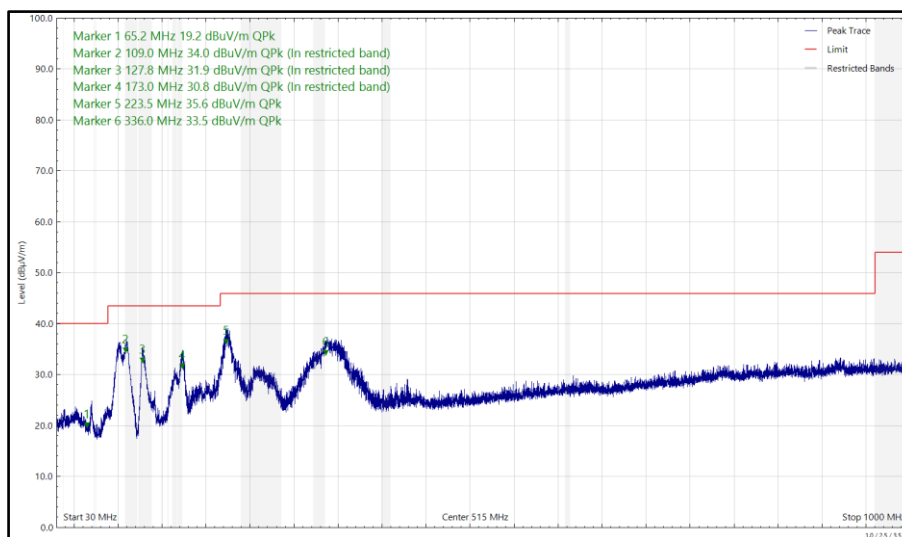


Figure 560 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

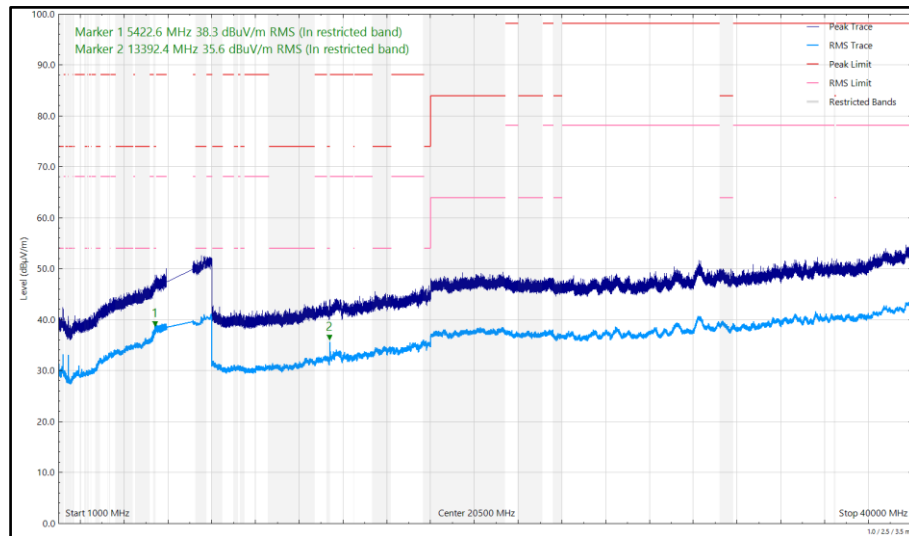


Figure 561 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

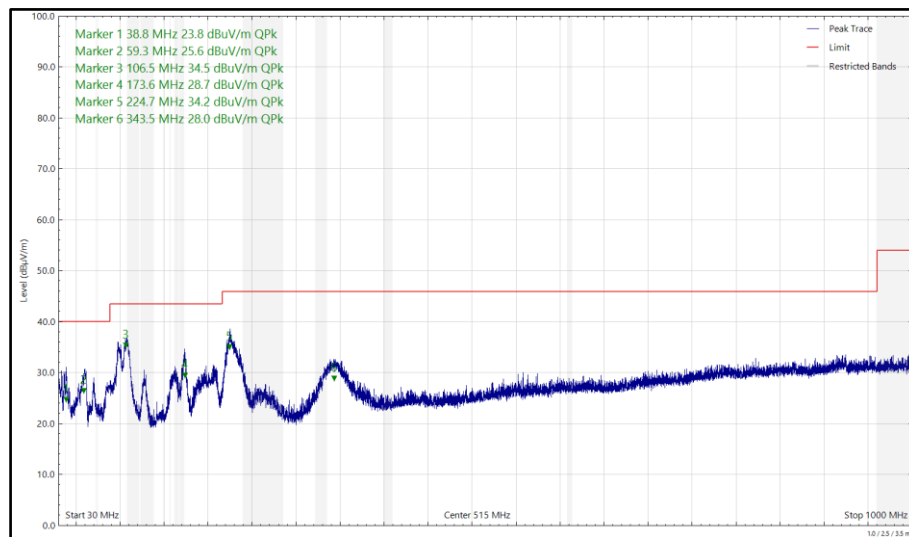


Figure 562 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

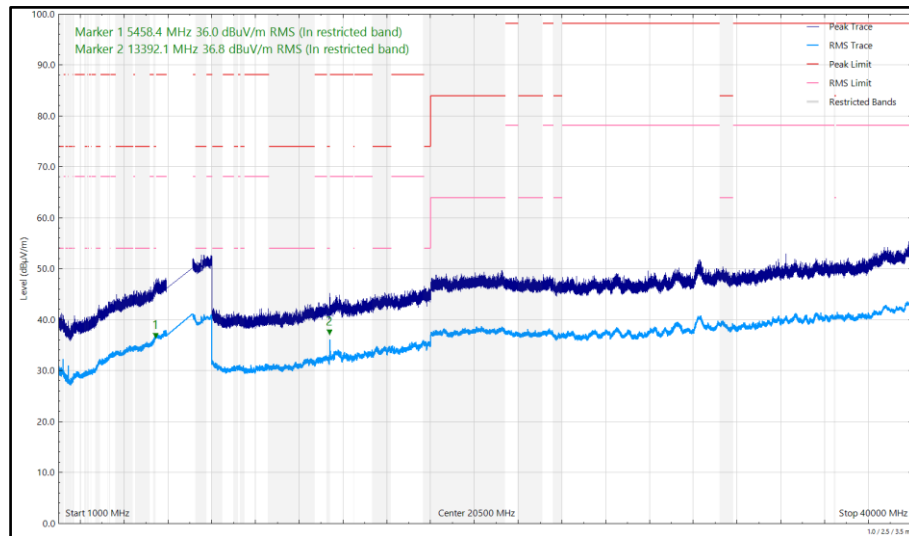


Figure 563 - 6695 MHz (CH149), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1200.303	35.15	54.00	-18.85	RMS	128	166	Vertical
1439.898	27.66	54.00	-26.34	RMS	118	325	Horizontal
1440.164	34.83	54.00	-19.17	RMS	126	280	Vertical
5435.878	38.18	54.00	-15.82	RMS	72	396	Horizontal
5446.260	40.96	54.00	-13.04	RMS	38	260	Vertical

Table 716 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

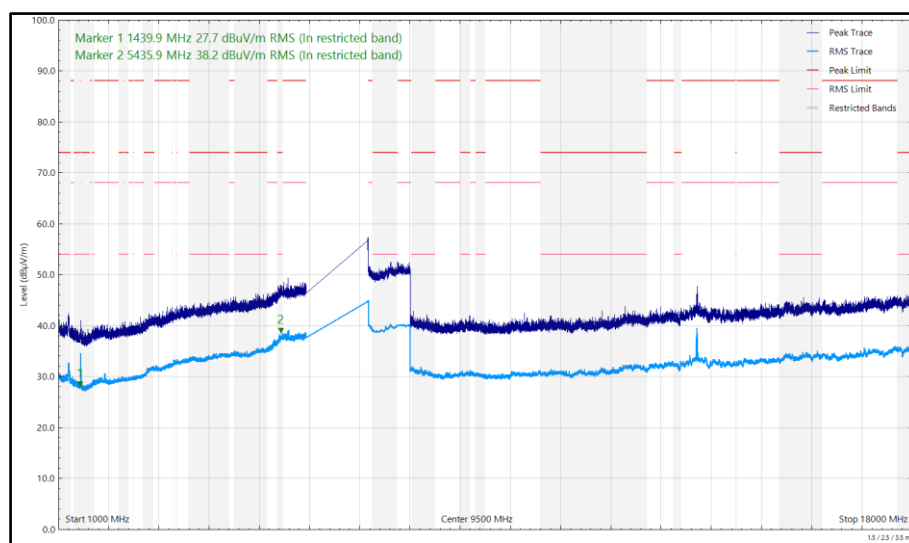


Figure 564 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

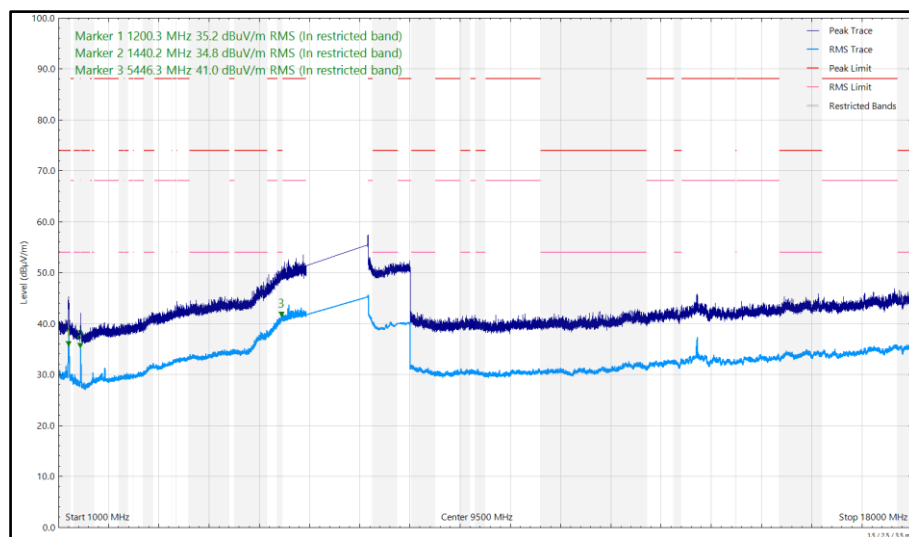


Figure 565 - 6855 MHz (CH181), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1191.382	30.46	54.00	-23.54	RMS	127	282	Vertical
1440.194	32.34	54.00	-21.66	RMS	123	317	Vertical
1440.224	27.78	54.00	-26.22	RMS	118	329	Horizontal
5446.384	41.22	54.00	-12.78	RMS	326	256	Vertical
5446.475	38.05	54.00	-15.95	RMS	68	387	Horizontal

Table 717 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

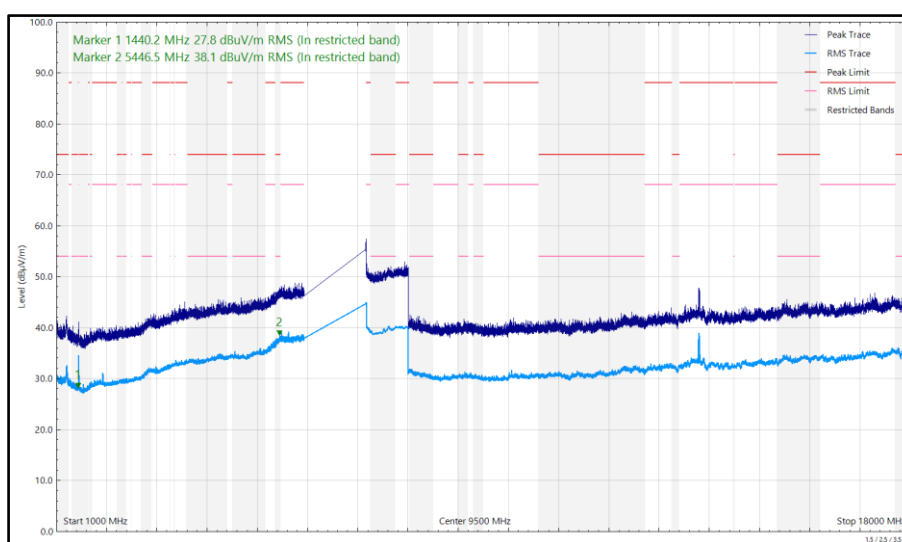


Figure 566 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

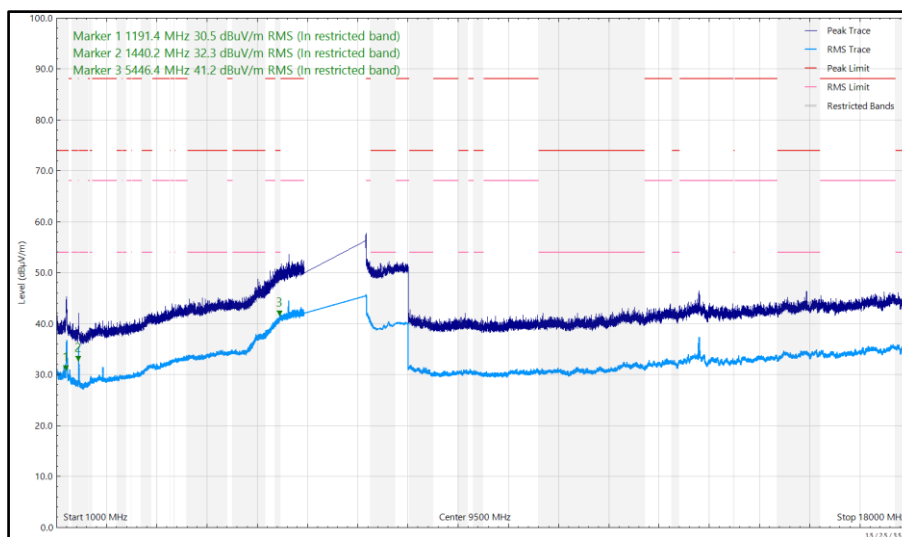


Figure 567 - 6895 MHz (CH189), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
33.367	32.47	40.00	-7.53	Q-Peak	20	100	Vertical
62.481	32.23	40.00	-7.77	Q-Peak	242	129	Vertical
63.098	20.58	40.00	-19.42	Q-Peak	62	118	Horizontal
103.050	22.50	43.50	-21.00	Q-Peak	173	277	Horizontal
104.485	29.77	43.50	-13.73	Q-Peak	199	119	Vertical
1191.087	30.14	54.00	-23.86	RMS	128	291	Vertical
1440.135	30.94	54.00	-23.06	RMS	127	214	Vertical
1440.431	27.76	54.00	-26.24	RMS	125	311	Horizontal
5442.353	38.18	54.00	-15.82	RMS	70	392	Horizontal
5453.009	41.10	54.00	-12.90	RMS	321	300	Vertical
7250.927	40.66	54.00	-13.34	RMS	311	254	Vertical

Table 718 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

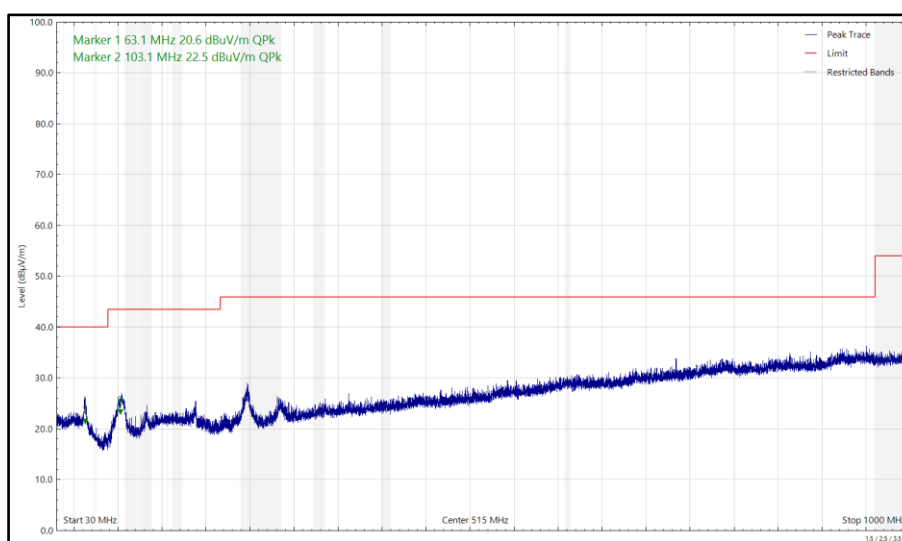


Figure 568 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

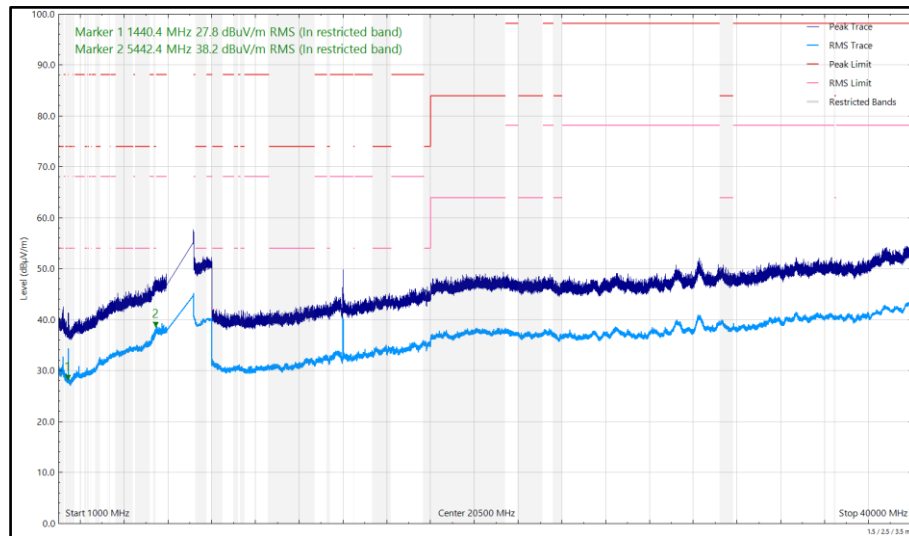


Figure 569 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

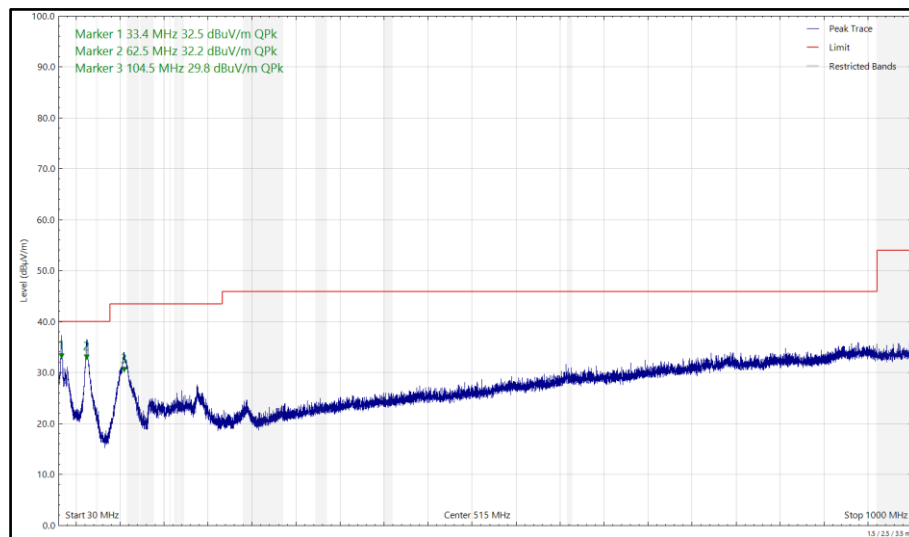


Figure 570 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

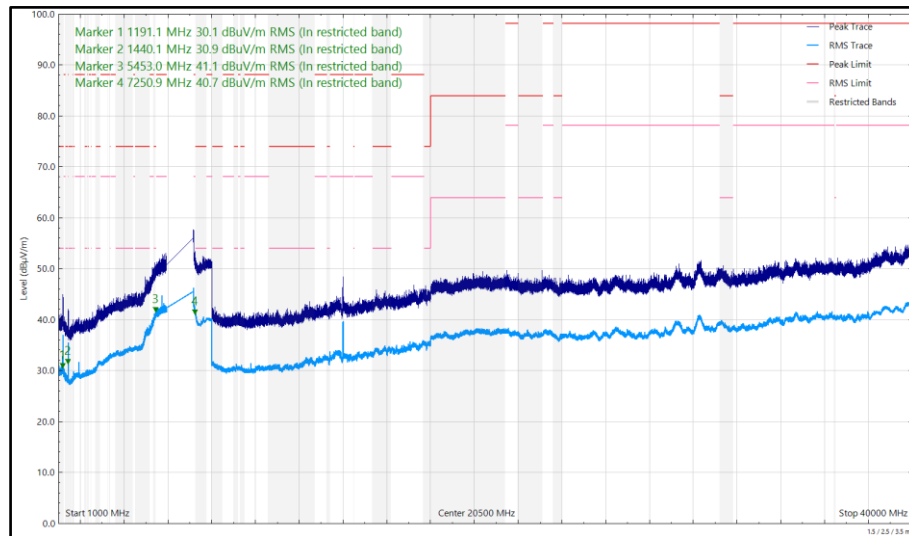


Figure 571 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1200.041	33.70	54.00	-20.30	RMS	117	190	Vertical
1440.253	30.67	54.00	-23.33	RMS	118	287	Vertical
5429.803	37.74	54.00	-16.26	RMS	75	397	Horizontal
5435.998	40.53	54.00	-13.47	RMS	320	287	Vertical
7251.140	41.21	54.00	-12.79	RMS	326	276	Vertical

Table 719 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

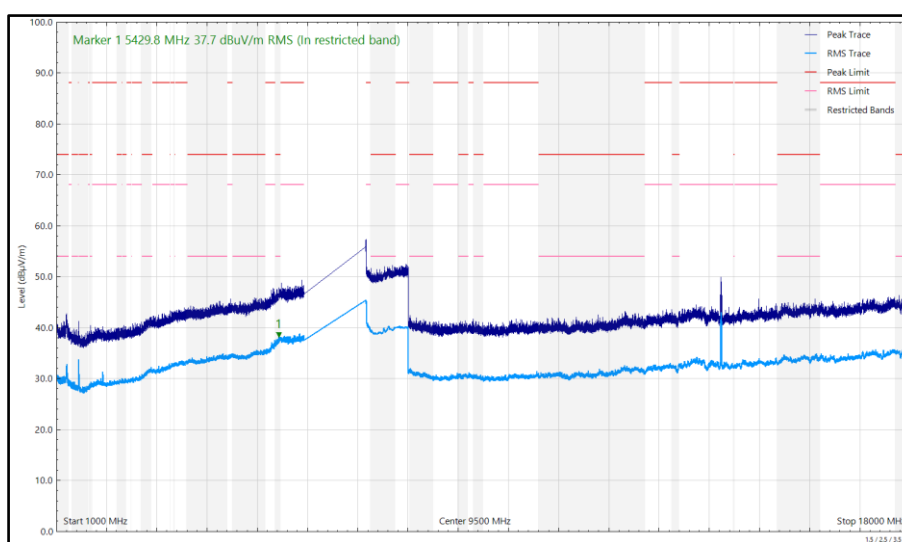


Figure 572 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

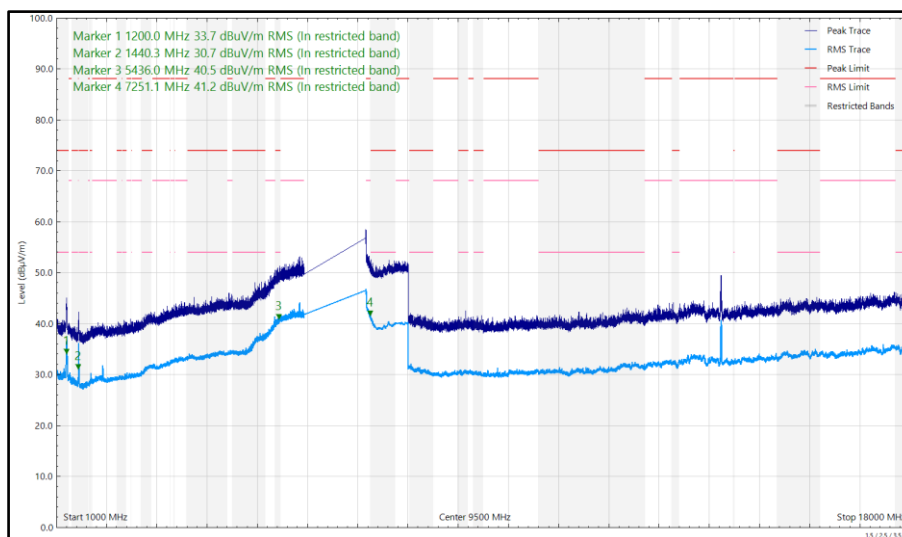


Figure 573 - 7115 MHz (CH233), HE20, SU, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1200.057	35.53	54.00	-18.47	RMS	128	202	Vertical
1440.135	35.06	54.00	-18.94	RMS	128	257	Vertical
1440.135	28.66	54.00	-25.34	RMS	118	353	Horizontal
5451.639	36.35	54.00	-17.65	RMS	118	390	Horizontal
5452.600	40.72	54.00	-13.28	RMS	40	269	Vertical
7251.533	39.92	54.00	-14.08	RMS	37	298	Vertical

Table 720 - 7115 MHz (CH233), EHT20, RU52+26-70, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

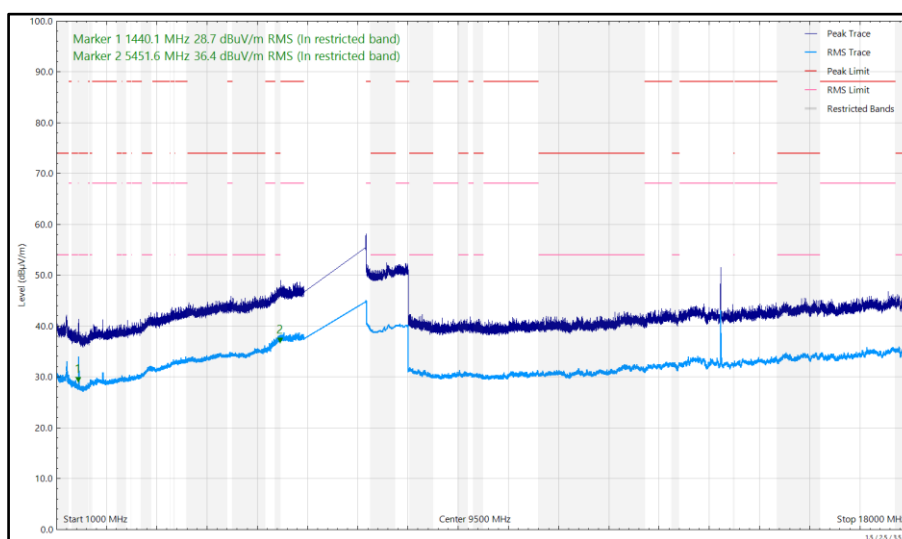


Figure 574 - 7115 MHz (CH233), EHT20, RU52+26-70, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

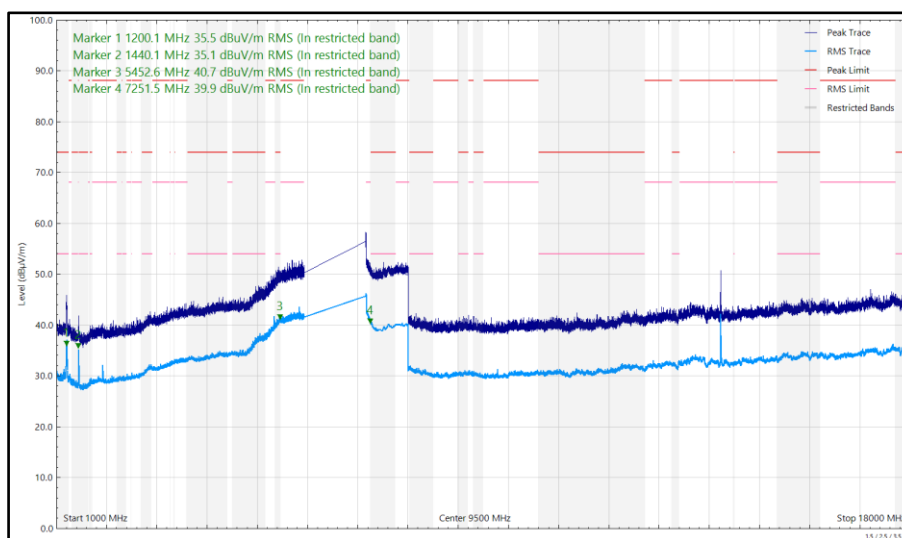


Figure 575 - 7115 MHz (CH233), EHT20, RU52+26-70, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1200.148	34.65	54.00	-19.35	RMS	118	169	Vertical
1440.283	27.86	54.00	-26.14	RMS	128	307	Horizontal
1440.283	32.24	54.00	-21.76	RMS	111	304	Vertical
5409.103	37.35	54.00	-16.65	RMS	65	394	Horizontal
5457.064	41.34	54.00	-12.66	RMS	328	299	Vertical
7252.700	40.35	54.00	-13.65	RMS	327	219	Vertical

Table 721 - 7115 MHz (CH233), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

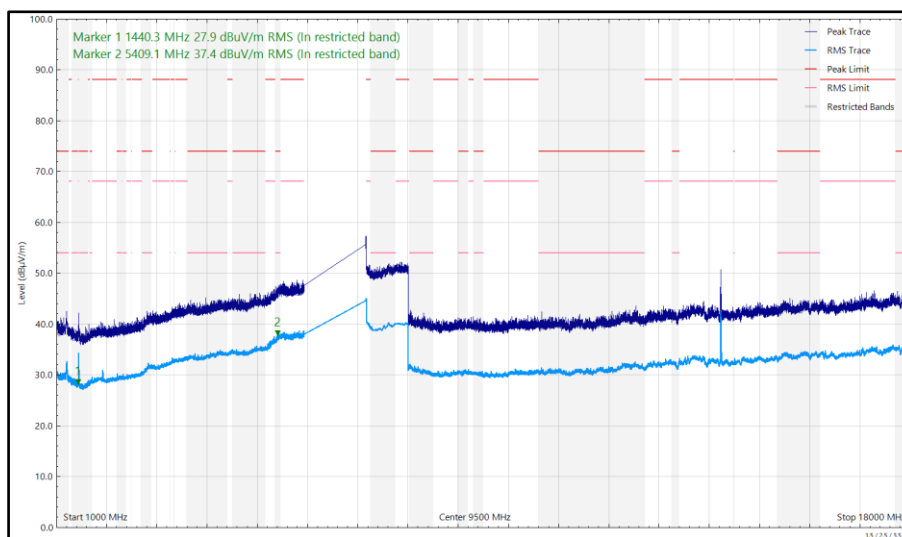


Figure 576 - 7115 MHz (CH233), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

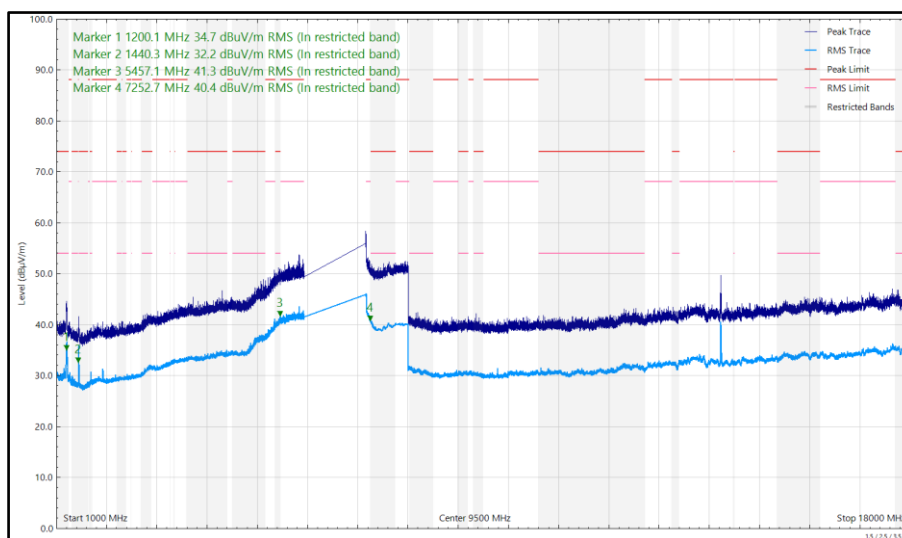


Figure 577 - 7115 MHz (CH233), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1200.633	32.29	54.00	-21.71	RMS	108	279	Vertical
1440.209	33.49	54.00	-20.51	RMS	108	316	Vertical
5457.597	37.98	54.00	-16.02	RMS	305	391	Horizontal
5458.774	42.34	54.00	-11.66	RMS	35	282	Vertical
5811.659	48.18	68.20	-20.02	RMS	33	285	Vertical

Table 722 - 6025 MHz (CH15), EHT160, RU996+484+242-96P, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

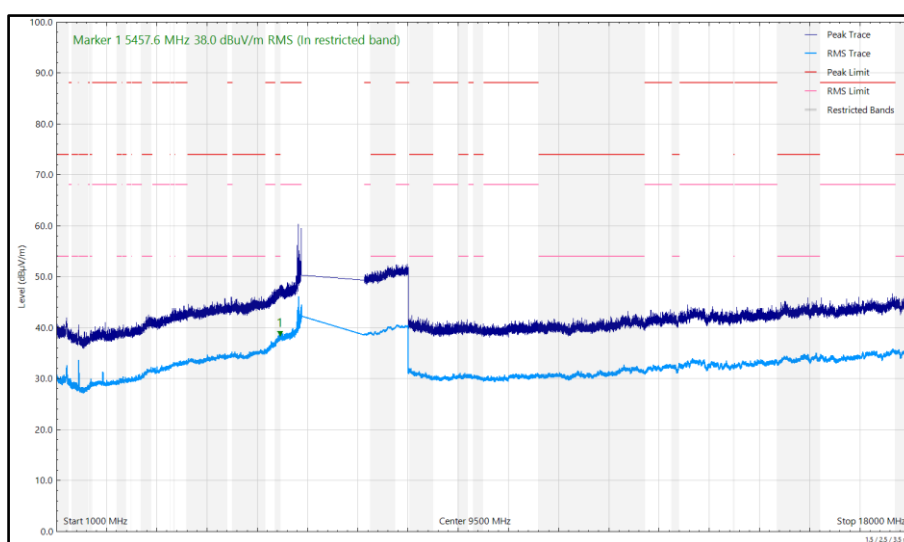


Figure 578 - 6025 MHz (CH15), EHT160, RU996+484+242-96P, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

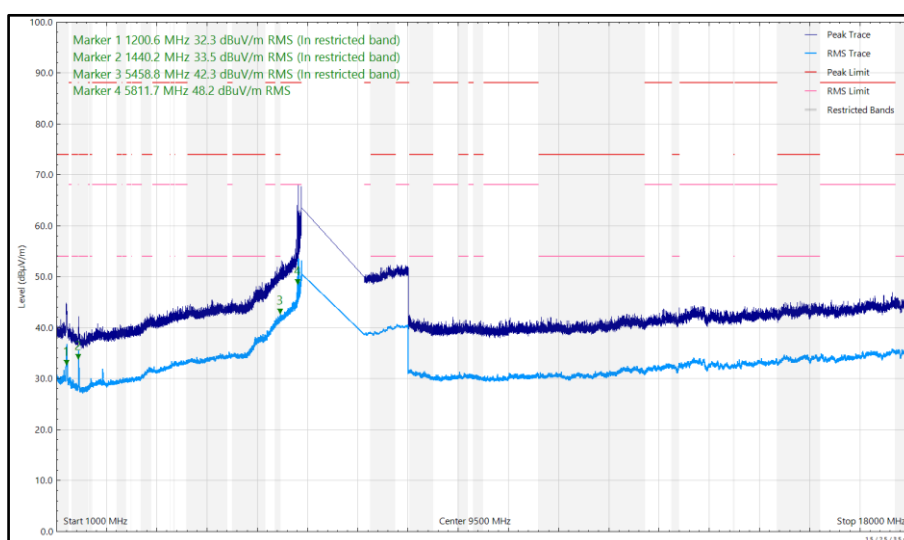


Figure 579 - 6025 MHz (CH15), EHT160, RU996+484+242-96P, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1200.221	34.60	54.00	-19.40	RMS	118	166	Vertical
1440.150	30.59	54.00	-23.41	RMS	118	288	Vertical
5456.875	42.51	54.00	-11.49	RMS	25	291	Vertical
5457.315	37.05	54.00	-16.95	RMS	322	352	Horizontal
5871.667	70.48	88.20	-17.72	Peak	29	300	Vertical
5874.988	50.04	68.20	-18.16	RMS	20	317	Vertical

Table 723 - 6025 MHz (CH15), EHT160, RU996+484+242-98S, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

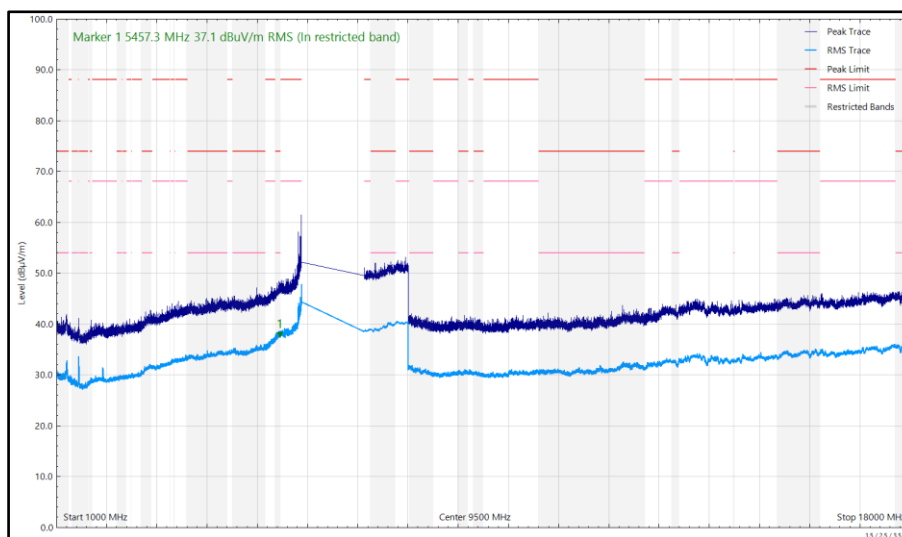


Figure 580 - 6025 MHz (CH15), EHT160, RU996+484+242-98S, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

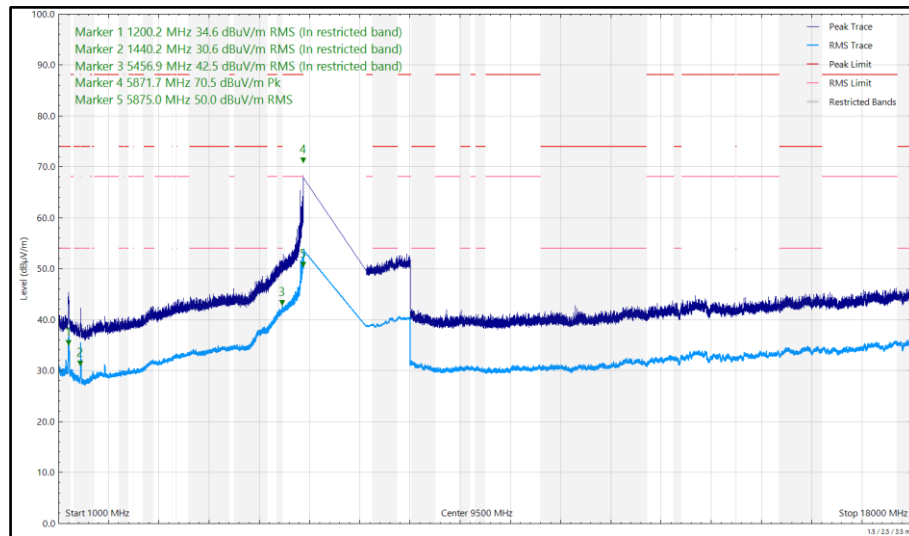


Figure 581 - 6025 MHz (CH15), EHT160, RU996+484+242-98S, CDD, Core 0 + Core 1, 1 GHz to 18 GHz,
Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1200.287	34.88	54.00	-19.12	RMS	128	164	Vertical
1440.224	34.41	54.00	-19.59	RMS	118	269	Vertical
5456.036	37.21	54.00	-16.79	RMS	311	390	Horizontal
5456.325	41.13	54.00	-12.87	RMS	321	311	Vertical

Table 724 - 6505 MHz (CH111), EHT160, RU996+484-94P, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

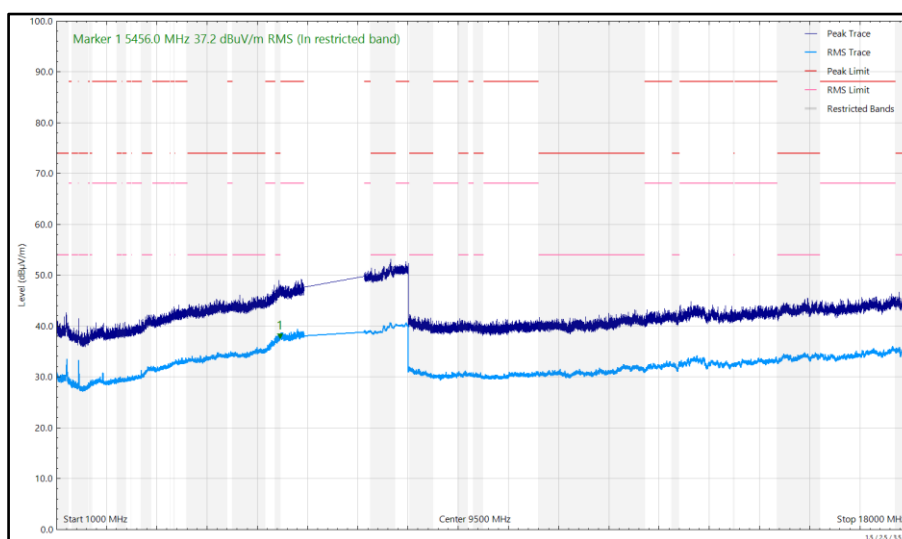


Figure 582 - 6505 MHz (CH111), EHT160, RU996+484-94P, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

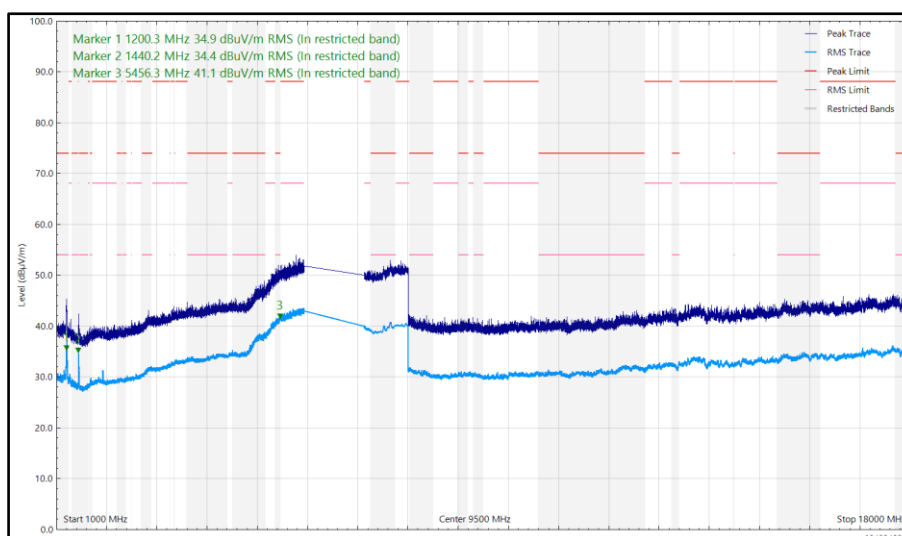


Figure 583 - 6505 MHz (CH111), EHT160, RU996+484-94P, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1200.287	34.61	54.00	-19.39	RMS	112	159	Vertical
1440.076	32.56	54.00	-21.44	RMS	108	306	Vertical
5446.083	37.69	54.00	-16.31	RMS	60	377	Horizontal
5458.331	41.84	54.00	-12.16	RMS	323	285	Vertical

Table 725 - 6505 MHz (CH111), EHT160, RU484+242-93S, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

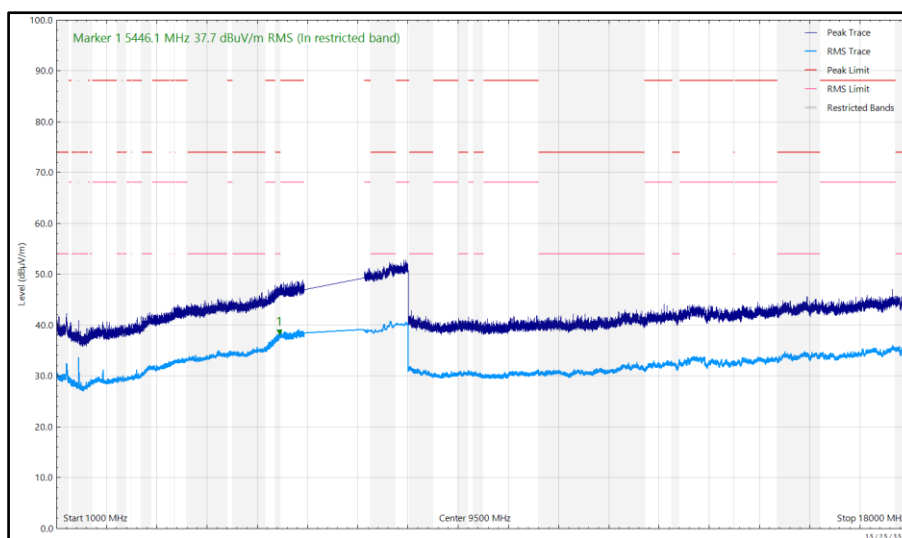


Figure 584 - 6505 MHz (CH111), EHT160, RU484+242-93S, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

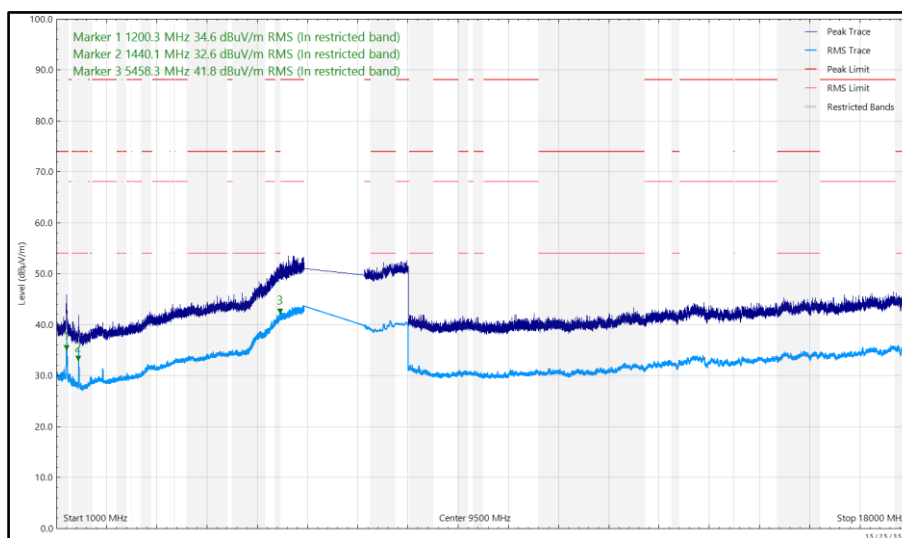


Figure 585 - 6505 MHz (CH111), EHT160, RU484+242-93S, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical



FCC 47 CFR Part 15, Limit Clause 15.407(b)(5) and 15.209

Emissions not falling within the restricted bands listed in 15.205:

For transmitters operating within the 5.925–7.125 GHz band: Any emissions outside of the 5.925–7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in 15.209.

Emissions within the restricted bands listed in FCC 47 CFR Part 15.205:

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 726 - Radiated Emissions Limit Table (FCC)

ISED RSS-248, Limit Clause 4.6.2(a) and ISED RSS-GEN, Limit Clause 8.9

Emissions not falling within the restricted bands listed in ISED RSS-GEN, Clause 8.10:

Any emissions outside of the 5925-7125 MHz band shall not exceed –27 dBm/MHz e.i.r.p.

Any emissions below 1000 MHz shall meet the general field strength limits specified in RSS-Gen

Emissions falling within the restricted bands listed in ISED RSS-GEN, Clause 8.10:

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 727 - Radiated Emissions Limit Table (ISED)

2.6.8 Test Location and Test Equipment Used

This test was carried out in RF Chamber 15 and RF Chamber 16.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.6.1	5125	-	TU
Test Receiver	Rohde & Schwarz	ESW44	5914	12	17-Jun-2026
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKMS/B	5937	12	12-Jun-2026
TRILOG Super Broadband Test Antenna	Schwarzbeck	VULB 9168	5942	24	03-Jan-2027



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
TRILOG Super Broadband Test Antenna	Schwarzbeck	VULB 9168	5944	24	03-Jan-2027
1500W (300V 12A) AC Power Supply	iTech	IT7324	5956	-	TU
1500W (300V 12A) AC Power Supply	iTech	IT7324	5957	-	TU
5m Semi-Anechoic Chamber (Dual-Axis), Chamber 15	Albatross Projects	RF Chamber 15	5963	36	23-Apr-2028
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5964	-	TU
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5966	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5967	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5968	-	TU
3m Semi-Anechoic Chamber, Chamber16	Albatross Projects	RF Chamber 16	5972	36	07-May-2028
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5973	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5974	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5975	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	5996	12	23-May-2026
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6141	12	14-Sep-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6144	12	11-Dec-2025
Digital Multimeter	Fluke	115	6145	12	06-Jun-2026
Digital Multimeter	Fluke	115	6146	12	05-Jun-2026
Double Ridge Active Horn Antenna (18-40 GHz)	Com-Power	AHA-840	6189	24	26-Sep-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	20-Dec-2025
8GHz Highpass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6194	12	23-Apr-2026
Pre Amp 8 - 18 GHz	Wright Technologies	APS06 0061	6200	12	24-Apr-2026
Attenuator (4 dB)	Pasternack	PE7074-4	6202	24	03-Jan-2027
Attenuator 4dB	Pasternack	PE7074-4	6203	24	03-Jan-2027
Attenuator 4dB	Pasternack	PE7074-4	6204	24	13-Mar-2027
Cable (SMA to SMA 20cm)	TUV SUD	MH-FH 8-18	6215	12	23-Apr-2026
USB Spectrum Analyser	Signal Hound	SA124B	6297	-	TU
USB Spectrum Analyser	Signal Hound	SA124B	6383	-	TU
Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9168	6456	24	13-Mar-2027



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
DRG Horn Antenna (8-18 GHz)	Schwarzbeck	HWRD750	6458	12	18-May-2026
Humidity and Temperature Meter	R.S Components	1364	6486	12	01-Jul-2026
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6740	12	27-Apr-2026
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6741	12	27-Apr-2026
6.5m Cable	Junkosha	MWX221-06500AMSAMS/B	6744	12	27-Apr-2026
8m Cable	Junkosha	MWX221-08000AMSAMS/B	6748	12	27-Apr-2026
EMI Test Receiver	Rohde & Schwarz	ESW44	6805	12	24-Jul-2026
1M SMA Cable	Junkosha	MWX221-01000AMSAMS/B	6831	12	18-Aug-2026
8M SMA Cable	Junkosha	MWX221-08000AMSAMS/B	6833	12	18-Aug-2026
8M SMA Cable	Junkosha	MWX221-08000AMSAMS/B	6834	12	18-Aug-2026
Handheld Hygrometer	Fluke	971	6837	12	16-Sep-2026
Cable Assembly	Pasternack	PE300-60	6856	-	TU
Cable Assembly	Pasternack	PE300-60	6858	-	TU
Cable Assembly	Pasternack	PE300-60	6862	-	TU
Cable Assembly	Pasternack	PE300-60	6864	-	TU
Cable Assembly	Pasternack	PE300-60	6868	-	TU
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6976	12	05-Apr-2026
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6978	12	05-Apr-2026

Table 728

TU - Traceability Unscheduled
O/P Mon - Output Monitored using calibrated equipment



2.7 Unwanted Emissions within the 5925-7125 MHz band

2.7.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (b) (7)
ISED RSS-248, Clause 4.6.2 (b)
ISED RSS-GEN, Clause 6.13

2.7.2 Equipment Under Test and Modification State

A3449, S/N: DGVHQ7WVQ5 - Modification State 0
A3449, S/N: C2H6P52Q4K - Modification State 0

2.7.3 Date of Test

11-October-2025 to 20-February-2026

2.7.4 Test Method

This test was performed in accordance with KDB 987594 D02, clause J.

2.7.5 Environmental Conditions

Ambient Temperature	21.3 - 49.8 °C
Relative Humidity	25.2 - 56.7 %



2.7.6 Supplementary Information

Corresponding maximum Conducted Output and Power Spectral Density tests, were performed for all of the channels and modes documented within this test section.

However, in order to support report reduction, details of Power and PSD on punctured 160MHz (996 + 484 + 242) / (996 + 484) & 80 MHz (484 + 242) modes have been limited to the worst-case results for each of these punctured VLP & LPI modes, with comparison to the applicable limit.

Maximum Conducted Output Power

Mode	Maximum EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
802.11be EHT160 RU Size 996 + RU Size 484 + RU Size 242 LPI Primary	18.00	24.00	-6.00
802.11be EHT160 RU Size 996 + RU Size 484 + RU Size 242 VLP Primary	13.49	14.00	-0.51

Maximum Conducted Power Spectral Density

Mode	Maximum (dBm / MHz)	EIRP Limit (dBm)	EIRP Margin (dB)
802.11be EHT160 RU Size 996 + RU Size 484 + RU Size 242 LPI Primary	-1.44	-1.00	-0.44
802.11be EHT160 RU Size 996 + RU Size 484 VLP Primary	-5.51	-5.00	-0.51



2.7.7 Test Results

6 GHz WLAN

	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11a20 LPI	-13.83	6522.800
802.11a40 LPI	-3.73	6214.286
802.11a80 LPI	-3.47	6255.000
802.11a160 LPI	-3.92	6643.000
802.11ax HE20 SU LPI	-15.82	6375.000
802.11ax HE40 SU LPI	-10.13	6252.296
802.11ax HE80 SU LPI	-8.84	6336.500
802.11ax HE160 SU LPI	-6.63	6191.000

Table 729 - Unwanted Emissions Within the RLAN Band Summary Results Core 0 SU

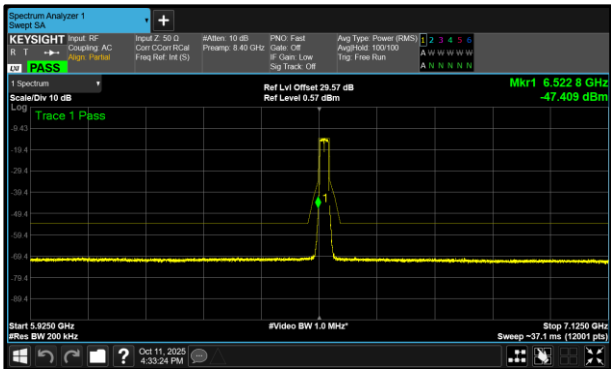


Figure 586 - A (Core 0) 802.11a LPI 6535 MHz (CH117)

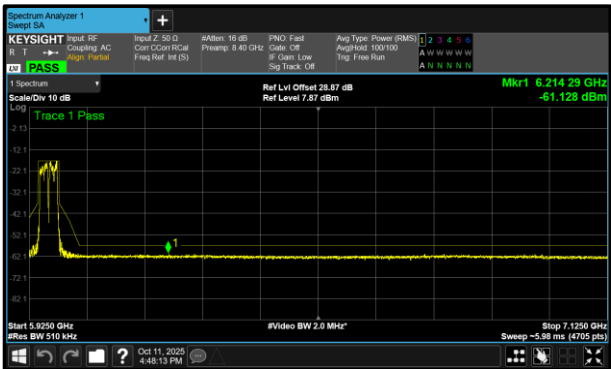


Figure 587 - A (Core 0) 802.11a LPI 5965 MHz (CH3)

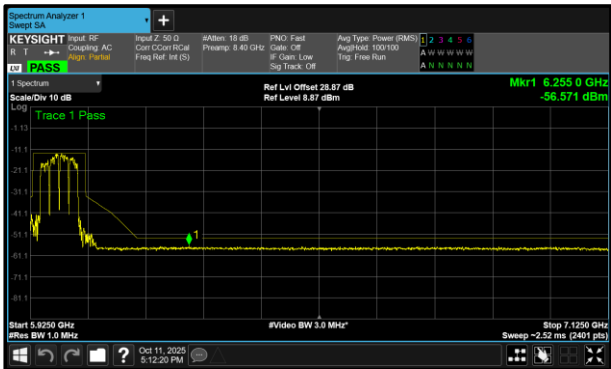


Figure 588 - A (Core 0) 802.11a LPI 5985 MHz (CH7)

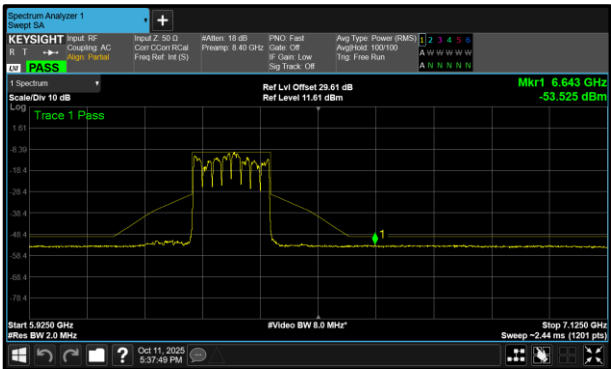


Figure 589 - A (Core 0) 802.11a LPI 6345 MHz (CH79)

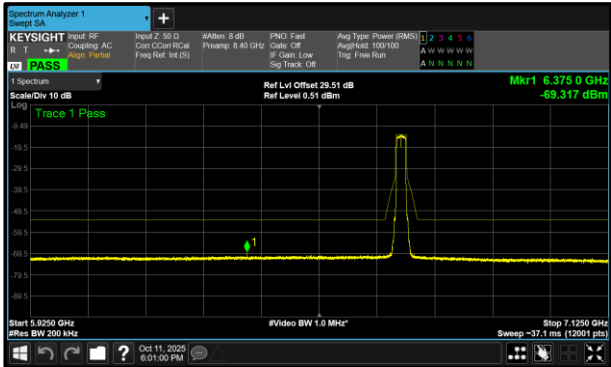


Figure 590 - A (Core 0) 802.11ax HE20 SU LPI
6695 MHz (CH149)

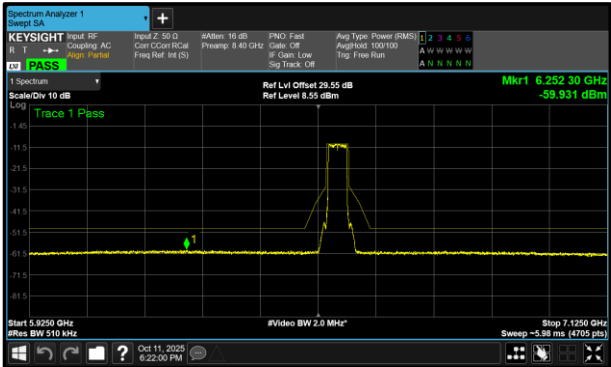


Figure 591 - A (Core 0) 802.11ax HE40 SU LPI
6565 MHz (CH123)

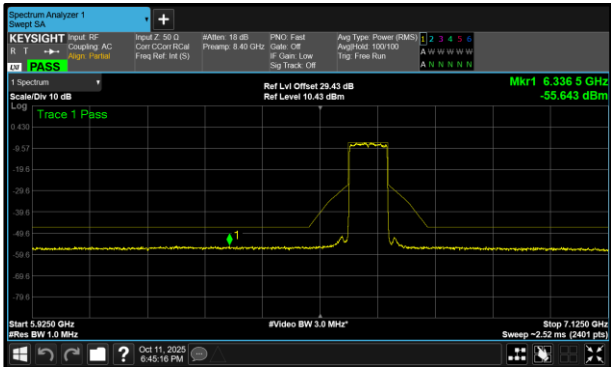


Figure 592 - A (Core 0) 802.11ax HE80 SU LPI
6625 MHz (CH135)

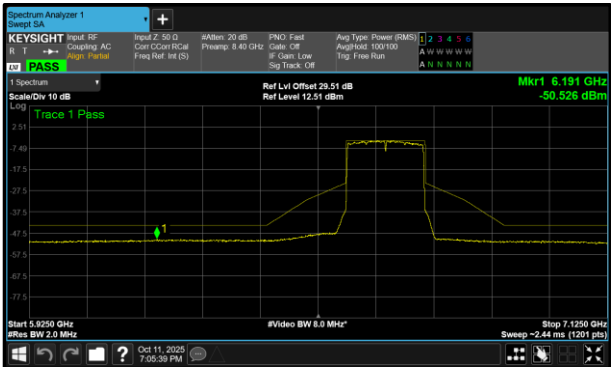


Figure 593 - A (Core 0) 802.11ax HE160 SU LPI
6665 MHz (CH143)



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11a20 LPI	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	-14.24	-	-	-
6175	-15.87	-	-	-
6415	-14.17	-	-	-
6435	-14.18	-	-	-
6475	-14.50	-	-	-
6515	-14.88	-	-	-
6535	-13.83	-	-	-
6695	-15.28	-	-	-
6855	-14.25	-	-	-
6875	-14.23	-	-	-
6895	-13.96	-	-	-
6995	-14.48	-	-	-
7095	-15.14	-	-	-
7115	-15.58	-	-	-

Table 730 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11a40 LPI	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	-3.73	-	-	-
6165	-5.02	-	-	-
6405	-5.26	-	-	-
6445	-6.00	-	-	-
6485	-3.92	-	-	-
6525	-4.22	-	-	-
6565	-4.47	-	-	-
6685	-4.99	-	-	-
6845	-7.03	-	-	-
6885	-7.01	-	-	-
6925	-6.39	-	-	-
7005	-6.35	-	-	-
7085	-6.23	-	-	-

Table 731 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11a80 LPI	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	-3.47	-	-	-
6145	-5.70	-	-	-
6385	-4.81	-	-	-
6465	-5.32	-	-	-
6545	-6.78	-	-	-
6625	-3.78	-	-	-
6705	-4.31	-	-	-
6785	-5.95	-	-	-
6865	-6.06	-	-	-
6945	-5.07	-	-	-
7025	-6.46	-	-	-

Table 732 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11a160 LPI	Duty Cycle (%):	-
Data Rate:	12 Mbps	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	-4.43	-	-	-
6185	-5.19	-	-	-
6345	-3.92	-	-	-
6505	-5.65	-	-	-
6665	-4.69	-	-	-
6825	-4.75	-	-	-
6985	-5.38	-	-	-

Table 733 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 SU LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955	-17.08	-	-	-
6175	-17.64	-	-	-
6415	-17.47	-	-	-
6435	-17.25	-	-	-
6475	-17.17	-	-	-
6515	-16.45	-	-	-
6535	-16.66	-	-	-
6695	-15.82	-	-	-
6855	-16.93	-	-	-
6875	-16.90	-	-	-
6895	-16.57	-	-	-
6995	-17.44	-	-	-
7095	-16.86	-	-	-

Table 734 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE40 SU LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5965	-10.72	-	-	-
6165	-11.18	-	-	-
6405	-11.23	-	-	-
6445	-10.84	-	-	-
6485	-11.03	-	-	-
6525	-10.25	-	-	-
6565	-10.13	-	-	-
6685	-10.30	-	-	-
6845	-12.47	-	-	-
6885	-12.59	-	-	-
6925	-11.03	-	-	-
7005	-11.50	-	-	-
7085	-12.24	-	-	-

Table 735 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE80 SU LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985	-9.66	-	-	-
6145	-10.24	-	-	-
6385	-9.61	-	-	-
6465	-9.35	-	-	-
6545	-8.91	-	-	-
6625	-8.84	-	-	-
6705	-10.10	-	-	-
6785	-10.33	-	-	-
6865	-9.74	-	-	-
6945	-9.24	-	-	-
7025	-10.15	-	-	-

Table 736 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE160 SU LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025	-7.90	-	-	-
6185	-8.65	-	-	-
6345	-7.68	-	-	-
6505	-8.13	-	-	-
6665	-6.63	-	-	-
6825	-7.66	-	-	-
6985	-7.29	-	-	-

Table 737 - Unwanted Emissions Within the Band Results



Protocol	Unwanted Emissions Within the RLAN Band	
	Margin (dB)	Frequency (MHz)
802.11ax HE20 RU106 LPI	-12.38	7106.200
802.11ax HE20 RU26 LPI	-12.51	6983.700
802.11ax HE20 RU52 LPI	-12.00	6523.800
802.11be EHT20 RU Size 106 + RU Size 26 LPI	-13.12	6866.400
802.11be EHT20 RU Size 52 + RU Size 26 LPI	-15.02	6684.400
802.11be EHT80 RU Size 484 + RU Size 242 LPI	-7.83	6746.000
802.11be EHT160 RU Size 996 + RU Size 484 + RU Size 242 LPI (Secondary)	-7.50	6586.000
802.11be EHT160 RU Size 996 + RU Size 484 + RU Size 242 LPI (Primary)	-8.02	6344.000
802.11be EHT160 RU Size 996 + RU Size 484 LPI (Secondary)	-7.55	6585.000
802.11be EHT160 RU Size 996 + RU Size 484 LPI (Primary)	-8.10	6577.000

Table 738 - Unwanted Emissions Within the RLAN Band Summary Results Core 0 RU

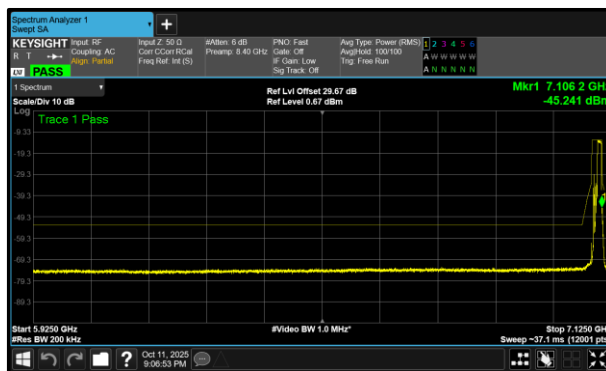


Figure 594 - A (Core 0) 802.11ax HE20 RU106 LPI 7095 MHz (CH229)

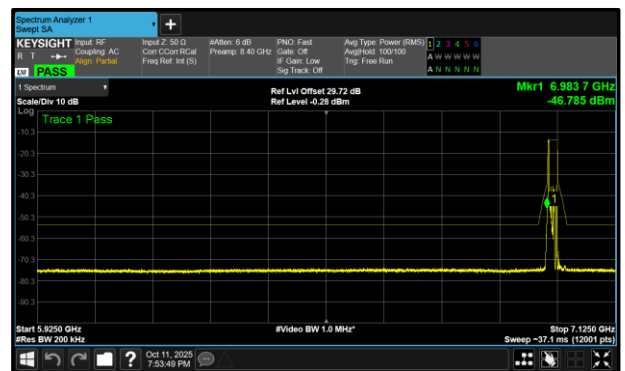


Figure 595 - A (Core 0) 802.11ax HE20 RU26 LPI 6995 MHz (CH209)

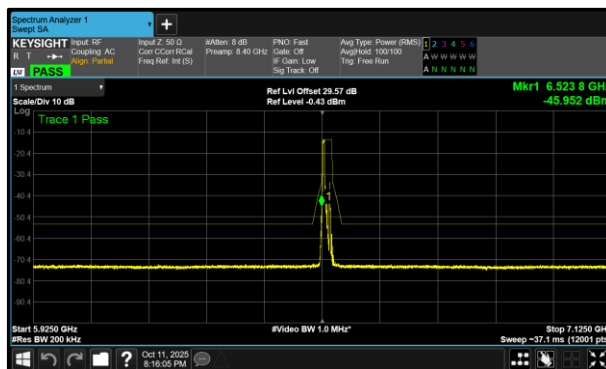


Figure 596 - A (Core 0) 802.11ax HE20 RU52 LPI 6535 MHz (CH117)

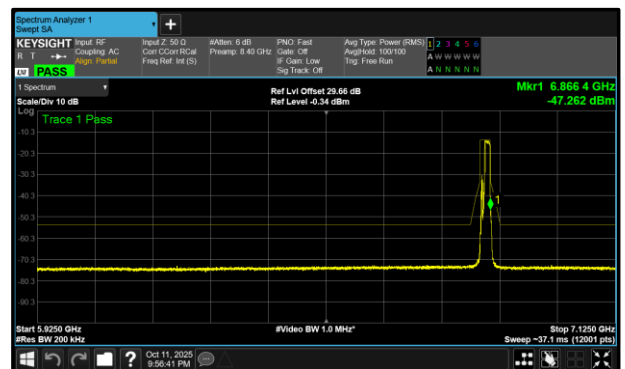


Figure 597 - A (Core 0) 802.11be EHT20 RU Size 106 + RU Size 26 LPI 6855 MHz (CH181)

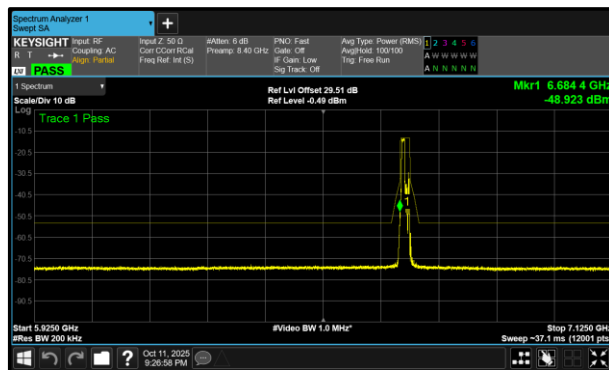


Figure 598 - A (Core 0) 802.11be EHT20 RU Size 52 + RU Size 26 LPI 6695 MHz (CH149)

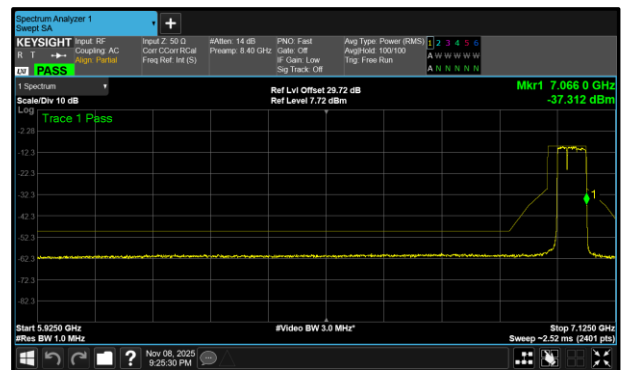


Figure 599 - A (Core 0) 802.11be EHT80 RU Size 484 + RU Size 242 LPI 7025 MHz (CH215)

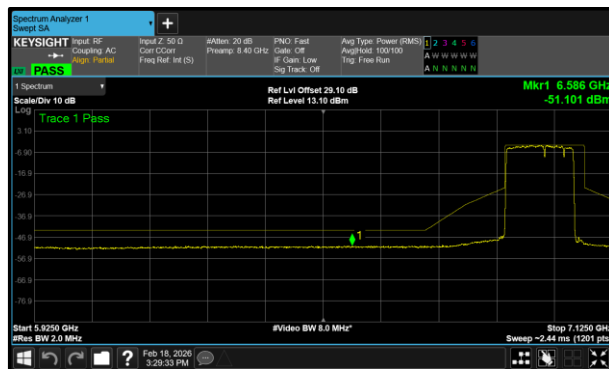


Figure 600 - A(Core 0) 802.11be EHT160 RU Size 996 + RU Size 484 + RU Size 242 LPI (Secondary) 6985 MHz (CH207)



Figure 601 - A(Core 0) 802.11be EHT160 RU Size 996 + RU Size 484 + RU Size 242 LPI (Primary) 6825 MHz (CH175)

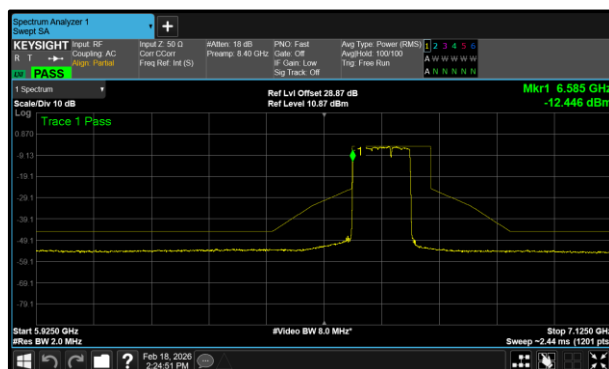


Figure 602 - A(Core 0) 802.11be EHT160 RU Size 996 + RU Size 484 LPI (Secondary) 6665 MHz (CH143)

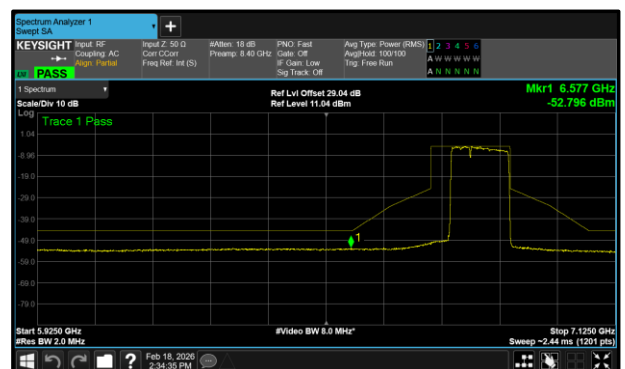


Figure 603 - A(Core 0) 802.11be EHT160 RU Size 996 + RU Size 484 LPI (Primary) 6825 MHz (CH175)



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU26 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU26.0)	-14.04	-	-	-
6175 (RU26.0)	-13.12	-	-	-
6415 (RU26.8)	-13.14	-	-	-
6435 (RU26.0)	-13.30	-	-	-
6475 (RU26.0)	-13.39	-	-	-
6515 (RU26.8)	-12.56	-	-	-
6535 (RU26.0)	-13.86	-	-	-
6695 (RU26.0)	-13.17	-	-	-
6855 (RU26.8)	-13.91	-	-	-
6875 (RU26.3)	-21.49	-	-	-
6875 (RU26.5)	-21.75	-	-	-
6895 (RU26.0)	-13.01	-	-	-
6995 (RU26.0)	-12.51	-	-	-
7095 (RU26.8)	-13.27	-	-	-

Table 739 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU52 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU52.37)	-13.53	-	-	-
6175 (RU52.37)	-12.84	-	-	-
6415 (RU52.40)	-13.23	-	-	-
6435 (RU52.37)	-12.52	-	-	-
6475 (RU52.37)	-13.21	-	-	-
6515 (RU52.40)	-12.19	-	-	-
6535 (RU52.37)	-12.00	-	-	-
6695 (RU52.37)	-12.57	-	-	-
6855 (RU52.40)	-12.03	-	-	-
6875 (RU52.38)	-20.79	-	-	-
6875 (RU52.39)	-19.80	-	-	-
6895 (RU52.37)	-13.04	-	-	-
6995 (RU52.37)	-12.33	-	-	-
7095 (RU52.40)	-13.19	-	-	-

Table 740 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11ax HE20 RU106 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU106.53)	-13.83	-	-	-
6175 (RU106.53)	-15.67	-	-	-
6415 (RU106.54)	-13.17	-	-	-
6435 (RU106.53)	-13.53	-	-	-
6475 (RU106.53)	-13.93	-	-	-
6515 (RU106.54)	-14.35	-	-	-
6535 (RU106.53)	-13.73	-	-	-
6695 (RU106.53)	-14.18	-	-	-
6855 (RU106.54)	-13.60	-	-	-
6875 (RU106.53)	-13.65	-	-	-
6875 (RU106.54)	-14.21	-	-	-
6895 (RU106.53)	-14.55	-	-	-
6995 (RU106.53)	-14.39	-	-	-
7095 (RU106.54)	-12.38	-	-	-

Table 741 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11be EHT20 RU Size 52 + RU Size 26 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU Size 52 + RU Size 26.70)	-15.64	-	-	-
6175 (RU Size 52 + RU Size 26.70)	-17.56	-	-	-
6415 (RU Size 52 + RU Size 26.72)	-16.78	-	-	-
6435 (RU Size 52 + RU Size 26.70)	-16.46	-	-	-
6475 (RU Size 52 + RU Size 26.70)	-17.20	-	-	-
6515 (RU Size 52 + RU Size 26.72)	-16.50	-	-	-
6535 (RU Size 52 + RU Size 26.70)	-16.26	-	-	-
6695 (RU Size 52 + RU Size 26.70)	-15.02	-	-	-
6855 (RU Size 52 + RU Size 26.72)	-17.35	-	-	-
6875 (RU Size 52 + RU Size 26.70)	-16.24	-	-	-
6875 (RU Size 52 + RU Size 26.72)	-15.68	-	-	-
6895 (RU Size 52 + RU Size 26.70)	-16.81	-	-	-
6995 (RU Size 52 + RU Size 26.70)	-17.04	-	-	-
7095 (RU Size 52 + RU Size 26.72)	-16.96	-	-	-

Table 742 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11be EHT20 RU Size 106 + RU Size 26 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5955 (RU Size 106 + RU Size 26.82)	-14.60	-	-	-
6175 (RU Size 106 + RU Size 26.82)	-14.29	-	-	-
6415 (RU Size 106 + RU Size 26.83)	-13.91	-	-	-
6435 (RU Size 106 + RU Size 26.82)	-16.00	-	-	-
6475 (RU Size 106 + RU Size 26.82)	-14.35	-	-	-
6515 (RU Size 106 + RU Size 26.83)	-13.51	-	-	-
6535 (RU Size 106 + RU Size 26.82)	-15.79	-	-	-
6695 (RU Size 106 + RU Size 26.82)	-15.29	-	-	-
6855 (RU Size 106 + RU Size 26.83)	-13.12	-	-	-
6875 (RU Size 106 + RU Size 26.82)	-15.38	-	-	-
6875 (RU Size 106 + RU Size 26.83)	-13.52	-	-	-
6895 (RU Size 106 + RU Size 26.82)	-16.78	-	-	-
6995 (RU Size 106 + RU Size 26.82)	-14.97	-	-	-
7095 (RU Size 106 + RU Size 26.83)	-14.07	-	-	-

Table 743 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11be EHT80 RU Size 484 + RU Size 242 LPI	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
5985 (RU Size 484 + RU Size 242.93)	-10.14	-	-	-
6145 (RU Size 484 + RU Size 242.92)	-7.96	-	-	-
6385 (RU Size 484 + RU Size 242.90)	-8.23	-	-	-
6465 (RU Size 484 + RU Size 242.93)	-10.06	-	-	-
6545 (RU Size 484 + RU Size 242.90)	-8.77	-	-	-
6625 (RU Size 484 + RU Size 242.93)	-9.29	-	-	-
6705 (RU Size 484 + RU Size 242.91)	-8.97	-	-	-
6785 (RU Size 484 + RU Size 242.90)	-9.55	-	-	-
6865 (RU Size 484 + RU Size 242.90)	-9.24	-	-	-
6865 (RU Size 484 + RU Size 242.93)	-11.69	-	-	-
6945 (RU Size 484 + RU Size 242.93)	-10.20	-	-	-
7025 (RU Size 484 + RU Size 242.90)	-7.91	-	-	-

Table 744 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11be EHT160 RU Size 996 + RU Size 484 LPI (Primary)	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6185 (RU Size 996 + RU Size 484.95)	-8.72	-	-	-
6345 (RU Size 996 + RU Size 484.94)	-8.86	-	-	-
6505 (RU Size 996 + RU Size 484.94)	-10.87	-	-	-
6665 (RU Size 996 + RU Size 484.94)	-7.90	-	-	-
6825 (RU Size 996 + RU Size 484.94)	-8.10	-	-	-
6985 (RU Size 996 + RU Size 484.94)	-8.74	-	-	-

Table 745 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11be EHT160 RU Size 996 + RU Size 484 LPI (Secondary)	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025 (RU Size 996 + RU Size 484.95)	-7.83	-	-	-
6185 (RU Size 996 + RU Size 484.94)	-8.38	-	-	-
6505 (RU Size 996 + RU Size 484.95)	-8.17	-	-	-
6665 (RU Size 996 + RU Size 484.95)	-7.55	-	-	-
6825 (RU Size 996 + RU Size 484.95)	-7.57	-	-	-
6985 (RU Size 996 + RU Size 484.95)	-7.71	-	-	-

Table 746 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11be EHT160 RU Size 996 + RU Size 484 + RU Size 242 LPI (Secondary)	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6025 (RU Size 996 + RU Size 484 + RU Size 242.99)	-7.72	-	-	-
6505 (RU Size 996 + RU Size 484 + RU Size 242.99)	-7.94	-	-	-
6665 (RU Size 996 + RU Size 484 + RU Size 242.99)	-7.87	-	-	-
6825 (RU Size 996 + RU Size 484 + RU Size 242.99)	-7.55	-	-	-
6985 (RU Size 996 + RU Size 484 + RU Size 242.99)	-7.50	-	-	-

Table 747 - Unwanted Emissions Within the Band Results



Test Configuration			
Frequency Range:	5.925-6.425 GHz 6.425-6.525 GHz 6.525-6.875 GHz 6.875-7.125 GHz	Band:	U-NII-5 U-NII-6 U-NII-7 U-NII-8
Limit Clause(s):	15.407(b) RSS-248 4.6	Test Method(s):	KDB 987594 clause j

DUT Configuration			
Mode:	802.11be EHT160 RU Size 996 + RU Size 484 + RU Size 242 LPI (Primary)	Duty Cycle (%):	-
Modulation Coding Scheme:	MCS2x1	DCCF (dB):	-
Antenna Configuration:	SISO	Peak Antenna Gain (dBi):	-
Active Port(s):	A (Core 0)	Active Chain Id(s):	0

Test Frequency (MHz)	Unwanted Emissions Within the RLAN Band Margin (dB)			
	A	B	C	D
6185 (RU Size 996 + RU Size 484 + RU Size 242.97)	-8.47	-	-	-
6185 (RU Size 996 + RU Size 484 + RU Size 242.98)	-8.58	-	-	-
6185 (RU Size 996 + RU Size 484 + RU Size 242.99)	-8.47	-	-	-
6345 (RU Size 996 + RU Size 484 + RU Size 242.96)	-8.58	-	-	-
6505 (RU Size 996 + RU Size 484 + RU Size 242.96)	-10.35	-	-	-
6665 (RU Size 996 + RU Size 484 + RU Size 242.96)	-8.10	-	-	-
6825 (RU Size 996 + RU Size 484 + RU Size 242.96)	-8.02	-	-	-
6985 (RU Size 996 + RU Size 484 + RU Size 242.96)	-8.69	-	-	-

Table 748 - Unwanted Emissions Within the Band Results