

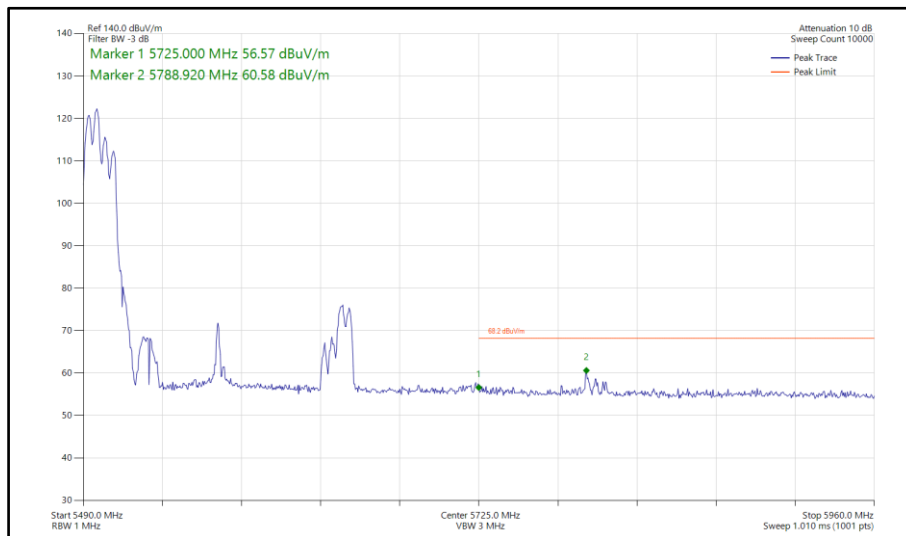


**Figure 891 - 802.11ax HE160, RU 106-53P, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz**

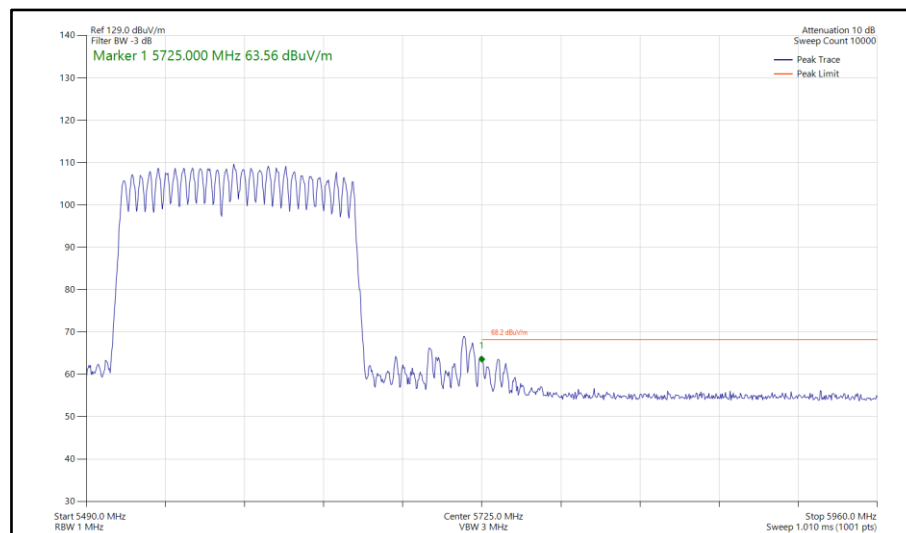


**Figure 892 - 802.11be EHT160, RU 996+484+242-96P, SDM, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz**



160 MHz Bandwidth - Core 0-1 (TxBF)

Mode	Data Rate/ MCS	Resource Size	Resource Index	TX Frequency (MHz)	Band Edge Frequency (MHz)	Peak Level (dBμV/m)
802.11ac VHT160	MCS 4x1	-	-	5570	5470	63.23
802.11ax HE160	MCS 4x1	SU	-	5570	5470	62.96
802.11ac VHT160	MCS 9x1	-	-	5570	5725	63.46
802.11ax HE160	MCS 11x1	SU	-	5570	5725	62.13

Table 1545 - TxBF Authorised Band Edge Results

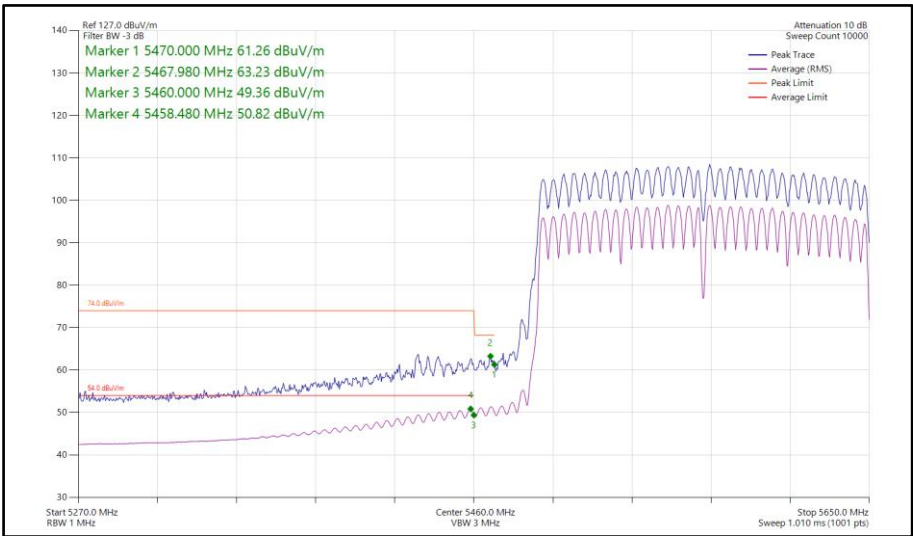


Figure 893 - 802.11ac VHT160, TxBF, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz

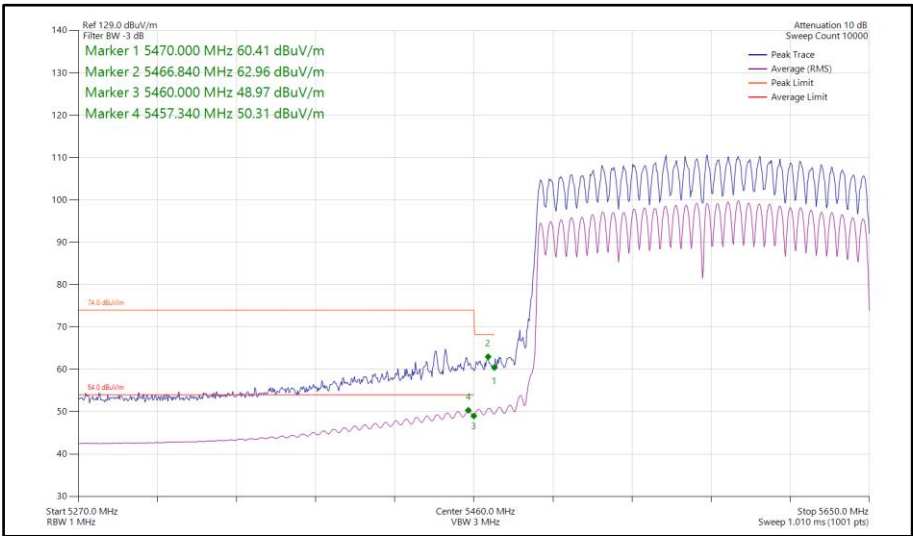


Figure 894 - 802.11ax HE160, SU, TxBF, Core 0-1 - 5570 MHz
Band Edge Frequency 5470 MHz

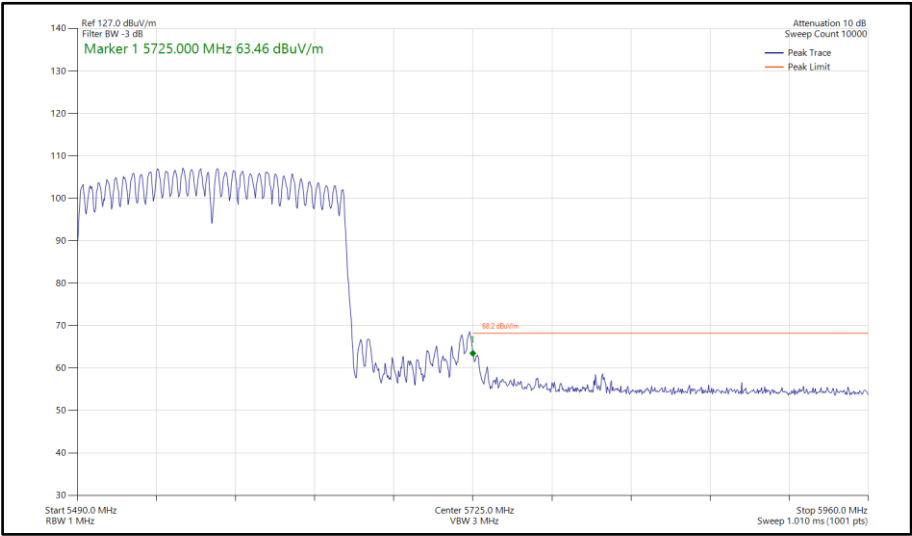


Figure 895 - 802.11ac VHT160, TxBF, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz

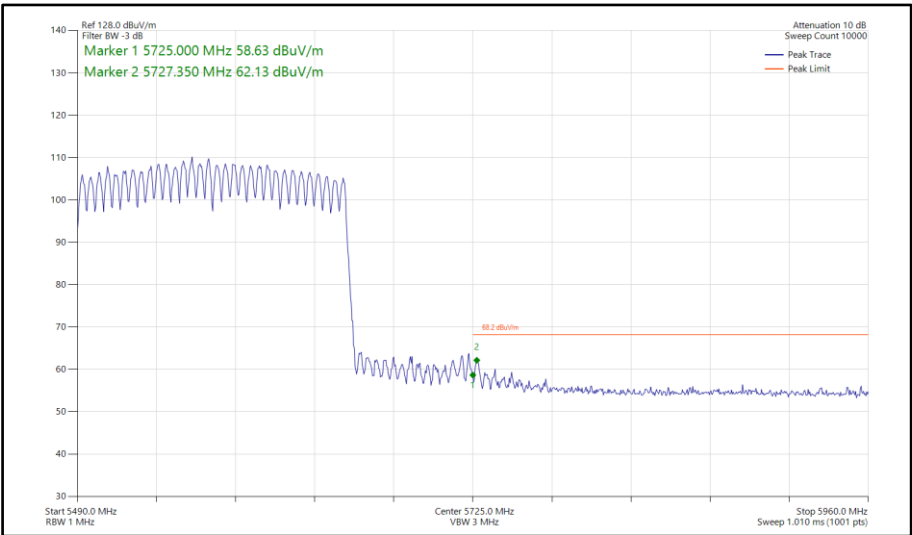


Figure 896 - 802.11ax HE160, SU, TxBF, Core 0-1 - 5570 MHz
Band Edge Frequency 5725 MHz



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

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.

ISED RSS-247, Limit Clause 7.3.1.3, 7.3.2.3, 7.3.3.3, 7.3.4.4 and 7.3.5.4

For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the 5150-5350 MHz band shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density. Any unwanted emissions that falls between the upper edge of the 26 dB bandwidth and 5350 MHz shall be attenuated below the channel power by at least 26 dB.

For transmitters with operating frequencies in the bands 5250-5350 MHz and 5470-5725 MHz, all emissions outside the band 5250-5350 MHz and 5470-5725 MHz shall not exceed -27 dBm/MHz peak e.i.r.p spectral density. All emissions inside the band 5150-5250 MHz shall either not exceed -27 dBm/MHz peak e.i.r.p spectral density, or comply with the power spectral density for operation in section 7.3.1.2.

Equipment operating in the bands 5470-5725 MHz with bandwidth overlapping the band edge of 5725 MHz, all unwanted emissions shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density at 5850 MHz instead of 5725 MHz.

Equipment operating in the band 5725-5850 MHz shall comply with the following peak e.i.r.p. spectral density limits:

- 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;
- 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;
- 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and
- -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

For the 5895 MHz band edge and above, all devices shall be measured using average detection and shall comply with the following e.i.r.p. spectral density limits:

Fixed outdoor APs and fixed outdoor client devices shall not exceed -27 dBm/MHz at or above the 5895 MHz band edge.

Indoor APs or indoor subordinate devices shall not exceed 15 dBm/MHz at the 5895 MHz band edge and shall decrease linearly to not exceed -7 dBm/MHz at or above 5925 MHz.

Client devices shall not exceed -5 dBm/MHz at the 5895 MHz band edge and shall decrease linearly to not exceed -27 dBm/MHz at or above 5925 MHz.

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2.5.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14, 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 V.	5125	-	N/A - Software
EMI Test Receiver	Rohde & Schwarz	ESW44	5912	12	04-Sep-2026
Test Receiver	Rohde & Schwarz	ESW44	5914	12	17-Jun-2026
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	O/P Mon
1500W (300V 12A) AC Power Supply	iTech	IT7324	5956	-	O/P Mon
1500W (300V 12A) AC Power Supply	iTech	IT7324	5957	-	O/P Mon
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 14	5958	36	23-Apr-2028
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5959	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5962	-	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
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6008	12	23-May-2026
Cable (SMA to SMA 1m)	Junkosha	MWX221-01000AMSAMS/A	6018	12	12-Jun-2026
Horn Antenna (1-10.5 GHz)	Schwarzbeck	BBHA9120B	6140	12	14-Sep-2026



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6141	12	14-Sep-2026
Horn Antenna (1-10 GHz)	Schwarzbeck	BBHA9120B	6142	12	14-Sep-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6144	12	05-Dec-2026
Digital Multimeter	Fluke	115	6145	12	06-Jun-2026
Digital Multimeter	Fluke	115	6146	12	05-Jun-2026
Digital Multimeter	Fluke	115	6147	12	05-Jun-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6190	12	11-Dec-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6191	12	18-Dec-2026
EMI Test Receiver	Rohde & Schwarz	ESW44	6294	12	24-Feb-2026
USB Spectrum Analyser	Signal Hound	SA124B	6296	-	TU
USB Spectrum Analyser	Signal Hound	SA124B	6297	-	TU
USB Spectrum Analyser	Signal Hound	SA124B	6298	-	TU
Cable (SMA to SMA 1m)	Junkosha	MWX221/B	6305	12	23-May-2026
Digital Multimeter	Fluke	115	6345	12	24-Jul-2026
Humidity and Temperature Meter	R.S Components	1364	6346	12	13-Mar-2026
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6349	12	16-May-2026
USB Spectrum Analyser	Signal Hound	SA124B	6383	-	TU
Horn Antenna (1–10.5 GHz)	Schwarzbeck	BBHA 9120 B	6457	12	14-Sep-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
8m Cable	Junkosha	MWX221- 08000AMSAMS/B	6748	12	27-Apr-2026
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	6795	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6796	-	TU
EMI Test Receiver	Rohde & Schwarz	ESW44	6805	12	24-Jul-2026
8M SMA Cable	Junkosha	MWX221- 08000AMSAMS/B	6833	12	18-Aug-2026



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Handheld Hygrometer	Fluke	971	6837	12	16-Sep-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6848	12	23-Oct-2026
Cable Assembly	Pasternack	PE300-60	6856	-	TU
Cable Assembly	Pasternack	PE300-60	6857	-	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	6866	-	TU
Cable Assembly	Pasternack	PE300-60	6867	-	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+	6977	12	05-Apr-2026
RF Amplifier BROADBAND AMPL/SMA/RoHS	Mini-Circuits	ZX60-83LN12+	6978	12	05-Apr-2026

Table 1546

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



2.6 Spurious Radiated Emissions

2.6.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.209 and 15.407 (b)
ISED RSS-247, Clause 7.3
ISED RSS-GEN, Clause 6.13 and 8.9

2.6.2 Equipment Under Test and Modification State

A3246, S/N: MM20HYW2Y6 - Modification State 0
A3246, S/N: MXDF7Q597J - Modification State 0

2.6.3 Date of Test

16-December-2025 to 22-December-2025

2.6.4 Test Method

Testing was performed in accordance with ANSI C63.10, clause 6.3, 6.5 and 6.6.

Measurements were undertaken from 30 MHz to 40 GHz on Channel 36 (5180 MHz) and Channel 165 (5825 MHz).

For the purpose of this testing, spurious emissions were limited to 1 GHz to 40 GHz on all other test channels.

All testing was performed using the lowest data rate/modulation scheme for the applicable mode since this was declared worst case by the customer.

Plots for average measurements were taken in accordance with ANSI C63.10, clause 12.7.7.2 with max-hold trace to characterize the EUT. Where emissions were detected, final average measurements were taken using trace averaging.

The plots shown are the characterization of the EUT. The limits on the plots represent the most stringent case for restricted bands, (54/74 dBuV/m @ 3 m and 64/84 dBuV/m @ 1m) when compared to -27 dBm/MHz EIRP outside restricted bands. The limits shown have been used as a threshold to determine where further measurements are necessary. Where results are within 10dB of the limits shown on the plots, further investigation was carried out and reported in results tables.

The following conversion can be applied to convert from dBuV/m to uV/m:
 $10^{(\text{Field Strength in dBuV/m}/20)}$

EIRP was converted to field strength at 3m using the following formula:
 $\text{Field Strength (dBuV/m at 3 m)} = \text{EIRP (dBm)} + 95.2 \text{ dB}$

2.6.5 Test Setup Diagram

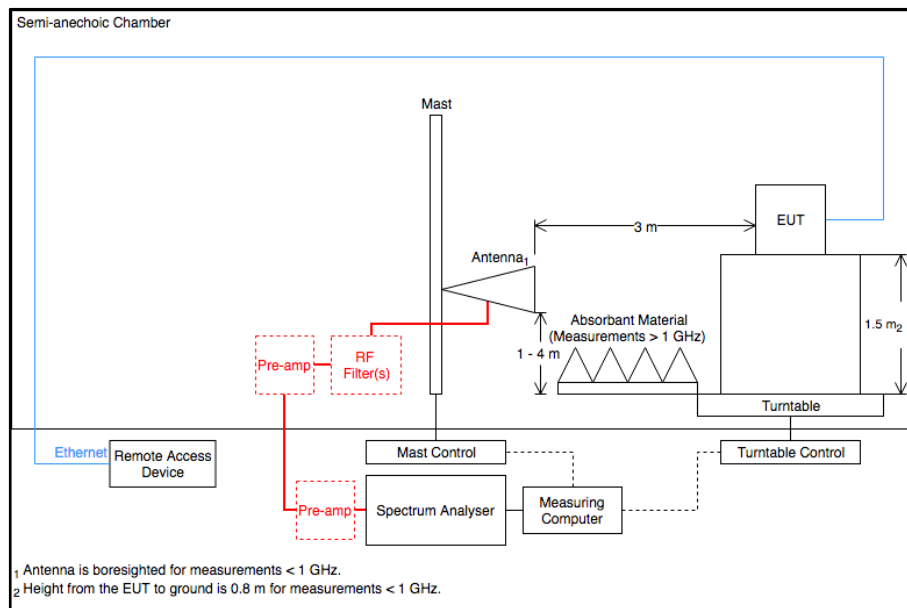


Figure 897 - Radiated Emissions Test Setup Diagram

2.6.6 Environmental Conditions

Ambient Temperature	21.6 - 24.0 °C
Relative Humidity	40.9 - 48.9 %

2.6.7 Test Results

5 GHz WLAN

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
31.157	24.62	40.00	-15.38	Q-Peak	249	106	Vertical
50.490	22.06	40.00	-17.94	Q-Peak	104	116	Vertical
52.018	21.17	40.00	-18.83	Q-Peak	11	340	Horizontal
95.264	21.03	43.50	-22.47	Q-Peak	12	156	Vertical
301.923	21.22	46.00	-24.78	Q-Peak	180	211	Horizontal
1440.169	32.60	54.00	-21.40	RMS	128	277	Vertical
5059.802	43.21	54.00	-10.79	RMS	3	320	Vertical
5109.620	37.30	54.00	-16.70	RMS	128	397	Horizontal
5396.055	43.70	54.00	-10.30	RMS	7	349	Vertical
5401.852	39.50	54.00	-14.50	RMS	246	366	Horizontal
5449.149	55.39	74.00	-18.61	Peak	4	253	Vertical
5475.588	51.49	68.20	-16.71	Peak	291	400	Horizontal
5481.046	55.38	68.20	-12.82	Peak	0	287	Vertical

Table 1547 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

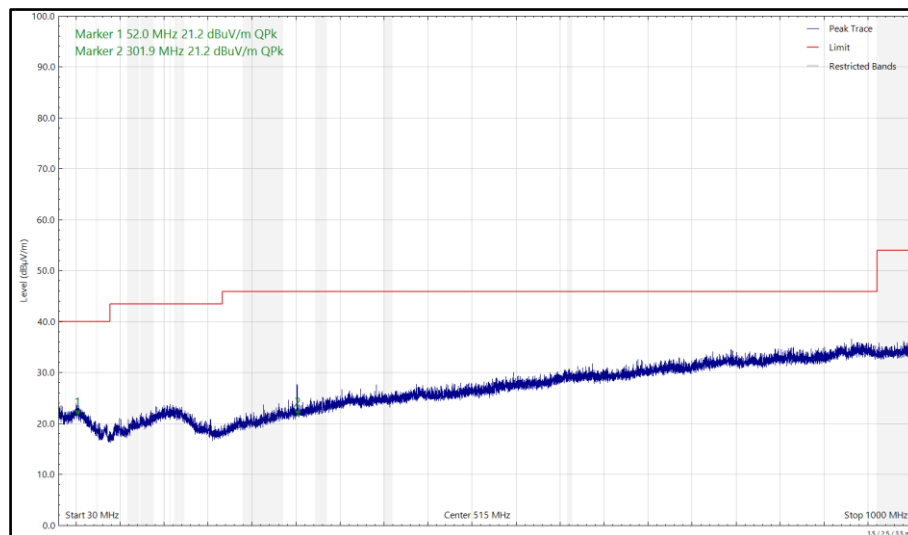


Figure 898 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

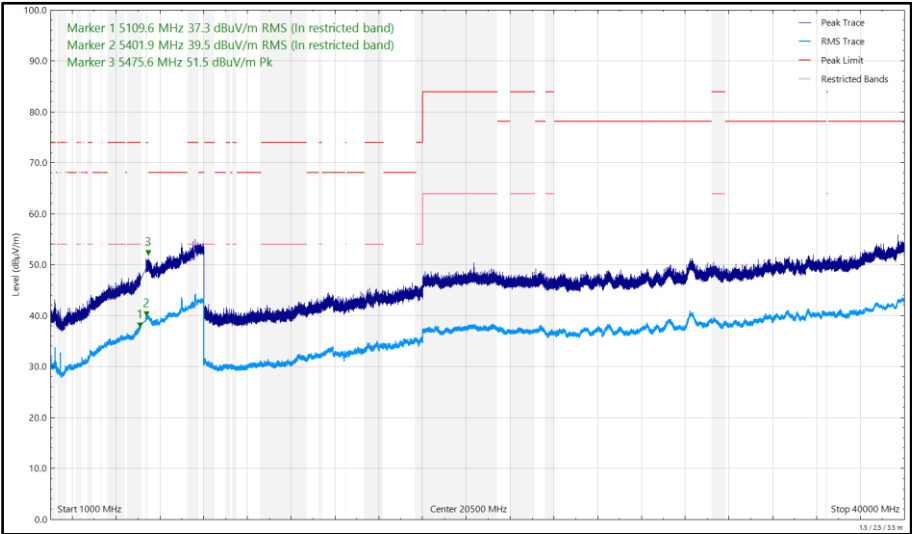


Figure 899 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

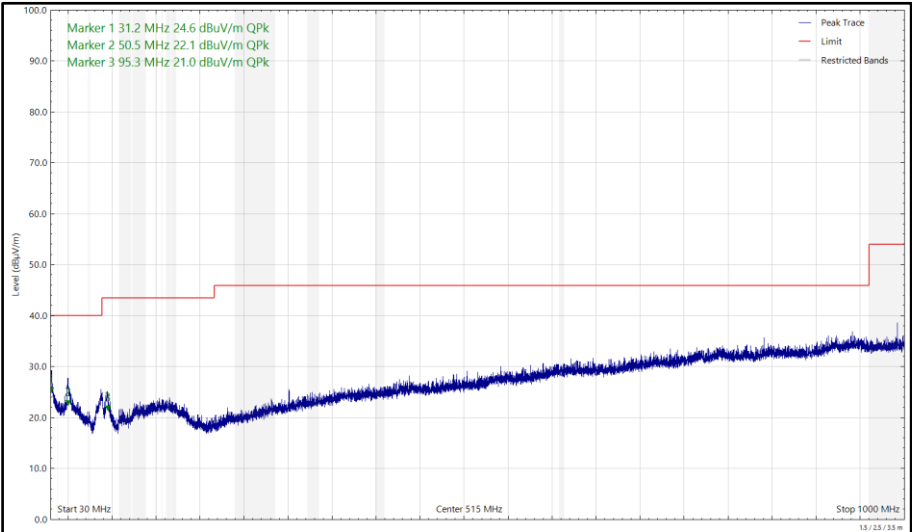


Figure 900 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

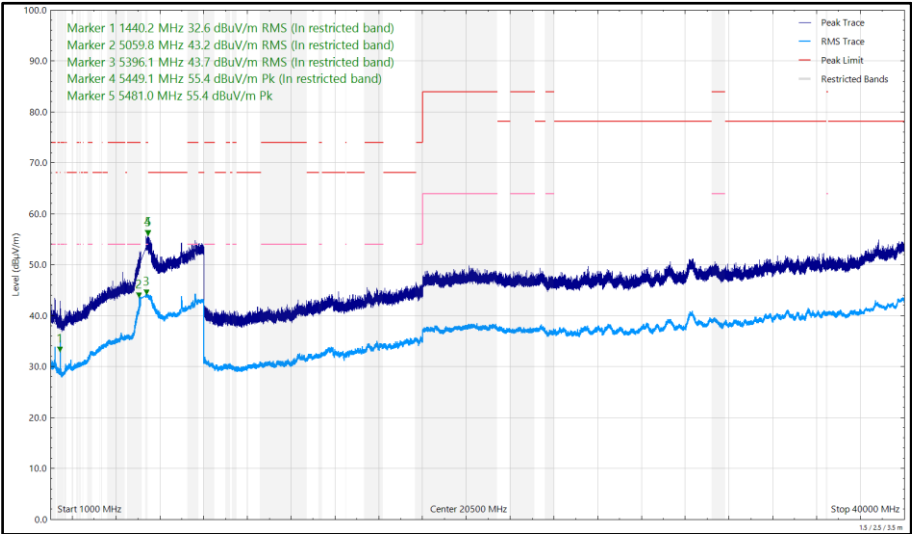


Figure 901 - 5180 MHz (CH36), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
30.401	23.67	40.00	-16.33	Q-Peak	191	106	Vertical
31.873	20.89	40.00	-19.11	Q-Peak	0	390	Horizontal
49.218	25.08	40.00	-14.92	Q-Peak	334	150	Vertical
94.953	19.25	43.50	-24.25	Q-Peak	184	109	Vertical
300.836	24.20	46.00	-21.80	Q-Peak	250	100	Horizontal
303.067	21.21	46.00	-24.79	Q-Peak	220	242	Vertical
1199.727	32.22	54.00	-21.78	RMS	108	167	Vertical
1442.707	27.90	54.00	-26.10	RMS	118	378	Vertical
5456.804	56.37	74.00	-17.63	Peak	2	255	Vertical
5457.597	40.06	54.00	-13.94	RMS	291	378	Horizontal
5459.460	45.09	54.00	-8.91	RMS	1	322	Vertical
5668.227	58.59	68.20	-9.61	Peak	3	257	Vertical
5721.443	51.84	68.20	-16.36	Peak	305	391	Horizontal
5957.164	57.09	68.20	-11.11	Peak	1	265	Vertical
5981.360	51.94	68.20	-16.26	Peak	78	373	Horizontal

Table 1548 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

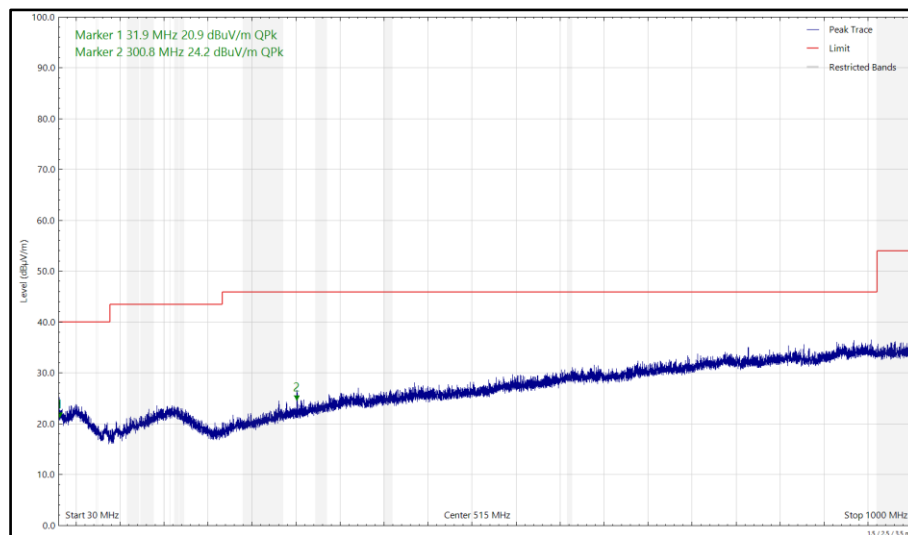


Figure 902 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

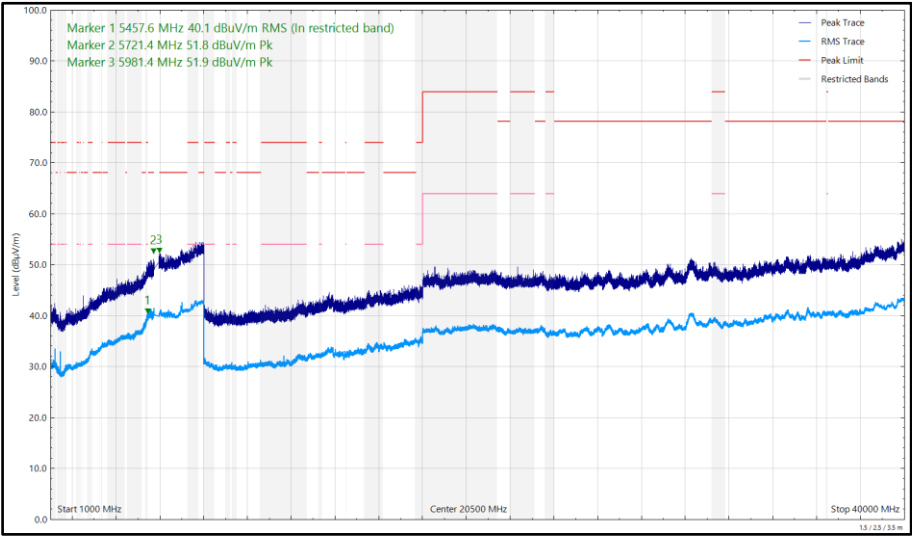


Figure 903 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

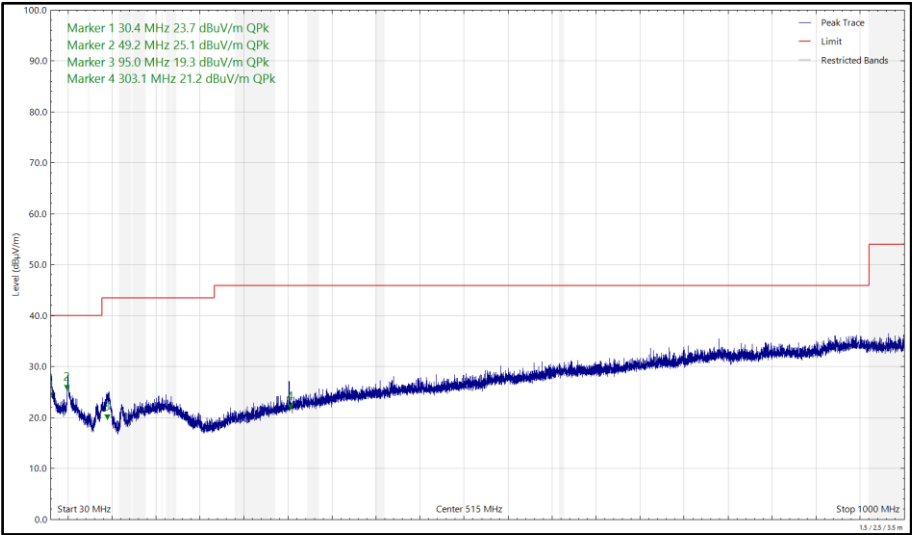


Figure 904 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

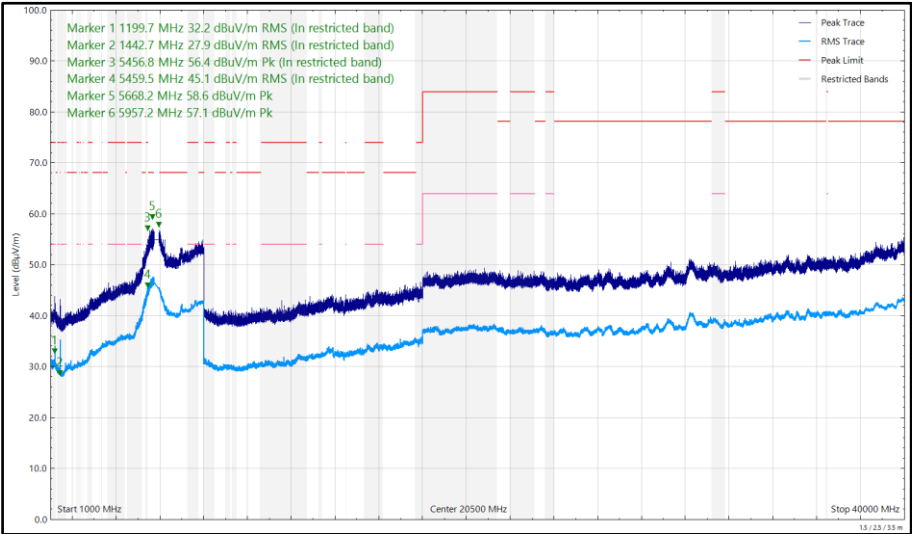


Figure 905 - 5825 MHz (CH165), HT20, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
30.101	24.86	40.00	-15.14	Q-Peak	339	108	Vertical
49.634	25.39	40.00	-14.61	Q-Peak	354	101	Vertical
49.716	21.48	40.00	-18.52	Q-Peak	326	304	Horizontal
97.505	18.32	43.50	-25.18	Q-Peak	298	133	Vertical
297.831	21.00	46.00	-25.00	Q-Peak	143	376	Vertical
301.597	21.17	46.00	-24.83	Q-Peak	169	306	Horizontal
1191.646	30.94	54.00	-23.06	RMS	118	384	Horizontal
1440.271	29.29	54.00	-24.71	RMS	127	364	Vertical
4198.779	34.78	54.00	-19.22	RMS	90	315	Vertical
5105.084	36.97	54.00	-17.03	RMS	297	289	Horizontal
5105.818	43.29	54.00	-10.71	RMS	1	329	Vertical
5383.098	43.90	54.00	-10.10	RMS	5	311	Vertical
5413.072	55.89	74.00	-18.11	Peak	5	222	Vertical
5454.056	40.07	54.00	-13.93	RMS	289	359	Horizontal
5464.887	55.68	68.20	-12.52	Peak	6	343	Vertical
5512.950	51.31	68.20	-16.89	Peak	294	361	Horizontal

Table 1549 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

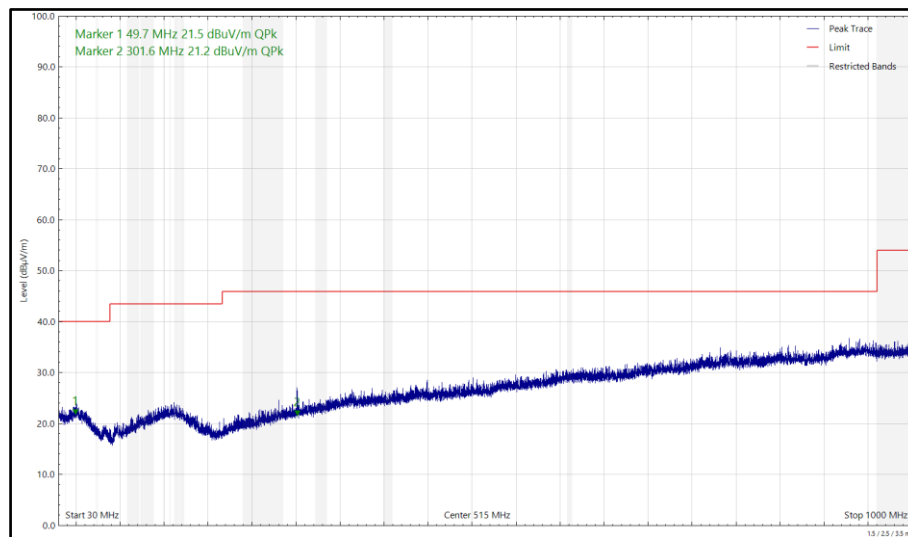


Figure 906 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

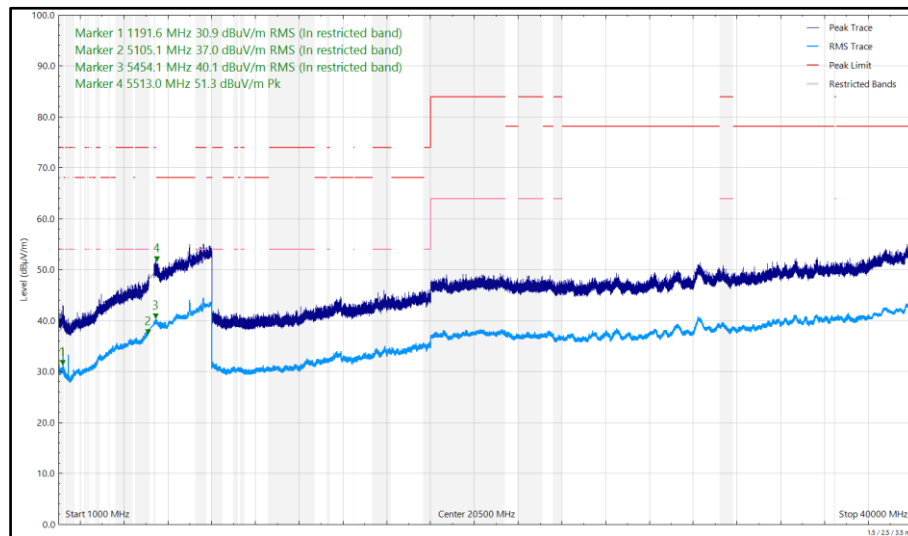


Figure 907 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

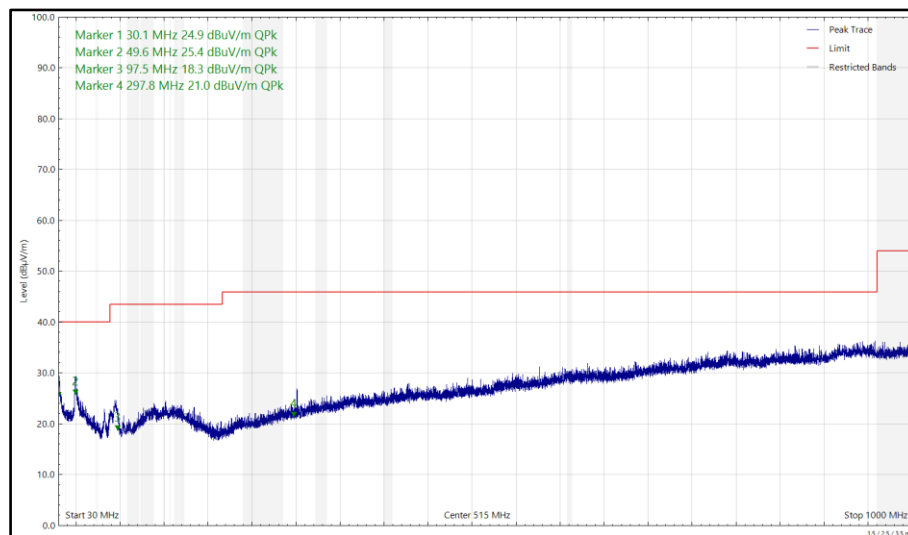


Figure 908 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

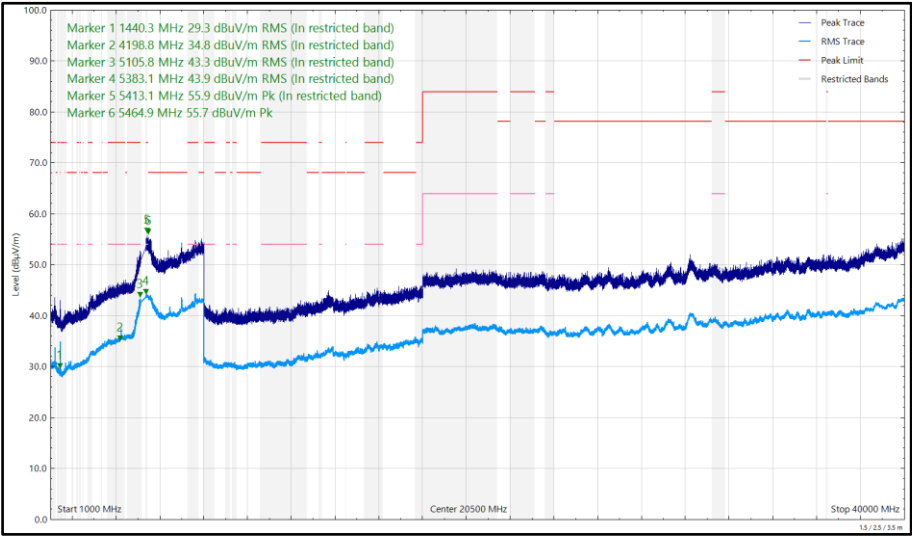


Figure 909 - 5180 MHz (CH36), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
30.689	24.70	40.00	-15.30	Q-Peak	351	107	Vertical
43.044	20.76	40.00	-19.24	Q-Peak	223	169	Horizontal
49.202	26.06	40.00	-13.94	Q-Peak	298	107	Vertical
96.055	21.53	43.50	-21.97	Q-Peak	10	133	Vertical
302.607	21.21	46.00	-24.79	Q-Peak	9	389	Horizontal
1200.283	30.27	54.00	-23.73	RMS	126	368	Horizontal
1440.133	30.49	54.00	-23.51	RMS	116	267	Vertical
4210.942	34.70	54.00	-19.30	RMS	38	108	Vertical
5444.289	56.20	74.00	-17.80	Peak	7	300	Vertical
5449.512	44.43	54.00	-9.57	RMS	1	262	Vertical
5459.054	39.77	54.00	-14.23	RMS	285	369	Horizontal
5607.747	52.59	68.20	-15.61	Peak	290	387	Horizontal
5711.801	59.89	68.20	-8.31	Peak	8	260	Vertical
5971.582	57.47	68.20	-10.73	Peak	0	264	Vertical
6025.477	51.28	68.20	-16.92	Peak	71	276	Horizontal

Table 1550 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

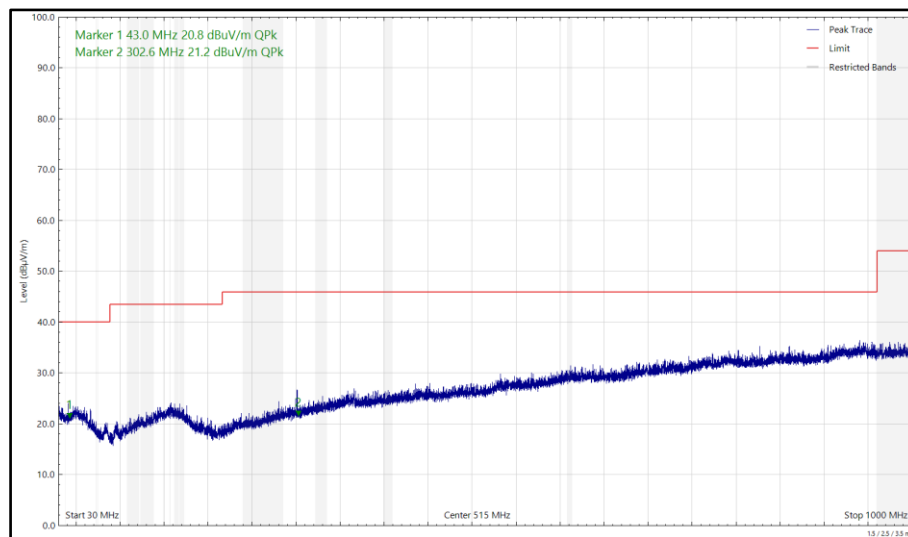


Figure 910 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

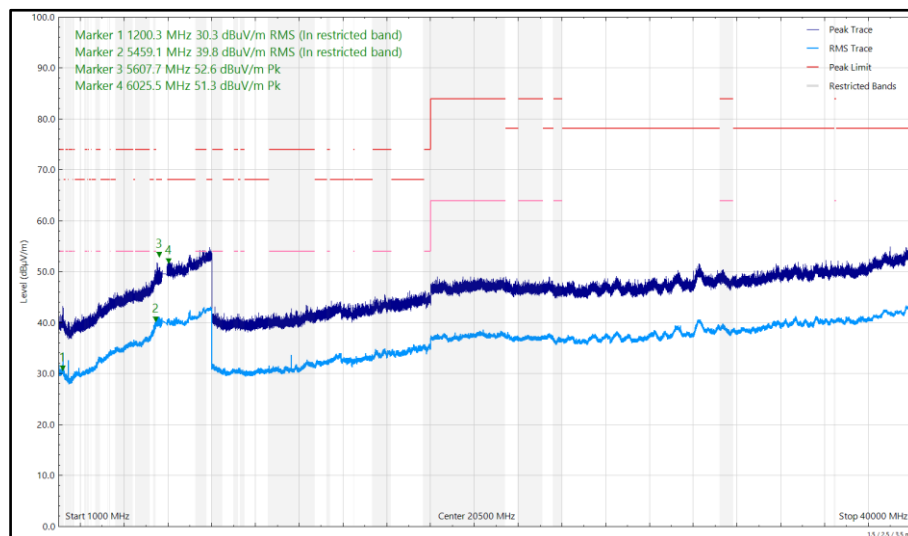


Figure 911 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

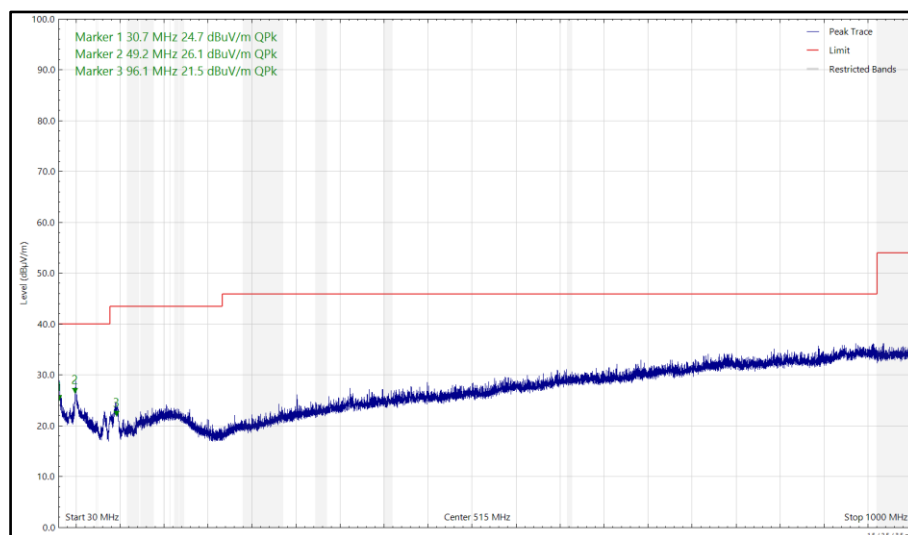


Figure 912 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

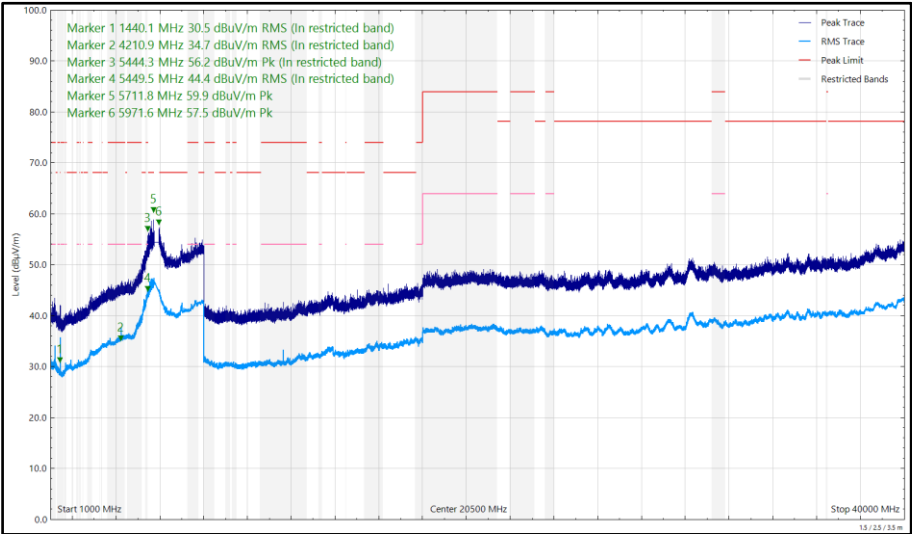


Figure 913 - 5825 MHz (CH165), HE20, RU26-0, CDD, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1200.041	32.17	54.00	-21.83	RMS	128	319	Horizontal
1200.411	33.40	54.00	-20.60	RMS	118	188	Vertical
1440.118	35.48	54.00	-18.52	RMS	118	283	Vertical
5096.061	54.33	74.00	-19.67	Peak	7	345	Vertical
5108.581	38.00	54.00	-16.00	RMS	123	399	Horizontal
5109.643	43.58	54.00	-10.42	RMS	7	332	Vertical
5383.435	38.98	54.00	-15.02	RMS	122	394	Horizontal
5390.184	44.30	54.00	-9.70	RMS	6	319	Vertical
5439.551	55.23	74.00	-18.77	Peak	0	346	Vertical
5502.465	53.00	68.20	-15.20	Peak	296	400	Horizontal
5594.948	55.97	68.20	-12.23	Peak	7	277	Vertical

Table 1551 - 5180 MHz (CH36), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

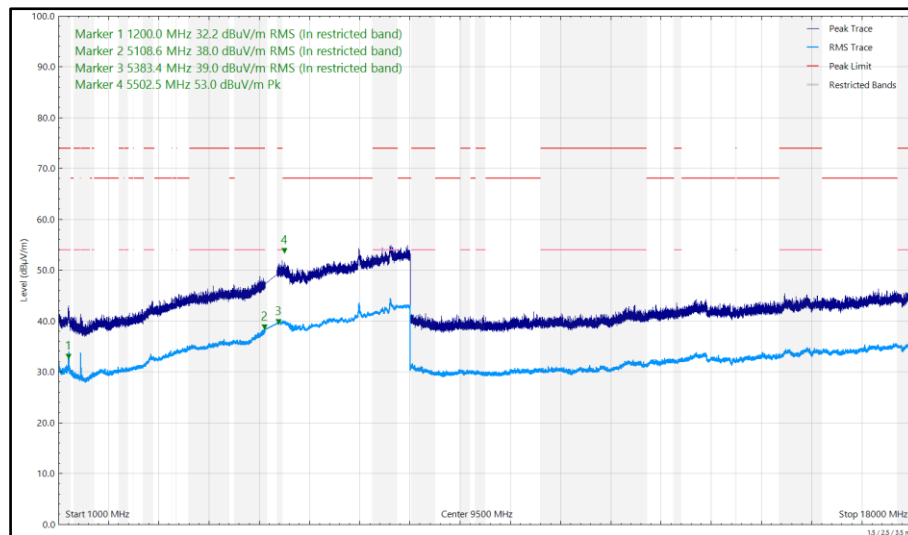


Figure 914 - 5180 MHz (CH36), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

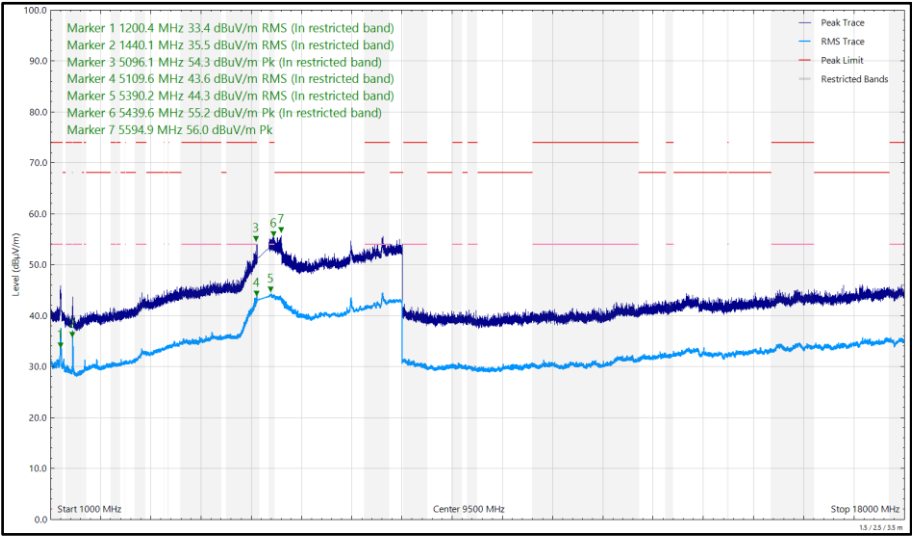


Figure 915 - 5180 MHz (CH36), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1194.463	31.75	54.00	-22.25	RMS	108	190	Vertical
1200.053	31.73	54.00	-22.27	RMS	118	313	Horizontal
1440.396	29.56	54.00	-24.44	RMS	117	284	Vertical
4193.781	34.72	54.00	-19.28	RMS	349	400	Vertical
5435.669	57.52	74.00	-16.48	Peak	2	256	Vertical
5452.227	46.15	54.00	-7.85	RMS	3	260	Vertical
5452.319	39.69	54.00	-14.31	RMS	118	386	Horizontal
5461.893	51.83	68.20	-16.37	Peak	285	382	Horizontal
5469.585	58.14	68.20	-10.06	Peak	6	290	Vertical
5784.717	59.88	68.20	-8.32	Peak	0	265	Vertical
5837.951	52.14	68.20	-16.06	Peak	307	354	Horizontal

Table 1552 - 5700 MHz (CH140), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

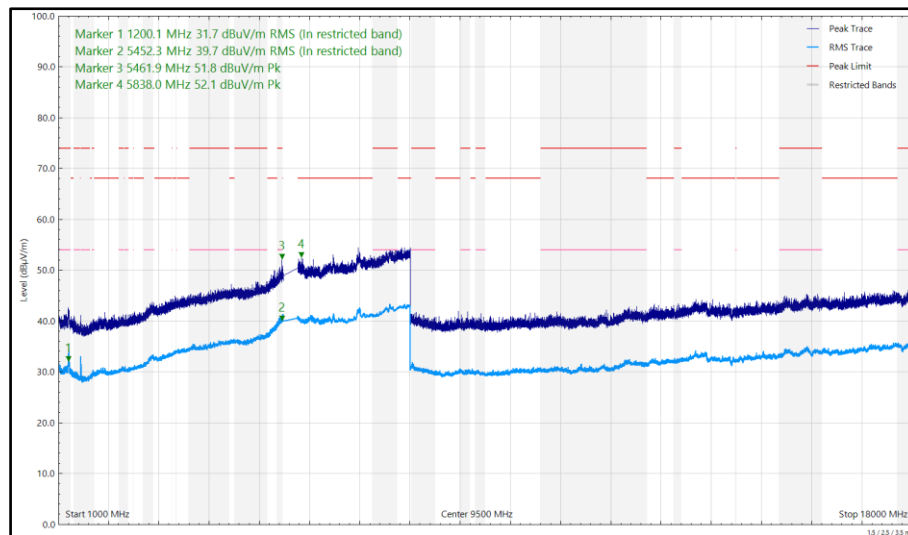


Figure 916 - 5700 MHz (CH140), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

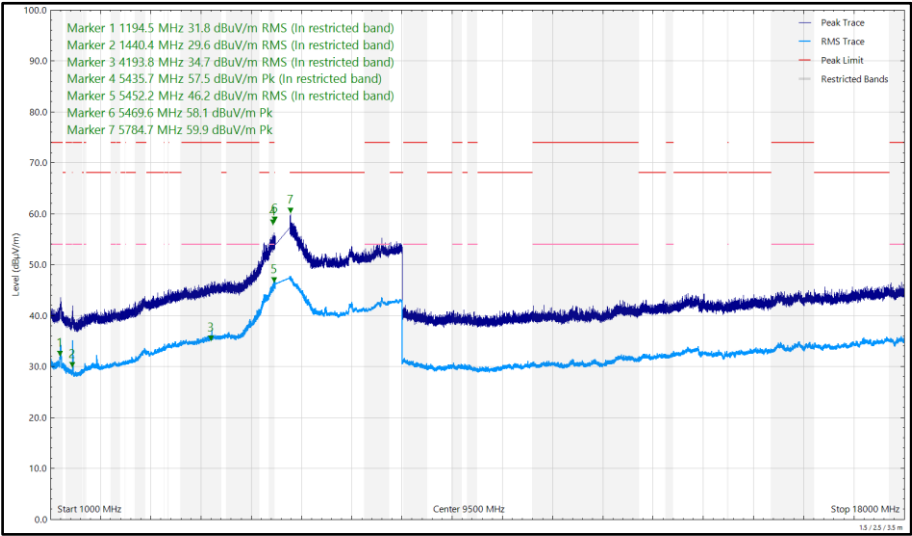


Figure 917 - 5700 MHz (CH140), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1200.180	32.01	54.00	-21.99	RMS	118	280	Vertical
1440.104	31.40	54.00	-22.60	RMS	121	255	Vertical
5456.012	55.36	74.00	-18.64	Peak	8	234	Vertical
5456.650	44.58	54.00	-9.42	RMS	8	234	Vertical
5459.950	39.40	54.00	-14.60	RMS	297	313	Horizontal
5719.919	58.39	68.20	-9.81	Peak	10	298	Vertical
5721.049	52.43	68.20	-15.77	Peak	303	390	Horizontal
5953.432	57.69	68.20	-10.51	Peak	355	264	Vertical
6057.196	51.97	68.20	-16.23	Peak	74	359	Horizontal

Table 1553 - 5825 MHz (CH165), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

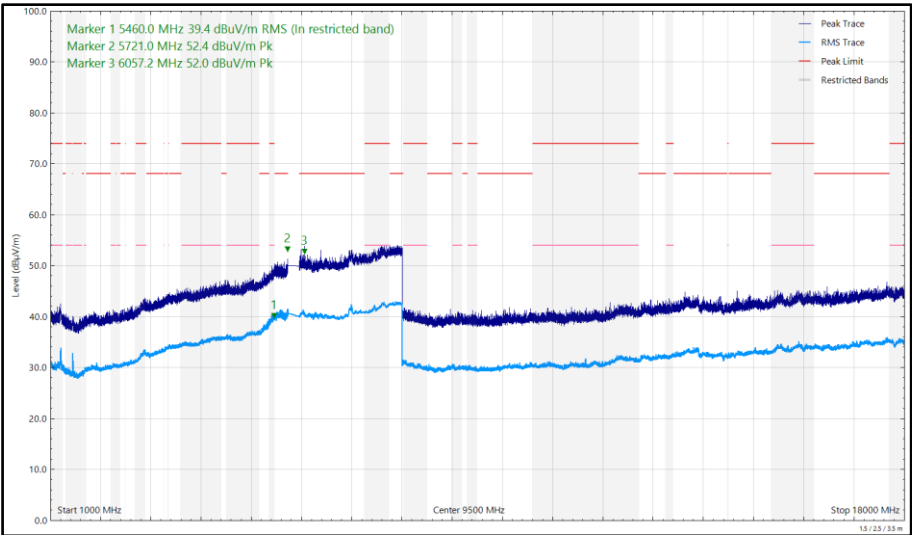


Figure 918 - 5825 MHz (CH165), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

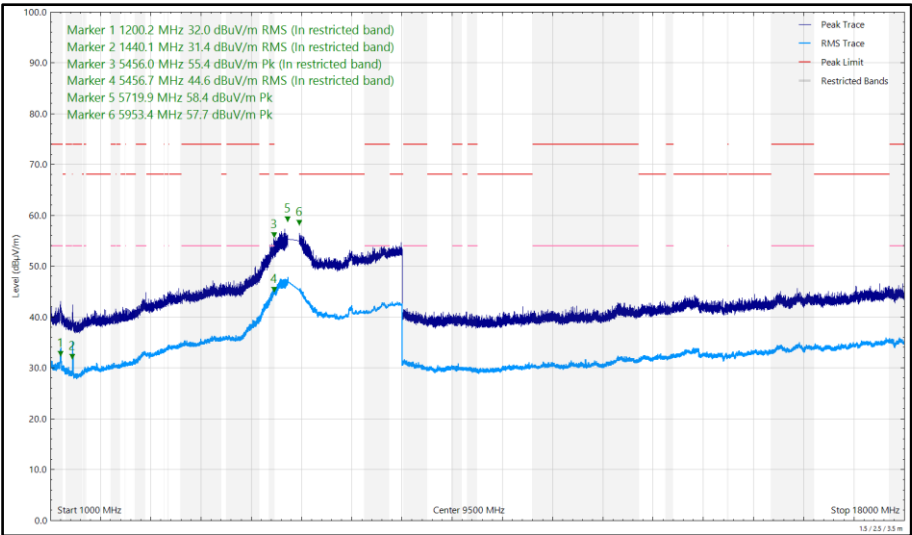




Figure 919 - 5825 MHz (CH165), a, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1198.925	31.96	54.00	-22.04	RMS	146	321	Vertical
1440.091	28.81	54.00	-25.19	RMS	123	311	Vertical
5139.501	37.26	54.00	-16.74	RMS	311	360	Horizontal
5145.609	42.86	54.00	-11.14	RMS	5	324	Vertical
5390.143	41.02	54.00	-12.98	RMS	292	396	Horizontal
5390.245	45.75	54.00	-8.25	RMS	4	334	Vertical
5391.507	57.91	74.00	-16.09	Peak	4	334	Vertical
5522.291	53.79	68.20	-14.41	Peak	294	372	Horizontal
5530.147	56.52	68.20	-11.68	Peak	8	256	Vertical

Table 1554 - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

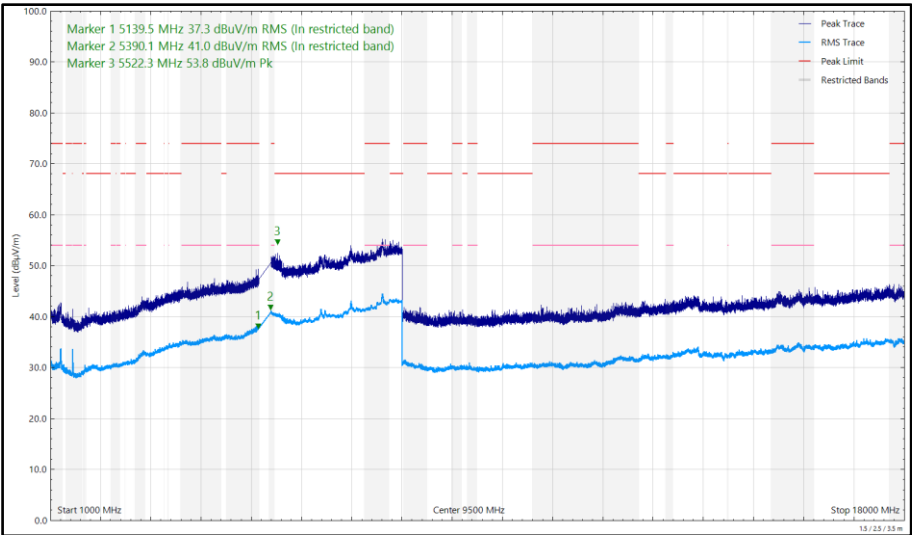


Figure 920 - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

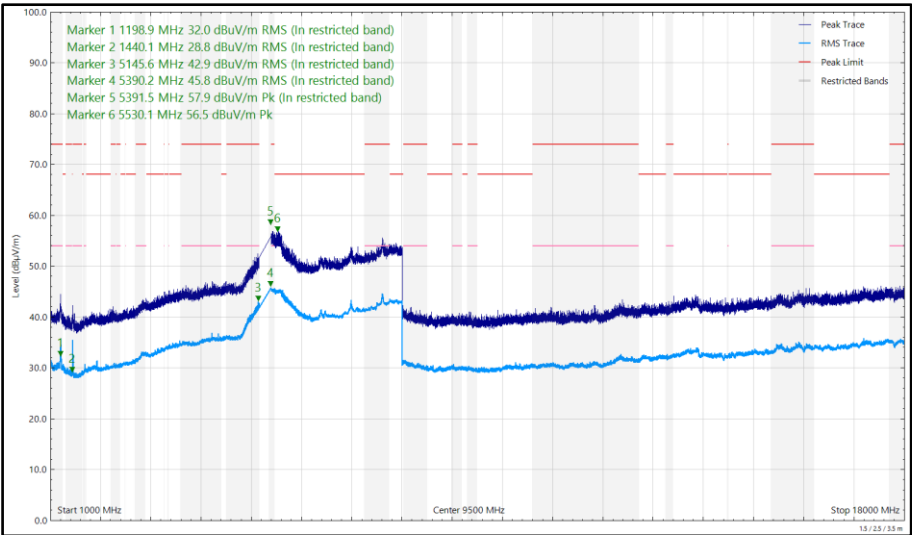




Figure 921 - 5320 MHz (CH64), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1440.067	29.46	54.00	-24.54	RMS	118	284	Vertical
5248.197	55.37	68.20	-12.83	Peak	4	333	Vertical
5331.364	50.64	68.20	-17.56	Peak	280	399	Horizontal
5381.046	56.78	74.00	-17.22	Peak	6	329	Vertical
5403.116	45.04	54.00	-8.96	RMS	349	311	Vertical
5409.115	40.13	54.00	-13.87	RMS	287	368	Horizontal
5730.216	49.91	68.20	-18.29	Peak	227	245	Horizontal
5833.225	54.46	68.20	-13.74	Peak	358	256	Vertical

Table 1555 - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

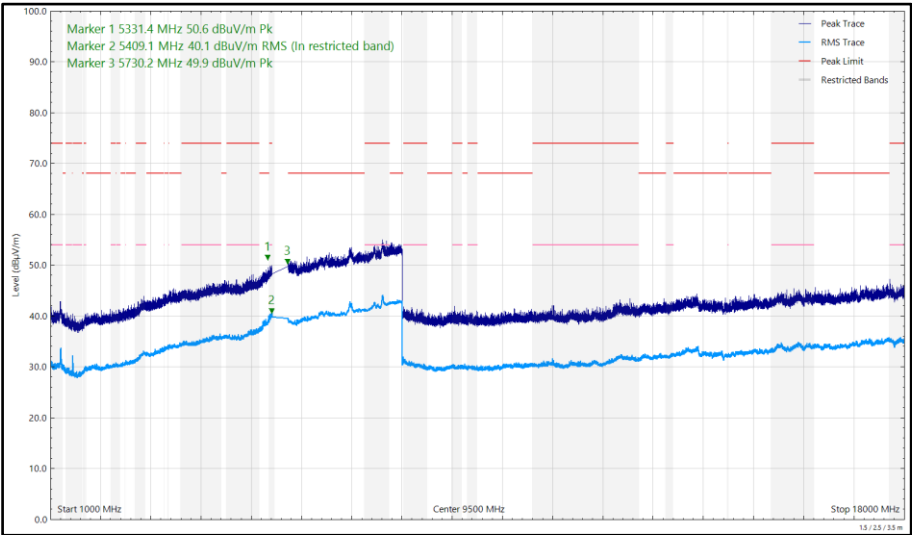


Figure 922 - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

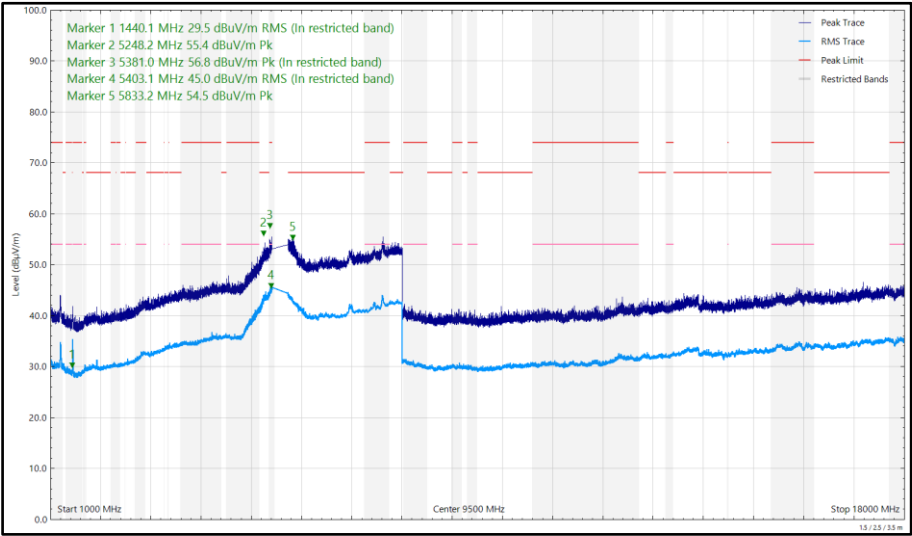


Figure 923 - 5500 MHz (CH100), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1440.041	30.52	54.00	-23.48	RMS	161	293	Vertical
5445.667	56.47	74.00	-17.53	Peak	359	231	Vertical
5455.193	45.66	54.00	-8.34	RMS	359	231	Vertical
5459.355	40.79	54.00	-13.21	RMS	285	400	Horizontal
5467.038	57.05	68.20	-11.15	Peak	6	270	Vertical
5469.835	50.87	68.20	-17.33	Peak	128	357	Horizontal
5777.981	59.80	68.20	-8.40	Peak	7	263	Vertical
5780.249	53.38	68.20	-14.82	Peak	294	392	Horizontal

Table 1556 - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

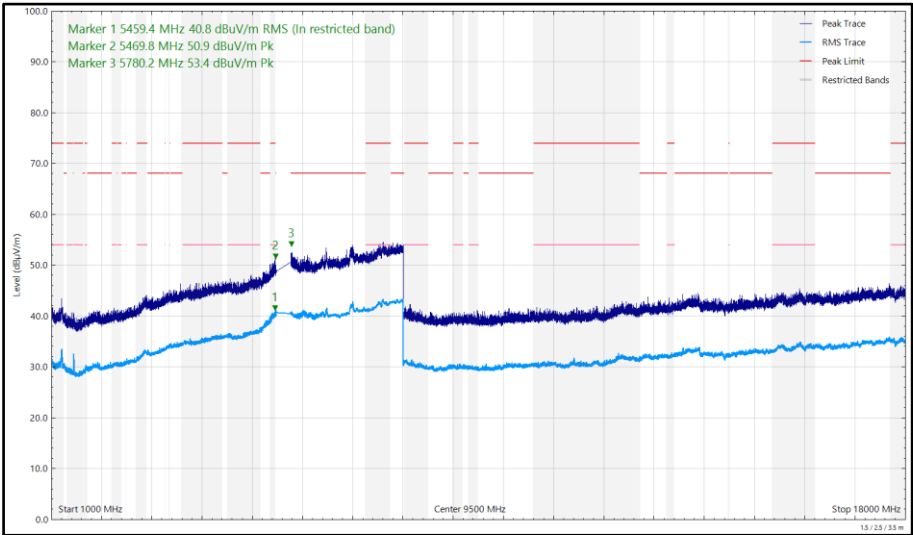


Figure 924 - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

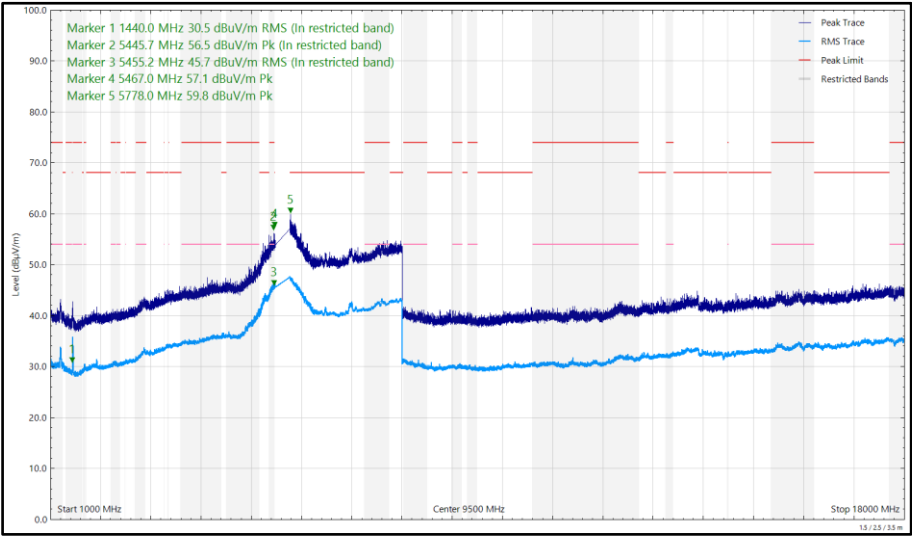


Figure 925 - 5700 MHz (CH140), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1191.645	30.87	54.00	-23.13	RMS	108	128	Vertical
1200.639	31.03	54.00	-22.97	RMS	118	324	Horizontal
1441.898	28.33	54.00	-25.67	RMS	118	355	Vertical
4234.547	34.62	54.00	-19.38	RMS	118	100	Vertical
5451.167	45.40	54.00	-8.60	RMS	3	366	Vertical
5456.922	56.50	74.00	-17.50	Peak	10	328	Vertical
5459.643	40.55	54.00	-13.45	RMS	290	399	Horizontal
5577.946	59.55	68.20	-8.65	Peak	8	267	Vertical
5592.735	52.81	68.20	-15.39	Peak	290	392	Horizontal
5851.422	52.70	68.20	-15.50	Peak	310	364	Horizontal
5886.682	58.13	68.20	-10.07	Peak	354	264	Vertical

Table 1557 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

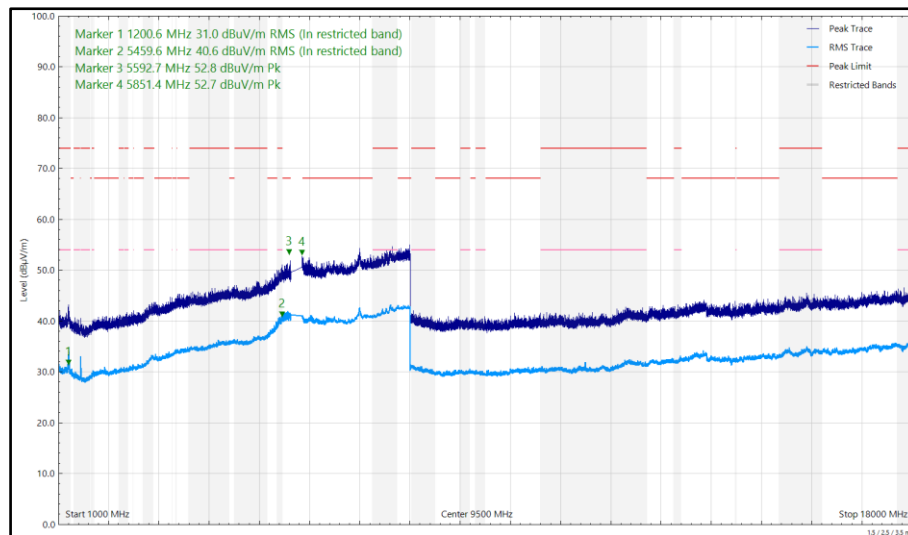


Figure 926 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

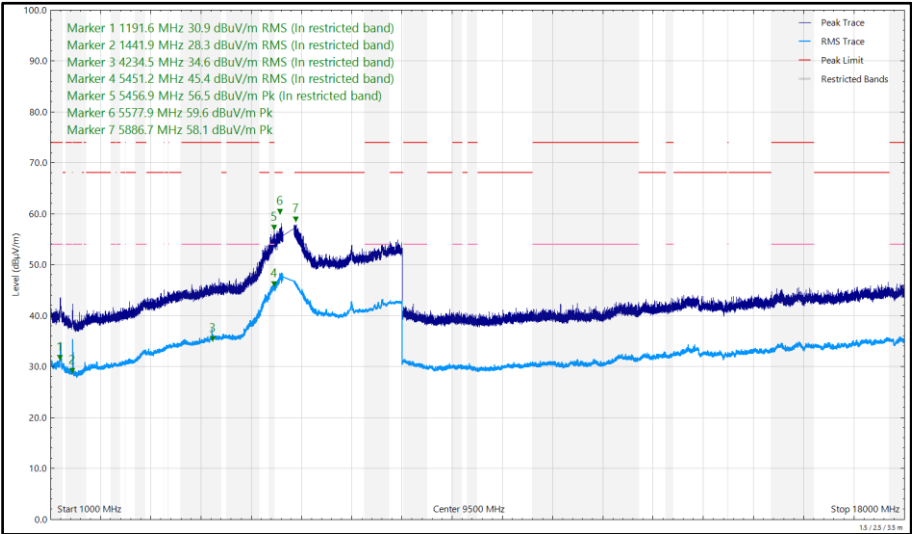


Figure 927 - 5745 MHz (CH149), HT20, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1440.096	29.02	54.00	-24.98	RMS	108	191	Vertical
5432.081	57.51	74.00	-16.49	Peak	1	303	Vertical
5456.691	40.40	54.00	-13.60	RMS	283	399	Horizontal
5459.685	45.37	54.00	-8.63	RMS	5	298	Vertical
5460.395	58.72	68.20	-9.48	Peak	2	239	Vertical
5469.126	52.70	68.20	-15.50	Peak	293	360	Horizontal
5762.284	53.28	68.20	-14.92	Peak	298	397	Horizontal
5798.996	60.23	68.20	-7.97	Peak	9	263	Vertical

Table 1558 - 5700 MHz (CH140), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

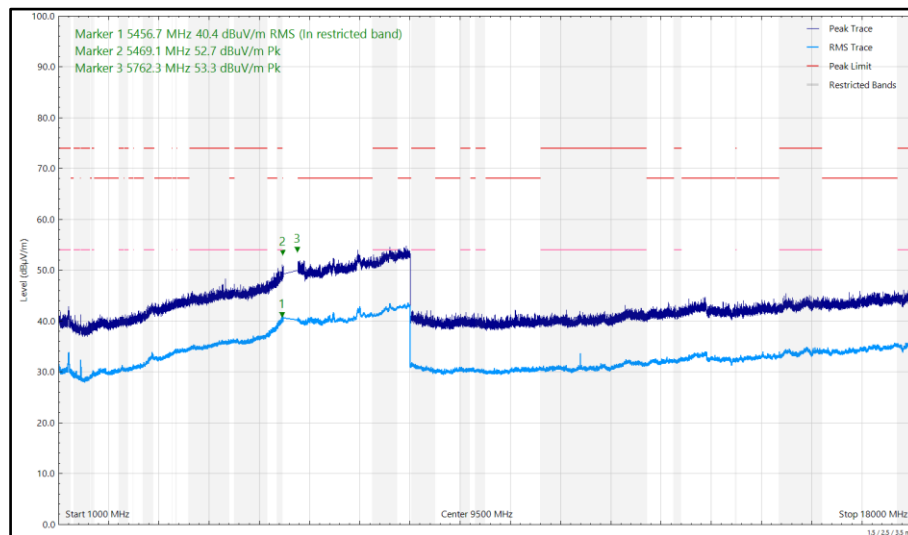


Figure 928 - 5700 MHz (CH140), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

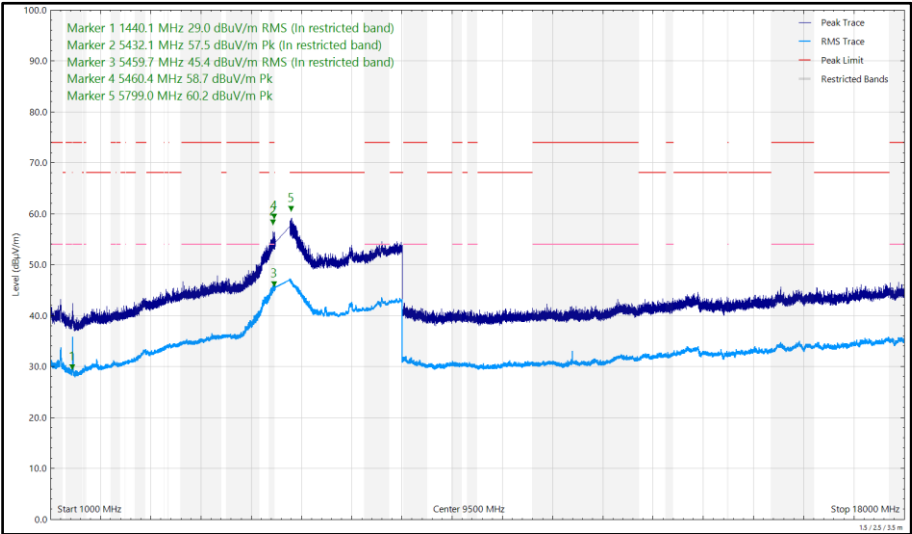


Figure 929 - 5700 MHz (CH140), HE20, RU52-37, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1440.183	28.21	54.00	-25.79	RMS	108	308	Vertical
4211.914	34.90	54.00	-19.10	RMS	43	200	Vertical
5439.517	56.79	74.00	-17.21	Peak	7	359	Vertical
5453.119	39.63	54.00	-14.37	RMS	293	389	Horizontal
5457.568	44.67	54.00	-9.33	RMS	7	359	Vertical
5652.383	58.71	68.20	-9.49	Peak	7	245	Vertical
5717.744	52.90	68.20	-15.30	Peak	300	386	Horizontal
5960.298	57.57	68.20	-10.63	Peak	353	281	Vertical
5980.543	52.58	68.20	-15.62	Peak	82	363	Horizontal

Table 1559 - 5825 MHz (CH165), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

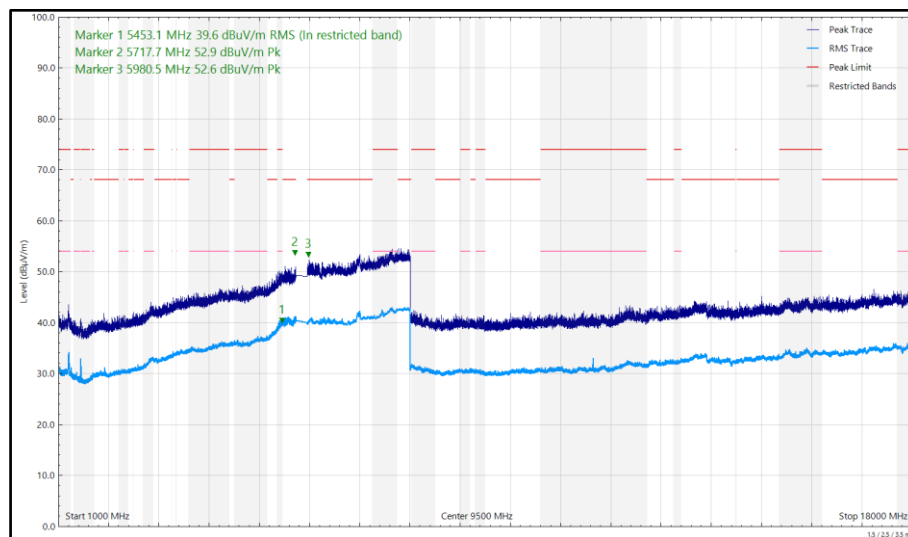


Figure 930 - 5825 MHz (CH165), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

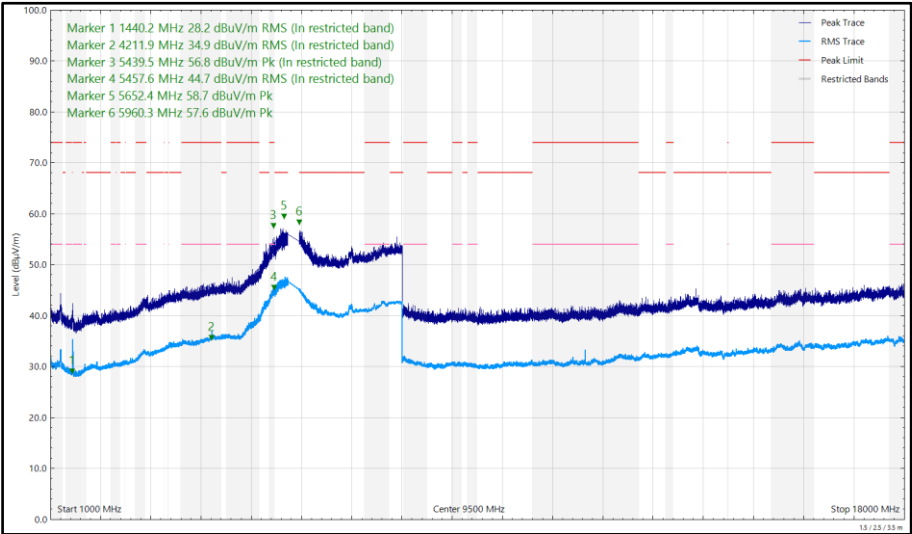


Figure 931 - 5825 MHz (CH165), EHT20, RU106+26-82, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1440.383	29.02	54.00	-24.98	RMS	117	357	Vertical
5147.189	36.95	54.00	-17.05	RMS	118	400	Horizontal
5148.679	41.07	54.00	-12.93	RMS	7	313	Vertical
5241.638	55.06	68.20	-13.14	Peak	1	324	Vertical
5269.840	49.18	68.20	-19.02	Peak	59	325	Horizontal
5960.194	55.01	68.20	-13.19	Peak	353	261	Vertical
6002.763	51.91	68.20	-16.29	Peak	78	350	Horizontal

Table 1560 - 5570 MHz (CH114), EHT160, RU52+26-80S, CDD, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

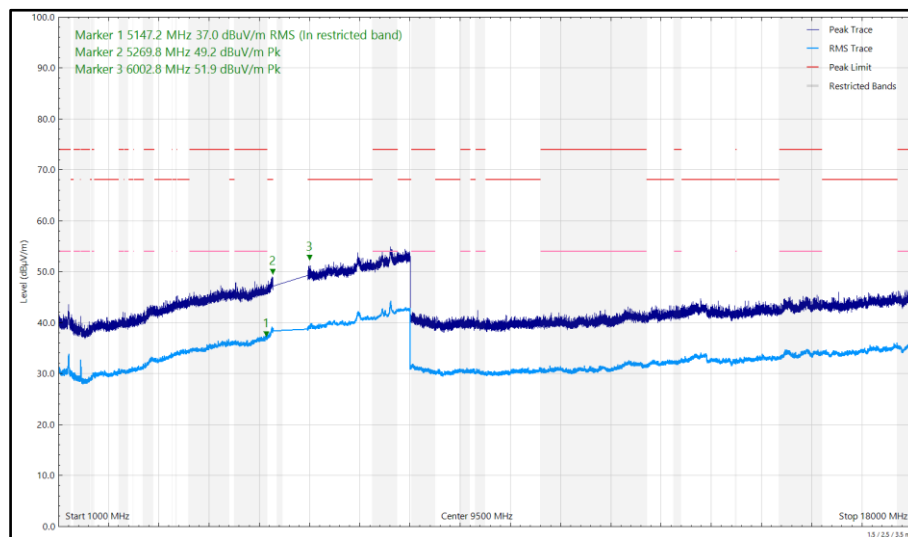


Figure 932 - 5570 MHz (CH114), EHT160, RU52+26-80S, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

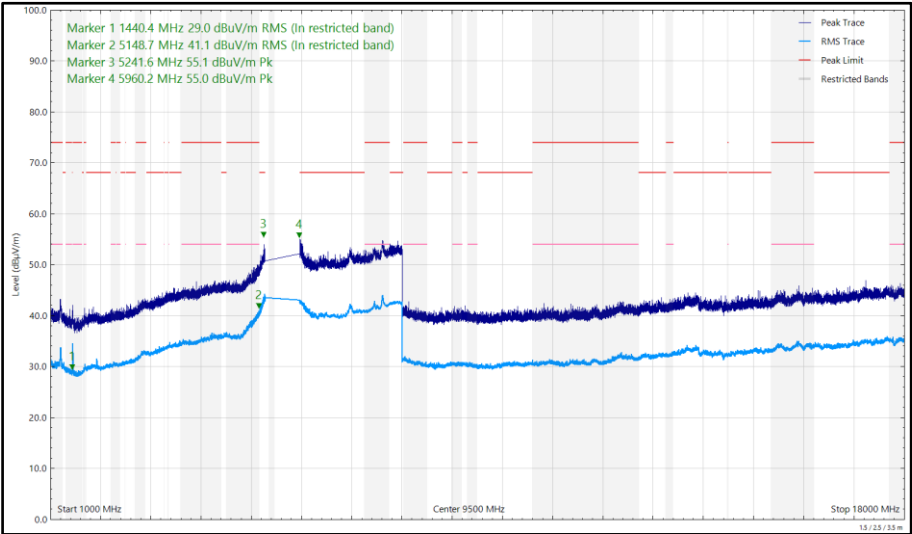


Figure 933 - 5570 MHz (CH114), EHT160, RU52+26-80S, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
1204.067	30.75	54.00	-23.25	RMS	122	194	Horizontal
1440.424	30.82	54.00	-23.18	RMS	125	283	Vertical
4969.627	36.92	54.00	-17.08	RMS	123	313	Horizontal
4969.887	38.45	54.00	-15.55	RMS	30	260	Vertical
5534.871	50.95	68.20	-17.25	Peak	288	361	Horizontal
5539.182	54.15	68.20	-14.05	Peak	356	253	Vertical

Table 1561 - 5250 MHz (CH50), 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.

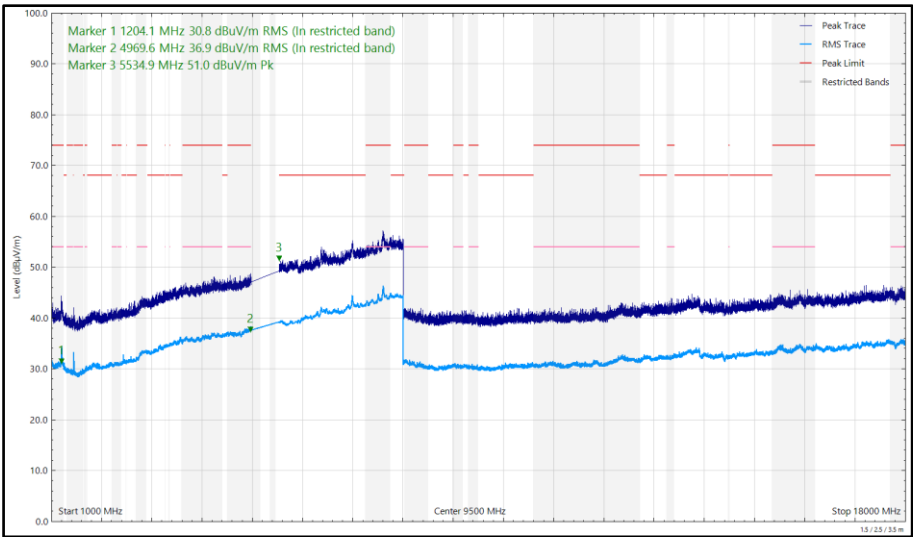


Figure 934 - 5250 MHz (CH50), EHT160, RU996+484+242-96P, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

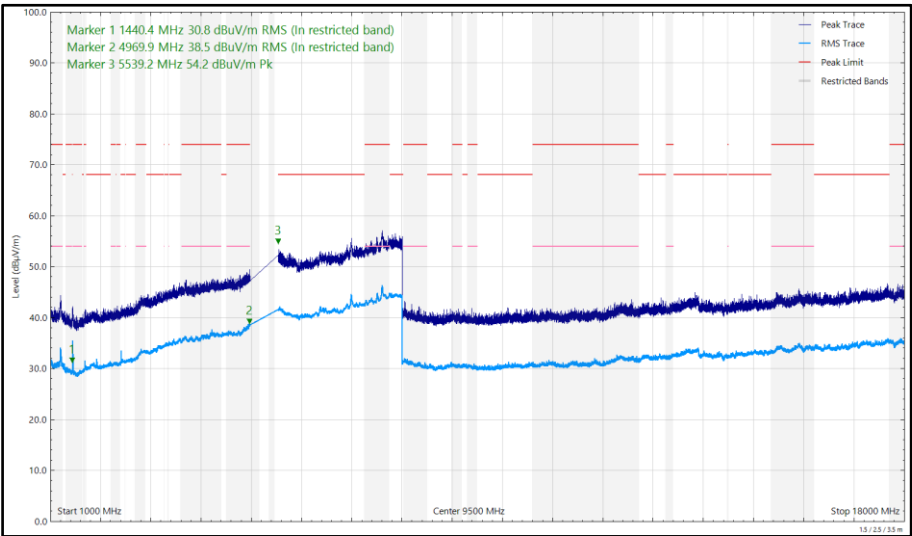


Figure 935 - 5250 MHz (CH50), EHT160, RU996+484+242-96P, CDD, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

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 1562 - Radiated Emissions Limit Table (FCC)



ISED RSS-247, Limit Clause 7.3.1.3, 7.3.2.3, 7.3.3.3 and 7.3.4.4 and ISED RSS-GEN, Limit Clause 8.9

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

For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB.

For transmitters with operating frequencies in the bands 5250-5350 MHz and 5470-5725 MHz, all emissions outside the band 5250-5350 MHz and 5470-5725 MHz shall not exceed -27 dBm/MHz e.i.r.p.

Devices operating in the band 5725-5850 MHz shall have e.i.r.p. of unwanted emissions comply with the following:

- 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;
- 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;
- 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and
- -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

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

Frequency (MHz)	Field Strength ($\mu\text{V}/\text{m}$) at 3m	Field Strength Limit ($\text{dB}\mu\text{V}/\text{m}$) 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 1563 - Radiated Emissions Limit Table (ISED)

For the 5895 MHz band edge and above, all devices shall be measured using average detection and shall comply with the following e.i.r.p. spectral density limits:

Fixed outdoor access points and fixed outdoor client devices shall not exceed -27 dBm/MHz e.i.r.p. spectral density at or above the 5895 MHz band edge.

Indoor access points or indoor subordinate devices shall not exceed 15 dBm/MHz e.i.r.p. spectral density at the 5895 MHz band edge and shall decrease linearly to not exceed -7 dBm/MHz e.i.r.p. spectral density at or above 5925 MHz.

Client devices shall not exceed -5 dBm/MHz e.i.r.p. spectral density at the 5895 MHz band edge and shall decrease linearly to not exceed -27 dBm/MHz e.i.r.p. spectral density at or above 5925 MHz.



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
Power Supply Unit	Farnell	D302T	609	12	TU
Emissions Software	TUV SUD	EmX V3.6	5125	-	TU
Test Receiver	Rohde & Schwarz	ESW44	5914	12	17-Jun-2026
Cable (K Type 2m)	Junkosha	MWX241-02000KMSKS/B	5937	12	12-Jun-2026
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, Chamber 16	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	05-Dec-2026
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
8GHz Highpass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6194	12	23-Apr-2026
Pre Amp 8 - 18 GHz	Wright Technologies	APS06 0061	6200	12	24-Apr-2026
Attenuator 4dB	Pasternack	PE7074-4	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
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



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
1m Cable	Junkosha	MWX241-01000AMSAMS/B	6740	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
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6849	12	06-Nov-2026
Cable Assembly	SpecTech	PE300-60	6856	-	TU
Cable Assembly	SpecTech	PE300-60	6858	-	TU
Cable Assembly	SpecTech	PE300-60	6862	-	TU
Cable Assembly	SpecTech	PE300-60	6864	-	TU
Cable Assembly	SpecTech	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 1564

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)
ISED RSS-247, Clause 7.3.6.3(c)(d)(e)

2.7.2 Equipment Under Test and Modification State

A3246, S/N: FCMYH4N7H9 - Modification State 0

2.7.3 Date of Test

24-November-2025 to 02-December-2025

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 22.2 - 22.9 °C

Relative Humidity 46.5 - 50.1 %



2.7.6 Test Results

5 GHz WLAN

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 (μ s)	PRI (μ s)	Number of Pulses
0	1	1428	18

Table 1565 - Radar Pulse Type 0 Characteristics

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

Table 1566 - Details of Master Device used to support testing

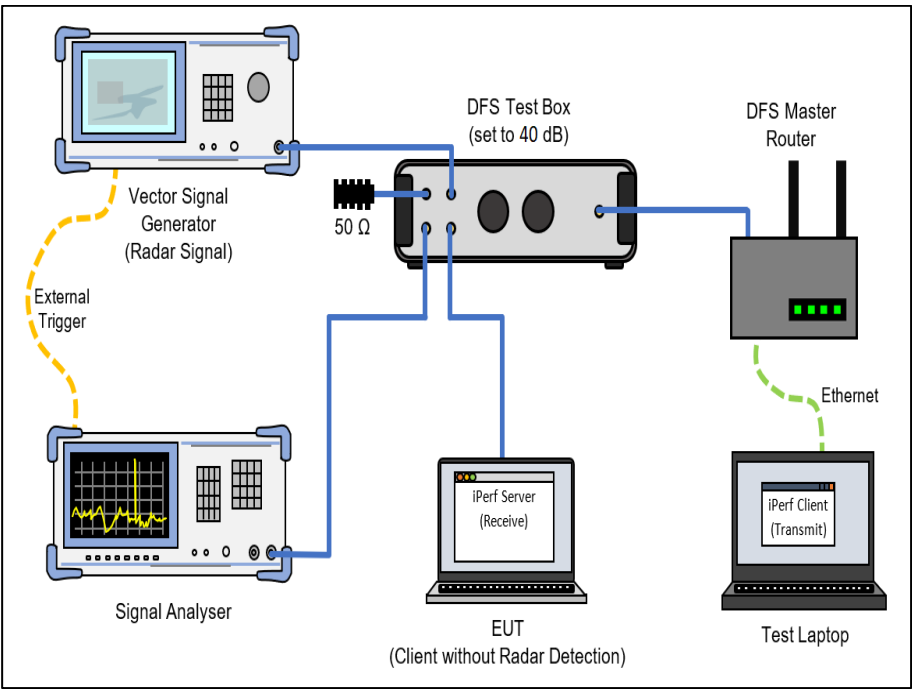


Figure 936 - Test Equipment Setup Diagram for Client without Radar Detection with Injection at the Master

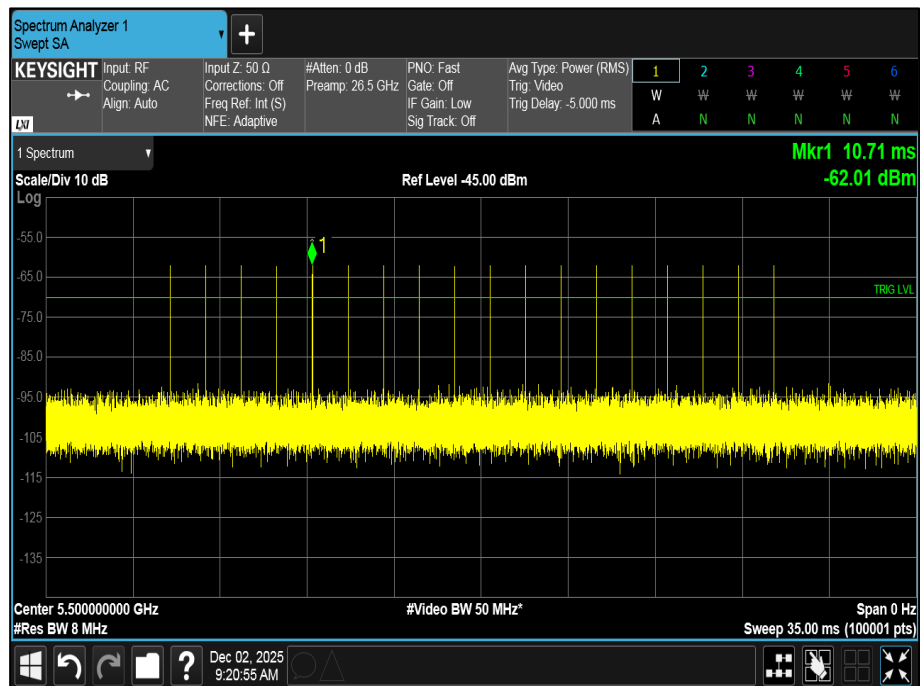


Figure 937 - Verification of Radar Type 0

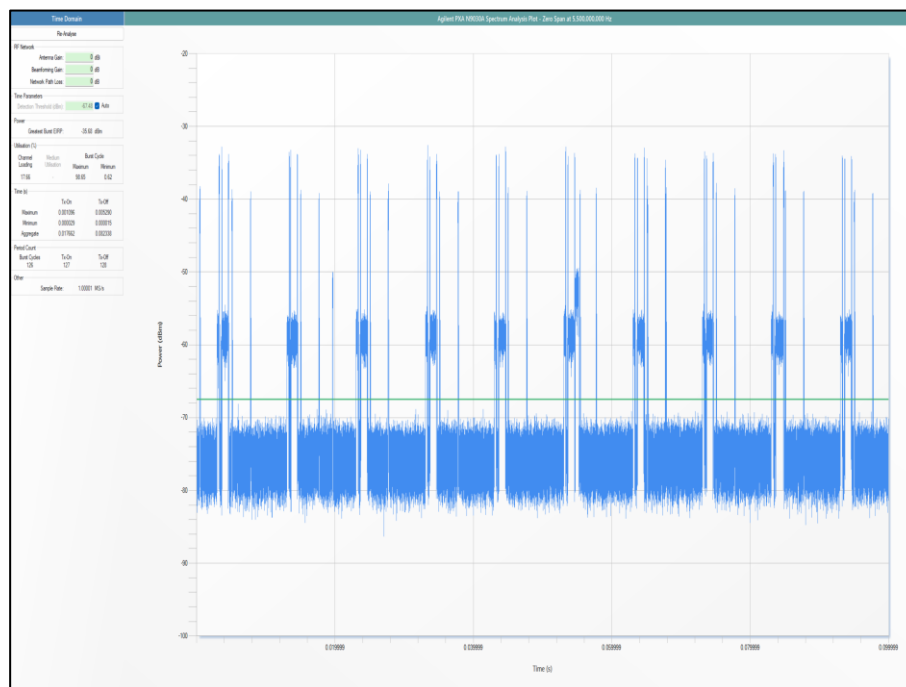


Figure 938 - Channel Loading

The channel loading was 17.66%



Maximum Transmit Power	Value (Notes 1 and 2)
≥ 200 milliwatt	-64 dBm
< 200 milliwatt	-62 dBm
<p>Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.</p> <p>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.</p>	

Table 1567 - 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	0.883 s
Channel Closing Time (Aggregate Time During 200 ms)	2.400 ms
Channel Closing Time (Aggregate Time During 200 ms to 10 s)	13.920 ms
Channel Closing Time (Aggregate Time During 10 s)	16.320 ms
Transmission Observed During Non-Occupancy Period	No

Table 1568 - In-Service Monitoring Test Results

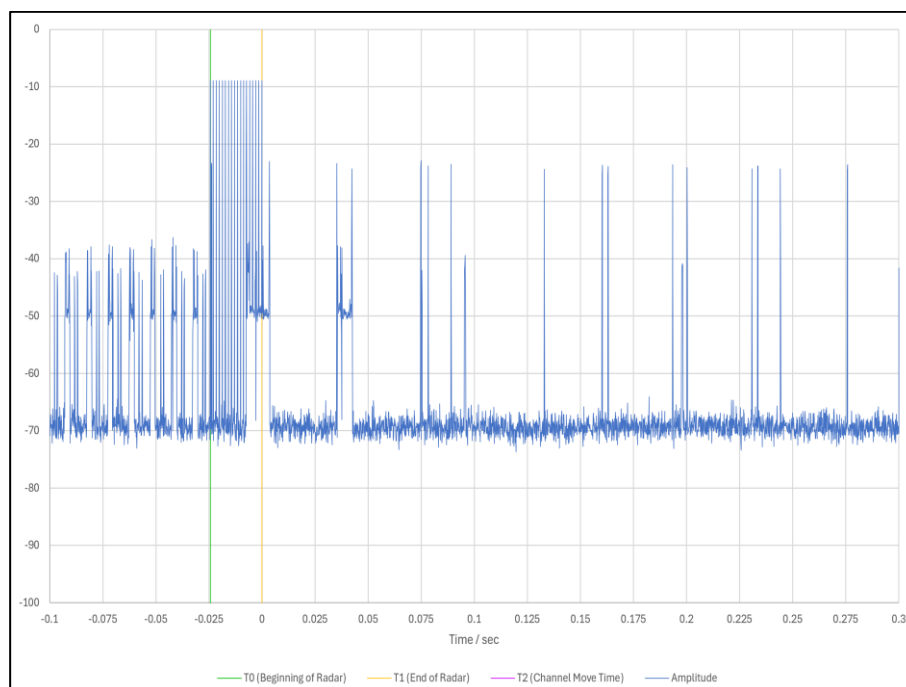


Figure 939 - First 200 ms of Channel Shutdown Period

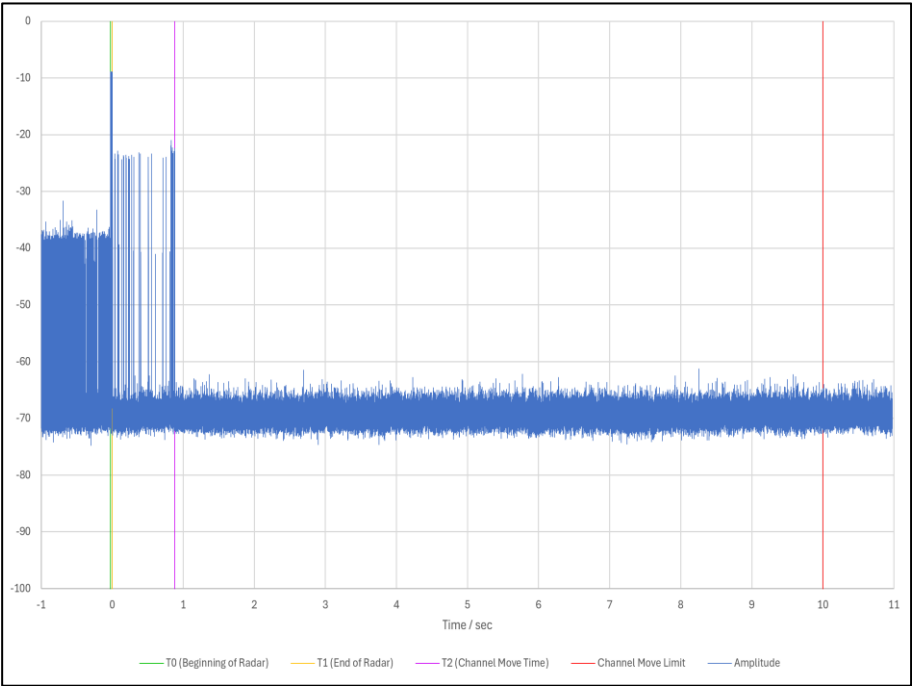


Figure 940 - First 12 s of Channel Shutdown Period

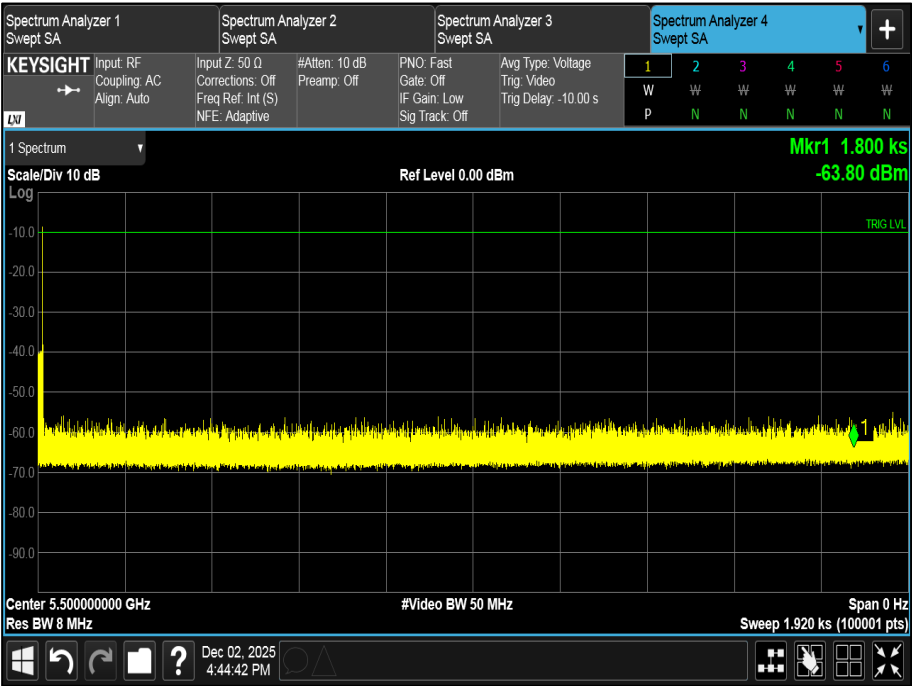


Figure 941 - 30 minute Non-Occupancy Period



2.7.7 Test Location and Test Equipment Used

This test was carried out in Shielded Laboratory 1.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
EXA Signal Analyser	Keysight Technologies	N9010B	4968	24	29-Jan-2026
Cable 2.92mm 1m	Junkosha	MWX241-01000KMS	5414	12	15-Aug-2026
3.5mm Cable (1m)	Junkosha	MWX221/B	5837	12	15-Aug-2026
Vector Signal Generator	Rohde & Schwarz	SMM100A	5915	36	01-Mar-2026
WiFi 6E Tri-Band Gaming Router	Asus	GT-AXE110000	5926	-	TU
Test Coupling Network	TUV SUD	TUV_RxTest_001	6387	12	05-Dec-2026
Attenuator 5W 20dB DC-18GHz	Aaren	AT40A-4041-D18-20	6554	12	17-Jun-2026
1m SMA Cable	Junkosha	MWX221-01000AMSAMS/B	6920	12	08-Dec-2025
2m SMA Cable	Junkosha	MWX221-02000AMSAMS/B	6927	12	08-Dec-2025
Humidity & Temperature meter	Fluke	971	7102	12	05-Aug-2026

Table 1569

TU - Traceability Unscheduled



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: 802.11ac VHT80.

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 1570 - Radar Pulse Type 0 Characteristics

Manufacturer	Model	Serial Number	FCC ID
ASUS	GT-AXE11000	M8IG0x400285XVN	MSQ-RTAXJF00

Table 1571 - Details of Master Device used to support testing

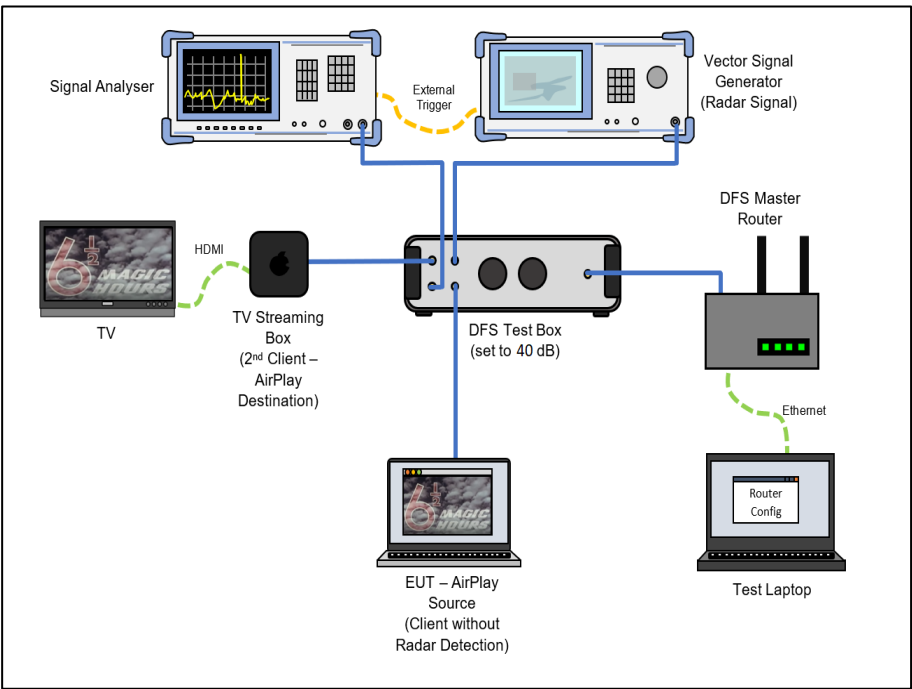


Figure 942 - Test Equipment Setup Diagram for Client without Radar Detection with Injection at the Master