



Figure 22 - 2412 MHz (CH1) 99% Bandwidth



Figure 23 - 2412 MHz (CH1) 6 dB Bandwidth



Figure 24 - 2437 MHz (CH6) 99% Bandwidth

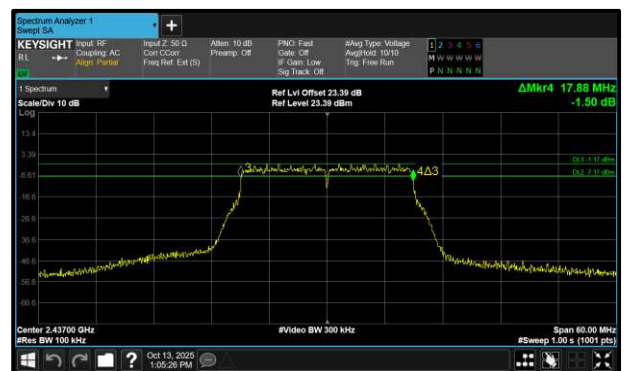


Figure 25 - 2437 MHz (CH6) 6 dB Bandwidth



Figure 26 - 2462 MHz (CH11) 99% Bandwidth



Figure 27 - 2462 MHz (CH11) 6 dB Bandwidth

FCC 47 CFR Part 15, Limit Clause 15.247(a)(2) and ISCED RSS-247, Clause 5.2(a)

The minimum 6 dB Bandwidth shall be at least 500 kHz.



2.5.7 Test Location and Test Equipment Used

This test was carried out in EMC Laboratory 2.

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Expires
GPSDR Frequency Standard	Spectracom	SecureSync 1200-0408-0601	4393	6	18-Mar-2026
HygroPalm	Rotronic	HP21	5358	12	13-Nov-2025
MXA Signal Analyser	Keysight Technologies	N9020B	5528	24	10-Aug-2027
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6350	12	02-Sep-2026
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6638	12	29-Aug-2026

Table 25



2.6 Spurious Radiated Emissions

2.6.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.209 and 15.247 (d)

2.6.2 Equipment Under Test and Modification State

G7 Infotainment Headunit, S/N: 0024581 - Modification State 0.

2.6.3 Date of Test

03-October-2025 to 24-October-2025

2.6.4 Test Method

2.4 GHz WiFi SISO - Single Antenna

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

The DUT was powered by 13.6 VDC throughout the test.

For frequencies > 1 GHz, plots for average measurements were taken in accordance with ANSI C63.10, clause 11.12.2.5.2.

The EUT was placed on the non-conducting platform in a manner typical of a normal installation. As the EUT was considered mobile/portable and therefore reasonable to be used in multiple planes, pre-scans were performed with the EUT orientated in Flat and UpRight planes with reference to the ground plane.

All Ports on the EUT were terminated with customer ancillary equipment.

The plots shown are the characterization of the EUT. The limits on the plots represent the most stringent case for restricted bands, (74/54 dBuV/m) when compared to 20 dBc outside restricted bands. The limits shown have been used as a threshold to determine where further measurements are necessary. Where results are within 10 dB 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 dBμV/m to μV/m:
 $10^{(\text{Field Strength in dB}\mu\text{V/m}/20)}$

Above 18 GHz, the measurement distance was reduced to 1 m. The limit line was increased by $20 \cdot \text{LOG}(3/1) = 9.54$ dB.

Where formal measurements have been necessary, the results have been presented in the emissions table.

2.6.5 Example Test Setup Diagram

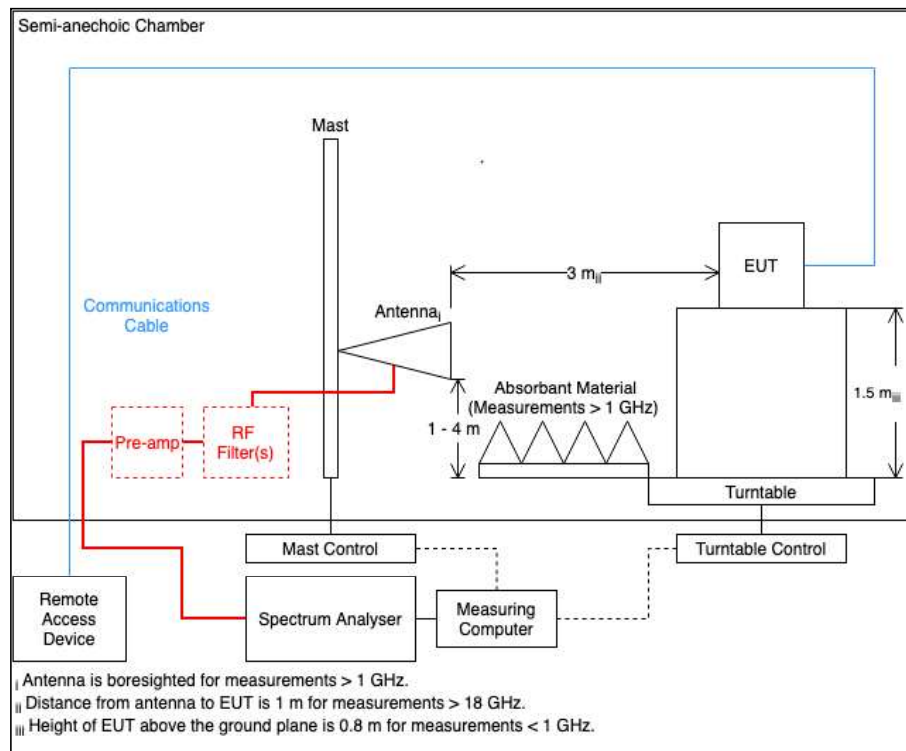


Figure 28

2.6.6 Environmental Conditions

Ambient Temperature	22.5 – 24.9 °C
Relative Humidity	42.5 – 53.3 %

2.6.7 Test Results

2.4 GHz WiFi SISO - Single Antenna

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
35.411	32.68	40.00	-7.32	Q-Peak	0	100	Horizontal

Table 26 - Bottom_Channel_Flat_802.11b_P21, 2412 MHz, 30 MHz to 26 GHz

No other emissions found within 10 dB of the limit.

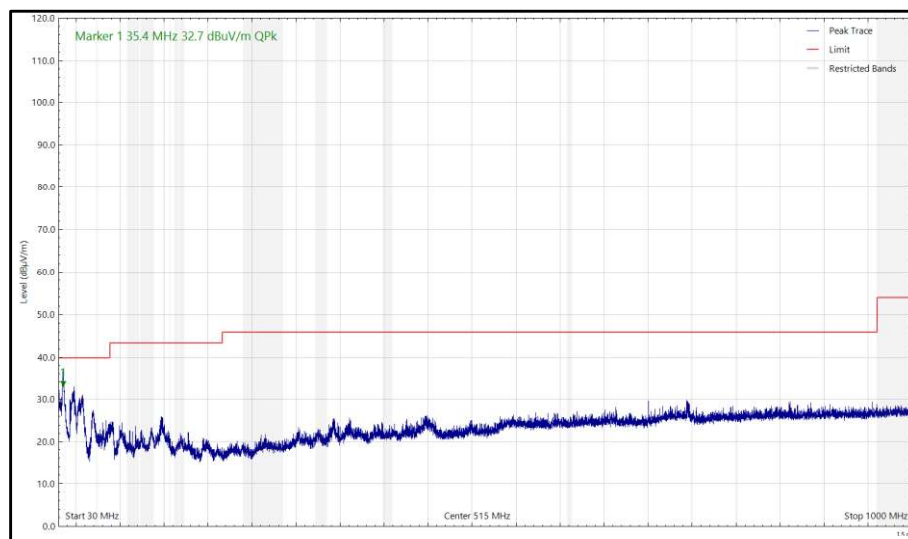


Figure 29 - Bottom_Channel_Flat_802.11b_P21, 2412 MHz, 30 MHz to 1 GHz, Horizontal (Peak)

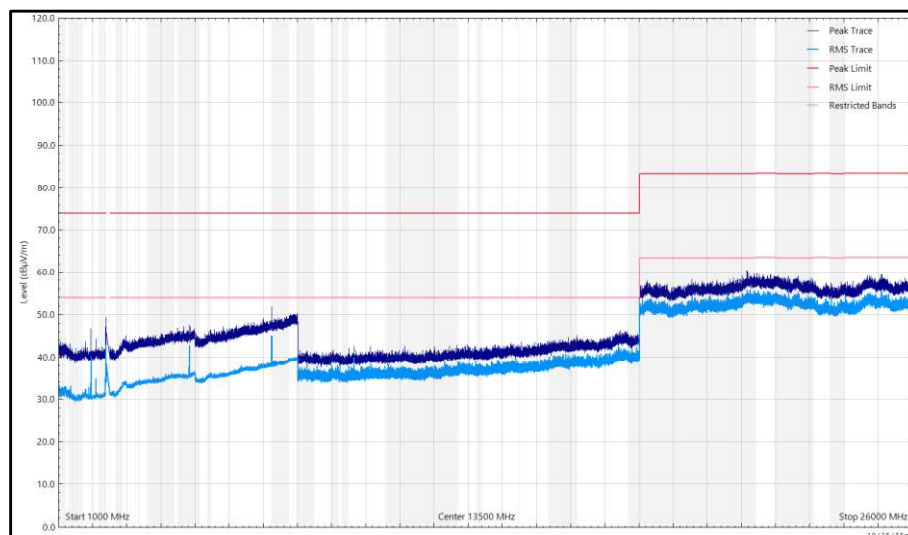


Figure 30 - Bottom_Channel_Flat_802.11b_P21, 2412 MHz, 1 GHz to 26 GHz, Horizontal

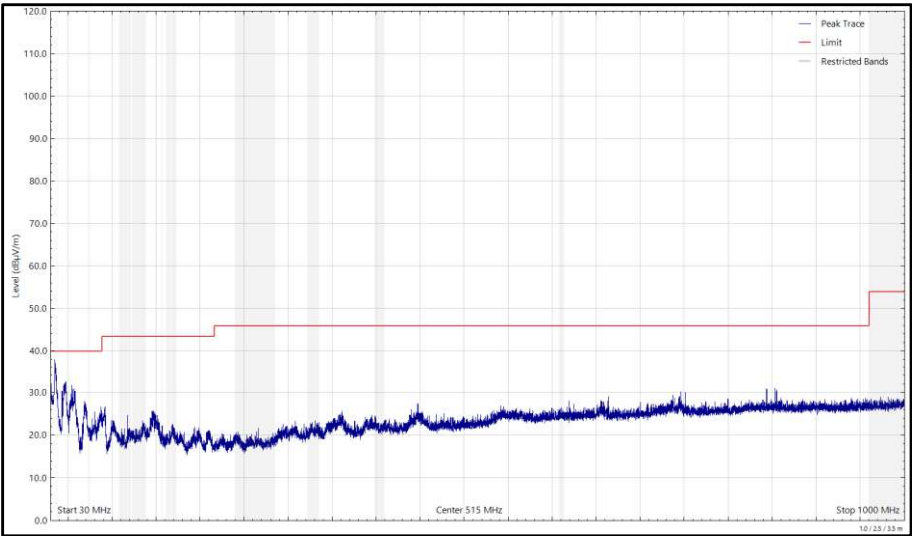


Figure 31 - Bottom_Channel_Flat_802.11b_P21, 2412 MHz, 30 MHz to 1 GHz, Vertical (Peak)

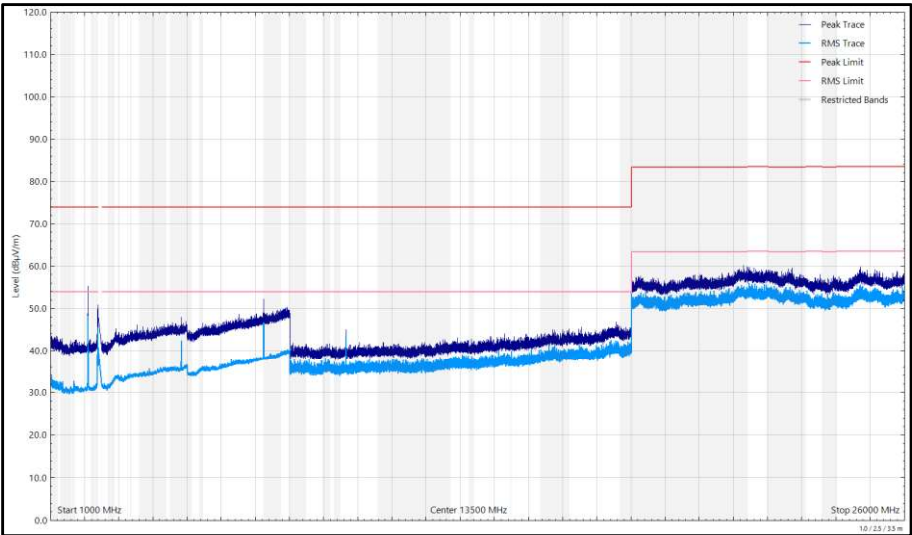


Figure 32 - Bottom_Channel_Flat_802.11b_P21, 2412 MHz, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
36.037	32.89	40.00	-7.11	Q-Peak	297	100	Horizontal
2383.193	45.00	54.00	-9.00	CISPR Avg	0	110	Vertical

Table 27 - Bottom_Channel_UpRight_802.11b_P21, 2412 MHz, 30 MHz to 26 GHz

No other emissions found within 10 dB of the limit.

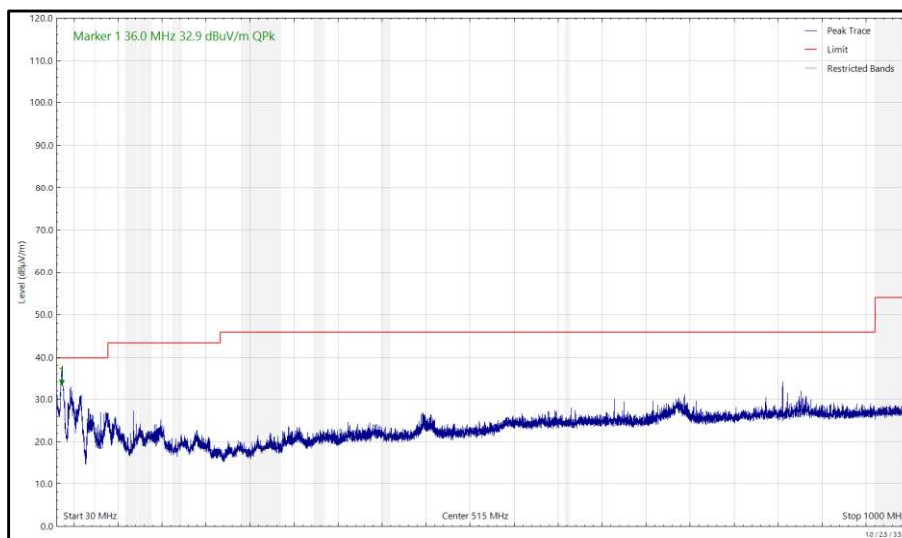


Figure 33 - Bottom_Channel_UpRight_802.11b_P21, 2412 MHz, 30 MHz to 1 GHz, Horizontal (Peak)

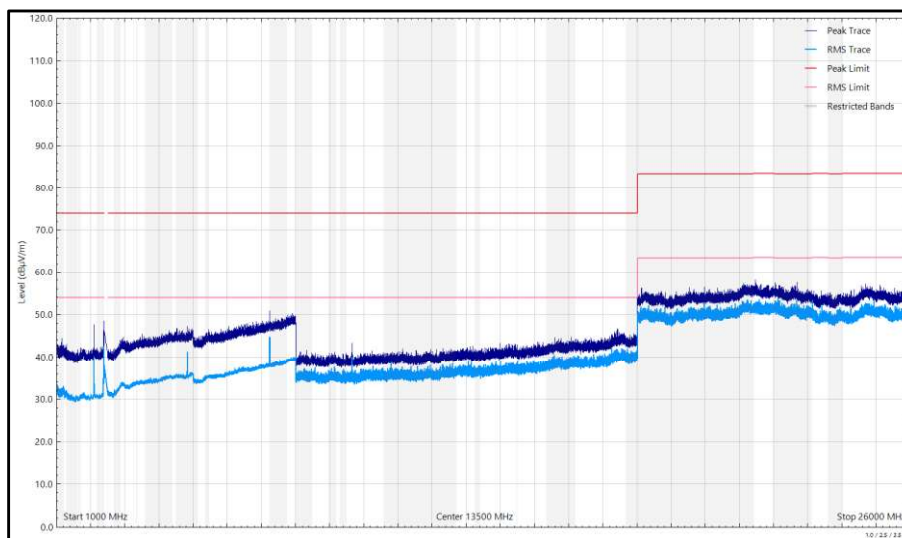


Figure 34 - Bottom_Channel_UpRight_802.11b_P21, 2412 MHz, 1 GHz to 26 GHz, Horizontal

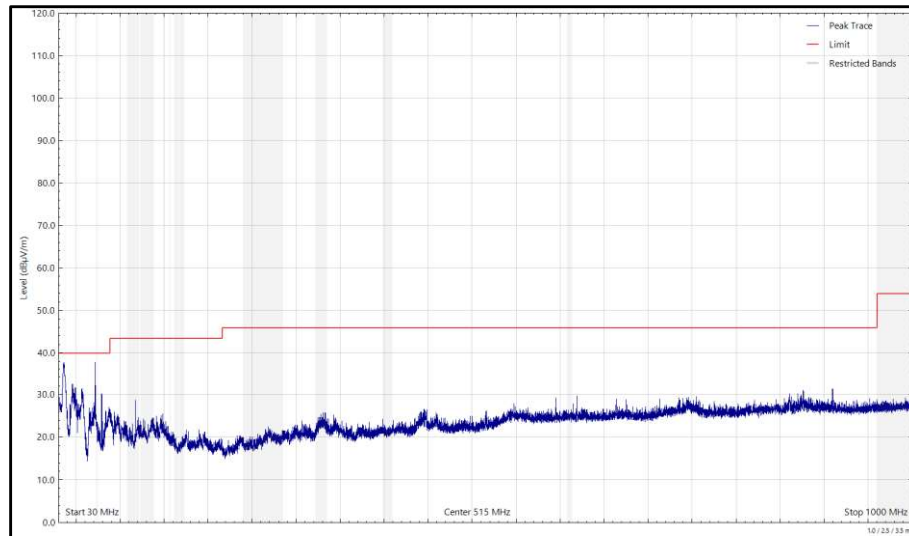


Figure 35 - Bottom_Channel_UpRight_802.11b_P21, 2412 MHz, 30 MHz to 1 GHz, Vertical (Peak)

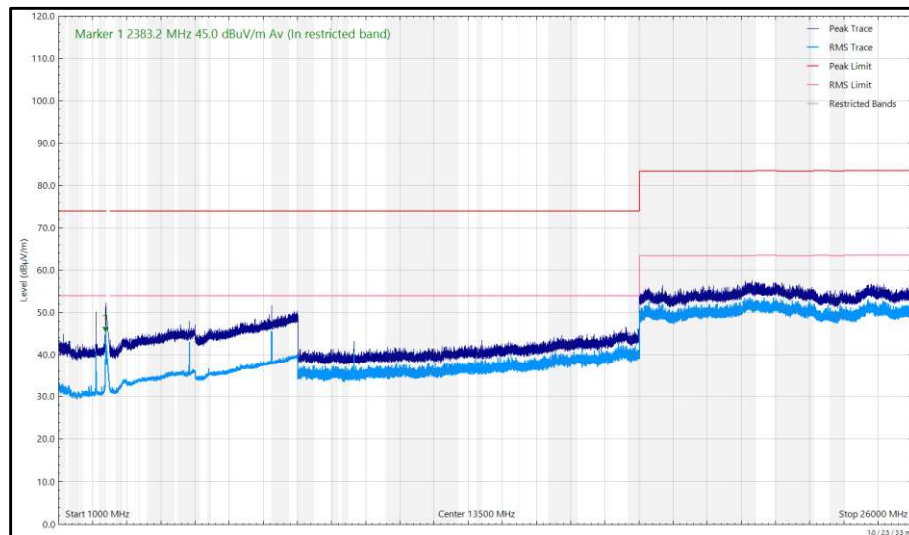


Figure 36 - Bottom_Channel_UpRight_802.11b_P21, 2412 MHz, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
35.049	31.80	40.00	-8.20	Q-Peak	93	100	Vertical
35.310	32.76	40.00	-7.24	Q-Peak	10	100	Horizontal

Table 28 - Bottom_Channel_Flat_802.11g_P14, 2412 MHz, 30 MHz to 26 GHz

No other emissions found within 10 dB of the limit.

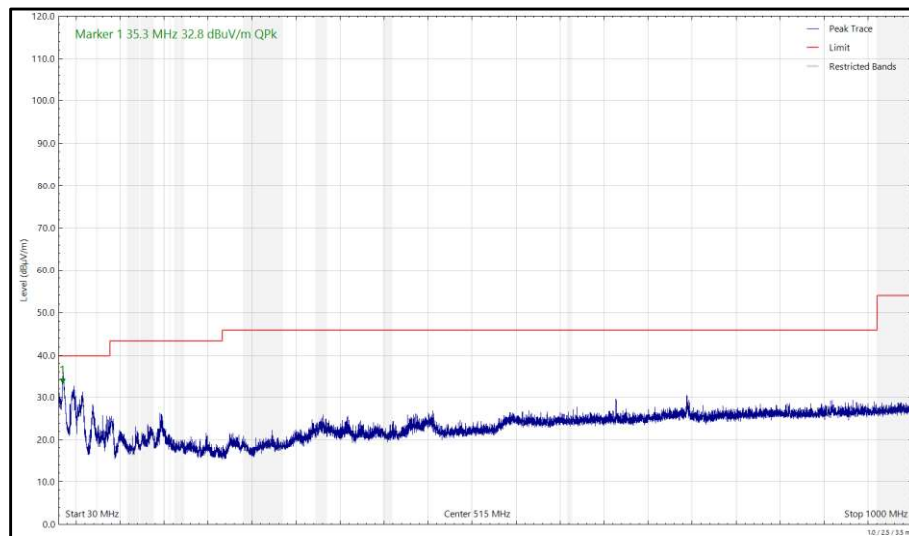


Figure 37 - Bottom_Channel_Flat_802.11g_P14, 2412 MHz, 30 MHz to 1 GHz, Horizontal (Peak)

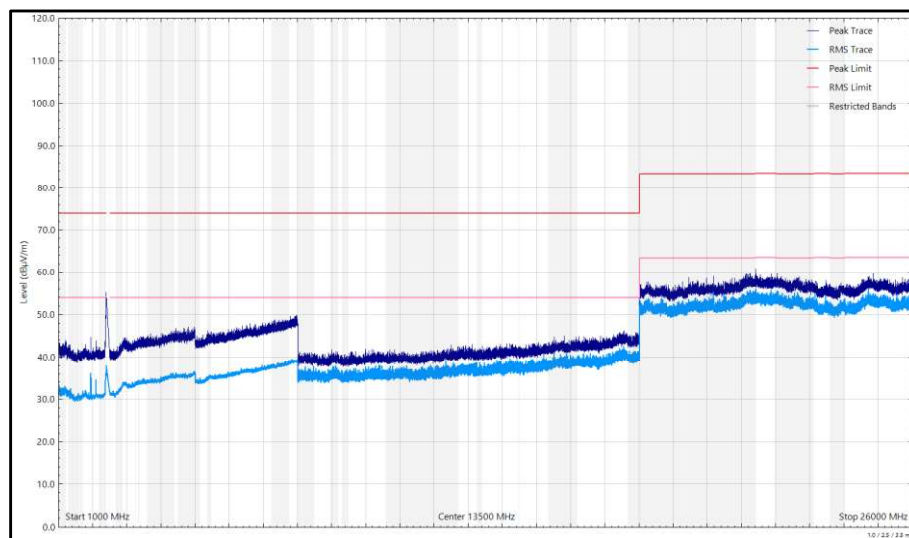


Figure 38 - Bottom_Channel_Flat_802.11g_P14, 2412 MHz, 1 GHz to 26 GHz, Horizontal

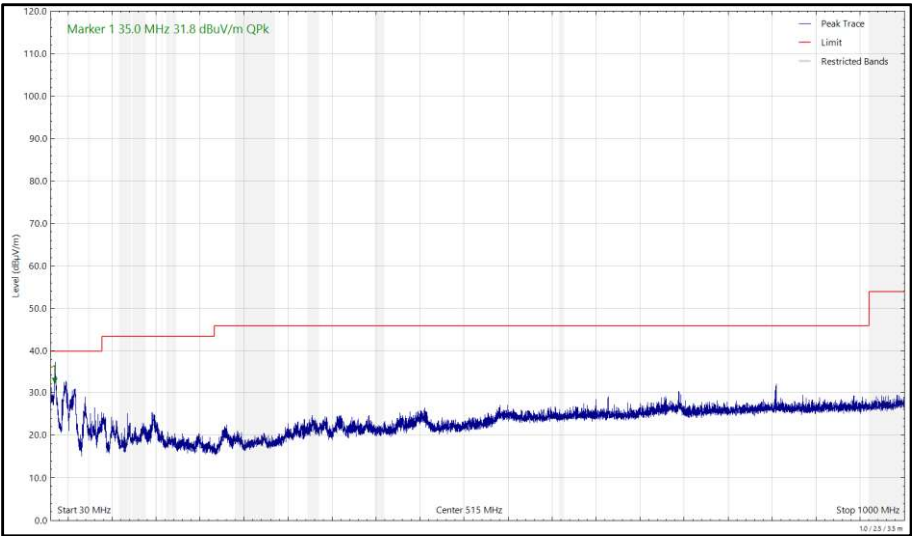


Figure 39 - Bottom_Channel_Flat_802.11g_P14, 2412 MHz, 30 MHz to 1 GHz, Vertical (Peak)

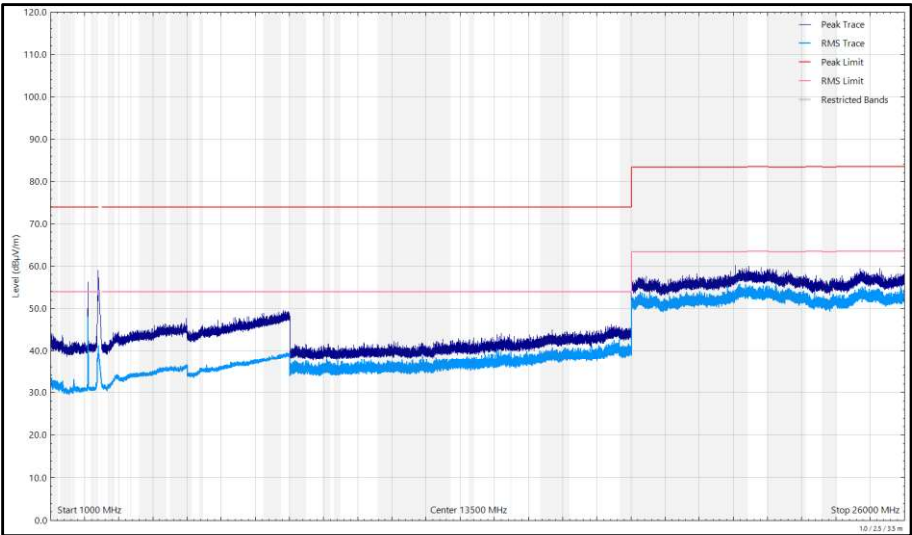


Figure 40 - Bottom_Channel_Flat_802.11g_P14, 2412 MHz, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
35.400	31.44	40.00	-8.56	Q-Peak	360	100	Vertical
36.410	33.84	40.00	-6.16	Q-Peak	309	100	Horizontal
37.539	31.56	40.00	-8.44	Q-Peak	226	100	Vertical
845.802	36.16	46.00	-9.84	Q-Peak	3	100	Horizontal

Table 29 - Bottom_Channel_UpRight_802.11g_P14, 2412 MHz, 30 MHz to 26 GHz

No other emissions found within 10 dB of the limit.

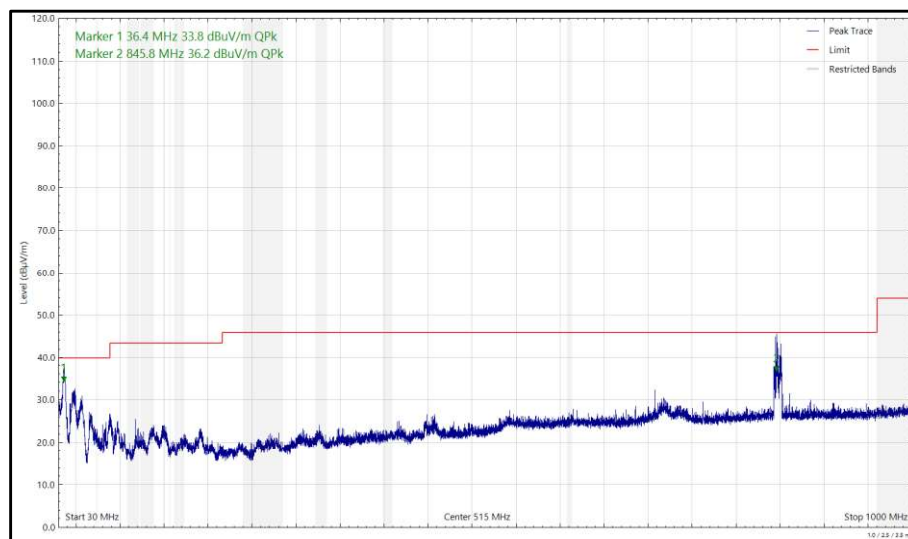


Figure 41 - Bottom_Channel_UpRight_802.11g_P14, 2412 MHz, 30 MHz to 1 GHz, Horizontal (Peak)

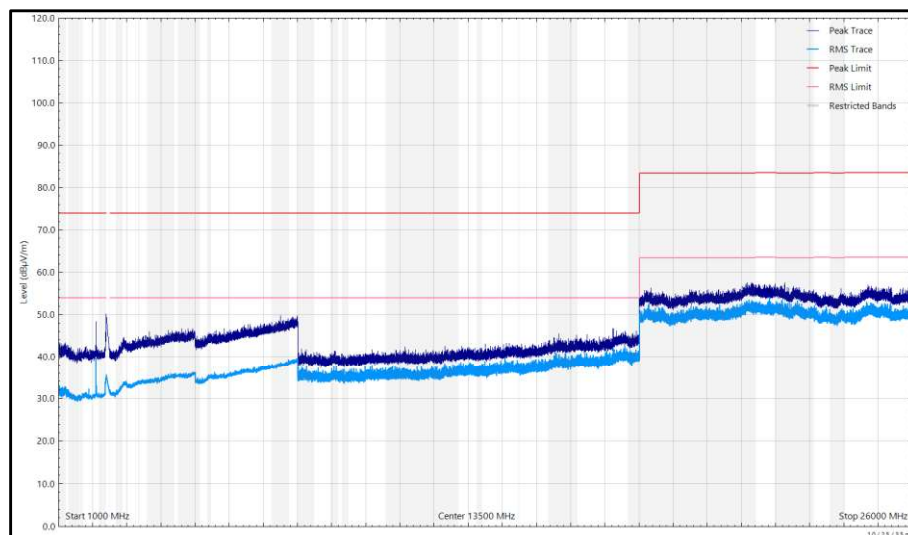


Figure 42 - Bottom_Channel_UpRight_802.11g_P14, 2412 MHz, 1 GHz to 26 GHz, Horizontal

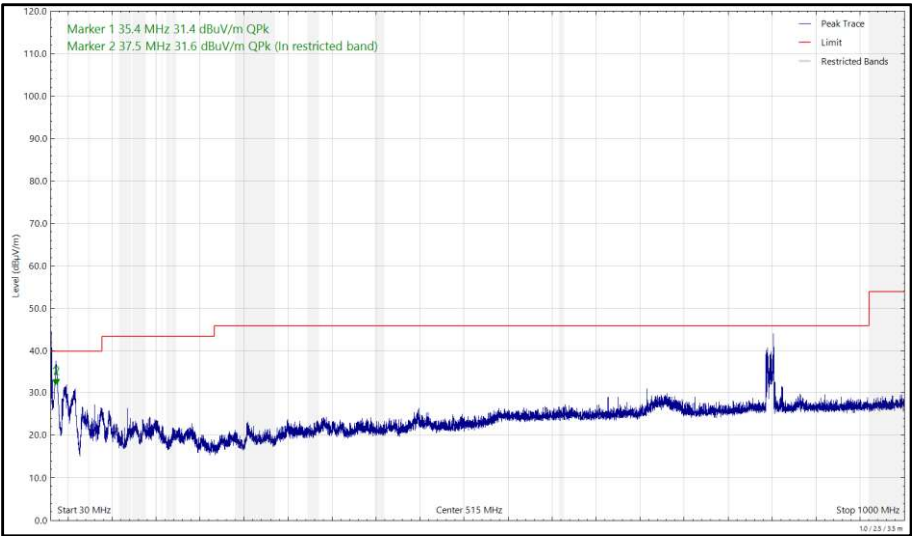


Figure 43 - Bottom_Channel_UpRight_802.11g_P14, 2412 MHz, 30 MHz to 1 GHz, Vertical (Peak)

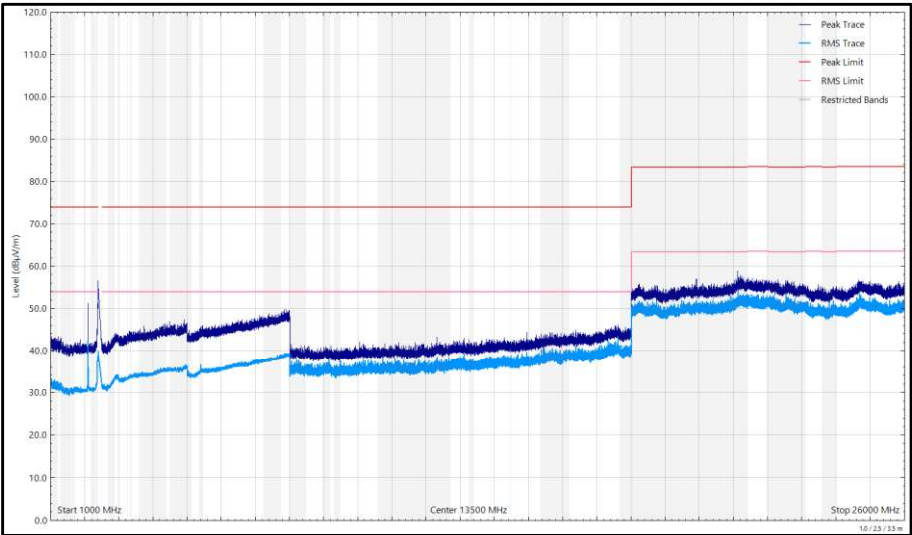


Figure 44 - Bottom_Channel_UpRight_802.11g_P14, 2412 MHz, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
34.874	32.04	40.00	-7.96	Q-Peak	276	100	Horizontal
35.137	32.49	40.00	-7.51	Q-Peak	10	100	Vertical

Table 30 - Mid_Channel_Flat_802.11b_P21, 2437 MHz, 30 MHz to 26 GHz

No other emissions found within 10 dB of the limit.

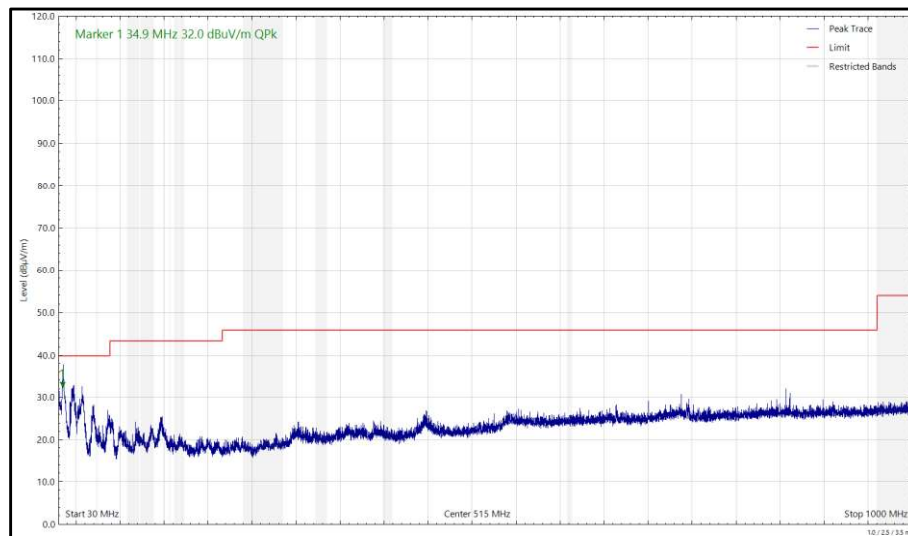


Figure 45 - Mid_Channel_Flat_802.11b_P21, 2437 MHz, 30 MHz to 1 GHz, Horizontal (Peak)

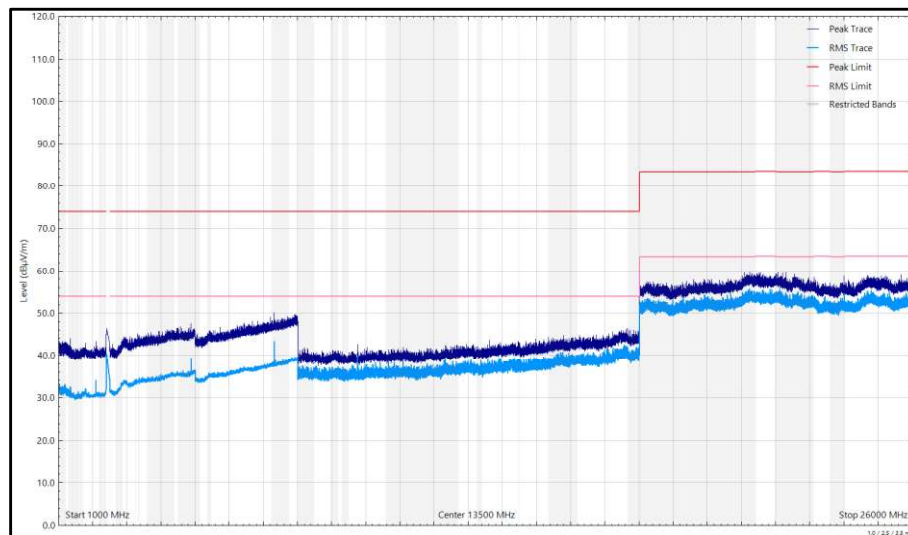


Figure 46 - Mid_Channel_Flat_802.11b_P21, 2437 MHz, 1 GHz to 26 GHz, Horizontal

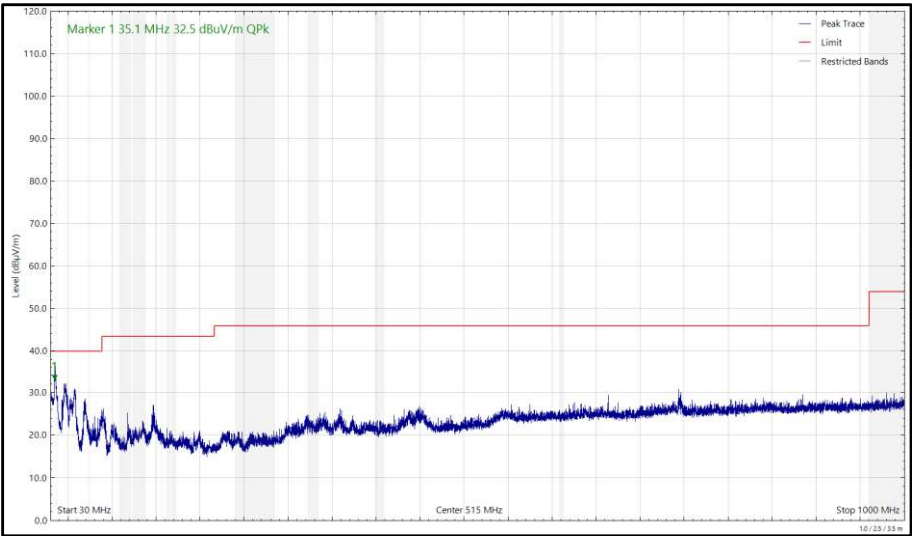


Figure 47 - Mid_Channel_Flat_802.11b_P21, 2437 MHz, 30 MHz to 1 GHz, Vertical (Peak)

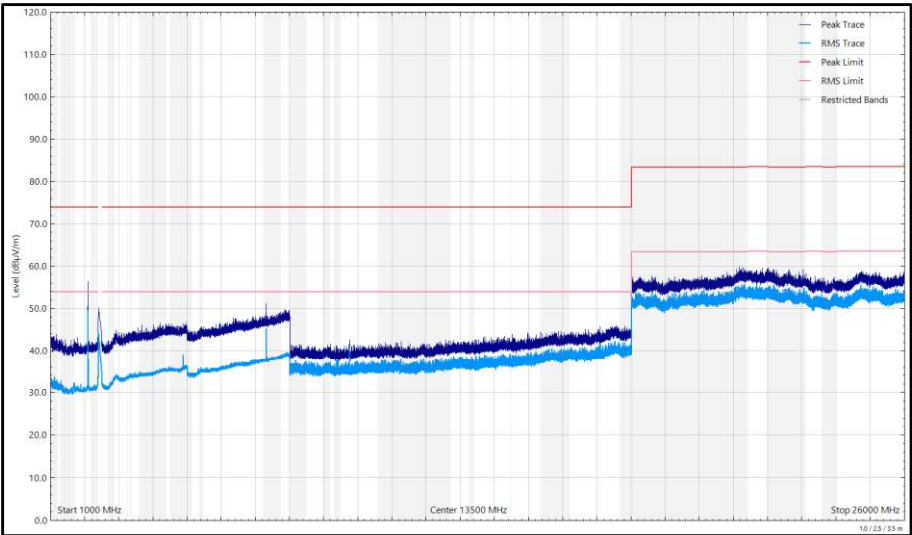


Figure 48 - Mid_Channel_Flat_802.11b_P21, 2437 MHz, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
35.833	32.69	40.00	-7.31	Q-Peak	264	100	Horizontal
35.943	33.18	40.00	-6.82	Q-Peak	234	100	Vertical

Table 31 - Mid_Channel_UpRight_802.11b_P21, 2437 MHz, 30 MHz to 26 GHz

No other emissions found within 10 dB of the limit.

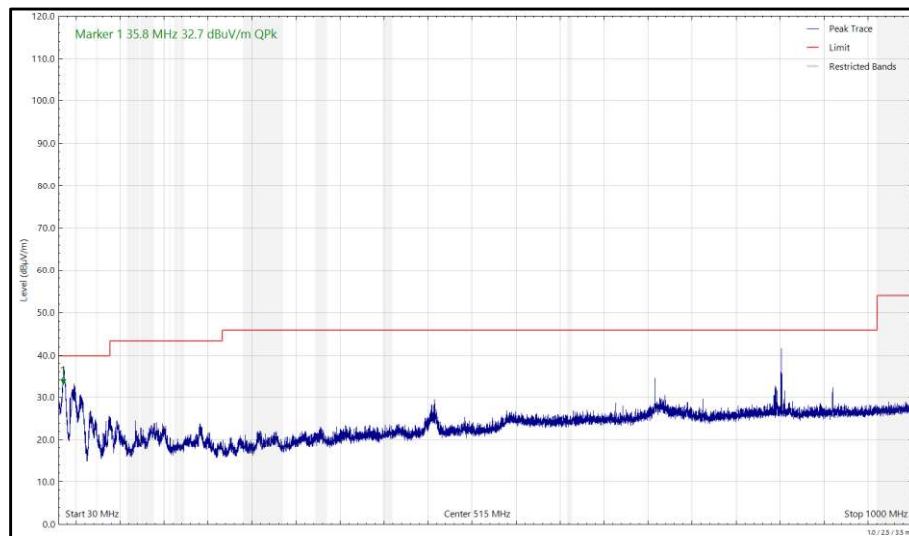


Figure 49 - Mid_Channel_UpRight_802.11b_P21, 2437 MHz, 30 MHz to 1 GHz, Horizontal (Peak)

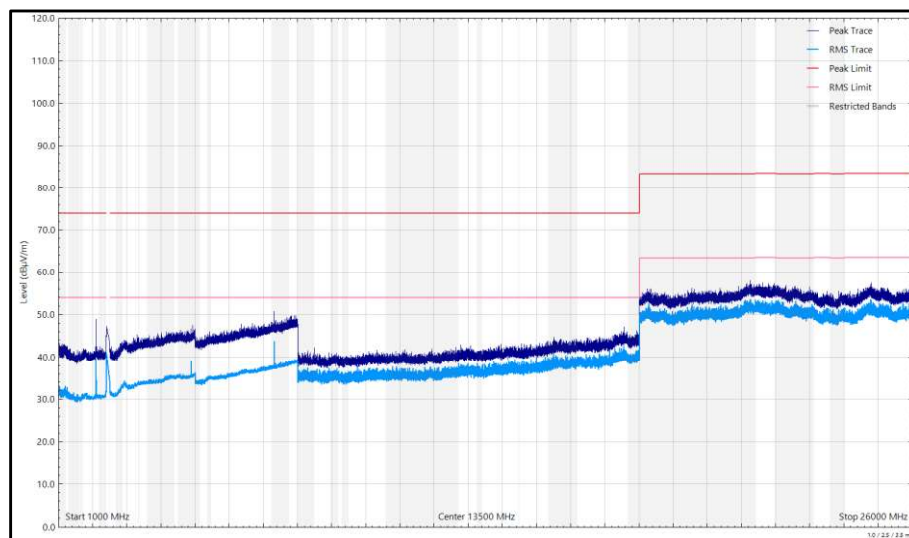


Figure 50 - Mid_Channel_UpRight_802.11b_P21, 2437 MHz, 1 GHz to 26 GHz, Horizontal

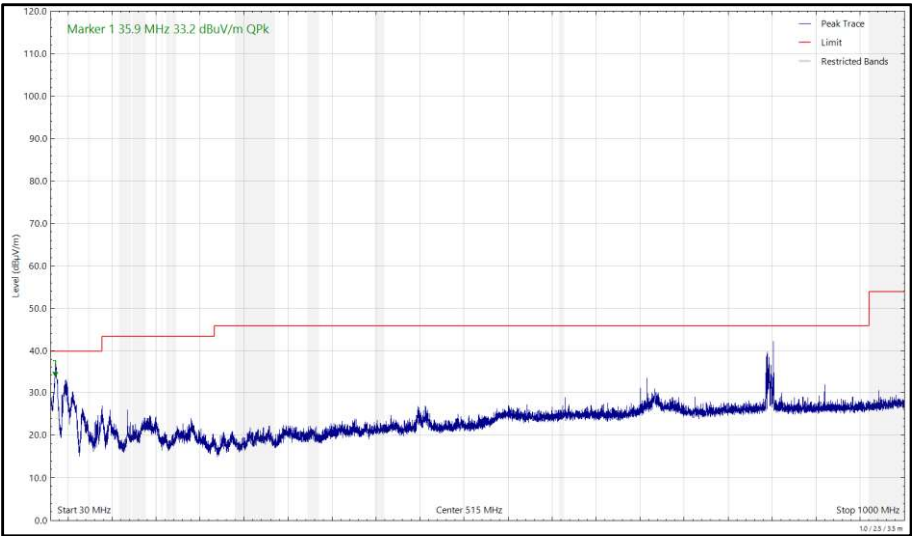


Figure 51 - Mid_Channel_UpRight_802.11b_P21, 2437 MHz, 30 MHz to 1 GHz, Vertical (Peak)

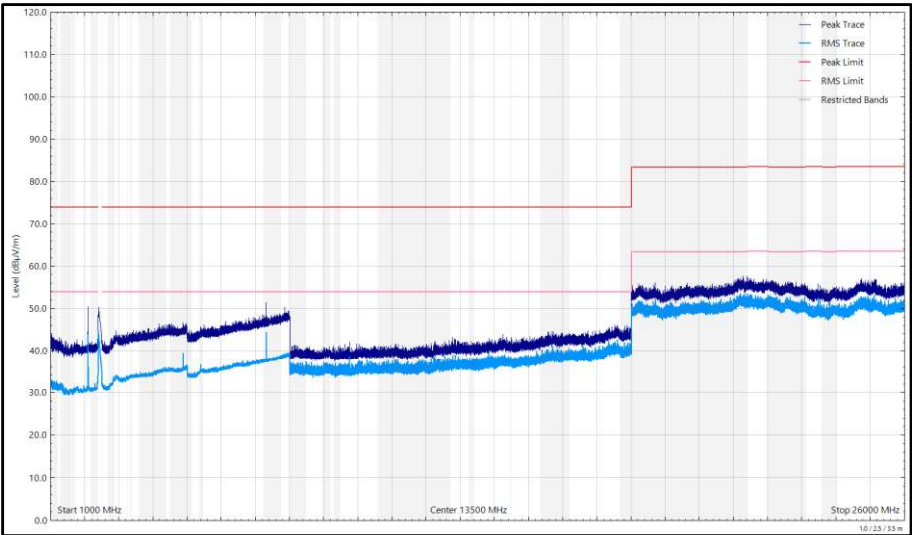


Figure 52 - Mid_Channel_UpRight_802.11b_P21, 2437 MHz, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
35.131	31.39	40.00	-8.61	Q-Peak	28	100	Vertical
35.146	31.27	40.00	-8.73	Q-Peak	89	100	Horizontal

Table 32 - Mid_Channel_Flat_802.11g_P14, 2437 MHz, 30 MHz to 26 GHz

No other emissions found within 10 dB of the limit.

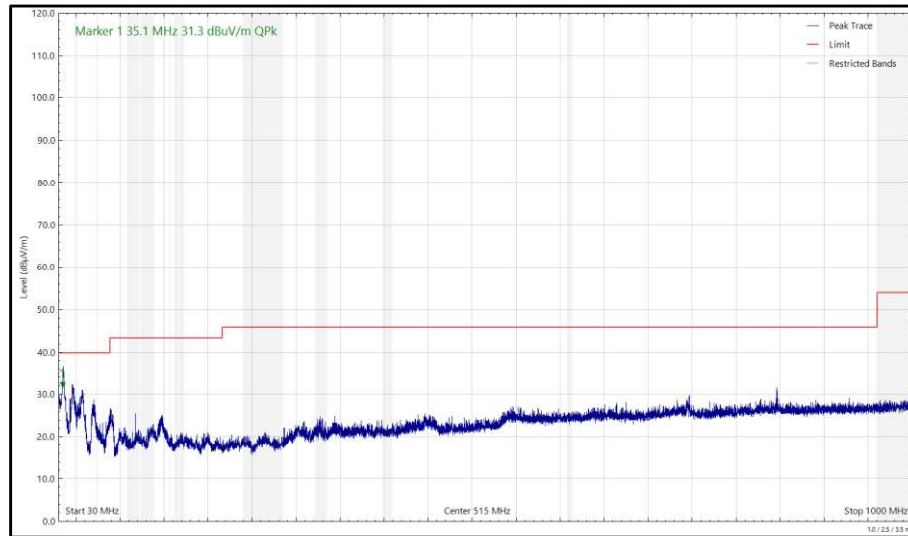


Figure 53 - Mid_Channel_Flat_802.11g_P14, 2437 MHz, 30 MHz to 1 GHz, Horizontal (Peak)

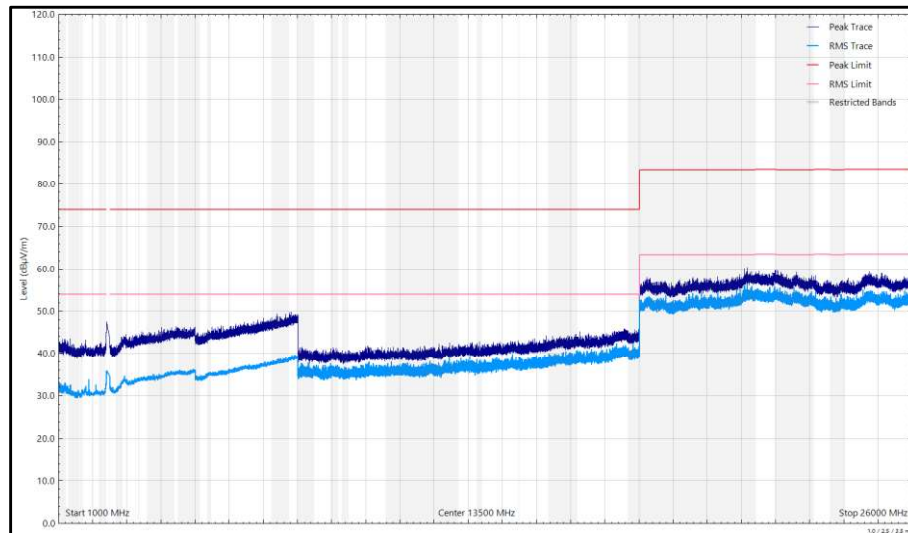


Figure 54 - Mid_Channel_Flat_802.11g_P14, 2437 MHz, 1 GHz to 26 GHz, Horizontal

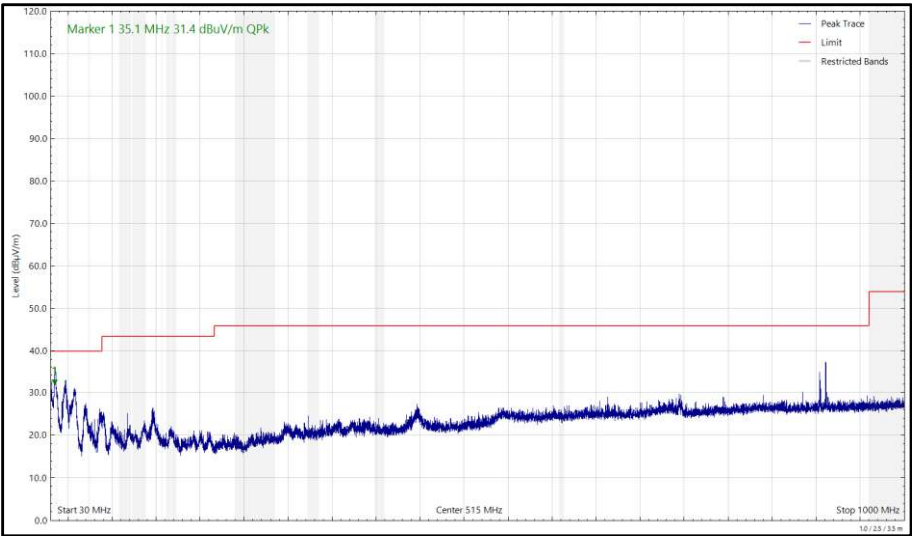


Figure 55 - Mid_Channel_Flat_802.11g_P14, 2437 MHz, 30 MHz to 1 GHz, Vertical (Peak)

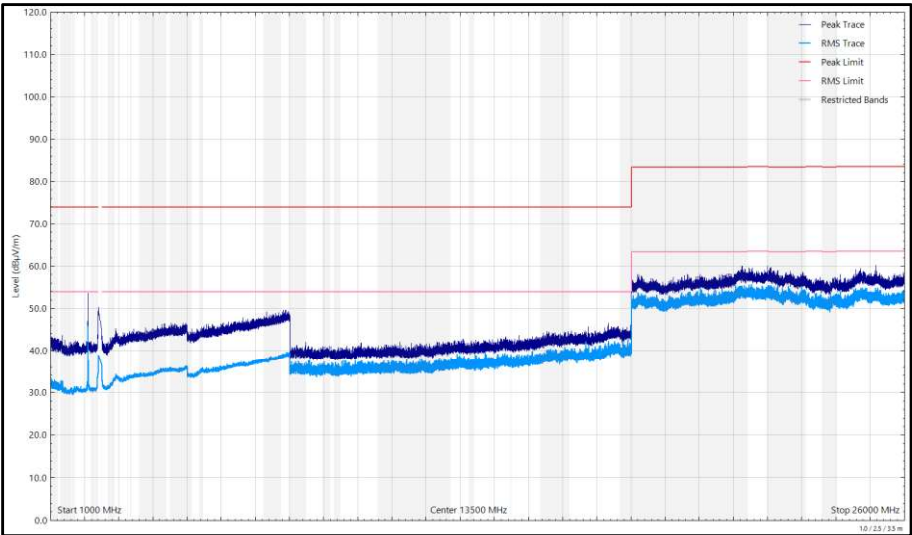


Figure 56 - Mid_Channel_Flat_802.11g_P14, 2437 MHz, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
35.347	32.20	40.00	-7.80	Q-Peak	322	100	Vertical
35.701	30.72	40.00	-9.28	Q-Peak	239	100	Horizontal

Table 33 - Mid_Channel_UpRight_802.11g_P14, 2437 MHz, 30 MHz to 26 GHz

No other emissions found within 10 dB of the limit.

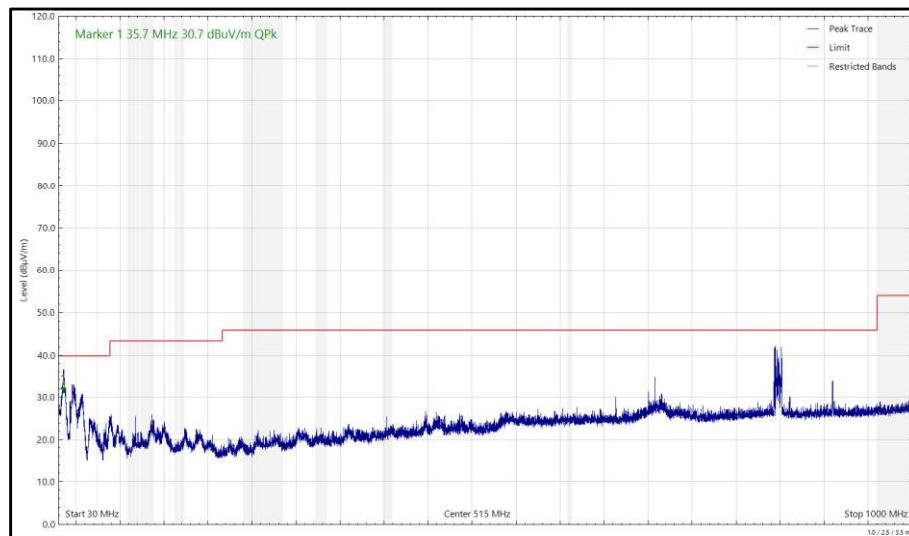


Figure 57 - Mid_Channel_UpRight_802.11g_P14, 2437 MHz, 30 MHz to 1 GHz, Horizontal (Peak)

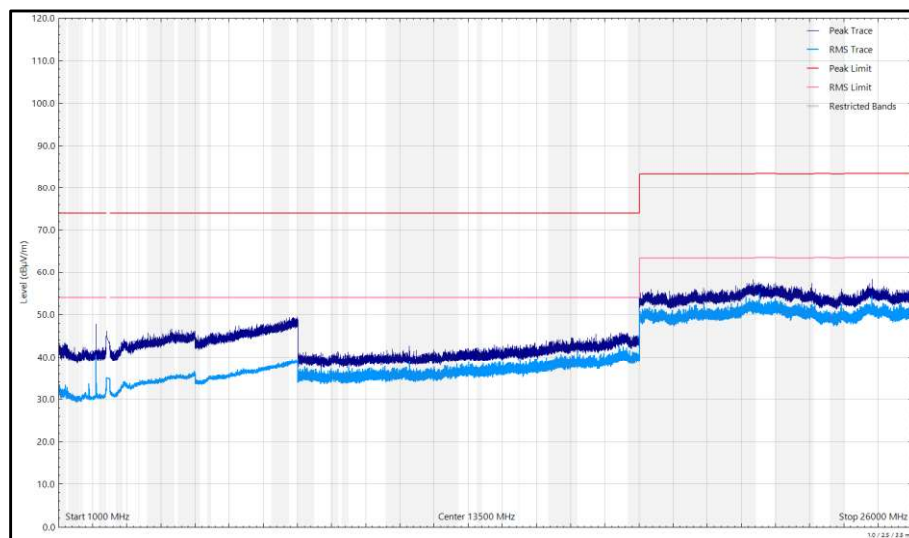


Figure 58 - Mid_Channel_UpRight_802.11g_P14, 2437 MHz, 1 GHz to 26 GHz, Horizontal

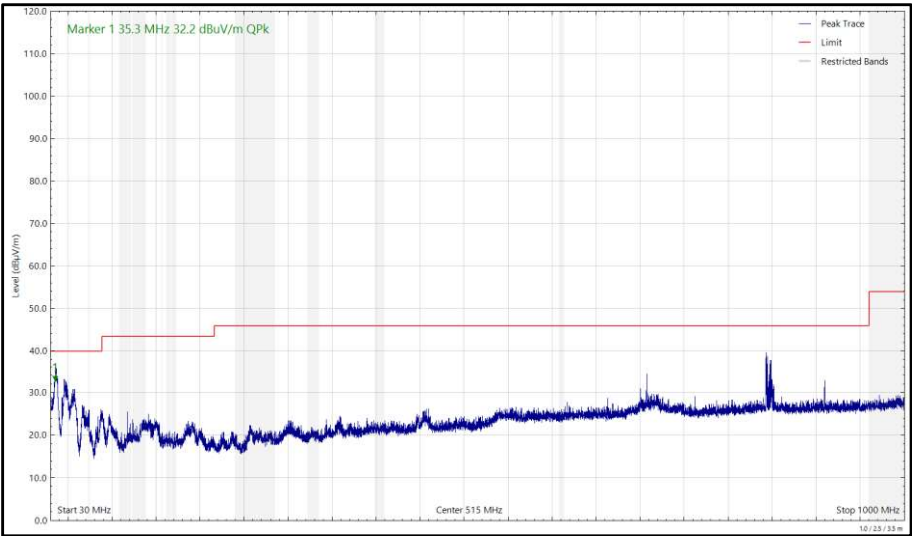


Figure 59 - Mid_Channel_UpRight_802.11g_P14, 2437 MHz, 30 MHz to 1 GHz, Vertical (Peak)

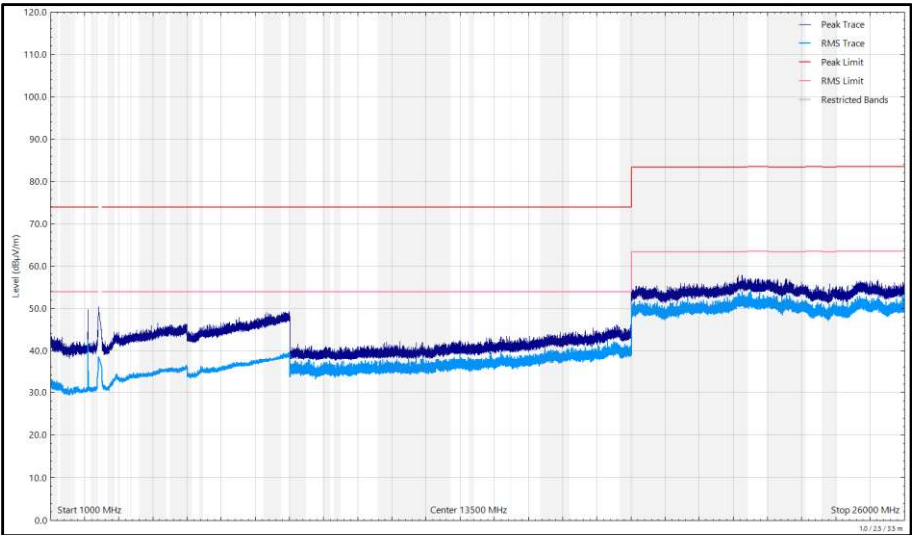


Figure 60 - Mid_Channel_UpRight_802.11g_P14, 2437 MHz, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
35.077	32.05	40.00	-7.95	Q-Peak	141	100	Vertical
35.081	32.46	40.00	-7.54	Q-Peak	4	100	Horizontal
7386.435	44.38	54.00	-9.62	CISPR Avg	122	161	Vertical

Table 34 - Top_Channel_Flat_802.11b_P21, 2462 MHz, 30 MHz to 26 GHz

No other emissions found within 10 dB of the limit.

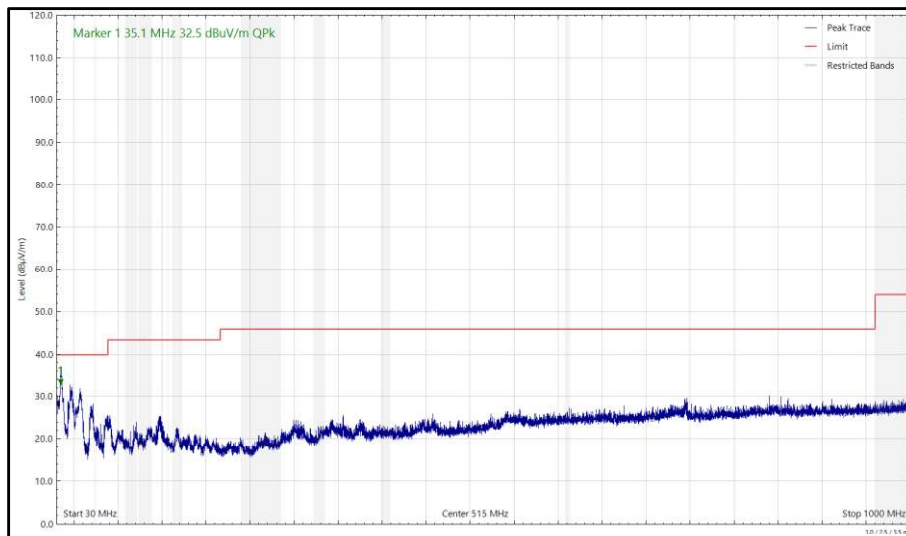


Figure 61 - Top_Channel_Flat_802.11b_P21, 2462 MHz, 30 MHz to 1 GHz, Horizontal (Peak)

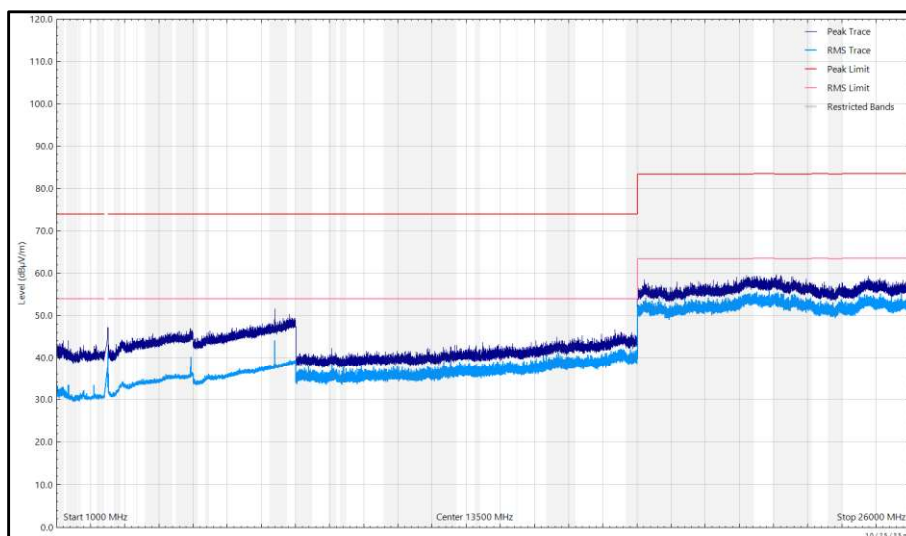


Figure 62 - Top_Channel_Flat_802.11b_P21, 2462 MHz, 1 GHz to 26 GHz, Horizontal

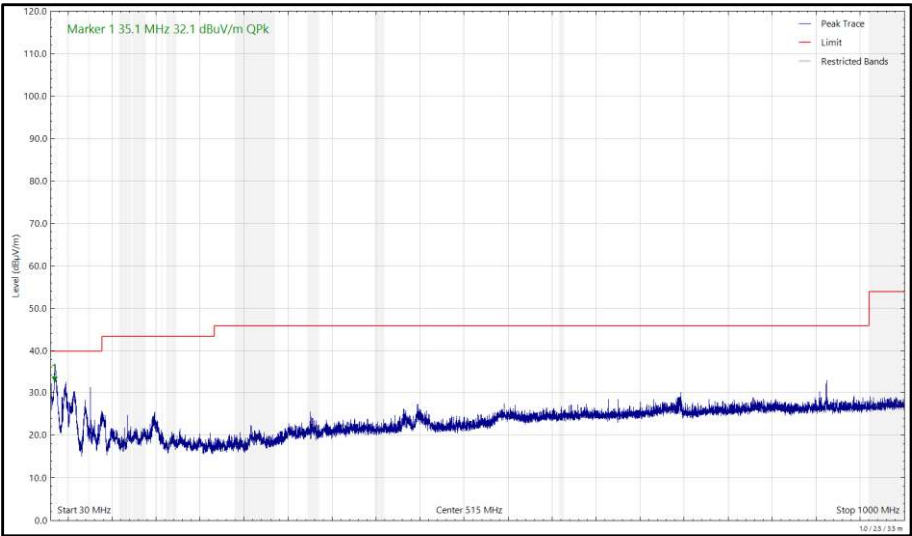


Figure 63 - Top_Channel_Flat_802.11b_P21, 2462 MHz, 30 MHz to 1 GHz, Vertical (Peak)

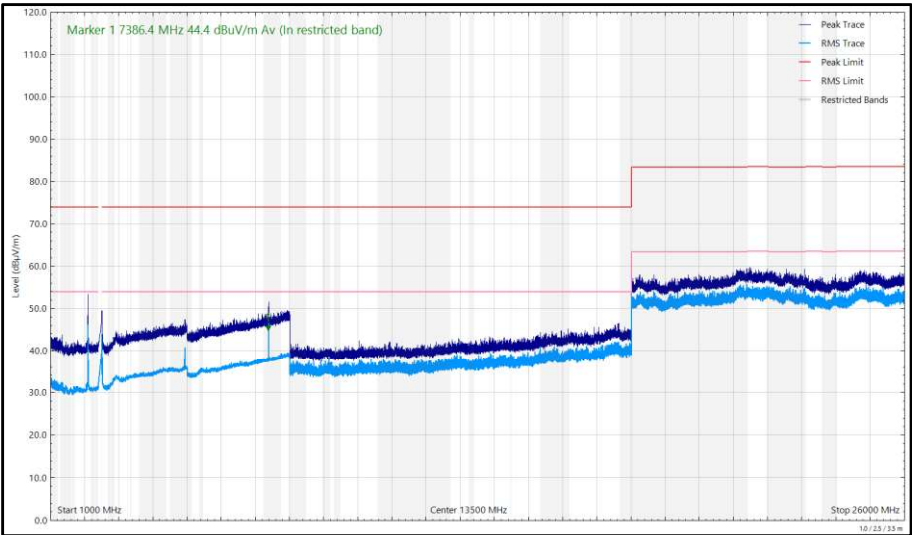


Figure 64 - Top_Channel_Flat_802.11b_P21, 2462 MHz, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
35.995	32.44	40.00	-7.56	Q-Peak	277	100	Horizontal
36.071	30.34	40.00	-9.66	Q-Peak	275	100	Vertical
2495.880	45.32	54.00	-8.68	CISPR Avg	324	107	Vertical

Table 35 - Top_Channel_UpRight_802.11b_P21, 2462 MHz, 30 MHz to 26 GHz

No other emissions found within 10 dB of the limit.

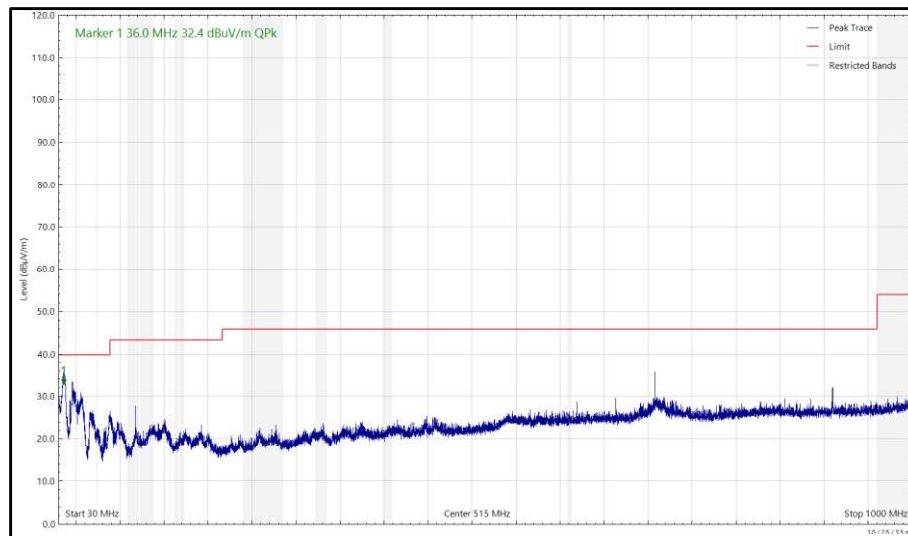


Figure 65 - Top_Channel_UpRight_802.11b_P21, 2462 MHz, 30 MHz to 1 GHz, Horizontal (Peak)

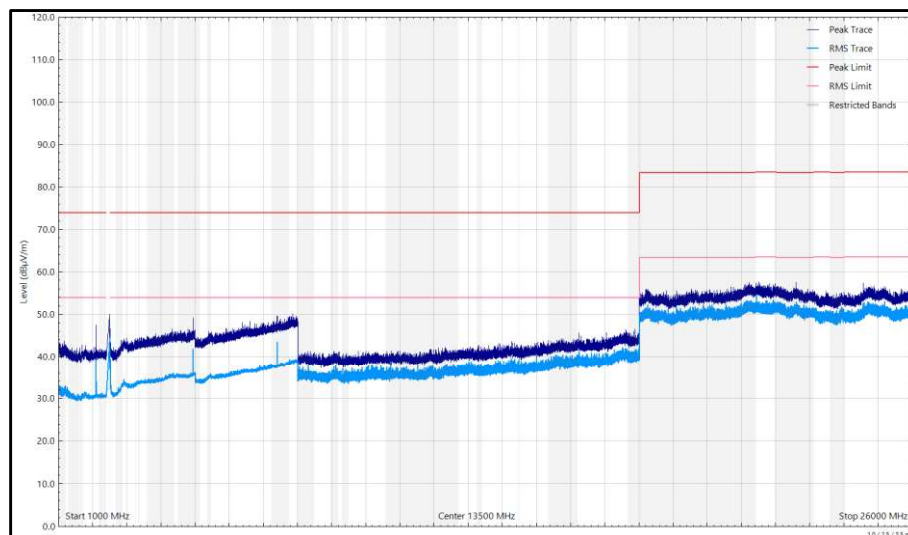


Figure 66 - Top_Channel_UpRight_802.11b_P21, 2462 MHz, 1 GHz to 26 GHz, Horizontal

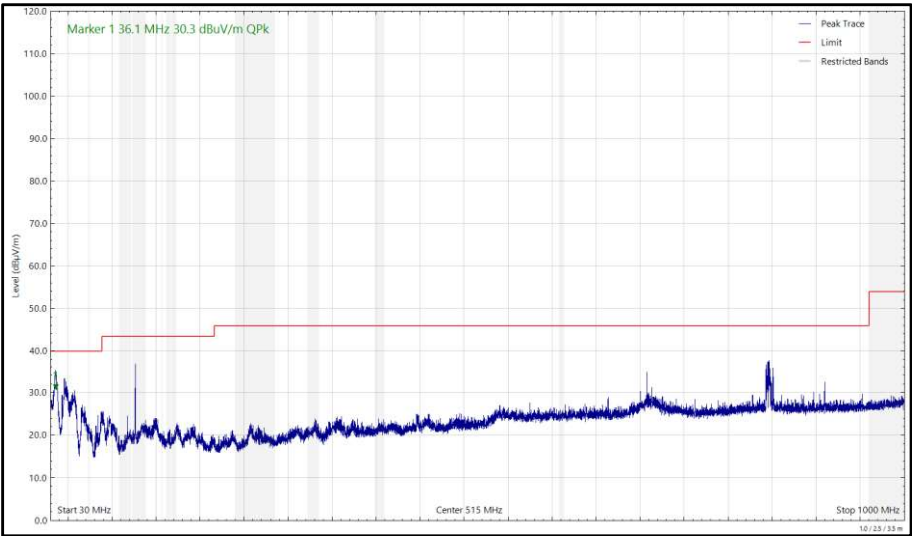


Figure 67 - Top_Channel_UpRight_802.11b_P21, 2462 MHz, 30 MHz to 1 GHz, Vertical (Peak)

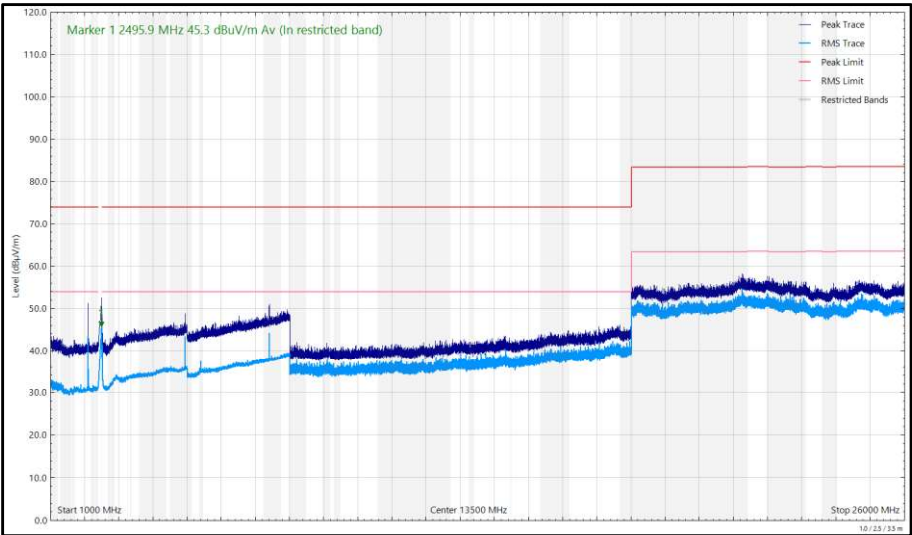


Figure 68 - Top_Channel_UpRight_802.11b_P21, 2462 MHz, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
35.003	32.02	40.00	-7.98	Q-Peak	1	100	Vertical
35.014	31.44	40.00	-8.56	Q-Peak	78	100	Horizontal

Table 36 - Top_Channel_Flat_802.11g_P14, 2462 MHz, 30 MHz to 26 GHz

No other emissions found within 10 dB of the limit.

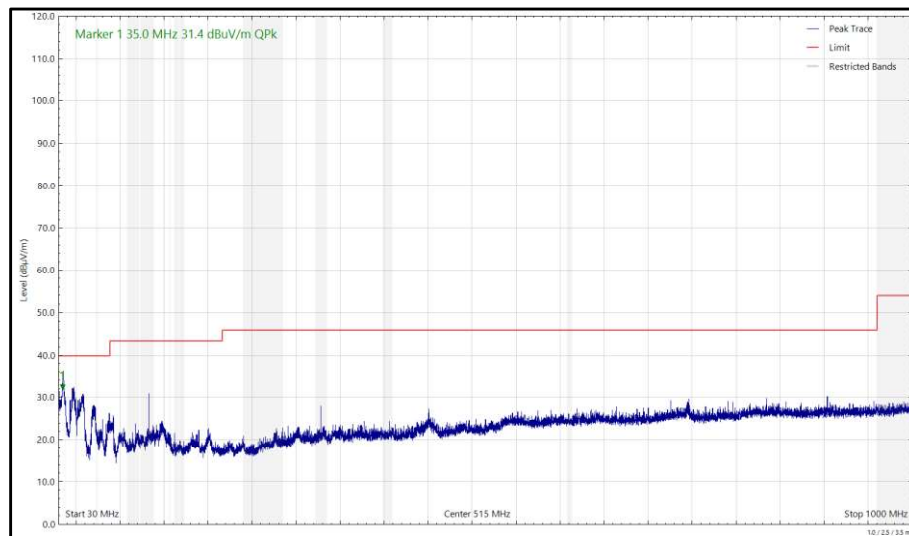


Figure 69 - Top_Channel_Flat_802.11g_P14, 2462 MHz, 30 MHz to 1 GHz, Horizontal (Peak)

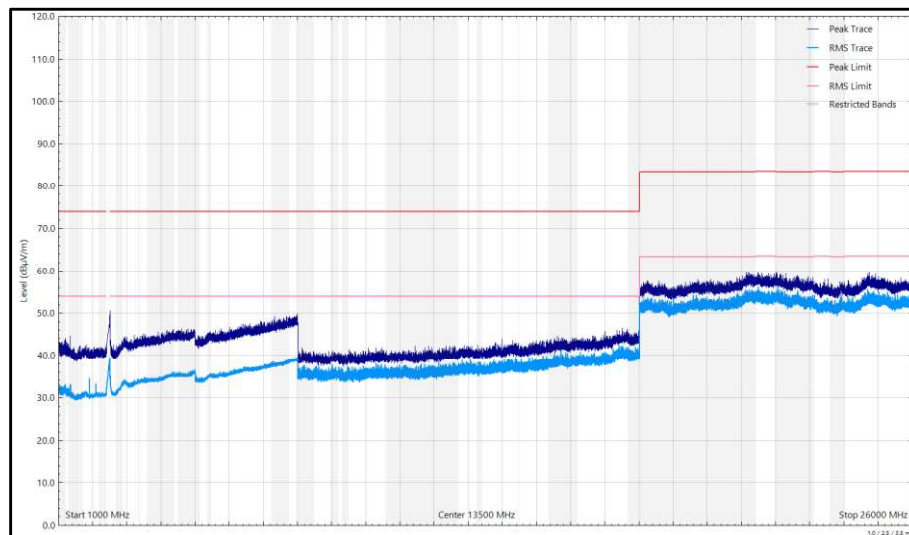


Figure 70 - Top_Channel_Flat_802.11g_P14, 2462 MHz, 1 GHz to 26 GHz, Horizontal

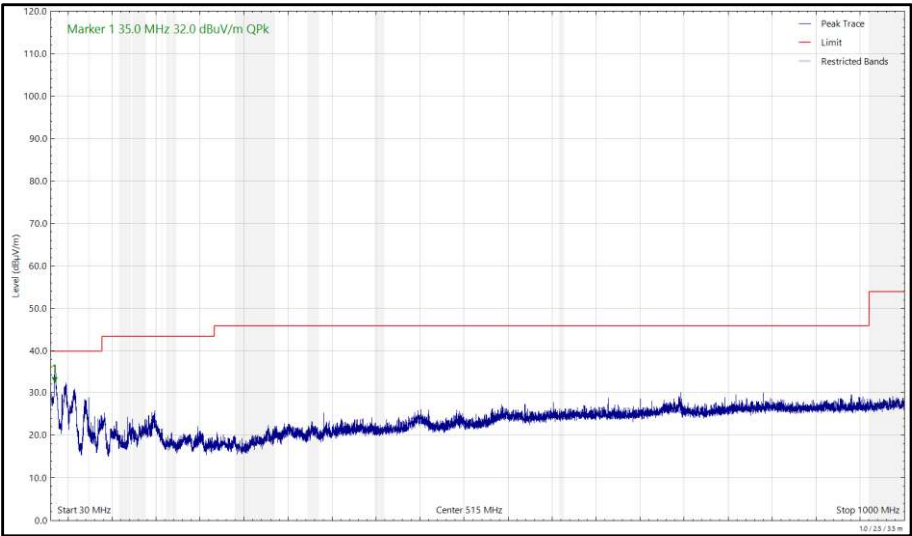


Figure 71 - Top_Channel_Flat_802.11g_P14, 2462 MHz, 30 MHz to 1 GHz, Vertical (Peak)

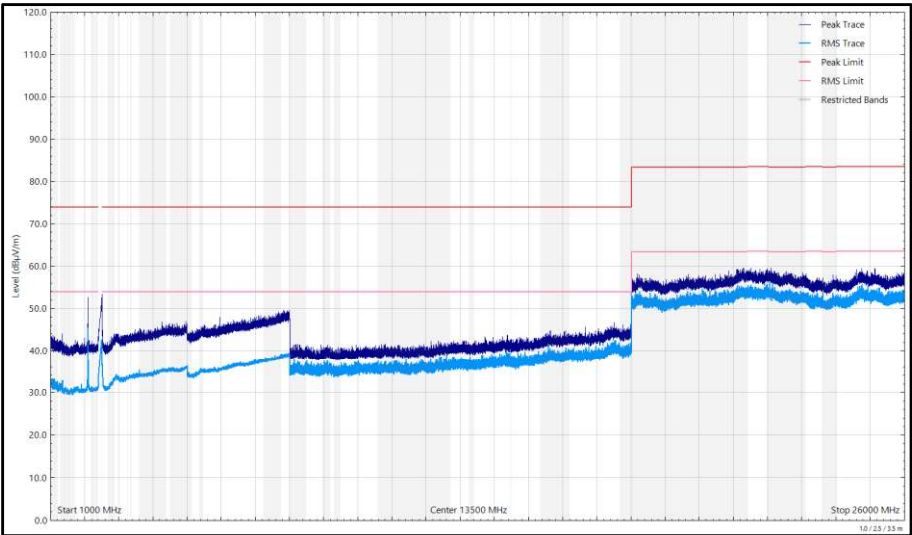


Figure 72 - Top_Channel_Flat_802.11g_P14, 2462 MHz, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
35.421	31.93	40.00	-8.07	Q-Peak	327	100	Vertical
35.783	33.35	40.00	-6.65	Q-Peak	281	100	Horizontal

Table 37 - Top_Channel_UpRight_802.11g_P14, 2462 MHz, 30 MHz to 26 GHz

No other emissions found within 10 dB of the limit.

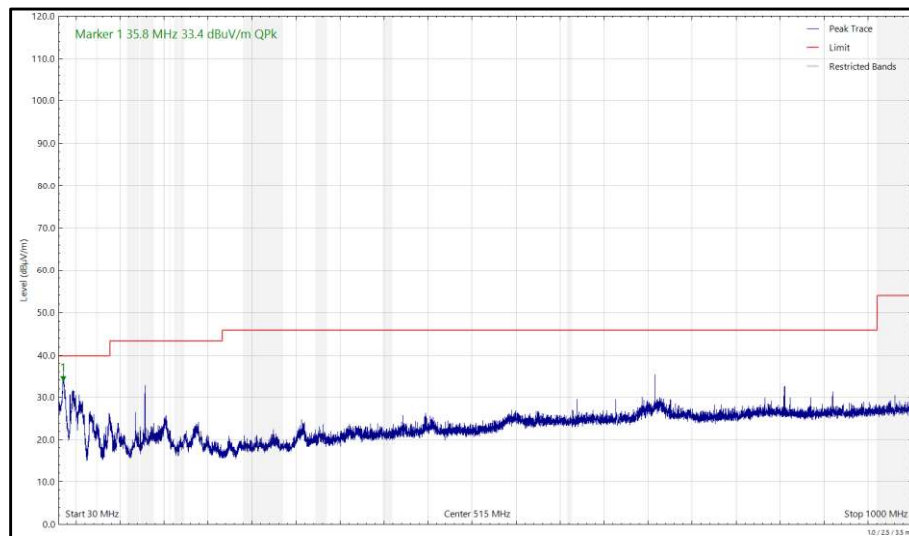


Figure 73 - Top_Channel_UpRight_802.11g_P14, 2462 MHz, 30 MHz to 1 GHz, Horizontal (Peak)

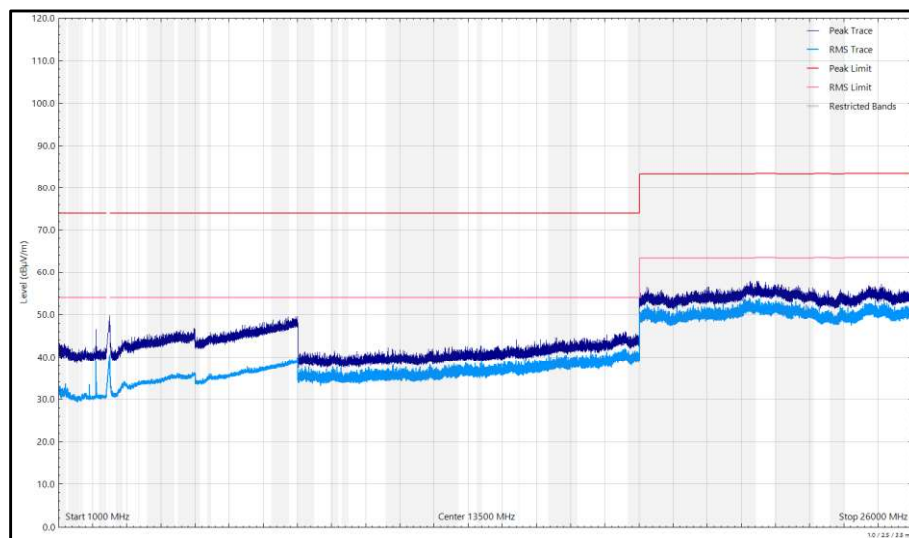


Figure 74 - Top_Channel_UpRight_802.11g_P14, 2462 MHz, 1 GHz to 26 GHz, Horizontal

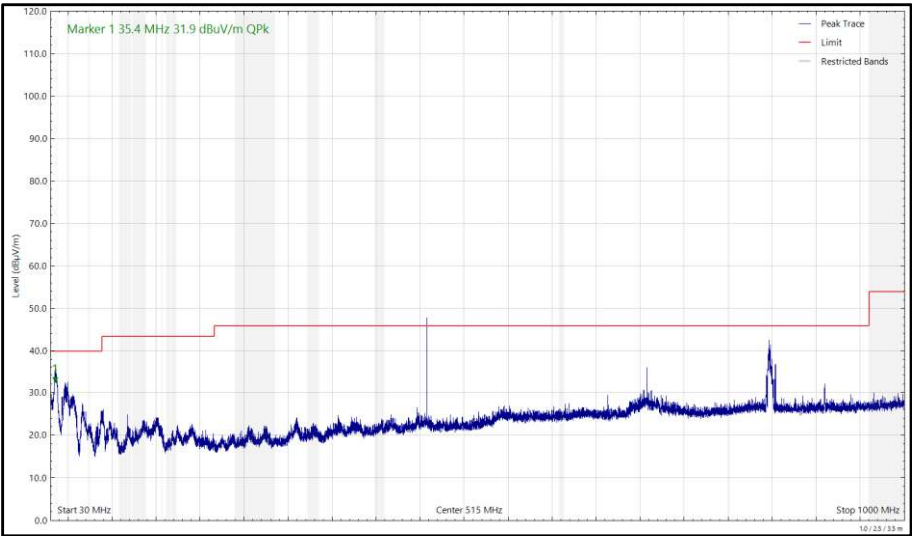


Figure 75 - Top_Channel_UpRight_802.11g_P14, 2462 MHz, 30 MHz to 1 GHz, Vertical (Peak)

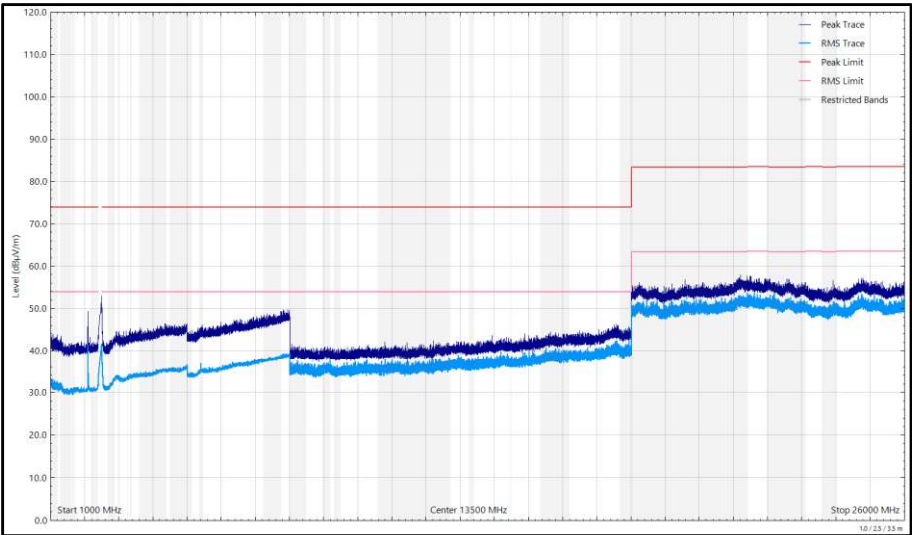


Figure 76 - Top_Channel_UpRight_802.11g_P14, 2462 MHz, 1 GHz to 26 GHz, Vertical

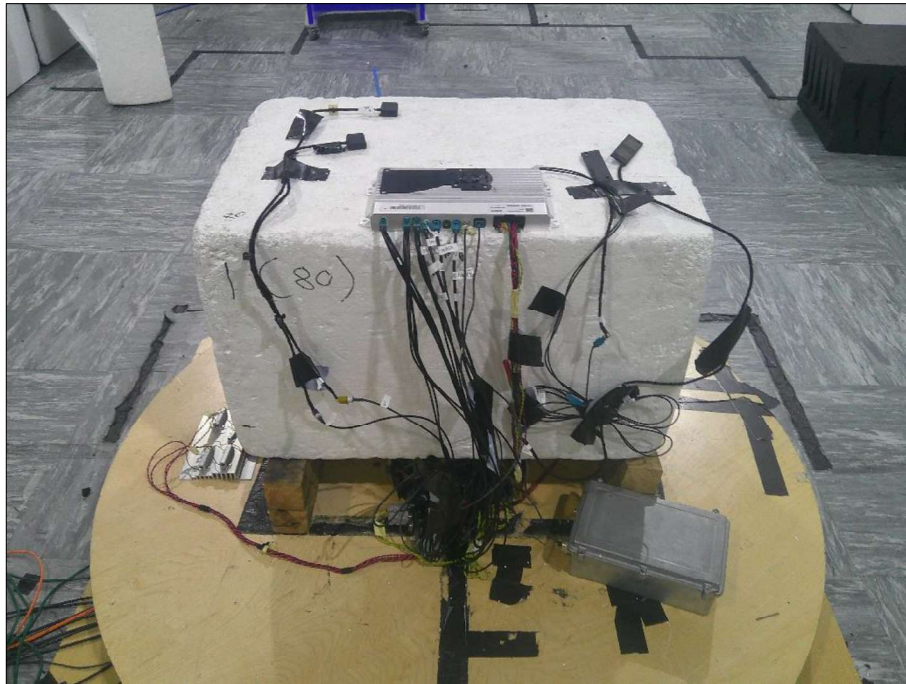


Figure 77 - Test Setup - Flat plane Orientation

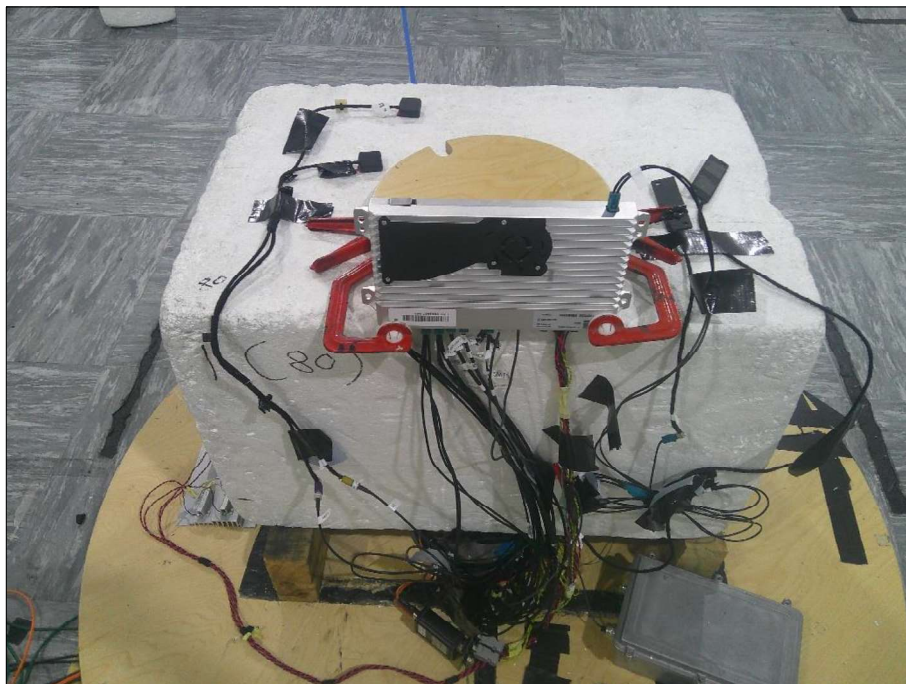


Figure 78 - Test Setup - Upright plane Orientation

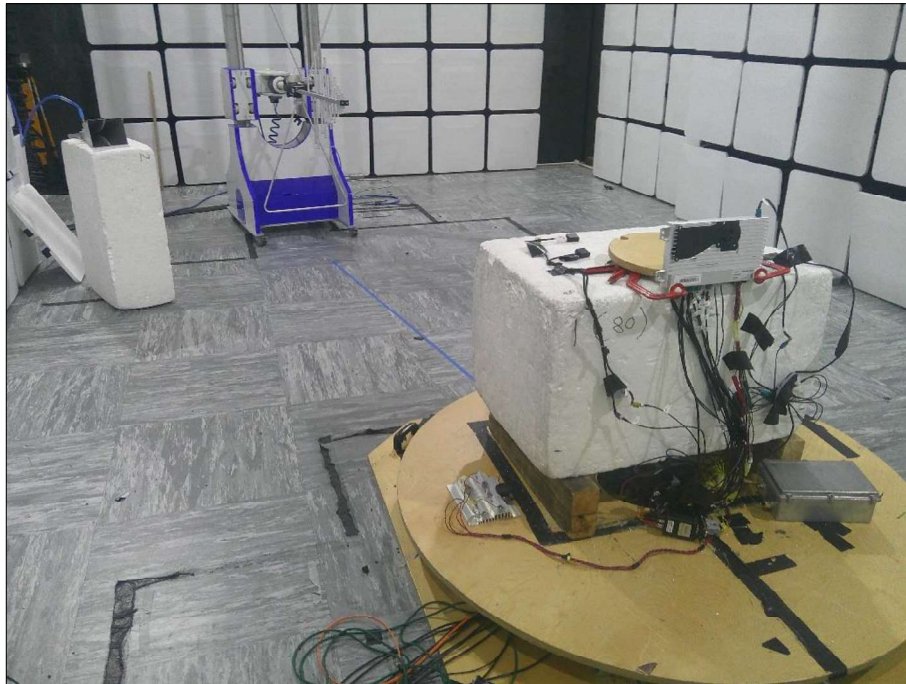


Figure 79 - Test Setup - 30 MHz to 1 GHz

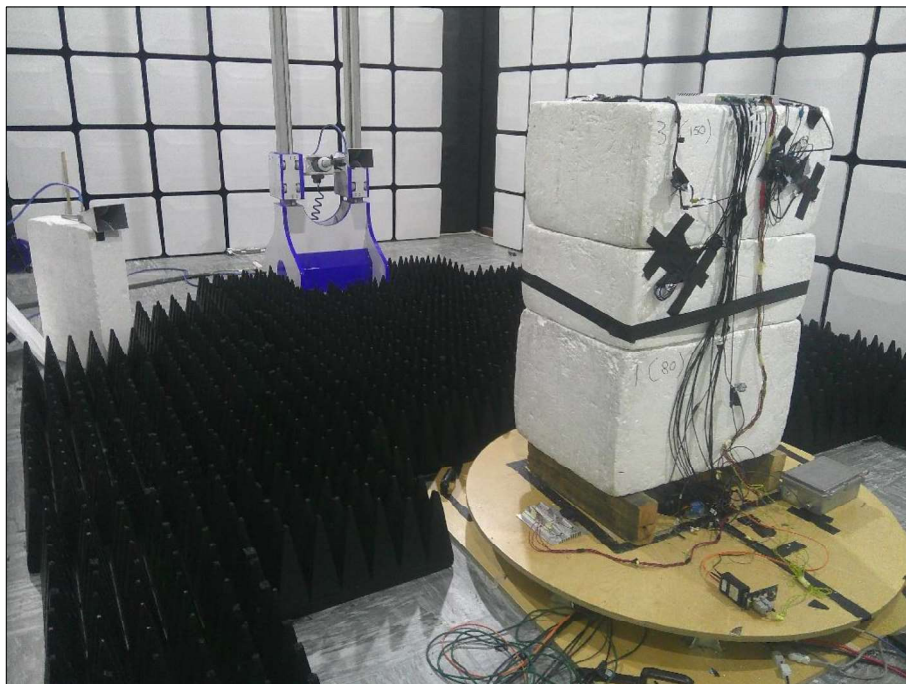


Figure 80 - Test Setup - 1 GHz to 18 GHz

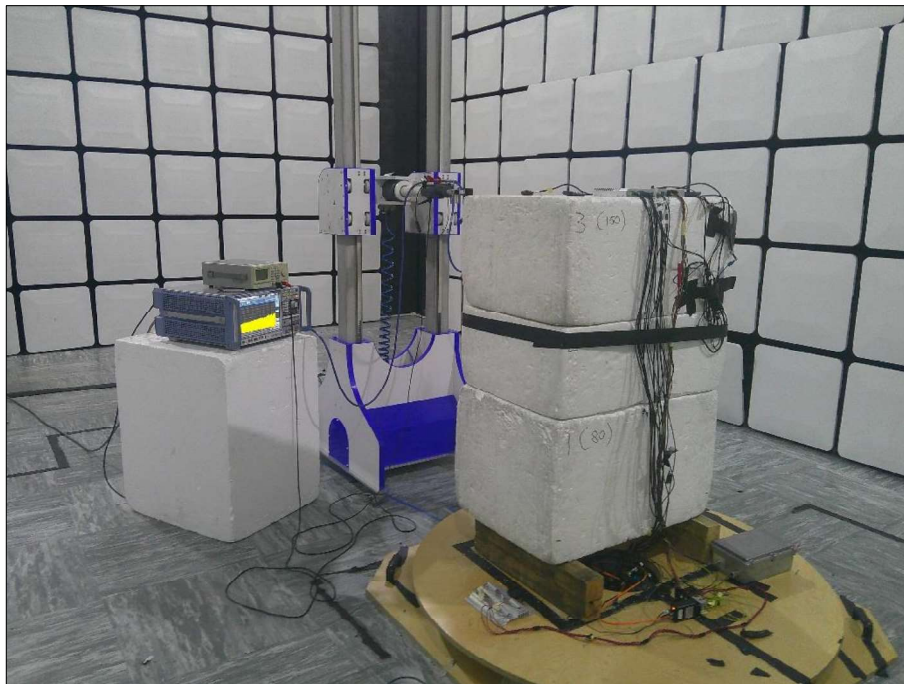


Figure 81 - Test Setup - 18 GHz to 26 GHz

FCC 47 CFR Part 15, Limit Clause 15.247 (d)

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

Attenuation below the general limits specified in § 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in 15.209(a)

ISED RSS-247, Limit Clause 5.5

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under Section 5.4(4), the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general field strength limits specified in RSS-Gen is not required.

In addition, radiated emissions which fall in the restricted bands, as defined in RSS-GEN, clause 8.10, must also comply with the radiated emission limits specified in RSS-GEN clause 8.9.



2.6.8 Test Location and Test Equipment Used

This test was carried out in RF Chamber 11.

Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Expires
Antenna (DRG, 18 GHz to 40 GHz)	Link Microtek Ltd	AM180HA-K-TU2	230	24	08-Oct-2026
Pre-Amplifier (18 GHz to 40 GHz)	Narda	NARDA DB02-0447	237	12	30-Apr-2026
Antenna (Bilog with attenuator, 30 MHz to 3 GHz)	Schaffner	CBL6143	287	24	29-Aug-2026
True RMS Multimeter	Fluke	79 Series III	411	12	09-Jan-2026
Pre-Amplifier (18 GHz to 40 GHz)	Phase One	PSO4-0087	1534	12	20-Oct-2026
Programmable Power Supply	Iso-tech	IPS 2010	2437	-	O/P Mon
Hygrometer	Rotronic	I-1000	3220	12	02-Dec-2025
Antenna (DRG, 1 GHz to 10.5 GHz)	Schwarzbeck	BBHA9120B	4848	12	05-Jul-2026
Band Reject Filter - 2.425 GHz	Wainwright	WRCGV14-2390-2400-2450-2460-50SS	5067	12	14-Nov-2025
Band Reject Filter - 2.4585 GHz	Wainwright	WRCGV14-2423.5-2433.5-2483.5-2493.5-50SS	5069	12	07-Nov-2025
Emissions Software	TUV SUD	EmX V3.5.5	5125	-	Software
3m Semi-Anechoic Chamber	Rainford	RF Chamber 11	5136	36	14-Nov-2027
Mast	Maturo	TAM 4.0-P	5158	-	TU
Turntable	Maturo	TT 15WF	5160	-	TU
Antenna (DRG, 1 GHz to 10.5 GHz)	Schwarzbeck	BBHA9120B	5215	12	05-Jul-2026
Antenna (DRG, 7.5 GHz to 18 GHz)	Schwarzbeck	HWRD750	5216	12	12-Jul-2026
Cable 2.92m	Junkosha	MWX241-01000KMS	5413	12	23-May-2026
Signal Analyzer	Keysight Technologies	PXA N9030B	5432	12	19-Aug-2026
Pre-Amplifier (1 GHz to 26.5 GHz)	Agilent Technologies	8449B	5445	12	10-Jul-2026
Coupler	Amp Research	DC2035A	5447	12	21-Dec-2025
EMI Test Receiver	Rohde & Schwarz	ESW44	5527	12	14-Aug-2026
7 GHz High pass Filter	Wainwright	WHKX12-5850-6800-18000-80SS	5549	12	31-Aug-2026
7 GHz High pass Filter	Wainwright	WHKX12-5850-6800-18000-80SS	5550	12	30-May-2026



Instrument	Manufacturer	Type No	TE No	Calibration Period (months)	Calibration Expires
Pre-Amplifier (8 GHz to 18 GHz)	Wright Technologies	APS06-0061	5595	12	28-Oct-2025
Tilt Antenna Mast	Maturo Gmbh	TAM 4.0-P	5613	-	TU
3m Semi-Anechoic Chamber	MVG	EMC Chamber 12	5621	36	07-Aug-2026
Test Receiver	Rohde & Schwarz	ESW44	5802	12	25-Oct-2025
Cable (K-Type to K-Type, 2 m)	Junkosha	MWX241-02000KMSKMS/B	5934	12	12-Jun-2026
2m Coaxial Cable Assy	Junkosha	MWX221-02000AMSAMS/A	6360	12	13-May-2026
Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9168	6635	24	25-Jul-2027
1m SMA Cable	Junkosha	MWX221-01000AMSAMS/B	6919	12	08-Dec-2025
Cable (2.92 mm(f)-N(m), 2 m)	Junkosha	MWX241-02000KFSNMS/B	6965	6	14-Feb-2026
Cable Assy 8m (N to N) 18GHz	Junkosha	MWX221-08000NMSNMS/B	7049	12	01-Jun-2026
Cable (N-Type to N-Type, 8 m)	Junkosha	MWX221-08000NMSNMS/B	7054	12	01-Jun-2026

Table 38

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

3 Measurement Uncertainty

For a 95% confidence level, the measurement uncertainties for defined systems are:

Test Name	Measurement Uncertainty
Restricted Band Edges	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Authorised Band Edges	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Maximum Conducted Output Power	± 1.38 dB
Power Spectral Density	± 1.49 dB
Emission Bandwidth	± 279.05 kHz
Spurious Radiated Emissions	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB

Table 39

Measurement Uncertainty Decision Rule

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115:2021, Clause 4.4.3 (Procedure 2). The measurement results are directly compared with the test limit to determine conformance with the requirements of the standard.

Risk: The uncertainty of measurement about the measured result is negligible with regard to the final pass/fail decision. The measurement result can be directly compared with the test limit to determine conformance with the requirement (compare IEC Guide 115). The level of risk to falsely accept and falsely reject items is further described in ILAC-G8.