



**COMPLIANCE
ENGINEERING**

EMC Product Safety Environmental Shielding

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EMC Compliance Test Report

CFR 47, Chapter 1, Subpart A,
Part 15, Subpart B (Class A limits)

Report Number: CE3751

May 2023



NeoProducts Pty Ltd
Betline SST Cash Kiosk
Model No: 15302-GA00x

The results detailed in this test report relate only to the specific sample/s tested. It is the Manufacturer's responsibility to ensure that all production units are manufactured with equivalent EMC characteristics. This report is not to be reproduced except in full, without written approval from Compliance Engineering Pty



COMPLIANCE CERTIFICATE

Client Details: Lex Dickson
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Email: Lex.dickson@neoproductsgroup.com

Device: Betline SST Cash Kiosk

Model No: 15302-GA00x

Serial No: 15302-GA001-0002
(FCC ID# 2A3TL-15302)


Reference Standard: CFR 47 - Telecommunication
Chapter I - Federal Communications Commission
Subchapter A - General
Part 15 - Radio Frequency Devices
Subpart B Unintentional Radiators

Test Method: ANSI C63.4-2014:
American National Standard for Methods of Measurement of Radio-Noise
Emissions from Low-Voltage Electrical and Electronic Equipment in the range
of 9 kHz to 40 GHz.

Test Date: 17th – 18th April 2023

Tests Performed by: Mohamed Elmi
Compliance Engineering Pty Ltd
90 Indian Drive,
Keysborough, Victoria, Australia 3173.
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The **Betline SST Cash Kiosk (15302-GA00x)** complies with the conducted and radiated RF emission requirements detailed in CFR 47, Chapter 1, Subpart A, Part 15, Subpart B (class A limits)

		5 th May 2023
Prepared: Mohamed Elmi Test Engineer Compliance Engineering Pty Ltd	Approved: Andrew Burden Technical Manager Compliance Engineering Pty Ltd	Date

Revision History			
Revision	Issue Date	Remarks	Revised by
0	05-05-2023	Initial release	-

EMC Compliance Test Report

1. INTRODUCTION

Electromagnetic compatibility (EMC) measurements were performed on the Betline SST Cash Kiosk (15302-GA00x), in accordance with the requirements detailed in CFR 47, Chapter 1, Subpart A, Part 15, Subpart B (Class A limits).

2. RESULTS SUMMARY

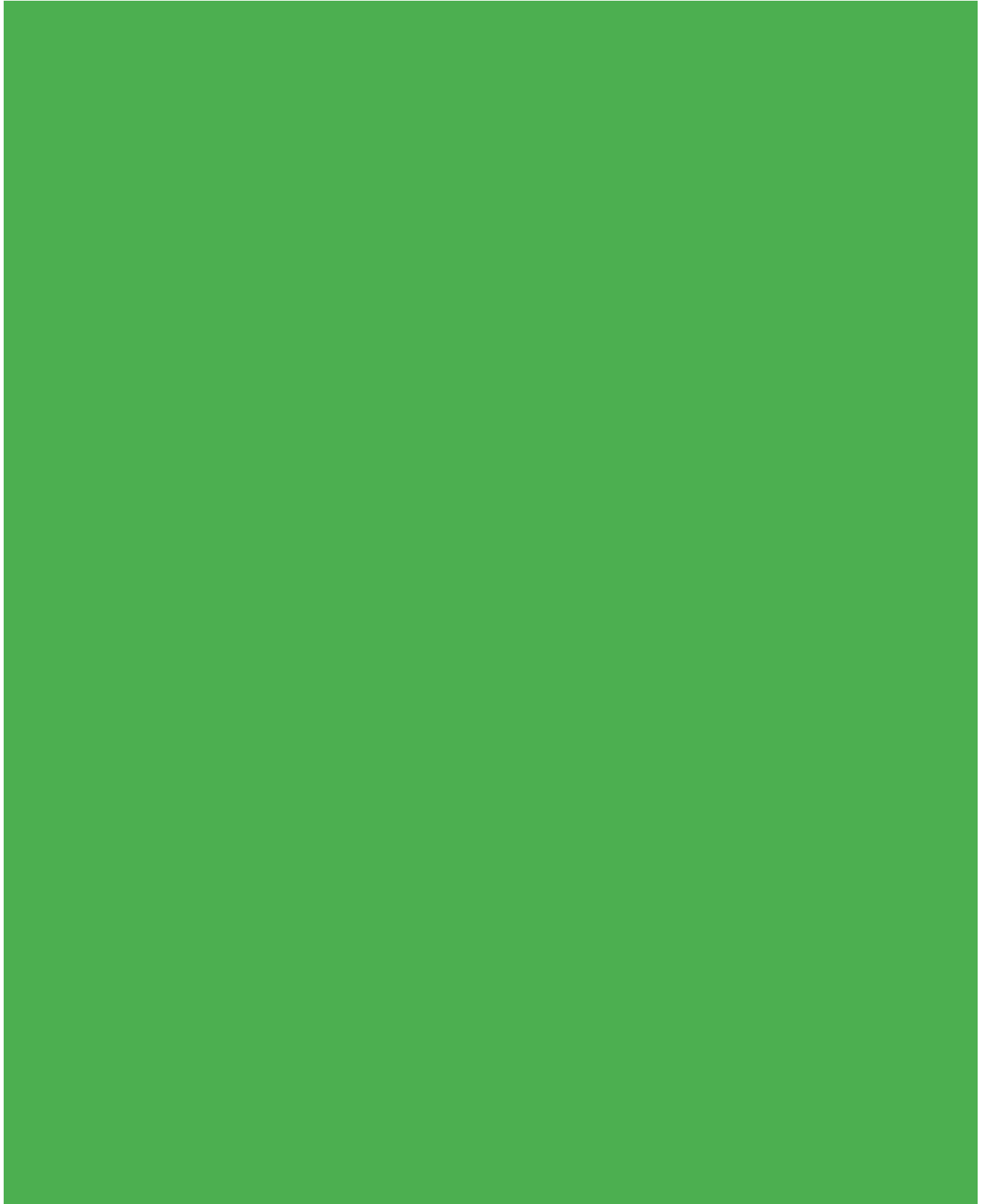
CFR 47, Chapter 1, Subpart A, Part 15, Subpart B

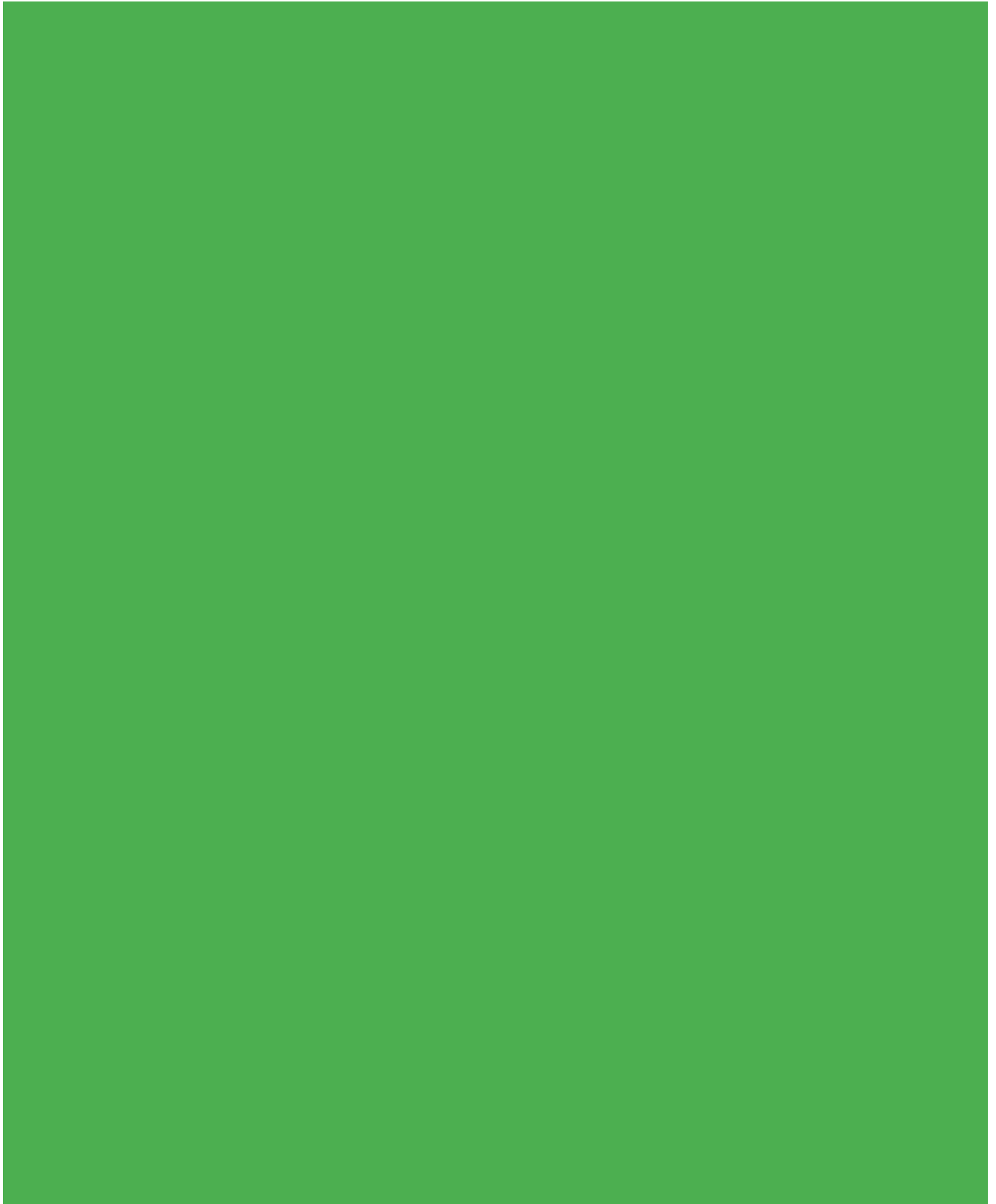
FCC Rule	Test Description	Class	Result	Remark
15.107	AC conducted emissions	A	Pass	11.4 dB under the Class A limit at 1216 MHz
15.109	Radiated emissions	A	Pass	4.7 dB under the Class A limit at 143.6 MHz

3. TEST SAMPLE

Equipment Under Test (<i>Information supplied by client</i>):	
Product Name	Betline SST Cash Kiosk
Model Number:	15302-GA00x (where x is any number)
Serial Number:	15302-GA001-0002
Highest Operating Frequency	5.8GHz, Wi-Fi Frequency
FCC ID:	2A3TL-15302
NFC FCC ID#	V5MACR1252
Computer Wi-Fi FCC ID#	PD9AX201D2
4G Modem FCC ID#	2AJYU-8PYA007
Power Supply:	120VAC, 50/60Hz
Interconnecting Cables (ports):	IEC C13 cable for power and RJ45 Ethernet for Internet/Network connectivity.
Equipment type	The Betline Self Service Terminal & Cash Kiosk is a multifunction wagering terminal designed to provide people with the ability to place wagers at sporting facilities and receive cash redemption.

The information provided on the EUT above was declared by the manufacturer. Please refer to the specifications/user manual for more details.







4. MODIFICATIONS

No modifications were performed.

5. STANDARD DEVIATIONS

No deviation from the standard.

6. CONFIGURATION

The Betline SST Cash Kiosk (15302-GA00x) was powered by 120 VAC, 60 Hz power supply.

During the measurements, the printer was enabled to continuously print. Both cash dispenser and MSR Reader were forced to continuously cycle. and the Ethernet port exercised with a streaming 4K video played on YouTube during the entirety of the measurement.

For radiated emissions measurement, only two sides with the most electronic components had been tested.

7. TEST FACILITY

All measurements were performed inside Compliance Engineering's, 3m Semi-Anechoic (iOATS) and/or shielded enclosures located at 90 Indian Drive, Keysborough, Victoria, Australia.

A2LA (ISO 17025-2017) – Certificate No: 2829.01

Compliance Engineering Pty Ltd, is accredited to ISO 17025-2017 by American Association for Laboratory Accreditation (A2LA) which is an ILAC member and has mutual recognition agreements with the National Voluntary Laboratory Accreditation Program (NVLAP)

All tests within this report have been conducted in accordance with Compliance Engineering's scope of A2LA accreditation.

The current full scope of accreditation can be found on the A2LA website: www.a2la.org

FCC – Registration No: 982700

Compliance Engineering Pty Ltd, has been recognized and is listed as an FCC part 47 CFR 2.948 measurement facility to perform compliance testing on equipment under Parts 15 and 18. The Designation Number is AU0006 and the Test Firm Registration Number is 982700.

Innovation, Science & Economic Development Canada (ISED) - Registration No: 27266

Compliance Engineering's 3m indoor semi-anechoic chamber (iOATS) has been accepted by Innovation, Science & Economic Development Canada (ISED) for performing radiated measurements in accordance with RSS-102, RSS-GEN, RSS-210, RSS-247, RSS-248 – ISED Canada Registration No: 27266

8. FIELD STRENGTH CALCULATION

All emission measurements are automatically calculated via the dedicated EMC software using the pre-stored calibration factors. The following equation simplifies the actual calculation performed;

$$\text{Corr.Ampl} = V_{\text{RAW}} + \text{AF} - \text{G} + \text{L}$$

Where:

Corr.Ampl = Corrected amplitude in dBμV/m (for radiated) & dBμV (for conducted)
V_{RAW} = Raw voltage receiver/analyser reading in dBμV
AF = Antenna Factor in dB (stored as a data array of factor vs frequency)
G = Preamplifier Factor in dB (stored as a data array of gain vs frequency)
L = Cable Loss Factor in dB (stored as a data array of insertion loss vs frequency)

Limit:

The FCC limits are given in units of μV/m. The following formula is used to convert the units of μV/m to dBμV/m.

$$\text{Limit (dBμV/m)} = 20 \cdot \log(\mu\text{V/m})$$

Margin:

This is the margin of compliance below the FCC limit. The units are given in dB. A negative margin indicates the emission was below the limit. A positive margin indicates that the emission exceeds the limit.

Example Calculation:

A peak emission is observed at 100 MHz at 21.5 dBμV. An antenna factor for that frequency is 10 dB. The preamplifier gain factor is 30 dB and the cable loss at that same frequency 1.5 dB. Hence the overall Correction Amplitude is as follows;

$$\begin{array}{lcl} V_{\text{RAW}} + \text{AF} - \text{G} + \text{L} & : & \text{Corr.Amp} - \text{FCC Limit} = \text{Margin} \\ 31.5 + 10 - 20 + 1.5 & : & 23 \text{ dBμV/m} - 57.0 \text{ dBμV/m} = - 34 \text{ dB} \end{array}$$

9. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

Measurement	Frequency / Range	Uncertainty
Temperature (ANSI C63.4-2014)	10°C to 40°C	0.5°C
Humidity (ANSI C63.4-2014)	5% to 90%	2%
Conducted Emissions (using a 50Ω/50μH + 5μH LISN)	0.09 MHz to 30 MHz	± 4.79
Conducted Emissions (using a Voltage Probe)	0.15 MHz to 30 MHz	± 5.07
Conducted Emissions (using a 50Ω/50μH LISN)	0.15 MHz to 30 MHz	± 4.35
Radiated Emissions (Horizontal Polarisation)	30 MHz to 200 MHz	± 4.98
Radiated Emissions (Vertical Polarisation)	30 MHz to 200 MHz	± 5.23
Radiated Emissions (Horizontal Polarisation)	200 MHz to 1000 MHz	± 5.24
Radiated Emissions (Vertical Polarisation)	200 MHz to 1000 MHz	± 5.92
Radiated Emissions (STLP)	1 GHz to 6 GHz	± 5.14
Radiated Emissions (STLP)	6 GHz to 18 GHz	± 6.11
Radiated Emissions (SGH)	18 GHz to 26 GHz	± 6.11
Radiated Emissions (SGH)	26 GHz to 40 GHz	± 6.11

These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

The reference uncertainty standard specifies that although the measurement uncertainty shall be documented within the test report, the actual determination of compliance shall be based on measurements without taking into account the measurement uncertainty.

10. CONDUCTED RF EMISSION MEASUREMENTS

10.1 REQUIREMENTS

Frequency Range: 0.15 MHz to 30 MHz
 Limit: FCC Part 15B (Class A)

10.2 TEST EQUIPMENT

Asset	Equipment	Model No	Serial No	Cal Due
644	EMI Receiver 7 GHz	ESIB7	100338	Jul 24
34	LISN	3816/2AS	9605-1047	Dec 24
229	High Pass Filter	FEH0.15B	1247	April 24
230	Transient Limiter	TL250-10B	383	April 24
760	iOATS (11m x 7m x 6m)	CE-iOATS	2021	Oct 23
TER-S004	Measurement Software	RadiMation	Rev: 2022.1.3	-

10.3 ENVIRONMENTAL CONDITIONS

Environment	Range	Actual
Temperature	15.5°C to 24°C	20.9°C
Humidity	15% to 60%	49%

10.4 PROCEDURE

In accordance with Compliance Engineering Test Procedure TP72.

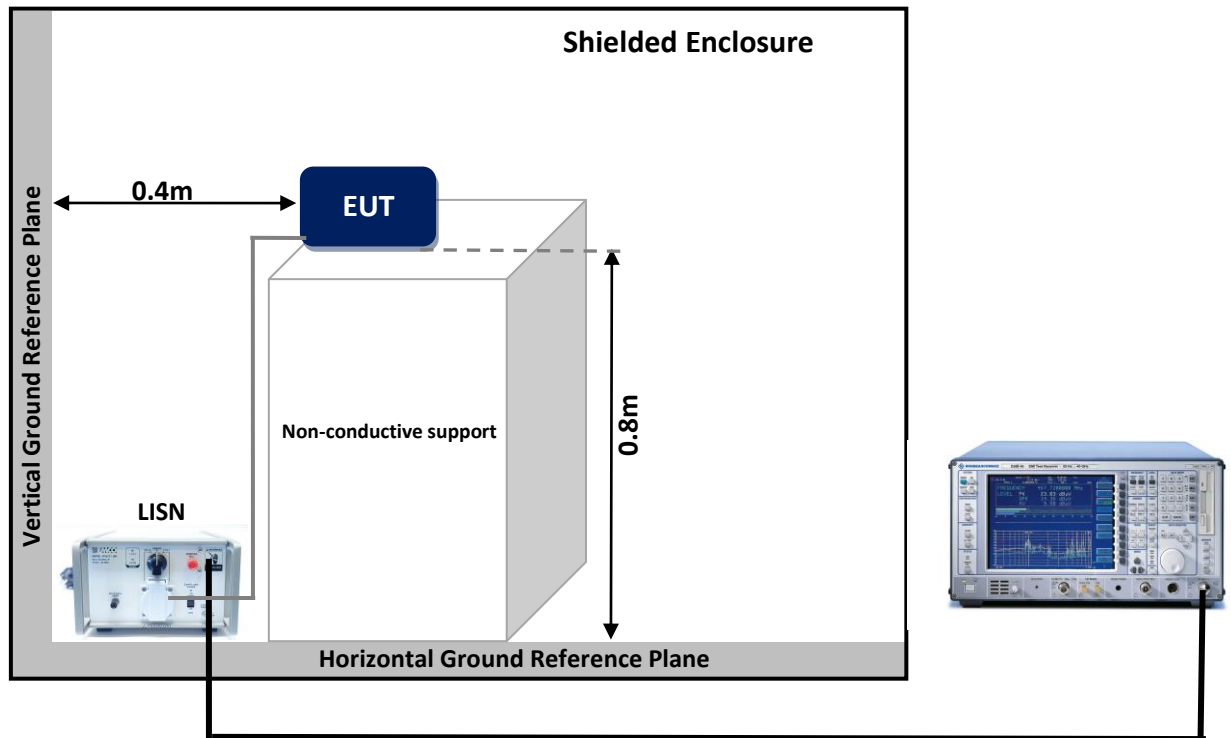
Mains terminal disturbance voltage emission measurements were performed inside a semi-anechoic enclosure.

The EUT was positioned on a non-conductive support 0.8 metres above the ground reference plane.

Measurements were performed on both the active and neutral lines in turn with the Line Impedance Stabilization Network (LISN) located 0.8 metres away from the test sample (When applicable, other accessories are connected to a separate LISN).

The receiver/spectrum analyser was configured to capture the highest peak emissions. Quasi-peak and or average detector measurements were performed at frequencies where peak emissions are close to or exceed the applicable limit.

Plots of the accumulated measurement data, including all transducer correction factors were then produced and stored on file.



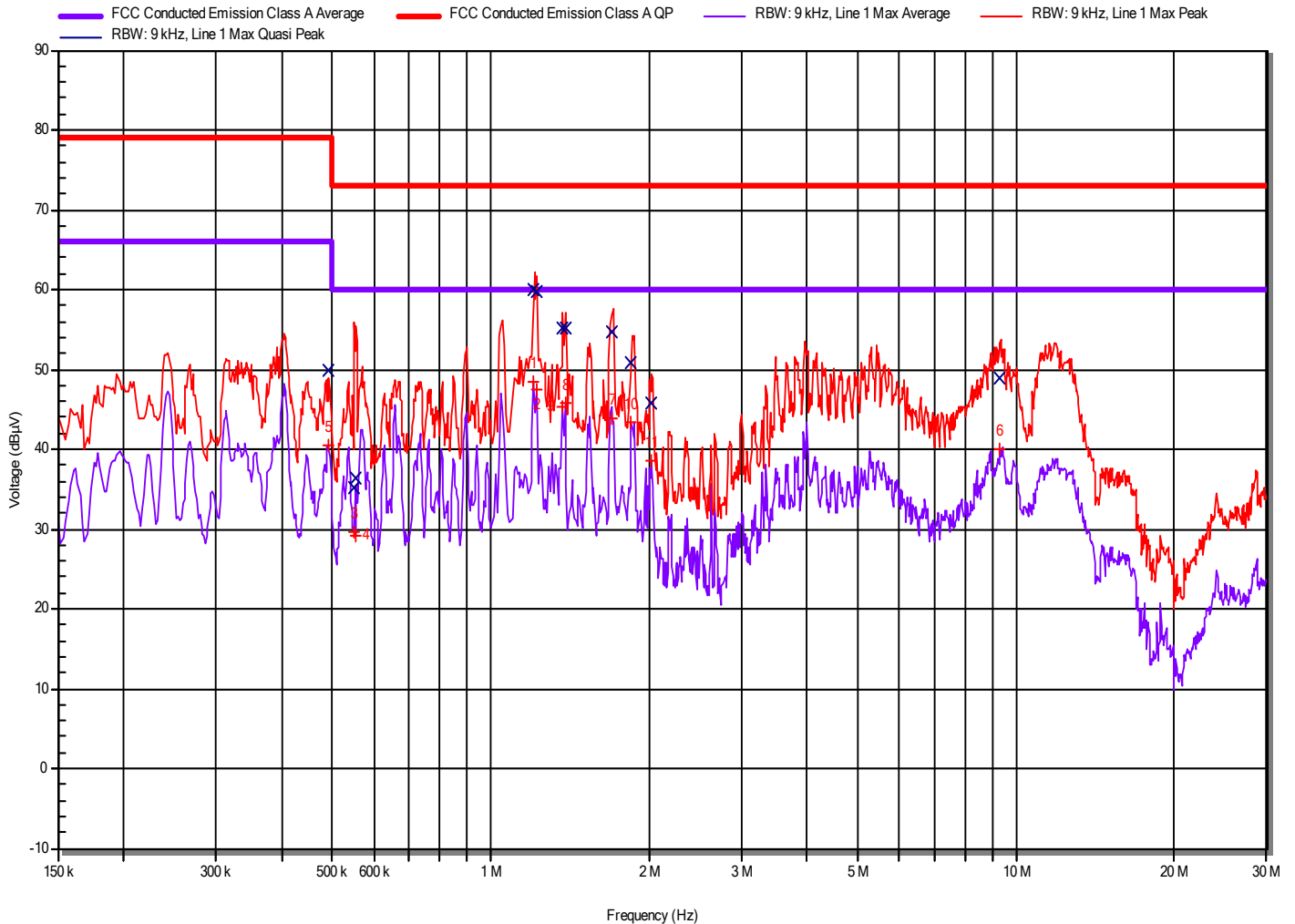
Mains Terminal Emissions measurement setup photos.



10.5 RESULTS

Mains Terminal Emission Measurements – Active Line							
Frequency (kHz)	Quasi-peak (dBμV)	Quasi-peak Limit (dBμV)	Delta QP Limit (dB)	Average (dBμV)	Average Limit (dBμV)	Delta AVG Limit (dB)	Result
553	36.4	73	-36.6	29.2	60	-30.8	Pass
550	35.1	73	-37.9	29.6	60	-30.4	Pass
2026	45.8	73	-27.2	38.5	60	-21.5	Pass
9329	48.8	73	-24.2	39.9	60	-20.1	Pass
490	49.9	79	-29.1	40.6	66	-25.4	Pass
1850	50.9	73	-22.1	43.3	60	-16.7	Pass
1705	54.8	73	-18.2	43.8	60	-16.2	Pass
1369	55.2	73	-17.8	45.3	60	-14.7	Pass
1385	55.3	73	-17.7	45.9	60	-14.1	Pass
1224	59.8	73	-13.2	47.4	60	-12.6	Pass
1208	60	73	-13.0	48.3	60	-11.7	Pass

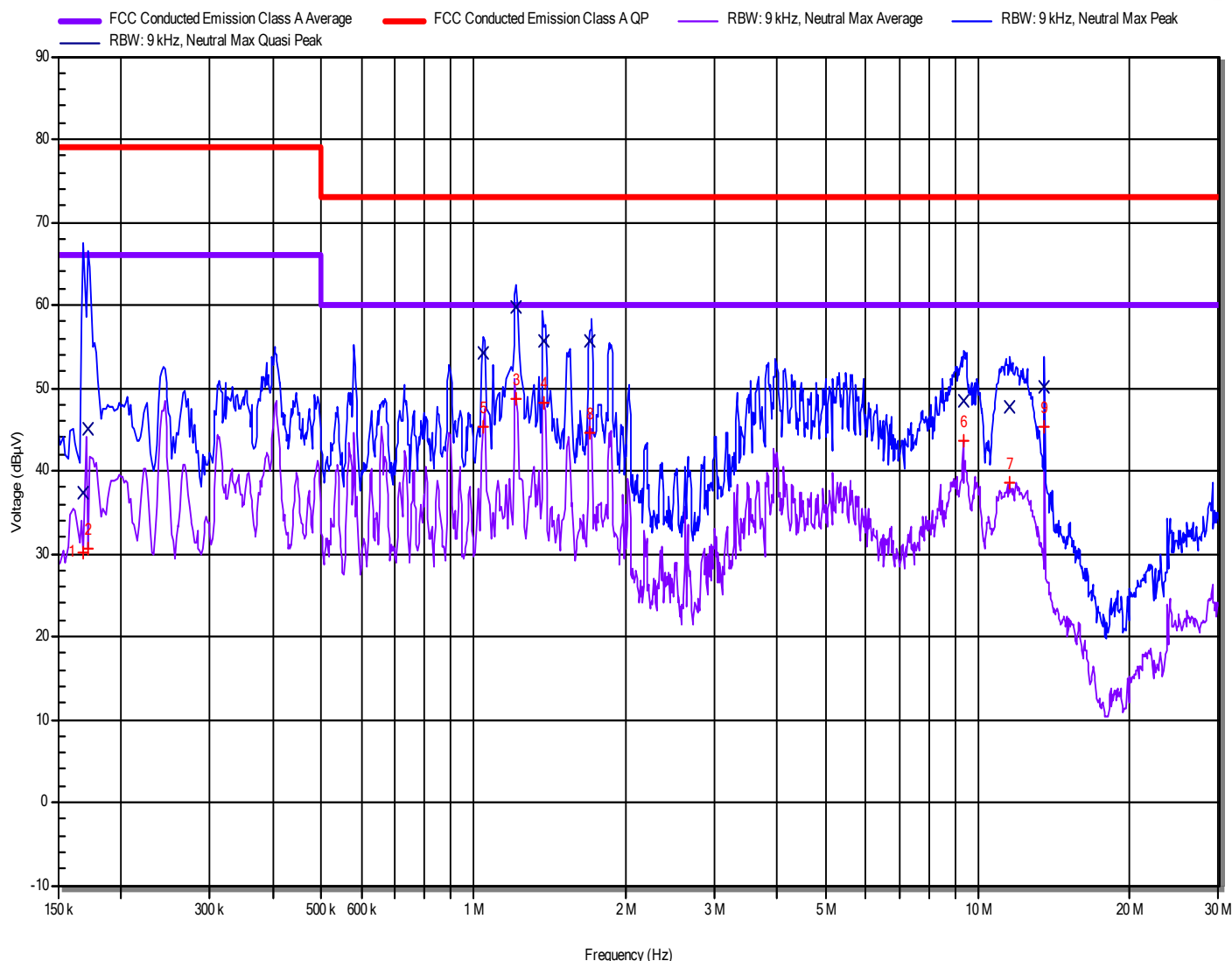
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Mains Terminal Emission Measurements – Neutral Line

Frequency (kHz)	Quasi-peak (dBμV)	Quasi-peak Limit (dBμV)	Delta QP Limit (dB)	Average (dBμV)	Average Limit (dBμV)	Delta AVG Limit (dB)	Result
168.7	37.5	79	-41.5	30	66	-36.0	Pass
172.1	45	79	-34.0	30.6	66	-35.4	Pass
11523	47.7	73	-25.3	38.6	60	-21.4	Pass
9339	48.4	73	-24.6	43.7	60	-16.3	Pass
1705	55.6	73	-17.4	44.5	60	-15.5	Pass
1048	54.1	73	-18.9	45.3	60	-14.7	Pass
13557	50.1	73	-22.9	45.4	60	-14.6	Pass
1377	55.7	73	-17.3	48.1	60	-11.9	Pass
1216	59.8	73	-13.2	48.6	60	-11.4	Pass

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10.6 ASSESSMENT

The Betline SST Cash Kiosk (15302-GA00x) complied with the CFR 47, Chapter 1, Subpart A, Part 15, Subpart B (Class A limits) conducted RF emission requirements.

11. RADIATED RF EMISSION MEASUREMENTS

11.1 REQUIREMENTS

Frequency Range: 30 MHz to the 5th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.

Measurement Distance: 3 metres

Limit: FCC Part 15B (Class A)

11.2 TEST EQUIPMENT

Asset	Equipment	Model No	Serial No	Cal Due
644	EMI Receiver	ESIB7	100338	Jul 24
091	Spectrum Analyzer	HP8593EM	3710A00205	Jul 23
796	Spectrum Analyser	8564EC	4439A00960	Dec 23
731	Biconical Antenna	VHBB 9124+BBA 9106	9124-1461	Aug 24
733	Log Periodic Antenna	USLP 9143 B	USLP 9143B 136	Aug 24
52	Preamplifier	UTC10-212-1	9232SN02	Apr 24
278	Preamplifier	LA1018N4009	J1012090727001	Mar 24
853	Preamplifier	ALN3325-41-4320	44398	Mar 24
779	Preamplifier	ALN2225-38-4025	41502	Mar 24
734	Stacked Log Periodic	STLP 9148	176	Aug 24
364	Horn Antenna	JXTXLB-42-20-C-SF	J2021090616013	NR
799	26.5-40GHz Antenna	LB-28-20-C-KF	2020056001026	NR
760	iOATS (11m x 7m x 6m)	CE-iOATS	2021	Oct 23
TER-S004	Measurement Software	Radimation	Rev: 2022.1.3	-

11.3 ENVIRONMENTAL CONDITIONS

Environment	Range	Actual
Temperature	15.5°C to 24°C	21.3°C
Humidity	15% to 60%	46%

11.4 PROCEDURE

In accordance with Compliance Engineering Test Procedure TP72.

Measurements were performed inside a semi-anechoic chamber at a distance of 3 m from the EUT. The EUT was supported 0.8 metres above the ground reference plane on a large polystyrene block, which in turn rested on top of a turntable.

The EUT was rotated 360° and the antenna height varied between 1 m and 4 m. The measuring antenna polarisation was rotated and measurements performed for horizontal and vertical antenna polarisations.

The receiver/spectrum analyser was configured to capture the highest peak emissions. Quasi-peak and or average detector measurements were performed at frequencies where peak emissions are close to or exceed the applicable limit.

Plots of the accumulated measurement data, including all transducer correction factors were produced and stored to file.

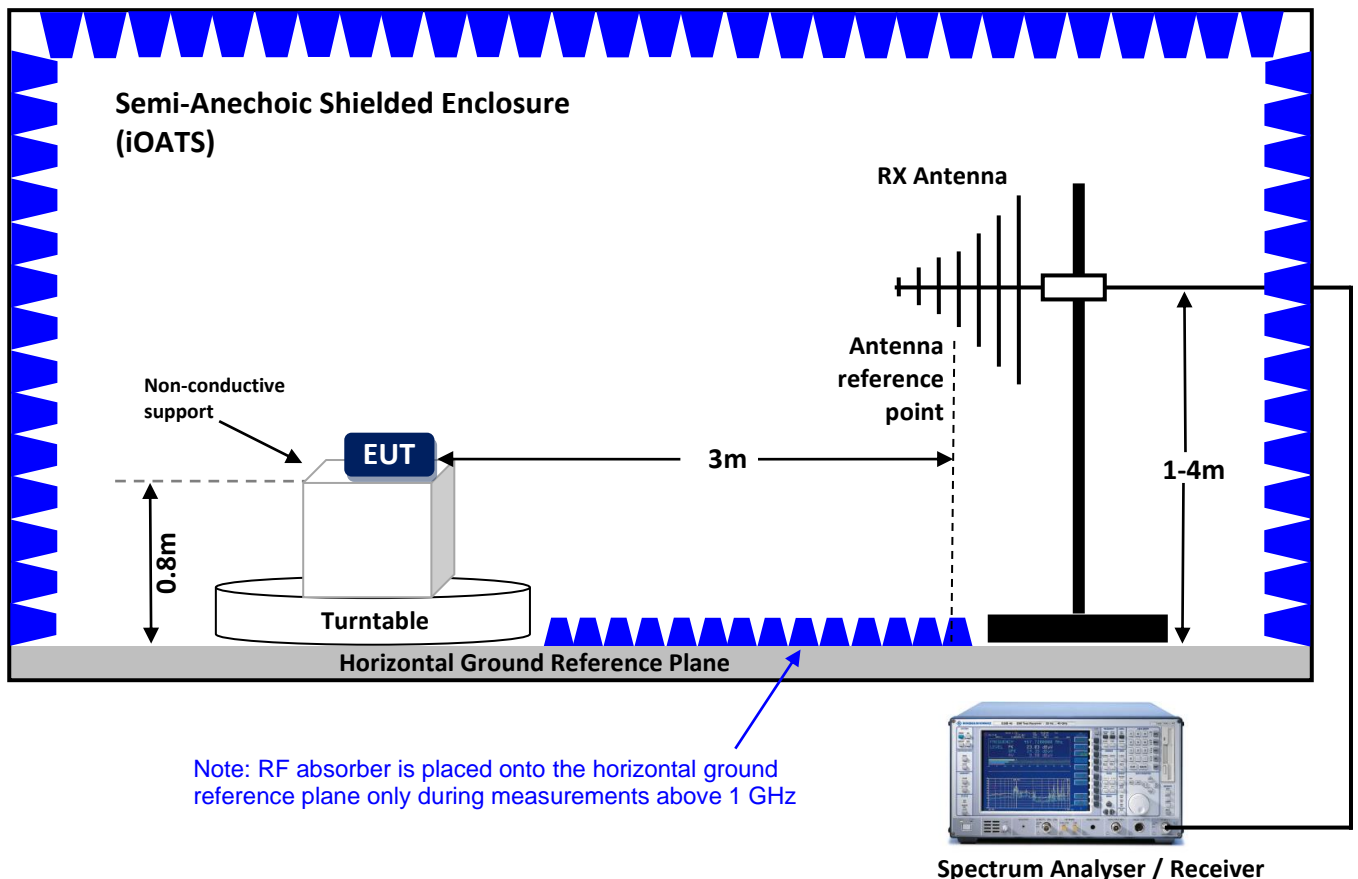
Measurements below 1 GHz:

RWB = 120 kHz, VBW = 3 x RBW

Measurements above 1 GHz:

RF absorber is placed on the ground reference plane between the EUT and the measuring antenna and its location size should allow the test site area comply with the CISPR 16-1-4 requirements.

RWB = 1 MHz (minimum), VBW = 3 x RBW



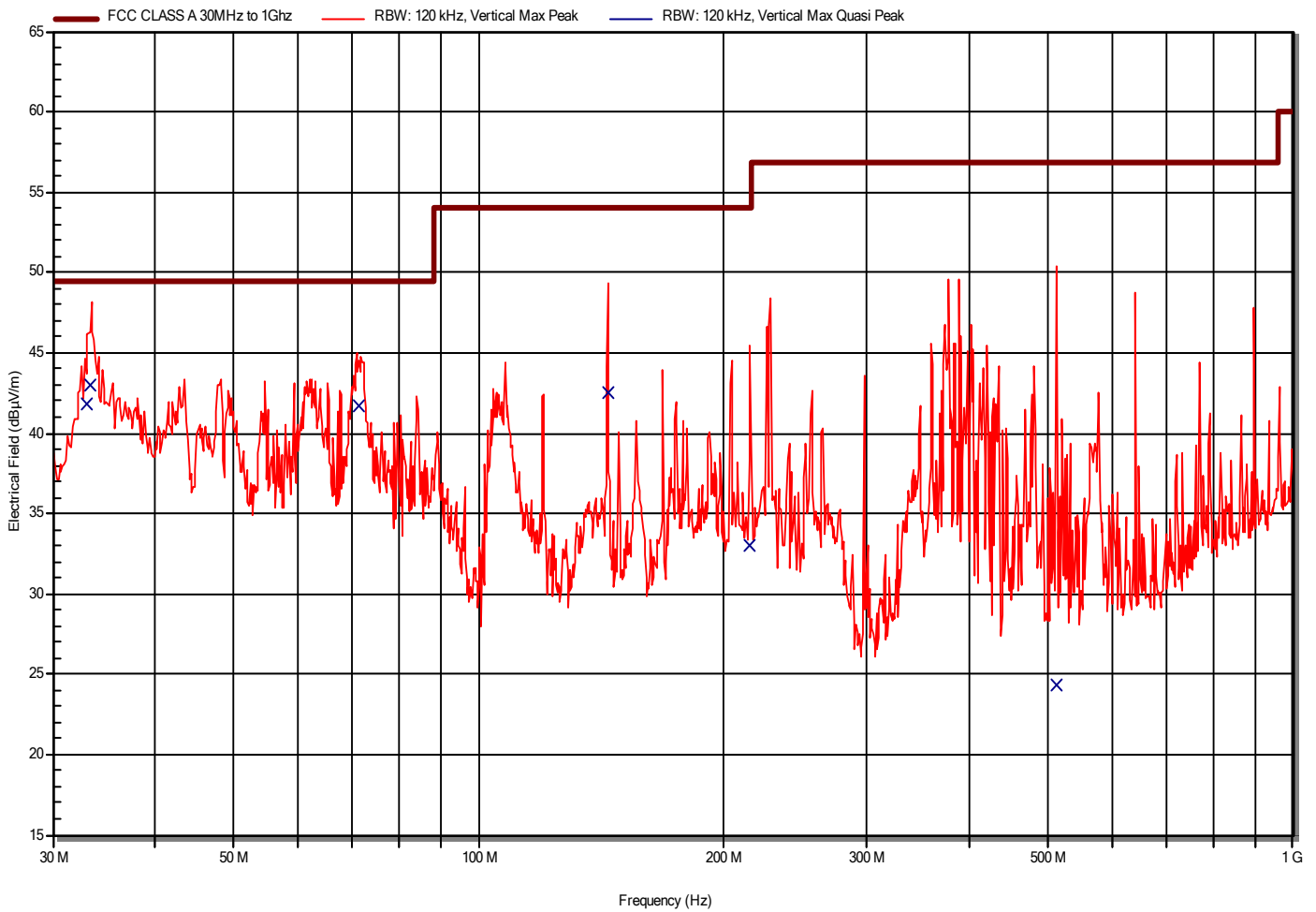
Radiated RF emissions measurement setup photos.



11.5 RESULTS

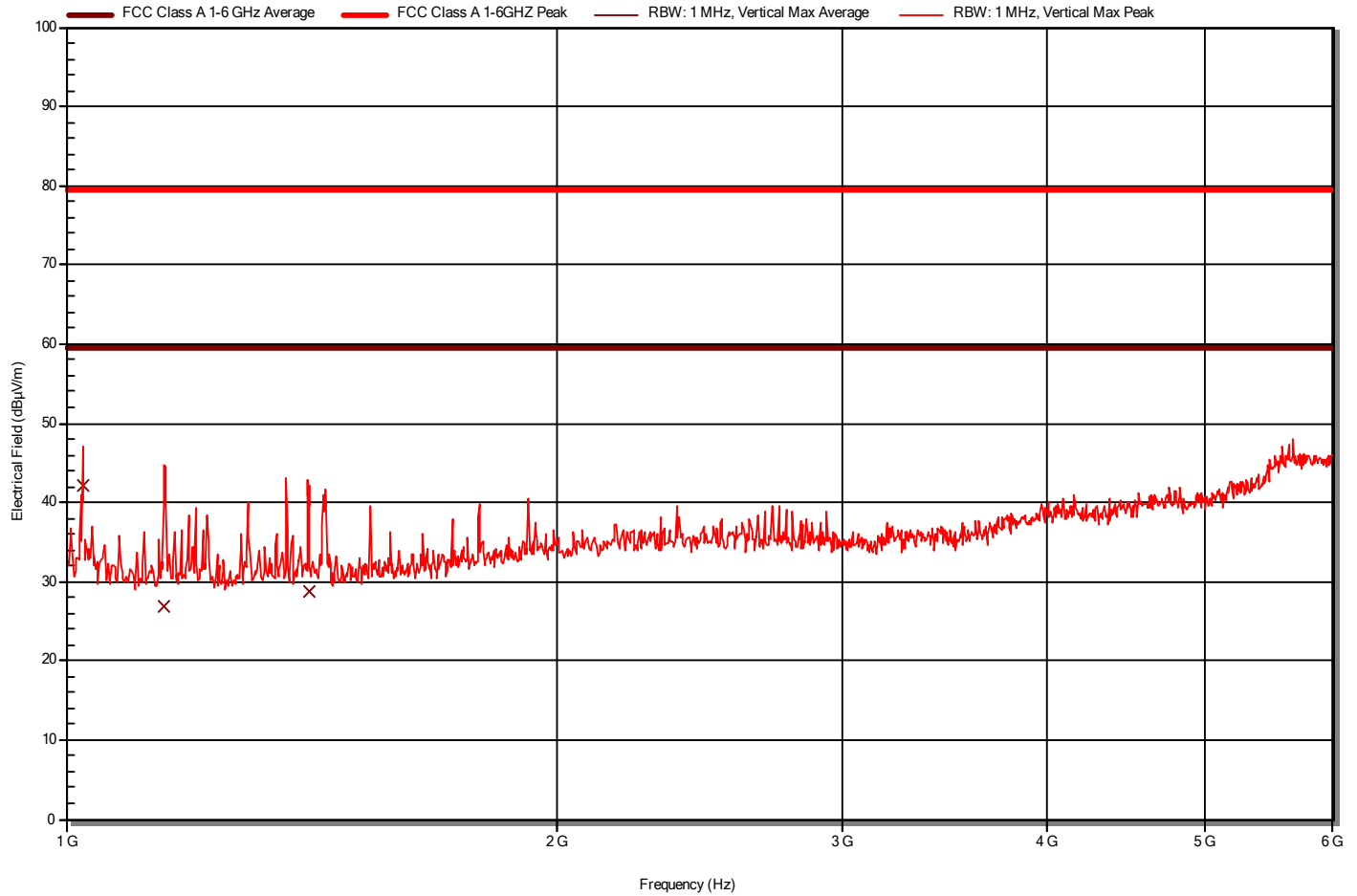
Radiated RF Emission Measurements – Vertical Polarisation – Frontside- 30 MHz to 1GHz				
Frequency (MHz)	Quasi-Peak (dB μ V/m)	Quasi-Peak Limit (dB μ V/m)	Delta Limit (dB)	Result
33.08	41.8	49.5	-7.7	Pass
33.36	43	49.5	-6.5	Pass
71.38	41.7	49.5	-7.8	Pass
144.08	42.5	54	-11.5	Pass
215.23	33	54	-21.0	Pass
512.62	24.3	56.3	-32.6	Pass

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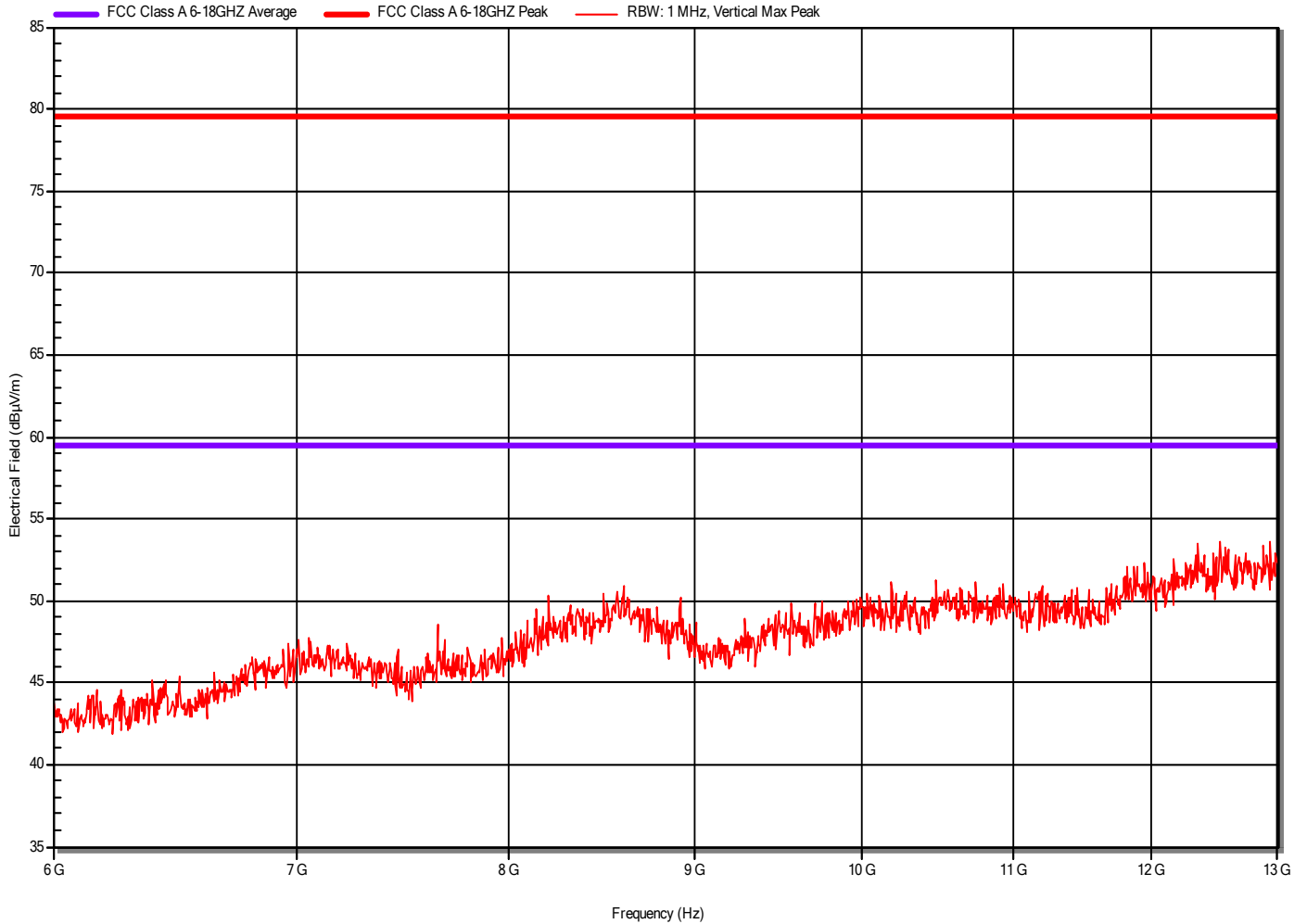
Radiated RF Emission Measurements – Vertical Polarisation – Frontside - 1 to 6 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit	Pk Delta Limit	AV Delta Limit	Result
Peak emissions are more than 10dB below the limits							Pass

RadiMation



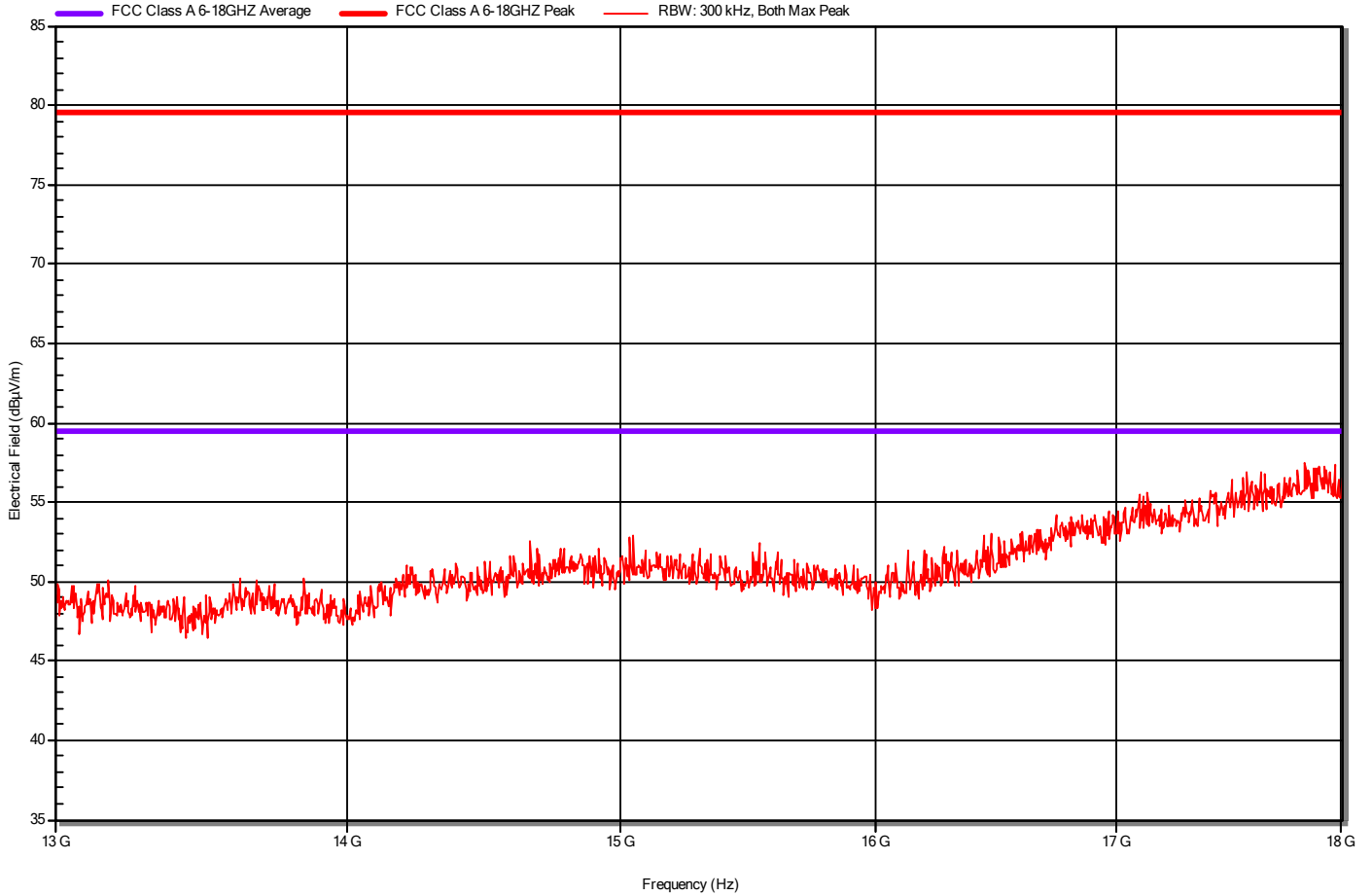
Radiated RF Emission Measurements – Vertical Polarisation - Frontside - 6 to 13 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit (dBµV/m)	Pk Delta Limit (dB)	AV Delta Limit (dB)	Result
Peak emissions are more than 10dB below the limits							Pass

RadiMation



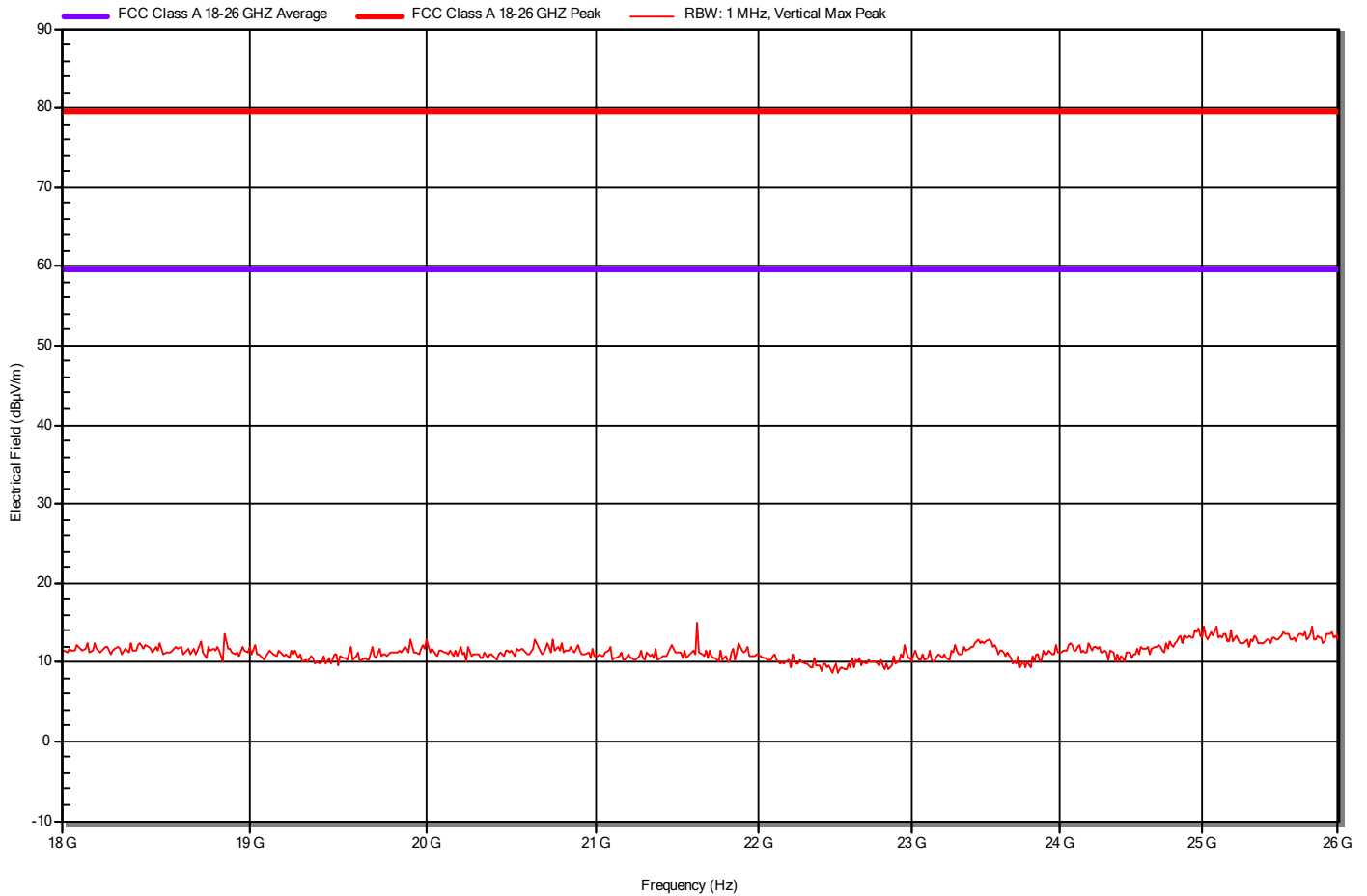
Radiated RF Emission Measurements – Vertical Polarisation - Frontside - 13 to 18 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit	Pk Delta Limit	AV Delta Limit	Result
Peak emissions are more than 10dB below the limits							Pass

RadiMation



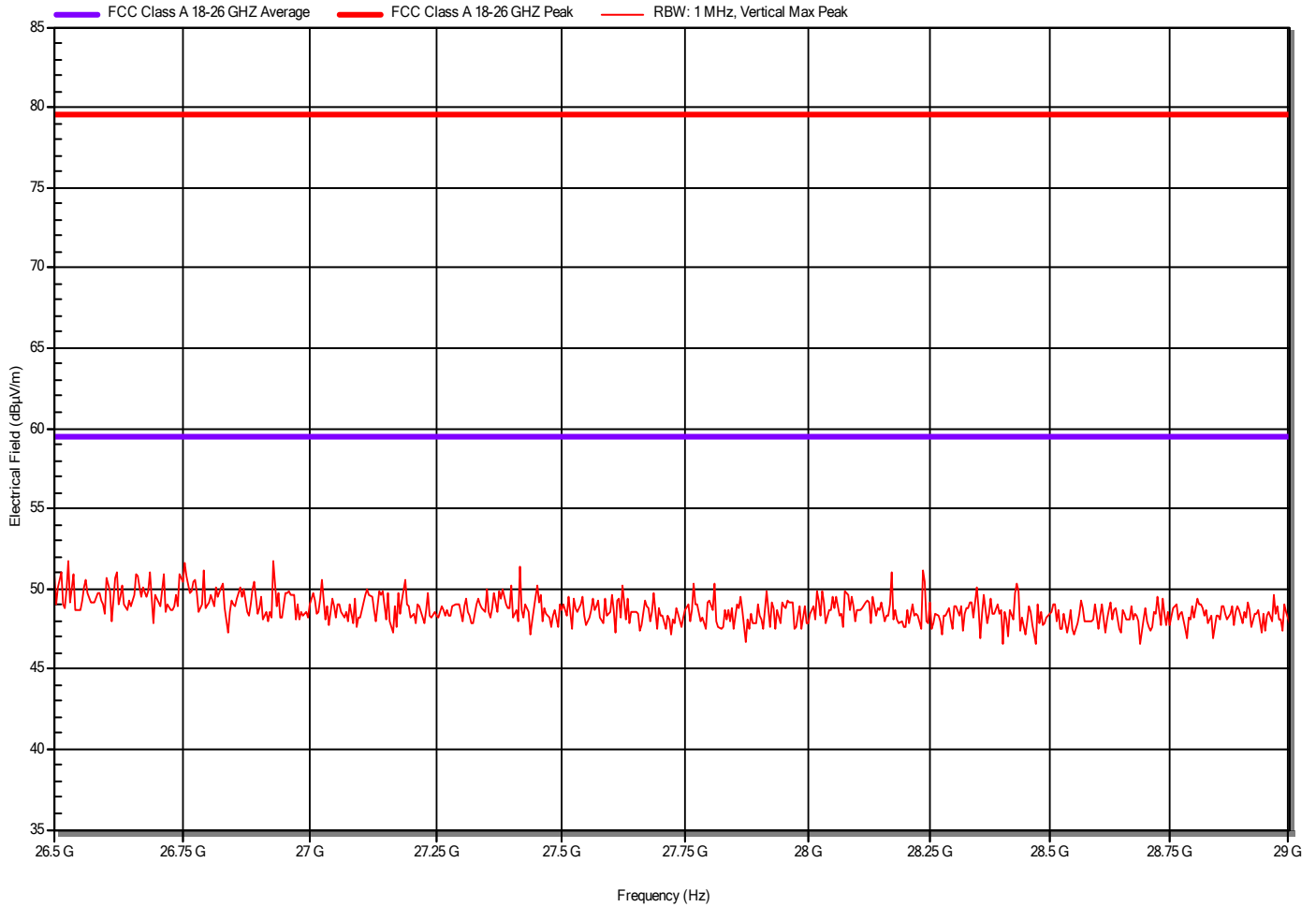
Radiated RF Emission Measurements – Vertical Polarisation - Frontside - 18 to 26 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit (dBµV/m)	Pk Delta Limit (dB)	AV Delta Limit (dB)	Result
Peak emissions are more than 10dB below the limits							Pass

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Radiated RF Emission Measurements – Vertical Polarisation – Frontside - 26 to 29 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit	Pk Delta Limit	AV Delta Limit	Result
Peak emissions are more than 10dB below the limits							Pass

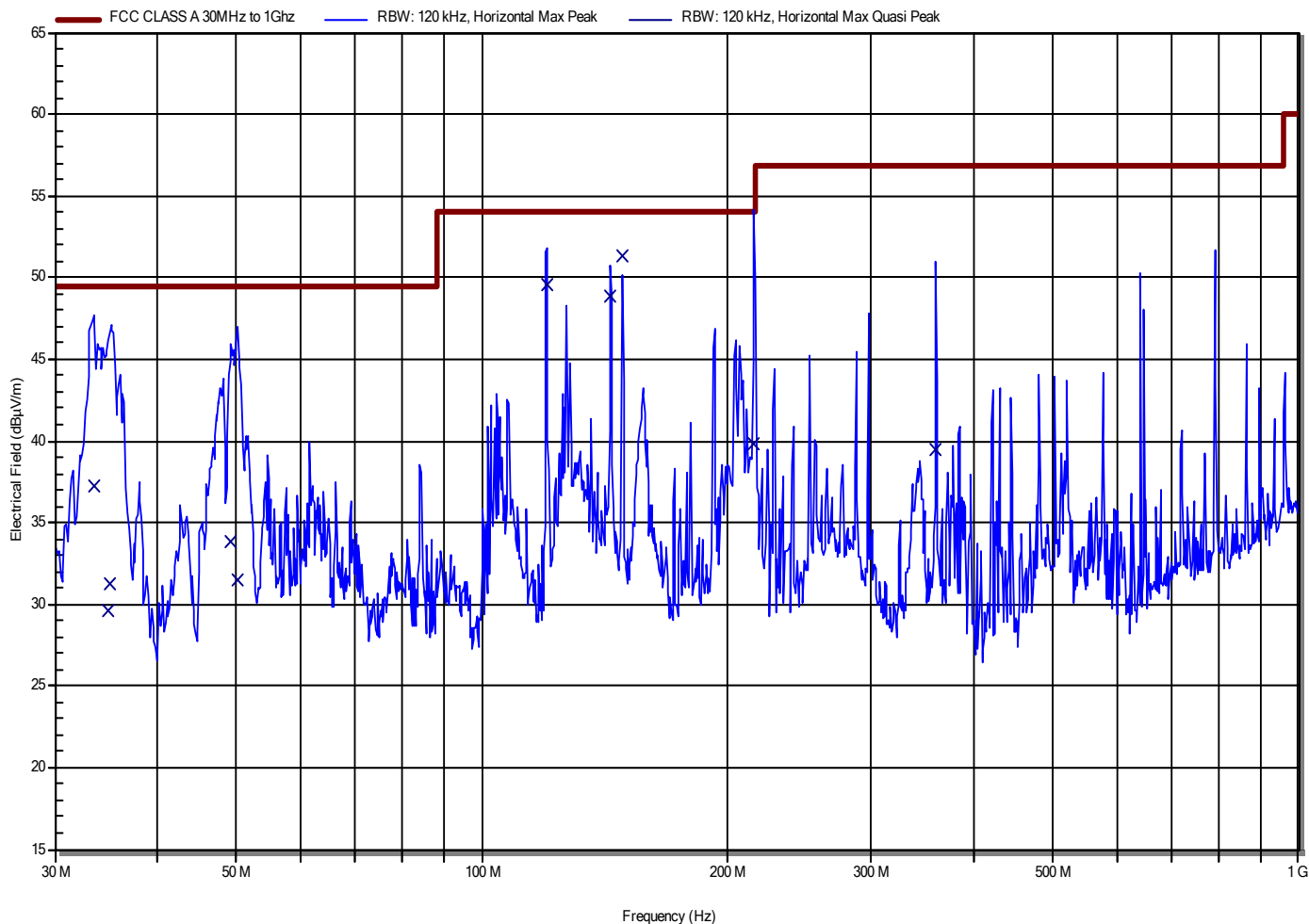
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Radiated RF Emission Measurements – Horizontal Polarisation – Frontside- 30 MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dB μ V/m)	Quasi-Peak Limit (dB μ V/m)	Delta Limit (dB)	Result
33.50	37.3	49.5	-12.2	Pass
34.91	29.6	49.5	-19.9	Pass
35.05	31.2	49.5	-18.3	Pass
49.21	33.8	49.5	-15.7	Pass
50.20	31.5	49.5	-18.0	Pass
120.04	49.6	54	-4.4	Pass
143.68	48.9	54	-5.1	Pass
148.49	51.4	54	-2.6	Pass
215.23	39.8	54	-14.2	Pass
359.51	39.5	56	-17.4	Pass

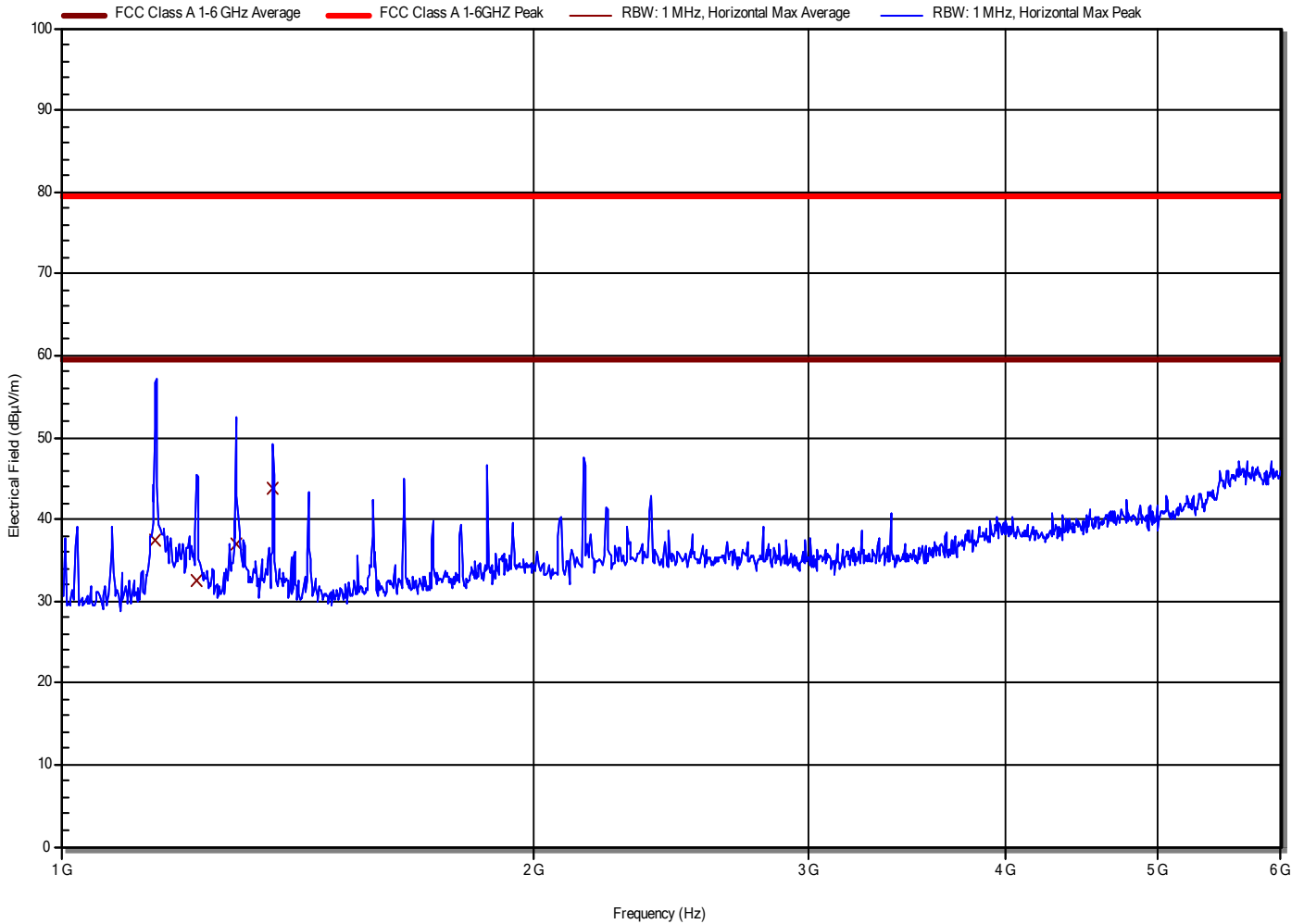
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Radiated RF Emission Measurements – Horizontal Polarisation - Frontside - 1 to 6 GHz

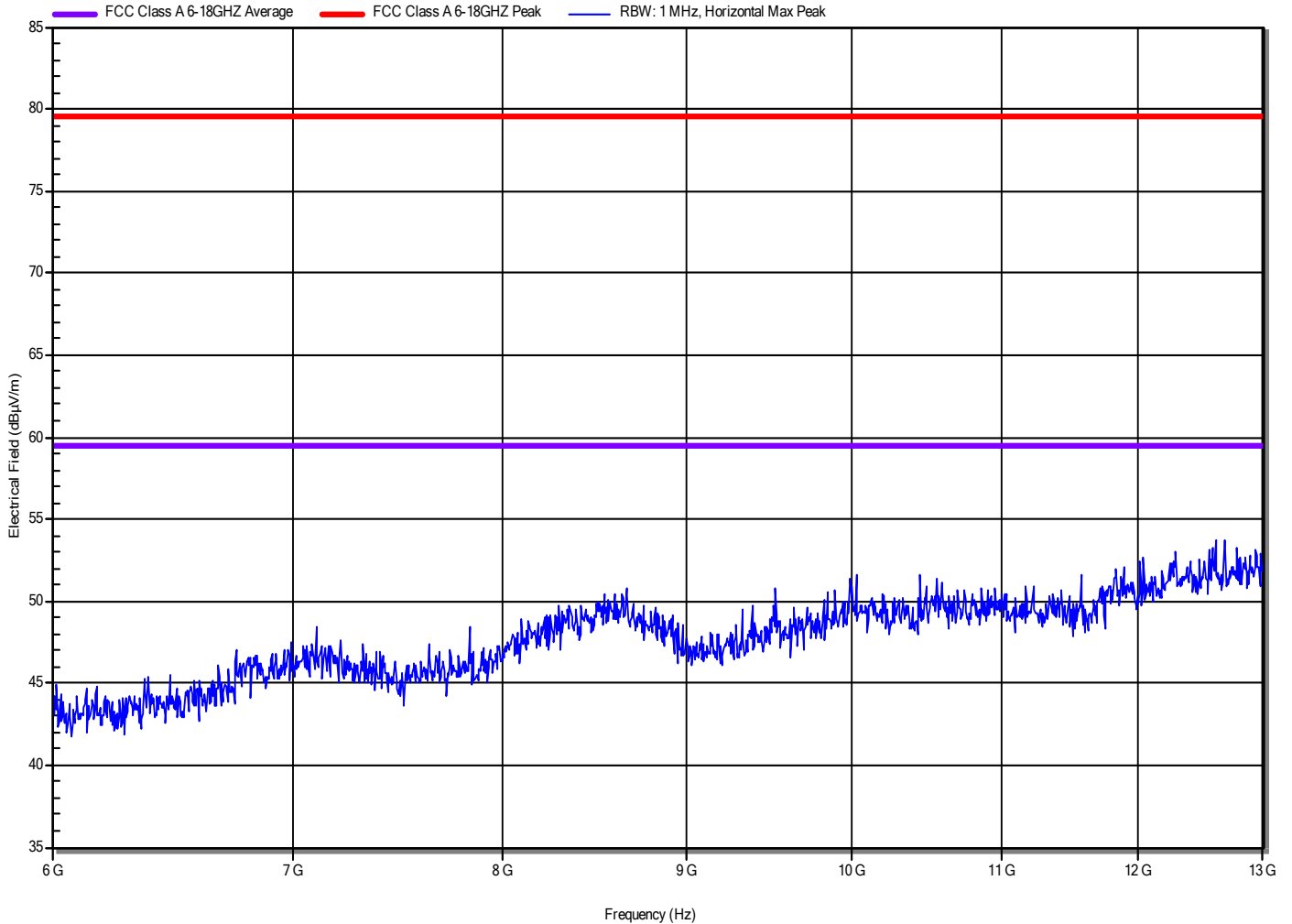
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit (dBµV/m)	Pk Delta Limit (dB)	AV Delta Limit (dB)	Result
Peak emissions are more than 10dB below the limits							Pass

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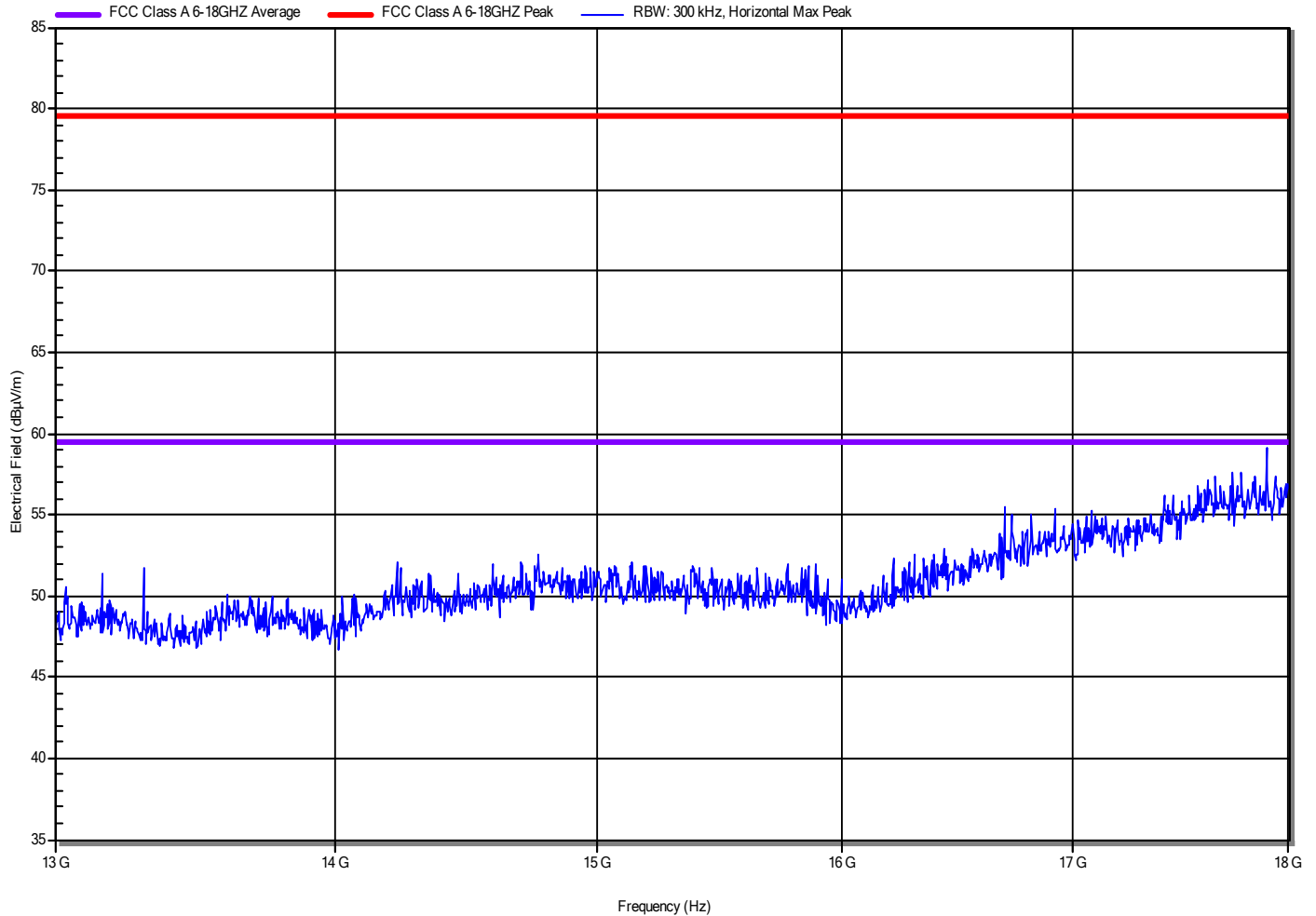
Radiated RF Emission Measurements – Horizontal Polarisation - Frontside - 6 to 13 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit (dBµV/m)	Pk Delta Limit (dB)	AV Delta Limit (dB)	Result
Peak emissions are more than 10dB below the limits							Pass

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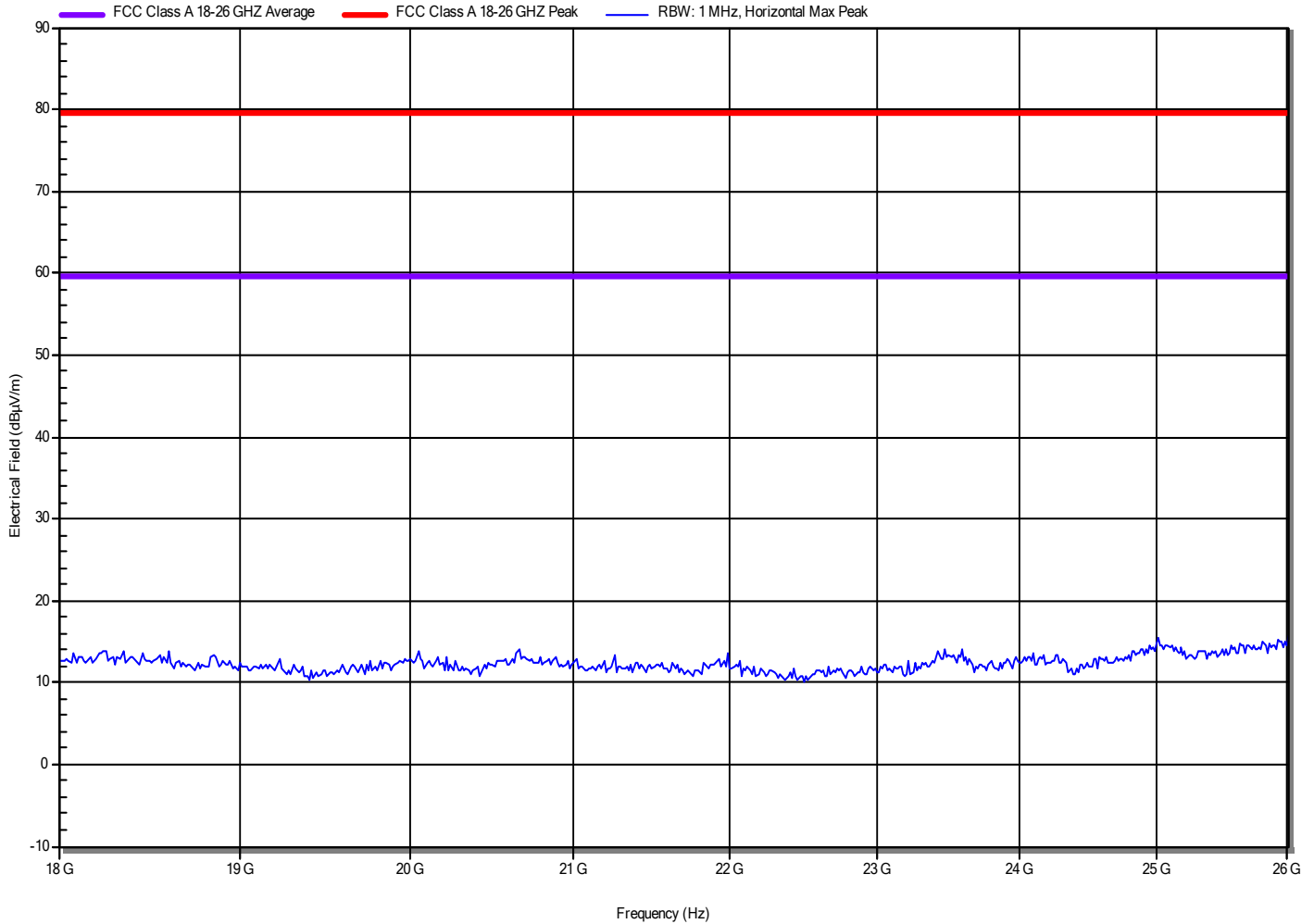
Radiated RF Emission Measurements – Horizontal Polarisation - Frontside - 13 to 18 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit	Pk Delta Limit	AV Delta Limit	Result
Peak emissions are more than 10dB below the limits							Pass

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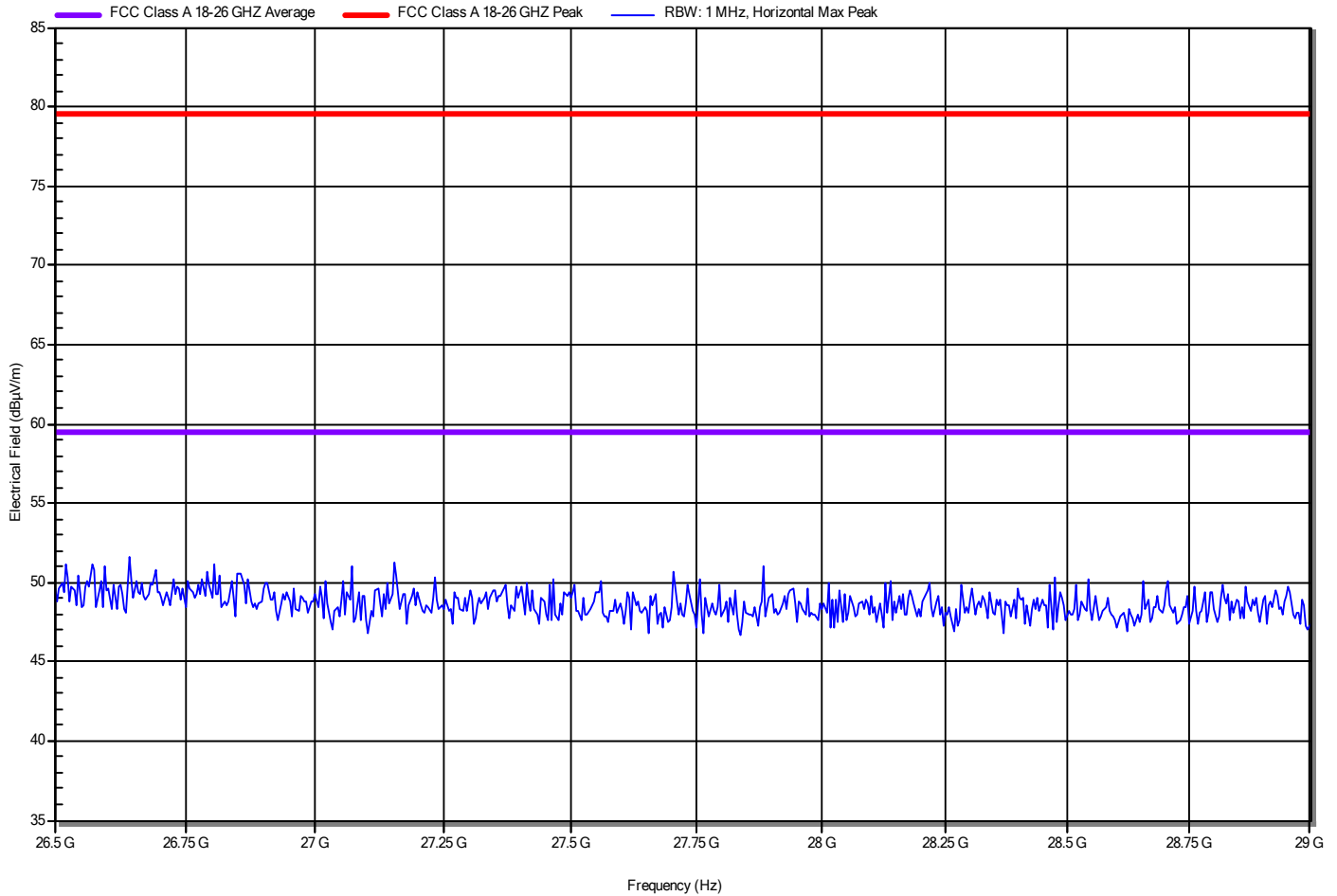
Radiated RF Emission Measurements – Horizontal Polarisation - Frontside - 18 to 26 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit	Pk Delta Limit	AV Delta Limit	Result
Peak emissions are more than 10dB below the limits							Pass

RadiMation



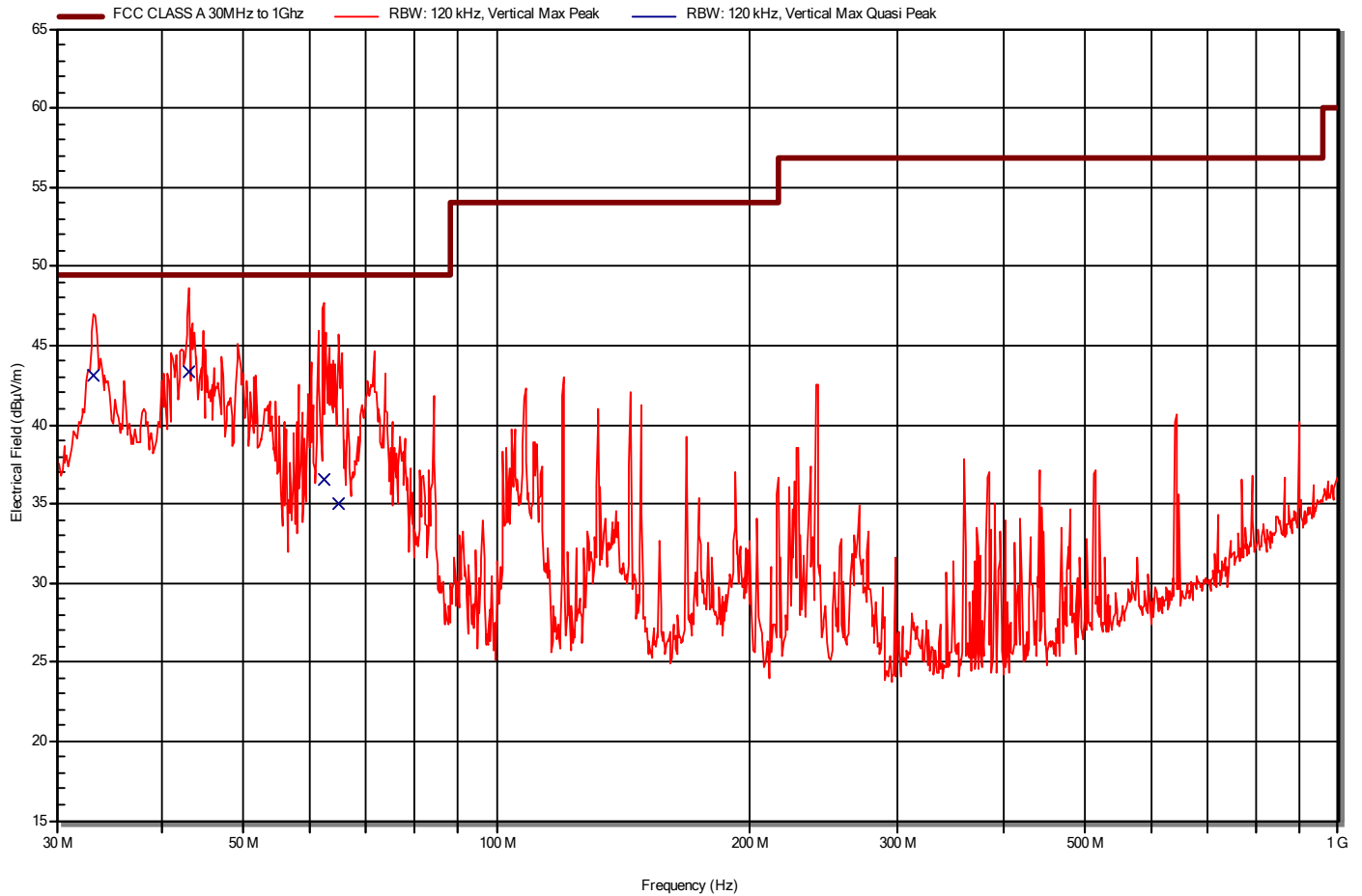
Radiated RF Emission Measurements – Horizontal Polarisation – Frontside - 26 to 29 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit	Pk Delta Limit	AV Delta Limit	Result
Peak emissions are more than 10dB below the limits							Pass

RadiMation



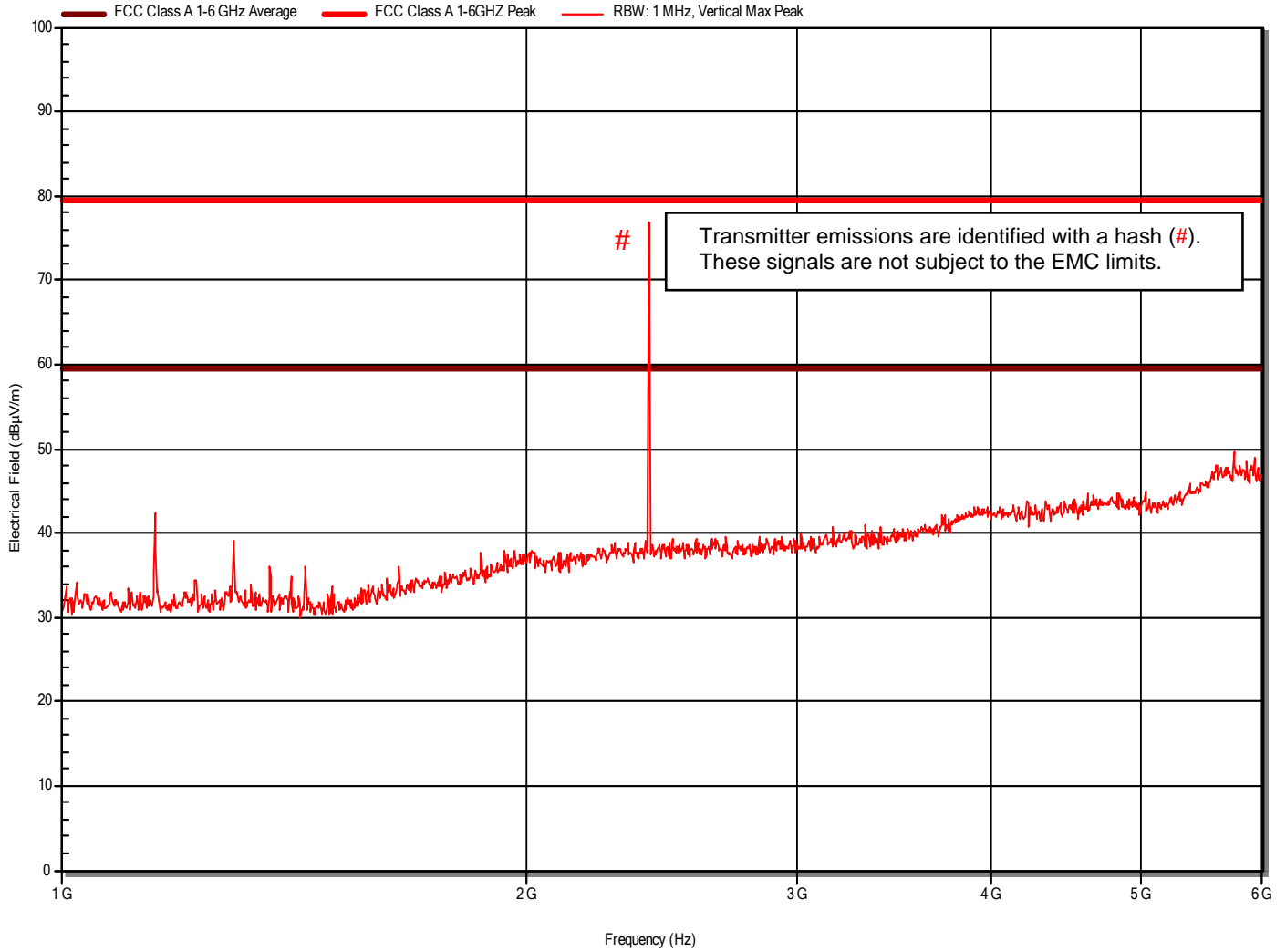
Radiated RF Emission Measurements – Vertical Polarisation – Side1- 30 MHz to 1GHz				
Frequency (MHz)	Quasi-Peak (dB μ V/m)	Quasi-Peak Limit (dB μ V/m)	Delta Limit (dB)	Result
43.04	43.4	49.5	-6.1	Pass
33.22	43.1	49.5	-6.4	Pass
62.26	36.5	49.5	-13.0	Pass
64.93	35	49.5	-14.5	Pass

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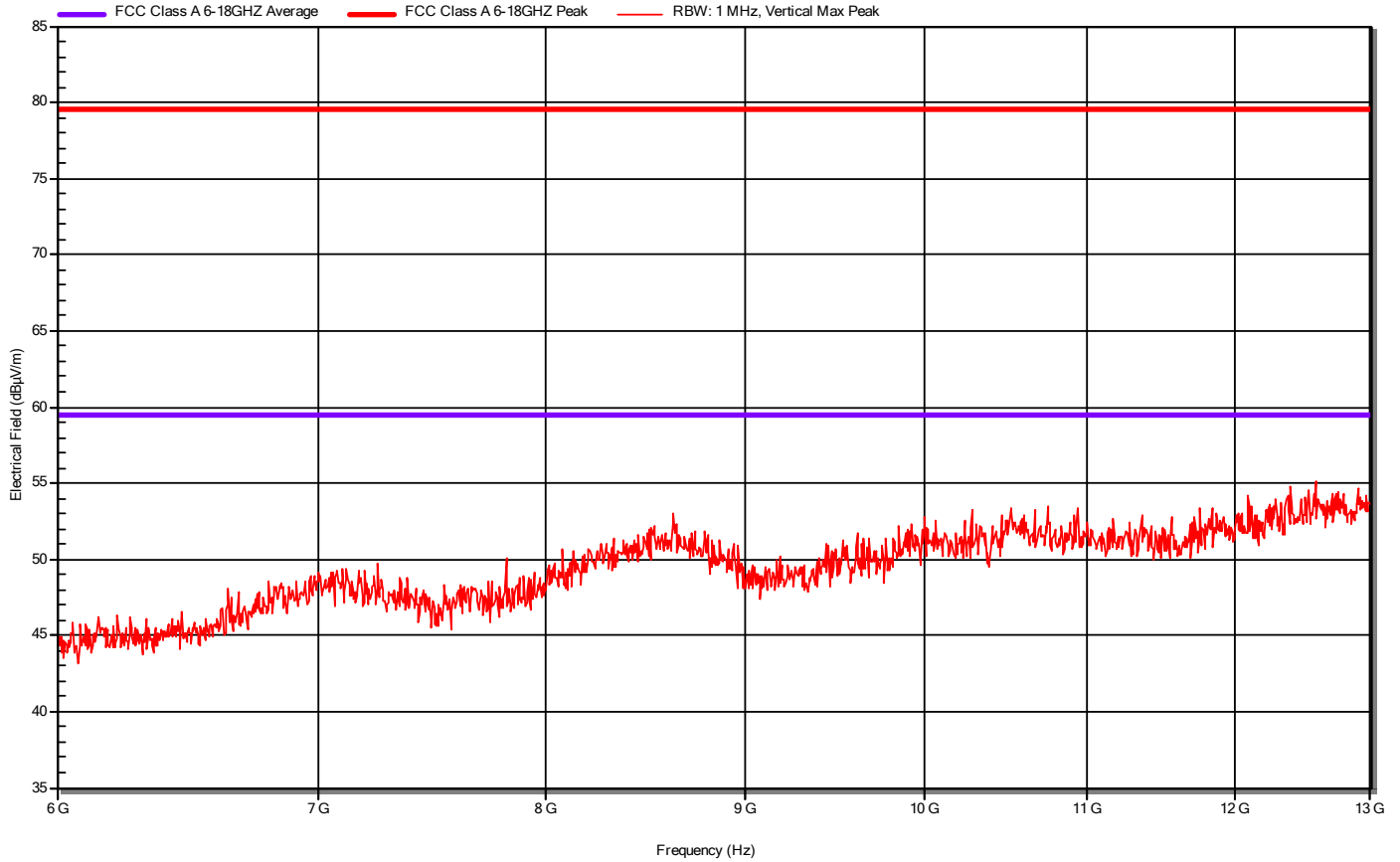
Radiated RF Emission Measurements – Vertical Polarisation – Side1- 1 to 6 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit (dBµV/m)	Pk Delta Limit (dB)	AV Delta Limit (dB)	Result
Peak emissions are more than 10dB below the limits							Pass

RadiMation



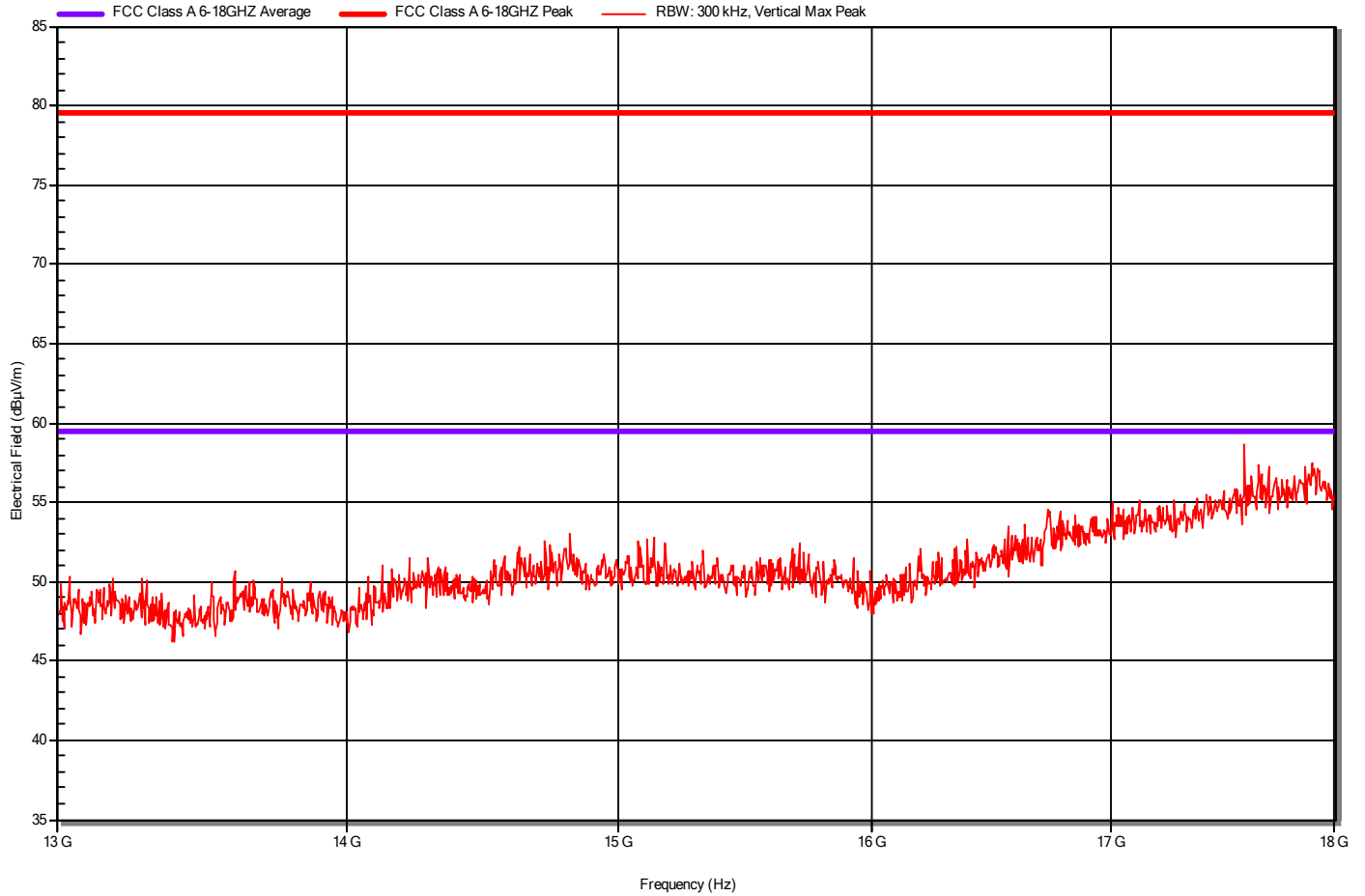
Radiated RF Emission Measurements – Vertical Polarisation - Side1- 6 to 13 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit	Pk Delta Limit	AV Delta Limit	Result
Peak emissions are more than 10dB below the limits							Pass

RadiMation



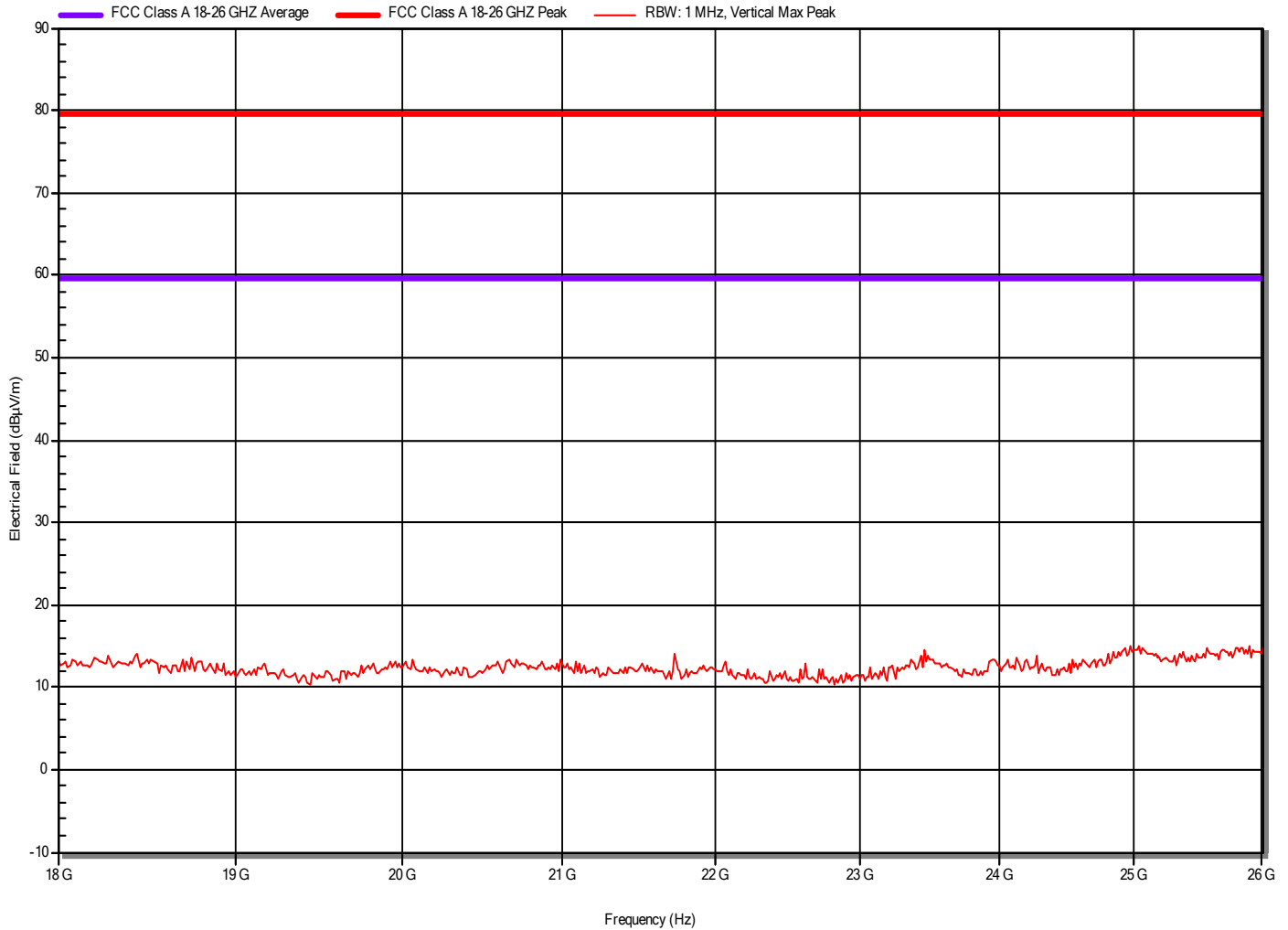
Radiated RF Emission Measurements – Vertical Polarisation - Side1- 13 to 18 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit	Pk Delta Limit	AV Delta Limit	Result
Peak emissions are more than 10dB below the limits							Pass

RadiMation



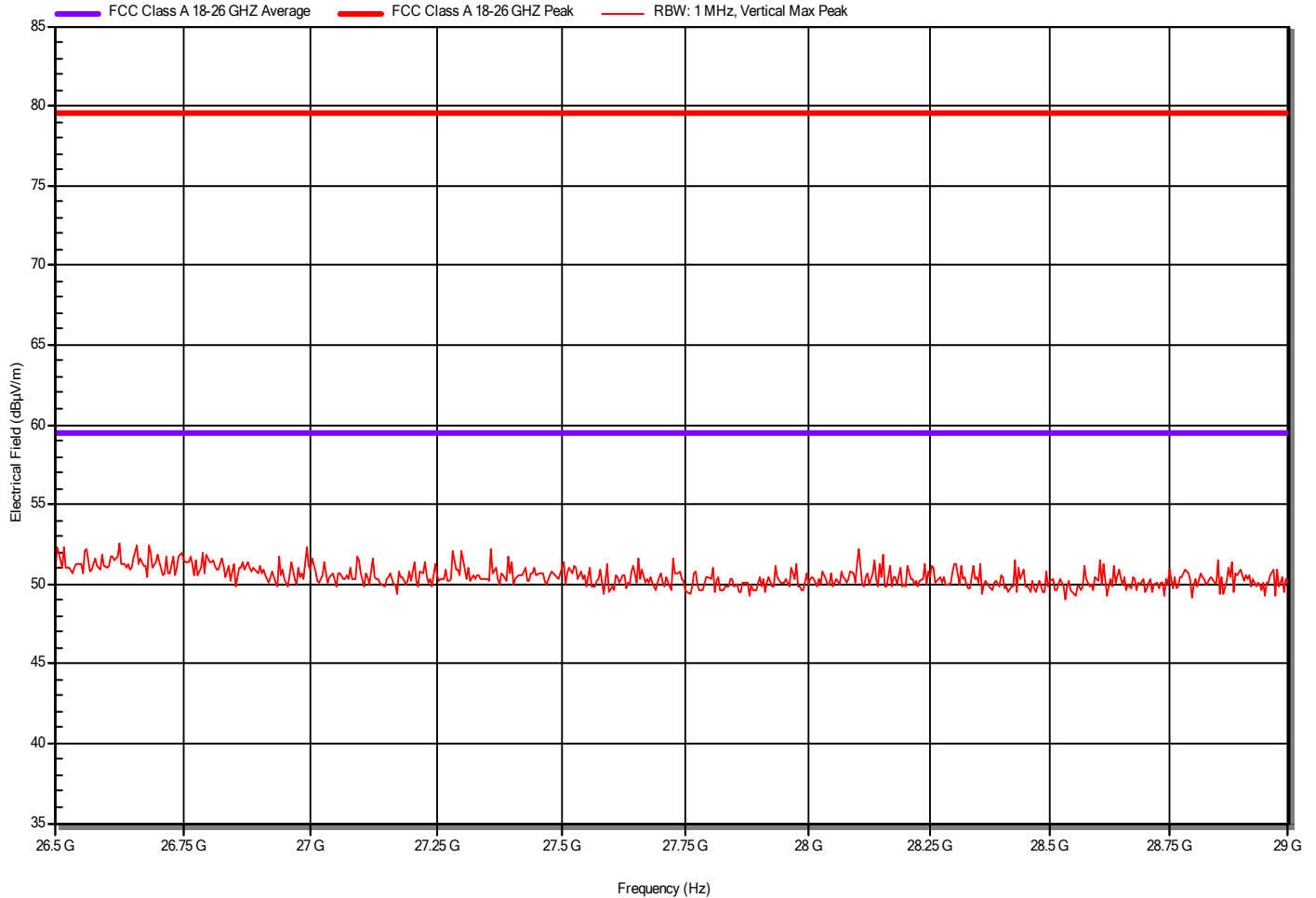
Radiated RF Emission Measurements – Vertical Polarisation - Side1- 18 to 26 GHz							
Frequency (GHz)	Peak (dB μ V/m)	Peak Limit (dB μ V/m)	Average (dB μ V/m)	Average Limit	Pk Delta Limit	AV Delta Limit	Result
Peak emissions are more than 10dB below the limits							Pass

RadiMation



Radiated RF Emission Measurements – Vertical Polarisation – Side1- 26 to 29 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit	Pk Delta Limit	AV Delta Limit	Result
Peak emissions are more than 10dB below the limits							Pass

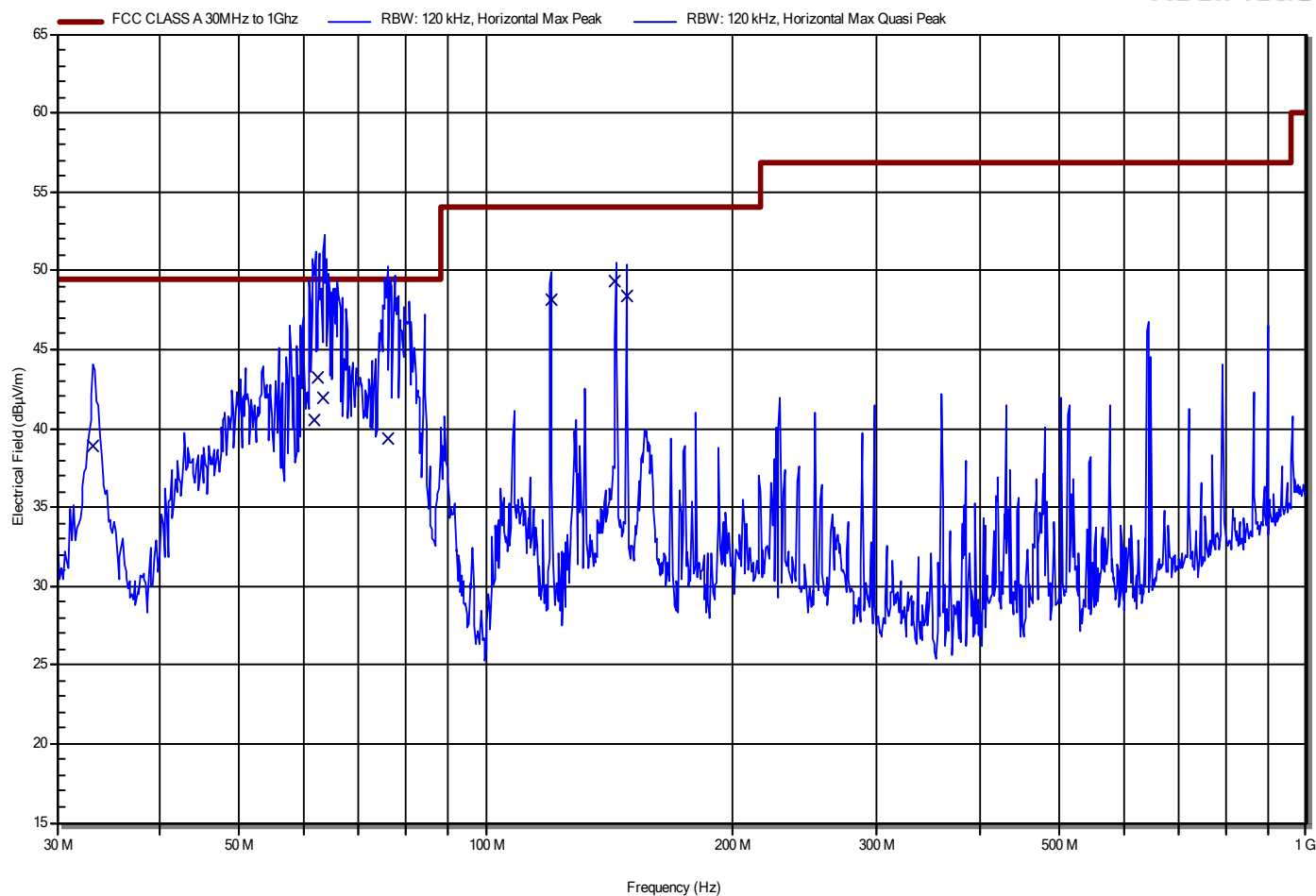
RadiMation



Radiated RF Emission Measurements – Horizontal Polarisation – Side1- 30 MHz to 1GHz

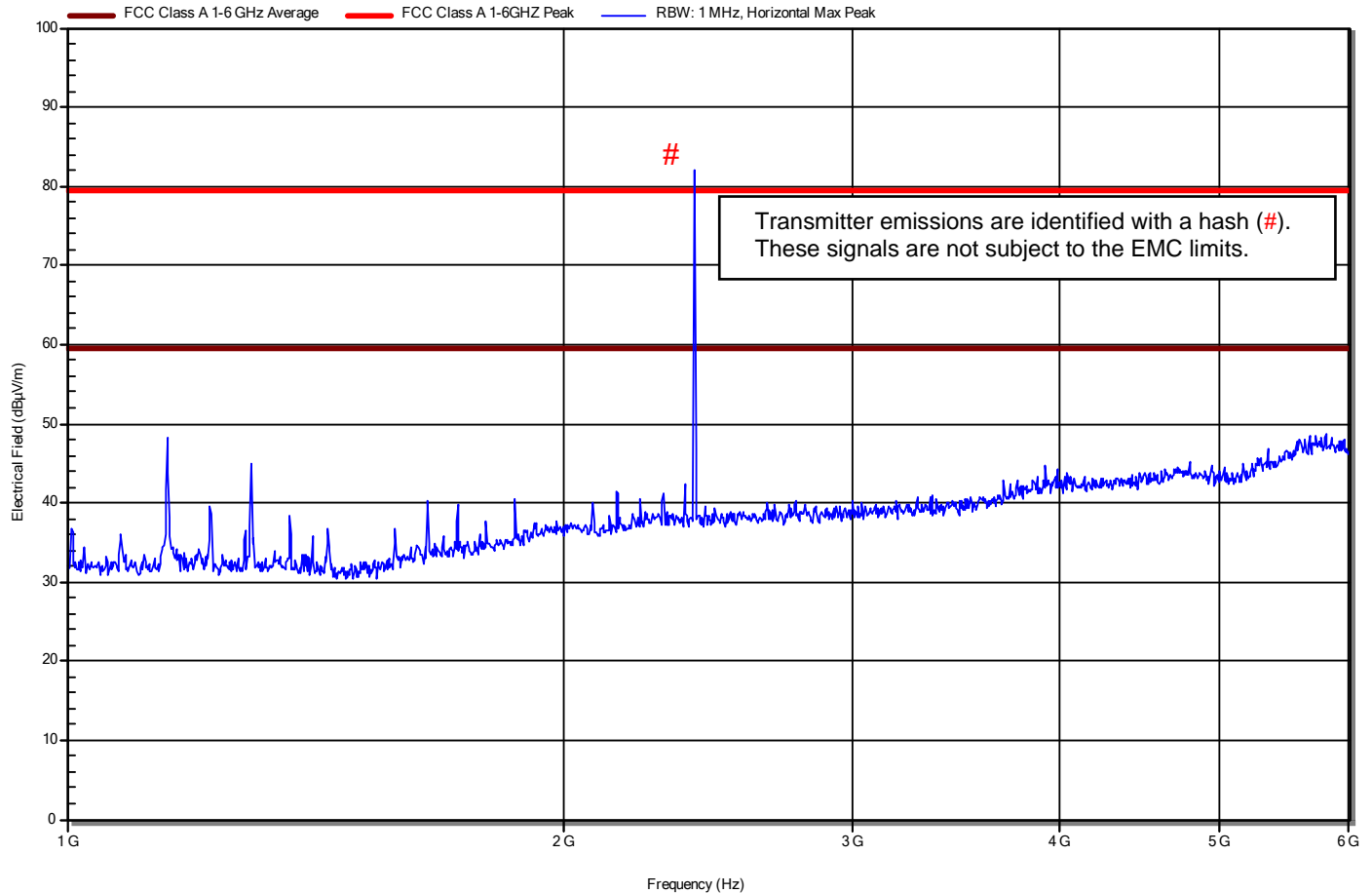
Frequency (MHz)	Quasi-Peak (dB μ V/m)	Quasi-Peak Limit (dB μ V/m)	Delta Limit (dB)	Result
33.22	38.8	49.5	-10.7	Pass
63.38	42	49.5	-7.5	Pass
61.84	40.5	49.5	-9.0	Pass
62.54	43.2	49.5	-6.3	Pass
75.87	39.3	49.5	-10.2	Pass
143.68	49.3	54	-4.7	Pass
148.49	48.4	54	-5.6	Pass
120.04	48.1	54	-5.9	Pass

RadiMation



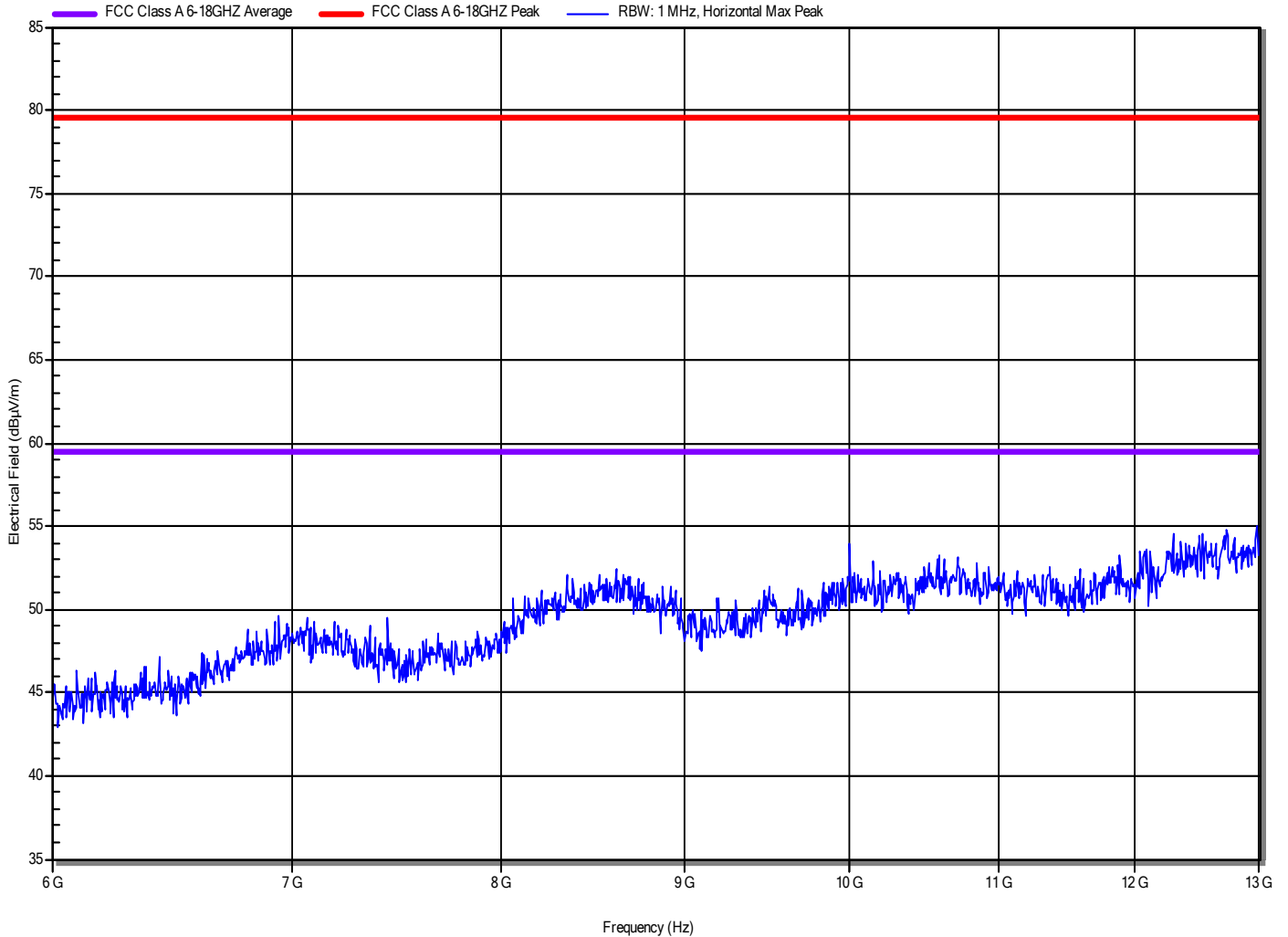
Radiated RF Emission Measurements – Horizontal Polarisation - Side1- 1 to 6 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit	Pk Delta Limit	AV Delta Limit	Result
Peak emissions are more than 10dB below the limits							Pass

RadiMation



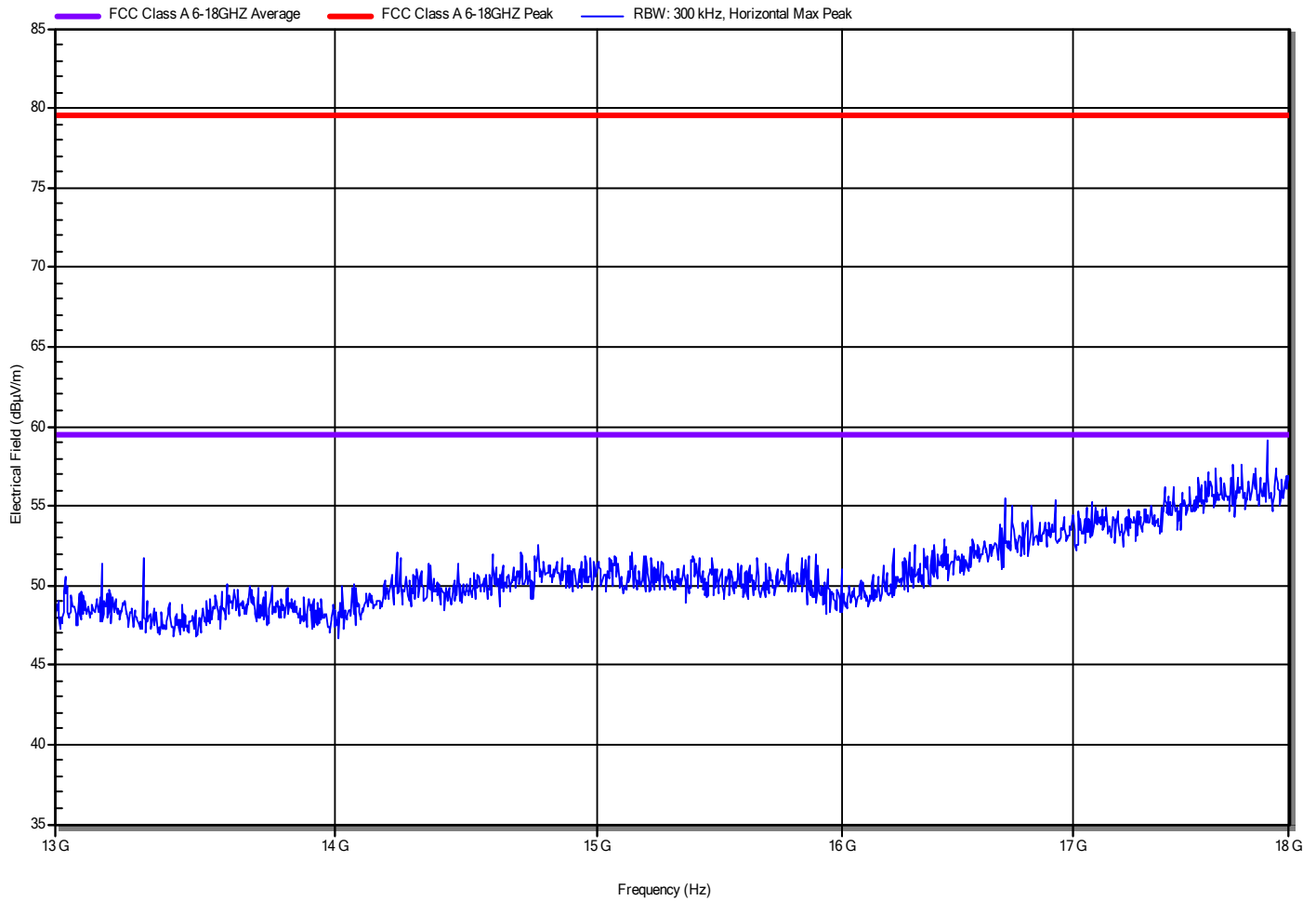
Radiated RF Emission Measurements – Horizontal Polarisation - Side1- 6 to 13 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit	Pk Delta Limit	AV Delta Limit	Result
Peak emissions are more than 10dB below the limits							Pass

RadiMation



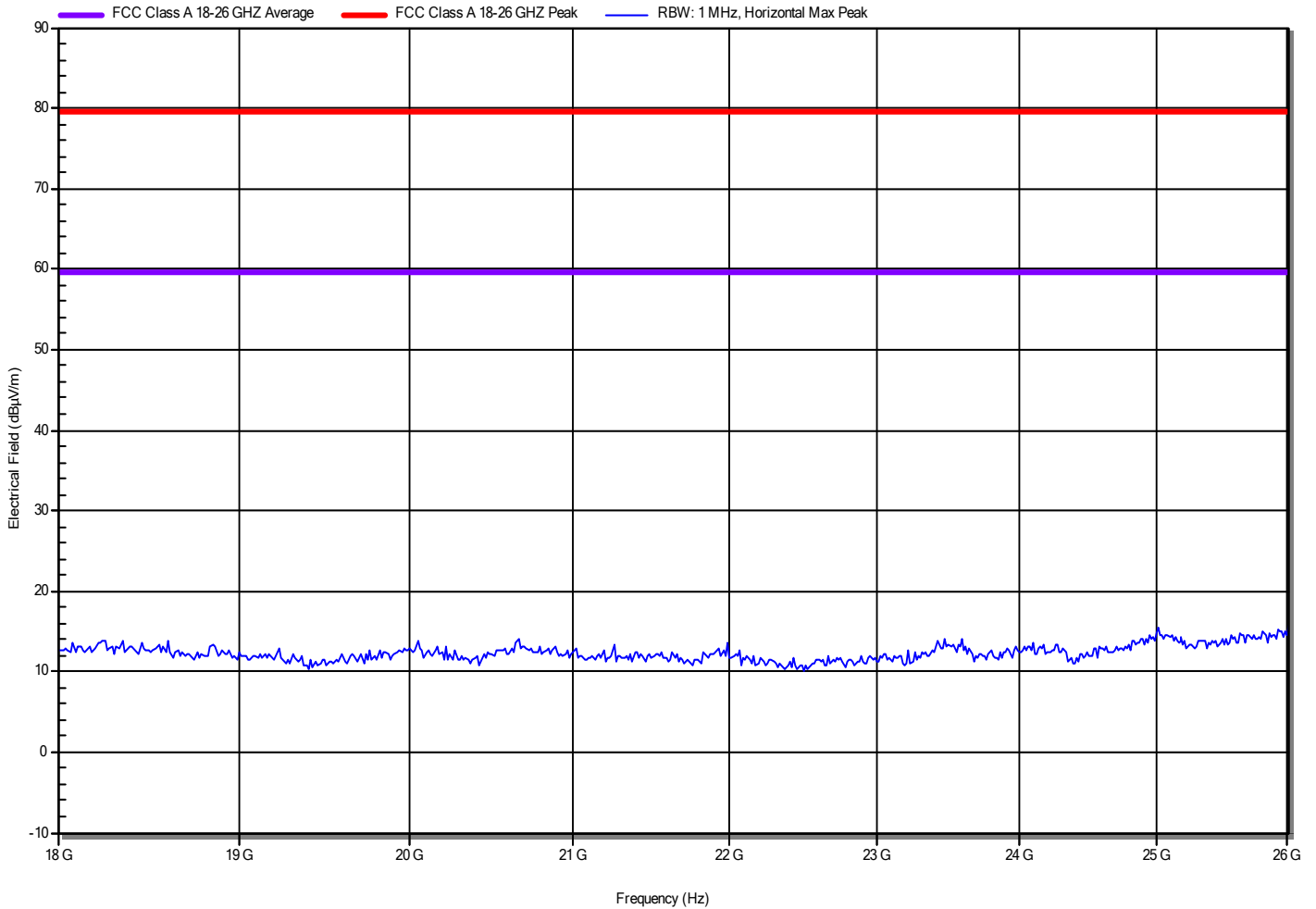
Radiated RF Emission Measurements – Horizontal Polarisation - Side1- 13 to 18 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit (dBµV/m)	Pk Delta Limit (dB)	AV Delta Limit (dB)	Result
Peak emissions are more than 10dB below the limits							Pass

RadiMation



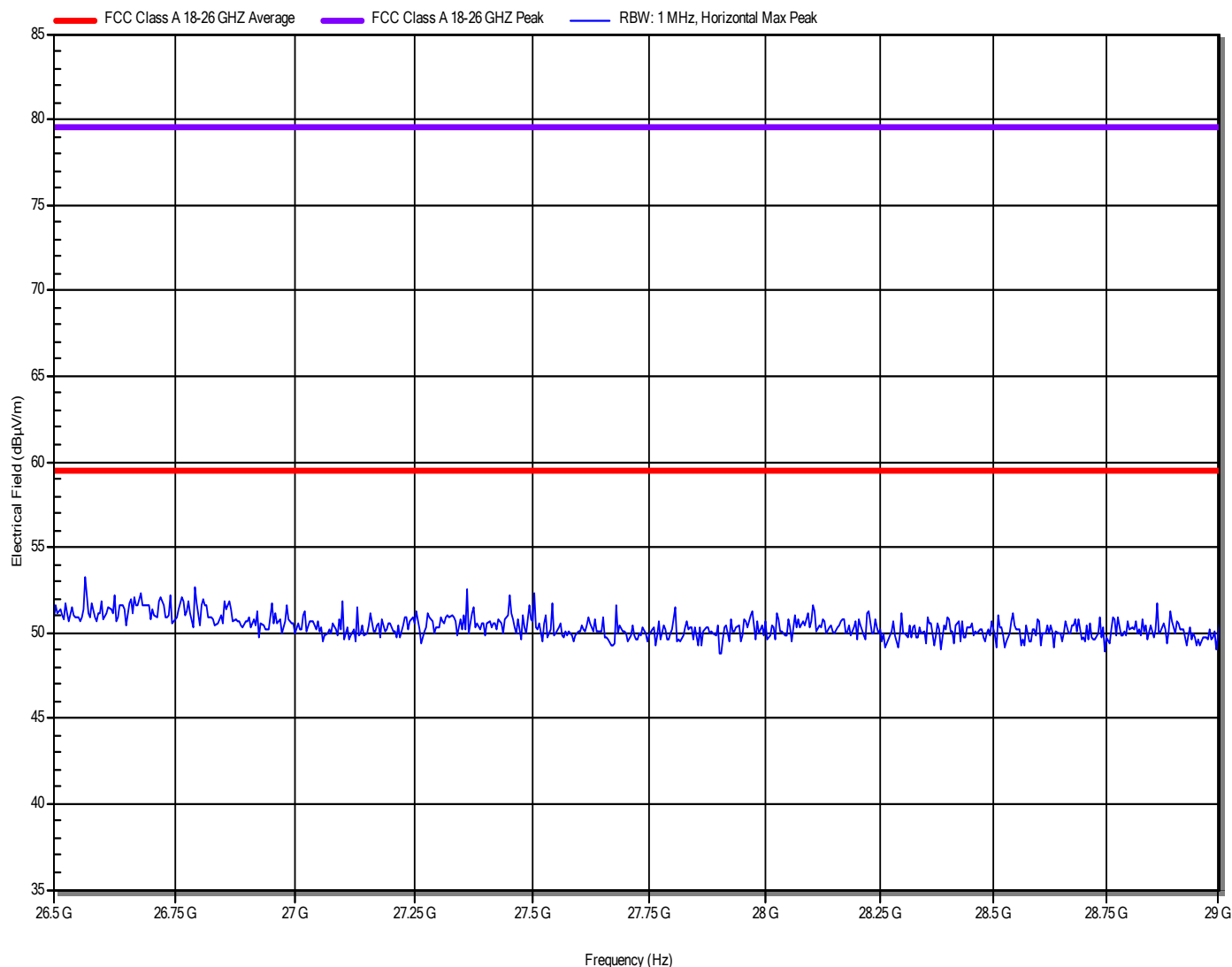
Radiated RF Emission Measurements – Horizontal Polarisation - Side1- 18 to 26 GHz							Result
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit	Pk Delta Limit	AV Delta Limit	
Peak emissions are more than 10dB below the limits							Pass

RadiMation



Radiated RF Emission Measurements – Horizontal Polarisation – Side1- 26 to 29 GHz							
Frequency (GHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Average (dBµV/m)	Average Limit	Pk Delta Limit	AV Delta Limit	Result
Peak emissions are more than 10dB below the limits							Pass

RadiMation



11.6 ASSESSMENT

The Betline SST Cash Kiosk (15302-GA00x) complied with the CFR 47, Chapter 1, Subpart A, Part 15, Subpart B (Class A limits) radiated RF emission requirements.

12. CONCLUSION

The **Betline SST Cash Kiosk (15302-GA00x)** complied with the conducted and radiated RF emission requirements detailed in CFR 47, Chapter 1, Subpart A, Part 15, Subpart B (Class A limits).