

FCC Test Report

Omni-ID Model: Sense Asset

In accordance with FCC 47 CFR Part 15B

Prepared for: Omni-ID
The Enterprise Centre, Coxbridge Business Park,
Alton Road, Farnham, Surrey, GU10 5EH
UNITED KINGDOM

FCC ID: 2AYW9-SENSE



Add value.
Inspire trust.

COMMERCIAL-IN-CONFIDENCE

Document 75949856-02 Issue 03

SIGNATURE

A handwritten signature in black ink, appearing to read "Andy Lawson".

| NAME | JOB TITLE | RESPONSIBLE FOR | ISSUE DATE |
|-------------|-----------------|----------------------|--------------|
| Andy Lawson | Senior Engineer | Authorised Signatory | 30 July 2021 |

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD document control rules.

ENGINEERING STATEMENT

The measurements shown in this report were made in accordance with the procedures described on test pages. All reported testing was carried out on a sample equipment to demonstrate limited compliance with FCC 47 CFR Part 15B. The sample tested was found to comply with the requirements defined in the applied rules.

| RESPONSIBLE FOR | NAME | DATE | SIGNATURE |
|-----------------|-----------------|--------------|-----------|
| Testing | Anthony Hubbard | 30 July 2021 | |
| Testing | Graeme Lawler | 30 July 2021 | |

FCC Accreditation

90987 Octagon House, Fareham Test Laboratory

EXECUTIVE SUMMARY

A sample of this product was tested and found to be compliant with FCC 47 CFR Part 15B: 2019 for the tests detailed in section 1.3.



DISCLAIMER AND COPYRIGHT

This non-binding report has been prepared by TÜV SÜD with all reasonable skill and care. The document is confidential to the potential Client and TÜV SÜD. No part of this document may be reproduced without the prior written approval of TÜV SÜD. © 2021 TÜV SÜD. This report relates only to the actual item/items tested.

ACCREDITATION

Our UKAS Accreditation does not cover opinions and interpretations and any expressed are outside the scope of our UKAS Accreditation. Results of tests not covered by our UKAS Accreditation Schedule are marked NUA (Not UKAS Accredited).

TÜV SÜD
is a trading name of TUV SUD Ltd
Registered in Scotland at East Kilbride,
Glasgow G75 0QF, United Kingdom
Registered number: SC215164

TUV SUD Ltd is a
TÜV SÜD Group Company

Phone: +44 (0) 1489 558100
Fax: +44 (0) 1489 558101
www.tuv-sud.co.uk

TÜV SÜD
Octagon House
Concorde Way
Fareham
Hampshire PO15 5RL
United Kingdom

Contents

| | | |
|----------|-----------------------------------|-----------|
| 1 | Report Summary | 2 |
| 1.1 | Report Modification Record | 2 |
| 1.2 | Introduction | 2 |
| 1.3 | Brief Summary of Results | 3 |
| 1.4 | Declaration of Build Status | 4 |
| 1.5 | Product Information | 5 |
| 1.6 | Deviations from the Standard | 5 |
| 1.7 | EUT Modification Record | 5 |
| 1.8 | Test Location | 6 |
| 2 | Test Details | 7 |
| 2.1 | Radiated Disturbance | 7 |
| 3 | Test Equipment Information | 33 |
| 3.1 | General Test Equipment Used | 33 |
| 4 | Incident Reports | 34 |
| 5 | Measurement Uncertainty | 35 |

1 Report Summary

1.1 Report Modification Record

Alterations and additions to this report will be issued to the holders of each copy in the form of a complete document.

| Issue | Description of Change | Date of Issue |
|-------|---|---------------|
| 1 | First Issue | 13 July 2021 |
| 2 | To amend the details in Test Configuration section. | 14 July 2021 |
| 3 | To amend the Hardware version | 30 July 2021 |

Table 1

1.2 Introduction

| | |
|-------------------------------|--|
| Applicant | Omni-ID |
| Manufacturer | Omni-ID |
| Model Number(s) | Sense Asset |
| Serial Number(s) | Not Serialised (Storix ID FAR-551011-08) |
| Hardware Version(s) | F |
| Software Version(s) | 1.7 |
| Number of Samples Tested | 1 |
| Test Specification/Issue/Date | FCC 47 CFR Part 15B: 2019 |
| Order Number | 20200033 |
| Date | 27-August-2020 |
| Date of Receipt of EUT | 11-February-2021 |
| Start of Test | 23-February-2021 |
| Finish of Test | 11-July-2021 |
| Name of Engineer(s) | Anthony Hubbard and Graeme Lawler |
| Related Document(s) | ANSI C63.4: 2014 |



1.3 Brief Summary of Results

A brief summary of the tests carried out in accordance with FCC 47 CFR Part 15B is shown below.

| Section | Specification Clause | Test Description | Result | Comments/Base Standard |
|--|----------------------|----------------------|--------|------------------------|
| Configuration and Mode: Battery Powered - Idle | | | | |
| 2.1 | 15.109 | Radiated Disturbance | Pass | ANSI C63.4: 2014 |

Table 2



1.4 Declaration of Build Status

| MAIN EUT | |
|--|---|
| MANUFACTURING DESCRIPTION | BLE tag |
| MANUFACTURER | Omni Id |
| MODEL | Sense Asset |
| PART NUMBER | CP14885 |
| HARDWARE VERSION | F |
| SOFTWARE VERSION | 1.7 |
| PSU VOLTAGE/FREQUENCY/CURRENT | Battery Powered 3 V non-rechargeable |
| HIGHEST INTERNALLY GENERATED FREQUENCY | 2.45 GHz |
| FCC ID (if applicable) | 2AYW9-SENSE |
| INDUSTRY CANADA ID (if applicable) | N/A |
| TECHNICAL DESCRIPTION (a brief technical description of the intended use and operation) | A BLE tag used to locate personnel and Assets JTag advertises only and does not pair. |
| COUNTRY OF ORIGIN | China |
| RF CHARACTERISTICS (if applicable) | |
| TRANSMITTER FREQUENCY OPERATING RANGE (MHz) | 2.45 GHz |
| RECEIVER FREQUENCY OPERATING RANGE (MHz) | N/A |
| INTERMEDIATE FREQUENCIES | Not Stated |
| EMISSION DESIGNATOR(S): https://fccid.io/Emissions-Designator/ | 2K40FD |
| MODULATION TYPES: (i.e. GMSK, QPSK) | FSK |
| OUTPUT POWER (W or dBm) | +8dBm |
| SEPARATE BATTERY/POWER SUPPLY (if applicable) | |
| MODULES (if applicable) | |
| ANCILLARIES (if applicable) | |

I hereby declare that the information supplied is correct and complete.

Name: Charles Vilner
Position held: Omni-id Engineering Director
Date 10 February 2021



1.5 Product Information

1.5.1 Technical Description

The Equipment under test (EUT) was an Omni-ID sense asset.

The EUT was a BLE tag reader used to locate personnel and asset, Tag for advertisement and does not pair.

1.5.2 Test Configuration

| Configuration | Description |
|-----------------|---|
| Battery Powered | The EUT was powered by a LiPo primary battery; CP502440N. |

Table 3

1.5.3 Modes of Operation

| Mode | Description |
|------|--|
| Idle | The Bluetooth transmitter was put into a sleep mode. |

Table 4

1.6 Deviations from the Standard

No deviations from the applicable test standard were made during testing.

1.7 EUT Modification Record

The table below details modifications made to the EUT during the test programme.

The modifications incorporated during each test are recorded on the appropriate test pages.

| Modification State | Description of Modification still fitted to EUT | Modification Fitted By | Date Modification Fitted |
|---|---|------------------------|--------------------------|
| Model: Sense Asset, Serial Number: Not Serialised (Storix ID FAR-551011-08) | | | |
| 0 | As supplied by the customer | Not Applicable | Not Applicable |

Table 5



1.8 Test Location

TÜV SÜD conducted the following tests at our Fareham Test Laboratory.

| Test Name | Name of Engineer(s) | Accreditation |
|--|-----------------------------------|---------------|
| Configuration and Mode: Battery Powered - Idle | | |
| Radiated Disturbance | Anthony Hubbard and Graeme Lawler | UKAS |

Table 6

Office Address:

TÜV SÜD
Octagon House
Concorde Way
Fareham
Hampshire
PO15 5RL
United Kingdom



2 Test Details

2.1 Radiated Disturbance

2.1.1 Specification Reference

FCC 47 CFR Part 15B, Clause 15.109

2.1.2 Equipment Under Test and Modification State

Sense Asset, S/N: Not Serialised (Storix ID FAR-551011-08) - Modification State 0

2.1.3 Date of Test

23-February-2021 to 11-July-2021

2.1.4 Test Method

The EUT was set up on a non-conductive table 0.8 m above a reference ground plane within a semi-anechoic chamber on a remotely controlled turntable.

A pre-scan of the EUT emissions profile using a peak detector was made at a 3 m antenna distance whilst varying the antenna-to-EUT azimuth and polarisation.

As the EUT could reasonable be used in multiple planes, pre-scans were performed with the EUT orientated in X, Y and Z planes with reference to the ground plane.

Using a list of the highest emissions detected during the pre-scan along with their bearing and associated antenna polarisation, the EUT was then formally measured using a Quasi-Peak, Peak or CISPR Average detector as appropriate.

The readings were maximised by adjusting the antenna height, polarisation and turntable azimuth, in accordance with the specification.

2.1.5 Example Calculation

Below 1 GHz:

$$\begin{aligned}\text{Quasi-Peak level (dB}\mu\text{V/m)} &= \text{Receiver level (dB}\mu\text{V)} + \text{Correction Factor (dB/m)} \\ \text{Margin (dB)} &= \text{Quasi-Peak level (dB}\mu\text{V/m)} - \text{Limit (dB}\mu\text{V/m)}\end{aligned}$$

Above 1 GHz:

$$\begin{aligned}\text{CISPR Average level (dB}\mu\text{V/m)} &= \text{Receiver level (dB}\mu\text{V)} + \text{Correction Factor (dB/m)} \\ \text{Margin (dB)} &= \text{CISPR Average level (dB}\mu\text{V/m)} - \text{Limit (dB}\mu\text{V/m)}\end{aligned}$$

$$\begin{aligned}\text{Peak level (dB}\mu\text{V/m)} &= \text{Receiver level (dB}\mu\text{V)} + \text{Correction Factor (dB/m)} \\ \text{Margin (dB)} &= \text{Peak level (dB}\mu\text{V/m)} - \text{Limit (dB}\mu\text{V/m)}\end{aligned}$$

2.1.6 Example Test Setup Diagram

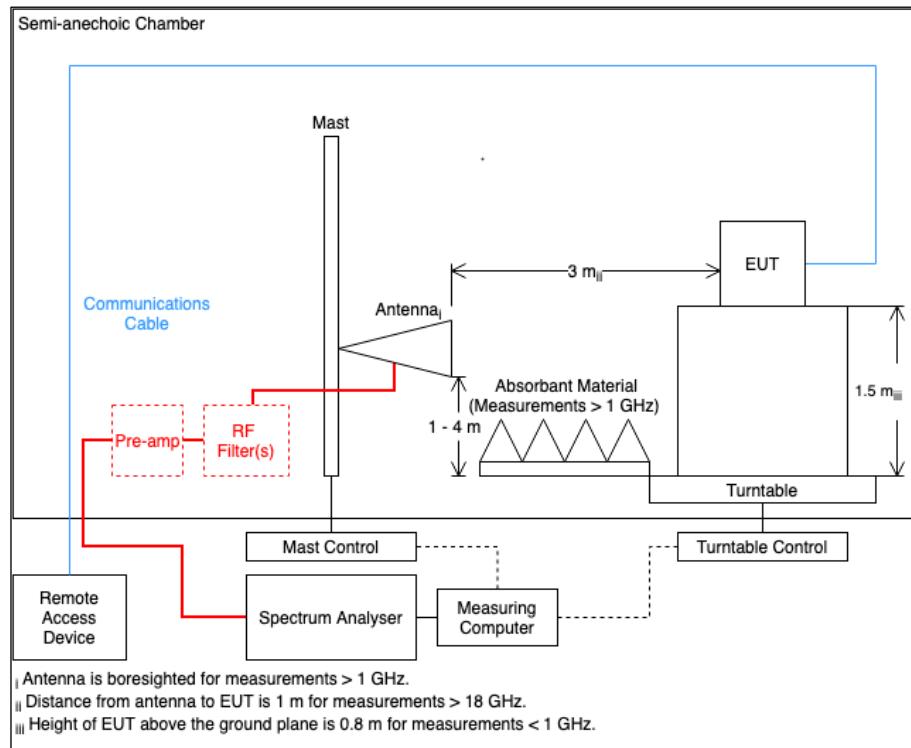


Figure 1

2.1.7 Environmental Conditions

Ambient Temperature 19.5 - 22.4 °C
Relative Humidity 35.1 - 62.4%

2.1.8 Specification Limits

| Required Specification Limits, Field Strength - Class B Test Limit at a 3 m Measurement Distance | | |
|--|-------------------|---------------------|
| Frequency Range (MHz) | Test Limit (µV/m) | Test Limit (dBµV/m) |
| 30 to 88 | 100 | 40.0 |
| 88 to 216 | 150 | 43.5 |
| 216 to 960 | 200 | 46.0 |
| Above 960 | 500 | 54.0 |

Supplementary information:

Note 1. A Quasi-peak detector is to be used for measurements below 1 GHz.
Note 2. A CISPR Average detector is to be used for measurements above 1 GHz.
Note 3. The Peak test limit above 1 GHz is 20 dB higher than the CISPR Average test limit.

Table 7

2.1.9 Test Results

Results for Configuration and Mode: Battery Powered - Idle.

This test was performed to the requirements of the Class B limits.

Performance assessment of the EUT made during this test: Pass.

Detailed results are shown below.

Highest frequency generated or used within the EUT: 2481 MHz
Which necessitates an upper frequency test limit of: 13 GHz

The EUT is handheld, body-worn, or ceiling-mounted equipment and has therefore been tested in three different orientations in accordance with ANSI C63.4, Clause 6.3.2.1.

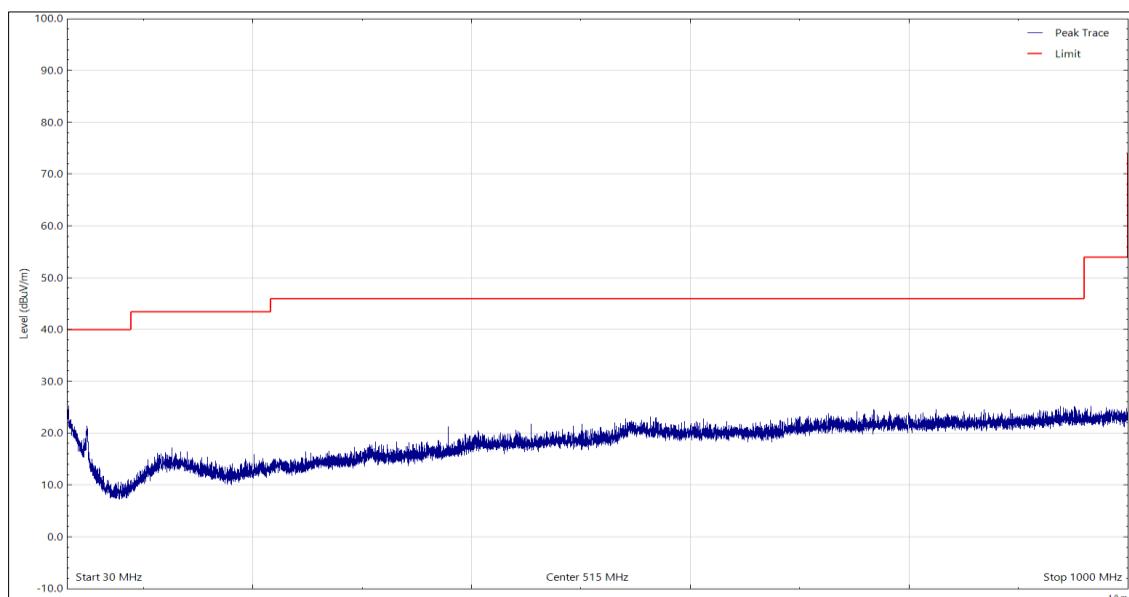


Figure 2 - 30 MHz to 1 GHz, Peak, Vertical - X Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 8

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

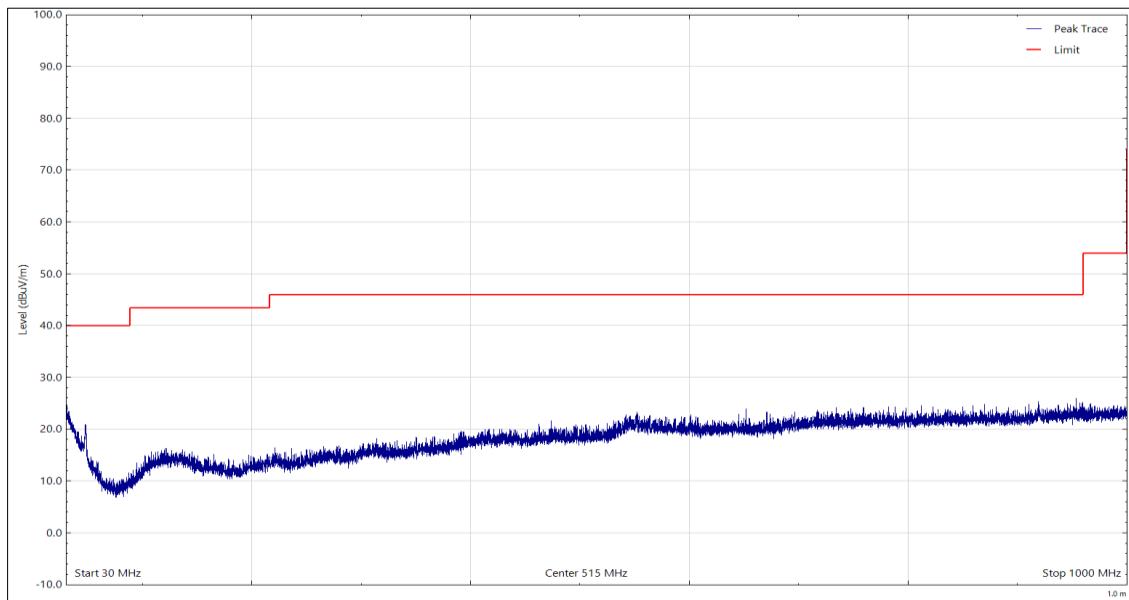


Figure 3 - 30 MHz to 1 GHz, Peak, Horizontal - X Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 9

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

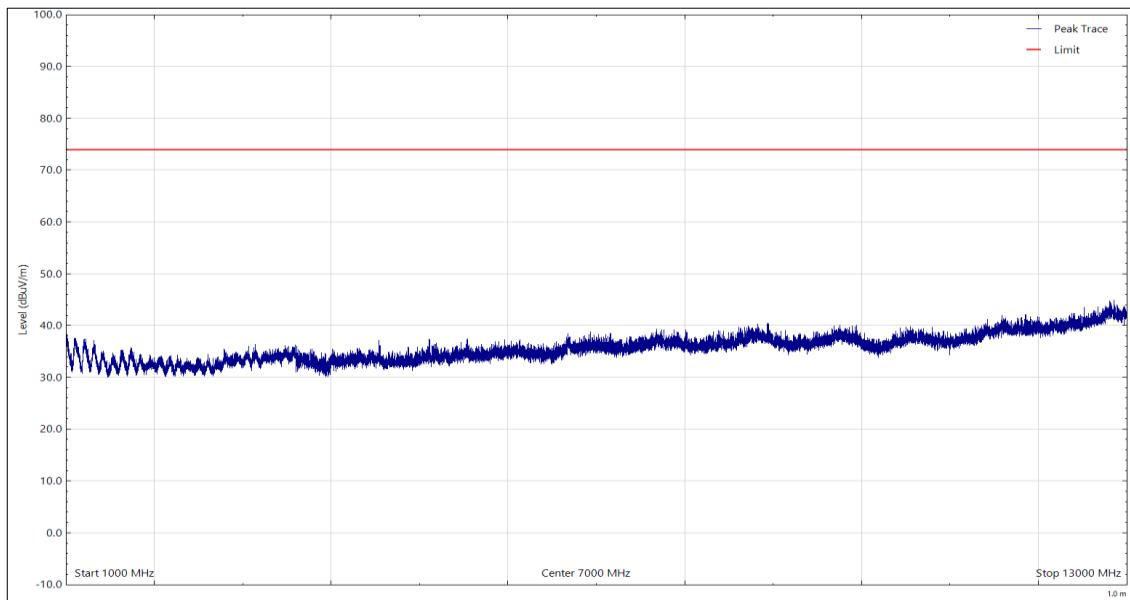


Figure 4 - 1 GHz to 13 GHz, Peak, Vertical - X Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 10

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

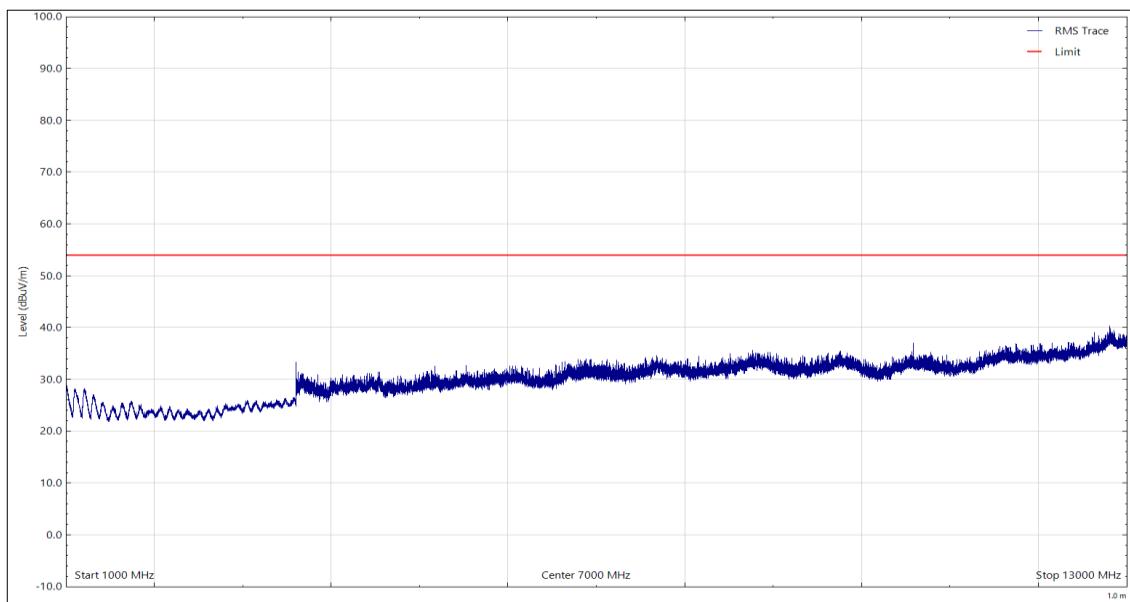


Figure 5 - 1 GHz to 13 GHz, RMS, Vertical - X Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 11

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

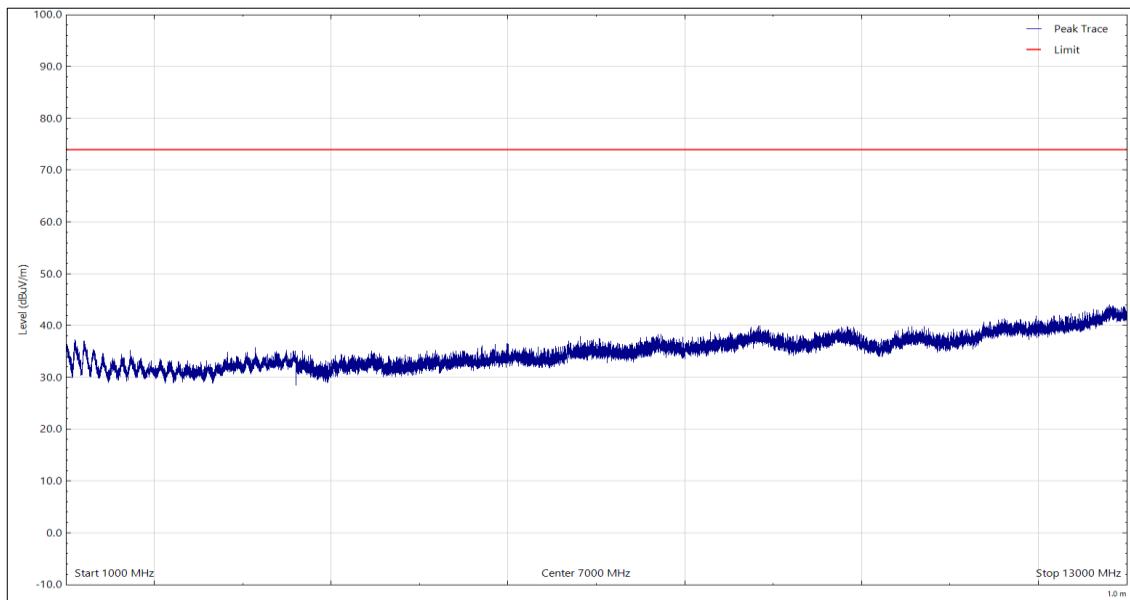


Figure 6 - 1 GHz to 13 GHz, Peak, Horizontal - X Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 12

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

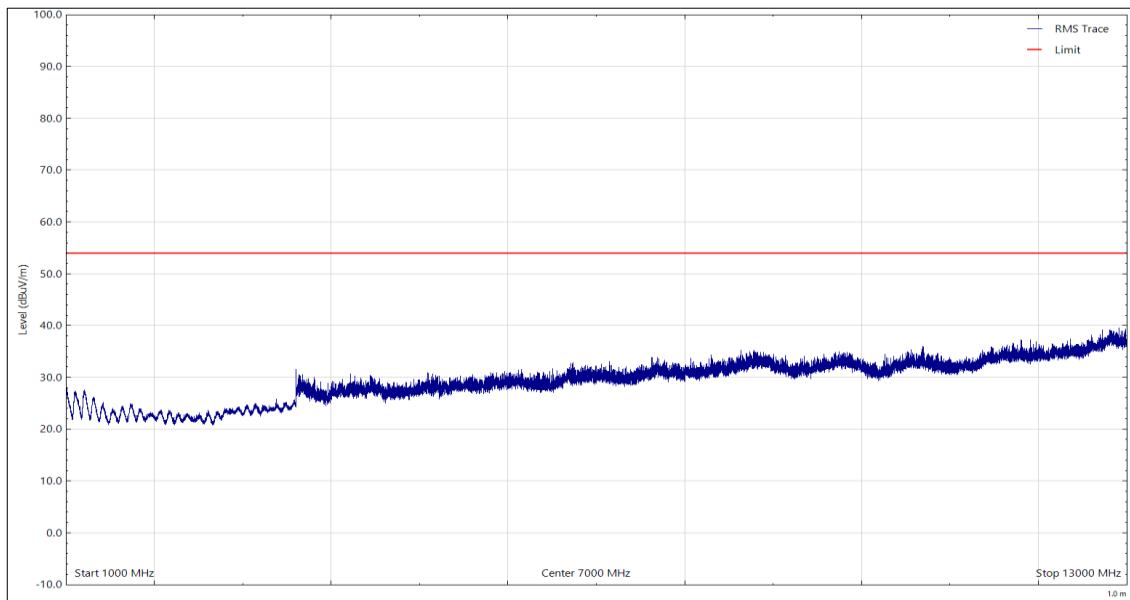


Figure 7 - 1 GHz to 13 GHz, RMS, Horizontal - X Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 13

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

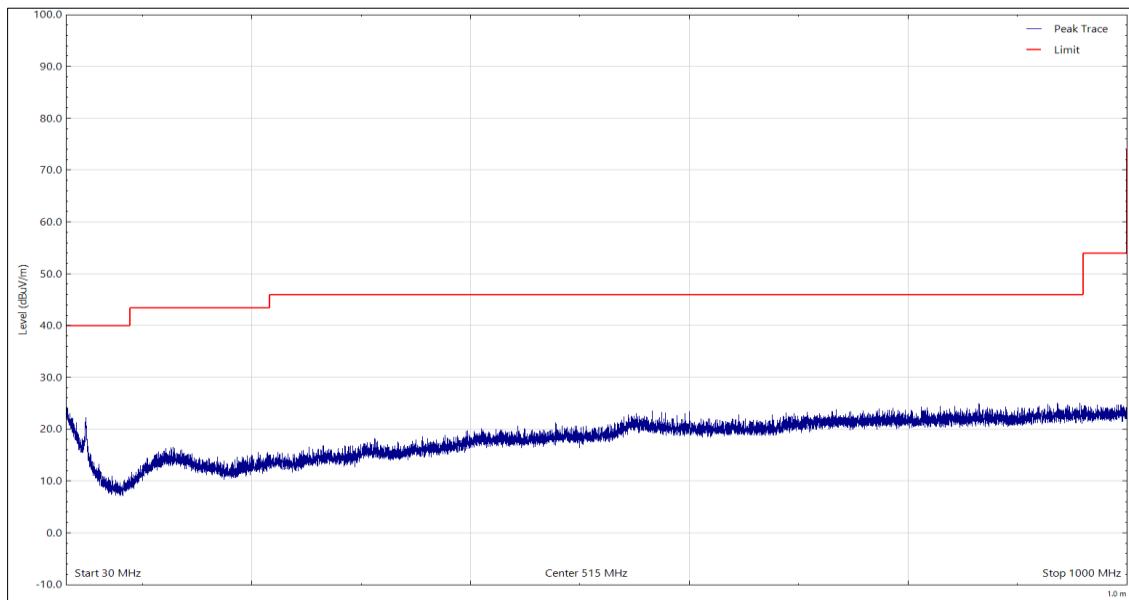


Figure 8 - 30 MHz to 1 GHz, Peak, Vertical - Y Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 14

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

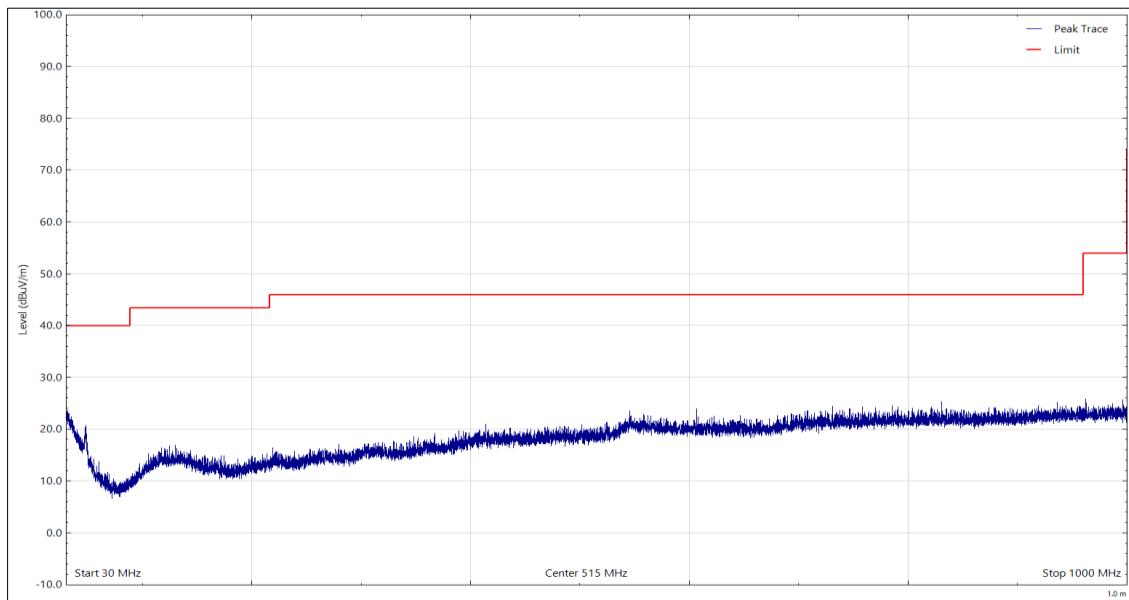


Figure 9 - 30 MHz to 1 GHz, Peak, Horizontal - Y Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 15

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

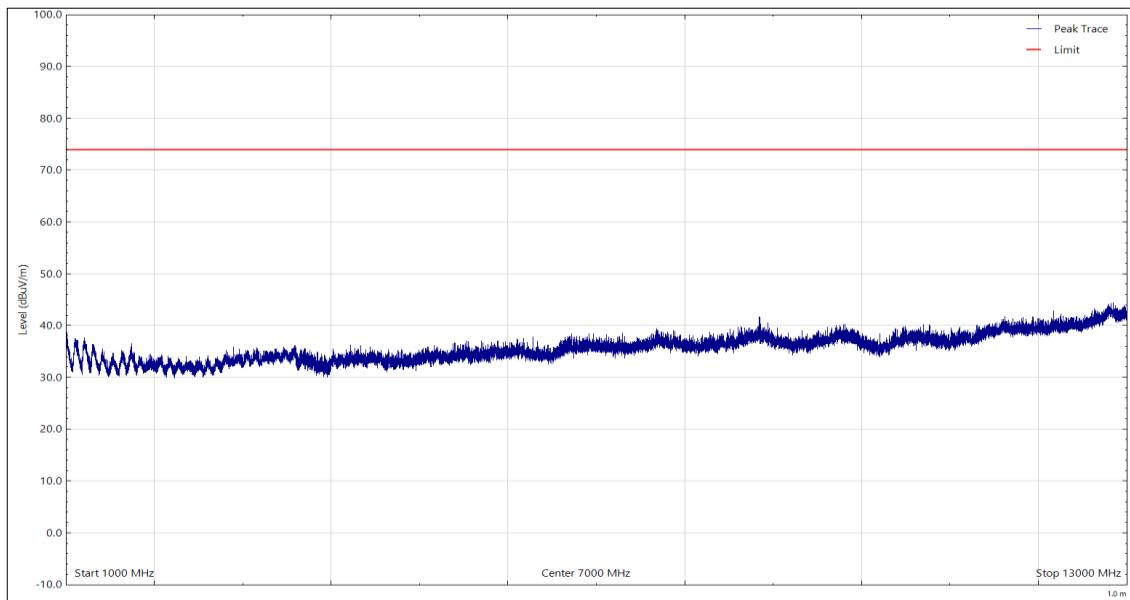


Figure 10 - 1 GHz to 13 GHz, Peak, Vertical - Y Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 16

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

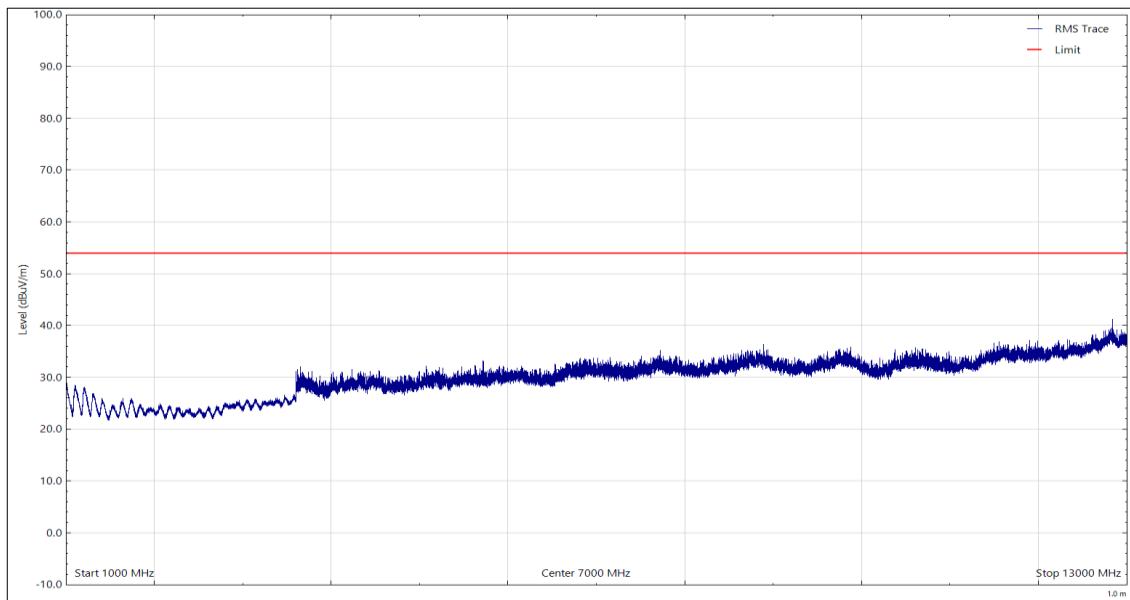


Figure 11 - 1 GHz to 13 GHz, RMS, Vertical - Y Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 17

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

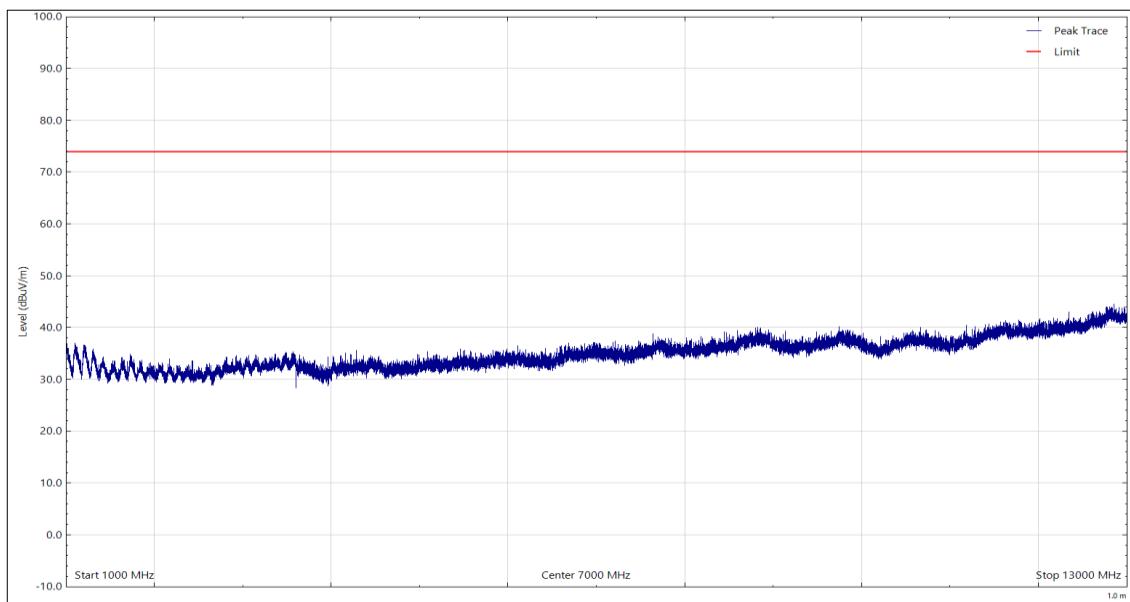


Figure 12 - 1 GHz to 13 GHz, Peak, Horizontal - Y Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 18

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

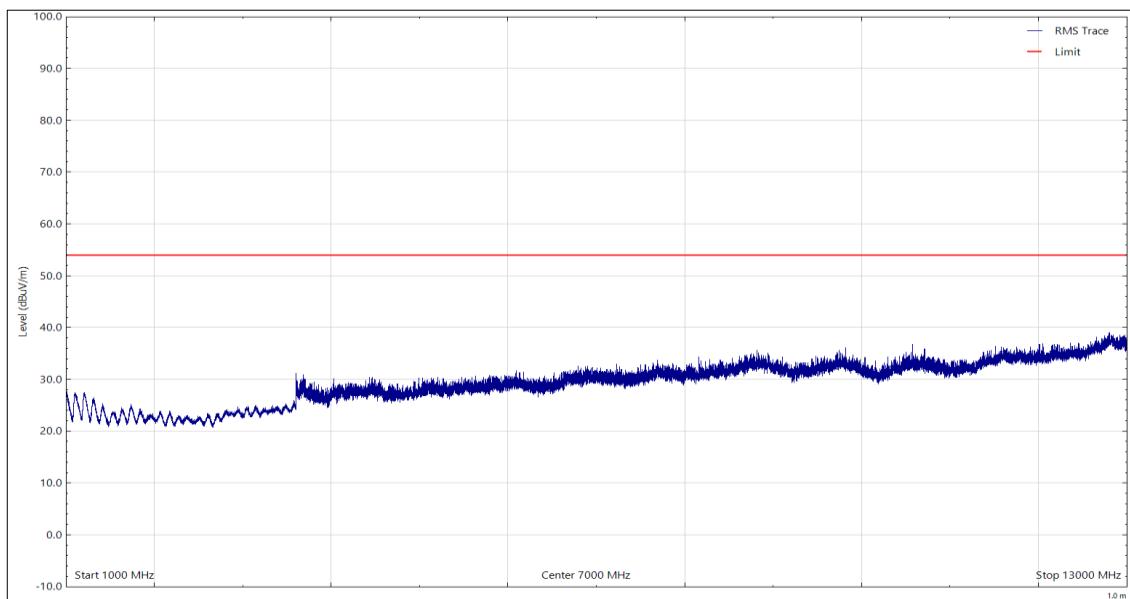


Figure 13 - 1 GHz to 13 GHz, RMS, Horizontal - Y Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 19

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

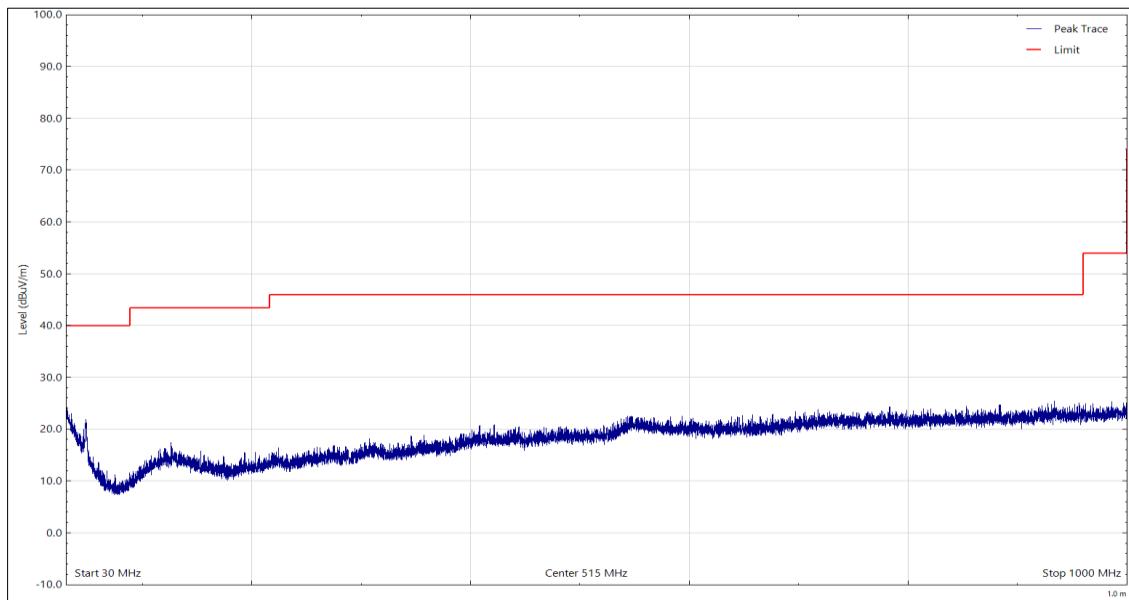


Figure 14 - 30 MHz to 1 GHz, Peak, Vertical - Z Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 20

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

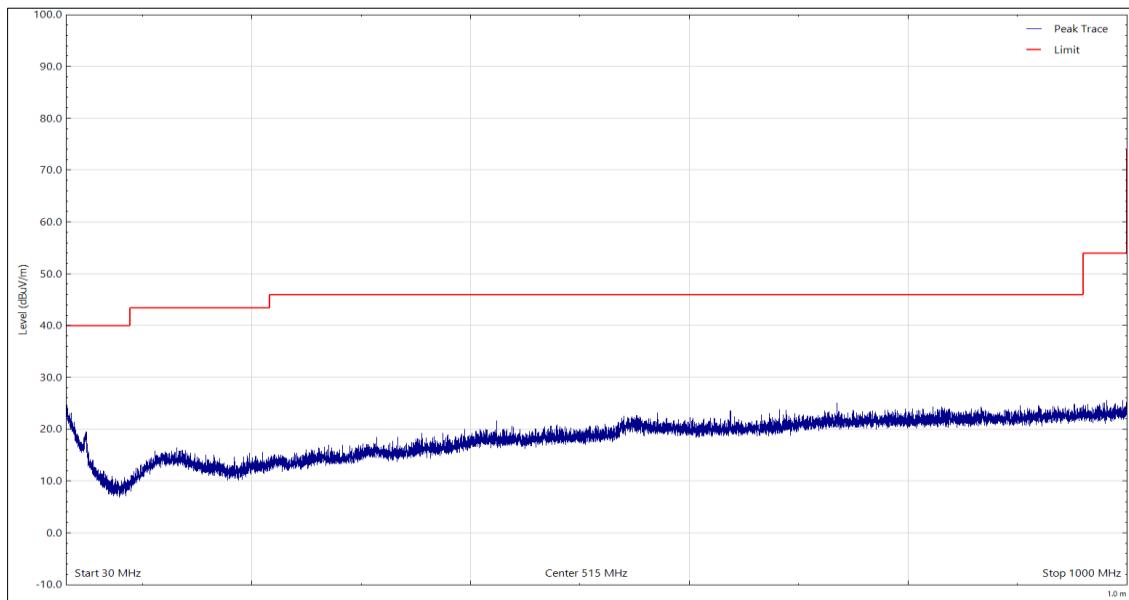


Figure 15 - 30 MHz to 1 GHz, Peak, Horizontal - Z Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 21

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

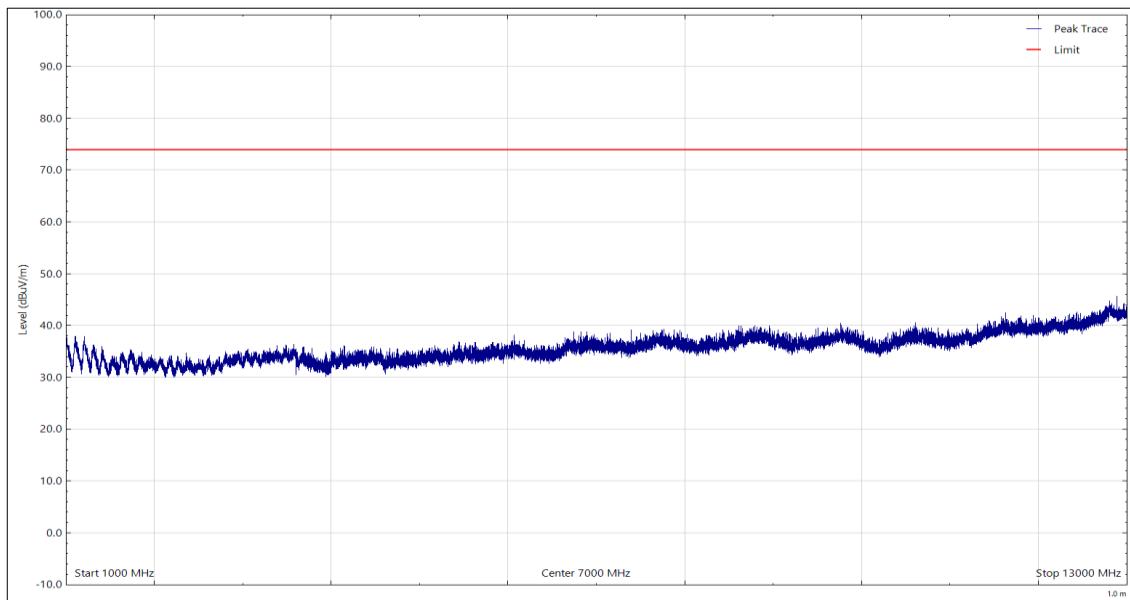


Figure 16 - 1 GHz to 13 GHz, Peak, Vertical - Z Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 22

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

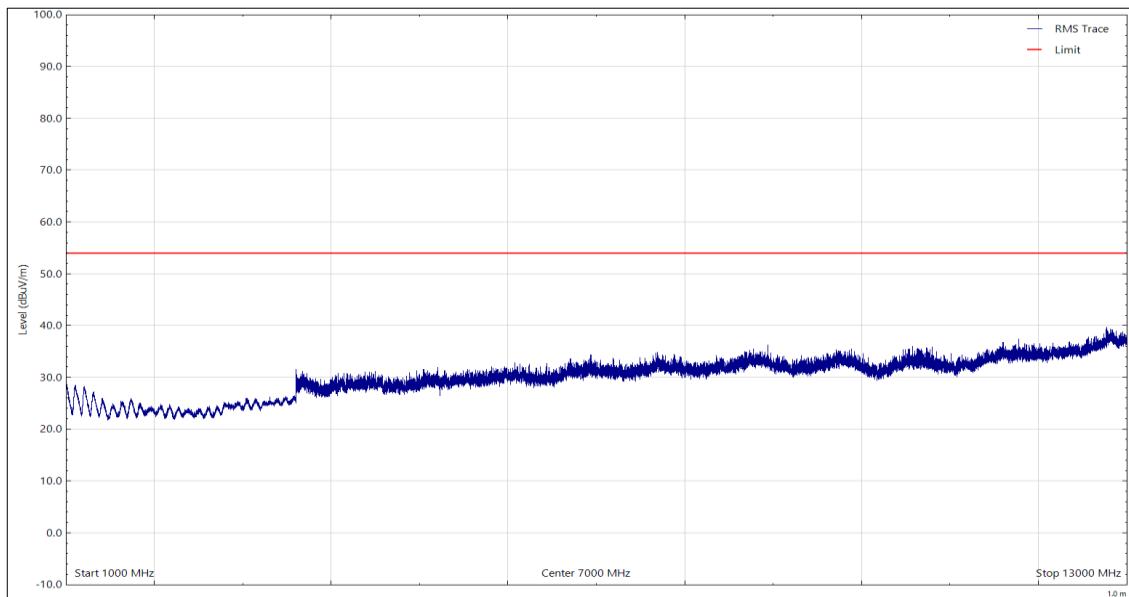


Figure 17 - 1 GHz to 13 GHz, RMS, Vertical - Z Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 23

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

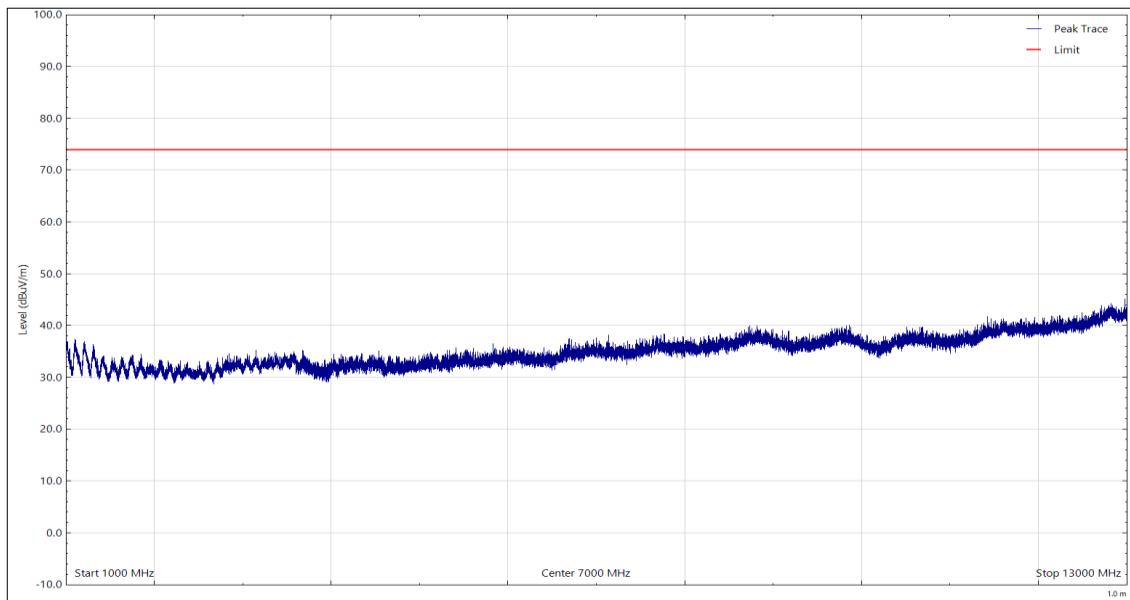


Figure 18 - 1 GHz to 13 GHz, Peak, Horizontal - Z Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 24

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

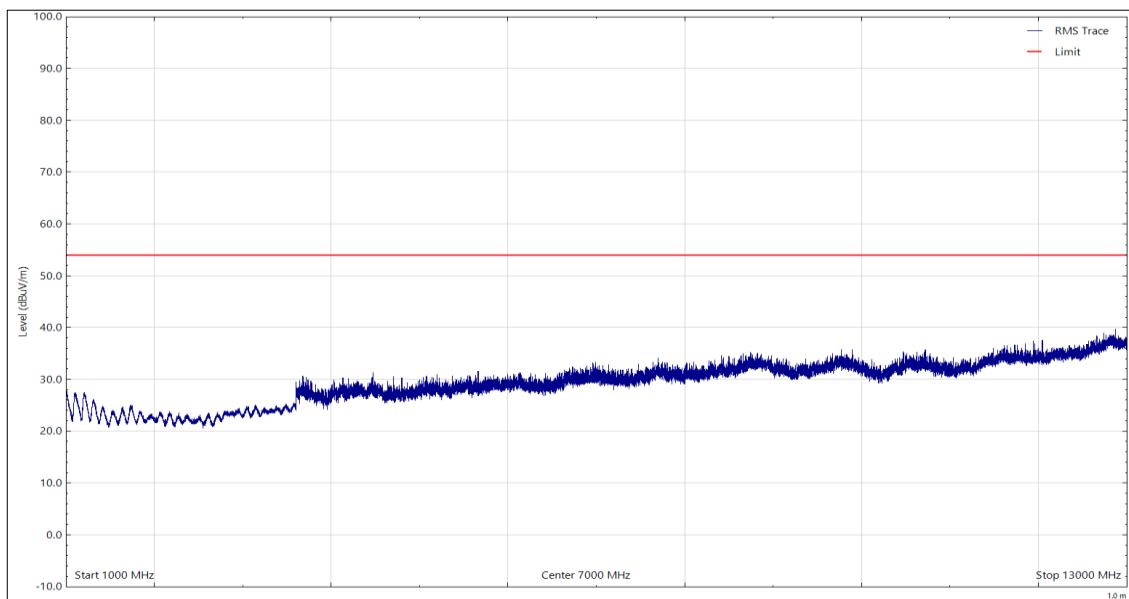


Figure 19 - 1 GHz to 13 GHz, RMS, Horizontal - Z Orientation

| Frequency (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Angle (°) | Height (cm) | Polarisation |
|-----------------|----------------|----------------|-------------|----------|-----------|-------------|--------------|
| * | | | | | | | |

Table 25

*No final measurements were made as all peak emissions seen above the measurement system noise floor during the pre-scan were greater than 10 dB below the test limit.

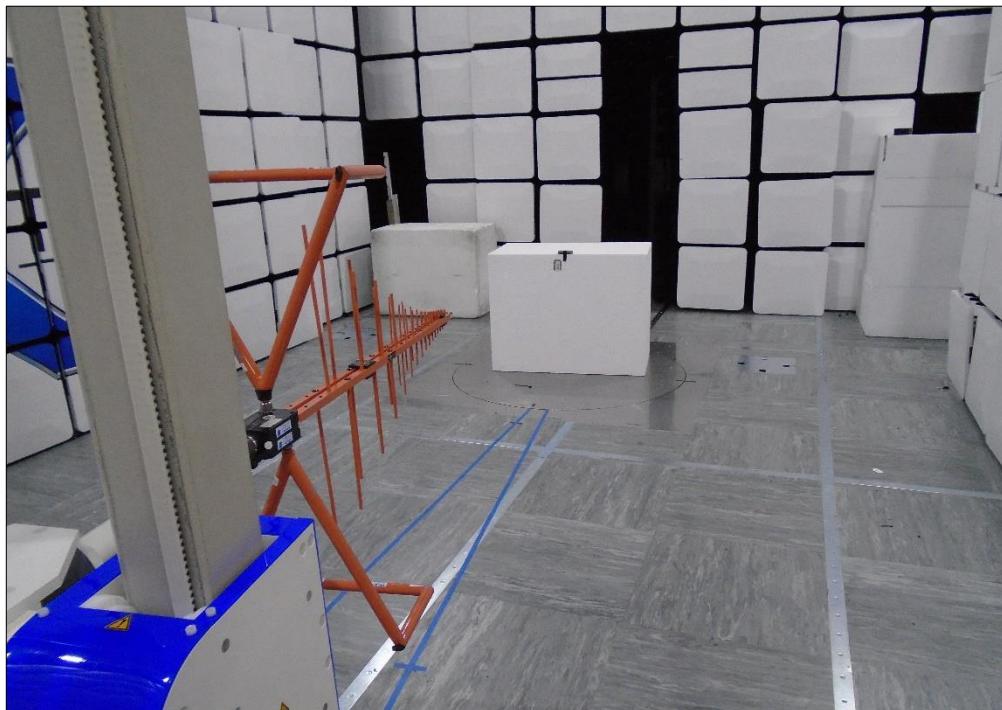


Figure 20 - Test Setup - 30 MHz to 1 GHz



Figure 21 - Test Setup - 1 GHz to 8 GHz



Figure 22 - Test Setup - 8 GHz to 13 GHz



Figure 23 - Orientation X



Figure 24 - Orientation Y



Figure 25 - Orientation Z

2.1.10 Test Location and Test Equipment Used

This test was carried out in EMC Chamber 12.

| Instrument | Manufacturer | Type No | TE No | Calibration Period (months) | Calibration Expires |
|---|-----------------|----------------------|-------|-----------------------------|---------------------|
| 3m Semi Anechoic Chamber | MVG | EMC-3 | 5621 | 36 | 11-Aug-2023 |
| EmX Emissions Software | TÜV SUD | V2.1.1 | 5125 | - | Software |
| Test Receiver | Rohde & Schwarz | ESW44 | 5379 | 12 | 15-Dec-2021 |
| Turntable & Mast Controller | Maturo GmbH | NCD/498/2799.01 | 5612 | - | TU |
| Tilt Antenna Mast TAM 4.0-P | Maturo GmbH | TAM 4.0-P | 5613 | - | TU |
| Turntable | Maturo GmbH | Turntable 1.5 SI-2t | 5614 | - | TU |
| Antenna with permanent attenuator (Bilog) | Schaffner | CBL6143 | 287 | 24 | 14-Oct-2022 |
| Comb Generator | Schaffner | RSG1000 | 3034 | - | TU |
| EMI Test Receiver | Rohde & Schwarz | ESU40 | 3506 | 12 | 18-Mar-2022 |
| Preamplifier (30dB 1GHz to 18GHz) | Schwarzbeck | BBV 9718 C | 5350 | 12 | 21-Sep-2021 |
| Broadband Horn Antenna (1-10 GHz) | Schwarzbeck | BBHA 9120 B | 5611 | 12 | 22-Sep-2021 |
| DRG Horn Antenna (7.5-18GHz) | Schwarzbeck | HWRD750 | 5610 | 12 | 22-Sep-2021 |
| 3.5 mm 2m Cable | Junkosha | MWX221-02000DMS | 5428 | 12 | 15-Oct-2021 |
| Thermo-Hygro-Barometer | PCE Instruments | PCE-THB-40 | 5481 | 12 | 31-Mar-2022 |
| 1m -SMA Cable | Junkosha | MWX221-01000AMSAMS/A | 5515 | 12 | 01-Apr-2021 |
| 8m N Type Cable | Junkosha | MWX221-08000NMSNMS/B | 5519 | 12 | 24-Mar-2021 |
| 3m Semi Anechoic Chamber | MVG | EMC-3 | 5621 | 36 | 11-Aug-2023 |
| Cable Assembly - 18GHz 8m | Junkosha | MWX221-08000NMSNMS/B | 5732 | 6 | 05-Aug-2021 |

Table 26

TU - Traceability Unscheduled

3 Test Equipment Information

3.1 General Test Equipment Used

| Instrument | Manufacturer | Type No | TE No | Calibration Period (months) | Calibration Expires |
|--|----------------------|---------------|-------|-----------------------------|---------------------|
| Antenna (Double Ridge Guide, 1GHz-18GHz) | EMCO | 3115 | 795 | 12 | 16-Oct-2021 |
| Spectrum Analyser | Agilent Technologies | E7405A | 1410 | 12 | 14-Oct-2021 |
| 8 Meter Cable | Teledyne | PR90-088-8MTR | 5212 | 12 | 03-Sep-2021 |
| Thermo-Hygro-Barometer | PCE Instruments | PCE-THB-40 | 5482 | - | 18-Mar-2021 |

Table 27



4 Incident Reports

No incidents reports were raised.



5 Measurement Uncertainty

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

| Test Name | Measurement Uncertainty |
|----------------------|---|
| Radiated Disturbance | 30 MHz to 1 GHz, Bilog Antenna, ± 5.2 dB 1 GHz to 40 GHz, Horn Antenna, ± 6.3 dB |

Table 28

Worst case error for both Time and Frequency measurement 12 parts in 10^6 .

Measurement Uncertainty Decision Rule

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115: 2007, clause 4.4.3 and 4.5.1.