

FCC and ISED Test Report

Manufacturer: Southco Manufacturing Ltd.

Model: SC-99-113

In accordance with FCC 47 CFR Part 15C and ISED RSS-210 and ISED RSS-GEN (NFC / RFID)



Prepared for: Southco Manufacturing Ltd.
Wainwright Road
Warndon
Worcester
WR4 9FA
UNITED KINGDOM

FCC ID: YKRSC99113

IC: 10494A-SC99113

COMMERCIAL-IN-CONFIDENCE

Document 75961692-09 Issue 02

SIGNATURE

NAME	JOB TITLE	RESPONSIBLE FOR	ISSUE DATE
Steve Marshall	Senior Engineer	Authorised Signatory	12 November 2025

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 15C and ISED RSS-210 and ISED RSS-GEN. The sample tested was found to comply with the requirements defined in the applied rules.

RESPONSIBLE FOR	NAME	DATE	SIGNATURE
Testing	Pier-Angelo Lorusso	12 November 2025	

FCC Accreditation

492497/UK2010 Octagon House, Fareham Test Laboratory

ISED Accreditation

12669A/UK0003 Octagon House, Fareham Test Laboratory

EXECUTIVE SUMMARY

A sample of this product was tested and found to be compliant with FCC 47 CFR Part 15C, 2023, ISED RSS-210 Iss 11 (06-2024) and ISED RSS-GEN Issue 05 (2018-04) + A2 (2021-02) for the tests detailed in section 1.3.



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TÜV SÜD

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

TÜV SÜD Ltd is a

TÜV SÜD Group Company

Phone: +44 (0) 1489 558100

Fax: +44 (0) 1489 558101

www.tuvsud.com/en

TÜV SÜD

Octagon House
Concorde Way
Fareham
Hampshire PO15 5RL
United Kingdom



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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	26 August 2025
2	Changed title page from "E-Series Lock A" to "SC-99-113"	12 November 2025

Table 1

1.2 Introduction

Applicant	Southco Manufacturing Ltd.
Manufacturer	Southco Manufacturing Ltd.
Model Number(s)	SC-99-113
Serial Number(s)	FAR 843456-002
Hardware Version(s)	Rev C
Software Version(s)	Test firmware to facilitate RF testing
Number of Samples Tested	1
Test Specification/Issue/Date	FCC 47 CFR Part 15C, 2023 ISED RSS-210, Issue 11 (06-2024) ISED RSS-GEN, Issue 05 (2018-04) + A2 (2021-02)
Order Number	7500044951
Date	06-June-2024
Date of Receipt of EUT	22-August-2024
Start of Test	23-August-2024
Finish of Test	03-September-2024
Name of Engineer(s)	Pier-Angelo Lorusso
Related Document(s)	ANSI C63.10 (2020)



1.3 Brief Summary of Results

A brief summary of the tests carried out in accordance with FCC 47 CFR Part 15C and ISED RSS-210 and ISED RSS-GEN is shown below.

Section	Specification Clause			Test Description	Result	Comments/Base Standard
	Part 15C	RSS-210	RSS-GEN			
Configuration and Mode: Battery Powered - 13.56MHz NFC						
-	15.203	-	-	Antenna Requirements	Pass	The equipment under test uses an integral Antenna.
2.1	15.215 (c)	N/A	6.7	20 dB Bandwidth & 99% Occupied Bandwidth	Pass	ANSI C63.10 (2020)
2.2	15.225 (a)(b)(c)(d)	B.6	6.13	Field Strength of any Emission	Pass	ANSI C63.10 (2020)
2.3	15.225 (e)	B.6	6.11	Frequency Tolerance Under Temperature Variations	Pass	ANSI C63.10 (2020)

Table 2



1.4 Application Form

Equipment Description

Technical Description: (Please provide a brief description of the intended use of the equipment including the technologies the product supports)		SC-99-113 is lock intended for use on internal furniture such as cupboards and drawers to secure them. The lock is battery powered and is equipped with Bluetooth® Low Energy and Near Field Communication. Bluetooth is used to communicate with a gateway device and NFC to read credentials. Valid credentials unlock the unit granting access. A record of this transaction is sent via Bluetooth.	
Manufacturer:		Southco Manufacturing Ltd	
Model:		SC-99-113	
Part Number:		SC-99-113	
Hardware Version:		Rev C	
Software Version:		Test firmware to facilitate RF testing	
FCC ID of the product under test – see guidance here		YKRSC99113	
IC ID of the product under test – see guidance here		10494A-SC99113	
Device Category	Mobile ☐	Portable ☒	Fixed ☐
Equipment is fitted with an Audio Low Pass Filter		Yes ☐	No ☒

Intentional Radiators

Technology	Bluetooth Low Energy	Near Field Communication				
Frequency Range (MHz to MHz)	2402MHz to 2480 MHz	13.56 MHz				
Conducted Declared Output Power (dBm)	0	1.5-7 A/m				
Antenna Gain (dBi)	Peak: 3 Typical	Not Applicable				
Supported Bandwidth(s) (MHz) (e.g. 1 MHz, 20 MHz, 40 MHz)	1.0MHz	1.8MHz				
Modulation Scheme(s) (e.g. GFSK, QPSK etc)	GFSK	ASK				
ITU Emission Designator (see guidance here) (not mandatory for Part 15 devices)	1M00F1D	2M00A1D				
Bottom Frequency (MHz)	2402MHz					
Middle Frequency (MHz)	2440MHz	13.56 MHz				
Top Frequency (MHz)	2480MHz					



Un-intentional Radiators

Highest frequency generated or used in the device or on which the device operates or tunes	25MHz?
Lowest frequency generated or used in the device or on which the device operates or tunes	DC
Class A Digital Device (Use in commercial, industrial or business environment) ☒	
Class B Digital Device (Use in residential environment only) ☐	

AC Power Source

AC supply frequency:	Not Applicable	Hz
Voltage	Not Applicable	V
Max current:	Not Applicable	A
Single Phase ☐ Three Phase ☐ Not Applicable		

DC Power Source

Nominal voltage:	4.5V	V
Extreme upper voltage:	5.5V	V
Extreme lower voltage:	3.0V	V
Max current:	0.5	A

Battery Power Source

Voltage:	4.5V	V
End-point voltage:	2.4V	V (Point at which the battery will terminate)
Alkaline ☒ Leclanche ☐ Lithium ☐ Nickel Cadmium ☐ Lead Acid* ☐ *(Vehicle regulated)		
Other ☐	Please detail:	

Charging

Can the EUT transmit whilst being charged	Yes ☐ No ☒ Not Applicable
---	--

Temperature

Minimum temperature:	0	°C
Maximum temperature:	35	°C



Cable Loss

Adapter Cable Loss (Conducted sample)	2	dB
--	---	----

Antenna Characteristics

Antenna connector ☐			State impedance		Ohm
Temporary antenna connector ☐			State impedance		Ohm
Integral antenna ☒	Type:	Chip Antenna	Gain	3 (peak)	dBi
External antenna ☐	Type:		Gain		dBi

For external antenna only:
Standard Antenna Jack ☐ If yes, describe how user is prohibited from changing antenna (if not professional installed):
Equipment is only ever professionally installed ☐
Non-standard Antenna Jack ☐
All part 15 applications will need to show how the antenna gain was derived either from a manufacturer data sheet or a measurement. Where the gain of the antenna is inherently accounted for as a result of the measurement, such as field strength measurements on a part 15.249 or 15.231 device, so the gain does not necessarily need to be verified. However, enough information regarding the construction of the antenna shall be provided. Such information maybe photographs, length of wire antenna etc.

Ancillaries (if applicable)

Manufacturer:		Part Number:	
Model:		Country of Origin:	

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

Name: Neil Swann
Position held: Principal Engineer
Date: 20 August 2024



1.5 Product Information

1.5.1 Technical Description

Wireless, battery powered lock intended for use in commercial settings. The lock will normally be fitted to cupboards, drawers and lockers that require securing.

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: SC-99-113, Serial Number: FAR 843456-002			
0	As supplied by the customer	Not Applicable	Not Applicable

Table 3

1.8 Test Location

TÜV SÜD conducted the following tests at our Octagon House Test Laboratory.

Test Name	Name of Engineer(s)	Accreditation
Configuration and Mode: Battery Powered - 13.56MHz NFC		
20 dB Bandwidth & 99% Occupied Bandwidth	Pier-Angelo Lorusso	UKAS
Field Strength of any Emission	Pier-Angelo Lorusso	UKAS
Frequency Tolerance Under Temperature Variations	Pier-Angelo Lorusso	UKAS

Table 4

Office Address:

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



2 Test Details

2.1 20 dB Bandwidth & 99% Occupied Bandwidth

2.1.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.215 (c),
ISED RSS-210 Clause N/A
ISED RSS-GEN, Clause 6.7

2.1.2 Equipment Under Test and Modification State

Model: SC-99-113, S/N: FAR 843456-002; - Modification State 0

2.1.3 Date of Test

27-August-2024

2.1.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 6.9.2 and 6.9.3.
DUT was powered by customer supplied internal Batteries.

2.1.5 Environmental Conditions

Ambient Temperature 22.2 - 22.8 °C
Relative Humidity 53.3 - 54.2 %

2.1.6 Test Results

Battery Powered - 13.56MHz NFC

Frequency (MHz)	20 dB Bandwidth (Hz)	99% Occupied Bandwidth (Hz)	F _{LOWER} (MHz)	F _{UPPER} (MHz)
13.56	24.98	63.6143	13.56000651	13.56003149

Table 5

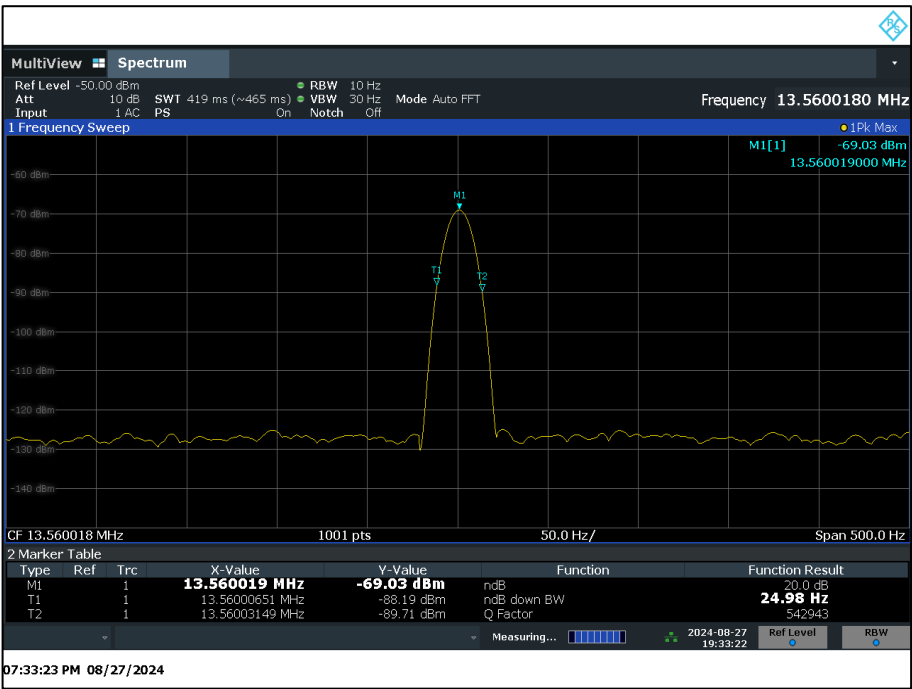


Figure 1 - 20 dB Bandwidth

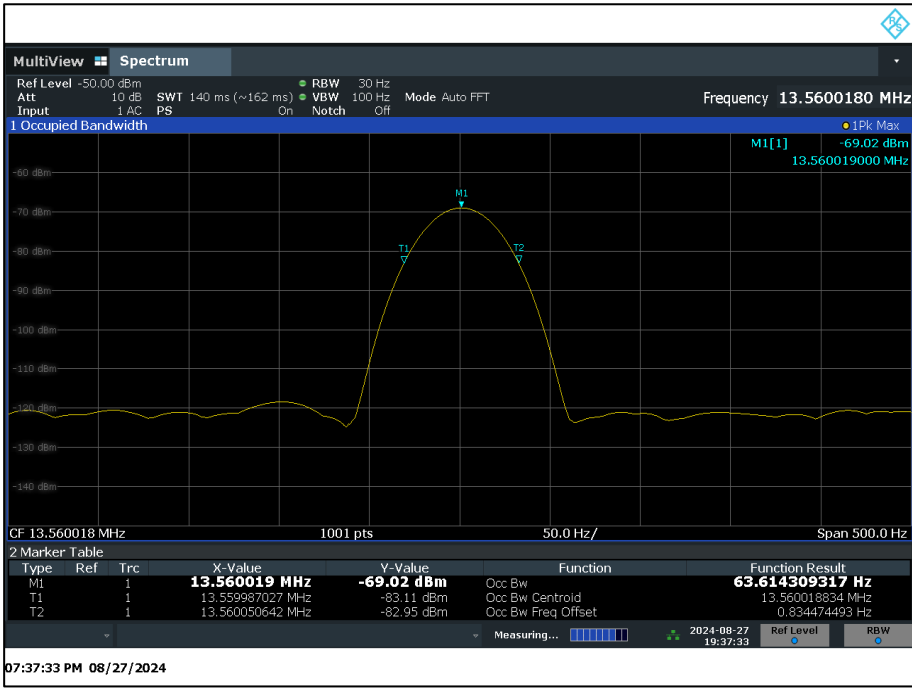


Figure 2 - 99% Occupied Bandwidth



FCC 47 CFR Part 15C, Limit Clause 15.215 (c)

The 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

ISED RSS 210 and ISED RSS GEN, Limit Clause

None specified.

2.1.7 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
Dual Power Supply Unit	Hewlett Packard	6253A	292	-	O/P Mon
Antenna (Active Loop, 9kHz-30MHz)	Rohde & Schwarz	HFH2-Z2	333	24	21-Dec-2024
True RMS Multimeter	Fluke	179	4007	12	17-Nov-2024
Test Receiver	Rohde & Schwarz	ESW44	5084	12	04-Nov-2024
3m Semi-Anechoic Chamber	Rainford	RF Chamber 11	5136	36	24-Nov-2024
Mast and Turntable Controller	Maturo	Maturo NCD	5159	-	TU
Turntable	Maturo	TT 15WF	5160	-	TU
Thermo-Hygro-Barometer	PCE Instruments	OCE-THB-40	5470	12	07-May-2025
Cable (SMA to SMA, 2 m)	Junkosha	MWX221-02000AMSAMS/A	5518	12	18-Apr-2025

Table 6

TU - Traceability Unscheduled

O/P Mon – Output Monitored using calibrated equipment.



2.2 Field Strength of any Emission

2.2.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.225 (a)(b)(c)(d)
ISED RSS-210, Clause B.6
ISED RSS-GEN, Clause 6.13

2.2.2 Equipment Under Test and Modification State

Model: SC-99-113, S/N: FAR 843456-002; - Modification State 0

2.2.3 Date of Test

23-August-2024 to 28-August-2024

2.2.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 6.3, 6.4 and 6.5.

DUT was powered by customer supplied internal Batteries.

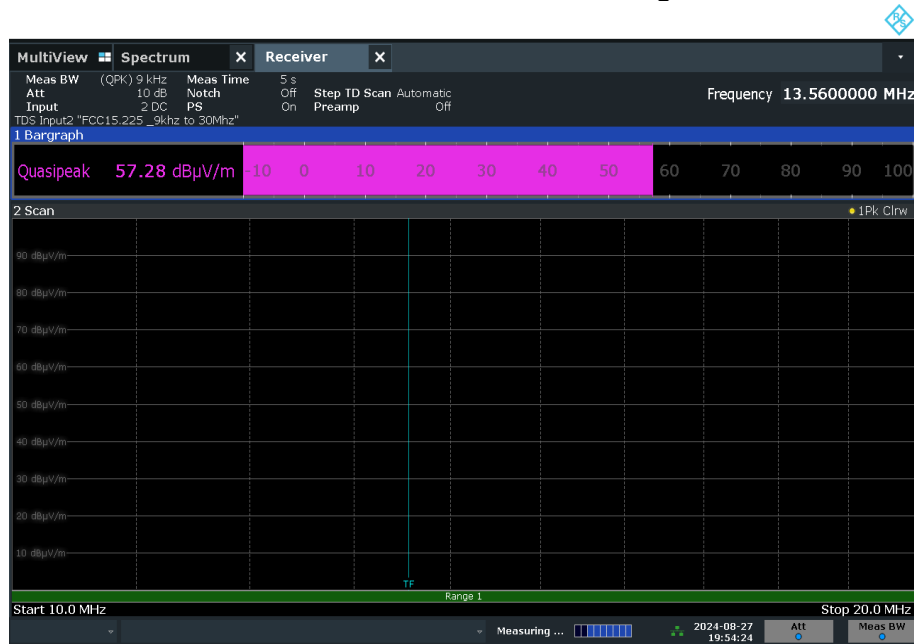
Pre-scan measurements were made at a distance of 3 m as shown by the plots below using a peak detector. Final emission measurements were then made using a Quasi-Peak detector and recorded in the tables below.

The limit lines shown on the plot were extrapolated from either 300 m or 30 m to the measurement distance of 3 m in accordance with ANSI C63.10 Clause 6.4.4.2.

2.2.5 Environmental Conditions

Ambient Temperature	22.2 - 23.3 °C
Relative Humidity	54.2 - 55.9 %

Frequency (MHz)	Quasi-Peak Level (dBμV/m) at 3m	Quasi-Peak Level (dBμV/m) at 30m	Quasi-Peak Level (μV/m) at 3m	Quasi-Peak Level (μV/m) at 30m
13.56	57.28	37.28	73.11	7.311



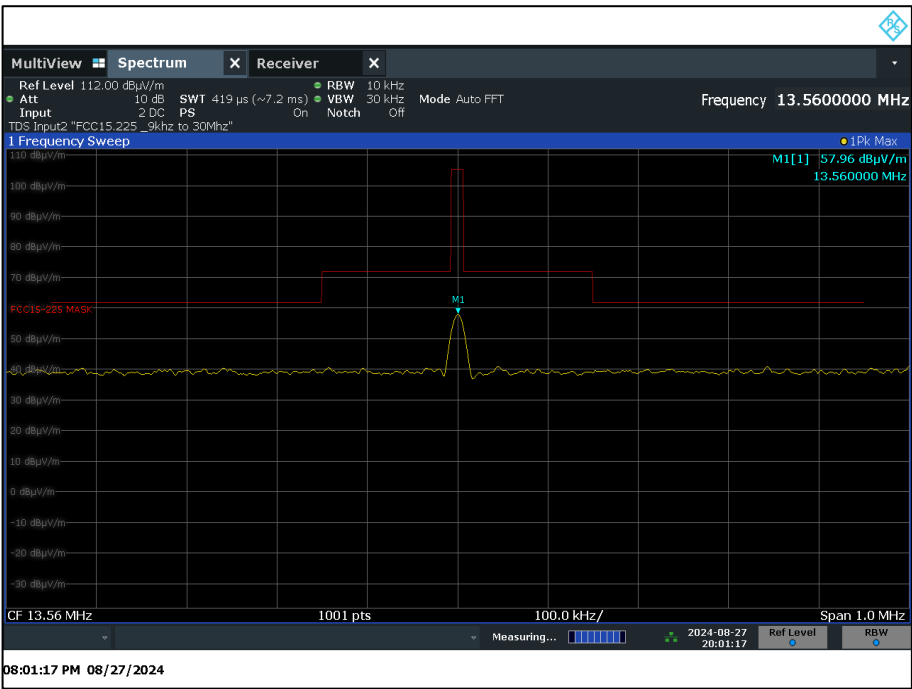


Figure 4 - Plot of the Fundamental - 13.56 MHz (Peak)

Frequency MHz	Quasi-Peak Level (dBµV/m) at 3 m	Quasi-Peak Level (dBµV/m) at 30 m	Quasi-Peak Level (µV/m) at 3 m	Quasi-Peak Level (µV/m) at 30 m
*				

Table 8 - Emissions Results - 9 kHz to 30 MHz

*No emissions were detected within 10 dB of the limit.

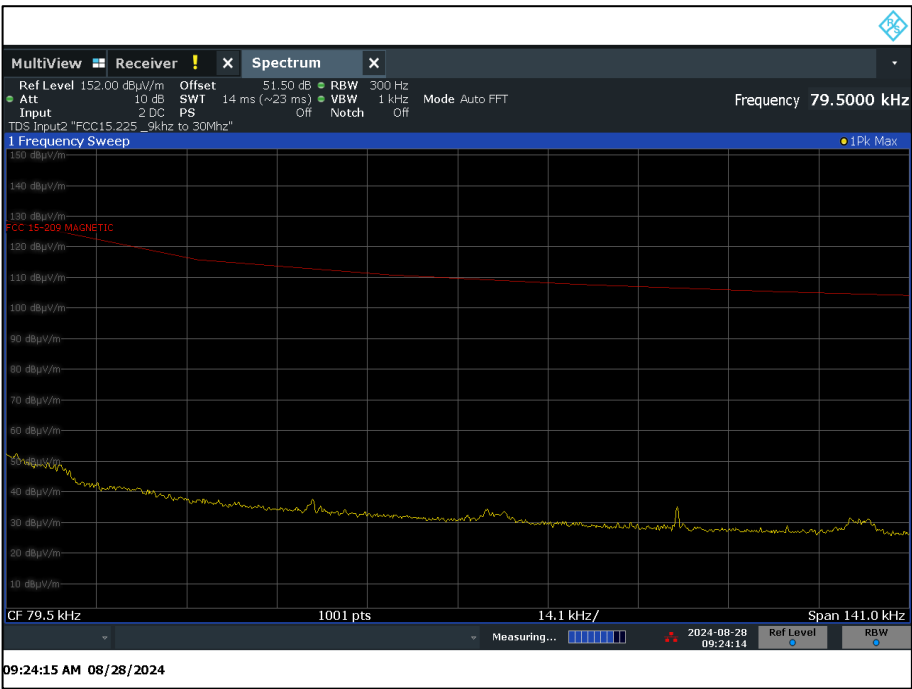


Figure 5 - 9 kHz to 150 kHz - Front On - X Plane

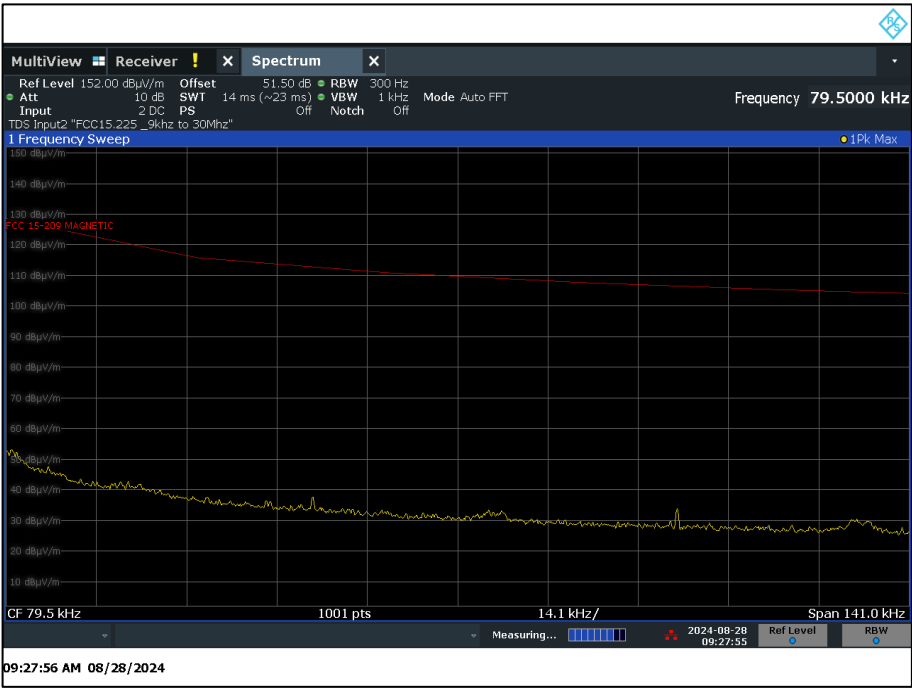


Figure 6 - 9 kHz to 150 kHz - Side On - X Plane

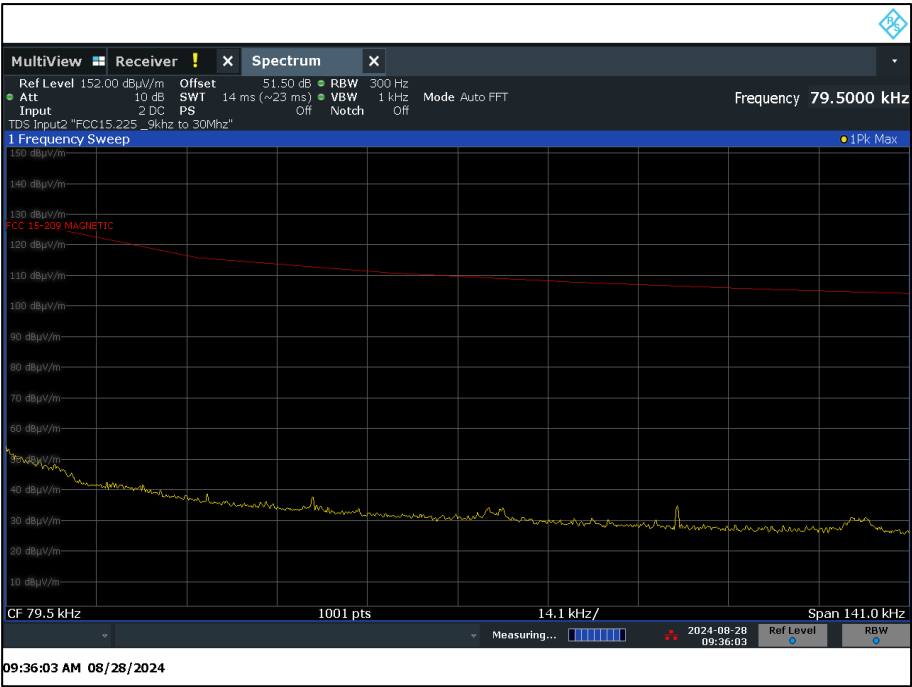


Figure 7 - 9 kHz to 150 kHz - Front On - Y Plane

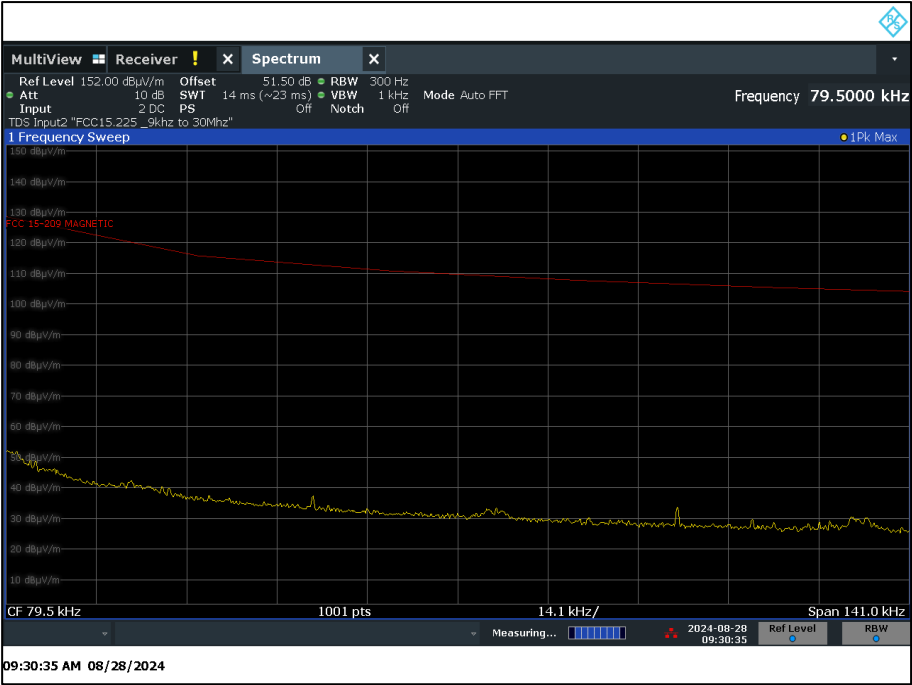


Figure 8 - 9 kHz to 150 kHz - Side On - Y Plane

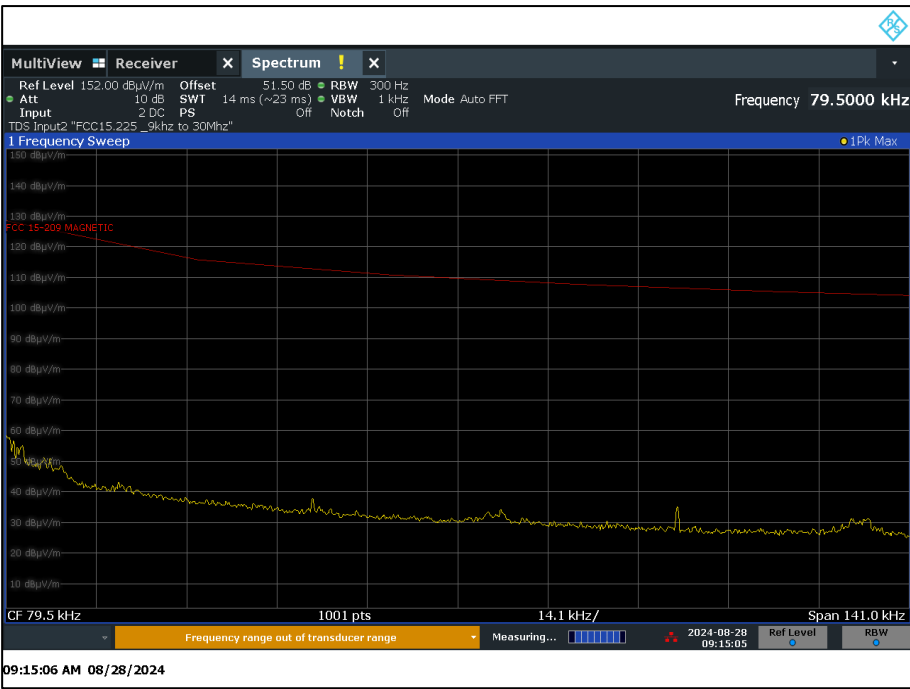


Figure 9 - 9 kHz to 150 kHz - Front On - Z Plane

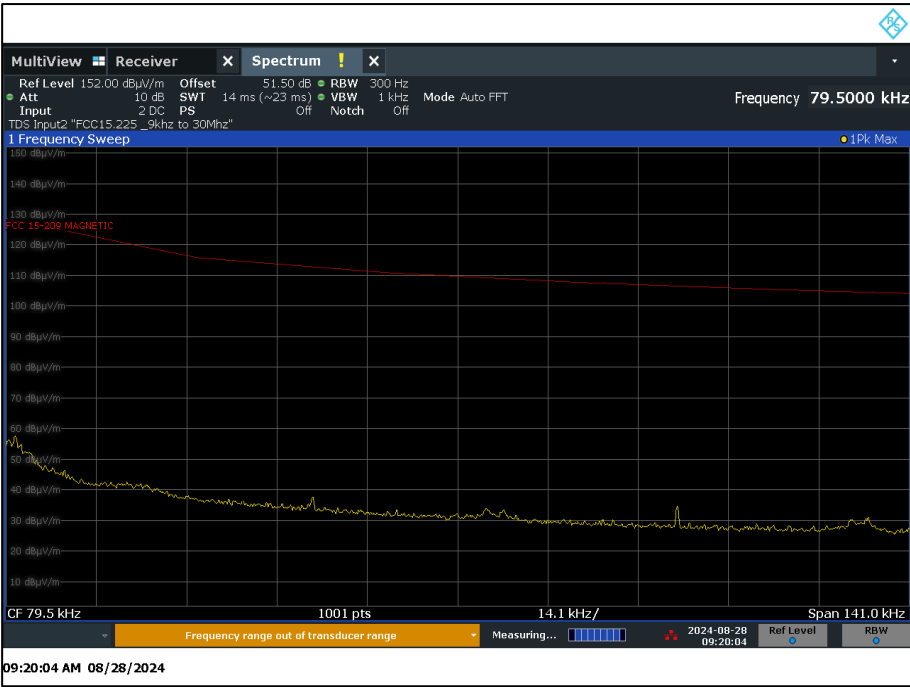


Figure 10 - 9 kHz to 150 kHz - Side On - Z Plane

Note: At the time of testing the “Orange warning message” was noted as being a test instrument bug and did not impact on the validity of the results.

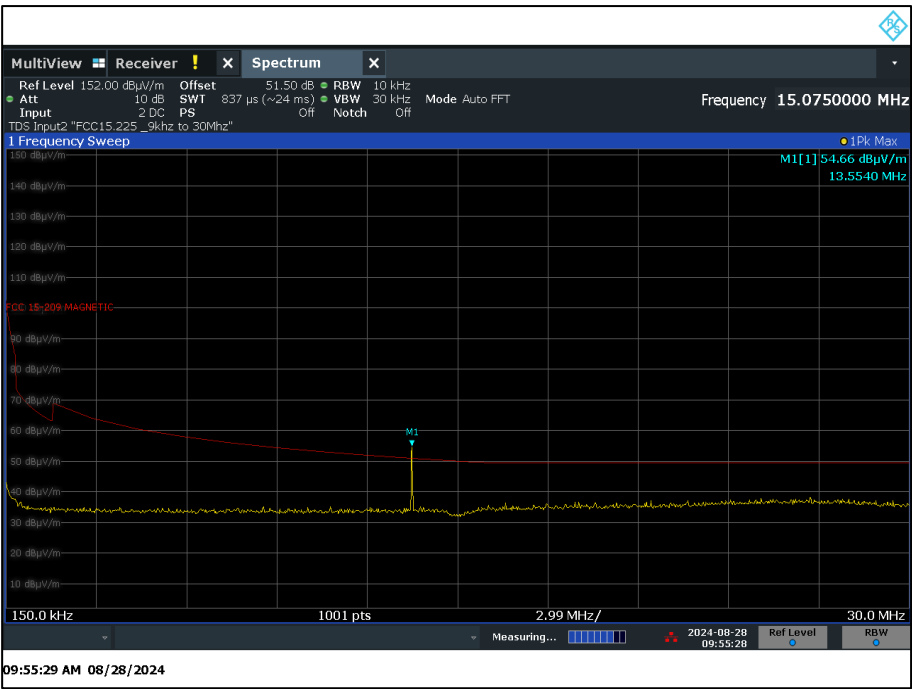


Figure 11 - 150 kHz to 30 MHz - Front On - X Plane

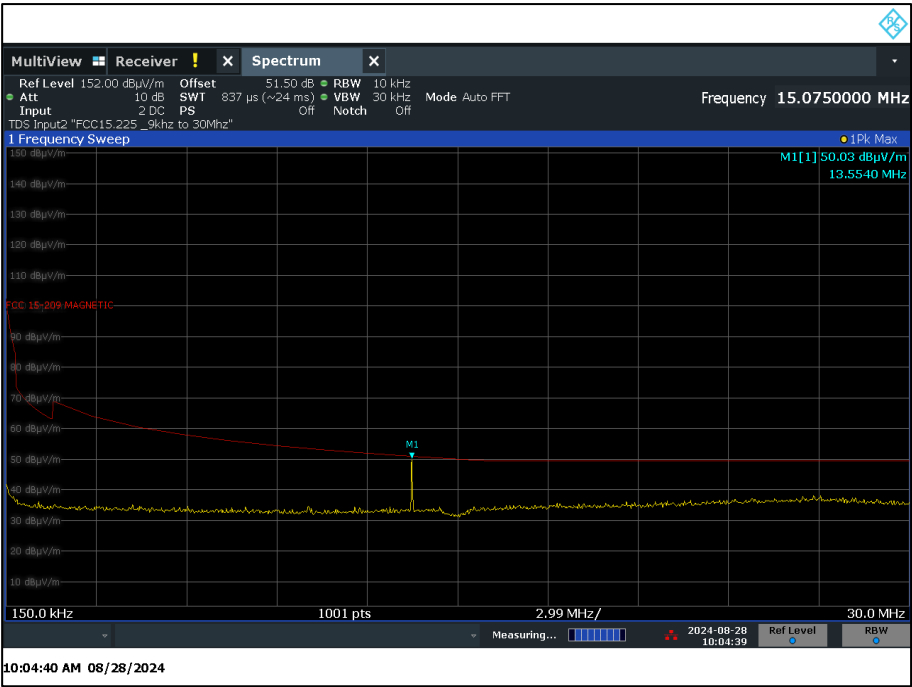


Figure 12 - 150 kHz to 30 MHz - Side On - X Plane



Figure 13 - 150 kHz to 30 MHz - Front On - Y Plane

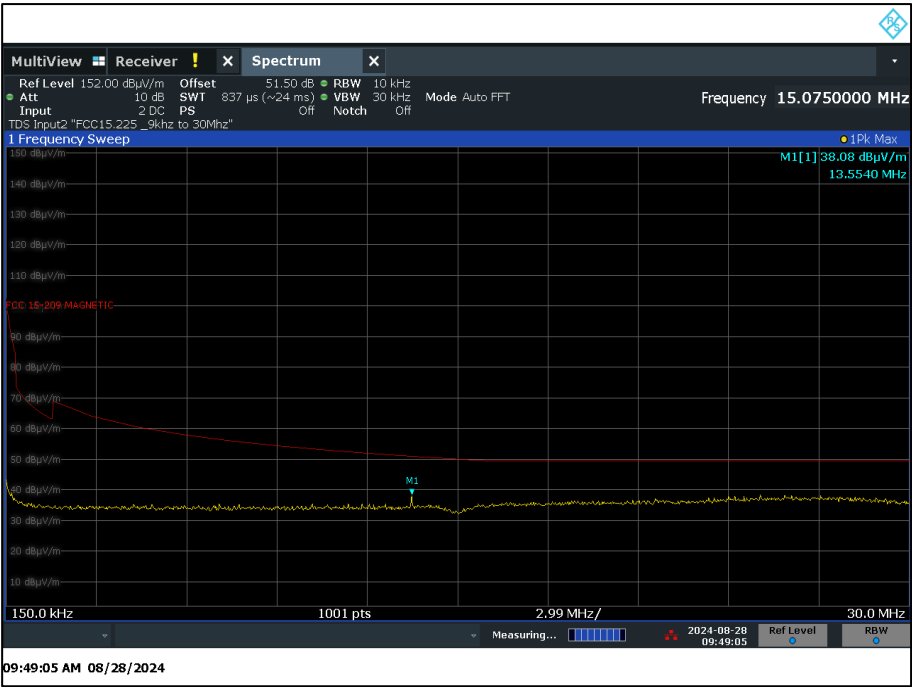


Figure 14 - 150 kHz to 30 MHz - Side On - Y Plane

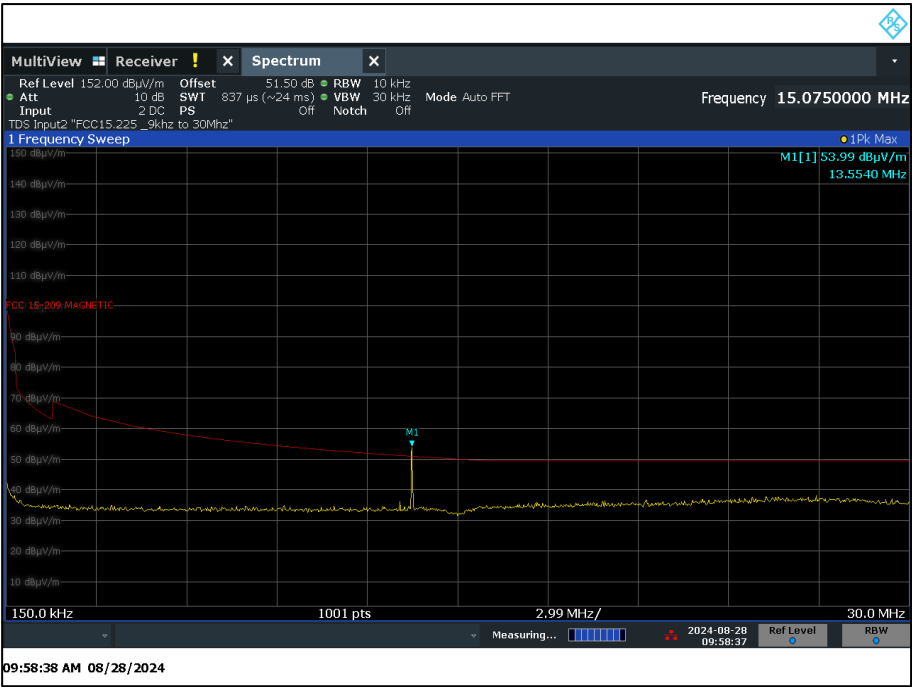


Figure 15 - 150 kHz to 30 MHz - Front On - Z Plane

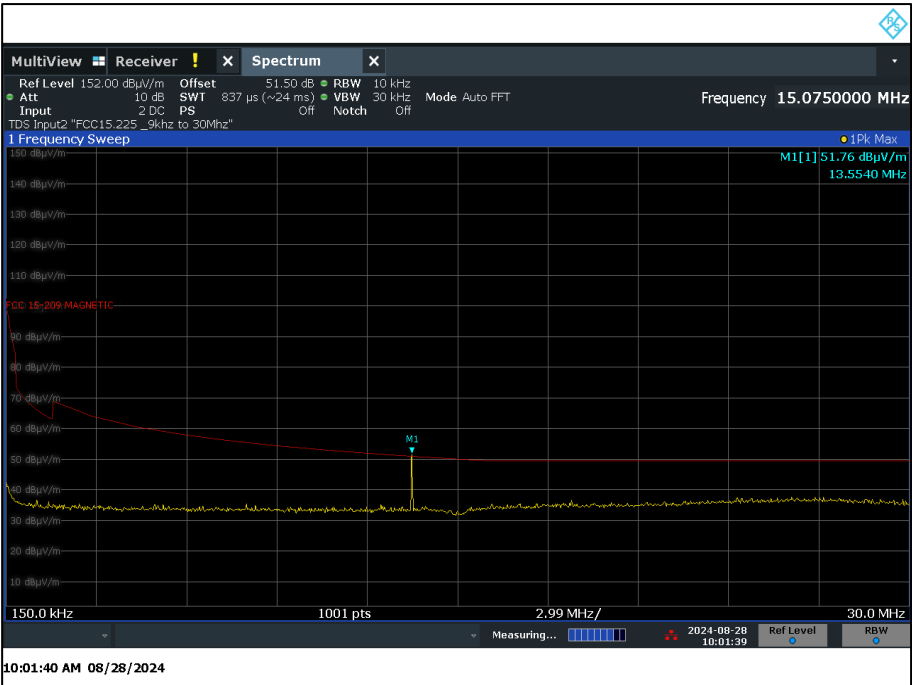


Figure 16 - 150 kHz to 30 MHz - Side On - Z Plane



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

Table 9 - Emissions Results – 30 MHz to 1 GHz - X-Plane

*No emissions were detected within 10 dB of the limit.

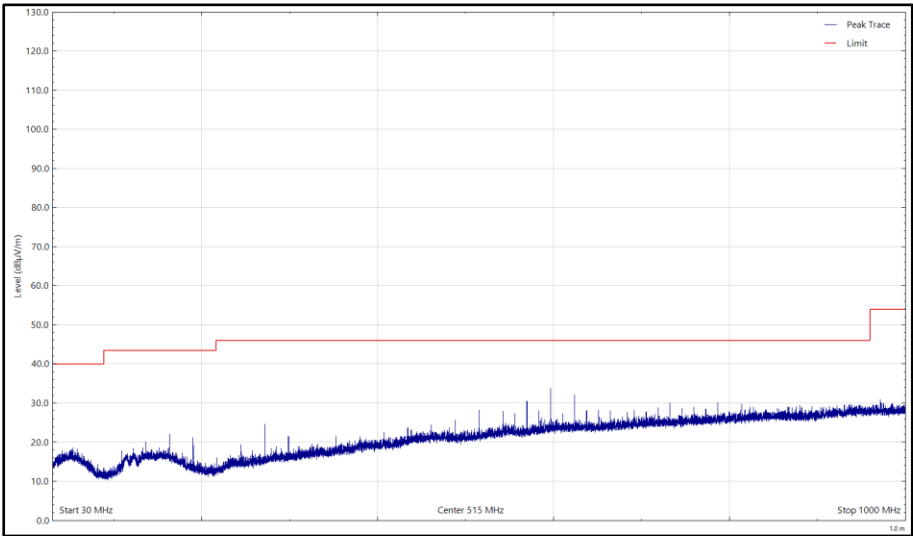


Figure 17 – 30 MHz to 1 GHz, X Plane Horizontal (Peak)

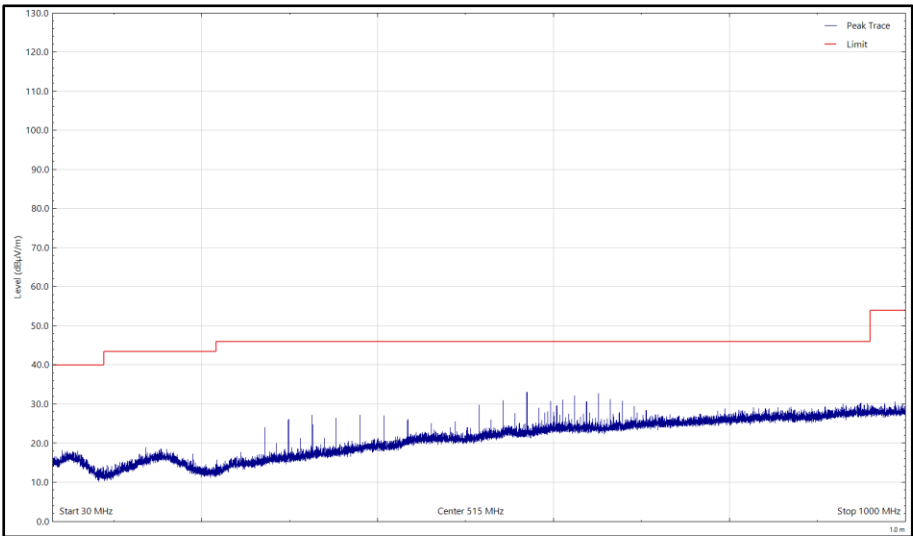


Figure 18 – 30 MHz to 1 GHz, X Plane Vertical (Peak)



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

Table 10 - Emissions Results – 30 MHz to 1 GHz - Y-Plane

*No emissions were detected within 10 dB of the limit.

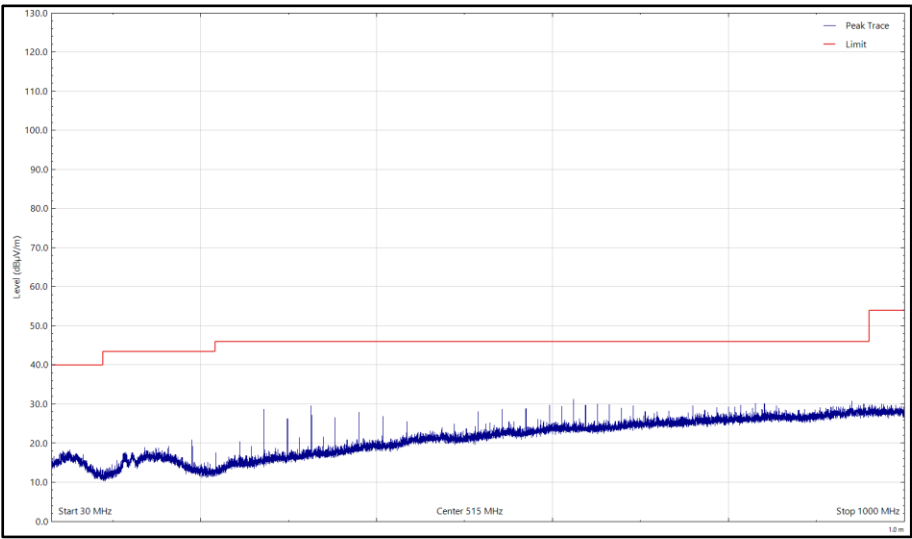


Figure 19 - 30 MHz to 1 GHz, Y Plane Horizontal (Peak)

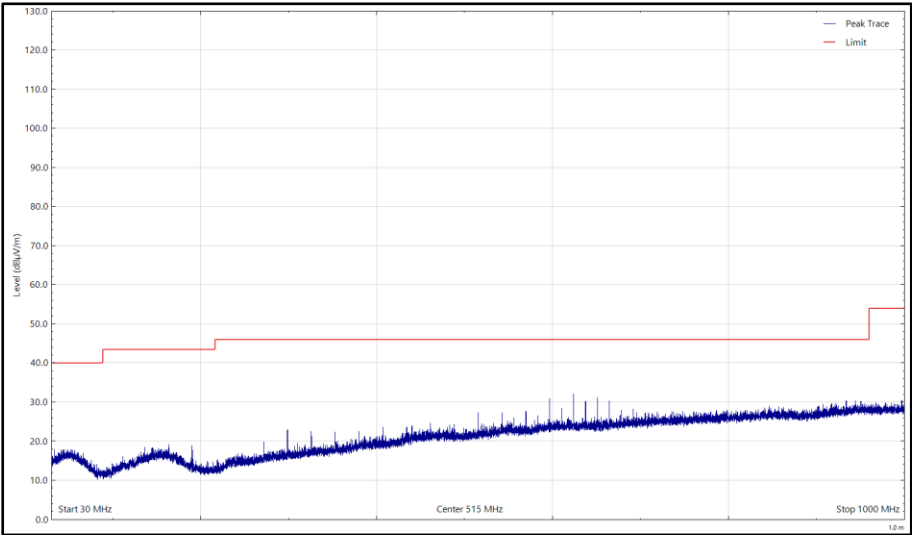


Figure 20 - 30 MHz to 1 GHz, Y Plane Vertical (Peak)



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

Table 11 - Emissions Results – 30 MHz to 1 GHz – Z Plane

*No emissions were detected within 10 dB of the limit.

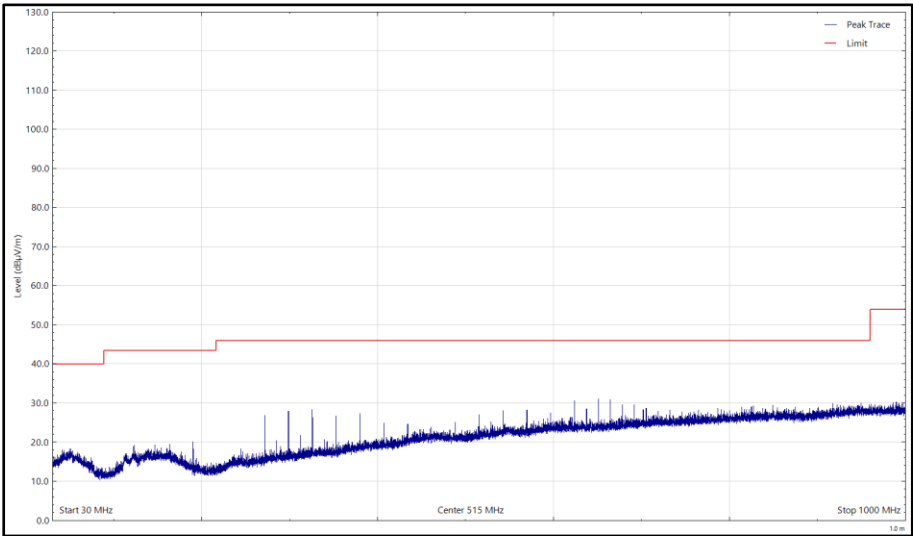


Figure 21 - 30 MHz to 1 GHz, Z Plane Horizontal (Peak)

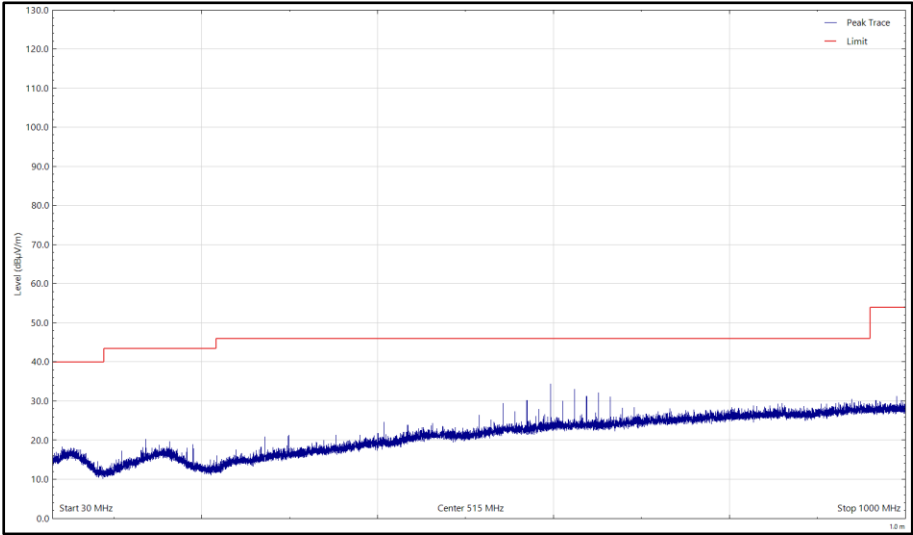


Figure 22 - 30 MHz to 1 GHz, Z Plane Vertical (Peak)



FCC 47 CFR Part 15, Limit Clause 15.225 (a)(b)(c)(d)

- (a) The field strength of any emissions within the band 13.553–13.567 MHz shall not exceed 15,848 microvolts/meter at 30 m.
- (b) Within the bands 13.410–13.553 MHz and 13.567–13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 m.
- (c) Within the bands 13.110–13.410 MHz and 13.710–14.010 MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 m.
- (d) The field strength of any emissions appearing outside of the 13.110–14.010 MHz band shall not exceed the general radiated emission limits in § 15.209.

FCC 47 CFR Part 15, Limit Clause 15.209

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 to 0.490	2400/F (kHz)	300
0.490 to 1.705	24000/F (kHz)	30
1.705 to 30	30	30
30 to 88	100**	3
88 to 216	150**	3
216 to 960	200**	3
Above 960	500	5

Table 12 - FCC Radiated Emission Limit

ISED RSS-210, Limit Clause B.6

The field strength of any emission shall not exceed the following limits:

- (a) 15.848 mV/m (84 dBμV/m) at 30 m, within the band 13.553 – 13.567 MHz.
- (b) 334 μV/m (50.5 dBμV/m) at 30 m, withing the bands 13.410 – 13.553 MHz and 13.567 – 13.710 MHz.
- (c) 106 μV/m (40.5 dBμV/m) at 30 m, within the bands 13.110 – 13.410 MHz and 13.710 – 14.010 MHz.
- (d) RSS-GEN general field strength limits for frequencies outside the band 13.110 – 14.010 MHz.

ISED RSS-GEN, Limit Clause

Frequency	Electric Field Strength (μV/m)	Magnetic Field Strength (H-Field) (μA/m)	Measurement Distance (m)
9 - 490 kHz	2,400/F (F in kHz)	2,400/377F (F in kHz)	300
490 - 1,705 kHz	24,000/F (F in kHz)	24,000/377F (F in kHz)	30
1,705 kHz - 30 MHz	30	N/A	30

Table 13 - ISED Radiated Emission Limit - Less than 30 MHz



Frequency (MHz)	Field Strength (µV/m at 3 m)
30 - 88	100
88 - 216	150
216 - 960	200
> 960	500

Table 14 - ISED Radiated Emission Limit - 30 MHz to 1 GHz

2.2.7 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
Dual Power Supply Unit	Hewlett Packard	6253A	292	-	O/P Mon
Antenna (Active Loop, 9kHz-30MHz)	Rohde & Schwarz	HFH2-Z2	333	24	21-Dec-2024
True RMS Multimeter	Fluke	179	4007	12	17-Nov-2024
Test Receiver	Rohde & Schwarz	ESW44	5084	12	04-Nov-2024
3m Semi-Anechoic Chamber	Rainford	RF Chamber 11	5136	36	24-Nov-2024
Mast	Maturo	TAM 4.0-P	5158	-	TU
Mast and Turntable Controller	Maturo	Maturo NCD	5159	-	TU
Turntable	Maturo	TT 15WF	5160	-	TU
Thermo-Hygro-Barometer	PCE Instruments	OCE-THB-40	5470	12	07-May-2025
Cable (SMA to SMA, 2 m)	Junkosha	MWX221-02000AMSAMS/A	5518	12	18-Apr-2025
Antenna (Tri-log, 30 MHz to 1 GHz)	Schwarzbeck	VULB 9168	5942	24	24-May-2026
Cable (N to N 8m)	Junkosha	MWX221-08000NMSNMS/B	6330	12	17-Feb-2025

Table 15

TU - Traceability Unscheduled

O/P Mon – Output Monitored using calibrated equipment.



2.3 Frequency Tolerance Under Temperature Variations

2.3.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.225 (e)
ISED RSS-210, Clause B.6
ISED RSS-GEN, Clause 6.11

2.3.2 Equipment Under Test and Modification State

Model: SC-99-113, S/N: FAR 843456-002; - Modification State 0

2.3.3 Date of Test

03-September-2024

2.3.4 Test Method

The test was performed in accordance with ANSI C63.10, clause 6.8.

For climatic chamber extreme tests, the DUT was powered with Nominal 4.5 VDC by an external PSU. A minimum of 3.825 VDC (85%) and maximum of 5.175 VDC (115%) was used as extreme voltages.

2.3.5 Environmental Conditions

Ambient Temperature 23.9 °C
Relative Humidity 57.5 %

2.3.6 Test Results

Battery Powered - 13.56MHz NFC

Temperature	Voltage	Measured Frequency (MHz)	Frequency Deviation (%)	Frequency Error (ppm)
-20.0 °C	4.5	13.5601790	0.0013198	13.197640
-10.0 °C	4.5	13.5601667	0.0012291	12.291298
0.0 °C	4.5	13.5601348	0.0009940	9.940266
+10.0 °C	4.5	13.5601054	0.0007775	7.775074
+20.0 °C	4.5	13.5600445	0.0003285	3.284661
+30.0 °C	4.5	13.5599789	-0.0001556	-1.556047
+40.0 °C	4.5	13.5599503	-0.0003663	-3.662979
+50.0 °C	4.5	13.5599183	-0.0006027	-6.027286

Table 16 - Frequency Tolerance Under Temperature Variation

Temperature	Voltage	Measured Frequency (MHz)	Frequency Deviation (%)	Frequency Error (ppm)
+20.0 °C	3.825	13.5600407	0.00030015	3.001475
+20.0 °C	4.5	13.5600445	0.00032847	3.284661
+20.0 °C	5.175	13.5600269	0.00019823	1.982301



Table 17 - Frequency Tolerance Under Voltage Variation

FCC 47 CFR Part 15, Limit Clause 15.225 (e)

The frequency tolerance of the carrier signal shall be maintained within ± 0.01 % of the operating frequency.

ISED RSS-210, Limit Clause B.6

Carrier frequency stability shall be maintained to $\pm 0.01\%$ (± 100 ppm)

2.3.7 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
Climatic Chamber	Votsch	VT4002	161	-	O/P Mon
Digital Temperature Indicator	Fluke	51	1385	12	12-Jun-2025
Programmable Power Supply	Iso-tech	IPS 2010	2437	-	O/P Mon
True RMS Multimeter	Fluke	179	4007	12	17-Nov-2024
Test Receiver	Rohde & Schwarz	ESW44	5084	12	04-Nov-2024
Cable (N to N 3m)	Junkosha	MWX221-03000NMSNMS/A	6024	6	14-Sep-2024
10MHz Reference	Quartzlock	e10-X	6779	-	11-Apr-2025

Table 18

O/P Mon – Output Monitored using calibrated equipment

3 Photographs

3.1 Test Setup Photographs

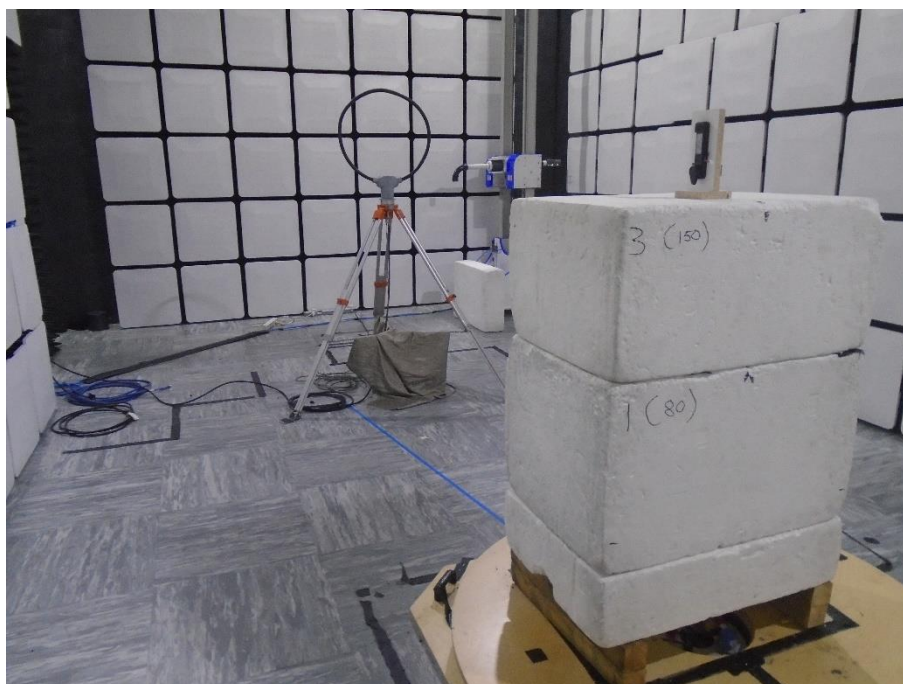


Figure 23 – Below 30GHz Front on

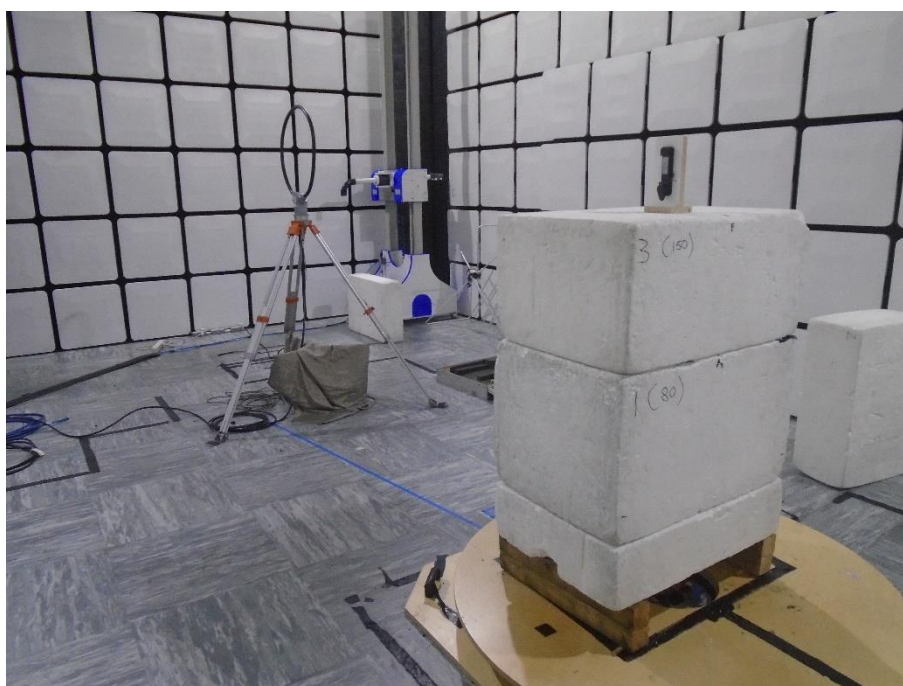


Figure 24 – Below 30GHz Side on

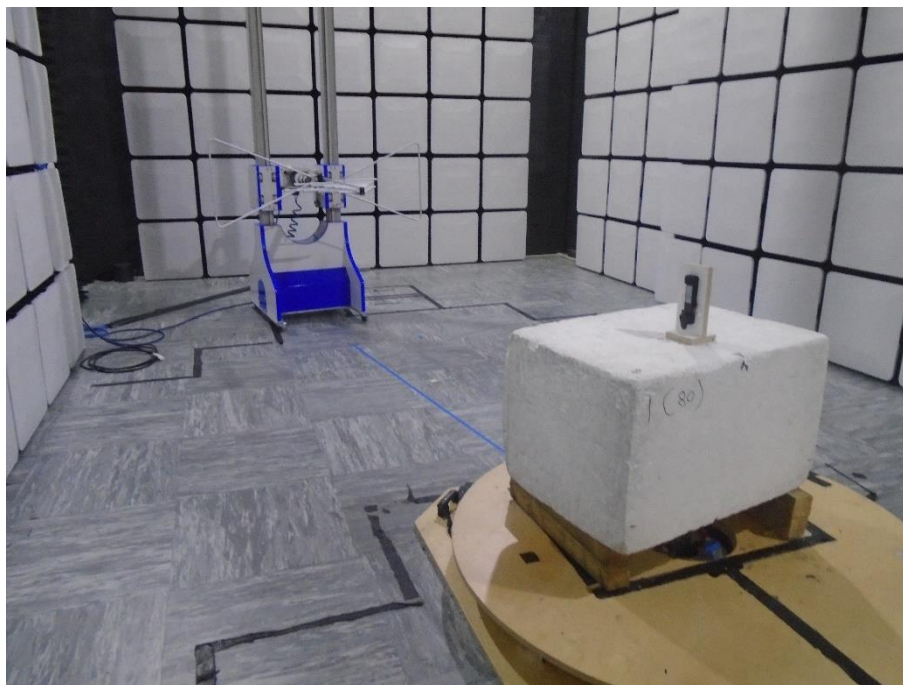


Figure 25 – 30 MHz to 1 GHz X Plane

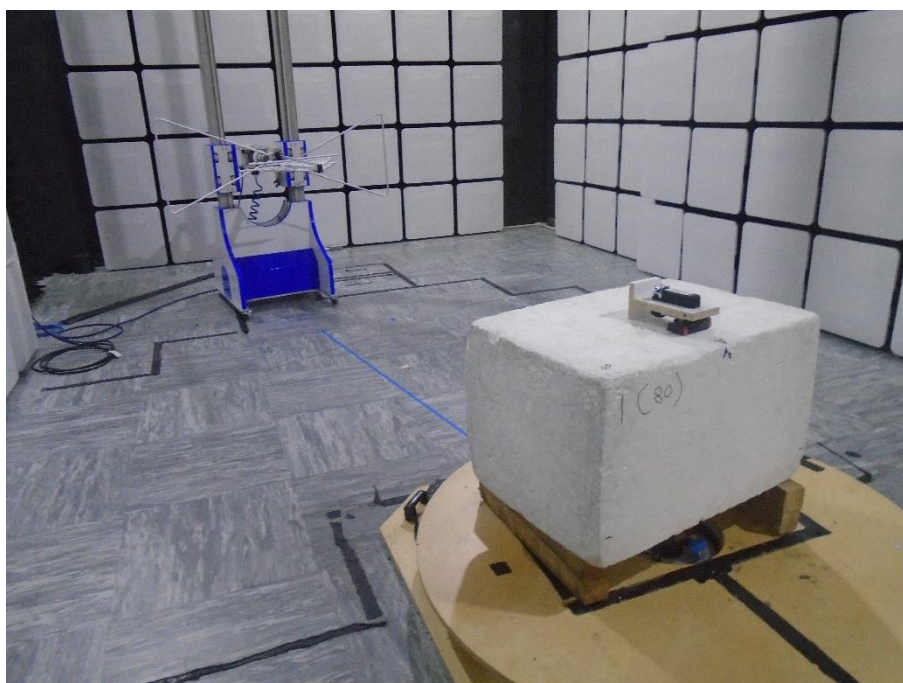


Figure 26 – 30 MHz to 1 GHz Y Plane

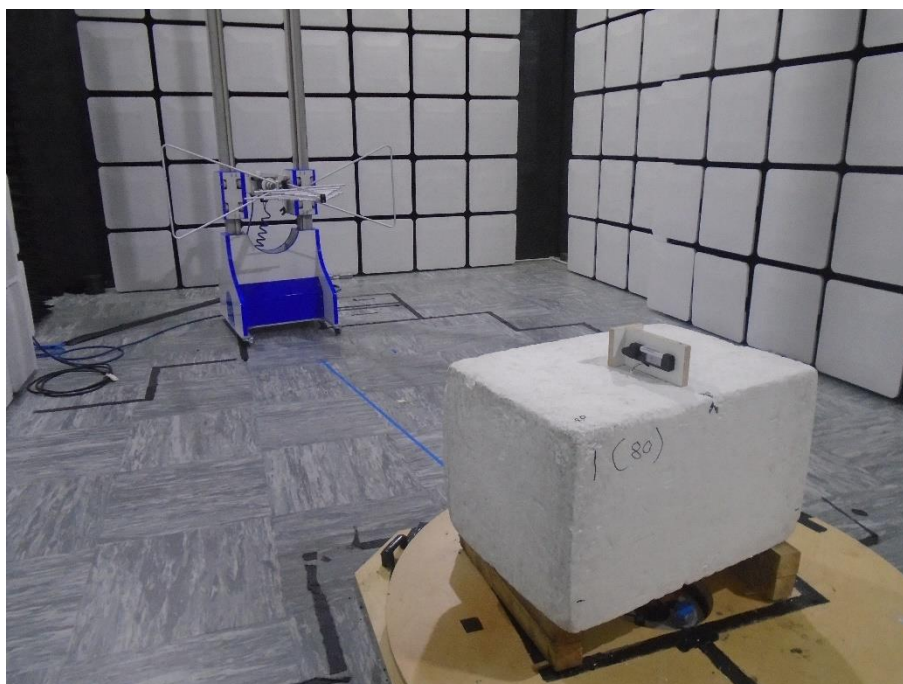


Figure 27 – 30 MHz to 1 GHz Z Plane



4 Measurement Uncertainty

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

Test Name	Measurement Uncertainty
20 dB Bandwidth & 99% Occupied Bandwidth	± 5.23 Hz
Field Strength of any Emission	9 kHz to 30 MHz: ± 3.4 dB 30 MHz to 1 GHz: ± 5.2 dB
Frequency Tolerance Under Temperature Variations	± 7.374 Hz

Table 19

Measurement Uncertainty Decision Rule – Accuracy Method

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.