TEST REPORT

Test Report No. : UL-RPT-RP-14374669-616-FCC

Applicant *	:	Visteon Corporation
Model No. *	:	FPK8I5DTR2
FCC ID *	:	NT8-FPK8I5DTR2
Technology *	:	RFID – 125 kHz
Test Standard(s)	:	**FCC Parts 15.205,15.209(a),15.215** For details of applied tests refer to test result summary

1. This test report shall not be reproduced in full or partial, without the written approval of UL International Germany GmbH.
2. The results in this report apply only to the sample tested.
3. The test results in this report are traceable to the national or international standards.
4. **Test Report Version 1.2 supersede Version 1.1 with immediate effect**
   Test Report No. UL-RPT-RP-14374669-616-FCC Version 1.2, Issue Date 20 April 2023 replaces Test Report No. UL-RPT-RP-14374669-616-FCC Version 1.1, Issue Date 28 February 2023, which is no longer valid.
5. Result of the tested sample: **PASS**
6. All information marked with a (*) were provided by customer / applicant or authorized representative

Prepared by: Muhammad Faiq, Khan
Title: Project Engineer
Date: 20 April 2023

Approved by: Rachid, Acharkaoui
Title: Operations Manager
Date: 20 April 2023

This laboratory is accredited by DAkkS.
The tests reported herein have been performed in accordance with its' terms of accreditation.

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Table of Contents

1. Customer Information *

1.1. Applicant Information

Company Name:	Visteon Corporation
Company Address:	One Village Center Drive Van Buren Township, MI, 48111 USA
Contact Person:	Heidi Sepanik
Contact E-Mail Address:	hdiebol@visteon.com
Contact Phone No.:	+1 734 710 4672

1.2.Manufacturer Information

Company Name:	Visteon Corporation
Company Address:	One Village Center Drive Van Buren Township, MI, 48111 USA
Contact Person:	Heidi Sepanik
Contact E-Mail Address:	hdiebol@visteon.com
Contact Phone No.:	+1 734 710 4672

2. Summary of Testing

2.1. General Information

Applied Standards

Specification Reference:	47CFR15.205 and 47CFR15.209
Specification Title:	Code of Federal Regulations Volume 47 (Telecommunications): Part 15 Subpart C (Intentional Radiators) - Sections 15.205 and 15.209
Specification Reference:	47CFR15.215
Specification Title:	Code of Federal Regulations Volume 47 (Telecommunications): Part 15 Subpart C (Intentional Radiators) - Sections 15.215
Test Firm Registration:	399704

Location

Location of Testing:	UL International Germany GmbH Hedelfinger Str. 61 70327 Stuttgart Germany

Date information

Order Date:	15 January 2022
EUT arrived:	05 October 2022 & 17 January 2023
Test Dates:	11 October 2022 to 20 January 2023
EUT returned:	-/-

2.2. Summary of Test Results

Clause	Measurement	Complied	Did not comply	Not performed	Not applicable
Part 15.207	Transmitter AC Conducted Emissions (1)	☐	☐	☐	☒
Part 15.215(c)	Transmitter 20 dB Bandwidth	☒	☐	☐	☐
Part 15.209(a)	Transmitter Fundamental Field Strength	☒	☐	☐	☐
Part 15.209(a)(c)	Transmitter Radiated Emissions	☒	☐	☐	☐

Decision rule:
If the decision rule is not included in the applied customer specification or testing standard, the binary statement for simple acceptance, as defined in ILAC G8: 2019 Section 4.2.1, is applied as the decision rule for a pass/ fail statement.

If the measured value is on the limit, the result is defined as a pass. In this case the risk of a false positive is 50%. For further information regarding risk assessment refer to ILAC G8: 2019.

Note(s):

1. Not applicable, the EUT will be powered via Car battery.

2.3. Methods and Procedures

Reference:	ANSI C63.10-2013
Title:	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
Reference:	KDB 414788 D01 Radiated Test Site v01
Title:	TEST SITES FOR RADIATED EMISSION MEASUREMENTS

2.4. Deviations from the Test Specification

For the measurements contained within this test report, there were no deviations from, additions to, or exclusions from the test specification identified above.

3. Equipment Under Test (EUT)

3.1. Identification of Equipment Under Test (EUT) *

Brand Name:	Visteon
Model Name:	FPK8I5DTR2
Test Sample Serial Number:	6WB2208260150 (Radiated Test sample)
Sample identification:	C2 Sample, PWB26554
Hardware Version Number:	HW07x / HW17x
Software Version Number:	SW58xx
FCC ID:	NT8-FPK8I5DTR2

Brand Name:	Visteon
Model Name:	FPK8I5DTR2
Test Sample Serial Number:	MX7-REY28.11.22.000.10088 (Radiated Test sample)
Sample identification:	C3 Sample, PWB26580
Hardware Version Number:	HW07x / HW17x
Software Version Number:	SW58xx
FCC ID:	NT8-FPK8I5DTR2

3.2. Description of EUT *

The equipment under test was an Immobilizer with Model Name: FPK8I5DTR2, supporting RFID 125 kHz technology.

3.3. Modifications Incorporated in the EUT

No modifications were applied to the EUT during testing.

3.4. Additional Information Related to Testing *

Tested Technology:	RFID	
Category of Equipment:	Transceiver	
Channel Spacing:	Single channel device	
Transmit Frequency Range:	125 kHz	
Modulation:	ASK	
Antenna Type:	Air Coil Antenna	
Antenna Details:	Costal Air Coil	
Power Supply Requirement:	V_{nom}	13.5 V DC

3.5. Support Equipment

No support equipment was used to exercise the EUT during testing:

A. Support Equipment (In-house)

Item	Description	Brand Name	Model Name or Number	Serial Number
1	Laboratory AC/DC Power Supply	Aim TTi	CPX400S	507111

B. Support Equipment (Manufacturer supplied)

Item	Description	Brand Name	Model Name or Number	Serial Number
1	Ignition lock	-	-	-
2	Car Key	VW	-	-
3	Toggled button	-	-	-

4. Operation and Monitoring of the EUT during Testing

4.1. Operating Modes

The EUT was tested in the following operating mode(s):
☒ Constantly transmitting at full power with a modulated carrier.

4.2. Configuration and Peripherals

The EUT was tested in the following configuration(s):

- The customer provided test setup instructions ‘’220914_FPK8I5DTR2_certification_setups29sept2022’’ issued on 29 September 2022 was sued to configure the EUT into respective modes.

EUT Power Supply:

- The EUT was powered via DC power supply 13.5 V DC.

Test Mode Activation:

- The EUT can be configured into the test modes via a toggle button. There were three modes available, No transmission, intermittent transmission and continuous transmission.
- All the measurements are performed by setting the EUT into continuous transmission mode.

Radiated Measurements:

- All radiated measurements were carried out by using the EUT Radiated sample.
- Before starting final radiated measurements “worst case verification” with the EUT in Standing, Laying and 45° tilting position was performed.
- The EUT with its Integral antenna in laying position was found out to be the worst-case. Therefore, this report includes relevant test results
- The radiated measurements below 30 MHz were performed with the EUT positioned on the turn table and rotating 360 degrees while the loop antenna height was set to 100 cm.
- The radiated measurements above 30 MHz were performed with the EUT positioned on the turn table and rotating 360 degrees while the antenna height varies from 1 to 4 m over the measurement frequency range.
- R&S® EMC32 V11.30.00 Software was used for the Radiated spurious emission measurements.

5. Measurements, Examinations and Derived Results

5.1. General Comments

Measurement uncertainties are evaluated in accordance with current best practice. Our reported expanded uncertainties are based on standard uncertainties, which are multiplied by an appropriate coverage factor to provide a statistical confidence level of approximately 95%. Please refer to Section 6 *Measurement Uncertainty* for details.

In accordance with DAkkS requirements all the measurement equipment is on a calibration schedule. All equipment was within the calibration period on the date of testing.

5.2. Test Results

5.2.1. Transmitter 20 dB Bandwidth

Test Summary:

Test Engineer:	Muhammad Faiq Khan	**Test Date:**	17 October 2022 / 20. January 2023
Test Sample Serial Number:	6WB2208260150 (Radiated Test sample) (C2)		
Test Sample Serial Number:	MX7-REY28.11.22.000.10088 (Radiated Test sample) (C3)		
Test Site Identification	SR 9		

FCC Reference:	Part 15.215(c)
Test Method Used:	ANSI C63.10 Section 6.9.2

Environmental Conditions:

Temperature (°C):	22 to 26
Relative Humidity (%):	27 to 39

Settings of the Instrument

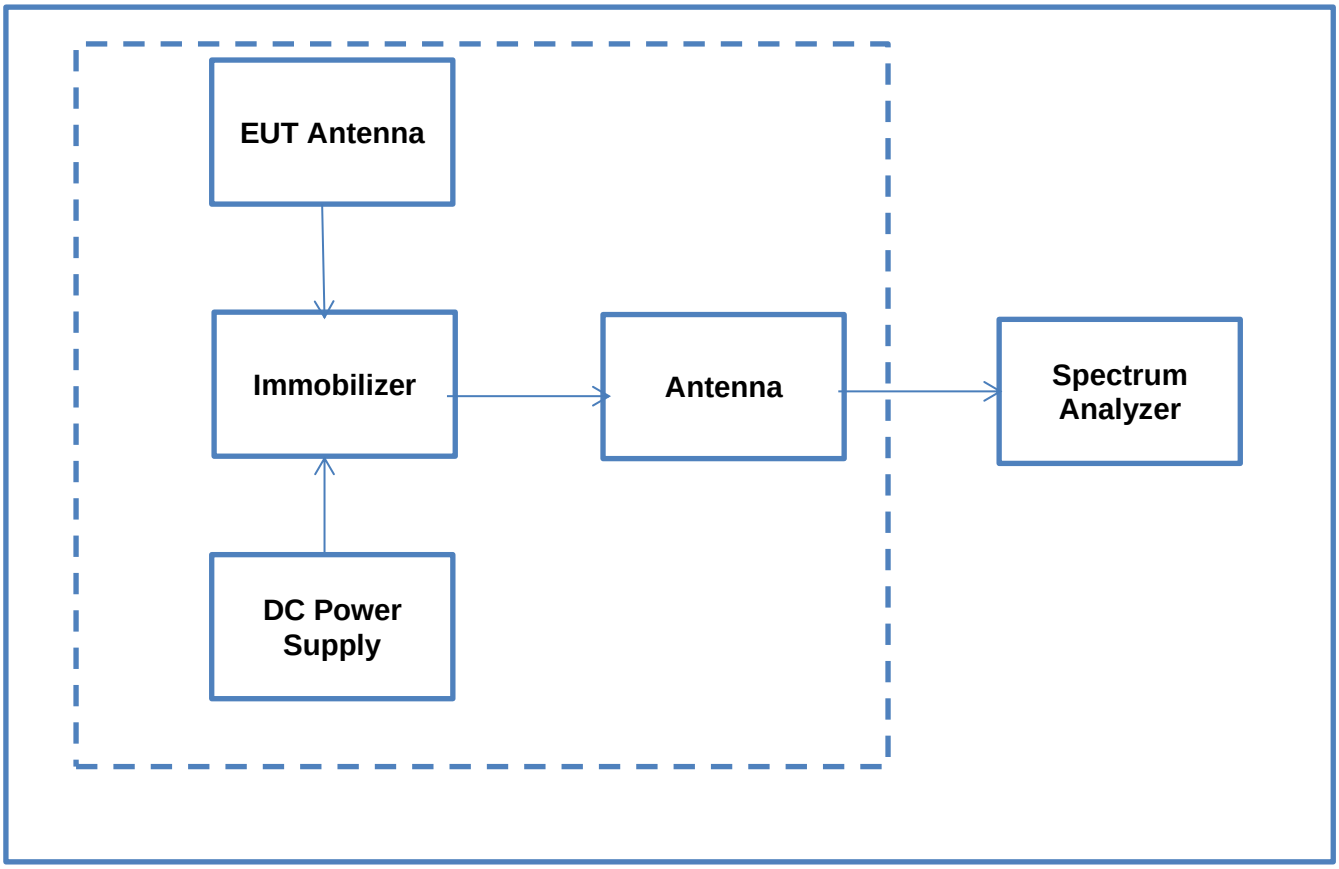
RBW/VBW	1 kHz / 3 kHz
Span	10 kHz
Sweep time	Auto
Detector	Peak

Note(s):

1. The measurement was performed by setting the RBW to 1kHz and the VBW to 3kHz, which defers from the procedure detailed in ANSI C63.10 6.9.2, due to the difficulty of selecting an appropriate RBW (1% to 5% of the OBW) for this technology. The span was 10 kHz and Peak detector was set on Max hold. The ndB down function of the marker was used where n is 20 dB.
2. The deviation (use of a larger RBW and VBW compared to the 20 dB BW) was agreed with the FCC via a generic KDB inquiry. Since it is difficult to perform the measurement of 20 dB bandwidth for the devices transmitting at 125 kHz as per test procedure detailed in ANSI C63.10 6.9.2.

Transmitter 20 dB Bandwidth (continued)

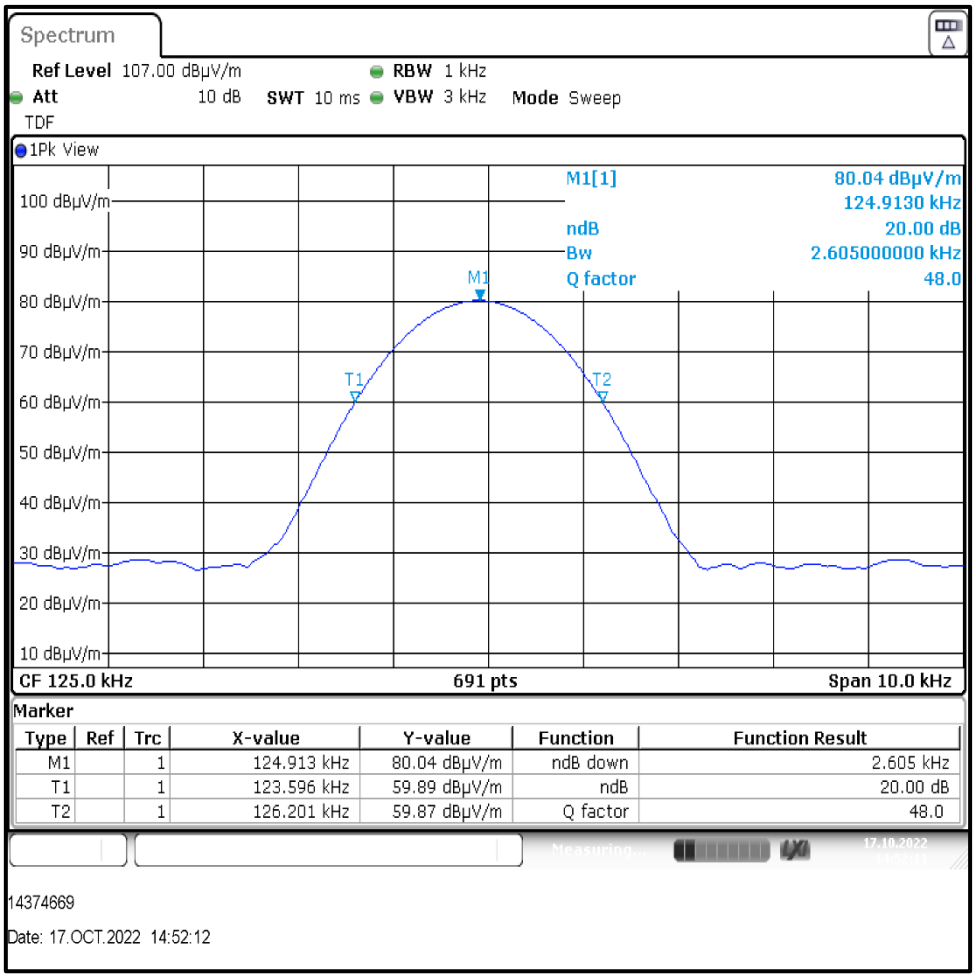
Test setup



Transmitter 20 dB Bandwidth (continued)

Results: C2 / RFID / TX / PWR MAX

Channel	20 dB Bandwidth (kHz)
125 kHz	2.605



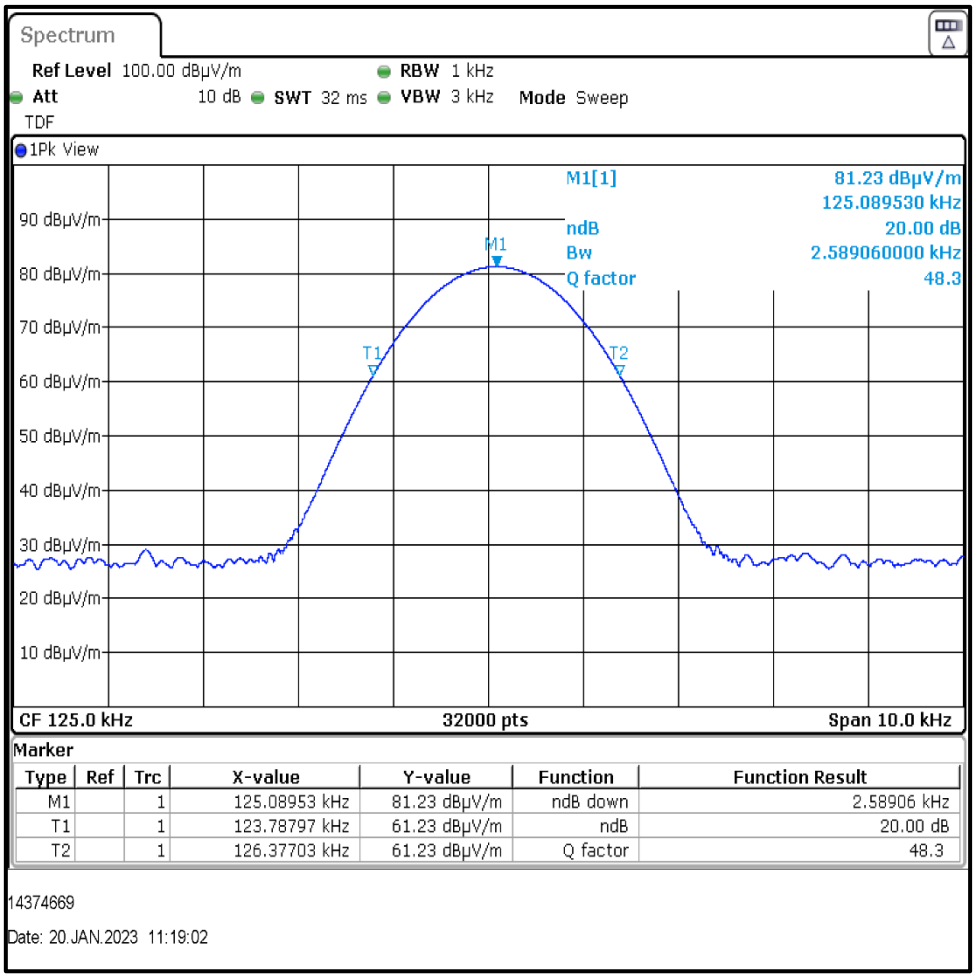
C2 Single Channel

Result: Pass

Transmitter 20 dB Bandwidth (continued)

Results: C3 / RFID / TX / PWR MAX

Channel	20 dB Bandwidth (kHz)
125 kHz	2.589



C3 Single Channel

Result: Pass

5.2.2. Transmitter Fundamental Field Strength

Test Summary:

Test Engineer:	Muhammad Faiq Khan	**Test Date:**	11 October 2022 to 17 January 2023
Test Sample Serial Number:	6WB2208260150 (Radiated Test sample) (C2)		
Test Sample Serial Number:	MX7-REY28.11.22.000.10088 (Radiated Test sample) (C3)		
Test Site Identification	SR 1/2		

FCC Reference:	Part 15.209(d)
Test Method Used:	ANSI C63.10 Section 6.4

Environmental Conditions:

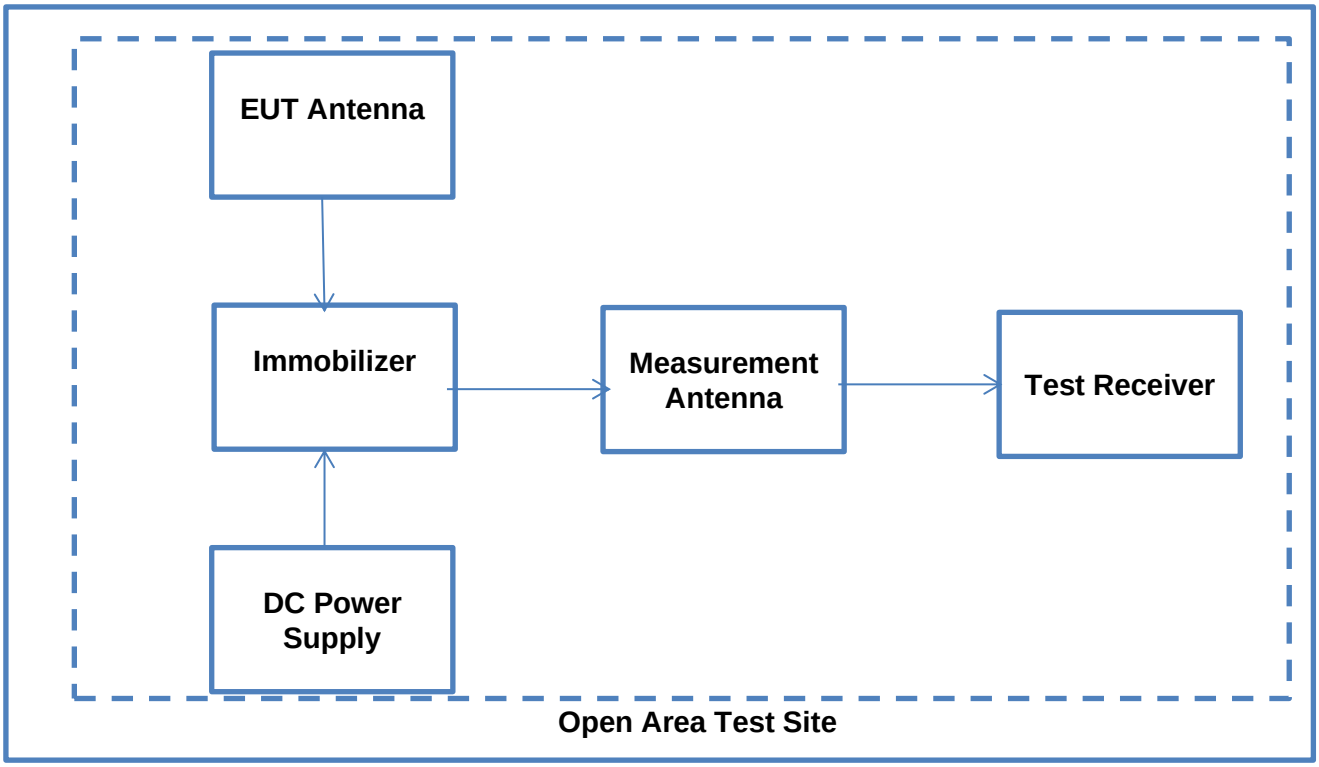
Temperature (°C):	21 to 22
Relative Humidity (%):	37 to 58

Note(s):

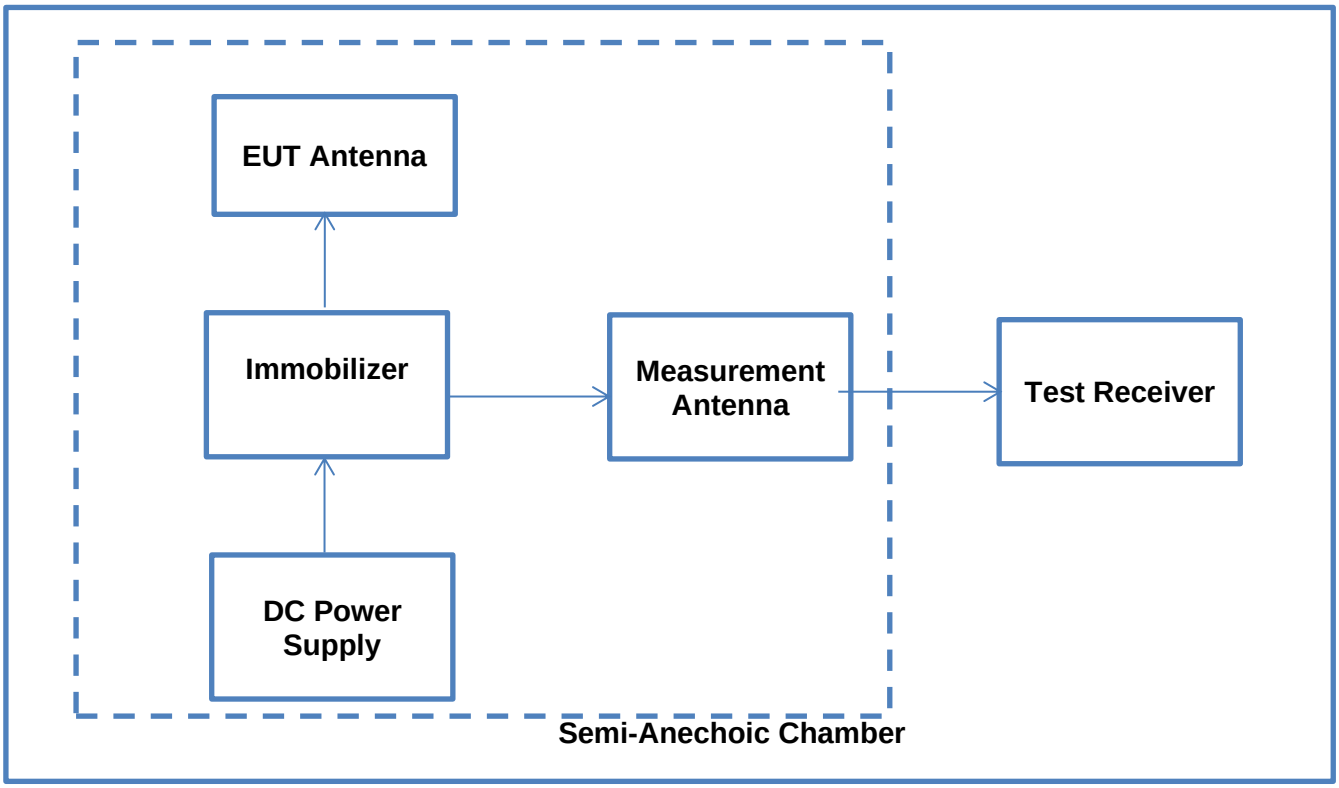
1. The limit is specified at a test distance of 300 metres. However, as specified by FCC Section 15.31 (f)(2), measurements may be performed at a closer distance and the measured level corrected to the specified measurement distance by using the square of an inverse linear distance extrapolation factor (40dB/decade).
2. In accordance with 414788 D01. Instead of an OATS a Semi Anechoic Chamber was used where evidence was shown that the behaviour is the same. A maximum deviation of 0.64 dB for 125 kHz was observed. This deviation is also taken into account to the result.
3. Pre-scan measurements were performed using a spectrum analyzer with a peak detector and measurement bandwidth of 200 Hz. The fundamental field strength was maximized by rotating the measurement antenna and EUT. The spectrum analyzer was then switched to test receiver mode and the final measurement on the maximized level was performed.
4. The measurement was performed at a measurement distance of 3 m where field strength of X dBuV/m was measured. This value was later extrapolated to a distance of 300 m by subtracting 80 dB from the result.
5. A transducer factor was used on the spectrum analyser during measurement. This factor includes correction between the fixed gain of the magnetic loop antenna and the calibration values. It also includes the value of the RF cable used to connect the antenna to the spectrum analyser which was incorporated into the annual calibration of the magnetic loop antenna.
6. Since the field strength level is below the quasi-peak limit, hence no quasi-peak detector measurement is required.

Transmitter Fundamental Field strength test setup

Open Area Test Site



Semi Anechoic Chamber

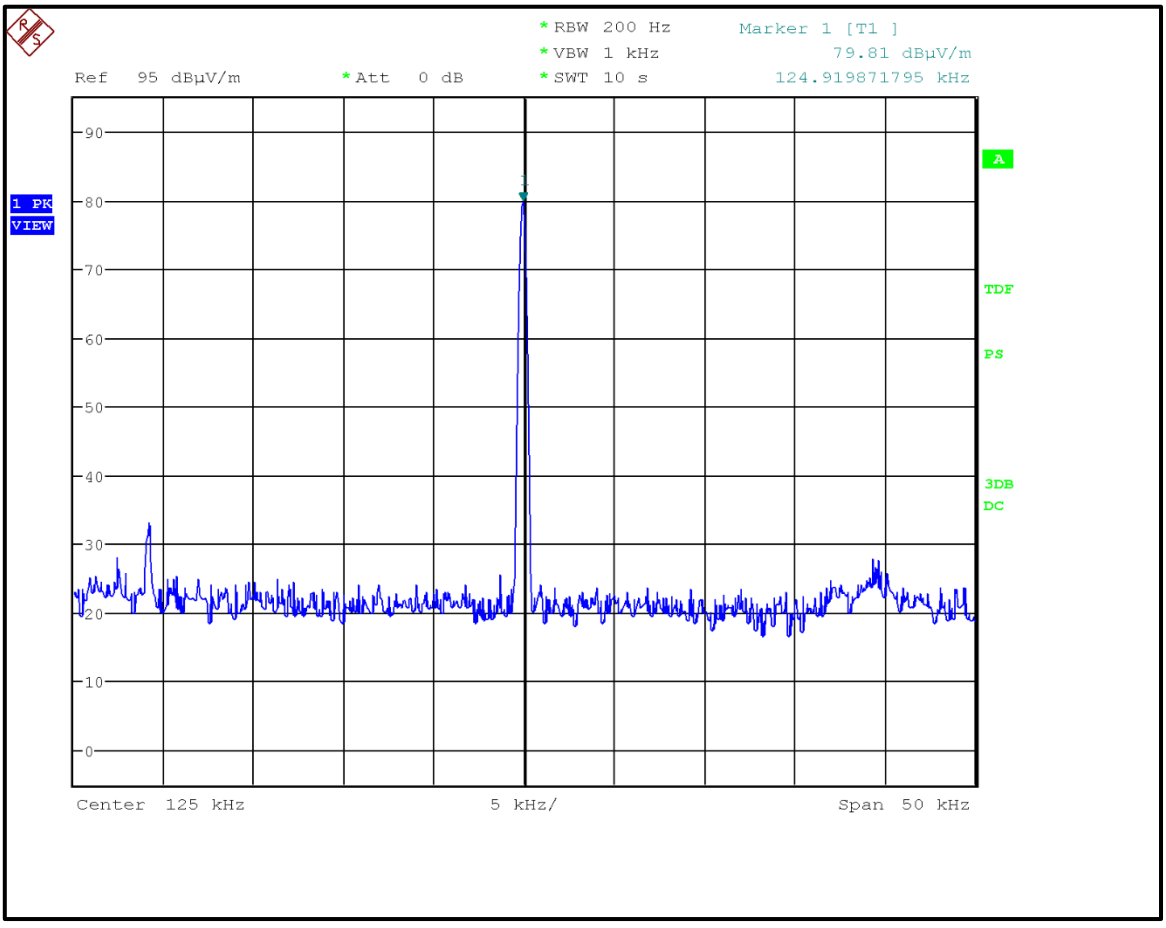


Transmitter Fundamental Field Strength (continued)

Results: C2 / RFID / TX / PWR MAX

Frequency (MHz)	Measurement Antenna Polarization	Measured Level at 3 m (dBµV/m)	Extrapolated Level at 300 m (dBµV/m)	Deviation from OATS to SAC	Corrected Level at 300 m (dBµV/m) with deviation added	Limit at 300 m (dBµV/m)	Margin (dB)	Result
124.92	0° to EUT	79.81	-0.19	0.64	0.45	25.7	25.25	Pass

Result: Pass

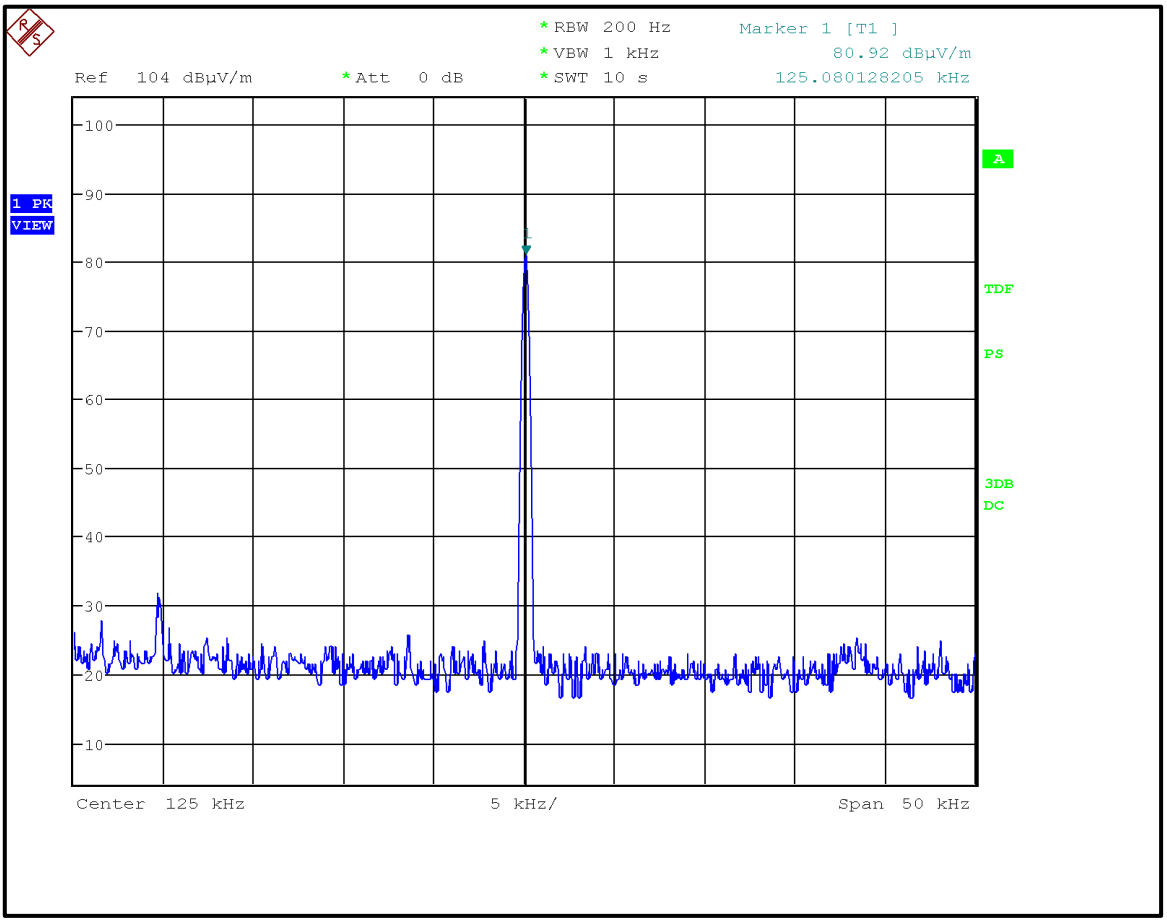


Transmitter Fundamental Field Strength (continued)

Results: C3 / RFID / TX / PWR MAX

Frequency (MHz)	Measurement Antenna Polarization	Measured Level at 3 m (dBµV/m)	Extrapolated Level at 300 m (dBµV/m)	Deviation from OATS to SAC	Corrected Level at 300 m (dBµV/m) with deviation added	Limit at 300 m (dBµV/m)	Margin (dB)	Result
125.08	0° to EUT	80.92	0.92	0.64	1.56	25.66	24.1	Pass

Result: Pass



5.2.3. Transmitter Radiated Spurious Emissions

Test Summary:

Test Engineer:	Muhammad Faiq Khan	**Test Date:**	11 October 2022 / 17 January 2023
Test Sample Serial Number:	6WB2208260150 (Radiated Test sample) (C2)		
Test Sample Serial Number:	MX7-REY28.11.22.000.10088 (Radiated Test sample) (C3)		
Test Site Identification	SR 1/2		

FCC Reference:	Parts 15.209(a)
Test Method Used:	ANSI C63.10 Sections 6.3, 6.4 and 6.5
Frequency Range:	9 kHz to 1000 MHz

Environmental Conditions:

Temperature (°C):	21
Relative Humidity (%):	58, 37

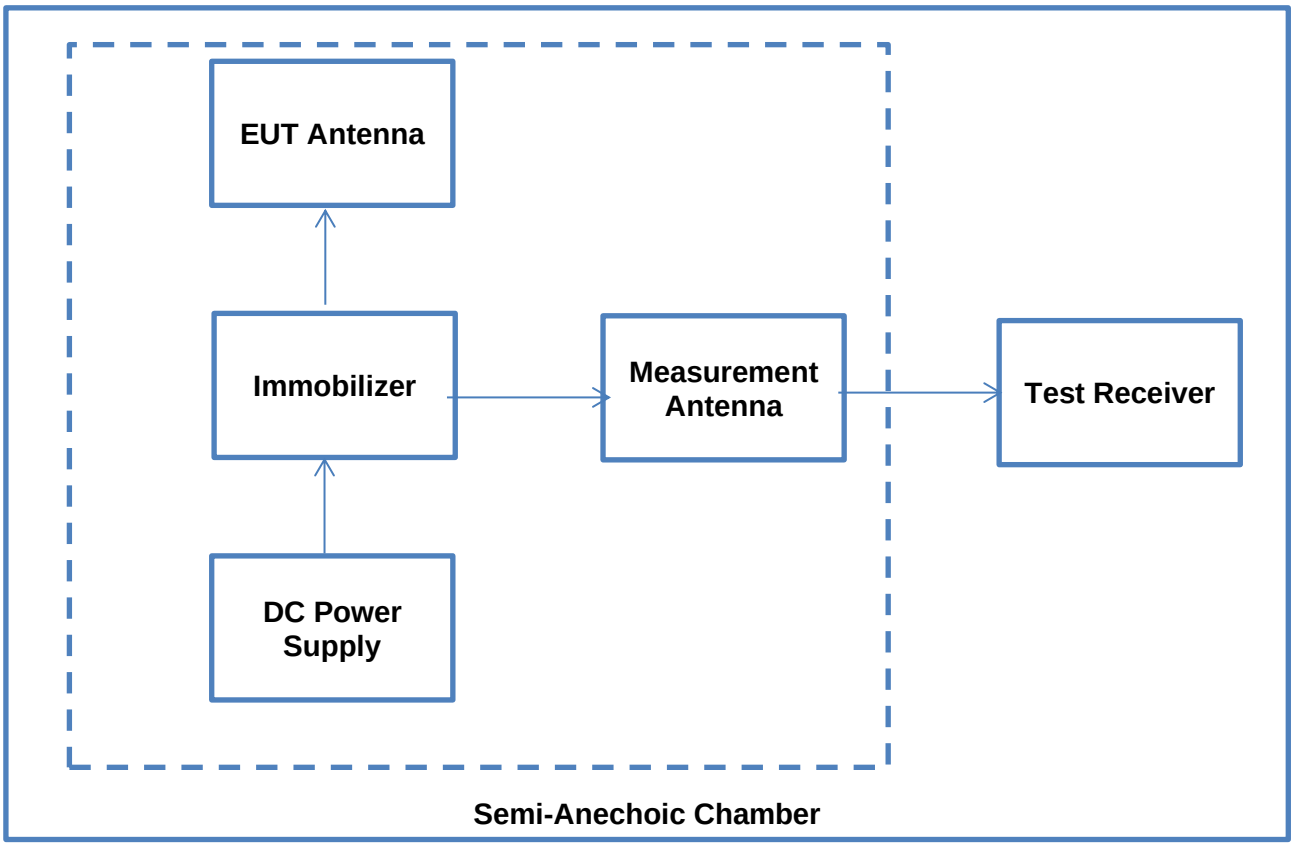
Settings of the Instrument

Frequency Range	RBW	VBW	Detector
9 kHz-150 kHz	300 Hz	1 kHz	Peak Detector
150 kHz-30 MHz	10 kHz	30 kHz	Peak Detector
30 MHz-1 GHz	100 kHz	300 kHz	Peak Detector

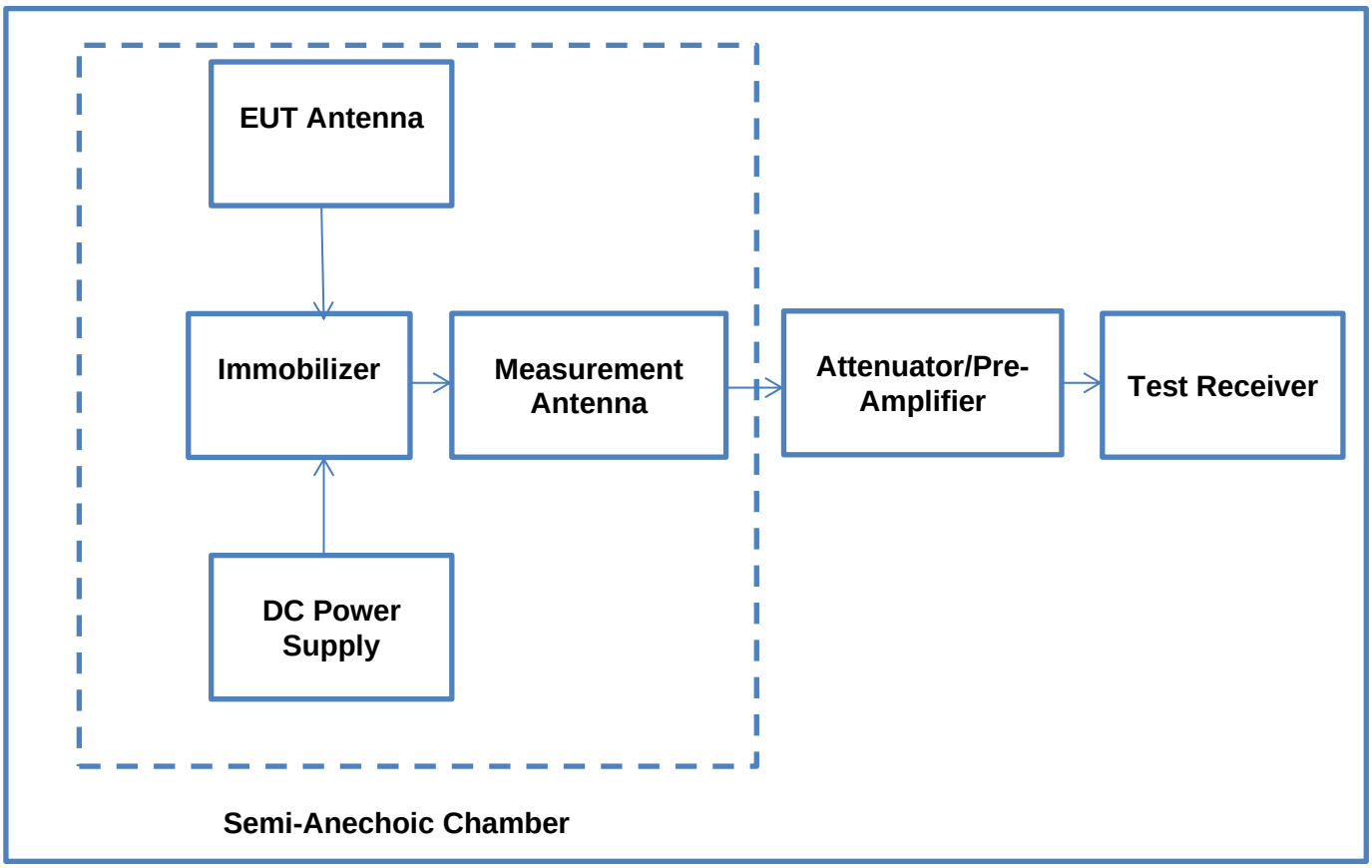
Note(s):

1. In accordance with FCC KDB 414788, an alternative test site may be used for the measurement. Therefore, the result from the semi-anechoic chamber tests is shown in this section of the test report.
2. The emissions from 9 kHz to 1 GHz were recorded. Markers were placed on the peaks of the pre-scan plots and the worst-case emissions were noted.
3. All other emissions were greater than 20 dB below the applicable limit, below the noise floor of the measurement system or ambient.
4. Measurements were performed in a semi-anechoic chamber at a distance of 3 metres. The EUT was placed at a height of 80 cm above the reference ground plane in the centre of the chamber turntable. Between 30 MHz and 1 GHz, maximum emission levels were determined by height searching the measurement antenna over the range 1 metre to 4 metres.
5. A transducer factor was used on the spectrum analyser during open field tests. This factor includes correction between the fixed gain of the magnetic loop antenna and the calibration values. It also includes the value of the RF cable used to connect the antenna to the spectrum analyser which was incorporated into the annual calibration of the magnetic loop antenna.
6. The emission shown at approximately 125 kHz is the fundamental emission. The worst-case emissions were presented in the result table.
7. Since the field strength level is below the quasi-peak limit, hence no quasi-peak detector measurement is required.
8. The measurement was performed at a measurement distance of 3 m where field strength of X dBuV/m was measured.
    - 9 kHz- 490 kHz: measured level extrapolated to a distance of 300 m by subtracting 80 dB from the result.
    - 490kHz-1705 kHz: measured level extrapolated to a distance of 30 m by subtracting 40 dB from the result.

Transmitter Radiated Spurious Emission test setup (Measurement below 30 MHz)
Test Setup:



Transmitter Radiated Spurious Emission test setup (Measurement above 30 MHz)
Test Setup:



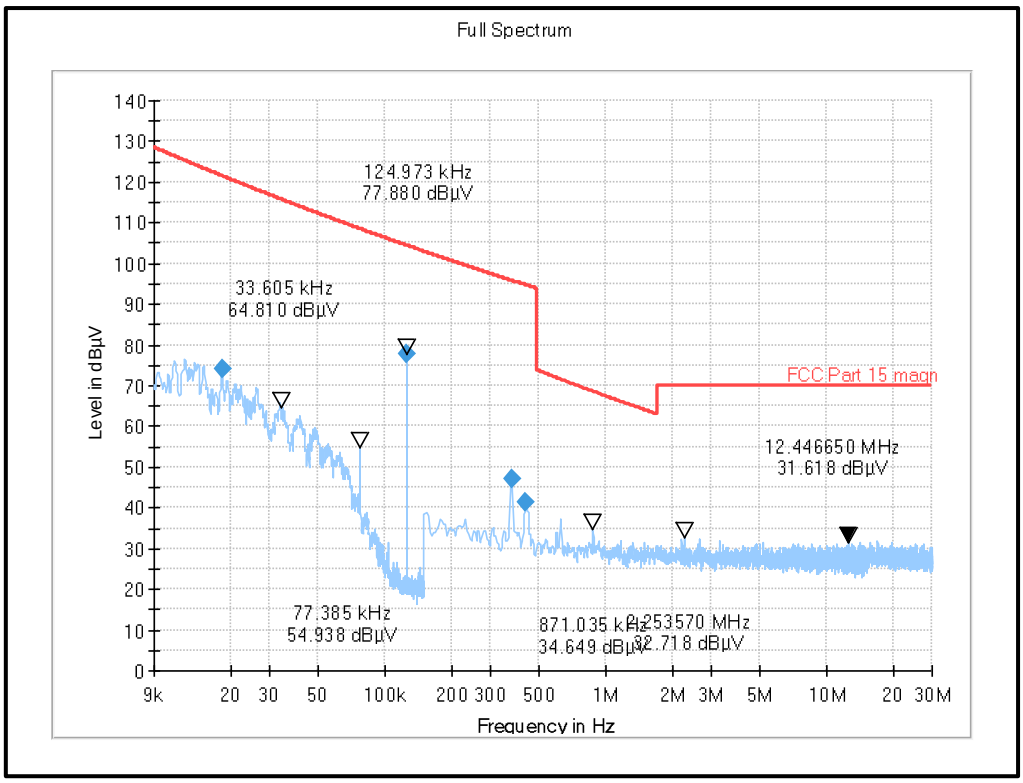
Transmitter Radiated Spurious Emissions (continued)

Results: C2 / RFID / TX / PWR MAX

Frequency (MHz)	Antenna Polarization	Extrapolated Levels (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
0.018306	Vertical	74.25	121.51	47.26	Complied
0.124973	Horizontal	77.88	104.46	26.58	Complied
0.374910	Horizontal	46.91	95.80	48.89	Complied
0.434445	Vertical	41.24	94.69	53.45	Complied

Result: Pass

Plot: Radiated Spurious Emissions (9kHz-30 MHz) @ 3m



Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying table.

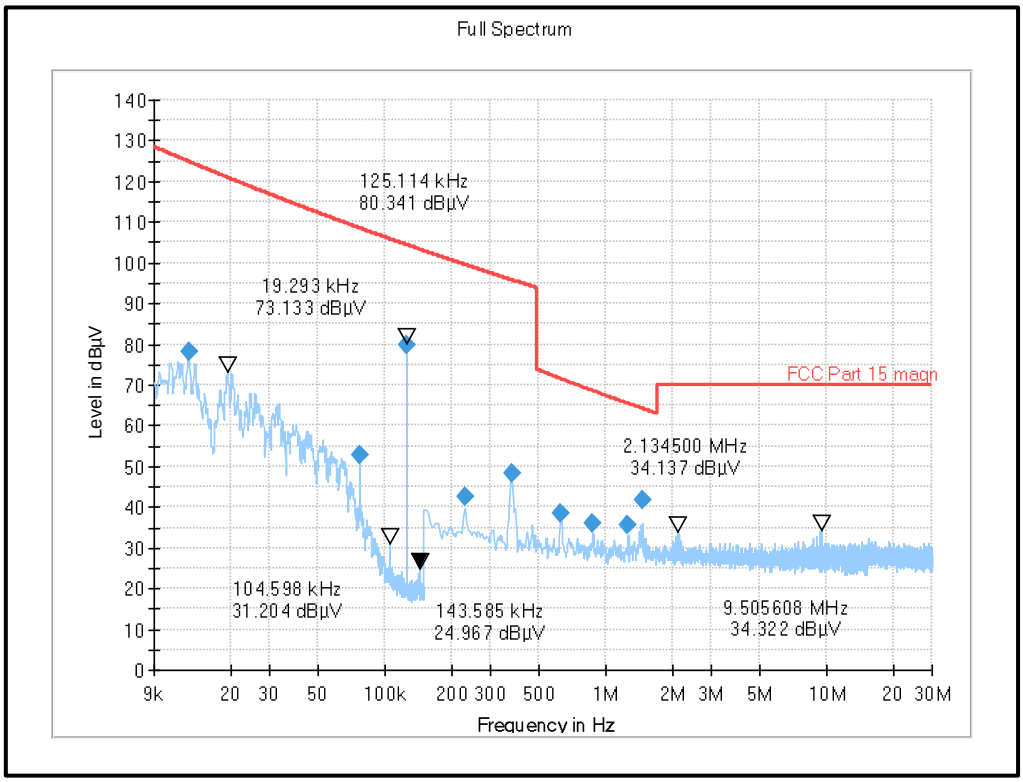
Transmitter Radiated Spurious Emissions (continued)

Results: C3 / RFID / TX / PWR MAX

Frequency (MHz)	Antenna Polarization	Extrapolated Levels (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
0.012878	Vertical	78.20	124.93	46.73	Complied
0.077456	Horizontal	52.93	108.47	55.54	Complied
0.125114	Horizontal	79.88	104.45	24.57	Complied
0.229380	Horizontal	42.63	99.58	56.95	Complied
0.374910	Horizontal	48.44	95.80	47.36	Complied
0.622973	Horizontal	38.45	71.58	33.13	Complied
0.874343	Horizontal	35.84	68.56	32.72	Complied
1.264628	Vertical	35.60	65.41	29.81	Complied
1.469693	Vertical	41.91	64.17	22.26	Complied

Result: Pass

Plot: Radiated Spurious Emissions (9kHz-30 MHz) @ 3m



Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying table.

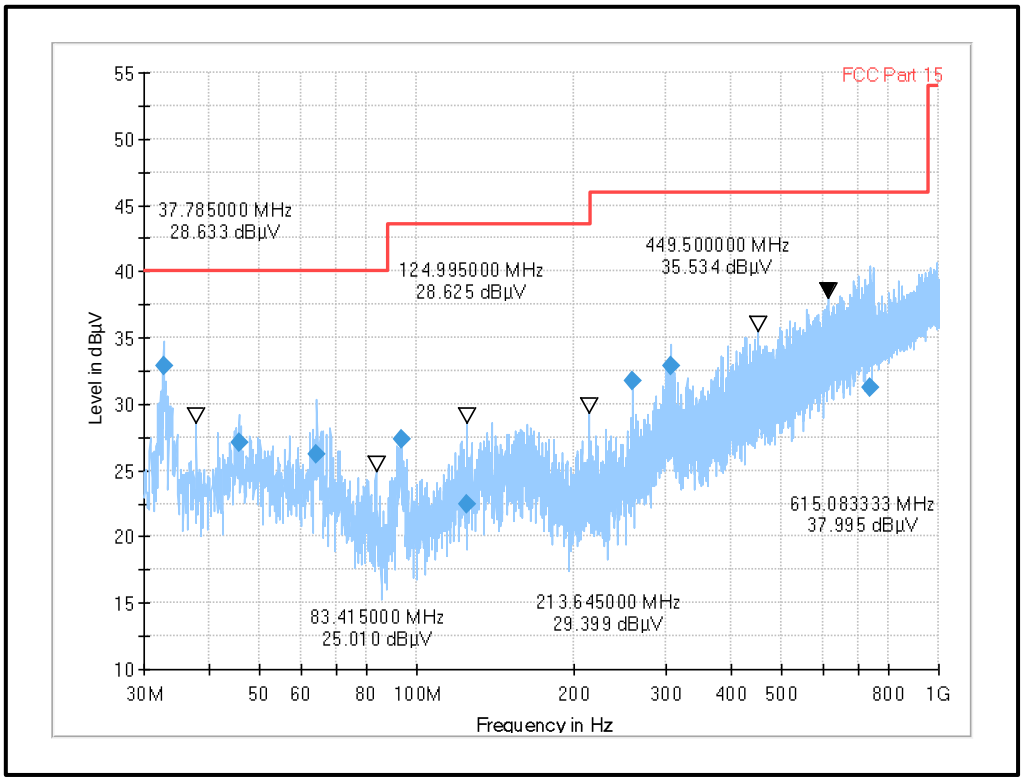
Transmitter Radiated Spurious Emissions (continued)

Results: C2 / RFID / TX / PWR MAX

Frequency (MHz)	Antenna Polarization	Extrapolated Levels (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
32.700000	Vertical	32.93	40.00	7.07	Complied
45.615000	Vertical	27.08	40.00	12.92	Complied
64.200000	Vertical	26.27	40.00	13.73	Complied
93.630000	Vertical	27.35	43.50	16.15	Complied
124.995000	Vertical	22.50	43.50	21.00	Complied
258.240000	Horizontal	31.77	46.00	14.23	Complied
306.233333	Horizontal	32.88	46.00	13.12	Complied
736.458333	Vertical	31.23	46.00	14.77	Complied

Result: Pass

Plot: Radiated Spurious Emissions (30 MHz-1 GHz) @ 3m



Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying table.

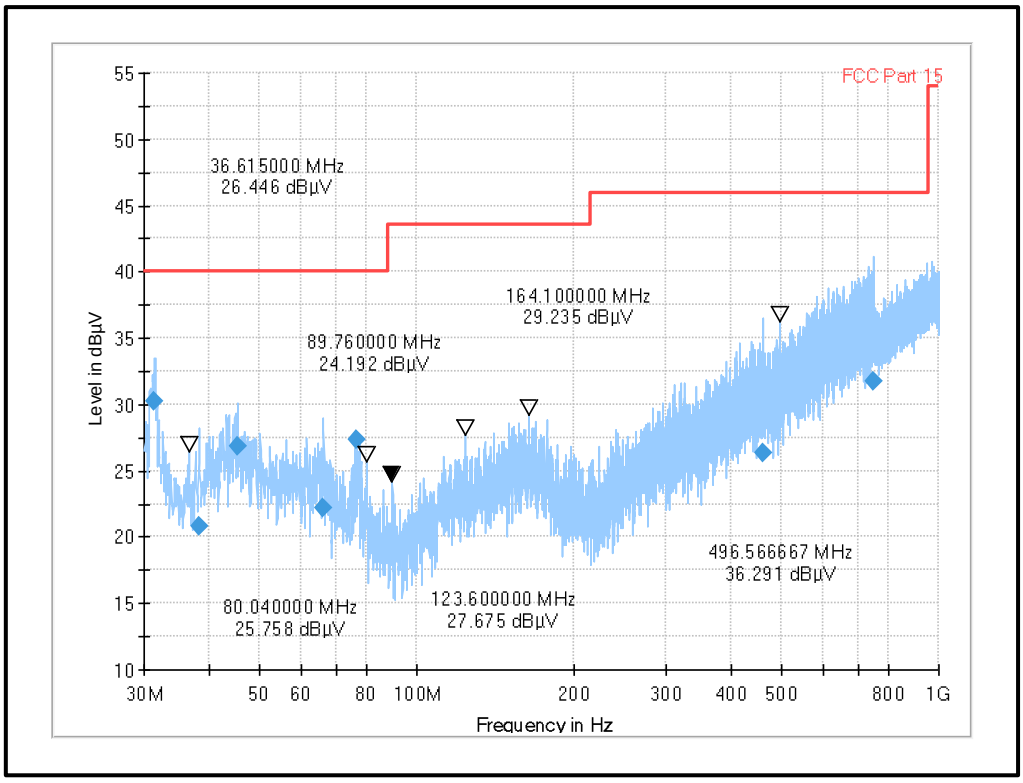
Transmitter Radiated Spurious Emissions (continued)

Results: C3 / RFID / TX / PWR MAX

Frequency (MHz)	Antenna Polarization	Extrapolated Levels (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Result
31.440000	Vertical	30.28	40.00	9.72	Complied
38.325000	Vertical	20.77	40.00	19.23	Complied
45.300000	Vertical	26.83	40.00	13.17	Complied
66.270000	Vertical	22.16	40.00	17.84	Complied
76.530000	Vertical	27.35	40.00	12.65	Complied
460.966667	Horizontal	26.30	46.00	19.70	Complied
747.833333	Horizontal	31.71	46.00	14.29	Complied

Result: Pass

Plot: Radiated Spurious Emissions (30 MHz-1 GHz) @ 3m



Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying table.

6. Measurement Uncertainty

The expression of uncertainty of a measurement result allows realistic comparison of results with reference values and limits given in specifications and standards.

The uncertainty of the result may need to be taken into account when interpreting the measurement results.

The reported expanded uncertainties below are based on a standard uncertainty multiplied by an appropriate coverage factor such that a confidence level of approximately 95% is maintained. For the purposes of this document “approximately” is interpreted as meaning “effectively” or “for most practical purposes”.

Measurement Type	Confidence Level (%)	Calculated Uncertainty
20 dB Bandwidth	95%	±0.87 %
Transmitter Fundamental Field Strength	95%	±3.10 dB
Radiated Spurious Emissions	95%	±3.10 dB

The methods used to calculate the above uncertainties are in line with those recommended within the various measurement specifications. Where measurement specifications do not include guidelines for the evaluation of measurement uncertainty the published guidance of the appropriate accreditation body is followed.

7. Used equipment

Test site: SR 1/2

ID	Manufacturer	Type	Model	Serial	Calibration Date	Cal. Cycle (months)
1	Rohde & Schwarz	Antenna, Loop	HFH2-Z2	831247/012	10/07/2020	36
460	Deisel	Turntable	DT 4250 S	n/a	n/a	n/a
452	Schwarzbeck	Antenna, Trilog Broadband	VULB 9168	9168-240	02/09/2020	36
587	Maturo	antenna mast, tilting	TAM 4.0-E	011/7180311	n/a	n/a
588	Maturo	Controller	NCD	029/7180311	n/a	n/a
591	Rohde & Schwarz	Receiver	ESU 40	100244/040	13/07/2022	12
669	Rohde & Schwarz	EMI Test Receiver	ESW 44	103087	03/02/2022	18
608	Rohde & Schwarz	Switch Matrix	OSP 120	101227	lab verification	n/a
628	Maturo	Antenna mast	CAM 4.0-P	224/19590716	n/a	n/a
629	Maturo	Kippeinrichtung	KE 2.5-R-M	MAT002	n/a	n/a
-/-	Testo	Thermo-Hygrometer	608-H1	01	lab verification	n/a
1603665	Siemens Matsushita Components	semi-anechoic chamber SR1/ 2	-/-	B83117-A1421-T161	n/a	n/a

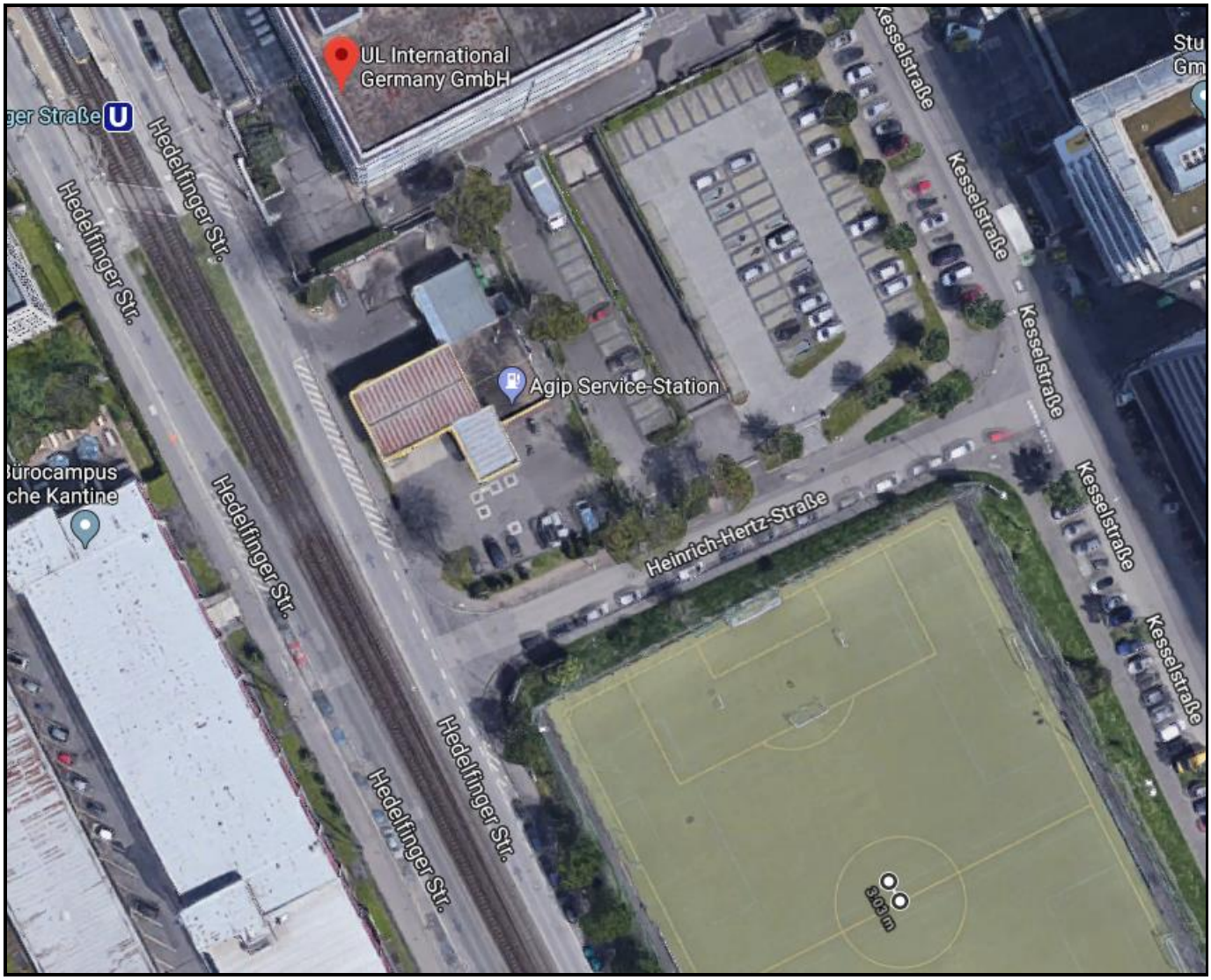
Test site: SR 9

ID	Manufacturer	Type	Model	Serial	Calibration Date	Cal. Cycle (months)
625	Schwarzbeck	Antenna, H-field	HFSL 7101	109	lab verification only relative measurements	n/a
637	Rohde & Schwarz	Spectrum Analyser	FSV40	101587	15/07/2022	12
-/-	Testo	Thermo-Hygrometer	608-H1	07	lab verification	n/a
645	Weiss Umwelttechnik	Climatic Chamber	LabEvent T/110/70/3	5822619794 0010	lab verification	n/a
327	SPS	AC/DC power distribution system	PAS 5000	A2464 00/1 0200	lab verification	n/a

8. Open-Area-Test Site comparison

GPS coordinates

48.765746, 9.250684



Test Setup

The following listed equipment was used for the measurement:

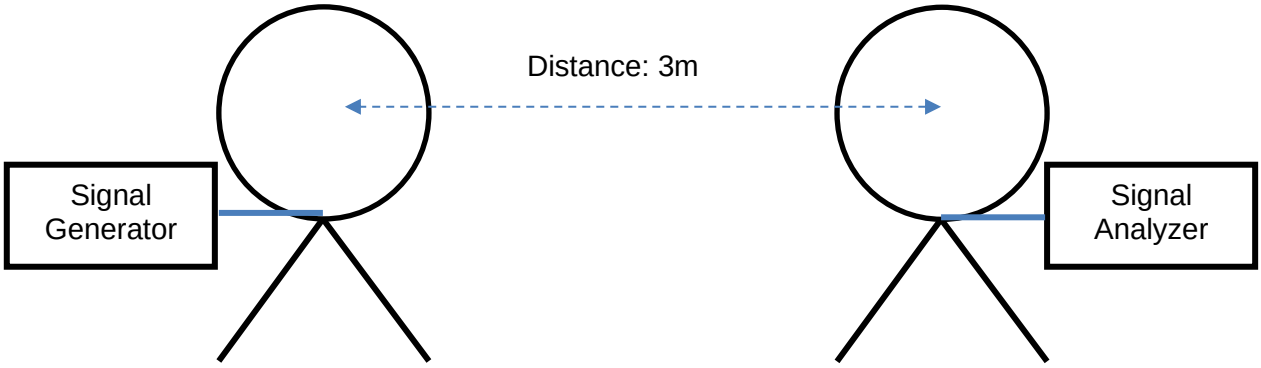
Manufacturer	Type	Model	Frequency Range
Rohde & Schwarz	Receiver, EMI Test	SML03	9 kHz – 30 MHz
Rohde & Schwarz	Receiver, EMI Test	ESIB7	20 Hz – 7 GHz
Rohde & Schwarz	Antenna, Loop	HFH2-Z2	1 kHz – 30 MHz
ETS LINDGREN	Antenna, Loop	6512	1 kHz – 30 MHz
Huber and Suhner	RF Cable	-	-
Elspec	BNC Cable	-	-

The transmit signal to the ETS Lindgren loop antenna is supplied by the SML signal generator.

The distance of the transmit and receive Antenna was 3m. No other distances can be achieved in SR1 so 10m and 30m distances are not possible. Due to this no comparison is possible.

The Results are valid for equipment which is not larger as the loop antenna which represents in the comparison the EUT.
If an EUT is bigger measurements on an OATS are needed.

The measurement was performed on the lowest frequency 9 kHz and was increased by 10 kHz Steps up to 100 kHz. Then the step size was 100 kHz up to 1000 kHz. From 1 MHz up to the last frequency of 30 MHz the step size was 1 MHz. The HFH2-Z2 loop antenna placed at 80 cm height was used as the receive antenna. The intercepted RF signal from this antenna was measured with the ESIB7 Test Receiver and the values were recorded accordingly.



Numeric values

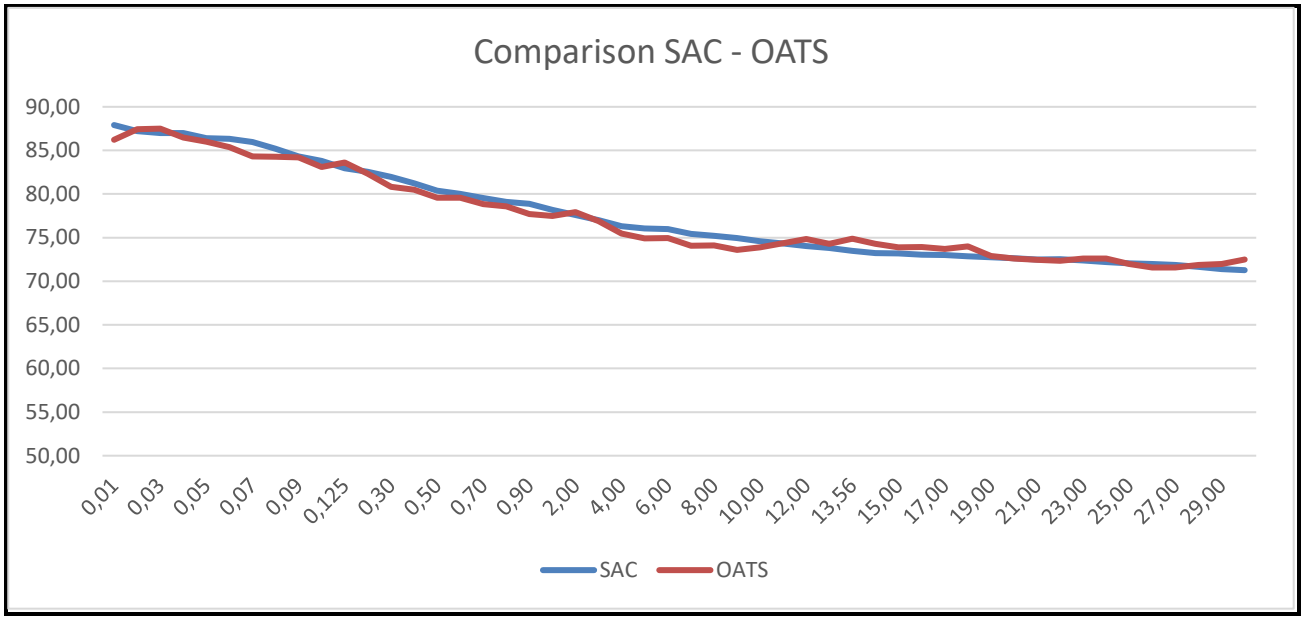
Frequency (MHz)	**0.01**	**0.02**	**0.03**	**0.04**	**0.05**	**0.06**	**0.07**	**0.08**	**0.09**	**0.10**	**0.125**	**0.20**
SR1 Measured power (dBµV)	87.91	87.22	87.01	86.98	86.40	86.32	85.98	85.20	84.30	83.80	82.96	82.55
OATS Measured power (dBµV)	86.22	87.42	87.50	86.49	86.01	85.39	84.32	84.29	84.20	83.10	83.60	82.32
Delta (dB)	-1.69	0.20	0.49	-0.49	-0.39	-0.93	-1.66	-0.91	-0.10	-0.70	0.64	-0.23

Frequency (MHz)	**0.30**	**0.40**	**0.50**	**0.60**	**0.70**	**0.80**	**0.90**	**1.00**	**2.00**	**3.00**	**4.00**	**5.00**
SR1 Measured power (dBµV)	81.98	81.23	80.39	80.00	79.53	79.10	78.87	78.20	77.60	77.01	76.32	76.04
OATS Measured power (dBµV)	80.84	80.49	79.58	79.58	78.85	78.59	77.69	77.50	77.91	76.90	75.45	74.90
Delta (dB)	-1.14	-0.74	-0.81	-0.42	-0.68	-0.51	-1.18	-0.70	0.31	-0.11	-0.87	-1.14

Frequency (MHz)	**6.00**	**7.00**	**8.00**	**9.00**	**10.00**	**11.00**	**12.00**	**13.00**	**13.56**	**14.00**	**15.00**	**16.00**
SR1 Measured power (dBµV)	75.98	75.43	75.20	74.97	74.59	74.32	74.05	73.83	73.50	73.22	73.20	73.05
OATS Measured power (dBµV)	74.94	74.09	74.11	73.58	73.87	74.38	74.84	74.31	74.88	74.29	73.90	73.93
Delta (dB)	-1.04	-1.34	-1.09	-1.39	-0.72	0.06	0.79	0.48	1.38	1.07	0.70	0.88

Frequency (MHz)	**17.00**	**18.00**	**19.00**	**20.00**	**21.00**	**22.00**	**23.00**	**24.00**	**25.00**	**26.00**	**27.00**	**28.00**	**29.00**	**30.00**
SR1 Measured power (dBµV)	73.00	72.86	72.74	72.64	72.50	72.52	72.39	72.20	72.04	71.97	71.86	71.64	71.41	71.27
OATS Measured power (dBµV)	73.70	73.98	72.90	72.60	72.45	72.34	72.59	72.59	71.97	71.59	71.58	71.88	71.98	72.49
Delta (dB)	0.70	1.12	0.16	-0.04	-0.05	-0.18	0.20	0.39	-0.07	-0.38	-0.28	0.24	0.57	1.22

Graph



Conclusion: Maximum difference is 1.69 dB @ 9 kHz

9. Report Revision History

Version Number	Revision Details		
	Page No(s)	**Clause**	**Details**
1.0	31	-	Initial Version
	Page No(s)	**Clause**	**Details**
1.1	7	3.1	Updated the EUT identification numbers.
	8	3.4	Table updated (Removed the Temperature range)
	11	5.2.1	Notes updated
Test Report Version 1.2 supersede Version 1.1 with immediate effect Test Report No. UL-RPT-RP-14374669-616-FCC Version 1.2, Issue Date 20 April 2023 replaces Test Report No. UL-RPT-RP-14374669-616-FCC Version 1.1, Issue Date 28 February 2023, which is no longer valid.			
	Page No(s)	**Clause**	**Details**
1.2	8	3.4	Table updated (Removed the Antenna Gain info)

END OF REPORT