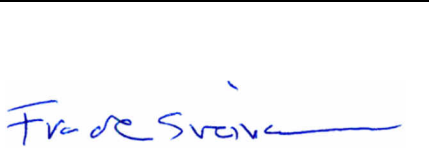
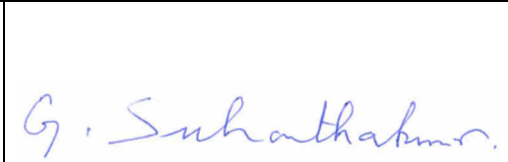


Test Report

Product	Transportable Base Station System	
Name and address of the applicant	EXFO Finland Elektroniikkatie 2 FI-90590 Oulu, Finland	
Name and address of the manufacturer	EXFO Finland Elektroniikkatie 2 FI-90590 Oulu, Finland	
Model	FXm-C, FXm-XG, FXm-B100 Model I	
Rating	See clause 1.1	
Trademark	EXFO	
Serial number	See clause 1.1	
Additional information	GSM, WCDMA, LTE	
Tested according to	FCC Part 2 Subpart J FCC Part 22 Subpart H FCC Part 24 Subpart E FCC Part 27 Subpart C FCC Part 90 Subpart S	ISED RSS-GEN Issue 5 ISED RSS-119 Issue 12 ISED RSS-130 Issue 2 ISED RSS-132 Issue 4 ISED RSS-133 Issue 6 ISED RSS-139 Issue 4 ISED RSS-199 Issue 3
Order number	450342	
Tested in period	2021-11-10 to 2022-02-07	
Issue date	2023-02-15	
Name and address of the testing laboratory	 Instituttveien 6 Kjeller, Norway www.nemko.com CAB Number: FCC: NO0001 ISED: NO0470   An accredited technical test executed under the Norwegian accreditation scheme	
		
	Prepared by [Frode Sveisen]	Approved by [G.Suhanthakumar]
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Revision history

Revision	Date	Comment	Sign
00	2022-09-15	First edition	FS
01	2023-01-24	First update	FS
02	2023-02-15	Updated to RSS-132 Issue 4	FS



THIS TEST REPORT APPLIES ONLY TO THE ITEM(S) AND CONFIGURATIONS TESTED.

Deviations from, additions to, or exclusions from the test specifications are described in "Summary of Test Data".

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Annex 1 – Plots for B100 I

1 INFORMATION

1.1 Test Item

Name	EXFO
Model	FXm-C FXm-XG FXm-B100 Model I
FCC ID	2A7IGEXCBTS100I
ISED ID	28799-EXCBTS100I
Power Supplies	PowerStax Model:MS1U-6M-444400 (Input: 100-240V~50-60Hz, Output: 10A, Max 900W) TDK-Lambda Model: DTM300PW280D1 (Input 100-240V~3.3-1.4A, 50-60Hz, Output: 28.0V=10.71A, Max 300W)

Model	FXm-C	FXm-XG	FXm-B100 Model I
Description	Controller	Main Unit	Amplifier Unit
Serial Number	1353058	1359742	1362272
HW Version	3.0	4.1	4.0
SW Version	BSP 01.14.04-B328	/	/
Input Voltage	10-32 V _{DC}	N/A	24-32 V _{DC}
Antenna Conn.	N/A	N/A	N-Female
RF-Coupler	N/A	N/A	JFCC0699T2690NF-2-EXF-A S/N: 20101000126
Power Supply	TDK-Lambda DTM300PW280D1	Powered from FXm-C	PowerStax

Characteristics	Description	
Radio System Type	GSM, WCDMA, LTE	
Channel Spacing	GSM, WCDMA	0.2 MHz
	LTE	0.1 MHz
Channel Bandwidths	GSM	0.2 MHz
	WCDMA, LTE	5 MHz
Type of Modulation	GSM	8PSK
	WCDMA	QPSK
	LTE	QPSK

1.2 Normal Test Conditions

Temperature:	21 - 24 °C
Relative humidity:	30 - 50 %
Normal test voltage:	120 V 60Hz AC

The values are the limit registered during the test period.

All tests were performed with the listed power supplies powered from a regulated AC Power Source.

1.3 Test Engineer

Frode Sveinsen

1.4 Test Methods

FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
ANSI C63.25-2015

1.5 EUT Operating Modes and Test Set-up

Description of operating modes	A laptop computer with Remote Desktop was used to connect to the the Controller Unit. The EUT was controlled with a test software application on the Controller. The test software application allowed selection of operating mode, frequency band, operating channel and power level.
Description of Test Set-up	The Controller is latched on to the Main Unit. The Main Unit is connected to the amplifier unit by the supplied cable. The amplifier unit B100I is connected to FXm-C with an ethernet cable and an 8-pin RF-cable. This amplifier units have 5 N-type RF connectors for each frequency band, these RF connctors are connected to a pentaplex coupling box with a single N-connector output.

1.6 Comments

The measurements were done with the EUT powered by 120 V AC. It was checked that power variations between 85% and 115% did not have any influence on the measurements.

The output stages was pre-programmed with maximum power levels for each operating mode and frequency band, however for most band edge frequencies the power levels were reduced further to satisfy the emission limits.

1.7 Supported Operating Modes and Frequency Bands

Output Stage Model B100 I							
Operating Mode	Frequency Band	Low Channel	High Channel	Min Freq (MHz)	Max Freq (MHz)	FCC Part	RSS Part
GSM (2G)	B02	516	806	1931.0	1989.0	Part 24E	RSS-133, Issue 6
	B05	129	250	869.4	893.6	Part 22H	RSS-132, Issue 4
WCDMA (3G)	B02	9675	9925	1935.0	1985.0	Part 24E	RSS-133, Issue 6
	B04	1540	1730	2113.0	2151.0	Part 27C	RSS-139, Issue 4
	B05	4357	4458	871.4	891.6	Part 22H	RSS-132, Issue 4
LTE (4G)	B02	630	1170	1933.0	1987.0	Part 24E	RSS-133, Issue 6
	B04	1980	2370	2113.0	2152.0	Part 27C	RSS-139, Issue 4
	B05	2425	2625	871.5	891.5	Part 22H	RSS-132, Issue 4
	B10	4180	4720	2113.0	2167.0	Part 27C	RSS-139, Issue 4
	B12	5035	5155	731.5	743.5	Part 27C	RSS-130, Issue 2
	B17	5755	5825	736.5	743.5	Part 27C	RSS-130, Issue 2
	B25	8070	8660	1933.0	1992.0	Part 24E	RSS-133, Issue 6
	B26_1	8715	8765	861.5	866.5	Part 90S	RSS-119, Issue 12
	B26_2	8815	9015	871.5	891.5	Part 22H	RSS-132, Issue 4
	B41	39680	41565	2499.0	2687.5	Part 27C	RSS-199, Issue 3
	B66	66466	67135	2113.0	2179.9	Part 27C	RSS-139, Issue 4

2 TEST REPORT SUMMARY

2.1 General

All measurements are traceable to national standards.

Radiated tests were made in a semi-anechoic chamber at measuring distance of 3m.

A description of the test facility is on file with the FCC and Industry Canada.

☒ New Submission	☒ Production Unit
☐ Class II Permissive Change	☐ Pre-production Unit
TNB Equipment Code	☐ Family Listing

2.2 Test Summary

Name of test	FCC Reference	ISED Canada RSS Reference	Test Method ANSI C63.26-2015 Reference	Result
RF Power Output	2.1046 22.913 24.232 27.50 90.635	5.4 (RSS-119) 4.6 (RSS-130) 5.4 (RSS-132) 6.4 (RSS-133) 5.5 (RSS-139) 4.4 (RSS-199)	5.2.3.4	Complies
Peak-Average Ratio	2.1046 24.232 27.50	4.6 (RSS-130) 5.4 (RSS-132) 6.4 (RSS-133) 5.5 (RSS-139) 4.4 (RSS-199)	5.2.3.4	Complies
Modulation Characteristics	2.1047	5.2 (RSS-119) 4.2 (RSS-130) 5.2 (RSS-132) 6.2 (RSS-133) 5.3 (RSS-139) 4.1 (RSS-199)	5.3	Complies
Bandwidth	2.1049	5.5 (RSS-119) 6.7 (RSS-GEN)	5.4.3 5.4.4	Complies
Band Edge Compliance	2.1051 22.917 24.238 27.53	5.8 (RSS-119) 4.7 (RSS-130) 5.5 (RSS-132) 6.5 (RSS-133) 5.6 (RSS-139) 4.5 (RSS-199)	5.7	Complies
Emission Mask	N/A	N/A	-	N/A
Spurious Emissions at antenna terminals	2.1051 22.917 24.238	5.8 (RSS-119) 4.7 (RSS-130) 5.5 (RSS-132)	5.7	Complies

Name of test	FCC Reference	ISED Canada RSS Reference	Test Method ANSI C63.26-2015 Reference	Result
	27.53 90.691	6.5 (RSS-133) 6.6 (RSS-139) 4.5 (RSS-199)		
Field Strength of Spurious Radiations	2.1053, 2.1057 22.917 24.238 27.53 90.691	5.11 (RSS-119) 4.7 (RSS-130) 5.5 (RSS-132) 6.5 (RSS-133) 5.6 (RSS-139) 4.5 (RSS-199)	5.5	Complies
Frequency Stability	2.1055 22.355 24.235 27.54 90.213	5.3 (RSS-119) 4.5 (RSS-130) 5.3 (RSS-132) 6.3 (RSS-133) 5.4 (RSS-139) 4.3 (RSS-199)	5.6	Complies

3 TEST RESULTS

3.1 RF Output Power / Peak Excursion / Emission Bandwidth

Test Results: Complies

Measurement Method:

ANSI C63.26-2015 Clause 5.2 / 5.4

Output Power (dBm)	CCDF Function of Spectrum analyzer Number of Samples: 1,000,000 Bandwidth: Same as or higher than Channel BW (5, 10 or 20 MHz) EUT was transmitting continuously with modulation
PSD Average Power (dBm/MHz)	Spectrum analyzer RMS Detector, Max Hold, RBW: 1MHz, VBW: 3MHz Trace was allowed to stabilize EUT was transmitting continuously with modulation
Emission BW (20 dB)	Spectrum Analyzer with 20dB Marker function Peak Detector, Max Hold, RBW: 1-5% of EBW, VBW: 3xRBW Trace was allowed to stabilize EUT was transmitting continuously with modulation
Occupied BW (99%)	Spectrum Analyzer with 99% OBW function Peak Detector, Max Hold, RBW: 1-5% of EBW, VBW: 3xRBW Trace was allowed to stabilize EUT was transmitting continuously with modulation

Measurement data:

B100 Model I 2G, GSM									
Band	Channel	Tx Freq (MHz)	Power Level	Average Power (dBm)	Peak Power (dBm)	Peak- Average Ratio, 0.1% (dB)	Average Power (dBm/ MHz)	EBW 26dB BW (kHz)	OBW 99% BW (kHz)
B02	516	1931.0	54	34.9	35.5	0.64			
	517	1931.2	80	38.3	38.9	0.62		303.7	244.6
	540	1935.8	100	41.2	41.8	0.60		300.7	246.5
	661	1960.0	100	41.5	42.0	0.58	42.0	304.7	245.3
	781	1984.0	100	41.9	42.5	0.58		301.7	246.5
	805	1988.8	67	38.1	38.6	0.58			
	806	1989.0	42	34.5	35.1	0.60			
B05	129	869.4	58	37.3	37.9	0.60		304.7	
	155	874.6	100	40.8	41.4	0.60			
	189	881.4	100	41.1	41.6	0.56	41.4	301.7	245.2
	225	888.6	100	40.3	40.8	0.56			
	250	893.6	67	37.3	37.8	0.60		302.7	

B100 Model I 3G, WCDMA									
Band	Channel	Tx Freq (MHz)	Power Level	Average Power (dBm)	Peak Power (dBm)	Peak-Average Ratio, 0.1% (dB)	Average Power (dBm/MHz)	EBW 26dB BW (MHz)	OBW 99% BW (MHz)
B02	9675	1935.0	36	35.7	44.6	7.82			
	9680	1936.0	52	38.8	46.3	6.84		4.83	4.25
	9690	1938.0	62	40.5	47.1	6.10		8.21	4.33
	9700	1940.0	75	42.1	46.3	4.18		11.5	4.73
	9800	1960.0	75	42.2	46.0	3.76	45.2	11.8	5.30
	9895	1979.0	75	42.2	46.2	3.92		11.7	5.15
	9900	1980.0	72	42.1	46.4	4.28		11.6	4.71
	9910	1982.0	55	39.8	47.0	6.56		4.88	4.27
	9920	1984.0	44	38.0	46.3	7.40		4.75	4.21
	9925	1985.0	36	36.6	45.4	7.84		4.71	4.19
	1540	2113.0	28	32.0	41.9	8.52		4.68	4.17
	1550	2115.0	44	36.0	45.0	8.02		4.71	4.19
B04	1560	2117.0	52	37.3	45.9	7.70		4.74	
	1565	2118.0	64	39.7	47.3	6.80		4.86	
	1570	2119.0	75	41.6	47.0	5.20		8.89	
	1638	2132.6	75	41.6	47.1	5.26	46.2	8.20	4.34
	1705	2146.0	75	41.6	46.5	4.76		11.3	
	1710	2147.0	69	40.6	46.2	5.40		8.06	
	1715	2148.0	55	38.0	46.0	7.14		4.79	
	1720	2149.0	55	37.9	45.8	7.06		4.80	
	1725	2150.0	46	36.1	44.6	7.58		4.75	
	1730	2151.0	35	33.3	42.7	8.22		4.71	4.18
	4357	871.4	4	30.3	39.5	8.06		4.72	
	4360	872.0	40	36.4	45.6	8.18		4.72	
B05	4370	874.0	48	37.5	46.6	8.12		4.72	
	4385	877.0	75	41.8	49.7	7.20		4.79	
	4408	881.6	75	41.7	48.9	6.64	46.4	4.88	4.25
	4430	886.0	75	41.3	49.2	7.14		4.84	
	4445	889.0	51	37.3	46.6	8.36		4.74	
	4455	891.0	51	37.3	46.5	8.14		4.72	
	4458	891.6	5	30.0	39.0	7.96		4.74	

B100 Model I 4G, LTE									
Band	Channel	Tx Freq (MHz)	Power Level	Average Power (dBm)	Peak Power (dBm)	Peak-Average Ratio, 0.1% (dB)	Average Power (dBm/MHz)	EBW 26dB BW (MHz)	OBW 99% BW (MHz)
B02	630	1933.0	34	33.1	41.8	7.66		5.01	
	640	1934.0	38	34.2	42.8	7.52			
	650	1935.0	42	35.2	43.3	7.44		5.01	
	660	1936.0	52	37.3	44.9	6.98			
	670	1937.0	60	39.0	46.2	6.54		5.14	
	680	1938.0	69	40.4	46.0	5.36		7.73	
	690	1939.0	69	40.7	46.0	5.10		8.96	
	900	1960.0	69	40.9	45.6	4.58	43.6	10.95	4.71
	1100	1980.0	69	41.1	46.1	4.78		10.29	
	1110	1981.0	67	40.8	46.2	5.14		9.67	
	1130	1983.0	58	39.3	46.4	6.62		5.08	
	1150	1985.0	44	36.6	44.6	7.30		5.01	
	1160	1986.0	39	35.4	43.5	7.46		5.00	
	1170	1987.0	32	33.8	42.1	7.60			
B04	1980	2113.0	40	31.8	40.6	7.82		5.01	
	1990	2114.0	48	33.7	42.4	7.74		5.00	
	2000	2115.0	55	35.2	43.8	7.56		5.01	
	2010	2116.0	62	36.8	44.9	7.30		5.00	
	2020	2117.0	68	38.1	45.8	7.00		5.00	
	2030	2118.0	74	39.2	46.5	6.70		5.03	
	2050	2120.0	82	40.7	46.4	5.46		7.25	
	2175	2132.5	82	40.8	46.5	5.46	44.4	7.23	4.58
	2325	2147.5	82	40.7	45.9	5.00		9.51	
	2340	2149.0	74	38.9	45.9	6.38		5.17	
	2350	2150.0	60	35.9	43.6	7.12		5.00	
	2360	2151.0	52	34.1	42.4	7.46		5.01	
	2370	2152.0	40	31.1	39.8	7.62		5.01	
B05	2425	871.5	48	33.2	42.0	7.70			
	2430	872.0	75	38.2	46.7	7.60		5.00	
	2451	874.1	88	40.0	48.2	7.32			
	2455	874.5	92	40.6	48.5	7.16			
	2525	881.5	92	40.7	48.1	6.84	44.0	5.01	4.53
	2599	888.9	92	40.2	48.2	7.40			
	2600	889.0	77	37.5	46.3	7.88			
	2620	891.0	77	37.7	46.1	7.74			

B100 Model I 4G, LTE									
Band	Channel	Tx Freq (MHz)	Power Level	Average Power (dBm)	Peak Power (dBm)	Peak-Average Ratio, 0.1% (dB)	Average Power (dBm/MHz)	EBW 26dB BW (MHz)	OBW 99% BW (MHz)
	2625	891.5	50	32.9	41.7	7.78			
B10	4180	2113.0	40	31.1	39.9	7.80		5.01	
	4200	2115.0	58	35.4	43.7	7.50		5.00	
	4220	2117.0	70	38.1	45.9	6.96		5.01	
	4230	2118.0	72	38.8	46.3	6.80		5.03	
	4240	2119.0	79	39.9	47.1	6.42		5.17	
	4450	2140.0	79	40.2	47.2	6.32	43.9	5.26	4.56
	4660	2161.0	79	40.1	45.6	5.30		7.80	
	4670	2162.0	76	39.3	45.3	5.70		5.17	
	4680	2163.0	70	38.0	45.4	6.78		5.01	
	4700	2165.0	58	35.2	43.5	7.52		5.01	
	4720	2167.0	50	33.3	41.8	7.80		5.01	
B12	5035	731.5	52	33.2	42.0	7.62			
	5060	734.0	76	37.4	45.9	7.52			
	5070	735.0	93	40.3	48.3	7.10	44.2		
	5095	737.5	93	40.4	48.2	7.04	44.4	5.01	4.52
	5100	738.0	93	40.3	48.2	7.08			
	5120	740.0	93	40.2	48.1	7.14	43.9		
	5140	742.0	77	37.5	45.8	7.48			
	5150	743.0	77	37.4	45.8	7.48			
	5155	743.5	48	32.3	40.8	7.54			
B17	5755	736.5	73	37.2	45.7	7.50			
	5760	737.0	73	37.2	45.6	7.48			
	5790	740.0	94	40.4	48.2	7.06	44.3	5.01	4.52
	5799	740.9	94	40.2	47.9	7.08	44.2		
	5825	743.5	76	37.2	45.6	7.46			
B25	8070	1933.0	35	32.5	41.1	7.52			
	8090	1935.0	46	35.5	43.7	7.34		5.00	
	8110	1937.0	62	38.9	46.1	6.52		5.13	
	8130	1939.0	70	40.3	45.9	5.34		7.66	
	8365	1962.5	70	40.8	46.1	4.96	43.9	10.15	4.62
	8600	1986.0	70	41.1	46.5	5.10		8.28	
	8620	1988.0	62	39.7	45.7	5.64		6.73	
	8640	1990.0	46	36.3	44.2	7.14		5.00	
	8660	1992.0	36	33.6	41.9	7.58			

B100 Model I 4G, LTE									
Band	Channel	Tx Freq (MHz)	Power Level	Average Power (dBm)	Peak Power (dBm)	Peak-Average Ratio, 0.1% (dB)	Average Power (dBm/MHz)	EBW 26dB BW (MHz)	OBW 99% BW (MHz)
B26_1	8715	861.5	9	26.6	35.3	7.54			
	8720	862.0	31	30.3	39.0	7.68		5.00	
	8730	863.0	45	32.8	41.7	7.76		5.00	
	8740	864.0	68	36.7	45.5	7.74	40.0	5.03	4.52
	8750	865.0	62	35.7	44.4	7.70			
	8760	866.0	25	29.8	38.3	7.56			
	8765	866.5	4	26.2	34.7	7.52			
B26_2	8815	871.5	50	34.1	42.8	7.68			
	8820	872.0	79	38.9	47.2	7.40			
	8840	874.0	90	40.4	48.3	7.16			
	8914	881.4	92	40.8	48.2	6.76		5.01	4.53
	8989	888.9	92	40.4	48.5	7.34			
	9010	891.0	77	37.8	46.5	7.70			
	9015	891.5	42	32.3	40.9	7.60			
B41	39680	2499.0	40	30.1	40.6	9.60		5.03	4.53
	39700	2501.0	57	35.3	45.6	9.32			
	39720	2503.0	68	38.6	48.1	8.70			
	39730	2504.0	69	39.2	48.4	8.56			
	40620	2593.0	69	39.9	48.6	8.10	44.6	5.17	4.56
	41530	2684.0	69	37.9	46.9	8.34			
	41540	2685.0	66	36.9	46.1	8.54			
	41565	2687.5	22	23.7	33.9	9.32			
B66	66466	2113.0	22	30.6	39.5	7.86		5.01	
	66486	2115.0	40	35.0	43.4	7.62		5.00	
	66506	2117.0	51	37.3	45.2	7.22		5.01	
	66526	2119.0	62	39.5	46.9	6.58		5.09	
	66546	2121.0	71	41.3	46.6	5.10		7.90	
	66886	2155.0	71	41.0	45.6	4.44	43.7	10.51	4.71
	67135	2179.9	71	41.2	46.1	4.68		10.31	

Requirements:

FCC Part	Maximum Average Power (dBm)	Maximum Peak-Average Ratio, 0.1% (dB)
22.913(a)(1)	Base stations and Repeaters: 500 Watts (57 dBm) per emissions Mobile and Portable Stations: 2 Watts (33 dBm)	Must not exceed 13 dB
24.232	Base Stations: 1640 Watts/MHz Mobile and Portable Stations: 2 Watts (33 dBm)	Must not exceed 13 dB
27.50	Base and Fixed Stations: 2305-2315MHz and 2350-2360MHz: 400 Watts/MHz (56 dBm/MHz) 746-757MHz and 776-788MHz: 1000 Watts/MHz 600 MHz and 698-746 MHz: 1000 Watts Control Stations and Mobile Stations: 746-757MHz and 776-788MHz: 30 Watts ERP 698-746 MHz: 30 Watts ERP Mobile and Portable Stations: 2305-2315 MHz and 2350-2360 MHz: 50 mW/MHz (17 dBm/MHz) 746-757 MHz and 776-788 MHz: 3 Watts ERP 600 MHz and 698-746 MHz: 3 Watts	Must not exceed 13 dB
90.635	Mobile Stations: 100 Watts	Must not exceed 13 dB

ISED Part	Maximum Average Power (dBm)	Maximum Peak-Average Ratio, 0.1% (dB)
RSS-132	Base stations and Repeaters: 820 Watts/5 MHz e.i.r.p. Mobile Equipment: 7 Watts Portable Equipment: 3 Watts	Must not exceed 13 dB
RSS-133	Base Stations: 1640 Watts/MHz Mobile and Portable Stations: 2 Watts (33 dBm)	Must not exceed 13 dB
RSS-130 RSS-139 RSS-199	Base and Fixed Stations: 2500-2690 MHz: 1640 Watts 746-757 MHz and 776-788 MHz: 1000 Watts/MHz 600 MHz and 698-746 MHz: 1000 Watts Control Stations and Mobile Stations: 746-757 MHz and 776-788 MHz: 30 Watts ERP 698-746 MHz: 30 Watts ERP Mobile and Portable Stations: 2500-2690 MHz: 2-40 Watts 746-757 MHz and 776-788 MHz: 3 Watts ERP 600 MHz and 698-746 MHz: 3 Watts	Must not exceed 13 dB
RSS-119	Base Fixed Equipment: 110 W Mobile Equipment: 30 W	

3.2 Band Edge Compliance

Test Results: Complies

Measurement Method:

ANSI C63.26-2015 Clause 5.7

Spurious Emissions at Antenna Terminals	Measured with Spectrum Analyzer RMS Detector, Trace Averaging over 500 sweeps Below 1GHz: RBW/VBW: 100kHz/300kHz Above 1GHz: RBW/VBW: 1MHz/3MHz EUT was transmitting continuously with modulation Power levels were reduced to the noted levels
Band Edge	Same as above, but with reduced RBW/VBW at less than 1MHz from Band Edge

Measurement Data:

B100 Model I 2G, GSM								
Band	Channel	Tx Freq (MHz)	Band Edge (MHz)	Power Level	Band Edge Emissions (dBm)	Limit (dBm)	Margin (dB)	Verdict
B02	516	1931.0	1930	54	-13.4	-13	0.4	Pass
	517	1931.2	1930	80	-19.5	-13	6.5	Pass
	540	1935.8	1930	100	-30.5	-13	17.5	Pass
	781	1984.0	1990	100	-29.6	-13	16.6	Pass
	805	1988.8	1990	67	-19.3	-13	6.3	Pass
B05	806	1989.0	1990	42	-13.2	-13	0.2	Pass
	129	869.4	869	58	-22.7	-13	9.7	Pass
	155	874.6	869	100	-41.9	-13	28.9	Pass
	225	888.6	894	100	-40.6	-13	27.6	Pass
	250	893.6	894	67	-21.2	-13	8.2	Pass

B100 Model I 3G, WCDMA								
Band	Channel	Tx Freq (MHz)	Band Edge (MHz)	Power Level	Band Edge Emissions (dBm)	Limit (dBm)	Margin (dB)	Verdict
B02	9675	1935.0	1930	36	-14.6	-13	1.6	Pass
	9680	1936.0	1930	52	-14.5	-13	1.5	Pass
	9690	1938.0	1930	62	-14.4	-13	1.4	Pass
	9700	1940.0	1930	75	-15.7	-13	2.7	Pass
	9895	1979.0	1990	75	-14.0	-13	1.0	Pass
	9900	1980.0	1990	72	-13.5	-13	0.5	Pass
	9910	1982.0	1990	55	-13.7	-13	0.7	Pass
	9920	1984.0	1990	44	-18.0	-13	5.0	Pass
	9925	1985.0	1990	36	-14.4	-13	1.4	Pass
B04	1540	2113.0	2110	28	-14.4	-13	1.4	Pass

B100 Model I 3G, WCDMA								
Band	Channel	Tx Freq (MHz)	Band Edge (MHz)	Power Level	Band Edge Emissions (dBm)	Limit (dBm)	Margin (dB)	Verdict
	1550	2115.0	2110	44	-14.1	-13	1.1	Pass
	1560	2117.0	2110	52	-16.3	-13	3.3	Pass
	1565	2118.0	2110	64	-14.0	-13	1.0	Pass
	1570	2119.0	2110	75	-14.4	-13	1.4	Pass
	1705	2146.0	2155	75	-15.4	-13	2.4	Pass
	1710	2147.0	2155	69	-14.0	-13	1.0	Pass
	1715	2148.0	2155	55	-18.4	-13	5.4	Pass
	1720	2149.0	2155	55	-17.7	-13	4.7	Pass
	1725	2150.0	2155	46	-13.3	-13	0.3	Pass
	1730	2151.0	2155	35	-14.2	-13	1.2	Pass
B05	4357	871.4	869	4	-14.2	-13	1.2	Pass
	4360	872.0	869	40	-13.8	-13	0.8	Pass
	4370	874.0	869	48	-18.6	-13	5.6	Pass
	4385	877.0	869	75	-21.2	-13	8.2	Pass
	4430	886.0	894	75	-21.1	-13	8.1	Pass
	4445	889.0	894	51	-20.0	-13	7.0	Pass
	4455	891.0	894	51	-14.0	-13	1.0	Pass
	4458	891.6	894	5	-14.2	-13	1.2	Pass

B100 Model I 4G, LTE								
Band	Channel	Tx Freq (MHz)	Band Edge (MHz)	Power Level	Band Edge Emissions (dBm)	Limit (dBm)	Margin (dB)	Verdict
B02	630	1933.0	1930	34	-13.5	-13	0.5	Pass
	640	1934.0	1930	38	-14.0	-13	1.0	Pass
	650	1935.0	1930	42	-13.9	-13	0.9	Pass
	660	1936.0	1930	52	-13.7	-13	0.7	Pass
	670	1937.0	1930	60	-13.6	-13	0.6	Pass
	680	1938.0	1930	69	-13.6	-13	0.6	Pass
	1100	1980.0	1990	69	-13.9	-13	0.9	Pass
	1110	1981.0	1990	67	-13.2	-13	0.2	Pass
	1130	1983.0	1990	58	-13.7	-13	0.7	Pass
	1150	1985.0	1990	44	-14.4	-13	1.4	Pass
	1160	1986.0	1990	39	-13.5	-13	0.5	Pass
	1170	1987.0	1990	32	-13.9	-13	0.9	Pass
B04	1980	2113.0	2110	40	-13.7	-13	0.7	Pass

B100 Model I 4G, LTE								
Band	Channel	Tx Freq (MHz)	Band Edge (MHz)	Power Level	Band Edge Emissions (dBm)	Limit (dBm)	Margin (dB)	Verdict
	1990	2114.0	2110	48	-13.7	-13	0.7	Pass
	2000	2115.0	2110	55	-13.4	-13	0.4	Pass
	2010	2116.0	2110	62	-13.4	-13	0.4	Pass
	2020	2117.0	2110	68	-13.3	-13	0.3	Pass
	2030	2118.0	2110	74	-13.2	-13	0.2	Pass
	2050	2120.0	2110	82	-14.1	-13	1.1	Pass
	2325	2147.5	2155	82	-13.3	-13	0.3	Pass
	2340	2149.0	2155	74	-13.7	-13	0.7	Pass
	2350	2150.0	2155	60	-13.9	-13	0.9	Pass
	2360	2151.0	2155	52	-13.8	-13	0.8	Pass
	2370	2152.0	2155	40	-13.6	-13	0.6	Pass
B05	2425	871.5	869	48	-14.1	-13	1.1	Pass
	2430	872.0	869	75	-15.9	-13	2.9	Pass
	2451	874.1	869	88	-14.3	-13	1.3	Pass
	2455	874.5	869	92	-14.1	-13	1.1	Pass
	2599	888.9	894	92	-15.8	-13	2.8	Pass
	2600	889.0	894	77	-20.3	-13	7.3	Pass
	2620	891.0	894	77	-17.9	-13	4.9	Pass
	2625	891.5	894	50	-15.0	-13	2.0	Pass
B10	4180	2113.0	2110	40	-13.1	-13	0.1	Pass
	4200	2115.0	2110	58	-13.5	-13	0.5	Pass
	4220	2117.0	2110	70	-13.9	-13	0.9	Pass
	4230	2118.0	2110	72	-13.2	-13	0.2	Pass
	4240	2119.0	2110	79	-14.3	-13	1.3	Pass
	4660	2161.0	2170	79	-14.7	-13	1.7	Pass
	4670	2162.0	2170	76	-13.8	-13	0.8	Pass
	4680	2163.0	2170	70	-13.4	-13	0.4	Pass
	4700	2165.0	2170	58	-13.8	-13	0.8	Pass
	4720	2167.0	2170	50	-13.1	-13	0.1	Pass
B12	5035	731.5	729	52	-13.9	-13	0.9	Pass
	5060	734.0	729	76	-15.9	-13	2.9	Pass
	5070	735.0	729	93	-21.7	-13	8.7	Pass
	5120	740.0	746	93	-21.2	-13	8.2	Pass
	5140	742.0	746	77	-17.1	-13	4.1	Pass
	5150	743.0	746	77	-15.4	-13	2.4	Pass

B100 Model I 4G, LTE								
Band	Channel	Tx Freq (MHz)	Band Edge (MHz)	Power Level	Band Edge Emissions (dBm)	Limit (dBm)	Margin (dB)	Verdict
	5155	743.5	746	48	-14.5	-13	1.5	Pass
B17	5755	736.5	734	73	-13.7	-13	0.7	Pass
	5760	737.0	734	73	-14.6	-13	1.6	Pass
	5790	740.0	734	94	-21.3	-13	8.3	Pass
	5799	740.9	746	94	-15.0	-13	2.0	Pass
	5825	743.5	746	76	-13.6	-13	0.6	Pass
B25	8070	1933.0	1930	35	-13.4	-13	0.4	Pass
	8090	1935.0	1930	46	-13.9	-13	0.9	Pass
	8110	1937.0	1930	62	-14.0	-13	1.0	Pass
	8130	1939.0	1930	70	-15.7	-13	2.7	Pass
	8600	1986.0	1995	70	-14.7	-13	1.7	Pass
	8620	1988.0	1995	62	-13.7	-13	0.7	Pass
	8640	1990.0	1995	46	-13.2	-13	0.2	Pass
	8660	1992.0	1995	36	-13.9	-13	0.9	Pass
B26_1	8715	861.5	859	9	-20.1	-13	7.1	Pass
	8720	862.0	859	31	-20.5	-13	7.5	Pass
	8730	863.0	859	45	-20.0	-13	7.0	Pass
	8740	864.0	859	68	-20.4	-13	7.4	Pass
	8740	864.0	869	68	-24.6	-13	11.6	Pass
	8750	865.0	869	62	-20.2	-13	7.2	Pass
	8760	866.0	869	25	-20.2	-13	7.2	Pass
	8765	866.5	869	4	-20.1	-13	7.1	Pass
B26_2	8815	871.5	869	50	-13.4	-13	0.4	Pass
	8820	872.0	869	79	-13.3	-13	0.3	Pass
	8840	874.0	869	90	-13.5	-13	0.5	Pass
	8914	881.4	869	92	-16.3	-13	3.3	Pass
	8989	888.9	894	92	-18.3	-13	5.3	Pass
	9010	891.0	894	77	-18.3	-13	5.3	Pass
	9015	891.5	894	42	-13.7	-13	0.7	Pass
B41	39680	2499.0	2496	40	-14.0	-13	1.0	Pass
			2490.5	40	<-25	-25	>0	Pass
	39700	2501.0	2496	57	-13.2	-13	0.2	Pass
			2490.5	57	<-25	-25	>0	Pass
	39720	2503.0	2496	68	-13.5	-13	0.5	Pass
			2490.5	68	<-25	-25	>0	Pass

B100 Model I 4G, LTE								
Band	Channel	Tx Freq (MHz)	Band Edge (MHz)	Power Level	Band Edge Emissions (dBm)	Limit (dBm)	Margin (dB)	Verdict
	39730	2504.0	2496	69	-15.7	-13	2.7	Pass
			2490.5	69	< -25	-25	> 0	Pass
	41530	2684.0	2690	69	-14.8	-10	4.8	Pass
			2695	69	< -23	-13	> 10	Pass
			2696	69	< -25	-25	> 0	Pass
	41540	2685.0	2690	66	-11.3	-10	1.3	Pass
			2695	69	< -23	-13	> 10	Pass
			2696	66	< -25	-25	> 0	Pass
	41560	2687.0	2690	56	-10.8	-10	0.8	Pass
			2695	69	< -23	-13	> 10	Pass
			2696	56	< -25	-25	> 10	Pass
	41565	2687.5	2690	22	-10.5	-10	0.5	Pass
			2695	69	< -30	-13	> 17	Pass
			2696	22	< -30	-25	> 5	Pass
B66	66466	2113.0	2110	22	-13.6	-13	0.6	Pass
	66486	2115.0	2110	40	-13.1	-13	0.1	Pass
	66506	2117.0	2110	51	-13.6	-13	0.6	Pass
	66526	2119.0	2110	62	-13.7	-13	0.7	Pass
	66546	2121.0	2110	71	-14.1	-13	1.1	Pass
	67135	2179.9	2200	71	-26.0	-13	13.0	Pass

3.3 Emissions at Antenna Terminals

Test Results: Complies

Measurement Method:

ANSI C63.26-2015 Clause 5.7

Spurious Emissions at Antenna Terminals	Measured with Spectrum Analyzer RMS Detector, Trace Averaging over 500 sweeps Below 1GHz: RBW/VBW: 100kHz/300kHz Above 1GHz: RBW/VBW: 1MHz/3MHz EUT was transmitting continuously with modulation Power level was set to maximum supported in the EUT
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Measurement Data:

B100 Model I								
Tech/ Band	Channel	Tx Freq (MHz)	Measured Freq. (MHz)	Power Level	Emissions (dBm)	Limit (dBm)	Margin (dB)	Verdict
2G B05	155	874.6	2624	100	-29.7	-13	16.7	Pass
	189	881.4	2644	100	-30.5	-13	17.5	Pass
	225	888.6	2666	100	-32.4	-13	19.4	Pass
3G B05	4385	877.0	2631	75	-33.5	-13	20.5	Pass
	4408	881.6	2645	75	-34.6	-13	21.6	Pass
	4430	886.0	2658	75	-33.9	-13	20.9	Pass
4G B05	2455	874.5	2623.5	92	-35.0	-13	22.0	Pass
	2525	881.5	2645	92	-36.7	-13	23.7	Pass
	2599	888.9	2666.5	92	-37.3	-13	24.3	Pass
4G B12	5070	735.0	2205	93	-34.1	-13	21.1	Pass
	5095	737.5	2213	93	-34.4	-13	21.4	Pass
	5120	740.0	2220	93	-33.2	-13	20.2	Pass
4G B17	5781	739.1	2217.5	94	-32.8	-13	19.8	Pass
	5790	740.0	2221.5	94	-32.6	-13	19.6	Pass
	5799	740.9	2222.5	94	-32.8	-13	19.8	Pass
Any	Any	Any	Any	Any	<-23	-13	>10	Pass

3.4 Cabinet Radiations

Test Results: Complies

Measurement Method:

ANSI C63.26-2015 Clause 5.5

Cabinet Radiations	Field Strength was measured using the Spectrum Analyzer Power Levels were calculated using the methods in KDB 412172 D01 v01r01 RMS Detector, Trace Averaging over 500 sweeps Below 1GHz: RBW/VBW: 100kHz/300kHz Above 1GHz: RBW/VBW: 1MHz/3MHz EUT was transmitting continuously with modulation Power level was set to maximum supported in the EUT Antenna connector was terminated into a 50 Ohm load
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Measurement Data:

B100 Model I								
Tech/ Band	Channel	Tx Freq (MHz)	Measured Freq. (MHz)	Emissions (dBμV/m @3m)	Emissions (dBm)	Limit (dBm)	Margin (dB)	Verdict
2G B02	661	1960.0	3920	71.1	-24.1	-13	11.1	Pass
			5880	60.5	-34.7	-13	21.7	Pass
			7840	66.5	-28.7	-13	15.7	Pass
			11760	60.9	-34.3	-13	21.3	Pass
3G B02	9800	1960.0	3920	70.3	-24.9	-13	11.9	Pass
			5880	59.2	-36.0	-13	23.0	Pass
			7840	69.0	-26.2	-13	13.2	Pass
			11760	59.0	-36.2	-13	23.2	Pass
3G B04	1638	2132.6	4265	57.5	-37.7	-13	24.7	Pass
			6398	64.0	-31.2	-13	18.2	Pass
4G B02	900	1960.0	3920	66.8	-28.4	-13	15.4	Pass
			5880	58.2	-37.0	-13	24.0	Pass
			7840	63.3	-31.9	-13	18.9	Pass
			11760	55.2	-40.0	-13	27.0	Pass
4G B04	2175	2132.5	6399	62.9	-32.3	-13	19.3	Pass
4G B05	2525	881.5	2644	51.6	-43.6	-13	30.6	Pass
4G B10	4450	2140.0	6420	71.9	-23.3	-13	10.3	Pass
4G B12	5095	737.5	3687	51.9	-43.3	-13	30.3	Pass
4G B17	5790	740.0	3700	50.0	-45.2	-13	32.2	Pass
4G B66	66886	2155.0	4310	73.8	-21.4	-13	8.4	Pass
	66546	2121.0	6364	56.0	-39.2	-13	26.2	Pass
	66886	2155.0	6465	80.9	-14.3	-13	1.3	Pass
	67135	2179.9	6539	59.5	-35.7	-13	22.7	Pass
Any	Any	Any	Any	<62	<-33	-13	>20	Pass

3.5 Frequency Stability

Test Results: Complies

Measurement Method:

ANSI C63.26-2015 Clause 5.6

EUT State	EUT was transmitting continuously a modulated signal on a channel in the middle of the band. It was not possible to get the EUT to transmit without modulation.
Measurement Method	The measurement was performed using the OBW Function (99%) of the analyzer. RBW/VBW = 1 kHz for 2G and 10 kHz for 3G and 4G. Span was 500 kHz for 2G and 10 MHz for 3G and 4G.
Comment	For 3G the spectrum is rounded off at the edges, this causes the frequency reading to be very strongly affected by random noise. 2G and 4G spectrum have sharper edges, these frequency readings are therefore more consistent.

Measurement Data:

B100 Model I								
Band	Nom. Freq.	Parameter	+50 °C	+40 °C	+30 °C	+20 °C	+10 °C	0 °C
2G Band 02	1960.0 MHz	Deviation (Hz)	310.8	-77.2	-37.6	72.6	82.6	207.1
		Deviation (ppm)	0.122	-0.076	-0.056	0	0.005	0.069
2G Band 05	881.4 MHz	Deviation (Hz)	192.0	-191.0	604.0	600.8	1172.4	25.4
		Deviation (ppm)	-0.494	-0.898	0.004	0	0.649	-0.653
3G Band 02	1960.0 MHz	Deviation (Hz)	-6686	-2515	-7510	-4434	-9158	-5377
		Deviation (ppm)	-1.149	0.979	-1.569	0	-2.410	-0.481
3G Band 04	2132.6 MHz	Deviation (Hz)	-1964	-2165	-5064	313.3	-3538	-2736
		Deviation (ppm)	-1.068	-1.162	-2.522	0	-1.806	-1.430
3G Band 05	881.6 MHz	Deviation (Hz)	-6055	-4280	-6014	-5347	-6366	-4543
		Deviation (ppm)	-0.803	1.210	-0.757	0	-1.156	0.912
4G Band 02	1960.0 MHz	Deviation (Hz)	241.0	-125.0	-63.4	-74.0	-122.0	-279.0
		Deviation (ppm)	0.161	-0.026	0.005	0	-0.024	-0.105
4G Band 04	2132.5 MHz	Deviation (Hz)	771.1	1071	936.0	130.8	1153	551.9
		Deviation (ppm)	0.300	0.441	0.378	0	0.479	0.197
4G Band 05	881.5 MHz	Deviation (Hz)	341.1	241.2	246.6	96.5	-593.0	278.3
		Deviation (ppm)	0.277	0.164	0.170	0	-0.782	0.206
4G Band 10	2140.0 MHz	Deviation (Hz)	1075	-951.5	-620.2	-449.0	-545.5	-703.9
		Deviation (ppm)	0.712	-0.235	-0.080	0	-0.045	-0.119
4G Band 12	737.5 MHz	Deviation (Hz)	-1306	-1578	-1654	-1699	-1883	-1555
		Deviation (ppm)	0.533	0.164	0.061	0	-0.249	0.195
4G Band 17	740.0 MHz	Deviation (Hz)	-1593	-1451	-1452	-1421	-1278	-933.7
		Deviation (ppm)	-0.232	-0.041	-0.042	0	0.193	0.659
4G Band 25	1962.5 MHz	Deviation (Hz)	495.5	196.6	-95.5	-822.1	176.8	-39.9
		Deviation (ppm)	0.671	0.519	0.370	0	0.509	0.399
4G Band 26_1	864.0 MHz	Deviation (Hz)	511.0	447.7	227.4	629.7	74.5	687.1

B100 Model I								
Band	Nom. Freq.	Parameter	+50 °C	+40 °C	+30 °C	+20 °C	+10 °C	0 °C
		Deviation (ppm)	-0.137	-0.211	-0.466	0	-0.643	0.066
4G Band 26_2	881.4 MHz	Deviation (Hz)	280.1	362.0	198.6	488.7	464.7	472.1
		Deviation (ppm)	-0.237	-0.144	-0.329	0	-0.027	-0.019
4G Band 41	2593.0 MHz	Deviation (Hz)	-86.8	12.4	-348.9	690.9	-720.0	-363.0
		Deviation (ppm)	-0.300	-0.262	-0.401	0	-0.544	-0.406
4G Band 66	2155.0 MHz	Deviation (Hz)	-845.5	-1236	890.9	-1121	-1250	-1136
		Deviation (ppm)	0.128	-0.053	0.934	0	-0.060	-0.007

B100 Model I					
Band	Nom. Freq.	Parameter	120V 60Hz	98V 60Hz	138V 60Hz
2G Band 02	1960.0 MHz	Deviation (Hz)	72.6	1051	695.1
		Deviation (ppm)	0	0.499	0.318
2G Band 05	881.4 MHz	Deviation (Hz)	600.8	341.4	-105.1
		Deviation (ppm)	0	-0.294	-0.801
3G Band 02	1960.0 MHz	Deviation (Hz)	-4434	-2838	-3002
		Deviation (ppm)	0	0.814	0.731
3G Band 04	2132.6 MHz	Deviation (Hz)	313.3	35.5	-293.0
		Deviation (ppm)	0	-0.130	-0.284
3G Band 05	881.6 MHz	Deviation (Hz)	-5347	-5581	-5155
		Deviation (ppm)	0	-0.265	-0.218
4G Band 02	1960.0 MHz	Deviation (Hz)	-74.0	-206.0	-215.1
		Deviation (ppm)	0	-0.067	-0.072
4G Band 04	2132.5 MHz	Deviation (Hz)	130.8	319.9	187.1
		Deviation (ppm)	0	0.089	0.026
4G Band 05	881.5 MHz	Deviation (Hz)	96.5	-46.2	166.2
		Deviation (ppm)	0	-0.162	0.079
4G Band 10	2140.0 MHz	Deviation (Hz)	-449.0	-420.0	-506.5
		Deviation (ppm)	0	0.014	-0.027
4G Band 12	737.5 MHz	Deviation (Hz)	-1699	-1640	-1624
		Deviation (ppm)	0	0.080	0.102
4G Band 17	740.0 MHz	Deviation (Hz)	-1421	-1382	-1378
		Deviation (ppm)	0	0.053	0.058
4G Band 25	1962.5 MHz	Deviation (Hz)	-822.1	-746.1	-731.4
		Deviation (ppm)	0	0.039	0.046
4G Band 26_1	864.0 MHz	Deviation (Hz)	629.7	625.0	538.9
		Deviation (ppm)	0	-0.005	-0.105

B100 Model I					
Band	Nom. Freq.	Parameter	120V 60Hz	98V 60Hz	138V 60Hz
4G Band 26_2	881.4 MHz	Deviation (Hz)	488.7	178.0	127.6
		Deviation (ppm)	0	-0.353	-0.410
4G Band 41	2593.0 MHz	Deviation (Hz)	690.9	-270.3	-282.6
		Deviation (ppm)	0	-0.371	-0.375
4G Band 66	2155.0 MHz	Deviation (Hz)	-1121	-1094	-1070
		Deviation (ppm)	0	0.013	0.024

Requirements:

	FCC	ISED
Band 02	stays within AFB	1.0 ppm, or stays within AFB
Band 04	stays within AFB	stays within AFB
Band 05	1.5 ppm	stays within AFB
Band 10	stays within AFB	stays within AFB
Band 12	stays within AFB	stays within AFB
Band 17	stays within AFB	stays within AFB
Band 25	stays within AFB	1.0 ppm, or stays within AFB
Band 26_1	stays within AFB	1.5 ppm, or stays within AFB
Band 26_2	1.5 ppm	stays within AFB
Band 41	stays within AFB	stays within AFB
Band 66	stays within AFB	stays within AFB

AFB = Authorized Frequency Block

4 Measurement Uncertainty

Measurement Uncertainty Values		
Test Item		Uncertainty
Output Power		±0.5 dB
Power Spectral Density		±0.5 dB
Out of Band Emissions, Conducted (RBW < 100 kHz)	< 3.6 GHz	±0.6 dB
	> 3.6 GHz	±0.9 dB
Spurious Emissions, Radiated	< 1 GHz	±2.5 dB
	> 1 GHz	±2.2 dB
Emission Bandwidth		±4 %
Power Line Conducted Emissions		+2.9 / -4.1 dB
Spectrum Mask Measurements	Frequency	±5 %
	Amplitude	±1.0 dB
Frequency Error		±0.6 ppm
Temperature Uncertainty		±1 °C

All uncertainty values are expanded standard uncertainty to give a confidence level of 95%, based on coverage factor k=2

5 LIST OF TEST EQUIPMENT

To facilitate inclusion on each page of the test equipment used for related tests, each item of test equipment and ancillaries are identified (numbered) by the Test Laboratory.

No.	Model number	Description	Manufacturer	Ref. no.	Cal. date	Cal. Due
1	FSW26	Spectrum Analyzer	Rohde & Schwarz	LR 1640	2020-10 2022-01	2022-10 2024.01
2	ESU40	Measuring Receiver	Rohde & Schwarz	LR 1639	2021-02 2022-01	2022-02 2023-01
3	770-20	Attenuator	Narda	LR 1777	COU	
4	6810.17B	Attenuator	Suhner	LR 1669	COU	
5	JB3	BiLog Antenna	Sunol Sciences	N-4525	2020-03	2023-03
6	3115	Horn Antenna	EMCO	LR 1330	2016-10	2026-10
7	Model 310	Pre-amplifier	Sonoma	LR 1686	2021-08	2022-08
8	8449A	Pre-amplifier	Hewlett Packard	LR 1322	2021-08	2022-08
9	3117-PA	Horn Antenna w.PreAmp	EMCO	LR 1717	2021-08	2022-08
10	6812A	Power Source	Agilent	LR 1515	2020-04	2022-04

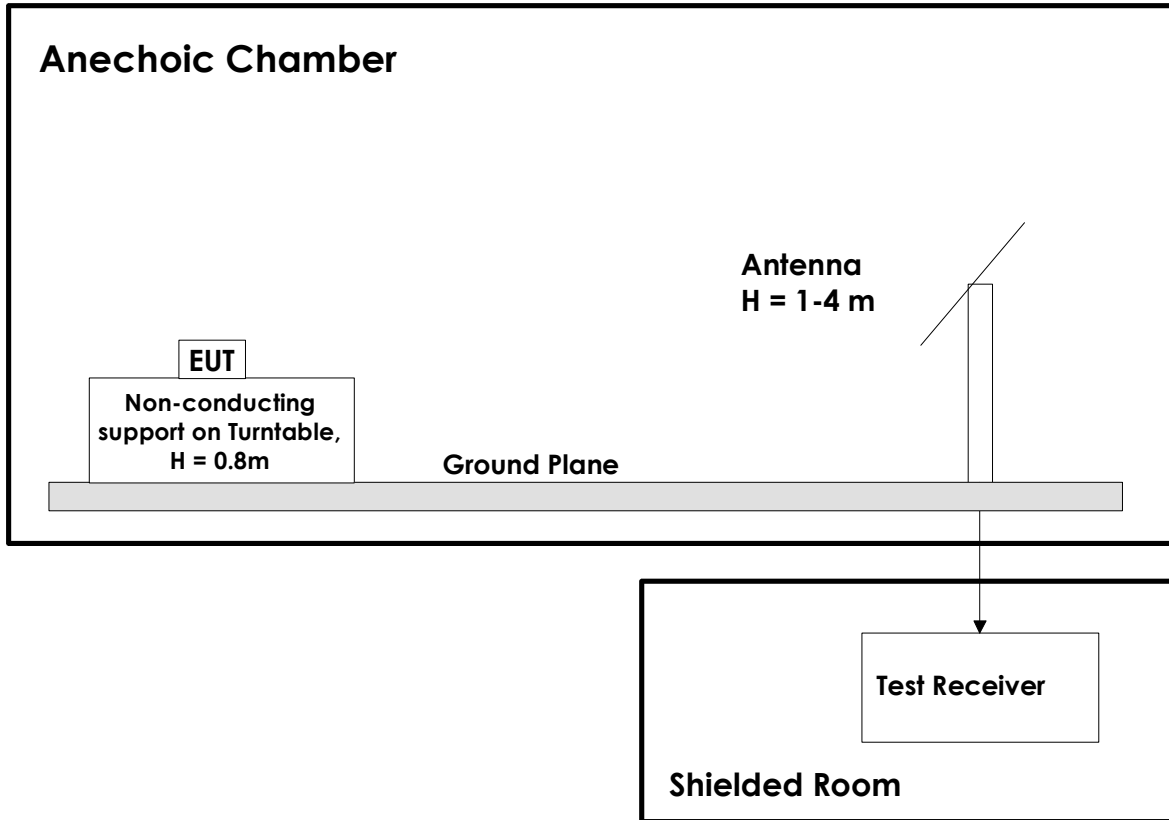
COU = Calibrate on Use

The software listed below has been used for one or more tests in this report.

No.	Manufacturer	Name	Version	Comment
1	Rohde & Schwarz	EMC32	10.50.40	EMC test software
2	Nemko AS	RSPlot	1.0.8.0	Captures screenshots from R&S Analyzers

6 BLOCK DIAGRAM

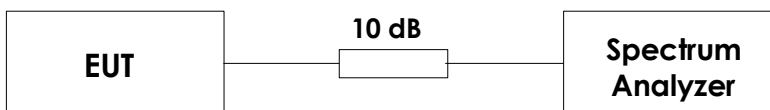
6.1 Test Site Radiated Emission



For measurements above 1 GHz the ground plane is covered by absorbers.

Below 30 MHz, measuring distance of 10m is used for spurious emissions measurements.

6.2 Conducted Test



This setup is used for all conducted tests where a spectrum analyser is used.
The actual value of the attenuator will depend on the output power of the EUT.