

December 20, 2021

SyncWise
Todd Nowak
2308 Kettner Blvd., Suite B
San Diego, CA 92101

Dear Todd Nowak,

Enclosed is the RF Wireless test report for compliance testing of the Syncwise, T10-R Tablet as tested to the requirements of the FCC Part 2, 22(H), 24(E), 27(L), 27(M), 27(H), 27(F), RSS Gen Issue 5 March 2019, RSS-132 Issue 3 January 2013 RSS-133 Issue 6 January 18 2018, RSS-134 Issue 2 February 5 2016.

Thank you for using the services of Eurofins Electrical and Electronic Testing NA, Inc. Please contact me if you have any questions regarding these results or if Eurofins E&E can be of further service to you.

Sincerely yours,

Rheine Nguyen

Documentation Department
Eurofins Electrical and Electronic Testing NA, Inc.

Reference: (\Syncwise\WIRS115236-FCC_ISED Cellular)



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Eurofins Electrical and Electronic Testing NA, Inc. is part of the Eurofins Electrical & Electronics (E&E) global compliance network.

FCC/ ISED Test Report

for the

**SyncWise
T10-R Tablet**

Standard

**47 CFR Part 2, 22(H), 24(E), 27(L), 27(M), 27(H), 27(F)
RSS Gen Issue5, March 2019,
RSS-132 Issue 3, January 2013
RSS-133 Issue 6, January 18 2018
RSS-134 Issue 2, February 5 2016**

Report: WIR115236-FCC ISED Cellular

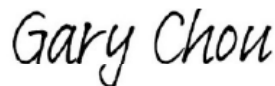
Prepared For:

**SyncWise
2308 Kettner Blvd., Suite B
San Diego, CA 92101**

**Prepared By:
Eurofins Electrical and Electronic Testing NA, Inc.
3162 Belick St.
Santa Clara CA, 95054**

FCC/ ISED Test Report

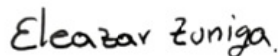
for the

**SyncWise
T10-R Tablet****Standard****47 CFR Part 2, 22(H), 24(E), 27(L), 27(M), 27(H), 27(F)****RSS Gen Issue5, March 2019****RSS-132 Issue 3, January 2013****RSS-133 Issue 6, January 18 2018****RSS-134 Issue 2, February 5 2016**

Gary Chou

Wireless Engineering Manager, Wireless Laboratory

Engineering Statement: The measurements shown in this report were made in accordance with the procedures indicated, and the emissions from this equipment were found to be within the limits applicable. I assume full responsibility for the accuracy and completeness of these measurements, and for the qualifications of all persons taking them. It is further stated that upon the basis of the measurements made, the equipment tested is capable of operation in accordance with the requirements of Part 22 Subpart H and Part 24 Subpart E and Part 27 Subpart L of the FCC Rules under normal use and maintenance.

Eleazar Zuniga,
Director, Wireless Laboratory

Report Status Sheet

Revision	Report Date	Reason for Revision
Ø	December 20, 2021	Initial Issue.

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I. Executive Summary

A. Purpose of Test

An EMC evaluation was performed to determine compliance of the Syncwise, T10-R Tablet, with the requirements of 47 CFR FCC CFR Part 2, 22(H), 24(E), 27, RSS Gen, RSS 132, RSS 133, RSS 134. All references are to the most current version of Title 47 of the Code of Federal Regulations in effect. In accordance with PVG-04 technical requirements, the following data is presented in support of the Certification of the T10-R Tablet. Syncwise should retain a copy of this document which should be kept on file for at least two years after the manufacturing of the T10-R Tablet, has been **permanently** discontinued.

B. Executive Summary

The following tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with 47 CFR Part 2, 22(H), 24(E), 27, RSS GEN, RSS-132 Issue 3, RSS-133 Issue 6, RSS-134 Issue 2 in accordance with Syncwise, purchase order number 1084. All tests were conducted using measurement procedure.

FCC Clause	Description	Compliance
§22.913(a)(2) §24.232(c) §27.50(d)(4)	Effective Radiated Power Equivalent Isotropic Radiated Power	Compliant
§2.1053 §22.917(a) §24.238(a) §27.53(c)(2) §27.53(f) §27.53(g)	Radiated Spurious Emissions	Compliant
RSS Clause	Description	Compliance
RSS GEN Issue 5 RSS-132 Issue 3 RSS-133 Issue 6 RSS-134 Issue 2	Radiated Spurious Emissions	Compliant

Note: For other test information please refer to FCC ID : XMR201706SC20A report/ ISED ID: 10224A-201707SC20A

Rationale:

Per KDB 996369 D04 “Modular Transmitter Integration Guide – Guidance for Host Product Manufacturers” only spot checks are reported in this filing.

Per ANSI C63.26: 2015 section 5.1.2.2, the results include worst case modulation only.

II. Equipment Information

A. Overview

Eurofins Electrical and Electronic Testing NA, Inc. was contracted by Syncwise to perform testing on the T10-R Tablet, under purchase order number 1084.

This document describes the test setups, test methods, required test equipment, and the test limit criteria used to perform compliance testing of Syncwise, T10-R Tablet.

The results obtained relate only to the item(s) tested.

EUT Summary Table

Model(s) Tested:	T10-R Tablet
Model(s) Covered:	T10-R Tablet
Filing Status:	Original
EUT Specifications:	Primary Power: Voltage: 12 V external power supply. AC or DC: DC Voltage Frequency: NA Number of Phases: 1 Current: 0.5 Amp
	Type of Modulations: QPSK, 16QAM, RMC, HSPA, GMSK
	Modulation Technology OFDM
	Technology: GSM/ WCDMA/ LTE
	Operating Frequency : GSM Band 850: 824.2 MHz ~ 824.8 MHz GSM Band 1900: 1850.2 MHz ~ 1909.8 MHz WCDMA Band 2: 1850 MHz ~ 1910 MHz WCDMA Band 4: 1710 MHz ~ 1755 MHz WCDMA Band 5: 824 MHz ~ 849 MHz LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 7: 2500 MHz ~ 2570 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 13: 777 MHz ~ 787 MHz LTE Band 25: 1850 MHz ~ 1915 MHz LTE Band 26 : 814 MHz ~ 849 MHz
	Product: Tablet
	Brand: SyncWise
	FCC ID: 2A3HW T10-R
	ISED ID: 10842AT10R
	Hardware Rev: Syncwise 10R

	Firmwave Rev:	0
	Antenna Name:	4G LTE/3G/2G Flexible ultra-thin PCB Adhesive Antenna
	Antenna Manufacturer/Module:	J2J :2JF0424P
	Antenna Type:	Flexible ultra-thin PCB Adhesive Antenna
	Antenna Gain:	698 MHz-960 MHz: 1.5 dBi 1710 MHz-2710 MHz: 3.1 dBi 2500 MHz-2700 MHz : 3.5 dBi
	Antenna Port:	U.FL
Analysis:	The results obtained relate only to the item(s) tested.	
Environmental Test Conditions:	Temperature: 15-35° C	
	Relative Humidity: 30-60%	
	Barometric Pressure: 860-1060 mbar	
Evaluated by:	Rafael Aguilar	
Date(s):	December 20, 2021	

B. General Description of Applied Standards

References

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

- **FCC 47 CFR Part 2**
- **FCC 47 CFR Part 22(H)**
- **FCC 47 CFR Part 24(E)**
- **FCC 47 CFR Part 27(L), 27(M), 27(H), 27(F)**
- **RSS Gen Issue5, March 2019**
- **RSS-132 Issue 3, January 2013**
- **RSS-133 Issue 6, January 18, 2018**
- **RSS-134 Issue 2, February 5, 2016**
- **KDB 971168 D01 Power Meas License Digital Systems v02r02**
- **ANSI/TIA/EIA-603-E 2016**
- **ANSI 63.26-2015**

C. Test Site

All testing was performed at Eurofins Electrical and Electronic Testing NA, Inc., 3162 Belick St. Santa Clara, CA 95054. All equipment used in making physical determinations is accurate and bears recent traceability to the National Institute of Standards and Technology.

Eurofins Electrical and Electronic Testing NA, Inc. has been accredited by the American Association for Laboratory Accreditation (A2LA) (Certificate #: 0591.02) in accordance with ISO/IEC 17025:2017.

Eurofins Electrical and Electronic Testing NA, Inc. is part of the Eurofins Electrical & Electronics (E&E) global compliance network.

D. Measurement Uncertainty

Test Method	Typical Expanded Uncertainty	K	Confidence Level
RF Frequencies	±4.52 Hz	2	95%
RF Power Conducted Emissions	±2.32 dB	2	95%
RF Power Conducted Spurious Emissions	±2.25 dB	2	95%
RF Power Radiated Emissions	±3.01 dB	2	95%

Uncertainty Calculations Summary

E. Modifications**a) Modifications to EUT**

No modifications were made to the EUT.

b) Modifications to Test Standard

No modifications were made to the test standard.

F. Disposition of EUT

The test sample including all support equipment (if any), submitted to the Electromagnetic Compatibility Lab for testing was returned to Syncwise upon completion of testing.

III. Electromagnetic Compatibility Criteria for Intentional Radiators

Conducted Output Power and ERP/EIRP

Description of the Conducted Output Power Measurement and ERP/EIRP Measurement:

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 38.45 dBm for

-LTE Band 5 and Band 26, GSM850 and WCDMA Band V.

The ERP of mobile transmitters must not exceed 34.77 dBm

- for LTE Band 12, Band 13

The EIRP of mobile transmitters must not exceed 33.01 dBm

-for LTE Band 2 and Band 25 and Band 7, GSM1900 and WCDMA Band II.

The EIRP of mobile transmitters must not exceed 30 dBm for LTE Band 4, WCDMA Band IV.

According to KDB 412172 D01 Power Approach,

$EIRP = PT + GT - LC$, $ERP = EIRP - 2.15$, where

PT = transmitter output power in dBm

GT = gain of the transmitting antenna in dBi

LC = signal attenuation in the connecting cable between the transmitter and antenna in dB

Test Procedures:

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.

Test Engineer: Rafael Aguilar

Test Date(s): 11/02/2021

Test Result:
ERP/ EIRP

GSM1900 (G_T - L_C=3.1dBi)			
	512	661	810
Channel			
	(Low)	(Mid)	(High)
Frequency(MHz)			
	1850.2	1880	1909.8
Conducted Power (dBm)	30.03	30.45	30.42
EIRP(dBm)	33.13	33.55	33.52

EDGE1900 (G_T - L_C=3.1dBi)			
	512	661	810
Channel			
	(Low)	(Mid)	(High)
Frequency(MHz)			
	1850.2	1880	1909.8
Conducted Power (dBm)	26.08	26.15	26.37
EIRP(dBm)	29.18	29.25	29.47

WCDMA Band II ($G_T - L_C = 3.1\text{dBi}$)			
Channel	9262	9400	9538
	(Low)	(Mid)	(High)
(MHz)			
	1852.4	1880	1907.6
Conducted Power (dBm)	23.52	23.54	23.54
EIRP(dBm)	26.62	26.64	26.64

WCDMA Band IV ($G_T - L_C = 3.1\text{dBi}$)			
Channel	9262	9400	9538
	(Low)	(Mid)	(High)
Frequency(MHz)			
	1712.4	1732.6	1752.6
Conducted Power (dBm)	23.76	23.65	23.61
EIRP(dBm)	26.86	26.75	26.71

LTE Band 2 ($G_T - L_C = 3.1\text{dB}$) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	18607	18900	19193	18615	18900	19185	18625	18900	19175
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency									
(MHz)	1850.7	1880	1909.3	1851.5	1880	1908.5	1852.5	1880	1907.5
Conducted Power (dBm)	22.89	23.17	22.85	23.13	23.36	23.05	23.28	23	22.89
EIRP(dBm)	25.99	26.27	25.95	26.23	26.46	26.15	26.38	26.1	25.99

LTE Band 2 ($G_T - L_C = 3.1\text{ dB}$) QPSK									
Bandwidth	10M			15M			20M		
Channel	18650	18900	19150	18675	18900	19125	18650	18900	19100
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency									
(MHz)	1855	1880	1905	1857.5	1880	1902.5	1860	1880	1900
Conducted Power (dBm)	23.39	23.23	23.12	23.13	23.54	23.25	23.12	23.32	23.23
EIRP(dBm)	26.49	26.33	26.22	26.23	26.64	26.35	26.22	26.42	26.33

LTE Band 2 ($G_T - L_C = 3.1\text{dB}$) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	18607	18900	19193	18615	18900	19185	18625	18900	19175
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1850.7	1880	1909.3	1851.5	1880	1908.5	1852.5	1880	1907.5
(MHz)									
Conducted Power (dBm)	21.81	22.47	21.94	22.34	22.18	21.82	22.53	22.46	22.41
EIRP(dBm)	24.91	25.57	25.04	25.44	25.28	24.92	25.63	25.56	25.51

LTE Band 2 ($G_T - L_C = 3.1\text{ dB}$) 16QAM									
Bandwidth	10M			15M			20M		
Channel	18650	18900	19150	18675	18900	19125	18650	18900	19100
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency	1855	1880	1905	1857.5	1880	1902.5	1860	1880	1900
(MHz)									
Conducted Power (dBm)	22.32	22.68	22.43	22.14	22.84	22.47	22.57	22.52	22.02
EIRP(dBm)	25.42	25.78	25.53	25.24	25.94	25.57	25.67	25.62	25.12

LTE Band 4 ($G_T - L_C = 3.1$ dB) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	19957	20175	20393	19965	20175	20385	19975	20175	20375
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency									
(MHz)	1710.7	1732.5	1754.3	1711.5	1732.5	1753.5	1712.5	1732.5	1752.5
Conducted Power (dBm)	23.78	23.4	23.3	23.51	23.58	23.4	23.58	23.62	23.43
EIRP(dBm)	26.88	26.5	26.4	26.61	26.68	26.5	26.68	26.72	26.53

LTE Band 4 ($G_T - L_C = 3.1$ dB) QPSK									
Bandwidth	10M			15M			20M		
Channel	20000	20175	20350	20025	20175	20325	20050	20175	20300
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency									
(MHz)	1715	1732.5	1750	1717.5	1732.5	1747.5	1720	1732.5	1745
Conducted Power (dBm)	23.49	23.62	23.37	23.64	23.52	23.43	23.81	23.47	23.6
EIRP(dBm)	26.59	26.72	26.47	26.74	26.62	26.53	26.91	26.57	26.7

LTE Band 4 ($G_T - L_C = 3.1$ dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	19957	20175	20393	19965	20175	20385	19975	20175	20375
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency									
(MHz)	1710.7	1732.5	1754.3	1711.5	1732.5	1753.5	1712.5	1732.5	1752.5
Conducted Power (dBm)	23.11	22.17	22.14	22.28	22.67	22.84	22.66	22.93	22.49
EIRP(dBm)	26.21	25.27	25.24	25.38	25.77	25.94	25.76	26.03	25.59

LTE Band 4 ($G_T - L_C = 3.1$ dB) 16QAM									
Bandwidth	10M			15M			20M		
Frequency	20000	20175	20350	20025	20175	20325	20050	20175	20300
	1715	1732.5	1750	1717.5	1732.5	1747.5	1720	1732.5	1745
(MHz)									
Conducted Power (dBm)	22.95	22.43	22.43	22.62	23.01	22.46	23.26	22.67	22.62
EIRP(dBm)	26.05	25.53	25.53	25.72	26.11	25.56	26.36	25.77	25.72

LTE Band 7 ($G_T - L_C = 3.5$ dB) QPSK			
Bandwidth	5M		
Frequency (MHz)	20775	2110	21425
	(Low)	(High)	(High)
	2502.5	2535	2567.5
Conducted Power dBm)	23.6	23.62	24.08
EIRP Power dBm)	27.1	27.12	27.58

LTE Band 7 ($G_T - L_C = 3.5$ dB) QPSK									
Bandwidth	10M			15M			20M		
Channel	20800	21100	21400	20825	21100	21375	20850	21100	21350
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(Mid)
Frequency (MHz)	2505	2535	2565	2507.5	2535	2562.5	2510	2535	2560
Conducted Power (dBm)	23.69	24	23.92	23.67	23.99	23.98	24.01	23.86	24.08
EIRP(dBm)	27.19	27.5	27.42	27.17	27.49	27.48	27.51	27.36	27.58

LTE Band 7 (G _T - L _C = 3.5dB) 16QAM			
Bandwidth	5M		
Channel	20775	21100	21425
	(Low)	(Mid)	(High)
Frequency	2502.5	2535	2567.5
(MHz)			
Conducted Power (dBm)	23.25	22.78	23.41
EIRP(dBm)	23.75	23.28	23.91

LTE Band 7 (G _T - L _C = 3.5 dB) 16QAM									
Bandwidth	10M			15M			20M		
Channel	20800	21100	21400	20825	21100	21375	20850	21100	21350
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(Mid)
Frequency									
(MHz)	2505	2535	2565	2507.5	2535	2562.5	2510	2535	2560
Conducted Power (dBm)	22.59	23.05	23.25	22.69	23.05	23.48	22.89	23.29	23.42
EIRP(dBm)	23.09	23.55	23.75	23.19	23.55	23.98	23.39	23.79	23.92

LTE Band 25 ($G_T - L_C = 3.1\text{dB}$) QPSK									
Bandwidth	1.4M			3M			5M		
Channel	26407	26340	26683	26055	26340	26675	26065	26340	26665
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency									
(MHz)	1850.7	1880	1914.3	1851.5	1880	1913.5	1852.5	1880	1912.5
Conducted Power (dBm)	23.2	23.26	23.21	23.29	23.35	23.1	23.44	23.33	23.13
EIRP(dBm)	26.3	26.36	26.31	26.39	26.45	26.2	26.54	26.43	26.23

LTE Band 25 ($G_T - L_C = 3.1\text{ dB}$) QPSK									
Bandwidth	10M			15M			20M		
Channel	26090	26340	26640	26115	26340	26615	26140	26340	26590
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency									
(MHz)	1855	1880	1910	1857.5	1880	1907.5	1860	1880	1905
Conducted Power (dBm)	23.45	23.51	23.06	23.14	23.29	23.08	23.4	23.08	23.23
EIRP(dBm)	26.55	26.61	26.16	26.24	26.39	26.18	26.5	26.18	26.33

LTE Band 25 ($G_T - L_C = 3.1$ dB) 16QAM									
Bandwidth	1.4M			3M			5M		
Channel	26407	26340	26683	26055	26340	26675	26065	26340	26665
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency									
(MHz)	1850.7	1880	1914.3	1851.5	1880	1913.5	1852.5	1880	1912.5
Conducted Power (dBm)	22.16	22.68	21.99	22.38	22.34	22.25	22.49	22.54	21.9
EIRP(dBm)	25.26	25.78	25.09	25.48	25.44	25.35	25.59	25.64	25

LTE Band 25 ($G_T - L_C = 3.1$ dB) 16QAM									
Bandwidth	10M			15M			20M		
Channel	26090	26340	26640	26115	26340	26615	26140	26340	26590
	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)	(Low)	(Mid)	(High)
Frequency									
(MHz)	1855	1880	1910	1857.5	1880	1907.5	1860	1880	1905
Conducted Power (dBm)	22.09	22.53	22.53	22.23	22.09	22.46	22.32	22.42	22.18
EIRP(dBm)	25.19	25.63	25.63	25.33	25.19	25.56	25.42	25.52	25.28

Radiated Emission Measurement

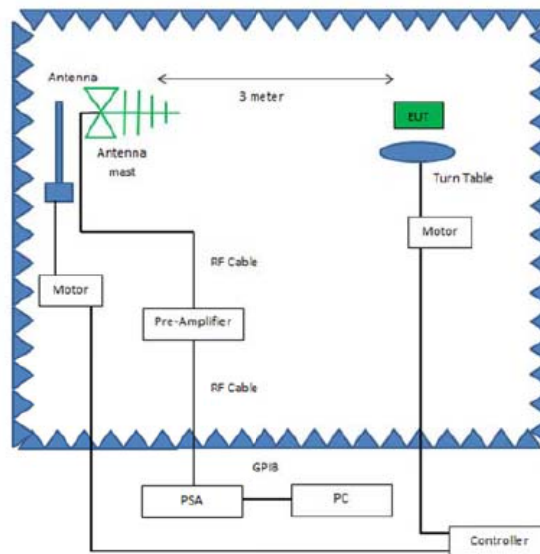
The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

Test Procedures:

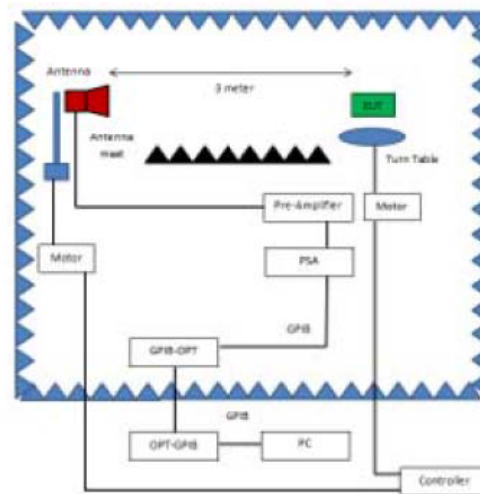
- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value " of step a. Record the power level of S.G
- c. $\text{EIRP} = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn.}$
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, $\text{E.R.P power} = \text{E.I.P.R power} - 2.15\text{dBi.}$

NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

Deviation from Test Standard
No deviation.



Radiated Emissions, Below 1GHz, Test Setup



Radiated Emissions, Above 1GHz, Test Setup

Test Engineer: Rafael Aguilar

Test Date(s): 11/02/2021

Test Data:

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	831.5 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
1663.0	-38.14	14.800	5.869	8.931	Vertical	-29.209	-13	16.209	-69.70
2494.5	-54.38	17.200	5.674	11.526	Vertical	-42.854	-13	29.854	-64.48
3326.0	-37.12	19.200	7.787	11.413	Vertical	-25.707	-13	12.707	-64.05
4157.5	-39.93	24.000	9.330	14.670	Vertical	-25.260	-13	12.260	-64.00
4989.0	-38.25	18.880	9.858	9.022	Vertical	-29.228	-13	16.228	-61.09
5820.5	-35.90	14.360	10.731	3.629	Vertical	-32.271	-13	19.271	-61.99
6652.0	-39.86	18.300	11.043	7.257	Vertical	-32.603	-13	19.603	-61.44
7483.5	-41.79	21.090	11.978	9.112	Vertical	-32.678	-13	19.678	-59.66
8315.0	-43.76	11.560	12.757	-1.197	Vertical	-44.957	-13	31.957	-60.05

Table 1. GSM 850

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	1880 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
3760.0	-39.13	22.630	8.222	14.408	Vertical	-24.722	-13	11.722	-62.62
5640.0	-35.14	14.930	10.555	4.375	Vertical	-30.765	-13	17.765	-60.81
7520.0	-41.24	21.500	12.099	9.401	Vertical	-31.839	-13	18.839	-59.34
9400.0	-40.96	10.260	13.455	-3.195	Vertical	-44.155	-13	31.155	-58.75
11280.0	-39.75	16.860	13.254	3.606	Vertical	-36.144	-13	23.144	-55.47
13160.0	-33.03	17.170	13.299	3.871	Vertical	-29.159	-13	16.159	-54.37
15040.0	-29.03	16.190	13.915	2.275	Vertical	-26.755	-13	13.755	-53.43
16920.0	-22.93	13.400	12.566	0.834	Vertical	-22.096	-13	9.096	-52.48

Table 2. GSM 1900

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	1880 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
3760.0	-38.66	22.630	8.222	14.408	Vertical	-24.252	-13	11.252	-62.88
5640.0	-31.37	14.930	10.555	4.375	Vertical	-26.995	-13	13.995	-57.57
7520.0	-36.65	21.500	12.099	9.401	Vertical	-27.249	-13	14.249	-54.58
9400.0	-40.66	10.260	13.455	-3.195	Vertical	-43.855	-13	30.855	-58.79
11280.0	-41.47	16.860	13.254	3.606	Vertical	-37.864	-13	24.864	-56.67
13160.0	-33.68	17.170	13.299	3.871	Vertical	-29.809	-13	16.809	-53.78
15040.0	-31.78	16.190	13.915	2.275	Vertical	-29.505	-13	16.505	-53.46
16920.0	-24.66	13.400	12.566	0.834	Vertical	-23.826	-13	10.826	-54.22

Table 3. WCDMA B2 RMC

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	1880 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
3760.0	-39.11	22.630	8.222	14.408	Vertical	-24.702	-13	11.702	-62.96
5640.0	-34.71	14.930	10.555	4.375	Vertical	-30.335	-13	17.335	-60.99
7520.0	-38.67	21.500	12.099	9.401	Vertical	-29.269	-13	16.269	-56.37
9400.0	-41.16	10.260	13.455	-3.195	Vertical	-44.355	-13	31.355	-59.52
11280.0	-41.27	16.860	13.254	3.606	Vertical	-37.664	-13	24.664	-56.68
13160.0	-33.79	17.170	13.299	3.871	Vertical	-29.919	-13	16.919	-53.91
15040.0	-31.14	16.190	13.915	2.275	Vertical	-28.865	-13	15.865	-54.09
16920.0	-23.16	13.400	12.566	0.834	Vertical	-22.326	-13	9.326	-52.83

Table 4. WCDMA B2 HSPA

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	1732.4 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
3464.8	-38.50	19.450	8.544	10.906	Vertical	-27.594	-13	14.594	-44.27
5197.2	-45.69	15.930	10.253	5.677	Vertical	-40.013	-13	27.013	-53.76
6929.6	-42.45	20.120	11.451	8.669	Vertical	-33.781	-13	20.781	-49.66
8662.0	-41.93	12.440	13.046	-0.606	Vertical	-42.536	-13	29.536	-59.24
10394.4	-38.46	18.700	13.081	5.619	Vertical	-32.841	-13	19.841	-57.59
12126.8	-37.97	23.270	13.063	10.207	Vertical	-27.763	-13	14.763	-54.41
13859.2	-33.26	16.900	14.385	2.515	Vertical	-30.745	-13	17.745	-54.60
15591.6	-24.57	15.450	13.470	1.980	Vertical	-22.590	-13	9.590	-53.67
17324.0	-21.89	14.180	13.143	1.037	Vertical	-20.853	-13	7.853	-50.53

Table 5. WCDMA B4 RMC

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	1732.4 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
3464.8	-36.57	19.450	8.544	10.906	Vertical	-25.664	-13	12.664	-63.71
5197.2	-35.77	15.930	10.253	5.677	Vertical	-30.093	-13	17.093	-60.88
6929.6	-37.55	20.120	11.451	8.669	Vertical	-28.881	-13	15.881	-61.23
8662.0	-42.24	12.440	13.046	-0.606	Vertical	-42.846	-13	29.846	-59.38
10394.4	-37.74	18.700	13.081	5.619	Vertical	-32.121	-13	19.121	-57.21
12126.8	-37.63	23.270	13.063	10.207	Vertical	-27.423	-13	14.423	-54.44
13859.2	-33.63	16.900	14.385	2.515	Vertical	-31.115	-13	18.115	-54.68
15591.6	-23.47	15.450	13.470	1.980	Vertical	-21.490	-13	8.490	-52.64
17324.0	-22.03	14.180	13.143	1.037	Vertical	-20.993	-13	7.993	-50.69

Table 6. WCDMA B4 HSPA

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	836.5 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
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1673.0	-39.10	15.700	5.692	10.008	Vertical	-29.092	-13	16.092	-68.93
2509.5	-39.79	17.200	5.673	11.527	Vertical	-28.263	-13	15.263	-64.93
3346.0	-39.71	20.000	7.787	12.213	Vertical	-27.497	-13	14.497	-63.94
4182.5	-37.71	24.300	9.330	14.970	Vertical	-22.740	-13	9.740	-62.19
5019.0	-39.58	16.610	9.894	6.716	Vertical	-32.864	-13	19.864	-62.24
5855.5	-36.58	14.840	10.688	4.152	Vertical	-32.428	-13	19.428	-60.77
6692.0	-37.68	21.850	11.043	10.807	Vertical	-26.873	-13	13.873	-59.98
7528.5	-40.30	21.060	12.099	8.961	Vertical	-31.339	-13	18.339	-59.31
8365.0	-43.30	14.610	12.820	1.790	Vertical	-41.510	-13	28.510	-59.32

Table 7. WCDMA B5 RMC

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	836.5 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
1673.0	-39.40	15.700	5.692	10.008	Vertical	-29.392	-13	16.392	-69.65
2509.5	-40.19	17.200	5.673	11.527	Vertical	-28.663	-13	15.663	-65.36
3346.0	-39.71	20.000	7.787	12.213	Vertical	-27.497	-13	14.497	-63.99
4182.5	-38.69	24.300	9.330	14.970	Vertical	-23.720	-13	10.720	-63.01
5019.0	-39.58	16.610	9.894	6.716	Vertical	-32.864	-13	19.864	-62.50
5855.5	-37.68	14.840	10.688	4.152	Vertical	-33.528	-13	20.528	-62.12
6692.0	-37.30	21.850	11.043	10.807	Vertical	-26.493	-13	13.493	-59.60
7528.5	-40.30	21.060	12.099	8.961	Vertical	-31.339	-13	18.339	-59.16
8365.0	-42.43	14.610	12.820	1.790	Vertical	-40.640	-13	27.640	-58.67

Table 8. WCDMA B5 HSPA

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	1880 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
3760.0	-50.27	22.630	8.222	14.408	Vertical	-35.862	-13	22.862	-56.92
5640.0	-29.46	14.930	10.555	4.375	Vertical	-25.085	-13	12.085	-55.12
7520.0	-34.06	21.500	12.099	9.401	Vertical	-24.659	-13	11.659	-52.11
9400.0	-40.36	10.260	13.455	-3.195	Vertical	-43.555	-13	30.555	-58.88
11280.0	-41.36	16.860	13.254	3.606	Vertical	-37.754	-13	24.754	-56.65
13160.0	-33.54	17.170	13.299	3.871	Vertical	-29.669	-13	16.669	-53.52
15040.0	-30.84	16.190	13.915	2.275	Vertical	-28.565	-13	15.565	-54.30
16920.0	-22.02	13.400	12.566	0.834	Vertical	-21.186	-13	8.186	-52.13

Table 9. LTE Band 2 QPSK

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	1880 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
3760.0	-50.27	22.630	8.222	14.408	Vertical	-35.862	-13	22.862	-56.96
5640.0	-30.76	14.930	10.555	4.375	Vertical	-26.385	-13	13.385	-56.68

7520.0	-36.76	21.500	12.099	9.401	Vertical	-27.359	-13	14.359	-54.73
9400.0	-40.36	10.260	13.455	-3.195	Vertical	-43.555	-13	30.555	-59.11
11280.0	-41.36	16.860	13.254	3.606	Vertical	-37.754	-13	24.754	-56.80
13160.0	-34.54	17.170	13.299	3.871	Vertical	-30.669	-13	17.669	-54.50
15040.0	-31.45	16.190	13.915	2.275	Vertical	-29.175	-13	16.175	-54.88
16920.0	-22.80	13.400	12.566	0.834	Vertical	-21.966	-13	8.966	-52.85

Table 10. LTE Band 2 16QAM

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	1732.5 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
3465.0	-35.38	19.700	8.544	11.156	Vertical	-24.224	-13	11.224	-41.35
5197.5	-37.32	15.350	10.253	5.097	Vertical	-32.223	-13	19.223	-60.12
6930.0	-33.23	20.040	11.451	8.589	Vertical	-24.641	-13	11.641	-55.90
8662.5	-43.53	12.330	13.046	-0.716	Vertical	-44.246	-13	31.246	-59.69
10395.0	-39.28	18.480	13.081	5.399	Vertical	-33.881	-13	20.881	-58.44
12127.5	-37.78	23.260	13.063	10.197	Vertical	-27.583	-13	14.583	-55.13
13860.0	-33.20	16.670	14.385	2.285	Vertical	-30.915	-13	17.915	-55.34
15592.5	-24.94	15.890	13.470	2.420	Vertical	-22.520	-13	9.520	-53.71
17325.0	-16.15	9.000	13.143	-4.143	Vertical	-20.293	-13	7.293	-52.54

Table 11. LTE Band 4 QPSK

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	1732.5 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
3465.0	-36.36	19.700	8.544	11.156	Vertical	-25.204	-13	12.204	-42.31
5197.5	-36.22	15.350	10.253	5.097	Vertical	-31.123	-13	18.123	-58.98
6930.0	-33.93	20.040	11.451	8.589	Vertical	-25.341	-13	12.341	-56.60
8662.5	-43.53	12.330	13.046	-0.716	Vertical	-44.246	-13	31.246	-59.79
10395.0	-38.83	18.480	13.081	5.399	Vertical	-33.431	-13	20.431	-58.05
12127.5	-37.18	23.260	13.063	10.197	Vertical	-26.983	-13	13.983	-54.50
13860.0	-32.90	16.670	14.385	2.285	Vertical	-30.615	-13	17.615	-54.95
15592.5	-24.34	15.890	13.470	2.420	Vertical	-21.920	-13	8.920	-53.05
17325.0	-16.15	9.000	13.143	-4.143	Vertical	-20.293	-13	7.293	-52.52

Table 12. LTE Band 4 16QAM

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	836.5 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
1673.0	-46.03	15.700	5.692	10.008	Vertical	-36.022	-13	23.022	-53.09
2509.5	-47.86	17.200	5.673	11.527	Vertical	-36.333	-13	23.333	-57.69
3346.0	-51.11	20.000	7.787	12.213	Vertical	-38.897	-13	25.897	-56.77
4182.5	-53.37	24.300	9.330	14.970	Vertical	-38.400	-13	25.400	-59.04

5019.0	-38.84	16.610	9.894	6.716	Vertical	-32.124	-13	19.124	-61.56
5855.5	-37.84	14.840	10.688	4.152	Vertical	-33.688	-13	20.688	-61.44
6692.0	-39.54	21.850	11.043	10.807	Vertical	-28.733	-13	15.733	-60.25
7528.5	-41.53	21.060	12.099	8.961	Vertical	-32.569	-13	19.569	-59.95
8365.0	-42.92	14.610	12.820	1.790	Vertical	-41.130	-13	28.130	-60.29

Table 13. LTE Band 5 QPSK

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	836.5 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
1673.0	-33.34	15.700	5.692	10.008	Vertical	-23.332	-13	10.332	-58.22
2509.5	-40.64	17.200	5.673	11.527	Vertical	-29.113	-13	16.113	-63.58
3346.0	-37.64	20.000	7.787	12.213	Vertical	-25.427	-13	12.427	-58.79
4182.5	-41.54	24.300	9.330	14.970	Vertical	-26.570	-13	13.570	-62.08
5019.0	-38.84	16.610	9.894	6.716	Vertical	-32.124	-13	19.124	-61.48
5855.5	-39.84	14.840	10.688	4.152	Vertical	-35.688	-13	22.688	-63.38
6692.0	-39.54	21.850	11.043	10.807	Vertical	-28.733	-13	15.733	-60.09
7528.5	-40.38	21.060	12.099	8.961	Vertical	-31.419	-13	18.419	-58.62
8365.0	-42.00	14.610	12.820	1.790	Vertical	-40.210	-13	27.210	-59.75

Table 14. LTE Band 5 16QAM

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	2535 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
5070.0	-38.12	16.870	9.931	6.939	Vertical	-31.181	-13	18.181	-60.72
7605.0	-31.63	22.900	12.164	10.736	Vertical	-20.894	-13	7.894	-49.63
10140.0	-38.43	20.000	13.254	6.746	Vertical	-31.684	-13	18.684	-57.93
12675.0	-38.13	19.720	13.082	6.638	Vertical	-31.492	-13	18.492	-55.73
15210.0	-29.53	16.500	13.776	2.724	Vertical	-26.806	-13	13.806	-53.82
17745.0	-14.90	6.730	13.178	-6.448	Vertical	-21.348	-13	8.348	-51.34

Table 15. LTE Band 7 QPSK

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	2535 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
5070.0	-39.42	16.870	9.931	6.939	Vertical	-32.481	-13	19.481	-62.03
7605.0	-32.93	22.900	12.164	10.736	Vertical	-22.194	-13	9.194	-50.89
10140.0	-38.63	20.000	13.254	6.746	Vertical	-31.884	-13	18.884	-58.03
12675.0	-38.33	19.720	13.082	6.638	Vertical	-31.692	-13	18.692	-55.98
15210.0	-29.60	16.500	13.776	2.724	Vertical	-26.876	-13	13.876	-54.05
17745.0	-15.50	6.730	13.178	-6.448	Vertical	-21.948	-13	8.948	-52.21

Table 16. LTE Band 7 16QAM

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	707.4 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
1414.8	-42.20	13.200	4.721	8.479	Vertical	-33.721	-13	20.721	-51.52
2122.2	-43.81	16.300	5.066	11.234	Vertical	-32.576	-13	19.576	-53.57
2829.6	-39.70	17.600	7.115	10.485	Vertical	-29.215	-13	16.215	-62.20
3537.0	-39.20	21.400	8.161	13.239	Vertical	-25.961	-13	12.961	-62.94
4244.4	-40.60	20.200	9.491	10.709	Vertical	-29.891	-13	16.891	-62.22
4951.8	-40.23	19.500	9.858	9.642	Vertical	-30.588	-13	17.588	-61.49
5659.2	-35.31	13.320	10.634	2.686	Vertical	-32.624	-13	19.624	-60.84
6366.6	-39.41	18.680	10.760	7.920	Vertical	-31.490	-13	18.490	-60.92
7074.0	-40.11	22.260	11.741	10.519	Vertical	-29.591	-13	16.591	-61.41

Table 17. LTE Band 12 QPSK

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	707.4 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
1414.8	-42.95	13.200	4.721	8.479	Vertical	-34.471	-13	21.471	-52.39
2122.2	-44.21	16.300	5.066	11.234	Vertical	-32.976	-13	19.976	-54.16
2829.6	-41.30	17.600	7.115	10.485	Vertical	-30.815	-13	17.815	-64.48
3537.0	-40.60	21.400	8.161	13.239	Vertical	-27.361	-13	14.361	-64.06
4244.4	-41.50	20.200	9.491	10.709	Vertical	-30.791	-13	17.791	-63.29
4951.8	-41.58	19.500	9.858	9.642	Vertical	-31.938	-13	18.938	-63.18
5659.2	-36.41	13.320	10.634	2.686	Vertical	-33.724	-13	20.724	-61.82
6366.6	-40.11	18.680	10.760	7.920	Vertical	-32.190	-13	19.190	-61.63
7074.0	-40.79	22.260	11.741	10.519	Vertical	-30.271	-13	17.271	-61.70

Table 18. LTE Band 12 16QAM

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	782 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
1564.0	-50.00	14.000	5.900	8.100	Vertical	-41.900	-13	28.900	-70.80
2346.0	-37.64	16.200	5.547	10.653	Vertical	-26.987	-13	13.987	-65.38
3128.0	-40.82	19.500	7.019	12.481	Vertical	-28.339	-13	15.339	-63.59
3910.0	-38.96	21.450	8.507	12.943	Vertical	-26.017	-13	13.017	-62.79
4692.0	-39.56	18.190	9.624	8.566	Vertical	-30.994	-13	17.994	-63.28
5474.0	-38.88	14.380	10.549	3.831	Vertical	-35.049	-13	22.049	-63.42
6256.0	-38.14	15.970	10.640	5.330	Vertical	-32.810	-13	19.810	-60.89
7038.0	-38.34	21.920	11.663	10.257	Vertical	-28.083	-13	15.083	-59.65
7820.0	-41.91	15.860	12.235	3.625	Vertical	-38.285	-13	25.285	-59.48

Table 19. LTE Band 13 QPSK

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	782 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
1564.0	-50.00	14.000	5.900	8.100	Vertical	-41.900	-13	28.900	-69.23
2346.0	-37.64	16.200	5.547	10.653	Vertical	-26.987	-13	13.987	-65.38
3128.0	-40.82	19.500	7.019	12.481	Vertical	-28.339	-13	15.339	-64.08
3910.0	-38.96	21.450	8.507	12.943	Vertical	-26.017	-13	13.017	-62.04
4692.0	-39.56	18.190	9.624	8.566	Vertical	-30.994	-13	17.994	-62.99
5474.0	-38.59	14.380	10.549	3.831	Vertical	-34.759	-13	21.759	-62.77
6256.0	-37.96	15.970	10.640	5.330	Vertical	-32.630	-13	19.630	-60.62
7038.0	-38.93	21.920	11.663	10.257	Vertical	-28.673	-13	15.673	-60.27
7820.0	-42.14	15.860	12.235	3.625	Vertical	-38.515	-13	25.515	-59.82

Table 20. LTE Band 13 16QAM

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	1882.4 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
3764.8	-49.55	21.850	8.222	13.628	Vertical	-35.922	-13	22.922	-56.23
5647.2	-27.97	14.020	10.555	3.465	Vertical	-24.505	-13	11.505	-53.19
7529.6	-33.27	19.440	12.099	7.341	Vertical	-25.929	-13	12.929	-52.67
9412.0	-37.65	11.000	13.455	-2.455	Vertical	-40.105	-13	27.105	-58.44
11294.4	-41.06	17.220	13.254	3.966	Vertical	-37.094	-13	24.094	-56.01
13176.8	-33.51	18.520	13.299	5.221	Vertical	-28.289	-13	15.289	-53.16
15059.2	-33.70	16.600	13.923	2.677	Vertical	-31.023	-13	18.023	-55.31
16941.6	-24.89	15.700	12.566	3.134	Vertical	-21.756	-13	8.756	-52.73

Table 21. LTE Band 25 QPSK

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	1882.4 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
3764.8	-49.78	21.850	8.222	13.628	Vertical	-36.152	-13	23.152	-56.39
5647.2	-28.27	14.020	10.555	3.465	Vertical	-24.805	-13	11.805	-53.51
7529.6	-35.55	19.440	12.099	7.341	Vertical	-28.209	-13	15.209	-54.92
9412.0	-36.91	11.000	13.455	-2.455	Vertical	-39.365	-13	26.365	-57.74
11294.4	-41.80	17.220	13.254	3.966	Vertical	-37.834	-13	24.834	-56.74
13176.8	-32.74	18.520	13.299	5.221	Vertical	-27.519	-13	14.519	-52.37
15059.2	-33.70	16.600	13.923	2.677	Vertical	-31.023	-13	18.023	-55.51
16941.6	-25.61	15.700	12.566	3.134	Vertical	-22.476	-13	9.476	-53.40

Table 22. LTE Band 25 16QAM

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	831.4MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
1662.8	-34.95	14.200	5.869	8.331	Vertical	-26.619	-13	13.619	-59.00
2494.2	-37.90	17.100	5.674	11.426	Vertical	-26.474	-13	13.474	-63.95
3325.6	-41.59	19.100	7.787	11.313	Vertical	-30.277	-13	17.277	-63.52
4157.0	-42.41	23.780	9.330	14.450	Vertical	-27.960	-13	14.960	-63.23
4988.4	-40.41	18.670	9.858	8.812	Vertical	-31.598	-13	18.598	-61.18
5819.8	-37.59	13.780	10.731	3.049	Vertical	-34.541	-13	21.541	-61.41
6651.2	-40.06	17.560	11.043	6.517	Vertical	-33.543	-13	20.543	-61.28
7482.6	-40.25	20.600	11.978	8.622	Vertical	-31.628	-13	18.628	-59.14
8314.0	-43.71	11.780	12.757	-0.977	Vertical	-44.687	-13	31.687	-60.62

Table 23. LTE Band 26 QPSK

Frequency Range	1GHz ~ 26.5GHz	Operating Frequency	831.4 MHz
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Frequency	SG	SL	AG	SL-AG	Ant Pol	EIRP	Limit	Margin	Target SA
1662.8	-36.21	14.200	5.869	8.331	Vertical	-27.879	-13	14.879	-60.58
2494.2	-39.68	17.100	5.674	11.426	Vertical	-28.254	-13	15.254	-65.28
3325.6	-41.59	19.100	7.787	11.313	Vertical	-30.277	-13	17.277	-63.55
4157.0	-41.59	23.780	9.330	14.450	Vertical	-27.140	-13	14.140	-62.25
4988.4	-41.93	18.670	9.858	8.812	Vertical	-33.118	-13	20.118	-62.39
5819.8	-37.07	13.780	10.731	3.049	Vertical	-34.021	-13	21.021	-61.03
6651.2	-40.06	17.560	11.043	6.517	Vertical	-33.543	-13	20.543	-61.08
7482.6	-41.72	20.600	11.978	8.622	Vertical	-33.098	-13	20.098	-60.63
8314.0	-43.71	11.780	12.757	-0.977	Vertical	-44.687	-13	31.687	-60.83

Table 24. LTE Band 26 16QAM

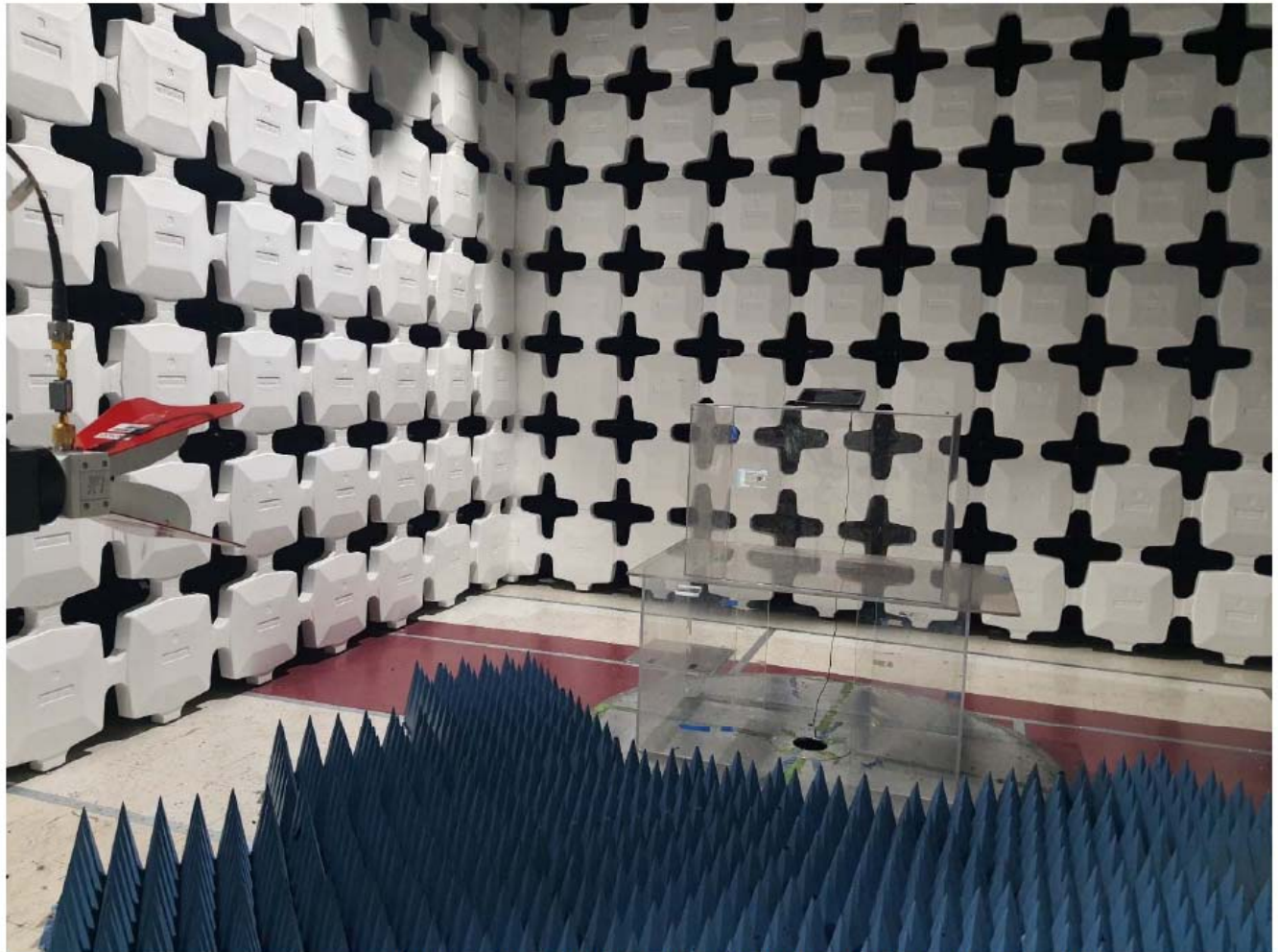


Figure 1. Radiated Emission and Bandage Measurement, Test Setup

Test Equipment List

Calibrated test equipment utilized during testing was maintained in a current state of calibration per the requirements of ISO/IEC 17025:2017.

Asset #	Equipment	Manufacturer	Model	Last Cal Date	Cal Due Date
1S2003	PXA Signal Analyzer	Keysight	N9030B	10/08/2021	10/08/2022
1S2399	Turntable Controller	SUNOL SCIENCE	SC99V	Not Required	Not Required
1S2435	Horn Antenna (Medium)	ETS-Lindgren	3117	03/09/2021	03/09/2023
1S3826	Horn Antenna (Medium)	ETS-Lindgren	3117	03/09/2021	03/09/2023
N/A	EXG Vector Signal Generator	Keysight	N5172B	07/08/2021	07/08/2022
1S2486	5 Meter Chamber Control Room	Panashield	5 Meter Control Room	Not Required	Not Required
1S2587	Preamplifier	AML Communications	AML0126L3801	Note 1	Note 1
Note 1: Verified by calibrated instrumentation at the time of testing					

Table 25. Radiated Emission and Bandage Measurement, Test Equipment List

END OF REPORT