

TEST REPORT

REPORT NUMBER: 25B02W000008-005

ON

Type of Equipment: Smart POS system

Type of Designation: T6F10

Brand Name: SUNMI

Manufacturer: Shanghai Sunmi Technology Co.,Ltd.

FCC ID: 2AH25T6F10

ACCORDING TO

FCC 47 CFR Part 2、FCC 47 CFR Part 22、FCC 47 CFR Part 24、FCC 47
CFR Part 27、FCC 47 CFR Part 90、ANSI C63.26-2015

Chongqing Academy of Information and Communications Technology

Month date, year

Jun. 10th, 2025

Signature

Zhou Jin

Director

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of Chongqing Academy of Information and Communications Technology.

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Revision Version

Report Number	Revision	Date
25B02W000008-005	00	2025-06-10

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1. Test Laboratory

1.1. Testing Location

Name:	Chongqing Academy of Information and Communications Technology
Designation Number:	CN1239
Address:	No.19EastRoad,Xiantao Big-data Valley,Yubei District,Chongqing,People's Republic of China
Postal Code:	401336
Telephone:	0086-23-88069965
Fax:	0086-23-88608777

1.2. Testing Environment

Normal Temperature:	15-35°C
Relative Humidity:	30-60%

1.3. Project data

Testing Start Date:	2025-04-16
Testing End Date:	2025-05-08

1.4. Signature

2025-06-10

Li Runhao
(Prepared this test report)

Date

2025-06-10

Xiao Yu
(Reviewed this test report)

Date

2025-06-10

Zhou Jin
Director of the laboratory
(Approved this test report)

Date

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2. Client Information

2.1. Applicant Information

Company Name:	Shanghai Sunmi Technology Co.,Ltd.
Address /Post:	Room 505, No.388 Song Hu Road, Yang Pu District, Shanghai, China
City:	Shanghai
Country:	China
Telephone:	18826519551
Fax:	N/A
Email:	chenxuanfei@sunmi.com
Contact Person:	chenxuanfei

2.2. Manufacturer Information

Company Name:	Shanghai Sunmi Technology Co.,Ltd.
Address /Post:	Room 505, No.388, Song Hu Road, Yang Pu District, Shanghai, China
City:	Shanghai
Country:	China
Telephone:	18826519551
Fax:	N/A
Email:	chenxuanfei@sunmi.com
Contact Person:	chenxuanfei

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3. Equipment under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

EUT Description	Smart POS system
Model name	T6F10
Brand name	SUNMI
GSM Frequency Band	GSM:850/ 900/ 1800/1900
WCDMA Frequency Band	WCDMA Band I/II/IV/V/VI/VIII/XIX
LTE Frequency Band	LTE Band 1/2/3/4/5/7/8/18/19/20/26/28/34/38/39/40/41
Type of LTE modulation	QPSK/16QAM
Power Class 2	N/A
Power Class 3	LTE Band 1/2/3/4/5/7/8/18/19/20/26/28/34/38/39/40/41
HVIN	T6F10
Extreme Temperature	-10/+50°C
Nominal Test Voltage	7.7V
Extreme Test High Voltage	8.8V
Extreme Test Low Voltage	6.0V

Note1: Photographs of EUT are shown in ANNEX A of this test report.

Note2: High and low voltage values in extreme condition test are given by manufacturer.

Note3: The Extreme Temperature is provided by the manufacturer and has not been verified by the laboratory.

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version	Date of receipt
25B02W000008# S1	866413070768997;86641307077 0860	V1.0(LA+EU)	V3.0.0	2025-04-16

*EUT ID: is used to identify the test sample in the lab internally.

3.3. Outline of Equipment under Test

Technology	Band	UL Freq.(MHz)	DL Freq.(MHz)	Note
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4G	2	1850 - 1910	1930-1990	--
4G	4	1710 - 1755	2110-2155	--
4G	5	824 - 849	869-894	--
4G	7	2500 - 2570	2620-2690	--
4G	26(Part 22)	824-849	869-894	--
4G	26(Part 90)	814-824	859-869	--
4G	38	2570 - 2620	2570-2620	--
4G	40	2305 - 2315	2305 - 2315	--
4G	40	2350 - 2360	2350 - 2360	--
4G	41	2496 - 2690	2496 - 2690	--

Band	BW (MHz)	Low Channel	Low Freq. (MHz)	Mid Channel	Mid Freq. (MHz)	High Channel	High Freq. (MHz)
Band 2	1.4	18607	1850.7	18900	1880	19193	1909.3
	3	18615	1851.5	18900	1880	19185	1908.5
	5	18625	1852.5	18900	1880	19175	1907.5
	10	18650	1855	18900	1880	19150	1905
	15	18675	1857.5	18900	1880	19125	1902.5
	20	18700	1860	18900	1880	19100	1900
Band 4	1.4	19957	1710.7	20175	1732.5	20393	1754.3
	3	19965	1711.5	20175	1732.5	20385	1753.5
	5	19975	1712.5	20175	1732.5	20375	1752.5
	10	20000	1715	20175	1732.5	20350	1750
	15	20025	1717.5	20175	1732.5	20325	1747.5
	20	20050	1720	20175	1732.5	20300	1745
Band 5	1.4	20407	824.7	20525	836.5	20643	848.3
	3	20415	825.5	20525	836.5	20635	847.5
	5	20425	826.5	20525	836.5	20625	846.5
	10	20450	829	20525	836.5	20600	844
Band 7	5	20775	2502.5	21100	2535	21425	2567.5
	10	20800	2505	21100	2535	21400	2565

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Band	BW (MHz)	Low Channel	Low Freq. (MHz)	Mid Channel	Mid Freq. (MHz)	High Channel	High Freq. (MHz)
	15	20825	2507.5	21100	2535	21375	2562.5
	20	20850	2510	21100	2535	21350	2560
Band 26 (824-849MHz)	1.4	26797	824.7	26915	836.5	27033	848.3
	3	26805	825.5	26915	836.5	27025	847.5
	5	26815	826.5	26915	836.5	27015	846.5
	10	26840	829	26915	836.5	26990	844
	15	26865	831.5	26915	836.5	26965	841.5
Band 38	5	37775	2572.5	38000	2595	38225	2617.5
	10	37800	2575	38000	2595	38200	2615
	15	37825	2577.5	38000	2595	38175	2612.5
	20	37850	2580	38000	2595	38150	2610
Band 40A (2305–2315MHz)	5	38725	2307.5	38750	2310	38775	2312.5
	10	/	/	38750	2310	/	/
Band 40B (2350–2360MHz)	5	39175	2352.5	38750	2355	39225	2357.5
	10	/	/	38750	2355	/	/
Band 41	5	39675	2498.5	40620	2593	41565	2687.5
	10	39700	2501	40620	2593	41540	2685
	15	39725	2503.5	40620	2593	41515	2682.5
	20	39750	2506	40620	2593	41490	2680

No.	Maximum of Antenna Gain	Data
1	LTE band 2	0.46 dBi
2	LTE band 4	-0.42 dBi
3	LTE band 5	-1.63 dBi
4	LTE band 7	0.39 dBi
5	LTE band 26 (824-849MHz)	-1.63 dBi
6	LTE band 26 (814-824MHz)	-1.63 dBi
7	LTE band 38	1.54 dBi
8	LTE band 40	1.01 dBi
9	LTE band 41	2.41 dBi

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Note: The data of antenna gain is provided by the customer may affect the validity of the test results in this report, and the impact and consequences of this shall be undertaken by the customer.

3.4. Internal Identification of AE used during the test

AE ID*	Description	Model
A1	Adapter	Model: TPA-23A050200UU01 INPUT: 100-240V~50/60Hz 0.3A OUTPUT: 5.0V2.0A
C1	USB Cable	N/A
B1	Battery	Model: FHP 7.74V, 3000mAh

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4. Reference Documents

4.1. Documents supplied by applicant

PICS/PIXIT, referring to Annex B for detailed information, is supplied by the client or manufacturer, which is the basis of testing.

4.2. Reference Documents for testing

The following documents listed in this section are referred for testing.

Reference	Title	Version
FCC Part 2	FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS	--
FCC 47 CFR Part 22	CELLULAR RADIOTELEPHONE SERVICE	--
FCC 47 CFR Part 24	BROADBAND PCS	--
FCC 47 CFR Part 27	Miscellaneous wireless communications services	--
FCC 47 CFR Part 90	Private Land Mobile Radio Services	--
ANSI C63.26	American National Standard Of Procedures For Compliance Testing Of Licensed Transmitters Used In Licensed Radio	2015
KDB 971168 D01 Power Meas License Digital Systems	Measurement Guidance For Certification Of Licensed Digital Transmitters	v03r01

Note: The standard of FCC 47 CFR Part 2 and KDB 971168 D01 Power Meas License Digital Systems have not been accredited by A2LA.

5. Test Equipments Utilized

5.1. RSE Test System

No.	Equipment	Model	SN	HW Version	SW Version	Manufacture	Cal.Due Date
1	Universal Radio Communication Tester	CMW500	128181	--	--	R&S	2025-06-28
2	Test Receiver	ESU40	100350	01	4.43 SP3	R&S	2025-06-28
3	Ultra-wideband Log Periodic Antenna	VULB 9163	9163-586	--	--	Schwarzbeck	2026-10-28
4	Double Ridged Guide Antenna	9120D	9120D-1103	--	--	Schwarzbeck	2026-05-13
5	Ultra-wideband Log Periodic Antenna	VULB 9163	00995	--	--	Schwarzbeck	2025-09-11
6	Double Ridged Guide Antenna	9120D	9120D-1083	--	--	Schwarzbeck	2026-11-08
7	High gain horn antenna	DATE 1152	LM7127			ETS	2026-09-30
8	Generator	SMU 200A	104517	--	--	R&S	2025-06-28
9	Amplifier1	SCU-08F1	8320027	--	--	R&S	--
10	Amplifier2	SCU-18F	180093	--	--	R&S	--
11	Test Receiver	ESW 26	101382	00	1.50 SP1	R&S	2025-06-28

5.2. Anechoic chamber Vibration table

No.	Name	Type	SN	HW Version	SW Version	Manufacture	Cal.Due Date
1	Fully-Anechoic Chamber	FAC-5	--	--	--	TDK	2027-11-04
2	Anechoic Chamber	SAC-10	--	--	--	TDK	2027-11-05

5.3. Test software

No.	Name	version	SN	Manufacture
1	EMC32	V9.26.01	--	R&S
2	EMC 32	V10.20.01	--	R&S

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6. Test Results

6.1. Summary of Test Results

A brief summary of the tests carried out is shown as following.

LTE Band 2

FCC Rules	Name of Test	Result
2.1046/24.232(c)	Output Power/EIRP	PASS(Note 2)
2.1053/24.238(a)	Emission Limit	PASS(Note 2)
2.1055/24.235	Frequency Stability	PASS(Note 2)
2.1049	Occupied Bandwidth	PASS(Note 2)
2.1049	Emission Bandwidth	PASS(Note 2)
2.1051/24.238(a)	Band Edge Compliance	PASS(Note 2)
2.1051/24.238(a)	Conducted Spurious Emission	PASS(Note 2)
24.232 (d)	Peak to Average Power Ratio	PASS(Note 2)

LTE Band 4

FCC Rules	Name of Test	Result
2.1046/27.50(d)(4)	Output Power/EIRP	PASS(Note 2)
2.1053/27.53(h)	Emission Limit	PASS(Note 2)
2.1055/27.54	Frequency Stability	PASS(Note 2)
2.1049	Occupied Bandwidth	PASS(Note 2)
2.1049	Emission Bandwidth	PASS(Note 2)
2.1051/27.53(h)	Band Edge Compliance	PASS(Note 2)
2.1051/27.53(h)	Conducted Spurious Emission	PASS(Note 2)

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27.50(d)(5)	Peak to Average Power Ratio	PASS(Note 2)
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LTE Band 5

FCC Rules	Name of Test	Result
2.1046/22.913(a)	Output Power/ERP	PASS(Note 2)
2.1053/22.917(a)	Emission Limit	PASS(Note 2)
2.1055/22.355	Frequency Stability	PASS(Note 2)
2.1049	Occupied Bandwidth	PASS(Note 2)
2.1049	Emission Bandwidth	PASS(Note 2)
2.1051/22.917(a)	Band Edge Compliance	PASS(Note 2)
2.1051/22.917(a)	Conducted Spurious Emission	PASS(Note 2)
N/A	Peak to Average Power Ratio	PASS(Note 2)

LTE Band 7

FCC Rules	Name of Test	Result
2.1046/27.50(h)	Output Power/EIRP	PASS(Note 2)
2.1053/27.53(m)	Emission Limit	PASS(Note 2)
2.1055/27.54	Frequency Stability	PASS(Note 2)
2.1049	Occupied Bandwidth	PASS(Note 2)
2.1049	Emission Bandwidth	PASS(Note 2)
2.1051/27.53(m)	Band Edge Compliance	PASS(Note 2)
2.1051/27.53(m)	Conducted Spurious Emission	PASS(Note 2)
N/A	Peak to Average Power Ratio	PASS(Note 2)

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LTE Band 26(Part 22)

FCC Rules	Name of Test	Result
2.1046/22.913(a)	Output Power/ERP	PASS(Note 2)
2.1053/22.917(a)	Emission Limit	PASS(Note 2)
2.1055/22.355	Frequency Stability	PASS(Note 2)
2.1049	Occupied Bandwidth	PASS(Note 2)
2.1049	Emission Bandwidth	PASS(Note 2)
2.1051/22.917(a)	Band Edge Compliance	PASS(Note 2)
2.1051/22.917(a)	Conducted Spurious Emission	PASS(Note 2)
N/A	Peak to Average Power Ratio	PASS(Note 2)

LTE Band 26(Part 90)

FCC Rules	Name of Test	Result
2.1046/90.635(b)	Output Power and EIRP/ERP	PASS(Note 2)
2.1053/90.691	Emission Limit	PASS(Note 2)
2.1055/90.213(a)	Frequency Stability	PASS(Note 2)
2.1049	Occupied Bandwidth	PASS(Note 2)
2.1049	26dB Emission Bandwidth	PASS(Note 2)
2.1051/90.691	Band Edge Compliance	PASS(Note 2)
2.1051/90.691	Conducted Spurious Emission	PASS(Note 2)
N/A	Peak to Average Power Ratio	PASS(Note 2)

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LTE Band 38

FCC Rules	Name of Test	Result
2.1046/27.50(h)	Output Power/EIRP	PASS(Note 2)
2.1053/27.53(m)	Emission Limit	PASS(Note 2)
2.1055/27.54	Frequency Stability	PASS(Note 2)
2.1049	Occupied Bandwidth	PASS(Note 2)
2.1049	Emission Bandwidth	PASS(Note 2)
2.1051/27.53(m)	Band Edge Compliance	PASS(Note 2)
2.1051/27.53(m)	Conducted Spurious Emission	PASS(Note 2)
N/A	Peak to Average Power Ratio	PASS(Note 2)

LTE Band 40

FCC Rules	Name of Test	Result
2.1046/27.50(a)	Output Power/EIRP	PASS(Note 2)
2.1053/27.53(a)	Emission Limit	PASS(Note 2)
2.1055/27.54	Frequency Stability	PASS(Note 2)
2.1049	Occupied Bandwidth	PASS(Note 2)
2.1049	Emission Bandwidth	PASS(Note 2)
2.1051/27.53(a)	Band Edge Compliance	PASS(Note 2)
2.1051/27.53(a)	Conducted Spurious Emission	PASS(Note 2)
27.5	Peak to Average Power Ratio	PASS(Note 2)

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LTE Band 41

FCC Rules	Name of Test	Result
2.1046/27.50(h)	Output Power/EIRP	PASS(Note 2)
2.1053/27.53(m)	Emission Limit	PASS
2.1055/27.54	Frequency Stability	PASS(Note 2)
2.1049	Occupied Bandwidth	PASS(Note 2)
2.1049	Emission Bandwidth	PASS(Note 2)
2.1051/27.53(m)	Band Edge Compliance	PASS(Note 2)
2.1051/27.53(m)	Conducted Spurious Emission	PASS(Note 2)
N/A	Peak to Average Power Ratio	PASS(Note 2)

Note1:

The T6F10 manufactured by Shanghai Sunmi Technology Co.,Ltd. is a variant product for testing.

This project is a variant project based on the original report 24T041300102-007 issued by 3in with below changes:

- Add secondary screen at the top of the EUT (NFC antenna will change at the same time)
- Add secondary battery.

According to the Product Change Description, we mainly verified the worst mode of Radiated Spurious Emission.

Note 2:

The test data is reported by reference to 24T041300102-007 issued by 3in.

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6.2. EMISSION LIMIT

Specifications:	FCC Part 2.1053/27.53(m); 2.1053/24.238(a); 2.1053/27.53(h); 2.1053/22.917(a); 2.1053/90.691; 2.1053/27.53(a)
DUT Serial Number:	25B02W000008#S1
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60%
Test Results:	Pass

6.2.1. Measurement Limit

FCC §27.53(m)(4)

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

FCC §22.917(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

FCC §24.238(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

FCC §27.53(a) For mobile and portable stations operating in the 2305–2315 MHz and 2350–2360 MHz bands:

(i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log (P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz;

(ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz;

(iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not

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less than $70 + 10 \log(P)$ dB above 2365 MHz.

FCC §27.53(h):

AWS emission limits —

(1) General protection levels. Except as otherwise specified below, for operations in the 1695–1710 MHz, 1710–1755 MHz, 1755–1780 MHz, 1915–1920 MHz, 1995–2000 MHz, 2000–2020 MHz, 2110–2155 MHz, 2155–2180 MHz, and 2180–2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.

(2) Additional protection levels. Notwithstanding the foregoing paragraph (h)(1) of this section:

(i) Operations in the 2180–2200 MHz band are subject to the out-of-band emission requirements set forth in § 27.1134 for the protection of federal government operations operating in the 2200–2290 MHz band.

(ii) For operations in the 2000–2020 MHz band, the power of any emissions below 2000 MHz shall be attenuated below the transmitter power (P) in watts by at least $70 + 10 \log_{10}(P)$ dB.

(iii) For operations in the 1915–1920 MHz band, the power of any emission between 1930–1995 MHz shall be attenuated below the transmitter power (P) in watts by at least $70 + 10 \log_{10}(P)$ dB.

(iv) For operations in the 1995–2000 MHz band, the power of any emission between 2005–2020 MHz shall be attenuated below the transmitter power (P) in watts by at least $70 + 10 \log_{10}(P)$ dB.

FCC §90.961:

(a) Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

6.2.2. Method of Measurement

The measurements procedures in TIA-603E-2016 are used.

The spectrum was scanned from 30 MHz to the 10th harmonic of the highest frequency generated within the equipment. The resolution bandwidth is set as outlined in FCC §90.543

The spectrum is scanned with the mobile station transmitting at carrier frequencies that pertain to low, mid and high channels of LTE Band.

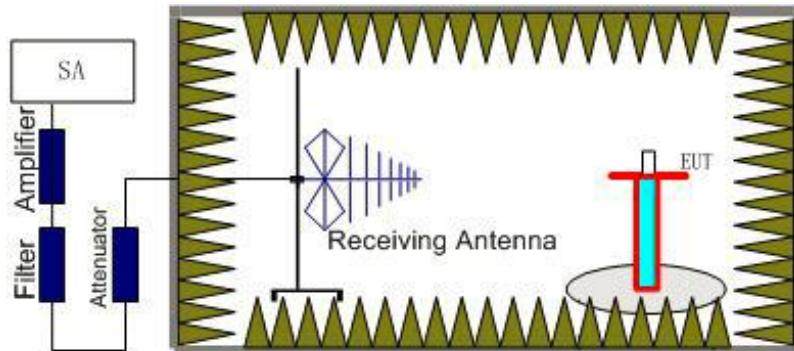
The procedure of radiated spurious emissions is as follows

1. EUT was placed on a 1.5 meter high non-conductive stand at a 3 meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The height of receiving antenna is 1.5m. The test setup refers to figure below. Detected

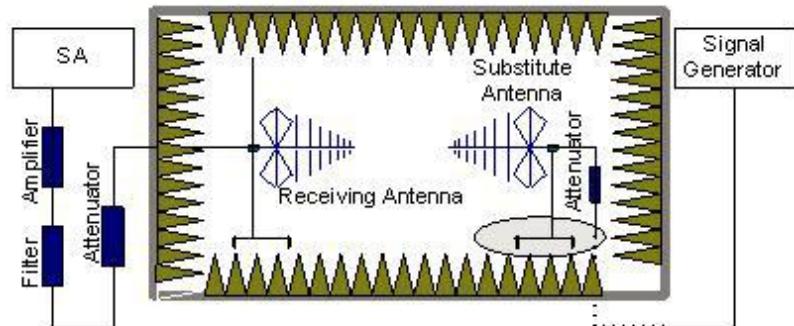
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emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all non-harmonic and harmonics of the transmit frequency through the 10th harmonic were measured with peak detector.



2. The EUT is then put into continuously transmitting mode at its maximum power level during the test. And the maximum value of the receiver should be recorded as (Pr).
3. The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.



In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

4. The Path loss (Pcl) between the Signal Source with the Substitution Antenna and the Substitution Antenna Gain (Ga) should be recorded after test.

A amplifier should be connected in for the test.

The Path loss (Pcl) is the summation of the cable loss .

The measurement results are obtained as described below:

$$\text{Power(EIRP)} = \text{PMea} - \text{Pcl} + \text{Ga}$$

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5. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi) and known input power.

6. ERP can be calculated from EIRP by subtracting the gain of the dipole, $ERP = EIRP - 2.15\text{dBi}$

6.2.3. Measurement Uncertainty

Expanded Uncertainty	30MHz-150MHz 3.82 dB (k=2) 150MHz-1000MHz 3.97 dB (k=2) 1000MHz-3000MHz 3.09 dB (k=2) 3000MHz-6000MHz 3.29 dB (k=2) 6000MHz-18000MHz 3.91 dB (k=2) 18000MHz-26000MHz 4.60 dB (k=2) 26000MHz-40000MHz 4.77 dB (k=2)
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6.2.4. Measurement Results

Band	BW (MHz)	RB Config	Modulation	Channel	Frequency Range
Band 41	5	OneRB_low	QPSK	Low	30MHz~40GHz
				Middle	30MHz~40GHz
				High	30MHz~40GHz

RSE-LTE41-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Test Result (dBm)	Limit(dBm)	Margin(dBm)	Polarization
4995.2	-46.55	7.8	9.6	-44.75	-25	19.75	V
7494.4	-35.19	9.7	11.6	-33.29	-25	8.29	V
9991.2	-46.52	11.2	12.5	-45.22	-25	20.22	V
12492.8	-42.96	12.7	12.3	-43.36	-25	18.36	H
14984.8	-38.66	14.4	12.3	-40.76	-25	15.76	V
17482.0	-33.03	15.1	12.3	-35.83	-25	10.83	V

RSE-LTE41-M

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Test Result (dBm)	Limit(dBm)	Margin(dBm)	Polarization
5188.8	-43.59	8.0	9.4	-42.19	-25	17.19	V
7778.8	-35.23	9.9	11.8	-33.33	-25	8.33	V
10370.0	-44.27	11.6	12.3	-43.57	-25	18.57	H

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13007.2	-40.91	13.2	12.3	-41.81	-25	16.81	V
15537.8	-34.02	14.5	12.3	-36.22	-25	11.22	H

RSE-LTE41-H

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Test Result (dBm)	Limit(dBm)	Margin(dBm)	Polarization
3863.6	-51.33	6.7	7.9	-50.13	-25	25.13	H
5375.2	-43.96	8.1	9.8	-42.26	-25	17.26	V
8061.2	-32.71	9.9	12.2	-30.41	-25	5.41	V
10751.2	-44.71	11.7	12.3	-44.11	-25	19.11	V
13341.5	-39.22	13.6	12.3	-40.52	-25	15.52	H
16125.8	-33.12	15.0	12.3	-35.82	-25	10.82	H

Note: Only worse case is recorded in this report.

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Annex A EUT Photos

See the document "25B02W000008-External Photos".

See the document "25B02W000008-Internal Photos".

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Annex B Deviations from Prescribed Test Methods

No deviation from Prescribed Test Methods.

END OF REPORT

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