



# TEST REPORT

**REPORT NUMBER:25B02W000010-002**

**ON**

**Type of Equipment:** **Handheld Wireless Terminal**

**Type of Designation:** **T8F1C**

**Brand Name:** **SUNMI**

**Manufacturer:** **Shanghai Sunmi Technology Co.,Ltd.**

**FCC ID:** **2AH25T8F1C**

**IC:** **22621-T8F1C**

## ACCORDING TO

FCC 47 CFR Part 2,FCC 47 CFR Part 22, FCC 47 CFR Part 24, FCC 47 CFR Part 27, ANSI  
C63.26-2015, RSS-Gen Issue 5, RSS-132 Issue 4, RSS-133 Issue 7, RSS-139 Issue 4

**Chongqing Academy of Information and Communications Technology**

*Month date, year*

*August 14, 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.



**Report No.: 25B02W000010-002**

**Revision Version**

<b>Report Number</b>	<b>Revision</b>	<b>Date</b>
25B02W000010-002	00	2025-08-14

**Chongqing Academy of Information and Communications Technology**

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## 1. Test Laboratory

### 1.1. Testing Location

Name:	Chongqing Academy of Information and Communications Technology
Designation Number:	CN1239
IC Registration Number:	29397
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

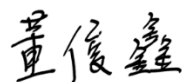
### 1.2. Testing Environment

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

### 1.3. Project data

Testing Start Date:	2025-05-27
Testing End Date:	2025-07-04

### 1.4. Signature



2025-08-14

**Dong Junxin**  
(Prepared this test report)

Date



2025-08-14

**Wang Lili**  
(Reviewed this test report)

Date



2025-08-14

**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:	8618501703215
Fax:	N/A
Email:	fang.lu@sunmi.com
Contact Person:	Fang Lu

### 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:	8618501703215
Fax:	N/A
Email:	fang.lu@sunmi.com
Contact Person:	Fang Lu

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

#### 3.1. About EUT

EUT Description	Handheld Wireless Terminal
Model name	T8F1C
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 1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/30/34/38/39/ 40/41/66/71
Type of WCDMA modulation	QPSK/16QAM
Power Class 2	N/A
Power Class 3	WCDMA Band I/II/IV/V/VI/VIII/XIX
Extreme Temperature	-20/+55°C
Nominal Test Voltage	3.87 V
Extreme Test High Voltage	4.45 V
Extreme Test Low Voltage	3.6 V

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
25B02W000010#S2	IMEI:862072070057829;862072070057837	V00	4.0.0	2025-05-23
25B02W000010#S4	IMEI:862072070057688;862072070057696	V00	4.0.0	2025-05-23

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

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### 3.3. Outline of Equipment under Test

Technology	Band	UL Freq.(MHz)	DL Freq.(MHz)	Note
WCDMA	II	1850-1910	1930-1990	--
WCDMA	IV	1710-1755	2110-2155	--
WCDMA	V	824-849	869-894	--

No.	Maximum of Antenna Gain	Data
1	WCDMA Band 2	2.19 dBi
2	WCDMA Band 4	1.85 dBi
3	WCDMA Band 5	-0.37 dBi

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	Note	dB*
AE1	RF cable	--	0.5
C1	USB Cable	SSM-A033A	--
A1	Adapter	TPA-141A050200UU01	--
A2	Adapter	UC13US	--
A3	Adapter	TPA-10120150UU	--
B1	Battery	GYPA	--

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

dB\*: is provided customer.

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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 47 CFR Part 2	FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS	--
FCC 47 CFR Part 22	PUBLIC MOBILE SERVICES	--
FCC 47 CFR Part 24	PERSONAL COMMUNICATIONS SERVICES	--
FCC 47 CFR Part 27	MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES	--
RSS-Gen Issue 5	General Requirements For Compliance Of Radio Apparatus	2021-02
RSS-132 Issue 4	Cellular Systems Operating in the Bands 824-849 MHz and 869-894 MHz	2023-01
RSS-133 Issue 7	Personal Communications Service Equipment Operating in the Bands 1850-1915 MHz and 1930-1995 MHz	2024-07
RSS-139 Issue 4	Advanced Wireless Services (AWS) Equipment Operating in the Bands 1710-1780 MHz and 2110-2200 MHz	2022-09
ANSI C63.26	American National Standard of Procedures for Compliance Testing of Licensed Transmitters Used in Licensed Radio	2015
KDB 971168 D01	Measurement Guidance for Certification of Licensed Digital Transmitters	v03r01
Note: FCC 47 CFR Part 2 and KDB 971168 D01 is not A2LA certified.		

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## 5. Test Equipments Utilized

### 5.1. RF Test System

No.	Equipment	Model	SN	HW Version	SW Version	Manufacturer	Cal. Interval	Cal.Due Date
1	Universal Radio Communication Tester	CMW500	152395	--	--	R&S	1 Year	2026-06-15
2	Microstrip power divider	XBGF-G2A01-N	200827-4-3	--	--	Xi'an Xingbo Electronic Technology Co., Ltd	--	--

### 5.2. RSE Test System

No.	Equipment	Model	SN	HW Version	SW Version	Manufacturer	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	2026-06-15
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

### 5.3. Anechoic chamber Vibration table

No.	Name	Type	SN	HW Version	SW Version	Manufacturer	Cal.Due Date
-----	------	------	----	------------	------------	--------------	--------------

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1	Fully-Anechoic Chamber	FAC-5	--	--	--	TDK	2027-11-04
2	Anechoic Chamber	SAC-10	--	--	--	TDK	2027-11-05

#### 5.4. Test software

No.	Name	version	SN	Manufacture
1	EMC32	V9.26.01	--	R&S
2	EMC 32	V10.20.01	--	R&S
3	2/3/4G-FCC/IC automated testing software	V2.1.5	--	Beijing Zhiwang Xince Technology Co., Ltd.

## 6. Test Results

### 6.1. Summary of Test Results

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

#### WCDMA II

FCC Rules	IC Rules	Name of Test	Result
2.1046/24.232(c)	RSS-133 5.5	Output Power/EIRP	PASS
2.1053/24.238(a)	RSS-133 5.6	Emission Limit	PASS(Note 2)
2.1055/24.235	RSS-133 5.4	Frequency Stability	PASS(Note 2)
2.1049	RSS-GEN 6.7	Occupied Bandwidth	PASS(Note 2)
2.1049	RSS-GEN 6.7	Emission Bandwidth	PASS(Note 2)
2.1051/24.238(a)	RSS-133 5.6	Band Edge Compliance	PASS(Note 2)
2.1051/24.238(a)	RSS-133 5.6	Conducted Spurious Emission	PASS(Note 2)
24.232 (d)	RSS-133 5.5	Peak to Average Power Ratio	PASS(Note 2)

#### WCDMA IV

FCC Rules	IC Rules	Name of Test	Result
2.1046/27.50(d)(4)	RSS-139 5.5	Output Power/EIRP	PASS
2.1053/27.53(h)	RSS-139 5.6	Emission Limit	PASS
2.1055/27.54	RSS-139 5.4	Frequency Stability	PASS(Note 2)
2.1049	RSS-GEN 6.7	Occupied Bandwidth	PASS(Note 2)
2.1049	RSS-GEN 6.7	Emission Bandwidth	PASS(Note 2)
2.1051/27.53(h)	RSS-139 5.6	Band Edge Compliance	PASS(Note 2)
2.1051/27.53(h)	RSS-139 5.6	Conducted Spurious Emission	PASS(Note 2)
27.50(d)(5)	RSS-139 5.5	Peak to Average Power Ratio	PASS(Note 2)

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**WCDMA V**

FCC Rules	IC Rules	Name of Test	Result
2.1046/22.913(a)	RSS-132 5.4	Output Power/EIRP	PASS
2.1053/22.917(a)	RSS-132 5.5	Emission Limit	PASS(Note 2)
2.1055/22.355	RSS-132 5.3	Frequency Stability	PASS(Note 2)
2.1049	RSS-GEN 6.7	Occupied Bandwidth	PASS(Note 2)
2.1049	RSS-GEN 6.7	Emission Bandwidth	PASS(Note 2)
2.1051/22.917(a)	RSS-132 5.5	Band Edge Compliance	PASS(Note 2)
2.1051/22.917(a)	RSS-132 5.5	Conducted Spurious Emission	PASS(Note 2)
N/A	RSS-132 5.4	Peak to Average Power Ratio	PASS(Note 2)

**Note1:**

The T8F1C, manufactured by Shanghai Sunmi Technology Co.,Ltd. is a variant product for testing. This project is a variant project based on the original report 24T04I300217-046 issued by 3in with below changes:

- Added RFID function.
- Modified 2/3/4G Div Antenna and WIFI Antenna. Remove 1 NFC, Add RFID Antenna.
- PCB Changes,
- Removed: 8 Pin in behind.
- Mechanical shell changes.

Type of Service	Model Name	Super capacitor	pogopin	NFC	RFID
Original	T8F1B	Yes	8 Pin in behind & 6 pin in bottom	Two-sided	No
Variant	T8F1C	No	6 Pin in bottom	Under screen	Yes

According to the Product Change Description, we tested Output Power and the worst mode of radiated spurious emission in the original report, and the test data was recorded in the report.

**Note 2:**

The test data is reported by reference to 24T04I300217-046 issued by 3in.

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## 6.2. Output Power

<b>Specifications:</b>	FCC Part 2.1053/22.913(a)/24.232(c) /27.50(d)(4) RSS-133 5.5/ RSS-139 5.5 / RSS-132 5.4
<b>DUT Serial Number:</b>	862072070057829;862072070057837
<b>Test conditions:</b>	Ambient Temperature:15°C-35°C Relative Humidity:30%RH-60%RH Air pressure: 86kPa-106kPa
<b>Test Results:</b>	Pass

### 6.2.1. Measurement Limit

FCC §22.913(a) Mobile stations are limited to 7 watts.

FCC §24.232(c) Mobile and portable stations are limited to 2 watts.

FCC §27.50d(4) Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

RSS-133 5.5 Subscriber equipment: 2 W /channel bandwidth e.i.r.p

RSS-139 5.5 Subscriber equipment: 30 dBm e.i.r.p./channel bandwidth

RSS-132 5.4 The transmitter output power shall be measured in terms of average power. The equivalent radiated power (e.r.p.) shall not exceed 7 watts for mobile equipment and 3 watts for portable equipment.

### 6.2.2. Method of Measurements

Method of measurements please refer to KDB971168 D01 v03 clause 5.

The EUT was set up for the max output power with pseudo random data modulation.

The power was measured with Rhode & Schwarz Spectrum Analyzer FSQ(peak).

These measurements were done at 3 frequencies, 1852.4 MHz, 1880.0MHz and 1907.6MHz for WCDMA Band II; 1732.6 MHz, 1712.4MHz and 1752.6MHz for WCDMA Band IV; 826.4MHz, 836.6MHz and 846.6MHz for WCDMA Band V. (bottom, middle and top of operational frequency range).

During the process of testing, the EUT was controlled Rhode & Schwarz Digital Radio.

Communication tester to ensure max power transmission and proper modulation.

This result contains peak output power and EIRP measurements for the EUT. In all cases, output power is within the specified limits.

$EIRP = \text{Conducted power} + \text{Gain}$ ,  $ERP = EIRP - 2.15\text{dBi}$ .

### 6.2.3. Measurement Uncertainty

Item	Uncertainty
Expanded Uncertainty	0.6 dB (k=2)

### 6.2.4. Test procedures

The transmitter output port was connected to base station.

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Set the EUT at maximum power through base station.

Select lowest, middle, and highest channels for each band and different modulation.

Measure maximum average power for other modulation signal.

The transmitter output power was connected to calibrated attenuator, the other end of which was connected to signal analyzer. Transmitter output power was read off the power in dBm. The power outputs at the transmitter antenna port was determined by adding the value of attenuator to the signal analyzer reading.

### 6.2.5. Test Setup



### 6.2.6. Output Power Measurement results

Mode	Test Mode	Channel/Frequency(MHz)		
		9262/1852.4	9400/1880	9538/1907.6
WCDMA II	RMC	24.02	23.72	23.79
Mode	Test Mode	Channel/Frequency(MHz)		
		1312/1712.4	1413/1732.6	1513/1752.6
WCDMA IV	RMC	23.57	24.09	23.63
Mode	Test Mode	Channel/Frequency(MHz)		
		4132/826.4	4183/836.6	4233/846.6
WCDMA V	RMC	23.97	23.86	23.91

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**6.2.7. EIRP/ERP results****WCDMA Band II**

Frequency (MHz)	EIRP (dBm)
1852.6	26.21
1880.0	25.91
1907.4	25.98

**WCDMA Band IV**

Frequency(MHz)	EIRP(dBm)
1712.4	25.42
1732.6	25.94
1752.6	25.48

**WCDMA Band V**

Frequency(MHz)	EIRP (dBm)	ERP (dBm)
826.4	23.60	21.45
836.6	23.49	21.34
846.6	23.54	21.39



### 6.3. EMISSION LIMIT

<b>Specifications:</b>	FCC Part 2.1053/24.238(a)/ 27.53(h)/22.917(a) RSS-133 5.6/RSS-139 5.6/RSS-132 5.5
<b>DUT Serial Number:</b>	862072070057688;862072070057696
<b>Test conditions:</b>	Ambient Temperature:15°C-35°C Relative Humidity:30%RH-60%RH Air pressure: 86kPa-106kPa
<b>Test Results:</b>	Pass

#### 6.3.1. Measurement Limit

After the first 1.0 MHz outside the equipment's smallest operating frequency block, which can contain the equipment's occupied bandwidth, the emission power in any 1 MHz bandwidth shall be attenuated below the transmitter output power P (in dBW) by at least  $43 + 10 \log_{10} p$  (watts) dB. Limit -13 dBm  
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(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 §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.

RSS-133 5.6

Unwanted emissions shall be measured in terms of average values while the transmitter is operating at the manufacturer's rated power and modulated as specified in RSS-Gen.

Equipment shall meet the unwanted emission limits, specified in table 3, outside each frequency block group. For each channel bandwidth supported by the equipment under test, the unwanted emissions shall be measured and reported for two channel frequencies: one located as close as possible to the low end and one

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located as close as possible to the high end of the equipment's operating frequency range.

For the unwanted emission limits, in the 1 MHz bands immediately outside and adjacent to the frequency block group, the power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth (OBW). Beyond these 1 MHz bands, a resolution bandwidth of 1 MHz shall be used. A narrower resolution bandwidth may be used, provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz, or 1% of the OBW, as applicable.

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors), where applicable, of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in the table.

Offset frequency from the edge of the frequency block group (MHz)	Unwanted emission limit
$\leq 1$	-13 dBm/(1% of OBW)
$> 1$	-13 dBm/MHz

#### RSS-139 5.6

Unwanted emissions shall be measured in terms of average values.

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors) of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in table.

Offset frequency from the edge of the frequency block group (MHz)	Unwanted emission limit
1 MHz	-13 dBm/(1% of OB*)
$>1$ MHz	-13 dBm/MHz

#### RSS-132 5.5

Equipment shall meet the unwanted emission limits specified below:

In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated below the transmitter output power  $P$  (dBW) by at least  $43 + 10 \log(p)$  dB.

After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated below the transmitter output power  $P$  (dBW) by at least  $43 + 10 \log(p)$  dB. If the measurement is performed using 1% of the occupied bandwidth, power integration over 100 kHz is required.

$p$  is the output power specified in watts.

### 6.3.2. 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 Part 24.238 and Part 24.917.

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

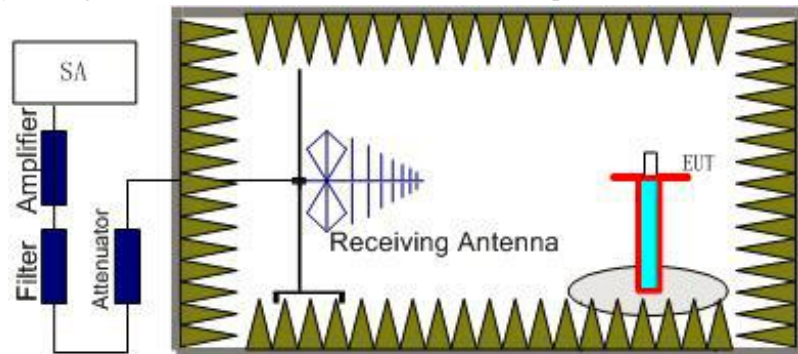
**The procedure of radiated spurious emissions is as follows**

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

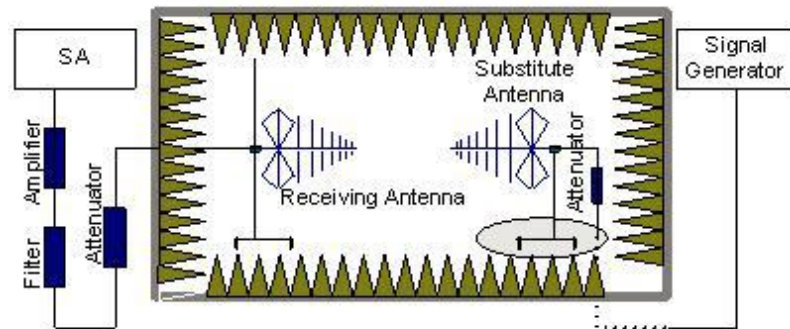
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measurements. The height of receiving antenna is 1.5m. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission 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 test results are obtained as described below:

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

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,  $\text{ERP} = \text{EIRP} - 2.15\text{dBi}$

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### 6.3.3. Measurement Results

Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies of the WCDMA Band . It was decided that measurements at these three carrier frequencies would be sufficient to demonstrate compliance with emissions limits because it was seen that all the significant spurs occur well outside the band and no radiation was seen from a carrier in one block of the WCDMA Band into any of the other blocks. The equipment must still, however, meet emissions requirements with the carrier at all frequencies over which it is capable of operating and it is the manufacturer's responsibility to verify this.

test Frequency range: 30M-20G

#### Measurement Uncertainty:

Item	Uncertainty
Expanded Uncertainty	30MHz-200MHz 3.48 dB (k=2) 200MHz-1000MHz 3.64 dB (k=2) 1000MHz-3000MHz 3.62 dB (k=2) 3000MHz-18000MHz 3.40 dB (k=2) 18000MHz-26500MHz 4.52 dB (k=2) 26500MHz-40000MHz 4.68 dB (k=2)

### 6.3.4. WCDMA Measurement Results

Frequency	Channel	Frequency Range	Result
<b>WCDMA Band IV</b>	Low	30MHz~20GHz	Pass
	Middle	30MHz~20GHz	Pass
	High	30MHz~20GHz	Pass

#### RSE-W4-L

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Test Result (dBm)	Limit (dBm)	Margin(dBm)	Polarization
3426.4	-60.95	6.4	7.8	-59.55	-13	46.55	H
5140.0	-56.3	7.9	9.4	-54.8	-13	41.80	V
6846.4	-60.73	9.2	10.9	-59.03	-13	46.03	V
8566.8	-58.04	10.3	12.6	-55.74	-13	42.74	V

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10276.8	-57.76	11.5	12.3	-56.96	-13	43.96	H
11992.6	-56.27	12.6	12.3	-56.57	-13	43.57	V

**RSE-W4-M**

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Test Result (dBm)	Limit (dBm)	Margin(dBm)	Polarization
3463.2	-57.64	6.4	7.8	-56.24	-13	43.24	H
5195.6	-57.82	8.0	9.4	-56.42	-13	43.42	V
6928.8	-60.95	9.3	11.1	-59.15	-13	46.15	H
8656.8	-58.7	10.3	12.7	-56.3	-13	43.30	V
10388.4	-54.93	11.6	12.3	-54.23	-13	41.23	H
12119.6	-55.88	12.6	12.3	-56.18	-13	43.18	V

**RSE-W4-H**

Frequency (MHz)	PMea (dBm)	Pcl (dBm)	Ga (dBd)	Test Result (dBm)	Limit (dBm)	Margin(dBm)	Polarization
3506.8	-58.72	6.4	7.8	-57.32	-13	44.32	H
5254.0	-59.69	8.0	9.4	-58.29	-13	45.29	H
7118.4	-61.44	9.4	11.1	-59.74	-13	46.74	V
8765.2	-58.02	10.4	12.7	-55.72	-13	42.72	V
10520.8	-55.72	11.6	12.3	-55.02	-13	42.02	H
12270.8	-55.23	12.7	12.3	-55.63	-13	42.63	V

Note: Only worse case is recorded in this report.

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## **Annex A EUT Photos**

See the document "25B02W000010-External Photos".

See the document "25B02W000010-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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