



RADIO TEST REPORT

Article 2 paragraph 1 item (11)-19

Product : GPS tracker

Trade Mark : wanwaytech

Model Name : G43

Family Model : G42, G42EU, G42LA, G42CA, G42C, G42E, G42U,
G42R, G44, G45, G46, G47, G48, G49, G50, G51,
G52, G53, G54, G55, G56, G57, G58, G59, G60

Report No. : N26052708804E

Prepared for

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Prepared by

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TEST RESULT CERTIFICATION

Applicant's name Shanghai WanWay Digital Technology Co., Ltd.

Address 5G Big Shot Industrial Park, No. 58, Lane 1188, Wenchuan Road,
Baoshan District, Shanghai, China

Manufacturer's Name Shanghai WanWay Digital Technology Co., Ltd.

Address 5G Big Shot Industrial Park, No. 58, Lane 1188, Wenchuan Road,
Baoshan District, Shanghai, China

Product description

Product name GPS tracker

Trade Mark wanwaytech

Model and/or type G43, G42, G42EU, G42LA, G42CA, G42C, G42E, G42U, G42R, G44,
reference G45, G46, G47, G48, G49, G50, G51, G52, G53, G54, G55, G56,
G57, G58, G59, G60

Standards Article 2 paragraph 1 item (11)-19

This device described above has been tested by Shenzhen NTEK Testing Technology Co., Ltd., and the test results show that the equipment under test (EUT) is in compliance with the MIC requirements. And it is applicable only to the tested sample identified in the report.

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The test results of this report relate only to the tested sample identified in this report.

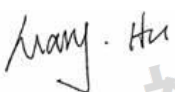
Test Sample Number S2605280007-1#

Date (s) of performance of tests May. 27, 2026 ~ Jun. 30, 2026

Date of Issue Jun. 30, 2026

Test Result Pass

Prepared
By


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Reviewed
By


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By


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(Manager)

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1. SUMMARY OF TEST RESULTS

1.1 TEST FACILITY

Site Description

CNAS-Lab. : The Certificate Registration Number is L5516.

IC-Registration : The Certificate Registration Number is 9270A.

CAB identifier: CN0074

FCC- Accredited : Test Firm Registration Number: 463705.

Designation Number: CN1184

A2LA-Lab. : The Certificate Registration Number is 4298.01

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories.

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).

Name of Firm : Shenzhen NTEK Testing Technology Co., Ltd.

Site Location : No. 24 Xinfu East Road, Xiangshan Community, Xinqiao Street, Baoan District, Shenzhen, Guangdong, People's Republic of China

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	Conducted Emission Test	$\pm 1.38\text{dB}$
2	RF power, conducted	$\pm 0.16\text{dB}$
3	Spurious emissions, conducted	$\pm 0.21\text{dB}$
4	All emissions, radiated (<1G)	$\pm 4.68\text{dB}$
5	All emissions, radiated (>1G)	$\pm 4.89\text{dB}$
6	Temperature	$\pm 0.5^\circ\text{C}$
7	Humidity	$\pm 2\%$

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2.GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	GPS tracker
Trade Mark	wanwaytech
Model Name	G43
Family Model	G42, G42EU, G42LA, G42CA, G42C, G42E, G42U, G42R, G44, G45, G46, G47, G48, G49, G50, G51, G52, G53, G54, G55, G56, G57, G58, G59, G60
Model Difference	All models have the same circuit and RF module, except for model names.
Frequency Bands:	E-UTRA FDD Band 1, 3, 8, 28
Frequency Bands:	FDD Band 1: Uplink: 1920 MHz to 1980MHz Downlink: 2110 MHz to 2170 MHz FDD Band 3: Uplink 1710MHz to 1785 MHz Downlink 1805 MHz to 1880 MHz FDD Band 8: Uplink: 900MHz to 915 MHz Downlink: 945 MHz to 960 MHz FDD Band 28: Uplink: 718 MHz to 748MHz Downlink: 773 MHz to 803 MHz
Power Class:	E-UTRA :3
Modulation Mode:	QPSK, 16QAM
Adapter	N/A
Battery	DC 3.7V 300mAh 1.11Wh
Rating(s)	DC 9-90V
Antenna Gain	B1: 2.62dBi; B3: 2.97dBi; B8: 1.23dBi; B28: 2.90dBi
Antenna Designation	Stainless steel Antenna
Hardware Version	N/A
Firmware version:	N/A
Software Version	N/A

2.2 LIST OF TEST EQUIPMENTS

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Spectrum Analyzer	Agilent	E4407B	MY45108040	2026.04.08	2027.04.07	1 year
2	Test Receiver	R&S	ESPI7	101318	2026.04.08	2027.04.07	1 year
3	Bilog Antenna	TESEQ	CBL6111D	31216	2026.04.08	2027.04.07	1 year
4	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2024.04.26	2027.04.25	3 year
5	Spectrum Analyzer	Agilent	E4440A	150900201	2026.04.15	2027.04.14	1 year
6	Horn Antenna	EM	EM-AH-20180	2011071402	2024.05.12	2027.05.11	3 year
7	Horn Ant	Schwarzbeck	BBHA 9170	9170-181	2024.05.12	2027.05.11	3 year
8	Amplifier	EMC	EMC051835SE	980246	2026.04.08	2027.04.07	1 year
9	Loop Antenna	ARA	PLA-2030/B	1029	2024.05.17	2027.05.16	3 year
10	Power Meter	Agilent	E4419B	MY45102538	2026.04.08	2027.04.07	1 year
11	Signal Generator	R&S	SMT 06	832080/007	2026.04.08	2027.04.07	1 year
12	Temperature & Humidity Chamber	GIANT FORCE	GTH-056P	GF-94454-1	2026.04.08	2027.04.07	1 year
14	LTE Wireless Communications Test Set	R&S	CMW500	1100.008.02	2026.04.27	2027.04.26	1 year
15	Power Splitter	Mini-Circuits	ZN2PD-63-S+	SF025101428	2026.04.08	2027.04.07	1 year
16	RF Communication Test	HP	8920B	--	2026.04.08	2027.04.07	1 year
17	Wireless Communication Test	Agilent	E5515C	--	2026.04.08	2027.04.07	1 year
18	Vibration Unit	Suzhou sushi testing instrument co.,ltd.	ST-5024AH	LRS-119	2026.04.08	2027.04.07	1 year

Note: All the equipments for Guangzhou Lisai Calibration. according to Article 24-2.Paragraph 4 of the Radio Act.

2.3 TESTENVIRONMENT/CONDITIONS

TEST CONDITIONS

The EUT was tuned to a low, middle, and high channel for all tests. For all test case pre/scans were completed in all Modes to determine worst case levels.

Power Supply Voltage Fluctuation Test

Voltage Fluctuation Test	Normal Voltage	High Voltage +10% of Normal Voltage	Low Voltage -10% of Normal Voltage
Input Power	DC 12V	DC 13.2V	DC 10.8V
Voltage Variation (%)	0%	+10%	-10%

NOTE:

Voltage Variation (%)

= (Output high or Low Voltage - Output Normal Voltage / Output Normal Voltage) * 100

During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/- 1%. Exempt extremely high and low supply voltage condition test, EUT only operated in normal voltage to test all regulations.

2.4 TEST MODE

Measurement was conducted by the following test method:

the test method of Ordinance Concerning Technical Regulations Conformity Certification etc.

of Specified Radio Equipment in Annex 1, the Ministry of Internal Affairs and Communication notification in Annex 29 of Article 88, Paragraph 1 or the test method more than equivalent.

Test Mode	Band Width	Modulation Mode	Test Channel
LTE FDD Band 1 mode	5MHz	QPSK/ 16QAM	Ch 18025
			Ch 18300
			Ch 18575
	10MHz	QPSK/ 16QAM	Ch 18050
			Ch 18300
			Ch 18550
	20MHz	QPSK/ 16QAM	Ch 18100
			Ch 18300
			Ch 18500
LTE FDD Band 3 mode	1.4MHz	QPSK/ 16QAM	Ch19207
			Ch19575
			Ch19943
	5MHz	QPSK/ 16QAM	Ch19225
			Ch19575
			Ch19925
	10MHz	QPSK/ 16QAM	Ch19250
			Ch19575
			Ch19900
	20MHz	QPSK/ 16QAM	Ch 19300
			Ch 19575
			Ch 19825
LTE FDD Band 8 mode	5MHz	QPSK/ 16QAM	Ch 21675
			Ch 21725
			Ch 21775
LTE FDD Band 28 mode	5 MHz	QPSK/ 16QAM	Ch 21750
			Ch 27385
			Ch 27510
	10 MHz	QPSK/ 16QAM	Ch 27635
			Ch 27410
			Ch 27510
	20 MHz	QPSK/ 16QAM	Ch 27610
			Ch 27460
			Ch 27510
			Ch 27560

2.5 DESCRIPTION OF PRODUCT

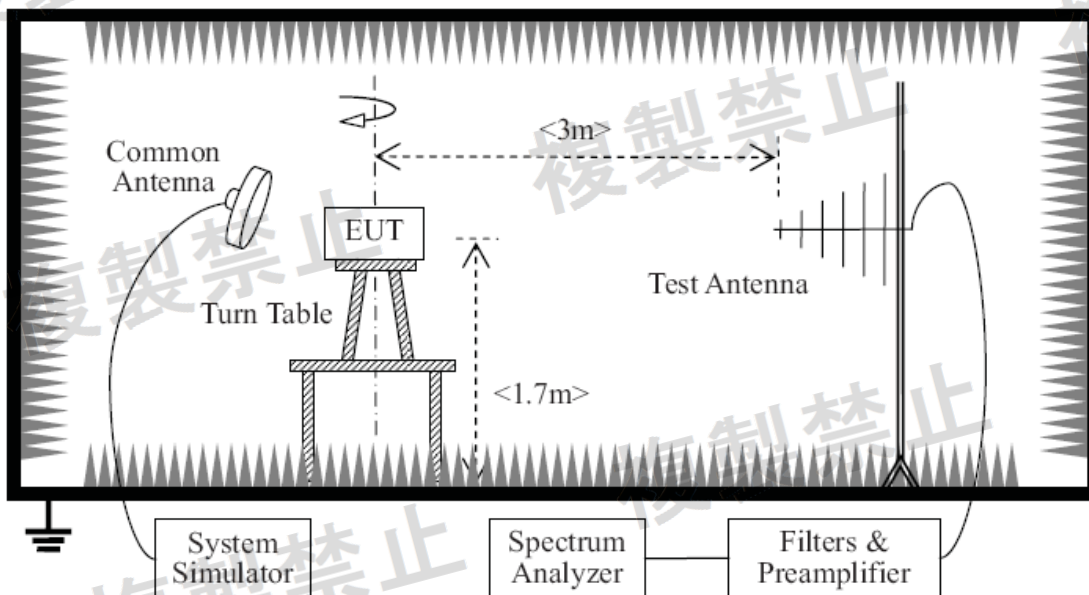
The product is a Band E-UTRA Mobile Station, operating frequencies are shown as following section 2.5.

2.6 TYPE OF EMISSIONS, FREQUENCY AND DECLARATION OUTPUT POWER TO BE TESTED

D1A, D1B, D1C, D1D, D1E, D1F, D1X, D7W, G1A, G1B, G1C, G1D, G1E, G1F, G1X, G7W(5M/10/15/20M)	
FDD1	1920 MHz to 1980 MHz, 25.72dBm
FDD3	1710MHz to 1785 MHz, 25.72dBm
FDD 8	900MHz to 915 MHz, 25.72dBm
FDD 28	718MHz to 748 MHz, 23dBm

2.7 TEST SETUP

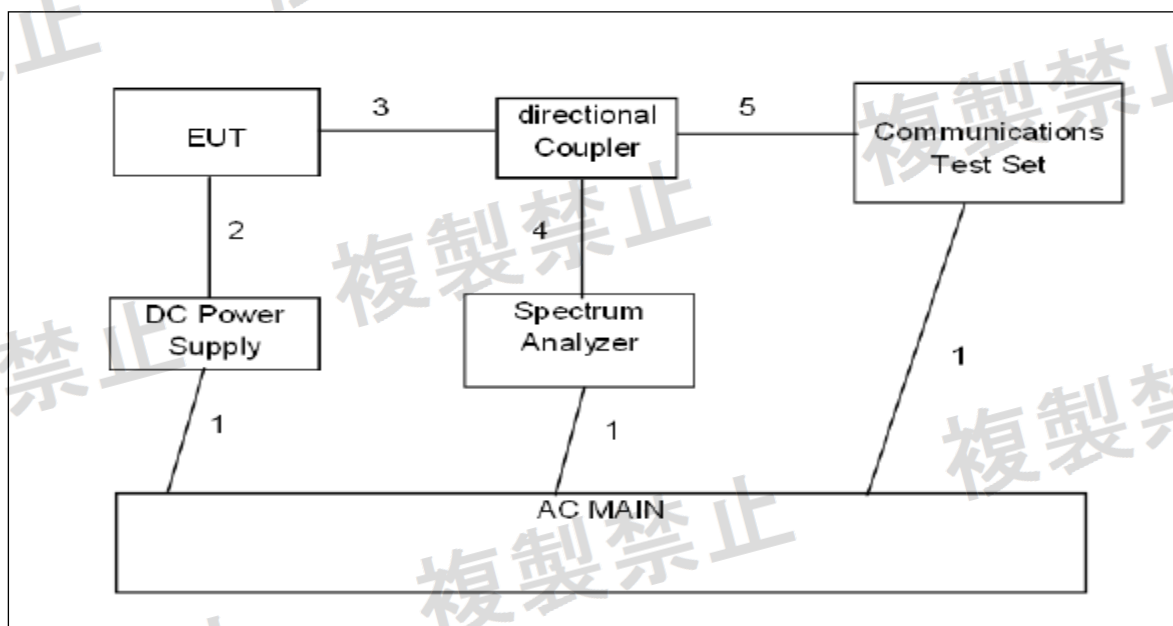
1. Radiated Spurious Emission Test Setup



The EUT, which is powered by the Battery charged with the AC Adapter, is located in a 3m Full-Anechoic Chamber; the cable loss, air loss and so on of the site as factors are pre-calibrated using the "Substitution" method, and calculated to correct the reading.

A call is established between the EUT and the SS via a Common Antenna. The EUT is commanded by the SS to operate at the maximum and minimum output power (i.e. LTE FDD band Power Control Level = 3), and only the test result of the maximum output power was recorded.

2. Conducted setup diagram for tests



3.SUMMARY OF THE REPORT

3.1 TERMS IN THE COLUMN "VERDICT" FOR THE TEST RESULTS LIST OF THIS SECTION:

Verdict	Description
PASS	EUT passed this test case
FAIL	EUT failed this test case
Decl.	"Declaration": NTEK has received documents from the applicant and/or manufacturer which show conformity to the applied standards for this test case.
N/A	Test case not applicable for the EUT, please see the column "Note" for detailed

Table 2 Test Results

The test data please refer to the APPENDIX

3.2 Performance Check (Automatic Identification, Hand Over Function, Traffic Control, Reception Characteristic Improvement, Automatic Power Control)

3.2.1 Limit

Article 2 Paragraph 1 of Item 11-19, Annex 86.

3.2.2 Test Result

Item	Result
Frequency Tolerance	Compliance
RF Output Power Tolerance	Compliance
Occupied Bandwidth	Compliance
Adjacent Channel Leakage Power	Compliance
Unwanted Emission Strength in Out-band Area	Compliance
Unwanted Emission Strength in Spurious Area	Compliance
Secondarily Emitted Radio Wave Strength	Compliance
Leakage Power at No-carrier Transmission	Compliance
Intermodulation Characteristic	Compliance
Comprehensive Operation Test	Compliance
Automatic Identification	Compliance
Hand Over Function	Compliance
Traffic Control	Compliance
Reception Characteristic Improvement	Compliance
Automatic Power Control	Compliance

4. TEST RESULT

4.1 Frequency Tolerance Measurement

4.1.1 Limit

Item	Limits	Item
Frequency Tolerance	$\leq \pm(0.1 \times f_c \times 10^{-6} + 15) \text{ Hz}$	11-(19)

Note : f_c = Centric frequency of measurement channel

4.1.2 Test Configuration

1. Turn on the wideband radiocommunication tester and set up to make EUT transmit wave required.
2. The EUT should be transmitting at 1st, 2nd and 3rd channel.

4.1.3 Measuring Instruments

See list of measuring instruments of this test report.

4.1.4 Test Procedure

Follow DSPR test method

Follow 3GPP Standard TS36.521-1 Section 6.5.1F

Testing in normal and extend environment include HT, LT, HH and Vibration. HT : High Temperature

LT : Low Temperature HH : High Humidity

a. Temperature Test

The EUT be tested in the non-operation state and while in specific condition. Leave it in the condition for 1 hour.

Measure and record the frequency error.

b. Humidity Test

The EUT be tested in the non-operation state and while in specific condition.

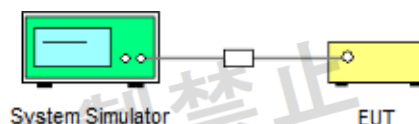
Leave it in the condition for 4 hour and confirm that the EUT back to the normal condition. Measure and record the frequency error.

c. Vibration Test

Vibrating frequency	ASD(Acceleration Spectral Density) Random Vibration
5Hz ~ 20Hz	$0.96 \text{ m}^2/\text{s}^3$
20Hz ~ 500Hz	$0.96 \text{ m}^2/\text{s}^3 \sim 0.035 \text{ m}^2/\text{s}^3$ (-3dB/Octave)

Up and down, left to right, and back and forth for 30 minutes each

4.1.5 Test Setup



4.1.6 Test Result of Frequency Tolerance

Please refer to Attachment

4.2 Antenna Power and Antenna Power Tolerance Measurement

4.2.1 Limit

Item	Limits	item
Antenna Power	$\leq 23\text{dBm}$	11-(19)
Tolerance of Antenna Power	+87% ~ -79%	11-(19)

Note;

Power Tolerance = $\{[(O.P.)-(R.O.P.)] \div (R.O.P.)\} \times 100$

O.P. : Output power R.O.P. : Rated Output Power(mW)

4.2.2 Test Configuration

1. Turn on the wideband radio communication tester and set up it to make EUT transmit wave required.
2. The EUT should be transmitting at 1st, 2nd and 3rd channel.

4.2.3 Measuring Instruments

See list of measuring instruments of this test report.

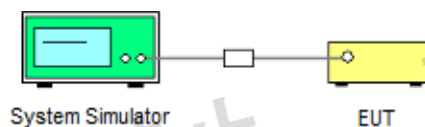
Test Procedures

Follow 3GPP Standard TS 36.521-1 Section 6.2.2F Output Power(dBm) = $P(\text{dBm}) = P_{\text{Linear}}(\text{mW})$

Declaration Output Power(mW) = $P_{\text{Declaration}}(\text{mW})$ E.I.R.P(dBm) = $P(\text{dBm}) + \text{Peak Antenna Gain(dBi)}$

Tolerance = $(P_{\text{Linear}} - P_{\text{Declaration}}(\text{mW})) / P_{\text{Declaration}}(\text{mW}) \times 100\%$

4.2.4 Test Setup



4.2.5 Test Result of RF Output Power and Output Power Tolerance

Please refer to Attachment

4.3 Occupied Bandwidth Measurement

4.3.1 Limit

Transmission System		Technical Requirement
Transmission by the "one" carrier or Simultaneous transmission by the non-continuous "multiple" carrier(*)	5MHz	5MHz
	10MHz	10MHz
	15MHz	15MHz
	20MHz	20MHz
Simultaneous transmission by the continuous "two" carrier	5MHz & 5MHz	9.8MHz
	5MHz & 10MHz	14.95MHz
	5MHz & 15MHz	19.8MHz
	10MHz & 10MHz	19.9MHz

4.3.2 Test Configuration

1. Turn on the wideband radio communication tester and set up it to make EUT transmit wave required.
2. The EUT should be transmitting at 1st, 2nd and 3rd channel.

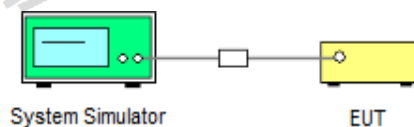
4.3.3 Measuring Instruments

See list of measuring instruments of this test report.

4.3.4 Test Procedures

Follow 3GPP Standard TS 36.521-1 Section 6.6.1F

4.3.5 Test Setup



4.3.6 Test Result of Occupied Bandwidth

Please refer to Attachment

4.4 Adjacent Channel Leakage Power Measurement

4.4.1 Limit item 11-(19)

Transmission System		Technical Requirement
Transmission by the "one" carrier or Simultaneous transmission by the non-continuous "multiple" carrier	5MHz	CF $\pm$ (3.08 - 6.92) MHz : -50dBm or -32.2dBc / 3.84MHz (*1)
		CF $\pm$ (2.75 - 7.25) MHz : -50dBm or -29.2dBc / 4.5MHz (*2)
		CF $\pm$ (8.08 - 11.92) MHz : -50dBm or -35.2dBc / 3.84MHz (*3)
	10MHz	CF $\pm$ (5.58 - 9.42) MHz : -50dBm or -32.2dBc / 3.84MHz (*1)
		CF $\pm$ (5.5 - 14.5) MHz : -50dBm or -29.2dBc / 9MHz (*2)
		CF $\pm$ (10.58 - 14.42) MHz : -50dBm or -35.2dBc / 3.84MHz (*3)
	15MHz	CF $\pm$ (8.08 - 11.92) MHz : -50dBm or -32.2dBc / 3.84MHz (*1)
		CF $\pm$ (13.08 - 16.92) MHz : -50dBm or -35.2dBc / 3.84MHz (*3)
		CF $\pm$ (8.25 - 21.75) MHz : -50dBm or -29.2dBc / 13.5MHz (*2)
	20MHz	CF $\pm$ (10.58 - 14.42) MHz : -50dBm or -32.2dBc / 3.84MHz (*1)
		CF $\pm$ (15.58 - 19.42) MHz : -50dBm or -35.2dBc / 3.84MHz (*3)
		CF $\pm$ (11 - 29) MHz : -50dBm or -29.2dBc / 18MHz (*2)

*1. It is applied to the case of frequency difference (between the multiple carrier) of "5 MHz or more".

*2. It is applied to the case of frequency difference (between the multiple carrier) of "more than occupied bandwidth of each carrier adjacent to the frequency range (between the multiple carrier)".

*3. It is applied to the case of frequency difference (between the multiple carrier) of "15 MHz or more".

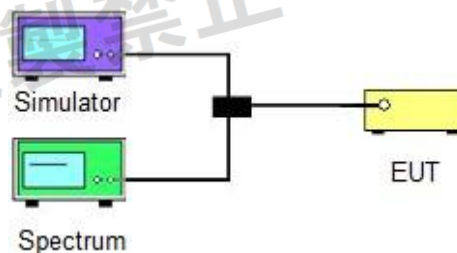
4.4.2 Measuring Instruments

See list of measuring instruments of this test report.

4.4.3 Test Procedures

Follow 3GPP Standard TS 36.521-1 Section 6.6.2.3F

4.4.4 Test Setup



4.4.5 Test Result of Adjacent Channel Leakage Power

Please refer to Attachment

4.5 Spurious Emission or Unwanted Emission Intensity 1 Measurement

4.5.1 Limit

Item 11-(19)

Transmission System		Technical Requirement
Transmission by the "one" carrier or Simultaneous transmission by the non-continuous "multiple" carrier(*)	5MHz	CF ± (2.5 - 3.5) MHz : -13.5dBm /30kHz
		CF ± (3.5 - 7.5) MHz : -8.5dBm/MHz
		CF ± (7.5 - 8.5) MHz : -11.5dBm/MHz
		CF ± (8.5 - 12.5) MHz : -23.5dBm/MHz
	10MHz	CF ± (5 - 6) MHz : -16.5dBm /30kHz
		CF ± (6 - 10) MHz : -8.5dBm/MHz
		CF ± (10 - 15) MHz : -11.5dBm/MHz
		CF ± (15 - 20) MHz : -23.5dBm/MHz
	15MHz	CF ± (7.5 - 8.5) MHz : -18.5dBm /30kHz
		CF ± (8.5 - 12.5) MHz : -8.5dBm/MHz
		CF ± (12.5 - 22.5) MHz : -11.5dBm/MHz
	20MHz	CF ± (22.5 - 27.5) MHz : -23.5dBm/MHz
		CF ± (10 - 11) MHz : -19.5dBm /30kHz
		CF ± (11 - 15) MHz : -8.5dBm/MHz
		CF ± (15 - 30) MHz : -11.5dBm/MHz
		CF ± (30 - 35) MHz : -23.5dBm/MHz
Simultaneous transmission by the continuous "two" carrier	5MHz & 5MHz	*Cf ± (4.9 - 5.9) MHz : -16.4dBm /30kHz
		*Cf ± (5.9 - 9.9) MHz : -8.5dBm/MHz
		*Cf ± (9.9 - 14.7) MHz : -11.5dBm/MHz
		*Cf ± (14.7 - 19.7) MHz : -23.5dBm/MHz
	5MHz & 10MHz	*Cf ± (7.475 - 8.475) MHz : -18.4dBm /30kHz
		*Cf ± (8.475 - 12.475) MHz : -8.5dBm/MHz
		*Cf ± (12.475 - 22.425) MHz : -11.5dBm/MHz
		*Cf ± (22.425 - 27.425) MHz : -23.5dBm/MHz
	5MHz & 15MHz	*Cf ± (9.9 - 10.9) MHz : -19.5dBm /30kHz
		*Cf ± (10.9 - 14.9) MHz : -8.5dBm/MHz
		*Cf ± (14.9 - 29.7) MHz : -11.5dBm/MHz
		*Cf ± (29.7 - 34.7) MHz : -23.5dBm/MHz
	10MHz & 10MHz	CF ± (9.95 - 10.95) MHz : -19.5dBm /30kHz
		CF ± (10.95 - 14.95) MHz : -8.5dBm/MHz
		CF ± (14.95 - 29.85) MHz : -11.5dBm/MHz
		CF ± (29.85 - 34.85) MHz : -23.5dBm/MHz

*Simultaneous transmission by the non-continuous "multiple" carrier

1. "Frequency higher than the highest frequency in the transmitting multiple carriers at same time" : It will apply the value corresponding to the transmission system of the carriers of the highest frequency.
"Frequency lower than the lowest frequency in the transmitting multiple carriers at same time" : It will apply the value corresponding to the transmission system of the carriers of the lowest frequency.
2. "Frequencies between the transmitting multiple carriers at the same time": it will apply "values for the each carriers(The value corresponding to the channel width of either carrier if the frequency ranges overlap)".

Δf : Frequency of the difference from "the end of the transmission frequency band" to "the end of the measurement band of unwanted emission".

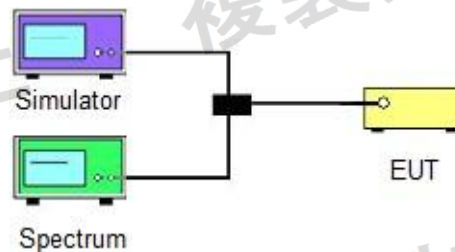
4.5.2 Measuring Instruments

See list of measuring instruments of this test report.

4.5.3 Test Procedures

Follow 3GPP Standard TS 36.521-1 Section 6.6.2.1F

4.5.4 Test Setup



4.5.5 Test Result of Unwanted Emission Strength in Out-band Area

Please refer to Attachment

4.6 Spurious Emission or Unwanted Emission Intensity 2 Measurement

4.6.1 Limit

Item 11-(19)

Frequency range	700MHz Band (718 ~ 748 MHz)	800MHz Band (815 ~ 845 MHz)	900MHz Band (900 ~ 915 MHz)	1.5GHz Band (1,427.9 ~ 1,462.9 MHz)	1.7GHz Band (1,710.0 ~ 1,750.0 MHz) (1,750.0 ~ 1,785.0 MHz)	2GHz Band (1,920.0 ~ 1,980.0 MHz)
9 kHz ~ 150 kHz	-36dBm/10kHz					
150 kHz ~ 30 MHz	-36dBm/10kHz					
30 ~ 1,000 MHz except as (*1)	-36dBm/100kHz					
470 ~ 710 MHz (*1)	-26.2dBm/6MHz	-36dBm/100kHz	-36dBm/100kHz	-36dBm/100kHz	-36dBm/100kHz	-36dBm/100kHz
773 ~ 803 MHz (*1)	-50dBm/MHz	-36dBm/100kHz	-36dBm/100kHz	-36dBm/100kHz	-50dBm/MHz	-36dBm/100kHz
860 ~ 890 MHz (*1)	-50dBm/MHz	-40dBm/MHz	-40dBm/MHz	-50dBm/MHz	-50dBm/MHz	-50dBm/MHz
945 ~ 960 MHz (*1)	-50dBm/MHz	-36dBm/100kHz	-50dBm/MHz	-36dBm/100kHz	-50dBm/MHz	-36dBm/100kHz
1,000 ~ 12,750 MHz except as (*1)	-30dBm/MHz					
1,475.9 ~ 1,496.6 MHz (*1)	-30dBm/MHz (*2) -50dBm/MHz	-50dBm/MHz	-50dBm/MHz	5MHz system : -30dBm/MHz 10MHz, 15MHz, 20MHz system : -35dBm/MHz	-50dBm/MHz	-50dBm/MHz
1,496.6 ~ 1,510.9 MHz (*1)	-50dBm/MHz	-50dBm/MHz	-50dBm/MHz	5MHz system : -30dBm/MHz 10MHz, 15MHz, 20MHz system : -35dBm/MHz	-50dBm/MHz	-50dBm/MHz
1,805.0 ~ 1,845.0 MHz (*1)	-30dBm/MHz	-30dBm/MHz	-30dBm/MHz	-30dBm/MHz	-50dBm/MHz	-30dBm/MHz
1,845.0 ~ 1,880.0 MHz (*1)	-50dBm/MHz					
1,884.5 ~ 1,915.7 MHz (*1)	-41dBm/300kHz					
2,010.0 ~ 2,025.0 MHz (*1)	-50dBm/MHz					
2,110.0 ~ 2,153.6 MHz (*1)	-50dBm/MHz					
2,153.6 ~ 2,170.0 MHz (*1)	-30dBm/MHz (*3) -50dBm/MHz	-50dBm/MHz	-50dBm/MHz	-50dBm/MHz	-50dBm/MHz	-50dBm/MHz
3,400.0 ~ 3,419.4 MHz (*1)	-30dBm/MHz	-30dBm/MHz	-30dBm/MHz	-30dBm/MHz	-50dBm/MHz	-30dBm/MHz
3,500.6 ~ 3,600.0 MHz (*1)	-30dBm/MHz	-30dBm/MHz	-30dBm/MHz	-30dBm/MHz	-50dBm/MHz	-30dBm/MHz

Note1, Transmission by the "one" carrier

*5MHz System : applies to the frequency range of over 12.5 MHz from center frequency. However,(*1) is excluded.

*10MHz System : applies to the frequency range of over 20.0 MHz from center frequency. However,(*1) is excluded.

*15MHz System : applies to the frequency range of over 27.5 MHz from center frequency. However,(*1) is excluded.

*20MHz System : applies to the frequency range of over 35.0 MHz from center frequency. However,(*1) is excluded.

(*2) When 737.95 ~ 748.0MHz is used

(*3) When 718.0 ~ 723.33MHz is used

Note2, Simultaneous transmission by the continuous "two" carrier

*5MHz & 5MHz : applies to the frequency range of over 19.7 MHz from the center frequency (The sum of the frequency band of a continuous carrier). However,(*1) is excluded.

*5MHz & 10MHz : applies to the frequency range of over 27.425 MHz from the center frequency (The sum of the frequency band of a continuous carrier). However,(*1) is excluded.

*5MHz & 15MHz : applies to the frequency range of over 34.7 MHz from the center frequency (The sum of the frequency band of a continuous carrier). However,(*1) is excluded.

*10MHz & 10MHz : applies to the frequency range of over 34.85 MHz from the center frequency (The sum of the frequency band of a continuous carrier). However,(*1) is excluded.

Note3, Simultaneous transmission by the non-continuous "multiple" carrier

Applies the allowable value of this table to each carrier (if the frequency ranges overlap : The value of either carrier). However, it does not apply to the case of overlap in the frequency range of "Unwanted Emission Strength / Outband Area" was according to the channel spacing of the other carrier in the transmitting multiple carriers at the same time.

4.6.2 Measuring Instruments

See list of measuring instruments of this test report.

4.6.3 Test Procedures

Follow 3GPP Standard TS 36.521-1 Section 6.6.3F

4.6.4 Test Setup**4.6.5** Test Result of Unwanted Emission Strength in Spurious Area

Please refer to Attachment

4.7 Secondary Radiated Emission Strength

4.7.1 Limit

tem 11-(19)

Frequency	Limits
30 ~ 1000 MHz	-57 dBm/100kHz or less
1 ~ 12.75 GHz	-47 dBm/1MHz or less

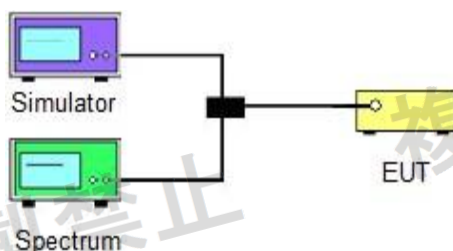
4.7.2 Measuring Instruments

See list of measuring instruments of this test report.

4.7.3 Test Procedures

Follow DSPR test method

4.7.4 Test Setup



4.7.5 Test Result of Secondarily Emitted Radio Wave Strength

Please refer to Attachment

4.8 Leakage Power at No-carrier Transmission Measurement

4.8.1 Limit

Item 11-(19)

Item	Limit
Leakage Power at No-carrier Transmission	Channel interval 5MHz : -48.5dBm/4.5MHz Channel interval 10MHz : -48.5dBm/9MHz Channel interval 15MHz : -48.5dBm/13.5MHz Channel interval 20MHz : -48.5dBm/18MHz

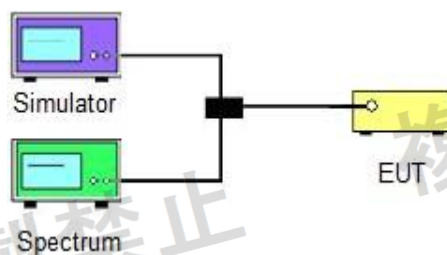
4.8.2 Measuring Instruments

See list of measuring instruments of this test report.

4.8.3 Test Procedures

Follow 3GPP Standard TS 36.521-1 Section 6.3.3F

4.8.4 Test Setup



4.8.5 Test Result of Leakage Power at No-carrier Transmission

Please refer to Attachment

4.9 Comprehensive Operation Test

4.9.1 Limit

a. Automatic identification function

The transmitter of each land mobile station communicating with a base station shall be identified automatically by a base station

b. Automatic channel switching function

It is preformed that has automatically channel switching communicating channel from base station to other base station.

c. Traffic control function

The area in accordance is provided for the service of base station. The area resulting electric field strength required to provide for the service. It can be subdivided to match the traffic of the area.

d. Automatic power control function

Based on the control information from the base station or the measurement of the received power of the radio wave from the base station, It has a function for automatically controlling that antenna power is the minimum.

4.9.2 Measuring Instruments

See list of measuring instruments of this test report.

4.9.3 Test Result of Comprehensive Operation Test

Please refer to Attachment

END OF REPORT