



RADIO TEST REPORT

For

Shenzhen Huafurui Technology Co., Ltd.

Tablet

Test Model: TAB KINGKONG S

Prepared for : Shenzhen Huafurui Technology Co., Ltd.
Address : Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.
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Date of receipt of test sample : June 04, 2025
Number of tested samples : 2
Sample No. : A250603038-1, A250603038-2
Serial number : Prototype
Date of Test : June 04, 2025 ~ July 07, 2025
Date of Report : July 11, 2025



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RADIO TEST REPORT	
ETSI EN 301 908-1 V15.2.1 (2023-01) & ETSI EN 301 908-13 V13.3.1 (2024-10)	
Report Reference No.	LCSA06035052EJ
Date of Issue	July 11, 2025
Testing Laboratory Name	Shenzhen LCS Compliance Testing Laboratory Ltd.
Address	Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Testing Location/ Procedure	Full application of Harmonised standards <input checked="" type="checkbox"/> Partial application of Harmonised standards <input type="checkbox"/> Other standard testing method <input type="checkbox"/>
Applicant's Name	Shenzhen Huafurui Technology Co., Ltd.
Address	Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China
Test Specification	
Standard	ETSI EN 301 908-1 V15.2.1 (2023-01) ETSI EN 301 908-13 V13.3.1 (2024-10)
Test Report Form No.	TRF-4-E-142 A/0
TRF Originator	Shenzhen LCS Compliance Testing Laboratory Ltd.
Master TRF	Dated 2017-06
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Test Item Description : Tablet	
Trade Mark	CUBOT
Test Model	TAB KINGKONG S
Ratings	Please Refer to Page 6
Result	Pass

Compiled by:

Diamond Lu/ Administrator

Supervised by:

Jack Liu/ Technique principal

Approved by:

Gavin Liang/ Manager



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RADIO -- TEST REPORT

Test Report No. : LCSA06035052EJ	July 11, 2025 Date of issue
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Test Model.....	: TAB KINGKONG S
EUT.....	: Tablet
Applicant.....	: Shenzhen Huafurui Technology Co., Ltd.
Address.....	: Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China
Telephone.....	: /
Fax.....	: /
Manufacturer.....	: Shenzhen Huafurui Technology Co., Ltd.
Address.....	: Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China
Telephone.....	: /
Fax.....	: /
Factory.....	: Shenzhen Huafurui Technology Co., Ltd.
Address.....	: Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China
Telephone.....	: /
Fax.....	: /

Test Result	Pass
-------------	------

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.



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Revision History

Report Version	Issue Date	Revision Content	Revised By
000	July 11, 2025	Initial Issue	---



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TABLE OF CONTENTS

1. GENERAL INFORMATION	6
1.1. PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	6
1.2. SUPPORT EQUIPMENT LIST	10
1.3. EXTERNAL I/O	10
1.4. OBJECTIVE	10
1.5. TEST CONDITIONS	11
1.6. DESCRIPTION OF TEST MODE	11
1.7. MEASUREMENT UNCERTAINTY (95% CONFIDENCE LEVELS, K=2)	12
1.8. DESCRIPTION OF TEST FACILITY	12
2. SYSTEM TEST CONFIGURATION	13
2.1. JUSTIFICATION	13
2.2. EUT EXERCISE SOFTWARE	13
2.3. SPECIAL ACCESSORIES	13
2.4. BLOCK DIAGRAM/SCHEMATICS	13
2.5. EQUIPMENT MODIFICATIONS	13
2.6. TEST SETUP	13
3. SUMMARY OF TEST RESULTS	14
4. LIST OF MEASURING EQUIPMENT	17
5. PHOTOGRAPHS OF TEST SETUP	18
6. PHOTOGRAPHS OF THE EUT	18



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1. GENERAL INFORMATION

1.1. Product Description for Equipment Under Test (EUT)

EUT	: Tablet
Test Model	: TAB KINGKONG S
Ratings	: Adapter1 Model: HJ-PD33W-EU For AC Adapter Input: 100-240V~, 50/60Hz, 0.8A Adapter Output: 5.0V=3.0A 15.0W OR 9.0V=3.0A 27.0W OR 12.0V=2.75A 33.0W MAX Adapter2 Model: TPD-203G200170VF01 For AC Adapter Input: 100-240V~, 50/60Hz, 0.6A Adapter Output: 5V=3A 9V=3A 12V=2.5A 15V=2A 20V=1.5A PPS: 3.3V-16V/2A 3.3V-11V/3A Total output power: 33W Max DC 3.87V by Rechargeable Li-ion Battery, 15300mAh
Hardware Version	: T30D-UF-V1.1
Software Version	: CUBOT_TAB_KINGKONG_S_P121C_V01
Bluetooth	:
Frequency Range	: 2402MHz~2480MHz
Channel Number	: 79 channels for Bluetooth V5.0 (BDR/EDR) 40 channels for Bluetooth V5.0 (BT LE/ BT 2LE)
Channel Spacing	: 1MHz for Bluetooth V5.0 (BDR/EDR) 2MHz for Bluetooth V5.0 (BT LE/ BT 2LE)
Modulation Type	: GFSK, $\pi/4$ -DQPSK, 8-DPSK for Bluetooth V5.0 (BDR/EDR) GFSK for Bluetooth V5.0 (BT LE/ BT 2LE)
Bluetooth Version	: V5.0
Antenna Description	: PIFA Antenna, -1.3dBi(Max.)
WIFI(2.4G Band)	:
Frequency Range	: 2412MHz~2472MHz
Channel Number	: 13 Channel for 20MHz bandwidth(2412~2472MHz) 9 channels for 40MHz bandwidth(2422~2462MHz)
Channel Spacing	: 5MHz
Modulation Type	: 802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g/n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: PIFA Antenna, -1.3dBi(Max.)
WIFI(5.2G Band)	:
Frequency Range	: 5180MHz~5240MHz
Channel Number	: 4 channels for 20MHz bandwidth(5180~5240MHz) 2 channels for 40MHz bandwidth(5190~5230MHz)





	1 channels for 80MHz bandwidth(5210MHz)
Modulation Type	: 802.11a/n: OFDM (64QAM, 16QAM, QPSK, BPSK) 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: PIFA Antenna, 1.5dBi(Max.)
WIFI(5.8G Band)	:
Frequency Range	: 5745MHz~5825MHz
Channel Number	: 5 channels for 20MHz bandwidth(5745~5825MHz) 2 channels for 40MHz bandwidth(5755~5795MHz) 1 channels for 80MHz bandwidth(5775MHz)
Modulation Type	: 802.11a/n: OFDM (64QAM, 16QAM, QPSK, BPSK) 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: PIFA Antenna, 1.5dBi(Max.)
2G	:
Support Band	: <input checked="" type="checkbox"/> GSM 900 (EU-Band) <input checked="" type="checkbox"/> DCS 1800 (EU-Band) <input checked="" type="checkbox"/> GSM 850 (U.S.-Band) <input checked="" type="checkbox"/> PCS 1900 (U.S.-Band)
Release Version	: R99
GPRS Class	: Class 12
EGPRS Class	: Class 12
Uplink	: GSM 900: 880MHz~915MHz DCS 1800: 1710MHz~1785MHz
Downlink	: GSM 900: 925MHz~960MHz DCS 1800: 1805MHz~1880MHz
Type Of Modulation	: GMSK for GSM/GPRS; 8PSK for EGPRS
Antenna Description	: PIFA Antenna -1.5dBi (max.) For GSM 900 -0.7dBi (max.) For DCS 1800
Power Class	: GSM 900: Level 5, DCS 1800: Level 0 EGPRS 900: Level 8, EGPRS 1800: Level 2
3G	:
Support Band	: <input checked="" type="checkbox"/> WCDMA Band I (EU-Band) <input checked="" type="checkbox"/> WCDMA Band VIII (EU-Band)
Release Version	: R8
Uplink	: WCDMA Band I: 1920MHz~1980MHz WCDMA Band VIII: 880MHz~915MHz
Downlink	: WCDMA Band I: 2110MHz~2170MHz WCDMA Band VIII: 925MHz~960MHz
Type Of Modulation	: QPSK/16QAM
Antenna Description	: PIFA Antenna 1.6dBi (max.) For WCDMA Band I -1.5dBi (max.) For WCDMA Band VIII





Power Class : Level 3

LTE :

Support Band : ☒ E-UTRA Band 1(EU-Band)
☒ E-UTRA Band 3(EU-Band)
☒ E-UTRA Band 7(EU-Band)
☒ E-UTRA Band 8(EU-Band)
☒ E-UTRA Band 20(EU-Band)
☒ E-UTRA Band 28(EU-Band)
☒ E-UTRA Band 38(EU-Band)
☒ E-UTRA Band 40(EU-Band)

LTE Release Version : R8

FDD Band : Uplink: E-UTRA Band 1: 1920MHz~1980MHz
E-UTRA Band 3: 1710MHz~1785MHz
E-UTRA Band 7: 2500MHz~2570MHz
E-UTRA Band 8: 880MHz~915MHz
E-UTRA Band 20: 832MHz~862MHz
E-UTRA Band 28: 703MHz~748MHz
Downlink: E-UTRA Band 1: 2110MHz~2170MHz
E-UTRA Band 3: 1805MHz~1880MHz
E-UTRA Band 7: 2620MHz~2690MHz
E-UTRA Band 8: 925MHz~960MHz
E-UTRA Band 20: 791MHz~821MHz
E-UTRA Band 28: 758MHz~803MHz
TDD Band : E-UTRA Band 38: 2570MHz~2620MHz
E-UTRA Band 40: 2300MHz~2400MHz

Type Of Modulation : QPSK/16QAM

Antenna Description : PIFA Antenna
1.6dBi (max.) For E-UTRA Band 1
-0.7dBi (max.) For E-UTRA Band 3
0.1dBi (max.) For E-UTRA Band 7
-1.5dBi (max.) For E-UTRA Band 8
-1.9dBi (max.) For E-UTRA Band 20
-3.6dBi (max.) For E-UTRA Band 28
-0.6dBi (max.) For E-UTRA Band 38
0.7dBi (max.) For E-UTRA Band 40

Power Class : Class 3

GPS Receiver :

Receive Frequency : 1575.42MHz

Channel Number : 1

Antenna Description : PIFA Antenna, 0.6dBi(Max.)

GLONASS Receiver :





Receive Frequency : 1602.5625MHz
Channel Number : 1
Antenna Description : PIFA Antenna, 0.6dBi(Max.)
Galileo Receiver :
Receive Frequency : 1589.74MHz
Channel Number : 1
Antenna Description : PIFA Antenna, 0.6dBi(Max.)
BDS Receiver :
Receive Frequency : 1561.098MHz
Channel Number : 1
Antenna Description : PIFA Antenna, 0.6dBi(Max.)
SBAS Receiver :
Receive Frequency : 1575.42MHz
Channel Number : 1
Antenna Description : PIFA Antenna, 0.6dBi(Max.)





1.2. Support Equipment List

Manufacturer	Description	Model	Serial Number	Certificate
Shenzhen Huafului Technology Co., Ltd	Fast Charger	HJ-PD33W-EU	--	CE
SHENZHEN TIANYIN ELECTRONICS CO.,LTD.	AC Adapter	TPD-203G200170V F01	--	CE

1.3. External I/O

I/O Port Description	Quantity	Cable
Type-C USB Port	1	USB Cable: 1.0m, unshielded Earphone Cable: 1.2m, unshielded

1.4. Objective

Standard Referenced	Standard Title	Standard Version
ETSI EN 301 908-1	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements; Release 15	V15.2.1 (2023-01)
ETSI EN 301 908-13	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE)	V13.3.1 (2024-10)
ETSI TS 136 521-1	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Conformance testing (3GPP TS 36.521-1 version 17.7.0 Release 17)	V17.7.0 (2023-07)

The objective is to determine compliance with ETSI EN 301 908-1 V15.2.1 (2023-01) & ETSI EN 301 908-13 V13.3.1 (2024-10).



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1.5. Test Conditions

Conditions	Temperature	Voltage
Normal	21-25°C	DC 3.87V
Low extreme Temperature/Low extreme Voltage (TL/VL);	-10°C	DC 3.0V
Low extreme Temperature/High extreme Voltage (TL/VH);	-10°C	DC 4.45V
High extreme Temperature/Low extreme Voltage (TH/VL);	+45°C	DC 3.0V
High extreme Temperature/High extreme Voltage (TH/VH).	+45°C	DC 4.45V
Note1: For all conditions, the humidity range is: 40-75%, the pressure range is 86-106kPa. The High Voltage DC 4.45V and Low Voltage DC 3.0V was declared by manufacturer		

1.6. Description Of Test Mode

The following operating modes were applied for the related test items. For radiated measurement, the test was performed with EUT in X, Y, Z position and the worse case was found when EUT in Y position. All test modes were tested, only the result of the worst case was recorded in the report.

Band	Bandwidth (MHz)						Modulation		RB #			Test Channel		
	1.4	3	5	10	15	20	QPSK	16QAM	1	Part	Full	L	M	H
1	N/A	N/A	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	/	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y
7	N/A	N/A	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y
8	Y	/	Y	Y	N/A	N/A	Y	Y	Y	Y	Y	Y	Y	Y
20	N/A	N/A	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y
28	N/A	Y	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y
38	N/A	N/A	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y
40	N/A	N/A	Y	/	/	Y	Y	Y	Y	Y	Y	Y	Y	Y

Note:

- 1)The mark “Y” means that this configuration is chosen for testing.
- 2)The mark “/” means that this bandwidth is supported but is not chosen for testing.
- 3)The mark “N/A” means that this bandwidth is not supported.



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1.7. Measurement Uncertainty (95% confidence levels, k=2)

Test Item		Uncertainty
Radio Frequency	:	0.9×10^{-4}
Total RF Power, Conducted	:	1.0 dB
RF Power Density, Conducted	:	1.8 dB
Spurious Emissions, Conducted	:	1.8 dB
All Emissions, Radiated	:	3.1 dB
Temperature	:	0.5°C
Humidity	:	1 %
DC And Low Frequency Voltages	:	1 %

1.8. Description of Test Facility

NVLAP Accreditation Code is 600167-0.

FCC Designation Number is CN5024.

CAB identifier is CN0071.

CNAS Registration Number is L4595.



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2. SYSTEM TEST CONFIGURATION

2.1. Justification

N/A

2.2. EUT Exercise Software

N/A

2.3. Special Accessories

The special accessories were supplied by Shenzhen LCS Compliance Testing Laboratory Ltd.

2.4. Block Diagram/Schematics

Please refer to the related document.

2.5. Equipment Modifications

Shenzhen LCS Compliance Testing Laboratory Ltd. has not done any modification on the EUT.

2.6. Test Setup

Please refer to the test setup photo.





3. SUMMARY OF TEST RESULTS

Test Engineer	:	Sean Huang
Temperature/ Humidity:	:	24.1°C/ 53.9%

Reference Clause No. (ETSI EN 301 908-13)	Description of Test Items	Result					
		E-UTRA Band					
		Band 1	Band 3	Band 7	Band 8	Band 20	Band 28
4.2.2	Transmitter Maximum Output Power						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VH	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VH	Pass	Pass	Pass	Pass	Pass	Pass
4.2.5	Transmitter Minimum Output Power						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VH	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VH	Pass	Pass	Pass	Pass	Pass	Pass
4.2.3	Transmitter Spectrum Emission Mask						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.11	Transmitter Adjacent Channel Leakage Power Ratio						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VH	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VH	Pass	Pass	Pass	Pass	Pass	Pass
4.2.4	Transmitter Spurious Emissions						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.10	Receiver Spurious Emissions						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.6	Receiver Adjacent Channel Selectivity (ACS)						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.7	Receiver Blocking Characteristics						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.8	Receiver Spurious Response						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.9	Receiver Intermodulation Characteristics						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass



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4.2.12	Receiver Reference Sensitivity Level						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TL/VH	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VL	Pass	Pass	Pass	Pass	Pass	Pass
	TH/VH	Pass	Pass	Pass	Pass	Pass	Pass

Reference Clause No. (ETSI EN 301 908-1)	Description of Test Items	Result					
		E-UTRA Band					
		Band 1	Band 3	Band 7	Band 8	Band 20	Band 28
4.2.2	Radiated emissions (UE)						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass
4.2.4	Control and monitoring functions (UE)						
	Normal	Pass	Pass	Pass	Pass	Pass	Pass

Reference Clause No. (ETSI EN 301 908-13)	Description of Test Items	Result	
		E-UTRA Band	
		Band 38	Band 40
4.2.2	Transmitter Maximum Output Power		
	Normal	Pass	Pass
	TL/VL	Pass	Pass
	TL/VH	Pass	Pass
	TH/VL	Pass	Pass
	TH/VH	Pass	Pass
4.2.5	Transmitter Minimum Output Power		
	Normal	Pass	Pass
	TL/VL	Pass	Pass
	TL/VH	Pass	Pass
	TH/VL	Pass	Pass
	TH/VH	Pass	Pass
4.2.3	Transmitter Spectrum Emission Mask		
	Normal	Pass	Pass
4.2.11	Transmitter Adjacent Channel Leakage Power Ratio		
	Normal	Pass	Pass
	TL/VL	Pass	Pass
	TL/VH	Pass	Pass
	TH/VL	Pass	Pass
	TH/VH	Pass	Pass
4.2.4	Transmitter Spurious Emissions		
	Normal	Pass	Pass
4.2.10	Receiver Spurious Emissions		





	Normal	Pass	Pass
4.2.6	Receiver Adjacent Channel Selectivity (ACS)		
	Normal	Pass	Pass
4.2.7	Receiver Blocking Characteristics		
	Normal	Pass	Pass
4.2.8	Receiver Spurious Response		
	Normal	Pass	Pass
4.2.9	Receiver Intermodulation Characteristics		
	Normal	Pass	Pass
4.2.12	Receiver Reference Sensitivity Level		
	Normal	Pass	Pass
	TL/VL	Pass	Pass
	TL/VH	Pass	Pass
	TH/VL	Pass	Pass
	TH/VH	Pass	Pass
4.2.2	Radiated emissions (UE)		
	Normal	Pass	Pass
4.2.4	Control and monitoring functions (UE)		
	Normal	Pass	Pass

Reference Clause No. (ETSI EN 301 908-1)	Description of Test Items	Result	
		E-UTRA Band	
		Band 38	Band 40
4.2.2	Radiated emissions (UE)		
	Normal	Pass	Pass
4.2.4	Control and monitoring functions (UE)		
	Normal	Pass	Pass

***Note:

Result: Describes test result of Test Case.

Pass: Test Case passed on specified conformance test platform.

Normal(TN/VN): Normal temperature – 25°C; Normal voltage. – DC 3.87V

TH: High extreme Temperature – +45°C

VH: High extreme Voltage – DC 4.45V

TL: Low extreme Temperature – -10°C

VL: Low extreme Voltage – DC 3.0V

N/A: Not applicable.

—: Not test.



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4. LIST OF MEASURING EQUIPMENT

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	LTE Test Software	Tonscend	JS1120-1	N/A	N/A	N/A
2	RF Control Unit	Tonscend	JS0806-1	158060009	2024-11-08	2025-11-07
3	MXA Signal Analyzer	Agilent	N9020A	MY51250905	2024-10-08	2025-10-07
4	DC Power Supply	Agilent	E3642A	N/A	2024-10-08	2025-10-07
5	MXG Vector Signal Generator	Agilent	N5182A	MY47071151	2025-05-22	2026-05-21
6	PSG Analog Signal Generator	Agilent	E8257D	MY4520521	2025-05-22	2026-05-21
7	Temperature & Humidity Chamber	Baro	/	/	2025-05-22	2026-05-21
8	EMI Test Software	Farad	EZ	/	N/A	N/A
9	3m Full Anechoic Chamber	MRDIANZI	FAC-3M	MR009	2022-08-17	2025-08-16
10	Positioning Controller	Max-Full	MF7802BS	MF780208586	N/A	N/A
11	Active Loop Antenna	SCHWARZBECK	FMZB 1519B	00005	2024-07-13	2027-07-12
12	By-log Antenna	SCHWARZBECK	VULB9163	9163-470	2024-08-03	2027-08-02
13	Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1925	2024-07-13	2027-07-12
14	Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	791	2024-07-13	2027-07-12
15	Broadband Preamplifier	SCHWARZBECK	BBV9719	9719-025	2024-07-30	2027-07-29
16	EMI Test Receiver	R&S	ESR 7	101181	2025-05-22	2026-05-21
17	RS SPECTRUM ANALYZER	R&S	FSP40	100503	2025-05-22	2026-05-21
18	Low-frequency amplifier	SchwarzZBECK	BBV9745	00253	2024-10-08	2025-10-07
19	High-frequency amplifier	JS Denki Pte	PA0118-43	JSPA21009	2024-10-08	2025-10-07
20	WIDEBAND RADIO COMMUNICATION TESTER	R&S	CMW 500	103818	2025-05-22	2026-05-21
21	RF Filter	Micro-Tronics	BRC50718	017	2024-10-08	2025-10-07
22	RF Filter	Micro-Tronics	BRC50719	011	2024-10-08	2025-10-07
23	RF Filter	Micro-Tronics	BRC50720	011	2024-10-08	2025-10-07
24	RF Filter	Micro-Tronics	BRC50721	013	2024-10-08	2025-10-07
25	RF Filter	Micro-Tronics	BRM50702	195	2025-05-22	2026-05-21
26	6dB Attenuator	/	100W/6dB	1172040	2025-05-22	2026-05-21
27	3dB Attenuator	/	2N-3dB	/	2024-10-08	2025-10-07



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5. PHOTOGRAPHS OF TEST SETUP

Please refer to separated files Appendix D for Photographs of Test Setup_RF.

6. PHOTOGRAPHS OF THE EUT

Please refer to separated files Appendix C for Photographs of The EUT.





Annex A

Transmitter maximum output power

The Conducted Power Measurement Result for LTE Band					
Test Result for LTE Band 1					
Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
5MHz	Low Range	1	1RB#0	22.26	20.3~25.7
			8RB#0	22.03	20.3~25.7
	Mid Range	1	1RB#0	21.99	20.3~25.7
			8RB#0	21.99	20.3~25.7
	High Range	1	1RB#24	21.71	20.3~25.7
			8RB#17	21.71	20.3~25.7
20MHz	Low Range	1	1RB#0	22.21	20.3~25.7
			18RB#0	22.07	20.3~25.7
	Mid Range	1	1RB#0	22.13	20.3~25.7
			18RB#0	22.11	20.3~25.7
	High Range	1	1RB#99	21.81	20.3~25.7
			18RB#82	21.70	20.3~25.7

The Conducted Power Measurement Result for LTE Band					
Test Result for LTE Band 3					
Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
1.4MHz	Low Range	1	1RB#0	22.44	20.3~25.7
	Mid Range	1	1RB#0	22.26	20.3~25.7
	High Range	1	1RB#0	22.48	20.3~25.7
			5RB#0	22.44	20.3~25.7
5MHz	Low Range	1	1RB#0	22.43	20.3~25.7
			1RB#24	22.33	20.3~25.7
	Mid Range	1	1RB#0	22.40	20.3~25.7
			1RB#24	22.44	20.3~25.7
	High Range	1	1RB#0	22.42	20.3~25.7
			1RB#24	22.48	20.3~25.7
20MHz	Low Range	1	8RB#0	22.47	20.3~25.7
			1RB#0	22.53	20.3~25.7
	Mid Range	1	1RB#99	22.69	20.3~25.7
			1RB#0	22.76	20.3~25.7
	High Range	1	1RB#99	22.45	20.3~25.7
			1RB#0	22.66	20.3~25.7
			1RB#99	22.57	20.3~25.7
			18RB#0	22.32	20.3~25.7





The Conducted Power Measurement Result for LTE Band					
Test Result for LTE Band 7					
Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
5MHz	Low Range	1	1RB#0	22.04	20.3~25.7
			1RB#24	22.03	20.3~25.7
	Mid Range	1	1RB#0	22.25	20.3~25.7
			1RB#24	22.15	20.3~25.7
	High Range	1	1RB#0	21.93	20.3~25.7
			1RB#24	21.97	20.3~25.7
20MHz	Low Range	1	1RB#0	22.16	20.3~25.7
			1RB#99	22.10	20.3~25.7
	Mid Range	1	1RB#0	22.41	20.3~25.7
			1RB#99	22.17	20.3~25.7
	High Range	1	1RB#0	21.98	20.3~25.7
			1RB#99	22.13	20.3~25.7
			18RB#0	21.88	20.3~25.7

The Conducted Power Measurement Result for LTE Band					
Test Result for LTE Band 8					
Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
1.4MHz	Low Range	1	1RB#0	23.32	20.3~25.7
	Mid Range	1	1RB#0	22.84	20.3~25.7
	High Range	1	1RB#0	23.11	20.3~25.7
			5RB#0	23.16	20.3~25.7
5MHz	Low Range	1	1RB#0	23.20	20.3~25.7
			1RB#24	23.13	20.3~25.7
	Mid Range	1	1RB#0	22.96	20.3~25.7
			1RB#24	22.62	20.3~25.7
	High Range	1	1RB#0	23.15	20.3~25.7
			1RB#24	23.14	20.3~25.7
10MHz	Low Range	1	1RB#0	23.16	20.3~25.7
			1RB#49	23.16	20.3~25.7
	Mid Range	1	1RB#0	23.17	20.3~25.7
			1RB#49	22.90	20.3~25.7
	High Range	1	1RB#0	23.21	20.3~25.7
			1RB#49	23.12	20.3~25.7
			12RB#0	23.12	20.3~25.7



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The Conducted Power Measurement Result for LTE Band

Test Result for LTE Band 20

Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
5MHz	Low Range	1	1RB#0	23.27	20.3~25.0
			1RB#24	23.23	20.3~25.0
	Mid Range	1	1RB#0	22.89	20.3~25.0
			1RB#24	23.05	20.3~25.0
	High Range	1	1RB#0	23.05	20.3~25.0
			1RB#24	23.03	20.3~25.0
20MHz	Low Range	1	1RB#0	23.25	20.3~25.0
			1RB#99	23.04	20.3~25.0
	Mid Range	1	1RB#0	23.10	20.3~25.0
			1RB#99	22.99	20.3~25.0
	High Range	1	1RB#0	23.17	20.3~25.0
			1RB#99	23.10	20.3~25.0
			18RB#0	23.14	20.3~25.0

The Conducted Power Measurement Result for LTE Band

Test Result for LTE Band 28

Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
3MHz	Low Range	1	1RB#0	23.01	19.8~25
			4RB#0	23.10	19.8~25
	Mid Range	1	1RB#0	23.12	19.8~25
			4RB#0	23.01	19.8~25
	High Range	1	1RB#14	23.01	19.8~25
			4RB#11	23.11	19.8~25
5MHz	Low Range	1	1RB#0	23.19	19.8~25
			8RB#0	23.00	19.8~25
	Mid Range	1	1RB#0	23.06	19.8~25
			8RB#0	23.14	19.8~25
	High Range	1	1RB#24	23.10	19.8~25
			8RB#17	23.09	19.8~25
20MHz	Low Range	1	1RB#0	23.27	19.8~25
			18RB#0	23.09	19.8~25
	Mid Range	1	1RB#0	23.05	19.8~25
			18RB#0	23.09	19.8~25
	High Range	1	1RB#99	22.99	19.8~25
			18RB#82	22.89	19.8~25



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The Conducted Power Measurement Result for LTE Band

Test Result for LTE Band 38

Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
5MHz	Low Range	1	1RB#0	22.07	20.3~25.7
			8RB#0	22.18	20.3~25.7
	Mid Range	1	1RB#0	22.25	20.3~25.7
			8RB#0	22.23	20.3~25.7
	High Range	1	1RB#24	22.12	20.3~25.7
			8RB#17	22.19	20.3~25.7
20MHz	Low Range	1	1RB#0	21.89	20.3~25.7
			18RB#0	22.21	20.3~25.7
	Mid Range	1	1RB#0	22.24	20.3~25.7
			18RB#0	22.28	20.3~25.7
	High Range	1	1RB#99	22.00	20.3~25.7
			18RB#82	22.07	20.3~25.7

The Conducted Power Measurement Result for LTE Band

Test Result for LTE Band 40

Channel Bandwidth	Channel	RB Allocation		Average Power (dBm, QPSK)	Limit (dBm)
		RB Size	RB Offset		
5MHz	Low Range	1	1RB#0	21.98	20.3~25.0
			8RB#0	22.04	20.3~25.0
	Mid Range	1	1RB#0	21.67	20.3~25.0
			8RB#0	21.62	20.3~25.0
	High Range	1	1RB#24	21.71	20.3~25.0
			8RB#17	21.61	20.3~25.0
20MHz	Low Range	1	1RB#0	21.90	20.3~25.0
			18RB#0	21.97	20.3~25.0
	Mid Range	1	1RB#0	21.83	20.3~25.0
			18RB#0	21.79	20.3~25.0
	High Range	1	1RB#99	21.51	20.3~25.0
			18RB#82	21.79	20.3~25.0



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Annex of Radiated spurious emission

Radiated spurious emissions - MS allocated a channel(Worst Case)

LTE Band 1(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.29	Horizontal	-80.99	-36.00	Pass
776.61	H	-72.31	-36.00	
3900.26	H	-66.79	-30.00	
5855.46	H	-55.08	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.56	Vertical	-71.37	-36.00	Pass
700.23	V	-73.10	-36.00	
3900.81	V	-62.83	-30.00	
5855.87	V	-54.48	-30.00	

LTE Band 1(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.89	Horizontal	-79.02	-36.00	Pass
920.78	H	-78.82	-36.00	
3903.40	H	-68.03	-30.00	
5850.15	H	-58.73	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.49	Vertical	-73.30	-36.00	Pass
892.50	V	-74.55	-36.00	
3904.72	V	-66.15	-30.00	
5854.55	V	-56.71	-30.00	





LTE Band 1(20MHz, RB allocation=100): Middle Channel, Normal condition

Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
58.83	Horizontal	-71.51	-36.00	Pass
848.85	H	-70.01	-36.00	
3903.44	H	-69.18	-30.00	
5854.75	H	-55.61	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.43	Vertical	-76.06	-36.00	Pass
984.26	V	-71.87	-36.00	
3903.47	V	-67.27	-30.00	
5851.91	V	-52.75	-30.00	

LTE Band 1(20MHz, RB allocation=1): Middle Channel, Normal condition

Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.18	Horizontal	-71.13	-36.00	Pass
931.07	H	-75.75	-36.00	
3901.10	H	-64.31	-30.00	
5850.17	H	-52.66	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
60.42	Vertical	-80.32	-36.00	Pass
916.92	V	-78.17	-36.00	
3902.48	V	-65.57	-30.00	
5850.34	V	-59.38	-30.00	





LTE Band 3(1.4MHz, RB allocation=6): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
57.74	Horizontal	-77.41	-36.00	Pass
718.95	H	-80.44	-36.00	
3500.70	H	-61.71	-30.00	
5255.78	H	-52.38	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
60.13	Vertical	-75.81	-36.00	Pass
813.89	V	-74.09	-36.00	
3502.67	V	-68.76	-30.00	
5255.90	V	-60.44	-30.00	

LTE Band 3(1.4MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
58.77	Horizontal	-73.00	-36.00	Pass
928.83	H	-75.97	-36.00	
3505.20	H	-61.10	-30.00	
5253.17	H	-56.45	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.39	Vertical	-79.48	-36.00	Pass
810.45	V	-71.22	-36.00	
3502.92	V	-65.40	-30.00	
5255.85	V	-53.69	-30.00	





LTE Band 3(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.97	Horizontal	-73.36	-36.00	Pass
711.82	H	-78.72	-36.00	
3500.19	H	-62.24	-30.00	
5255.04	H	-53.81	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.96	Vertical	-78.96	-36.00	Pass
905.98	V	-80.16	-36.00	
3503.43	V	-65.41	-30.00	
5250.32	V	-54.52	-30.00	

LTE Band 3(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.63	Horizontal	-74.89	-36.00	Pass
763.25	H	-71.12	-36.00	
3505.03	H	-70.78	-30.00	
5252.76	H	-59.21	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.40	Vertical	-73.27	-36.00	Pass
776.78	V	-72.60	-36.00	
3504.46	V	-67.80	-30.00	
5255.62	V	-58.03	-30.00	





LTE Band 3(20MHz, RB allocation=100): Middle Channel, Normal condition

Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.96	Horizontal	-75.19	-36.00	Pass
819.45	H	-79.06	-36.00	
3500.52	H	-66.26	-30.00	
5253.13	H	-52.65	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
57.71	Vertical	-79.81	-36.00	Pass
882.57	V	-79.63	-36.00	
3500.39	V	-70.15	-30.00	
5253.18	V	-55.27	-30.00	

LTE Band 3(20MHz, RB allocation=1): Middle Channel, Normal condition

Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.19	Horizontal	-74.34	-36.00	Pass
891.18	H	-76.99	-36.00	
3502.18	H	-61.09	-30.00	
5251.33	H	-57.96	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.78	Vertical	-78.36	-36.00	Pass
986.77	V	-76.19	-36.00	
3503.72	V	-62.92	-30.00	
5252.99	V	-54.97	-30.00	





LTE Band 7(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.98	Horizontal	-74.51	-36.00	Pass
727.90	H	-77.74	-36.00	
5070.15	H	-68.56	-30.00	
7688.22	H	-54.83	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
56.91	Vertical	-73.66	-36.00	Pass
895.21	V	-76.15	-36.00	
5072.21	V	-70.20	-30.00	
7685.85	V	-54.71	-30.00	

LTE Band 7(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.12	Horizontal	-80.45	-36.00	Pass
882.41	H	-72.52	-36.00	
5073.80	H	-67.87	-30.00	
7687.58	H	-53.05	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.23	Vertical	-79.25	-36.00	Pass
837.81	V	-78.70	-36.00	
5075.49	V	-69.33	-30.00	
7687.84	V	-50.14	-30.00	





LTE Band 7(20MHz, RB allocation=100): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.87	Horizontal	-80.68	-36.00	Pass
752.26	H	-79.73	-36.00	
5073.67	H	-67.14	-30.00	
7688.31	H	-56.79	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
60.83	Vertical	-80.11	-36.00	Pass
902.78	V	-71.07	-36.00	
5073.15	V	-64.68	-30.00	
7689.96	V	-52.96	-30.00	

LTE Band 7(20MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
58.08	Horizontal	-70.41	-36.00	Pass
731.14	H	-79.33	-36.00	
5073.81	H	-65.27	-30.00	
7688.05	H	-51.59	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.98	Vertical	-79.14	-36.00	Pass
969.84	V	-73.60	-36.00	
5070.50	V	-68.96	-30.00	
7687.98	V	-51.64	-30.00	





LTE Band 8(1.4MHz, RB allocation=6): Middle Channel, Normal condition

Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
56.68	Horizontal	-70.59	-36.00	Pass
988.37	H	-73.01	-36.00	
1794.35	H	-63.30	-30.00	
2695.76	H	-55.93	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.13	Vertical	-81.00	-36.00	Pass
877.18	V	-72.17	-36.00	
1800.35	V	-61.36	-30.00	
2695.67	V	-55.65	-30.00	

LTE Band 8(1.4MHz, RB allocation=1): Middle Channel, Normal condition

Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.89	Horizontal	-75.00	-36.00	Pass
1000.87	H	-75.76	-36.00	
1790.80	H	-65.69	-30.00	
2692.92	H	-58.85	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.31	Vertical	-79.37	-36.00	Pass
958.86	V	-80.22	-36.00	
1794.08	V	-65.65	-30.00	
2695.61	V	-52.77	-30.00	





LTE Band 8(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.15	Horizontal	-78.82	-36.00	Pass
944.63	H	-80.27	-36.00	
1797.57	H	-65.57	-30.00	
2693.29	H	-55.79	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.18	Vertical	-71.32	-36.00	Pass
853.94	V	-80.15	-36.00	
1790.72	V	-64.32	-30.00	
2695.49	V	-59.28	-30.00	

LTE Band 8(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.98	Horizontal	-75.51	-36.00	Pass
888.99	H	-76.36	-36.00	
1791.14	H	-63.53	-30.00	
2691.65	H	-58.04	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
58.17	Vertical	-72.13	-36.00	Pass
950.25	V	-77.79	-36.00	
1798.15	V	-66.29	-30.00	
2695.53	V	-58.91	-30.00	





LTE Band 8(10MHz, RB allocation=50): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.16	Horizontal	-72.98	-36.00	Pass
902.05	H	-71.38	-36.00	
1795.73	H	-62.33	-30.00	
2691.15	H	-57.81	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
56.10	Vertical	-72.69	-36.00	Pass
768.78	V	-76.08	-36.00	
1791.40	V	-60.47	-30.00	
2691.81	V	-57.86	-30.00	

LTE Band 8(10MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
57.80	Horizontal	-76.89	-36.00	Pass
913.70	H	-73.29	-36.00	
1790.11	H	-68.36	-30.00	
2692.53	H	-60.26	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.56	Vertical	-76.50	-36.00	Pass
942.57	V	-74.54	-36.00	
1791.60	V	-66.63	-30.00	
2695.27	V	-60.30	-30.00	





LTE Band 20(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.24	Horizontal	-79.17	-36.00	Pass
721.01	H	-73.82	-36.00	
1692.43	H	-63.31	-30.00	
2545.65	H	-60.42	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.51	Vertical	-79.70	-36.00	Pass
957.18	V	-74.40	-36.00	
1694.57	V	-61.89	-30.00	
2544.19	V	-60.90	-30.00	

LTE Band 20(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.56	Horizontal	-79.54	-36.00	Pass
705.91	H	-79.50	-36.00	
1699.23	H	-66.13	-30.00	
2543.24	H	-59.78	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.71	Vertical	-70.94	-36.00	Pass
812.71	V	-79.98	-36.00	
1695.36	V	-68.07	-30.00	
2543.15	V	-57.23	-30.00	





LTE Band 20(20MHz, RB allocation=100): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.61	Horizontal	-72.20	-36.00	Pass
987.57	H	-70.24	-36.00	
1693.68	H	-67.47	-30.00	
2545.41	H	-60.75	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.22	Vertical	-73.93	-36.00	Pass
952.24	V	-75.02	-36.00	
1695.91	V	-62.42	-30.00	
2540.55	V	-56.12	-30.00	

LTE Band 20(20MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.67	Horizontal	-78.32	-36.00	Pass
849.42	H	-78.61	-36.00	
1692.98	H	-64.93	-30.00	
2540.71	H	-57.05	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.30	Vertical	-77.09	-36.00	Pass
866.00	V	-76.23	-36.00	
1698.46	V	-60.61	-30.00	
2543.56	V	-56.23	-30.00	





LTE Band 28(3MHz, RB allocation=15): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.44	Horizontal	-73.08	-36.00	Pass
864.06	H	-72.84	-36.00	
1446.85	H	-60.11	-30.00	
2177.76	H	-51.88	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.39	Vertical	-70.14	-36.00	Pass
725.58	V	-78.12	-36.00	
1450.62	V	-66.42	-30.00	
2172.79	V	-56.85	-30.00	

LTE Band 28(3MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.61	Horizontal	-74.65	-36.00	Pass
907.16	H	-78.93	-36.00	
1453.97	H	-69.11	-30.00	
2172.96	H	-57.00	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.01	Vertical	-70.11	-36.00	Pass
804.57	V	-70.71	-36.00	
1453.51	V	-69.18	-30.00	
2174.51	V	-52.37	-30.00	





LTE Band 28(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.37	Horizontal	-79.09	-36.00	Pass
921.98	H	-76.21	-36.00	
1448.47	H	-60.04	-30.00	
2177.69	H	-53.86	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
54.36	Vertical	-80.04	-36.00	Pass
793.60	V	-78.10	-36.00	
1447.94	V	-61.07	-30.00	
2180.90	V	-55.95	-30.00	

LTE Band 28(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
58.42	Horizontal	-79.19	-36.00	Pass
884.64	H	-74.95	-36.00	
1447.99	H	-65.09	-30.00	
2179.72	H	-57.77	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.86	Vertical	-77.12	-36.00	Pass
949.96	V	-73.31	-36.00	
1447.61	V	-63.51	-30.00	
2177.51	V	-59.95	-30.00	





LTE Band 28(20MHz, RB allocation=100): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.25	Horizontal	-74.72	-36.00	Pass
938.56	H	-72.79	-36.00	
1450.09	H	-61.14	-30.00	
2170.35	H	-54.25	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.99	Vertical	-74.50	-36.00	Pass
914.17	V	-70.91	-36.00	
1448.06	V	-64.71	-30.00	
2174.15	V	-52.85	-30.00	

LTE Band 28(20MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
57.25	Horizontal	-72.61	-36.00	Pass
948.84	H	-78.88	-36.00	
1451.94	H	-67.94	-30.00	
2178.87	H	-59.99	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.32	Vertical	-80.73	-36.00	Pass
730.87	V	-71.82	-36.00	
1452.14	V	-60.59	-30.00	
2177.74	V	-50.44	-30.00	





LTE Band 38(5MHz, RB allocation=25): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.99	Horizontal	-78.26	-36.00	Pass
717.73	H	-74.79	-36.00	
5192.41	H	-68.27	-30.00	
7794.85	H	-54.63	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.36	Vertical	-71.08	-36.00	Pass
738.83	V	-78.34	-36.00	
5191.33	V	-61.03	-30.00	
7792.71	V	-56.70	-30.00	

LTE Band 38(5MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.66	Horizontal	-77.76	-36.00	Pass
948.17	H	-77.71	-36.00	
5195.73	H	-65.05	-30.00	
7793.60	H	-51.50	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.11	Vertical	-79.62	-36.00	Pass
980.41	V	-80.36	-36.00	
5190.56	V	-70.63	-30.00	
7791.90	V	-58.61	-30.00	





LTE Band 38(20MHz, RB allocation=100): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.52	Horizontal	-73.92	-36.00	Pass
777.56	H	-73.12	-36.00	
5192.54	H	-62.15	-30.00	
7790.40	H	-54.51	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
50.54	Vertical	-75.16	-36.00	Pass
940.89	V	-72.92	-36.00	
5195.50	V	-70.75	-30.00	
7791.61	V	-58.44	-30.00	

LTE Band 38(20MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
58.12	Horizontal	-70.80	-36.00	Pass
856.15	H	-71.23	-36.00	
5195.82	H	-62.45	-30.00	
7794.98	H	-50.49	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.25	Vertical	-77.39	-36.00	Pass
983.73	V	-78.54	-36.00	
5195.54	V	-65.79	-30.00	
7794.78	V	-52.58	-30.00	





LTE Band 40(5MHz, RB allocation=25): Middle Channel, Normal condition

Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.01	Horizontal	-72.38	-36.00	Pass
858.01	H	-80.00	-36.00	
4703.54	H	-63.85	-30.00	
7050.13	H	-51.25	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
55.58	Vertical	-73.14	-36.00	Pass
882.27	V	-75.04	-36.00	
4703.12	V	-62.73	-30.00	
7053.52	V	-56.95	-30.00	

LTE Band 40(5MHz, RB allocation=1): Middle Channel, Normal condition

Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
57.77	Horizontal	-76.31	-36.00	Pass
984.49	H	-77.55	-36.00	
4705.26	H	-66.09	-30.00	
7057.23	H	-53.14	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
51.16	Vertical	-79.95	-36.00	Pass
818.29	V	-72.40	-36.00	
4704.55	V	-67.45	-30.00	
7056.42	V	-58.15	-30.00	





LTE Band 40(20MHz, RB allocation=100): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.34	Horizontal	-79.12	-36.00	Pass
867.42	H	-80.53	-36.00	
4703.24	H	-70.61	-30.00	
7055.98	H	-60.15	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
52.36	Vertical	-80.05	-36.00	Pass
812.33	V	-79.41	-36.00	
4702.50	V	-65.43	-30.00	
7055.96	V	-59.19	-30.00	

LTE Band 40(20MHz, RB allocation=1): Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
58.46	Horizontal	-80.46	-36.00	Pass
964.16	H	-77.08	-36.00	
4707.37	H	-65.41	-30.00	
7055.93	H	-51.14	-30.00	
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
53.19	Vertical	-75.71	-36.00	Pass
752.67	V	-79.60	-36.00	
4705.38	V	-62.57	-30.00	
7054.88	V	-57.75	-30.00	





Radiated spurious emissions-MS in idle mode (Worst Case)

LTE Band 1: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
59.99	Horizontal	-78.32	-57.00	Pass
700.25	H	-72.68	-57.00	
1791.23	H	-69.12	-47.00	
2704.00	H	-60.19	-47.00	
3619.84	H	-53.08	-47.00	
LTE Band 1: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
58.92	Vertical	-74.84	-57.00	Pass
887.65	V	-74.74	-57.00	
1790.25	V	-62.72	-47.00	
2706.96	V	-50.91	-47.00	
3612.74	V	-51.32	-47.00	

LTE Band 8: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
60.99	Horizontal	-78.50	-57.00	Pass
839.71	H	-75.17	-57.00	
1696.20	H	-65.08	-47.00	
2676.37	H	-52.22	-47.00	
3250.10	H	-51.19	-47.00	
LTE Band 8: Middle Channel, Normal condition				
Frequency (MHz)	Radiated Spurious Emission		Limit (dBm)	Test Result
	Polarization	Level(dBm)		
57.77	Vertical	-77.13	-57.00	Pass
918.71	V	-76.04	-57.00	
1693.16	V	-67.86	-47.00	
2673.36	V	-56.37	-47.00	
3242.11	V	-56.95	-47.00	

Note: The report only recorded the worst result.

-----THE END OF REPORT-----



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