

TEST REPORT

Applicant Name : Kirisun Communication Co.,Ltd.
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Report Number : 2504Y26988E-RF-00E
FCC ID: Q5ETD60

Test Standard (s)

FCC PART 22H; FCC PART 24E; FCC PART 27

Sample Description

Product Type: Dual-mode Portable Radio
Model No.: TD60, TD66
Trade Mark: 
Date Received: 2025-10-16
Report Date: 2026-02-07

Test Result:	The EUT complied with the standards above.
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Prepared and Checked By:



Roger Ling
EMC Engineer

Approved By:



Bob.Liao
EMC Engineer

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
Rev.00	2504Y26988E-RF-00E	Original Report	2026-02-07

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product Name	Dual-mode Portable Radio
Tested Model	TD60
Multiple Model	TD66
Voltage Range [#]	DC 12V from adapter DC 8.7V from desktop charger DC 7.6V from rechargeable battery
Desktop Charger Information [#]	Model:KBC-TD60-1Q Input: 12.0V === 1000mA Output: 8.7V === 1000mA
Adapter Information [#] (For Desktop Charger)	Model:TPQ-236A120100UW01 Input:100-240 V~ 50/60Hz 0.4A Output:12.0V === 1.0A

Model Difference[#]: The differences between the two models are: model name and keyboard. Please refer to DOS letter[#] and EUT External Photos for details.
Note: The two models have different casings. The applicant provided model TD60 for all tests and model TD66 for some evaluation tests.

Radio	LTE		
Frequency Range	LTE Band 2: 1850-1910MHz(TX); 1930-1990MHz(RX) LTE Band 4: 1710-1755MHz(TX); 2110-2155MHz(RX) LTE Band 5: 824-849MHz(TX); 869-894MHz(RX) LTE Band 7: 2500-2570MHz(TX); 2620-2690MHz(RX) LTE Band 12: 699-716MHz(TX); 729-746MHz(RX) LTE Band 13: 777-787MHz(TX); 746-756MHz(RX)		
Modulation Technique	LTE: QPSK, 16QAM		
Maximum Conducted Output Power (Average) [#]	LTE B2: 23.54dBm		LTE B4: 23.81dBm
	LTE B5: 23.50dBm		LTE B7: 24.08dBm
	LTE B12: 23.64dBm		LTE B13: 23.55dBm
	(It is quoted from the module report: FG741007B [#])		
Antenna Specification [#]	Internal Antenna(The antenna gain is provided by the applicant)		
	LTE B2: 1.51dBi	LTE B4: 1.64dBi	LTE B5: 0.83dBi
	LTE B7: 1.8dBi	LTE B12: 0.58dBi	LTE B13: 0.66dBi
Sample Serial Number	Model TD60:3BA3-1 (CE&RSE Test), 3BA3-2 (RF Conducted Test) Model TD66:3BA2-2 (CE&RSE Test) (Assigned by ATC, Shenzhen)		
Sample/EUT Status	Good condition		

Objective

This test report is in accordance with Part 2-Subpart J, Part 22-Subpart H, Part24-Subpart E and Part 27 of the Federal Communication Commission's rules.

The objective is to determine the compliance of the EUT with FCC rules for output power, modulation characteristic, occupied bandwidth, and spurious emission at antenna terminal, spurious radiated emission, frequency stability and band edge.

Test Methodology

All tests and measurements indicated in this document were performed in accordance with the Code of Federal Regulations Title 47 Part 2-Subpart J as well as the following parts:

Part 22 Subpart H - Public Mobile Services
Part 24 Subpart E - Personal Communication Services
Part 27 - Miscellaneous Wireless Communications Services

ANSI C63.26-2015: American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services

All emissions measurement was performed at Shenzhen Accurate Technology Co., Ltd. The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Unless otherwise stated there are no any additions to, deviations, or exclusions from the method.

Test Facility

The test site used by Shenzhen Accurate Technology Co., Ltd. to collect test data is located on the Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Accredited by American Association for Laboratory Accreditation (A2LA).The Certificate Number is 4297.01.

Measurement Uncertainty

Parameter		Uncertainty
RF Frequency		0.064×10^{-7}
RF output power, conducted		0.3 dB
Emissions, Radiated	9kHz - 30MHz	2.1 dB
	30MHz - 1GHz	4.3 dB
	1GHz - 18GHz	4.9 dB
	18GHz - 26.5GHz	5.2 dB
	26.5GHz - 40GHz	4.6 dB
Temperature		1 °C
Humidity		7%
Supply voltages		0.4%

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The final qualification test was performed with the EUT operating at normal mode.

Test was performed as below tables:

Frequency band	Bandwidth (MHz)	Test Frequency(MHz)		
		Low	Middle	High
LTE B2	1.4	1850.7	1880.0	1909.3
	3	1851.5	1880.0	1908.5
	5	1852.5	1880.0	1907.5
	10	1855	1880.0	1905.0
	15	1857.5	1880.0	1902.5
	20	1860.0	1880.0	1900.0
LTE B4	1.4	1710.7	1732.5	1754.3
	3	1711.5	1732.5	1753.5
	5	1712.5	1732.5	1752.5
	10	1715.0	1732.5	1750.0
	15	1717.5	1732.5	1747.5
	20	1720.0	1732.5	1745.0
LTE B5	1.4	824.7	836.5	848.3
	3	825.5	836.5	847.5
	5	826.5	836.5	846.5
	10	829.0	836.5	844.0
LTE B7	5	2502.5	2535	2567.5
	10	2505	2535	2565
	15	2507.5	2535	2562.5
	20	2510	2535	2560
LTE B12	1.4	699.7	707.5	715.3
	3	700.5	707.5	714.5
	5	701.5	707.5	713.5
	10	704	707.5	711
LTE B13	5	779.5	/	784.5
	10	/	782.0	/

Special Accessories

No special accessory.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

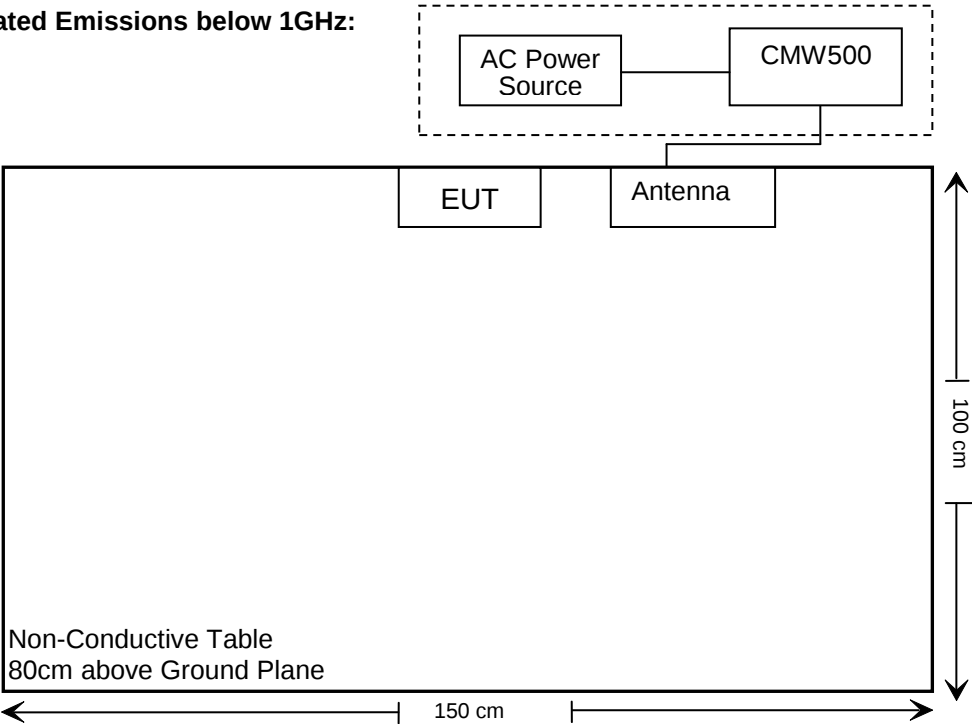
Manufacturer	Description	Model	Serial Number
Unknown	Antenna	Unknown	Unknown
Rohde & Schwarz	Wideband Radio Communication Tester	CMW500	124441

External I/O Cable

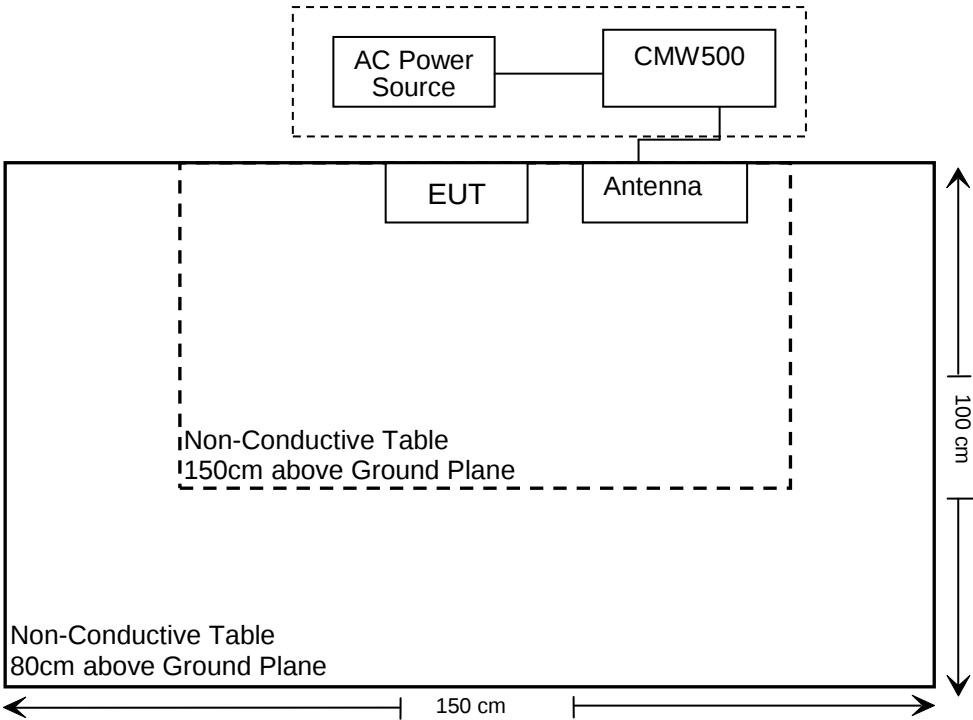
Cable Description	Shielding Type	Length (m)	From Port	To
/	/	/	/	/

Block Diagram of Test Setup

For Radiated Emissions below 1GHz:



For Radiated Emissions above 1GHz:



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result	Remark
§1.1310; §2.1093	RF Exposure(SAR)	Compliance	/
§2.1046; §22.913(a)(d); §24.232(c)(d); §27.50(b)(c)(d)(h)	RF Output Power	Reporting	See note 1/2
§2.1047	Modulation Characteristics	Not Applicable	See note 1
§2.1049; §22.905; §22.917; §24.238; §27.53	Occupied Bandwidth	Compliance**	See note 1
§2.1051; §22.917(a); §24.238(a); §27.53	Spurious Emissions at Antenna Terminal	Compliance**	See note 1
§2.1053; §22.917(a); §24.238(a); §27.53	Field Strength of Spurious Radiation	Compliance	/
§22.917(a); §24.238(a); §27.53	Band Edge	Compliance**	See note 1
§2.1055; §22.355; §24.235; §27.54	Frequency stability	Compliance**	See note 1

Note 1: The device built in a certified module(model:SC20-A[#], FCC ID: XMR201706SC20A[#], Date of Grant: 08/14/2017),per spot check, the RF parameters are identical with the module report, therefore, the RF conducted test items please refer to the module report: FG741007B[#].(According to KDB 996369 D02 Module Q&A v02r02, Answer 1 b.)

Note 2: The WWAN antenna gain of the EUT is lower than that of the module's antenna gain, so EIRP/ERP meets the limit requirements. About conducted output power, please refer to the module report: FG741007B[#].

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Radiated Spurious Emission Test(Below 1GHz)					
Rohde & Schwarz	Test Receiver	ESR	102725	2025/09/18	2026/09/17
SONOMA INSTRUMENT	Amplifier	310N	186131	2025/03/26	2026/03/25
Schwarzbeck	Bilog Antenna	VULB9163	9163-323	2024/08/08	2027/08/07
Schwarzbeck	Bilog Antenna	VULB9163	9163-194	2023/02/14	2026/02/13
Agilent	Signal Generator	N5183A	MY47420360	2025/08/29	2026/08/28
Unknown	RF Coaxial Cable	No.12	N040	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.13	N300	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.14	N800	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.40	/	2025/05/30	2026/05/29
Test Software: e3 191218 (V9)					
Radiated Spurious Emission Test(Above 1GHz)					
Rohde & Schwarz	Spectrum Analyzer	FSV40	101949	2025/09/17	2026/09/16
Decentest	Filter Switch Unit	DT7220FSU	DQ77927	2025/09/18	2026/09/17
Decentest	Multiplex Switch Test Control Set	DT7220CSU	DQ77924	2025/09/18	2026/09/17
A.H. Systems, inc.	Preamplifier	PAM-0118	226	2025/03/20	2026/03/19
Schwarzbeck	Horn Antenna	BBHA9120D	837	2023/02/22	2026/02/21
Unknown	RF Coaxial Cable	No.19	N500	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.10	N050	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.11	N1000	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.40	/	2025/05/30	2026/05/29
Schwarzbeck	HORN ANTENNA	BBHA9170	9170-359	2023/12/12	2026/12/11
BACL	Amplifier	BACL-1313-A1840	4012521	2025/05/30	2026/05/29
Agilent	Signal Generator	N5183A	MY47420360	2025/08/29	2026/08/28
Schwarzbeck	Horn Antenna	BBHA9120D	9120D-655	2022/12/26	2025/12/25
PASTERNAK	Horn Antenna	PE9852/2F-20	1120 (ATC-BA-024-1)	2023/01/04	2026/01/03
Unknown	RF Coaxial Cable	No.15	N600	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.16	N650	2025/05/30	2026/05/29
Test Software: e3 191218 (V9)					
RF Conducted Test					
Rohde & Schwarz	Spectrum Analyzer	FSV-40	101948	2025/09/18	2026/09/17
Mini-Circuits	Power Splitter	ZFRSC-183-S+	SF10944151S	2025/03/26	2026/03/25
Rohde & Schwarz	Wideband Radio Communication Tester	CMW500	154606	2025/09/18	2026/09/17
Test Software: JDAutoTestSystem V1.0.0					

*** Statement of Traceability:** Shenzhen Accurate Technology Co., Ltd. attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

RF EXPOSURE

Applicable Standard

FCC§1.1310 and §2.1093.

Measurement Result: Compliance. Please refer to SAR Report[#]: 2502Y05440E-20A.

RF OUTPUT POWER

Applicable Standard

According to FCC §2.1046 and §22.913(a), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC §2.1046 and §24.232(c)(d), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

The peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB.

According to §27.50(b), portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

According to §27.50(c), control and mobile stations in the 698-746 MHz band are limited to 30 watts ERP. Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

According to §27.50(d), 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.

According to §27.50(h), the maximum EIRP must not exceed 2Watts (33dBm) for 2496-2690MHz.

Test Procedure

According to CFR Part 2.1046, ANSI C63.26-2015 Section 5.2.5.5:

In many cases, RF output power limits are specified in terms of the ERP or the EIRP. Typically, ERP is specified when the operating frequency is less than or equal to 1 GHz and EIRP is specified when the operating frequency is greater than 1 GHz. Both are defined as the product of the power supplied to the antenna and its gain (relative to a dipole antenna in the case of ERP, and relative to an isotropic antenna in the case of EIRP); however, when working in decibels (i.e., logarithmic scale), the ERP and EIRP represent the sum of the transmit antenna gain (in dBd or dBi, respectively) and the conducted RF output power (expressed in dB relative to watts or milliwatts).

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation (1) as follows:

$$\text{ERP or EIRP} = P_{\text{Meas}} + G_T$$

Where

ERP or EIRP effective radiated power or equivalent isotropically radiated power, respectively
(expressed in the same units as P_{Meas} , e.g., dBm or dBW)

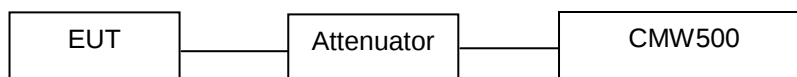
P_{Meas} measured transmitter output power or PSD, in dBm or dBW

G_T gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

According to ANSI C63.26-2015 Section 5.2

Conducted method:

The RF output of the transmitter was connected to the CMW500 through sufficient attenuation.



Note: the path loss (cable loss and attenuator) has including in result.

Test Data

Please refer to the Appendix for spot check data.

SPURIOUS RADIATED EMISSIONS

Applicable Standard

FCC § 2.1053, §22.917(a), §24.238(a), §27.53.

Test Procedure

According to ANSI C63.26-2015 Section 5.5.3:

●Test setup:

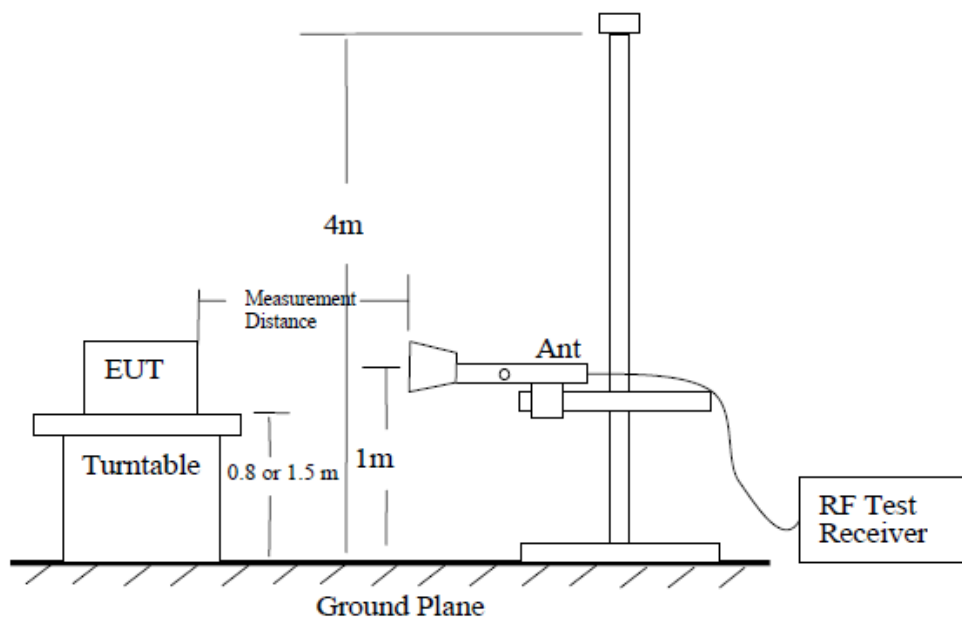


Figure 6 —Test site-up for radiated ERP and/or EIRP measurements

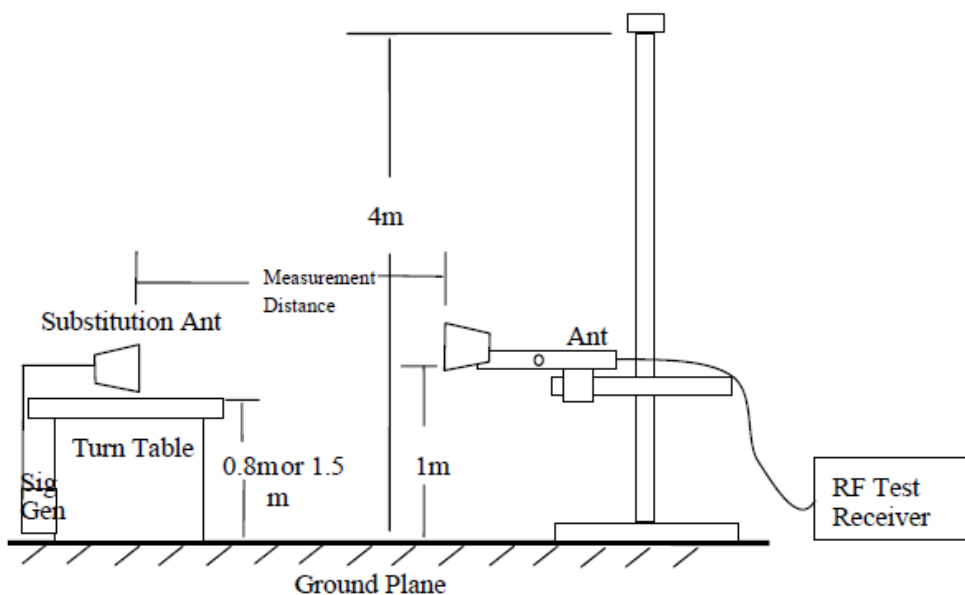


Figure 7 —Substitution method set-up for radiated emission

● Final radiated emissions testing

- a) Place the EUT in the center of the turntable. The EUT shall be configured to transmit into the standard non-radiating load (for measuring radiated spurious emissions), connected with cables of minimal length unless specified otherwise. If the EUT uses an adjustable antenna, the antenna shall be positioned to the length that produces the worst case emission at the fundamental operating frequency.
- b) Each emission under consideration shall be evaluated:
 - 1) Raise and lower the measurement antenna in accordance 5.5.2, as necessary to enable detection of the maximum emission amplitude relative to measurement antenna height.
 - 2) Rotate the EUT through 360° to determine the maximum emission level relative to the axial position.
 - 3) Return the turntable to the azimuth where the highest emission amplitude level was observed.
 - 4) Vary the measurement antenna height again through 1 m to 4 m again to find the height associated with the maximum emission amplitude.
 - 5) Record the measured emission amplitude level and frequency using the appropriate RBW.
- c) Repeat step b) for each emission frequency with the measurement antenna oriented in both the horizontal and vertical polarizations to determine the orientation that gives the maximum emissions amplitude.
- d) Set-up the substitution measurement with the reference point of the substitution antenna located as near as possible to where the center of the EUT radiating element was located during the initial EUT measurement.
- e) Maintain the previous measurement instrument settings and test set-up, with the exception that the EUT is removed and replaced by the substitution antenna.
- f) Connect a signal generator to the substitution antenna; locate the signal generator so as to minimize any potential influences on the measurement results. Set the signal generator to the frequency where emissions are detected, and set an output power level such that the radiated signal can be detected by the measurement instrument, with sufficient dynamic range relative to the noise floor.
- g) For each emission that was detected and measured in the initial test [i.e., in step b) and step c)]:
 - 1) Vary the measurement antenna height between 1 m to 4 m to maximize the received (measured) signal amplitude.
 - 2) Adjust the signal generator output power level until the amplitude detected by the measurement instrument equals the amplitude level of the emission previously measured directly in step b) and step c).
 - 3) Record the output power level of the signal generator when equivalence is achieved in step 2).
- h) Repeat step e) through step g) with the measurement antenna oriented in the opposite polarization.
- i) Calculate the emission power in dBm referenced to a half-wave dipole using the following equation:
$$P_e = P_s(\text{dBm}) - \text{cable loss (dB)} + \text{antenna gain (dBd)}$$

where
 P_e = equivalent emission power in dBm
 P_s = source (signal generator) power in dBm
NOTE—dBd refers to the measured antenna gain in decibels relative to a half-wave dipole.
- j) Correct the antenna gain of the substitution antenna if necessary to reference the emission power to a half-wave dipole. When using measurement antennas with the gain specified in dBi, the equivalent dipole-referenced gain can be determined from: $\text{gain (dBd)} = \text{gain (dBi)} - 2.15 \text{ dB}$. If necessary, the antenna gain can be calculated from calibrated antenna factor information
- k) Provide the complete measurement results as a part of the test report.

The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the receiving antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.

The frequency range up to tenth harmonic of the fundamental frequency was investigated.

Test Data

Environmental Conditions

Test Item:	RSE Below 1GHz	RSE Above1GHz
Temperature:	20.9 °C	23.3 °C
Relative Humidity:	50 %	55 %
ATM Pressure:	100.9 kPa	101.1kPa
Test Engineer:	Colin Lin	Kevin Lv
Test Date:	2025-12-01	2025-11-30
EUT Operation Mode:	Transmitting	Transmitting

Test Result: Compliance, please refer to the below data.

Note 1: After pre-scan in the X, Y and Z axes of orientation, the worst case as setup photos was recorded.

Note 2: For LTE, the worst modulation and bandwidth were tested and recorded.

For 3BA3-1

Frequency (MHz)	Receiver Reading (dBm)	Rx Antenna Polar (H/V)	Substituted Factor (dB)	Absolute Level (dBm)	Limit (dBm)	Margin (dB)
LTEBand2						
Test Frequency Rang: 30MHz~20GHz						
QPSK 1.4MHz Bandwidth_ RB1#0						
Low Channel						
816.684	-77.23	H	11.24	-65.99	-13	-52.99
855.523	-77.21	V	10.89	-66.32	-13	-53.32
3701.4	-54.85	H	2.86	-51.99	-13	-38.99
3701.4	-54.48	V	3.34	-51.14	-13	-38.14
Middle Channel						
816.684	-76.55	H	11.24	-65.31	-13	-52.31
855.523	-77.32	V	10.89	-66.43	-13	-53.43
3760	-54.99	H	3.32	-51.67	-13	-38.67
3760	-54.25	V	3.23	-51.02	-13	-38.02
High Channel						
816.684	-77.01	H	11.24	-65.77	-13	-52.77
855.523	-77.75	V	10.89	-66.86	-13	-53.86
3818.6	-54.71	H	3.88	-50.83	-13	-37.83
3818.6	-53.82	V	3.68	-50.14	-13	-37.14
LTE Band4						
Test Frequency Rang: 30MHz~18GHz						
QPSK 1.4MHz Bandwidth_ RB1#0						
Low Channel						
816.684	-77.25	H	11.24	-66.01	-13	-53.01
855.523	-77.63	V	10.89	-66.74	-13	-53.74
3421.4	-52.01	H	2.24	-49.77	-13	-36.77
3421.4	-52.75	V	2.33	-50.42	-13	-37.42
Middle Channel						
816.684	-77.36	H	11.24	-66.12	-13	-53.12
855.523	-77.31	V	10.89	-66.42	-13	-53.42
3465	-52.91	H	2.53	-50.38	-13	-37.38
3465	-52.68	V	2.48	-50.20	-13	-37.20
High Channel						
816.684	-77.46	H	11.24	-66.22	-13	-53.22
855.523	-76.25	V	10.89	-65.36	-13	-52.36
3508.6	-54.19	H	2.86	-51.33	-13	-38.33
3508.6	-54.71	V	2.82	-51.89	-13	-38.89

Frequency (MHz)	Receiver Reading (dBm)	Rx Antenna Polar (H/V)	Substituted Factor (dB)	Absolute Level (dBm)	Limit (dBm)	Margin (dB)
LTE Band5						
Test Frequency Rang: 30MHz~10GHz						
QPSK 1.4MHz Bandwidth_ RB1#0						
Low Channel						
816.684	-76.37	H	11.24	-65.13	-13	-52.13
855.523	-77.30	V	10.89	-66.41	-13	-53.41
1649.4	-48.95	H	-1.2	-50.15	-13	-37.15
1649.4	-48.94	V	-1.55	-50.49	-13	-37.49
Middle Channel						
816.684	-77.03	H	11.24	-65.79	-13	-52.79
855.523	-77.55	V	10.89	-66.66	-13	-53.66
1673	-47.81	H	-1.53	-49.34	-13	-36.34
1673	-68.79	V	-1.53	-70.32	-13	-57.32
High Channel						
816.684	-76.75	H	11.24	-65.51	-13	-52.51
855.523	-77.32	V	10.89	-66.43	-13	-53.43
1696.6	-47.99	H	-1.86	-49.85	-13	-36.85
1696.6	-48.64	V	-1.5	-50.14	-13	-37.14
LTE Band7						
Test Frequency Rang: 30MHz~26GHz						
QPSK 5MHz Bandwidth_ RB1#0						
Low Channel						
816.684	-76.89	H	11.24	-65.65	-25	-40.65
855.523	-77.62	V	10.89	-66.73	-25	-41.73
5020	-75.86	H	5.7	-70.16	-25	-45.16
5020	-75.60	V	5.58	-70.02	-25	-45.02
Middle Channel						
816.684	-76.47	H	11.24	-65.23	-25	-40.23
855.523	-77.71	V	10.89	-66.82	-25	-41.82
5070	-77.28	H	6.1	-71.18	-25	-46.18
5070	-76.69	V	6.03	-70.66	-25	-45.66
High Channel						
816.684	-77.67	H	11.24	-66.43	-25	-41.43
855.523	-78.01	V	10.89	-67.12	-25	-42.12
5120	-77.38	H	6.01	-71.37	-25	-46.37
5120	-78.12	V	5.93	-72.19	-25	-47.19

Frequency (MHz)	Receiver Reading (dBm)	Rx Antenna Polar (H/V)	Substituted Factor (dB)	Absolute Level (dBm)	Limit (dBm)	Margin (dB)
LTE Band12						
Test Frequency Rang: 30MHz~8GHz						
QPSK 1.4MHz Bandwidth_ RB1#0						
Low Channel						
816.684	-77.72	H	11.24	-66.48	-13	-53.48
855.523	-75.15	V	10.89	-64.26	-13	-51.26
1399.4	-58.82	H	-1.34	-60.16	-13	-47.16
1399.4	-57.32	V	-1.56	-58.88	-13	-45.88
Middle Channel						
816.684	-76.47	H	11.24	-65.23	-13	-52.23
855.523	-76.92	V	10.89	-66.03	-13	-53.03
1415	-59.86	H	-1.30	-61.16	-13	-48.16
1415	-60.30	V	-1.41	-61.71	-13	-48.71
High Channel						
816.684	-76.35	H	11.24	-65.11	-13	-52.11
855.523	-76.97	V	10.89	-66.08	-13	-53.08
1430.6	-59.32	H	-1.27	-60.59	-13	-47.59
1430.6	-59.98	V	-1.26	-61.24	-13	-48.24
LTE Band13						
Test Frequency Rang: 30MHz~8GHz						
QPSK 5MHz Bandwidth_ RB1#0						
Low Channel						
816.684	-76.40	H	11.24	-65.16	-13	-52.16
855.523	-77.13	V	10.89	-66.24	-13	-53.24
1559	-73.27	H	-2.28	-75.55	-40	-35.55
1559	-72.49	V	-1.99	-74.48	-40	-34.48
High Channel						
816.684	-77.03	H	11.24	-65.79	-13	-52.79
855.523	-77.64	V	10.89	-66.75	-13	-53.75
1569	-74.78	H	-2.03	-76.81	-40	-36.81
1569	-74.52	V	-1.88	-76.40	-40	-36.40

For 3BA2-2

Frequency (MHz)	Receiver Reading (dBm)	Rx Antenna Polar (H/V)	Substituted Factor (dB)	Absolute Level (dBm)	Limit (dBm)	Margin (dB)
LTEBand2						
Test Frequency Rang: 30MHz~20GHz						
QPSK 1.4MHz Bandwidth_ RB1#0						
Low Channel						
239.99	-70.00	H	4.92	-65.08	-13	-52.08
314.93	-69.43	V	2.00	-67.43	-13	-54.43
Middle Channel						
239.99	-70.13	H	4.92	-65.21	-13	-52.21
314.93	-69.26	V	2.00	-67.26	-13	-54.26
High Channel						
239.99	-70.30	H	4.92	-65.38	-13	-52.38
314.93	-69.17	V	2.00	-67.17	-13	-54.17
LTE Band4						
Test Frequency Rang: 30MHz~18GHz						
QPSK 1.4MHz Bandwidth_ RB1#0						
Low Channel						
239.99	-70.48	H	4.92	-65.56	-13	-52.56
314.93	-69.67	V	2.00	-67.67	-13	-54.67
Middle Channel						
239.99	-69.43	H	4.92	-64.51	-13	-51.51
314.93	-68.72	V	2.00	-66.72	-13	-53.72
High Channel						
239.99	-70.07	H	4.92	-65.15	-13	-52.15
314.93	-69.03	V	2.00	-67.03	-13	-54.03
LTE Band5						
Test Frequency Rang: 30MHz~10GHz						
QPSK 1.4MHz Bandwidth_ RB1#0						
Low Channel						
239.99	-70.11	H	4.92	-65.19	-13	-52.19
314.93	-69.01	V	2.00	-67.01	-13	-54.01
Middle Channel						
239.99	-70.24	H	4.92	-65.32	-13	-52.32
314.93	-69.26	V	2.00	-67.26	-13	-54.26
High Channel						
239.99	-70.53	H	4.92	-65.61	-13	-52.61
314.93	-69.52	V	2.00	-67.52	-13	-54.52

Frequency (MHz)	Receiver Reading (dBm)	Rx Antenna Polar (H/V)	Substituted Factor (dB)	Absolute Level (dBm)	Limit (dBm)	Margin (dB)
LTE Band7						
Test Frequency Rang: 30MHz~26GHz						
QPSK 5MHz Bandwidth_ RB1#0						
Low Channel						
239.99	-70.29	H	4.92	-65.37	-25	-40.37
314.93	-69.69	V	2.00	-67.69	-25	-42.69
Middle Channel						
239.99	-70.63	H	4.92	-65.71	-25	-40.71
314.93	-69.86	V	2.00	-67.86	-25	-42.86
High Channel						
239.99	-70.27	H	4.92	-65.35	-25	-40.35
314.93	-69.81	V	2.00	-67.81	-25	-42.81
LTE Band12						
Test Frequency Rang: 30MHz~8GHz						
QPSK 1.4MHz Bandwidth_ RB1#0						
Low Channel						
239.99	-70.34	H	4.92	-65.42	-13	-52.42
314.93	-69.49	V	2.00	-67.49	-13	-54.49
Middle Channel						
239.99	-70.45	H	4.92	-65.53	-13	-52.53
314.93	-69.57	V	2.00	-67.57	-13	-54.57
High Channel						
239.99	-70.53	H	4.92	-65.61	-13	-52.61
314.93	-69.77	V	2.00	-67.77	-13	-54.77
LTE Band13						
Test Frequency Rang: 30MHz~8GHz						
QPSK 5MHz Bandwidth_ RB1#0						
Low Channel						
239.99	-69.46	H	4.92	-64.54	-13	-51.54
314.93	-69.03	V	2.00	-67.03	-13	-54.03
High Channel						
239.99	-70.78	H	4.92	-65.86	-13	-52.86
314.93	-69.31	V	2.00	-67.31	-13	-54.31

Note 1: Absolute Level = Reading Level + Substituted Factor

Note 2: Substituted Factor = Substituted Level - Cable loss+ Antenna Gain

Note 3: Margin = Absolute Level - Limit

Note 4: The data which below the 20 dB limit was not recorded.

APPENDIX

Test Information:

Sample No.:	3BA3-2	Test Date:	2025/12/23~2026/01/30
Test Site:	RF	Test Mode:	Transmitting
Tester:	Benny Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	21.0~22.5	Relative Humidity: (%)	48~52	ATM Pressure: (kPa)	100.9~101.8
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Spot Check With RF Output Power

FCC Part 22H

LTE Band 5, Normal

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_Low_QPSK_1@0	23.91	22.09	0.162	7	Pass
1.4MHz_Low_QPSK_1@3	23.84	22.02	0.159	7	Pass
1.4MHz_Low_QPSK_1@5	23.85	22.03	0.160	7	Pass
1.4MHz_Low_QPSK_3@0	23.86	22.04	0.160	7	Pass
1.4MHz_Low_QPSK_3@1	23.86	22.04	0.160	7	Pass
1.4MHz_Low_QPSK_3@3	23.80	21.98	0.158	7	Pass
1.4MHz_Low_QPSK_6@0	22.94	21.12	0.129	7	Pass
1.4MHz_Low_16QAM_1@0	22.81	20.99	0.126	7	Pass
1.4MHz_Low_16QAM_1@3	22.77	20.95	0.124	7	Pass
1.4MHz_Low_16QAM_1@5	22.83	21.01	0.126	7	Pass
1.4MHz_Low_16QAM_3@0	22.80	20.98	0.125	7	Pass
1.4MHz_Low_16QAM_3@1	22.79	20.97	0.125	7	Pass
1.4MHz_Low_16QAM_3@3	22.72	20.90	0.123	7	Pass
1.4MHz_Low_16QAM_6@0	21.91	20.09	0.102	7	Pass
1.4MHz_Middle_QPSK_1@0	23.94	22.12	0.163	7	Pass
1.4MHz_Middle_QPSK_1@3	23.92	22.10	0.162	7	Pass
1.4MHz_Middle_QPSK_1@5	23.89	22.07	0.161	7	Pass
1.4MHz_Middle_QPSK_3@0	23.84	22.02	0.159	7	Pass
1.4MHz_Middle_QPSK_3@1	23.83	22.01	0.159	7	Pass
1.4MHz_Middle_QPSK_3@3	23.91	22.09	0.162	7	Pass
1.4MHz_Middle_QPSK_6@0	22.87	21.05	0.127	7	Pass
1.4MHz_Middle_16QAM_1@0	23.19	21.37	0.137	7	Pass
1.4MHz_Middle_16QAM_1@3	23.94	22.12	0.163	7	Pass
1.4MHz_Middle_16QAM_1@5	23.03	21.21	0.132	7	Pass
1.4MHz_Middle_16QAM_3@0	23.11	21.29	0.135	7	Pass
1.4MHz_Middle_16QAM_3@1	23.04	21.22	0.132	7	Pass
1.4MHz_Middle_16QAM_3@3	22.99	21.17	0.131	7	Pass
1.4MHz_Middle_16QAM_6@0	21.60	19.78	0.095	7	Pass
1.4MHz_High_QPSK_1@0	23.86	22.04	0.160	7	Pass
1.4MHz_High_QPSK_1@3	23.90	22.08	0.161	7	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
1.4MHz_High_QPSK_1@5	23.71	21.89	0.155	7	Pass
1.4MHz_High_QPSK_3@0	23.84	22.02	0.159	7	Pass
1.4MHz_High_QPSK_3@1	23.83	22.01	0.159	7	Pass
1.4MHz_High_QPSK_3@3	23.68	21.86	0.153	7	Pass
1.4MHz_High_QPSK_6@0	22.86	21.04	0.127	7	Pass
1.4MHz_High_16QAM_1@0	22.68	20.86	0.122	7	Pass
1.4MHz_High_16QAM_1@3	22.51	20.69	0.117	7	Pass
1.4MHz_High_16QAM_1@5	22.48	20.66	0.116	7	Pass
1.4MHz_High_16QAM_3@0	22.93	21.11	0.129	7	Pass
1.4MHz_High_16QAM_3@1	22.93	21.11	0.129	7	Pass
1.4MHz_High_16QAM_3@3	22.83	21.01	0.126	7	Pass
1.4MHz_High_16QAM_6@0	21.98	20.16	0.104	7	Pass
3MHz_Low_QPSK_1@0	23.94	22.12	0.163	7	Pass
3MHz_Low_QPSK_1@8	23.91	22.09	0.162	7	Pass
3MHz_Low_QPSK_1@14	23.96	22.14	0.164	7	Pass
3MHz_Low_QPSK_8@0	22.96	21.14	0.130	7	Pass
3MHz_Low_QPSK_8@4	22.87	21.05	0.127	7	Pass
3MHz_Low_QPSK_8@7	22.97	21.15	0.130	7	Pass
3MHz_Low_QPSK_15@0	22.90	21.08	0.128	7	Pass
3MHz_Low_16QAM_1@0	23.56	21.74	0.149	7	Pass
3MHz_Low_16QAM_1@8	23.09	21.27	0.134	7	Pass
3MHz_Low_16QAM_1@14	23.30	21.48	0.141	7	Pass
3MHz_Low_16QAM_8@0	21.69	19.87	0.097	7	Pass
3MHz_Low_16QAM_8@4	21.56	19.74	0.094	7	Pass
3MHz_Low_16QAM_8@7	21.52	19.70	0.093	7	Pass
3MHz_Low_16QAM_15@0	22.25	20.43	0.110	7	Pass
3MHz_Middle_QPSK_1@0	23.85	22.03	0.160	7	Pass
3MHz_Middle_QPSK_1@8	23.96	22.14	0.164	7	Pass
3MHz_Middle_QPSK_1@14	23.83	22.01	0.159	7	Pass
3MHz_Middle_QPSK_8@0	23.11	21.29	0.135	7	Pass
3MHz_Middle_QPSK_8@4	22.91	21.09	0.129	7	Pass
3MHz_Middle_QPSK_8@7	22.82	21.00	0.126	7	Pass
3MHz_Middle_QPSK_15@0	23.01	21.19	0.132	7	Pass
3MHz_Middle_16QAM_1@0	23.81	21.99	0.158	7	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
3MHz_Middle_16QAM_1@8	23.82	22.00	0.158	7	Pass
3MHz_Middle_16QAM_1@14	23.79	21.97	0.157	7	Pass
3MHz_Middle_16QAM_8@0	22.18	20.36	0.109	7	Pass
3MHz_Middle_16QAM_8@4	21.96	20.14	0.103	7	Pass
3MHz_Middle_16QAM_8@7	21.96	20.14	0.103	7	Pass
3MHz_Middle_16QAM_15@0	21.92	20.10	0.102	7	Pass
3MHz_High_QPSK_1@0	23.88	22.06	0.161	7	Pass
3MHz_High_QPSK_1@8	23.94	22.12	0.163	7	Pass
3MHz_High_QPSK_1@14	23.78	21.96	0.157	7	Pass
3MHz_High_QPSK_8@0	22.96	21.14	0.130	7	Pass
3MHz_High_QPSK_8@4	22.89	21.07	0.128	7	Pass
3MHz_High_QPSK_8@7	22.77	20.95	0.124	7	Pass
3MHz_High_QPSK_15@0	22.92	21.10	0.129	7	Pass
3MHz_High_16QAM_1@0	23.05	21.23	0.133	7	Pass
3MHz_High_16QAM_1@8	22.82	21.00	0.126	7	Pass
3MHz_High_16QAM_1@14	22.68	20.86	0.122	7	Pass
3MHz_High_16QAM_8@0	21.86	20.04	0.101	7	Pass
3MHz_High_16QAM_8@4	21.79	19.97	0.099	7	Pass
3MHz_High_16QAM_8@7	21.66	19.84	0.096	7	Pass
3MHz_High_16QAM_15@0	21.76	19.94	0.099	7	Pass
5MHz_Low_QPSK_1@0	23.74	21.92	0.156	7	Pass
5MHz_Low_QPSK_1@12	23.94	22.12	0.163	7	Pass
5MHz_Low_QPSK_1@24	23.74	21.92	0.156	7	Pass
5MHz_Low_QPSK_12@0	22.89	21.07	0.128	7	Pass
5MHz_Low_QPSK_12@7	22.78	20.96	0.125	7	Pass
5MHz_Low_QPSK_12@13	22.78	20.96	0.125	7	Pass
5MHz_Low_QPSK_25@0	22.82	21.00	0.126	7	Pass
5MHz_Low_16QAM_1@0	23.01	21.19	0.132	7	Pass
5MHz_Low_16QAM_1@12	22.82	21.00	0.126	7	Pass
5MHz_Low_16QAM_1@24	23.43	21.61	0.145	7	Pass
5MHz_Low_16QAM_12@0	21.73	19.91	0.098	7	Pass
5MHz_Low_16QAM_12@7	21.69	19.87	0.097	7	Pass
5MHz_Low_16QAM_12@13	21.60	19.78	0.095	7	Pass
5MHz_Low_16QAM_25@0	21.79	19.97	0.099	7	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
5MHz_Middle_QPSK_1@0	23.82	22.00	0.158	7	Pass
5MHz_Middle_QPSK_1@12	23.84	22.02	0.159	7	Pass
5MHz_Middle_QPSK_1@24	23.97	22.15	0.164	7	Pass
5MHz_Middle_QPSK_12@0	22.98	21.16	0.131	7	Pass
5MHz_Middle_QPSK_12@7	22.89	21.07	0.128	7	Pass
5MHz_Middle_QPSK_12@13	22.80	20.98	0.125	7	Pass
5MHz_Middle_QPSK_25@0	23.01	21.19	0.132	7	Pass
5MHz_Middle_16QAM_1@0	22.79	20.97	0.125	7	Pass
5MHz_Middle_16QAM_1@12	22.43	20.61	0.115	7	Pass
5MHz_Middle_16QAM_1@24	22.36	20.54	0.113	7	Pass
5MHz_Middle_16QAM_12@0	21.91	20.09	0.102	7	Pass
5MHz_Middle_16QAM_12@7	21.62	19.80	0.095	7	Pass
5MHz_Middle_16QAM_12@13	21.54	19.72	0.094	7	Pass
5MHz_Middle_16QAM_25@0	21.96	20.14	0.103	7	Pass
5MHz_High_QPSK_1@0	23.85	22.03	0.160	7	Pass
5MHz_High_QPSK_1@12	23.91	22.09	0.162	7	Pass
5MHz_High_QPSK_1@24	23.91	22.09	0.162	7	Pass
5MHz_High_QPSK_12@0	23.08	21.26	0.134	7	Pass
5MHz_High_QPSK_12@7	22.93	21.11	0.129	7	Pass
5MHz_High_QPSK_12@13	22.84	21.02	0.126	7	Pass
5MHz_High_QPSK_25@0	23.05	21.23	0.133	7	Pass
5MHz_High_16QAM_1@0	23.03	21.21	0.132	7	Pass
5MHz_High_16QAM_1@12	23.30	21.48	0.141	7	Pass
5MHz_High_16QAM_1@24	23.36	21.54	0.143	7	Pass
5MHz_High_16QAM_12@0	21.94	20.12	0.103	7	Pass
5MHz_High_16QAM_12@7	21.88	20.06	0.101	7	Pass
5MHz_High_16QAM_12@13	21.73	19.91	0.098	7	Pass
5MHz_High_16QAM_25@0	22.03	20.21	0.105	7	Pass
10MHz_Low_QPSK_1@0	23.75	21.93	0.156	7	Pass
10MHz_Low_QPSK_1@25	23.75	21.93	0.156	7	Pass
10MHz_Low_QPSK_1@49	23.89	22.07	0.161	7	Pass
10MHz_Low_QPSK_25@0	22.79	20.97	0.125	7	Pass
10MHz_Low_QPSK_25@12	22.90	21.08	0.128	7	Pass
10MHz_Low_QPSK_25@25	22.93	21.11	0.129	7	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_50@0	22.88	21.06	0.128	7	Pass
10MHz_Low_16QAM_1@0	22.82	21.00	0.126	7	Pass
10MHz_Low_16QAM_1@25	22.79	20.97	0.125	7	Pass
10MHz_Low_16QAM_1@49	22.89	21.07	0.128	7	Pass
10MHz_Low_16QAM_25@0	22.03	20.21	0.105	7	Pass
10MHz_Low_16QAM_25@12	21.94	20.12	0.103	7	Pass
10MHz_Low_16QAM_25@25	21.97	20.15	0.104	7	Pass
10MHz_Low_16QAM_50@0	21.97	20.15	0.104	7	Pass
10MHz_Middle_QPSK_1@0	23.90	22.08	0.161	7	Pass
10MHz_Middle_QPSK_1@25	23.99	22.17	0.165	7	Pass
10MHz_Middle_QPSK_1@49	23.94	22.12	0.163	7	Pass
10MHz_Middle_QPSK_25@0	23.10	21.28	0.134	7	Pass
10MHz_Middle_QPSK_25@12	22.94	21.12	0.129	7	Pass
10MHz_Middle_QPSK_25@25	23.01	21.19	0.132	7	Pass
10MHz_Middle_QPSK_50@0	23.06	21.24	0.133	7	Pass
10MHz_Middle_16QAM_1@0	23.48	21.66	0.147	7	Pass
10MHz_Middle_16QAM_1@25	23.06	21.24	0.133	7	Pass
10MHz_Middle_16QAM_1@49	22.87	21.05	0.127	7	Pass
10MHz_Middle_16QAM_25@0	21.94	20.12	0.103	7	Pass
10MHz_Middle_16QAM_25@12	21.99	20.17	0.104	7	Pass
10MHz_Middle_16QAM_25@25	21.98	20.16	0.104	7	Pass
10MHz_Middle_16QAM_50@0	21.87	20.05	0.101	7	Pass
10MHz_High_QPSK_1@0	23.97	22.15	0.164	7	Pass
10MHz_High_QPSK_1@25	23.95	22.13	0.163	7	Pass
10MHz_High_QPSK_1@49	23.83	22.01	0.159	7	Pass
10MHz_High_QPSK_25@0	22.93	21.11	0.129	7	Pass
10MHz_High_QPSK_25@12	22.93	21.11	0.129	7	Pass
10MHz_High_QPSK_25@25	23.04	21.22	0.132	7	Pass
10MHz_High_QPSK_50@0	23.05	21.23	0.133	7	Pass
10MHz_High_16QAM_1@0	23.66	21.84	0.153	7	Pass
10MHz_High_16QAM_1@25	23.68	21.86	0.153	7	Pass
10MHz_High_16QAM_1@49	23.03	21.21	0.132	7	Pass
10MHz_High_16QAM_25@0	22.06	20.24	0.106	7	Pass
10MHz_High_16QAM_25@12	22.06	20.24	0.106	7	Pass

Mode	Average Conducted Power(dBm)	ERP (dBm)	ERP (W)	Limit (W)	Verdict
10MHz_High_16QAM_25@25	22.09	20.27	0.106	7	Pass
10MHz_High_16QAM_50@0	22.03	20.21	0.105	7	Pass

Note:
ERP = Average Conducted Power(dBm) + Antenna Gain(dBd) - Cable Loss(dB)
Antenna Gain(dBd) = Antenna Gain(dBi) - 2.15
Band 5:
1.Antenna Gain = 0.83dBi;
2.Cable Loss = 0.5dB.

FCC Part 27

LTE Band 7, Normal

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_QPSK_1@0	23.82	24.62	0.290	2	Pass
5MHz_Low_QPSK_1@12	23.93	24.73	0.297	2	Pass
5MHz_Low_QPSK_1@24	23.81	24.61	0.289	2	Pass
5MHz_Low_QPSK_12@0	23.92	24.72	0.296	2	Pass
5MHz_Low_QPSK_12@7	23.82	24.62	0.290	2	Pass
5MHz_Low_QPSK_12@13	23.81	24.61	0.289	2	Pass
5MHz_Low_QPSK_25@0	23.87	24.67	0.293	2	Pass
5MHz_Low_16QAM_1@0	23.89	24.69	0.294	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
5MHz_Low_16QAM_1@12	23.71	24.51	0.282	2	Pass
5MHz_Low_16QAM_1@24	23.85	24.65	0.292	2	Pass
5MHz_Low_16QAM_12@0	23	23.80	0.240	2	Pass
5MHz_Low_16QAM_12@7	22.86	23.66	0.232	2	Pass
5MHz_Low_16QAM_12@13	22.94	23.74	0.237	2	Pass
5MHz_Low_16QAM_25@0	23.24	24.04	0.254	2	Pass
5MHz_Middle_QPSK_1@0	23.91	24.71	0.296	2	Pass
5MHz_Middle_QPSK_1@12	23.85	24.65	0.292	2	Pass
5MHz_Middle_QPSK_1@24	23.87	24.67	0.293	2	Pass
5MHz_Middle_QPSK_12@0	23.28	24.08	0.256	2	Pass
5MHz_Middle_QPSK_12@7	23.35	24.15	0.260	2	Pass
5MHz_Middle_QPSK_12@13	23.37	24.17	0.261	2	Pass
5MHz_Middle_QPSK_25@0	23.41	24.21	0.264	2	Pass
5MHz_Middle_16QAM_1@0	22.88	23.68	0.233	2	Pass
5MHz_Middle_16QAM_1@12	23.32	24.12	0.258	2	Pass
5MHz_Middle_16QAM_1@24	23.35	24.15	0.260	2	Pass
5MHz_Middle_16QAM_12@0	22.10	22.90	0.195	2	Pass
5MHz_Middle_16QAM_12@7	22.20	23.00	0.200	2	Pass
5MHz_Middle_16QAM_12@13	22.41	23.21	0.209	2	Pass
5MHz_Middle_16QAM_25@0	22.38	23.18	0.208	2	Pass
5MHz_High_QPSK_1@0	23.76	24.56	0.286	2	Pass
5MHz_High_QPSK_1@12	23.75	24.55	0.285	2	Pass
5MHz_High_QPSK_1@24	23.74	24.54	0.284	2	Pass
5MHz_High_QPSK_12@0	23.62	24.42	0.277	2	Pass
5MHz_High_QPSK_12@7	23.62	24.42	0.277	2	Pass
5MHz_High_QPSK_12@13	23.51	24.31	0.270	2	Pass
5MHz_High_QPSK_25@0	23.61	24.41	0.276	2	Pass
5MHz_High_16QAM_1@0	23.41	24.21	0.264	2	Pass
5MHz_High_16QAM_1@12	23.14	23.94	0.248	2	Pass
5MHz_High_16QAM_1@24	22.98	23.78	0.239	2	Pass
5MHz_High_16QAM_12@0	22.41	23.21	0.209	2	Pass
5MHz_High_16QAM_12@7	22.47	23.27	0.212	2	Pass
5MHz_High_16QAM_12@13	22.45	23.25	0.211	2	Pass
5MHz_High_16QAM_25@0	22.91	23.71	0.235	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_Low_QPSK_1@0	23.97	24.77	0.300	2	Pass
10MHz_Low_QPSK_1@25	23.92	24.72	0.296	2	Pass
10MHz_Low_QPSK_1@49	23.71	24.51	0.282	2	Pass
10MHz_Low_QPSK_25@0	23.98	24.78	0.301	2	Pass
10MHz_Low_QPSK_25@12	23.88	24.68	0.294	2	Pass
10MHz_Low_QPSK_25@25	23.89	24.69	0.294	2	Pass
10MHz_Low_QPSK_50@0	23.99	24.79	0.301	2	Pass
10MHz_Low_16QAM_1@0	23.92	24.72	0.296	2	Pass
10MHz_Low_16QAM_1@25	23.93	24.73	0.297	2	Pass
10MHz_Low_16QAM_1@49	23.83	24.63	0.290	2	Pass
10MHz_Low_16QAM_25@0	23.31	24.11	0.258	2	Pass
10MHz_Low_16QAM_25@12	23.06	23.86	0.243	2	Pass
10MHz_Low_16QAM_25@25	23.06	23.86	0.243	2	Pass
10MHz_Low_16QAM_50@0	23.12	23.92	0.247	2	Pass
10MHz_Middle_QPSK_1@0	23.86	24.66	0.292	2	Pass
10MHz_Middle_QPSK_1@25	23.87	24.67	0.293	2	Pass
10MHz_Middle_QPSK_1@49	23.77	24.57	0.286	2	Pass
10MHz_Middle_QPSK_25@0	23.39	24.19	0.262	2	Pass
10MHz_Middle_QPSK_25@12	23.38	24.18	0.262	2	Pass
10MHz_Middle_QPSK_25@25	23.47	24.27	0.267	2	Pass
10MHz_Middle_QPSK_50@0	23.34	24.14	0.259	2	Pass
10MHz_Middle_16QAM_1@0	23.40	24.20	0.263	2	Pass
10MHz_Middle_16QAM_1@25	23.40	24.20	0.263	2	Pass
10MHz_Middle_16QAM_1@49	23.57	24.37	0.274	2	Pass
10MHz_Middle_16QAM_25@0	22.11	22.91	0.195	2	Pass
10MHz_Middle_16QAM_25@12	22.23	23.03	0.201	2	Pass
10MHz_Middle_16QAM_25@25	22.51	23.31	0.214	2	Pass
10MHz_Middle_16QAM_50@0	22.30	23.10	0.204	2	Pass
10MHz_High_QPSK_1@0	23.95	24.75	0.299	2	Pass
10MHz_High_QPSK_1@25	23.87	24.67	0.293	2	Pass
10MHz_High_QPSK_1@49	23.74	24.54	0.284	2	Pass
10MHz_High_QPSK_25@0	23.78	24.58	0.287	2	Pass
10MHz_High_QPSK_25@12	23.76	24.56	0.286	2	Pass
10MHz_High_QPSK_25@25	23.71	24.51	0.282	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
10MHz_High_QPSK_50@0	23.70	24.50	0.282	2	Pass
10MHz_High_16QAM_1@0	23.94	24.74	0.298	2	Pass
10MHz_High_16QAM_1@25	23.91	24.71	0.296	2	Pass
10MHz_High_16QAM_1@49	23.94	24.74	0.298	2	Pass
10MHz_High_16QAM_25@0	22.86	23.66	0.232	2	Pass
10MHz_High_16QAM_25@12	23.04	23.84	0.242	2	Pass
10MHz_High_16QAM_25@25	22.90	23.70	0.234	2	Pass
10MHz_High_16QAM_50@0	22.65	23.45	0.221	2	Pass
15MHz_Low_QPSK_1@0	23.96	24.76	0.299	2	Pass
15MHz_Low_QPSK_1@37	23.95	24.75	0.299	2	Pass
15MHz_Low_QPSK_1@74	23.88	24.68	0.294	2	Pass
15MHz_Low_QPSK_36@0	23.70	24.50	0.282	2	Pass
15MHz_Low_QPSK_36@20	23.92	24.72	0.296	2	Pass
15MHz_Low_QPSK_36@39	23.73	24.53	0.284	2	Pass
15MHz_Low_QPSK_75@0	23.99	24.79	0.301	2	Pass
15MHz_Low_16QAM_1@0	23.96	24.76	0.299	2	Pass
15MHz_Low_16QAM_1@37	23.93	24.73	0.297	2	Pass
15MHz_Low_16QAM_1@74	23.96	24.76	0.299	2	Pass
15MHz_Low_16QAM_36@0	23.06	23.86	0.243	2	Pass
15MHz_Low_16QAM_36@20	22.83	23.63	0.231	2	Pass
15MHz_Low_16QAM_36@39	22.90	23.70	0.234	2	Pass
15MHz_Low_16QAM_75@0	23.07	23.87	0.244	2	Pass
15MHz_Middle_QPSK_1@0	23.95	24.75	0.299	2	Pass
15MHz_Middle_QPSK_1@37	23.96	24.76	0.299	2	Pass
15MHz_Middle_QPSK_1@74	23.84	24.64	0.291	2	Pass
15MHz_Middle_QPSK_36@0	23.30	24.10	0.257	2	Pass
15MHz_Middle_QPSK_36@20	23.38	24.18	0.262	2	Pass
15MHz_Middle_QPSK_36@39	23.59	24.39	0.275	2	Pass
15MHz_Middle_QPSK_75@0	23.38	24.18	0.262	2	Pass
15MHz_Middle_16QAM_1@0	23.41	24.21	0.264	2	Pass
15MHz_Middle_16QAM_1@37	23.76	24.56	0.286	2	Pass
15MHz_Middle_16QAM_1@74	23.86	24.66	0.292	2	Pass
15MHz_Middle_16QAM_36@0	22.22	23.02	0.200	2	Pass
15MHz_Middle_16QAM_36@20	22.37	23.17	0.207	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
15MHz_Middle_16QAM_36@39	22.59	23.39	0.218	2	Pass
15MHz_Middle_16QAM_75@0	22.35	23.15	0.207	2	Pass
15MHz_High_QPSK_1@0	23.98	24.78	0.301	2	Pass
15MHz_High_QPSK_1@37	23.94	24.74	0.298	2	Pass
15MHz_High_QPSK_1@74	23.90	24.70	0.295	2	Pass
15MHz_High_QPSK_36@0	23.81	24.61	0.289	2	Pass
15MHz_High_QPSK_36@20	23.82	24.62	0.290	2	Pass
15MHz_High_QPSK_36@39	23.69	24.49	0.281	2	Pass
15MHz_High_QPSK_75@0	23.70	24.50	0.282	2	Pass
15MHz_High_16QAM_1@0	23.92	24.72	0.296	2	Pass
15MHz_High_16QAM_1@37	23.90	24.70	0.295	2	Pass
15MHz_High_16QAM_1@74	23.92	24.72	0.296	2	Pass
15MHz_High_16QAM_36@0	22.62	23.42	0.220	2	Pass
15MHz_High_16QAM_36@20	22.82	23.62	0.230	2	Pass
15MHz_High_16QAM_36@39	22.77	23.57	0.228	2	Pass
15MHz_High_16QAM_75@0	22.78	23.58	0.228	2	Pass
20MHz_Low_QPSK_1@0	23.96	24.76	0.299	2	Pass
20MHz_Low_QPSK_1@49	23.92	24.72	0.296	2	Pass
20MHz_Low_QPSK_1@99	23.97	24.77	0.300	2	Pass
20MHz_Low_QPSK_50@0	23.87	24.67	0.293	2	Pass
20MHz_Low_QPSK_50@24	23.83	24.63	0.290	2	Pass
20MHz_Low_QPSK_50@50	23.61	24.41	0.276	2	Pass
20MHz_Low_QPSK_100@0	23.84	24.64	0.291	2	Pass
20MHz_Low_16QAM_1@0	23.63	24.43	0.277	2	Pass
20MHz_Low_16QAM_1@49	23.55	24.35	0.272	2	Pass
20MHz_Low_16QAM_1@99	23.38	24.18	0.262	2	Pass
20MHz_Low_16QAM_50@0	23.06	23.86	0.243	2	Pass
20MHz_Low_16QAM_50@24	22.77	23.57	0.228	2	Pass
20MHz_Low_16QAM_50@50	22.53	23.33	0.215	2	Pass
20MHz_Low_16QAM_100@0	22.76	23.56	0.227	2	Pass
20MHz_Middle_QPSK_1@0	23.92	24.72	0.296	2	Pass
20MHz_Middle_QPSK_1@49	23.94	24.74	0.298	2	Pass
20MHz_Middle_QPSK_1@99	23.87	24.67	0.293	2	Pass
20MHz_Middle_QPSK_50@0	23.36	24.16	0.261	2	Pass

Mode	Average Conducted Power(dBm)	EIRP (dBm)	EIRP (W)	Limit (W)	Verdict
20MHz_Middle_QPSK_50@24	23.38	24.18	0.262	2	Pass
20MHz_Middle_QPSK_50@50	23.59	24.39	0.275	2	Pass
20MHz_Middle_QPSK_100@0	23.40	24.20	0.263	2	Pass
20MHz_Middle_16QAM_1@0	23.67	24.47	0.280	2	Pass
20MHz_Middle_16QAM_1@49	23.96	24.76	0.299	2	Pass
20MHz_Middle_16QAM_1@99	23.93	24.73	0.297	2	Pass
20MHz_Middle_16QAM_50@0	22.34	23.14	0.206	2	Pass
20MHz_Middle_16QAM_50@24	22.41	23.21	0.209	2	Pass
20MHz_Middle_16QAM_50@50	22.54	23.34	0.216	2	Pass
20MHz_Middle_16QAM_100@0	22.34	23.14	0.206	2	Pass
20MHz_High_QPSK_1@0	25.01	25.81	0.381	2	Pass
20MHz_High_QPSK_1@49	23.87	24.67	0.293	2	Pass
20MHz_High_QPSK_1@99	23.87	24.67	0.293	2	Pass
20MHz_High_QPSK_50@0	23.91	24.71	0.296	2	Pass
20MHz_High_QPSK_50@24	23.80	24.60	0.288	2	Pass
20MHz_High_QPSK_50@50	23.73	24.53	0.284	2	Pass
20MHz_High_QPSK_100@0	23.74	24.54	0.284	2	Pass
20MHz_High_16QAM_1@0	23.82	24.62	0.290	2	Pass
20MHz_High_16QAM_1@49	23.70	24.50	0.282	2	Pass
20MHz_High_16QAM_1@99	23.92	24.72	0.296	2	Pass
20MHz_High_16QAM_50@0	22.90	23.70	0.234	2	Pass
20MHz_High_16QAM_50@24	22.78	23.58	0.228	2	Pass
20MHz_High_16QAM_50@50	22.71	23.51	0.224	2	Pass
20MHz_High_16QAM_100@0	22.75	23.55	0.226	2	Pass

Note:

EIRP = Average Conducted Power(dBm) + Antenna Gain(dBi) - Cable Loss(dB)

Band 7:

1.Antenna Gain = 1.8dBi;

2.Cable Loss = 1dB.

EXHIBIT A-EUT PHOTOGRAPHS

Please refer to the Attachment No.1 2504Y26988E-RF EUT External Photos and Attachment No.2 2504Y26988E-RF EUT Internal Photos.

EXHIBIT B-TEST SETUP PHOTOGRAPHS

Please refer to the Attachment No.5 2504Y26988E-RFE Test Photos.

***** END OF REPORT *****