

SZEMC-TRF-01 Rev. A/0 Aug01.2022

Report No.: SZCR230800247703

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# TEST REPORT

**Application No.:** SZCR2308002477AT

Applicant: Telit Cinterion Deutschland GmbH

Address of Applicant: Siemensdamm 50, Berlin 13629, Germany

Manufacturer: Thales DIS AIS Deutschland GmbH

Address of Manufacturer: Werinherstr. 81, 81541 Munich, Germany

Factory: Nanning Fulian Fugui Precision Industrial Co., Ltd.

Address of Factory: Factory B Foxconn Nanning Industrial Park No. 51, Tongle Road, Nanning

Guangxi 530033 China

**Equipment Under Test (EUT):** 

**EUT Name:** IoT Module Model No.: ELS62-W Trade Mark: **CINTERION** FCC ID: QIPELS62-W 47 CFR Part 2 Standard(s):

47 CFR Part 22 subpart H 47 CFR Part 24 subpart E 47 CFR Part 27 subpart C

2023-08-01 Date of Receipt:

2023-08-01 to 2023-08-28 Date of Test:

Date of Issue: 2023-08-29

**Test Result: Pass** 

**EMC Laboratory Manager** 

Ceny. xu



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<sup>\*</sup> In the configuration tested, the EUT complied with the standards specified above.



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	Revision Record					
Version	Chapter	Date	Modifier	Remark		
01		2023-08-29		Original		

Authorized for issue by:			
	Calvin Weng		
	Calvin Weng/Project Engineer	-	
	Exic Fu		
	Eric Fu/Reviewer	-	



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#### 2 **Test Summary**

Test Item	FCC Rule No.	Requirements	Verdict
Effective (Isotropic) Radiated Output Power Data	\$2.1046 \$22.913 \$24.232 \$27.50(a) \$27.50(d) \$27.50(h)	ERP≤ 7W(LTE Band 5) EIRP≤ 2W(LTE Band 2) EIRP≤ 250mW/5MHz(LTE Band 40) EIRP≤ 1W(LTE Band 4,66) EIRP≤ 2W(LTE Band 7,38,41)	PASS
Peak-Average Ratio	§22.913 §24.232 §27.50(d)	≤13dB	PASS
Modulation Characteristics	§2.1047	Digital modulation	PASS
Bandwidth	§2.1049(h)	OBW: No limit EBW: No limit	PASS
Band Edge Compliance	\$2.1051 \$22.917 \$24.238 \$27.50(h) \$27.50(m) \$27.53(a)	≤ -13dBm (LTE Band5) ≤ -13dBm (LTE Band2) ≤ -13dBm (LTE Band4,66) Refer to clause 6.4 for LTE Band7,38,41 Refer to clause 6.4 for LTE Band40	PASS
Spurious emissions at antenna terminals	§2.1051 §22.917 §24.238 §27.50(h) §27.50(m) §27.53(a)	≤ -13dBm (LTE Band5) ≤ -13dBm (LTE Band2) ≤ -13dBm (LTE Band4,66) Refer to clause 6.5 for LTE Band7,38,41 Refer to clause 6.5 for LTE Band40	PASS
Field strength of spurious radiation	\$2.1051 \$22.917 \$24.238 \$27.50(h) \$27.50(m) \$27.53(a)	≤ -13dBm (LTE Band5) ≤ -13dBm (LTE Band2) ≤ -13dBm (LTE Band4,66) Refer to clause 6.6 for LTE Band7,38,41 Refer to clause 6.6 for LTE Band40	PASS
Frequency stability	§2.1055 §22.355 §24.235 §27.54	≤ ±2.5ppm.	PASS



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# **General Information**

## 4.1 Details of E.U.T.

Power supply:	For RF module: DC3.8V For mother board: DC12V	
Mother Board:	Manufacture: Telit Cinterion Deutschland GmbH M/N; DSB75 Development Support Board	
Sample Type:	Mobile production	
LTE Operation Frequency Band:	LTE FDD Band 2,4,5,7,38,40,41(2535MHz-2675MHz),66	
Modulation Type:	QPSK, 16QAM	
LTE Power Class:	Level 3	
Antenna Type:	Dipole Antenna	
Antenna Gain:	LTE B2:2.17dBi, B4: 2.17dBi, B5: 5.17dBi, B7:0dBi; B38: 0dBi; B40:0dBi, B41: 0dBi; B66: 2.17dBi	

#### 4.2 Test Frequency

equency  Nominal RF Channel				
Test mode:	Bandwidth (MHz)	Low (L)	Middle (M)	High (H)
		MHz	MHz	MHz
	1.4	1850.7	1880	1909.3
	3	1851.5	1880	1908.5
LTE FDD	5	1852.5	1880	1907.5
Band 2	10	1855.0	1880	1905.0
	15	1857.5	1880	1902.5
	20	1860.0	1880	1900.0
	Nominal Bandwidth (MHz)	RF Channel		
Test mode:		Low (L)	Middle (M)	High (H)
		MHz	MHz	MHz
	1.4	1710.7	1732.5	1754.3
	3	1711.5	1732.5	1751.5
LTE FDD	5	1712.5	1732.5	1752.5
Band 4	10	1715.0	1732.5	1750.0
	15	1717.5	1732.5	1747.5
	20	1720.0	1732.5	1745.0
	Nominal	RF Channel		
Test mode:	Bandwidth	Low (L)	Middle (M)	High (H)
	(MHz)	MHz	MHz	MHz



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,				
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	
Nominal		RF Channel		
	Low (L)	Middle (M)	High (H)	
(IVIFIZ)	MHz	MHz	MHz	
5	2502.5	2535.0	2567.5	
10	2505.0	2535.0	2565.0	
15	2507.5	2535.0	2562.5	
20	2510.0	2535.0	2560.0	
Nominal		RF Channel		
	Low (L)	Middle (M)	High (H)	
(IVIFIZ)	MHz	MHz	MHz	
5	2572.5	2595.0	2617.5	
10	2575.0	2595.0	2615.0	
15	2577.5	2595.0	2612.5	
20	2580.0	2595.0	2610.0	
Nominal Bandwidth	RF Channel			
	Low (L)	Middle (M)	High (H)	
(IVITIZ)	MHz	MHz	MHz	
5	2307.5	2310.0	2312.5	
10	/	2310.0	/	
Nominal	RF Channel			
	Low (L)	Middle (M)	High (H)	
(IVITIZ)	MHz	MHz	MHz	
5	2352.5	2355.0	2357.5	
10	/	2355.0	/	
Nominal		RF Channel		
	Low (L)	Middle (M)	High (H)	
(IVIITZ)	MHz	MHz	MHz	
5	2537.5	2605.0	2672.5	
10	2540.0	2605.0	2670.0	
10	20 1010			
15	2542.5	2605.0	2667.5	
	3 5 10 Nominal Bandwidth (MHz) 5 10 15 20 Nominal Bandwidth (MHz) 5 10 15 20 Nominal Bandwidth (MHz) 5 10 Nominal Bandwidth (MHz)	3       825.5         5       826.5         10       829.0         Nominal Bandwidth (MHz)         10       2502.5         10       2505.0         15       2507.5         20       2510.0         Nominal Bandwidth (MHz)         10       2575.0         15       2577.5         20       2580.0         Nominal Bandwidth (MHz)         10       /         10       /         10       /         10       /         10       /         10       /         10       /         10       /         10       /         10       /         10       /         10       /         10       /         10       /         10       /         10       /	3       825.5       836.5         5       826.5       836.5         10       829.0       836.5         Nominal Bandwidth (MHz)         MHz       MHz         5       2502.5       2535.0         10       2505.0       2535.0         15       2507.5       2535.0         20       2510.0       2535.0         Nominal Bandwidth (MHz)       RF Channel         Low (L)       Middle (M)         MHz       MHz         5       2572.5       2595.0         10       2575.0       2595.0         15       2577.5       2595.0         10       2577.5       2595.0         Nominal Bandwidth (MHz)       RF Channel         Low (L)       Middle (M)         MHz       MHz         5       2352.5       2355.0         10       /       2355.0         Nominal Bandwidth (MHz)       RF Channel         Low (L)       Middle (M)         Nominal Bandwidth (MHz)       RF Channel         Low (L)       Middle (M)         MHz       MHz         5       2352.5       2355.0	



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	Nominal	RF Channel			
Test mode:	Bandwidth	Low (L)	Middle (M)	High (H)	
	(MHz)	MHz	MHz	MHz	
	1.4	1710.7	1745.0	1779.3	
	3	1711.5	1745.0	1778.5	
LTE FDD	5	1712.5	1745.0	1777.5	
Band 66	10	1715.0	1745.0	1775.0	
	15	1717.5	1745.0	1772.5	
	20	1720.0	1745.0	1770.0	



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#### 4.3 Test Environment

Environment Parameter	Selected Values During Tests			
	TL	-30°C		
Temperature:	TN	+20°C		
	TH	+50°C		
	VL	3.23 Vdc		
Voltage:	VN	3.8 Vdc		
	VH	4.37 Vdc		

NOTE: VL= lower extreme test voltage

VN= nominal voltage

VH= upper extreme test voltage TL= lower extreme test temperature

TN= normal temperature

TH= upper extreme test temperature

Remark: test condition for temperature range and voltage range are specified by FCC Part 2.1055.

## 4.4 Description of Support Units

The EUT has been tested independent unit.

#### 4.5 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	± 5.4 x 10 <sup>-8</sup>
2	Duty cycle	± 0.3%
3	Occupied Bandwidth	± 3%
4	RF conducted power	± 0.8dB
5	RF power density	± 0.4dB
6	Conducted Spurious emissions	± 2.7dB
7	Dadieted Courieus emission test	± 3.1dB (Below 1GHz)
_ ′	Radiated Spurious emission test	± 4.4dB (Above 1GHz)
8	Temperature test	± 1°C
9	Humidity test	± 3%
10	Supply voltages	± 1.5%
11	Time	± 3%



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#### 4.6 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China. 518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

### 4.7 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

VCCI (Member No. 1937)

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

• FCC -Designation Number: CN1336

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.

Innovation, Science and Economic Development Canada

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

#### 4.8 Deviation from Standards

None

#### 4.9 Abnormalities from Standard Conditions

None



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#### 5 **Equipment List**

Test Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	SAEMC	MSR733	SEM001-09	2022-05-14	2025-05-13
MXA Signal Analyzer	KEYSIGHT	N9020B	SEM004-17	2023-03-20	2024-03-14
Mobile Communications DC Source	Agilent	66319D	SEM011-12	2023-05-06	2024-05-05
Manual Step Attenuator	KEYSIGHT	8494B	SEM021-05	2023-04-06	2024-04-05
Manual Step Attenuator	KEYSIGHT	8496B	SEM021-06	2023-04-06	2024-04-05
Power Sensor	KEYSIGHT	U2021XA	SEM009-15	2023-04-06	2024-04-05
Universal Radio Communication Tester	Rohde & Schwarz	CMW 500	SEM010-03	2023-03-28	2024-03-27
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2023-04-06	2024-04-05
Coaxial Cable	SGS	N/A	SEM031-01	2023-07-07	2024-07-06

RE in Chamber	RE in Chamber										
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date						
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2022-04-02	2025-04-01						
EXA Signal Analyzer (10Hz-44GHz)	Agilent Technologies Inc	N9010A	SEM004-12	2023-04-06	2024-04-05						
BiConiLog Antenna (26-3000MHz)	ETS-Lindgren	3142C	SEM003-01	2021-09-17	2023-09-16						
Horn Antenna (800MHz-18GHz)	Rohde & Schwarz	HF907	SEM003-07	2022-07-24	2024-07-23						
Horn Antenna (15-40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2022-08-10	2024-08-09						
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9120D	SEM003-32	2021-09-26	2024-09-25						
Amplifier (0.1-1300MHz)	HP	8447D	SEM005-02	2022-09-15	2023-09-14						
Microwave System Amplifier(0.5-26.5GHz)	Agilent	83017A	SEM005-25	2022-09-21	2023-09-20						
Pre-amplifier (26- 40GHz)	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2023-03-21	2024-03-20						
Substitution Antenna	Schwarzbeck	VULB9168	SEM003-18	2022-08-07	2025-08-06						



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Substitution Antenna	Rohde&Schwarz	HF907	SEM003-06	2022-08-07	2024-08-06
Signal Generator(9kHz- 40GHz)	N5173B	MY53270267	Agilent	2023-07-11	2024-07-10
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-06	2023-07-07	2024-07-06

General used equipment										
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date					
Humidity/ Temperature Indicator	Mingle	N/A	SEM002-08	2022-09-04	2023-09-03					
Humidity/ Temperature Indicator	Anymetre	TH101B	SEM002-09	2022-09-04	2023-09-03					
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2023-03-20	2024-03-19					



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# **Radio Spectrum Matter Test Results**

#### 6.1 Effective (Isotropic) Radiated Output Power Data

Test Requirement: §2.1046,§22.913,§24.232, §27.50(a),§27.50(d),§27.50(h)

Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01

ERP≤ 7W(LTE Band 5) I imit:

EIRP≤ 2W(LTE Band 2)

EIRP≤ 250mW/5MHz(LTE Band 40)

EIRP≤ 1W(LTE Band 4,66) EIRP≤ 2W(LTE Band 7,38,41)

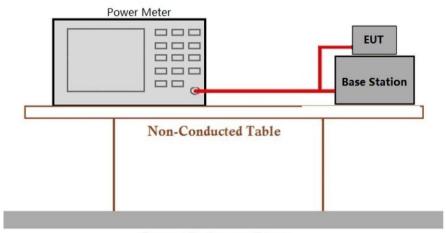
#### 6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 21.5 °C Humidity: 51 % RH Atmospheric Pressure: 1000 mbar

Test mode 11: TX mode\_Keep the EUT in transmitting mode

### 6.1.2 Test Setup Diagram



Ground Reference Plane

#### 6.1.3 Measurement Data

Please refer to Appendix for LTE test data.



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### 6.2 Peak-Average Ratio

§22.913, §24.232, §27.50(d) Test Requirement:

Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01

Limit: ≤13dB

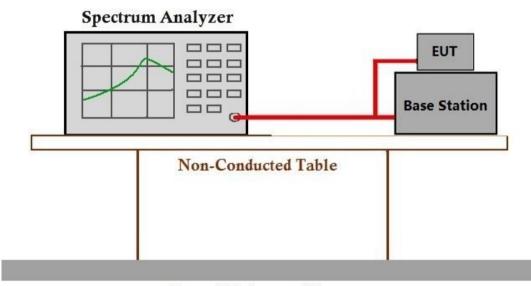
### 6.2.1 E.U.T. Operation

Operating Environment:

Atmospheric Pressure: 1000 mbar Temperature: 21.5 °C Humidity: 51 % RH

Test mode 11: TX mode\_Keep the EUT in transmitting mode

#### 6.2.2 Test Setup Diagram



Ground Reference Plane

#### 6.2.3 Measurement Data

Please refer to Appendix for LTE test data.



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#### 6.3 Bandwidth

Test Requirement: §2.1049(h)

Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01

I imit: **OBW:** No limit

EBW: No limit

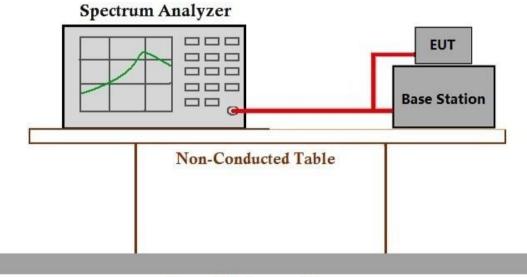
#### 6.3.1 E.U.T. Operation

Operating Environment:

Temperature: 21.5 °C Humidity: 51 % RH Atmospheric Pressure: 1000 mbar

Test mode 11: TX mode Keep the EUT in transmitting mode

#### 6.3.2 Test Setup Diagram



Ground Reference Plane

#### 6.3.3 Measurement Data

Please refer to Appendix for LTE test data.



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#### 6.4 Band Edge Compliance

§2.1051,§22.917,§24.238,§27.50(h),§27.50(m),§27.53(a) Test Requirement:

Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01

-13dBm (LTE Band2,4,5,66) Limit:

For Band7,38,41:

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

adjacent channel BRS or EBS licensees.

For Band40:

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

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

(iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

#### 6.4.1 E.U.T. Operation

Operating Environment:

Temperature: 21.5 °C % RH Humidity: 51 Atmospheric Pressure: 1000 mbar

Test mode 11: TX mode Keep the EUT in transmitting mode



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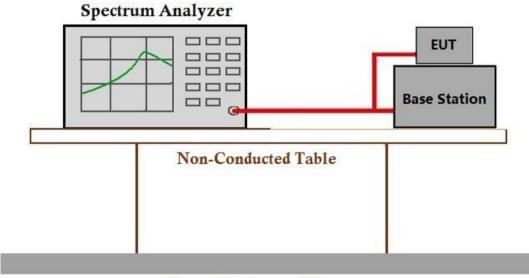


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### 6.4.2 Test Setup Diagram



Ground Reference Plane

#### 6.4.3 Measurement Data

Please refer to Appendix for LTE test data.



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#### 6.5 Spurious emissions at antenna terminals

§2.1051,§22.917,§24.238,§27.50(h),§27.50(m),§27.53(a) Test Requirement:

Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01

-13dBm (LTE Band2,4,5,66) Limit:

For Band7,38,41:

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

For Band40:

- (i) By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337 MHz;
- (ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz;
- (iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

#### 6.5.1 E.U.T. Operation

Operating Environment:

Temperature: 21.5 °C Humidity: 51 % RH Atmospheric Pressure: 1000 mbar

Test mode 11: TX mode Keep the EUT in transmitting mode



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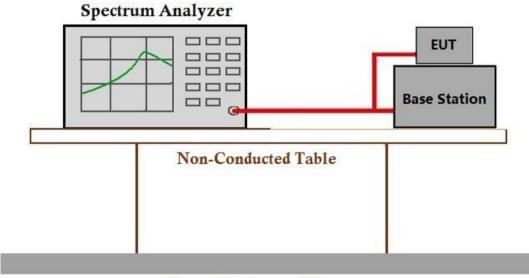


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### 6.5.2 Test Setup Diagram



Ground Reference Plane

#### 6.5.3 Measurement Data

Please refer to Appendix for LTE test data.



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#### 6.6 Field strength of spurious radiation

§2.1051,§22.917,§24.238,§27.50(h),§27.50(m),§27.53(a) Test Requirement:

Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01

-13dBm (LTE Band2,4,5,66) Limit:

For Band7,38,41:

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

For Band40:

- (i) By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337 MHz;
- (ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz;
- (iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

#### 6.6.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C Humidity: 47.5 % RH Atmospheric Pressure: 1000 mbar

Test mode 11: TX mode\_Keep the EUT in transmitting mode



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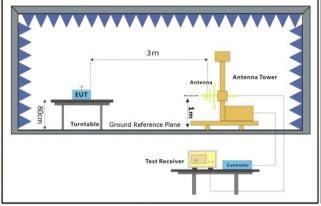


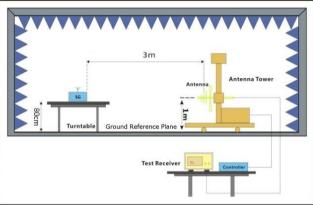
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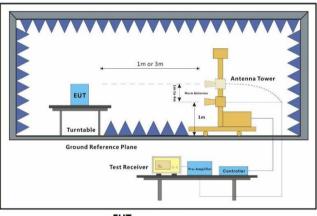
### 6.6.2 Test Setup Diagram

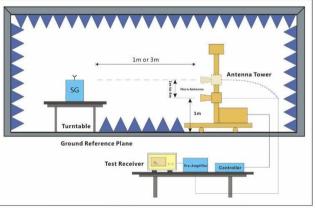




EUT

Substiute Antenna+Signal Generator





EUT

Substiute Antenna+Signal Generator



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## 6.6.3 Measurement Procedure and Data

#### Test Procedure:

- (1)On a test site, the EUT shall be placed on a turntable and in the position closest to the normal use as declared by the user.
- (2) The test antenna shall be oriented initially for vertical polarization located 3m from the EUT to correspond to the transmitter.
- (3) The output of the antenna shall be connected to the measuring receiver and either a peak or quasi-peak detector was used for the measurement as indicated on the report. The detector selection is based on how close the emission level was approaching the limit.
- (4) The transmitter shall be switched on; if possible, without the modulation and the measurement receiver shall be tuned to the frequency of the transmitter under test.
- (5) The test antenna shall be raised and lowered through the specified range of height until the measuring receiver detects a maximum signal level.
- (6) The transmitter shall than be rotated through 360 in the horizontal plane, until the maximum signal level is detected by the measuring receiver.
- (7) The test antenna shall be raised and lowered again through the specified range of height until the measuring receiver detects a maximum signal level.
- (8) The maximum signal level detected by the measuring receiver shall be noted.
- (9) The measurement shall be repeated with the test antenna set to horizontal polarization.
- (10) Replace the antenna with a proper Antenna (substitution antenna).
- (11)The substitution antenna shall be oriented for vertical polarization and, if necessary, the length of the substitution antenna shall be adjusted to correspond to the frequency of transmitting.
- (12) The substitution antenna shall be connected to a calibrated signal generator.
- (13)If necessary, the input attenuator setting of the measuring receiver shall be adjusted in order to increase the sensitivity of the measuring receiver.
- (14) The test antenna shall be raised and lowered through the specified range of the height to ensure that the maximum signal is received.
- (15) The input signal to substitution antenna shall be adjusted to the level that produces a level detected by the measuring receiver, that is equal to the level noted while the transmitter radiated power was measured, corrected for the change of input attenuation setting of the measuring receiver.
- (16) The input level to the substitution antenna shall be recorded as power level in dBm, corrected for any change of input attenuator setting of the measuring receiver.
- (17)The measurement shall be repeated with the test antenna and the substitution antenna oriented for horizontal polarization.



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	FDD I	TE Band2-Lo	w channel, Mo	dulation: (	QPSK, Band	width: 20MH	Hz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3702	-55.65	-13	-42.65	-62.54	0.71	7.6	Horizontal	Pass
5553	-52.88	-13	-39.88	-62.33	0.85	10.3	Horizontal	Pass
7404	-50.41	-13	-37.41	-62.31	1	12.9	Horizontal	Pass
3702	-55.16	-13	-42.16	-62.05	0.71	7.6	Vertical	Pass
5553	-52.44	-13	-39.44	-61.89	0.85	10.3	Vertical	Pass
7404	-50.67	-13	-37.67	-62.57	1	12.9	Vertical	Pass

	FDD L	ΓΕ Band2-Mido	dle channel, M	lodulation:	QPSK, Ba	ndwidth: 20N	lHz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3742	-55.88	-13	-42.88	-62.77	0.71	7.6	Horizontal	Pass
5613	-53.12	-13	-40.12	-62.57	0.85	10.3	Horizontal	Pass
7484	-49.13	-13	-36.13	-61.03	1	12.9	Horizontal	Pass
3742	-56.12	-13	-43.12	-63.01	0.71	7.6	Vertical	Pass
5613	-53.52	-13	-40.52	-62.97	0.85	10.3	Vertical	Pass
7484	-49.02	-13	-36.02	-60.92	1	12.9	Vertical	Pass

	FDD L	TE Band2-Hig	gh channel, Mo	odulation: (	QPSK, Band	lwidth: 20Ml	Hz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3782	-54.41	-13	-41.41	-61.3	0.71	7.6	Horizontal	Pass
5673	-52.65	-13	-39.65	-62.1	0.85	10.3	Horizontal	Pass
7564	-48.91	-13	-35.91	-61.12	0.99	13.2	Horizontal	Pass
3782	-54.1	-13	-41.1	-60.99	0.71	7.6	Vertical	Pass
5673	-53.47	-13	-40.47	-62.92	0.85	10.3	Vertical	Pass
7564	-49.91	-13	-36.91	-62.12	0.99	13.2	Vertical	Pass



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	FDD I	TE Band4-Lo	w channel, Mo	dulation: (	QPSK, Band	width: 20MH	Hz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3422	-56.34	-13	-43.34	-61.89	0.65	6.2	Horizontal	Pass
5133	-53.44	-13	-40.44	-62.22	0.82	9.6	Horizontal	Pass
6844	-51.84	-13	-38.84	-62.69	0.95	11.8	Horizontal	Pass
3422	-56.14	-13	-43.14	-61.69	0.65	6.2	Vertical	Pass
5133	-53.77	-13	-40.77	-62.55	0.82	9.6	Vertical	Pass
6844	-52	-13	-39	-62.85	0.95	11.8	Vertical	Pass

	FDD L	ΓΕ Band4-Mido	dle channel, M	lodulation:	QPSK, Bai	ndwidth: 20M	IHz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3447	-56.55	-13	-43.55	-62.1	0.65	6.2	Horizontal	Pass
5170.5	-52.69	-13	-39.69	-61.47	0.82	9.6	Horizontal	Pass
6894	-52.37	-13	-39.37	-63.22	0.95	11.8	Horizontal	Pass
3447	-56.43	-13	-43.43	-61.98	0.65	6.2	Vertical	Pass
5170.5	-53.46	-13	-40.46	-62.24	0.82	9.6	Vertical	Pass
6894	-52.49	-13	-39.49	-63.34	0.95	11.8	Vertical	Pass

	FDD L	TE Band4-Hig	gh channel, Mo	odulation: (	QPSK, Band	lwidth: 20Ml	Hz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3472	-56.13	-13	-43.13	-61.68	0.65	6.2	Horizontal	Pass
5208	-52.91	-13	-39.91	-61.69	0.82	9.6	Horizontal	Pass
6944	-51.45	-13	-38.45	-62.3	0.95	11.8	Horizontal	Pass
3472	-55.79	-13	-42.79	-61.34	0.65	6.2	Vertical	Pass
5208	-52.58	-13	-39.58	-61.36	0.82	9.6	Vertical	Pass
6944	-51.66	-13	-38.66	-62.51	0.95	11.8	Vertical	Pass



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	FDD I	_TE Band5-Lo	w channel, Mo	dulation: (	QPSK, Band	width: 10MF	Hz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1649	-63.92	-13	-50.92	-69.4	0.52	6	Horizontal	Pass
2473.5	-52.43	-13	-39.43	-57.7	0.53	5.8	Horizontal	Pass
3298	-56.76	-13	-43.76	-62.31	0.65	6.2	Horizontal	Pass
1649	-64.75	-13	-51.75	-70.23	0.52	6	Vertical	Pass
2473.5	-54.13	-13	-41.13	-59.4	0.53	5.8	Vertical	Pass
3298	-57.06	-13	-44.06	-62.61	0.65	6.2	Vertical	Pass

	FDD L1	ΓΕ Band5-Midd	dle channel, M	lodulation:	QPSK, Bai	ndwidth: 10N	IHz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1664	-64.69	-13	-51.69	-70.17	0.52	6	Horizontal	Pass
2496	-59.64	-13	-46.64	-64.91	0.53	5.8	Horizontal	Pass
3328	-56.22	-13	-43.22	-61.77	0.65	6.2	Horizontal	Pass
1664	-65.52	-13	-52.52	-71	0.52	6	Vertical	Pass
2496	-58.85	-13	-45.85	-64.12	0.53	5.8	Vertical	Pass
3328	-56.34	-13	-43.34	-61.89	0.65	6.2	Vertical	Pass

	FDD L	TE Band5-Hig	gh channel, Mo	odulation:	QPSK, Band	lwidth: 10Ml	Hz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1679	-63.52	-13	-50.52	-69	0.52	6	Horizontal	Pass
2518.5	-60.7	-13	-47.7	-65.41	0.59	5.3	Horizontal	Pass
3358	-56.1	-13	-43.1	-61.65	0.65	6.2	Horizontal	Pass
1679	-64.8	-13	-51.8	-70.28	0.52	6	Vertical	Pass
2518.5	-60.59	-13	-47.59	-65.3	0.59	5.3	Vertical	Pass
3358	-56.31	-13	-43.31	-61.86	0.65	6.2	Vertical	Pass



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Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002	-53.5	-25	-28.5	-62.28	0.82	9.6	Horizontal	Pass
7503	-49.89	-25	-24.89	-62.1	0.99	13.2	Horizontal	Pass
10004	-47.48	-25	-22.48	-58.92	1.26	12.7	Horizontal	Pass
5002	-53.53	-25	-28.53	-62.31	0.82	9.6	Vertical	Pass
7503	-48.9	-25	-23.9	-61.11	0.99	13.2	Vertical	Pass
10004	-47.96	-25	-22.96	-59.4	1.26	12.7	Vertical	Pass

	FDD LTE Band7-Middle channel, Modulation: QPSK, Bandwidth: 20MHz, 1 RB0										
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result			
5052	-53.3	-25	-28.3	-62.08	0.82	9.6	Horizontal	Pass			
7578	-50.64	-25	-25.64	-62.85	0.99	13.2	Horizontal	Pass			
10104	-47.21	-25	-22.21	-58.65	1.26	12.7	Horizontal	Pass			
5052	-53.82	-25	-28.82	-62.6	0.82	9.6	Vertical	Pass			
7578	-49.76	-25	-24.76	-61.97	0.99	13.2	Vertical	Pass			
10104	-46.95	-25	-21.95	-58.39	1.26	12.7	Vertical	Pass			

	FDD L	TE Band7-Hig	jh channel, Mo	odulation: (	QPSK, Band	lwidth: 20Ml	Hz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5102	-53.88	-25	-28.88	-62.66	0.82	9.6	Horizontal	Pass
7653	-50.11	-25	-25.11	-62.32	0.99	13.2	Horizontal	Pass
10004	-48.3	-25	-23.3	-59.74	1.26	12.7	Horizontal	Pass
5102	-52.5	-25	-27.5	-61.28	0.82	9.6	Vertical	Pass
7653	-50.09	-25	-25.09	-62.3	0.99	13.2	Vertical	Pass
10004	-48.05	-25	-23.05	-59.49	1.26	12.7	Vertical	Pass



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	FDD L	TE Band38-Lo	w channel, M	odulation:	QPSK, Band	dwidth: 20M	Hz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5142	-54.76	-25	-29.76	-63.54	0.82	9.6	Horizontal	Pass
7713	-51.11	-25	-26.11	-63.32	0.99	13.2	Horizontal	Pass
10284	-48.14	-25	-23.14	-59.58	1.26	12.7	Horizontal	Pass
5142	-53.68	-25	-28.68	-62.46	0.82	9.6	Vertical	Pass
7713	-49.77	-25	-24.77	-61.98	0.99	13.2	Vertical	Pass
10284	-48.53	-25	-23.53	-59.97	1.26	12.7	Vertical	Pass

	FDD LTE Band38-Middle channel, Modulation: QPSK, Bandwidth: 20MHz, 1 RB0										
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result			
5172	-54.49	-25	-29.49	-63.27	0.82	9.6	Horizontal	Pass			
7758	-50.7	-25	-25.7	-62.91	0.99	13.2	Horizontal	Pass			
10344	-48.11	-25	-23.11	-59.55	1.26	12.7	Horizontal	Pass			
5172	-54.71	-25	-29.71	-63.49	0.82	9.6	Vertical	Pass			
7758	-50.75	-25	-25.75	-62.96	0.99	13.2	Vertical	Pass			
10344	-48.38	-25	-23.38	-59.82	1.26	12.7	Vertical	Pass			

	FDD L	TE Band38-Hi	gh channel, M	odulation:	QPSK, Ban	dwidth: 20M	Hz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5202	-53.61	-25	-28.61	-62.39	0.82	9.6	Horizontal	Pass
7803	-51.46	-25	-26.46	-63.67	0.99	13.2	Horizontal	Pass
10404	-47.27	-25	-22.27	-58.71	1.26	12.7	Horizontal	Pass
5202	-53.19	-25	-28.19	-61.97	0.82	9.6	Vertical	Pass
7803	-51.35	-25	-26.35	-63.56	0.99	13.2	Vertical	Pass
10404	-47.62	-25	-22.62	-59.06	1.26	12.7	Vertical	Pass



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	FDD LTE	E Band40A-Mid	ddle channel,	Modulation	n: QPSK, B	andwidth: 10	MHz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4611	-54.88	-40	-14.88	-63.82	0.76	9.7	Horizontal	Pass
6916.5	-52.01	-40	-12.01	-62.86	0.95	11.8	Horizontal	Pass
9222	-48.33	-40	-8.33	-59.5	1.23	12.4	Horizontal	Pass
4611	-53.58	-40	-13.58	-62.52	0.76	9.7	Vertical	Pass
6916.5	-50.93	-40	-10.93	-61.78	0.95	11.8	Vertical	Pass
9222	-47.72	-40	-7.72	-58.89	1.23	12.4	Vertical	Pass

	FDD LTE	Band40B-Mi	ddle channel,	Modulation	n: QPSK, Ba	ndwidth: 10	MHz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4701	-54.31	-40	-14.31	-63.25	0.76	9.7	Horizontal	Pass
7051.5	-49.78	-40	-9.78	-61.68	1	12.9	Horizontal	Pass
9402	-47.88	-40	-7.88	-59.05	1.23	12.4	Horizontal	Pass
4701	-54.5	-40	-14.5	-63.44	0.76	9.7	Vertical	Pass
7051.5	-50.69	-40	-10.69	-62.59	1	12.9	Vertical	Pass
9402	-47.91	-40	-7.91	-59.08	1.23	12.4	Vertical	Pass



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	FDD L	TE Band41-Lo	w channel, M	odulation:	QPSK, Band	dwidth: 20M	Hz, 1 RB0	
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4994	-53.6	-25	-28.6	-62.54	0.76	9.7	Horizontal	Pass
7491	-50.37	-25	-25.37	-62.27	1	12.9	Horizontal	Pass
9988	-47.26	-25	-22.26	-58.99	1.27	13	Horizontal	Pass
4994	-52.68	-25	-27.68	-61.62	0.76	9.7	Vertical	Pass
7491	-49.35	-25	-24.35	-61.25	1	12.9	Vertical	Pass
9988	-47.41	-25	-22.41	-59.14	1.27	13	Vertical	Pass

FDD LTE Band41-Middle channel, Modulation: QPSK, Bandwidth: 20MHz, 1 RB0										
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result		
5168	-53.56	-25	-28.56	-62.34	0.82	9.6	Horizontal	Pass		
7752	-50.4	-25	-25.4	-62.61	0.99	13.2	Horizontal	Pass		
10336	-47.69	-25	-22.69	-59.13	1.26	12.7	Horizontal	Pass		
5168	-53.43	-25	-28.43	-62.21	0.82	9.6	Vertical	Pass		
7752	-49.94	-25	-24.94	-62.15	0.99	13.2	Vertical	Pass		
10336	-49.13	-25	-24.13	-60.57	1.26	12.7	Vertical	Pass		

	FDD LTE Band41-High channel, Modulation: QPSK, Bandwidth: 20MHz, 1 RB0										
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result			
5342	-52.96	-25	-27.96	-61.74	0.82	9.6	Horizontal	Pass			
8013	-48.87	-25	-23.87	-60.76	1.01	12.9	Horizontal	Pass			
10684	-47.19	-25	-22.19	-59.2	1.49	13.5	Horizontal	Pass			
5342	-54.18	-25	-29.18	-62.96	0.82	9.6	Vertical	Pass			
8013	-49.28	-25	-24.28	-61.17	1.01	12.9	Vertical	Pass			
10684	-46.96	-25	-21.96	-58.97	1.49	13.5	Vertical	Pass			



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	FDD LTE Band66-Low channel, Modulation: QPSK, Bandwidth: 20MHz, 1 RB0										
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result			
3422	-56.25	-13	-43.25	-61.8	0.65	6.2	Horizontal	Pass			
5133	-53.34	-13	-40.34	-62.12	0.82	9.6	Horizontal	Pass			
6844	-51.78	-13	-38.78	-62.63	0.95	11.8	Horizontal	Pass			
3422	-56.88	-13	-43.88	-62.43	0.65	6.2	Vertical	Pass			
5133	-53.25	-13	-40.25	-62.03	0.82	9.6	Vertical	Pass			
6844	-52.66	-13	-39.66	-63.51	0.95	11.8	Vertical	Pass			

FDD LTE Band66-Middle channel, Modulation: QPSK, Bandwidth: 20MHz, 1 RB0										
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result		
3447	-56.61	-13	-43.61	-62.16	0.65	6.2	Horizontal	Pass		
5170.5	-53.02	-13	-40.02	-61.8	0.82	9.6	Horizontal	Pass		
6894	-51.91	-13	-38.91	-62.76	0.95	11.8	Horizontal	Pass		
3447	-56.61	-13	-43.61	-62.16	0.65	6.2	Vertical	Pass		
5170.5	-53.02	-13	-40.02	-61.8	0.82	9.6	Vertical	Pass		
6894	-51.29	-13	-38.29	-62.14	0.95	11.8	Vertical	Pass		

	FDD LTE Band66-High channel, Modulation: QPSK, Bandwidth: 20MHz, 1 RB0										
Frequency (MHz)	EIRP (dBm)	Limit(dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result			
3472	-56.36	-13	-43.36	-63.25	0.71	7.6	Horizontal	Pass			
5208	-53.96	-13	-40.96	-62.74	0.82	9.6	Horizontal	Pass			
6944	-49.48	-13	-36.48	-61.38	1	12.9	Horizontal	Pass			
3472	-57.04	-13	-44.04	-63.93	0.71	7.6	Vertical	Pass			
5208	-53.81	-13	-40.81	-62.59	0.82	9.6	Vertical	Pass			
6944	-50.09	-13	-37.09	-61.99	1	12.9	Vertical	Pass			

Note: All modes have been tested and we found QPSK test mode has the worst test result. Only record the worst test result.



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### 6.7 Frequency stability

§2.1055,§22.355,§24.235,§27.54 Test Requirement:

Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01

Limit:  $\leq$  ±2.5ppm.

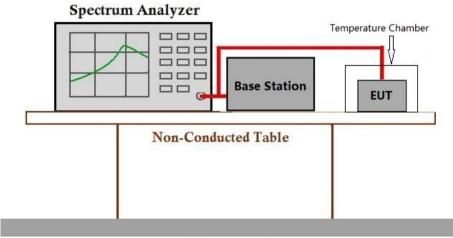
### 6.7.1 E.U.T. Operation

Operating Environment:

Temperature: 21.5 °C Humidity: 51 % RH Atmospheric Pressure: 1000 mbar

Test mode 11: TX mode\_Keep the EUT in transmitting mode

#### 6.7.2 Test Setup Diagram



Ground Reference Plane

#### 6.7.3 Measurement Data

Please refer to Appendix for LTE test data.



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#### 6.8 Modulation Characteristics

Test Requirement: §2.1047

Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01

Limit: Digital modulation

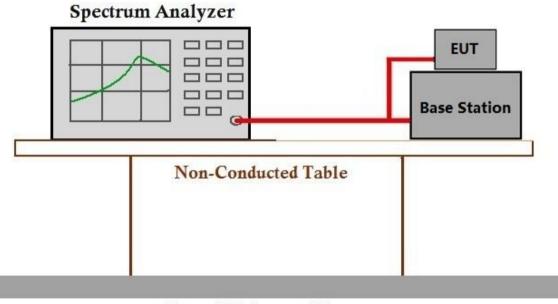
### 6.8.1 E.U.T. Operation

Operating Environment:

Temperature: 21.5 °C Humidity: 51 % RH Atmospheric Pressure: 1000 mbar

Test mode 11: TX mode\_Keep the EUT in transmitting mode

#### 6.8.2 Test Setup Diagram



### Ground Reference Plane

#### 6.8.3 Measurement Data

Pass, it's a digital modulation device.



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#### **Test Setup Photo** 7

Refer to Appendix - Test Setup Photo for SZCR2308002477AT

#### **EUT Constructional Details (EUT Photos)** 8

Refer to Appendix - External and Internal Photos for SZCR2308002477AT

- End of the Report -



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