



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

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240200061001

Page: 1 of 24

TEST REPORT

Application No.: SZCR2402000610AT
Applicant: Murphy's Bowl LLC
Address of Applicant: 10400 NE 4th Street Suite 3600, Bellevue, Washington 98004 United States
Manufacturer: Seacomp Displays, Inc
Address of Manufacturer: 1525 Faraday Ave. Suite 200 Carlsbad CA. 92008 USA
Factory: Milli-Henry Electronics Co., Ltd.
Address of Factory: Room 101, No.79 Juxiang 1st Road, Dalang Town, Dongguan City, Guangdong Province, P.R. China

Equipment Under Test (EUT):
EUT Name: Row Controller
Model No.: 300-006211, 300-006192 ♣
♣ Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.
FCC ID: 2BE69-MBRC01
Standard(s) : 47 CFR Part 2
47 CFR Part 96 subpart E
Date of Receipt: 2024-02-26
Date of Test: 2024-02-29 to 2024-04-03
Date of Issue: 2024-04-10

Test Result:	Pass
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* In the configuration tested, the EUT complied with the standards specified above.

Keny Xu

Keny Xu
EMC Laboratory Manager



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Shenzhen Branch EMC Laboratory

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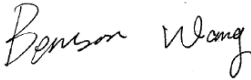
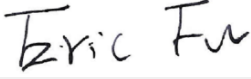
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Page: 2 of 24

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2024-04-10		Original

Authorized for issue by:				
				
		Benson Wang/Project Engineer		
				
		Eric Fu/Reviewer		



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2 Test Summary

Test Item	FCC Rule No.	Requirements	Verdict
Effective (Isotropic) Radiated Output Power Data & Maximum Power Spectral Density	§2.1046 §96.41(b)	EIRP≤ 23dBm/10MHz(LTE Band 48)	PASS
Peak-Average Ratio	§96.41(g)	≤13dB	PASS
Bandwidth	§2.1049(h)	OBW: No limit EBW: No limit	PASS
Band Edge Compliance	§2.1051 §96.41(e)	Refer to clause 6.4 for LTE Band48	PASS
Spurious emissions at antenna terminals	§2.1051 §96.41(e)	Refer to clause 6.5 for LTE Band48	PASS
Field strength of spurious radiation	§2.1051 §96.41(e)	Refer to clause 6.6 for LTE Band48	PASS
Frequency stability	§2.1055	≤ ±2.5ppm.	PASS

Remark:

Model No.: 300-006211, 300-006192

Only the model No.: 300-006192 was performed tested in this report. since according to the declaration from the applicant, the models: 300-006211 are identical on circuitry design, PCB layout, electrical components used, internal wiring and functions with the model/item no.: 300-006192, only different on the 300-006192 need to be put into the plastic housing controller box, 300-006211 without the controller box.

3 Contents

	Page
1 COVER PAGE	1
2 Test Summary	3
3 Contents	4
4 General Information	6
4.1 Details of E.U.T.	6
4.2 Test Frequency	7
4.3 Test Environment	7
4.4 Description of Support Units	7
4.5 Measurement Uncertainty	8
4.6 Test Location	9
4.7 Test Facility	9
4.8 Deviation from Standards	9
4.9 Abnormalities from Standard Conditions	9
5 Equipment List	10
6 Radio Spectrum Matter Test Results	12
6.1 Effective (Isotropic) Radiated Output Power & Maximum Power Spectral Density	12
6.1.1 E.U.T. Operation	12
6.1.2 Test Setup Diagram	12
6.1.3 Measurement Data	12
6.2 Peak-Average Ratio	13
6.2.1 E.U.T. Operation	13
6.2.2 Test Setup Diagram	13
6.2.3 Measurement Data	13
6.3 Bandwidth	14
6.3.1 E.U.T. Operation	14
6.3.2 Test Setup Diagram	14
6.3.3 Measurement Data	14
6.4 Band Edge Compliance	15
6.4.1 E.U.T. Operation	15
6.4.2 Test Setup Diagram	15
6.4.3 Measurement Data	15
6.5 Spurious emissions at antenna terminals	16
6.5.1 E.U.T. Operation	16
6.5.2 Test Setup Diagram	16
6.5.3 Measurement Data	16
6.6 Field strength of spurious radiation	17
6.6.1 E.U.T. Operation	17
6.6.2 Test Setup Diagram	18
6.6.3 Measurement Procedure and Data	19
6.7 Frequency stability	23



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240200061001

Page: 5 of 24

6.7.1	E.U.T. Operation	23
6.7.2	Test Setup Diagram	23
6.7.3	Measurement Data	23
7	Test Setup Photo	24
8	EUT Constructional Details (EUT Photos)	24



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240200061001

Page: 6 of 24

4 General Information

4.1 Details of E.U.T.

Power supply:	Powered by adapter: Adapter model: L6R12H-050 Input: 100-240V, 50/60Hz 0.3A output: DC 5V,2000mA
Cable:	Cable of adapter: 150cm unshielded extension cable of adapter: 42,5cm uhshielded
Cable Loss (for RF conducted test):	0.5dBi
LTE Operation Frequency Band:	Band 48 (3550-3700MHz)
Modulation Type:	QPSK, 16QAM
Bandwidth:	5MHz; 10MHz; 15MHz; 20MHz
EUT Type:	End User Device
Antenna Type:	Integral antenna
Antenna Gain:	Main Antenna: 4.16dBi Remark: Diversity antenna is RX antenna.

Remark: The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.



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4.2 Test Frequency

Test mode:	Nominal Bandwidth (MHz)	RF Channel		
		Low (L)	Middle (M)	High (H)
		MHz	MHz	MHz
LTE FDD Band 48	5	3552.5	3625.0	3697.5
	10	3555.0	3625.0	3695.0
	15	3557.5	3625.0	3692.5
	20	3560.0	3625.0	3690.0

4.3 Test Environment

Environment Parameter	Selected Values During Tests	
Relative Humidity	52%	
Atmospheric Pressure:	1020Pa	
Temperature:	TL	-30°C
	TN	+20°C
	TH	+50°C
Voltage:	VL	AC 102 V
	VN	AC 120 V
	VH	AC 138V

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

4.4 Description of Support Units

The EUT has been tested independent unit.

4.5 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	$\pm 5.4 \times 10^{-8}$
2	Duty cycle	$\pm 0.3\%$
3	Occupied Bandwidth	$\pm 3\%$
4	RF conducted power	$\pm 0.8\text{dB}$
5	RF power density	$\pm 0.4\text{dB}$
6	Conducted Spurious emissions	$\pm 2.7\text{dB}$
7	Radiated Spurious emission test	$\pm 3.1\text{dB}$ (Below 1GHz)
		$\pm 4.4\text{dB}$ (Above 1GHz)
8	Temperature test	$\pm 1^{\circ}\text{C}$
9	Humidity test	$\pm 3\%$
10	Supply voltages	$\pm 1.5\%$
11	Time	$\pm 3\%$

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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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240200061001

Page: 10 of 24

5 Equipment List

RF conducted test					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date	Cal. Due date
Programmable DC Source	Chroma	62024P-80-60	SEM011-09	2023/07/11	2024/07/10
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2023/03/21 2024/03/20	2024/03/20 2025/03/19
Spectrum Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2023/03/21 2024/03/20	2024/03/20 2025/03/19
Measurement Software	TST	TST PASS V2.0	N/A	N/A	N/A
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2023/07/11	2024/07/10
Universal Radio Communication Tester	Rohde & Schwarz	CMW 500	SEM010-03	2023/03/28 2024/03/27	2024/03/27 2025/03/26
Power Sensor	KEYSIGHT	U2021XA	SEM009-15	2023/03/21 2024/03/20	2024/03/20 2025/03/19

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
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2023-07-18	2026-07-17
Trilog-Broadband Antenna	Schwarzbeck	VULB9168	SEM003-33	2021/09/25	2024/09/24
MXE EMI receiver	Agilent	N9038A	SEM004-05	2023/07/11	2024/07/10
Pre-amplifier	HP	8447D	SEM005-02	2023/07/11	2024/07/10
Spectrum Analyzer	Rohde & Schwarz	101288	SEM004-08	2023/07/11	2024/07/10
Low Noise Amplifier	CLAVIIO	BDLNA-0118-352810	SEM005-05	2023/07/11	2024/07/10
Substitution Antenna	Schwarzbeck	VULB9168	SEM003-18	2022/08/07	2025/08/06
Signal Generator(9kHz-40GHz)	N5173B	MY53270267	Agilent	2023/07/11	2024/07/10
Pre-amplifier	HP	8447D	SEM005-02	2023/07/11	2024/07/10
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	SEM003-15	2021/07/11	2024/07/10
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9120D	SEM003-32	2021/09/26	2024/09/25



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240200061001

Page: 11 of 24

Double-ridged waveguide horn	ETS-LINDGREN	3117	SEM003-34	2021/09/25	2024/09/24
Spectrum Analyzer	Rohde & Schwarz	101288	SEM004-08	2023/07/11	2024/07/10
Low Noise Amplifier	CLAVIO	BDLNA-0118-352810	SEM005-05	2023/07/11	2024/07/10
Pre-amplifier	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2023/07/11	2024/07/10
Pre-amplifier	Rohde & Schwarz	CH14-H052	SEM005-17	2023/07/11	2024/07/10
Substitution Antenna	Schwarzbeck	VULB9163	SEM003-05	2023-09-16	2026-09-15
Substitution Antenna	Rohde & Schwarz	HF907	SEM003-06	2022-08-07	2024-08-06
Substitution Antenna	Schwarzbeck	BBHA 9170	SEM003-15	2022-08-10	2024-08-09
Universal Radio Communication Tester	Rohde & Schwarz	CMW 500	SEM010-03	2023/03/28 2024/03/27	2024/03/27 2025/03/26

General used equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	deli	8838	SEM002-32	2023/07/28	2024/07/27
Humidity/ Temperature Indicator	deli	8838	SEM002-33	2023/07/28	2024/07/27
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2023/03/23 2024/03/22	2024/03/22 2025/03/21



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6 Radio Spectrum Matter Test Results

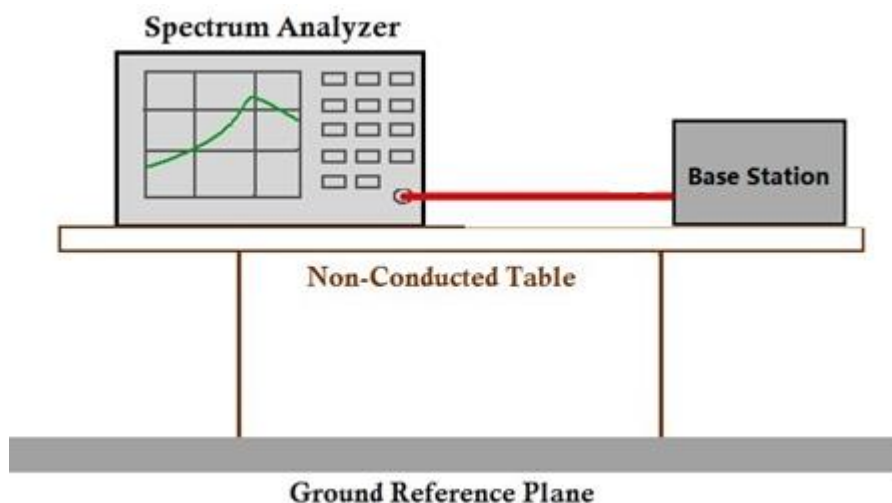
6.1 Effective (Isotropic) Radiated Output Power & Maximum Power Spectral Density

Test Requirement: §2.1046, §96.41(b)
 Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01
 Limit: EIRP≤23dBm/10MHz

6.1.1 E.U.T. Operation

Operating Environment:
 Temperature: 21.5 °C Humidity: 53.5 % RH Atmospheric Pressure: 1020 mbar
 Test mode 01: Tx mode, Keep the EUT in transmitting mode.

6.1.2 Test Setup Diagram



6.1.3 Measurement Data

Please refer to Appendix for Effective (Isotropic) Radiated Output Power Data

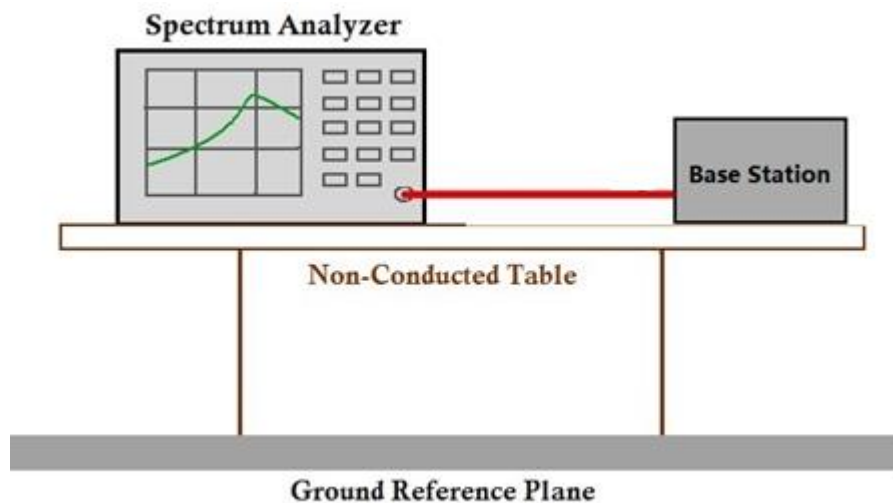
6.2 Peak-Average Ratio

Test Requirement: §96.41(g)
 Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01
 Limit: ≤13dB

6.2.1 E.U.T. Operation

Operating Environment:
 Temperature: 21.5 °C Humidity: 53.5 % RH Atmospheric Pressure: 1020 mbar
 Test mode 01: Tx mode, Keep the EUT in transmitting mode.

6.2.2 Test Setup Diagram



6.2.3 Measurement Data

Please refer to Appendix for Peak-Average Ratio.

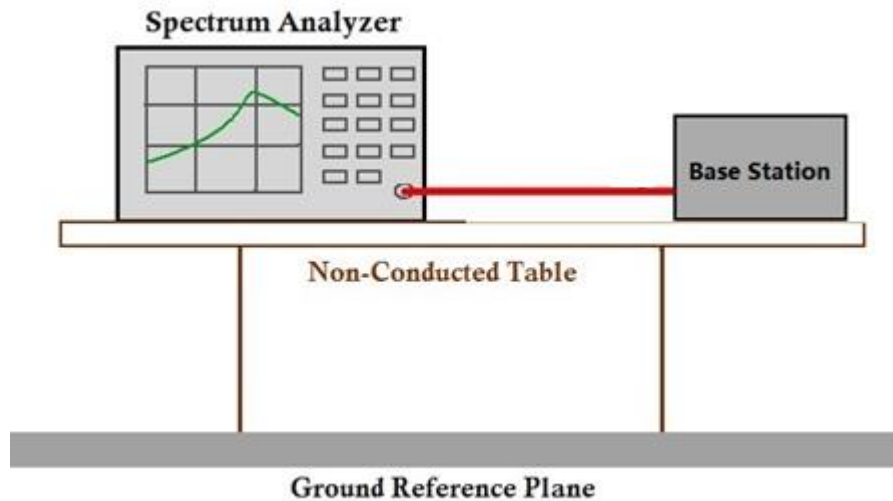
6.3 Bandwidth

Test Requirement: §2.1049(h)
 Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01
 Limit: OBW: No limit
 EBW: No limit

6.3.1 E.U.T. Operation

Operating Environment:
 Temperature: 21.5 °C Humidity: 53.5 % RH Atmospheric Pressure: 1020 mbar
 Test mode 01: Tx mode, Keep the EUT in transmitting mode.

6.3.2 Test Setup Diagram



6.3.3 Measurement Data

Please refer to Appendix for Bandwidth.

6.4 Band Edge Compliance

- Test Requirement: §2.1051, §96.41(e),
- Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01
- Limit:
- 1) The conducted power of any CBSD emission outside the fundamental emission bandwidth (whether the emission is inside or outside of the authorized band) shall not exceed -13 dBm/MHz within 0-10 megahertz above the upper SAS-assigned channel edge and within 0-10 megahertz below the lower SAS-assigned channel edge. At all frequencies greater than 10 megahertz above the upper SAS assigned channel edge and less than 10 MHz below the lower SAS assigned channel edge, the conducted power of any CBSD emission shall not exceed -25 dBm/MHz.
 - 2) The conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed -25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed -40 dBm/MHz.

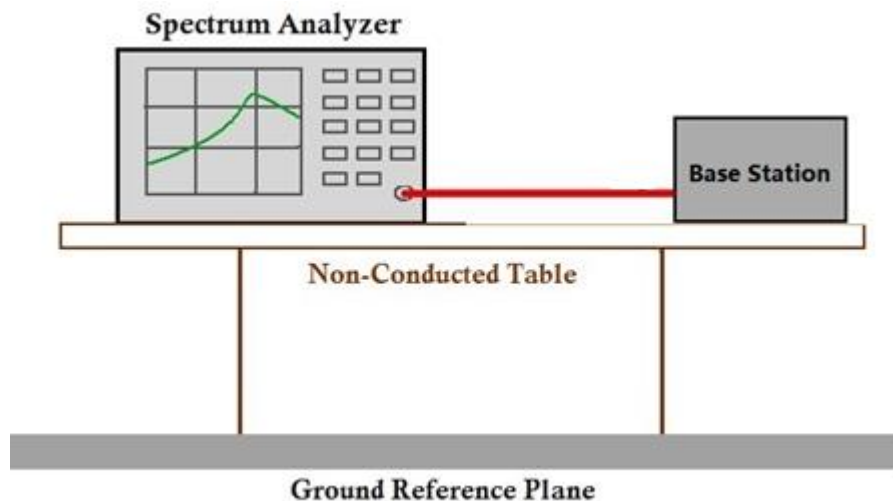
6.4.1 E.U.T. Operation

Operating Environment:

Temperature: 21.5°C Humidity: 53.5% RH Atmospheric Pressure: 1020 mbar

Test mode 01: Tx mode, Keep the EUT in transmitting mode.

6.4.2 Test Setup Diagram



6.4.3 Measurement Data

Please refer to Appendix for Spurious emissions at antenna terminals & Band Edge.

6.5 Spurious emissions at antenna terminals

- Test Requirement: §2.1051 ,§96.41(e)
- Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01
- Limit:
- 1) The conducted power of any CBSD emission outside the fundamental emission bandwidth (whether the emission is inside or outside of the authorized band) shall not exceed -13 dBm/MHz within 0-10 megahertz above the upper SAS-assigned channel edge and within 0-10 megahertz below the lower SAS-assigned channel edge. At all frequencies greater than 10 megahertz above the upper SAS assigned channel edge and less than 10 MHz below the lower SAS assigned channel edge, the conducted power of any CBSD emission shall not exceed -25 dBm/MHz.
 - 2) The conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed -25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed -40 dBm/MHz.

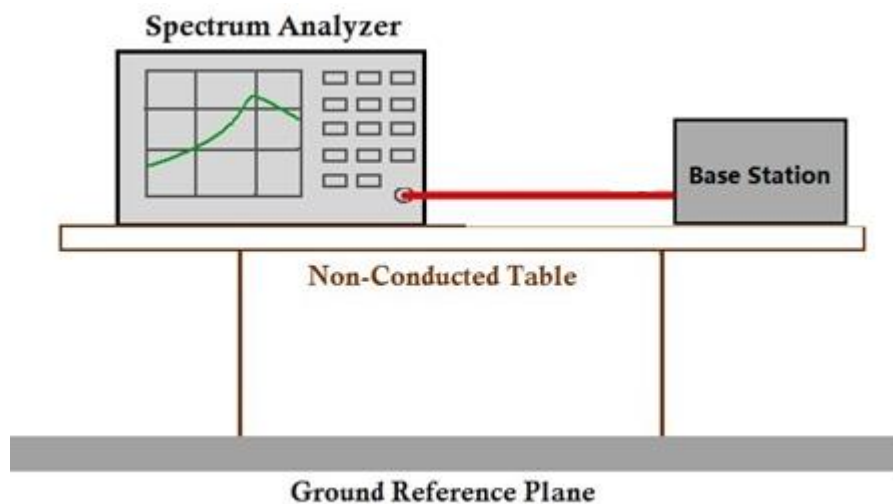
6.5.1 E.U.T. Operation

Operating Environment:

Temperature: 21.5°C Humidity: 53.5% RH Atmospheric Pressure: 1020 mbar

Test mode 01: Tx mode, Keep the EUT in transmitting mode.

6.5.2 Test Setup Diagram



6.5.3 Measurement Data

Please refer to Appendix for Spurious emissions at antenna terminals & Band Edge.

6.6 Field strength of spurious radiation

Test Requirement: §2.1051, §96.41(e)

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

- Limit:
- 1) Emission outside the fundamental emission bandwidth (whether the emission is inside or outside of the authorized band) shall not exceed -13 dBm/MHz within 0-10 megahertz above the upper SAS-assigned channel edge and within 0-10 megahertz below the lower SAS-assigned channel edge. At all frequencies greater than 10 megahertz above the upper SAS assigned channel edge and less than 10 MHz below the lower SAS assigned channel edge, the emission shall not exceed -25 dBm/MHz.
 - 2) Emissions below 3540 MHz or above 3710 MHz shall not exceed -25 dBm/MHz, and the emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.

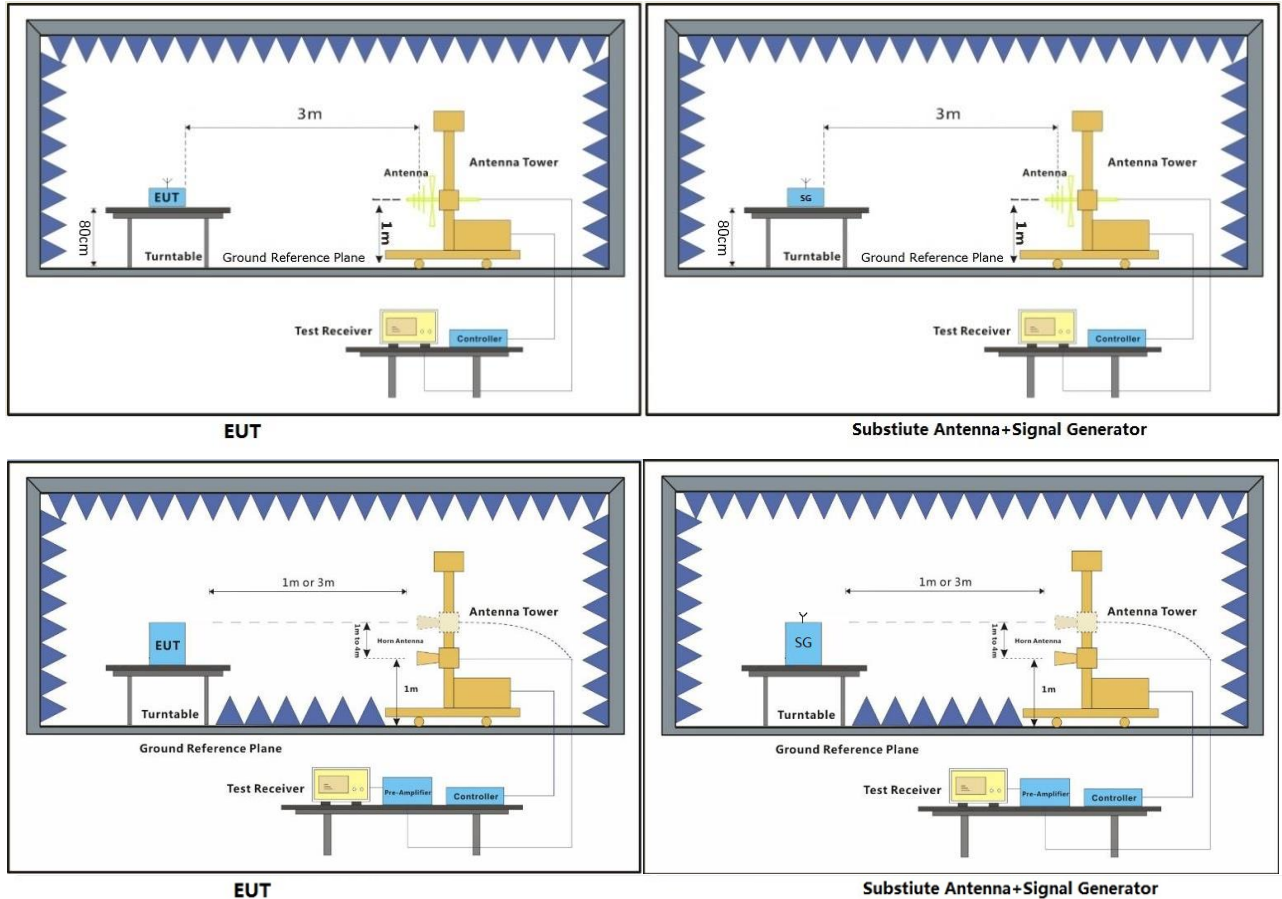
6.6.1 E.U.T. Operation

Operating Environment:

Temperature: 18.5 °C Humidity: 39.5 % RH Atmospheric Pressure: 1020 mbar

Test mode 01: Tx mode, Keep the EUT in transmitting mode.

6.6.2 Test Setup Diagram



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 then 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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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240200061001

Page: 20 of 24

FDD LTE Band 48, Modulation: QPSK, Bandwidth: 5MHz, 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
7105	-61.83	-40	-21.83	-68.77	4.19	11.13	Horizontal	Pass
10657.5	-58.32	-40	-18.32	-66.365	5.075	13.12	Horizontal	Pass
14210	-55.8	-40	-15.8	-65.46	4.82	14.48	Horizontal	Pass
7105	-61.5	-40	-21.5	-68.44	4.19	11.13	Vertical	Pass
10657.5	-58.27	-40	-18.27	-66.315	5.075	13.12	Vertical	Pass
14210	-56.46	-40	-16.46	-66.12	4.82	14.48	Vertical	Pass

FDD LTE Band 48, Modulation: QPSK, Bandwidth: 10MHz, 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
7250	-60.69	-40	-20.69	-67.63	4.19	11.13	Horizontal	Pass
10875	-57.35	-40	-17.35	-65.395	5.075	13.12	Horizontal	Pass
14500	-52.88	-40	-12.88	-62.11	5.19	14.42	Horizontal	Pass
7250	-60.9	-40	-20.9	-67.84	4.19	11.13	Vertical	Pass
10875	-57.37	-40	-17.37	-65.415	5.075	13.12	Vertical	Pass
14500	-52.51	-40	-12.51	-61.74	5.19	14.42	Vertical	Pass

FDD LTE Band 48, Modulation: QPSK, Bandwidth: 15MHz, 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
7395	-60.14	-40	-20.14	-67.08	4.19	11.13	Horizontal	Pass
11092.5	-54.54	-40	-14.54	-62.74	5.07	13.27	Horizontal	Pass
14790	-50.4	-40	-10.4	-59.63	5.19	14.42	Horizontal	Pass
7395	-60.69	-40	-20.69	-67.63	4.19	11.13	Vertical	Pass
11092.5	-54.6	-40	-14.6	-62.8	5.07	13.27	Vertical	Pass
14790	-50.27	-40	-10.27	-59.5	5.19	14.42	Vertical	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240200061001

Page: 21 of 24

FDD LTE Band 48, 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
7110	-58.11	-40	-18.11	-65.05	4.19	11.13	Horizontal	Pass
10665	-58.14	-40	-18.14	-66.185	5.075	13.12	Horizontal	Pass
14220	-54.26	-40	-14.26	-63.92	4.82	14.48	Horizontal	Pass
7110	-59.26	-40	-19.26	-66.2	4.19	11.13	Vertical	Pass
10665	-57.29	-40	-17.29	-65.335	5.075	13.12	Vertical	Pass
14220	-54.51	-40	-14.51	-64.17	4.82	14.48	Vertical	Pass

FDD LTE Band 48, Modulation: 16QAM, Bandwidth: 5MHz, 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
7241	-62.64	-40	-22.64	-69.58	4.19	11.13	Horizontal	Pass
10861.5	-57.97	-40	-17.97	-66.015	5.075	13.12	Horizontal	Pass
14482	-54.18	-40	-14.18	-63.84	4.82	14.48	Horizontal	Pass
7241	-62.32	-40	-22.32	-69.26	4.19	11.13	Vertical	Pass
10861.5	-57.85	-40	-17.85	-65.895	5.075	13.12	Vertical	Pass
14482	-54.36	-40	-14.36	-64.02	4.82	14.48	Vertical	Pass

FDD LTE Band 48, Modulation: 16QAM, Bandwidth: 10MHz, 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
7390	-60.49	-40	-20.49	-67.43	4.19	11.13	Horizontal	Pass
11085	-56.63	-40	-16.63	-64.83	5.07	13.27	Horizontal	Pass
14780	-50.31	-40	-10.31	-59.54	5.19	14.42	Horizontal	Pass
7390	-60.13	-40	-20.13	-67.07	4.19	11.13	Vertical	Pass
11085	-56.65	-40	-16.65	-64.85	5.07	13.27	Vertical	Pass
14780	-50.74	-40	-10.74	-59.97	5.19	14.42	Vertical	Pass



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Page: 22 of 24

FDD LTE Band 48, Modulation: 16QAM, Bandwidth: 15MHz, 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
7115	-60.96	-40	-20.96	-67.9	4.19	11.13	Horizontal	Pass
10672.5	-57.41	-40	-17.41	-65.455	5.075	13.12	Horizontal	Pass
14230	-53.71	-40	-13.71	-63.37	4.82	14.48	Horizontal	Pass
7115	-61.59	-40	-21.59	-68.53	4.19	11.13	Vertical	Pass
10672.5	-57.1	-40	-17.1	-65.145	5.075	13.12	Vertical	Pass
14230	-54.25	-40	-14.25	-63.91	4.82	14.48	Vertical	Pass

FDD LTE Band 48, Modulation: 16QAM, 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
7236.5	-61.81	-40	-21.81	-68.75	4.19	11.13	Horizontal	Pass
10854.75	-57.88	-40	-17.88	-65.925	5.075	13.12	Horizontal	Pass
14473	-54.87	-40	-14.87	-64.53	4.82	14.48	Horizontal	Pass
7236.5	-62.06	-40	-22.06	-69	4.19	11.13	Vertical	Pass
10854.75	-57.84	-40	-17.84	-65.885	5.075	13.12	Vertical	Pass
14473	-53.92	-40	-13.92	-63.58	4.82	14.48	Vertical	Pass

Remark: all test modes were performed, only the worst case was recorded in the report.



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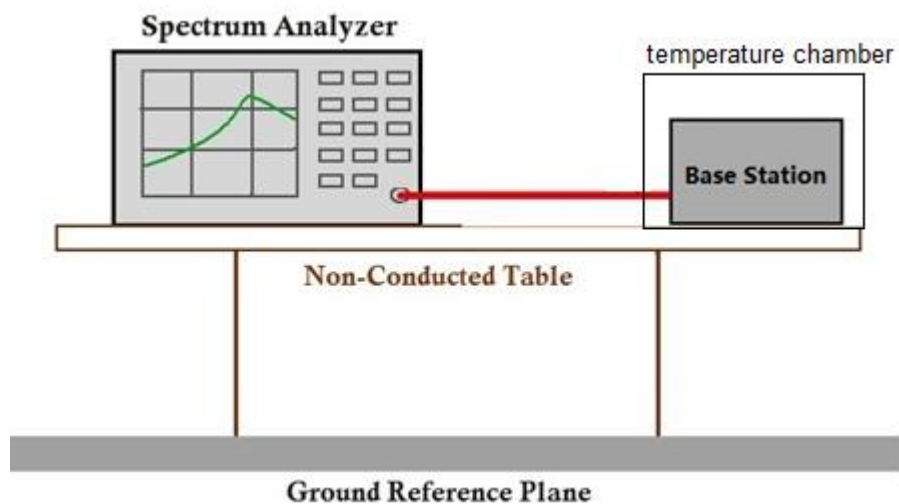
6.7 Frequency stability

Test Requirement: §2.1055
 Test Method: ANSI C63.26-2015, KDB 971168 D01 v03r01
 Limit: Within the authorized bands of operation

6.7.1 E.U.T. Operation

Operating Environment:
 Temperature: 21.5 °C Humidity: 53.5 % RH Atmospheric Pressure: 1020 mbar
 Test mode 01: Tx mode, Keep the EUT in transmitting mode.

6.7.2 Test Setup Diagram



6.7.3 Measurement Data

Please refer to Appendix for Frequency stability.

7 Test Setup Photo

Refer to Appendix - Test Setup Photo for SZCR2402000610AT.

8 EUT Constructional Details (EUT Photos)

Refer to Appendix – External and Internal Photos for SZCR2402000610AT.

- End of the Report -