

No. 1 Workshop, M-10, Middle section, Science & Technology Park,

Shenzhen, Guangdong, China 518057

Telephone: +86 (0) 755 2601 2053 Report No.: SZEM180600496202

Fax: +86 (0) 755 2671 0594 Page: 1 of 53

TEST REPORT

Application No.: SZEM1806004962CR(GZME1806000505ME) **Applicant:** Guangdong Transtek Medical Electronics Co., Ltd.

Address of Applicant: Zone A, No.105 Dongli Road, Torch Development District, Zhongshan,

528437, Guangdong, China

Manufacturer: Guangdong Transtek Medical Electronics Co., Ltd.

Address of Manufacturer: Zone A, No.105 Dongli Road, Torch Development District, Zhongshan,

528437, Guangdong, China

Factory: Guangdong Transtek Medical Electronics Co., Ltd.

Address of Factory: Zone B, No.105 Dongli Road, Torch Development District, Zhongshan,

528437, Guangdong, China

Equipment Under Test (EUT):

EUT Name: Blood Pressure Monitor

Model No.: TMB-995-BS, UAM-880, UAM-820BT ♣

Please refer to section 2 of this report which indicates which model was

actually tested and which were electrically identical.

S/N: BS0384180400010D **FCC ID:** OU9TMB995-BS

Standard(s): 47 CFR Part 15, Subpart C 15.247

Date of Receipt: 2018-06-08

Date of Test: 2018-06-14 to 2018-06-18

Date of Issue: 2018-06-22

Test Result: Pass*

^{*} In the configuration tested, the EUT complied with the standards specified above.



EMC Laboratory Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sqs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sqs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's intengray's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) are retained for 30 days only.



Report No.: SZEM180600496202

Page: 2 of 53

	Revision Record						
Version	Chapter	Date	Modifier	Remark			
01		2018-06-22		Original			

Authorized for issue by:		
	Robsonti	
	Edison Li /Project Engineer	
	EvicFu	
	Eric Fu /Reviewer	



Report No.: SZEM180600496202

Page: 3 of 53

2 Test Summary

Radio Spectrum Technical Requirement						
Item Standard Method Requirement Result						
Antenna Requirement	47 CFR Part 15, Subpart C 15.247	N/A	47 CFR Part 15, Subpart C 15.203 & 15.247(c)	Pass		

Radio Spectrum Matter Part						
Item	Standard	Method	Requirement	Result		
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207	Pass		
Minimum 6dB	47 CFR Part 15,	ANSI C63.10 (2013)	47 CFR Part 15, Subpart	Pass		
Bandwidth	Subpart C 15.247	Section 11.8.1	C 15.247a(2)			
Conducted Peak Output Power	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 11.9.1	47 CFR Part 15, Subpart C 15.247(b)(3)	Pass		
Power Spectrum	47 CFR Part 15,	ANSI C63.10 (2013)	47 CFR Part 15, Subpart	Pass		
Density	Subpart C 15.247	Section 11.10.2	C 15.247(e)			
Conducted Band	47 CFR Part 15,	ANSI C63.10 (2013)	47 CFR Part 15, Subpart	Pass		
Edges Measurement	Subpart C 15.247	Section 11.13.3.2	C 15.247(d)			
Conducted Spurious	47 CFR Part 15,	ANSI C63.10 (2013)	47 CFR Part 15, Subpart	Pass		
Emissions	Subpart C 15.247	Section 11.11	C 15.247(d)			
Radiated Emissions which fall in the restricted bands	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.10.5	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass		
Radiated Spurious	47 CFR Part 15,	ANSI C63.10 (2013)	47 CFR Part 15, Subpart	Pass		
Emissions	Subpart C 15.247	Section 6.4,6.5,6.6	C 15.205 & 15.209			

Remark:

Model No.: TMB-995-BS, UAM-880, UAM-820BT

Only the model TMB-995-S was tested, since the electrical circuit design, layout, components used, internal wiring and functions were identical for all the above models, with only difference on appearance and model No..



Report No.: SZEM180600496202

Page: 4 of 53

3 Contents

			Page
1	COVI	ER PAGE	1
2	TEST	SUMMARY	3
3	CON.	TENTS	4
4	CENI	ERAL INFORMATION	G
4			
		DETAILS OF E.U.T.	
		DESCRIPTION OF SUPPORT UNITS	
	_	MEASUREMENT UNCERTAINTY	-
		TEST LOCATION	
		TEST FACILITY DEVIATION FROM STANDARDS	
		ABNORMALITIES FROM STANDARD CONDITIONS	
5	EQUI	PMENT LIST	8
_			
6	RADI	O SPECTRUM TECHNICAL REQUIREMENT	10
	6.1	Antenna Requirement	10
	6.1.1	Test Requirement:	10
	6.1.2	Conclusion	10
7	RΔDI	O SPECTRUM MATTER TEST RESULTS	11
•			
		CONDUCTED EMISSIONS AT AC POWER LINE (150kHz-30MHz)	11
	7.1.1		
	7.1.2 7.1.3	Test Setup Diagram Measurement Procedure and Data	
	_	MINIMUM 6DB BANDWIDTH	
	7.2.1		
	7.2.7	•	
	7.2.3		
		CONDUCTED PEAK OUTPUT POWER	
	7.3.1		
	7.3.2	•	
	7.3.3	Measurement Procedure and Data	16
	7.4	Power Spectrum Density	17
		E.U.T. Operation	
	7.4.2	, 0	
	7.4.3		
		CONDUCTED BAND EDGES MEASUREMENT	
	7.5.1	E.U.T. Operation	
	7.5.2 7.5.3	, 5	
		CONDUCTED SPURIOUS EMISSIONS	
	7.6 7.6.1	E.U.T. Operation	
	7.6.1 7.6.2	•	
	7.6.2	Measurement Procedure and Data	
		RADIATED EMISSIONS WHICH FALL IN THE RESTRICTED BANDS	
	7.7.1	E.U.T. Operation	
	7.7.2		
		, ,	

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sqs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sqs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawfull and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SZEM180600496202

Page: 5 of 53

7.	7.3 Measurement Procedure and Data	21
7.8	RADIATED SPURIOUS EMISSIONS	26
	8.1 E.U.T. Operation	
7.	8.2 Test Setup Diagram	27
	8.3 Measurement Procedure and Data	28
8 PH	HOTOGRAPHS	37
8.1	CONDUCTED EMISSIONS AT AC POWER LINE (150kHz-30MHz) TEST SETUP	37
8.2	RADIATED EMISSIONS WHICH FALL IN THE RESTRICTED BANDS TEST SETUP	37
8.3	RADIATED SPURIOUS EMISSIONS TEST SETUP	38
8.4	EUT CONSTRUCTIONAL DETAILS (EUT PHOTOS)	38
9 AF	PPENDIX	39-53



Report No.: SZEM180600496202

Page: 6 of 53

4 General Information

4.1 Details of E.U.T.

Power supply:	AC Adapter
	model: BLJ06L060100P-V
	Input: AC 100-240V, 50/60Hz, 0.2A Max
	Output: DC 6.0V, 1000mA
	(1.5V x 4 "AA" Size Batteries)
Cable:	DC cable: 146cm unshielded
Antenna Gain:	0dBi
Antenna Type:	Integral
Channel Spacing:	2MHz
Modulation Type:	GFSK
Number of Channels:	40
Operation Frequency:	2402MHz to 2480MHz
Bluetooth Version:	V4.0

4.2 Description of Support Units

The EUT has been tested as an independent unit.

4.3 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	± 7.25 x 10 ⁻⁸
2	Duty cycle	± 0.37%
3	Occupied Bandwidth	± 3%
4	RF conducted power	± 0.75dB
5	RF power density	± 2.84dB
6	Conducted Spurious emissions	± 0.75dB
7	DE Dadiated newer	± 4.5dB (below 1GHz)
/	RF Radiated power	± 4.8dB (above 1GHz)
8	Dedicted Courieus emission test	± 4.5dB (Below 1GHz)
8	Radiated Spurious emission test	± 4.8dB (Above 1GHz)
9	Temperature test	± 1 ℃
10	Humidity test	± 3%
11	Supply voltages	± 1.5%
12	Time	± 3%



Report No.: SZEM180600496202

Page: 7 of 53

4.4 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, Shenzhen, Guangdong, China. 518057.

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

No tests were sub-contracted.

4.5 Test Facility

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

· CNAS (No. CNAS L2929)

CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC

Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

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

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. 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: CN1178

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

Designation Number: CN1178. Test Firm Registration Number: 406779.

Industry Canada (IC)

Two 3m Semi-anechoic chambers and the 10m Semi-anechoic chamber of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab have been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 4620C-1, 4620C-2, 4620C-3.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



Report No.: SZEM180600496202

Page: 8 of 53

5 Equipment List

Conducted Emissions at AC Power Line (150kHz-30MHz)							
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date		
Shielding Room	ZhongYu Electron	GB-88	SEM001-06	2017-05-10	2020-05-09		
Measurement Software	AUDIX	e3 V5.4.1221d	N/A	N/A	N/A		
Coaxial Cable	SGS	N/A	SEM024-01	2017-07-13	2018-07-12		
LISN	Rohde & Schwarz	ENV216	SEM007-01	2017-09-27	2018-09-26		
LISN	ETS-LINDGREN	3816/2	SEM007-02	2018-04-02	2019-04-01		
EMI Test Receiver	Rohde & Schwarz	ESCI	SEM004-02	2018-04-02	2019-04-01		

RF Conducted Test					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
DC Power Supply	ZhaoXin	RXN-305D	SEM011-02	2017-09-27	2018-09-26
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2018-04-02	2019-04-01
Measurement Software	JS Tonscend	JS1120-2 BT/WIFI V2.	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2017-07-13	2018-07-12
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2017-09-27	2018-09-26
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2017-09-27	2018-09-26

Radiated Emissions wh				0.10.1	0.10.0:
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2018-03-13	2021-03-12
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2017-07-13	2018-07-12
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2018-04-02	2019-04-01
BiConiLog Antenna (26- 3000MHz)	ETS-Lindgren	3142C	SEM003-01	2017-06-27	2020-06-26
Horn Antenna (1- 18GHz)	Rohde & Schwarz	HF907	SEM003-07	2018-04-13	2021-04-12
Horn Antenna(15GHz- 40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2017-10-17	2020-10-16
Pre-amplifier (0.1- 1300MHz)	HP	8447D	SEM005-02	2017-09-27	2018-09-26
Low Noise Amplifier(100MHz- 18GHz)	Black Diamond Series	BDLNA-0118- 352810	SEM005-05	2017-09-27	2018-09-27
Pre-amplifier(18-26GHz)	Rohde & Schwarz	CH14-H052	SEM005-17	2018-04-02	2019-04-01
Pre-amplifier(26GHz- 40GHz)	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2018-04-02	2019-04-01

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SZEM180600496202

Page: 9 of 53

DC Power Supply	Zhao Xin	RXN-305D	SEM011-02	2017-09-27	2018-09-26
Active Loop Antenna	ETS-Lindgren	6502	SEM003-08	2017-08-22	2020-08-21
Band filter	N/A	N/A	SEM023-01	N/A	N/A

Radiated Spurious Emis	ssions				
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2018-03-13	2021-03-12
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2017-07-13	2018-07-12
Spectrum Analyzer	Rohde & Schwarz	FSU43	SEM004-08	2018-04-02	2019-04-01
BiConiLog Antenna (26- 3000MHz)	ETS-Lindgren	3142C	SEM003-01	2017-06-27	2020-06-26
Horn Antenna (1- 18GHz)	Rohde & Schwarz	HF907	SEM003-07	2018-04-13	2021-04-12
Horn Antenna(15GHz- 40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2017-10-17	2020-10-16
Pre-amplifier (0.1- 1300MHz)	HP	8447D	SEM005-02	2017-09-27	2018-09-26
Low Noise Amplifier(100MHz- 18GHz)	Black Diamond Series	BDLNA-0118- 352810	SEM005-05	2017-09-27	2018-09-27
Pre-amplifier(18-26GHz)	Rohde & Schwarz	CH14-H052	SEM005-17	2018-04-02	2019-04-01
Pre-amplifier(26GHz- 40GHz)	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2018-04-02	2019-04-01
DC Power Supply	Zhao Xin	RXN-305D	SEM011-02	2017-09-27	2018-09-26
Active Loop Antenna	ETS-Lindgren	6502	SEM003-08	2017-08-22	2020-08-21
Band filter	N/A	N/A	SEM023-01	N/A	N/A

General used equipment								
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date			
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	ZJ1-2B	SEM002-03	2017-09-29	2018-09-28			
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	ZJ1-2B	SEM002-04	2017-09-29	2018-09-28			
Humidity/ Temperature Indicator	Mingle	N/A	SEM002-08	2017-09-29	2018-09-28			
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2018-04-08	2019-04-07			



Report No.: SZEM180600496202

Page: 10 of 53

6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203 & 15.247(c)

6.1.2 Conclusion

Standard Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 0dBi.

Antenna Location: Please refer to appendix(Internal photos).



Report No.: SZEM180600496202

Page: 11 of 53

7 Radio Spectrum Matter Test Results

7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)

Test Requirement 47 CFR Part 15, Subpart C 15.207 Test Method: ANSI C63.10 (2013) Section 6.2

Limit:

Everyoney of emission/MU=)	Conducted limit(dBµV)					
Frequency of emission(MHz)	Quasi-peak	Average				
0.15-0.5	66 to 56*	56 to 46*				
0.5-5	56	46				
5-30	60	50				
*Decreases with the logarithm of the f	requency.					

7.1.1 E.U.T. Operation

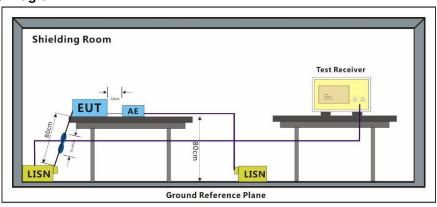
Operating Environment:

Temperature: 22.7 °C Humidity: 43.8 % RH Atmospheric Pressure: 1010 mbar

Test mode c:TX mode Keep the EUT in continuously transmitting mode with GFSK

modulation with adapter.

7.1.2 Test Setup Diagram





Report No.: SZEM180600496202

Page: 12 of 53

7.1.3 Measurement Procedure and Data

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a $50 \text{ohm}/50 \mu\text{H} + 5 \text{ohm}$ linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

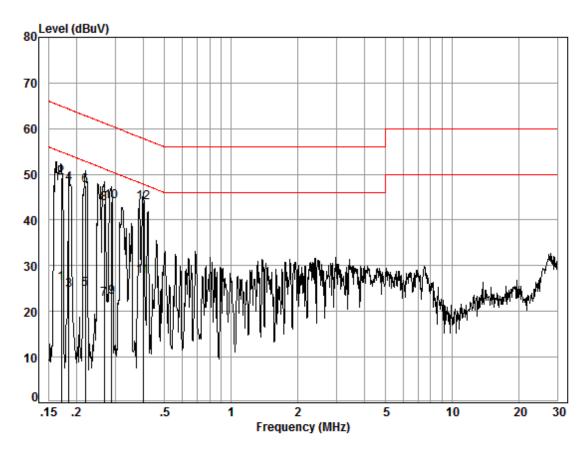
Remark: LISN=Read Level+ Cable Loss+ LISN Factor



Report No.: SZEM180600496202

Page: 13 of 53

Mode:c; Line:Live Line



Site : Shielding Room

Condition: Line Job No. : 04962CR

Test mode: c

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.17	0.02	9.52	16.66	26.20	54.90	-28.70	Average
2	0.17	0.02	9.52	39.80	49.34	64.90	-15.56	QP
3	0.18	0.03	9.51	15.08	24.62	54.28	-29.66	Average
4	0.18	0.03	9.51	38.34	47.88	64.28	-16.40	QP
5	0.22	0.03	9.50	15.41	24.94	52.83	-27.89	Average
6	0.22	0.03	9.50	37.94	47.47	62.83	-15.36	QP
7	0.27	0.03	9.51	13.08	22.62	51.20	-28.58	Average
8	0.27	0.03	9.51	34.00	43.54	61.20	-17.66	QP
9	0.29	0.03	9.51	13.67	23.21	50.59	-27.38	Average
10	0.29	0.03	9.51	34.43	43.97	60.59	-16.62	QP
11	0.40	0.04	9.49	18.21	27.74	47.86	-20.12	Average
12	0.40	0.04	9.49	34.27	43.80	57.86	-14.06	QP

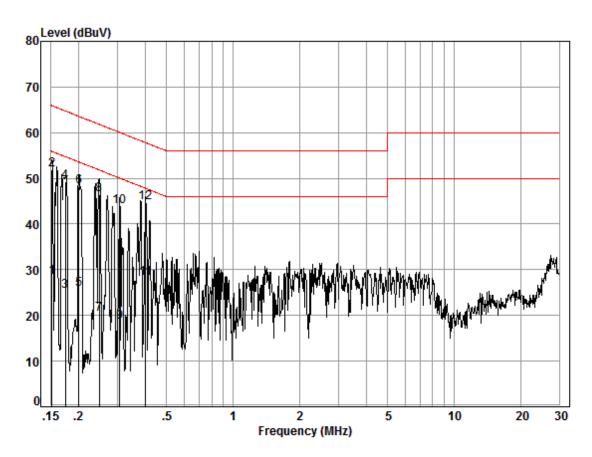
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sqs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sqs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SZEM180600496202

Page: 14 of 53

Mode:c; Line:Neutral Line



Site : Shielding Room

Condition: Neutral Job No. : 04962CR

Test mode: c

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.15	0.02	9.58	18.64	28.24	55.91	-27.67	Average
2	0.15	0.02	9.58	42.28	51.88	65.91	-14.03	QP
3	0.17	0.03	9.59	15.71	25.33	54.77	-29.44	Average
4	0.17	0.03	9.59	39.56	49.18	64.77	-15.59	QP
5	0.20	0.03	9.57	16.12	25.72	53.58	-27.86	Average
6	0.20	0.03	9.57	38.66	48.26	63.58	-15.32	QP
7	0.25	0.03	9.58	10.63	20.24	51.82	-31.58	Average
8	0.25	0.03	9.58	36.84	46.45	61.82	-15.37	QP
9	0.31	0.03	9.58	8.85	18.46	50.06	-31.60	Average
10	0.31	0.03	9.58	34.18	43.79	60.06	-16.27	QP
11	0.40	0.04	9.59	18.59	28.22	47.81	-19.59	Average
12	0.40	0.04	9.59	35.12	44.75	57.81	-13.06	QP

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sqs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sqs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SZEM180600496202

Page: 15 of 53

7.2 Minimum 6dB Bandwidth

Test Requirement 47 CFR Part 15, Subpart C 15.247a(2)
Test Method: ANSI C63.10 (2013) Section 11.8.1

Limit: ≥500 kHz

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 22.1 °C Humidity: 49.6 % RH Atmospheric Pressure: 1010 mbar

Pretest these b:TX mode Keep the EUT in continuously transmitting mode with GFSK

modes to find modulation with battery.

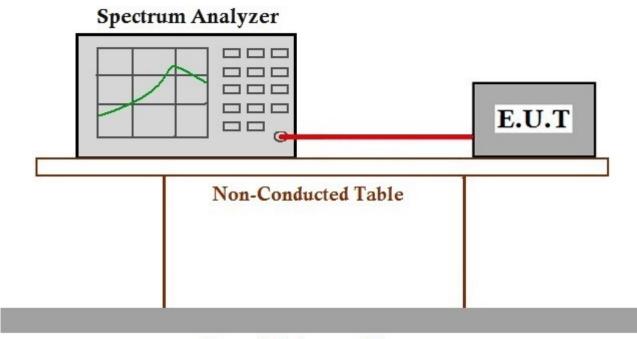
the worst case: c:TX mode_Keep the EUT in continuously transmitting mode with GFSK

modulation with adapter.

The worst case b:TX mode_Keep the EUT in continuously transmitting mode with GFSK

for final test: modulation with battery.

7.2.2 Test Setup Diagram



Ground Reference Plane

7.2.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.247



Report No.: SZEM180600496202

Page: 16 of 53

7.3 Conducted Peak Output Power

Test Requirement 47 CFR Part 15, Subpart C 15.247(b)(3)
Test Method: ANSI C63.10 (2013) Section 11.9.1

Limit:

Frequency range(MHz) Output power of the intentional radiator(watt)			
	1 for ≥50 hopping channels		
902-928	0.25 for 25≤ hopping channels <50		
	1 for digital modulation		
	1 for ≥75 non-overlapping hopping channels		
2400-2483.5	0.125 for all other frequency hopping systems		
	1 for digital modulation		
5725-5850	1 for frequency hopping systems and digital modulation		

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 22.1 °C Humidity: 49.6 % RH Atmospheric Pressure: 1010 mbar

Pretest these b:TX mode_Keep the EUT in continuously transmitting mode with GFSK

modes to find modulation with battery.

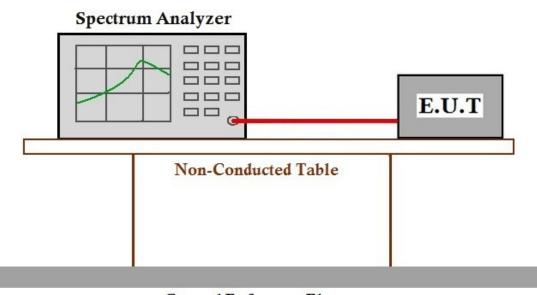
the worst case: c:TX mode_Keep the EUT in continuously transmitting mode with GFSK

modulation with adapter.

The worst case b:TX mode Keep the EUT in continuously transmitting mode with GFSK

for final test: modulation with battery.

7.3.2 Test Setup Diagram



Ground Reference Plane

7.3.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.247

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawfull and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) are retained for 30 days only.



Report No.: SZEM180600496202

Page: 17 of 53

7.4 Power Spectrum Density

Test Requirement 47 CFR Part 15, Subpart C 15.247(e)
Test Method: ANSI C63.10 (2013) Section 11.10.2

Limit: ≤8dBm in any 3 kHz band during any time interval of continuous

transmission

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 22.1 °C Humidity: 49.6 % RH Atmospheric Pressure: 1010 mbar

Pretest these b:TX mode Keep the EUT in continuously transmitting mode with GFSK

modes to find modulation with battery.

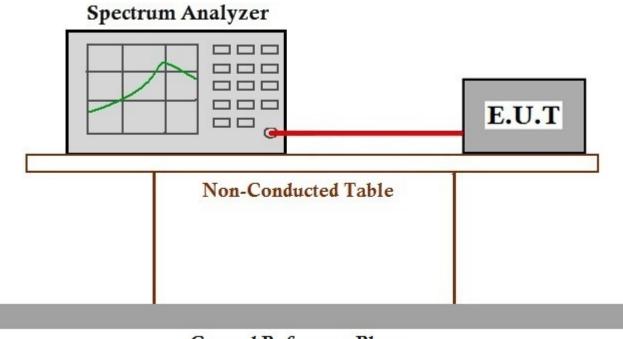
the worst case: c:TX mode Keep the EUT in continuously transmitting mode with GFSK

modulation with adapter.

The worst case b:TX mode_Keep the EUT in continuously transmitting mode with GFSK

for final test: modulation with battery.

7.4.2 Test Setup Diagram



Ground Reference Plane

7.4.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.247



Report No.: SZEM180600496202

Page: 18 of 53

7.5 Conducted Band Edges Measurement

Test Requirement 47 CFR Part 15, Subpart C 15.247(d)
Test Method: ANSI C63.10 (2013) Section 11.13.3.2

Limit: In any 100 kHz bandwidth outside the frequency band in which the spread

spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition,

radiated emissions which fall in the restricted bands, as defined in

§15.205(a), must also comply with the radiated emission limits specified in

§15.209(a) (see §15.205(c)

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 22.1 °C Humidity: 49.6 % RH Atmospheric Pressure: 1010 mbar

Pretest these b:TX mode_Keep the EUT in continuously transmitting mode with GFSK

modes to find modulation with battery.

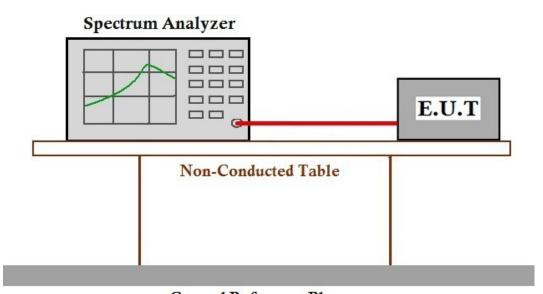
the worst case: c:TX mode_Keep the EUT in continuously transmitting mode with GFSK

modulation with adapter.

The worst case b:TX mode Keep the EUT in continuously transmitting mode with GFSK

for final test: modulation with battery.

7.5.2 Test Setup Diagram



Ground Reference Plane

7.5.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.247

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sqs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sqs.com/en/Terms-en-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawfull and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) are retained for 30 days only.



Report No.: SZEM180600496202

Page: 19 of 53

7.6 Conducted Spurious Emissions

Test Requirement 47 CFR Part 15, Subpart C 15.247(d)
Test Method: ANSI C63.10 (2013) Section 11.11

Limit: In any 100 kHz bandwidth outside the frequency band in which the spread

spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition,

radiated emissions which fall in the restricted bands, as defined in

§15.205(a), must also comply with the radiated emission limits specified in

§15.209(a) (see §15.205(c)

7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 22.1 °C Humidity: 49.6 % RH Atmospheric Pressure: 1010 mbar

Pretest these b:TX mode_Keep the EUT in continuously transmitting mode with GFSK

modes to find modulation with battery.

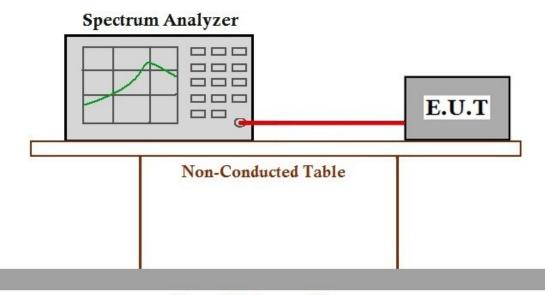
the worst case: c:TX mode_Keep the EUT in continuously transmitting mode with GFSK

modulation with adapter.

The worst case b:TX mode Keep the EUT in continuously transmitting mode with GFSK

for final test: modulation with battery.

7.6.2 Test Setup Diagram



Ground Reference Plane

7.6.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.247

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-en-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawfull and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) are retained for 30 days only.



Report No.: SZEM180600496202

Page: 20 of 53

7.7 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

Test Method: ANSI C63.10 (2013) Section 6.10.5

Measurement Distance: 3m

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 23.1 °C Humidity: 65.8 % RH Atmospheric Pressure: 1010 mbar

Pretest these b:TX mode_Keep the EUT in continuously transmitting mode with GFSK

modes to find modulation with battery.

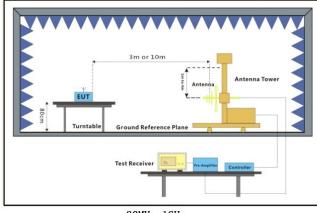
the worst case: c:TX mode_Keep the EUT in continuously transmitting mode with GFSK

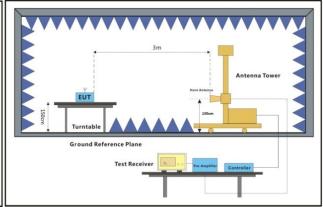
modulation with adapter.

The worst case c:TX mode_Keep the EUT in continuously transmitting mode with GFSK

for final test: modulation with adapter.

7.7.2 Test Setup Diagram





30MHz-1GHz Above 1GHz

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sqs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sqs.com/en/Terms-en-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawfull and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) are retained for 30 days only.



Report No.: SZEM180600496202

Page: 21 of 53

7.7.3 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

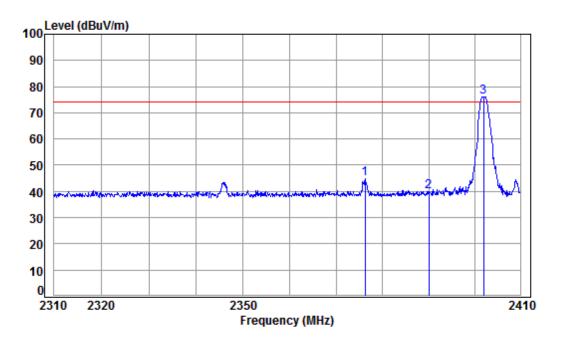
Remark 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.



Report No.: SZEM180600496202

Page: 22 of 53

Mode:c; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



Condition: 3m HORIZONTAL

Job No : 04962CR

Mode : 2402 Band edge

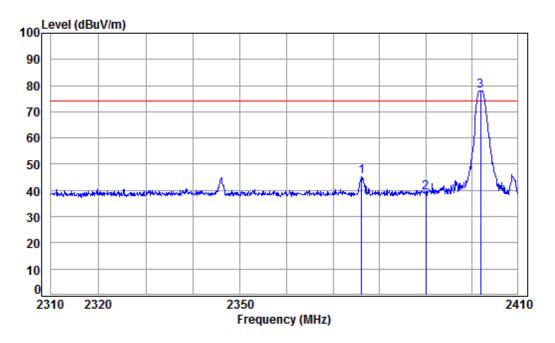
	Freq			Preamp Factor					Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2376.228	5.46	28.50	41.87	52.62	44.71	74.00	-29.29	peak
2	2390.000	5.47	28.52	41.87	47.79	39.91	74.00	-34.09	peak
3 p	op 2402.000	5.49	28.54	41.88	84.07	76.22	74.00	2.22	peak



Report No.: SZEM180600496202

Page: 23 of 53

Mode:c; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



Condition: 3m VERTICAL Job No : 04962CR

Mode : 2402 Band edge

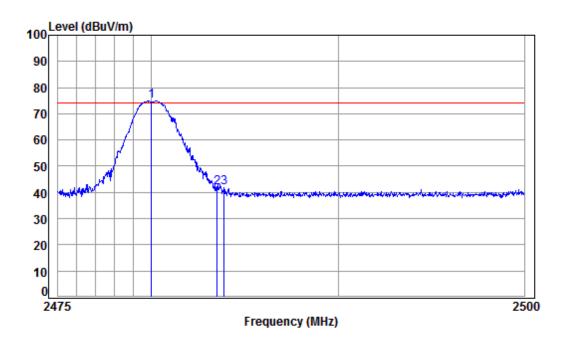
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2376.127	5.46	28.50	41.87	53.05	45.14	74.00	-28.86	peak
2	2390.000	5.47	28.52	41.87	47.00	39.12	74.00	-34.88	peak
3 рр	2402.000	5.49	28.54	41.88	85.86	78.01	74.00	4.01	peak



Report No.: SZEM180600496202

Page: 24 of 53

Mode:c; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



Condition: 3m HORIZONTAL

Job No : 04962CR

Mode : 2480 Band edge

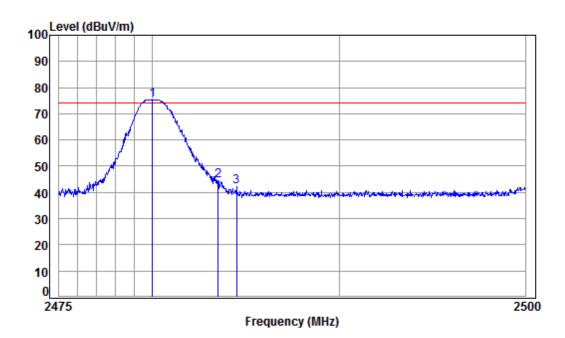
	0ver	Limit		Read	Preamp	Ant	Cable		
Remark	Limit	Line	Level	Level	Factor	Factor	Loss	Freq	
	dB	dBuV/m	dBuV/m	dBuV	dB	dB/m	dB	MHz	
peak	0.77	74.00	74.77	82.42	41.91	28.67	5.59	p 2480.000	1 pp
peak	-32.13	74.00	41.87	49.51	41.91	28.67	5.60	2483.500	2
peak	-32.00	74.00	42.00	49.64	41.91	28.67	5.60	2483.871	3
peak	0.77 -32.13	74.00 74.00	74.77 41.87	82.42 49.51	41.91 41.91	28.67 28.67	5.59 5.60	p 2480.000 2483.500	2



Report No.: SZEM180600496202

Page: 25 of 53

Mode:c; Polarization:Vertical; Modulation:GFSK; ; Channel:High



Condition: 3m VERTICAL Job No : 04962CR

Mode : 2480 Band edge

		0ver	Limit		Read	Preamp	Ant	Cable		
	Remark	Limit	Line	Level	Level	Factor	Factor	Loss	Freq	
_		dB	dBuV/m	dBuV/m	dBuV	dB	dB/m	dB	MHz	
			•	•			•			
	peak	1.38	74.00	75.38	83.03	41.91	28.67	5.59	p 2480.000	1 pp
	-								-	
	peak	-29.50	74.00	44.42	32.00	41.91	20.07	5.00	2403.300	2
	peak	-31.86	74.00	42.14	49.78	41.91	28.67	5.60	2484.495	3
	peak	-29.58	74.00	44.42	52.06	41.91	28.67	5.60	2480.000 2483.500 2484.495	2



Report No.: SZEM180600496202

Page: 26 of 53

7.8 Radiated Spurious Emissions

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209
Test Method: ANSI C63.10 (2013) Section 6.4,6.5,6.6

Measurement Distance: 3m

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.



Report No.: SZEM180600496202

Page: 27 of 53

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 23.9 °C Humidity: 56 % RH Atmospheric Pressure: 1010 mbar

Pretest these b:TX mode_Keep the EUT in continuously transmitting mode with GFSK

modes to find modulation with battery.

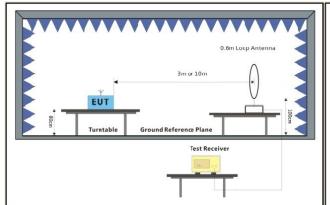
the worst case: c:TX mode Keep the EUT in continuously transmitting mode with GFSK

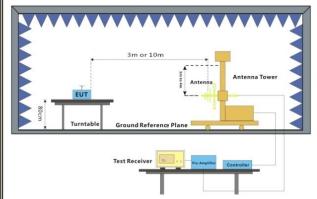
modulation with adapter.

The worst case c:TX mode_Keep the EUT in continuously transmitting mode with GFSK

for final test: modulation with adapter.

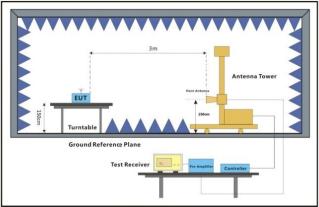
7.8.2 Test Setup Diagram





Below 30MHz

30MHz-1GHz



Above 1GHz



Report No.: SZEM180600496202

Page: 28 of 53

7.8.3 Measurement Procedure and Data

a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Antenna Factor + Cable Factor - Preamplifier Factor

- 2) Scan from 9kHz to 25GHz, the disturbance above 18GHz and below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- 3) For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.



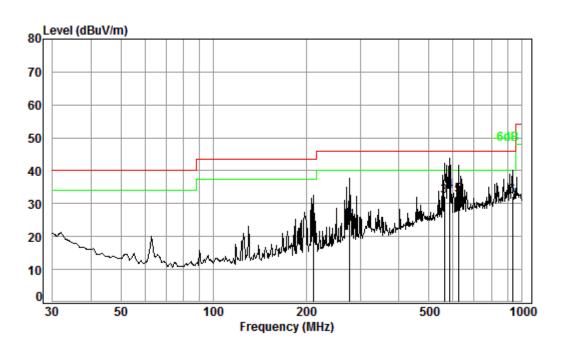
Report No.: SZEM180600496202

Page: 29 of 53

30MHz~1GHz

QP value:

Mode:c; Polarization:Horizontal;



Condition: 3m HORIZONTAL

Job No. : 04962CR

Test mode: c

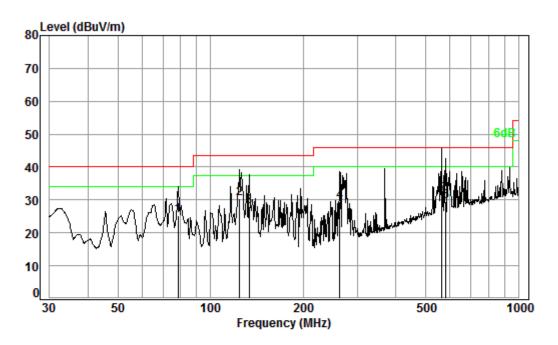
		Cable	Ant	Preamp	Read		Limit	0ver
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
-	MHz	——dB		——dB		dDu///m	dD:///m	——dB
	нпΖ	ub	ub/III	ub	ubuv	ubuv/III	ubuv/III	ub
1	210.79	1.46	16.89	27.53	30.83	21.65	43.50	-21.85
2	276.12	1.80	18.86	27.54	31.72	24.84	46.00	-21.16
3	562.66	2.67	25.90	27.76	31.47	32.28	46.00	-13.72
4 pp	586.84	2.69	26.36	27.72	32.56	33.89	46.00	-12.11
5	625.08	2.75	26.95	27.66	30.53	32.57	46.00	-13.43
6	935.55	3.64	29.98	26.96	25.56	32.22	46.00	-13.78



Report No.: SZEM180600496202

Page: 30 of 53

Mode:c; Polarization:Vertical



Condition: 3m VERTICAL Job No. : 04962CR

Test mode: c

		Cable	Ant	Preamp	Read		Limit	0ver
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit
_								
	MHz	dB	dB/m	dB	dBuV	d Bu V/m	dBuV/m	dB
1	78.41	1.05	12.12	27.50	39.51	25.18	40.00	-14.82
2 pp	124.13	1.26	13.23	27.52	43.30	30.27	43.50	-13.23
3	133.62	1.28	13.52	27.52	40.57	27.85	43.50	-15.65
4	262.90	1.74	19.06	27.54	36.29	29.55	46.00	-16.45
5	562.66	2.67	25.90	27.76	30.68	31.49	46.00	-14.51
6	580.70	2.68	26.24	27.73	28.25	29,44	46.00	-16.56

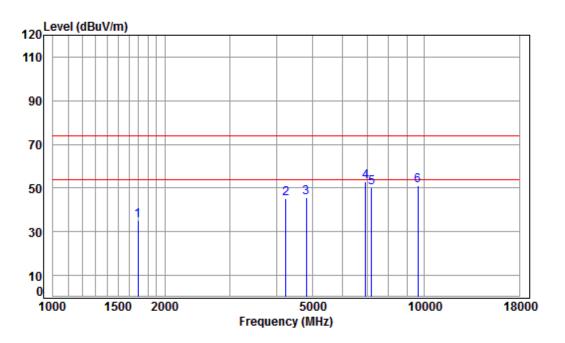


Report No.: SZEM180600496202

Page: 31 of 53

Above 1GHz

Mode:c; Polarization:Horizontal; Modulation:GFSK; Channel:Low



Condition: 3m HORIZONTAL

Job No : 04962CR Mode : 2402 TX RSE

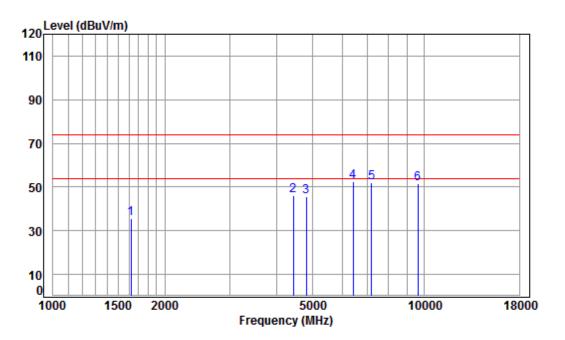
oce	: DLE									
		Cable	Ant	Preamp	Read		Limit	0ver		
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB		
1	1692.231	5.24	26.64	41.53	44.76	35.11	74.00	-38.89	peak	
2	4230.396	7.26	33.13	42.37	47.38	45.40	74.00	-28.60	peak	
3	4804.000	7.89	33.97	42.47	46.26	45.65	74.00	-28.35	peak	
4 p	p 6934.778	10.31	35.86	40.90	47.58	52.85	74.00	-21.15	peak	
5	7206.000	10.08	36.07	40.71	44.95	50.39	74.00	-23.61	peak	
6	9608 000	10 75	37 67	37 74	40 55	51 23	74 99	-22 77	neak	



Report No.: SZEM180600496202

Page: 32 of 53

Mode:c; Polarization:Vertical; Modulation:GFSK; Channel:Low



Condition: 3m VERTICAL

Job No : 04962CR

Mode : 2402 TX RSE

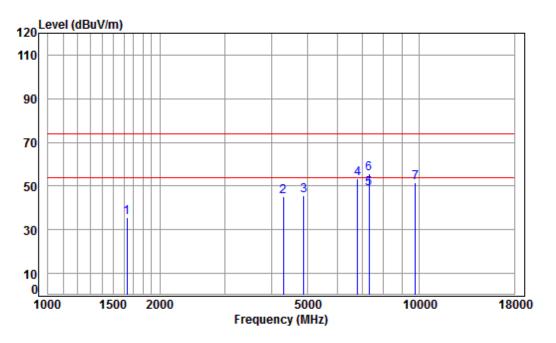
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1620.431	5.32	26.34	41.48	45.37	35.55	74.00	-38.45	peak
2	4443.453	7.50	33.50	42.41	47.57	46.16	74.00	-27.84	peak
3	4804.000	7.89	33.97	42.47	46.30	45.69	74.00	-28.31	peak
4 pp	6432.732	11.41	35.54	41.27	47.01	52.69	74.00	-21.31	peak
5	7206.000	10.08	36.07	40.71	46.38	51.82	74.00	-22.18	peak
6	9608.000	10.75	37.67	37.74	40.78	51.46	74.00	-22.54	peak



Report No.: SZEM180600496202

Page: 33 of 53

Mode:c; Polarization:Horizontal; Modulation:GFSK; Channel:middle



Condition: 3m VERTICAL

Job No : 04962CR

Mode : 2440 TX RSE

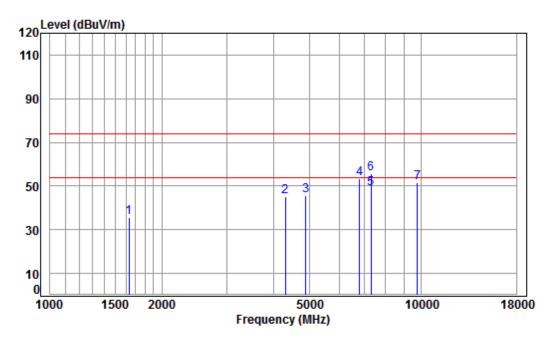
	-							
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1634.543	5.31	26.40	41.49	45.30	35.52	74.00	-38.48	peak
4304.400	7.34	33.26	42.38	47.12	45.34	74.00	-28.66	peak
4880.000	7.97	34.06	42.48	45.97	45.52	74.00	-28.48	peak
6815.551	10.64	35.79	40.98	47.73	53.18	74.00	-20.82	peak
op 7320.000	10.05	36.16	40.63	43.25	48.83	54.00	-5.17	Average
ok 7320.000	10.05	36.16	40.63	50.01	55.59	74.00	-18.41	peak
9760.000	10.82	37.76	37.53	40.57	51.62	74.00	-22.38	peak
	Freq MHz 1634.543 4304.400 4880.000 6815.551 pp 7320.000 ok 7320.000	Cable Loss MHz dB 1634.543 5.31 4304.400 7.34 4880.000 7.97 6815.551 10.64 op 7320.000 10.05 ok 7320.000 10.05	Cable Ant Loss Factor MHz dB dB/m 1634.543 5.31 26.40 4304.400 7.34 33.26 4880.000 7.97 34.06 6815.551 10.64 35.79 op 7320.000 10.05 36.16 ok 7320.000 10.05 36.16	Cable Ant Preamp Loss Factor Factor MHz dB dB/m dB 1634.543 5.31 26.40 41.49 4304.400 7.34 33.26 42.38 4880.000 7.97 34.06 42.48 6815.551 10.64 35.79 40.98 pp 7320.000 10.05 36.16 40.63 pk 7320.000 10.05 36.16 40.63	Cable Ant Preamp Read Loss Factor Factor Level MHz dB dB/m dB dBuV 1634.543 5.31 26.40 41.49 45.30 4304.400 7.34 33.26 42.38 47.12 4880.000 7.97 34.06 42.48 45.97 6815.551 10.64 35.79 40.98 47.73 pp 7320.000 10.05 36.16 40.63 43.25 pk 7320.000 10.05 36.16 40.63 50.01	Cable Ant Preamp Read Level Level MHz dB dB/m dB dBuV dBuV/m 1634.543 5.31 26.40 41.49 45.30 35.52 4304.400 7.34 33.26 42.38 47.12 45.34 4880.000 7.97 34.06 42.48 45.97 45.52 6815.551 10.64 35.79 40.98 47.73 53.18 pp 7320.000 10.05 36.16 40.63 43.25 48.83 pk 7320.000 10.05 36.16 40.63 50.01 55.59	Cable Ant Preamp Read Limit Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1634.543 5.31 26.40 41.49 45.30 35.52 74.00 4304.400 7.34 33.26 42.38 47.12 45.34 74.00 4880.000 7.97 34.06 42.48 45.97 45.52 74.00 6815.551 10.64 35.79 40.98 47.73 53.18 74.00 pp 7320.000 10.05 36.16 40.63 43.25 48.83 54.00 pk 7320.000 10.05 36.16 40.63 50.01 55.59 74.00	Cable Ant Preamp Read Limit Over Freq Loss Factor Factor Level Level Line Limit



Report No.: SZEM180600496202

Page: 34 of 53

Mode:c; Polarization:Vertical; Modulation:GFSK; Channel:middle



Condition: 3m VERTICAL

Job No : 04962CR

Mode : 2440 TX RSE

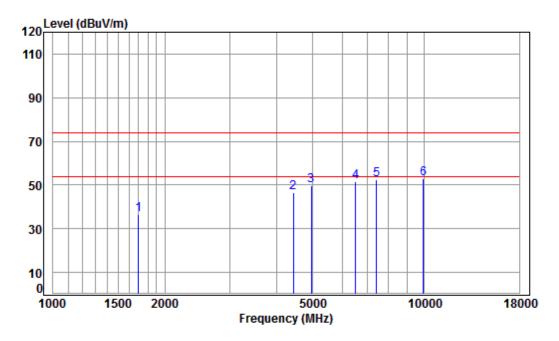
	-							
	Cable	Ant	Preamp	Read		Limit	0ver	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1634.543	5.31	26.40	41.49	45.30	35.52	74.00	-38.48	peak
4304.400	7.34	33.26	42.38	47.12	45.34	74.00	-28.66	peak
4880.000	7.97	34.06	42.48	45.97	45.52	74.00	-28.48	peak
6815.551	10.64	35.79	40.98	47.73	53.18	74.00	-20.82	peak
op 7320.000	10.05	36.16	40.63	43.25	48.83	54.00	-5.17	Average
ok 7320.000	10.05	36.16	40.63	50.01	55.59	74.00	-18.41	peak
9760.000	10.82	37.76	37.53	40.57	51.62	74.00	-22.38	peak
	Freq MHz 1634.543 4304.400 4880.000 6815.551 pp 7320.000 ok 7320.000	Cable Loss MHz dB 1634.543 5.31 4304.400 7.34 4880.000 7.97 6815.551 10.64 op 7320.000 10.05 ok 7320.000 10.05	Cable Ant Loss Factor MHz dB dB/m 1634.543 5.31 26.40 4304.400 7.34 33.26 4880.000 7.97 34.06 6815.551 10.64 35.79 op 7320.000 10.05 36.16 ok 7320.000 10.05 36.16	Cable Ant Preamp Loss Factor Factor MHz dB dB/m dB 1634.543 5.31 26.40 41.49 4304.400 7.34 33.26 42.38 4880.000 7.97 34.06 42.48 6815.551 10.64 35.79 40.98 pp 7320.000 10.05 36.16 40.63 pk 7320.000 10.05 36.16 40.63	Cable Ant Preamp Read Loss Factor Factor Level MHz dB dB/m dB dBuV 1634.543 5.31 26.40 41.49 45.30 4304.400 7.34 33.26 42.38 47.12 4880.000 7.97 34.06 42.48 45.97 6815.551 10.64 35.79 40.98 47.73 pp 7320.000 10.05 36.16 40.63 43.25 pk 7320.000 10.05 36.16 40.63 50.01	Cable Ant Preamp Read Level Level MHz dB dB/m dB dBuV dBuV/m 1634.543 5.31 26.40 41.49 45.30 35.52 4304.400 7.34 33.26 42.38 47.12 45.34 4880.000 7.97 34.06 42.48 45.97 45.52 6815.551 10.64 35.79 40.98 47.73 53.18 pp 7320.000 10.05 36.16 40.63 43.25 48.83 pk 7320.000 10.05 36.16 40.63 50.01 55.59	Cable Ant Preamp Read Limit Freq Loss Factor Factor Level Level Line MHz dB dB/m dB dBuV dBuV/m dBuV/m 1634.543 5.31 26.40 41.49 45.30 35.52 74.00 4304.400 7.34 33.26 42.38 47.12 45.34 74.00 4880.000 7.97 34.06 42.48 45.97 45.52 74.00 6815.551 10.64 35.79 40.98 47.73 53.18 74.00 pp 7320.000 10.05 36.16 40.63 43.25 48.83 54.00 pk 7320.000 10.05 36.16 40.63 50.01 55.59 74.00	Cable Ant Preamp Read Limit Over Freq Loss Factor Factor Level Level Line Limit



Report No.: SZEM180600496202

Page: 35 of 53

Mode:c; Polarization:Horizontal; Modulation:GFSK; Channel:High



Condition: 3m HORIZONTAL

Job No : 04962CR

Mode : 2480 TX RSE

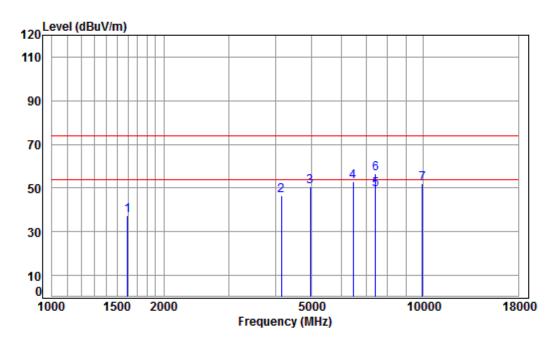
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
	1697.129	5.23	26.66	41.53	46.28	36.64	74.00	-37.36	peak
	4430.628	7.48	33.48	42.41	47.87	46.42	74.00	-27.58	peak
	4960.000	8.05	34.15	42.49	50.03	49.74	74.00	-24.26	peak
	6526.373	11.46	35.62	41.20	45.81	51.69	74.00	-22.31	peak
	7440.000	10.02	36.25	40.56	46.82	52.53	74.00	-21.47	peak
pp	9920.000	10.90	37.85	37.31	41.63	53.07	74.00	-20.93	peak
		MHz 1697.129 4430.628 4960.000 6526.373 7440.000	Freq Loss MHz dB 1697.129 5.23 4430.628 7.48 4960.000 8.05 6526.373 11.46 7440.000 10.02	Freq Loss Factor MHz dB dB/m 1697.129 5.23 26.66 4430.628 7.48 33.48 4960.000 8.05 34.15 6526.373 11.46 35.62 7440.000 10.02 36.25	Freq Loss Factor Factor MHz dB dB/m dB 1697.129 5.23 26.66 41.53 4430.628 7.48 33.48 42.41 4960.000 8.05 34.15 42.49 6526.373 11.46 35.62 41.20 7440.000 10.02 36.25 40.56	Freq Loss Factor Factor Level MHz dB dB/m dB dBuV 1697.129 5.23 26.66 41.53 46.28 4430.628 7.48 33.48 42.41 47.87 4960.000 8.05 34.15 42.49 50.03 6526.373 11.46 35.62 41.20 45.81 7440.000 10.02 36.25 40.56 46.82	Freq Loss Factor Factor Level Level MHz dB dB/m dB dBuV dBuV/m 1697.129 5.23 26.66 41.53 46.28 36.64 4430.628 7.48 33.48 42.41 47.87 46.42 4960.000 8.05 34.15 42.49 50.03 49.74 6526.373 11.46 35.62 41.20 45.81 51.69 7440.000 10.02 36.25 40.56 46.82 52.53	Freq Loss Factor Factor Level Level Line MHz	1697.129 5.23 26.66 41.53 46.28 36.64 74.00 -37.36 4430.628 7.48 33.48 42.41 47.87 46.42 74.00 -27.58 4960.000 8.05 34.15 42.49 50.03 49.74 74.00 -24.26 6526.373 11.46 35.62 41.20 45.81 51.69 74.00 -22.31



Report No.: SZEM180600496202

Page: 36 of 53

Mode:c; Polarization:Vertical; Modulation:GFSK; Channel:High



Condition: 3m VERTICAL

Job No : 04962CR

Mode : 2480 TX RSE

0									
		Cable	Ant	Preamp	Read		Limit	0ver	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1597.181	5.35	26.24	41.47	47.48	37.60	74.00	-36.40	peak
2	4145.664	7.16	32.97	42.35	48.90	46.68	74.00	-27.32	peak
3	4960.000	8.05	34.15	42.49	50.76	50.47	74.00	-23.53	peak
4	6470.026	11.48	35.57	41.24	46.97	52.78	74.00	-21.22	peak
5 p	p 7440.000	10.02	36.25	40.56	43.75	49.46	54.00	-4.54	Average
6 p	k 7440.000	10.02	36.25	40.56	50.69	56.40	74.00	-17.60	peak
7	9920.000	10.90	37.85	37.31	40.71	52.15	74.00	-21.85	peak



Report No.: SZEM180600496202

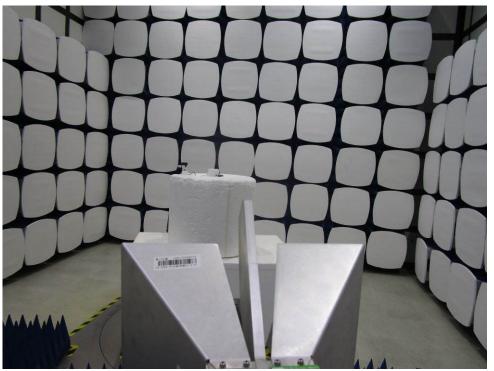
Page: 37 of 53

8 Photographs

8.1 Conducted Emissions at AC Power Line (150kHz-30MHz) Test Setup



8.2 Radiated Emissions which fall in the restricted bands Test Setup



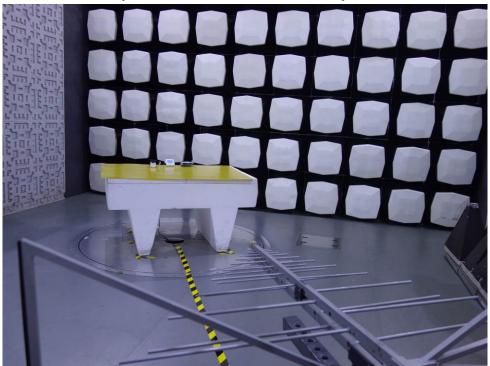
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

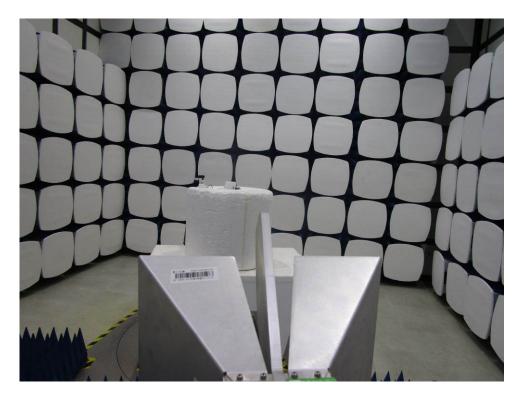


Report No.: SZEM180600496202

Page: 38 of 53

8.3 Radiated Spurious Emissions Test Setup





8.4 EUT Constructional Details (EUT Photos)

Please refer to external and internal photos for details.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SZEM180600496202

Page: 39 of 53

9 Appendix

Appendix 15.247

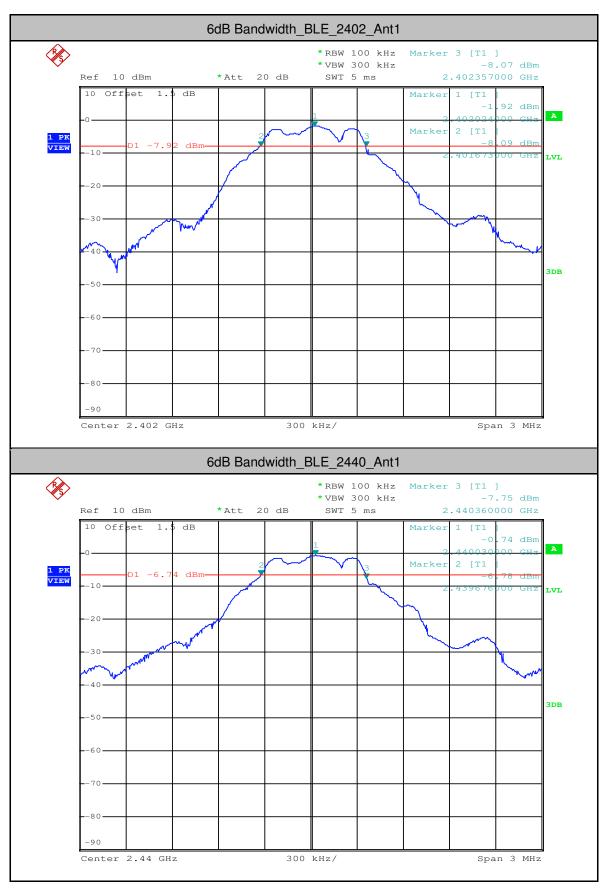
1.6dB Bandwidth

Test Mode	Test	Ant	EBW[MHz]	Limit[MHz]	Verdict
BLE	2402	Ant1	0.684	>=0.5	PASS
BLE	2440	Ant1	0.684	>=0.5	PASS
BLE	2480	Ant1	0.675	>=0.5	PASS



Report No.: SZEM180600496202

Page: 40 of 53



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sqs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sqs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SZEM180600496202

Page: 41 of 53





Report No.: SZEM180600496202

Page: 42 of 53

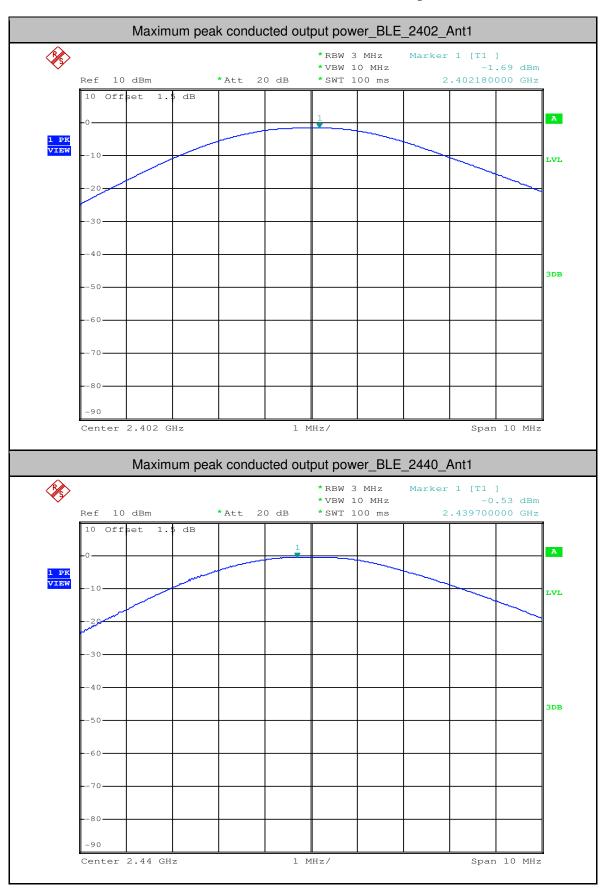
3.Maximum peak conducted output power

Test Mode	Test Channel	Ant	Ant Power[dBm]		Verdict
BLE	2402	Ant1	-1.69	<30	PASS
BLE	2440	Ant1	-0.53	<30	PASS
BLE	2480	Ant1	-1.11	<30	PASS



Report No.: SZEM180600496202

Page: 43 of 53



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sqs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sqs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SZEM180600496202

Page: 44 of 53



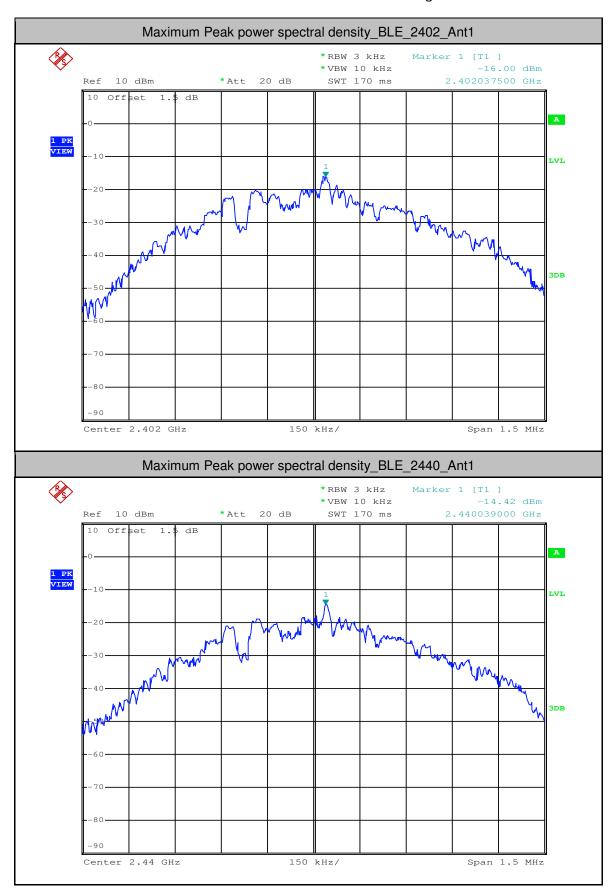
4. Maximum Peak power spectral density

Test Mode	Test Channel	Ant	PSD[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	2402	Ant1	-16	<8.00	PASS
BLE	2440	Ant1	-14.42	<8.00	PASS
BLE	2480	Ant1	-14.95	<8.00	PASS



Report No.: SZEM180600496202

Page: 45 of 53



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sqs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sqs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SZEM180600496202

Page: 46 of 53



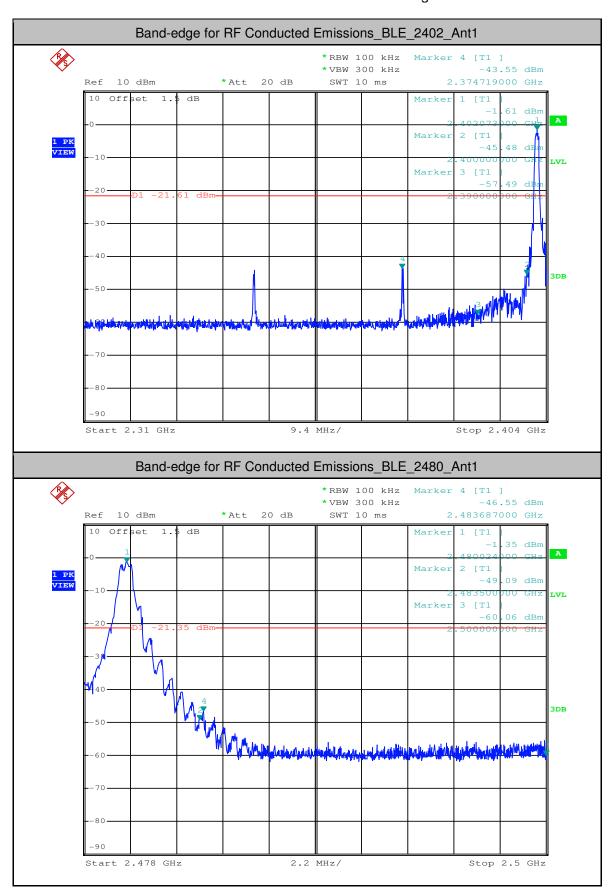
5.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
BLE	2402	Ant1	-1.610	-43.545	<-21.61	PASS
BLE	2480	Ant1	-1.350	-46.547	<-21.35	PASS



Report No.: SZEM180600496202

Page: 47 of 53



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sqs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sqs.com/en/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawfull and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) are retained for 30 days only.



Report No.: SZEM180600496202

Page: 48 of 53

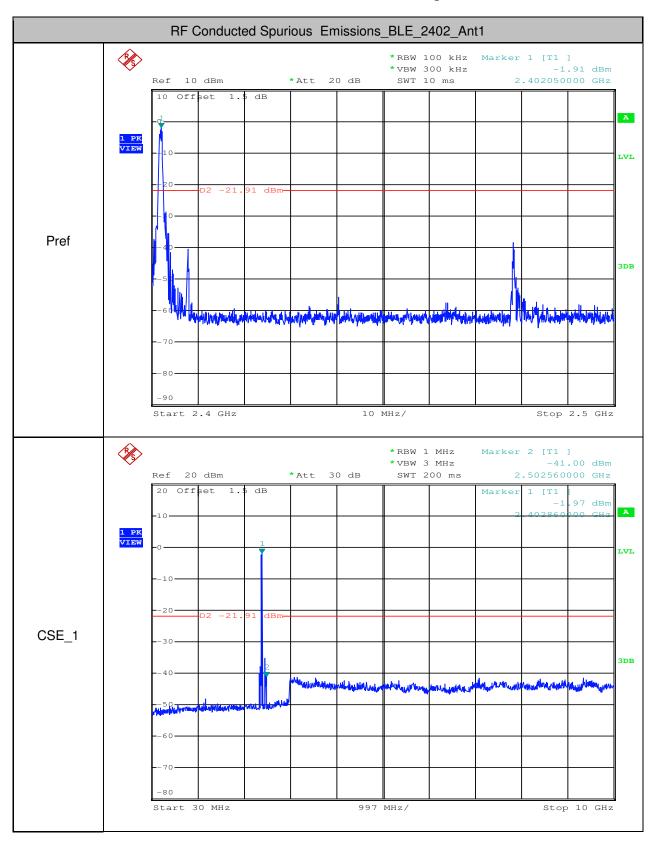
6.RF Conducted Spurious Emissions

Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BLE	2402	30	10000	1000	3000	-1.91	-41.000	<-21.91	PASS
BLE	2402	10000	25000	1000	3000	-1.91	-39.590	<-21.91	PASS
BLE	2440	30	10000	1000	3000	-0.88	-40.750	<-20.88	PASS
BLE	2440	10000	25000	1000	3000	-0.88	-39.840	<-20.88	PASS
BLE	2480	30	10000	1000	3000	-1.27	-41.250	<-21.27	PASS
BLE	2480	10000	25000	1000	3000	-1.27	-39.720	<-21.27	PASS



Report No.: SZEM180600496202

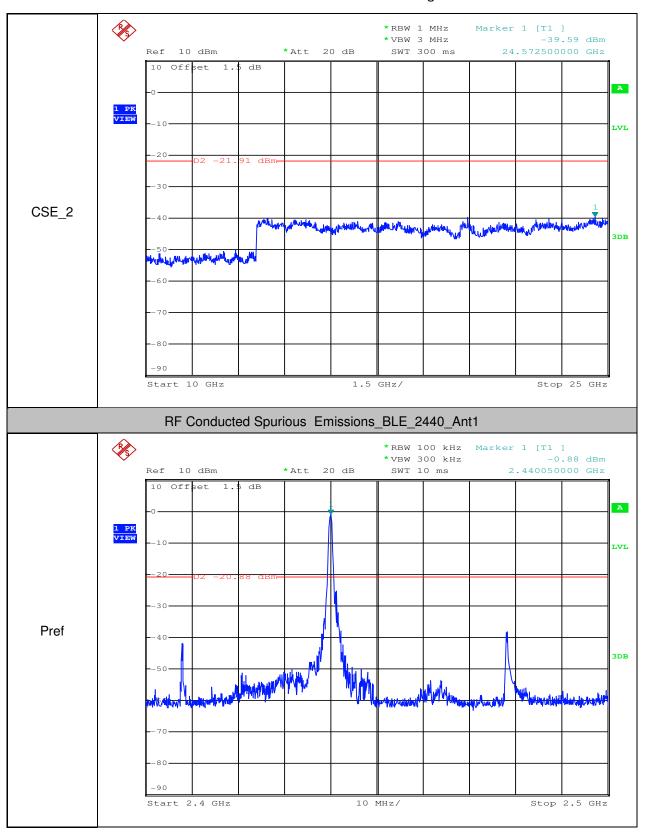
Page: 49 of 53





Report No.: SZEM180600496202

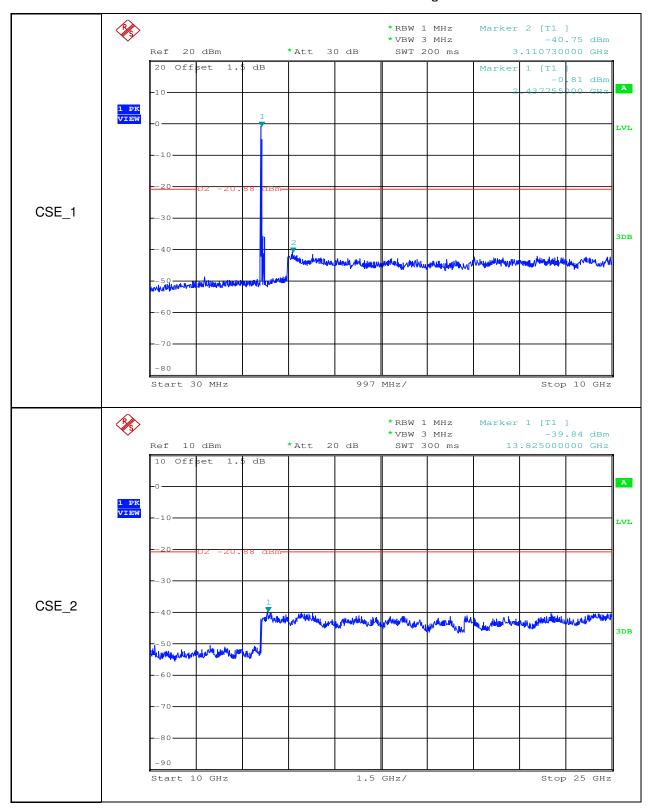
Page: 50 of 53





Report No.: SZEM180600496202

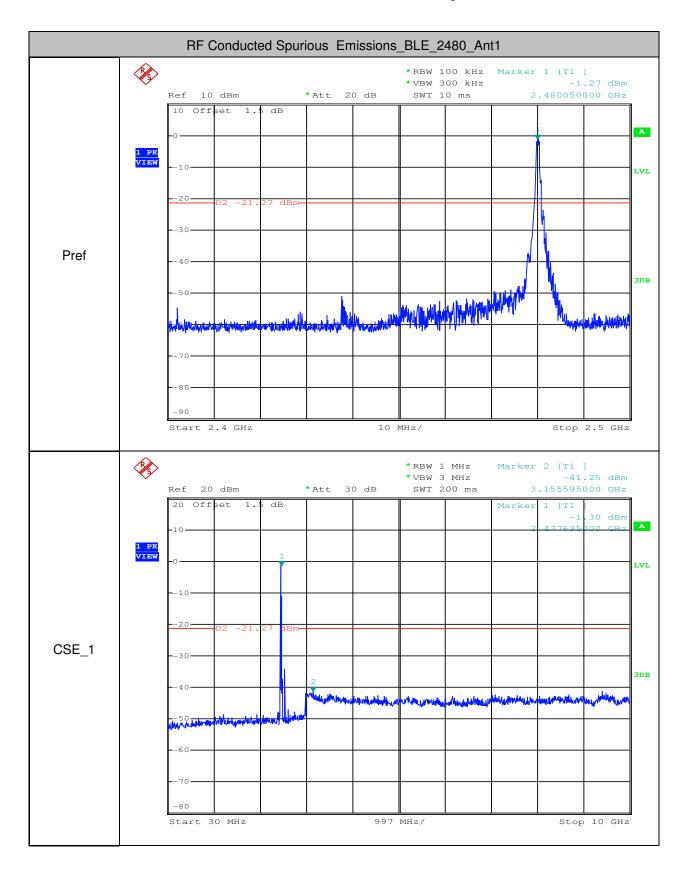
Page: 51 of 53





Report No.: SZEM180600496202

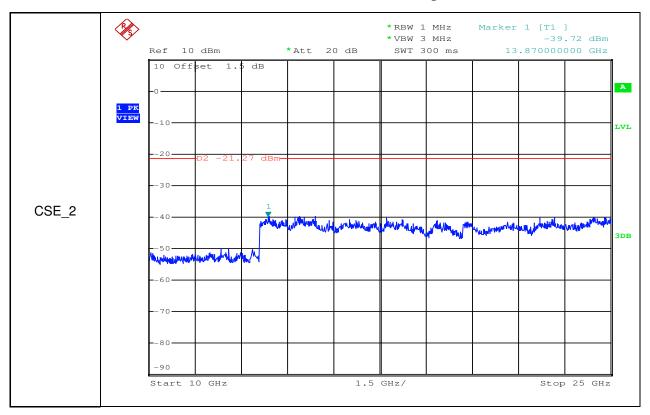
Page: 52 of 53





Report No.: SZEM180600496202

Page: 53 of 53



- End of the Report -