

Report No.: SZCR210602187502 Page: 1 of 23

TEST REPORT

Application No.:	SZCR2106021875AT
Applicant:	Voxx Accessories Corp.
Address of Applicant:	3502 Woodview Trace Suite 220, Indianapolis, Indiana, 46268 United States
Manufacturer:	Voxx Accessories Corp.
Address of Manufacturer:	3502 Woodview Trace, Suite 220, Indianapolis, IN 46268
Factory:	Shenzhen Great Power Innovation and Technology Enterprise Co., Ltd
Address of Factory:	No. 331, No. 335, Guiyue Road, Dafu Community, Guanlan Street, Longhua District, Shenzhen, China
Equipment Under Test (EUT):
EUT Name:	Karaoke System with Bluetooth
Model No.:	SPKA30Q
Trade Mark:	SINGSATION
FCC ID:	VIXSPKA30Q
Standard(s) :	47 CFR Part 15, Subpart C 15.247
Date of Receipt:	2021-07-01
Date of Test:	2021-07-03 to 2021-07-08
Date of Issue:	2021-07-14
Test Result:	Pass*

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

Keny. Ku

Keny Xu EMC Laboratory Manager



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Revision Record					
Version	Chapter	Date	Modifier	Remark	
01		2021-07-14		Original	

Authorized for issue by:			
	Charle Doi		
	Charlie Dai/Project Engineer	_	
	Eric Fu		
	Eric Fu/Reviewer	_	



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2 Test Summary

Radio Spectrum Matter Part

Item	Standard	Method	Requirement	Result		
Radiated Spurious Emissions Below 1GHz		ANSI C63.10 (2013) Section 6.4,6.5	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass		
Radiated Spurious Emissions Above 1GHz	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.6	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass		
Conducted Peak Output Power		ANSI C63.10 (2013) Section 7.8.5	47 CFR Part 15, Subpart C 15.247(b)(1)	Pass		

Remark for report SZCR210602187502:

Model No.: SPKA30Q

This test report (Ref. No.: SZCR210602187502) is only valid with the original test report (Ref. No.: SZEM200800850002).

Compared with the original report, this report change as follows:

Remove the TRA1402(A/D) and TRA1309 (PWM to analog). H064 DSP re-allocate the pin assignment in order to match the latest design.

Considering to the difference, pre-scan were performed on the sample in this report to find the items which can be influential to the result in the original test report for fully retest.

Therefore in this report Radiated Spurious Emissions Below 1GHz, Radiated Spurious Emissions Above 1GHz and Conducted Peak Output Power were fully retested on model SPKA30Q and shown the data in this report, other test data please refer to the original report SZEM200800850002.



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4 **General Information**

4.1 Details of E.U.T.

Power Supply:	AC adapter:
	Model: K15V150100U
	Input: AC 100-240V 50/60Hz 0.45A
	Output: DC 15.0V 1.0A
Cable(s):	DC cable 180cm Unshielded Non-Core
	MIC cable 210cm Unshielded Non-Core
Operation Frequency:	2402MHz to 2480MHz
Bluetooth Version:	V5.0 Classic
Modulation Type:	GFSK, pi/4DQPSK, 8DPSK
Number of Channels:	79
Channel Spacing:	1MHz
Spectrum Spread Technology:	Frequency Hopping Spread Spectrum(FHSS)
Antenna Type:	PCB Antenna
Antenna Gain:	0 dBi

4.2 Description of Support Units

Description	Manufacturer	turer Model No. Serial No.				
The EUT has been tested as an independent unit.						

4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Radiated Spurious Emissions Below 1GHz	± 4.5dB
Radiated Spurious Emissions Above 1GHz	± 4.8dB
Conducted Peak Output Power	± 0.75dB

Remark:

The Ulab (lab Uncertainty) is less than Ucispr (CISPR Uncertainty), so the test results

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;

non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.



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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:

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: 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.

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.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



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Equipment List 5

Radiated Spurious Emissions Below 1GHz					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2020-07-19	2023-07-18
MXE EMI Receiver	Agilent Technologies	N9038A	SEM004-15	2020-11-02	2021-11-01
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-02	2019-05-24	2022-05-23
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2021-03-24	2022-03-23
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2021-07-09	2022-07-08

Radiated Spurious Emissions Above 1GHz					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2021-03-26	2024-03-25
EXA Signal Analyzer	Agilent Technologies Inc	N9010A	SEM004-12	2021-02-01	2022-01-31
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2021-04-14	2024-04-13
Pre-Amplifier	Compliance Directions Systems Inc.	PAP-0126	SEM004-11	2020-09-23	2021-09-22
Measurement Software	AUDIX	e3 V8.2014-6- 27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2021-07-09	2022-07-08

Conducted Peak Output Power					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Shielding Room	SAEMC	MSR433	SEM001-11	2019-06-13	2022-06-12
EXA Signal Analyzer	KEYSIGHT	N9010A	SEM004-09	2020-04-09	2021-04-08
DC Power Supply	KEYSIGHT	E3642A	SEM011-07	2020-03-24	2021-03-23
Manual Step Attenuator	KEYSIGHT	8494B	SEM021-05	2020-04-09	2021-04-08
Manual Step Attenuator	KEYSIGHT	8496B	SEM021-06	2020-04-09	2021-04-08
Power Sensor	KEYSIGHT	U2021XA	SEM009-13	2020-03-25	2021-03-24
Power Sensor	KEYSIGHT	U2021XA	SEM009-14	2020-03-25	2021-03-24
Programmable Temperature&Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2020-03-24	2021-03-23
Measurement Software	JS Tonscend	JS1120-2 BT/WIFI V2.6	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM028-01	2020-07-10	2021-07-09



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General used equipment								
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date			
Humidity/ Temperature Indicator	· Mateoroioncai		SEM002-04	2020-09-15	2021-09-14			
Humidity/ Temperature Indicator			SEM002-08	2020-09-15	2021-09-14			
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2021-03-30	2022-03-29			



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6 Radio Spectrum Matter Test Results

6.1 Radiated Spurious Emissions Below 1GHz

Test Requirement47 CFR Part 15, Subpart C 15.205 & 15.209Test Method:ANSI C63.10 (2013) Section 6.4,6.5Measurement 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
960-1000	500	3

6.1.1 E.U.T. Operation

Operating Environment:

Temperature:	27.1 °C	Humidity:	64.6 % RH	Atmospheric Pressure:	1010	mbar
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6.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX_non-Hop mode_Keep the EUT in continuously transmitting mode with GFSK modulation, Pi/4DQPSK modulation, 8DPSK modulation. All modes have been tested and only the data of worst case is recorded in the report.



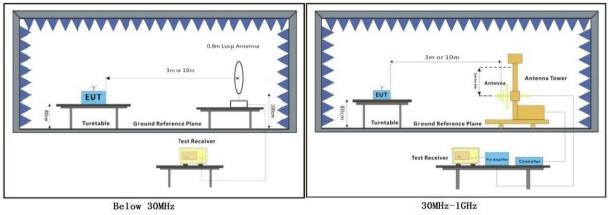
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6.1.3 Test Setup Diagram



6.1.4 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 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. 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.

c. 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.

d. 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.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. 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 quasi-peak method as specified and then reported in a data sheet.

g. Test the EUT in the lowest channel, the middle channel, the Highest channel.

h. 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.

i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

2. Scan from 9kHz to 30MHz, the disturbance 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. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.



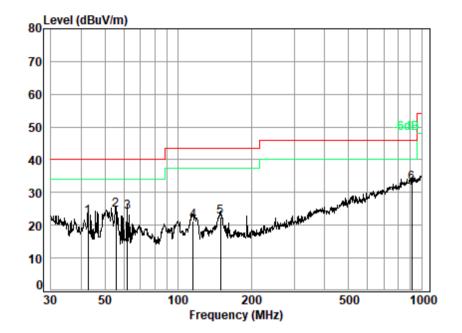
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Test Mode: 00; Polarity: Horizontal; Modulation:GFSK; Channel:Low



Site :	chamber
Condition:	3m VERTICAL
Job No. :	21875AT
Test Mode:	00

		Ant	Cable	Preamp	Read		Limit	0ver	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
_									
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	42.60	17.03	0.70	27.47	32.38	22.64	40.00	-17.36	QP
2	55.41	13.07	0.76	27.45	38.39	24.77	40.00	-15.23	QP
3	62.00	13.00	0.80	27.44	37.70	24.06	40.00	-15.94	QP
4	115.32	13.32	1.12	27.31	34.29	21.42	43.50	-22.08	QP
5	149.49	14.64	1.16	27.14	33.77	22.43	43.50	-21.07	QP
6 q	909.67	29.05	3.51	26.92	27.16	32.80	46.00	-13.20	Q P
									-



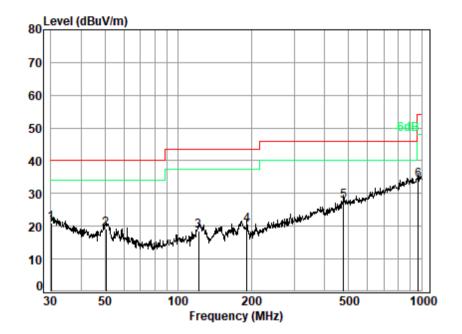
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Test Mode: 00; Polarity: Vertical; Modulation:GFSK; Channel:Low



Site :	chamber
Condition:	3m HORIZONTAL
Job No. :	21875AT
Test Mode:	00

		Ant	Cable	Preamp	Read		Limit	0ver	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	30.11	22.92	0.60	27.50	25.08	21.10	40.00	-18.90	QP
2	50.41	13.98	0.70	27.46	31.81	19.03	40.00	-20.97	QP
3	121.12	12.94	1.13	27.28	31.78	18.57	43.50	-24.93	QP
4	191.75	15.55	1.19	26.99	30.54	20.29	43.50	-23.21	QP
5 q	478.85	24.22	2.46	27.51	28.36	27.53	46.00	-18.47	QP
6	968.93	29.50	3.57	26.64	27.76	34.19	54.00	-19.81	QP
									-



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6.2 Radiated Spurious Emissions Above 1GHz

Test Requirement	47 CFR Part 15, Subpart C 15.205 & 15.209
Test Method:	ANSI C63.10 (2013) Section 6.6
Measurement Distance:	3m

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
Above 1000	500	3

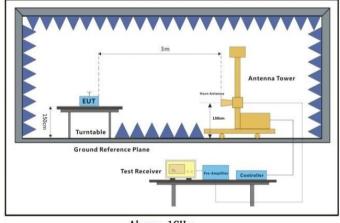
6.2.1 E.U.T. Operation

Operating Environment: Temperature: 23.5 °C Atmospheric Pressure: 1010 mbar Humidity: 53.5 % RH

6.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	TX_non-Hop mode_Keep the EUT in continuously transmitting mode with GFSK modulation, Pi/4DQPSK modulation, 8DPSK modulation. All modes have been tested and only the data of worst case is recorded in the report.

6.2.3 Test Setup Diagram



Above 1GHz



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6.2.4 Measurement Procedure and Data

a. 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.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. 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.

d. 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.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. 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 or average method as specified and then reported in a data sheet.

g. Test the EUT in the lowest channel, the middle channel, the Highest channel.

h. 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.

i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

2. Scan from 1GHz to 25GHz, the disturbance above 18GHz 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. As shown in this section, 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.



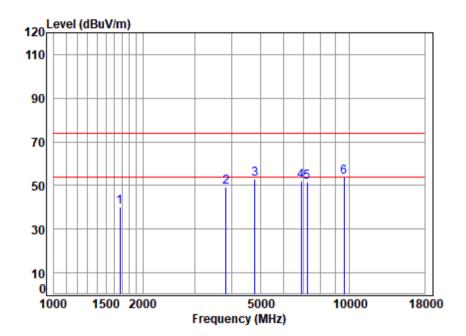
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Test Mode: 00; Polarity: Horizontal; Modulation:GFSK; Channel:Low



Site : chamber Condition: 3m HORIZONTAL Job No : 21875AT/21876AT Mode : 2402 TX SE Note : BT DH5											
		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	1672.779	3.41	26.57	40.05	50.04	39.97	74.00	-34.03	peak		
2	3823.371	6.02	32.30	41.29	52.17	49.20	74.00	-24.80	peak		
3	4804.000	7.10	33.62	42.14	54.20	52.78	74.00	-21.22	peak		
4	6874.906	8.48	35.28	41.78	50.15	52.13	74.00	-21.87	peak		
5	7206.000	8.74	35.67	41.50	48.82	51.73	74.00	-22.27	peak		
6	9608.000	10.81	37.34	37.76	43.31	53.70	74.00	-20.30	peak		



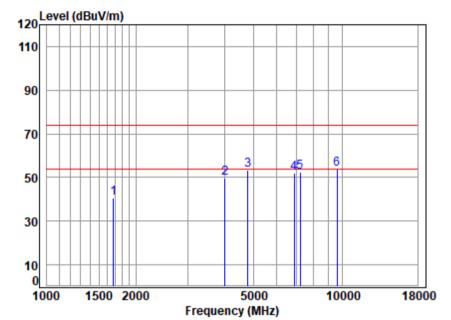
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Test Mode: 00; Polarity: Vertical; Modulation:GFSK; Channel:Low



Job N Mode	ition: 3m No : 218 : 240	875AT/ 02 TX	21876A	г					
Note	: BT		Ant	Ducomu	Peed		1 4 - 4 +	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	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	MHz 1682.477	dB 3.42	dB/m	dB 40.05			dBuV/m		peak
1 2					50.54	40.53		-33.47	
-	1682.477	3.42	26.62	40.05	50.54 52.11	40.53 49.59	74.00	-33.47 -24.41	peak
2	1682.477 4004.339	3.42 6.28	26.62 32.60	40.05 41.40	50.54 52.11 54.72	40.53 49.59 53.30	74.00 74.00	-33.47 -24.41 -20.70	peak peak
2 3	1682.477 4004.339 4804.000	3.42 6.28 7.10	26.62 32.60 33.62	40.05 41.40 42.14	50.54 52.11 54.72 50.09	40.53 49.59 53.30	74.00 74.00 74.00 74.00	-33.47 -24.41 -20.70	peak peak peak
2 3 4	1682.477 4004.339 4804.000 6874.906	3.42 6.28 7.10 8.48	26.62 32.60 33.62 35.28	40.05 41.40 42.14 41.78	50.54 52.11 54.72 50.09 49.43	40.53 49.59 53.30 52.07 52.34	74.00 74.00 74.00 74.00	-33.47 -24.41 -20.70 -21.93 -21.66	peak peak peak peak



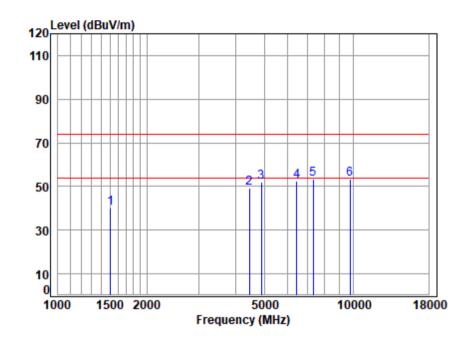
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Test Mode: 00; Polarity: Horizontal; Modulation:GFSK; Channel:middle



Site : chamber Condition: 3m HORIZONTAL Job No : 21875AT/21876AT Mode : 2441 TX SE Note : BT DH5											
		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	1507.470	3.27	25.74	39.96	50.91	39.96	74.00	-34.04	peak		
2	4456.315	6.72	32.97	41.84	51.42	49.27	74.00	-24.73	peak		
3	4882.000	7.18	33.77	42.20	53.06	51.81	74.00	-22.19	peak		
	6432.732	8.28	34.60	42.08	51.53	52.33	74.00	-21.67	peak		
4	0452.752										
4 5	7323.000	8.85		41.40	50.25	53.46	74.00	-20.54	peak		



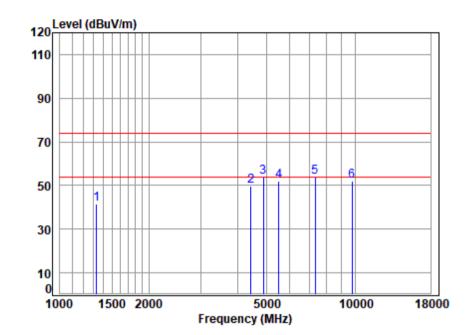
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Test Mode: 00; Polarity: Vertical; Modulation:GFSK; Channel:middle



Site : chamber Condition: 3m VERTICAL Job No : 21875AT/21876AT Mode : 2441 TX SE Note : BT DH5 Cable Ant Preamp Read Limit Over											
		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	1331.288	3.00	25.38	39.85	52.88	41.41	74.00	-32.59	peak		
2	4443.453	6.71	32.96	41.82	51.72	49.57	74.00	-24.43	peak		
3	4882.000	7.18	33.77	42.20	54.98	53.73	74.00	-20.27	peak		
4	5519.072	8.18	34.22	42.35	52.14	52.19	74.00	-21.81	peak		
5	7323.000	8.85	35.76	41.40	50.54	53.75	74.00	-20.25	peak		
6	9764.000	10.76	37.41	37.50	41.49	52.16	74.00	-21.84	peak		



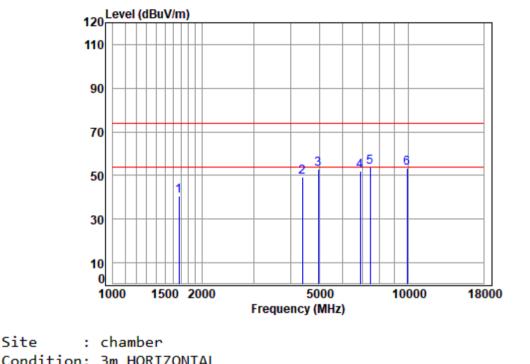
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Test Mode: 00; Polarity: Horizontal; Modulation:GFSK; Channel:High



Condition: Sm HORIZONTAL										
Job I	No : 218	875AT/	21876A	Г						
Mode	: 248	80 TX 3	SE							
Note	: BT	DH5								
		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	1672.779	3.41	26.57	40.05	50.51	40.44	74.00	-33.56	peak	
2	4392.376	6.66	32.92	41.78	51.43	49.23	74.00	-24.77	peak	
3	4960.000	7.26	33.92	42.27	54.05	52.96	74.00	-21.04	peak	
4	6874.906	8.48	35.28	41.78	49.89	51.87	74.00	-22.13	peak	
5	7440.000	8.96	35.85	41.29	50.19	53.71	74.00	-20.29	peak	
6	9920.000	10.71	37.47	37.23	42.35	53.30	74.00	-20.70	peak	



Site

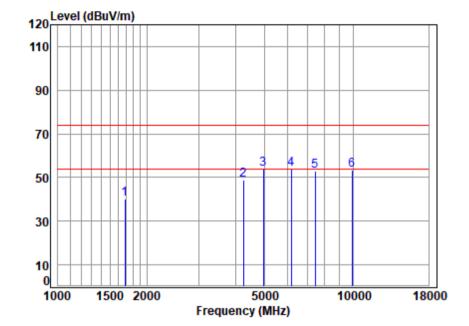
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Test Mode: 00; Polarity: Vertical; Modulation:GFSK; Channel:High



Cond Job Mode	Site : chamber Condition: 3m VERTICAL Job No : 21875AT/21876AT Mode : 2480 TX SE Note : BT DH5 Cable Ant Preamp Read Limit Over Freq Loss Factor Factor Level Level Line Limit Remark										
	Freq	LOSS	Factor	Factor	rever	rever	LTUG	LIMIC	Nelliark		
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB			
1	1687.347	3.42	26.64	40.05	50.15	40.16	74.00	-33.84	peak		
2	4242.641	6.52	32.80	41.64	51.01	48.69	74.00	-25.31	peak		
3	4960.000	7.26	33.92	42.27	54.73	53.64	74.00	-20.36	peak		
4	6159.797	8.27	34.60	42.28	53.06	53.65	74.00	-20.35	peak		
5	7440.000	8.96	35.85	41.29	49.54	53.06	74.00	-20.94	peak		
6	9920.000	10.71	37.47	37.23	42.54	53.49	74.00	-20.51	peak		



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6.3 Conducted Peak Output Power

47 CFR Part 15, Subpart C 15.247(b)(1) Test Requirement Test Method: ANSI C63.10 (2013) Section 7.8.5

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				

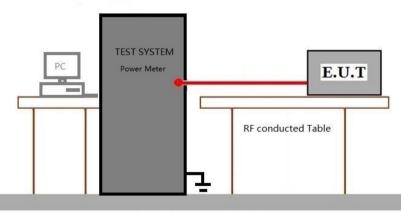
6.3.1 E.U.T. Operation

Operating Environment: Temperature: 25.3 °C

Humidity: 55.4 % RH

Atmospheric Pressure: 1010 mbar

6.3.2 Test Setup Diagram



Ground Reference Plane

6.3.3 Measurement Procedure and Data

Please Refer to Appendix for Details



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7 Test Setup Photo

Refer to Setup Photos

8 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SZCR2106021875AT



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9 Appendix

2. Maximum Conducted Output Power

2.1 Test Result

Test Mode	Frequency (MHz)	Тх Туре	Measured Peak Output Power (dBm) Ant 1	Limits (dBm)	Verdict
	2402	SISO	0.65	30	PASS
GFSK	2441	SISO	0.31	30	PASS
	2480	SISO	0.14	30	PASS
	2402	SISO	2.98	20.97	PASS
Pi/4DQPSK	2441	SISO	3.04	20.97	PASS
	2480	SISO	2.92	20.97	PASS
	2402	SISO	3.15	20.97	PASS
8DPSK	2441	SISO	3.21	20.97	PASS
	2480	SISO	3.06	20.97	PASS

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