



## Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR230200004504

Page: 1 of 29

# TEST REPORT

**Application No.:** FYCR2302000045AT  
**Applicant:** PAX Technology Limited  
**Address of Applicant:** Room 2416, 24/F., Sun Hung Kai Centre, 30 Harbour, Hong Kong, China  
**Manufacturer:** PAX Computer Technology (Shenzhen) Co., Ltd.  
**Address of Manufacturer:** 401 and 402, Building 3, Shenzhen Software Park, Nanshan District, Shenzhen City, Guangdong Province, P.R.C

**Equipment Under Test (EUT):**

**EUT Name:** Smart Handheld Computer  
**Model No.:** A6650  
**Trade Mark:** PAX  
**FCC ID:** V5PA6650  
**Standard(s) :** 47 CFR Part 15, Subpart C 15.247  
**Date of Receipt:** 2023-02-10  
**Date of Test:** 2023-02-16 to 2023-04-17  
**Date of Issue:** 2023-04-23

<b>Test Result:</b>	<b>Pass*</b>
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\* In the configuration tested, the EUT complied with the standards specified above.

Winkey Wang  
EMC Technical Manager



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<b>Revision Record</b>				
<b>Version</b>	<b>Chapter</b>	<b>Date</b>	<b>Modifier</b>	<b>Remark</b>
01		2023-04-23		Original

<b>Authorized for issue by:</b>			
		Tree Zhan	
		Tree Zhan/Project Engineer	
		Winkey Wang	
		Winkey Wang/Reviewer	

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**2 Test Summary**

<b>Radio Spectrum Technical Requirement</b>				
<b>Item</b>	<b>Standard</b>	<b>Method</b>	<b>Requirement</b>	<b>Result</b>
Antenna Requirement	47 CFR Part 15, Subpart C 15.247	N/A	47 CFR Part 15, Subpart C 15.203 & 15.247(b)(4)	Pass

<b>Radio Spectrum Matter Part</b>				
<b>Item</b>	<b>Standard</b>	<b>Method</b>	<b>Requirement</b>	<b>Result</b>
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 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		ANSI C63.10 (2013) Section 6.6	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass

**Remark:**

This report is based on original FCC ID: XMR2022SC200ENA, to change FCC ID to be V5PA6650, then change BLE antenna and install into a host. Therefore, Radiated Emissions which fall in the restricted bands, Radiated Spurious Emissions Below 1GHz and Radiated Spurious Emissions Above 1GHz were re-tested on this report. For other test data, please refer to original FCC ID test report.

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**4 General Information****4.1 Details of E.U.T.**

Power supply:	DC3.7V by li-ion battery(5400mAh) Recharged by AC/DC Power Adapter Adapter M/N: GLH-PD18W-U Adapter Input: AC100-240V, 50/60Hz, 0.5A Adapter Output:DC5V/3A, 9V/2A, 12V/1.5A
Cable(s):	USB Type C to Type C cable: 1m unshielded cable without ferrite core
Operation Frequency:	2402MHz to 2480MHz
Bluetooth Version:	V5.0 Dual mode
Data rate:	1M
Modulation Type:	GFSK
Number of Channels:	40
Channel Spacing:	2MHz
Antenna Type:	FPC Antenna
Antenna Gain:	-0.22dBi

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

**4.2 Description of Support Units**

Description	Manufacturer	Model No.	Serial No.
--	--	--	--

The EUT has been tested as an independent unit.

**4.3 Measurement Uncertainty**

Test Item	Measurement Uncertainty
Radiated Emissions which fall in the restricted bands	± 4.4dB (Above 1GHz)
Radiated Spurious Emissions Below 1GHz	± 3.1dB (Below 1GHz)
Radiated Spurious Emissions Above 1GHz	± 4.4dB (Above 1GHz)



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**4.4 Test Location**

All tests were performed at:

Compliance Certification Services (Kunshan) Inc. Shenzhen branch.

Fuyong lab. Xinlong TechnoPark, Fengtang Road, Fuyong Subdistrict, Bao'an, Shenzhen, China

Tel: +86 755 8866 3988 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. 6606.01)**

Compliance Certification Services (Kunshan) Inc. Shenzhen branch is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6606.01.

**• FCC –Designation Number: CN1322**

Compliance Certification Services (Kunshan) Inc. Shenzhen branch has been recognized as an accredited testing laboratory.

Designation Number: CN1322. Test Firm Registration Number: 718073

**• Innovation, Science and Economic Development Canada**

Compliance Certification Services (Kunshan) Inc. Shenzhen branch has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0129.

IC#: 28189.

**4.6 Deviation from Standards**

None

**4.7 Abnormalities from Standard Conditions**

None

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**5 Equipment List**

<b>Radiated Emissions which fall in the restricted bands</b>					
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Inventory No.</b>	<b>Cal Date</b>	<b>Cal Due Date</b>
3m Anechoic Chamber	CRT	N/A	SEM001-13	2021/7/13	2024/7/12
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9120D	SEM003-32	2021/9/26	2024/9/25
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-23	2022/4/24	2023/4/23
Coaxial Cable	CCS	N/A	SEM035-02	2022/5/16	2023/5/15
Pre-amplifier	TST PASS	LNA04080G30	SEM005-27	2022/4/15	2023/4/14
Pre-amplifier	TST PASS	LNA10180G45		2023/4/14	2024/4/13
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A

<b>Radiated Spurious Emissions Below 1GHz</b>					
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Inventory No.</b>	<b>Cal Date</b>	<b>Cal Due Date</b>
3m Anechoic Chamber	CRT	N/A	SEM001-13	2021/7/13	2024/7/12
Trilog-Broadband Antenna	Schwarzbeck	VULB9168	SEM003-33	2021/9/25	2024/9/24
Loop Antenna	ETS-LINDGREN	6502	SEM003-36	2021/9/26	2024/9/25
MXE EMI receiver	Agilent	N9038A	SEM004-05	2022/7/12	2023/7/11
Pre-amplifier	HP	8447D	SEM005-02	2022/7/12	2023/7/11
Coaxial Cable	CCS	N/A	SEM035-01	2022/5/16	2023/5/15
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A

<b>Radiated Spurious Emissions Above 1GHz</b>					
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Inventory No.</b>	<b>Cal Date</b>	<b>Cal Due Date</b>
3m Anechoic Chamber	CRT	N/A	SEM001-13	2021/7/13	2024/7/12
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9120D	SEM003-32	2021/9/26	2024/9/25
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-23	2022/4/24	2023/4/23
Coaxial Cable	CCS	N/A	SEM035-02	2022/5/16	2023/5/15
Pre-amplifier	TST PASS	LNA04080G30	SEM005-27	2022/4/15	2023/4/14
Pre-amplifier	TST PASS	LNA10180G45		2023/4/14	2024/4/13
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A



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<b>General used equipment</b>					
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Inventory No.</b>	<b>Cal Date</b>	<b>Cal Due Date</b>
Humidity/ Temperature Indicator	Mingle	TH607	SEM002-22	2022/7/12	2023/7/11
Humidity/ Temperature Indicator	Mingle	TH607	SEM002-23	2022/7/12	2023/7/11
Barometer	DUMAI	DYM3	SEM002-24	2022/7/12	2023/7/11

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## 6 Radio Spectrum Technical Requirement

### 6.1 Antenna Requirement

#### 6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203 & 15.247(b)(4)

#### 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 -0.22dBi.

Antenna location: Refer to internal photo.



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## 7 Radio Spectrum Matter Test Results

### 7.1 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.

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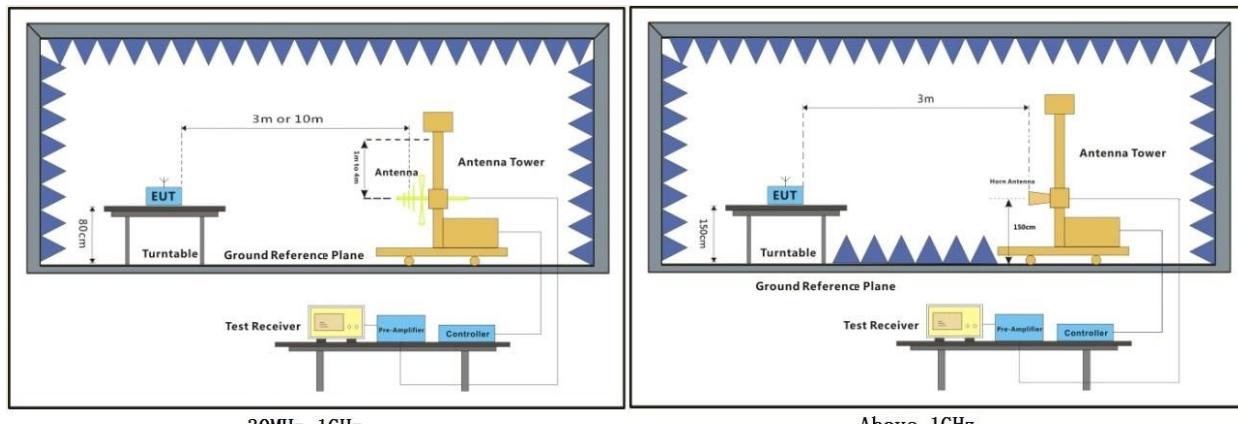
**7.1.1 E.U.T. Operation**

Operating Environment:

Temperature: 23.5 °C      Humidity: 56.3 % RH      Atmospheric Pressure: 1020 mbar

**7.1.2 Test Mode Description**

Pre-scan / Final test	Mode Code	Description
Pre-scan	03	TX mode_Keep the EUT in continuously transmitting mode with GFSK modulation.
Final test	04	Charge + TX mode_Keep the EUT in charging and continuously transmitting mode with GFSK modulation.

**7.1.3 Test Setup Diagram**

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**7.1.4 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 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.



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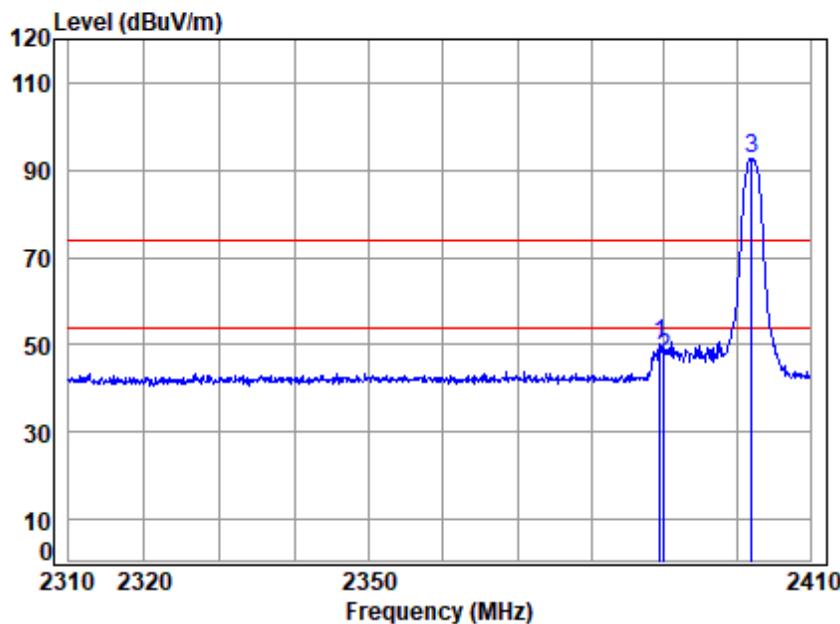
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR230200004504

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Test Mode: 04; Polarity: Horizontal; Modulation:GFSK; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00045AT\00046AT

Mode : 2402 Band edge

Note : BLE

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over		
							dBuV	dBuV/m	dB
MHz									
1 2389.356	5.05	27.16	32.50	50.47	50.18	74.00	-23.82	peak	
2 2390.000	5.05	27.16	32.50	47.36	47.07	74.00	-26.93	peak	
3 . 2402.000	5.06	27.18	32.50	92.76	92.50	74.00	18.50	peak	

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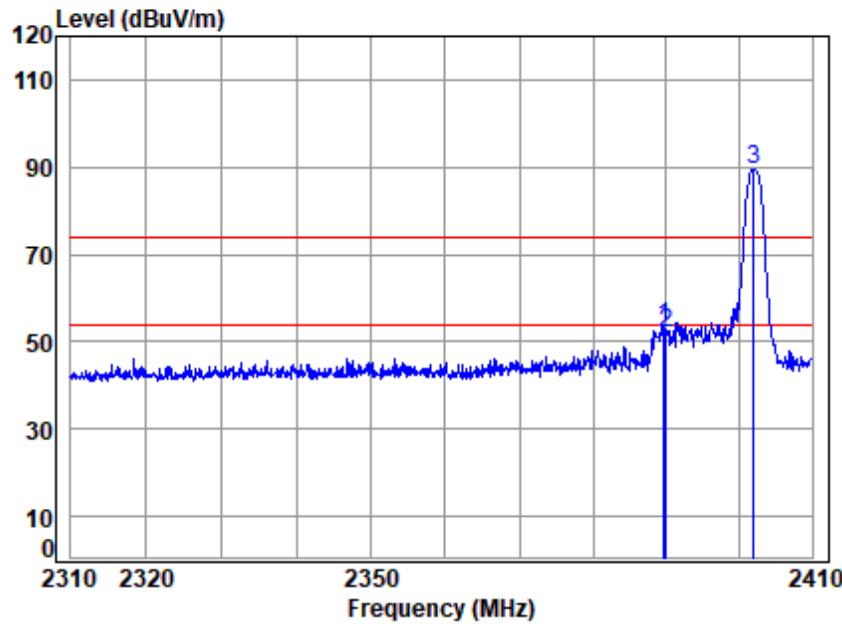
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR230200004504

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Test Mode: 04; Polarity: Vertical; Modulation:GFSK; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 00045AT\00046AT

Mode : 2402 Band edge

Note : BLE

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark	
								MHz	dB
1 2389.659	5.05	27.16	32.50	53.63	53.34	74.00	-20.66	peak	
2 2390.000	5.05	27.16	32.50	52.48	52.19	74.00	-21.81	peak	
3 . 2402.000	5.06	27.18	32.50	89.58	89.32	74.00	15.32	peak	

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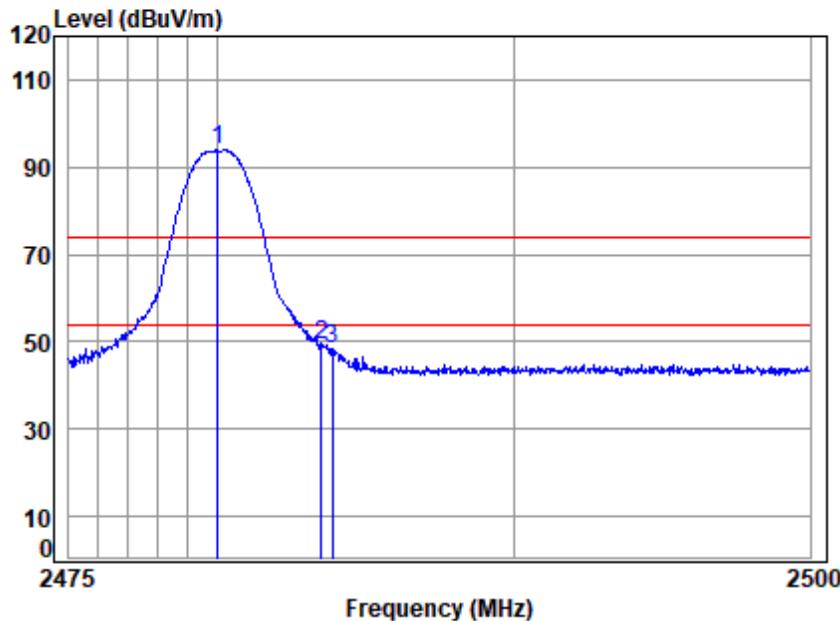
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Report No.: FYCR230200004504

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Test Mode: 04; Polarity: Horizontal; Modulation:GFSK; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00045AT\00046AT

Mode : 2480 Band edge

Note : BLE

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark	
								dB	
MHz									
1 . 2480.000	5.12	27.36	32.50	93.87	93.85	74.00	19.85	peak	
2 2483.500	5.12	27.36	32.50	49.44	49.42	74.00	-24.58	peak	
3 2483.871	5.12	27.37	32.50	48.30	48.29	74.00	-25.71	peak	

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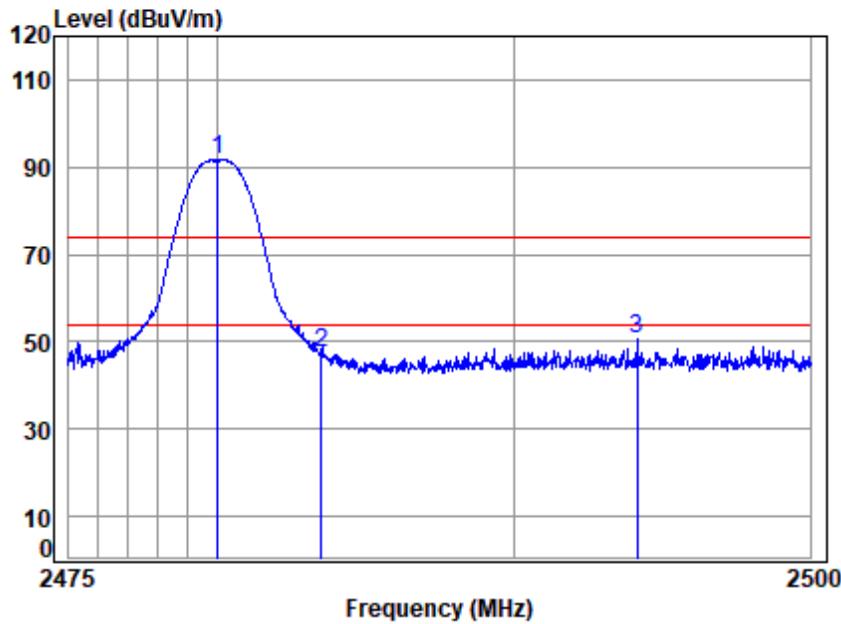
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Report No.: FYCR230200004504

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Test Mode: 04; Polarity: Vertical; Modulation:GFSK; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 00045AT\00046AT

Mode : 2480 Band edge

Note : BLE

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark	
								dB	
MHz									
1 . 2480.000	5.12	27.36	32.50	91.61	91.59	74.00	17.59	peak	
2 2483.500	5.12	27.36	32.50	47.39	47.37	74.00	-26.63	peak	
3 2494.153	5.13	27.39	32.50	50.57	50.59	74.00	-23.41	peak	

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**7.2 Radiated Spurious Emissions Below 1GHz**

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

Test Method: ANSI C63.10 (2013) Section 6.4,6.5

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
960-1000	500	3

**7.2.1 E.U.T. Operation**

Operating Environment:

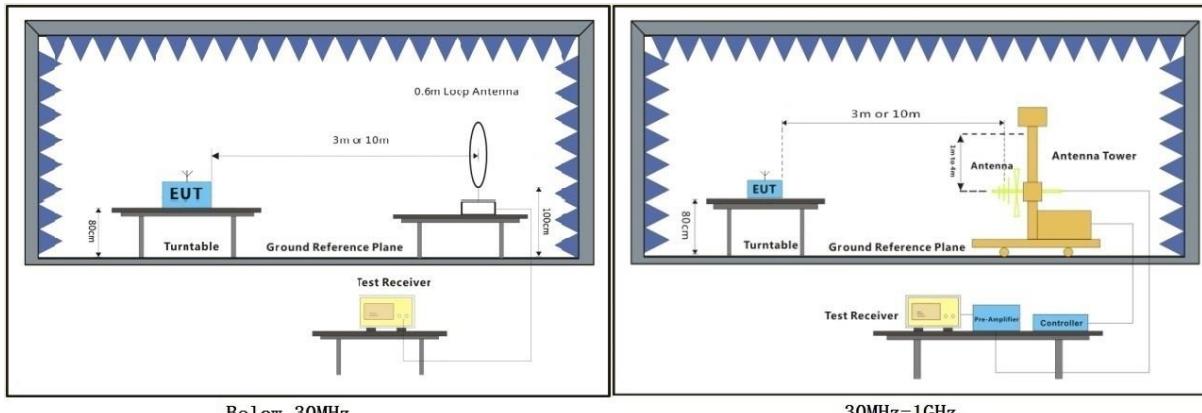
Temperature: 23.5 °C

Humidity: 52.9 % RH

Atmospheric Pressure: 1020 mbar

**7.2.2 Test Mode Description**

Pre-scan / Final test	Mode Code	Description
Pre-scan	03	TX mode_Keep the EUT in continuously transmitting mode with GFSK modulation.
Final test	04	Charge + TX mode_Keep the EUT in charging and continuously transmitting mode with GFSK modulation.

**7.2.3 Test Setup Diagram**

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**7.2.4 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 or 10 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.

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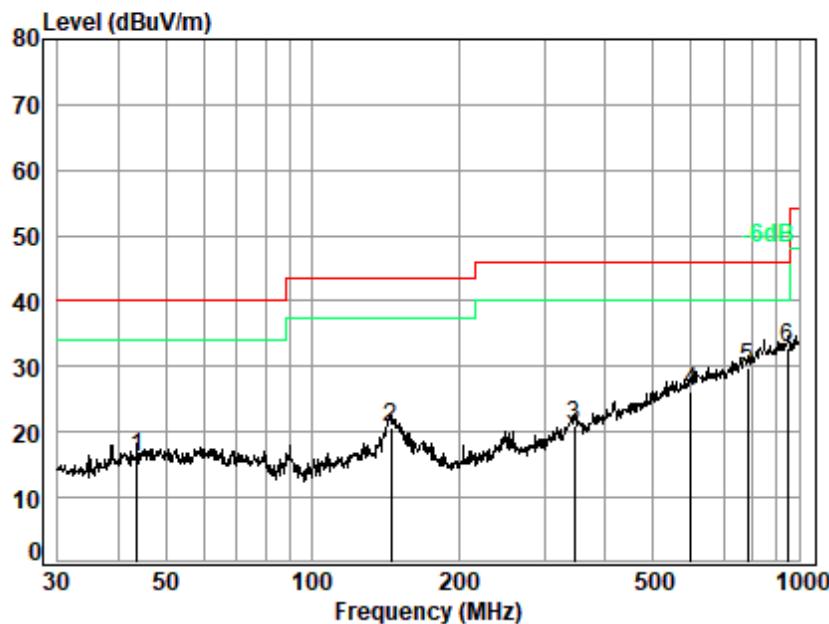
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Test Mode: 04; Polarity: Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00045AT

Mode : 04

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	Loss	Factor	Factor	Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	43.659	0.22	17.28	26.01	24.71	16.20	40.00 -23.80 QP
2	144.842	0.94	17.44	25.53	27.75	20.60	43.50 -22.90 QP
3	345.595	1.48	19.81	25.43	24.99	20.85	46.00 -25.15 QP
4	599.321	2.26	24.34	25.00	24.60	26.20	46.00 -19.80 QP
5	785.093	1.97	26.87	24.25	25.12	29.71	46.00 -16.29 QP
6	948.761	2.18	29.26	24.05	25.37	32.76	46.00 -13.24 QP

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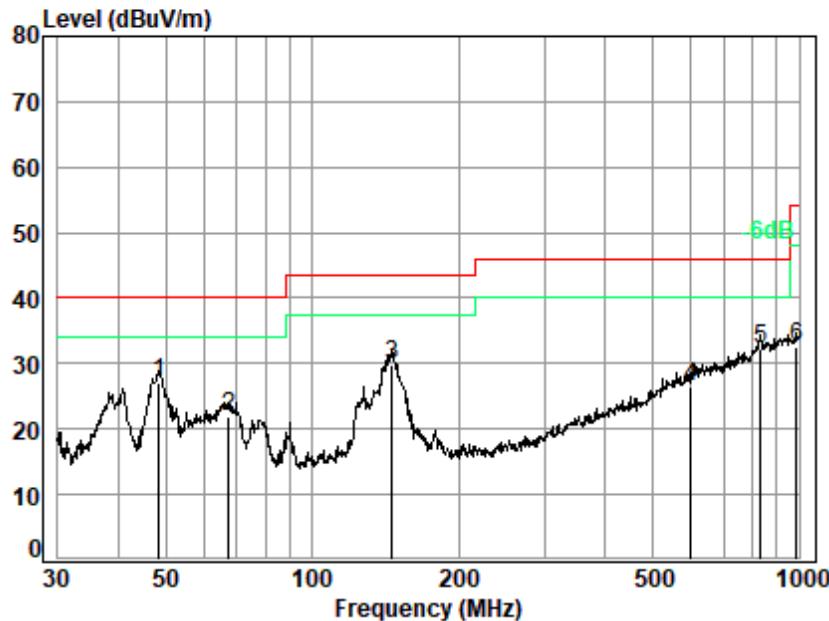
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Test Mode: 04; Polarity: Vertical



Site : chamber

Condition: 3m VERTICAL

Job No : 00045AT

Mode : 04

Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
	Loss	Factor	Factor	Level	Level	Line	
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dB
1	48.502	0.22	17.30	26.00	35.46	26.98	40.00 -13.02 QP
2	67.438	0.28	16.40	25.87	31.24	22.05	40.00 -17.95 QP
3	145.861	0.93	17.43	25.53	37.05	29.88	43.50 -13.62 QP
4	599.321	2.26	24.34	25.00	24.99	26.59	46.00 -19.41 QP
5	833.317	2.68	27.76	24.16	26.11	32.39	46.00 -13.61 QP
6	989.536	2.74	29.32	24.01	24.55	32.60	54.00 -21.40 QP

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### 7.3 Radiated Spurious Emissions Above 1GHz

Test Requirement 47 CFR Part 15, Subpart C 15.205 &amp; 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

#### 7.3.1 E.U.T. Operation

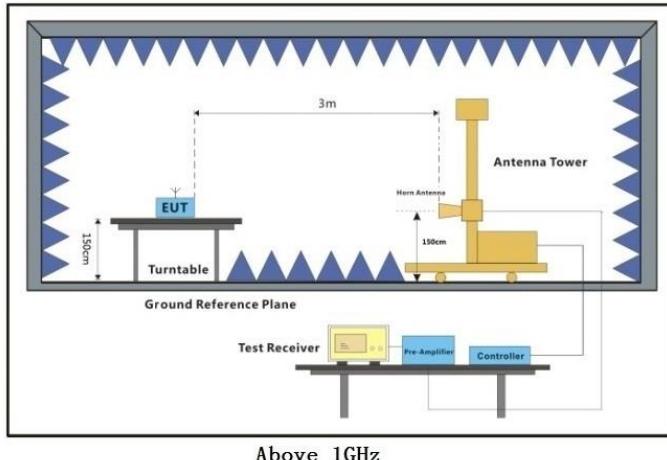
Operating Environment:

Temperature: 23.5 °C      Humidity: 56.3 % RH      Atmospheric Pressure: 1020 mbar

#### 7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	03	TX mode_Keep the EUT in continuously transmitting mode with GFSK modulation.
Final test	04	Charge + TX mode_Keep the EUT in charging and continuously transmitting mode with GFSK modulation.

#### 7.3.3 Test Setup Diagram



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**7.3.4 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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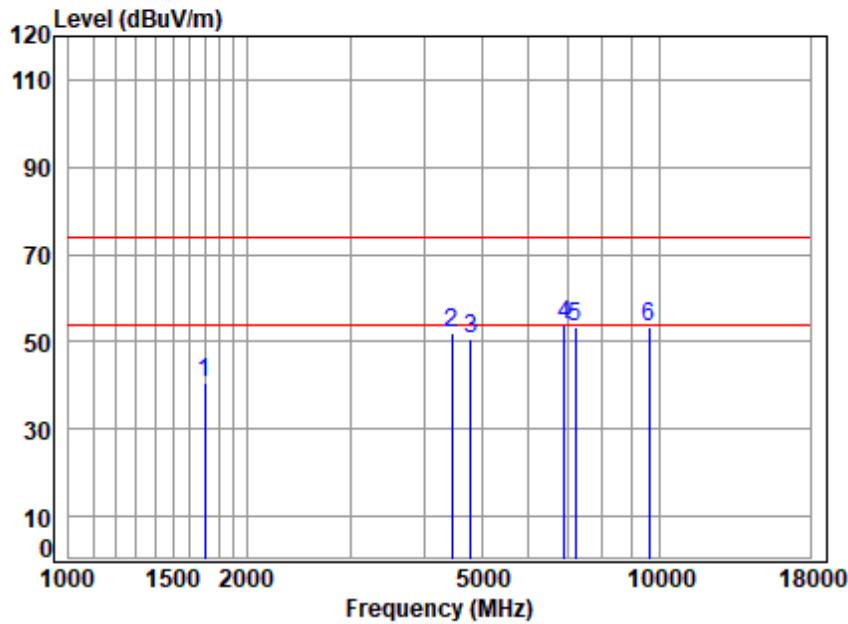
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Test Mode: 04; Polarity: Horizontal; Modulation:GFSK; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00045AT\00046AT

Mode : 2402 TX RSE

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit

	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	1702.042	4.20	25.01	52.96	64.33	40.58	74.00	-33.42 peak
2	4456.315	7.47	30.14	52.95	67.50	52.16	74.00	-21.84 peak
3	4804.000	7.98	30.94	53.05	64.67	50.54	74.00	-23.46 peak
4	6894.806	8.09	35.55	53.43	63.60	53.81	74.00	-20.19 peak
5	7206.000	8.29	36.05	53.52	62.49	53.31	74.00	-20.69 peak
6	9608.000	11.41	37.53	53.58	57.92	53.28	74.00	-20.72 peak

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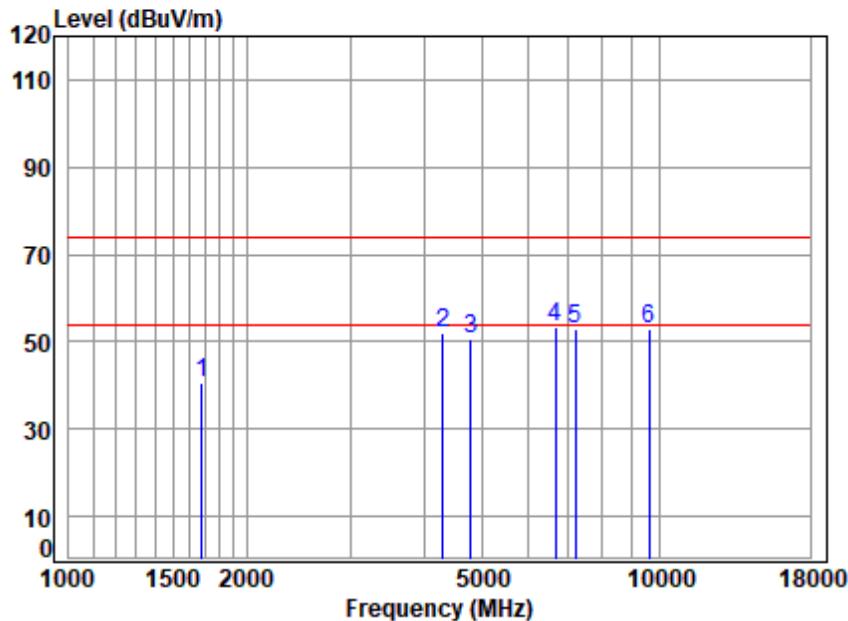
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Test Mode: 04; Polarity: Vertical; Modulation:GFSK; Channel:Low



Site : chamber

Condition: 3m VERTICAL

Job No : 00045AT\00046AT

Mode : 2402 TX RSE

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit

	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	1682.477	4.16	24.97	52.95	64.51	40.69	74.00	-33.31 peak
2	4304.400	7.48	29.94	52.90	67.60	52.12	74.00	-21.88 peak
3	4804.000	7.98	30.94	53.05	64.85	50.72	74.00	-23.28 peak
4	6679.040	7.88	35.04	53.29	63.86	53.49	74.00	-20.51 peak
5	7206.000	8.29	36.05	53.52	62.25	53.07	74.00	-20.93 peak
6	9608.000	11.41	37.53	53.58	57.79	53.15	74.00	-20.85 peak

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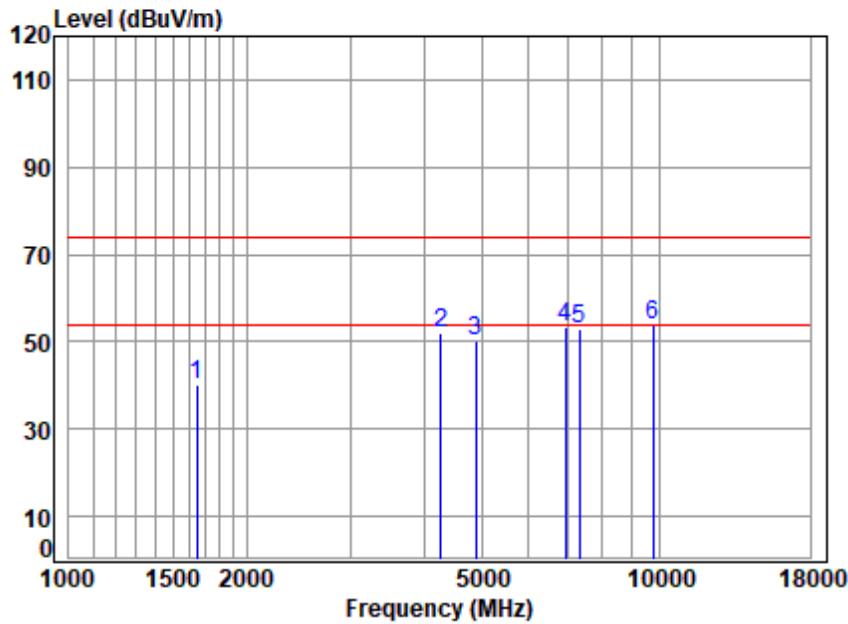
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Test Mode: 04; Polarity: Horizontal; Modulation:GFSK; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00045AT\00046AT

Mode : 2440 TX RSE

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit

	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	1648.778	4.09	24.90	52.93	63.94	40.00	74.00	-34.00 peak
2	4267.237	7.48	29.88	52.89	67.67	52.14	74.00	-21.86 peak
3	4880.000	8.11	31.12	53.07	64.09	50.25	74.00	-23.75 peak
4	6934.778	8.13	35.65	53.46	62.91	53.23	74.00	-20.77 peak
5	7320.000	8.35	36.19	53.53	62.03	53.04	74.00	-20.96 peak
6	9760.000	11.30	37.87	53.43	58.18	53.92	74.00	-20.08 peak

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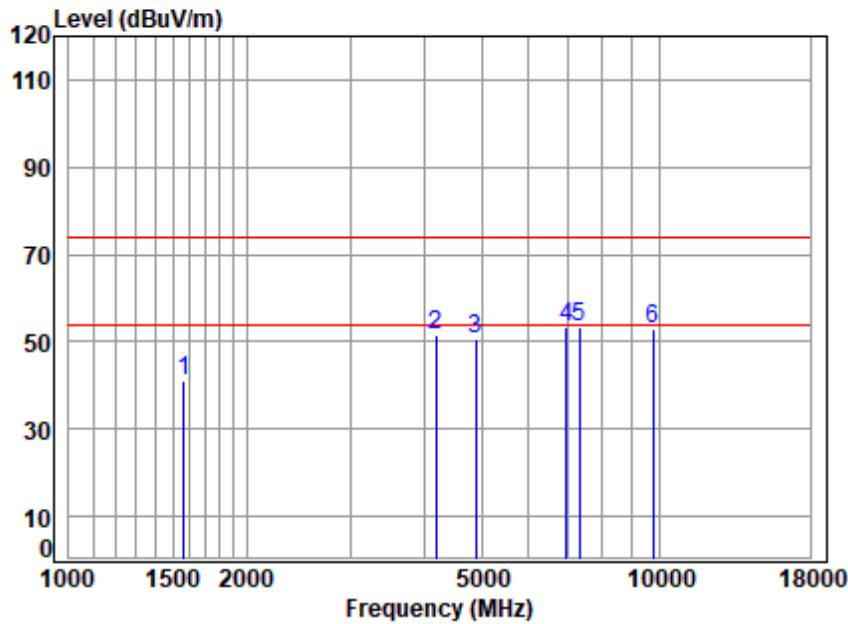
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Test Mode: 04; Polarity: Vertical; Modulation:GFSK; Channel:middle



Site : chamber

Condition: 3m VERTICAL

Job No : 00045AT\00046AT

Mode : 2440 TX RSE

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit

	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	1565.191	3.91	24.70	52.89	65.32	41.04	74.00	-32.96 peak
2	4181.768	7.48	29.76	52.86	67.12	51.50	74.00	-22.50 peak
3	4880.000	8.11	31.12	53.07	64.51	50.67	74.00	-23.33 peak
4	6954.852	8.15	35.70	53.47	63.18	53.56	74.00	-20.44 peak
5	7320.000	8.35	36.19	53.53	62.17	53.18	74.00	-20.82 peak
6	9760.000	11.30	37.87	53.43	57.41	53.15	74.00	-20.85 peak



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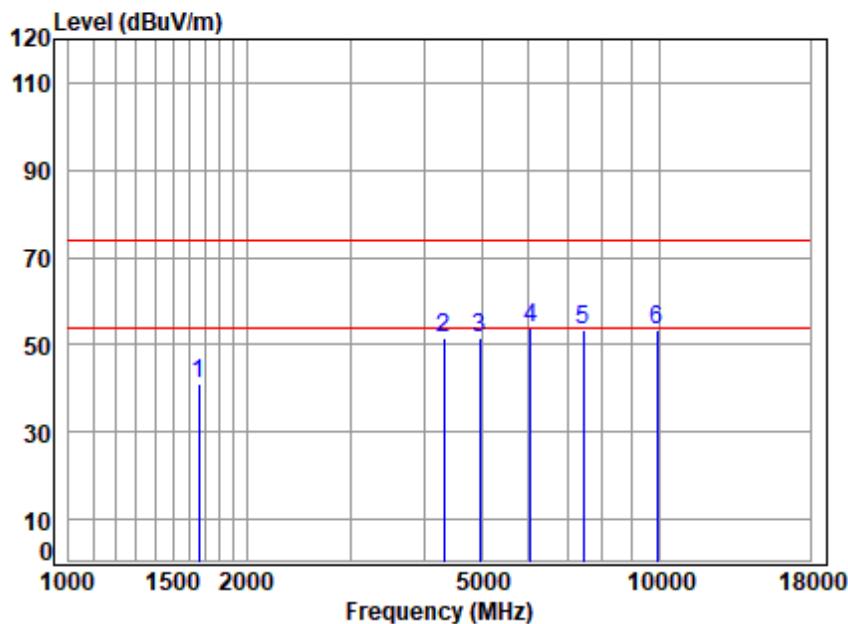
**Compliance Certification Services (Kunshan) Inc. Shenzhen Branch**

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR230200004504

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Test Mode: 04; Polarity: Horizontal; Modulation:GFSK; Channel:High



Site : chamber

Condition: 3m HORIZONTAL

Job No : 00045AT\00046AT

Mode : 2480 TX RSE

	Cable	Ant	Preamp	Read	Limit	Over	
Freq	Loss	Factor	Factor	Level	Level	Line	Limit

	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1	1658.337	4.11	24.92	52.94	65.01	41.10	74.00	-32.90 peak
2	4316.859	7.48	29.95	52.90	66.88	51.41	74.00	-22.59 peak
3	4960.000	8.24	31.31	53.09	65.06	51.52	74.00	-22.48 peak
4	6053.894	7.65	32.65	52.84	66.36	53.82	74.00	-20.18 peak
5	7440.000	8.40	36.33	53.55	62.14	53.32	74.00	-20.68 peak
6	9920.000	11.18	38.22	53.28	57.48	53.60	74.00	-20.40 peak

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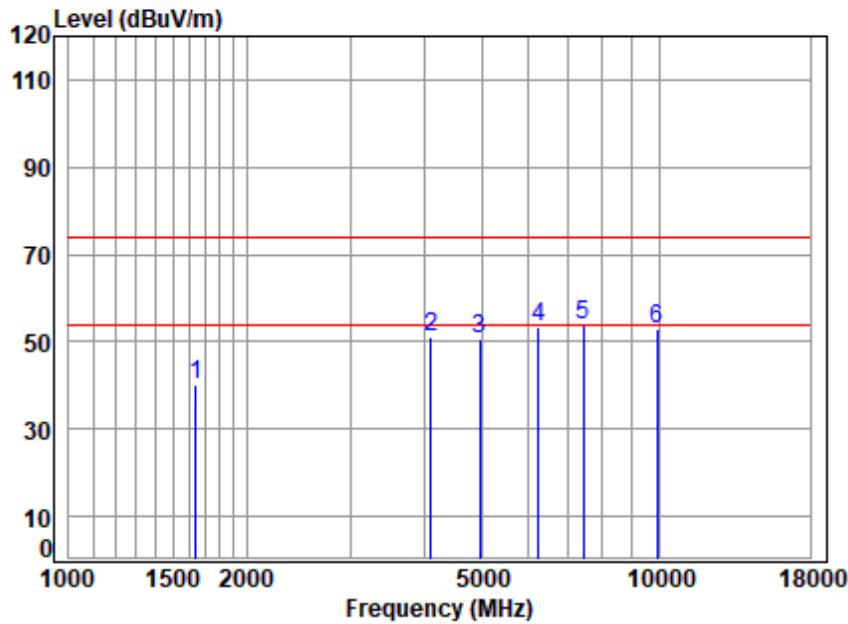
**Compliance Certification Services (Kunshan) Inc. Shenzhen Branch**

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR230200004504

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Test Mode: 04; Polarity: Vertical; Modulation:GFSK; Channel:High



Site : chamber

Condition: 3m VERTICAL

Job No : 00045AT\00046AT

Mode : 2480 TX RSE

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Line Limit	Over Limit	Remark	
								dB	
MHz									
1 1644.019	4.08	24.89	52.93	64.07	40.11	74.00	-33.89	peak	
2 4109.872	7.49	29.66	52.84	66.80	51.11	74.00	-22.89	peak	
3 4960.000	8.24	31.31	53.09	64.08	50.54	74.00	-23.46	peak	
4 6249.464	7.67	33.52	52.98	65.25	53.46	74.00	-20.54	peak	
5 7440.000	8.40	36.33	53.55	62.62	53.80	74.00	-20.20	peak	
6 9920.000	11.18	38.22	53.28	56.91	53.03	74.00	-20.97	peak	

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## 8 Test Setup Photo

Refer to Appendix – BT/WIFI Test Setup Photo for FYCR2302000045AT

## 9 EUT Constructional Details (EUT Photos)

Refer to Appendix – External and Internal Photos for FYCR2302000045AT

- End of the Report -



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