


# TEST REPORT

**Application No.:** SZCR2311003558AT  
**Applicant:** DT Research, Inc.  
**Address of Applicant:** 3RD FL NO 36 WUQUAN 7TH RD WUGU DISTRICT, NEW TAIPEI, Taiwan  
**Manufacturer:** DT Research, Inc.  
**Address of Manufacturer:** 2000 Concourse Drive, San Jose, CA 95131, USA  
**Factory:** DT Research, Inc. Taiwan Branch  
**Address of Factory:** 6F., No.36 Wuquan 7th Rd., Wugu Dist. New Taipei City 248 Taiwan  
**Equipment Under Test (EUT):**  
**EUT Name:** Rugged Tablet  
**Model No.:** DT340T, DT340XXXXX(X=0-9, A-Z, - or null, or ., or /) ♣  
 ♣ Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.  
**Trade Mark:**  
  
**FCC ID:** YE3600-AX210NG  
**Standard(s) :** 47 CFR Part 15, Subpart C 15.247  
**Date of Receipt:** 2023-11-07  
**Date of Test:** 2023-11-09 to 2023-11-21  
**Date of Issue:** 2023-11-25

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

*Kenx. Xu*

Kenx Xu  
EMC Laboratory Manager



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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2023-11-25		Original

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



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## 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(b)(4)	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
Radiated Emissions which fall in the restricted bands		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:

Model No.: DT340T, DT340XXXX(X=0-9, A-Z, - or null, or ., or /)

Only the model DT340T was tested, since according to the declaration from the applicant, the electrical circuit design, layout, components used, internal wiring and functions were identical for all the above models, with only difference on model No..

The modular approval by FCC, FCC ID:YE3600-AX210NG, Granted on 05/06/2022.

The module installed into host platform mentioned above is electronically and mechanically identical to the original certified module. The Original FCC testing on module under FCC ID: PD9AX210NG was performed with an antenna of a different gain, and the antenna was connected to the module in an open environment. The current host platform under application is used a new antenna of the same type and a different gain than the original certified module, and it is installed inside the host platform enclosure.

Therefore in this report Conducted Emissions at AC Power Line (150kHz-30MHz), Radiated Emissions which fall in the restricted bands and Radiated Spurious Emissions were fully retested on model DT340T and shown the data in this report.



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### 9 EUT Constructional Details (EUT Photos).....46



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## 4 General Information

### 4.1 Details of E.U.T.

Power supply:	<p>Medical AC Adapter Model: EM11011M-190 Input: AC 100-240V, 2.0-1.0A, 50-60Hz Output: DC 19.0V, 6.31A, 120.0W</p> <p>Rechargeable lithium-Ion Polymer Battery(Battery1) Model: ACC-006-60K(3ICP9/36/115) Rated Capacity: 5400mAh Voltage: 11.4VDC Watt-Hour: 61.56Wh Max Charge Voltage:13.05V</p> <p>Rechargeable lithium-Ion Polymer Battery(Battery2) Model: ACC-006-60K(3ICP9/36/115) Rated Capacity: 5400mAh Voltage: 11.4VDC Watt-Hour: 61.56Wh Max Charge Voltage:13.05V</p> <p>Wall Cradle: ACC-008-340T-4K Keyboard Cradle: ACC-003-13</p>
Cable(s):	DC cable:140cm with a ferrite core
Operation Frequency:	2402MHz to 2480MHz
Bluetooth Version:	V5.2
Modulation Type:	GFSK
Number of Channels:	40
Channel Spacing:	2MHz
Data rate:	1Mbps
Antenna Type:	PIFA Antenna
Antenna Gain:	Antenna1:2.2dBi

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



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## 4.2 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
Conducted Emissions at AC Power Line (150kHz-30MHz)	$\pm 3.1\text{dB}$
Radiated Emissions which fall in the restricted bands	$\pm 6.0\text{dB}$ (Below 1GHz); $\pm 4.6\text{dB}$ (Above 1GHz)
Radiated Spurious Emissions Below 1GHz	$\pm 6.0\text{dB}$ for 3m; $\pm 5.0\text{dB}$ for 10m
Radiated Spurious Emissions Above 1GHz	$\pm 4.6\text{dB}$ (1-18GHz); $\pm 4.8\text{dB}$ (18-40GHz)

Remark:

The  $U_{\text{lab}}$  (lab Uncertainty) is less than  $U_{\text{CISPR/ETSI}}$  (CISPR/ETSI 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, Nanshan District, 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: CN1336

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

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

### • Innovation, Science and Economic Development Canada

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

CAB identifier: CN0006.

IC#: 4620C.

## 4.6 Deviation from Standards

None

## 4.7 Abnormalities from Standard Conditions

None



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## 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	2022-05-14	2025-05-13
EMI Test Receiver	Rohde&Schwarz	ESCI	SEM004-02	2023-03-20	2024-03-19
Measurement Software	AUDIX	e3 V8.2014-6-27a	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM024-01	2023-07-07	2024-07-06
LISN	Rohde&Schwarz	ENV216	SEM007-01	2023-09-19	2024-09-18
LISN	ETS-LINDGREN	3816/2	SEM007-02	2023-03-20	2024-03-19

Radiated Emissions which fall in the restricted bands					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
3m Fully-Anechoic Chamber	AUDIX	N/A	SEM001-02	2023-04-01	2026-03-31
Signal Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2023-03-20	2024-03-19
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2023-07-23	2025-07-22
Microwave system amplifier	Agilent	83017A	SEM005-25	2023-09-19	2024-09-18
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2023-07-07	2024-07-06
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	SEM003-15	2022-08-10	2024-08-09
Pre-Amplifier	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2023-03-20	2024-03-19

Radiated Spurious Emissions Below 1GHz					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Loop Antenna	ETS-Lindgren	6502	SEM003-08	2021-11-30	2023-11-29
3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEM001-01	2023-06-19	2026-06-18
MXE EMI Receiver	Agilent Technologies	N9038A	SEM004-15	2023-10-19	2024-10-18
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-01	2023-09-16	2025-09-15
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2023-03-20	2024-03-19
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2023-07-07	2024-07-06

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Radiated Spurious Emissions Above 1GHz					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
3m Fully-Anechoic Chamber	AUDIX	N/A	SEM001-02	2023-04-01	2026-03-31
Signal Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2023-03-20	2024-03-19
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2023-07-23	2025-07-22
Microwave system amplifier	Agilent	83017A	SEM005-25	2023-09-19	2024-09-18
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2023-07-07	2024-07-06
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	SEM003-15	2022-08-10	2024-08-09
Pre-Amplifier	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2023-03-20	2024-03-19

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



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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

15.203 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 shall be considered sufficient to comply with the provisions of this section. 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. This requirement does not apply to carrier current devices or to devices operated under the provisions of 15.211, 15.213, 15.217, 15.219, 15.221, or 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

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 connector is a IPEX type that comply with Part15.203, the best case gain of the antenna1 is 2.2dBi.

Antenna location: Refer to internal photo.



## 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:

Frequency of emission(MHz)	Conducted limit(dBμV)	
	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 frequency.

Detector: Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz

#### 7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 23.2 °C

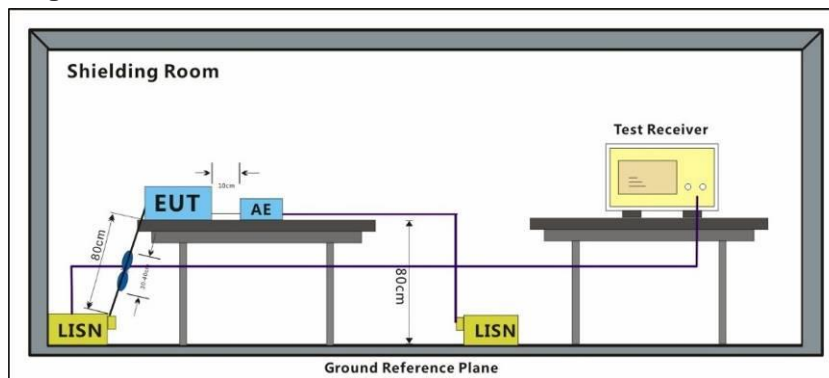
Humidity: 50.5 % RH

Atmospheric Pressure: 1000 mbar

#### 7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	11	Charge + TX mode(1Mbps)_Keep the EUT in charging and continuously transmitting mode with GFSK modulation.
Final test	13	Charge + TX mode(2Mbps)_Keep the EUT in charging and continuously transmitting mode with GFSK modulation.

#### 7.1.3 Test Setup Diagram





## 7.1.4 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 50ohm/50μH + 5ohm 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: Level=Read Level+ Cable Loss+ LISN Factor



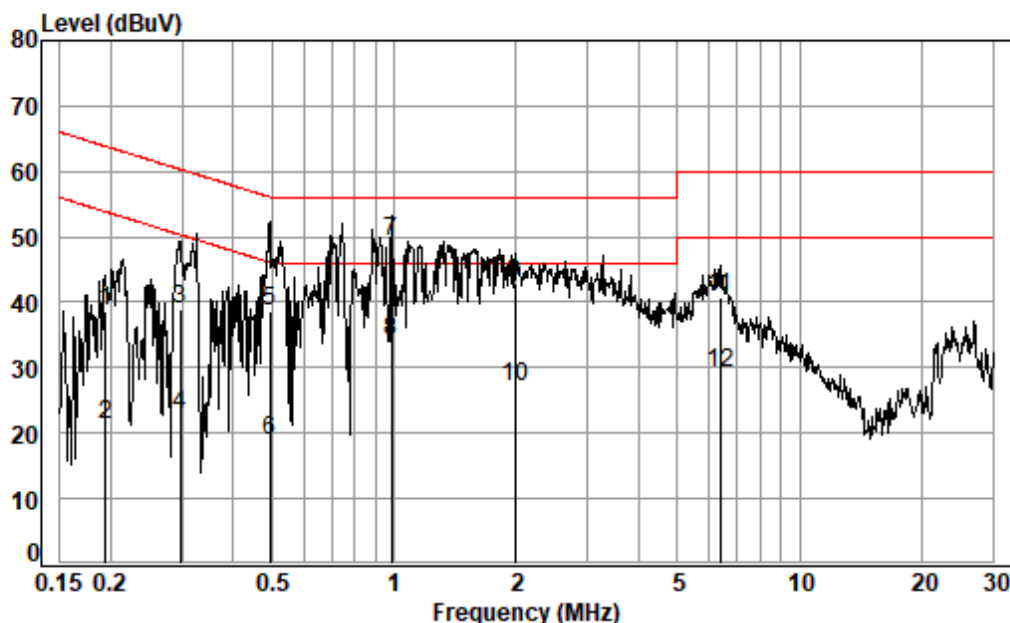
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Test Mode: 13; Line: Live line



Site : Shielding Room

Condition: Line

Job No. : 03558AT

Test mode: 13

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.194	0.02	10.28	28.25	38.55	63.84	-25.29	QP
2	0.194	0.02	10.28	10.85	21.15	53.84	-32.69	Average
3	0.297	0.03	10.31	28.62	38.96	60.32	-21.36	QP
4	0.297	0.03	10.31	12.52	22.86	50.32	-27.46	Average
5	0.494	0.04	10.35	28.15	38.54	56.10	-17.56	QP
6	0.494	0.04	10.35	8.42	18.81	46.10	-27.29	Average
7 *	0.984	0.06	10.37	38.70	49.13	56.00	-6.87	QP
8 *	0.984	0.06	10.37	23.73	34.16	46.00	-11.84	Average
9	1.991	0.07	10.38	32.55	43.00	56.00	-13.00	QP
10	1.991	0.07	10.38	16.72	27.17	46.00	-18.83	Average
11	6.386	0.11	11.08	29.60	40.79	60.00	-19.21	QP
12	6.386	0.11	11.08	18.00	29.19	50.00	-20.81	Average



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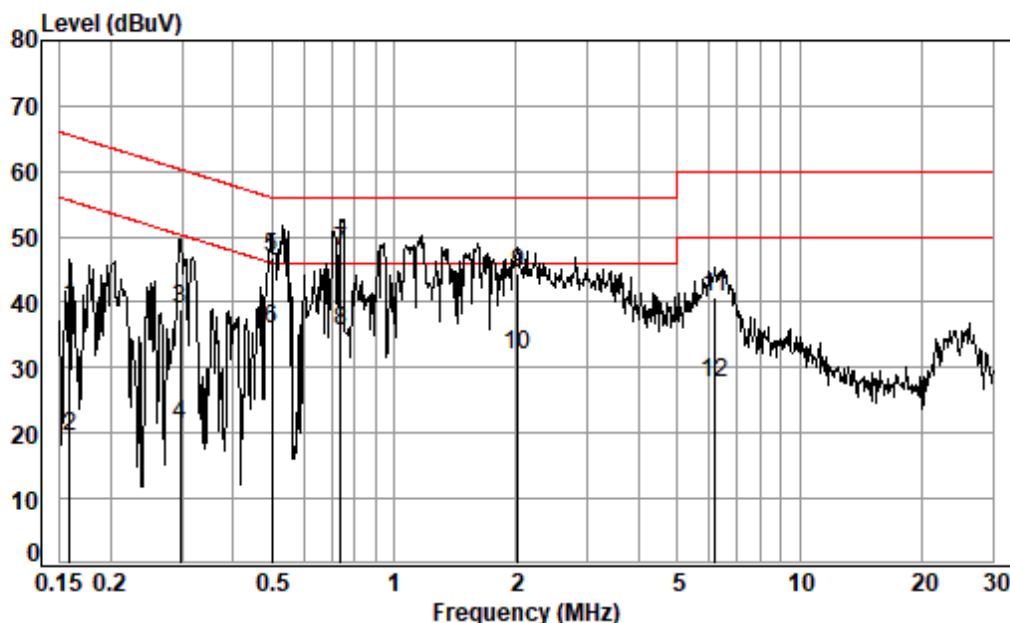
## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231100355803

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Test Mode: 13; Line: Neutral Line



Site : Shielding Room

Condition: Neutral

Job No. : 03558AT

Test mode: 13

	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.158	0.02	10.24	28.94	39.20	65.56	-26.36	QP
2	0.158	0.02	10.24	9.17	19.43	55.56	-36.13	Average
3	0.297	0.03	10.27	28.60	38.90	60.32	-21.42	QP
4	0.297	0.03	10.27	11.11	21.41	50.32	-28.91	Average
5	0.499	0.04	10.29	36.37	46.70	56.01	-9.31	QP
6 *	0.499	0.04	10.29	25.55	35.88	46.01	-10.13	Average
7 *	0.739	0.05	10.34	37.29	47.68	56.00	-8.32	QP
8	0.739	0.05	10.34	25.17	35.56	46.00	-10.44	Average
9	2.023	0.07	10.34	34.14	44.55	56.00	-11.45	QP
10	2.023	0.07	10.34	21.54	31.95	46.00	-14.05	Average
11	6.186	0.11	11.03	29.62	40.76	60.00	-19.24	QP
12	6.186	0.11	11.03	16.46	27.60	50.00	-22.40	Average



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## 7.2 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.

### 7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 21.6 °C

Humidity: 54.9 % RH

Atmospheric Pressure: 1000 mbar

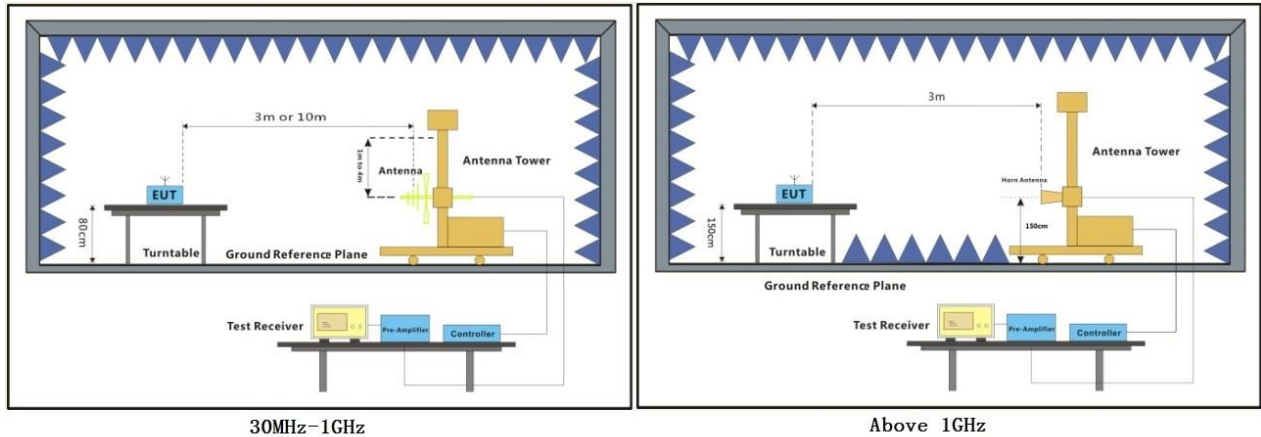
### 7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	10	TX mode(1Mbps)_Keep the EUT in continuously transmitting mode with GFSK modulation.
Final test	11	Charge + TX mode(1Mbps)_Keep the EUT in charging and continuously transmitting mode with GFSK modulation.
Pre-scan	12	TX mode(2Mbps)_Keep the EUT in continuously transmitting mode with GFSK modulation.
Final test	13	Charge + TX mode(2Mbps)_Keep the EUT in charging and continuously transmitting mode with GFSK modulation.





### 7.2.3 Test Setup Diagram



30MHz-1GHz

Above 1GHz

## 7.2.4 Measurement Procedure and Data

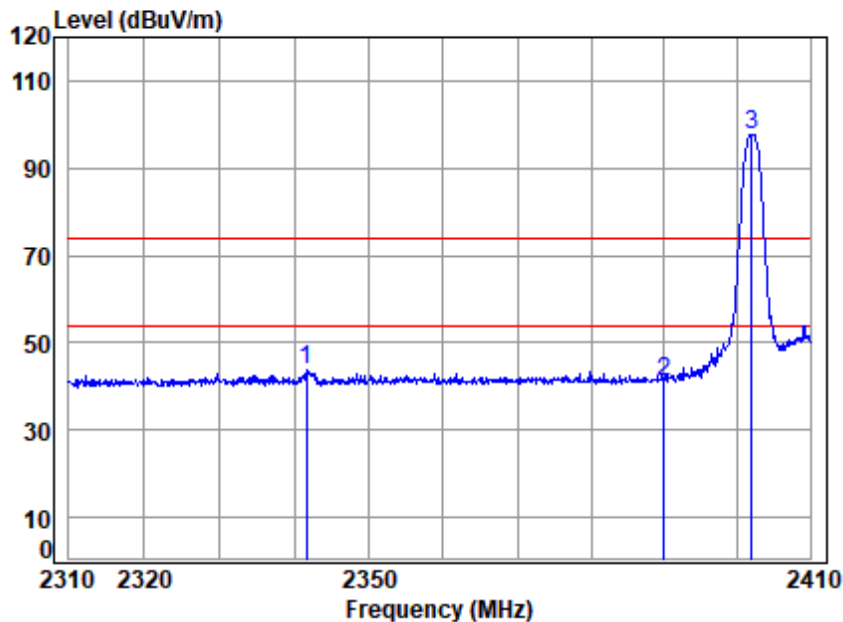
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 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.



Test Mode: 11; Polarity: Horizontal; Modulation:GFSK; Channel:Low

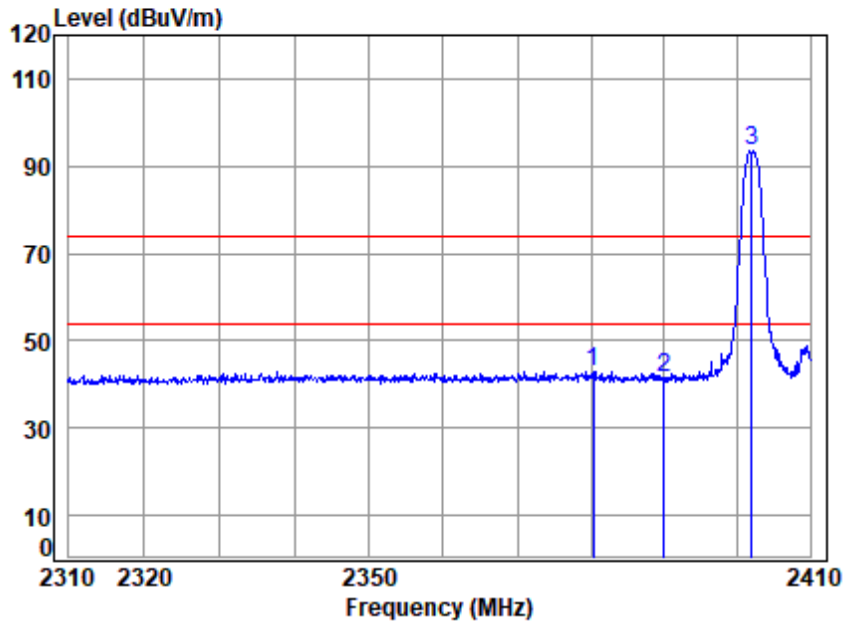


Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03558AT/03559AT  
Mode : 2402 Band edge  
Note : BLE 1M

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2341.540	5.03	28.98	37.55	47.40	43.86	74.00	-30.14	peak
2	2390.000	5.08	29.10	37.44	44.45	41.19	74.00	-32.81	peak
3 q	2402.000	5.09	29.09	37.41	100.84	97.61	74.00	23.61	peak



Test Mode: 11; Polarity: Vertical; Modulation:GFSK; Channel:Low



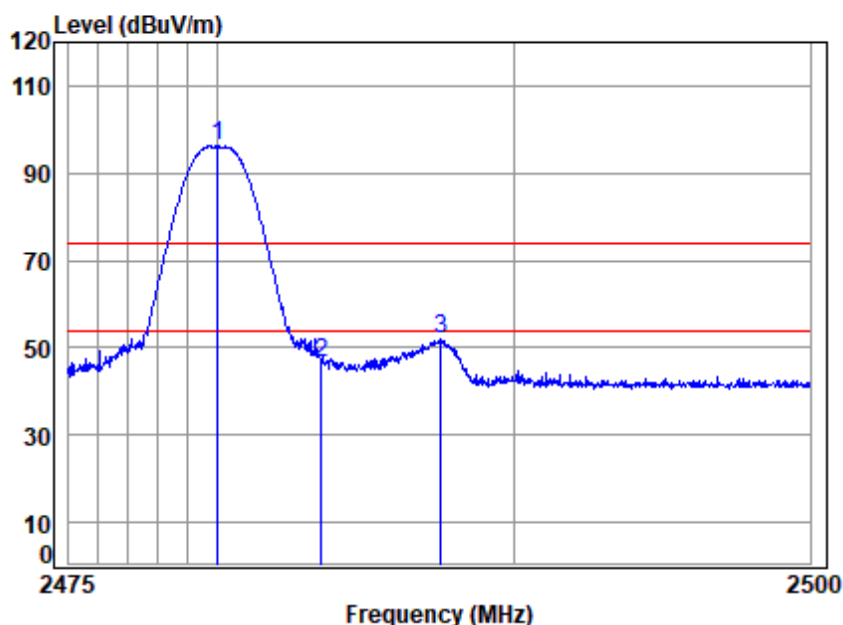
Site : chamber  
Condition: 3m VERTICAL  
Job No : 03558AT/03559AT  
Mode : 2402 Band edge  
Note : BLE 1M

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2380.260	5.07	29.10	37.46	46.29	43.00	74.00	-31.00	peak
2	2390.000	5.08	29.10	37.44	44.93	41.67	74.00	-32.33	peak
3 q	2402.000	5.09	29.09	37.41	96.58	93.35	74.00	19.35	peak





Test Mode: 11; Polarity: Horizontal; Modulation:GFSK; Channel:High

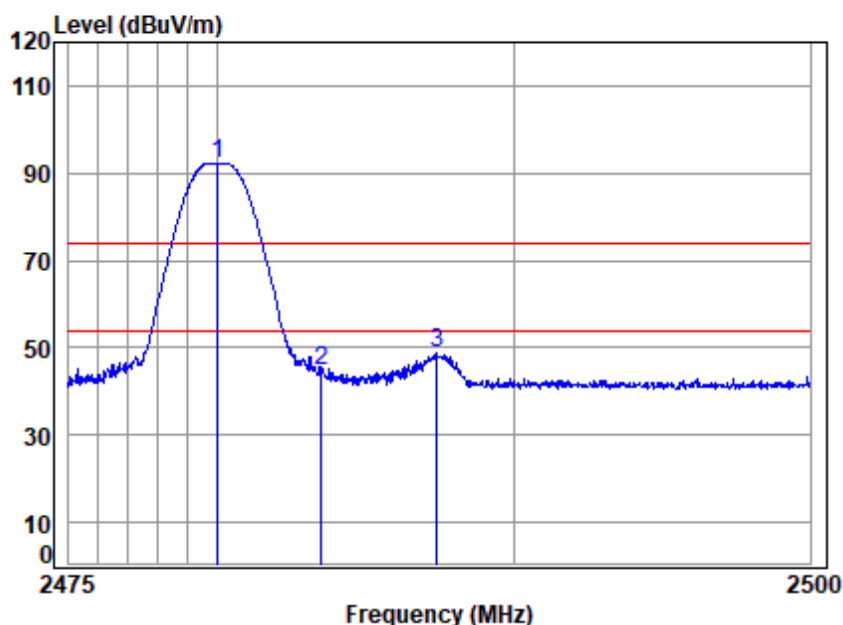


Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03558AT/03559AT  
Mode : 2480 Band edge  
Note : BLE 1M

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	2480.000	5.16	28.90	37.22	99.25	96.09	74.00	22.09 peak
2	2483.500	5.16	28.90	37.22	49.80	46.64	74.00	-27.36 peak
3	2487.519	5.16	28.90	37.21	55.35	52.20	74.00	-21.80 peak



Test Mode: 11; Polarity: Vertical; Modulation:GFSK; Channel:High

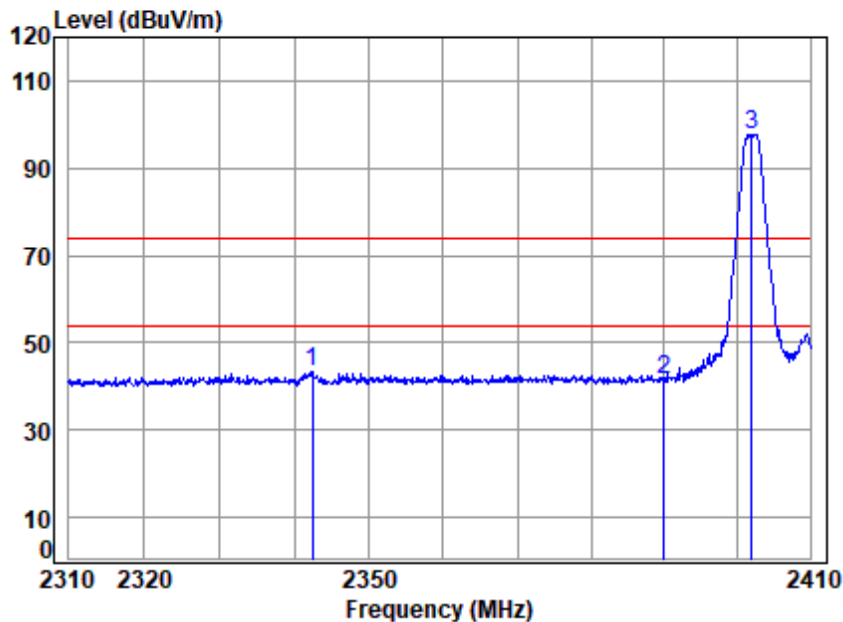


Site : chamber  
Condition: 3m VERTICAL  
Job No : 03558AT/03559AT  
Mode : 2480 Band edge  
Note : BLE 1M

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	2480.000	5.16	28.90	37.22	95.50	92.34	74.00	18.34 peak
2	2483.500	5.16	28.90	37.22	48.07	44.91	74.00	-29.09 peak
3	2487.394	5.16	28.90	37.21	51.89	48.74	74.00	-25.26 peak



Test Mode: 13; Polarity: Horizontal; Modulation:GFSK; Channel:Low

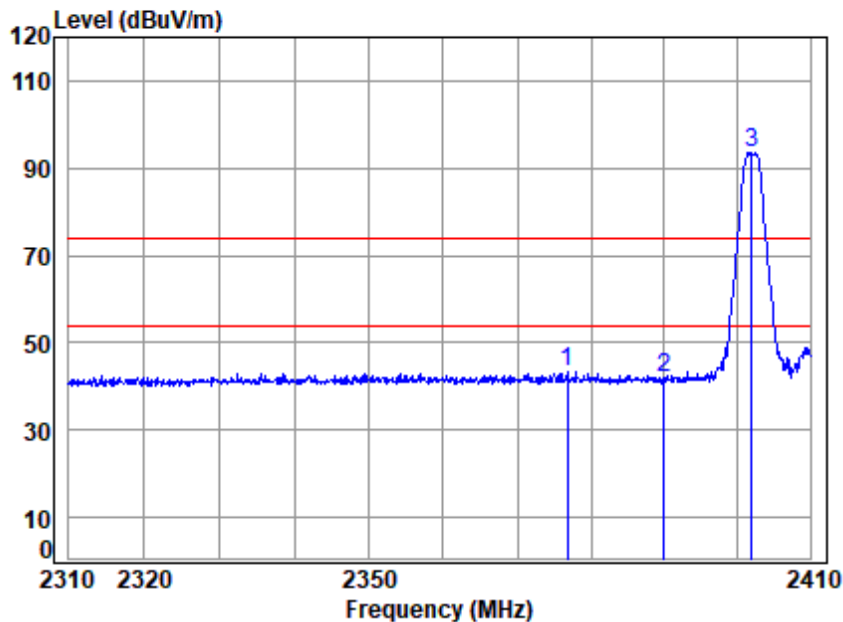


Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03558AT/03559AT  
Mode : 2402 Band edge  
Note : BLE 2M

		Cable	Ant	Preamp	Read		Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2342.433	5.03	28.99	37.55	47.01	43.48	74.00	-30.52	peak
2	2390.000	5.08	29.10	37.44	44.60	41.34	74.00	-32.66	peak
3 q	2402.000	5.09	29.09	37.41	100.90	97.67	74.00	23.67	peak



Test Mode: 13; Polarity: Vertical; Modulation:GFSK; Channel:Low



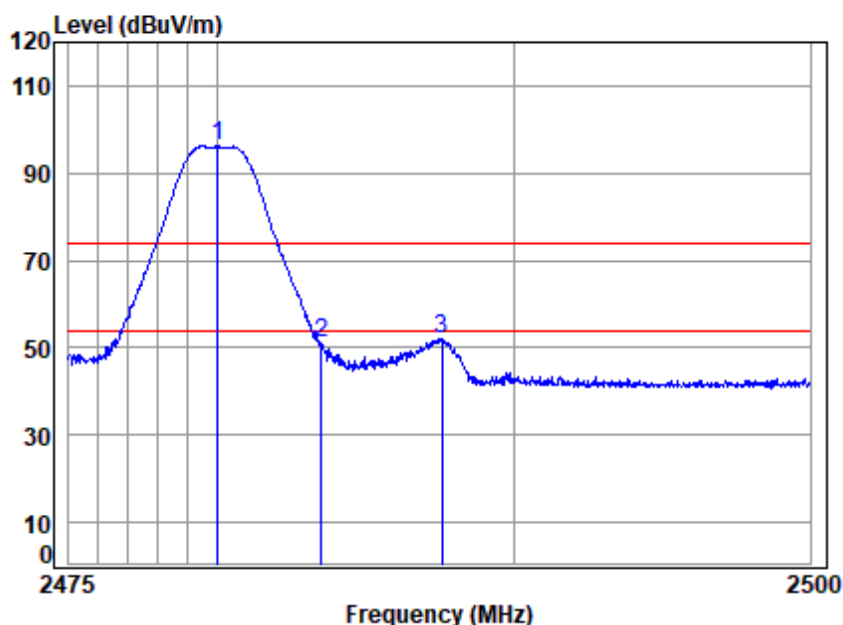
Site : chamber  
Condition: 3m VERTICAL  
Job No : 03558AT/03559AT  
Mode : 2402 Band edge  
Note : BLE 2M

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	2376.732	5.06	29.10	37.47	46.59	43.28	74.00	-30.72	peak
2	2390.000	5.08	29.10	37.44	45.27	42.01	74.00	-31.99	peak
3 q	2402.000	5.09	29.09	37.41	96.65	93.42	74.00	19.42	peak





Test Mode: 13; Polarity: Horizontal; Modulation:GFSK; Channel:High

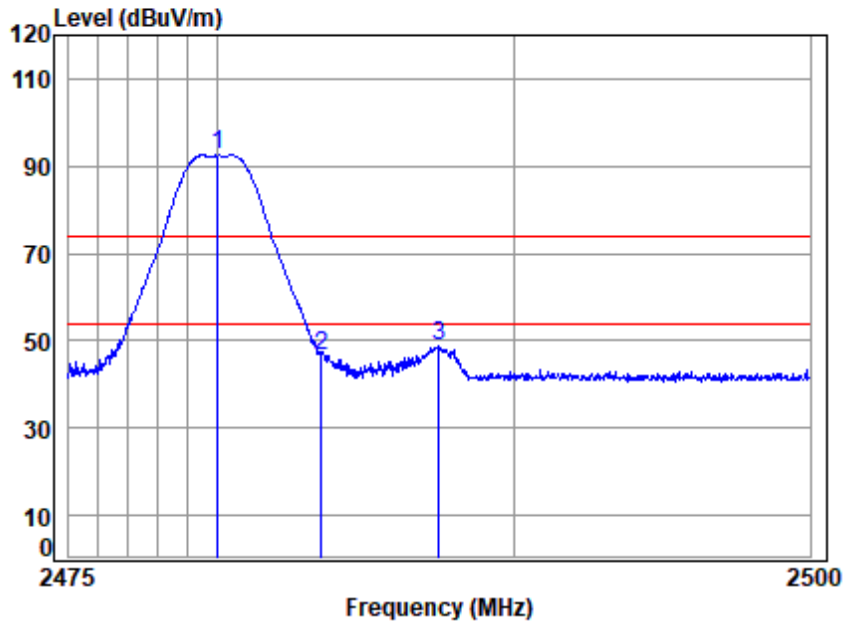


Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03558AT/03559AT  
Mode : 2480 Band edge  
Note : BLE 2M

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	2480.000	5.16	28.90	37.22	99.28	96.12	74.00	22.12 peak
2	2483.500	5.16	28.90	37.22	54.10	50.94	74.00	-23.06 peak
3	2487.544	5.16	28.90	37.21	55.20	52.05	74.00	-21.95 peak



Test Mode: 13; Polarity: Vertical; Modulation:GFSK; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 03558AT/03559AT  
Mode : 2480 Band edge  
Note : BLE 2M

		Cable	Ant	Preamp	Read	Limit	Over	
	Freq	Loss	Factor	Factor	Level	Level	Line	Limit Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 q	2480.000	5.16	28.90	37.22	95.68	92.52	74.00	18.52 Peak
2	2483.500	5.16	28.90	37.22	49.80	46.64	74.00	-27.36 Peak
3	2487.444	5.16	28.90	37.21	51.76	48.61	74.00	-25.39 Peak



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### 7.3 Radiated Spurious Emissions Below 1GHz

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 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

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

Operating Environment:

Temperature: 23.2 °C

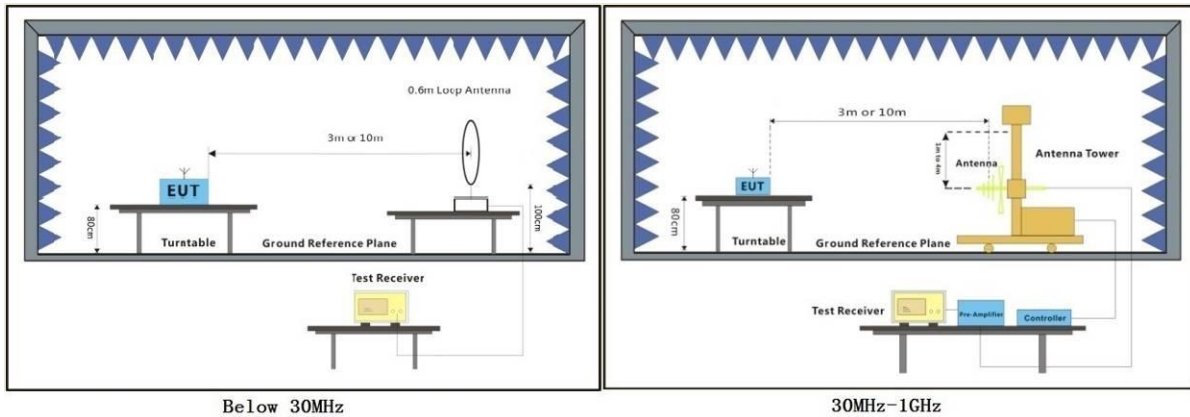
Humidity: 45.8 % RH

Atmospheric Pressure: 1000 mbar

#### 7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	10	TX mode(1Mbps)_Keep the EUT in continuously transmitting mode with GFSK modulation.
Final test	11	Charge + TX mode(1Mbps)_Keep the EUT in charging and continuously transmitting mode with GFSK modulation.
Pre-scan	12	TX mode(2Mbps)_Keep the EUT in continuously transmitting mode with GFSK modulation.
Pre-scan	13	Charge + TX mode(2Mbps)_Keep the EUT in charging and continuously transmitting mode with GFSK modulation.

### 7.3.3 Test Setup Diagram



Below 30MHz

30MHz-1GHz



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## 7.3.4 Measurement Procedure and Data

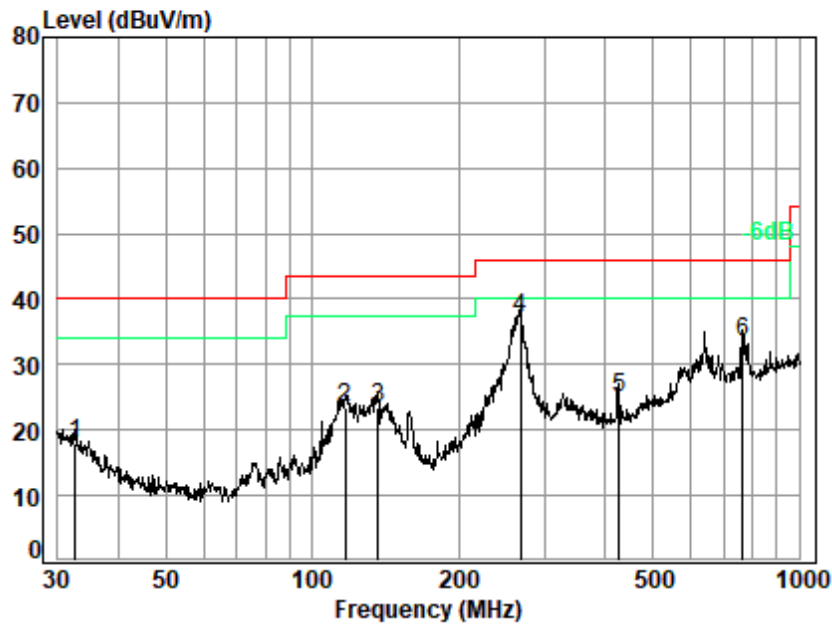
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 or 10 meters away from the interference-receiving antenna,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



Test Mode: 11; Polarity: Horizontal



Site : chamber  
Condition: 3m HORIZONTAL  
Job No. : 03558AT  
Test Mode: 11

	Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	32.520	20.05	0.67	27.80	25.18	18.10	40.00	-21.90 QP
2	116.950	11.26	1.28	27.55	38.36	23.35	43.50	-20.15 QP
3	136.460	11.51	1.39	27.48	37.99	23.41	43.50	-20.09 QP
4 q	267.546	17.07	2.03	27.01	45.04	37.13	46.00	-8.87 QP
5	426.521	20.78	2.64	27.46	29.12	25.08	46.00	-20.92 QP
6	766.057	26.54	3.72	27.72	30.80	33.34	46.00	-12.66 QP



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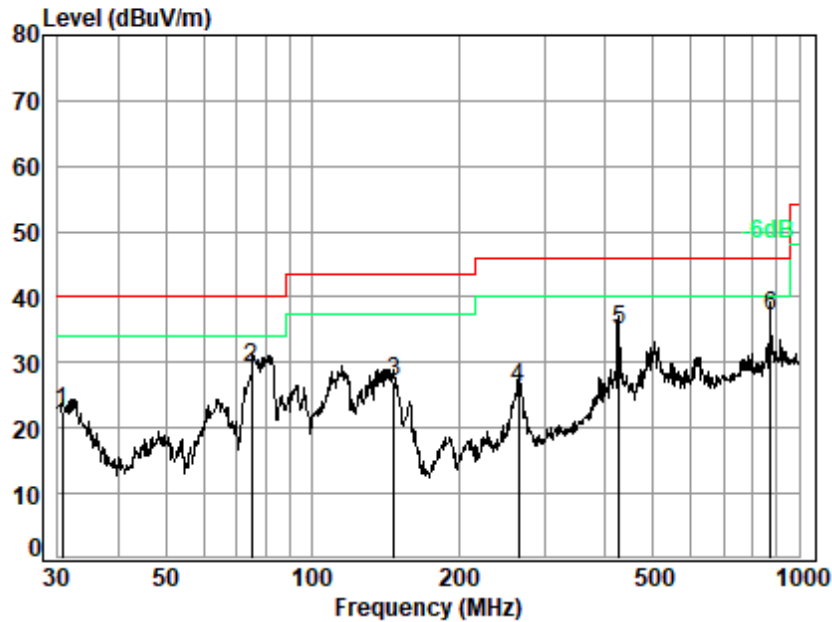
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Test Mode: 11; Polarity: Vertical



Site : chamber  
Condition: 3m VERTICAL  
Job No. : 03558AT  
Test Mode: 11

	Ant	Cable	Preamp	Read		Limit	Over	
	Freq	Factor	Loss	Factor	Level	Level	Line	Limit Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB
1	30.638	20.90	0.65	27.80	28.71	22.46	40.00	-17.54 QP
2	75.182	10.38	1.03	27.68	45.50	29.23	40.00	-10.77 QP
3	147.404	12.73	1.45	27.44	40.29	27.03	43.50	-16.47 QP
4	265.676	17.06	2.02	27.01	34.09	26.16	46.00	-19.84 QP
5	426.521	20.78	2.64	27.46	39.10	35.06	46.00	-10.94 QP
6 q	872.183	27.66	4.02	27.26	32.80	37.22	46.00	-8.78 QP



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### 7.4 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

#### 7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 21.6 °C

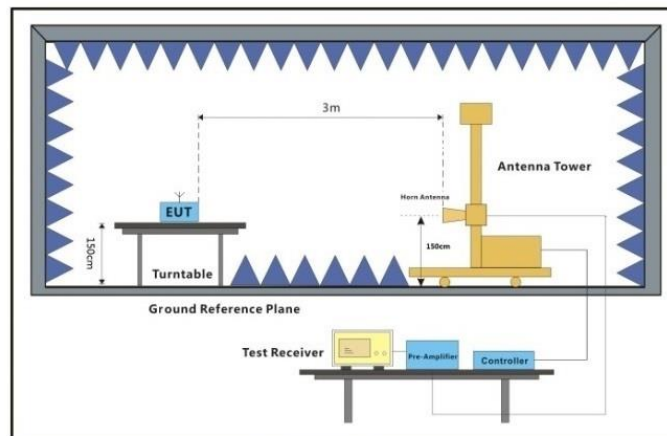
Humidity: 55.0 % RH

Atmospheric Pressure: 1000 mbar

#### 7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	10	TX mode(1Mbps)_Keep the EUT in continuously transmitting mode with GFSK modulation.
Final test	11	Charge + TX mode(1Mbps)_Keep the EUT in charging and continuously transmitting mode with GFSK modulation.
Pre-scan	12	TX mode(2Mbps)_Keep the EUT in continuously transmitting mode with GFSK modulation.
Final test	13	Charge + TX mode(2Mbps)_Keep the EUT in charging and continuously transmitting mode with GFSK modulation.

#### 7.4.3 Test Setup Diagram



Above 1GHz





## 7.4.4 Measurement Procedure and Data

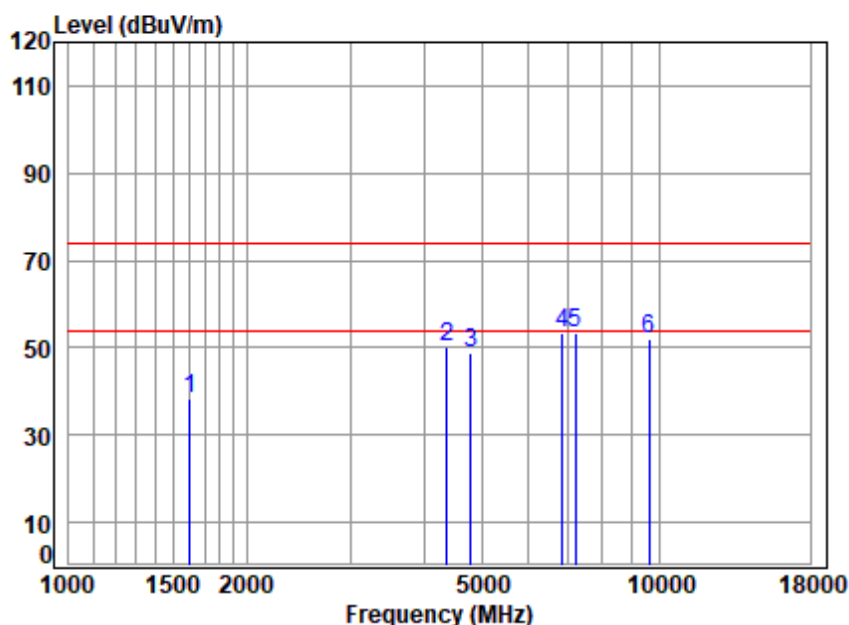
- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which 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.



Test Mode: 11; Polarity: Horizontal; Modulation:GFSK; Channel:Low

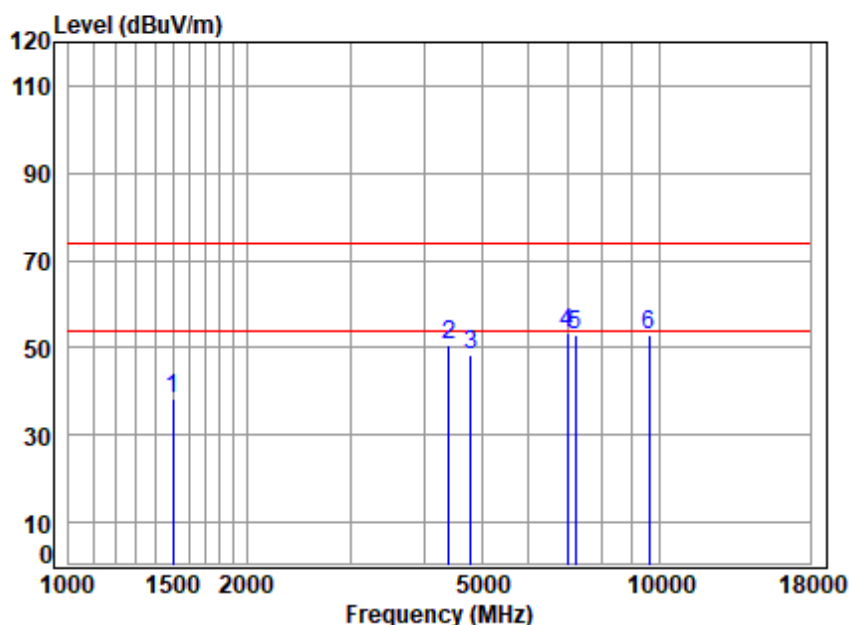


Site : chamber  
 Condition: 3m HORIZONTAL  
 Job No : 03558AT/03559AT  
 Mode : 2402 TX RSE  
 : BLE

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1601.804	4.20	26.78	38.40	45.54	38.12	74.00	-35.88	peak
2	4367.058	7.04	34.54	35.82	44.35	50.11	74.00	-23.89	peak
3	4804.000	7.31	34.32	35.52	42.57	48.68	74.00	-25.32	peak
4 q	6855.063	8.82	35.51	35.48	44.68	53.53	74.00	-20.47	peak
5	7206.000	9.18	35.70	35.79	44.16	53.25	74.00	-20.75	peak
6	9608.000	12.36	37.42	37.46	39.58	51.90	74.00	-22.10	peak



Test Mode: 11; Polarity: Vertical; Modulation:GFSK; Channel:Low

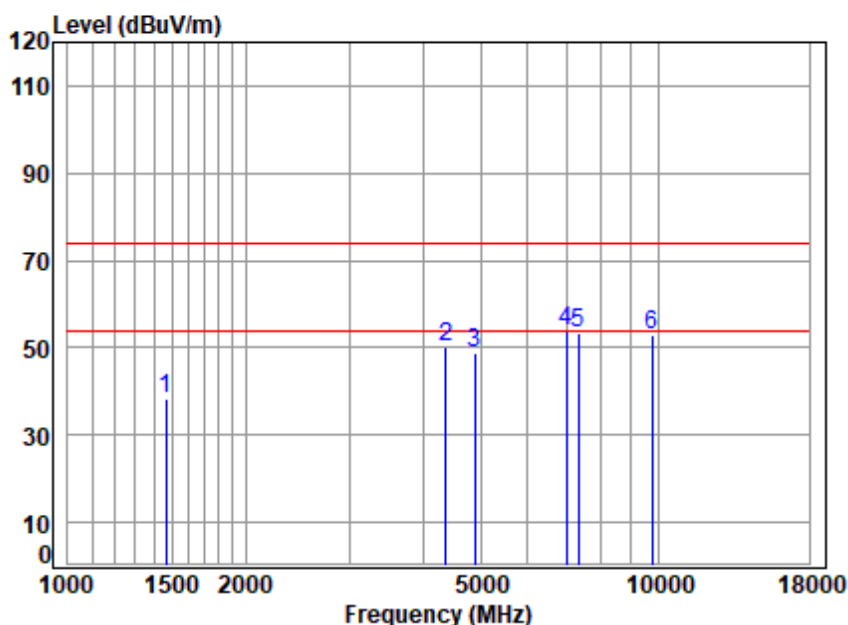


Site : chamber  
 Condition: 3m VERTICAL  
 Job No : 03558AT/03559AT  
 Mode : 2402 TX RSE  
 : BLE

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1498.781	4.06	26.77	38.39	46.03	38.47	74.00	-35.53	peak
2	4405.090	7.06	34.74	35.79	44.49	50.50	74.00	-23.50	peak
3	4804.000	7.31	34.32	35.52	42.43	48.54	74.00	-25.46	peak
4 q	6974.982	8.90	35.75	35.55	44.07	53.17	74.00	-20.83	peak
5	7206.000	9.18	35.70	35.79	43.92	53.01	74.00	-20.99	peak
6	9608.000	12.36	37.42	37.46	40.45	52.77	74.00	-21.23	peak



Test Mode: 11; Polarity: Horizontal; Modulation:GFSK; Channel:middle



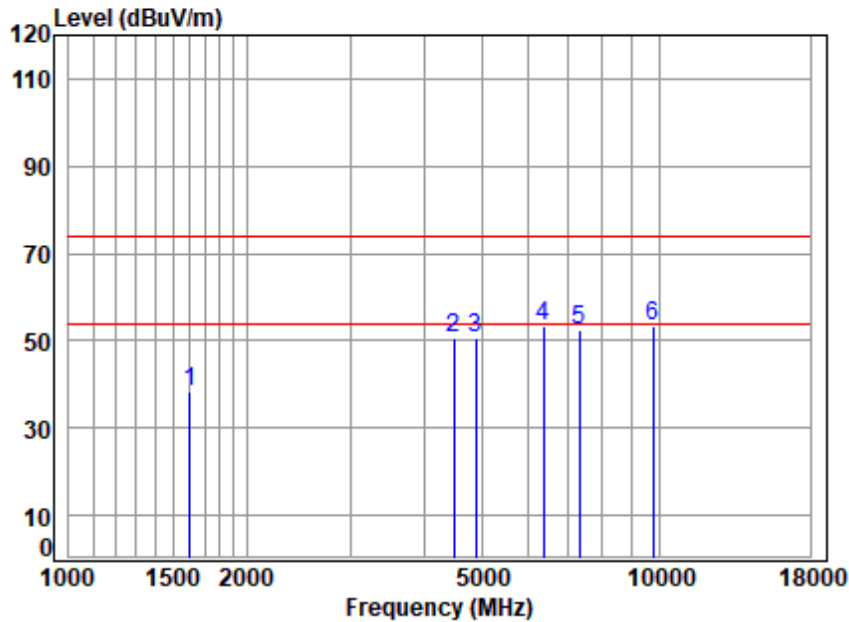
Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03558AT/03559AT  
Mode : 2440 TX RSE  
: BLE

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1468.761	4.02	25.93	38.38	46.56	38.13	74.00	-35.87	peak
2	4367.058	7.04	34.54	35.82	44.50	50.26	74.00	-23.74	peak
3	4880.000	7.36	34.62	35.47	42.51	49.02	74.00	-24.98	peak
4 q	6974.982	8.90	35.75	35.55	44.69	53.79	74.00	-20.21	peak
5	7320.000	9.32	35.70	35.90	44.10	53.22	74.00	-20.78	peak
6	9760.000	12.47	37.38	37.43	40.51	52.93	74.00	-21.07	peak





Test Mode: 11; Polarity: Vertical; Modulation:GFSK; Channel:middle

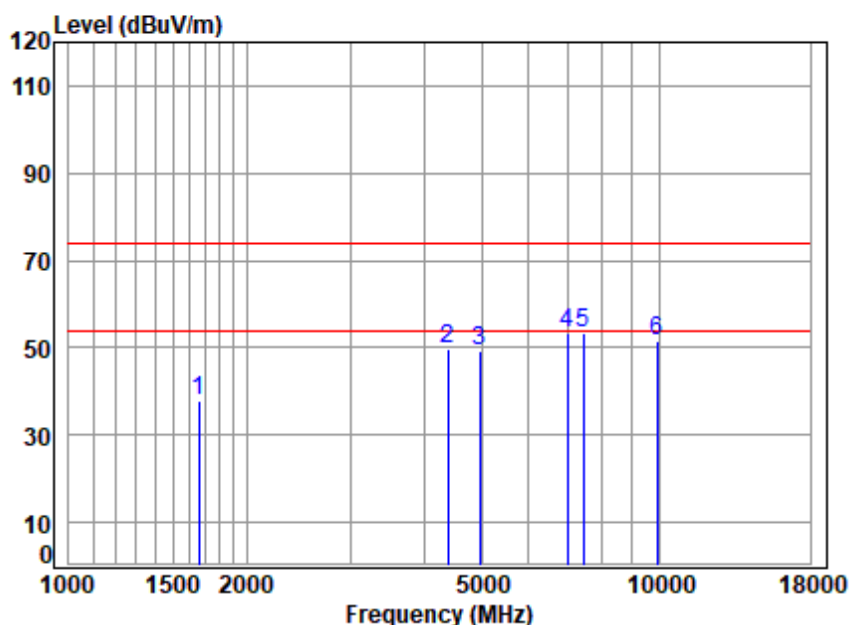


Site : chamber  
Condition: 3m VERTICAL  
Job No : 03558AT/03559AT  
Mode : 2440 TX RSE  
: BLE

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1606.441	4.21	26.74	38.40	45.76	38.31	74.00	-35.69	peak
2	4482.150	7.11	33.81	35.74	45.53	50.71	74.00	-23.29	peak
3	4880.000	7.36	34.62	35.47	43.92	50.43	74.00	-23.57	peak
4	6377.195	8.47	35.06	35.16	44.81	53.18	74.00	-20.82	peak
5	7320.000	9.32	35.70	35.90	43.31	52.43	74.00	-21.57	peak
6 q	9760.000	12.47	37.38	37.43	41.08	53.50	74.00	-20.50	peak



Test Mode: 11; Polarity: Horizontal; Modulation:GFSK; Channel:High



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03558AT/03559AT  
Mode : 2480 TX RSE  
: BLE

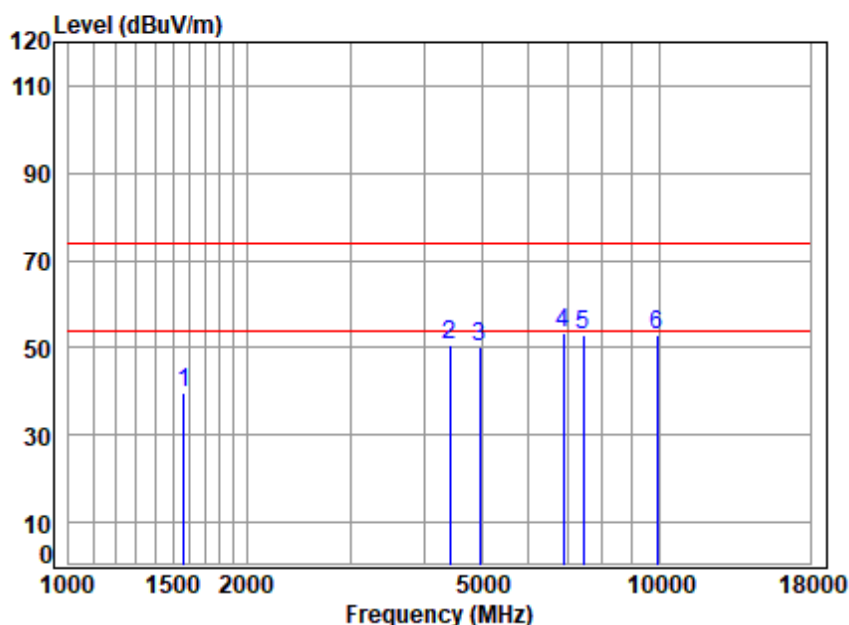
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1658.337	4.28	26.28	38.41	45.71	37.86	74.00	-36.14	peak
2	4392.376	7.05	34.74	35.80	43.69	49.68	74.00	-24.32	peak
3	4960.000	7.41	34.56	35.42	42.83	49.38	74.00	-24.62	peak
4	6974.982	8.90	35.75	35.55	44.32	53.42	74.00	-20.58	peak
5 q	7440.000	9.46	35.96	36.02	44.18	53.58	74.00	-20.42	peak
6	9920.000	12.58	37.30	37.39	39.25	51.74	74.00	-22.26	peak



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Test Mode: 11; Polarity: Vertical; Modulation:GFSK; Channel:High



Site : chamber  
 Condition: 3m VERTICAL  
 Job No : 03558AT/03559AT  
 Mode : 2480 TX RSE  
 : BLE

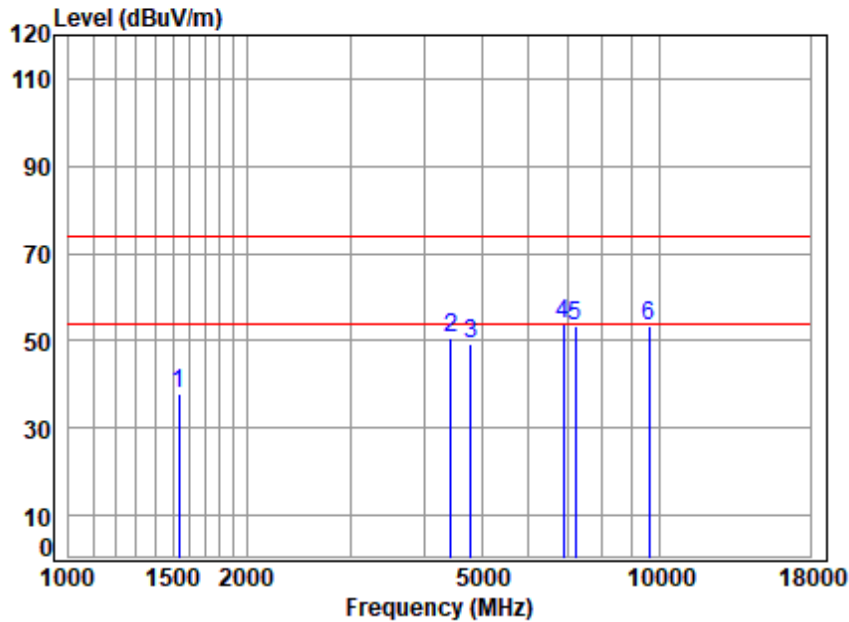
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1565.191	4.15	26.94	38.40	47.05	39.74	74.00	-34.26	peak
2	4417.841	7.07	34.59	35.78	44.89	50.77	74.00	-23.23	peak
3	4960.000	7.41	34.56	35.42	43.68	50.23	74.00	-23.77	peak
4 q	6874.906	8.83	35.55	35.49	44.46	53.35	74.00	-20.65	peak
5	7440.000	9.46	35.96	36.02	43.51	52.91	74.00	-21.09	peak
6	9920.000	12.58	37.30	37.39	40.51	53.00	74.00	-21.00	peak



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Test Mode: 13; Polarity: Horizontal; Modulation:GFSK; Channel:Low



Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03558AT/03559AT  
Mode : 2402 TX RSE  
: BLE

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1533.841	4.11	26.94	38.39	45.27	37.93	74.00	-36.07	peak
2	4430.628	7.08	34.43	35.77	45.01	50.75	74.00	-23.25	peak
3	4804.000	7.31	34.32	35.52	43.31	49.42	74.00	-24.58	peak
4 q	6874.906	8.83	35.55	35.49	44.75	53.64	74.00	-20.36	peak
5	7206.000	9.18	35.70	35.79	44.35	53.44	74.00	-20.56	peak
6	9608.000	12.36	37.42	37.46	41.10	53.42	74.00	-20.58	peak

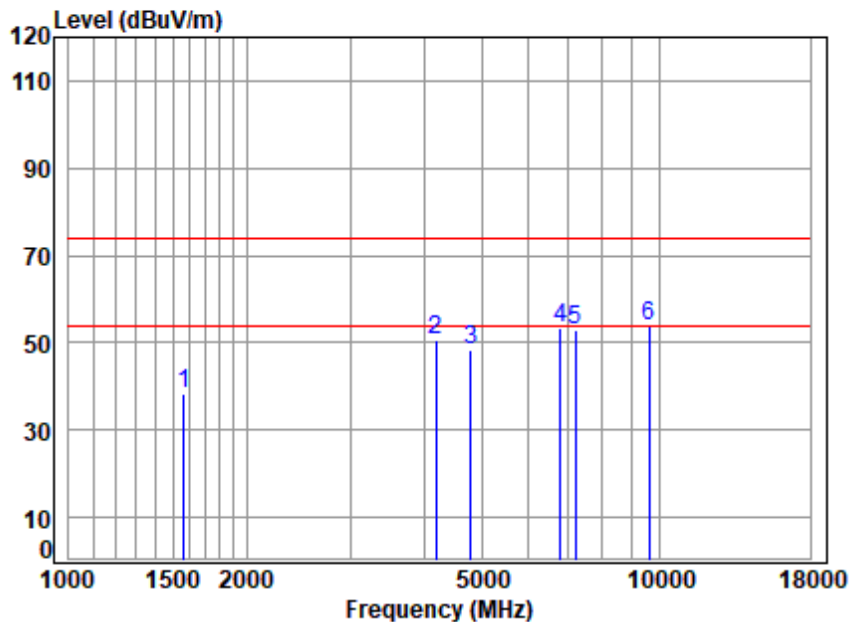


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Test Mode: 13; Polarity: Vertical; Modulation:GFSK; Channel:Low

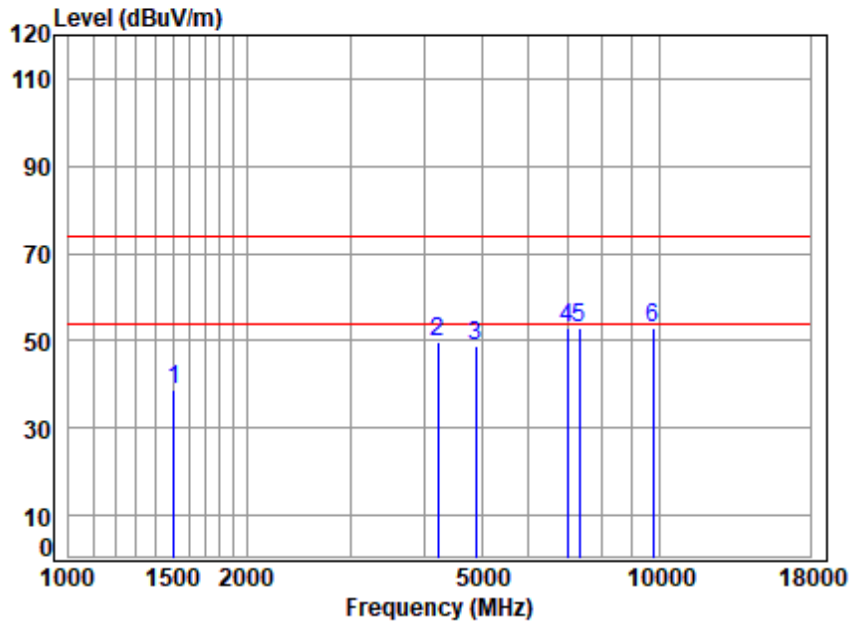


Site : chamber  
 Condition: 3m VERTICAL  
 Job No : 03558AT/03559AT  
 Mode : 2402 TX RSE  
 : BLE

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1565.191	4.15	26.94	38.40	45.46	38.15	74.00	-35.85	peak
2	4181.768	6.91	33.80	35.96	45.78	50.53	74.00	-23.47	peak
3	4804.000	7.31	34.32	35.52	42.12	48.23	74.00	-25.77	peak
4	6795.879	8.78	35.29	35.44	44.56	53.19	74.00	-20.81	peak
5	7206.000	9.18	35.70	35.79	43.80	52.89	74.00	-21.11	peak
6 q	9608.000	12.36	37.42	37.46	41.37	53.69	74.00	-20.31	peak



Test Mode: 13; Polarity: Horizontal; Modulation:GFSK; Channel:middle

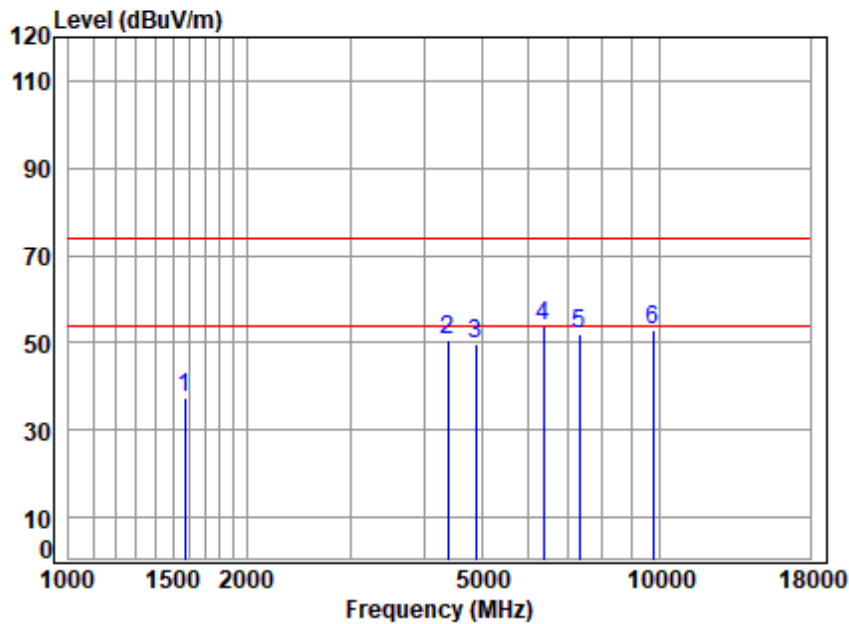


Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03558AT/03559AT  
Mode : 2440 TX RSE  
: BLE

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1507.470	4.07	26.83	38.39	46.28	38.79	74.00	-35.21	peak
2	4218.186	6.93	33.80	35.93	44.82	49.62	74.00	-24.38	peak
3	4880.000	7.36	34.62	35.47	42.23	48.74	74.00	-25.26	peak
4	6974.982	8.90	35.75	35.55	44.00	53.10	74.00	-20.90	peak
5 q	7320.000	9.32	35.70	35.90	44.02	53.14	74.00	-20.86	peak
6	9760.000	12.47	37.38	37.43	40.57	52.99	74.00	-21.01	peak



Test Mode: 13; Polarity: Vertical; Modulation:GFSK; Channel:middle

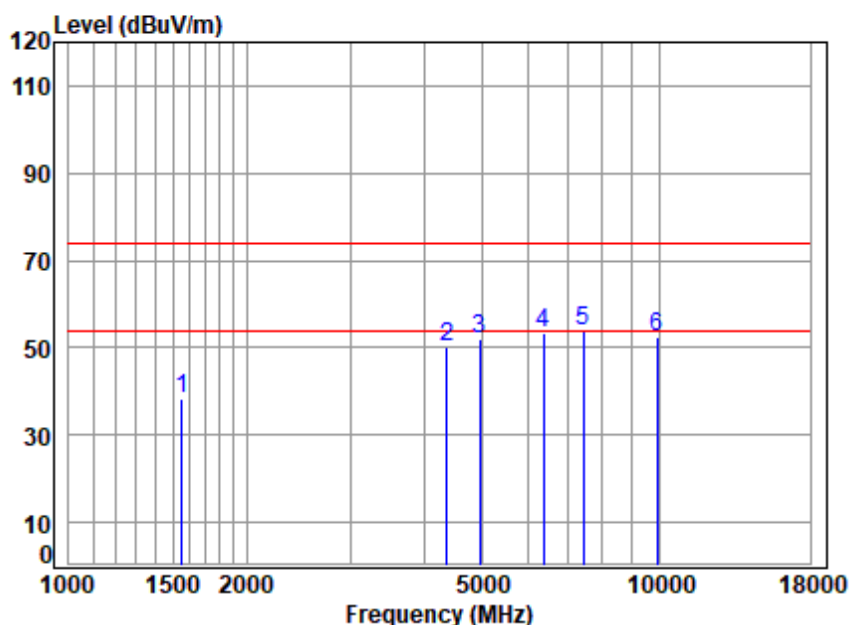


Site : chamber  
Condition: 3m VERTICAL  
Job No : 03558AT/03559AT  
Mode : 2440 TX RSE  
: BLE

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1574.265	4.17	26.90	38.40	44.94	37.61	74.00	-36.39	peak
2	4379.699	7.04	34.64	35.81	44.65	50.52	74.00	-23.48	peak
3	4880.000	7.36	34.62	35.47	43.25	49.76	74.00	-24.24	peak
4 q	6358.789	8.45	34.95	35.15	45.62	53.87	74.00	-20.13	peak
5	7320.000	9.32	35.70	35.90	43.03	52.15	74.00	-21.85	peak
6	9760.000	12.47	37.38	37.43	40.70	53.12	74.00	-20.88	peak



Test Mode: 13; Polarity: Horizontal; Modulation:GFSK; Channel:High



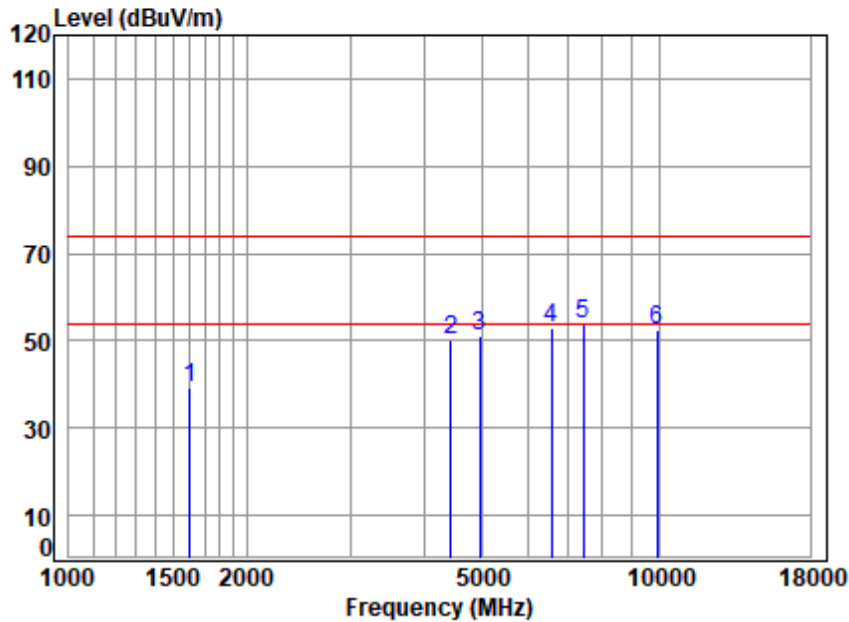
Site : chamber  
Condition: 3m HORIZONTAL  
Job No : 03558AT/03559AT  
Mode : 2480 TX RSE  
: BLE

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1551.677	4.13	26.99	38.40	45.46	38.18	74.00	-35.82	peak
2	4367.058	7.04	34.54	35.82	44.39	50.15	74.00	-23.85	peak
3	4960.000	7.41	34.56	35.42	45.49	52.04	74.00	-21.96	peak
4	6377.195	8.47	35.06	35.16	45.16	53.53	74.00	-20.47	peak
5 q	7440.000	9.46	35.96	36.02	44.45	53.85	74.00	-20.15	peak
6	9920.000	12.58	37.30	37.39	40.03	52.52	74.00	-21.48	peak





Test Mode: 13; Polarity: Vertical; Modulation:GFSK; Channel:High



Site : chamber  
Condition: 3m VERTICAL  
Job No : 03558AT/03559AT  
Mode : 2480 TX RSE  
: BLE

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1601.804	4.20	26.78	38.40	46.65	39.23	74.00	-34.77	peak
2	4430.628	7.08	34.43	35.77	44.64	50.38	74.00	-23.62	peak
3	4960.000	7.41	34.56	35.42	44.58	51.13	74.00	-22.87	peak
4	6564.209	8.61	35.44	35.29	44.33	53.09	74.00	-20.91	peak
5 q	7440.000	9.46	35.96	36.02	44.23	53.63	74.00	-20.37	peak
6	9920.000	12.58	37.30	37.39	40.10	52.59	74.00	-21.41	peak



## 8 Test Setup Photo

Refer to Setup Photos for SZCR2311003558AT

## 9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SZCR2311003558AT

- End of the Report -

