

TEST REPORT

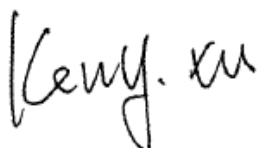
Application No.: SZCR2602000670AT
Applicant: Ribbiot, Inc
Address of Applicant: 17491 Oakbluffs Ln, Huntington Beach, California, 92649 United States
Manufacturer: Ribbiot, Inc
Address of Manufacturer: 17491 Oakbluffs Ln, Huntington Beach, California, 92649 United States
Factory: Chongqing Metaline Plastic Co., Limited
Address of Factory: NO.91&104, Rongsheng Road, Changzhou Street, Rongchang District, Chongqing City

Equipment Under Test (EUT):

EUT Name: Pod
Model No.: Pod 3
Trade Mark:  Ribbiot
FCC ID: 2BVHY-RBTPOD3
Standard(s) : 47 CFR Part 15 Subpart F
Date of Receipt: 2026-02-12
Date of Test: 2026-02-28 to 2026-07-24
Date of Issue: 2026-07-27

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


 Keny Xu
 EMC Laboratory Manager



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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2026-07-27		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 F	N/A	47 CFR Part 15F Section 15.519(a2), 15.521(b), 15.203	Pass

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
UWB Bandwidth	47 CFR Part 15 Subpart F	ANSI C63.10:2020 section 10.1	47 CFR Part 15F Section 15.503(a) (d), 15.519(b)	Pass
Dwell Time		ANSI C63.10:2020 section 7.8.4	47 CFR Part 15F Section 15.519(a)(1), KDB 393764 D01 UWB FAQ v02r01	Pass
EIRP		ANSI C63.10: 2020 section 10.3	47 CFR Part 15, Subpart F Section 15.519 (c)(e)	Pass
Spurious Emissions Below 1GHz		ANSI C63.10: 2020 section 10.2	47 CFR Part 15, Subpart F Section 15.519 (c)(d),15.209	Pass
Spurious Emissions Above 1GHz		ANSI C63.10: 2020 section 10.3	47 CFR Part 15, Subpart F Section 15.519 (c)(d),15.209	Pass



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4 General Information

4.1 Details of E.U.T.

Power supply:	3V CR2477X Lithium battery
Frequency Range:	Channel 5: 6489.6MHz; Channel 9: 7987.2MHz
Modulation Type:	BPM
Number of Channels:	2
Sample Type:	Outdoor use
Antenna Type:	Integrated PCB Antenna
Antenna Gain:	0.5dBi

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.

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
RF Cable	SGS	N/A(cable loss:1.2dB)	N/A

4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
UWB Bandwidth	$\pm 3\%$
Dwell Time	$\pm 0.37\%$
EIRP	$\pm 4.8\text{dB}$
Spurious Emissions Below 1GHz	$\pm 6.0\text{dB}$ for 3m; $\pm 5.0\text{dB}$ for 10M
Spurious Emissions Above 1GHz	$\pm 4.6\text{dB}(1-18\text{GHz})$; $\pm 4.8\text{dB}(18-40\text{GHz})$

Remark:

The U_{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.
- the measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.



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4.4 Test Location

All tests were performed at:

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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

UWB Bandwidth					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2025-07-24	2026-07-23
				2026-07-22	2027-07-21
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2026-02-03	2027-02-02
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2025-07-05	2026-07-04
				2026-07-03	2027-07-02
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2026-02-02	2027-02-01

Dwell Time					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
DC Power Supply	Chroma	62012P-80-60	SEM011-11	2025-07-24	2026-07-23
				2026-07-22	2027-07-21
MXA Signal Analyzer	KEYSIGHT	N9020A	SEM004-19	2026-02-03	2027-02-02
Measurement Software	TST PASS	TST PASS V2.0	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM031-01	2025-07-05	2026-07-04
				2026-07-03	2027-07-02
Attenuator	Huber+Suhner	6620_SMA-50-1	SEM021-09	2026-02-02	2027-02-01

EIRP					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
3m Fully-Anechoic Chamber	AUDIX	N/A	SEM001-02	2025-05-07	2028-05-06
Signal Analyzer	Rohde & Schwarz	FSV40	SEM008-04	2026/4/4	2027/4/3
Horn Antenna	Rohde&Schwarz	HF907	SEM003-07	2025-07-22	2026-07-21
				2026-07-20	2027-07-19
Microwave system amplifier	Agilent	83017A	SEM005-25	2025-09-10	2026-09-09
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2025-07-05	2026-07-04
				2026-07-03	2027-07-02



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Radiated Spurious Emissions below 30 MHz					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
10m Semi-Anechoic Chamber	SAEMC	FSAC1018	SEM001-03	2026-03-21	2027-03-20
MXE EMI receiver	KEYSIGHT	N9038A	SEM004-16	2025-07-25	2026-07-24
Trilog-Broadband Antenna	Schwarzbeck	VULB9168	SEM003-18	2025-08-29	2027-08-28
Pre-amplifier	Sonoma Instrument Co	310N	SEM005-04	2026-02-02	2027-02-01
Loop Antenna	ETS-Lindgren	6502	SEM003-08	2025-11-17	2027-11-16
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM029-01	2025-07-05	2026-07-04
				2026-07-03	2027-07-02

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	2023-06-19	2026-06-18
				2026/3/29	2029/3/28
MXE EMI Receiver	Agilent Technologies	N9038A	SEM004-15	2025-07-25	2026-07-24
BiConiLog Antenna	ETS-LINDGREN	3142C	SEM003-01	2025-08-29	2027-08-28
Pre-Amplifier	Agilent Technologies	8447D	SEM005-01	2026-02-02	2027-02-01
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM025-01	2025-07-05	2026-07-04
				2026-07-03	2027-07-02



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Spurious Emissions Above 1GHz					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Low Noise Amplifier 1G-18GHz	Tonscend	TAP01018050	SZ-WRG-M-051	2025-12-16	2026-12-15
Low Noise Amplifier 18G-40GHz	Tonscend	TAP18040048	SZ-WRG-M-052	2025-12-16	2026-12-15
Signal & Spectrum	Rohde & Schwarz	FSV	SZ-WRG-M-048	2025-12-16	2026-12-15
Double-ridged waveguide horn(1-18GHz)	ETS-LINDGREN	3117	SEM003-11	2025-09-13	2027-09-12
Double Ridge Horn Antenna 1GHz-18GHz	SCHWARZBECK	BBHA 9120 D	SZ-WRG-M-055	2025-12-13	2026-12-12
SHF-EHF Horn 15GHz-40GHz	SCHWARZBECK	BBHA 9170	SZ-WRG-M-056	2025-12-13	2026-12-12
RE Test Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Chamber	CRTSGSSAC966	N/A	SZ-WRG-C-063	2025-01-06	2028-01-05
Coaxial Cable	SGS	N/A	SEM039-01	2025-07-05	2026-07-04
				2026-07-03	2027-07-02

General used equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	deli	8838	SEM002-32	2025-07-23	2026-07-22
				2026-07-21	2027-07-20
Humidity/ Temperature Indicator	deli	8838	SEM002-33	2025-07-23	2026-07-22
				2026-07-21	2027-07-20
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2026-02-14	2027-02-13



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6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15F Section 15.519(a2), 15.521(b), 15.203

6.1.2 Conclusion

§ 15.203

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.

§15.519(a2)

The use of antennas mounted on outdoor structures, e.g., antennas mounted on the outside of a building or on a telephone pole, or any fixed outdoors infrastructure is prohibited. Antennas may be mounted only on the hand held UWB device.

15.521(a) UWB devices may not be employed for the operation of toys. Operation onboard an aircraft, a ship or a satellite is prohibited.

15.521(b)

Manufacturers and users are reminded of the provisions of § 15.203.

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 0.5dBi

Antenna location: Refer to internal photos.



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7 Radio Spectrum Matter Test Results

7.1 UWB Bandwidth

Test Requirement 47 CFR Part 15F Section 15.503(a)

Test Method: ANSI C63.10:2020 section 10.1

Test Engineer: Mingli Hu

Limit: $\geq 500\text{MHz}$

The UWB bandwidth of a device operating under the provisions of this section must be contained between 3100 MHz and 10,600 MHz

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 20.9 °C

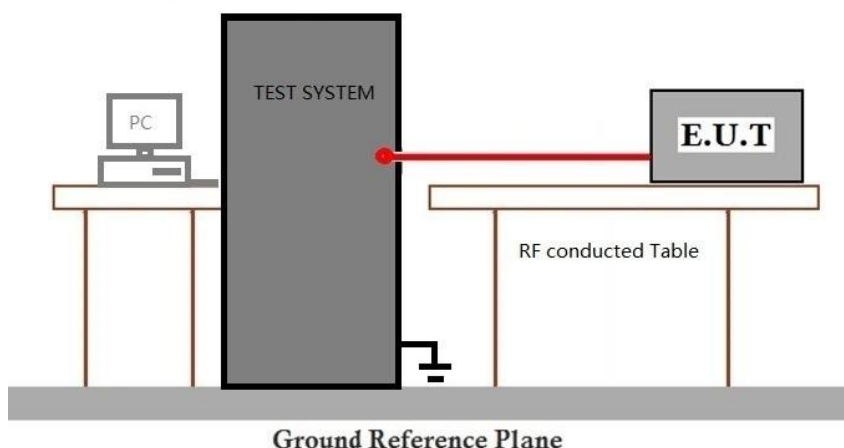
Humidity: 52.5 % RH

Atmospheric Pressure: 1020 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	Continuous Tx Mode: Keep the EUT Transmitting with Modulation.

7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

The frequency at which the maximum power level is measured with the peak detector is designated f_M . The peak power measurements shall be made using a spectrum analyzer or EMI receiver with a 1 MHz resolution bandwidth and a video bandwidth of 1 MHz or greater. The instrument shall be set to peak detection using the maximum-hold trace mode. The outermost 1 MHz segments above and below f_M , where the peak power falls by 10 dB relative to the level at f_M , are designated as f_H and f_L , respectively:

- a) For the lowest frequency bound f_L , the emission is searched from a frequency lower than f_M that has, by inspection, a peak power much lower than 10 dB less than the power at f_M and increased toward f_M until the peak power indicates 10 dB less than the power at f_M . The frequency of that segment is recorded.
- b) This process is repeated for the highest frequency bound f_H , beginning at a frequency higher than f_M that has, by inspection, a peak power much lower than 10 dB below the power at f_M . The frequency of that segment is recorded.
- c) The two recorded frequencies represent the highest f_H and lowest f_L bounds of the UWB transmission, and the ± 10 dB bandwidth ($B - 10$) is defined as $(f_H - f_L)$. The center frequency (f_c) is mathematically determined from $(f_H - f_L) / 2$.
- d) The fractional bandwidth is defined as $2(f_H - f_L) / (f_H + f_L)$.
- e) Determine whether the -10 dB bandwidth $(f_H - f_L)$ is ≥ 500 MHz, or whether the fractional bandwidth $2(f_H - f_L) / (f_H + f_L)$ is ≥ 0.2 .



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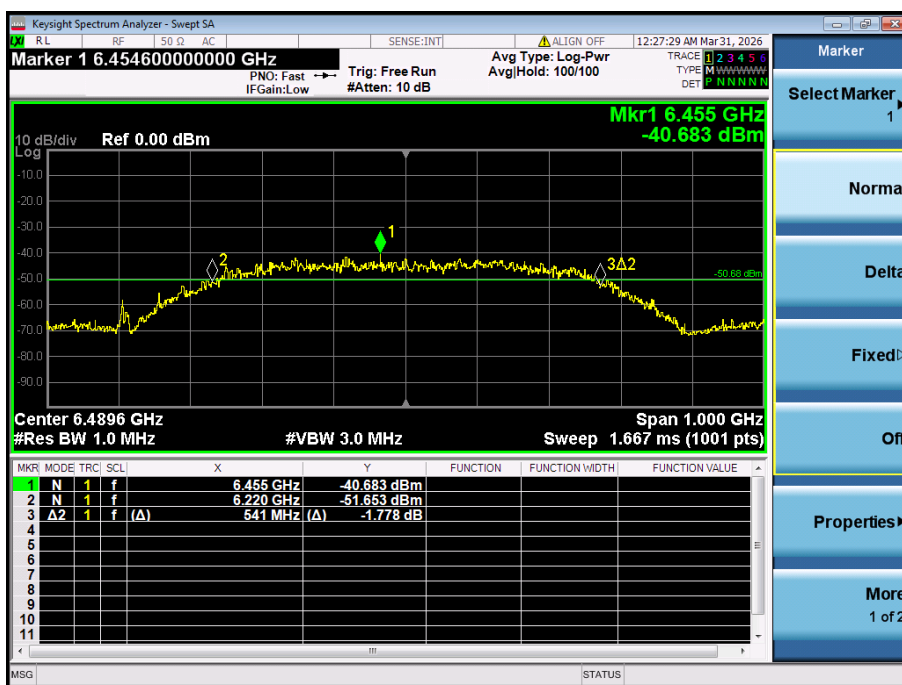
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Measurement Data

Channel(GHz)	F _M (GHz)	F _L (GHz)	F _H (GHz)	-10dBc Bandwidth(MHz)	Limit(MHz)
6.4896	6.455	6.220	6.761	541	≥500



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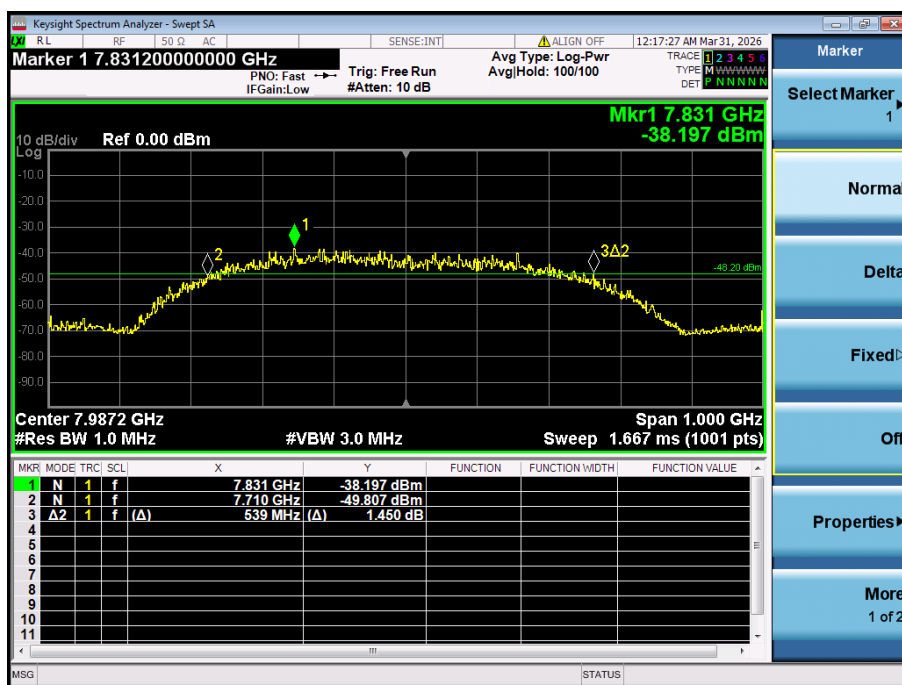
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Measurement Data

Channel(GHz)	F _M (GHz)	F _L (GHz)	F _H (GHz)	-10dBc Bandwidth(MHz)	Limit(MHz)
7.9872	7.831	7.710	8.249	539	≥500



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7.2 Dwell Time

Test Requirement	47 CFR Part 15F Section 15.519(a)(1), KDB 393764 D01 UWB FAQ v02r01
Test Method:	ANSI C63.10:2020 section 7.8.4
Test Engineer:	Mingli Hu
Limit:	The UWB intentional radiator shall cease transmission within 10 seconds unless it receives an acknowledgement from the associated receiver that its transmission is being received, other than periodic signals

7.2.1 E.U.T. Operation

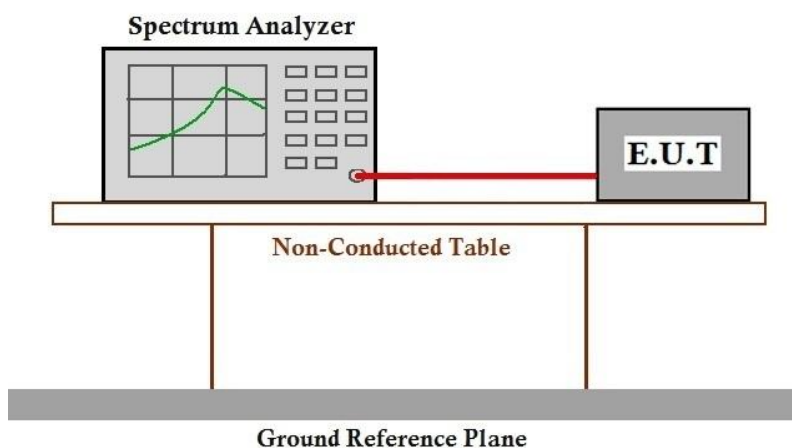
Operating Environment:

Temperature: 23.4 °C Humidity: 50.5 % RH Atmospheric Pressure: 1015 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	Continuous Tx Mode: Keep the EUT Transmitting with Modulation.

7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

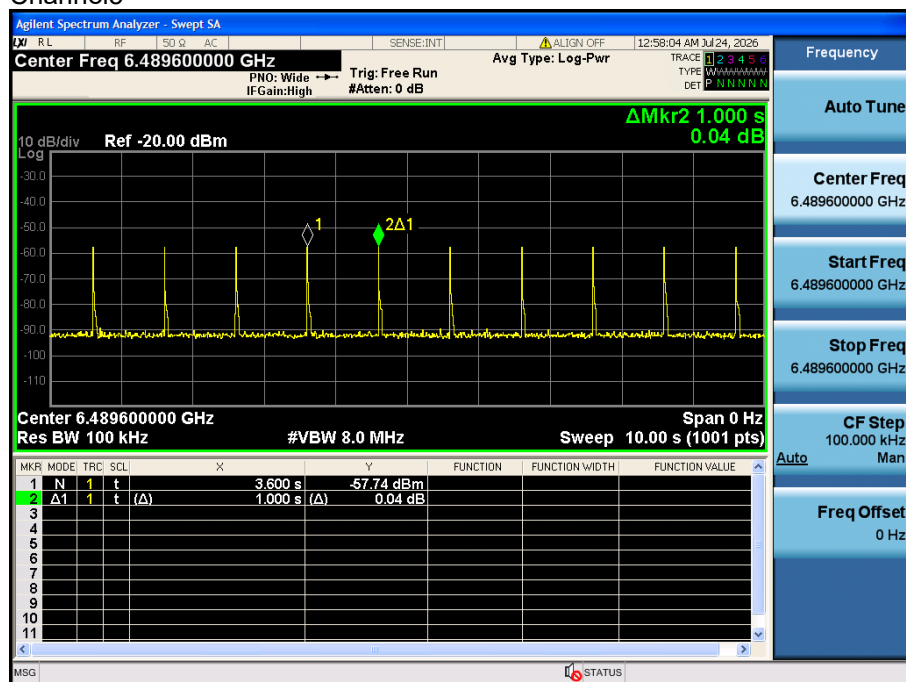


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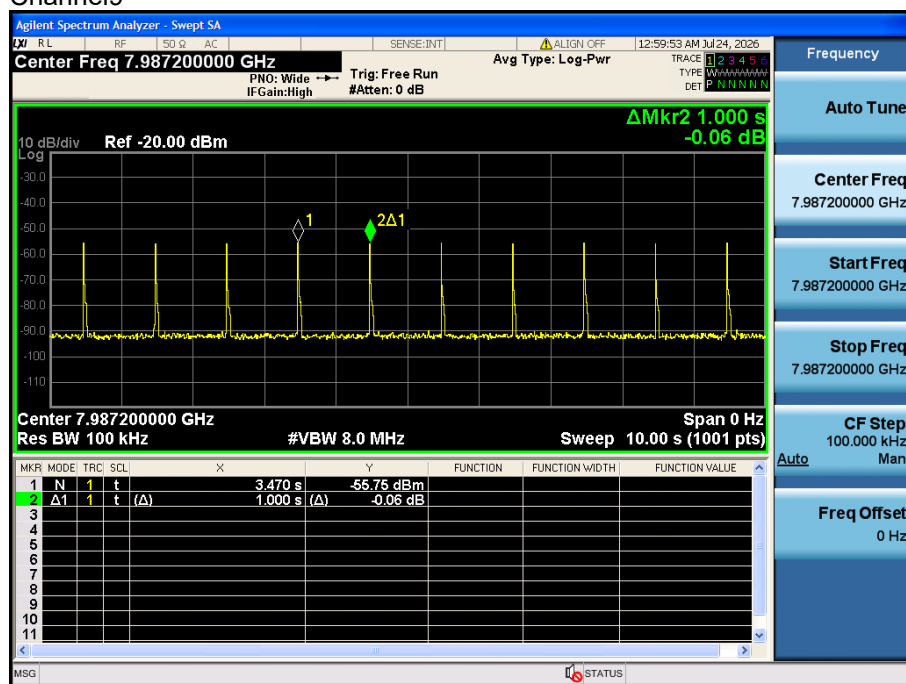
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Channel5



The periodic signals used for the establishment communication link in every 1s.

Channel9



The periodic signals used for the establishment communication link in every 1s.



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7.3 EIRP

Test Requirement 47 CFR Part 15, Subpart F Section 15.519 (c)(e)
 Test Method: ANSI C63.10: 2020 section 10.3
 Measurement Distance: 3m
 Test Engineer: Xing Guo
 Limit:

Frequency	Limit	Detector	Measurement distance (m)
960MHz-1610MHz	-75.3 dBm (EIRP, RBW=1MHz)	AV	3
1610MHz-1990MHz	-63.3 dBm (EIRP, RBW=1MHz)	AV	3
1990MHz-3100MHz	-61.3 dBm (EIRP, RBW=1MHz)	AV	3
3100MHz-10600MHz	-41.3 dBm (EIRP, RBW=1MHz)	AV	3
Above 10600MHz	-61.3 dBm (EIRP, RBW=1MHz)	AV	3
Fundamental	0 dBm (EIRP, RBW=50MHz)	Peak	3

Remark: Due to some spectrum analyzer does not support 50MHz RBW setting, RBW set to the maximum value, and add a correction factor is allowed for Max Peak EIRP measurement. According to ANSI 63.10 Clause 10.3.9, the EIRP to field strength at a specified measurement distance of 3 m is below:

$$E \text{ (dBuV/m)} = \text{EIRP(dBm)} + 95.3$$

According to 47 CFR Part 15, Subpart F Section 15.521, the EIRP to field strength at a specified measurement distance of 3 m is below:

$$E \text{ (dBuV/m)} = \text{EIRP(dBm)} + 95.2$$

For peak power test, the spectrum analyzer was set to RBW=40MHz, VBW=40MHz, and a conversion factor of 1.94dB are added.

Thus, the field strength limit for the test above 1GHz is below:

Frequency	Limit	Detector	Measurement Distance
	Field Strength (dBuV/m)		
960MHz-1610MHz	19.90	AV	3
1610MHz-1990MHz	31.90	AV	3
1990MHz-3100MHz	33.90	AV	3
3100MHz-10600MHz	53.90	AV	3
Above 10600MHz	33.90	AV	3
Fundamental	95.2	Peak	3

Note: We selected 95.2dBuV/m as the conversion factor for this report.

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 24.1 °C Humidity: 50.4 % RH Atmospheric Pressure: 1015 mbar



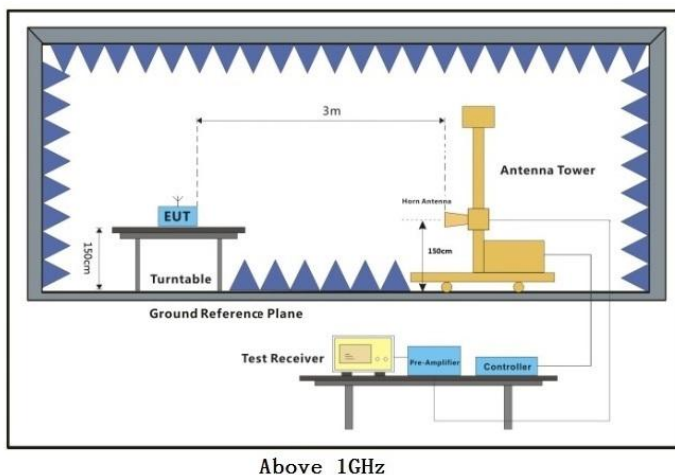
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7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	Continuous Tx Mode: Keep the EUT Transmitting with Modulation.

7.3.3 Test Setup Diagram



7.3.4 Measurement Procedure and Data

- 1) The EUT was placed on the top of a rotating table 1.5 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.
- 2) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- 3) 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.
- 4) 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 and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 5) The test-receiver system was set to Peak detector with Maximum Hold Mode for Max Peak EIRP measurement and RMS/AV detector for Average EIRP measurement.
- 6) Test the EUT in the lowest channel, the middle channel, the Highest channel
- 7) The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case.
- 8) Repeat above procedures until all frequencies measured was complete.

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CH5_Peak Field Strength for fundamental @ RBW=40MHz						
Frequency (MHz)	Field (FS _m , dBuV/m)	Read Level(dBuV)	Preamp factor (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Polarization (H/V)
6489.6	81.38	92.22	56.55	10.47	35.24	Horizontal
6489.6	80.44	91.28	56.55	10.47	35.24	Vertical

Note:

Field Strength (FS_m, dBuV/m)=Read Level (dBuV)+Ant Factor(dB/m)- Preamp factor(dB)+Cable Loss(dB)

CH5_Peak Field Strength for fundamental @ RBW=50MHz				
Frequency (MHz)	Field (FS _m , dBuV/m)	Conversion factor (dB)	Field (FS _c , dBuV/m)	Polarization (H/V)
6489.6	81.38	1.94	83.32	Horizontal
6489.6	80.44	1.94	82.38	Vertical

Note:

Field(FS_c, RBW=50MHz) = Field(FS_m, RBW=40MHz) -20log(40MHz/50MHz)= Field(FS_m, RBW=40MHz) + 1.94

CH5_Calculated Peak Field Strength of fundamental @RBW=50MHz						
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	Field (FS _c , dBuV/m)	Polarization (H/V)	Result
6489.6	-11.88	0	-11.88	83.32	Horizontal	Pass
6489.6	-12.82	0	-12.82	82.38	Vertical	Pass

Note:

EIRP(dBm)= Field Strength (FS_c, dBuV/m)-95.2

CH5_Average Field Strength for fundamental @ RBW=1MHz						
Frequency (MHz)	Field (FS _m , dBuV/m)	Read Level(dBuV)	Preamp factor (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Polarization (H/V)
6489.6	49.48	60.32	56.55	10.47	35.24	Horizontal
6489.6	48.25	59.09	56.55	10.47	35.24	Vertical

Note:

Field Strength (FS_m, dBuV/m)=Read Level (dBuV)+Ant Factor(dB/m)- Preamp factor(dB)+Cable Loss(dB)

CH5_Calculated Average Field Strength of fundamental @RBW=1MHz						
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	Field (FS _m , dBuV/m)	Polarization (H/V)	Result
6489.6	-45.72	-41.3	-4.42	49.48	Horizontal	Pass
6489.6	-46.95	-41.3	-5.65	48.25	Vertical	Pass

Note:

EIRP(dBm)= Field Strength (FS_m, dBuV/m)-95.2



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CH9_Peak Field Strength for fundamental @ RBW=40MHz						
Frequency (MHz)	Field (FS _m , dBuV/m)	Read Level(dBuV)	Preamp factor (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Polarization (H/V)
7987.2	84.2	91.61	55.91	11.27	37.23	Horizontal
7987.2	82.04	89.45	55.91	11.27	37.23	Vertical

Note:

Field Strength (FS_m, dBuV/m)=Read Level (dBuV)+Ant Factor(dB/m)- Preamp factor(dB)+Cable Loss(dB)

CH9_Peak Field Strength for fundamental @ RBW=50MHz				
Frequency (MHz)	Field (FS _m , dBuV/m)	Conversion factor (dB)	Field (FS _c , dBuV/m)	Polarization (H/V)
7987.2	84.2	1.94	86.14	Horizontal
7987.2	82.04	1.94	83.98	Vertical

Note:

Field(FS_c, RBW=50MHz) = Field(FS_m, RBW=40MHz) -20log(40MHz/50MHz)= Field(FS_m, RBW=40MHz) + 1.94

CH9_Calculated Peak Field Strength of fundamental @RBW=50MHz						
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	Field (FS _c , dBuV/m)	Polarization (H/V)	Result
7987.2	-9.06	0	-9.06	86.14	Horizontal	Pass
7987.2	-11.22	0	-11.22	83.98	Vertical	Pass

Note:

EIRP(dBm)= Field Strength (FS_c, dBuV/m)-95.2

CH9_Average Field Strength for fundamental @ RBW=1MHz						
Frequency (MHz)	Field (FS _m , dBuV/m)	Read Level(dBuV)	Preamp factor (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Polarization (H/V)
7987.2	52.44	59.85	55.91	11.27	37.23	Horizontal
7987.2	49.87	57.28	55.91	11.27	37.23	Vertical

Note:

Field Strength (FS_m, dBuV/m)=Read Level (dBuV)+Ant Factor(dB/m)- Preamp factor(dB)+Cable Loss(dB)

CH9_Calculated Average Field Strength of fundamental @RBW=1MHz						
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	Field (FS _m , dBuV/m)	Polarization (H/V)	Result
7987.2	-42.76	-41.3	-1.46	52.44	Horizontal	Pass
7987.2	-45.33	-41.3	-4.03	49.87	Vertical	Pass

Note:

EIRP(dBm)= Field Strength (FS_m, dBuV/m)-95.2



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SZEMC-TRF-01 Rev. A/2

Report No.: SZCR260200067003

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7.4 Spurious Emissions Below 1GHz

Test Requirement 47 CFR Part 15, Subpart F Section 15.519 (c)(d),15.209
 Test Method: ANSI C63.10: 2020 section 10.2
 Measurement Distance: 3m
 Test Engineer: Kaito Zeng
 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

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.

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C Humidity: 46.8 % RH Atmospheric Pressure: 1020 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	Continuous Tx Mode: Keep the EUT Transmitting with Modulation.

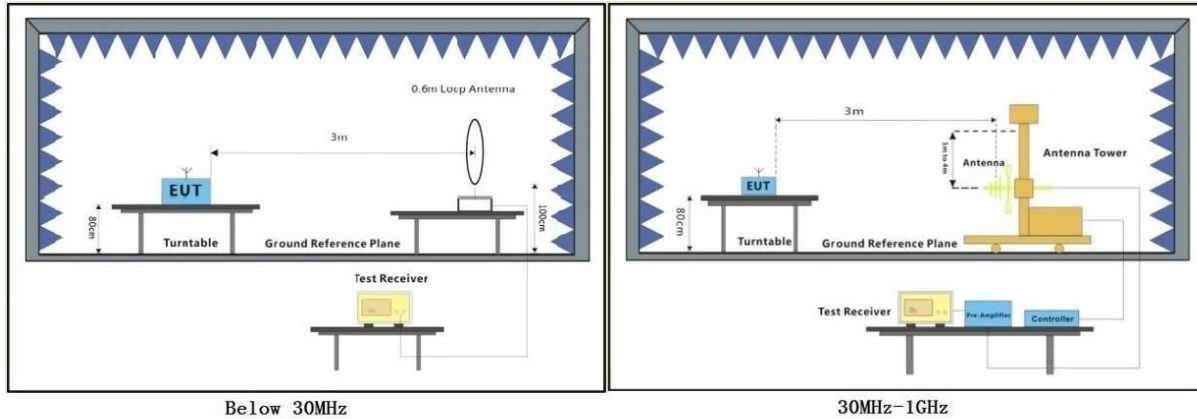


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7.4.3 Test Setup Diagram



7.4.4 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 semi-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 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+ Aux Factor (if applicable)

The aux factor needs to be added for the frequency below 30MHz once a closer distance used.

Aux Factor = 40 dB/decade of distance, the aux factor is $40\log(3/300) = -80\text{dB}$ (for 3 meter test distance).

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.

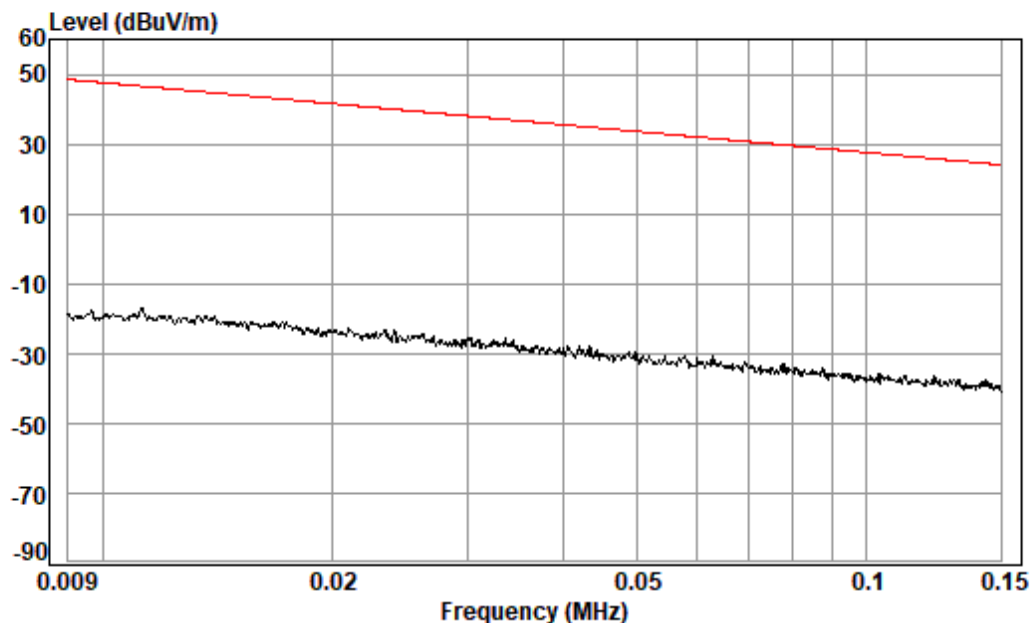
3. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the worst-case test curve is displayed.



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Condition: 3m
 Job No. : 00670AT
 Test Mode: 05
 : coaxial

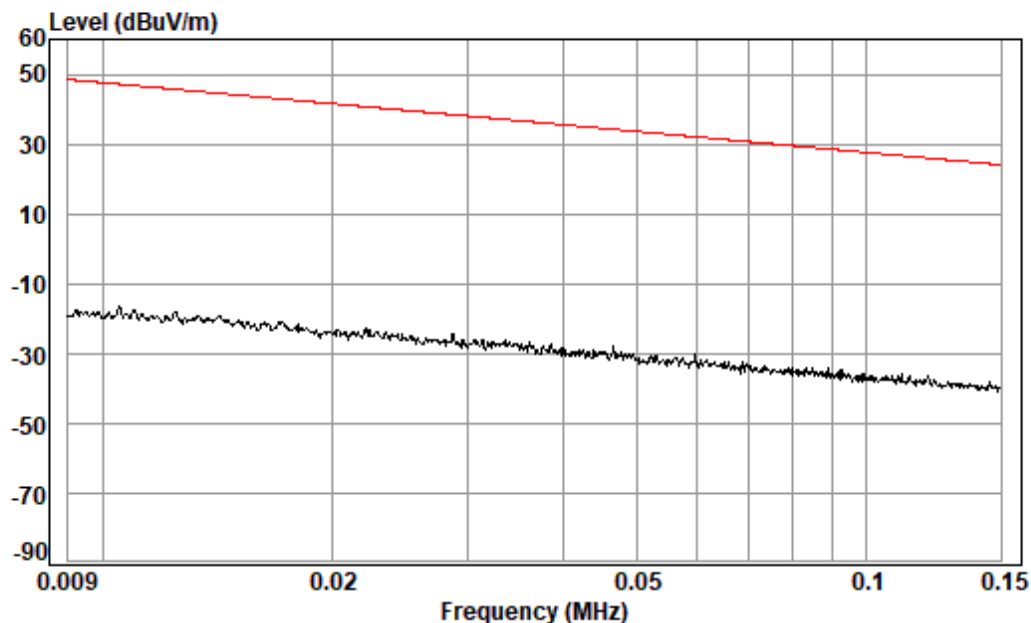


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Condition: 3m
 Job No. : 00670AT
 Test Mode: 05
 : coplanar

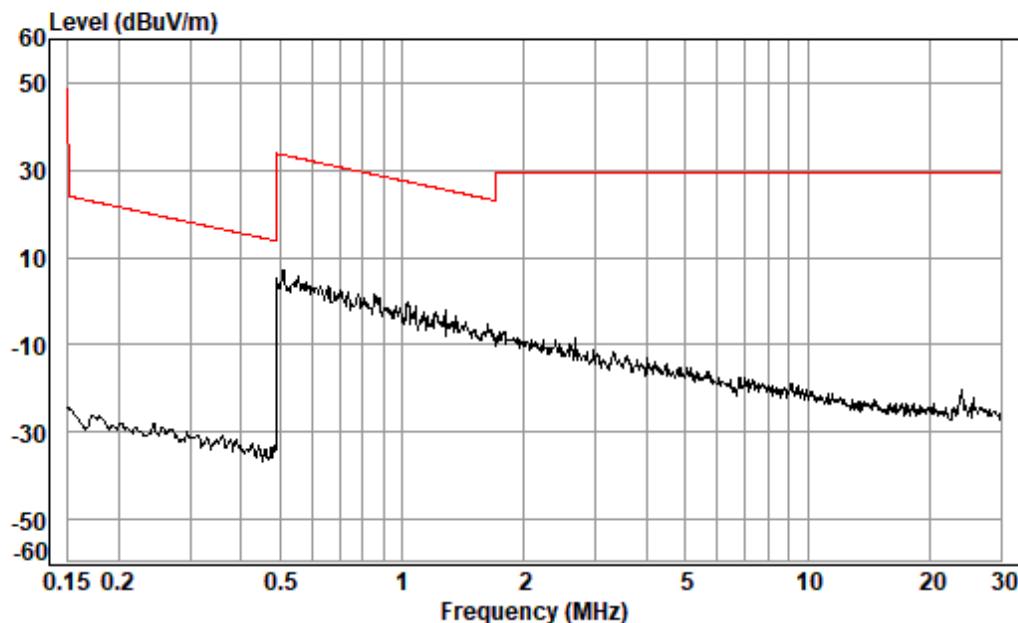


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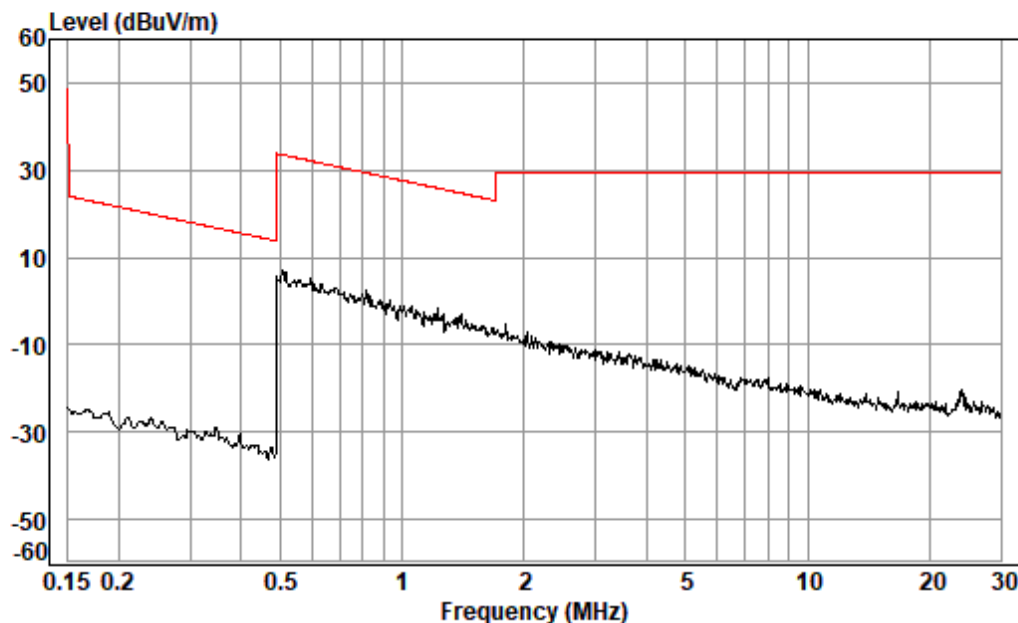
Condition: 3m
 Job No. : 00670AT
 Test Mode: 05
 : coaxial



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Condition: 3m
 Job No. : 00670AT
 Test Mode: 05
 : coplanar

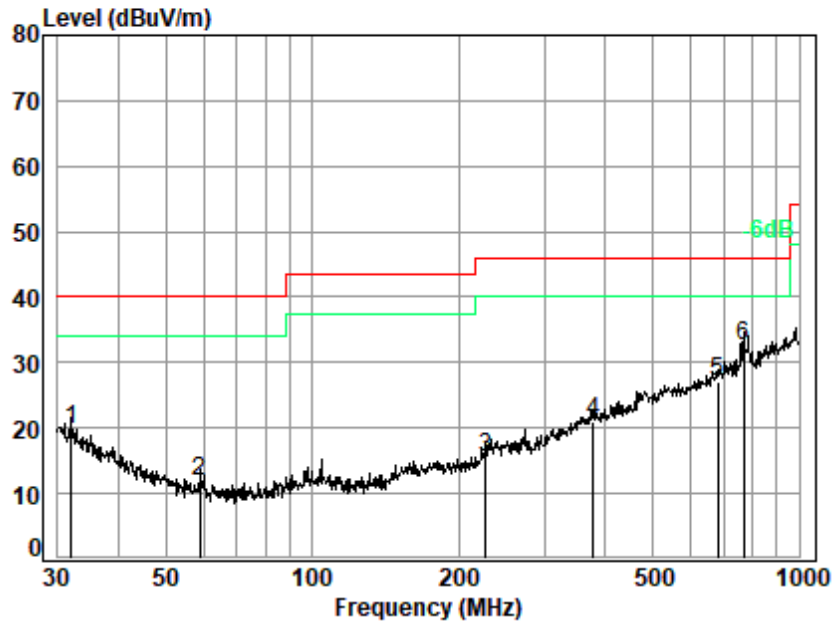


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Test Mode: 05; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 00670AT
Test Mode: 05

		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	31.955	20.44	0.76	27.65	26.15	19.70	40.00	-20.30 QP
2	58.819	11.48	0.92	27.62	26.94	11.72	40.00	-28.28 QP
3	226.894	16.21	1.83	27.71	25.18	15.51	46.00	-30.49 QP
4	377.259	20.46	2.41	27.70	25.70	20.87	46.00	-25.13 QP
5	682.348	25.64	3.36	27.88	25.81	26.93	46.00	-19.07 QP
6 q	768.748	27.46	3.61	27.67	29.24	32.64	46.00	-13.36 QP

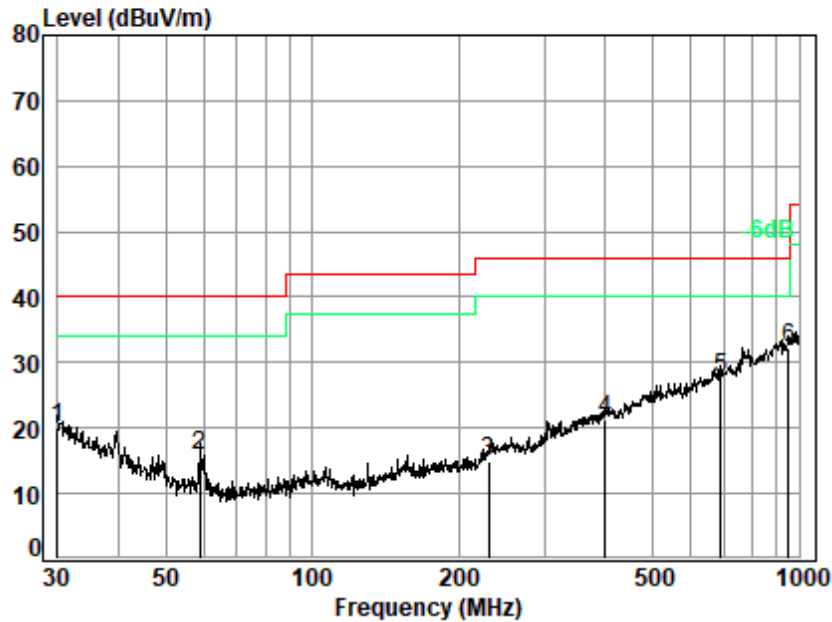


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Test Mode: 05; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 00670AT
Test Mode: 05

	Ant Freq	Cable Factor	Preamp Loss	Read Factor	Level dBuV	Limit dBuV/m	Over Line	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dB	
1	30.000	21.45	0.74	27.65	25.47	20.01	40.00	-19.99 QP
2	58.819	11.48	0.92	27.62	30.91	15.69	40.00	-24.31 QP
3	230.099	16.73	1.84	27.70	24.15	15.02	46.00	-30.98 QP
4	400.432	20.48	2.49	27.75	25.94	21.16	46.00	-24.84 QP
5	691.987	25.72	3.39	27.85	26.29	27.55	46.00	-18.45 QP
6 q	952.094	29.21	4.08	26.66	25.56	32.19	46.00	-13.81 QP



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SZEMC-TRF-01 Rev. A/2

Report No.: SZCR260200067003

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7.5 Spurious Emissions Above 1GHz

Test Requirement 47 CFR Part 15, Subpart F Section 15.519 (c)(d),15.209

Test Method: ANSI C63.10: 2020 section 10.3

Measurement Distance: 3m

Test Engineer: Xing Guo

Limit:

Frequency	Field strength (dBm)	Limit (dBuV/m)	RBW	Detector	Measurement distance (m)
960MHz-1610MHz	-75.3	19.90	1MHz	RMS/AV	3
1610MHz-1990MHz	-63.3	31.90	1MHz	RMS/AV	3
1990MHz-3100MHz	-61.3	33.90	1MHz	RMS/AV	3
3100MHz-10600MHz	-41.3	53.90	1MHz	RMS/AV	3
Above 10600MHz	-61.3	33.90	1MHz	RMS/AV	3
1164MHz-1240MHz	-85.3	9.90	1KHz	RMS/AV	3
1559MHz-1610MHz	-85.3	9.90	1KHz	RMS/AV	3

$E \text{ (dBuV/m)} = \text{EIRP(dBm)} + 95.2$

Frequency	Actual test distance(m)
960MHz-1610MHz	1
1.61GHz-4.75GHz	1
4.75GHz-10.6GHz	1
Above 10600MHz	1
1164MHz-1240MHz	1
1559MHz-1610MHz	1

Distance factor = $20 \cdot \log_{10}(1/3) = -9.54\text{dB}$

The correction factor of distance was added in the test result.

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 24.5 °C

Humidity: 50.8 % RH

Atmospheric Pressure: 1015 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	Continuous Tx Mode: Keep the EUT Transmitting with Modulation.



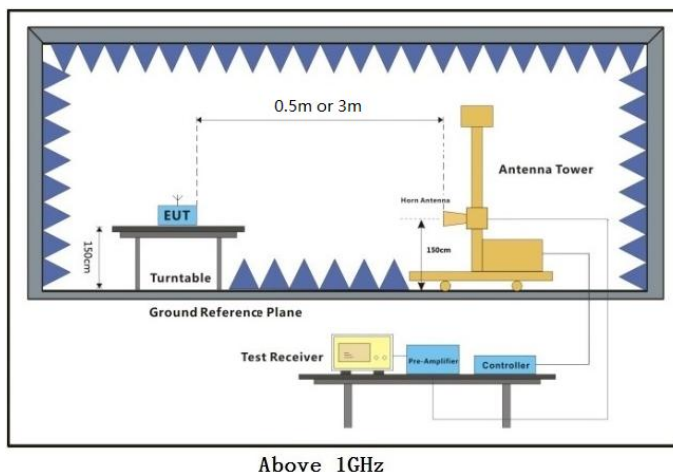
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7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

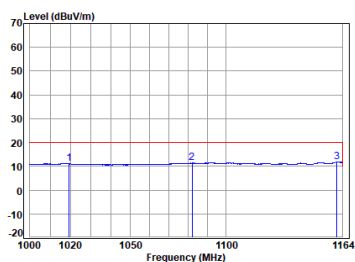
- 1) The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2) The EUT was set 1 or 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- 3) 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.
- 4) 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 and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 5) The test-receiver system was set to Peak detector with Maximum Hold Mode.
- 6) Test the EUT in the lowest channel, the middle channel, the Highest channel
- 7) The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case.
- 8) Repeat above procedures until all frequencies measured was complete

Remark:

1. Level = Read Level + Cable Loss + Antenna Factor - (Preamp Factor - Distance factor) + Aux Factor
2. Scan from 960MHz to 40GHz, the disturbance below 1GHz 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.

Measurements employing an average detector.

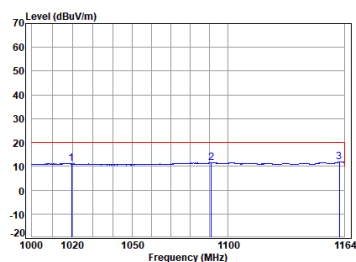
CH5_TX_Horizontal



Condition: 3m HORIZONTAL
Job No : 00670AT/00671AT
Mode : 6489.6 TX RSE
: CH5

	Freq	Cable	Loss	Ant	Preamp	Read	Level	Limit	Over		Aux
	MHz	dB	dB/m	Factor	Factor	Level	dBuV/m	dBuV/m	dB	Remark	Factor
1	1019.319	3.89	25.72	54.39	45.41	11.89	19.90	-8.81	Average	-9.54	
2	1062.006	4.82	25.84	54.38	45.40	11.34	19.90	-8.56	Average	-9.54	
3	1160.999	4.25	25.98	54.36	45.42	11.75	19.90	-8.15	Average	-9.54	

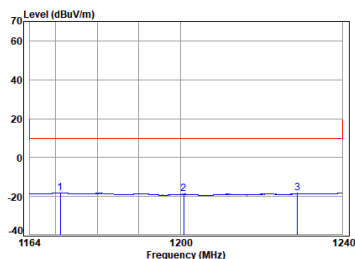
CH5_TX_Vertical



Condition: 3m VERTICAL
Job No : 00670AT/00671AT
Mode : 6489.6 TX RSE
: CH5

	Freq	Cable	Loss	Ant	Preamp	Read	Level	Limit	Over		Aux
	MHz	dB	dB/m	Factor	Factor	Level	dBuV/m	dBuV/m	dB	Remark	Factor
1	1019.474	3.89	25.72	54.39	45.45	11.13	19.90	-8.77	Average	-9.54	
2	1091.247	4.04	25.82	54.37	45.57	11.52	19.90	-8.38	Average	-9.54	
3	1161.175	4.25	25.98	54.36	45.39	11.72	19.90	-8.18	Average	-9.54	

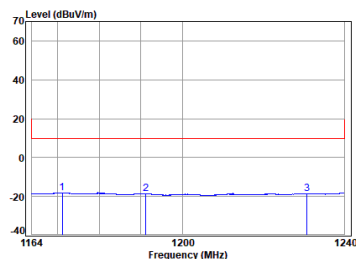
CH5_TX_Horizontal



Condition: 3m HORIZONTAL
Job No : 00670AT/00671AT
Mode : 6489.6 TX RSE
: CH5

	Freq	Cable	Loss	Ant	Preamp	Read	Level	Limit	Over		Aux
	MHz	dB	dB/m	Factor	Factor	Level	dBuV/m	dBuV/m	dB	Remark	Factor
1	1171.163	4.28	25.96	54.35	15.36	-18.29	9.90	-28.19	Average	-9.54	
2	1200.791	4.36	25.90	54.35	14.77	-18.86	9.90	-28.76	Average	-9.54	
3	1228.835	4.45	25.96	54.34	15.04	-18.43	9.90	-28.33	Average	-9.54	

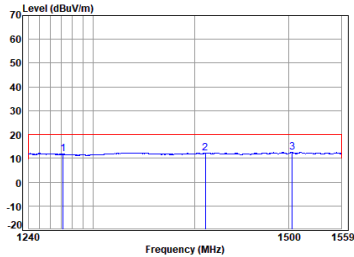
CH5_TX_Vertical



Condition: 3m VERTICAL
Job No : 00670AT/00671AT
Mode : 6489.6 TX RSE
: CH5

	Freq	Cable	Loss	Ant	Preamp	Read	Level	Limit	Over		Aux
	MHz	dB	dB/m	Factor	Factor	Level	dBuV/m	dBuV/m	dB	Remark	Factor
1	1171.237	4.28	25.96	54.35	15.37	-18.28	9.90	-28.18	Average	-9.54	
2	1191.185	4.33	25.92	54.35	14.96	-18.68	9.90	-28.58	Average	-9.54	
3	1230.702	4.46	25.96	54.34	14.89	-18.57	9.90	-28.47	Average	-9.54	

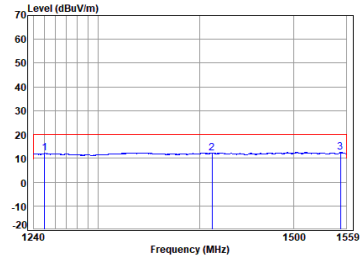
CH5_TX_Horizontal



Condition: 3m HORIZONTAL
Job No : 00670AT/00671AT
Mode : 6489.6 TX RSE
: CH5

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	1271.332	4.58	25.96	54.33	45.14	11.81	19.90	-8.09	Average		-9.54
2	1411.226	4.92	25.90	54.30	45.15	12.13	19.90	-7.77	Average		-9.54
3 pp	1583.961	5.27	25.88	54.28	45.26	12.51	19.90	-7.39	Average		-9.54

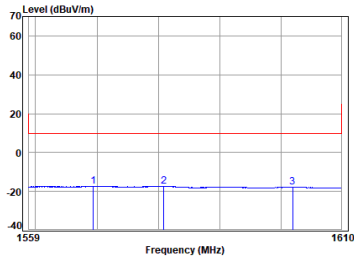
CH5_TX_Vertical



Condition: 3m VERTICAL
Job No : 00670AT/00671AT
Mode : 6489.6 TX RSE
: CH5

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	1249.976	4.52	26.00	54.34	45.49	12.13	19.90	-7.77	Average		-9.54
2	1413.166	4.93	25.90	54.30	45.19	12.18	19.90	-7.72	Average		-9.54
3 pp	1552.589	5.58	25.79	54.27	44.99	12.47	19.90	-7.43	Average		-9.54

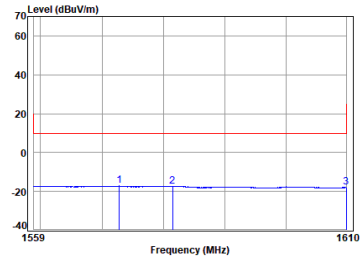
CH5_TX_Horizontal



Condition: 3m HORIZONTAL
Job No : 00670AT/00671AT
Mode : 6489.6 TX RSE
: CH5

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	1569.372	5.58	25.76	54.27	15.01	-17.46	9.90	-27.36	Average		-9.54
2 pp	1580.831	5.63	25.74	54.27	15.04	-17.40	9.90	-27.30	Average		-9.54
3	1601.987	5.73	25.69	54.26	14.59	-17.79	9.90	-27.69	Average		-9.54

CH5_TX_Vertical



Condition: 3m VERTICAL
Job No : 00670AT/00671AT
Mode : 6489.6 TX RSE
: CH5

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1 pp	1572.811	5.60	25.75	54.27	15.35	-17.11	9.90	-27.01	Average		-9.54
2	1581.442	5.64	25.74	54.27	15.13	-17.30	9.90	-27.20	Average		-9.54
3	1610.000	5.76	25.66	54.26	14.40	-17.98	9.90	-27.88	Average		-9.54



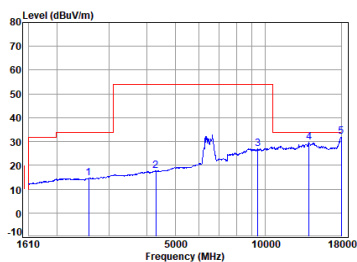
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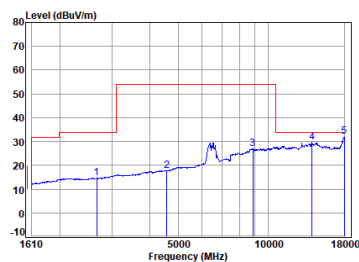
CH5_TX_Horizontal



Condition: 3m HORIZONTAL
Job No : 00670AT/00671AT
Mode : 6489.6 TX RSE
: CH5

	Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	2559.338	6.36	28.22	54.44	43.91	14.51	33.90	-19.39	Average	-9.54	
2	4290.375	8.13	31.58	55.41	42.81	17.57	53.90	-36.33	Average	-9.54	
3	9447.942	12.20	38.90	54.19	39.48	26.05	53.90	-27.05	Average	-9.54	
4	14037.260	16.29	40.53	54.10	36.35	29.53	33.90	-4.37	Average	-9.54	
5	pp18000.000	18.74	42.60	54.30	34.48	31.98	33.90	-1.92	Average	-9.54	

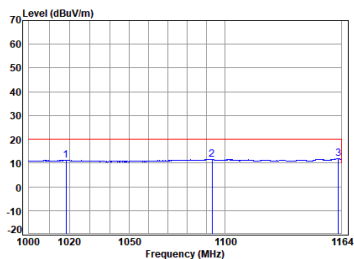
CH5_TX_Vertical



Condition: 3m VERTICAL
Job No : 00670AT/00671AT
Mode : 6489.6 TX RSE
: CH5

	Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	2660.129	6.42	28.52	54.48	43.68	14.60	33.90	-19.30	Average	-9.54	
2	4568.302	8.35	31.97	55.70	42.79	17.87	53.90	-36.03	Average	-9.54	
3	8875.146	12.11	38.40	54.84	40.75	26.88	53.90	-27.02	Average	-9.54	
4	14037.260	16.29	40.53	54.10	36.46	29.64	33.90	-4.26	Average	-9.54	
5	pp18000.000	18.74	42.60	54.30	34.44	31.94	33.90	-1.96	Average	-9.54	

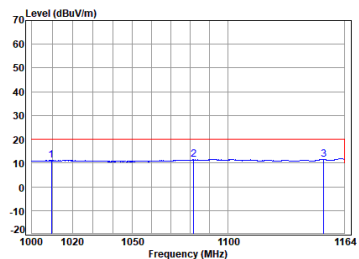
CH9_TX_Horizontal



Condition: 3m HORIZONTAL
Job No : 00670AT/00671AT
Mode : 7987.2 TX RSE
: CH9

	Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	1018.236	3.89	25.71	54.39	45.44	11.11	19.90	-8.79	Average	-9.54	
2	1093.237	4.05	25.81	54.37	45.54	11.49	19.90	-8.41	Average	-9.54	
3	pp1162.418	4.25	25.97	54.36	45.48	11.08	19.90	-8.10	Average	-9.54	

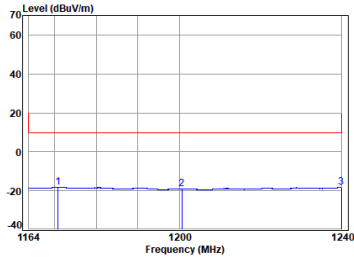
CH9_TX_Vertical



Condition: 3m VERTICAL
Job No : 00670AT/00671AT
Mode : 7987.2 TX RSE
: CH9

	Freq	Cable	Loss	Factor	Ant	Preamp	Read	Level	Limit	Over	Aux
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB	Remark	Factor
1	1009.613	3.87	25.66	54.40	45.45	11.04	19.90	-8.86	Average	-9.54	
2	1081.842	4.02	25.84	54.38	45.42	11.36	19.90	-8.54	Average	-9.54	
3	pp1152.567	4.22	25.99	54.36	45.24	11.55	19.90	-8.35	Average	-9.54	

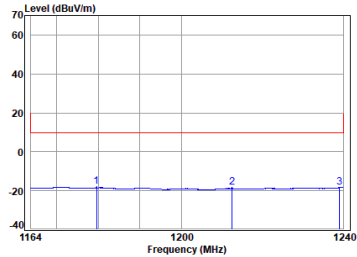
CH9_TX_Horizontal



Condition: 3m HORIZONTAL
Job No : 00670AT/00671AT
Mode : 7987.2 TX RSE
: CH9

Freq	Cable	Loss	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	Factor	Factor	Level	dBuV	Line	Limit	Factor
						dBuV/m	dB	Remark	dB
1 pp 1170.941	4.28	25.96	54.35	15.37	-18.28	9.90	-28.18	Average	-9.54
2 1200.640	4.36	25.90	54.35	14.75	-18.88	9.90	-28.78	Average	-9.54
3 1240.000	4.49	25.98	54.34	15.12	-18.29	9.90	-28.19	Average	-9.54

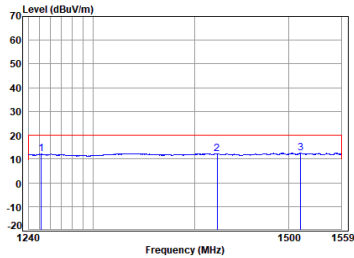
CH9_TX_Vertical



Condition: 3m VERTICAL
Job No : 00670AT/00671AT
Mode : 7987.2 TX RSE
: CH9

Freq	Cable	Loss	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	Factor	Factor	Level	dBuV	Line	Limit	Factor
						dBuV/m	dB	Remark	dB
1 pp 1179.564	4.30	25.94	54.35	15.70	-17.95	9.90	-27.85	Average	-9.54
2 1212.391	4.40	25.93	54.34	15.29	-18.26	9.90	-28.16	Average	-9.54
3 1239.138	4.48	25.98	54.34	15.00	-18.42	9.90	-28.32	Average	-9.54

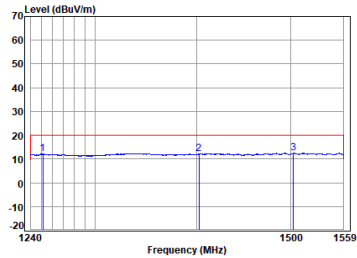
CH9_TX_Horizontal



Condition: 3m HORIZONTAL
Job No : 00670AT/00671AT
Mode : 7987.2 TX RSE
: CH9

Freq	Cable	Loss	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	Factor	Factor	Level	dBuV	Line	Limit	Factor
						dBuV/m	dB	Remark	dB
1 1251.407	4.52	26.00	54.34	45.46	12.10	19.90	-7.80	Average	-9.54
2 1423.556	4.97	25.90	54.30	45.15	12.18	19.90	-7.72	Average	-9.54
3 pp 1513.286	5.31	25.80	54.28	45.13	12.42	19.90	-7.48	Average	-9.54

CH9_TX_Vertical

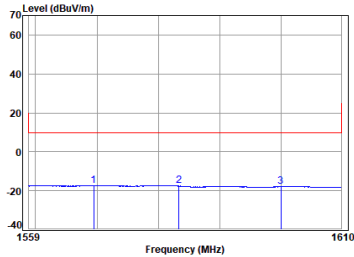


Condition: 3m VERTICAL
Job No : 00670AT/00671AT
Mode : 7987.2 TX RSE
: CH9

Freq	Cable	Loss	Ant	Preamp	Read	Level	Limit	Over	Aux
MHz	dB	dB/m	Factor	Factor	Level	dBuV	Line	Limit	Factor
						dBuV/m	dB	Remark	dB
1 1251.121	4.52	26.00	54.34	45.45	12.09	19.90	-7.81	Average	-9.54
2 1402.530	4.89	25.90	54.30	45.26	12.21	19.90	-7.69	Average	-9.54
3 pp 1502.928	5.26	25.80	54.28	45.24	12.48	19.90	-7.42	Average	-9.54



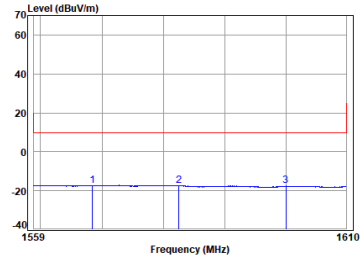
CH9_TX_Horizontal



Condition: 3m HORIZONTAL
Job No : 00670AT/00671AT
Mode : 7987.2 TX RSE
: CH9

Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 pp 1569.473	5.58	25.76	54.27	15.11	-17.36	9.90	-27.26	Average	-9.54	
2 1583.275	5.64	25.73	54.27	14.87	-17.57	9.90	-27.47	Average	-9.54	
3 1600.029	5.72	25.70	54.26	14.66	-17.72	9.90	-27.62	Average	-9.54	

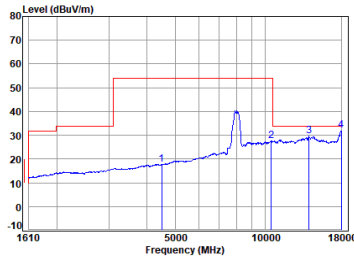
CH9_TX_Vertical



Condition: 3m VERTICAL
Job No : 00670AT/00671AT
Mode : 7987.2 TX RSE
: CH9

Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 pp 1568.463	5.58	25.76	54.27	15.07	-17.40	9.90	-27.30	Average	-9.54	
2 1582.511	5.64	25.73	54.27	15.03	-17.41	9.90	-27.31	Average	-9.54	
3 1600.029	5.72	25.70	54.26	14.92	-17.46	9.90	-27.36	Average	-9.54	

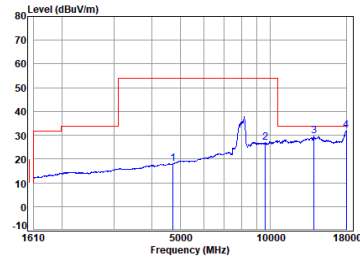
CH9_TX_Horizontal



Condition: 3m HORIZONTAL
Job No : 00670AT/00671AT
Mode : 7987.2 TX RSE
: CH9

Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 4502.608	8.31	31.81	55.63	42.75	17.70	53.90	-36.20	Average	-9.54	
2 10481.430	13.25	39.28	53.55	38.10	27.54	53.90	-26.36	Average	-9.54	
3 14037.260	16.29	40.53	54.10	36.43	29.61	33.90	-4.29	Average	-9.54	
4 pp18000.000	18.74	42.60	54.30	34.54	32.04	33.90	-1.86	Average	-9.54	

CH9_TX_Vertical

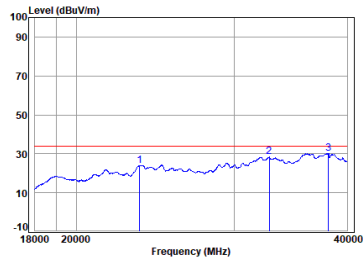


Condition: 3m VERTICAL
Job No : 00670AT/00671AT
Mode : 7987.2 TX RSE
: CH9

Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark	Aux Factor
MHz	dB	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB		dB
1 4725.340	8.58	32.25	55.85	42.59	18.03	53.90	-35.87	Average	-9.54	
2 9632.186	12.45	38.67	53.99	39.28	26.87	53.90	-27.03	Average	-9.54	
3 14037.260	16.29	40.53	54.10	36.42	29.60	33.90	-4.30	Average	-9.54	
4 pp18000.000	18.74	42.60	54.30	34.51	32.01	33.90	-1.89	Average	-9.54	



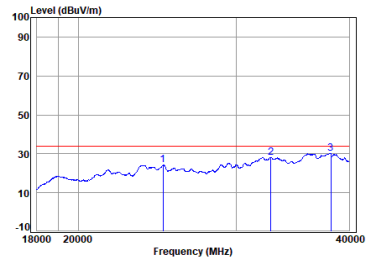
CH5_TX_Horizontal



Condition: 3m HORIZONTAL
Job No : 00670AT/00671AT
Mode : TX RSE
: CH5

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	23520.490	6.76	38.34	50.30	38.69	23.95	33.90	-9.95	Average		-9.54
2	32761.458	8.15	40.99	51.94	40.66	28.32	33.90	-5.58	Average		-9.54
3	pp38128.778	7.79	42.15	50.28	40.19	30.31	33.90	-3.59	Average		-9.54

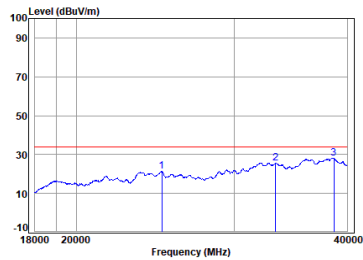
CH5_TX_Vertical



Condition: 3m VERTICAL
Job No : 00670AT/00671AT
Mode : TX RSE
: CH5

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	24852.760	6.84	39.50	51.88	39.25	24.17	33.90	-9.73	Average		-9.54
2	32735.300	8.15	40.99	51.96	40.54	28.18	33.90	-5.72	Average		-9.54
3	pp38159.220	7.77	42.19	50.30	40.11	30.23	33.90	-3.67	Average		-9.54

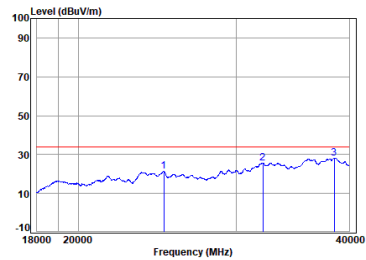
CH9_TX_Horizontal



Condition: 3m HORIZONTAL
Job No : 00670AT/00671AT
Mode : TX RSE
: CH9

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	24892.480	6.84	39.50	51.91	36.34	21.23	33.90	-12.67	Average		-9.54
2	33315.450	8.00	41.03	51.45	37.60	25.64	33.90	-8.26	Average		-9.54
3	pp38680.750	7.43	42.87	51.23	38.70	28.23	33.90	-5.67	Average		-9.54

CH9_TX_Vertical



Condition: 3m VERTICAL
Job No : 00670AT/00671AT
Mode : TX RSE
: CH9

	Freq	Cable Loss	Factor	Ant Factor	Preamp Factor	Read Level	Level	Limit	Over	Remark	Aux Factor
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	dB		dB
1	24892.480	6.84	39.50	51.91	36.31	21.20	33.90	-12.70	Average		-9.54
2	32088.290	7.97	40.94	51.38	37.75	25.74	33.90	-8.16	Average		-9.54
3	pp38495.880	7.55	42.79	50.50	37.86	28.16	33.90	-5.74	Average		-9.54



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8 Test Setup Photo

Refer to Appendix – Test Setup Photos UWB for SZCR2602000670AT

9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SZCR2602000670AT

- End of the Report -



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