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Report No.: GZEM190901618903
Page: 1 of 23
FCC ID: 2AUUJPC01

TEST REPORT

Application No.: GZEM1909016189CR
Applicant: Source One Ltd
Address of Applicant: Office E 23/F Maxgrand Plaza, No.3, Tai Yau Street, San Po King KL. HK
Manufacturer: Dongguan City Mingjie Plastic & Metal Products Co., LTD
Address of Manufacturer: No.23, XiNanLang RD, Jinxia, ChangAn Town, Dongguan / Guangdong
Factory: Dongguan City Mingjie Plastic & Metal Products Co., LTD
Address of Factory: No.23, XiNanLang RD, Jinxia, ChangAn Town, Dongguan / Guangdong
Equipment Under Test (EUT):
FCC ID: 2AUUJPC01
EUT Name: Smart Storage System
Model No.: PC01
Trade Mark: PANTRYCHIC™
Standard(s) : 47 CFR Part 15, Subpart C 15.209
Date of Receipt: 2019-09-29
Date of Test: 2019-10-09 to 2019-10-22
Date of Issue: 2019-10-29

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

Kobe Jian

Kobe Jian

EMC Laboratory Manager

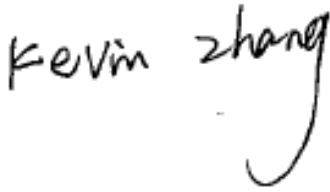
The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant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



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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2019-10-29		Original

Authorized for issue by:			
Tested By	 Kevin_Zhang /Project Engineer	2019-10-09 to 2019-10-22 Date	
Checked By	 Ricky_Liu /Reviewer	2019-10-29 Date	



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2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 15, Subpart C 15.209	N/A	47 CFR Part 15, Subpart C 15.203	Pass

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart C 15.207	ANSI C63.10 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207	Pass
20dB Bandwidth	47 CFR Part 15, Subpart C 15.215	ANSI C63.10 (2013) Section 6.9	47 CFR Part 15, Subpart C 15.215	Pass
Radiated Emissions (9kHz-30MHz)	47 CFR Part 15, Subpart C 15.209	ANSI C63.10 (2013) Section 6.4&6.5	47 CFR Part 15, Subpart C 15.209	Pass
Radiated Emissions (30MHz-1GHz)	47 CFR Part 15, Subpart C 15.209	ANSI C63.10 (2013) Section 6.4&6.5	47 CFR Part 15, Subpart C 15.209	Pass



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4 General Information

4.1 Details of E.U.T.

Power Supply:	AC 110-240V 50/60Hz
Test Voltage:	AC 120V 60Hz
Cable:	AC mains (unshielded, 1.5m)
Operation Frequency:	125kHz
Modulation Type:	Pulse Modulated
Antenna Type:	Integrated Antenna
Antenna Gain:	0dBi
Function:	Identify the ID card on the container with 125kHz as carrier for data transmission.

4.2 Description of Support Units

The EUT has been tested as an independent unit.

4.3 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	$\pm 5.5 \times 10^{-8}$
2	Duty cycle	$\pm 0.57\%$
3	Occupied Bandwidth	$\pm 3\%$
4	RF Conducted power	$\pm 0.68\text{dB}$
5	RF Power Density	$\pm 1.50\text{dB}$
6	Conducted Spurious Emissions	$\pm 1.04\text{dB}$
7	RF Radiated Power	$\pm 4.5\text{dB}$ (below 1GHz)
		$\pm 4.8\text{dB}$ (above 1GHz)
8	Radiated Spurious Emission Test	$\pm 4.5\text{dB}$ (30MHz-1GHz)
		$\pm 4.8\text{dB}$ (1GHz-18GHz)
9	Temperature	$\pm 0.4^\circ\text{C}$
10	Humidity	$\pm 1.3\%$
11	Supply Voltages	$\pm 1.5\%$
12	Time	$\pm 3\%$

4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou Branch EMC Laboratory,
198 Kezhu Road, Sciencetech Park, Guangzhou Economic & Technology Development District,
Guangzhou, China 510663

Tel: +86 20 82155555 Fax: +86 20 82075059

No tests were sub-contracted.



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4.5 Test Facility

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

● **NVLAP (Lab Code: 200611-0)**

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou EMC Laboratory is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP/NIST). NVLAP Code: 200611-0.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

● **ACMA**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory can also perform testing for the Australian C-Tick mark as a result of our NVLAP accreditation.

● **SGS UK(Certificate No.: 32), SGS-TUV SAARLAND and SGS-FIMKO**

Have approved SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory as a supplier of EMC TESTING SERVICES and SAFETY TESTING SERVICES.

● **CNAS (Lab Code: L0167)**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been assessed and in compliance with CNAS-CL01:2018 accreditation criteria for testing laboratories (identical to

ISO/IEC 17025:2017 General Requirements) for the Competence of Testing Laboratories.

● **FCC Recognized 2.948 Listed Test Firm(Registration No.: 282399)**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 282399, May 31, 2002.

● **FCC Recognized Accredited Test Firm(Registration No.: 486818)**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been accredited and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Designation Number: CN5016, Test Firm Registration Number: 486818, Jul 13, 2017.

● **Industry Canada (Registration No.: 4620B, CAB identifier: CN0052)**

SGS-CSTC Standards Technical Services Co., Ltd., has been registered by Innovation Science and Economic Development Canada for Wireless Device Testing laboratories to test to Canadian radio equipment requirements. Registration No. 4620B, CAB identifier: CN0052.

● **VCCI (Registration No.: R-12460, C-12584, G-10449 and T-11179)**

The 10m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-12460, C-12584, G-10449 and T-11179 respectively.

● **CBTL (Lab Code: TL129)**

SGS-CSTC Standards Technical Services Co., Ltd., E&E Laboratory has been assessed and fully comply with the requirements of ISO/IEC 17025:2005, the Basic Rules, IECEE 01 and Rules of procedure IECEE 02, and the relevant IECEE CB-Scheme Operational documents.



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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	Zhong Yu	8m x 3m x 3.8m	EMC0306	N/A	N/A
Two-Line V-Netwok	R&S	ENV216	EMC0118	2019-01-11	2020-01-10
LISN	R&S	ENV216	EMC2135	2019-09-16	2020-09-15
EMI Test Receiver	Rohde & Schwarz	ESCS30	EMC0506	2018-11-19	2019-11-18
Coaxial Cable	HangTianXing	2m	EMC0107	2018-09-20	2020-09-19
Voltage Probe	SGS	N/A	EMC0106	2018-04-04	2020-04-03
Conical Metal Housing	SGS-EMC	N/A	EMC0167	2018-04-19	2020-04-18
Test Software E3c	Audix	Ver. 5.4.1221b	GZE100-62	N/A	N/A

20dB Bandwidth					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
EXA Signal Analyzer	AgilentTechnologies	N9010A	EMC2138	2018-11-19	2019-11-18
6dB Attenuator	HP	8491A	EMC2062	2018-04-04	2020-04-03
Test Software JS1120-3	HangTianXing	V2.6	GZE100-69	N/A	N/A
MI CABLE	SGS	0.8M	EMC2136	2017-11-02	2019-11-01
MI CABLE	SGS	0.8M	EMC2137	2017-11-02	2019-11-01

Radiated Emissions					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
EMI Test Receiver	Rohde & Schwarz	ESIB26	EMC0522	2019-01-20	2020-01-19
EMI Test Receiver	Rohde & Schwarz	ESCI	EMC0056	2019-01-20	2020-01-19
Chamber cable	HangTianXing	N/A	EMC0542	2019-06-28	2021-06-27
Trilog Broadband Antenna 25MHz-1GHz	SCHWARZBECKME SS-ELEKTRONIK	VULB 9168	EMC2174	2018-09-06	2021-09-05
Trilog Broadband Antenna 30MHz-1GHz	SCHWARZBECKME SS-ELEKTRONIK	VULB 9168	SEM003-18	2019-02-22	2022-02-22
Bi-log Type Antenna	Schaffner -Chase	CBL6143	EMC0519	2017-05-04	2020-05-03
Horn Antenna 1GHz-18GHz	R & S	HF906	EMC0518	2018-09-02	2021-09-01
1GHz-26.5 GHz Pre-Amplifier	Agilent	8449B	EMC0521	2019-01-11	2020-01-10
Amplifier	HP	8447F	EMC2065	2019-05-29	2020-05-28
Pre-Amplifier MH648A	ANRITSU CORP	MH648A	EMC2086	2018-11-19	2019-11-18
Active Loop Antenna	EMCO	6502	EMC0523	2018-03-05	2020-03-04
High Pass Filter(915MHz)	FSY MICROWAVE	HM1465-9SS	EMC2079	2019-01-11	2020-01-10
2.4GHz Filter	Micro-Tronics	BRM 50702	EMC2069	2019-01-11	2020-01-10



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10m Semi-Anechoic Chamber	ETS	N/A	EMC0530	2019-10-20	2022-10-19
966 Anechoic Chamber	C.R.T	9m x 6m x 6m	EMC2142	2017-12-19	2019-12-18
MXE EMI Receiver	Keysight	N9038A	EMC2139	2018-11-19	2019-11-18
EXA Signal Analyzer	Keysight	N9010A	EMC2138	2018-11-19	2019-11-18
Test Software E3	Audix	Ver.6.120110a	GZE100-61	N/A	N/A

General used equipment					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
DMM	Fluke	73	EMC0006	2019-07-16	2020-07-15
DMM	Fluke	73	EMC0007	2019-07-16	2020-07-15



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6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

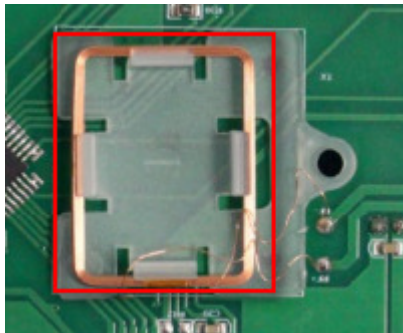
6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

Standard Requirement:

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



EUT Antenna:

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



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.		



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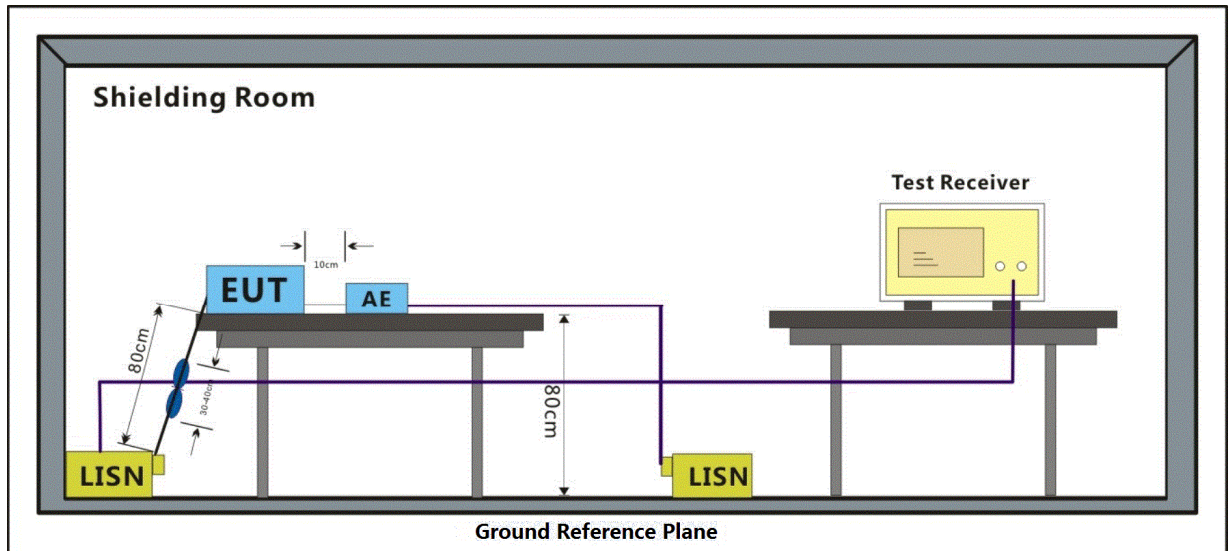
7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 23.8 °C Humidity: 52 % RH Atmospheric Pressure: 1020 mbar

Test mode d:TX mode_Keep the EUT in continuously transmitting mode.

7.1.2 Test Setup Diagram



7.1.3 Measurement Procedure and Data

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 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: LISN=Read Level+ Cable Loss+ LISN Factor



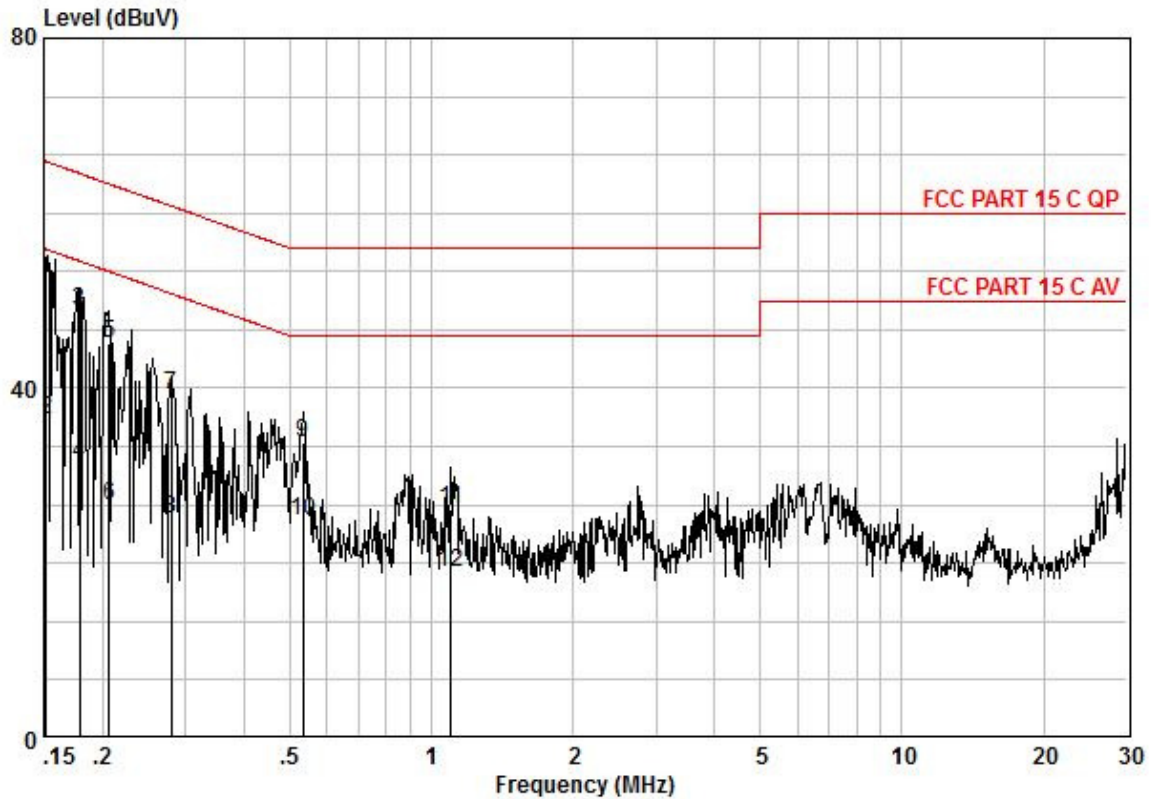
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Mode:d; Line:Live Line



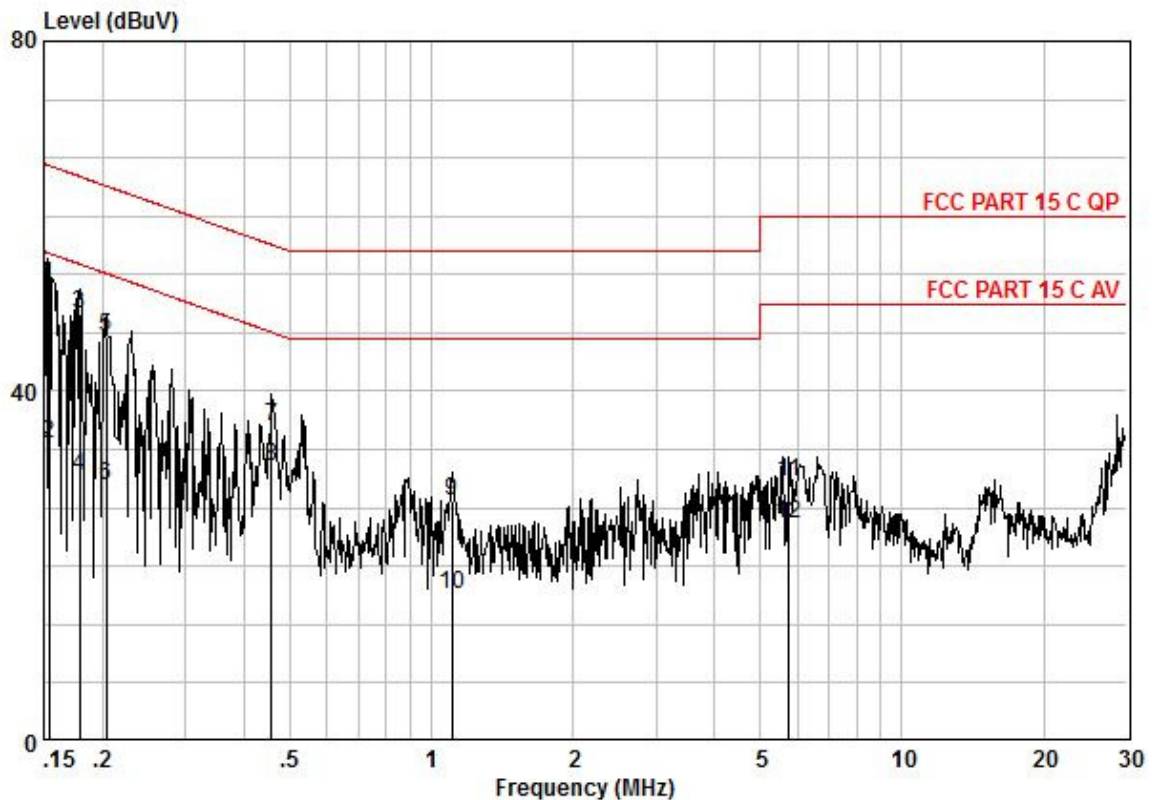
Pol	:LIVE						
No	:						
Model	:						
Frequency MHz	read level dBuV	Cable Loss dB	LISN Factor dB	Measured level dBuV	Limit Line dBuV	Over limit dB	Remark
0,15	42,68	0,10	9,67	52,45	65,91	-13,46	QP
0,15	26,57	0,10	9,67	36,34	55,91	-19,57	AVERAGE
0,18	39,14	0,10	9,66	48,90	64,55	-15,65	QP
0,18	21,58	0,10	9,66	31,34	54,55	-23,21	AVERAGE
0,21	35,33	0,10	9,66	45,09	63,36	-18,27	QP
0,21	16,94	0,10	9,66	26,70	53,36	-26,66	AVERAGE
0,28	29,48	0,10	9,67	39,25	60,81	-21,56	QP
0,28	15,28	0,10	9,67	25,05	50,81	-25,76	AVERAGE
0,53	24,09	0,10	9,67	33,86	56,00	-22,14	QP
0,53	15,12	0,10	9,67	24,89	46,00	-21,11	AVERAGE
1,10	16,48	0,10	9,68	26,26	56,00	-29,75	QP
1,10	9,09	0,10	9,68	18,87	46,00	-27,14	AVERAGE



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Mode:d; Line:Neutral Line



Pol	: NEUTRAL						
No	:						
Model	:						
Frequency MHz	read level dBuV	Cable Loss dB	LISN Factor dB	Measured level dBuV	Limit Line dBuV	Over limit dB	Remark
0,15	42,41	0,10	9,58	52,09	65,78	-13,69	QP
0,15	24,30	0,10	9,58	33,98	55,78	-21,80	AVERAGE
0,18	39,16	0,10	9,60	48,86	64,55	-15,69	QP
0,18	20,67	0,10	9,60	30,37	54,55	-24,18	AVERAGE
0,20	36,57	0,10	9,60	46,27	63,45	-17,18	QP
0,20	19,56	0,10	9,60	29,26	53,45	-24,19	AVERAGE
0,46	26,24	0,10	9,60	35,94	56,76	-20,82	QP
0,46	21,69	0,10	9,60	31,39	46,76	-15,37	AVERAGE
1,11	17,65	0,10	9,61	27,36	56,00	-28,64	QP
1,11	7,06	0,10	9,61	16,77	46,00	-29,23	AVERAGE
5,74	19,77	0,20	9,67	29,64	60,00	-30,36	QP
5,74	14,97	0,20	9,67	24,84	50,00	-25,16	AVERAGE



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7.2 20dB Bandwidth

Test Requirement: 47 CFR Part 15, Subpart C 15.215
 Test Method: ANSI C63.10 (2013) Section 6.9
 Limit: Not specified

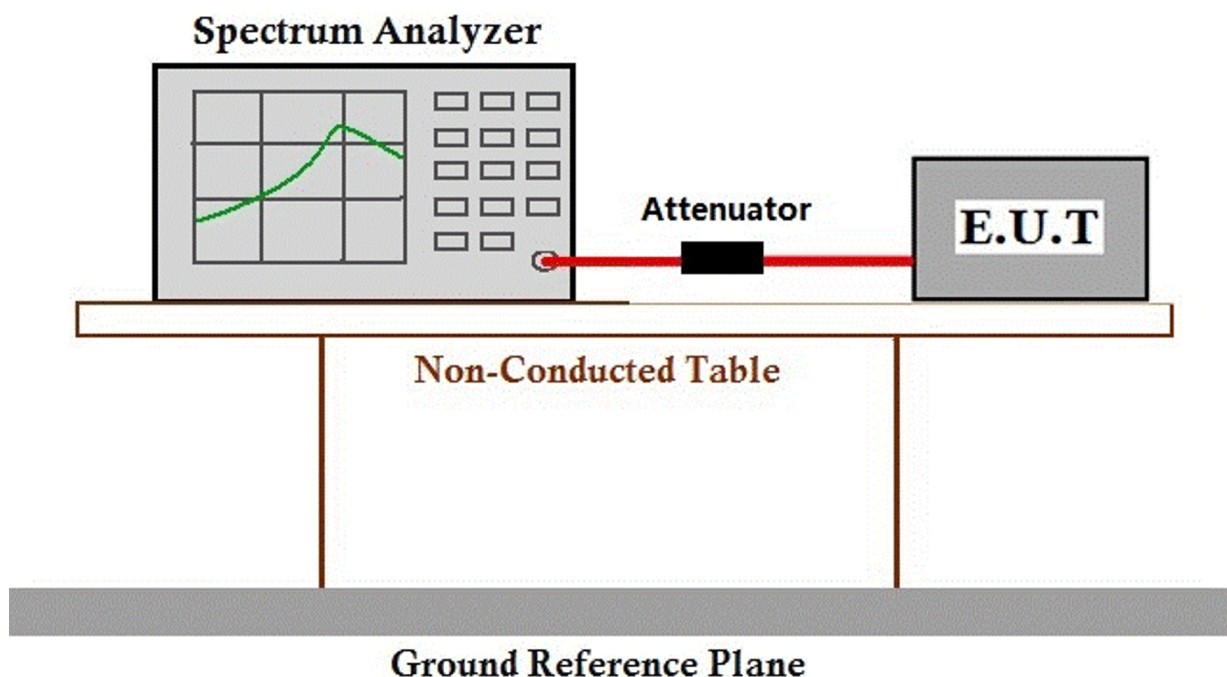
7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 25.5 °C Humidity: 62.5 % RH Atmospheric Pressure: 1020 mbar

Test mode: d:TX mode_Keep the EUT in continuously transmitting mode.

7.2.2 Test Setup Diagram



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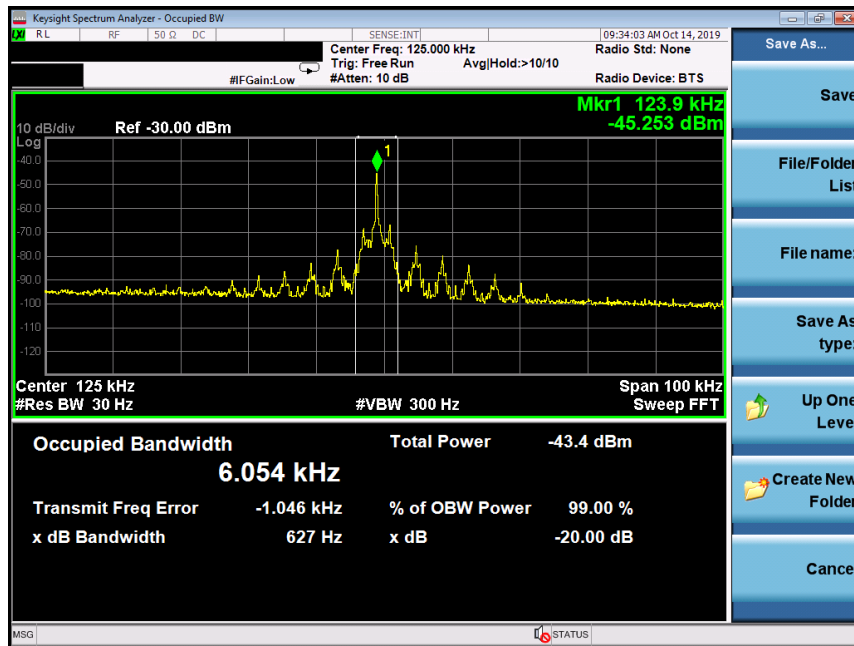
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7.2.3 Measurement Procedure and Data

Frequency	20dB Bandwidth	Limit	Verdict
125kHz	627Hz	/	PASS



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7.3 Radiated Emissions (9kHz-30MHz)

Test Requirement: 47 CFR Part 15, Subpart C 15.209
 Test Method: ANSI C63.10 (2013) Section 6.4&6.5
 Measurement Distance: 10m
 Limit:

Frequency (MHz)	Field strength			Limit @10m (dBμV/m)
	μV/m	dBμV/m	Distance (m)	
0.009-0.490	2400/F(kHz)	20lg (2400/F(kHz))	300	20lg (2400/F(kHz)) +40lg (300/10)
0.490-1.705	24000/F(kHz)	20lg (24000/F(kHz))	30	20lg (24000/F(kHz)) +40lg (30/10)
1.705-30.0	30	20lg (30)	30	20lg (30) +40lg (30/10)
30-88	100**	20lg (100)	3	/
88-216	150**	20lg (150)	3	/
216-960	200**	20lg (200)	3	/
Above 960	500	20lg (500)	3	/

Remark:

** : Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., section 15.231 and 15.241.



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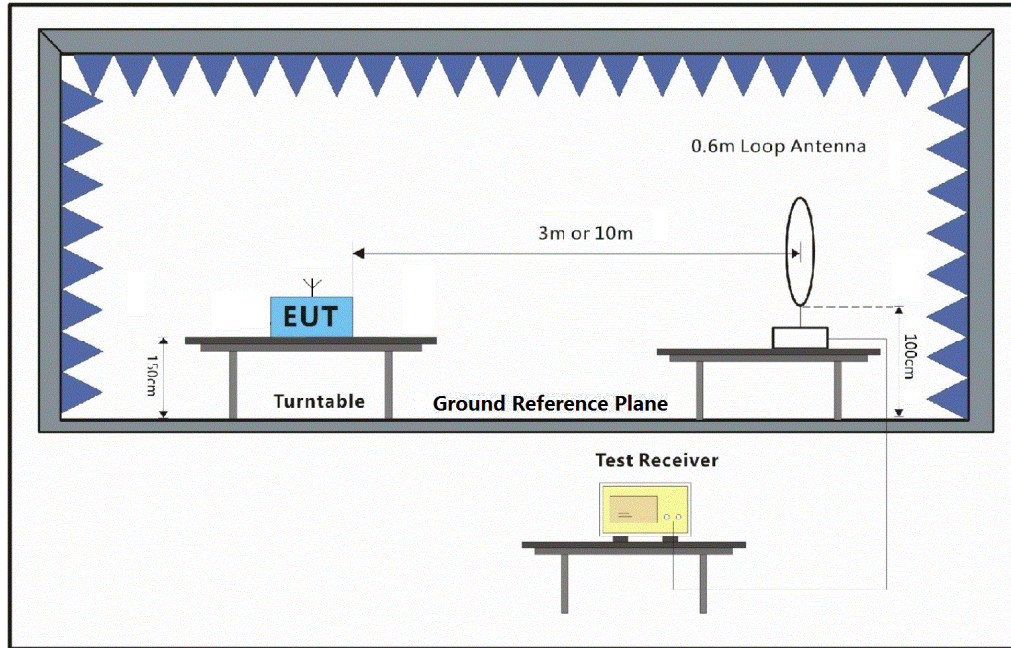
7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C Humidity: 55.6 % RH Atmospheric Pressure: 1020 mbar

Test mode d:TX mode_Keep the EUT in continuously transmitting mode.

7.3.2 Test Setup Diagram



7.3.3 Measurement Procedure and Data

For testing performed with the loop antenna, the center of the loop was positioned 1 m above the ground and positioned with its plane vertical at the specified distance from the EUT. During testing the loop was rotated about its vertical axis for maximum response at each azimuth and also investigated with the loop positioned in the horizontal plane. Only the worst position of vertical was shown in the report.

Measured Level $I = \text{Read Level} + \text{Antenna Factor} + \text{Cable Loss} - \text{Preamp Factor}$

Frequency (MHz)	Polarization	Emission Level (dB μ V/m)	Limit (dB μ V/m)	Over Limit (dB)	Remark	Verdict
0.02704	Vertical	60.29	98.05	-37.76	AV	PASS
0.06324	Vertical	55.54	90.67	-35.13	AV	PASS
0.12458**	Vertical	65.61	84.78	-19.17	AV	PASS
0.24422	Vertical	46.87	78.93	-32.06	AV	PASS
0.57923	Vertical	38.34	51.43	-13.09	QP	PASS
1.858	Vertical	35.36	48.63	-13.27	QP	PASS
0.04512	Horizontal	55.54	93.60	-38.06	AV	PASS
0.08123	Horizontal	51.19	88.49	-37.30	AV	PASS
0.12389**	Horizontal	61.03	84.83	-23.80	AV	PASS
0.39344	Horizontal	42.9	74.79	-31.89	AV	PASS
1.939	Horizontal	36.92	48.63	-11.71	QP	PASS
11.559	Horizontal	24.93	48.63	-23.70	QP	PASS

Remark:

**: This is the fundamental signal.



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7.4 Radiated Emissions (30MHz-1GHz)

Test Requirement

47 CFR Part 15, Subpart C 15.209

Test Method:

ANSI C63.10 (2013) Section 6.4&6.5

Measurement Distance:

3m

Limit:

Refer to section 7.3

Frequency (MHz)	Field strength		
	$\mu\text{V/m}$	$\text{dB}\mu\text{V/m}$	Distance (m)
0.009-0.490	2400/F(kHz)	20lg (2400/F(kHz))	300
0.490-1.705	24000/F(kHz)	20lg (24000/F(kHz))	30
1.705-30.0	30	20lg (30)	30
30-88	100**	20lg (100)	3
88-216	150**	20lg (150)	3
216-960	200**	20lg (200)	3
Above 960	500	20lg (500)	3

Remark:
 **: Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., section 15.231 and 15.241.

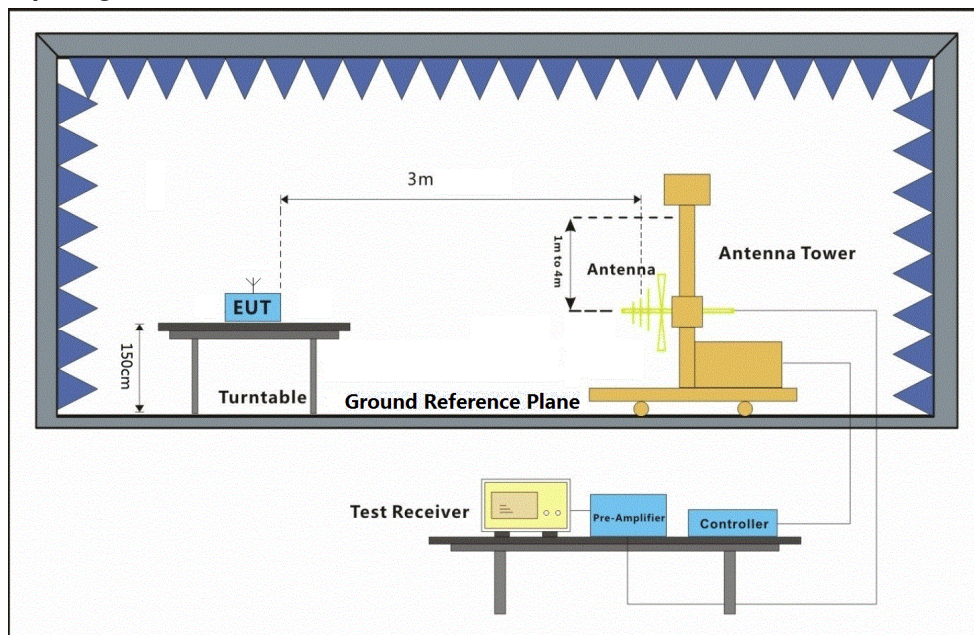
7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 23.5 °C Humidity: 55.1 % RH Atmospheric Pressure: 1020 mbar

Test mode d:TX mode_Keep the EUT in continuously transmitting mode.

7.4.2 Test Setup Diagram



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7.4.3 Measurement Procedure and Data

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground for below 1GHz at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 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, quasi-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 worse case.
- i. Repeat above procedures until all frequencies measured was complete.

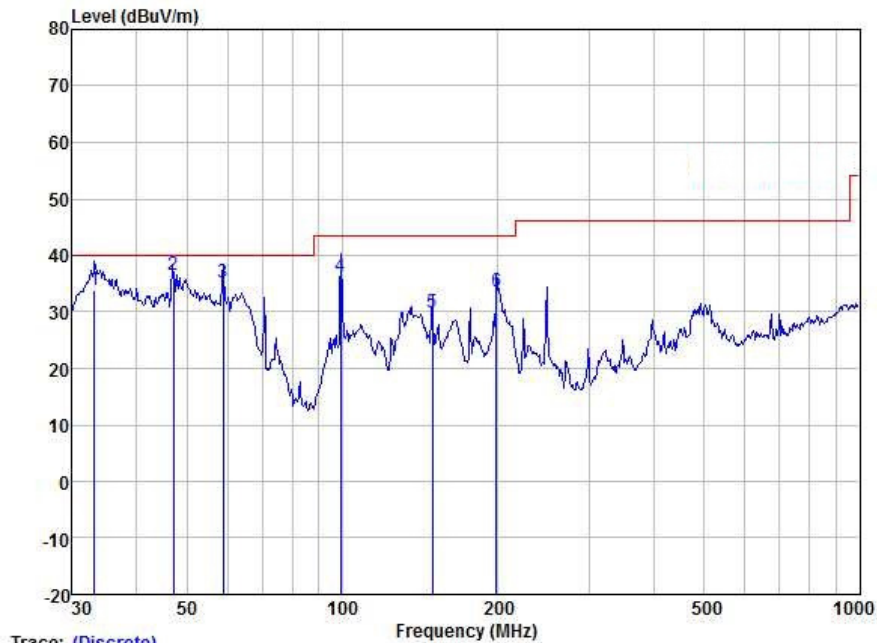
Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor



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Mode:d; Polarization:Vertical



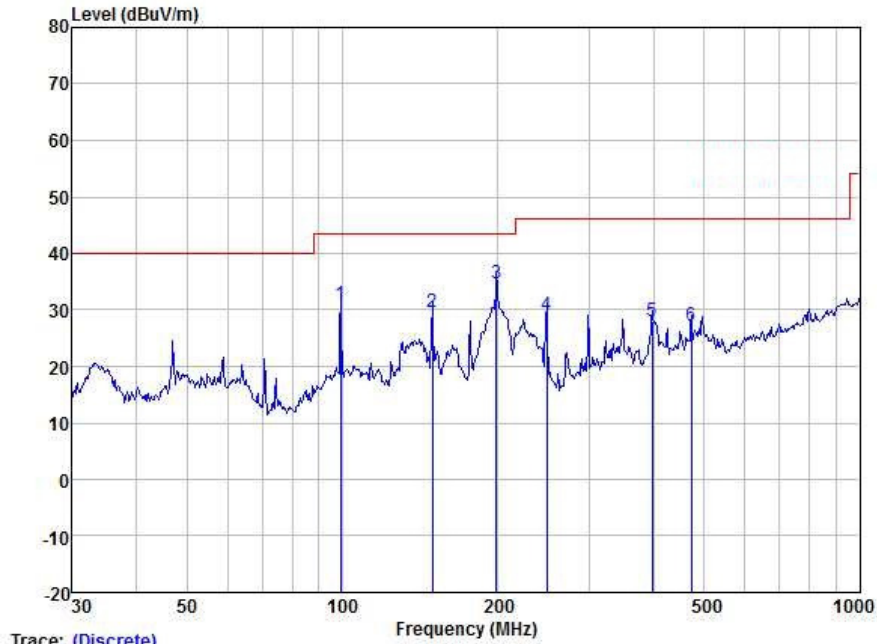
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	33.095	47.24	12.76	1.04	27.19	33.85	40.00	-6.15	VERTICAL QP
2	47.035	48.53	13.95	1.19	27.17	36.50	40.00	-3.50	VERTICAL QP
3	58.826	47.48	13.52	1.32	27.16	35.16	40.00	-4.84	VERTICAL QP
4	99.180	52.64	9.00	1.64	27.10	36.18	43.50	-7.32	VERTICAL QP
5	148.963	40.99	13.75	2.05	26.89	29.90	43.50	-13.60	VERTICAL QP
6	198.588	47.64	10.33	2.50	26.79	33.68	43.50	-9.82	VERTICAL QP



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Mode:d; Polarization:Horizontal



	Freq	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	99.180	47.36	9.00	1.64	27.10	30.90	43.50	-12.60	HORIZONTAL	QP
2	148.963	40.64	13.75	2.05	26.89	29.55	43.50	-13.95	HORIZONTAL	QP
3	198.588	48.59	10.33	2.50	26.79	34.63	43.50	-8.87	HORIZONTAL	QP
4	248.552	41.27	12.07	2.69	26.93	29.10	46.00	-16.90	HORIZONTAL	QP
5	397.633	36.22	15.65	3.93	27.90	27.90	46.00	-18.10	HORIZONTAL	QP
6	472.176	33.52	17.50	4.13	28.02	27.13	46.00	-18.87	HORIZONTAL	QP

--End of Report--



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