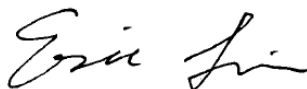


TEST REPORT

Application No.: KSCR2208001592AT
FCC ID: 2AVK2AT10L4LDB-3007
Applicant: Airtouch (Shanghai) Intelligent Technology Co., Ltd
Address of Applicant: 11th Floor, Building 4, Lane 388, Shengrong Road, Pudong New District, Shanghai, China
Manufacturer: Airtouch (Shanghai) Intelligent Technology Co., Ltd
Address of Manufacturer: 11th Floor, Building 4, Lane 388, Shengrong Road, Pudong New District, Shanghai, China
Equipment Under Test (EUT):
EUT Name: Millimeter wave radar module
Model No.: AT10L4LDB-3007
Standard(s) : 47 CFR Part 15, Subpart C 15.245
Date of Receipt: 2022-08-31
Date of Test: 2022-09-02 to 2022-09-25
Date of Issue: 2022-09-28

Test Result:	Pass*
---------------------	--------------

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



Eric Lin
Laboratory Manager



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Revision Record			
Version	Description	Date	Remark
00	Original	2022-09-28	/

Authorized for issue by:			
		<i>Eric Liu</i>	
		Eric_Liu/Project Engineer	
		<i>Eric Lin</i>	
		Eric Lin /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 15.245	N/A	47 CFR Part 15, Subpart C 15.203	Pass

N/A: Not applicable

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
20dB Emission bandwidth	47 CFR Part 15, Subpart C 15.245	ANSI C63.10 (2013) Section 6.9	47 CFR Part 15, Subpart C 15.215	Pass
Filed strength of fundamental	47 CFR Part 15, Subpart C 15.245	ANSI C63.10 (2013) Section 6.6	47 CFR Part 15, Subpart C 15.245	Pass
Radiation Spurious Emission	47 CFR Part 15, Subpart C 15.245	ANSI C63.10 (2013) Section 9.12/9.13	47 CFR Part 15, Subpart C 15.245	Pass
Radiated Emissions which fall in the restricted bands	47 CFR Part 15, Subpart C 15.245	ANSI C63.10 (2013) Section 6.10	47 CFR Part 15, Subpart C 15.205 & 15.209	PASS



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4 General Information

4.1 Details of E.U.T.

Power supply:	DC 3.5V - DC 12V
Test voltage:	DC 5V
Number of Channels:	1
Frequency:	10.5-10.55GHz
Modulation Technique:	CW
Antenna Type:	Patch Antenna
Output Power:	Peak: 98.83dBuV/m @3m

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
DC Power	GOODWE	--	--



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4.3 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	8.4 x 10 ⁻⁸
2	Timeout	2s
3	Duty Cycle	0.37%
4	Occupied Bandwidth	3%
5	RF Conducted Power	0.6dB
6	RF Power Density	2.9dB
7	Conducted Spurious Emissions	0.75dB
8	RF Radiated Power	5.2dB (Below 1GHz)
		5.9dB (Above 1GHz)
9	Radiated Spurious Emission Test	4.2dB (Below 30MHz)
		4.5dB (30MHz-1GHz)
		5.1dB (1GHz-18GHz)
		5.4dB (Above 18GHz)
10	Temperature Test	1°C
11	Humidity Test	3%
12	Supply Voltages	1.5%
13	Time	3%

Note: 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:

Compliance Certification Services (Kunshan) Inc.

No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

Tel: +86 512 5735 5888

Fax: +86 512 5737 0818

No tests were sub-contracted.

Note:

1. SGS is not responsible for wrong test results due to incorrect information (e.g., max. internal working frequency, antenna gain, cable loss, etc) is provided by the applicant. (If applicable).
2. SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (If applicable).

4.5 Test Facility

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

• CNAS

Compliance Certification Services (Kunshan) Inc. is accredited by the China National Accreditation Service for Conformity Assessment (CNAS). Registration No. CNAS L4354

• A2LA

Compliance Certification Services (Kunshan) Inc. is accredited by the American Association for Laboratory Accreditation (A2LA). Certificate No. 2541.01.

• FCC

Compliance Certification Services (Kunshan) Inc. has been recognized as an accredited testing laboratory. Designation Number: CN1172.

• ISED

Compliance Certification Services (Kunshan) Inc. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory. Company Number: 2324E

• VCCI

The 3m and 10m Semi-anechoic chamber and Shielded Room of Compliance Certification Services (Kunshan) Inc. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-20134, R-11600, C-11707, T-11499, G-10216 respectively.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



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5 Equipment List

Item	Equipment	Manufacturer	Model	Inventory No	Cal Date	Cal. Due Date
RF Radiated Test						
1	Spectrum Analyzer	R&S	FSV40	KUS1806E003	08/22/2022	08/21/2023
2	Universal Radio Communication Tester	R&S	CMW500	KSEM009-1	04/01/2022	03/31/2023
3	Signal Generator	Agilent	E8257C	KS301066	08/22/2022	08/21/2023
4	Loop Antenna	COM-POWER	AL-130R	KUS1806E001	04/13/2021	04/12/2023
5	Bilog Antenna	TESEQ	CBL 6112D	KUS1806E005	06/29/2021	06/28/2023
6	Bilog Antenna	SCHWARZBECK	VULB9160	CZ301016	04/13/2021	04/12/2024
7	Horn-antenna(1-18GHz)	Schwarzbeck	BBHA9120D	KS301079	04/02/2022	04/01/2024
8	Horn-antenna(1-18GHz)	ETS-LINDGREN	3117	KS301186	02/22/2021	02/21/2023
9	Horn Antenna(18-40GHz)	Schwarzbeck	BBHA9170	CZ301058	03/17/2022	03/16/2023
10	Amplifier(30MHz~18GHz)	PANSHAN TECHNOLOGY	LNA:1~18G	KSEM010-1	01/22/2022	01/21/2023
11	Amplifier(18~40GHz)	COM-POWER	PAM-840A	KUS1710E001	01/22/2022	01/21/2023
12	RE Test Cable	REBES MICROWAVE	/	CZ301097	11/14/2021	11/13/2022
13	Temperature & Humidity Recorder	Renke Control	RS-WS-N01-6J	KSEM024-4	01/04/2022	31/03/2023
14	Software	Faratronic	EZ EMC-v 3A1	/	N/A	N/A
15	Horn-antenna(40-60GHz)	REBES	SAZ-2410-19-S1	06299-01	N/A	N/A
16	Horn-antenna(50-75GHz)	REBES	SAZ-2410-15-S1	01731-01	N/A	N/A
17	Horn-antenna(75-110GHz)	REBES	SAZ-2410-10-S1	01773-09	N/A	N/A
18	Extended waveguide(40-60GHz)	REBES	SWG-19025-FB	06303-01	N/A	N/A
19	Extended waveguide(50-75GHz)	REBES	SWG-15025-FB	01525-09	N/A	N/A
20	Extended waveguide(75-110GHz)	REBES	SWG-10025-FB	01509-01	N/A	N/A
21	Extended waveguide(110-170GHz)	REBES	SWG-06025-FB	06302-01	N/A	N/A
22	Extended waveguide(140-220GHz)	REBES	SWG-05025-FB	06304-01	N/A	N/A
23	Extended waveguide(220-325GHz)	REBES	SWG-03025-FB	06301-01	N/A	N/A
24	Harmonic mixer(110-170GHz)	REBES	STH-06SF-S1	06110-01	N/A	N/A
25	Harmonic mixer(40-60GHz)	REBES	STH-19SF-S1	06937-01	N/A	N/A
26	Waveguide Harmonic Mixer(50-75GHz)	KEYSIGHT	M1970V	MY51390966	N/A	N/A
27	Waveguide Harmonic Mixer(50-75GHz) cable	Silverline	SLU18-SMSM-01.00M	99612	N/A	N/A
28	Waveguide Harmonic Mixer(75-110GHz)	KEYSIGHT	M1970W	MY51430883	N/A	N/A
29	Waveguide Harmonic Mixer(75-110GHz) cable	Silverline	SLU18-SMSM-01.00M	94202	N/A	N/A
30	Waveguide Harmonic Mixer(140-220GHz)	REBES	HM 140-220	0220-210-002-3D	N/A	N/A
31	Waveguide Harmonic	REBES	HM 220-325	0325-210-002-	N/A	N/A



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Report No.: KSCR220800159201

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	Mixer(220-325GHz)			2F		
33	Low Pass Filter	MICRO-TRONICS	VLFX-950	RV142900829	N.C.R	N.C.R
34	High Pass Filter	Mini-Circuits	VHF-1200	15542	N.C.R	N.C.R
36	Software	Faratronic	EZ_EM C-v 3A1	N/A	N/A	N/A
37	PXA Spectrum Analyzer	KEYSIGHT	N9030B	KSEM021-1	01/30/2022	01/29/2023

Note: N.C.R means Not Calibration Requirements.



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6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

FCC 47 CFR Part 15C Section 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 Patch Antenna and no consideration of replacement.

Antenna location: Refer to EUT Photos.



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7 Radio Spectrum Matter Test Results

7.1 20dB Bandwidth

Test Requirement 47 CFR Part 15, Subpart C 15.215

Test Method: ANSI C63.10 (2013) Section 9.4

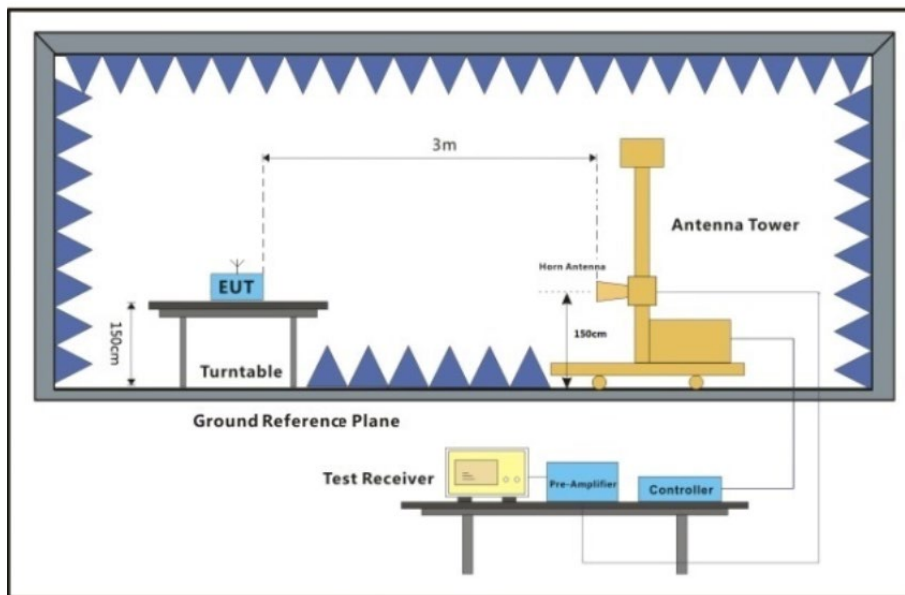
7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1002 mbar

Test Mode: a: TX mode _ Keep the EUT in continuously transmitting mode.

7.1.2 Test Setup Diagram



7.1.3 Measurement Procedure and Data

- 1) Place the EUT on the table and set it in the transmitting mode
- 2) SA set RBW=1%~5% OBW, VBW=RBW and Detector=Peak
- 3) Measure and record the result of 20dB bandwidth



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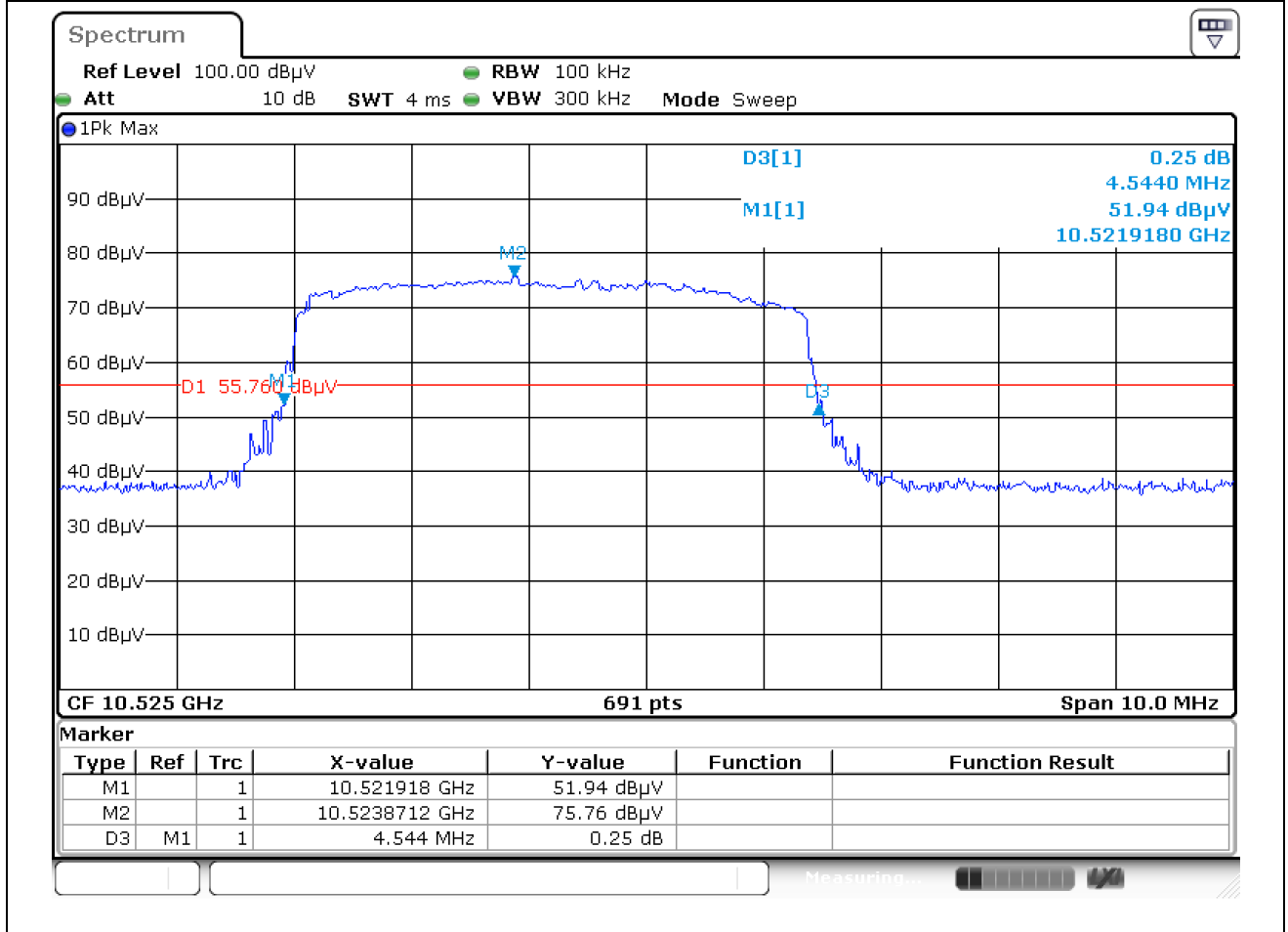
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Low Frequency (GHz)	Limit (GHz)	High Frequency (GHz)	Limit (GHz)	20db Bandwidth(MHz)	Result
10.521918	10.5	10.526462	10.550	4.544	Pass



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7.2 Filed Strength of Fundamental and Radiation Spurious Emission

Test Requirement 47 CFR Part 15, Subpart C 15.245
 Test Method: ANSI C63.10 (2013) Section 9.10
 Limit:

FCC according to §15.245(b).

- (1) The field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Fundamental frequency (MHz)	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (millivolts/meter)
902-928	500	1.6
2435-2465	500	1.6
5785-5815	500	1.6
10500-10550	2500	25.0
24075-24175	2500	25.0

* Field strength limits are specified at a distance of 3 meters.

Fundamental Limit Conversion		
Average (mV/m) at 3M	Average (dBuV/m) at 3M	Peak (dBuV/m) at 3M
2500	127.9588	147.9588



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(2) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209(follow the table), whichever is the lesser attenuation.

Below 30MHz

Frequency	Field Strength (µA/m)	Magnetic field strength (H-Field) (µA/m)	Measurement Distance (metres)
9-490 kHz	2,400/F (F in kHz)	2,400/F (F in kHz)	300
490-1,705 kHz	24,000/F (F in kHz)	24,000/F (F in kHz)	30
1.705-30 MHz	30	N/A	30

Above 30MHz

Frequency (MHz)	Field Strength microvolts/m at 3 metres (watts, e.i.r.p.)	
	Transmitters	Receivers
30-88	100 (3 nW)	100 (3 nW)
88-216	150 (6.8 nW)	150 (6.8 nW)
216-960	200 (12 nW)	200 (12 nW)
Above 960	500 (75 nW)	500 (75 nW)

Frequency	Field Strength microvolts/m at specific distance	
	Transmitters	Receivers
18-40GHz	63.5dBuV/m@1m	63.5dBuV/m@1m
Above 40GHz	80.00dBuV/m @0.15m	80.00dBuV/m @0.15m

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1002 mbar

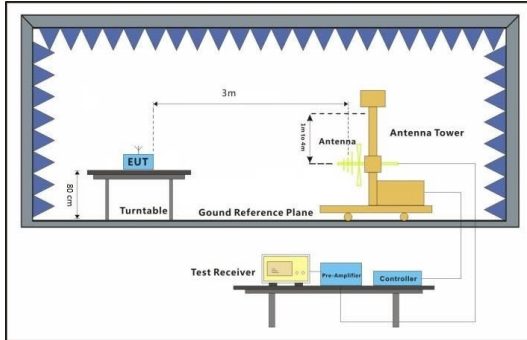
Test Mode: a: TX mode _ Keep the EUT in continuously transmitting mode.



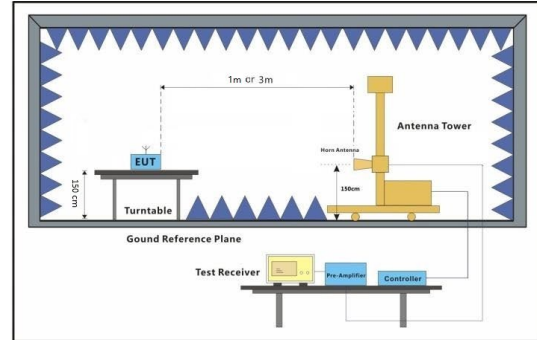
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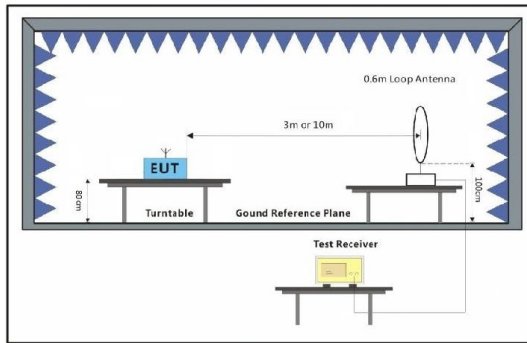
7.2.2 Test Setup Diagram



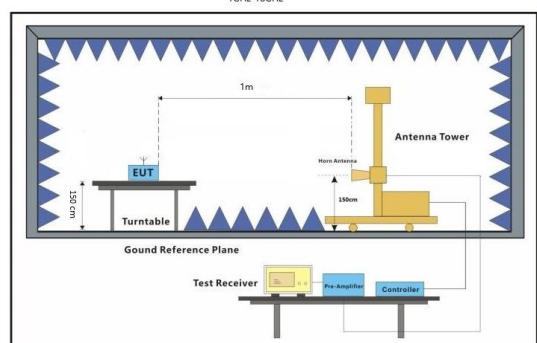
30MHz-1GHz



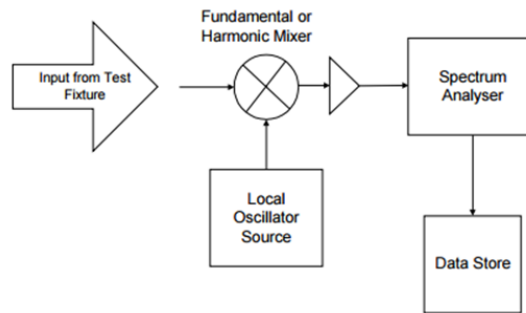
1GHz-18GHz



Below 30MHz



18GHz-40GHz



Above 40GHz



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7.2.3 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 1-18GHz, 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. For 18-40GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 1 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- d. For above 40GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 0.15 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation
- e. 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.
- f. 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.
- g. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- h. 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.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.



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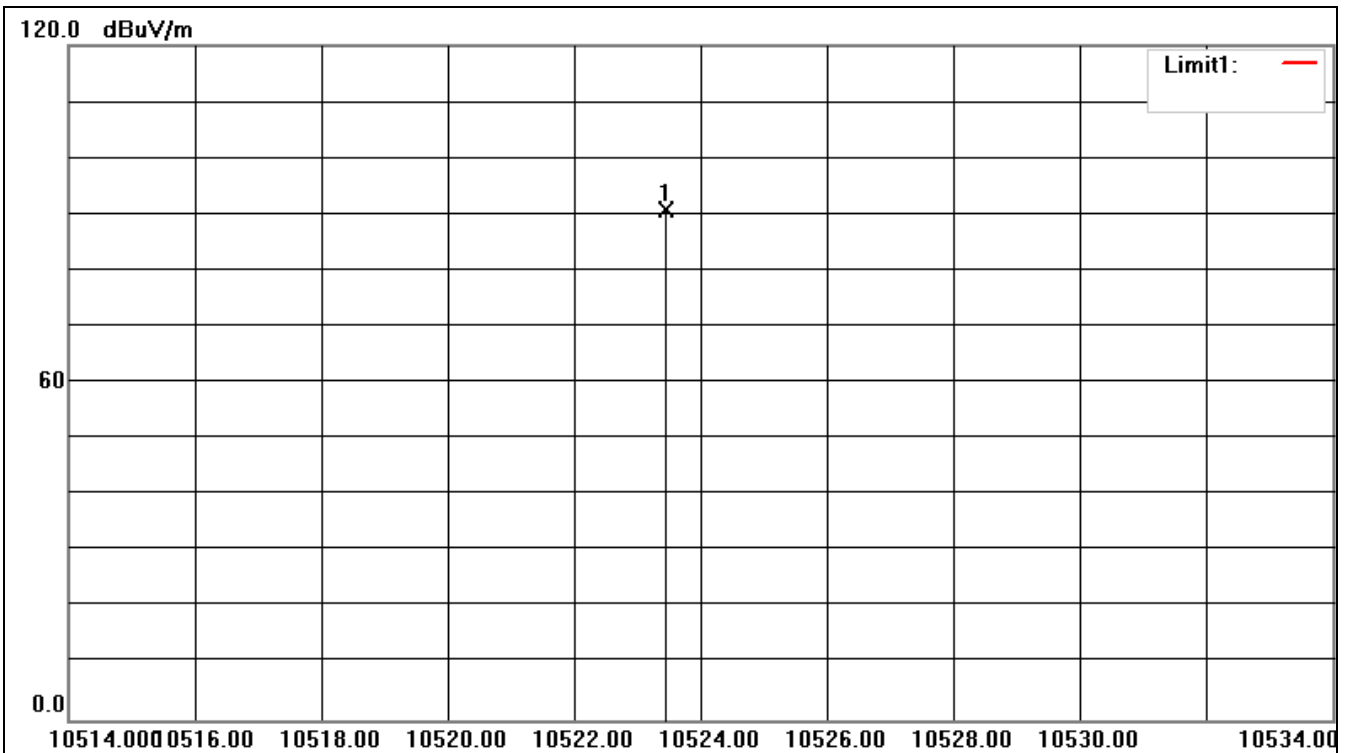
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Filed Strength of Fundamental

Frequency (GHz)	Distance(m)	Polarity	dBuV/m	Limit	Result	Remark
10.523	3	Horizontal	90.71	147.9588	Pass	PK
10.523	3	Vertical	98.83	147.9588	Pass	PK
10.524	3	Horizontal	88.74	127.9588	Pass	AV
10.524	3	Vertical	91.01	127.9588	Pass	AV

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10523.460	89.11	1.60	90.71	147.9588	-57.25	peak

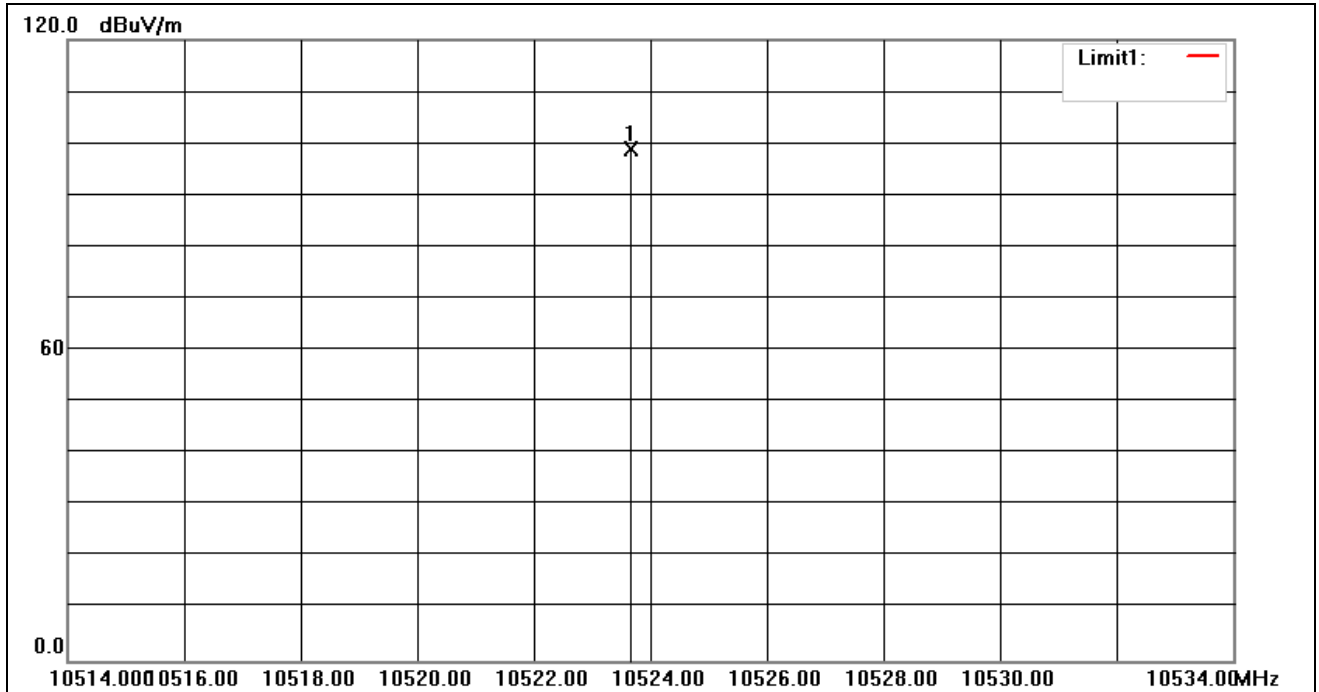


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Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10523.660	97.23	1.60	98.83	147.9588	-49.13	peak



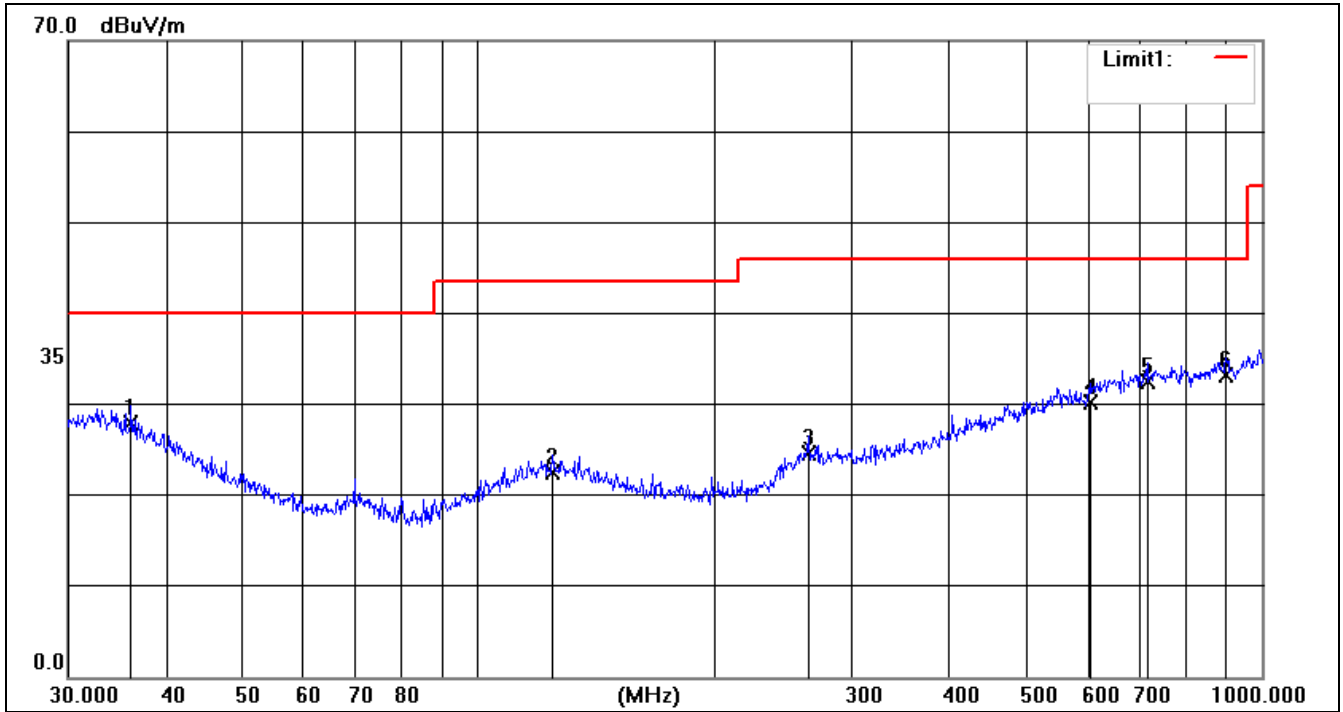
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Radiation Spurious Emission 30MHz-1GHz Horizontal



No.	Frequency (MHz)	Reading (dBUV)	Correct Factor(dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	36.1272	3.82	24.03	27.85	40.00	-12.15	QP
2	124.5690	3.00	19.45	22.45	43.50	-21.05	QP
3	263.8190	3.52	21.02	24.54	46.00	-21.46	QP
4	605.6592	3.15	27.07	30.22	46.00	-15.78	QP
5	714.1734	30.04	2.45	32.49	46.00	-13.51	QP
6	900.1473	30.63	2.45	33.08	46.00	-12.92	QP

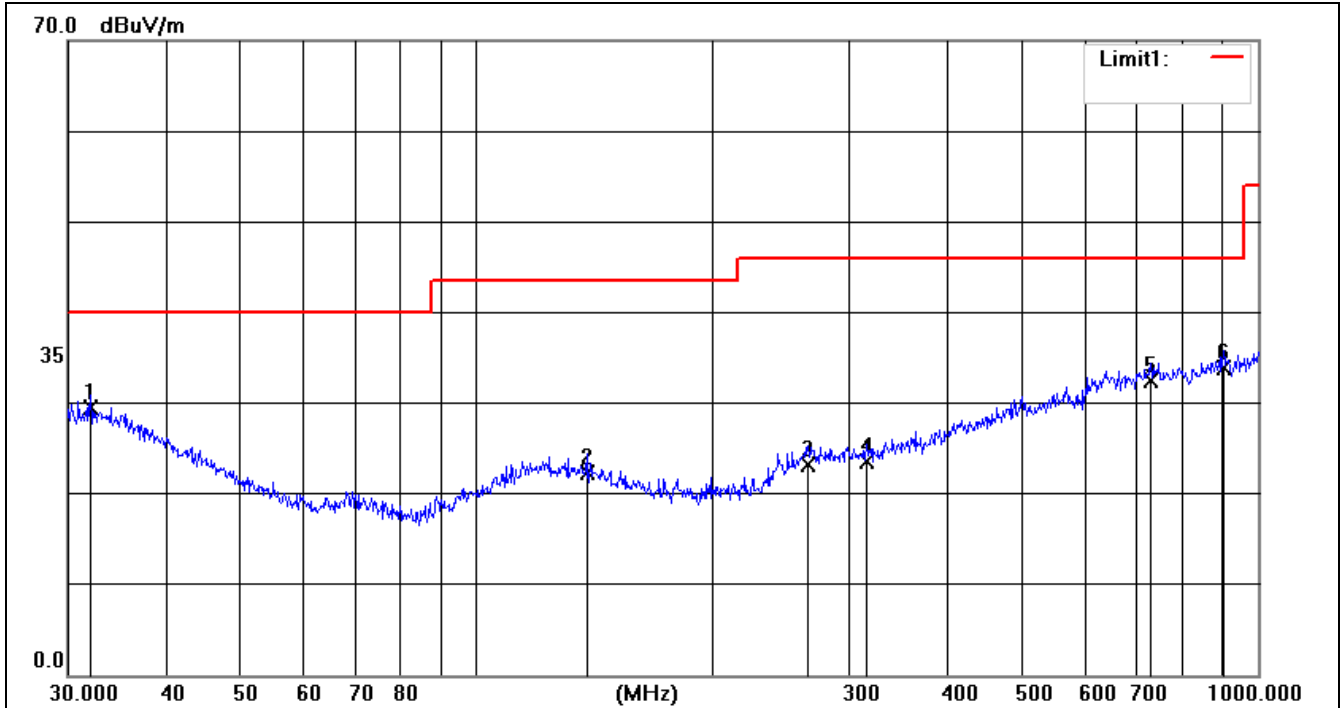


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30MHz-1GHz Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	32.0668	4.38	25.15	29.53	40.00	-10.47	QP
2	138.3873	3.62	18.75	22.37	43.50	-21.13	QP
3	265.6757	2.32	20.92	23.24	46.00	-22.76	QP
4	315.4807	2.46	21.01	23.47	46.00	-22.53	QP
5	729.3582	30.04	2.41	32.45	46.00	-13.55	QP
6	903.3093	31.38	2.46	33.84	46.00	-12.16	QP

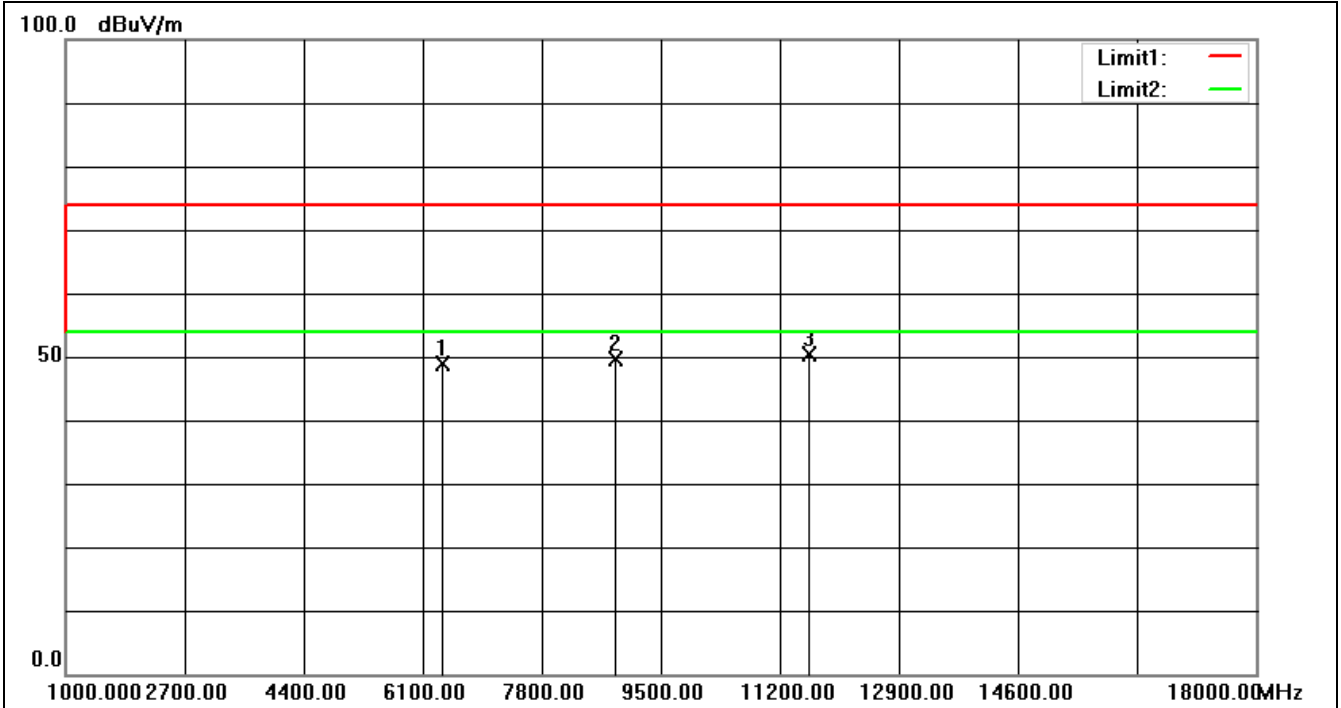


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1-18GHz Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6389.000	55.62	-6.79	48.83	74.00	-25.17	peak
2	8854.000	50.52	-0.93	49.59	74.00	-24.41	peak
3	11608.000	48.31	2.10	50.41	74.00	-23.59	peak



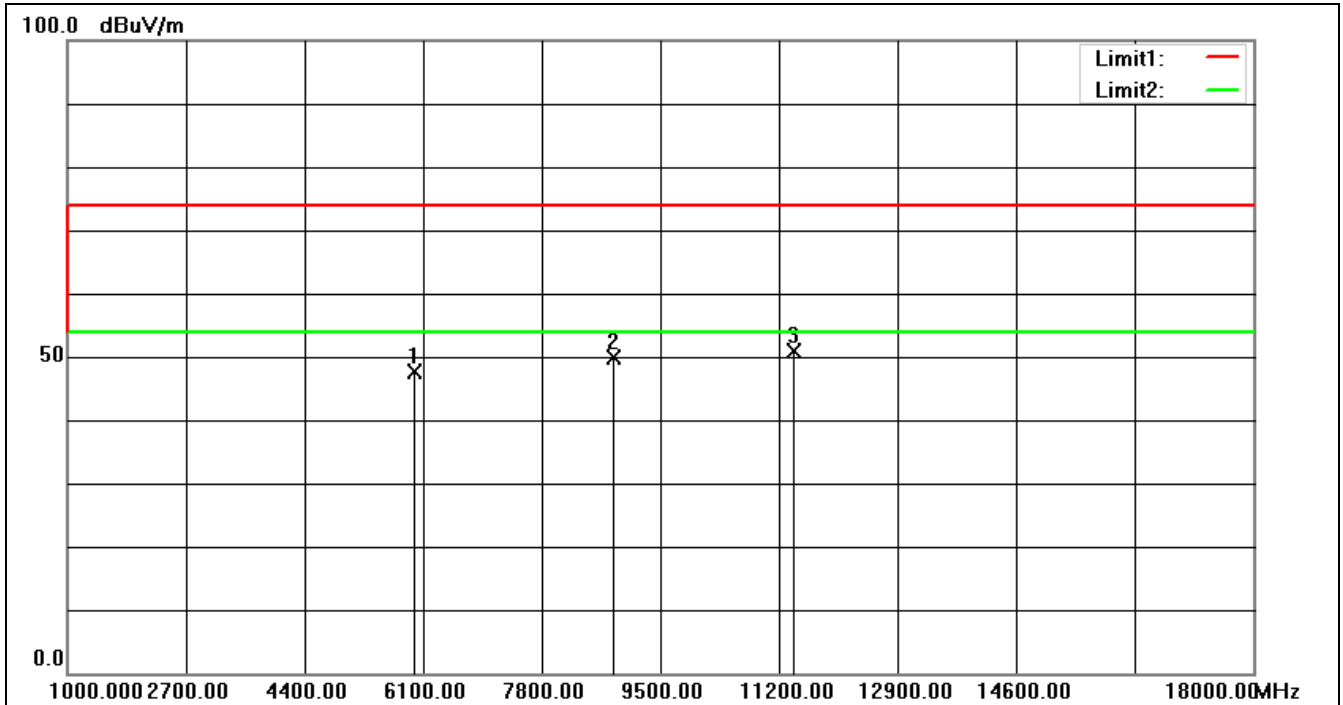
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1-18GHz Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5981.000	55.49	-7.88	47.61	74.00	-26.39	peak
2	8837.000	50.91	-0.93	49.98	74.00	-24.02	peak
3	11404.000	48.89	2.01	50.90	74.00	-23.10	peak



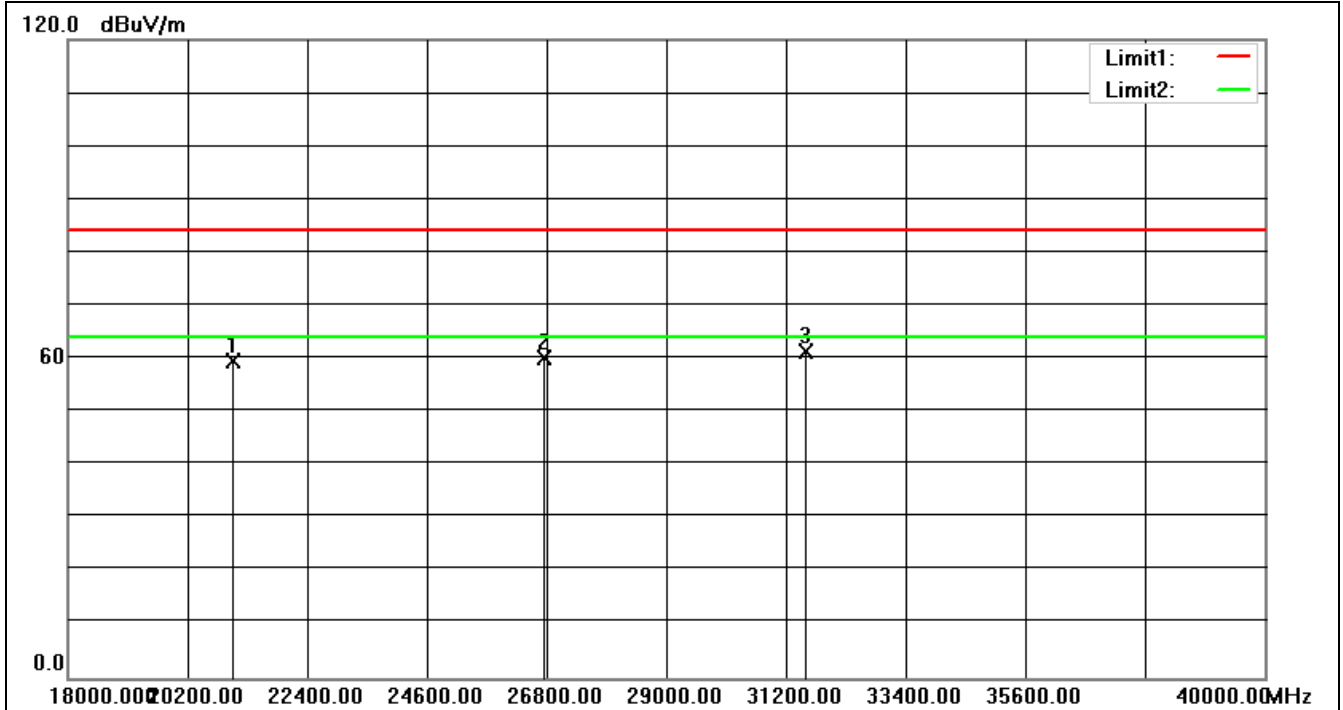
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18-40GHz Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	21048.000	47.28	12.40	59.68	83.50	-23.82	peak
2	26764.000	44.17	16.09	60.26	83.50	-23.24	peak
3	31572.000	46.38	15.09	61.47	83.50	-22.03	peak

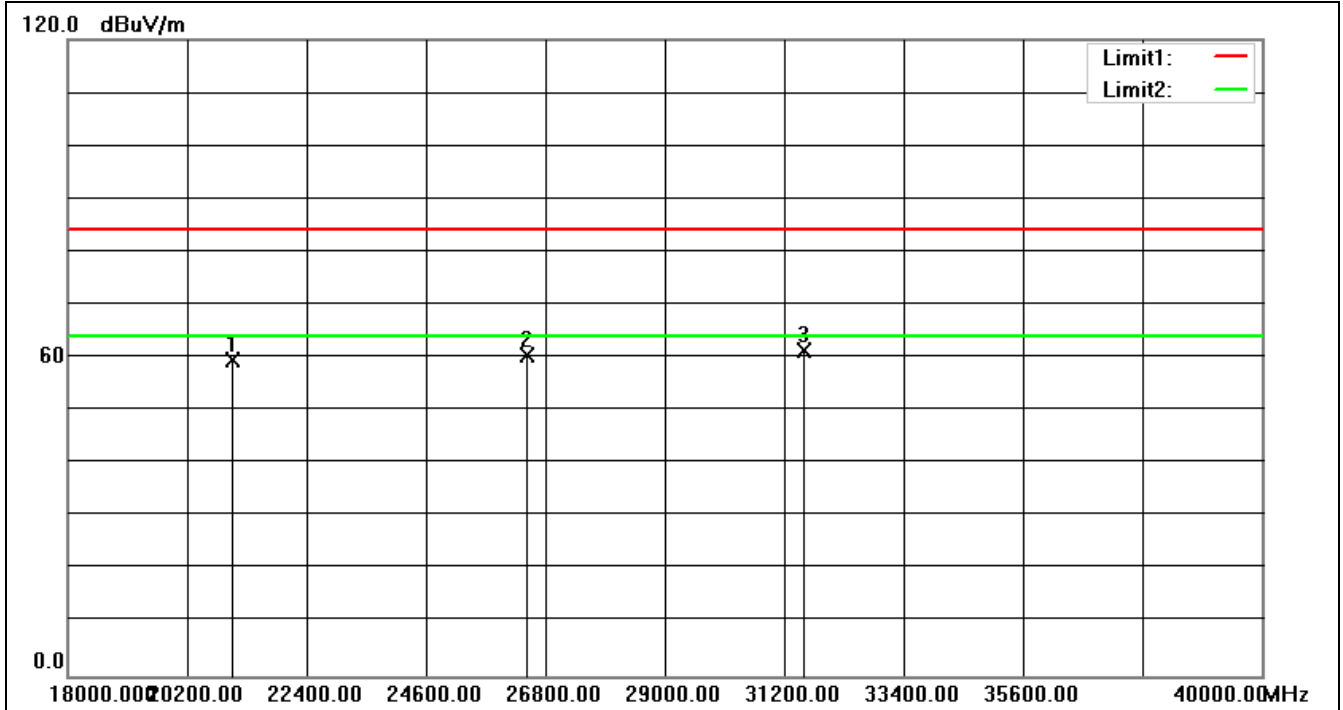


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18-40GHz Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	21048.000	47.12	12.40	59.52	83.50	-23.98	peak
2	26464.000	44.54	15.81	60.35	83.50	-23.15	peak
3	31572.000	46.35	15.09	61.44	83.50	-22.06	peak



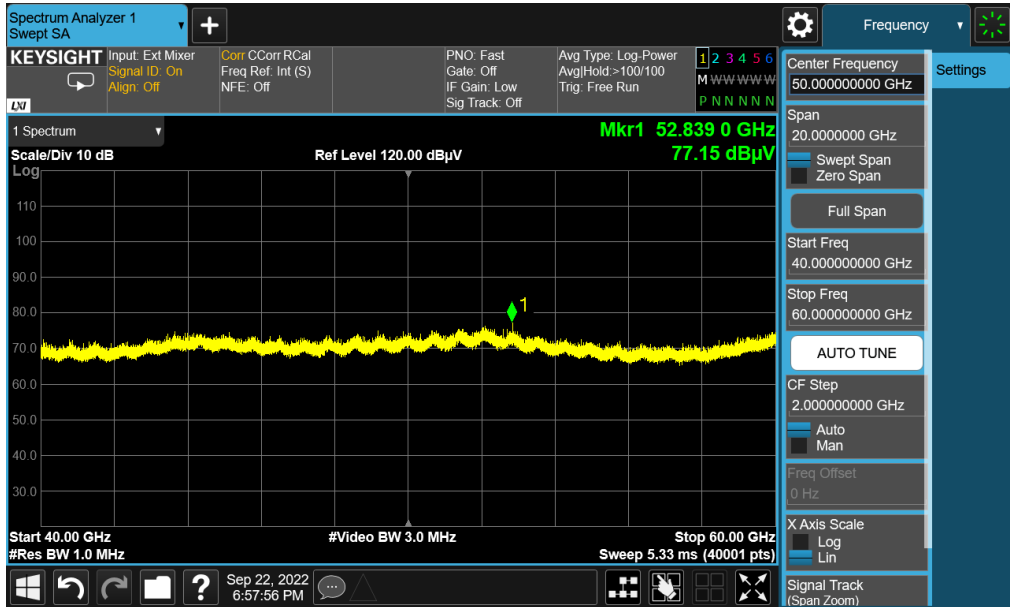
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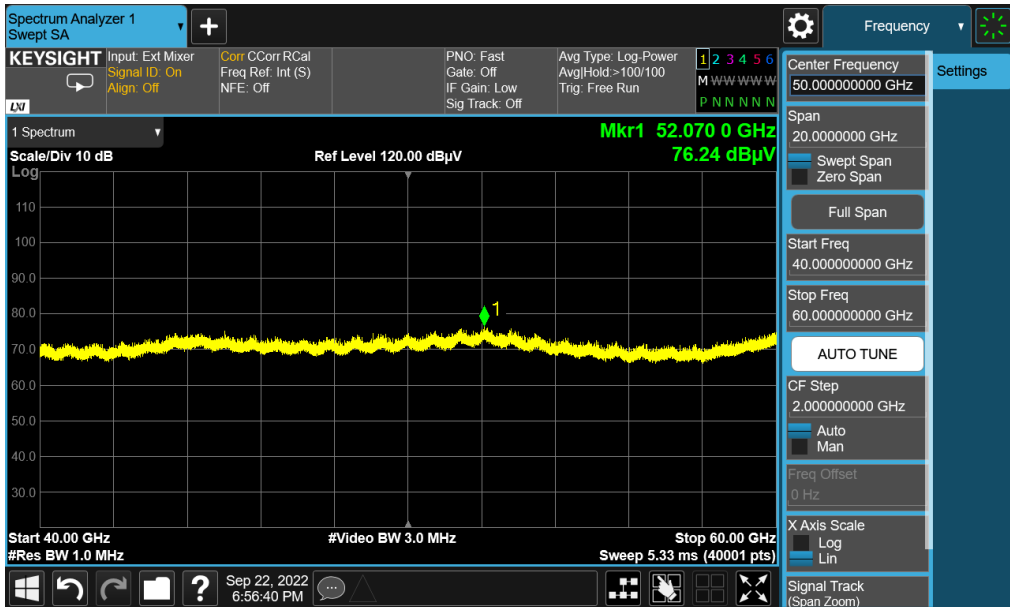
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40-60GHz Horizontal



40-60GHz Vertical



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Report No.: KSCR220800159201

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Frequency (GHz)	Distance (M)	Peak Value (dBuv/m)	AV Limit (dBuv/m)	Polarization	Result
52.839	0.15	77.15	80.00	H	PASS
52.070	0.15	76.24	80.00	V	PASS



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EMC Laboratory

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7.3 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.245

Test Method: ANSI C63.10 (2013) Section 9.11

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

1. Regardless of the limits shown in the above table, harmonic emissions in the restricted bands below 17.7 GHz, as specified in §15.205, shall not exceed the field strength limits shown in §15.209

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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.

7.3.1 E.U.T. Operation

Operating Environment:

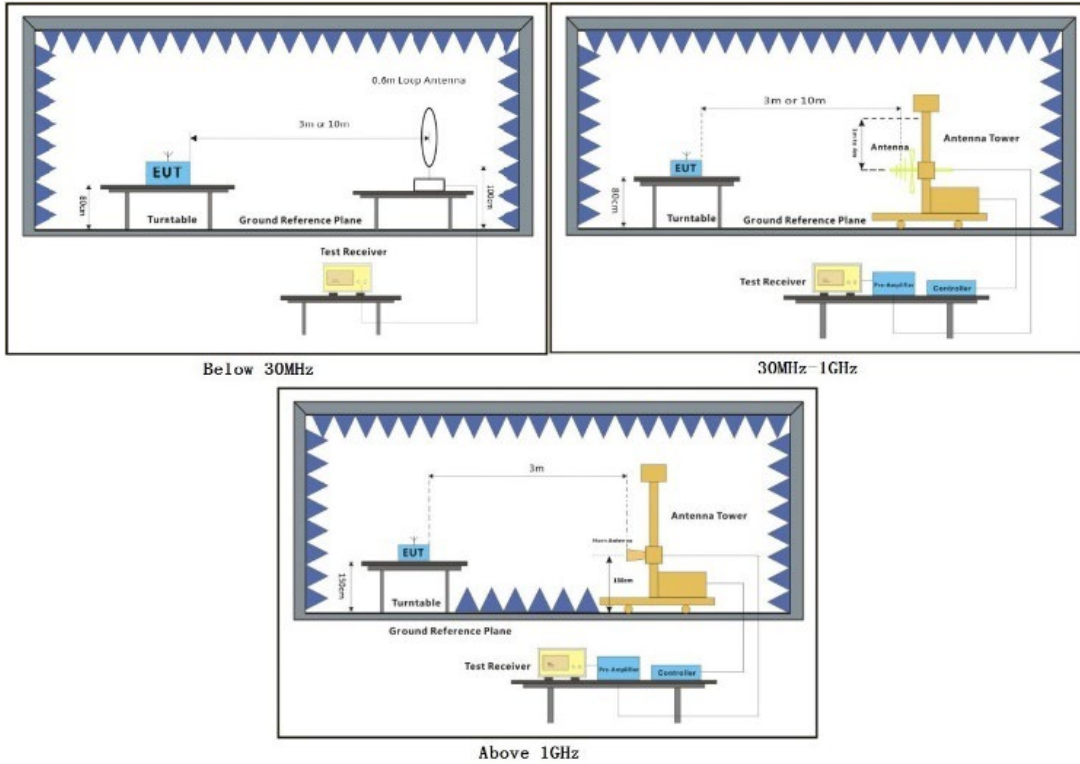
Temperature: 22.2 °C Humidity: 58.5 % RH Atmospheric Pressure: 1010 mbar



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7.3.2 Test Setup Diagram



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

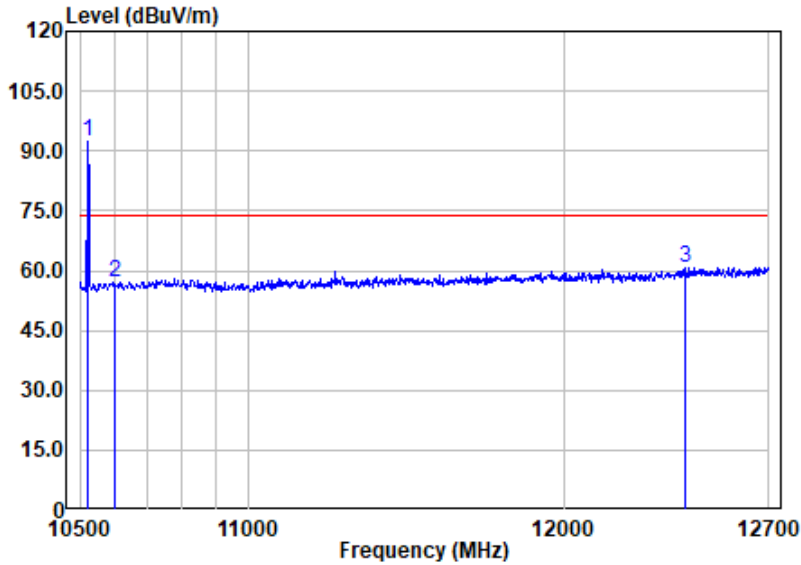


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Horizontal



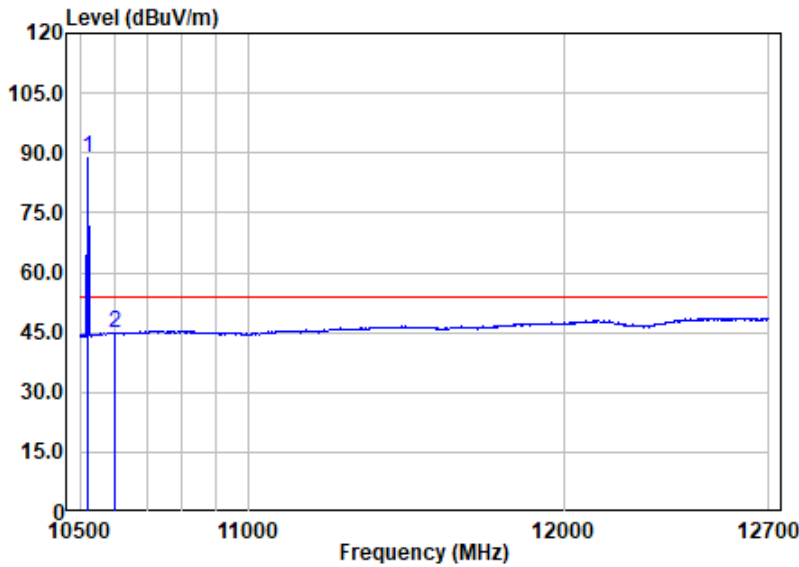
Site: Shielding Room

	Freq	Cable Loss	Ant Factor	Read Level	Limit Level	Over Limit	Remark
	MHz	dB	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	10524.200	12.61	37.73	84.58	92.28	74.00	18.28 Peak
2	10600.000	12.62	37.80	48.70	56.84	74.00	-17.16 Peak
3	12407.400	13.83	39.11	49.78	60.87	74.00	-13.13 Peak



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Site: Shielding Room

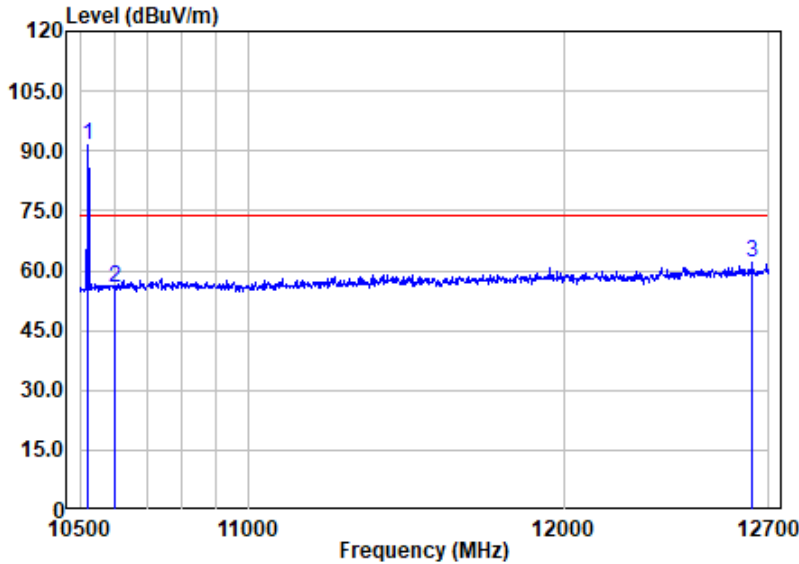
	Cable	Ant	Read	Limit	Over	
Freq	Loss	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dBuV	dBuV/m	dBuV/m	dB
1 10524.200	12.61	37.73	81.04	88.74	54.00	34.74 Average
2 10600.000	12.62	37.80	36.81	44.95	54.00	-9.05 Average
3 12700.000	14.12	39.13	37.01	48.77	54.00	-5.23 Average



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Vertical



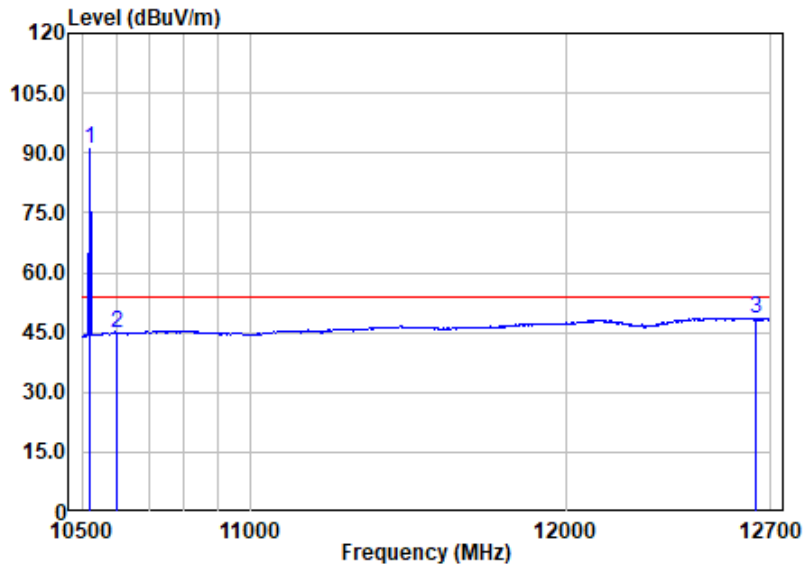
Site: Shielding Room

	Cable	Ant	Read	Limit	Over	
Freq	Loss	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dBuV	dBuV/m	dBuV/m	dB
1 10524.200	12.61	37.73	83.56	91.26	74.00	17.26 Peak
2 10600.000	12.62	37.80	47.69	55.83	74.00	-18.17 Peak
3 12642.800	14.07	39.13	50.76	62.25	74.00	-11.75 Peak



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Site: Shielding Room

	Cable	Ant	Read	Limit	Over	
Freq	Loss	Factor	Level	Level	Line	Limit Remark
MHz	dB	dB/m	dBuV	dBuV/m	dBuV/m	dB
1 10524.200	12.61	37.73	83.31	91.01	54.00	37.01 Average
2 10600.000	12.62	37.80	36.76	44.90	54.00	-9.10 Average
3 12645.000	14.07	39.13	37.10	48.60	54.00	-5.40 Average



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8 Test Setup Photo

Refer to Appendix - Test Setup Photo for KSCR2208001592AT

9 EUT Constructional Details (EUT Photos)

Refer to Appendix - Photographs of EUT Constructional Details for KSCR2208001592AT

- End of the Report -



Compliance Certification Services (Kunshan) Inc.
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