

TEST REPORT

Product Name : RC DINO F26
Model Number : ET-0822A
FCC ID : 2ADM5-ET-0822A

Prepared for : Zeeva Int Ltd
Address : 1007B-8, 1012 & 15, 10th Fl, Exchange Tower, 33 Wang Chiu Road, Kowloon Bay, Hong Kong

Prepared by : EMTEK (DONGGUAN) CO., LTD.
Address : 1&2/F., Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshanhu High-technology Industrial Development Zone, Dongguan, Guangdong, China

TEL: +86-0769-22807078
FAX: +86-0769-22807079

Report Number : EDG2605270301E00101R
Date of sample receipt : May 27, 2026
Date(s) of Tests : May 27, 2026 to June 07, 2026
Date of issue : June 08, 2026

TEST REPORT DESCRIPTION

Applicant : Zeeva Int Ltd
Address : 1007B-8, 1012 & 15, 10th Fl, Exchange Tower, 33 Wang Chiu Road, Kowloon Bay, Hong Kong
EUT : RC DINO F26
Model Name : ET-0822A
Trademark : N/A

Measurement Procedure Used:

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
FCC 47 CFR Part 2, Subpart J FCC 47 CFR Part 15, Subpart C	PASS

The above equipment was tested by EMTEK(DONGGUAN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10-2020 and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 15.227.

Date of Test : May 27, 2026 to June 07, 2026

Prepared by :

Jessica Zhang
Jessica Zhang /Editor

Reviewer :

Warren Deng
Warren Deng /Supervisor

Approve & Authorized Signer :

Sam Lv
Sam Lv / Manager



Modified History

Version	Report No.	Revision Date	Summary
	EDG2605270301E00101R	/	Original Report



Table of Contents

1. GENERAL INFORMATION	5
1.1PRODUCT DESCRIPTION	5
2. SYSTEM TEST CONFIGURATION	6
2.1 EUT CONFIGURATION	6
2.2 EUT EXERCISE	6
2.3 TEST PROCEDURE	6
2.4 LIMITATION	7
2.5 CONFIGURATION OF TESTED SYSTEM	8
3. SUMMARY OF TEST RESULTS	9
4. DESCRIPTION OF TEST MODES	10
5. TEST FACILITY	11
6. TEST SYSTEM UNCERTAINTY	12
7. CONDUCTED EMISSIONS TEST	13
7.1MEASUREMENT PROCEDURE:	13
7.2TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)	13
7.3MEASUREMENT EQUIPMENT USED:	13
7.4MEASUREMENT RESULT:	13
7.5 CONDUCTED MEASUREMENT PHOTOS:	13
8. RADIATED EMISSION TEST	14
8.1MEASUREMENT PROCEDURE	14
8.2TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)	14
8.3MEASUREMENT EQUIPMENT USED:	15
8.4 RADIATED EMISSION LIMIT	16
FIELD STRENGTH OF THE FUNDAMENTAL SIGNAL	16
8.5 MEASUREMENT RESULTS	17
8.6 RADIATED MEASUREMENT PHOTOS:	22
9. OCCUPIED BANDWIDTH	23
9.1MEASUREMENT PROCEDURE	23
9.2TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)	23
9.3MEASUREMENT EQUIPMENT USED:	23
10.ANTENNA APPLICATION	25
10.1 ANTENNA REQUIREMENT	25
10.2 RESULT	25

1. GENERAL INFORMATION

1.1 Product Description

Characteristics	Description
Product Name	RC DINO F26
Model number	ET-0822A
SKU#	9262993
UPC#	1922342663561
Color	DARK GREEN
Power Supply	DC 3V from Battery
Operating Frequency Range	27.145MHz
Modulation	ASK
Number of Channels	1 channel
Max Field Strength	43.85 dBuV@3m
Antenna Type	Hose antenna
Temperature Range:	-10°C ~ +60°C
Remark: The EUT continues to transmit while button is being pressed. Modulation by IC, and type is pulse modulation.	

Note: for more details, please refer to the User's manual of the EUT.

2. System Test Configuration

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

The Transmitter was operated in the normal operating mode. the Tx frequency was fixed which was for the purpose of the measurements.

2.3 Test Procedure

2.3.1 Conducted Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. According to the requirements in ANSI C63.10-2020. Conducted emissions from the EUT measured in the **frequency range between 0.15 MHz and 30MHz** using **CISPR Quasi-Peak and average detector mode**.

2.3.2 Radiated Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter(EUT) was rotated through three orthogonal axes according to the requirements in ANSI C63.10-2020

2.4 Limitation

(1) Conducted Emission

According to section 15.207(a) Conducted Emission Limits is as following.

Frequency range MHz	Limits dB(uV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50
Note 1.The lower limit shall apply at the transition frequencies 2.The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.		

(2) Radiated Emission

- a. The field strength of any emission within this band (section 15.235 frequency between 49.82MHz -49.90MHz) shall not exceed 10000 micro volts/meter at 3 meters. (80dB μ V at 3m) The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in section 15.35 for limiting peak emissions apply.
- b. The field strength of any emissions which appear outside of this band shall not exceed the general radiated emission limits in section 15.209(Intentional Radiators general limit).as below.

Frequency (MHz)	Field strength μ V/m	Distance(m)	Field strength at 3m dB μ V/m
1.705-30	30	30	69.54
30-88	100	3	40
88-216	150	3	43.5
216-960	200	3	46
Above 960	500	3	54

- Remark:
1. Emission level in dBuV/m=20 log (uV/m)
 2. Measurement was performed at an antenna to the closed point of EUT distance of meters.
 3. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of ξ 15.205
 4. Emission spurious frequency which appearing within the Restricted Bands specified in provision of ξ 15.205, then the general radiated emission limits in ξ 15.209 apply.

2.5 Configuration of Tested System

Fig. 2-1 Configuration of Tested System

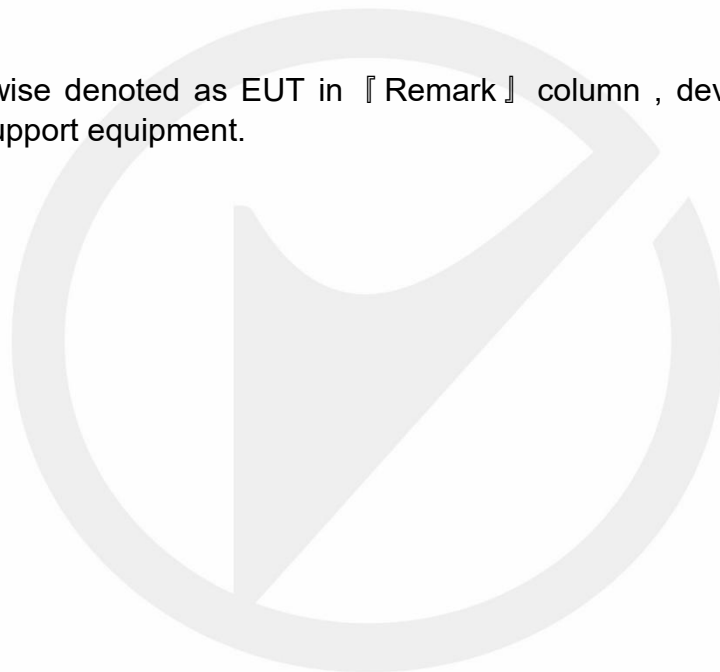


Table 2-1 Equipment Used in Tested System

Item	Equipment	Trademark	Model No.	FCC ID	Series No.	Note
1	RC DINO F26	N/A	ET-0822A	2ADM5-ET-0822A	N/A	EUT

Note:

- (1) Unless otherwise denoted as EUT in 『Remark』 column , device(s) used in tested system is a support equipment.



3. Summary of Test Results

FCC Rules	Description Of Test	Result
§15.207	Conducted Emission	N/A
§15.227	Radiated Emission	Compliant
§15.227	Bandwidth Test	Compliant
§15.203	Antenna Requirement	Compliant



4. Description of test modes

The EUT (RC DINO F26) has been tested under normal operating condition.
The EUT stay in continuous transmitting mode. The Frequency 27.145MHz is chosen for testing.

For Radiated: The EUT's antenna was pre-tested under the following modes:

Test Mode	Description
Mode A	X-Y axis
Mode B	Y-Z axis
Mode C	X-Z axis

From the above modes, the worst case was found in Mode A. Therefore only the test data of the mode was recorded in this report.



5. Test Facility

Site Description	
EMC Lab.	: Accredited by CNAS, 2024.07.06 The certificate is valid until 2030.07.05 The Laboratory has been assessed and proved to be in compliance with CNAS/CL01:2018 The Certificate Registration Number is L3150 Accredited by FCC Designation Number: CN1451 Test Firm Registration Number: 846861 Accredited by A2LA The Certificate Registration Number is 4321.02 Accredited by Industry Canada The Certificate Registration Number is CN0113
Name of Firm	: EMTEK (DONGGUAN) CO., LTD.
Site Location	: 1&2/F., Building 2, Zone A, Zhongda Marine Biotechnology Research and Development Base, No.9, Xincheng Avenue, Songshanhu High-technology Industrial Development Zone, Dongguan, Guangdong, China

6. TEST SYSTEM UNCERTAINTY

The following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Table 1

Test Parameter	Measurement Uncertainty
Radio Frequency	$\pm 1 \times 10^{-5}$
Maximum Peak Output Power Test	$\pm 1.0\text{dB}$
Conducted Emissions Test	See below
Radiated Emission Test	$\pm 2.0\text{dB}$
Power Density	$\pm 2.0\text{dB}$
Occupied Bandwidth Test	$\pm 1.0\text{dB}$
Band Edge Test	$\pm 3\text{dB}$
All emission, radiated	See below
Antenna Port Emission	$\pm 3\text{dB}$
Temperature	$\pm 0.5^{\circ}\text{C}$
Humidity	$\pm 3\%$

Table 2

Test Item	Uncertainty
Conducted Emission Uncertainty	: 2.08dB(9K-150KHz) 2.42dB(150K-30MHz)
Radiated Emission Uncertainty (3m Chamber)	: 3.32dB (30M~1GHz Polarize: H) 3.34dB (30M~1GHz Polarize: V) 4.98dB (1~6GHz) 5.20dB (6~18GHz)

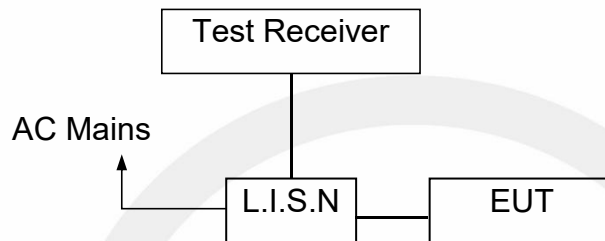
Measurement Uncertainty for a level of Confidence of 95%

7. Conducted Emissions Test

7.1 Measurement Procedure:

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured were complete.

7.2 Test SET-UP (Block Diagram of Configuration)



7.3 Measurement Equipment Used:

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
EMI Test Receiver	Rohde&Schwarz	ESCI	100137	2026/4/23	1 Year
AMN	Rohde&Schwarz	ENV216	101209	2026/4/23	1 Year

7.4 Measurement Result:

N/A.

7.5 Conducted Measurement Photos:

N/A

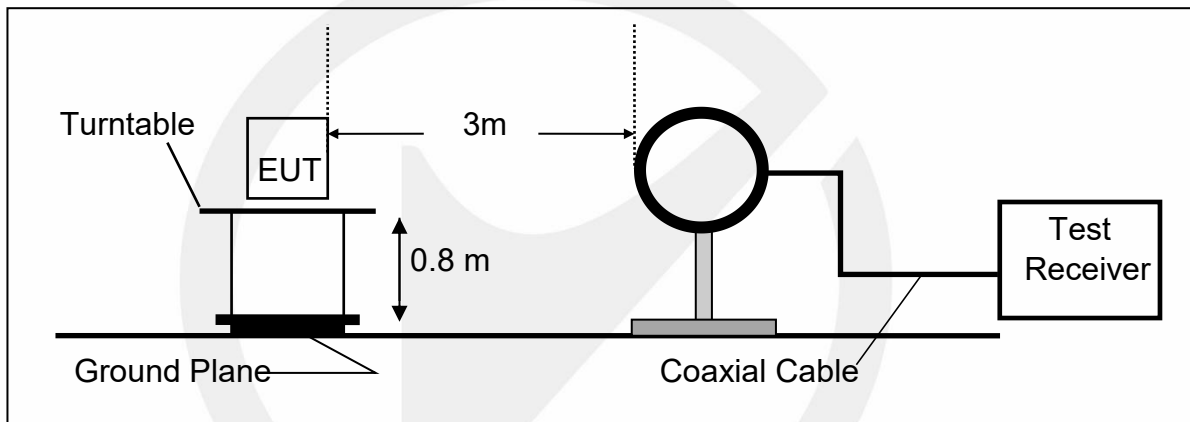
8. Radiated Emission Test

8.1 Measurement Procedure

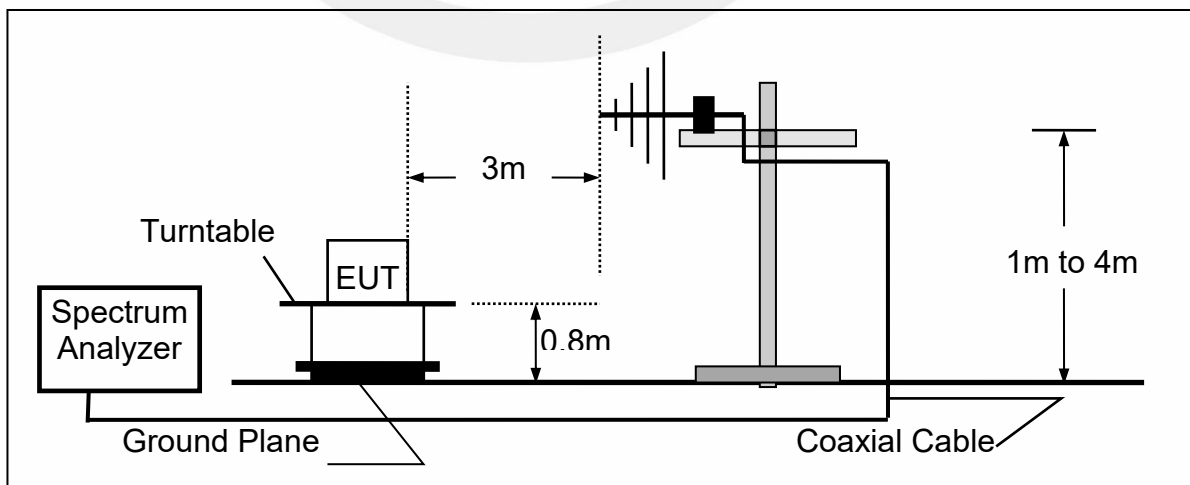
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measured were complete.

8.2 Test SET-UP (Block Diagram of Configuration)

(A) Radiated Emission Test Set-Up, Frequency Below 30MHz



(B) Radiated Emission Test Set-Up, Frequency Above 30MHz



8.3 Measurement Equipment Used:

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
EMI Test Receiver	Rohde&Schwarz	ESCI	101415	2026/4/23	1Year
Bi-log Hybrid Antenna	Schwarzbeck	VULB9163	141	2026/4/25	1Year
Pre-Amplifie	HP	8447F	OPH64	2026/4/23	1 Year
Signal Analyzer	R&S	FSV30	103039	2026/4/23	1 Year
Horn Antenna	Schwarzbeck	BBHA9120D	1272	2026/4/25	1Year
Horn Antenna	Schwarzbeck	BBHA9170	9170-567	2026/4/25	1Year
Pre-Amplifie	LUNAR EM	PM1-18-40	J10100000081	2026/4/23	1Year
Loop antenna	Schwarzbeck	FMZB1519	1519-012	2026/4/25	1Year
Cable	Rosenberger	CIL02	A0783566	2026/4/23	1Year
Cable	HTS	CBL-26	D1245	2026/4/23	1Year
Cable	HTS	CBL-26	D8503	2026/4/23	1Year
Cable	HTS	CBL-26	/	2026/4/23	1Year
6 db attenuator	AR-WORLDWIDE	6dB/50FH-006-100	324011	2026/4/23	1Year
Test Software	Farad	Ver.RA-03A1	--	N/A	N/A

8.4 Radiated Emission Limit

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table15.209(a):

Frequencies (MHz)	Field Strength (micorvolts/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

Restricted bands of operation

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)

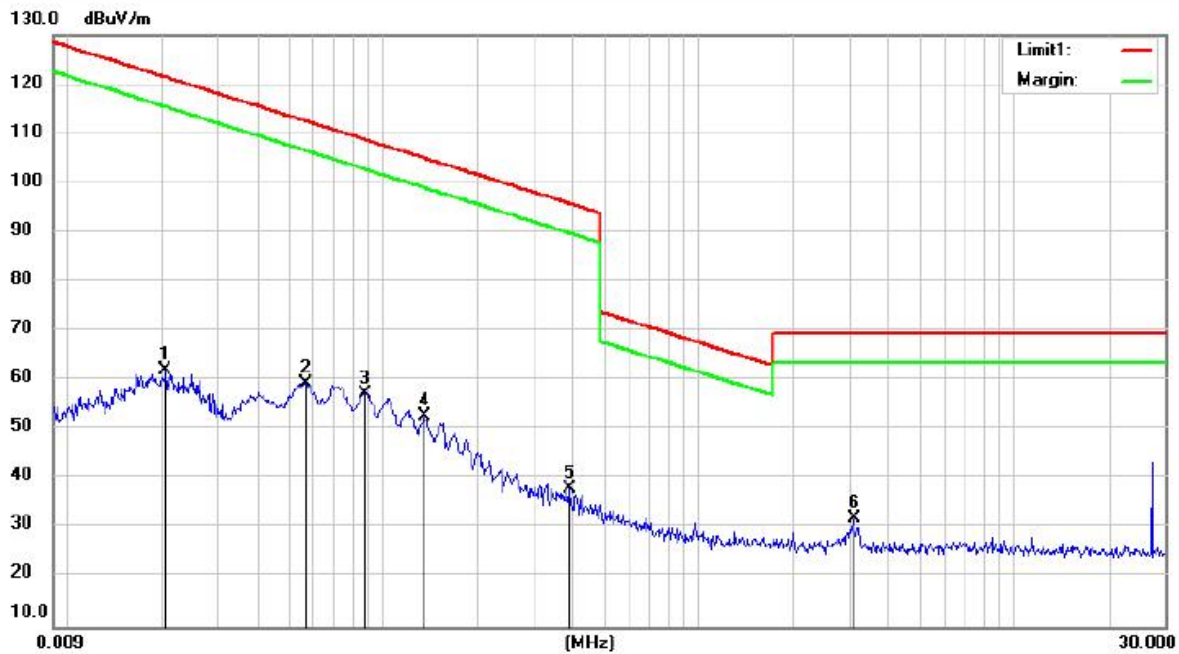
Remark 1. Emission level in dBuV/m=20 log (uV/m)

- :
2. Measurement was performed at an antenna to the closed point of EUT distance of meters.
 3. Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of § 15.205, and the emissions located in restricted bands also comply with 15.209 limit.

Field Strength of the fundamental signal

FCC Part15 (15.227) , Subpart C		
Fundamental Frequency	Field Strength Of Fundamental	
27.145MHz	PK:100 dBuV/m at 3m distance	AV:80 dBuV/m at 3m distance

8.5 Measurement Results



Site Chamber #1

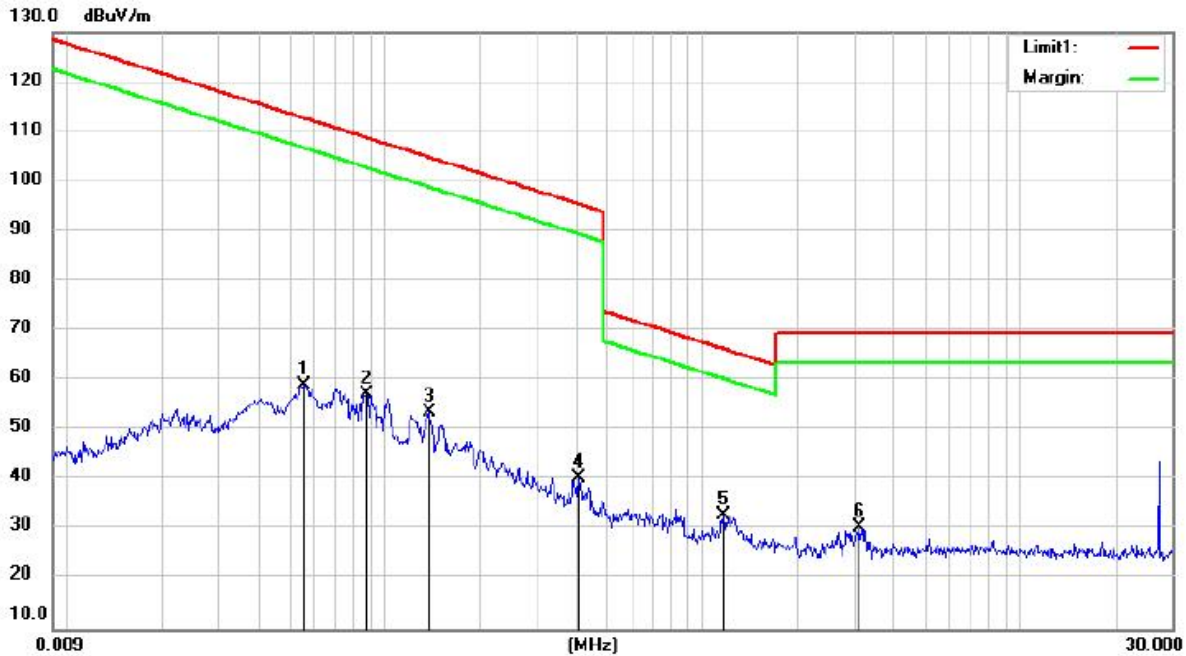
Polarization: 0°

Temperature: 23.3 C

No.	Mk.	Freq. MHz	Reading Level dBuV	Ant. Factor dB/m	Pre Amp Gain dB	Cable loss dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	HI cm	Degree deg.	Comment
1		0.0204	70.46	20.33	28.95	0.11	61.95	121.40	-59.45	peak			
2		0.0567	67.79	20.24	28.79	0.19	59.43	112.52	-53.09	peak			
3		0.0880	65.68	20.16	28.65	0.19	57.38	108.71	-51.33	peak			
4		0.1352	61.23	20.04	28.65	0.19	52.81	104.98	-52.17	peak			
5		0.3880	46.82	20.02	28.93	0.21	38.12	95.83	-57.71	peak			
6	*	3.0954	39.99	20.27	29.24	0.91	31.93	69.54	-37.61	peak			

*:Maximum data x:Over limit !:over margin

Operator: Ccyf



Site Chamber #1

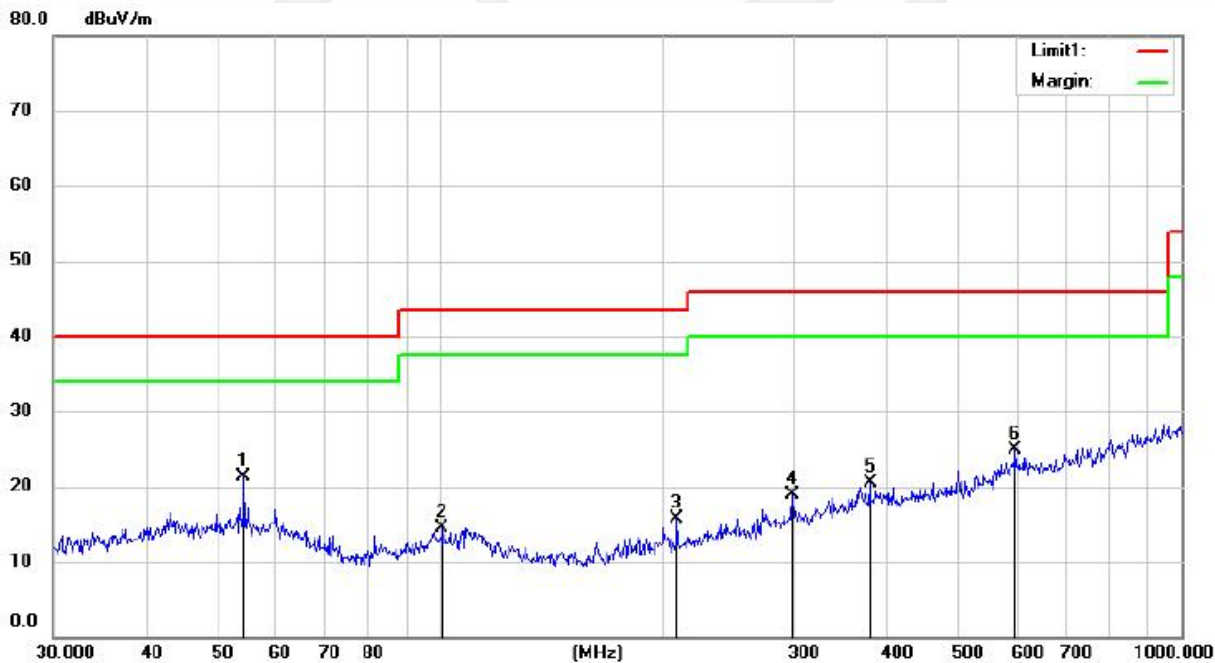
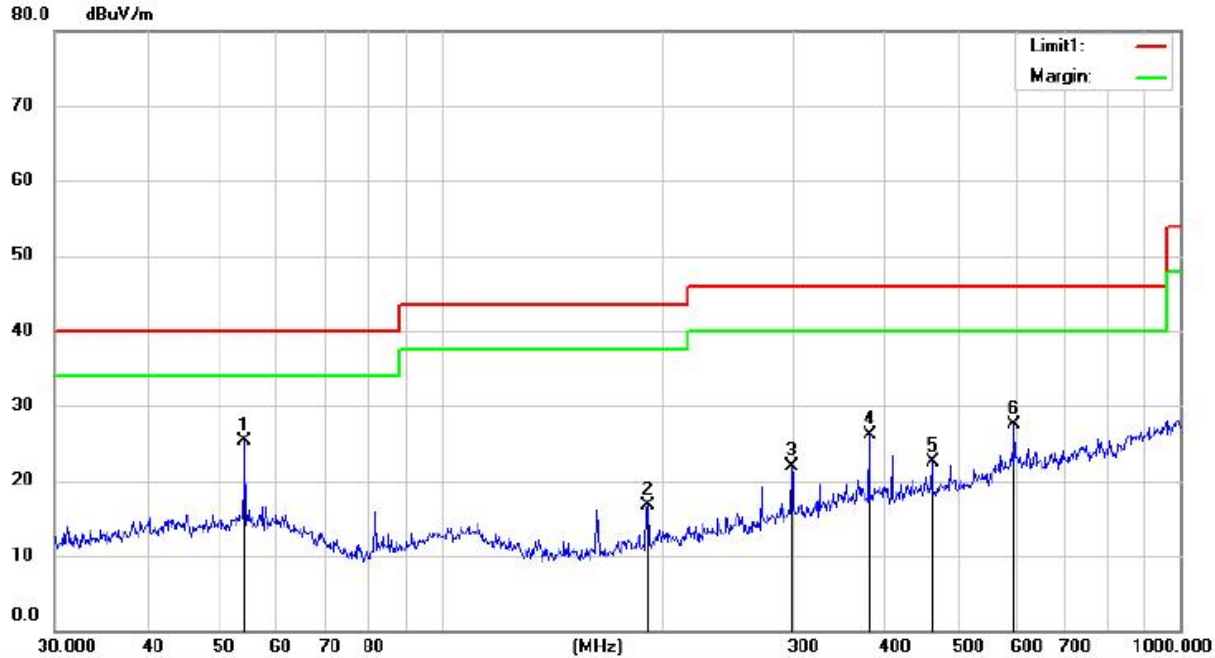
Polarization: 90°

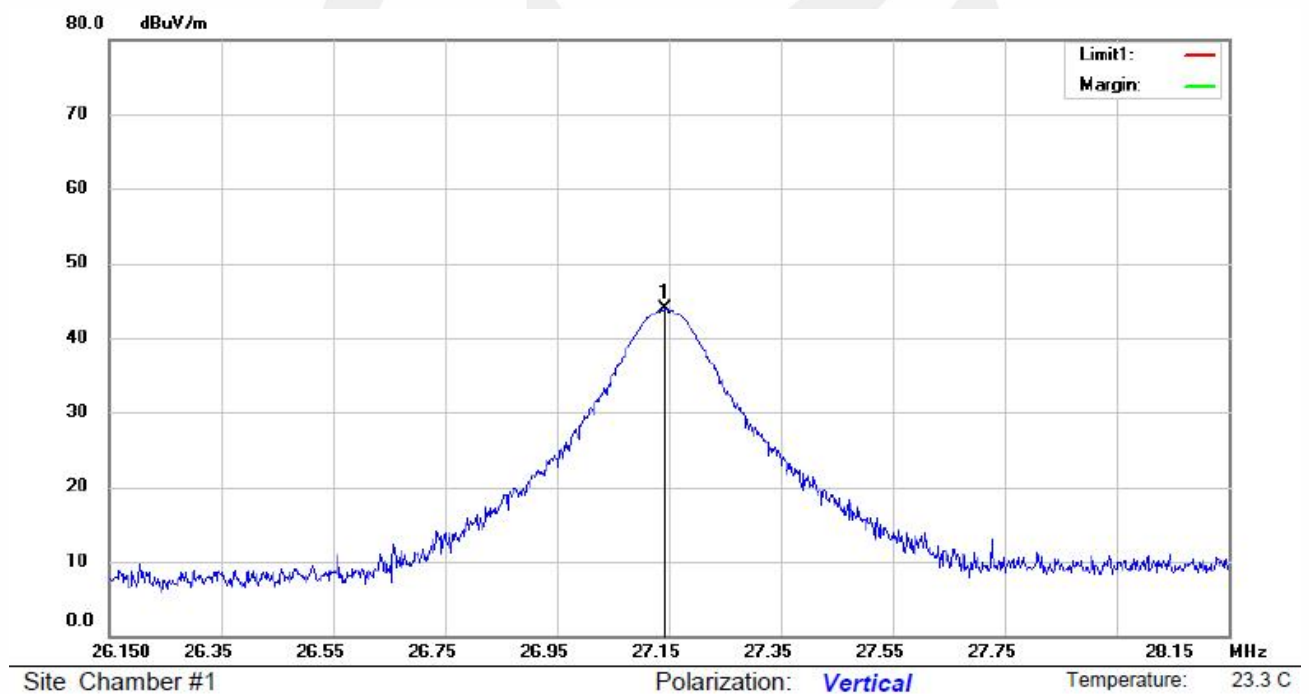
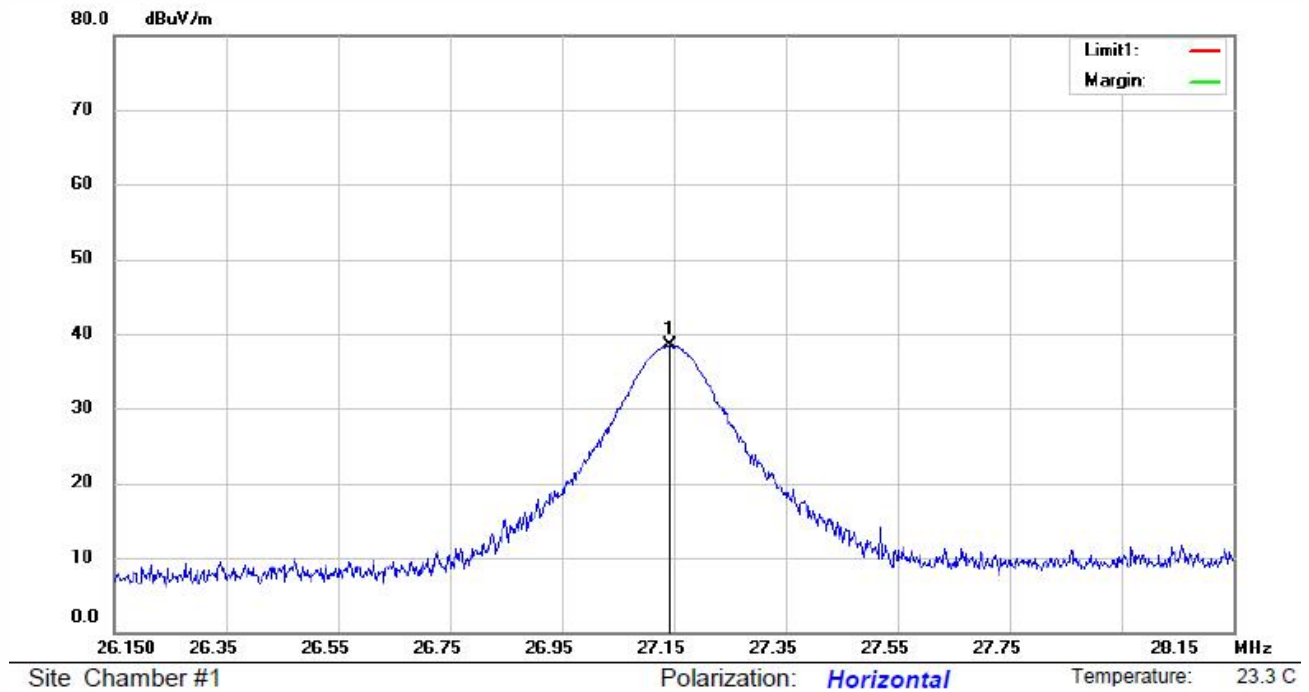
Temperature: 23.3 C

No.	Mk.	Freq. MHz	Reading Level dBuV	Ant. Factor dB/m	Pre Amp Gain dB	Cable loss dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	HI cm	Degree deg.	Comment
1		0.0554	67.47	20.24	28.8	0.19	59.10	112.72	-53.62	peak			
2		0.0880	65.63	20.16	28.65	0.19	57.33	108.71	-51.38	peak			
3		0.1374	62.05	20.03	28.65	0.19	53.62	104.84	-51.22	peak			
4		0.4074	49.12	20.02	28.94	0.21	40.41	95.40	-54.99	peak			
5	*	1.1600	41.67	20.09	29.23	0.42	32.95	66.34	-33.39	peak			
6		3.0954	38.52	20.27	29.24	0.91	30.46	69.54	-39.08	peak			

*:Maximum data x:Over limit !:over margin

Operator: Ccyf





Remark:

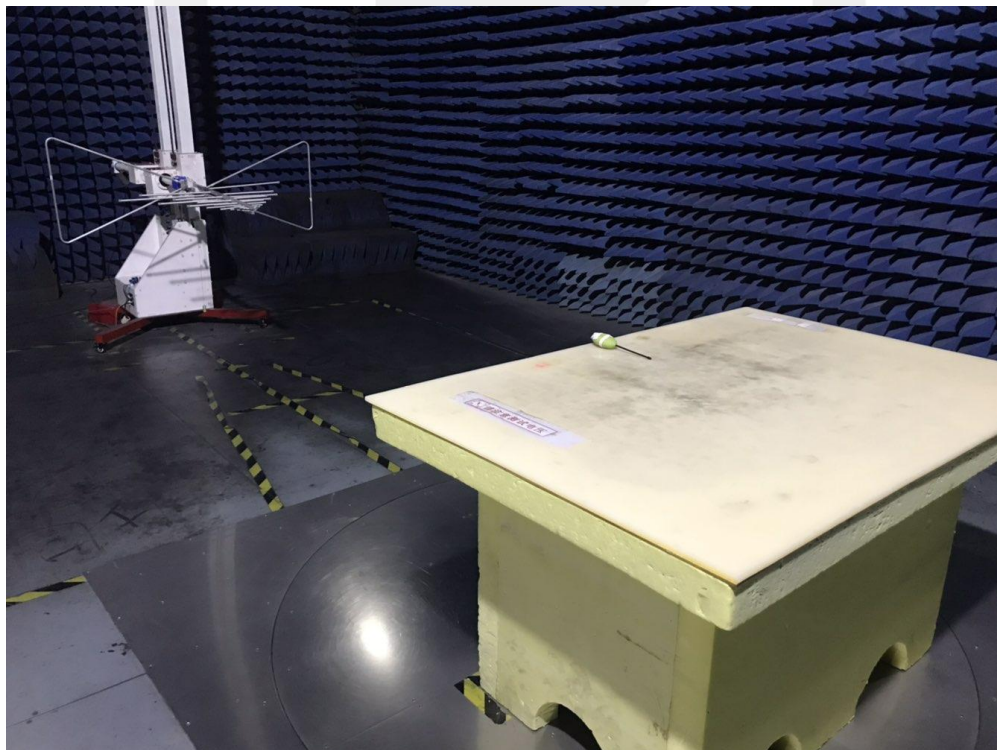
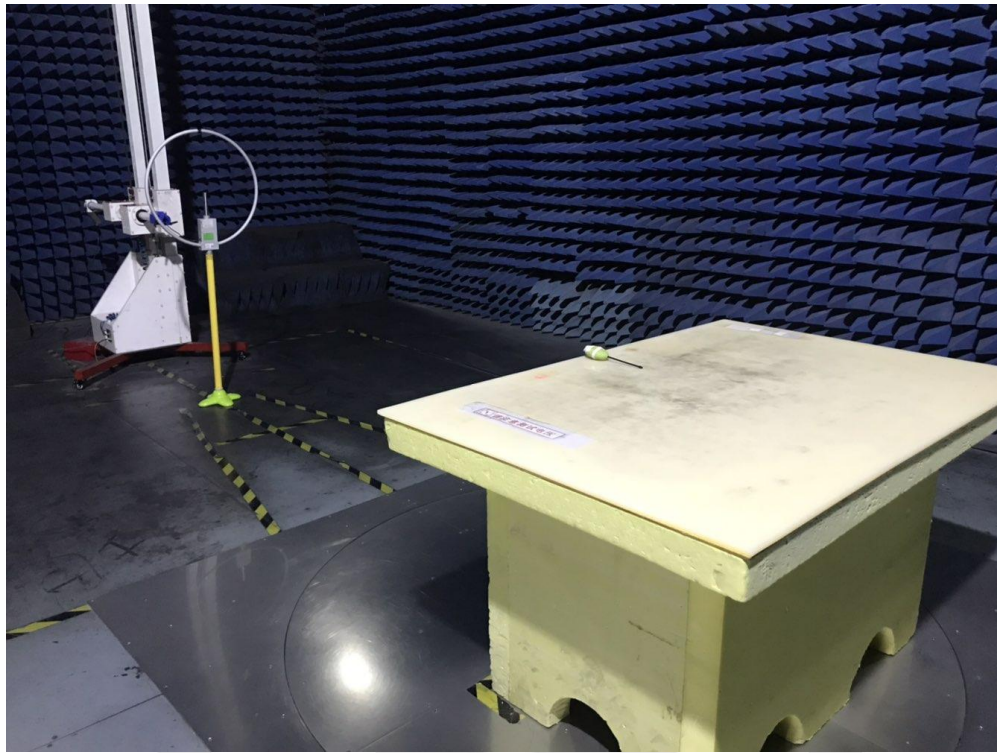
1. Measurement (dBμV/m) = Antenna Factor(dB) -Amp Factor(dB) +Cable Loss(dB) + Reading(dBμV/m)
2. Over (dB) = Measurement (dBμV/m) - Limit (dBμV/m)

Test Result: PASS Test By: Ccyf
Frequency Range: 30M-1GHz Fundamental Frequency: 27.145 MHz

Frequency (MHz)	Ant.Pol. (V/H)	Emission Level (dBuV/m)	Limit 3m (dBuV/m)	Margin (dB)	Note
27.1440	H	38.43	80.00	-41.57	AVG
54.2610	H	25.32	40.00	-14.68	QP
190.4050	H	16.62	43.50	-26.88	QP
298.2681	H	21.90	46.00	-24.10	QP
379.9141	H	26.18	46.00	-19.82	QP
462.3455	H	22.45	46.00	-23.55	QP
597.2234	H	27.42	46.00	-18.58	QP
27.1440	V	43.85	80.00	-36.15	AVG
54.2610	V	21.28	40.00	-18.72	QP
100.5806	V	14.43	43.50	-29.07	QP
208.5801	V	15.80	43.50	-27.70	QP
298.2681	V	18.81	46.00	-27.19	QP
379.9141	V	20.58	46.00	-25.42	QP
597.2234	V	24.92	46.00	-21.08	QP
Note:Emission Level is less than the limit of AVG,so it less than the limit of PEAK					

No others harmonics emissions are higher than 20dB below the limits of 47 CFR Part 15.209.

8.6 Radiated Measurement Photos:

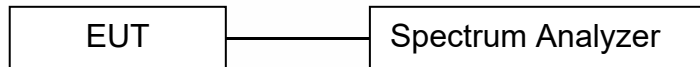


9. Occupied Bandwidth

9.1 Measurement Procedure

1. Set EUT as normal operation
2. Set SPA Center Frequency = fundamental frequency, RBW=1Hz,VBW= 3Hz
3. Set SPA Max hold. Mark peak.

9.2 Test SET-UP (Block Diagram of Configuration)



9.3 Measurement Equipment Used:

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Wireless Connectivity Tester	R&S	CMW270	102543	2026/4/23	1Year
Automatic Control Unit	Tonscend	JS0806-2	21I8060480	2026/4/23	1Year
Signal Analyzer	KEYSIGHT	N9010B	MY60242456	2026/4/23	1Year
Analog Signal Generator	KEYSIGHT	N5173B	MY61252625	2026/4/23	1Year
UP/DOWN-Converter	R&S	CMW-Z800A	100274	2026/4/23	1Year
Vector Signal Generator	KEYSIGHT	N5182B	MY61252674	2026/4/23	1Year
Frequency Extender	KEYSIGHT	N5182BX07	MY59362541	2026/4/23	1Year
Temperature&Humidity test chamber	ESPEC	EL-02KA	12107166	2026/4/23	1 Year
Radio frequency test system	Tonscend	JS1120-3	--	N/A	N/A

For measurement cables(It is from the antenna end of EUTto the test port of test equipment.)

Equipment	Manufacturer	cable loss	Application frequency band	Measurement data of line loss comes from	Last Cal.	Cal. Interval
Measurement cable	Provided by the applicant	0.5 dBm	27.145MHz	Manufacturers claim themselves.	N/A	N/A

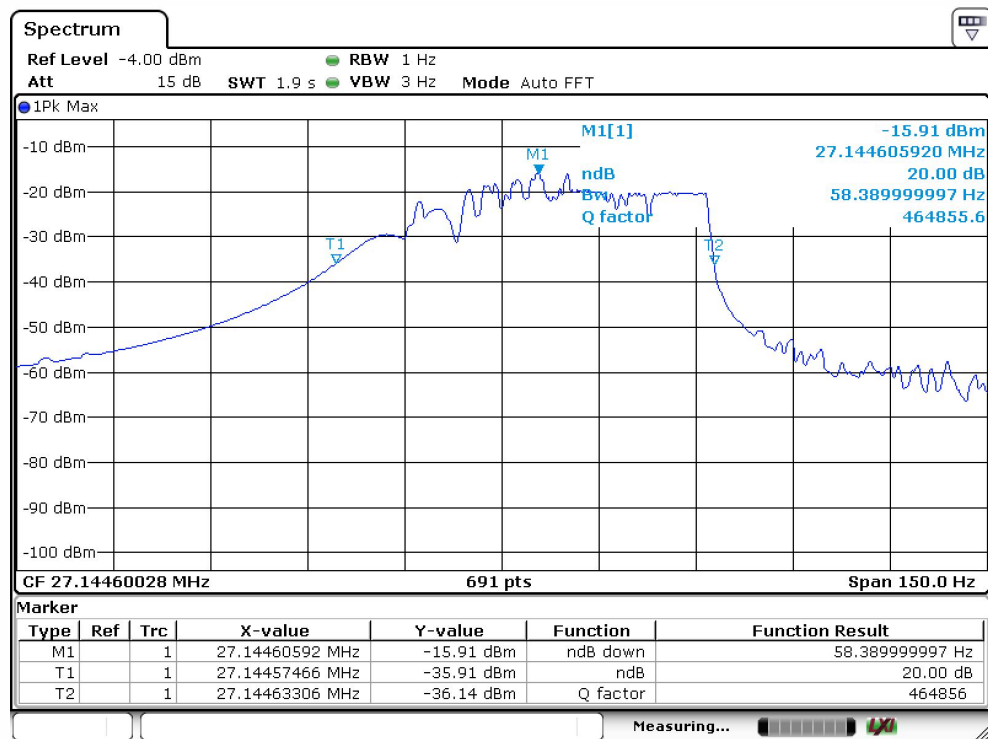
Pass.

Limits for 20 dB Bandwidth of Fundamental Emission:

Frequency(MHz)	20dB Bandwidth(Hz)	Limits (MHz)
27.145	58.39	Within 26.96-27.28 MHz.

Refer to attached data chart.

Band Width Test Data



10. Antenna Application

10.1 Antenna requirement

The EUT'S antenna is met the requirement of FCC part 15C section 15.203.

Systems operating in the 27.145MHz that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum peak output power of the intentional radiator is reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

10.2 Result

The EUT's antenna is permanent attached antenna, external antenna. The antenna is not replaceable or user serviceable. The requirement of FCC part 15C section 15.203 is met.

*** End of Report ***