

FCC Test Report

Report No. : 1812C60495612501

Applicant : NANLUX AMERICAS, INC.

Address : 2815 Winona Ave, Burbank, CA 91504, United States

Product Name : NFC reader module

Report Date : 2026-09-21

Shenzhen Anbotek Compliance Laboratory Limited



Contents

1. General Information.....	5
1.1. Client Information	5
1.2. Description of Device (EUT).....	5
1.3. Auxiliary Equipment Used During Test.....	6
1.4. Description of Test Configuration	6
1.5. Additional Instructions	6
1.6. Description Of Test Setup	7
1.7. Test Equipment List.....	8
1.8. Measurement Uncertainty	9
1.9. Description of Test Facility	10
1.10. Disclaimer.....	10
2. Summary of Test Results	11
3. Conducted Emission Test.....	12
3.1. Test Standard and Limit	12
3.2. Test Setup	12
3.3. Test Procedure.....	12
3.4. Test Data.....	12
4. Radiation Spurious Emission and Band Edge.....	17
4.1. Test Standard and Limit	17
4.2. Test Setup	18
4.3. Test Procedure.....	18
4.4. Test Data.....	19
5. Frequency Tolerance.....	29
5.1. Test Requirement.....	29
5.2. Test Setup	29
5.3. Test Procedure.....	29
5.4. Test Data.....	29
6. 20dB Occupy Bandwidth Test	30
6.1. Test Standard and Limit	30
6.2. Test Setup	30
6.3. Test Procedure.....	30
6.4. Test Data.....	31
7. Antenna Requirement.....	32
7.1. Test Standard and Requirement	32
7.2. Antenna Connected Construction	32
APPENDIX I -- TEST SETUP PHOTOGRAPH	33
APPENDIX II -- EXTERNAL PHOTOGRAPH	33
APPENDIX III -- INTERNAL PHOTOGRAPH.....	33

TEST REPORT

Applicant : NANLUX AMERICAS, INC.
Manufacturer : Guangdong Nanguang Photo&Video Systems Co., Ltd.
Product Name : NFC reader module
Model No. : WS-NFC-RD1
Trade Mark : N/A
Rating(s) : Input: 3.3VDC±0.3V

Test Standard(s) : 47 CFR Part 15.225

Test Method(s) : ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the 47 CFR Part 15.225 requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Receipt 2026-08-25

Date of Test 2026-08-25 to 2026-09-21

Prepared By

Cecilia Chen

(Cecilia Chen / Report Engineer)

Approved & Authorized Signer

Jules Guo

(Jules Guo / Laboratory Manager)

Revision History

Report Version	Description	Issued Date
R00	Original Issue.	2026-09-21

1. General Information

1.1. Client Information

Applicant	:	NANLUX AMERICAS, INC.
Address	:	2815 Winona Ave, Burbank, CA 91504, United States
Manufacturer	:	Guangdong Nanguang Photo&Video Systems Co., Ltd.
Address	:	Dongli Section, Highway 324, Chenghai, Shantou City, Guangdong Province, China

1.2. Description of Device (EUT)

Product Name	:	NFC reader module
Model No.	:	WS-NFC-RD1
Trade Mark	:	N/A
Test Power Supply	:	3.3VDC by Debug board from adapter input 120VAC/60Hz
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A
RF Specification		
Operation Frequency	:	13.56MHz
Number of Channel	:	1
Modulation Type	:	ASK
Antenna Type	:	ANT1: FPC Antenna ANT2: FPC Antenna
Remark: 1) All of the RF specification are provided by customer. 2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.		

1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.
Xiaomi 33W adapter	Xiaomi	MDY-11-EX	SA62212LA04358J
Debug board	Guangdong Nanguang Photo&Video Systems Co., Ltd.	NG-WS-NFC-RD1	/

1.4. Description of Test Configuration

The engineering test program was provided and the EUT was programmed to be in transmitting mode.

Channel	Freq.(MHz)
01	13.56

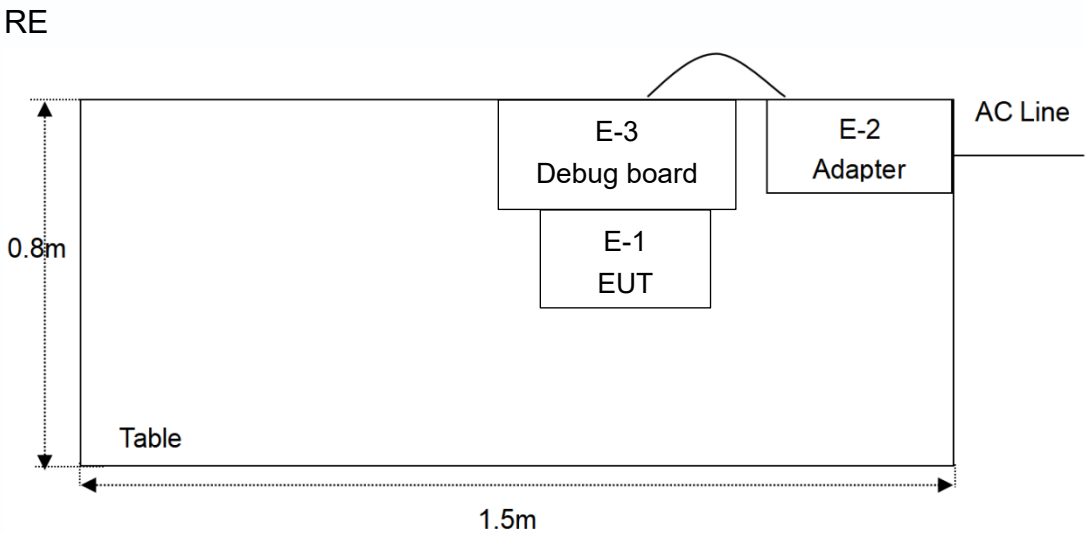
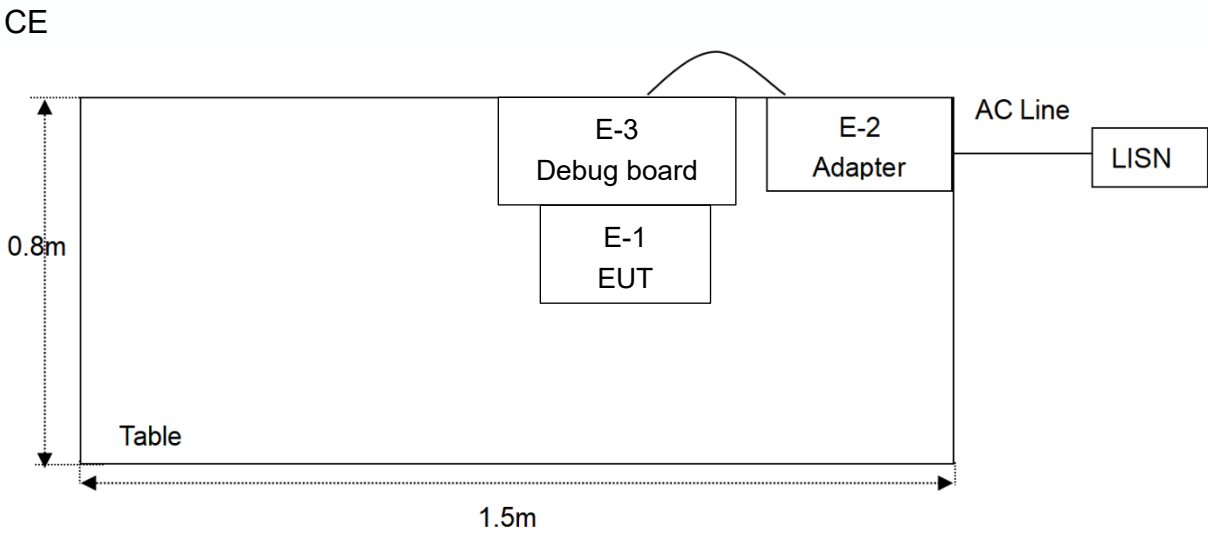
1.5. Additional Instructions

Power level setup in software: Transmit signal upon power-up

Operation Band:

Mode	Channel(MHz)	Power level	Transmitting type
NFC	13.56	default	data pack TX

1.6. Description Of Test Setup



1.7. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Last Cal.	Cal. Interval
1.	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	2026-06-08	1 Year
2.	Three Phase V-type Artificial Power Network	CYBERTEK	EM5040DT	2025-12-30	1 Year
3.	EMI Test Receiver	Rohde & Schwarz	ESCI	2025-12-30	1 Year
4.	EMI Test Receiver	Rohde & Schwarz	ESR26	2025-12-30	1 Year
5.	MXA Spectrum Analysis	KEYSIGHT	N9020A	2025-12-29	1 Year
6.	EMI Preamplifier	SKET Electronic	LNPA-0118G-45	2025-12-30	1 Year
7.	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	2025-10-27	3 Year
8.	Bilog Broadband Antenna	Schwarzbeck	VULB9163	2025-10-26	3 Year
9.	Loop Antenna(9K- 30M)	Schwarzbeck	FMZB1519B	2026-06-24	1 Year
10.	Horn Antenna	A-INFO	LB-180400-KF	2024-01-22	3 Year
11.	Pre-amplifier	SONOMA	310N	2025-12-30	1 Year
12.	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	N/A
13.	MXA Spectrum Analysis	KEYSIGHT	N9020A	2025-12-29	1 Year
14.	MXG RF Vector Signal Generator	Agilent	N5182A	2025-12-29	1 Year
15.	Signal Generator	Agilent	E4421B	2025-12-29	1 Year
16.	DC Power Supply	IVYTECH	IV3605	2026-06-08	1 Year
17.	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ-HWHS80B	2026-06-08	1 Year
18.	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	2025-12-29	1 Year

1.8. Measurement Uncertainty

Parameter	Uncertainty
Conducted emissions (AMN 150kHz~30MHz)	2.8dB
Occupied Bandwidth	552Hz
Frequency tolerance	58Hz
Conducted Spurious Emission	1.24dB
Radiated spurious emissions (Below 30MHz)	3.14dB
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 3.94dB; Vertical: 4.34dB
Radiated spurious emissions (above 1GHz)	1G-6GHz: 4.22dB 6G-18GHz: 4.14dB 18G-40GHz: 5.58dB
The measurement uncertainty and decision risk evaluated according to AB/WI-RF-F-032. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

1.9. Description of Test Facility

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

FCC-Registration No.: 279531

Shenzhen Anbotek Compliance Laboratory Limited, 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 No. 279531.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.

1.10. Disclaimer

1. The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
2. The test report is invalid if there is any evidence and/or falsification.
3. The effect that the results relate only to the items tested.
4. This document may not be altered or revised in any way unless done so by Anbotek and all revisions are duly noted in the revisions section.
5. This report shall not be reproduced except in full without approval of the anbotek.
6. The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.
7. The data in this report will be synchronized with the corresponding national market supervision and management departments and cross-border e-commerce platforms as required by regulatory agencies.
8. Unless otherwise specified, use the binary decision rule of simple acceptance ($w=0$) for conformity determination with reference to ILAC-G8:09/2019.

2. Summary of Test Results

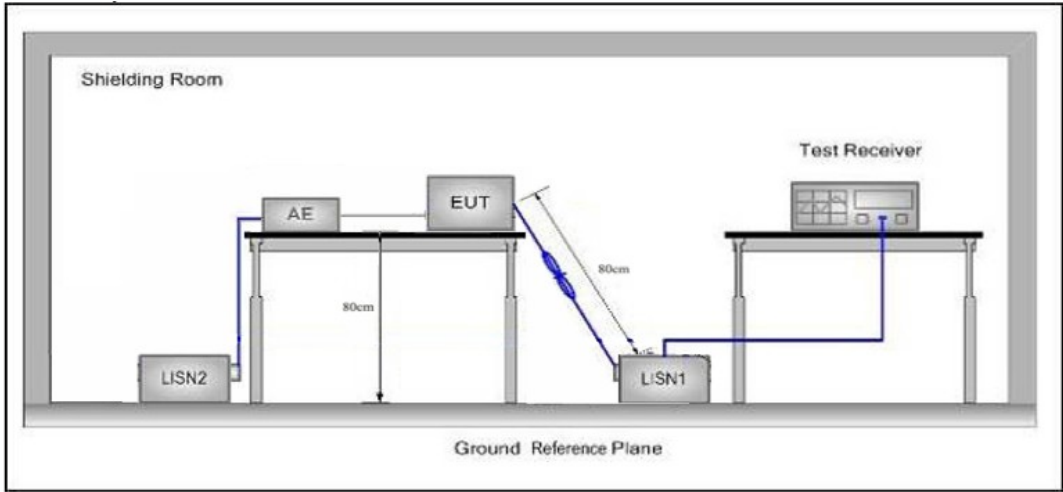
Standard Section	Test Item	Result
15.203	Antenna Requirement	PASS
15.207	Conducted Emission	PASS
15.205/15.209/15.225	Spurious Emission	PASS
15.215(c)	20dB Occupied Bandwidth	PASS
15.225(e)	Frequency Tolerance	PASS
Remark: "N/A" is an abbreviation for Not Applicable.		

3. Conducted Emission Test

3.1. Test Standard and Limit

Test Standard	FCC Part15 Section 15.207		
Test Limit	Frequency	Maximum RF Line Voltage (dBuV)	
		Quasi-peak Level	Average Level
	150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
	500kHz~5MHz	56	46
	5MHz~30MHz	60	50
Remark: (1) *Decreasing linearly with logarithm of the frequency. (2) The lower limit shall apply at the transition frequency.			

3.2. Test Setup



3.3. Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024 on Conducted Emission Measurement.

The bandwidth of test receiver set at 9kHz.

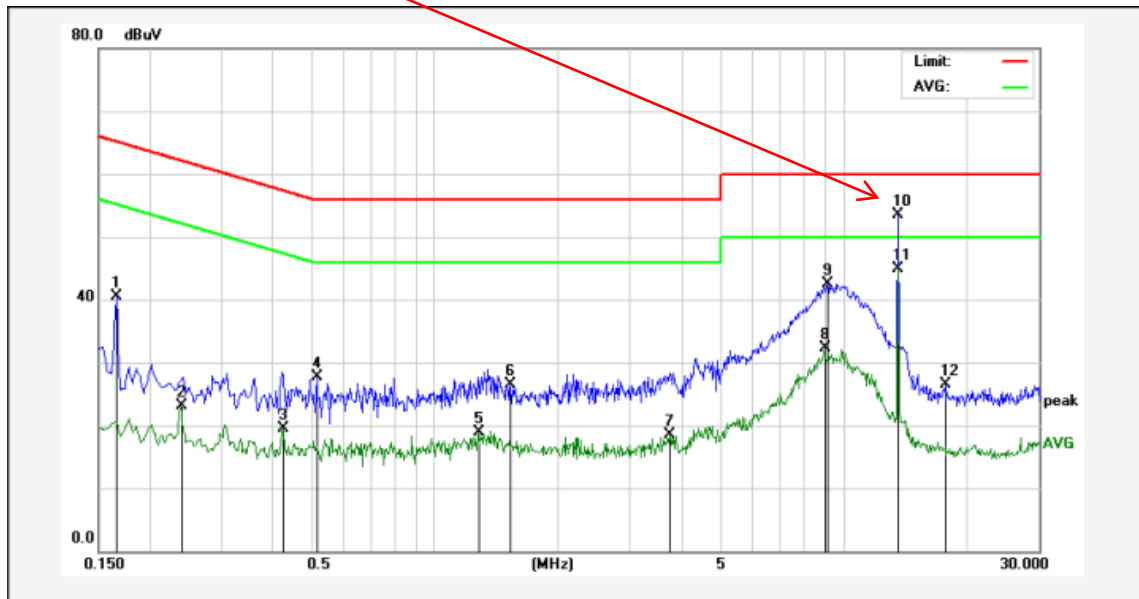
The frequency range from 150kHz to 30MHz is checked.

3.4. Test Data

Please to see the following pages.

Conducted Emission Test Data

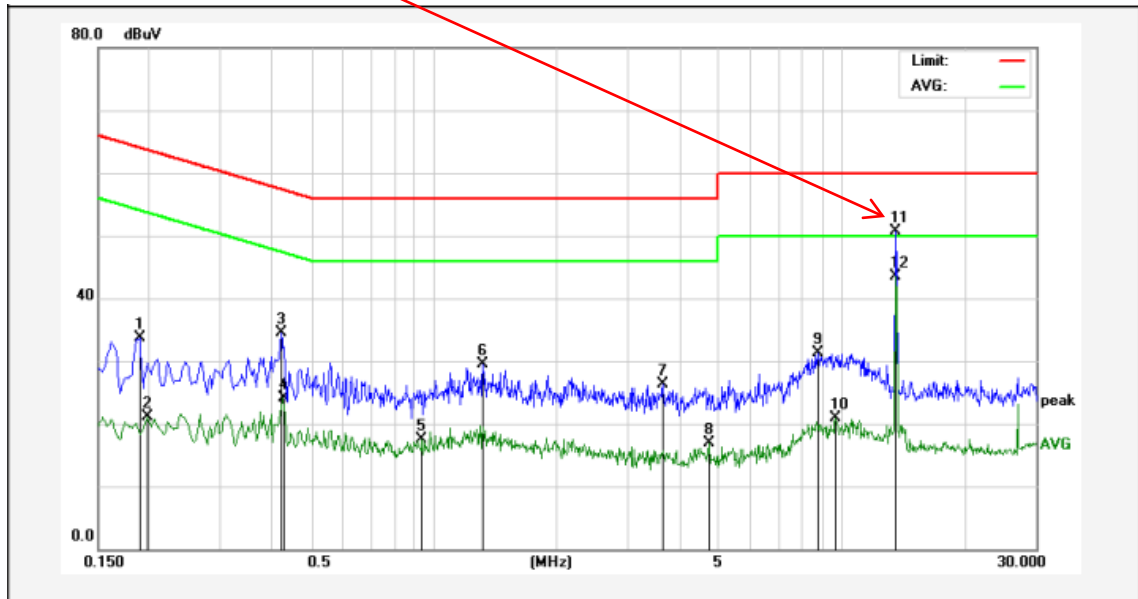
Test Site: 1# Shielded Room
Operating Condition: 13.56MHz
Test Specification: 3.3VDC by Debug board from adapter input 120VAC/60Hz
Comment: Live Line
Temp.(°C)/Hum.(%RH): 24.1°C/51%RH
Test Mode: ANT1
Fundamental



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1660	20.73	19.78	40.51	65.15	-24.64	QP	
2	0.2380	3.25	19.79	23.04	52.16	-29.12	AVG	
3	0.4260	-0.38	19.80	19.42	47.33	-27.91	AVG	
4	0.5140	7.88	19.80	27.68	56.00	-28.32	QP	
5	1.2780	-0.98	19.84	18.86	46.00	-27.14	AVG	
6	1.5300	6.76	19.84	26.60	56.00	-29.40	QP	
7	3.7460	-1.25	19.81	18.56	46.00	-27.44	AVG	
8	8.9940	12.49	19.78	32.27	50.00	-17.73	AVG	
9	9.1540	22.64	19.78	42.42	60.00	-17.58	QP	
10	13.5618	33.54	19.87	53.41	60.00	-6.59	QP	
11	13.5618	24.99	19.87	44.86	50.00	-5.14	AVG	
12	17.7180	6.68	19.84	26.52	60.00	-33.48	QP	

Conducted Emission Test Data

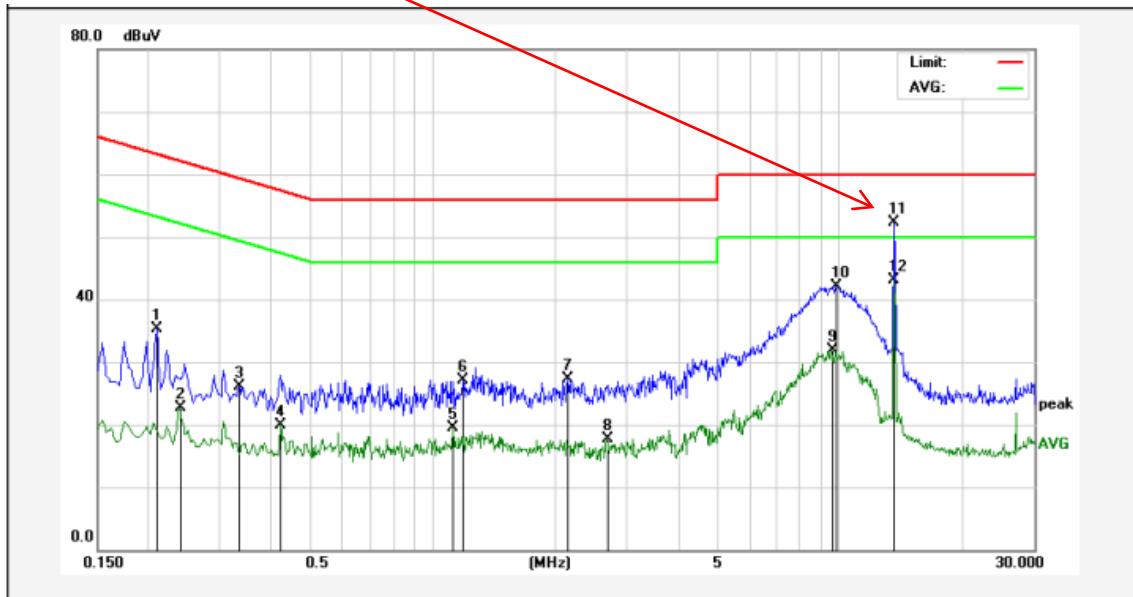
Test Site: 1# Shielded Room
Operating Condition: 13.56MHz
Test Specification: 3.3VDC by Debug board from adapter input 120VAC/60Hz
Comment: Neutral Line
Temp.(°C)/Hum.(%RH): 24.1°C/51%RH
Test Mode: ANT1
Fundamental



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1900	13.87	19.78	33.65	64.03	-30.38	QP	
2	0.1980	1.35	19.78	21.13	53.69	-32.56	AVG	
3	0.4220	14.61	19.80	34.41	57.41	-23.00	QP	
4	0.4260	4.31	19.80	24.11	47.33	-23.22	AVG	
5	0.9340	-2.41	19.85	17.44	46.00	-28.56	AVG	
6	1.3220	9.71	19.84	29.55	56.00	-26.45	QP	
7	3.6540	6.57	19.81	26.38	56.00	-29.62	QP	
8	4.7260	-2.88	19.80	16.92	46.00	-29.08	AVG	
9	8.7299	11.63	19.77	31.40	60.00	-28.60	QP	
10	9.6940	1.02	19.79	20.81	50.00	-29.19	AVG	
11	13.5618	30.81	19.87	50.68	60.00	-9.32	QP	
12	13.5618	23.65	19.87	43.52	50.00	-6.48	AVG	

Conducted Emission Test Data

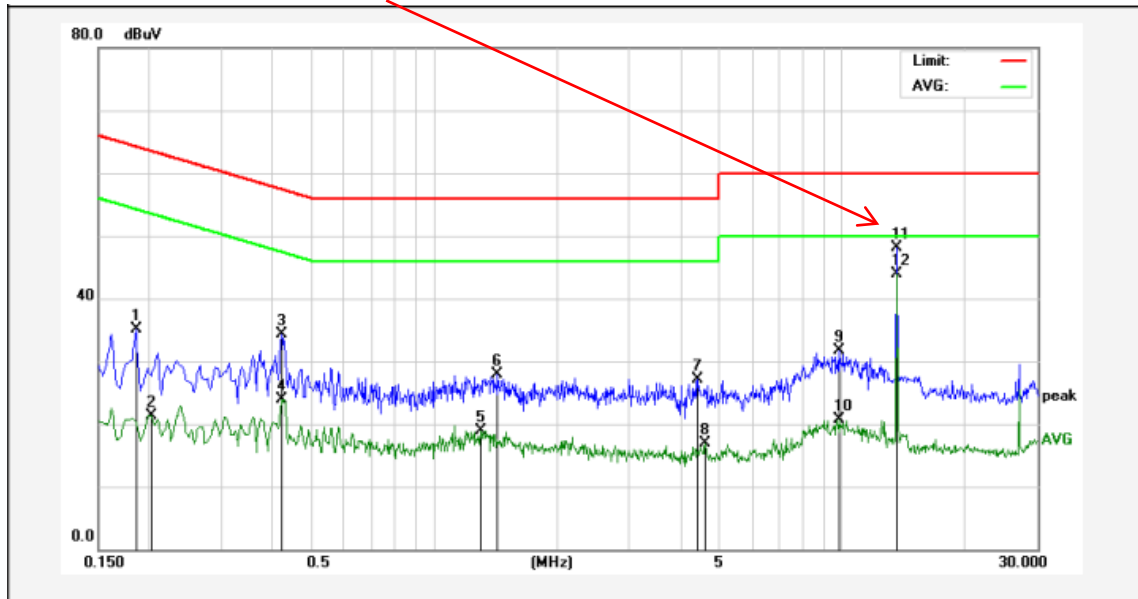
Test Site: 1# Shielded Room
Operating Condition: 13.56MHz
Test Specification: 3.3VDC by Debug board from adapter input 120VAC/60Hz
Comment: Live Line
Temp.(°C)/Hum.(%RH): 24.1°C/51%RH
Test Mode: ANT2
Fundamental



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.2100	15.55	19.78	35.33	63.20	-27.87	QP	
2	0.2380	2.91	19.79	22.70	52.16	-29.46	AVG	
3	0.3339	6.33	19.79	26.12	59.35	-33.23	QP	
4	0.4220	0.20	19.80	20.00	47.41	-27.41	AVG	
5	1.1220	-0.39	19.85	19.46	46.00	-26.54	AVG	
6	1.1860	7.30	19.84	27.14	56.00	-28.86	QP	
7	2.1460	7.38	19.84	27.22	56.00	-28.78	QP	
8	2.6700	-2.03	19.83	17.80	46.00	-28.20	AVG	
9	9.5380	12.17	19.78	31.95	50.00	-18.05	AVG	
10	9.8220	22.37	19.79	42.16	60.00	-17.84	QP	
11	13.5618	32.47	19.87	52.34	60.00	-7.66	QP	
12	13.5618	23.19	19.87	43.06	50.00	-6.94	AVG	

Conducted Emission Test Data

Test Site: 1# Shielded Room
Operating Condition: 13.56MHz
Test Specification: 3.3VDC by Debug board from adapter input 120VAC/60Hz
Comment: Neutral Line
Temp.(°C)/Hum.(%RH): 24.1°C/51%RH
Test Mode: ANT2
Fundamental



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1860	15.30	19.78	35.08	64.21	-29.13	QP	
2	0.2020	1.61	19.78	21.39	53.52	-32.13	AVG	
3	0.4220	14.46	19.80	34.26	57.41	-23.15	QP	
4	0.4220	4.16	19.80	23.96	47.41	-23.45	AVG	
5	1.3020	-0.93	19.84	18.91	46.00	-27.09	AVG	
6	1.4299	8.04	19.84	27.88	56.00	-28.12	QP	
7	4.4260	7.32	19.81	27.13	56.00	-28.87	QP	
8	4.6180	-2.95	19.80	16.85	46.00	-29.15	AVG	
9	9.7900	11.92	19.79	31.71	60.00	-28.29	QP	
10	9.7900	0.94	19.79	20.73	50.00	-29.27	AVG	
11	13.5618	28.19	19.87	48.06	60.00	-11.94	QP	
12	13.5618	24.01	19.87	43.88	50.00	-6.12	AVG	

4. Radiation Spurious Emission and Band Edge

4.1. Test Standard and Limit

Test Standard	FCC Part15 C Section 15.205, 15.209 and 15.225				
Test Limit	Frequency (MHz)	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz~0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz~88MHz	100	40.0	Quasi-peak	3
	88MHz~216MHz	150	43.5	Quasi-peak	3
	216MHz~960MHz	200	46.0	Quasi-peak	3
	960MHz~1000MHz	500	54.0	Quasi-peak	3
	Above 1000MHz	500	54.0	Average	3
		-	74.0	Peak	3
Remark: (1)The lower limit shall apply at the transition frequency. (2) 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.					

(a) The field strength of any emissions within the band 13.553–13.567 MHz shall not exceed 15,848 microvolts/meter at 30 meters.

(b) Within the bands 13.410–13.553 MHz and 13.567–13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters.

(c) Within the bands 13.110–13.410 MHz and 13.710–14.010 MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters.

(d) The field strength of any emissions appearing outside of the 13.110–14.010 MHz band shall not exceed the general radiated emission limits in §15.209.

Note:

(1) The tighter limit shall apply at the boundary between two frequency range.

(2) Limitation expressed in dBuV/m is calculated by $20\log$ Emission Level (uV/m).

(3) If measurement is made at 3m distance, then F.S Limitation at 3m distance is adjusted by using the formula of $Ld1 = Ld2 * (d2/d1)^2$.

Example:

F.S Limit at 30m distance is 30uV/m, then F.S Limitation at 3m distance is adjusted as

$$Ld1 = L1 = 30\text{uV/m} * (10)^2 = 100 * 30 \text{ uV/m}$$

4.2. Test Setup

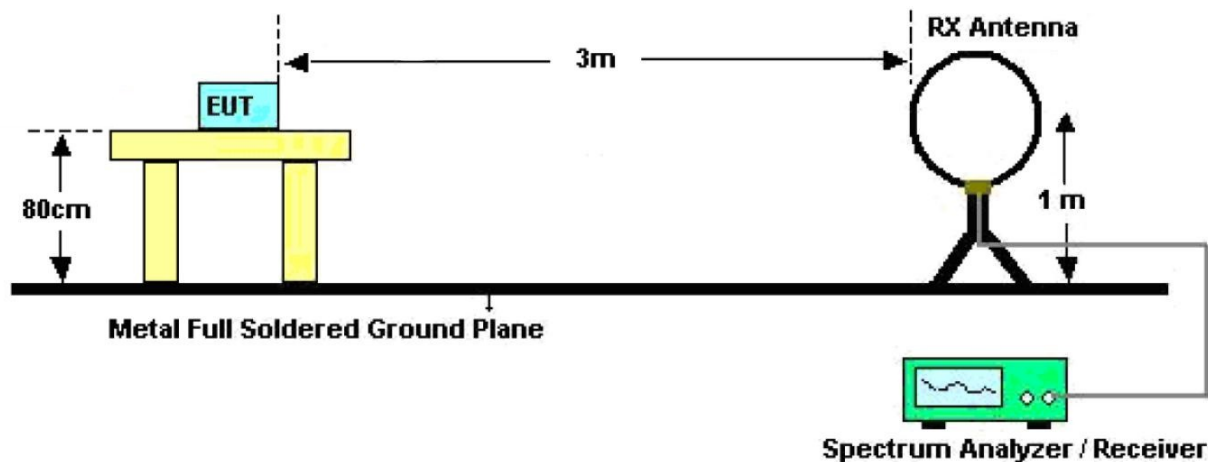


Figure 1. Below 30MHz

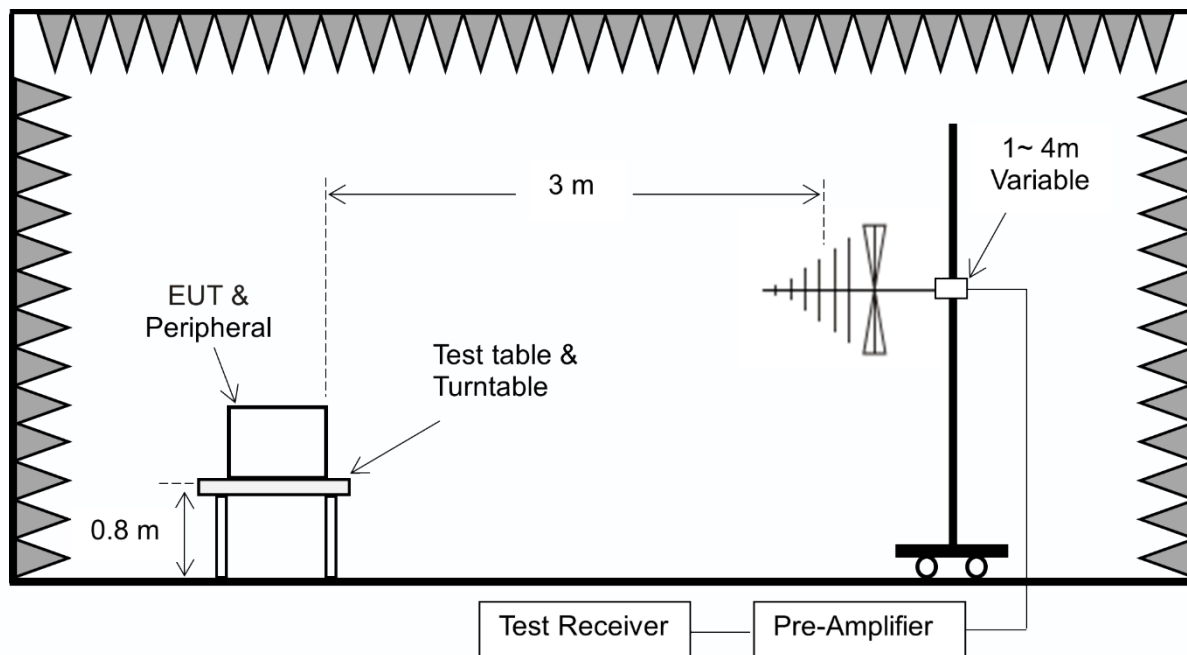


Figure 2. 30MHz to 1GHz

4.3. Test Procedure

For below 1GHz: The EUT is placed on a turntable, which is 0.8m above the ground plane.

The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Rotated the EUT through three orthogonal axes to determine the maximum emissions, both horizontal and vertical polarization of the antenna are set on test. The EUT is tested in 9*6*6 Chamber. The device is evaluated in xyz orientation.

For 9kHz to 150kHz, Set the spectrum analyzer as:

RBW = 200Hz, VBW = 1kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 150kHz to 30MHz, Set the spectrum analyzer as:

RBW = 9KHz, VBW =30kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

For 30MHz to 1000MHz, Set the spectrum analyzer as:

RBW = 100kHz, VBW =300kHz, Detector= Quasi-Peak, Trace mode= Max hold, Sweep- auto couple.

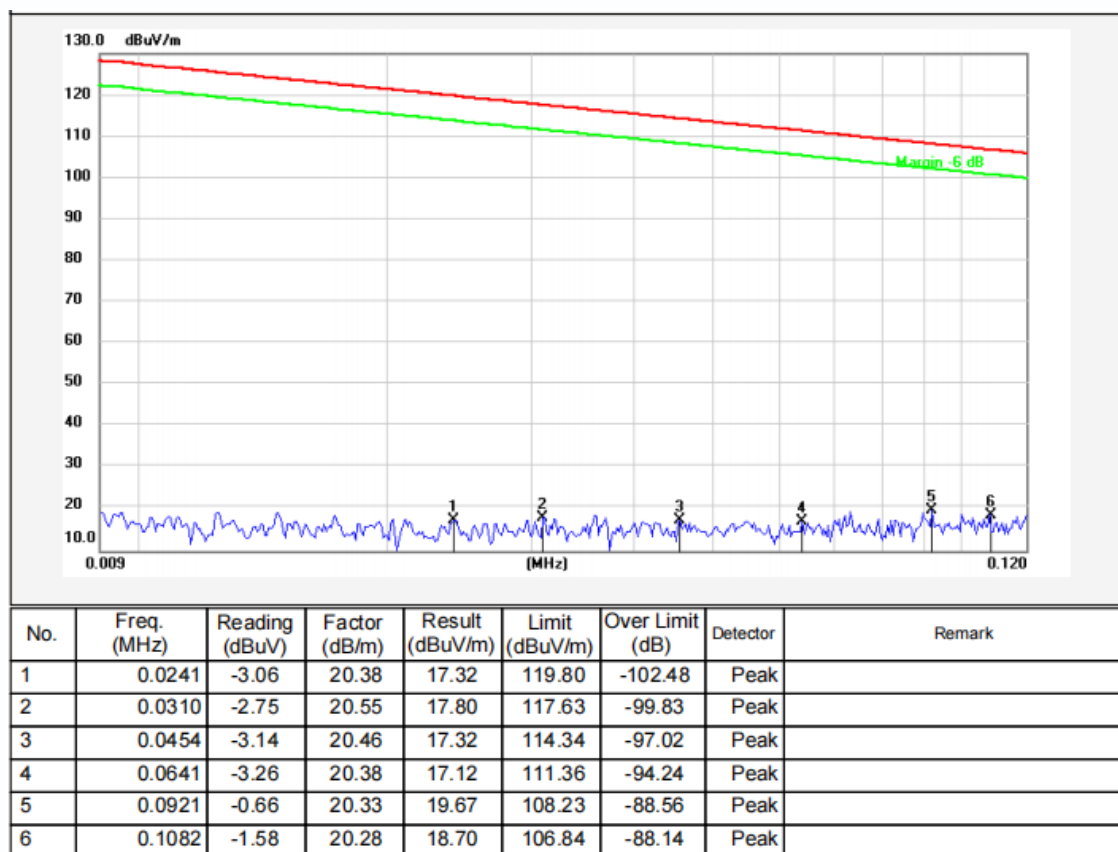
4.4. Test Data

PASS

During the test, Pre-scan all kind of the place mode (coplane, coaxial), and found the coaxial is the worst case.

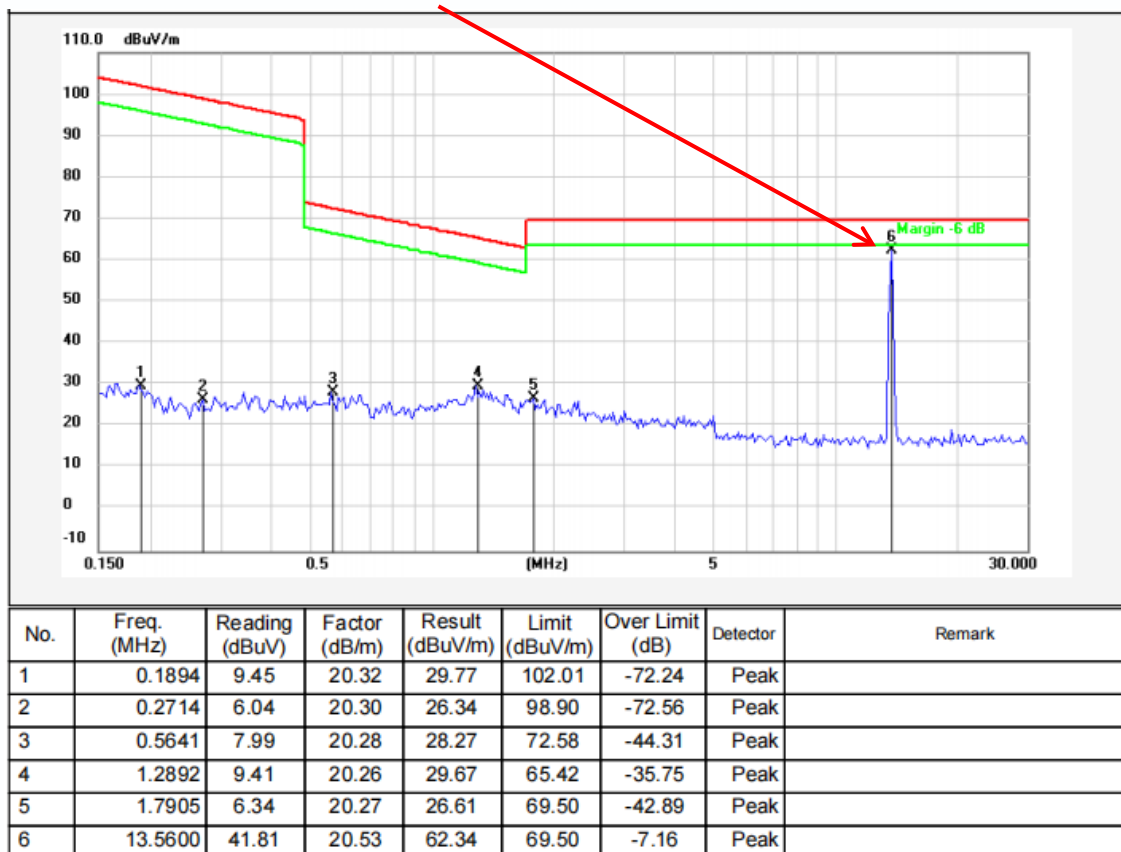
Test Results (9KHz~0.15MHz)

Test Mode: 13.56MHz
Power Source: 3.3VDC by Debug board from adapter input 120VAC/60Hz
Polarization: Coaxial
Temp.(°C)/Hum.(%RH): 25.1°C/52%RH
Test Mode: ANT1



Test Results (0.15MHz~30MHz)

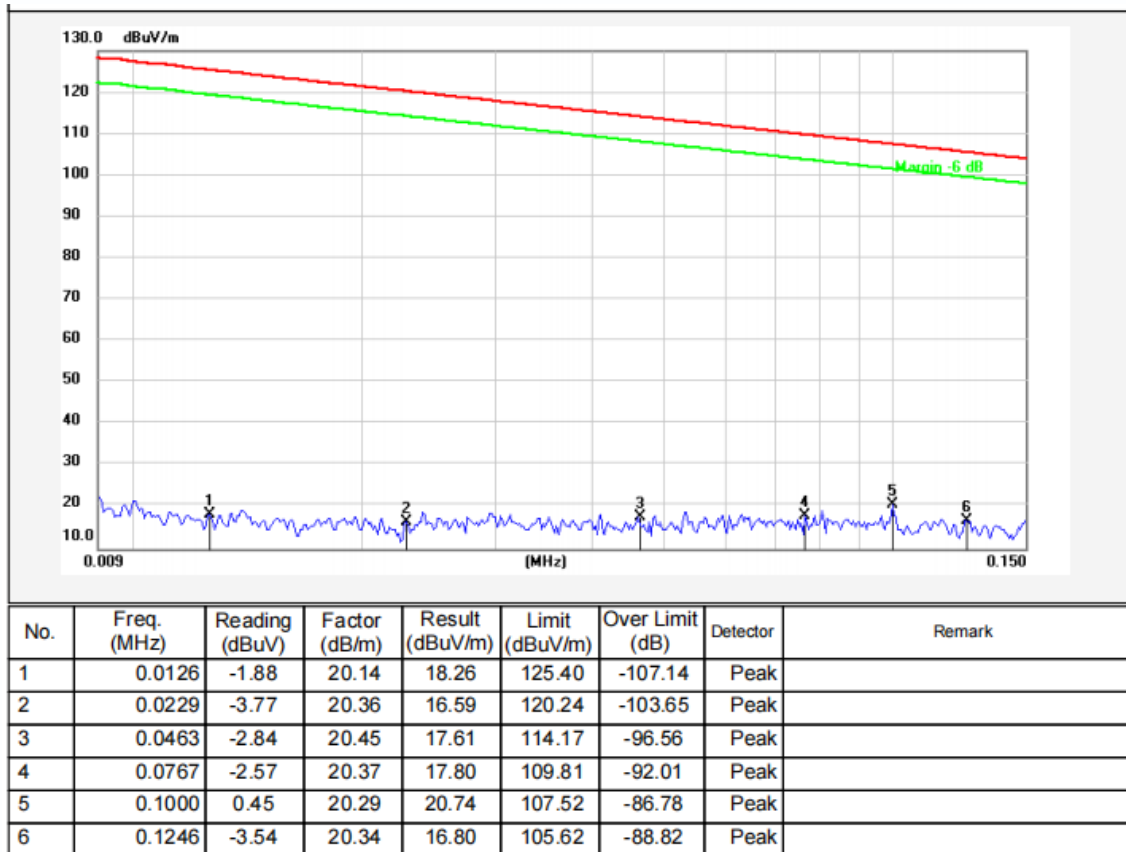
Test Mode: 13.56MHz
Power Source: 3.3VDC by Debug board from adapter input 120VAC/60Hz
Polarization: Coaxial
Temp.(°C)/Hum.(%RH): 25.1°C/52%RH
Test Mode: ANT1
Fundamental



Remark: According to FCC PART 15.209 (d), the emission limits for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz, Radiated emission limits in these three bands are based on measurements employing an average detector.

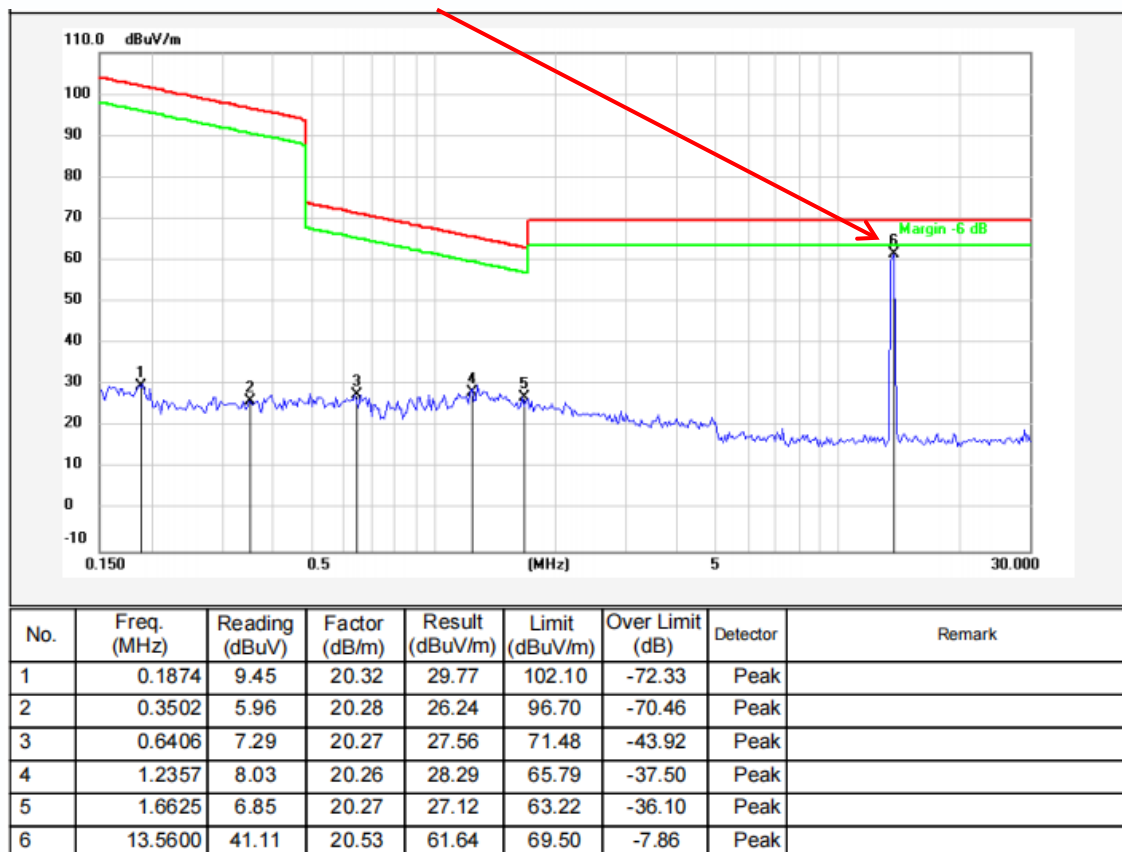
Test Results (9KHz~0.15MHz)

Test Mode: 13.56MHz
Power Source: 3.3VDC by Debug board from adapter input 120VAC/60Hz
Polarization: Coplane
Temp.(°C)/Hum.(%RH): 25.1°C/52%RH
Test Mode: ANT2



Test Results (0.15MHz~30MHz)

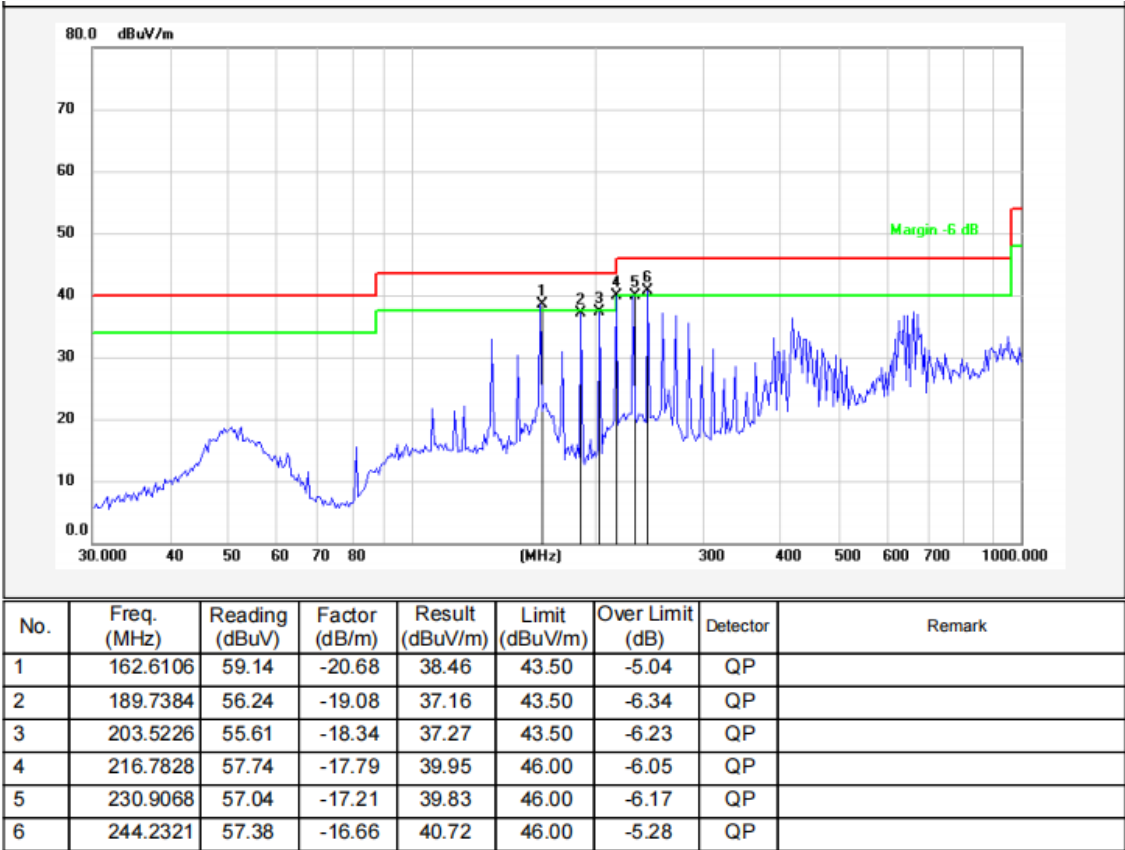
Test Mode: 13.56MHz
Power Source: 3.3VDC by Debug board from adapter input 120VAC/60Hz
Polarization: Coplane
Temp.(°C)/Hum.(%RH): 25.1°C/52%RH
Test Mode: ANT2
Fundamental



Remark: According to FCC PART 15.209 (d), the emission limits for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz, Radiated emission limits in these three bands are based on measurements employing an average detector.

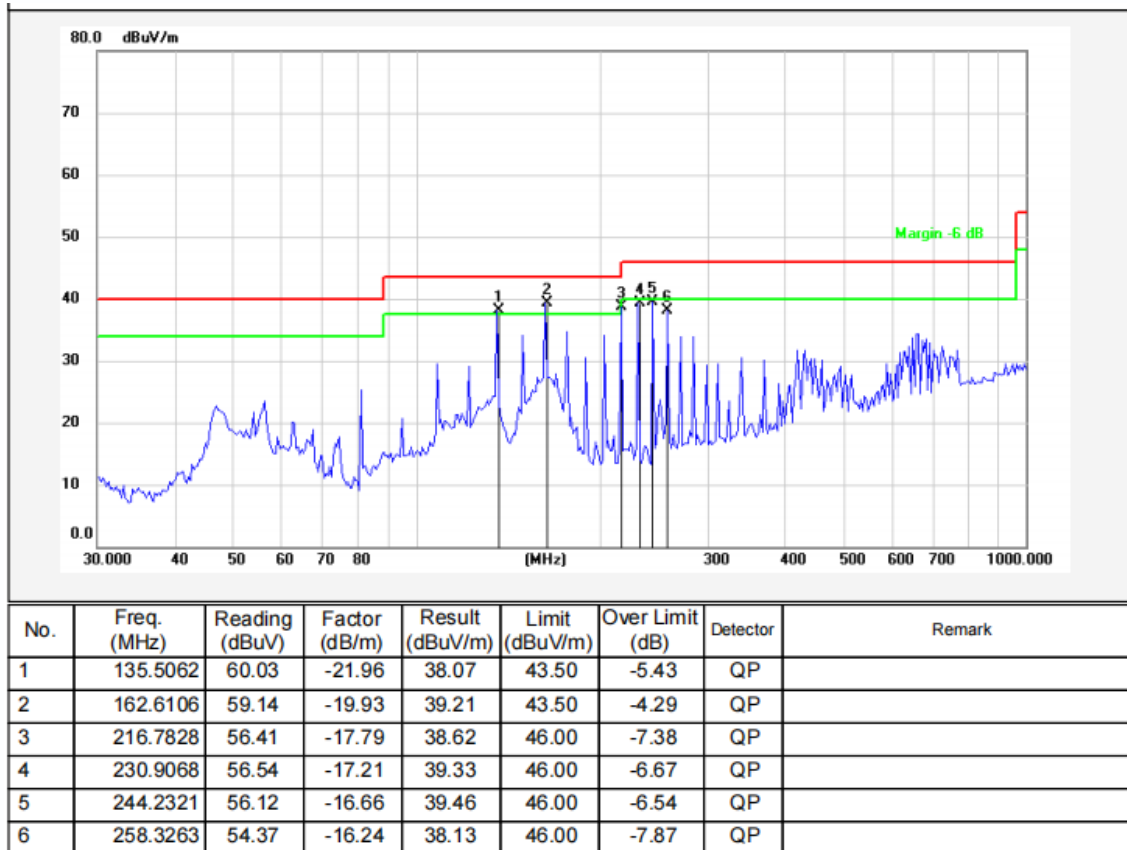
Test Results (30~1000MHz)

Test Mode: 13.56MHz
Power Source: 3.3VDC by Debug board from adapter input 120VAC/60Hz
Polarization: Horizontal
Temp.(°C)/Hum.(%RH): 23.5°C/52%RH
Test Mode: ANT1



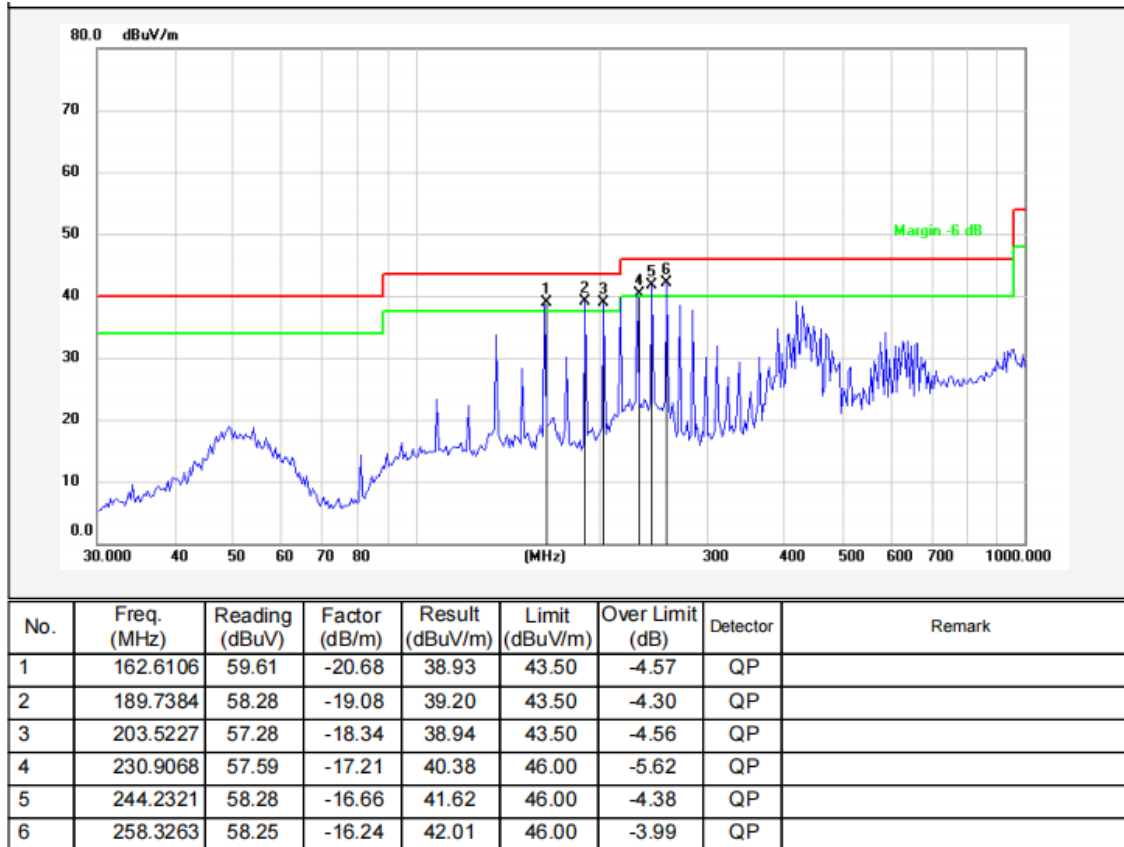
Test Results (30~1000MHz)

Test Mode: 13.56MHz
Power Source: 3.3VDC by Debug board from adapter input 120VAC/60Hz
Polarization: Vertical
Temp.(°C)/Hum.(%RH): 23.5°C/52%RH
Test Mode: ANT1



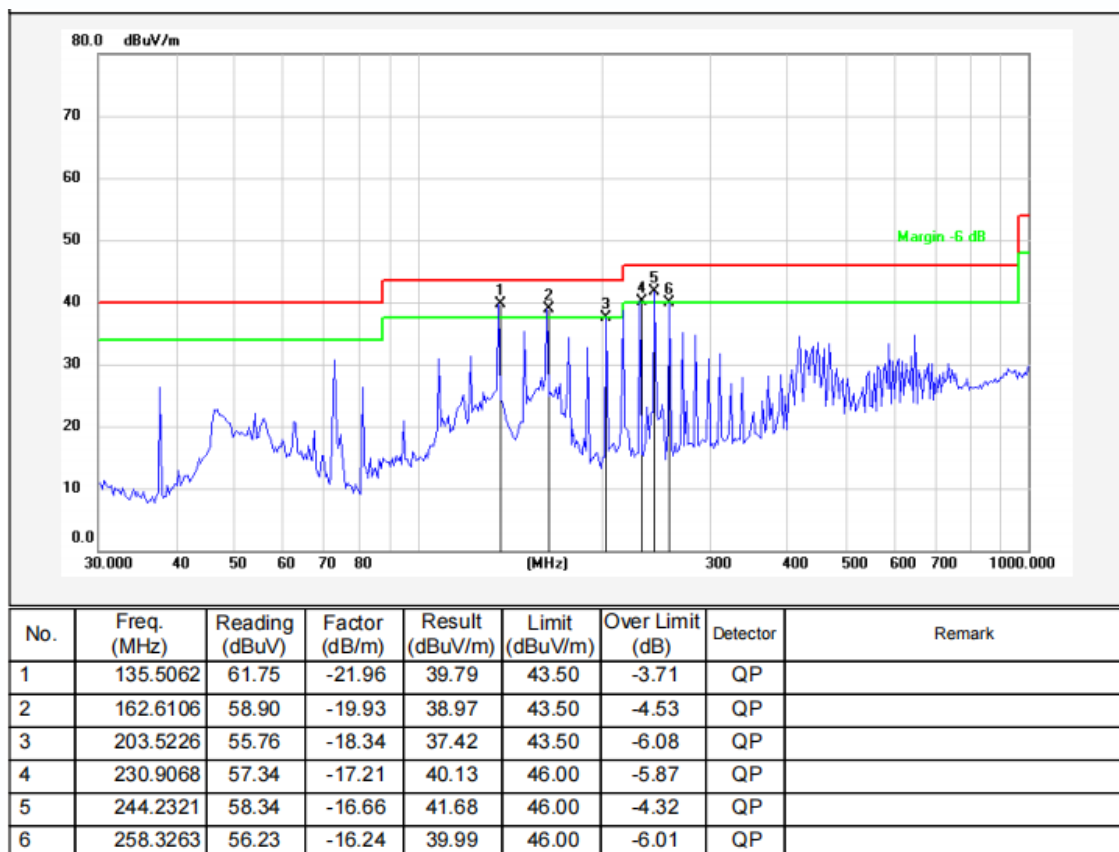
Test Results (30~1000MHz)

Test Mode: 13.56MHz
Power Source: 3.3VDC by Debug board from adapter input 120VAC/60Hz
Polarization: Horizontal
Temp.(°C)/Hum.(%RH): 23.5°C/52%RH
Test Mode: ANT2



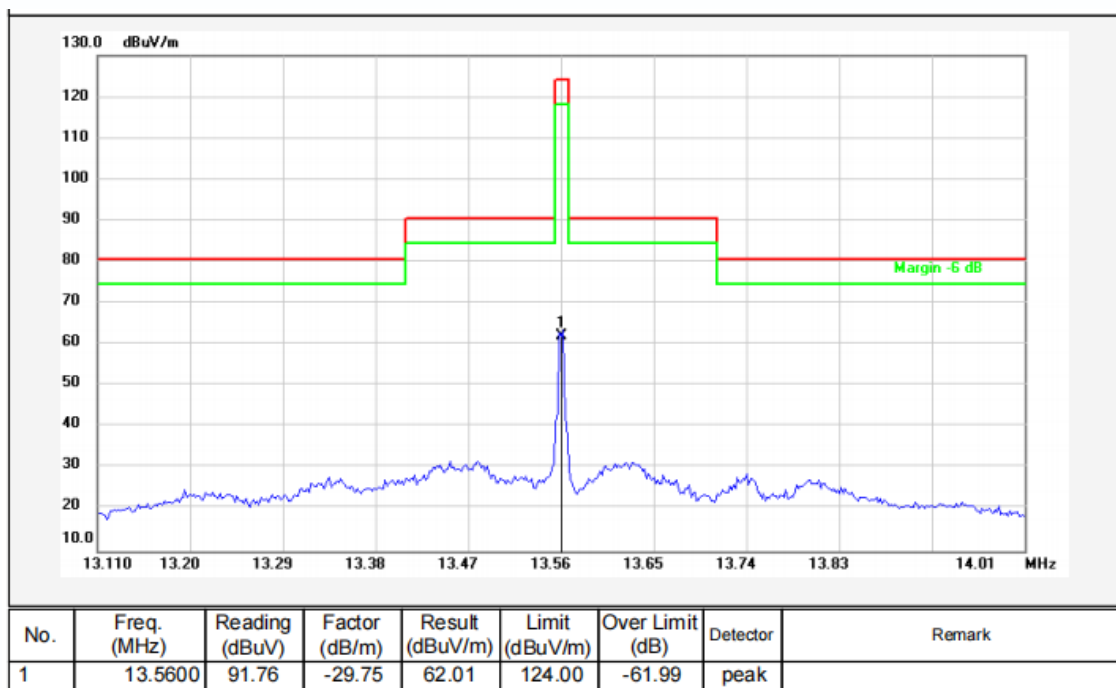
Test Results (30~1000MHz)

Test Mode: 13.56MHz
Power Source: 3.3VDC by Debug board from adapter input 120VAC/60Hz
Polarization: Vertical
Temp.(°C)/Hum.(%RH): 23.5°C/52%RH
Test Mode: ANT2

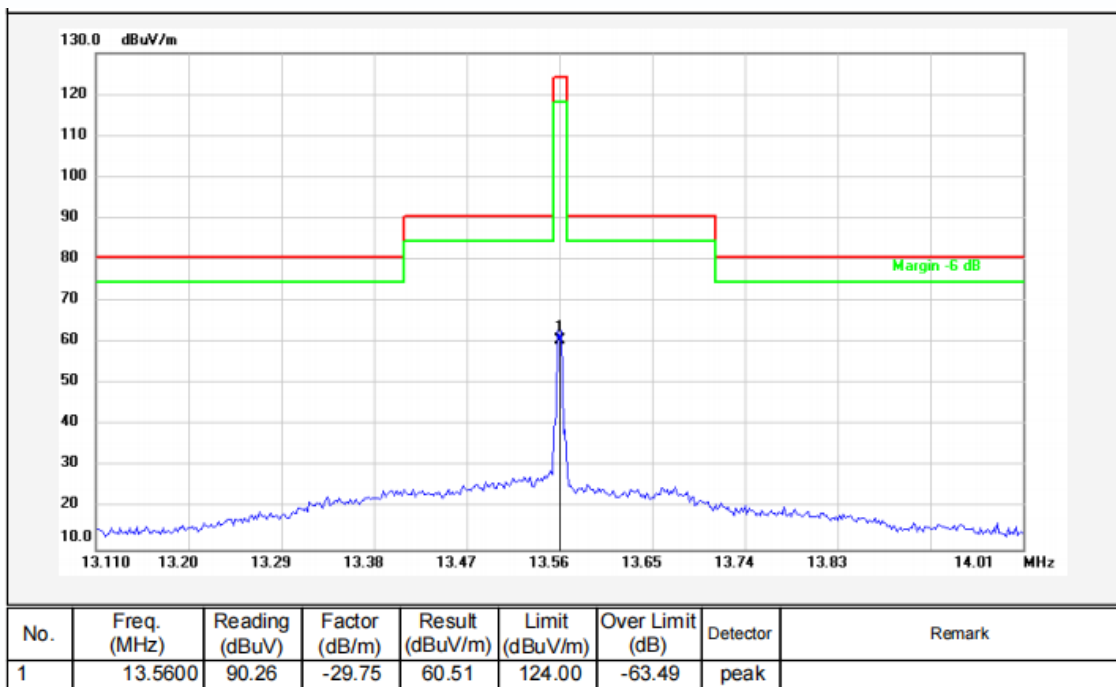


Test Results (Inband)

Test Mode: ANT1



Test Mode: ANT2

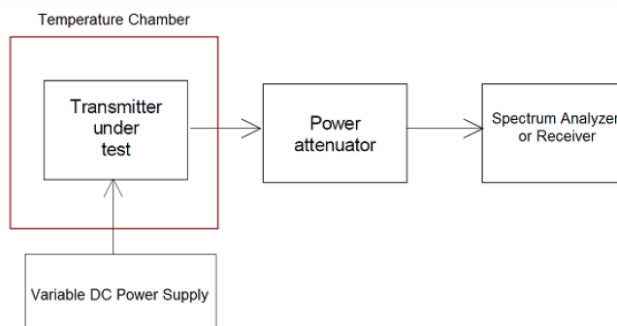


5. Frequency Tolerance

5.1. Test Requirement

Test Standard	FCC Part15 C Section 15.225(e)
Test Limit	±0.01% (100ppm)

5.2. Test Setup



5.3. Test Procedure

Let the EUT works on temperature variation of -20 degrees to + 50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

5.4. Test Data

Temperature:	23.5 °C	Humidity:	52 %	Atmospheric Pressure:	101 kPa
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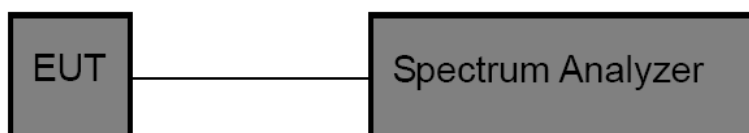
Voltage (VDC)	Temperature (°C)	Frequency Measured (MHz)	Test data (ppm)	Limit (ppm)	Verdict
3.30	-20	13.560728	53.71	±100	PASS
	-10	13.560674	49.70	±100	PASS
	0	13.560639	47.15	±100	PASS
	+10	13.560612	45.15	±100	PASS
	+20	13.560595	43.88	±100	PASS
	+30	13.560652	48.06	±100	PASS
	+40	13.560689	50.80	±100	PASS
	+50	13.560654	48.25	±100	PASS
2.81	+20	13.560731	53.89	±100	PASS
3.80	+20	13.560694	51.16	±100	PASS

6. 20dB Occupy Bandwidth Test

6.1. Test Standard and Limit

Test Standard	FCC Part15 C Section 15.215(c)
Test Limit	N/A

6.2. Test Setup



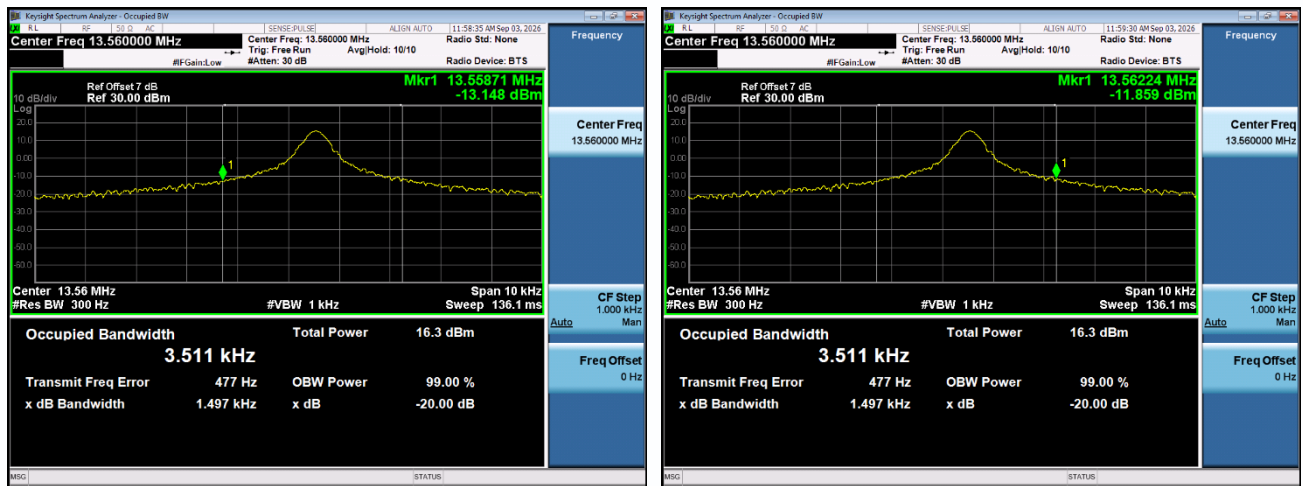
6.3. Test Procedure

1. Place the EUT on the table and set it in the transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as:
 - RBW = 1% to 5% of the OBW, $VBW \geq 3 \times RBW$,
 - Span= $2 \times OBW \sim 5 \times OBW$
 - Detector= Peak
 - Trace mode= Max hold.
 - Sweep- auto couple.
4. Mark the peak frequency and -20dB (upper and lower) frequency.
5. Repeat until all the rest channels are investigated.

6.4. Test Data

Temperature:	25.3 °C	Humidity:	48 %	Atmospheric Pressure:	101 kPa
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Freq. (MHz)	20dB Bandwidth (kHz)	99% Bandwidth (kHz)	Limit (kHz)	Conclusion
13.56	1.497	3.511	N/A	PASS



Note: The measured signal is Cw-like, adjusting the RBW per C63.10 would not be practical since measurement bandwidth will always follow the RBW. The RBW is set to 300Hz to perform the occupied bandwidth test.

7. Antenna Requirement

7.1. Test Standard and Requirement

Test Standard	FCC Part15 Section 15.203
Requirement	1) 15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, 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.

7.2. Antenna Connected Construction

The antenna are FPC Antennas which permanently attached, and comply with the standard requirement.

APPENDIX I -- TEST SETUP PHOTOGRAPH

Please refer to separated files Appendix I -- Test Setup Photograph_RF

APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files Appendix III -- Internal Photograph

----- End of Report -----

