

TEST REPORT

Product Name : 75inch indoor floor standing double-sided kiosk
Model Number : 75AMVF62-P03-Bk, 75AMVF74-P03,
75AMVF76-P03
FCC ID : 2ASBQ-75AMVF62

Prepared for : Shanghai I-Pivot Intelligent Technology Co., Ltd
Address : Room 404, Unit 62, No. 4499 Dushi Road, Minhang District,
Shanghai, China

Prepared by : EMTEK (SHENZHEN) CO., LTD.
Address : Building 69, Majialong Industry Zone, Nanshan District,
Shenzhen, Guangdong, China

Tel: (0755) 26954280
Fax: (0755) 26954282

Report Number : ENS2512300323W00101R
Date(s) of Tests : January 16, 2026 to February 2, 2026
Date of issue : February 2, 2026

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TEST RESULT CERTIFICATION

Applicant : Shanghai I-Pivot Intelligent Technology Co., Ltd
Address : Room 404, Unit 62, No. 4499 Dushi Road, Minhang District, Shanghai, China
Manufacturer : Shenzhen I-Pivot Intelligent Technology Co., Ltd
Address : 2nd Floor, Building 2A, Dacheng Industrial Zone, No. 357 Jihua Rd, Longgang District, Shenzhen, Guangdong, China
EUT : 75inch indoor floor standing double-sided kiosk
Model Name : 75AMVF62-P03-Bk, 75AMVF74-P03, 75AMVF76-P03
Trademark : N/A

Measurement Procedure Used:

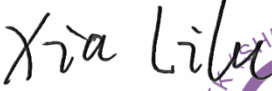
APPLICABLE STANDARDS	
STANDARD	TEST RESULT
FCC 47 CFR Part 2, Subpart J FCC 47 CFR Part 15, Subpart C	PASS

The above equipment was tested by EMTEK(SHENZHEN) 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 the requirements of FCC Rules Part 2 and Part 15.225.

The test results of this report relate only to the tested sample identified in this report.

Date of Test : January 16, 2026 to February 2, 2026

Prepared by : 
Cai Zefeng /Editor

Reviewer : 
Xia Lili /Supervisor

Approved & Authorized Signer : 
Wang Li /Manager

Modified Information

Version	Report No.	Revision Date	Summary
Ver1.0	ENS2512300323W00101R	/	Original Report



1 EUT TECHNICAL DESCRIPTION

Product:	75inch indoor floor standing double-sided kiosk
Model Number:	75AMVF62-P03-Bk, 75AMVF74-P03, 75AMVF76-P03
Power Supply	AC 100-240V, 50/60Hz
Test Voltage	AC 120V/60Hz
Channel Frequency::	13.56MHz
Antenna Type:	PCB antenna
Antenna Gain:	0 dBi
Temperature Range:	-10°C~+40°C

Note: For more details, please refer to the user's manual of the EUT.



2 SUMMARY OF TEST RESULT

FCC Part Clause	Test Parameter	Verdict	Remark
2.1049	Occupied Bandwidth	PASS	
15.225(e)	Frequency stability	PASS	
15.225(d) 15.209	Radiated Spurious Emissions	PASS	
15.207	Conducted Emission	PASS	
15.203	Antenna Application	PASS	
NOTE: N/A (Not Applicable)			

RELATED SUBMITTAL(S) / GRANT(S):

This submittal(s) (test report) is intended for FCC ID: 2ASBQ-75AMVF62 filing to comply with Section 15.225 of the FCC Part 15, Subpart C Rules.



3 TEST METHODOLOGY

3.1 GENERAL DESCRIPTION OF APPLIED STANDARDS

According to its specifications, the EUT must comply with the requirements of the following standards:
FCC 47 CFR Part 2, Subpart J
FCC 47 CFR Part 15, Subpart C

3.2 MEASUREMENT EQUIPMENT USED

For Conducted Emission Test Equipment

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
EMI Test Receiver	Rohde & Schwarz	ESCI	101045	2025/5/9	1Year
PULSE LIMITER	Rohde & Schwarz	ESH3-Z2	100107	2025/5/9	1Year
AMN	Rohde & Schwarz	ESH3-Z5	100191	2025/5/9	1Year
AMN	Schwarzbeck	NNLK 8129	8129203	2025/5/9	1Year
V-Network	Rohde & Schwarz	ESH3-Z6	100011	2025/5/9	1Year
V-Network	Rohde & Schwarz	ESH3-Z6	100253	2025/5/9	1Year

For Spurious Emissions Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Pre-Amplifier	HP	8447F	2944A07999	2025/5/9	1Year
EMI Test Receiver	Rohde & Schwarz	ESCI	101414	2025/5/9	1Year
Bilog Antenna	Schwarzbeck	VULB9163	712	2025/7/5	2 Year
Horn antenna	Schwarzbeck	BBHA9120D	9120D-1178	2025/8/9	2 Year
Pre-Amplifier	Bonn	BLMA 0118-5G	2213967B-01	2025/10/16	1Year
Spectrum Analyzer	Rohde & Schwarz	FSV40	100967	2025/5/9	1Year
Horn antenna	Schwarzbeck	BBHA9170	9170-399	2025/5/13	2 Year
Loop Antenna	Schwarzbeck	FMZB1519	1519-012	2025/5/13	2 Year
Coaxial Cable	TIMES	NmNm-7-C1570 2	N/A	2025/5/22	1Year
Coaxial Cable	TIMES	HF290-NMSM-6. 5M	N/A	2025/5/22	1Year
Coaxial Cable	TIMES	LMR-240 N-N	N/A	2025/5/22	1Year

For other test items:

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Wideband Radio Communication Tester	R&S	CMW500	171168	2025/9/9	1 Year
Frequency Extender	R&S	CMW-Z800A	100430	2025/9/9	1 Year
Spectrum Analyzer	R&S	FSV3044	101290	2025/10/16	1 Year
Analog Signal Generator	R&S	SMB100A	183237	2025/9/9	1 Year
Vector Signal Generator	R&S	SMM100A	101808	2025/9/9	1 Year
RF Control Unit	Tonscend	JS0806-2	22C8060567	2025/5/10	1 Year
Temperature&Humidity Chamber	ESPEC	EL-02KA	12107166	2025/5/10	1 Year
Wideband Radio Communication Tester	R&S	CMW500	171168	2025/9/9	1 Year

3.3 DESCRIPTION OF TEST MODES

The EUT has been tested under its typical operating condition.

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.

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

Pre-defined engineering program for regulatory testing used to control the EUT for staying in continuous transmitting mode is programmed.



4 FACILITIES AND ACCREDITATIONS

4.1 FACILITIES

All measurement facilities used to collect the measurement data are located at

EMTEK (Shenzhen) Co., Ltd.

Building 69, Majialong Industry Zone District, Nanshan District, Shenzhen, China

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 and CISPR Publication 22.

4.2 EQUIPMENT

Radiated emissions are measured with one or more of the following types of linearly polarized antennas: tuned dipole, biconical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with preselectors and quasi-peak detectors are used to perform radiated measurements.

Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers.

Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

4.3 LABORATORY ACCREDITATIONS AND LISTINGS

Site Description
EMC Lab.

Accredited by CNAS

The Certificate Registration Number is L2291

The Laboratory has been assessed and proved to be in compliance with CNAS-CL01 (identical to ISO/IEC 17025:2017)

Accredited by FCC

Designation Number: CN1204

Test Firm Registration Number: 882943

Accredited by A2LA

The Certificate Number is 4321.01

Accredited by Industry Canada

The Conformity Assessment Body Identifier is CN0008

Name of Firm

: EMTEK (SHENZHEN) CO., LTD.

Site Location

: Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China

5 TEST SYSTEM UNCERTAINTY

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

Parameter	Uncertainty
Radio Frequency	$\pm 1 \times 10^{-5}$
Conducted Emissions Test	$\pm 2.0\text{dB}$
Radiated Emission Test	$\pm 2.0\text{dB}$
Occupied Bandwidth Test	$\pm 1.0\text{dB}$
All emission, radiated	$\pm 3\text{dB}$
Temperature	$\pm 0.5^\circ\text{C}$
Humidity	$\pm 3\%$

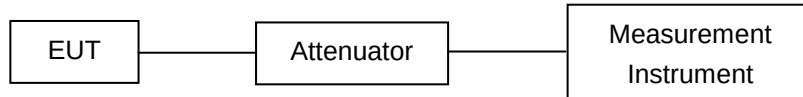
Measurement Uncertainty for a level of Confidence of 95%



6 SETUP OF EQUIPMENT UNDER TEST

6.1 RADIO FREQUENCY TEST SETUP 1

The component's antenna ports(s) of the EUT are connected to the measurement instrument per an appropriate attenuator. The EUT is controlled by PC/software to emit the specified signals for the purpose of measurements.



6.2 RADIO FREQUENCY TEST SETUP 2

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.10. The test distance is 3m. The setup is according to the requirements in Section 13.1.4.1 of ANSI C63.10-2020 and CAN/CSA-CEI/IEC CISPR 22.

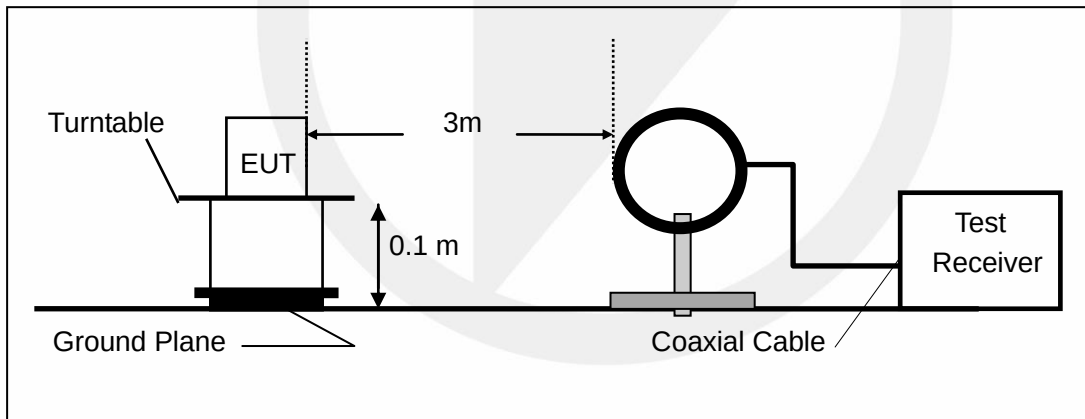
Below 30MHz:

The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna (loop antenna). The Antenna should be positioned with its plane vertical at the specified distance from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. The center of the loop shall be 1 m above the ground. For certain applications, the loop antenna plane may also need to be positioned horizontally at the specified distance from the EUT.

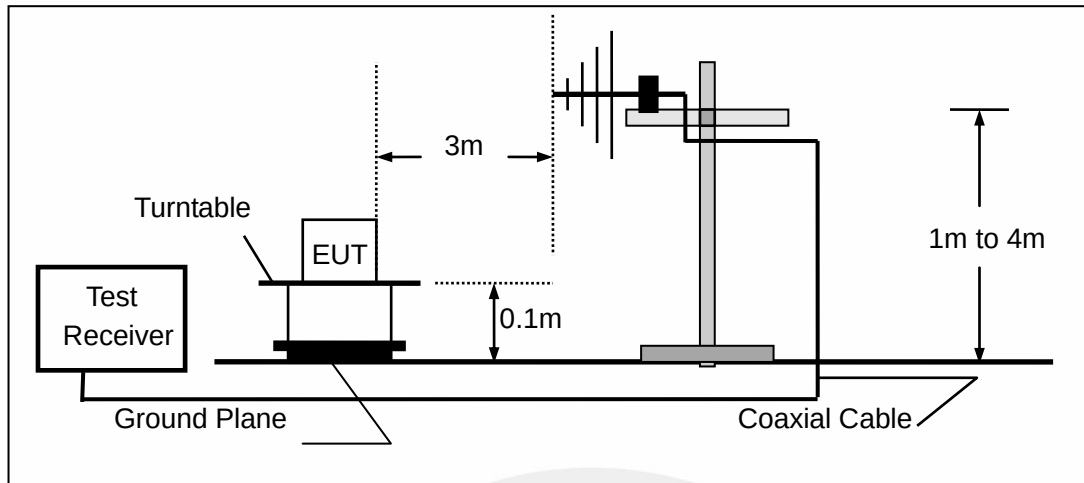
Above 30MHz:

The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).

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



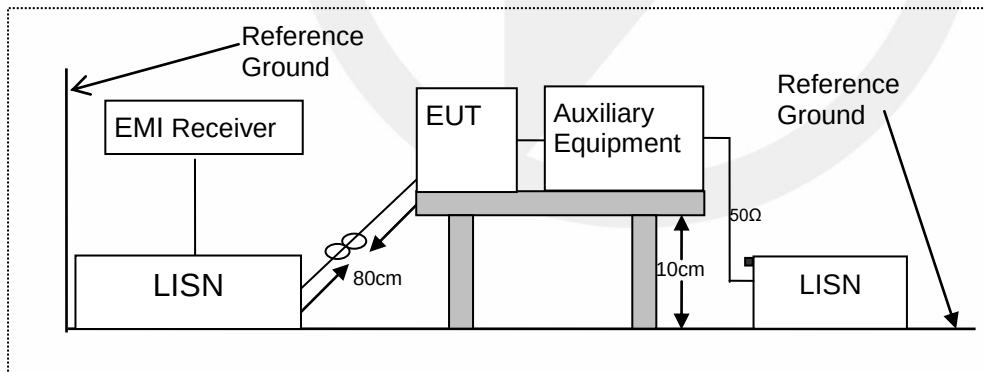
(b) Radiated Emission Test Set-Up, Frequency Below 1000MHz



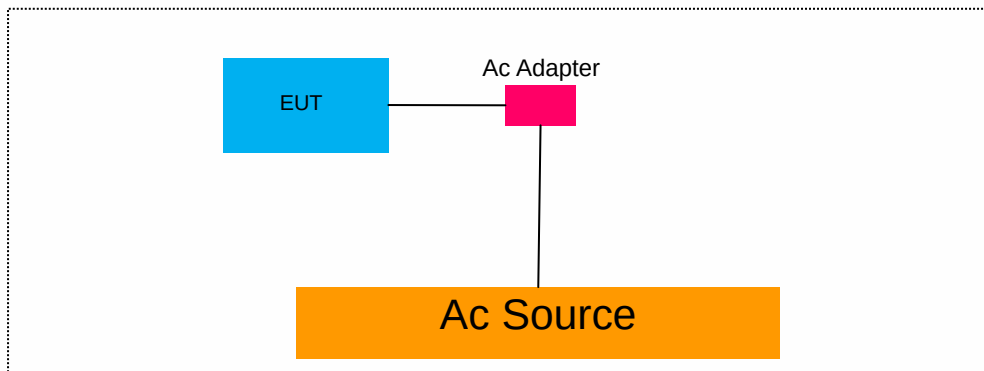
6.3 CONDUCTED EMISSION TEST SETUP

The mains cable of the EUT (maybe per AC/DC Adapter) must be connected to LISN. The LISN shall be placed 0.8 m from the boundary of EUT and bonded to a ground reference plane for LISN mounted on top of the ground reference plane. This distance is between the closest points of the LISN and the EUT. All other units of the EUT and associated equipment shall be at least 0.8m from the LISN. Ground connections, where required for safety purposes, shall be connected to the reference ground point of the LISN and, where not otherwise provided or specified by the manufacturer, shall be of same length as the mains cable and run parallel to the mains connection at a separation distance of not more than 0.1 m.

According to the requirements in ANSI C63.10-2020 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode.



6.4 BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEM



6.5 SUPPORT EQUIPMENT

EUT Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite

Auxiliary Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number

Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
3. Unless otherwise denoted as EUT in [Remark] column, device(s) used in tested system is a support equipment

7 TEST REQUIREMENTS

7.1 OCCUPIED BANDWIDTH

7.1.1 Applicable Standard

According to FCC Part 2.1049

7.1.2 Conformance Limit

No limit requirement.

7.1.3 Test Configuration

Test according to clause 6.1 radio frequency test setup 1

7.1.4 Test Procedure

The EUT was operating in transmit mode and controlled its channel. Printed out the test result from the spectrum by hard copy function.

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.

Set to the maximum power setting and enable the EUT transmit continuously

Set RBW = 1% occupied bandwidth(30Hz).

Set the video bandwidth (VBW) =3 times RBW .

Set Span= approximately 2 to 3 times the occupied bandwidth

Set Detector = Peak.

Set Trace mode = max hold.

Set Sweep = auto couple.

The EUT should be transmitting at its maximum data rate. Allow the trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. Use the marker-delta function to measure 99% down one side of the emission. Reset the markerdelta function, and move the marker to the other side of the emission, until it is (as close as possible to) even with the reference marker level. The marker-delta reading at this point is the 99% bandwidth of the emission.

If this value varies with different modes of operation (e.g., data rate, modulation format, etc.), repeat this test for each variation.

Measure and record the results in the test report.

7.1.5 Test Results

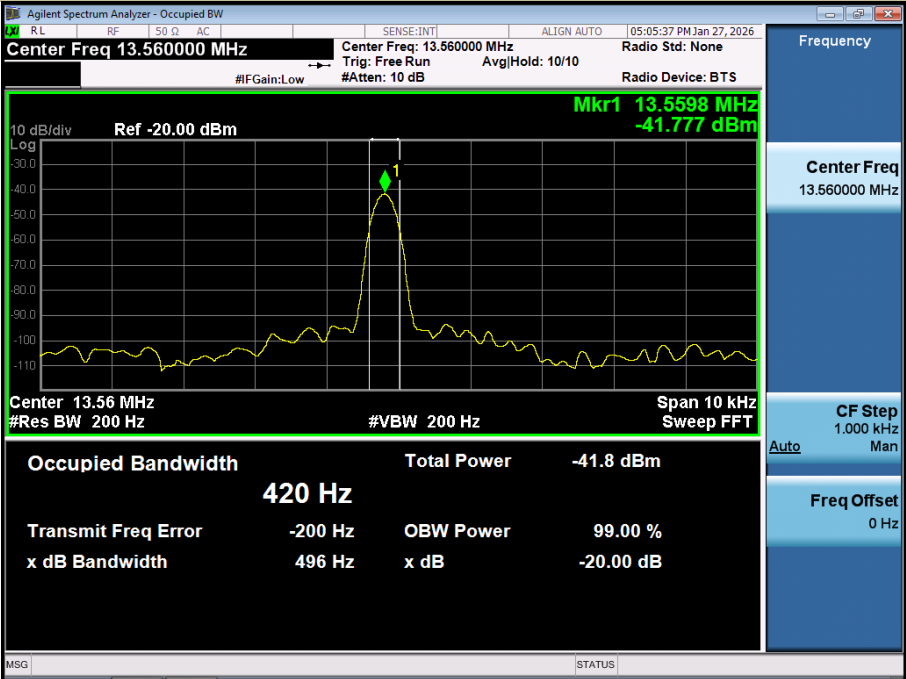
Temperature :	23.4℃	Test Date :	January 27, 2026
Humidity :	42 %	Test By:	CJJ

Modulation Mode	Channel Number	Channel Frequency (MHz)	Measurement Bandwidth (kHz)	Limit (kHz)	Verdict
ASK	0	13.56	0.420	N/A	PASS
Note: N/A (Not Applicable)					

Test Model

Occupied Bandwidth
Channel 0: 13.56MHz

ASK Modulation



7.2 FREQUENCY STABILITY

7.2.1 Applicable Standard

According to FCC Part 2.1055

7.2.2 Conformance Limit

According to part 15.225(e), The frequency tolerance of the carrier signal shall be maintained within $\pm 0.01\%$ of the operating frequency over a 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.

7.2.3 Test Configuration

Test according to clause 6.1 radio frequency test setup

7.2.4 Test Procedures

Connect the EUT to frequency analyzer via the antenna connector.
EUT was placed at temperature chamber and connected to an external power supply.
Temperature and voltage condition shall be tested to confirm frequency stability.

(a) Frequency measurements shall be made at the extremes of the specified temperature range and at intervals of not more than 10° centigrade through the range. A period of time sufficient to stabilize all of the components of the oscillator circuit at each temperature level shall be allowed prior to frequency measurement. The short-term transient effects on the frequency of the transmitter due to keying (except for broadcast transmitters) and any heating element cycling normally occurring at each ambient temperature level also shall be shown. Only the portion or portions of the transmitter containing the frequency determining and stabilizing circuitry need be subjected to the temperature variation test.

(b) The frequency stability shall be measured with variation of primary supply voltage as follows:

(1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment.

(2) For hand carried, battery powered equipment, reduce primary supply voltage to the battery operating end point, which shall be specified by the manufacturer.

7.2.5 Test Results

Operation Mode	Channel Number	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
		Voltage (V)	Temp (°C)				
ASK	CH0	Vnom	-20	13.559928	-72	-5.31	100
			-10	13.559945	-55	-4.06	100
			0	13.559888	-112	-8.26	100
			10	13.559896	-104	-7.67	100
			20	13.559904	-96	-7.08	100
			30	13.559927	-73	-5.38	100
			40	13.559931	-69	-5.09	100
			50	13.559932	-68	-5.01	100
		85% Vnom	20	13.559896	-104	-7.67	100
		115% Vnom	20	13.559924	-76	-5.60	100
VERDICT				PASS			

7.3 RADIATED SPURIOUS EMISSION

7.3.1 Applicable Standard

According to FCC Part 15.225 and 15.209

7.3.2 Conformance Limit

Field Strength of Fundamental Emissions and Spectrum Mask					
Emissions	($\mu\text{V/m}$)@30m	(dB $\mu\text{V/m}$)@30m	(dB $\mu\text{V/m}$)@10m	(dB $\mu\text{V/m}$)@3m	(dB $\mu\text{V/m}$)@1m
Fundamental	15848	84.0	103.1	124.0	143.1
Quasi peak measurement of the fundamental.					

Spectrum Mask					
Freq. of Emission (MHz)	($\mu\text{V/m}$)@30m	(dB $\mu\text{V/m}$)@30m	(dB $\mu\text{V/m}$)@10m	(dB $\mu\text{V/m}$)@3m	(dB $\mu\text{V/m}$)@1m
1.705~13.110	30	29.5	48.6	69.5	88.6
13.110~13.410	106	40.5	59.6	80.5	99.6
13.410~13.553	334	50.5	69.6	90.5	109.6
13.553~13.567	15848	84.0	103.1	124.0	143.1
13.567~13.710	334	50.5	69.6	90.5	109.6
13.710~14.010	106	40.5	59.6	80.5	99.6
14.010~30.000	30	29.5	48.6	69.5	88.6

According to FCC Part15.205, Restricted bands

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
10.495-0.505	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	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)
13.36-13.41			

According to FCC Part15.205, the level of any transmitter spurious emission in Restricted bands shall not exceed the level of the emission specified in the following table

Restricted Frequency(MHz)	Field Strength ($\mu\text{V/m}$)	Field Strength (dB $\mu\text{V/m}$)	Measurement Distance
0.009-0.490	2400/F(KHz)	48.5 - 13.8	300
0.490-1.705	24000/F(KHz)	33.8 - 23.0	30
1.705-30	30	29.5	30
30-88	100	40.0	3
88-216	150	43.5	3
216-960	200	46.0	3
Above 960	500	54.0	3

7.3.3 Test Configuration

Test according to clause 6.2 radio frequency test setup 2

7.3.4 Test Procedure

This test is required for any spurious emission that falls in a Restricted Band, as defined in Section 15.205. It must be performed with the highest gain of each type of antenna proposed for use with the EUT. Use the following spectrum analyzer settings:

The EUT was placed on a turn table which is 0.8m above ground plane.

Maximum procedure was performed on the highest emissions to ensure EUT compliance.

Span = wide enough to fully capture the emission being measured

RBW = 100 kHz for $f < 1$ GHz (30MHz to 1GHz), 200Hz for $f < 150$ KHz (9KHz to 150KHz), 9KHz for $f < 30$ MHz (150KHz to 30KHz)

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

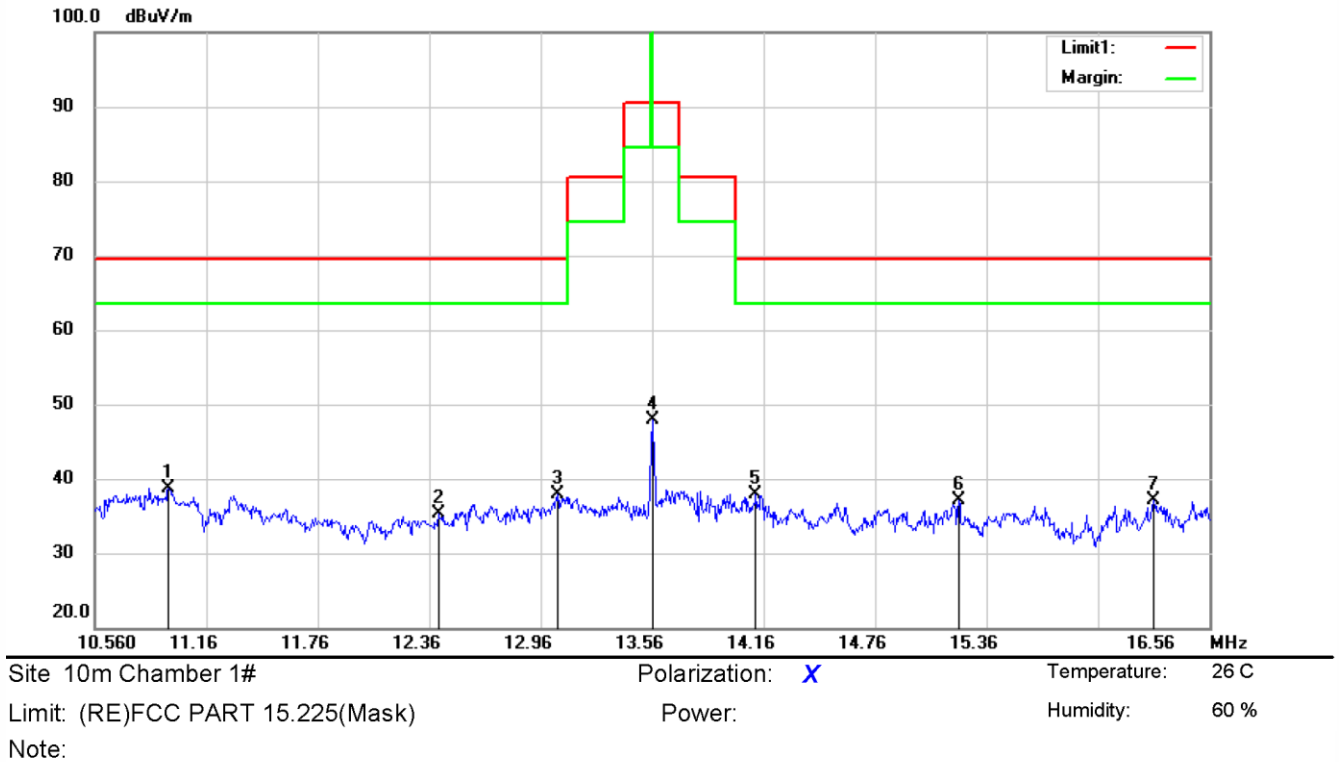
Follow the guidelines in ANSI C63.10-2020 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization, etc. A pre-amp and a high pass filter are required for this test, in order to provide the measuring system with sufficient sensitivity. Allow the trace to stabilize. The peak reading of the emission, after being corrected by the antenna factor, cable loss, pre-amp gain, etc., is the peak field strength, which must comply with the limit specified in Section 15.35(b). Submit this data.

Now set the VBW to 10 Hz, while maintaining all of the other instrument settings. This peak level, once corrected, must comply with the limit specified in Section 15.209. If the dwell time per channel of the hopping signal is less than 100 ms, then the reading obtained with the 10 Hz VBW may be further adjusted by a “duty cycle correction factor”, derived from $20\log(\text{dwell time}/100 \text{ ms})$, in an effort to demonstrate compliance with the 15.209 limit. Submit this data.

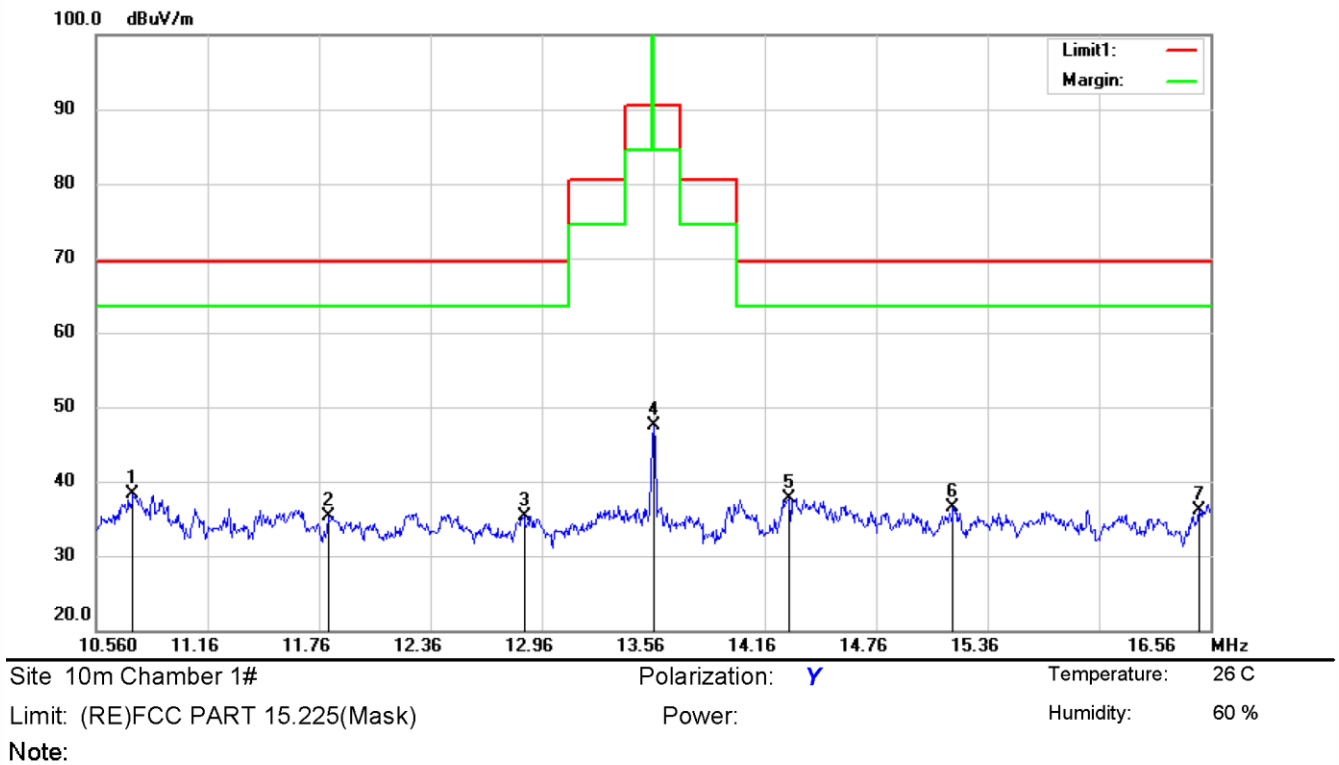
Repeat above procedures until all frequency measured was complete.

7.3.5 Test Results

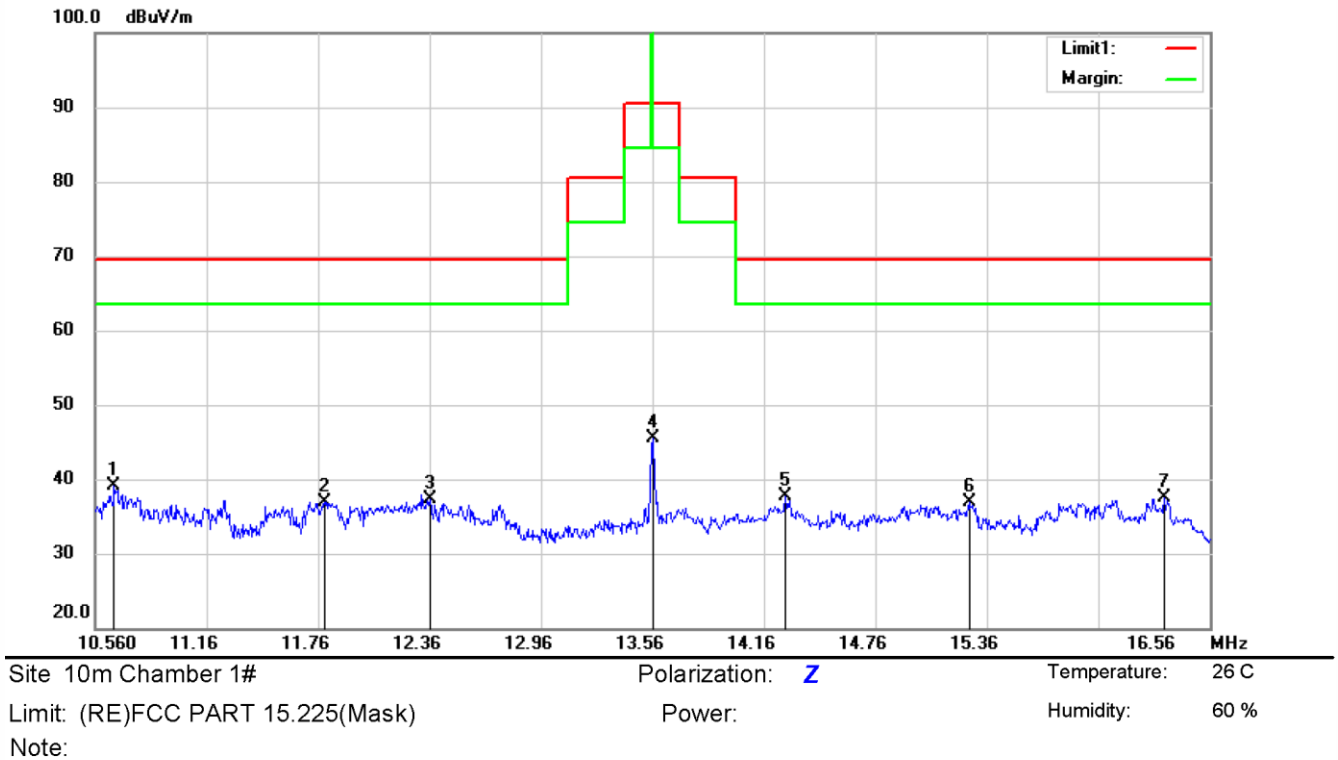
■ Field Strength of Fundamental Emissions and Spectrum Mask



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	10.9560	18.56	20.20	38.76	69.50	-30.74	peak			
2		12.4080	15.37	19.99	35.36	69.50	-34.14	peak			
3		13.0500	18.09	19.89	37.98	69.50	-31.52	peak			
4		13.5600	28.05	19.84	47.89	124.00	-76.11	peak			
5		14.1180	18.06	19.79	37.85	69.50	-31.65	peak			
6		15.2100	17.34	19.69	37.03	69.50	-32.47	peak			
7		16.2600	17.40	19.64	37.04	69.50	-32.46	peak			



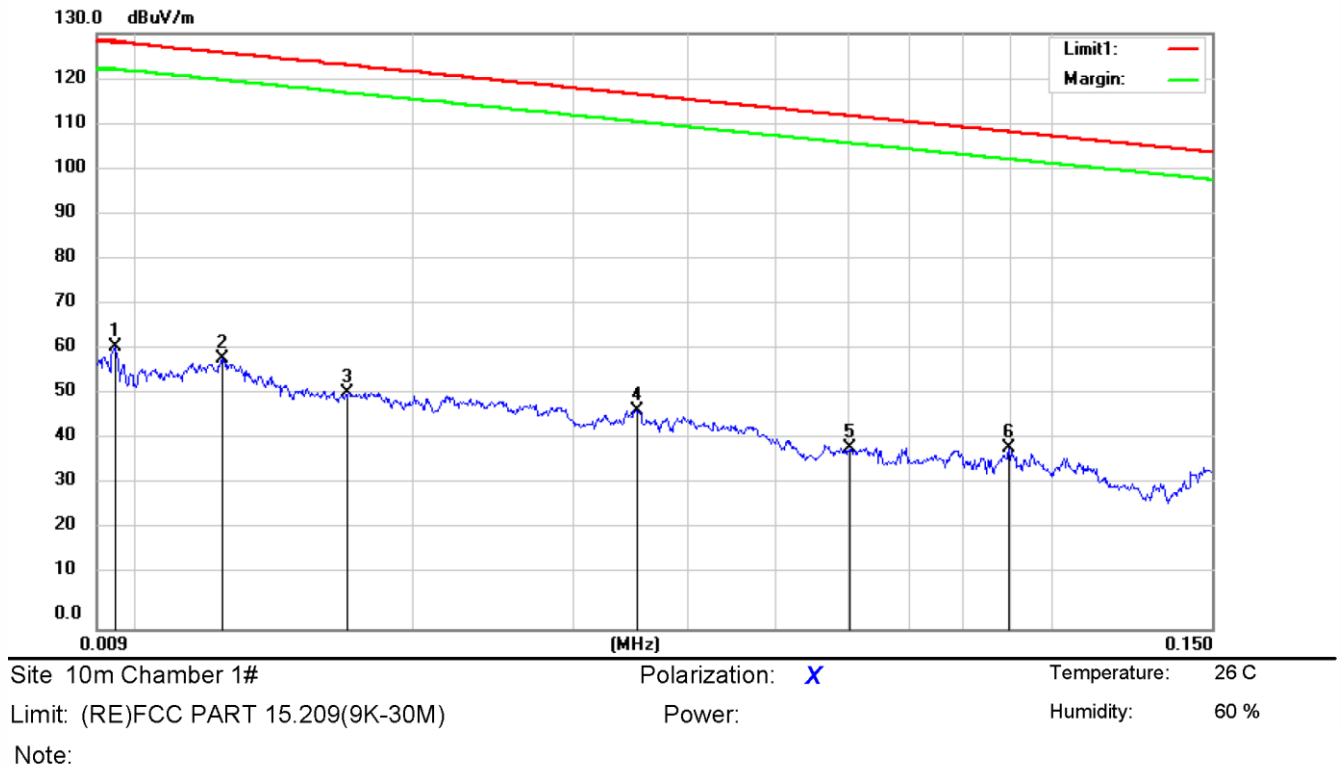
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	10.7580	18.03	20.20	38.23	69.50	-31.27	peak		
2		11.8080	15.17	20.08	35.25	69.50	-34.25	peak		
3		12.8640	15.33	19.92	35.25	69.50	-34.25	peak		
4		13.5600	27.61	19.84	47.45	124.00	-76.55	peak		
5		14.2920	18.01	19.77	37.78	69.50	-31.72	peak		
6		15.1740	16.78	19.69	36.47	69.50	-33.03	peak		
7		16.5000	16.43	19.63	36.06	69.50	-33.44	peak		



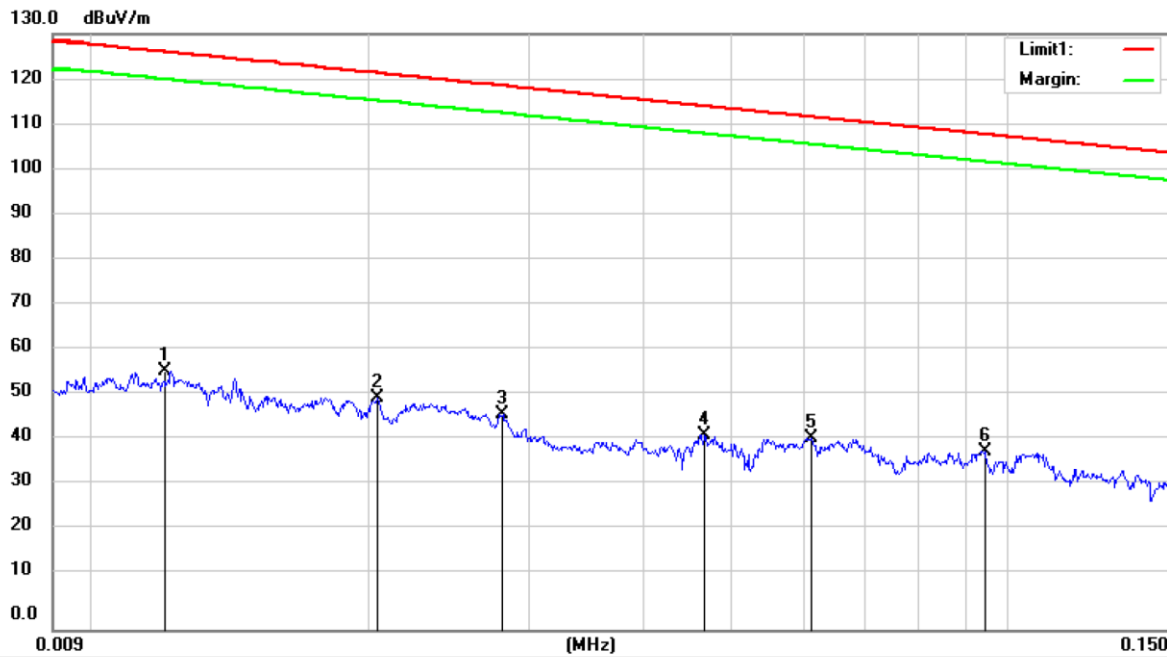
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	10.6620	18.81	20.20	39.01	69.50	-30.49	peak		
2		11.7960	16.89	20.08	36.97	69.50	-32.53	peak		
3		12.3600	17.28	20.00	37.28	69.50	-32.22	peak		
4		13.5600	25.68	19.84	45.52	124.00	-78.48	peak		
5		14.2740	17.89	19.77	37.66	69.50	-31.84	peak		
6		15.2640	17.18	19.69	36.87	69.50	-32.63	peak		
7		16.3140	17.92	19.63	37.55	69.50	-31.95	peak		

■ Spurious Emission below 150kHz (9KHz to 150kHz)

All mode have been tested, and the worst result was report as below:



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	0.0094	41.34	20.40	61.74	128.12	-66.38	peak			
2		0.0123	38.61	20.40	59.01	125.79	-66.78	peak			
3		0.0170	31.12	20.40	51.52	122.98	-71.46	peak			
4		0.0352	27.29	20.48	47.77	116.66	-68.89	peak			
5		0.0601	19.00	20.60	39.60	112.02	-72.42	peak			
6		0.0898	19.00	20.60	39.60	108.53	-68.93	peak			



Site 10m Chamber 1#

Polarization: Y

Temperature: 26 C

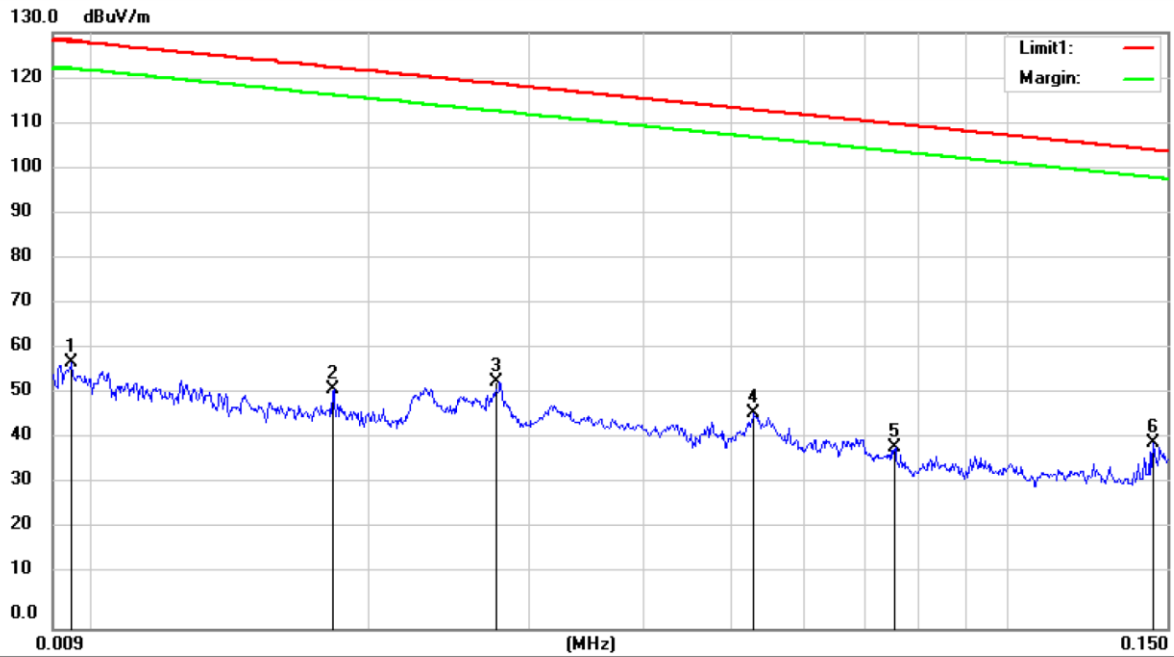
Limit: (RE)FCC PART 15.209(9K-30M)

Power:

Humidity: 60 %

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree	Comment
1		0.0120	35.92	20.40	56.32	126.00	-69.68	peak			
2		0.0204	30.04	20.40	50.44	121.40	-70.96	peak			
3		0.0280	26.54	20.40	46.94	118.65	-71.71	peak			
4		0.0466	21.83	20.65	42.48	114.22	-71.74	peak			
5		0.0611	21.16	20.59	41.75	111.87	-70.12	peak			
6	*	0.0945	18.41	20.55	38.96	108.09	-69.13	peak			



Site 10m Chamber 1#

Polarization: **Z**

Temperature: 26 C

Limit: (RE)FCC PART 15.209(9K-30M)

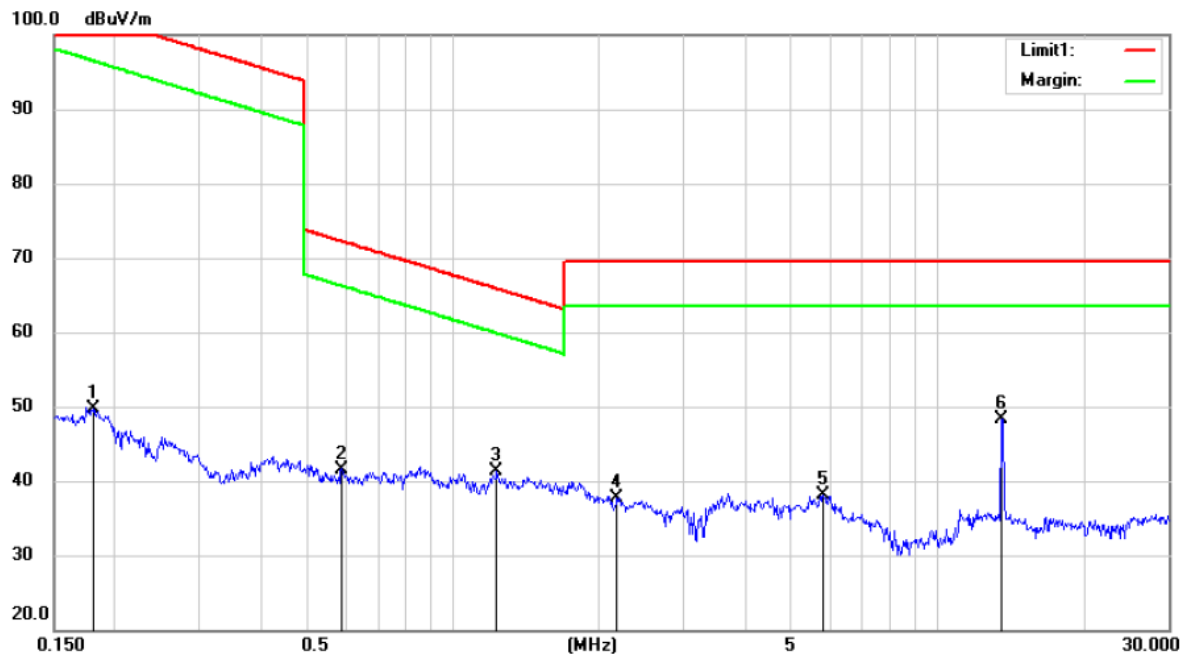
Power:

Humidity: 60 %

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		0.0094	37.77	20.40	58.17	128.12	-69.95	peak			
2		0.0182	31.61	20.40	52.01	122.39	-70.38	peak			
3		0.0275	33.29	20.40	53.69	118.80	-65.11	peak			
4		0.0526	26.41	20.67	47.08	113.17	-66.09	peak			
5		0.0752	18.86	20.53	39.39	110.07	-70.68	peak			
6	*	0.1446	20.35	20.10	40.45	104.39	-63.94	peak			

■ Spurious Emission below 30MHz (150KHz to 30MHz)
All mode have been tested, and the worst result was report as below:



Site 10m Chamber 1#

Polarization: X

Temperature: 26 C

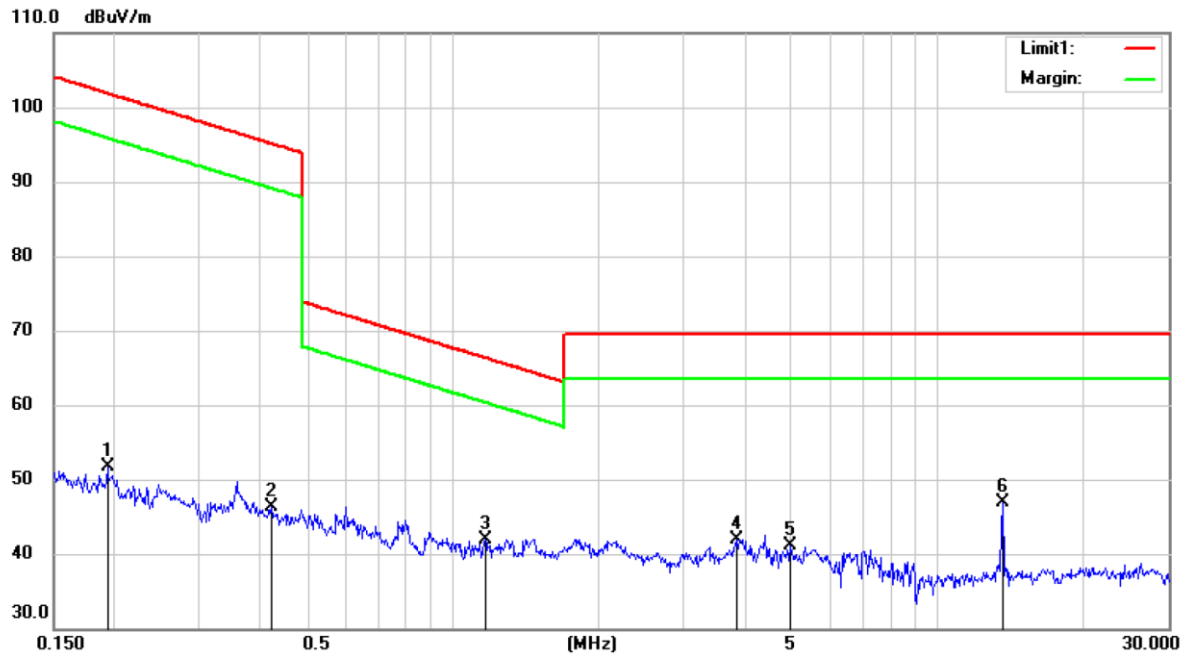
Limit: (RE)FCC PART 15.209(9K-30M)

Power:

Humidity: 60 %

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		0.1804	29.45	20.16	49.61	102.47	-52.86	peak			
2		0.5885	20.80	20.80	41.60	72.21	-30.61	peak			
3		1.2291	20.58	20.75	41.33	65.83	-24.50	peak			
4		2.1781	17.20	20.56	37.76	69.50	-31.74	peak			
5		5.8050	17.75	20.34	38.09	69.50	-31.41	peak			
6	*	13.5508	28.49	19.84	48.33	69.50	-21.17	peak			



Site 10m Chamber 1#

Polarization: **Y**

Temperature: 26 C

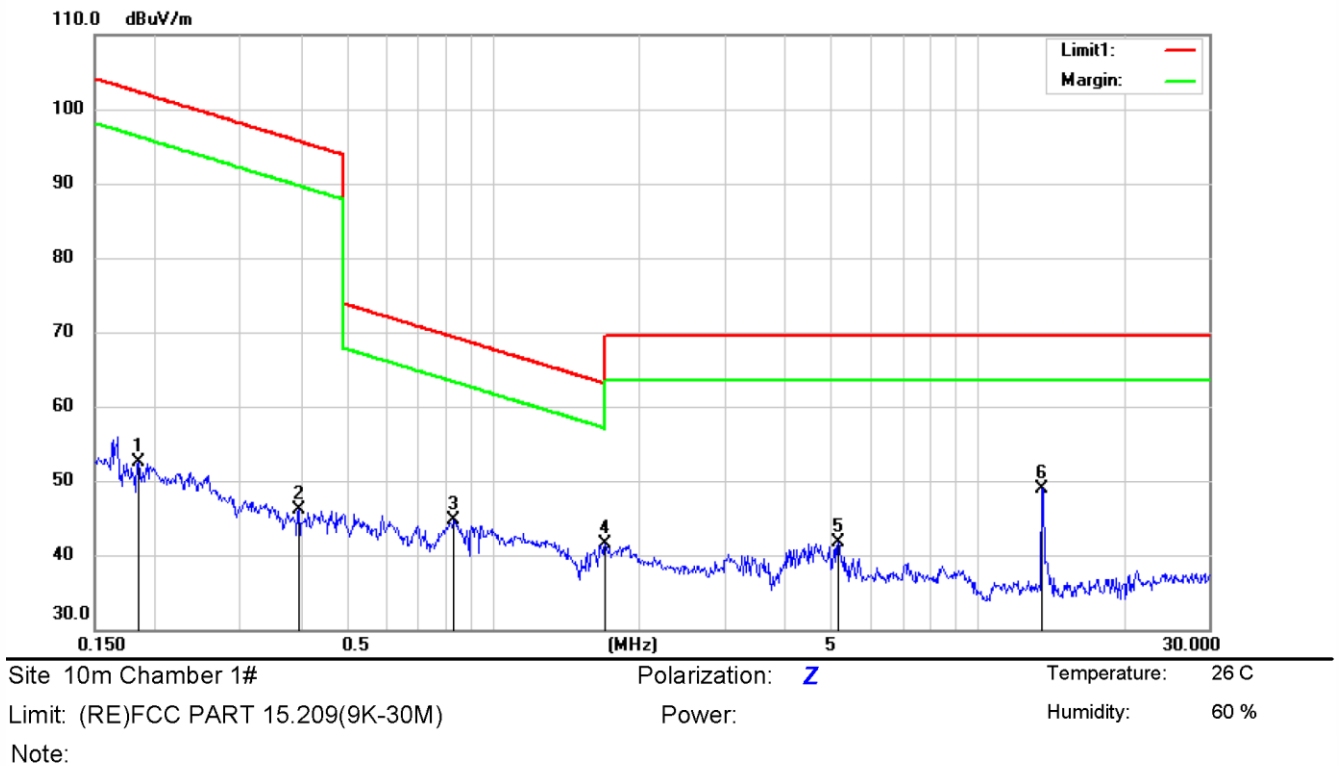
Limit: (RE)FCC PART 15.209(9K-30M)

Power:

Humidity: 60 %

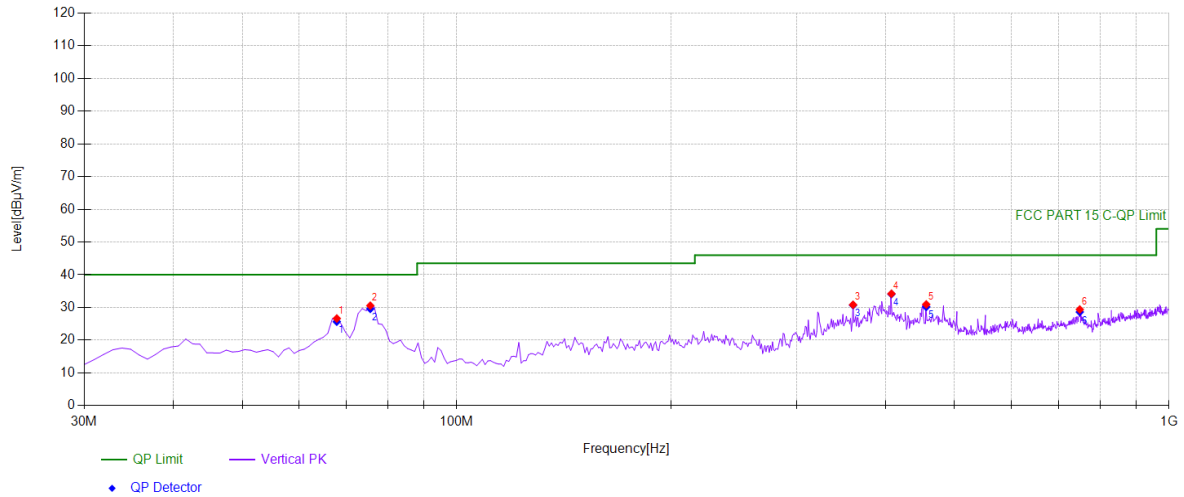
Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		0.1932	31.45	20.19	51.64	101.88	-50.24	peak			
2		0.4213	25.66	20.64	46.30	95.11	-48.81	peak			
3		1.1653	21.22	20.77	41.99	66.30	-24.31	peak			
4		3.8603	21.58	20.36	41.94	69.50	-27.56	peak			
5		4.9518	20.81	20.30	41.11	69.50	-28.39	peak			
6	*	13.6227	26.99	19.84	46.83	69.50	-22.67	peak			



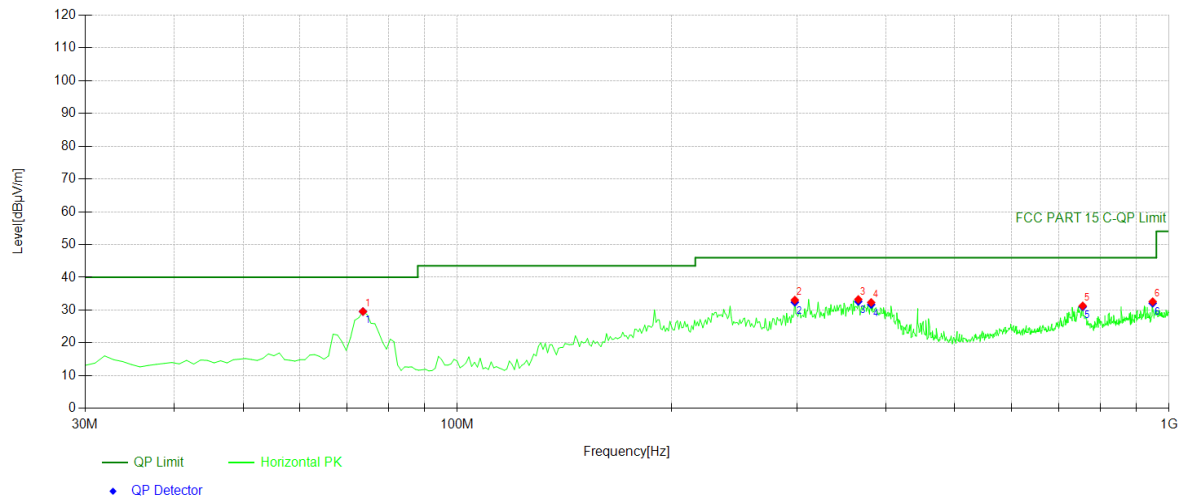
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		0.1844	32.33	20.17	52.50	102.28	-49.78	peak		
2		0.3955	25.47	20.59	46.06	95.66	-49.60	peak		
3		0.8260	23.97	20.80	44.77	69.28	-24.51	peak		
4		1.6980	20.77	20.66	41.43	63.04	-21.61	peak		
5		5.1390	21.29	20.31	41.60	69.50	-27.90	peak		
6	*	13.5508	29.15	19.84	48.99	69.50	-20.51	peak		

■ Spurious Emission Above 30MHz (30MHz to 1GHz)



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	67.8679	45.12	-18.48	26.64	PK	40.00	13.36	Vertical
2	75.6356	50.19	-19.62	30.57	PK	40.00	9.43	Vertical
3	360.1301	43.16	-12.33	30.83	PK	46.00	15.17	Vertical
4	407.7077	45.70	-11.48	34.22	PK	46.00	11.78	Vertical
5	456.2563	41.33	-10.38	30.95	PK	46.00	15.05	Vertical
6	749.4895	35.19	-5.79	29.40	PK	46.00	16.60	Vertical

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	67.8679	-18.48	25.67	40.00	14.33
2	75.6356	-19.62	29.60	40.00	10.40
3	360.1301	-12.33	30.70	46.00	15.30
4	407.7077	-11.48	34.09	46.00	11.91
5	456.2563	-10.38	30.18	46.00	15.82
6	749.4895	-5.79	28.63	46.00	17.37



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Detector	Limit [dBμV/m]	Margin [dB]	Polarity
1	73.6937	48.91	-19.33	29.58	PK	40.00	10.42	Horizontal
2	297.988	47.11	-14.04	33.07	PK	46.00	12.93	Horizontal
3	365.956	45.34	-12.07	33.27	PK	46.00	12.73	Horizontal
4	381.4915	43.88	-11.53	32.35	PK	46.00	13.65	Horizontal
5	756.2863	37.46	-6.16	31.30	PK	46.00	14.70	Horizontal
6	948.5385	35.24	-2.67	32.57	PK	46.00	13.43	Horizontal

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]
1	73.6937	-19.33	29.56	40.00	10.44
2	297.988	-14.04	32.41	46.00	13.59
3	365.956	-12.07	32.61	46.00	13.39
4	381.4915	-11.53	31.69	46.00	14.31
5	756.2863	-6.16	31.00	46.00	15.00
6	948.5385	-2.67	32.11	46.00	13.89

7.4 CONDUCTED EMISSION TEST

7.4.1 Applicable Standard

According to FCC Part 15.207(a)

7.4.2 Conformance Limit

Conducted Emission Limit		
Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50
Note: 1. The lower limit shall apply at the transition frequencies 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.		

7.4.3 Test Configuration

Test according to clause 7.3 conducted emission test setup

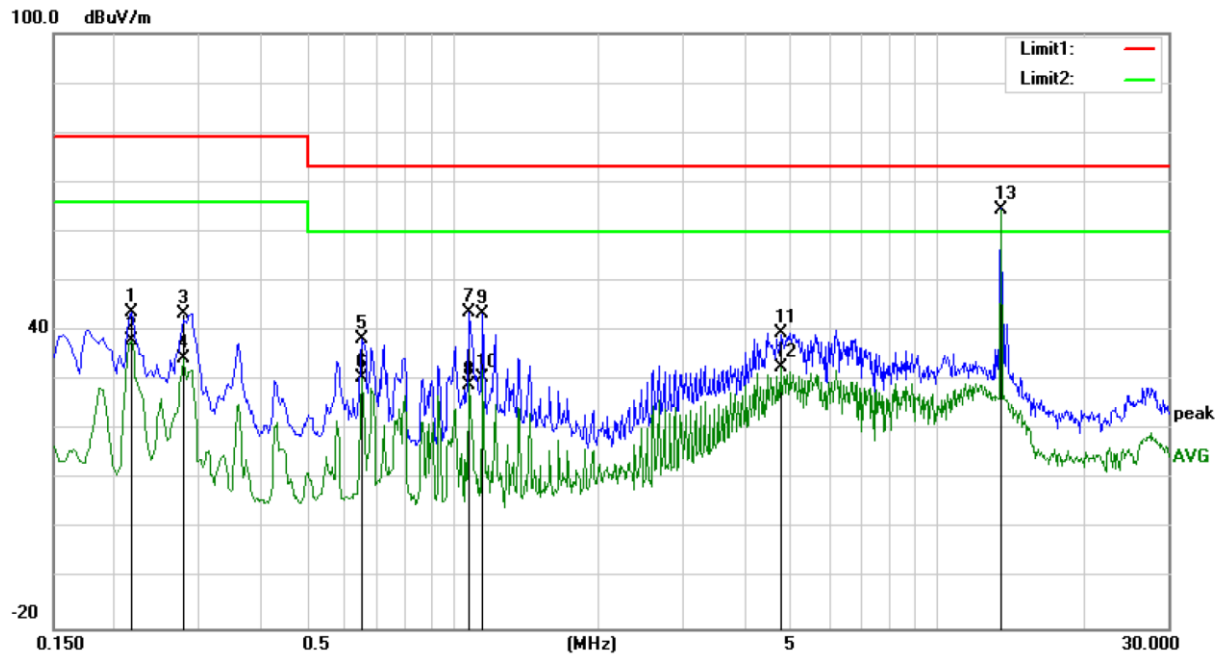
7.4.4 Test Procedure

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

7.4.5 Test Results

Pass

The 120V & 240V voltage have been tested, and the worst result recorded was report as below:



Site 10m Chamber 1#

Phase: **N**

Temperature: 19.0

Limit: (CE)FCC PART 15 class A_QP

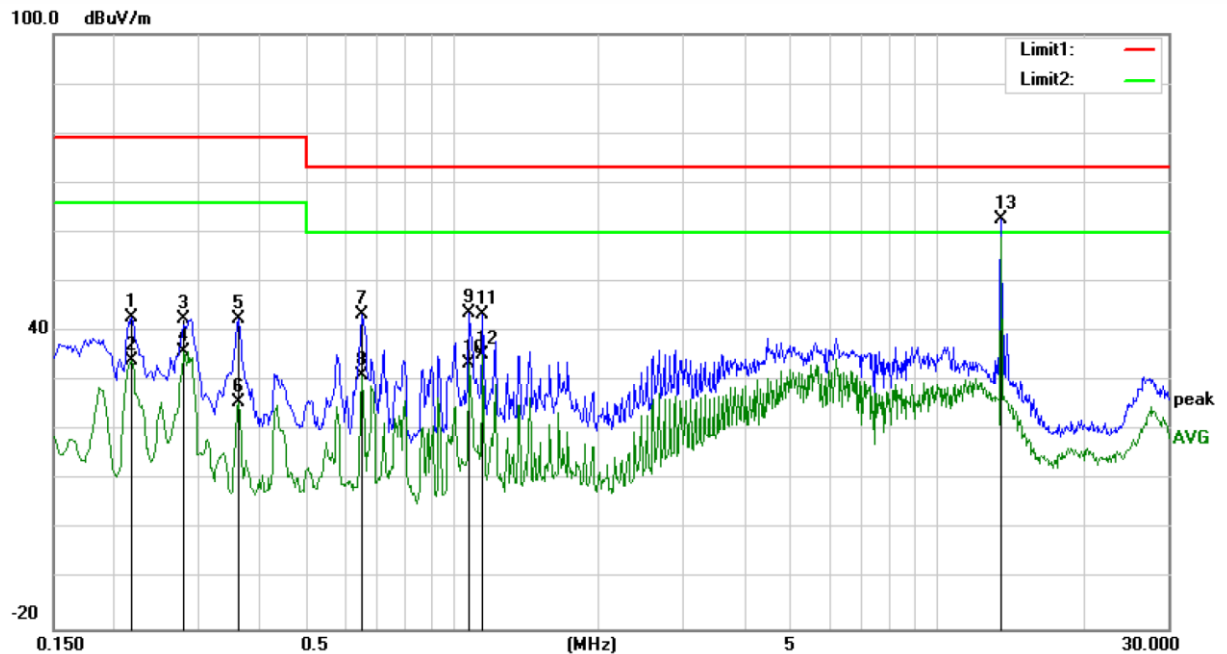
Power: AC 120V/60Hz

Humidity: 35 %

Mode: NFC mode

Note: 75 inch indoor floor standing double-sided kiosk

No.	Mk.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		0.2180	33.46	10.38	43.84	79.00	-35.16	QP	
2		0.2180	27.74	10.38	38.12	66.00	-27.88	AVG	
3		0.2780	33.19	10.36	43.55	79.00	-35.45	QP	
4		0.2780	24.00	10.36	34.36	66.00	-31.64	AVG	
5		0.6500	28.19	10.25	38.44	73.00	-34.56	QP	
6		0.6500	20.29	10.25	30.54	60.00	-29.46	AVG	
7		1.0820	33.59	10.14	43.73	73.00	-29.27	QP	
8		1.0820	19.01	10.14	29.15	60.00	-30.85	AVG	
9		1.1540	33.42	10.14	43.56	73.00	-29.44	QP	
10		1.1540	20.35	10.14	30.49	60.00	-29.51	AVG	
11		4.7620	29.59	10.05	39.64	73.00	-33.36	QP	
12		4.7620	22.52	10.05	32.57	60.00	-27.43	AVG	
13	*	13.5620	54.57	10.03	64.60	73.00	-8.40	peak	



Site 10m Chamber 1#

Phase: **L1**

Temperature: 19.0

Limit: (CE)FCC PART 15 class A_QP

Power: AC 120V/60Hz

Humidity: 35 %

Mode: NFC mode

Note: 75 inch indoor floor standing double-sided kiosk

No.	Mk.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		0.2180	32.46	10.38	42.84	79.00	-36.16	QP	
2		0.2180	23.74	10.38	34.12	66.00	-31.88	AVG	
3		0.2787	32.06	10.36	42.42	79.00	-36.58	QP	
4		0.2787	25.68	10.36	36.04	66.00	-29.96	AVG	
5		0.3620	32.20	10.33	42.53	79.00	-36.47	QP	
6		0.3620	15.40	10.33	25.73	66.00	-40.27	AVG	
7		0.6500	33.19	10.25	43.44	73.00	-29.56	QP	
8		0.6500	20.79	10.25	31.04	60.00	-28.96	AVG	
9		1.0820	33.59	10.14	43.73	73.00	-29.27	QP	
10		1.0820	23.51	10.14	33.65	60.00	-26.35	AVG	
11		1.1540	33.42	10.14	43.56	73.00	-29.44	QP	
12		1.1540	25.35	10.14	35.49	60.00	-24.51	AVG	
13	*	13.5620	52.57	10.03	62.60	73.00	-10.40	peak	

8 ANTENNA APPLICATION

8.1.1 Antenna Requirement

Standard	Requirement
FCC CRF Part 15.203	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

8.2 RESULT

The EUT is Induction coil antenna, the antenna's gain is 0 dBi and meets the requirement, and the antenna can't be replaced by the user, which in accordance to section 15.203.