



EMC TEST REPORT

For

ARTIKA FOR LIVING INC.

Phantome Breeze bladeless fan

Test Model: FAN-FBR-BL

Additional Model No.: FAN-FBR- *****("*****" means may be follow by up to eight characters denote different commercial codes)

Prepared for : ARTIKA FOR LIVING INC.
Address : 800, boulevard Hymus, Saint-Laurent (Québec),
Canada H4S 0B5

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.
Address : Room 101, 201, Building A and Room 301, Building C,
Juji Industrial Park, Yabianxueziwei, Shajing Street,
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Date of receipt of test sample : July 31, 2026
Number of tested samples : 1
Serial number : A260724028001
Date of Test : July 31, 2026-August 11, 2026
Date of Report : August 12, 2026



**TEST REPORT****Report No.** : **LCSA07316009E****Date of Issue** : August 12, 2026**Testing Laboratory Name** : **Shenzhen LCS Compliance Testing Laboratory Ltd.****Address** : Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China**Testing Location/ Procedure** : Full application of Harmonised standards ■
Partial application of Harmonised standards □
Other standard testing method □**Applicant's Name** : **ARTIKA FOR LIVING INC.****Address** : 800, boulevard Hymus, Saint-Laurent (Québec), Canada H4S 0B5**Test Specification****Standard** : FCC Rules and Regulations Part 15 Subpart B
ANSI C63.4:2014
ANSI C63.4a-2017**Test Report Form No.** : TRF-4-E-010 A/0**TRF Originator** : Shenzhen LCS Compliance Testing Laboratory Ltd.**Master TRF** : Dated 2011-03**Shenzhen LCS Compliance Testing Laboratory Ltd. All rights reserved.**

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Test Item Description : **Phantome Breeze bladeless fan****Trade Mark** : ARTIKA**Test Model** : FAN-FBR-BL**Result** : **Pass****Compiled by:****Supervised by:****Approved by:**

Emma Wang / File Administrator

Jelly Li / Technique principal

Gavin Liang / Manager



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TEST REPORT

Test Report No.: LCSA07316009E**August 12, 2026**
Date of issue**Test Model..... : FAN-FBR-BL**

EUT..... : Fantome Breeze bladeless fan

Applicant..... : ARTIKA FOR LIVING INC.Address..... : 800, boulevard Hymus, Saint-Laurent (Québec),
Canada H4S 0B5

Telephone..... : /

Fax..... : /

Manufacturer..... : Giant Force Technology Inc.Address..... : Sui Feng Nian Village., Lin Hai Industries Park., Sha Tian
Town., Dong Guan City., China

Telephone..... : /

Fax..... : /

Factory..... : Giant Force Technology Inc.Address..... : Sui Feng Nian Village., Lin Hai Industries Park., Sha Tian
Town., Dong Guan City., China

Telephone..... : /

Fax..... : /

Test Result**Pass**

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.



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Revision History

Report Version	Issue Date	Revision Content	Revised By
000	August 12, 2026	Initial Issue	/





TABLE OF CONTENTS

Test Report Description	Page
1. SUMMARY OF STANDARDS AND RESULTS	6
1.1 Description of Standards and Results	6
1.2 Description of Test Modes	7
2. GENERAL INFORMATION	8
2.1 Description of Device (EUT)	8
2.2 Support equipment List	8
2.3 Description of Test Facility	8
2.4 Measurement Uncertainty	8
3. MEASURING DEVICES AND TEST EQUIPMENT	9
4. EMISSION TEST RESULTS (EMI)	10
4.1 AC Power Port Conducted Emission	10
4.2 Radiated Emissions Test(30-1000MHz)	16
4.3 Radiated Emissions Test(Above 1GHz)	22
5. TEST SETUP PHOTOS	29
6. EUT CONSTRUCTIONAL DETAILS (EUT PHOTOS)	29





1. SUMMARY OF STANDARDS AND RESULTS

1.1 Description of Standards and Results

Description of Test Item	Standard	Result	Memo
AC Power Port Conducted Emission	FCC Rules and Regulations Part 15 Subpart B,ANSI C63.4:2014,ANSI C63.4a-2017	PASS	/
Radiated Emissions Test(30-1000MHz)	FCC Rules and Regulations Part 15 Subpart B,ANSI C63.4:2014,ANSI C63.4a-2017	PASS	/
Radiated Emissions Test(Above 1GHz)	FCC Rules and Regulations Part 15 Subpart B,ANSI C63.4:2014,ANSI C63.4a-2017	PASS	/





1.2 Description of Test Modes

No	Title	Description
Mode 1	Working(AC 120V/60Hz)	/





2. GENERAL INFORMATION

2.1 Description of Device (EUT)

EUT	: Phantome Breeze bladeless fan
Test Model	: FAN-FBR-BL
Power Supply	: 120V~, 60Hz
Highest Internal Frequency	: >108MHz
Classification of Equipment	: Class B
Additional Model	: FAN-FBR- *****("*****" means may be follow by up to eight characters denote different commercial codes)
Model Declaration	: PCB board, structure and internal of these model(s) are the same, So no additional models were tested.

2.2 Support equipment List

Equipment	Manufacturer	Model	Serial Number	Description
/	/	/	/	/

2.3 Description of Test Facility

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 – 4 “Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements” and is documented in the LCS quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

NVLAP Accreditation Code is 600167-0.

FCC Designation Number is CN5024.

CAB identifier is CN0071.

CNAS Registration Number is L4595.

2.4 Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Emission (150kHz to 30MHz)	± 2.35 dB
Radiated Emission (30MHz to 1000MHz)	± 3.48 dB
Radiated Emission (above 1000MHz)	± 3.90 dB
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	





3. MEASURING DEVICES AND TEST EQUIPMENT

Conducted emissions

Equipment	Manufacturer	Model No	Serial No.	Cal Date	Due Date
EMI Test Receiver	R&S	ESR3	102312	2025-12-22	2026-12-21
Artificial Mains	R&S	ENV216	101288	2026-05-06	2027-05-05
Pulse Limiter	R&S	ESH3-Z2	102750-NB	2026-05-06	2027-05-05
EMI Test Software	Farad	EZ	/	/	/

Radiated Emissions (below 1GHz)

Radiated Emissions (Above 1GHz)

Equipment	Manufacturer	Model No	Serial No.	Cal Date	Due Date
EMI Test Software	Farad	EZ	/	/	/
EMI Test Software	AUDIX	E3	/	/	/
By-log Antenna	SchwarzBECK	VULB9163	01565	2024-07-13	2027-07-12
Horn Antenna	ETS	3115	EABF-018	2024-07-20	2027-07-19
EMI Test Receiver	R&S	ESR3	102311	2026-05-06	2027-05-05
Broadband Preamplifier	/	BBV9745	00317	2025-11-07	2026-11-06
EMI Test Receiver	R&S	ESCI7	101173	2025-10-11	2026-10-10
By-log Antenna	SchwarzBECK	VULB9163	01143	2024-07-20	2027-07-19
MXA Signal Analyzer	Agilent	N9020A	MY53290398	2026-05-06	2027-05-05





4. EMISSION TEST RESULTS (EMI)

4.1 AC Power Port Conducted Emission

4.1.1 Limits

Class A		
Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150 kHz~500 kHz	79	66
500 kHz~30 MHz	73	60
Class B		
Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150 kHz~500 kHz	66 ~ 56*	56 ~ 46*
500 kHz~5 MHz	56	46
5 MHz~30 MHz	60	50
Notes:		
1. * Decreasing linearly with logarithm of frequency.		
2. The lower limit shall apply at the transition frequencies.		

4.1.2 Test procedure

The EUT and Support equipment placement requires reference to the test block diagram and is placed on a non-metallic table.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

Note: 1) Pre-scan all modes and recorded the worst case results in this report.

2) Margin= Reading level + Correct factor-Limit

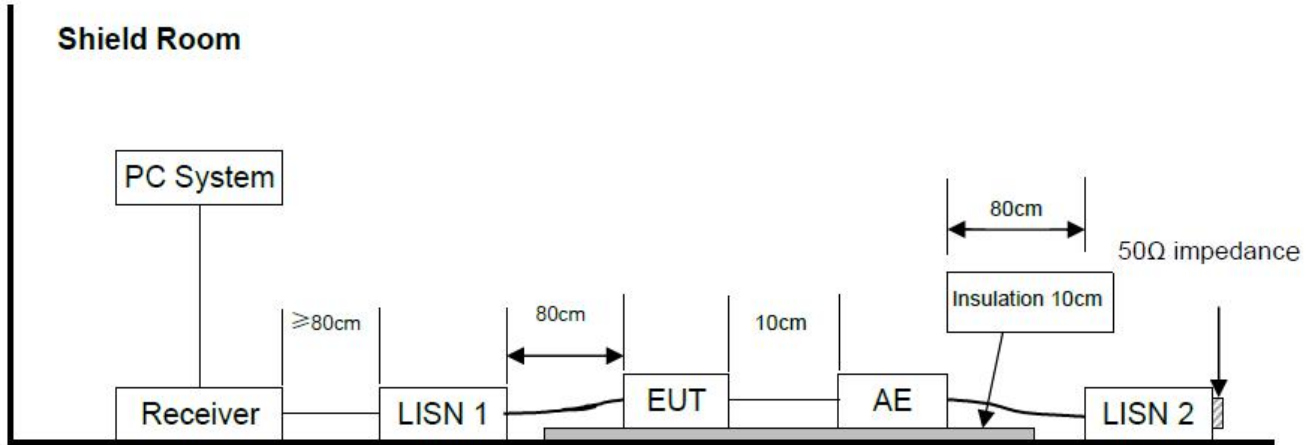
Correct Factor=Lisn Factor+Cable Factor+Insertion loss of Pulse Limiter



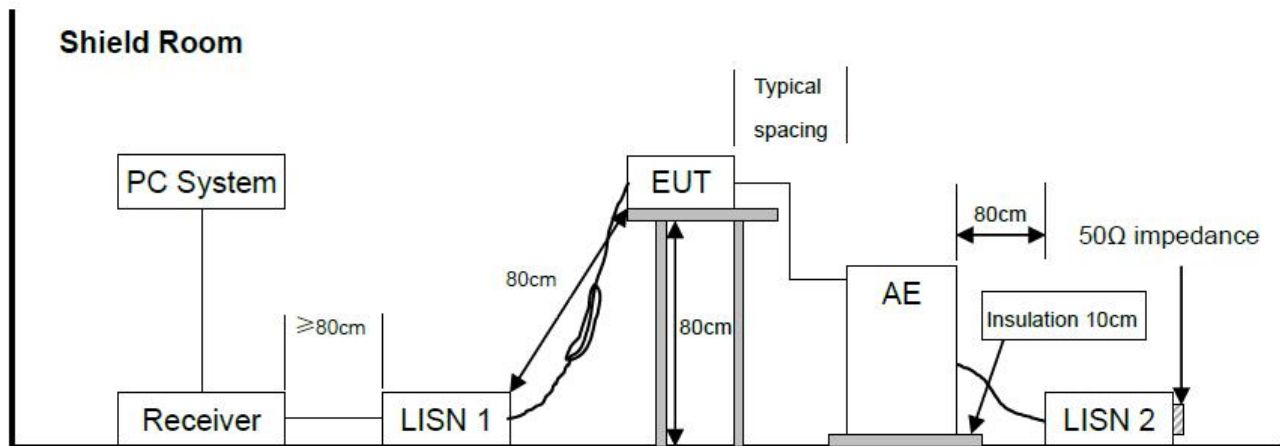


4.1.3 Test Setup Diagram

For floor standing equipment



For combinations equipment



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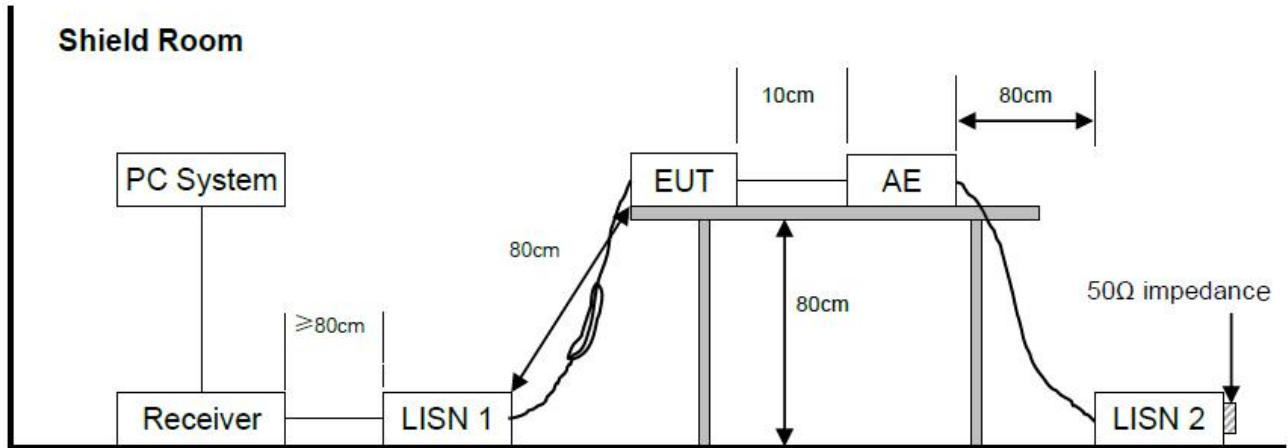
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For table-top equipment





4.1.4 E.U.T. Operation

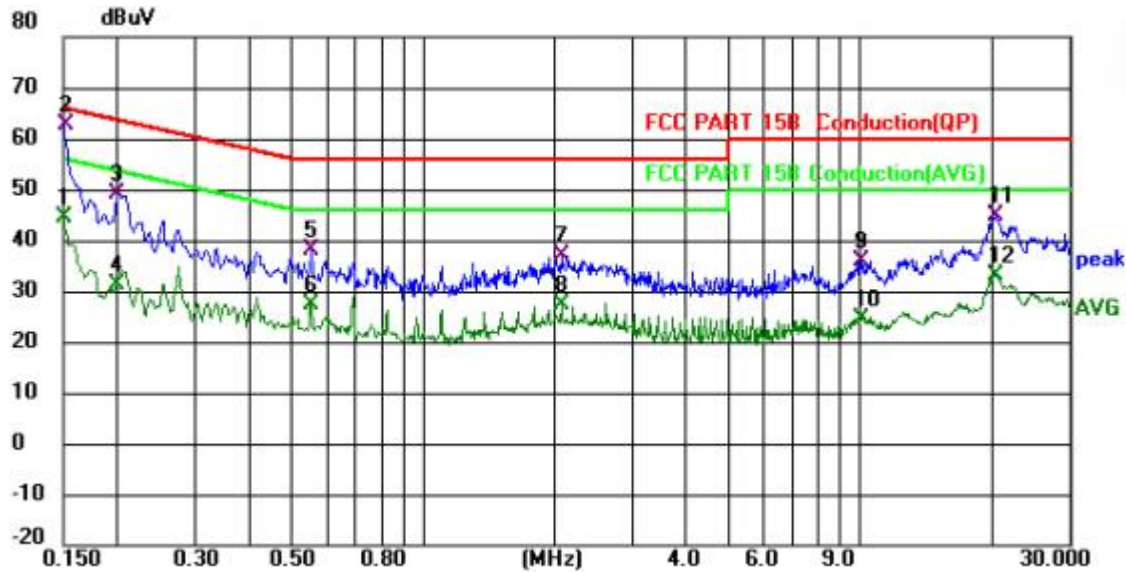
Operating Environment:			
Temperature:	24.2° C	Humidity:	54.9%RH
Test Engineer	Xing Jin Mo		
Mode 1	Working	Voltage	AC 120V/60Hz





4.1.5 Test data

Mode 1 / Line: Line



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1500	24.01	20.30	44.31	56.00	-11.69	AVG	
2	*	0.1521	42.30	20.30	62.60	65.88	-3.28	QP	
3		0.1995	28.74	20.34	49.08	63.63	-14.55	QP	
4		0.1995	11.08	20.34	31.42	53.63	-22.21	AVG	
5		0.5550	17.96	20.19	38.15	56.00	-17.85	QP	
6		0.5550	7.05	20.19	27.24	46.00	-18.76	AVG	
7		2.0670	16.54	20.45	36.99	56.00	-19.01	QP	
8		2.0670	6.81	20.45	27.26	46.00	-18.74	AVG	
9		10.1220	15.57	20.47	36.04	60.00	-23.96	QP	
10		10.1220	4.04	20.47	24.51	50.00	-25.49	AVG	
11		20.4585	23.79	20.99	44.78	60.00	-15.22	QP	
12		20.4585	12.03	20.99	33.02	50.00	-16.98	AVG	



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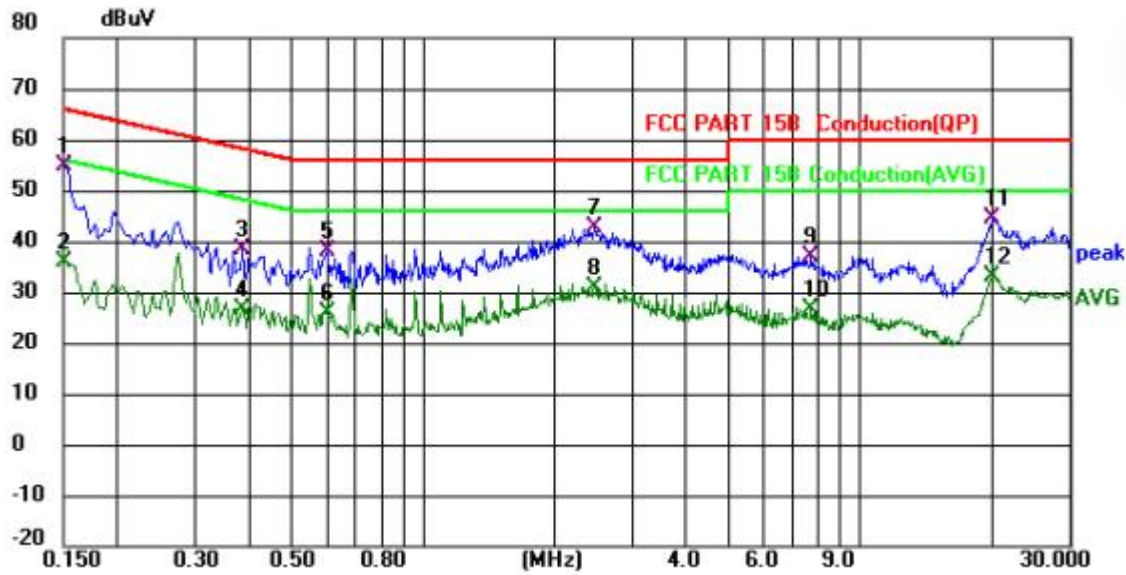
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Mode 1 / Line: Neutral



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV	dBuV	dB		
1	*	0.1500	34.55	20.31	54.86	66.00	-11.14	QP	
2		0.1500	15.41	20.31	35.72	56.00	-20.28	AVG	
3		0.3840	18.06	20.25	38.31	58.19	-19.88	QP	
4		0.3840	6.27	20.25	26.52	48.19	-21.67	AVG	
5		0.6000	17.88	20.23	38.11	56.00	-17.89	QP	
6		0.6000	5.83	20.23	26.06	46.00	-19.94	AVG	
7		2.4720	22.07	20.52	42.59	56.00	-13.41	QP	
8		2.4720	10.35	20.52	30.87	46.00	-15.13	AVG	
9		7.7010	16.40	20.61	37.01	60.00	-22.99	QP	
10		7.7010	6.09	20.61	26.70	50.00	-23.30	AVG	
11		19.9500	23.66	20.94	44.60	60.00	-15.40	QP	
12		19.9500	11.96	20.94	32.90	50.00	-17.10	AVG	



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4.2 Radiated Emissions Test(30-1000MHz)

4.2.1 Limits

Limits:				
Frequency (MHz)	Class A Field Strengths Limits at 10m measuring distance dB(μ V)/m	Class A Field Strengths Limits at 3m measuring distance dB(μ V)/m	Class B Field Strengths Limits at 10m measuring distance dB(μ V)/m	Class B Field Strengths Limits at 3m measuring distance dB(μ V)/m
30--88	39.0	49.5	29.5	40.0
88--216	43.5	54.0	33.0	43.5
216--960	46.4	57.0	35.5	46.0
960--1000	49.5	60.0	43.5	54.0
Above 1000	/	80.0 (Peak), 60.0 (Average)	/	74.0 (Peak), 54.0 (Average)

4.2.2 Test procedure

Procedure of Preliminary Test

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 0.8m (table-top device)/0.1m (floor stand device) above the ground plane.

Configuration EUT to simulate typical usage as described in as shown above block diagram and equipment list of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

Mains cables, telephone lines or other connections to auxiliary equipment located outside the test are shall drape to the floor, be fitted with ferrite clamps or ferrite tubes placed on the floor at the point where the cable reaches the floor and then routed to the place where they leave the turntable. No extension cords shall be used to mains receptacle.

The antenna was placed at 3 meter away from the EUT as stated in ANSI C63.4. The antenna connected to the Spectrum Analyzer via a cable and at times a pre-amplifier would be used.

The Analyzer / Receiver quickly scanned from 30 MHz to 1 GHz. The EUT test program was started.

Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

After the preliminary scan, we found the test mode producing the highest emission level. The EUT and cable configuration, antenna position, polarization and turntable position of the above highest emission level were recorded for the final test.

Procedure of Final Test

EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test.

The Analyzer / Receiver scanned from 30 MHz to 1 GHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.





Recorded at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit and only Q.P. reading is presented.

For emissions from 30 MHz to 1 GHz, Quasi-Peak values were measured with EMI Receiver and the bandwidth of Receiver is 120 kHz.

Note:1).Pre-Scan all mode, Thus record worse case mode result in this report.

2) Margin= Reading level + Correct factor – Limit

Correct Factor=Antenna Factor+Cable Factor- Pre-amplifier Factor

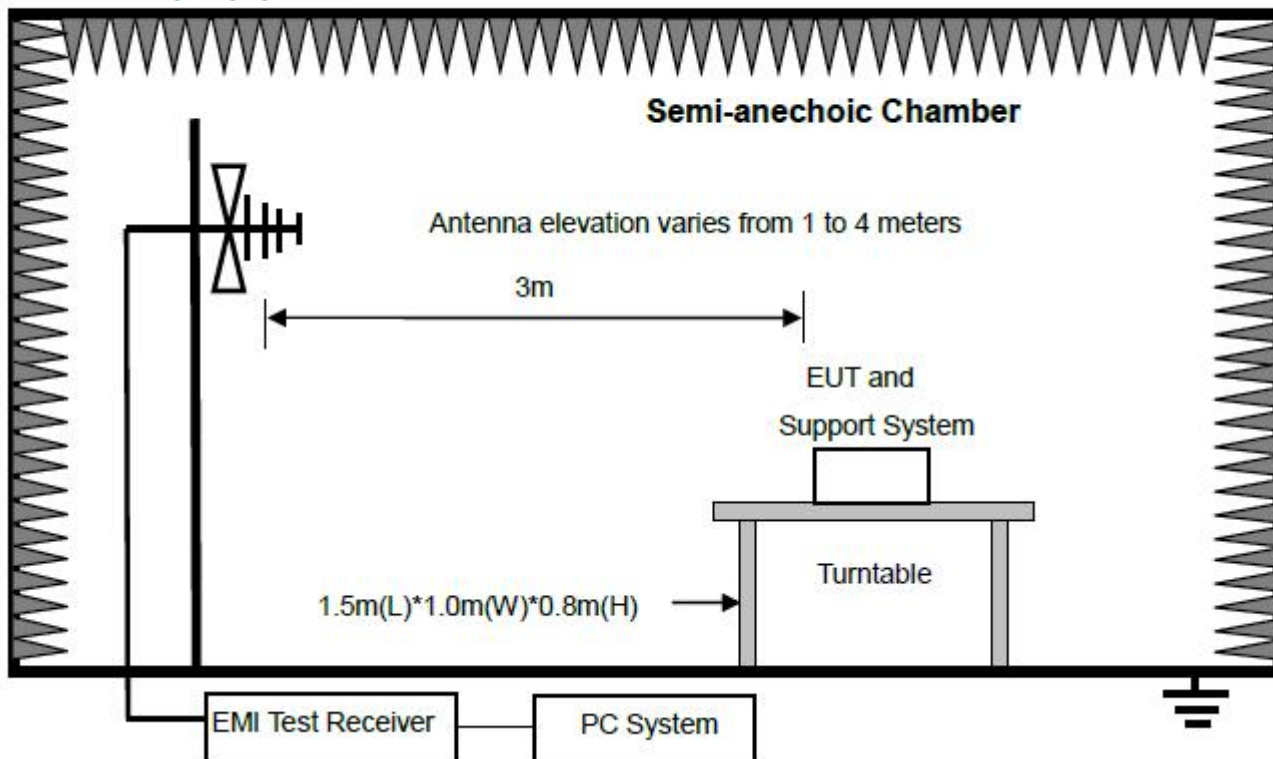
FS (dBuV/m) = RA (dBuV) + AF (dB/m) + CL (dB) – AG (dB)

Where FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
RA = Reading Amplitude	AG = Amplifier Gain
AF = Antenna Factor	

4.2.3 Test Setup Diagram

Below 1 GHz

For table-top equipment



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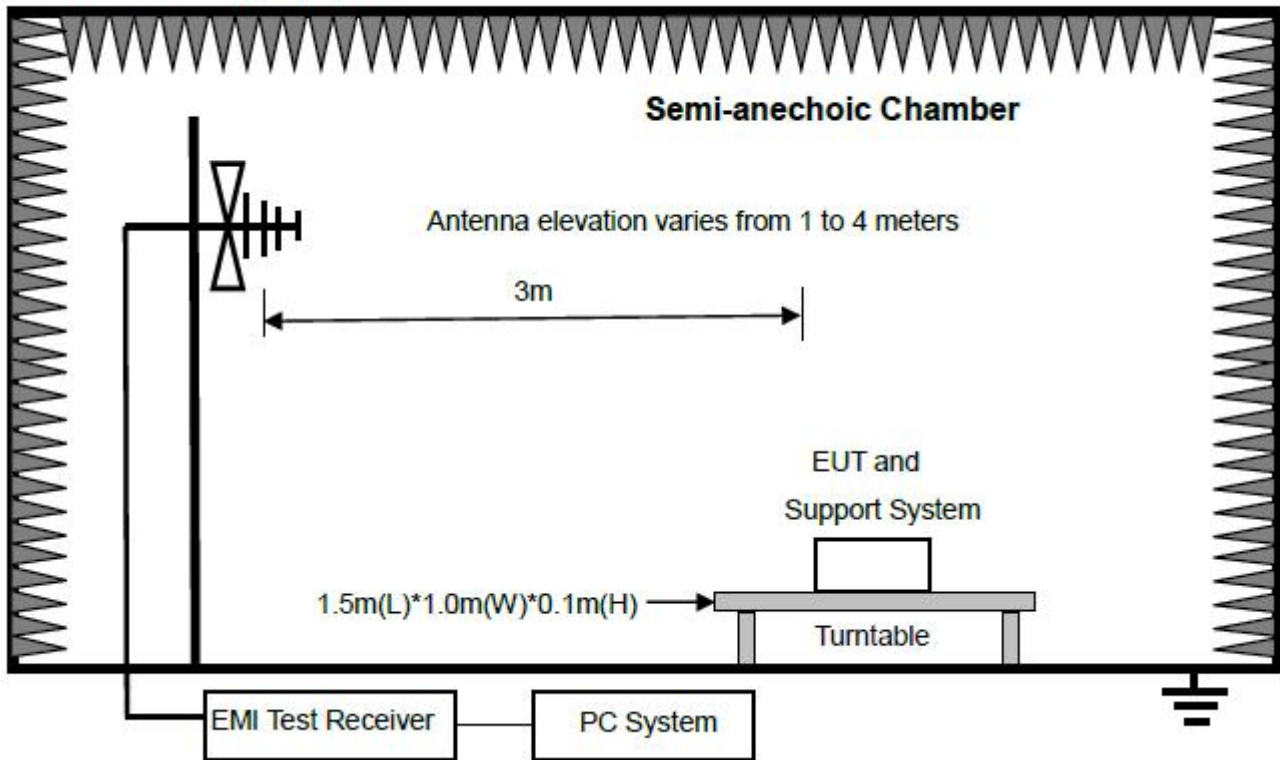
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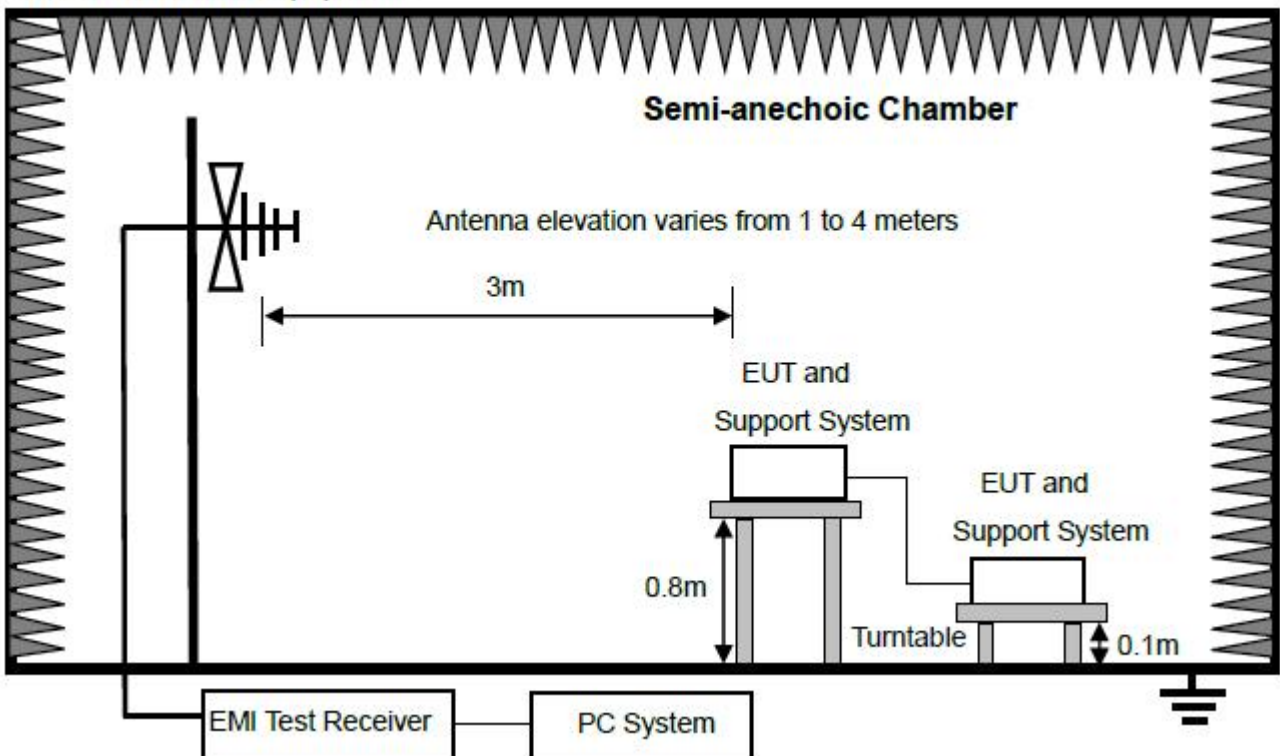
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For floor standing equipment



For combinations equipment





4.2.4 E.U.T. Operation

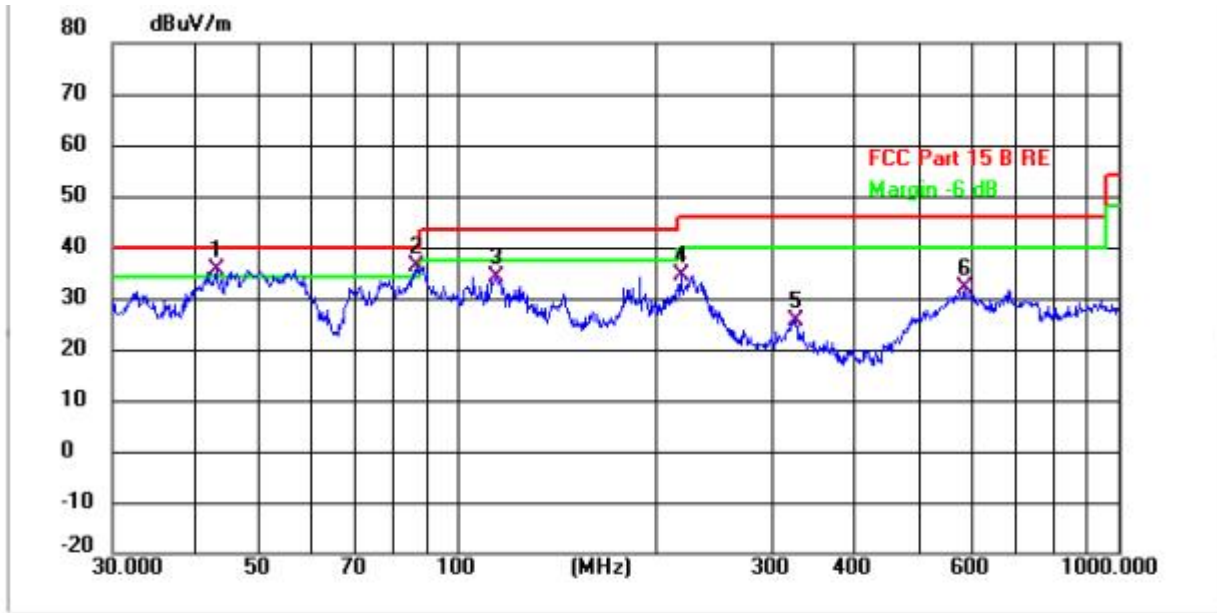
Operating Environment:			
Temperature:	26° C	Humidity:	54%RH
Test Engineer	Xing Jin Mo		
Mode 1	Working	Voltage	AC 120V/60Hz





4.2.5 Test data

Mode 1 / Polarization: Vertical

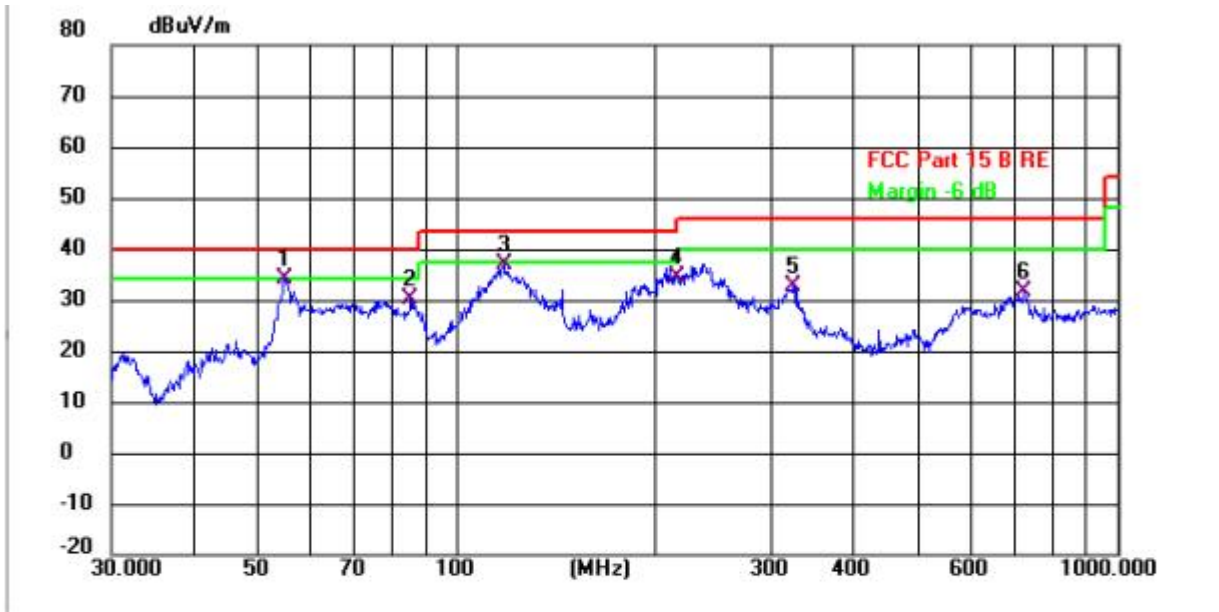


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 !	43.0504	49.22	-13.59	35.63	40.00	-4.37	QP	P	
2 *	86.5027	53.79	-17.37	36.42	40.00	-3.58	QP	P	
3	114.5146	49.77	-15.63	34.14	43.50	-9.36	QP	P	
4	217.5442	46.95	-12.42	34.53	46.00	-11.47	QP	P	
5	325.5957	39.02	-13.35	25.67	46.00	-20.33	QP	P	
6	584.7894	37.91	-5.90	32.01	46.00	-13.99	QP	P	





Mode 1 / Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	54.8348	47.20	-13.18	34.02	40.00	-5.98	QP	P	
2	84.9995	47.25	-17.23	30.02	40.00	-9.98	QP	P	
3	117.7725	52.35	-15.27	37.08	43.50	-6.42	QP	P	
4	215.2678	47.18	-12.65	34.53	43.50	-8.97	QP	P	
5	323.3204	46.12	-13.51	32.61	46.00	-13.39	QP	P	
6	721.7259	34.12	-2.65	31.47	46.00	-14.53	QP	P	



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4.3 Radiated Emissions Test(Above 1GHz)

4.3.1 Limits

For FCC Rules and Regulations Part 15 Subpart B limits:

Frequency (MHz)	Class A Field Strengths Limits at 10m measuring distance dB(μ V)/m	Class A Field Strengths Limits at 3m measuring distance dB(μ V)/m	Class B Field Strengths Limits at 10m measuring distance dB(μ V)/m	Class B Field Strengths Limits at 3m measuring distance dB(μ V)/m
Above 1000	/	80.0 (Peak), 60.0 (Average)	/	74.0 (Peak), 54.0 (Average)

For ICES-003 Issue 7 limits:

Frequency (MHz)	Class A Field Strengths Limits at 10m measuring distance dB(μ V)/m	Class A Field Strengths Limits at 3m measuring distance dB(μ V)/m	Class B Field Strengths Limits at 10m measuring distance dB(μ V)/m	Class B Field Strengths Limits at 3m measuring distance dB(μ V)/m
Above 1000	/	80.0 (Peak), 60.0 (Average)	/	74.0 (Peak), 54.0 (Average)

4.3.2 Test procedure

Procedure of Preliminary Test

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 0.8m (table-top device)/0.1m (floor stand device) above the ground plane.

Configuration EUT to simulate typical usage as described in as shown above block diagram and equipment list of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

Mains cables, telephone lines or other connections to auxiliary equipment located outside the test are shall drape to the floor, be fitted with ferrite clamps or ferrite tubes placed on the floor at the point where the cable reaches the floor and then routed to the place where they leave the turntable. No extension cords shall be used to mains receptacle.

The antenna was placed at 3 meter away from the EUT as stated in ANSI C63.4. The antenna connected to the Spectrum Analyzer via a cable and at times a pre-amplifier would be used.

The Analyzer / Receiver quickly scanned from 30 MHz to 18 GHz. The EUT test program was started.

Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

After the preliminary scan, we found the test mode producing the highest emission level. The EUT and cable configuration, antenna position, polarization and turntable position of the above highest emission level were recorded for the final test.

Procedure of Final Test





EUT and support equipment were set up on the turntable as per the configuration with highest emission level in the preliminary test.

The Analyzer / Receiver scanned from 30 MHz to 18 GHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

Recorded at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit and only Q.P. reading is presented.

For emissions above 1 GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz VBW is set at 3 MHz.

The test data of the worst-case condition(s) was recorded.

Note:1) Pre-Scan all mode, Thus record worse case mode result in this report.

2) Margin= Reading level + Correct factor – Limit

Correct Factor=Antenna Factor+Cable Factor- Pre-amplifier Factor

$FS \text{ (dBuV/m)} = RA \text{ (dBuV)} + AF \text{ (dB/m)} + CL \text{ (dB)} - AG \text{ (dB)}$

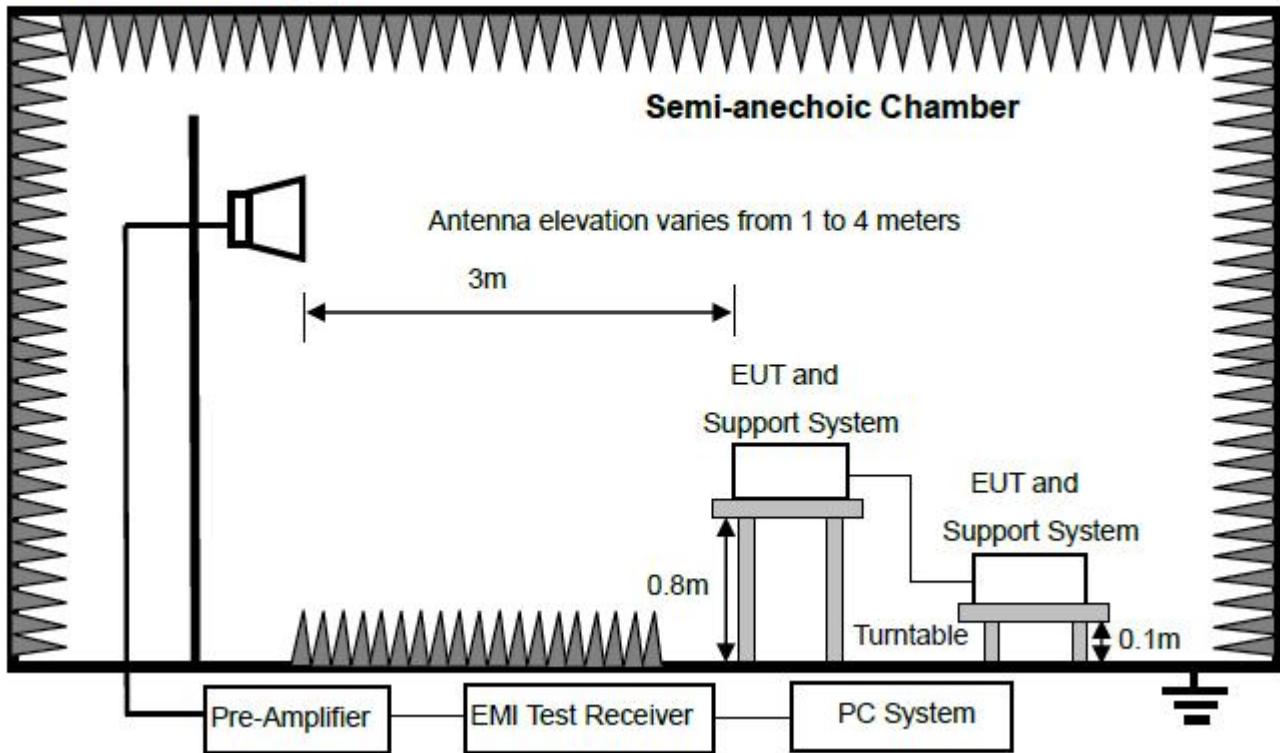
Where FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
RA = Reading Amplitude	AG = Amplifier Gain
AF = Antenna Factor	





4.3.3 Test Setup Diagram

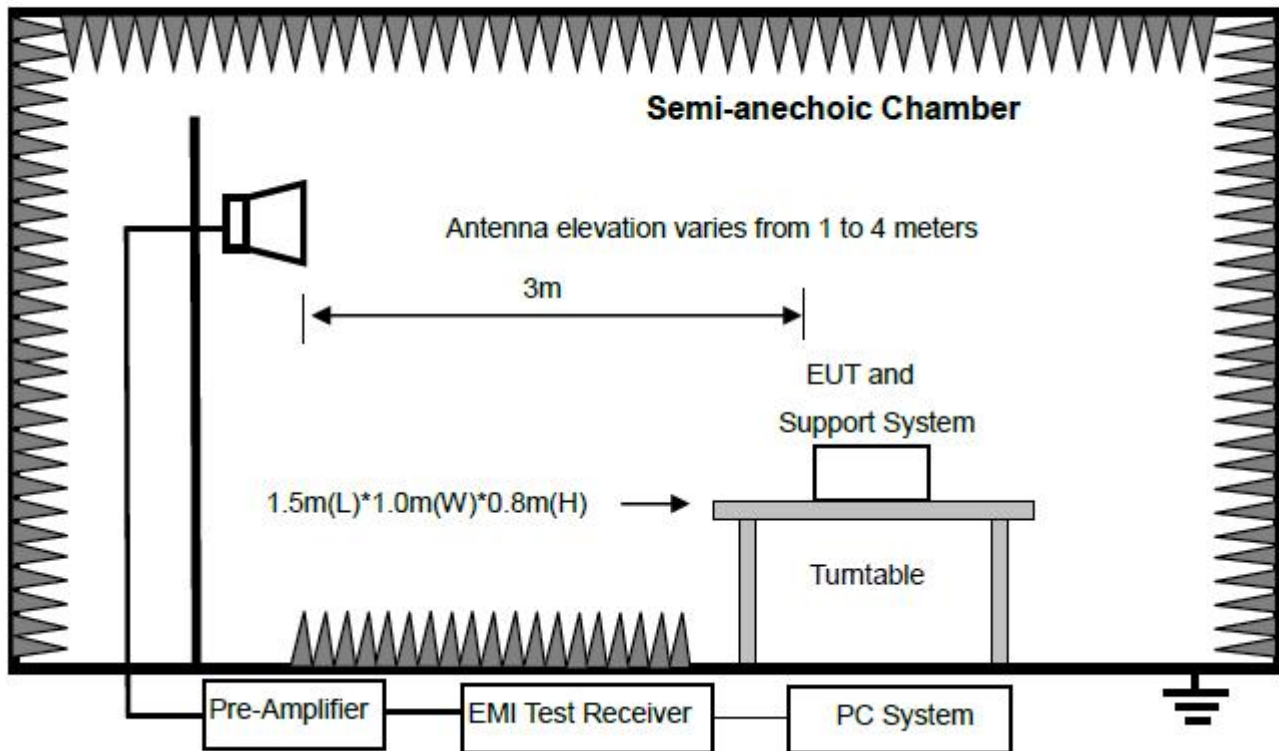
For combinations equipment



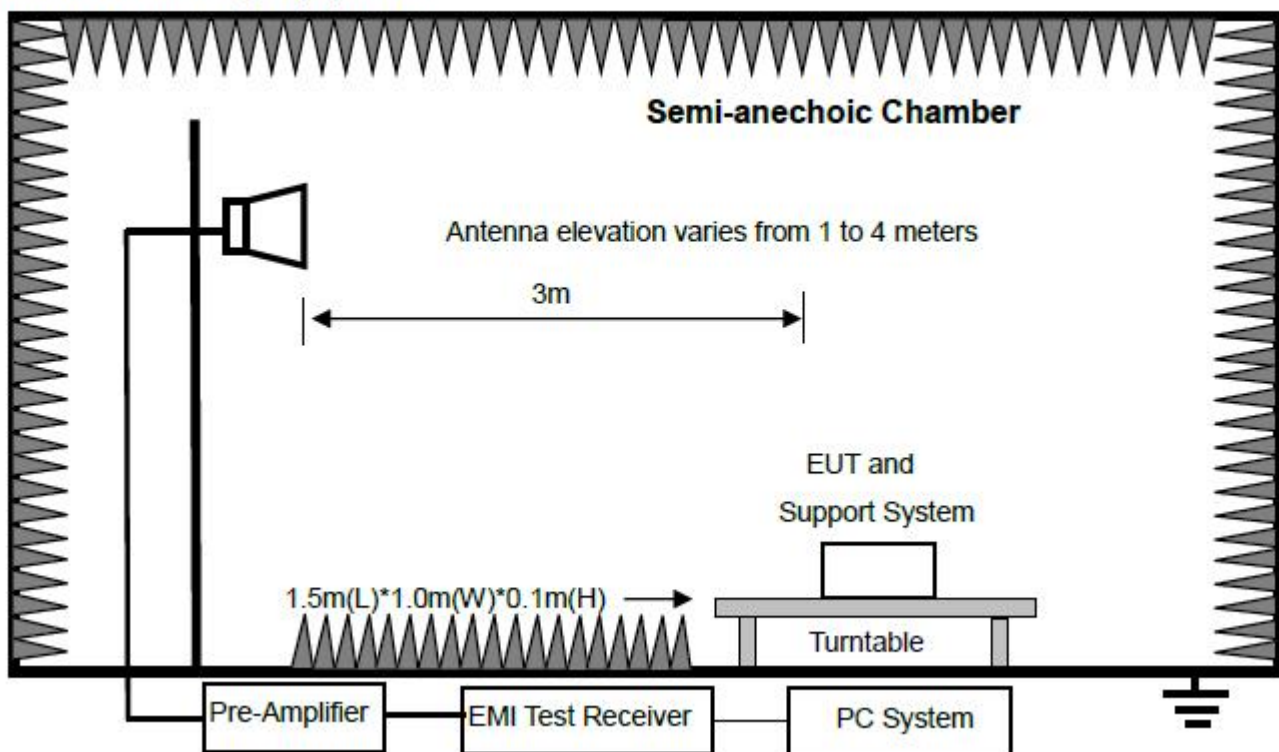


Above 1 GHz

For table-top equipment



For floor standing equipment



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4.3.4 E.U.T. Operation

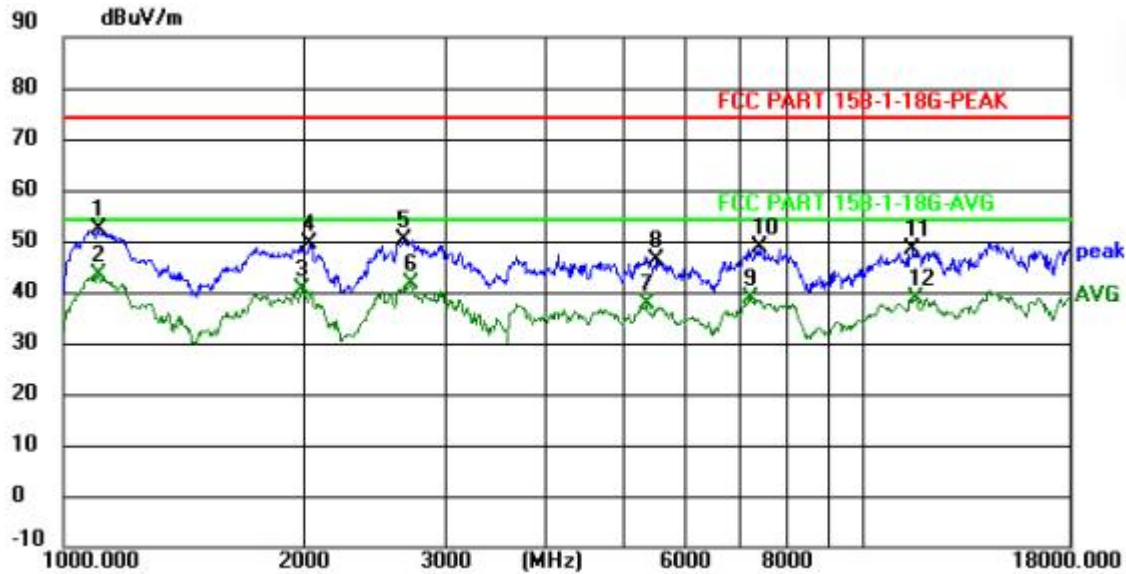
Operating Environment:			
Temperature:	23.5° C	Humidity:	52.1%RH
Test Engineer	Xing Jin Mo		
Mode 1	Working	Voltage	AC 120V/60Hz





4.3.5 Test data

Mode 1 / Polarization: Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		1106.4570	65.18	-13.01	52.17	74.00	-21.83	peak	
2	*	1106.4570	56.54	-13.01	43.53	54.00	-10.47	AVG	
3		1986.0000	51.92	-11.51	40.41	54.00	-13.59	AVG	
4		2030.2137	60.33	-11.04	49.29	74.00	-24.71	peak	
5		2666.0000	58.96	-8.77	50.19	74.00	-23.81	peak	
6		2717.0000	50.20	-8.57	41.63	54.00	-12.37	AVG	
7		5352.0000	39.06	-1.55	37.51	54.00	-16.49	AVG	
8		5505.0000	47.72	-1.38	46.34	74.00	-27.66	peak	
9		7205.0000	36.51	2.21	38.72	54.00	-15.28	AVG	
10		7392.0000	46.43	2.44	48.87	74.00	-25.13	peak	
11		11489.0000	40.86	7.67	48.53	74.00	-25.47	peak	
12		11591.0000	31.33	7.38	38.71	54.00	-15.29	AVG	



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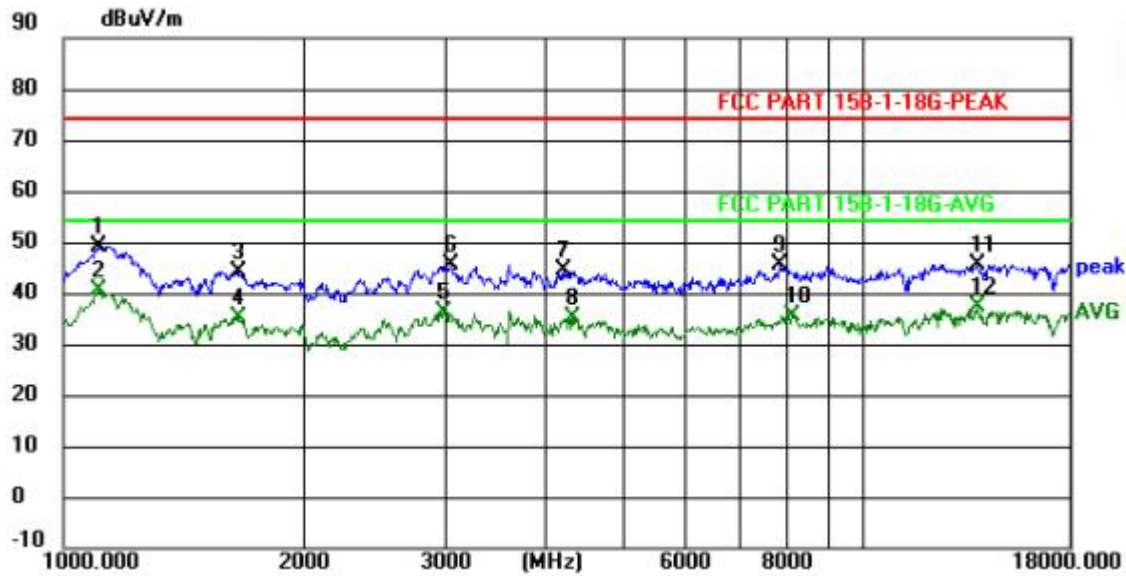
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Mode 1 / Polarization: Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		1106.4570	62.18	-13.01	49.17	74.00	-24.83	peak	
2	*	1106.4570	53.54	-13.01	40.53	54.00	-13.47	AVG	
3		1653.5503	56.58	-12.32	44.26	74.00	-29.74	peak	
4		1653.5503	47.57	-12.32	35.25	54.00	-18.75	AVG	
5		2989.0000	44.75	-8.54	36.21	54.00	-17.79	AVG	
6		3057.0000	53.79	-8.15	45.64	74.00	-28.36	peak	
7		4213.0000	50.20	-5.77	44.43	74.00	-29.57	peak	
8		4332.0000	40.15	-4.88	35.27	54.00	-18.73	AVG	
9		7851.0000	42.47	2.91	45.38	74.00	-28.62	peak	
10		8123.0000	32.49	3.03	35.52	54.00	-18.48	AVG	
11		13818.0000	36.62	8.93	45.55	74.00	-28.45	peak	
12		13818.0000	28.29	8.93	37.22	54.00	-16.78	AVG	



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5. TEST SETUP PHOTOS

Refer to Appendix - Test Setup Photos for LCSA07316009E.docx

6. EUT CONSTRUCTIONAL DETAILS (EUT PHOTOS)

Refer to Appendix - EUT Photos for LCSA07316009E.docx

-----End Report-----

