

# Test Report

**Applicant:** FCC: Magtek Incorporated  
IC: MagTek Inc

**Address of Applicant:** FCC: 1710 Apollo Court, seal beach, California 90740, United States  
IC: 1710 Apollo Court Seal Beach CA 90740 United States

**Manufacturer:** FCC: Magtek Incorporated  
IC: MagTek Inc

**Address of Manufacturer:** FCC: 1710 Apollo Court, seal beach, California 90740, United States  
IC: 1710 Apollo Court Seal Beach CA 90740 United States

## Equipment Under Test (EUT)

Product Name: DynaGlass

Model No.: 40000102, 40000101

Trade Mark: MAGTEK

FCC ID: U73-40000102

IC: 23169-40000102

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.225  
RSS-Gen Issue 5  
RSS-210 Issue 10

Date of sample receipt: July 07, 2020

Date of Test: July 08, 2020-August 31, 2020

Date of report issued: August 31, 2020

Test Result : PASS

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

Authorized Signature:



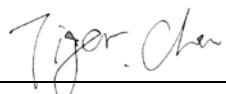
Robinson Lo  
Laboratory Manager

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

## 2 Version

Version No.	Date	Description
00	August 31, 2020	Original

Prepared By:

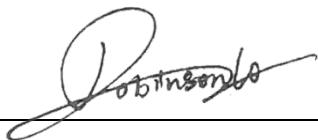


Date:

August 31, 2020

Project Engineer

Check By:



Date:

August 31, 2020

Reviewer

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## 4 Test Summary

Test Item	Section in CFR 47	Result
Antenna Requirement	15.203	Pass
AC Power Line Conducted Emission	15.207	Pass
Field Strength of Fundamental Emissions and Mask Measurement	15.225(a)(b)(c)	Pass
Radiated Emission	15.225(d)&15.209	Pass
20dB Emission Bandwidth	15.225&15.215	Pass
Frequency Stability Measurement	15.225(e)	Pass

Test Item	Section	Result
Antenna requirement	RSS-Gen 6.8	Pass
AC Power Line Conducted Emission	RSS-Gen 8.8	Pass
Field strength of the fundamental signal	RSS-210 B.6	Pass
Spurious emissions	RSS-210 B.6& RSS-Gen Clause 8.9&8.10	Pass
Band edge	RSS-210 B.6 & RSS-Gen Clause 8.9&8.10	Pass
99% Occupied Bandwidth	RSS-Gen 6.7	Pass
Frequency Stability Measurement	RSS-210 B.6	Pass

Remark:

1. Pass: The EUT complies with the essential requirements in the standard.

### 4.1 Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes
Radiated Emission	9kHz ~ 30MHz	±3.8039dB	(1)
Radiated Emission	30MHz ~ 1000MHz	± 3.9679dB	(1)
Radiated Emission	1GHz ~ 26.5GHz	± 4.29dB	(1)
AC Power Line Conducted Emission	0.15MHz ~ 30MHz	± 3.44dB	(1)

Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

## 5 General Information

### 5.1 General Description of EUT

Product Name:	DynaGlass
Model No.:	40000102, 40000101
Test Model No:	40000102
Remark: All above models are identical in the same PCB layout, interior structure and electrical circuits. The differences are appearance color and model name for commercial purpose.	
S/N:	B90A998
Hardware Version:	DynaGlass_AND_V040 DynaGlass_PAY_V040
Software Version:	Android:0.9.05; Max32550-LCS+:1.0.0
Test sample(s) ID:	GTS202007000071-1
Sample(s) Status	Engineered sample
Operation Frequency:	13.56MHz
Channel Number:	1
Modulation:	ASK
Antenna type:	Copper wire Antenna
Antenna gain:	2.0dBi(declare by applicant)
Power supply:	DC 5V or DC 7.4V 1850mAh 13.69Wh by Li-ion battery

## 5.2 Test mode

Transmitter mode	Keep the EUT in continuously transmitting.										
<b>Pre-test mode.</b>											
GTS has verified the construction and function in typical operation, The EUT was placed on three different polar directions; i.e. X axis, Y axis, Z axis. which was shown in this test report and defined as follows:											
<table border="1"><thead><tr><th>Axis</th><th>X</th><th>Y</th><th>Z</th></tr></thead><tbody><tr><td>Field Strength(dBuV/m)</td><td>62.44</td><td>63.34</td><td>61.81</td></tr></tbody></table>				Axis	X	Y	Z	Field Strength(dBuV/m)	62.44	63.34	61.81
Axis	X	Y	Z								
Field Strength(dBuV/m)	62.44	63.34	61.81								
<b>Final Test Mode:</b>											
According to ANSI C63.4 standards, the test results are both the "worst case" and "worst setup": Y axis (see the test setup photo)											

## 5.3 Test Facility

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

- **FCC —Registration No.: 381383**

Global United Technology Services Co., Ltd., Shenzhen 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 files. Registration 381383, January 08, 2018.

- **NVLAP (LAB CODE:600179-0)**

Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP). LAB CODE:600179-0

- **IC —Registration No.: 9079A**

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. Has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A

## 5.4 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Tel: 0755-27798480

Fax: 0755-27798960

## 5.5 Description of Support Units

Manufacturer	Description	Model	Serial Number
Lenovo	Notebook PC	E40-80	N/A
Apple	PC	A1278	C1MN99ERDTY3

## 6 Test Instruments list

Radiated Emission:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	July. 02 2020	July. 01 2025
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	June. 25 2020	June. 24 2021
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June. 25 2020	June. 24 2021
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	June. 25 2020	June. 24 2021
6	Horn Antenna	ETS-LINDGREN	3160	GTS217	June. 25 2020	June. 24 2021
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
8	Coaxial Cable	GTS	N/A	GTS213	June. 25 2020	June. 24 2021
9	Coaxial Cable	GTS	N/A	GTS211	June. 25 2020	June. 24 2021
10	Coaxial cable	GTS	N/A	GTS210	June. 25 2020	June. 24 2021
11	Coaxial Cable	GTS	N/A	GTS212	June. 25 2020	June. 24 2021
12	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June. 25 2020	June. 24 2021
13	Amplifier(2GHz-20GHz)	HP	84722A	GTS206	June. 25 2020	June. 24 2021
14	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June. 25 2020	June. 24 2021
15	Band filter	Amindeon	82346	GTS219	June. 25 2020	June. 24 2021
16	Power Meter	Anritsu	ML2495A	GTS540	June. 25 2020	June. 24 2021
17	Power Sensor	Anritsu	MA2411B	GTS541	June. 25 2020	June. 24 2021
18	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	June. 25 2020	June. 24 2021
19	Splitter	Agilent	11636B	GTS237	June. 25 2020	June. 24 2021
20	Loop Antenna	ZHINAN	ZN30900A	GTS534	June. 25 2020	June. 24 2021
21	Breitband hornantenne	SCHWARZBECK	BBHA 9170	GTS579	Oct. 19 2019	Oct. 18 2020
22	Amplifier	TDK	PA-02-02	GTS574	Oct. 19 2019	Oct. 18 2020
23	Amplifier	TDK	PA-02-03	GTS576	Oct. 19 2019	Oct. 18 2020
24	PSA Series Spectrum Analyzer	Rohde & Schwarz	FSP	GTS578	June. 25 2020	June. 24 2021

Conducted Emission						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Shielding Room	ZhongYu Electron	7.3(L)x3.1(W)x2.9(H)	GTS252	May.15 2019	May.14 2022
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 25 2020	June. 24 2021
3	Coaxial Switch	ANRITSU CORP	MP59B	GTS225	June. 25 2020	June. 24 2021
4	ENV216 2-L-V- NETZNACHB.DE	ROHDE&SCHWARZ	ENV216	GTS226	June. 25 2020	June. 24 2021
5	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A
6	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
7	Thermo meter	KTJ	TA328	GTS233	June. 25 2020	June. 24 2021
8	Absorbing clamp	Elektronik- Feinmechanik	MDS21	GTS229	June. 25 2020	June. 24 2021
9	ISN	SCHWARZBECK	NTFM 8158	GTD565	June. 25 2020	June. 24 2021

General used equipment:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Humidity/ Temperature Indicator	KTJ	TA328	GTS243	June. 25 2020	June. 24 2021
2	Barometer	ChangChun	DYM3	GTS255	June. 25 2020	June. 24 2021

## 7 Test results and Measurement Data

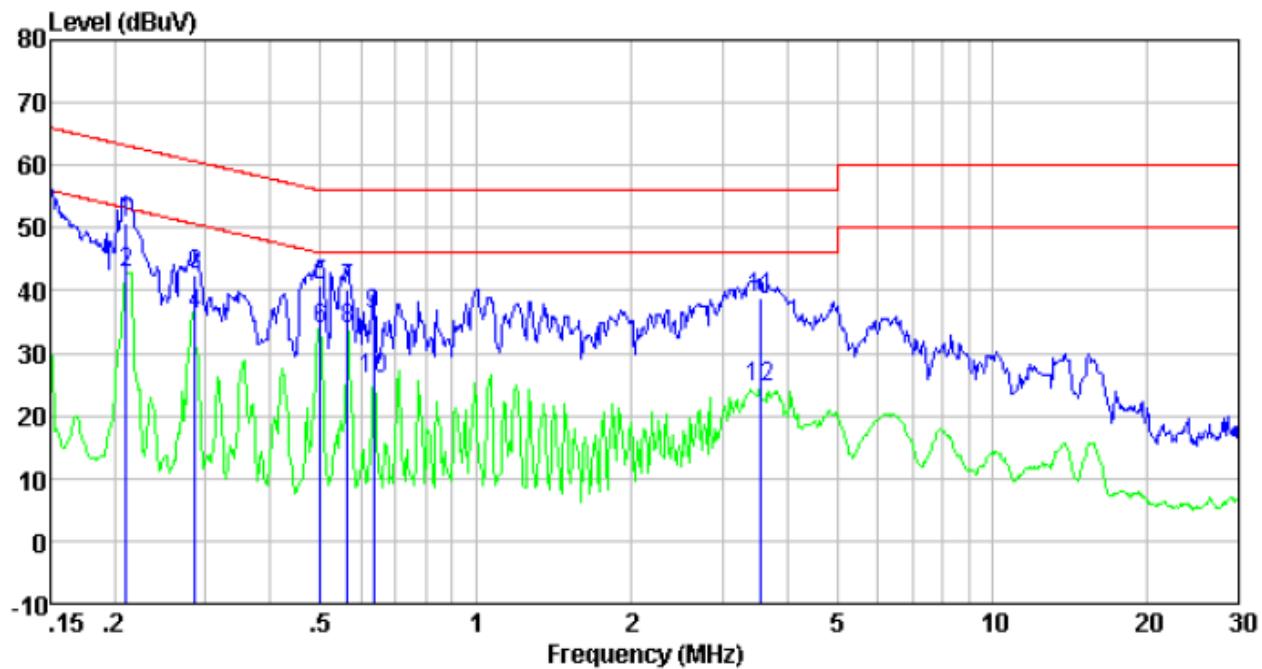
### 7.1 Antenna requirement:

<b>Standard requirement:</b>	FCC Part15 C Section 15.203
<b>15.203 requirement:</b>	
<p>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.</p>	
<b>E.U.T Antenna:</b>	
<p><i>The NFC antenna is internal antenna; the best case gain of the antenna is 2dBi. reference to the appendix II for details</i></p>	

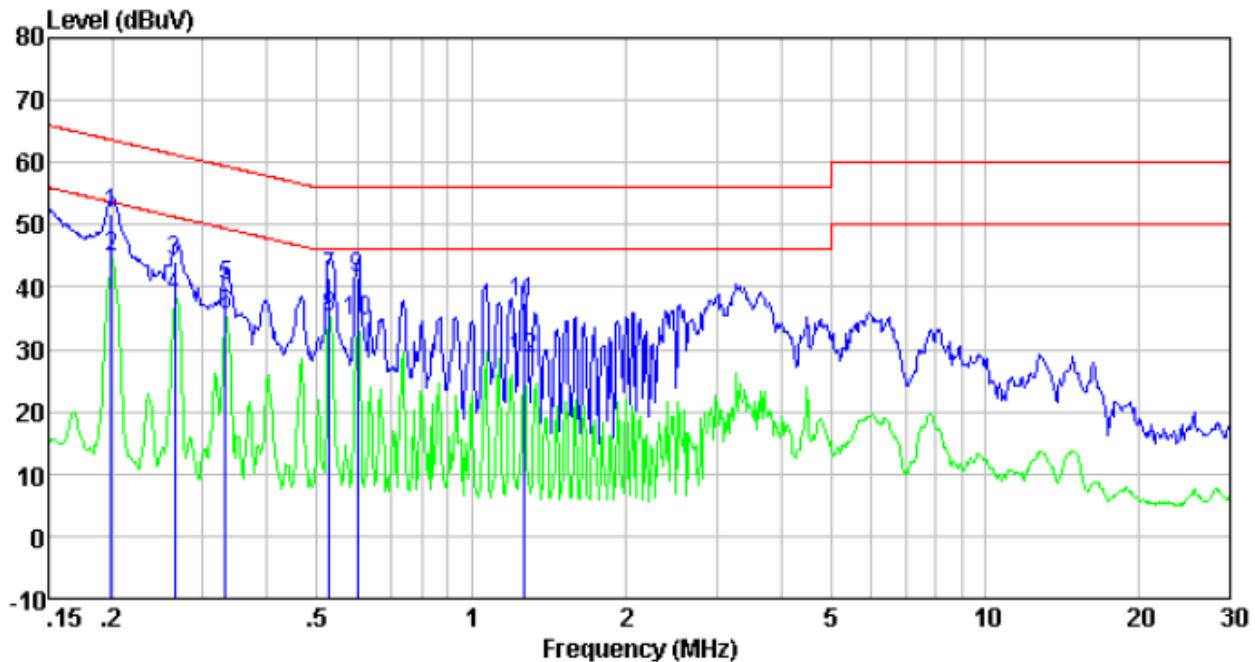
<b>Standard requirement:</b>	RSS-Gen Section 6.8
<p>A transmitter can only be sold or operated with antennas with which it was approved.</p> <p>When a measurement at the antenna connector is used to determine RF output power, the effective gain of the device's antenna shall be stated, based on measurement or on data from the antenna manufacturer. For transmitters of RF output power of 10 milliwatts or less, only the portion of the antenna gain that is in excess of 6 dBi (6 dB above isotropic gain) shall be added to the measured RF output power to demonstrate compliance with the radiated power limits specified in the applicable standard. For transmitters of output power greater than 10 milliwatts, the total antenna gain shall be added to the measured RF output power to demonstrate compliance to the specified radiated power</p>	
<b>EUT Antenna:</b>	
<p><i>The NFC antenna is Internal antenna; the best case gain of the antenna is 2.0dBi. reference to the appendix II for details</i></p>	

## 7.2 Conducted Emissions

Test Requirement:	FCC Part15 C Section 15.207 RSS-Gen Section 8.8		
Test Method:	ANSI C63.10:2013		
Test Frequency Range:	150KHz to 30MHz		
Class / Severity:	Class B		
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto		
Limit:	Frequency range (MHz)	Limit (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
* Decreases with the logarithm of the frequency.			
Test setup:	<p>Reference Plane</p> <p>Test table/Insulation plane</p> <p>Remark E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m</p>		
Test Instruments:	Refer to section 6.0 for details		
Test mode:	Refer to section 5.2 for details		
Test results:	Pass		

**Measurement data:**
**Line:**


Freq. MHz	Read Level dBuV	Factor dB/m	Level dBuV	Limit Line dBuV	Over Limit dB	Remark
0.21	30.42	20.51	50.93	63.18	-12.25	QP
0.21	22.23	20.51	42.74	53.18	-10.44	Average
0.29	21.98	20.50	42.48	60.63	-18.15	QP
0.29	15.81	20.50	36.31	50.63	-14.32	Average
0.50	20.44	20.43	40.87	56.01	-15.14	QP
0.50	13.40	20.43	33.83	46.01	-12.18	Average
0.56	19.84	20.42	40.26	56.00	-15.74	QP
0.56	13.48	20.42	33.90	46.00	-12.10	Average
0.63	15.64	20.40	36.04	56.00	-19.96	QP
0.63	5.40	20.40	25.80	46.00	-20.20	Average
3.57	18.43	20.38	38.81	56.00	-17.19	QP
3.57	4.29	20.38	24.67	46.00	-21.33	Average

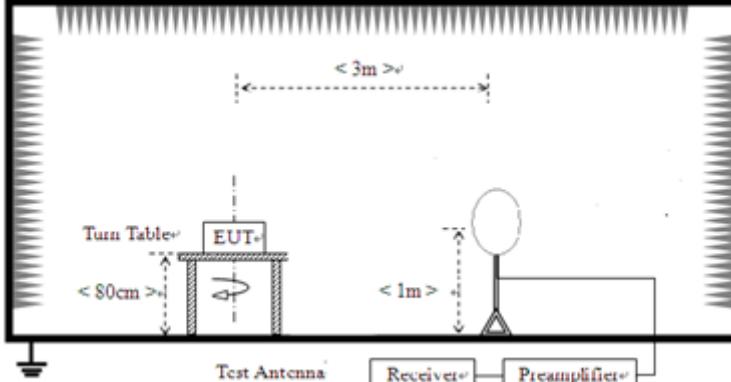
**Neutral:**


Freq. MHz	Read Level dBuV	Factor dB/m	Level dBuV	Limit Line dBuV	Over Limit dB	Remark
0.20	31.14	20.51	51.65	63.67	-12.02	QP
0.20	24.38	20.51	44.89	53.67	-8.78	Average
0.26	23.61	20.50	44.11	61.29	-17.18	QP
0.26	18.11	20.50	38.61	51.29	-12.68	Average
0.33	19.56	20.48	40.04	59.40	-19.36	QP
0.33	15.06	20.48	35.54	49.40	-13.86	Average
0.53	21.17	20.42	41.59	56.00	-14.41	QP
0.53	14.76	20.42	35.18	46.00	-10.82	Average
0.60	20.91	20.41	41.32	56.00	-14.68	QP
0.60	14.12	20.41	34.53	46.00	-11.47	Average
1.26	17.21	20.36	37.57	56.00	-18.43	QP
1.26	8.13	20.36	28.49	46.00	-17.51	Average

**Notes:**

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Final Level = Receiver Read level + LISN Factor + Cable Loss

## 7.3 Field Strength of Fundamental Emissions and Mask Measurement

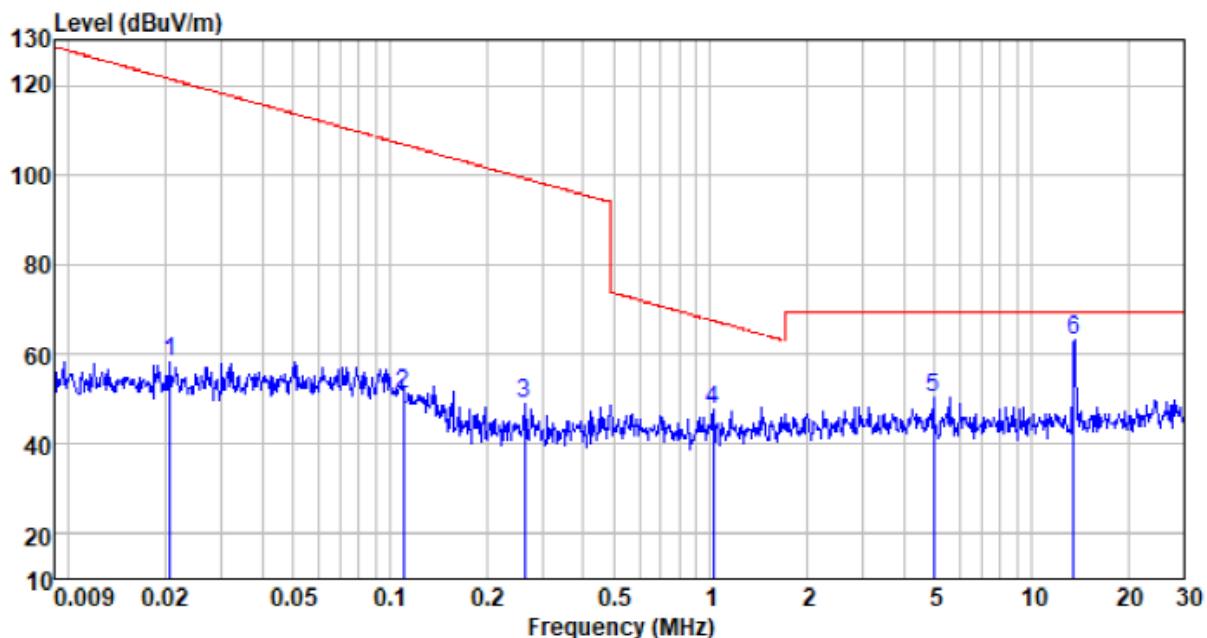
Test Requirement:	FCC Part15 C Section 15.225(a)(b)(c) RSS-210 b.6& RSS-Gen 8.9& RSS-Gen 8.10
Test Method:	ANSI C63.10:2013 & ANSI C63.4: 2014 &RSS-Gen
Test site:	Measurement Distance: 3m
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=Auto
limit:	FCC Part 15.225 & 15.209 RSS-210, Annex B.6 RSS-Gen, Section 8.9
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

**Measurement data:**

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Remark
13.56	39.97	22.86	0.51	63.34	94	-30.66	QP

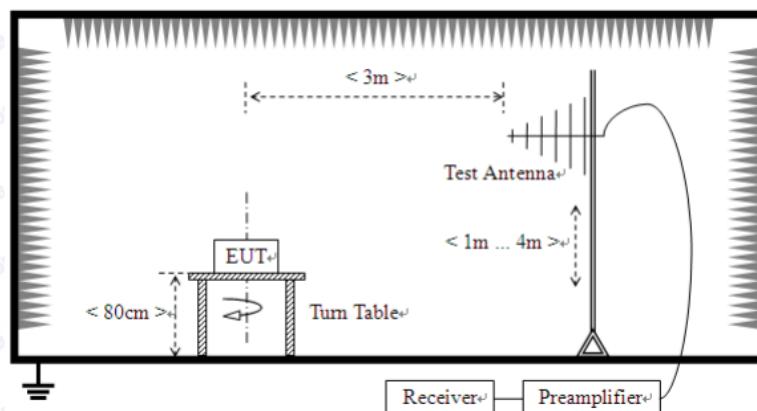
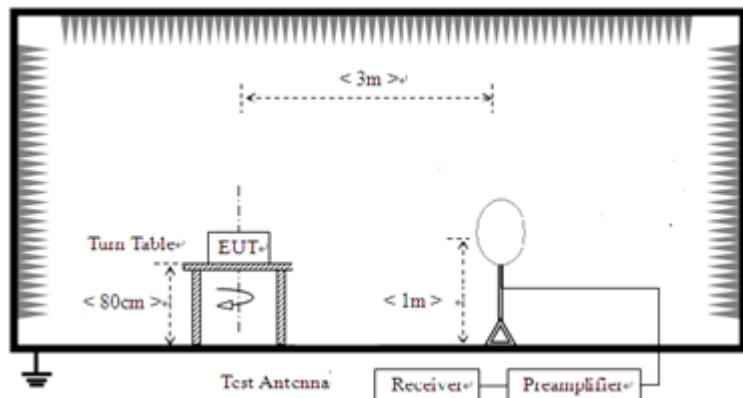
**Test plot as follows:**

**Test data combines x, y, z-axis**



## 7.4 Radiated Emission

Test Requirement:	FCC Part15 C Section 15.225(d) and 15.209 RSS-210 B.6& RSS-Gen 8.9& RSS-Gen 8.10																												
Test Method:	ANSI C63.10: 2013 & ANSI C63.4: 2014 &RSS-Gen																												
Test Frequency Range:	9KHz to 1000MHz																												
Test site:	Measurement Distance: 3m																												
Receiver setup:	Frequency	Detector	RBW	VBW	Remark																								
	9kHz-150kHz	Quasi-peak	200Hz	300Hz	Quasi-peak Value																								
	150kHz-30MHz	Quasi-peak	9kHz	10kHz	Quasi-peak Value																								
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value																								
FCC Limit:	<table border="1"> <thead> <tr> <th>Frequency (MHz)</th><th>Field strength (microvolts/meter)</th><th>Measurement distance (meters)</th></tr> </thead> <tbody> <tr><td>0.009-0.490</td><td>2400/F(kHz)</td><td>300</td></tr> <tr><td>0.490-1.705</td><td>24000/F(kHz)</td><td>30</td></tr> <tr><td>1.705-30.0</td><td>30</td><td>30</td></tr> <tr><td>30-88</td><td>100**</td><td>3</td></tr> <tr><td>88-216</td><td>150**</td><td>3</td></tr> <tr><td>216-960</td><td>200**</td><td>3</td></tr> <tr><td>Above 960</td><td>500</td><td>3</td></tr> </tbody> </table> <p>The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except 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.</p>					Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)	0.009-0.490	2400/F(kHz)	300	0.490-1.705	24000/F(kHz)	30	1.705-30.0	30	30	30-88	100**	3	88-216	150**	3	216-960	200**	3	Above 960	500	3
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)																											
0.009-0.490	2400/F(kHz)	300																											
0.490-1.705	24000/F(kHz)	30																											
1.705-30.0	30	30																											
30-88	100**	3																											
88-216	150**	3																											
216-960	200**	3																											
Above 960	500	3																											
IC Limit:	<p><b>Table 5 – General field strength limits at frequencies above 30 MHz</b></p> <table border="1"> <thead> <tr> <th>Frequency (MHz)</th><th>Field strength (<math>\mu</math>V/m at 3 m)</th></tr> </thead> <tbody> <tr><td>30 – 88</td><td>100</td></tr> <tr><td>88 – 216</td><td>150</td></tr> <tr><td>216 – 960</td><td>200</td></tr> <tr><td>Above 960</td><td>500</td></tr> </tbody> </table> <p><b>Table 6 – General field strength limits at frequencies below 30 MHz</b></p> <table border="1"> <thead> <tr> <th>Frequency</th><th>Magnetic field strength (H-Field) (<math>\mu</math>A/m)</th><th>Measurement distance (m)</th></tr> </thead> <tbody> <tr><td>9 - 490 kHz<sup>1</sup></td><td>6.37/F (F in kHz)</td><td>300</td></tr> <tr><td>490 - 1705 kHz</td><td>63.7/F (F in kHz)</td><td>30</td></tr> <tr><td>1.705 - 30 MHz</td><td>0.08</td><td>30</td></tr> </tbody> </table> <p><b>Note 1:</b> The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.</p>					Frequency (MHz)	Field strength ( $\mu$ V/m at 3 m)	30 – 88	100	88 – 216	150	216 – 960	200	Above 960	500	Frequency	Magnetic field strength (H-Field) ( $\mu$ A/m)	Measurement distance (m)	9 - 490 kHz <sup>1</sup>	6.37/F (F in kHz)	300	490 - 1705 kHz	63.7/F (F in kHz)	30	1.705 - 30 MHz	0.08	30		
Frequency (MHz)	Field strength ( $\mu$ V/m at 3 m)																												
30 – 88	100																												
88 – 216	150																												
216 – 960	200																												
Above 960	500																												
Frequency	Magnetic field strength (H-Field) ( $\mu$ A/m)	Measurement distance (m)																											
9 - 490 kHz <sup>1</sup>	6.37/F (F in kHz)	300																											
490 - 1705 kHz	63.7/F (F in kHz)	30																											
1.705 - 30 MHz	0.08	30																											
Test setup:	Below 30MHz																												

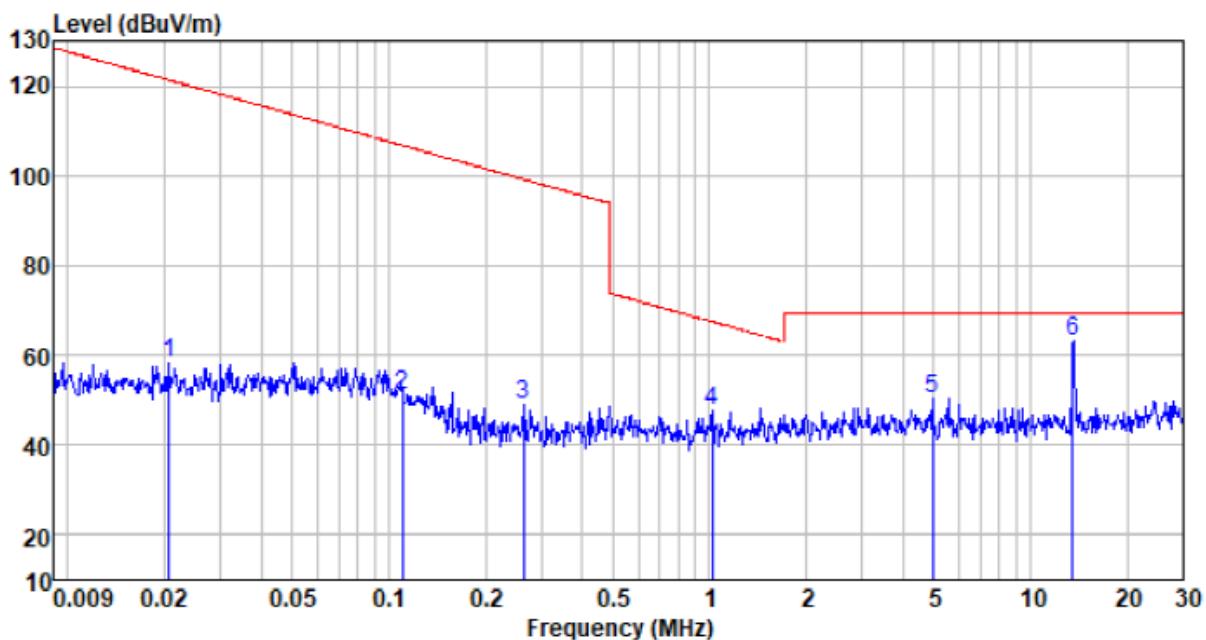


Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

**Measurement data:**

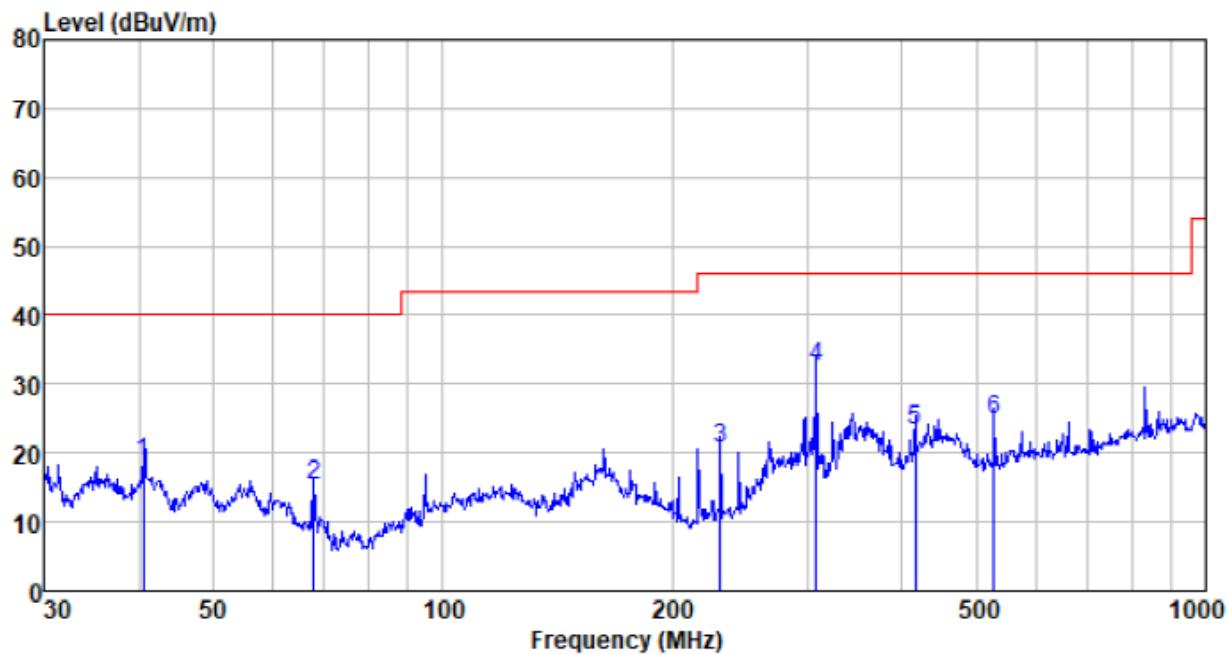
■ 9kHz~30MHz

Test data combines x, y, z-axis; the radiation emission more than 20dB below the limit



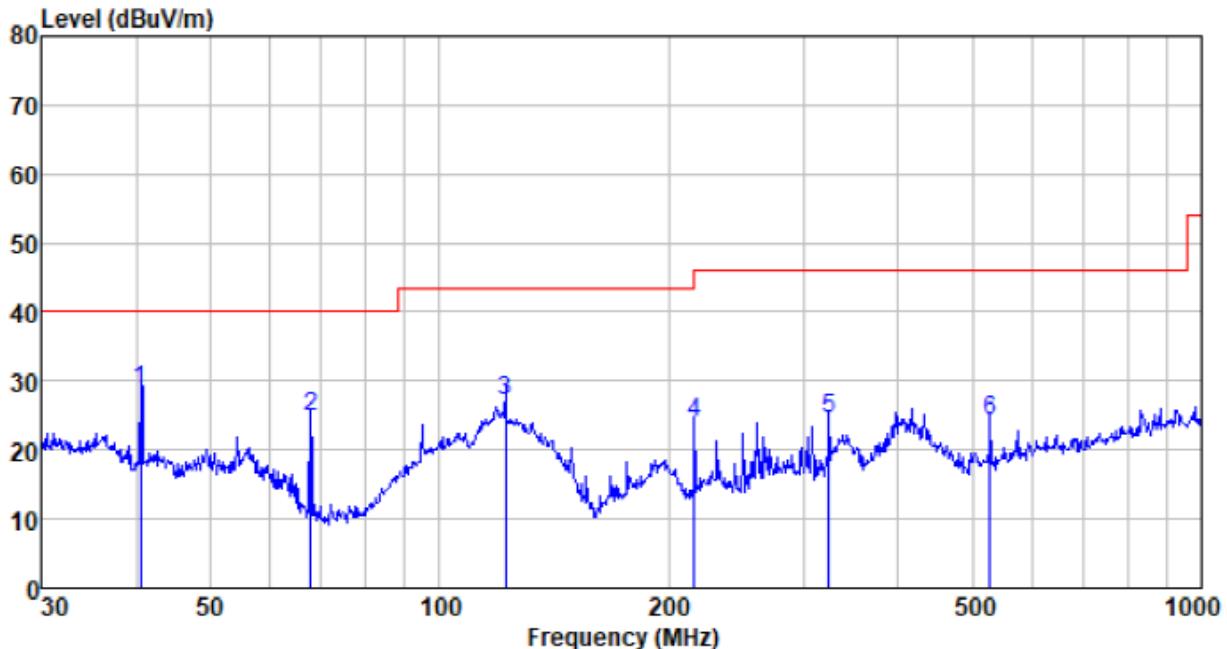
■ 30MHz~1GHz

Horizontal:



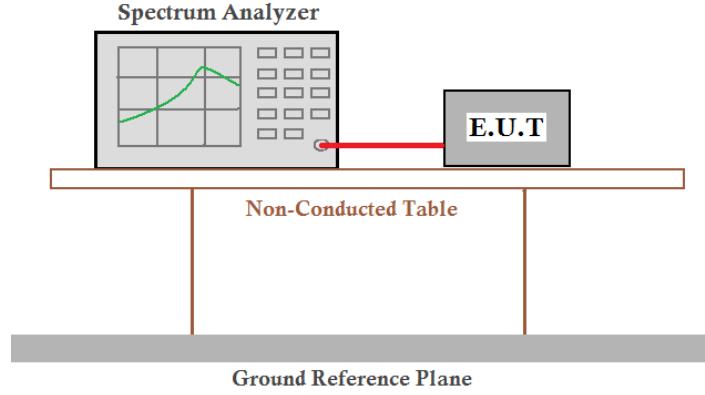
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	Limit level dBuV/m	Over limit dB	Remark
40.559	41.52	12.21	0.67	35.70	18.70	40.00	-21.30 QP
67.675	42.44	8.31	0.92	36.42	15.25	40.00	-24.75 QP
230.907	44.39	11.53	2.02	37.36	20.58	46.00	-25.42 QP
308.913	53.63	13.76	2.41	37.43	32.37	46.00	-13.63 QP
416.179	42.31	15.67	2.93	37.52	23.39	46.00	-22.61 QP
528.246	40.83	17.96	3.43	37.52	24.70	46.00	-21.30 QP

Vertical:



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
40.559	51.56	12.21	0.67	35.70	28.74	40.00	-11.26	QP
67.675	51.90	8.31	0.92	36.42	24.71	40.00	-15.29	QP
121.976	53.44	9.19	1.38	36.89	27.12	43.50	-16.38	QP
216.024	48.28	11.02	1.93	37.35	23.88	46.00	-22.12	QP
324.456	45.34	14.07	2.49	37.45	24.45	46.00	-21.55	QP
528.246	40.22	17.96	3.43	37.52	24.09	46.00	-21.91	QP

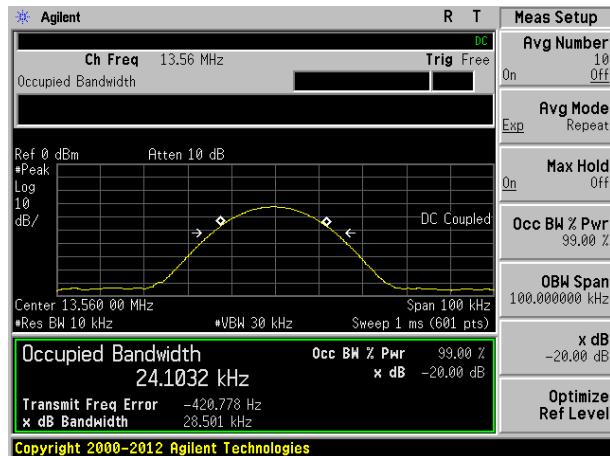
## 7.5 Occupied Bandwidth

Test Requirement:	FCC Part15 C Section 15.225 and 15.215 RSS-Gen 6.7
Test Method:	ANSI C63.10:2013 & RSS-Gen
Limit:	N/A
Test Procedure:	<ol style="list-style-type: none"> <li>1. According to the follow Test-setup, keep the relative position between the artificial antenna and the EUT.</li> <li>2. Set the EUT to proper test channel.</li> <li>3. Max hold the radiated emissions, mark the peak power frequency point and the -20dB upper and lower frequency points.</li> <li>4. Read 20dB bandwidth &amp; 99%bandwidth.</li> </ol>
Test setup:	
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

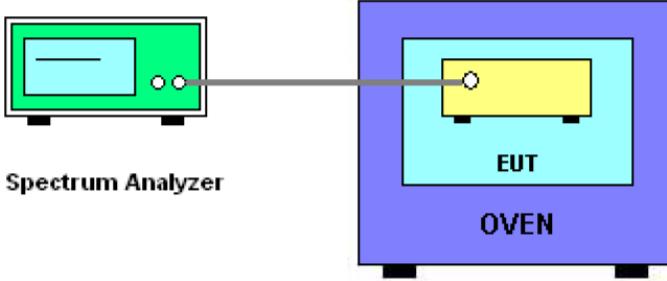
## Measurement Data

Test frequency(MHz)	20dB bandwidth(KHz)	99% bandwidth(KHz)	Result
13.56	28.501	24.1032	Pass

**Test plot as follows:**



## 7.6 Frequency Stability Measurement

Test Requirement:	FCC Part15 C Section 15.225 (e) RSS-210, B.6
Test Method:	ANSI C63.10: 2013
Receiver setup:	RBW=1KHz, VBW=1KHz, Sweep time=Auto
Limit:	The frequency tolerance of the carrier signal shall be maintained within +/- 0.01% of the operating frequency over a temperature variation of -20 degrees to +50 degrees C at normal supply voltage, 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.
Test setup:	 <p>The diagram illustrates the test setup. A green 'Spectrum Analyzer' is connected by a cable to a yellow rectangular 'EUT' (Equipment Under Test). The 'EUT' is positioned inside a large blue rectangular 'OVEN'.</p>
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Measurement data:

Reference Frequency: 13.56MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit	Result
		Hz	%		
7.4	-20	91	0.0007	+/- 0.01%	Pass
	-10	82	0.0006		
	0	68	0.0005		
	10	59	0.0004		
	20	49	0.0004		
	30	58	0.0004		
	40	74	0.0005		
	50	79	0.0006		

Reference Frequency: 13.56MHz					
Temperature (°C)	Power supplied (Vac)	Frequency error		Limit	Result
		Hz	ppm		
20	7.8	172	0.0013	+/- 0.01%	Pass
	6.7	128	0.0009		

## 8 Test Setup Photo

Reference to the **appendix I** for details.

## 9 EUT Constructional Details

Reference to the **appendix II** for details.

----- End -----