

Test Report

Report No.: MTi210926011-05E1

Date of issue: Nov. 19, 2021

Applicant: ShenZhen Powerqi Technology Co., Ltd.

Product: Desktop Magnetic Wireless Charger

Model(s): LC26C, LC26D

FCC ID: 2AFP2LC26C

Shenzhen Microtest Co., Ltd. http://www.mtitest.com



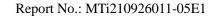
Instructions

- 1. This test report shall not be partially reproduced without the written consent of the laboratory.
- 2. The test results in this test report are only responsible for the samples submitted
- 3. This test report is invalid without the seal and signature of the laboratory.
- 4. This test report is invalid if transferred, altered, or tampered with in any form without authorization.
- 5. Any objection to this test report shall be submitted to the laboratory within 15 days from the date of receipt of the report.



Contents

1	General Description	5
	1.1 Description of the EUT	
2	Summary of Test Result	7
3	Test Facilities and accreditations	8
	3.1 Test laboratory	8
4	List of test equipment	9
5	Test Results	10
	5.1 Standard requirement	10 11 16
6	Photographs of the test setup	25
7	Photographs of the EUT	26





Test Result Certification				
Applicant:	ShenZhen Powerqi Technology Co., Ltd.			
Address:	Room 201, 302, 401 of A4 Building, Block A, Fangxing Science and Technology Park, No. 13 of Baonan Road, Longgang District, Shenzhen, China			
Manufacturer:	ShenZhen Powerqi Technology Co., Ltd.			
Address:	Room 201, 302, 401 of A4 Building, Block A, Fangxing Science and Technology Park, No. 13 of Baonan Road, Longgang District, Shenzhen, China			
Product description				
Product name: Desktop Magnetic Wireless Charger				
Trademark: POWERQI				
Model name:	LC26C			
Serial Model:	LC26D			
Standards:	FCC 47 CFR Part 15 Subpart C			
Test method:	ANSI C63.10-2013			
Date of Test				
Date of test:	2021-10-25 ~ 2021-10-29			
Test result: Pass				

Test Engineer	:	Yanice Xie		
	·	(Yanice Xie)		
Reviewed By:	:	lear chen		
	·	(Leon Chen)		
Approved By:	:	Tom Xue		
	•	(Tom Xue)		



1 General Description

1.1 Description of the EUT

Product name:	Product name: Desktop Magnetic Wireless Charger		
Model name:	LC26C		
Series Model: LC26D			
Model difference:	All the models are the same circuit and RF module, except the model name		
Electrical rating:	Input: DC 5V3A / 9V3A / 12V2.5A Output:(Phone): 5W / 7.5W / 10W / 15W Output:(Airpods): 5W		
Accessories:	N/A		
RF specification:			
Operation frequency:	transmitter 1: 115 kHz – 205 kHz transmitter 2: 115 kHz – 205 kHz		
Modulation type:	ASK		
Antenna type: Coil Antenna			

1.2 Description of test modes

All the test modes were carried out with the EUT in normal operation, the final test mode of the EUT was the worst test mode for emission test, which was shown in this report and defined as:

No.	Emission test modes		
Mode 1	Operating mode (transmitter 1:5W)		
Mode 2	Operating mode (transmitter 1:7.5W)		
Mode 3	Operating mode (transmitter 1:10W)		
Mode 4	Operating mode (transmitter 1:15W)		
Mode 5	5 Operating mode (transmitter 2:5W)		
Mode 6	Operating mode (transmitter 1:5W+ transmitter 2:5W)		
Mode 7	Operating mode (transmitter 1:7.5W+ transmitter 2:5W)		
Mode 8	Operating mode (transmitter 1:10W+ transmitter 2:5W)		
Mode 9	Operating mode (transmitter 1:15W+ transmitter 2:5W)		
The warst test made of conducted emissions, Mode 0			

The worst test mode of conducted emissions: Mode 9

The worst test mode of radiated emissions: Mode 6

1.3 Description of support units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support equipment list						
Description	Model	Serial No.	Manufacturer			
Wireless charging load	/	/	YBZ			
Wireless charging load	/	/	YBZ			
Adapter	HW-090200CH0	/	Huizhou BYD Electronics Co., Ltd.			
Support cable list						
Description	Length (m)	From	То			
/	/	/	/			

1.4 Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15°C~35°C
Humidity:	20 % RH ~ 75 % RH
Atmospheric pressure:	98 kPa~101 kPa

1.5 Measurement uncertainty

Measurement	Uncertainty	
Conducted emission (150 kHz~30 MHz)	± 2.5 dB	
Radiated emission (30 MHz~1 GHz)	± 4.2 dB	
Radiated emission (above 1 GHz)	± 4.3 dB	
Temperature	±1 degree	
Humidity	± 5 %	

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Address: 101, No. 7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao' an District, Shenzhen, Guangdong, China Tel: (86-755)88850135 Fax: (86-755) 88850136 Web:www.mtitest.com E-mail: mti@51mti.com



2 Summary of Test Result

No.	FCC reference	Description of test	Result		
	Emission				
1	FCC Part 15.203	Antenna requirement	Pass		
2	FCC Part 15.207	AC power line Conducted emissions	Pass		
3	FCC Part 15.209	Radiated emissions	Pass		
4	FCC Part 15.215	Occupied bandwidth	Pass		

Note: N/A means not applicable.



3 Test Facilities and accreditations

3.1 Test laboratory

Test laboratory:	Shenzhen Microtest Co., Ltd.
Test site location:	101, No. 7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao' an District, Shenzhen, Guangdong, China
Telephone: (86-755)88850135	
Fax:	(86-755)88850136
CNAS Registration No.:	CNAS L5868
FCC Registration No.:	448573

4 List of test equipment

					<u> </u>	
No.	Equipment	Manufacturer	Model	Serial No.	Cal. date	Cal. Due
MTI-E043	EMI test receiver	R&S	ESCI7	101166	2021/06/02	2022/06/01
MTI-E044	Broadband antenna	Schwarzbeck	VULB9163	9163-1338	2021/05/30	2023/05/29
MTI-E045	Horn antenna	Schwarzbeck	BBHA9120D	9120D-2278	2021/05/30	2023/05/29
MTi-E046	Active Loop Antenna	Schwarzbeck	FMZB 1519 B	00066	2021/05/30	2023/05/29
MTI-E047	Pre-amplifier	Hewlett-Packard	8447F	3113A06184	2021/06/02	2022/06/01
MTI-E048	Pre-amplifier	Agilent	8449B	3008A01120	2021/06/02	2022/06/01
MTi-E005	EMI test receiver	R&S	ESPI7	100314	2021/06/02	2022/06/01
MTi-E120	Broadband antenna	Schwarzbeck	VULB9163	9163-1419	2021/05/30	2023/05/29
MTi-E121	Pre-amplifier	Hewlett-Packard	8447D	2944A09365	2021/04/16	2022/04/15
MTi-E123	Pre-amplifier	Agilent	8449B	3008A04723	2021/05/06	2022/05/05
MTi-E122	MXA signal analyzer	Agilent	N9020A	MY5444085 9	2021/05/06	2022/05/05
MTi-E001	Artificial Mains Network	R&S	ESH2-Z5	100263	2021/06/02	2022/06/01
MTi-E002	EMI Test Receiver	R&S	ESCI3	101368	2021/06/02	2022/06/01
MTi-E023	Artificial power network	Schwarzbeck	NSLK8127	NSLK8127# 841	2021/06/02	2022/06/01
MTi-E025	Artificial power network	Schwarzbeck	NSLK8127	8127183	2021/06/02	2022/06/01
MTi-E026	8-wire Impedance Stabilization Network	Schwarzbeck	NTFM 8158	NTFM 8158 #199	2021/06/02	2022/06/01
MTi-E021	EMI Test Receiver	R&S	ESCS30	100210	2021/06/02	2022/06/01
MTi-E024	Artificial power network	Schwarzbeck	NSLK8127	01001	2021/06/02	2022/06/01



5 Test Results

5.1 Standard requirement

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 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, 15.221, or §15.236. 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.

5.2 Description of the EUT antenna

The antenna of EUT is coil antenna, which is integrated on the main PCB of the EUT and no consideration of replacement.

Page 11 of 26 Report No.: MTi210926011-05E1

5.3 AC power line Conducted emissions

5.3.1 Limits

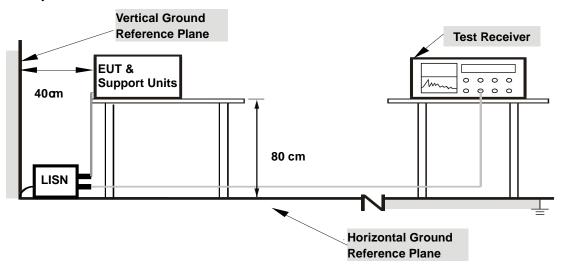
Frequency (MHz)	Detector type / Bandwidth	Limit-Quasi-peak dBµV	Limit-Average dBµV
0.15 -0.5	Average / 9 kHz	66 to 56	56 to 46
0.5 -5		56	46
5 -30		60	50

Note 1: the limit decreases with the logarithm of the frequency in the range of 0.15 MHz to 0.5 MHz.

5.3.2 Test Procedures

- a) The test setup is refer to the standard ANSI C63.10-2013.
- b) The EUT is connected to the main power through a line impedance stabilization network (LISN). All support equipment is powered from additional LISN(s).
- c) Emissions were measured on each current carrying line of the EUT using an EMI test receiver connected to the LISN powering the EUT.
- d) The test receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes described in Item 1.2.
- e) The test data of the worst-case condition(s) was recorded.

5.3.3 Test setup



For the actual test configuration, please refer to the related item – Photographs of the test setup.

5.3.4 Test Result

Calculation formula:

Measurement ($dB\mu V$) = Reading Level ($dB\mu V$) + Correct Factor (dB) Over (dB) = Measurement (dB μ V) – Limit (dB μ V)

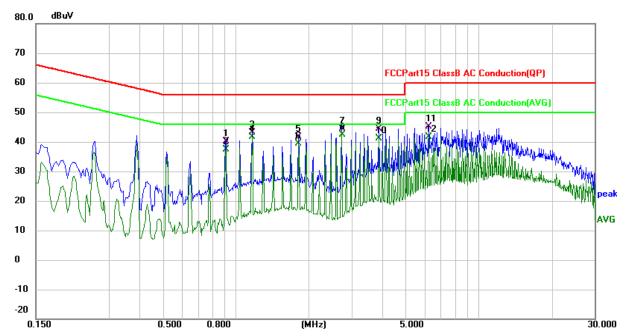


est mode:	Mode 9	Phase:	L
Power supply:	Power by AC/DC adapter (AC 120V/60Hz)	Test site:	CE chamber 1
80.0 dBuV			
70			
60		FCCPart15 ClassB AC Co	enduction(QP)
50	3	FCCPart15 ClassB AC Co	nduction(AVG)
40	1 1 1 5		Alphana.
30	WANTE AND		HATELAN HATELANDERS AND
20		CNATA III	peak
10	All	M(No.	AVG
0			
-10			
-20 0.150	0.500 0.800 (MH	z) 5.000	30.000

No. I	Mk. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	0.9060	28.70	13.05	41.75	56.00	-14.25	QP
2	0.9060	25.66	13.05	38.71	46.00	-7.29	AVG
3	1.1620	30.57	13.61	44.18	56.00	-11.82	QP
4	1.1620	28.04	13.61	41.65	46.00	-4.35	AVG
5	1.8100	26.39	15.00	41.39	56.00	-14.61	QP
6	1.8100	23.34	15.00	38.34	46.00	-7.66	AVG
7	2.7100	33.14	11.39	44.53	56.00	-11.47	QP
8 1	* 2.7100	30.85	11.39	42.24	46.00	-3.76	AVG
9	6.9740	33.84	11.64	45.48	60.00	-14.52	QP
10	6.9740	29.79	11.64	41.43	50.00	-8.57	AVG
11	10.4620	33.35	11.58	44.93	60.00	-15.07	QP
12	10.4620	25.36	11.58	36.94	50.00	-13.06	AVG



Test mode:	Mode 9	Phase:	N
Power supply:	Power by AC/DC adapter (AC 120V/60Hz)	Test site:	CE chamber 1
80.0 dBuV			



No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	0.9100	27.07	12.99	40.06	56.00	-15.94	QP
2	0.9100	24.36	12.99	37.35	46.00	-8.65	AVG
3	1.1700	29.55	13.57	43.12	56.00	-12.88	QP
4	1.1700	27.95	13.57	41.52	46.00	-4.48	AVG
5	1.8180	26.68	15.00	41.68	56.00	-14.32	QP
6	1.8180	24.42	15.00	39.42	46.00	-6.58	AVG
7	2.7260	32.91	11.39	44.30	56.00	-11.70	QP
8 *	2.7260	31.11	11.39	42.50	46.00	-3.50	AVG
9	3.8940	33.10	11.39	44.49	56.00	-11.51	QP
10	3.8940	29.62	11.39	41.01	46.00	-4.99	AVG
11	6.2300	33.73	11.41	45.14	60.00	-14.86	QP
12	6.2300	30.31	11.41	41.72	50.00	-8.28	AVG

30.000



-20

0.150

0.500

0.800

Test mod	e:	Mode	9			Phas	e:					L		
Power su	pply:	Powe (AC 2	Power by AC/DC adapter (AC 240V/60Hz) Test site:		CE cham	CE chamber 1								
80.0	dBuV													ı
70														
60								FCCF	Part15	ClassE	AC	Conduction(QP)		
50					3	.7.		FCCI	art15	Class II	AC	Conduction(AVG)		
40		<u></u>			1 ¥ 1				¥0 		WW	dheppinghan Tal-Jan	Au.	
30		a a Ma	A,	N _{O/} /V	MUVANINA NA	ШИ	1111					PV/Phyrhilly/freepreepreepreepreepreepreepreepreepree	MANAGE TO SERVICE THE SERVICE	peak
20			444						ladia				79 (4/14/14)	AVG
10	\ \ <u>\</u>	100		MΛ.	, ,	MAMA.								
0														
-10														

(MHz)

5.000

No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	1.0339	27.91	13.34	41.25	56.00	-14.75	QP
2	1.0339	24.06	13.34	37.40	46.00	-8.60	AVG
3	1.1620	30.36	13.61	43.97	56.00	-12.03	QP
4	1.1620	27.62	13.61	41.23	46.00	-4.77	AVG
5	2.5820	31.46	11.39	42.85	56.00	-13.15	QP
6	2.5820	29.05	11.39	40.44	46.00	-5.56	AVG
7	2.7139	33.72	11.39	45.11	56.00	-10.89	QP
8 *	2.7139	31.14	11.39	42.53	46.00	-3.47	AVG
9	5.4260	34.80	11.51	46.31	60.00	-13.69	QP
10	5.4260	29.79	11.51	41.30	50.00	-8.70	AVG
11	7.7500	34.69	11.62	46.31	60.00	-13.69	QP
12	7.7500	29.30	11.62	40.92	50.00	-9.08	AVG

30.000



0

-10 -20

0.150

0.500

0.800

Test mode	e:	Mode 9	Mode 9				N	N	
Power sup	pply:	Power by A (AC 240V/6	C/DC adapter 60Hz)	Test site:			CE cham	ber 1	
80.0	dBuV								
70 60					FCCPart15	ClassB AC	Conduction(QP)		
50			2	5 -	FCCPart15	ClassB AC	Conduction(AVG)		
40 30	Wall I	\ \ \ \ \				iji prijedaju prijelje kal	MANAGERALISM	MALL.	
20							Mallon and all physical sections of	"""NAN	peak AVG
10	- V ()	1 <u>,</u> // <u> </u>	Thirtian Marian	SaMI III A					

(MHz)

No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	0.8980	27.76	12.97	40.73	56.00	-15.27	QP
2	0.8980	24.00	12.97	36.97	46.00	-9.03	AVG
3	1.1620	29.69	13.55	43.24	56.00	-12.76	QP
4	1.1620	26.98	13.55	40.53	46.00	-5.47	AVG
5	2.6940	31.93	11.39	43.32	56.00	-12.68	QP
6 *	2.6940	29.56	11.39	40.95	46.00	-5.05	AVG
7	3.4820	29.76	11.39	41.15	56.00	-14.85	QP
8	3.4820	26.72	11.39	38.11	46.00	-7.89	AVG
9	4.6419	33.95	11.38	45.33	56.00	-10.67	QP
10	4.6419	28.41	11.38	39.79	46.00	-6.21	AVG
11	6.1900	32.72	11.41	44.13	60.00	-15.87	QP
12	6.1900	28.79	11.41	40.20	50.00	-9.80	AVG

5.000

5.4 Radiated emissions

5.4.1 Limits

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

Note 1: the tighter limit applies at the band edges.

Note 2: 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

5.4.2 Test setup

According to ANSI C63.10, the tests shall be performed in the frequency range shown in the following table:

Frequency range of measurements for unlicensed wireless device

Lowest frequency generated in the device	Upper frequency range of measurement
9 kHz to below 10 GHz	10th harmonic of highest fundamental frequency or to 40 GHz, whichever is lower
At or above 10 GHz to below 30 GHz	5th harmonic of highest fundamental frequency or to 100 GHz, whichever is lower
At or above 30 GHz	5th harmonic of highest fundamental frequency or to 200 GHz, whichever is lower, unless otherwise specified

Frequency range of measurements for unlicensed wireless device with digital device

Highest frequency generated or used in the device or on which the device operates or tunes	Upper frequency range of measurement
Below 1.705 MHz	30 MHz
1.705 MHz to 108 MHz	1000 MHz
108 MHz to 500 MHz	2000 MHz
500 MHz to 1000 MHz	5000 MHz
Above 1000 MHz	5th harmonic of the highest frequency or 40 GHz, whichever is lower



Test instrument setup

Frequency	Test receiver / Spectrum analyzer setting
9 kHz ~ 150 kHz	Quasi Peak / 200 kHz
150 kHz ~ 30 MHz	Quasi Peak / 9 kHz
30 MHz ~ 1 GHz	Quasi Peak / 120 kHz

5.4.3 Test Procedures

The EUT is placed on a non-conducting table 80cm above the ground plane for measurement blew 1 GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10-2013.

For measurement blew 1 GHz, the resolution bandwidth is set as item 5.4.2.

The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned form 1 to 4m meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and horizontal positions.

Special requirements for 9 KHz to 30 MHz:

The lowest height of the magnetic antenna shall be 1 m above the ground

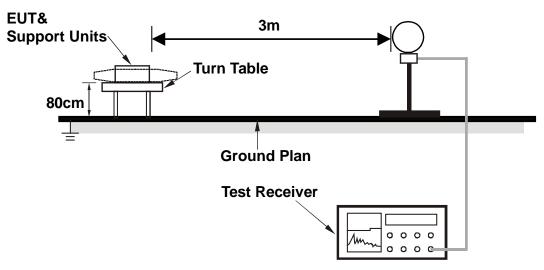
When the EUT contains a loop antenna that can only be placed in a vertical axis, normal measurements shall be made aligning the measurement antenna along the site axis, and then orthogonal to the axis. For each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable.

When the EUT contains a loop antenna that can be placed in a horizontal or vertical axis, normal measurements shall be made aligning the measurement antenna along the site axis, orthogonal to the axis, and then with the measurement antenna horizontal. For each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable.

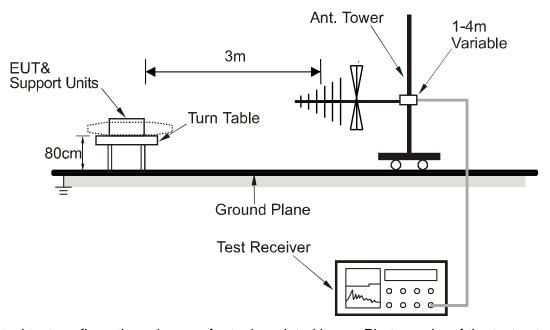


5.4.4 Test Setup

Blew 30 MHz:



Blew 1 GHz:



For the actual test configuration, please refer to the related item – Photographs of the test setup.

5.4.5 Test result

Calculation formula:

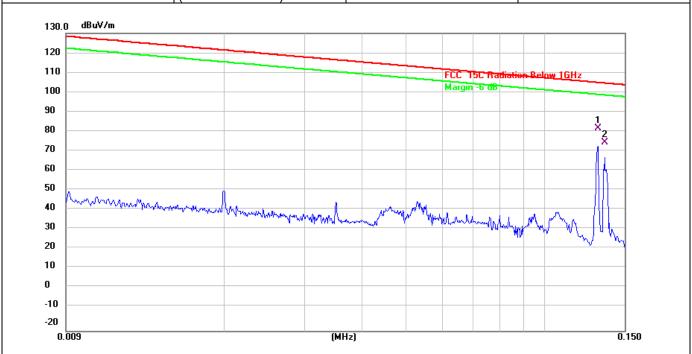
Measurement (dB μ V/m) = Reading Level (dB μ V) + Correct Factor (dB/m) Over (dB) = Measurement (dB μ V/m) – Limit (dB μ V/m)

Note: For 9 kHz - 30 MHz testing, all the required orthogonal orientations of the measurement loop antenna were performed for pre-scan, the maximum radiated transmissions (Site axis) were recorded.



Frequency 9 kHz ~ 150 kHz

Test mode:	Mode 9	Polarization:	Site axis
Power supply:	Power by AC/DC adapter (AC 120V/60Hz)	Test site:	RE chamber 2

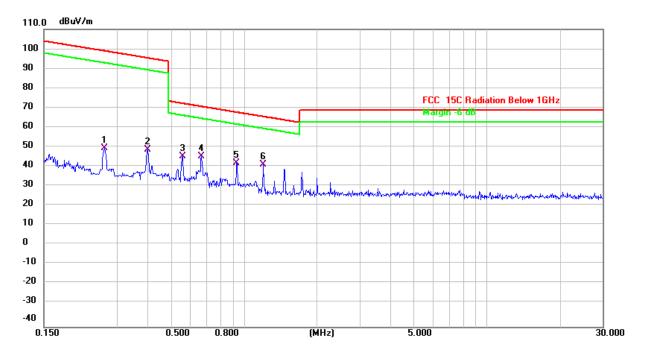


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	0.1310	61.69	20.41	82.10	105.19	-23.09	QP
2	0.1355	54.77	20.43	75.20	104.90	-29.70	QP

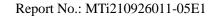


Frequency 150 kHz ~ 30 MHz

Test mode:	Mode 9	Polarization:	Site axis
Power supply:	Power by AC/DC adapter (AC 120V/60Hz)	Test site:	RE chamber 2



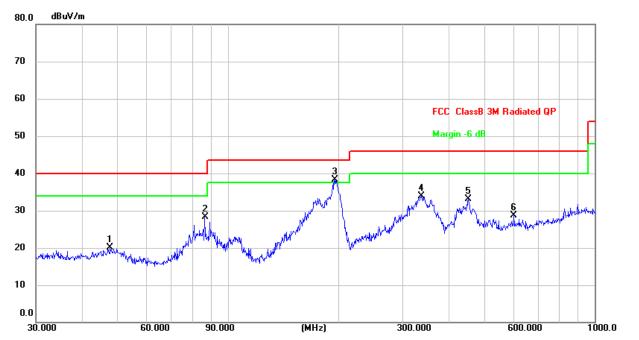
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.2657	29.59	20.53	50.12	99.09	-48.97	QP
2	0.4017	28.90	20.57	49.47	95.52	-46.05	QP
3	0.5581	25.29	20.62	45.91	72.67	-26.76	QP
4	0.6683	25.55	20.67	46.22	71.11	-24.89	QP
5	0.9331	22.01	20.77	42.78	68.22	-25.44	QP
6 *	1.2033	20.99	20.81	41.80	66.02	-24.22	QP





Frequency 30 MHz ~ 1 GHz

Test mode:		Polarization:	Horizontal
Power supply:	Power by AC/DC adapter (AC 120V/60Hz)	Test site:	RE chamber 2

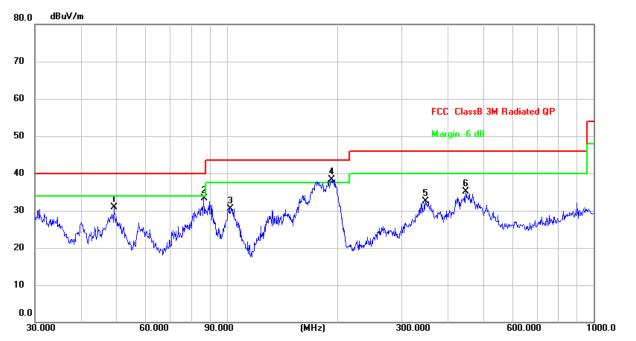


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		47.8260	27.55	-7.53	20.02	40.00	-19.98	QP
2		86.5029	37.67	-9.37	28.30	40.00	-11.70	QP
3	*	195.1365	46.36	-8.09	38.27	43.50	-5.23	QP
4		337.2155	38.44	-4.59	33.85	46.00	-12.15	QP
5		452.7197	36.55	-3.52	33.03	46.00	-12.97	QP
6		601.4265	28.49	0.14	28.63	46.00	-17.37	QP



Frequency 30 MHz ~ 1 GHz

Test mode:		Polarization:	Vertical
Power supply:	Power by AC/DC adapter (AC 120V/60Hz)	Test site:	RE chamber 2



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		49.3594	38.54	-7.61	30.93	40.00	-9.07	QP
2		86.5029	42.58	-9.37	33.21	40.00	-6.79	QP
3		102.0014	39.08	-8.54	30.54	43.50	-12.96	QP
4	*	192.4186	46.65	-8.34	38.31	43.50	-5.19	QP
5	,	348.0274	37.20	-4.65	32.55	46.00	-13.45	QP
6	4	447.9822	38.64	-3.49	35.15	46.00	-10.85	QP



5.5 Occupied bandwidth test

5.5.1 Test Procedures

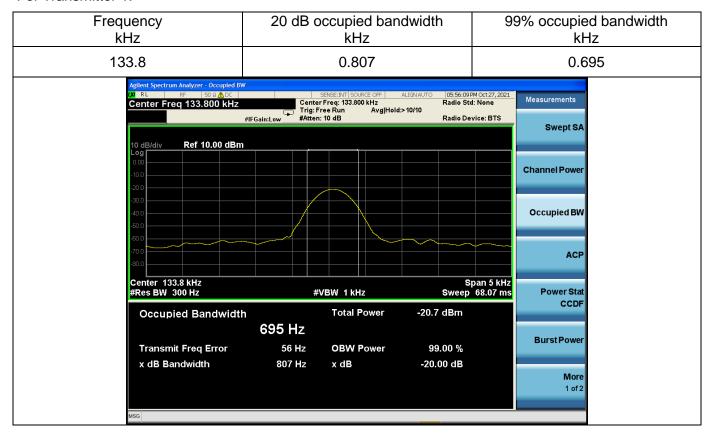
- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the EMI receiver or spectrum analyzer shall be between two times and five times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and video bandwidth (VBW) shall be approximately three times RBW.
- c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation.
- d) The dynamic range of the instrument at the selected RBW shall be more than 10 dB below the target "-xx dB down" requirement
- e) Set detection mode to peak and trace mode to max hold.
- f) Determine the "-xx dB down amplitude" using [(reference value) xx]. Alternatively, this calculation may be made by using the marker-delta function of the instrument.

5.5.2 Test Result

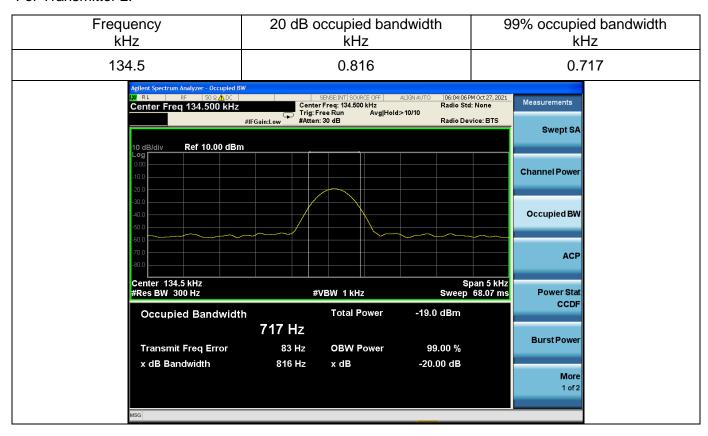
Note: Because the measured signal is CW-like, adjusting the RBW per C63.10 would not be practical since measurement bandwidth will always follow the RBW. The RBW is set to 300 Hz to perform the occupied bandwidth test.



For Transmitter 1:



For Transmitter 2:





6 Photographs of the test setup

See the APPENDIX 2 – Test Setup Photo.



7 Photographs of the EUT

See the APPENDIX 1 - EUT Photo.

----End of Report----