

RF TEST REPORT

FCC ID: 2AFZZ-WPB15PDZM

Test Report No.....: RF231016008-01-003

Product(s) Name.....: Xiaomi 10W Wireless Power Bank 10000

Model(s).....: WPB15PDZM

Trade Mark.....: **XIAOMI**

Applicant.....: Xiaomi Communications Co., Ltd.

Address.....: #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District,
Beijing, China, 100085

Receipt Date.....: 2023.10.16

Test Date.....: 2023.10.20~2023.10.29

Issued Date.....: 2023.12.18

Standards.....: 47 CFR FCC Part 15, Subpart C;
ANSI C63.10:2013

Testing Laboratory.....: Shenzhen Haiyun Standard Technical Co., Ltd.


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1. General Information

1.1 Applicant

Xiaomi Communications Co., Ltd.

#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

1.2 Manufacturer

Xiaomi Communications Co., Ltd.

#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

1.3 Basic Description of Equipment Under Test

Product No.	POC231016008-S001, POC231016008-S002
Product Name	Xiaomi 10W Wireless Power Bank 10000
Model Name	WPB15PDZM
Trademark	Xiaomi
Power supply:	DC 5V/9V from adapter or DC 3.7V from battery
WPT Output Power:	10W Max
Modulation type	ASK
Operating frequency	110-148kHz
Antenna type	Coil Antenna
Antenna Gain	0 dBi

1.4 Application of Standard

47 CFR FCC Part 15, Subpart C and ANSI C63.10:2013

1.5 Independent Operation Modes

The basic operation modes are:

- A. On, Wireless charging(Wireless Charger)
- B. Standby
- C. Off

2. Summary of Test Results

2.1 Summary of Test Items

47 CFR FCC Part 15, Subpart C		
Test Item	FCC Clause	Results
AC Power Conducted Emission	15.207	Pass
Radiated Emission	15.209	Pass
Antenna Requirement	15.203	Pass
20dB Bandwidth	15.215(c)	Pass

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

2.2 Test Instruments

Radiated Emissions						
No.	Equipment	Manufacturer	Type No.	Serial No.	Cal. date (yyyy/mm/dd)	Cal. Due date (yyyy/mm/dd)
1	Test receiver	Rohde&Schwarz	ESU	100184	2023/5/3	2024/5/2
2	Horn Antenna	Schwarzbeck	BBHA 9120 D	9120D-1273	2023/4/23	2024/4/22
3	Low frequency amplifier	Unknown	LNA 0920N	2014	2023/5/3	2024/5/2
4	High frequency amplifier	Schwarzbeck	BBV 9718	284	2023/5/3	2024/5/2
5	Loop Antenna	Schwarzbeck	FMZB1519 B	00029	2022/7/4	2025/7/3
6	Log periodic antenna	Schwarzbeck	VULB 9168	1151	2023/4/23	2024/4/22
7	Horn Antenna	Schwarzbeck	BBHA 9120 D	9120D-1273	2022/5/5	2025/5/4
8	Horn Antenna	Schwarzbeck	BBHA 9170	9170#685	2022/7/4	2025/7/3
9	Temp&Humidity Recorder	Meideshi	JR900	/	2023/5/3	2024/5/2
10	RF cable(966 chamber)9kHz-1GHz	Unknown	Unknown	Unknown	2023/5/3	2024/5/2
11	RF cable(966 chamber)1GHz-18GHz	Unknown	Unknown	Unknown	2023/5/3	2024/5/2
12	RF cable(966 chamber)18GHz-40GHz	Unknown	Unknown	Unknown	2023/5/3	2024/5/2
13	Test software	Farad Technology Co., Ltd	EZ-EMC	/	/	/

Conducted Emission						
1	Test receiver	Rohde&Schwarz	ESCI	100718	2023/5/3	2024/5/2
2	LISN	Rohde&Schwarz	ENV216	100075	2023/5/3	2024/5/2
3	Pulse limiter	Rohde&Schwarz	ESH3-Z2	102299	2023/5/3	2024/5/2
4	RF cable (9kHz-30MHz)	Unknown	Unknown	Unknown	2023/5/3	2024/5/2
5	Test software	Farad Technology Co., Ltd	EZ-EMC	/	/	/
RF Conducted Emission						
1	Test receiver	Rohde&Schwarz	ESCI	100718	2023/5/3	2024/5/2

2.3 Special Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N
Wireless charger load	EESON	SLY-YZB-A01	/
Adapter	Huawei	HW-100225C00	KC6704L4107046

2.4 Test Condition

Applicable to	Environmental conditions	Input Power	Tested by
AC Power Conducted Emission	24.2°C, 53 % RH	120Vac, 60Hz	Anson Fan
Radiated Emission	24.1°C, 50 % RH	120Vac, 60Hz	Albert Fan
20dB Bandwidth	24.2°C, 53 % RH	120Vac, 60Hz	Anson Fan

2.5 Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

2.6 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT.

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

Uncertainty	
Parameter	Uncertainty
Occupied Channel Bandwidth	$\pm 143.88\text{kHz}$
Power Spectral Density	$\pm 0.743\text{dB}$
Conducted Spurious Emission	$\pm 1.328\text{dB}$
RF power conducted	$\pm 0.384\text{dB}$
Conducted emission(9kHz~30MHz) AC main	$\pm 2.72\text{dB}$
Radiated emission(9kHz~30MHz)	$\pm 2.66\text{dB}$
Radiated emission (30MHz~1GHz)	$\pm 4.62\text{dB}$
Radiated emission (1GHz~18GHz)	$\pm 4.86\text{dB}$
Radiated emission (18GHz~40GHz)	$\pm 3.80\text{dB}$

2.7 Test Location

Company:	Shenzhen Haiyun Standard Technical CO., Ltd.
Address:	No. 110-113, 115, 116, Block B, Jinyuan Business Building, Bao'an District, Shenzhen, China
CNAS Registration Number:	CNAS L18252
CAB identifier	CN0145
A2LA Certificate Number	6823.01
Telephone:	0755-26024411

3. Test Procedure And Results

3.1 AC Power Line Conducted Emission

3.1.1 Limit

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 ~ 0.50	79	66	66 - 56	56 - 46
0.50 ~ 5.00	73	60	56	46
5.00 ~ 30.0	73	60	60	50

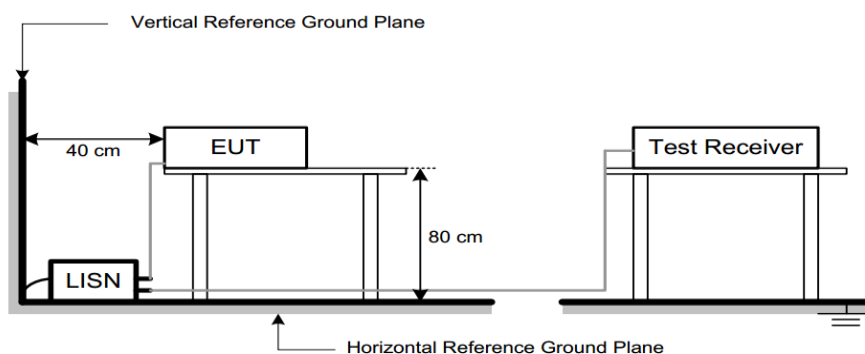
Note:

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 0.50 MHz.
3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

3.1.2 Test Procedure

- a) The EUT was placed 0.8 m from the horizontal ground plane and 0.4 m from the vertical ground plane with EUT being connected to the power mains through a line impedance stabilization network (AMN). All other support equipment powered from additional AMN. The AMN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b) Interconnecting cables that hang closer than 0.4 m to the ground plane shall be folded back and forth in the center forming a bundle 0.3 m to 0.4 m long.
- c) The frequency range from 150 kHz to 30 MHz was searched.
- d) Actual test configuration, please refer to the related Item – EUT Test Photos.
- e) The thickness of the insulation shall not be more than 150 mm.

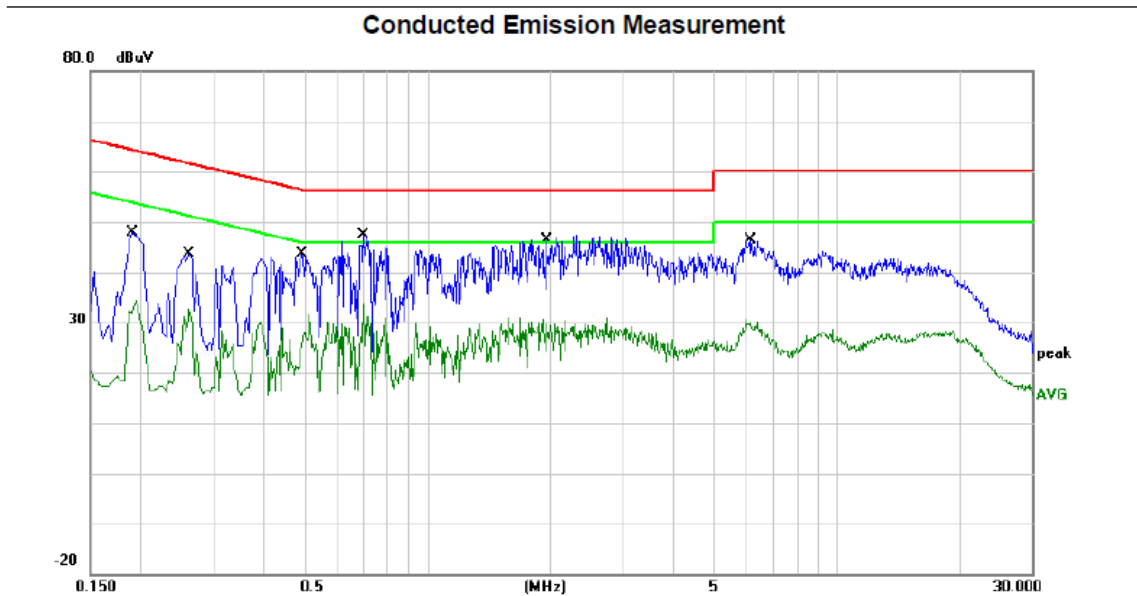
3.1.3 Test Setup



3.1.4 Test Result of AC Power Line Conducted Emission

For EUT1

Test Frequency range:	150kHz~30MHz
Test mode:	A
Test voltage:	AC 120V/60Hz
Phase	Line

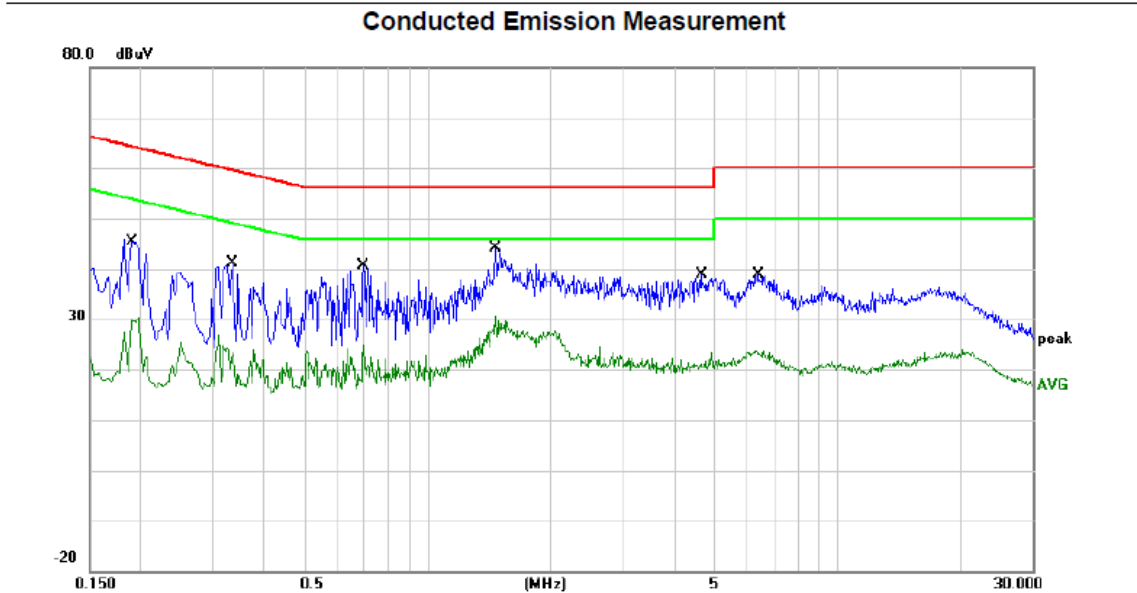


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1900	25.32	19.88	45.20	64.04	-18.84	QP	
2		0.1900	11.82	19.88	31.70	54.04	-22.34	AVG	
3		0.2620	18.13	19.88	38.01	61.37	-23.36	QP	
4		0.2620	6.39	19.88	26.27	51.37	-25.10	AVG	
5		0.4940	18.66	19.88	38.54	56.10	-17.56	QP	
6		0.4940	2.69	19.88	22.57	46.10	-23.53	AVG	
7	*	0.6980	23.25	19.88	43.13	56.00	-12.87	QP	
8		0.6980	8.84	19.88	28.72	46.00	-17.28	AVG	
9		1.9540	18.96	19.91	38.87	56.00	-17.13	QP	
10		1.9540	6.63	19.91	26.54	46.00	-19.46	AVG	
11		6.1460	18.95	19.93	38.88	60.00	-21.12	QP	
12		6.1460	8.01	19.93	27.94	50.00	-22.06	AVG	

Note:

1. Correct Factor = LISN Factor + Cable Loss + Pulse Limiter Factor, the value was added to Original Receiver Reading by the software automatically.
2. Measurement = Reading Level + Correct Factor.
3. Over = Measurement - Limit

Test Frequency range:	150kHz~30MHz
Test mode:	A
Test voltage:	AC 120V/60Hz
Phase	Neutral



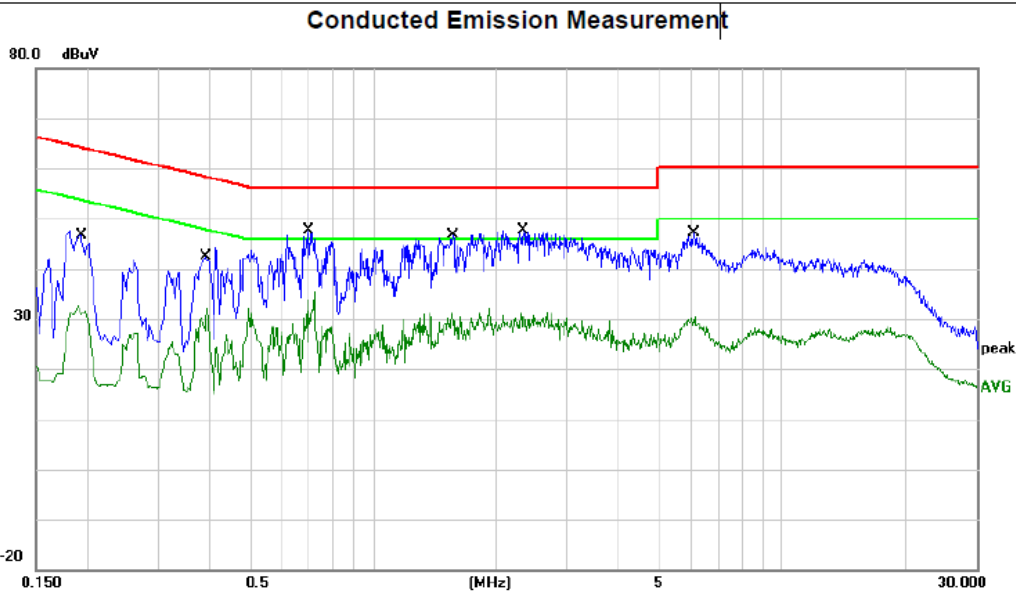
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1900	22.64	19.88	42.52	64.04	-21.52	QP	
2		0.1900	8.33	19.88	28.21	54.04	-25.83	AVG	
3		0.3340	14.21	19.88	34.09	59.35	-25.26	QP	
4		0.3340	1.35	19.88	21.23	49.35	-28.12	AVG	
5		0.6980	16.41	19.88	36.29	56.00	-19.71	QP	
6		0.6980	1.21	19.88	21.09	46.00	-24.91	AVG	
7		1.4700	17.01	19.90	36.91	56.00	-19.09	QP	
8	*	1.4700	8.69	19.90	28.59	46.00	-17.41	AVG	
9		4.6500	10.66	19.91	30.57	56.00	-25.43	QP	
10		4.6500	-0.46	19.91	19.45	46.00	-26.55	AVG	
11		6.4020	11.58	19.93	31.51	60.00	-28.49	QP	
12		6.4020	2.03	19.93	21.96	50.00	-28.04	AVG	

Note:

1. Correct Factor = LISN Factor + Cable Loss + Pulse Limiter Factor, the value was added to Original Receiver Reading by the software automatically.
2. Measurement = Reading Level + Correct Factor.
3. Over = Measurement - Limit

For EUT2

Test Frequency range:	150kHz~30MHz
Test mode:	A
Test voltage:	AC 120V/60Hz
Phase	Line

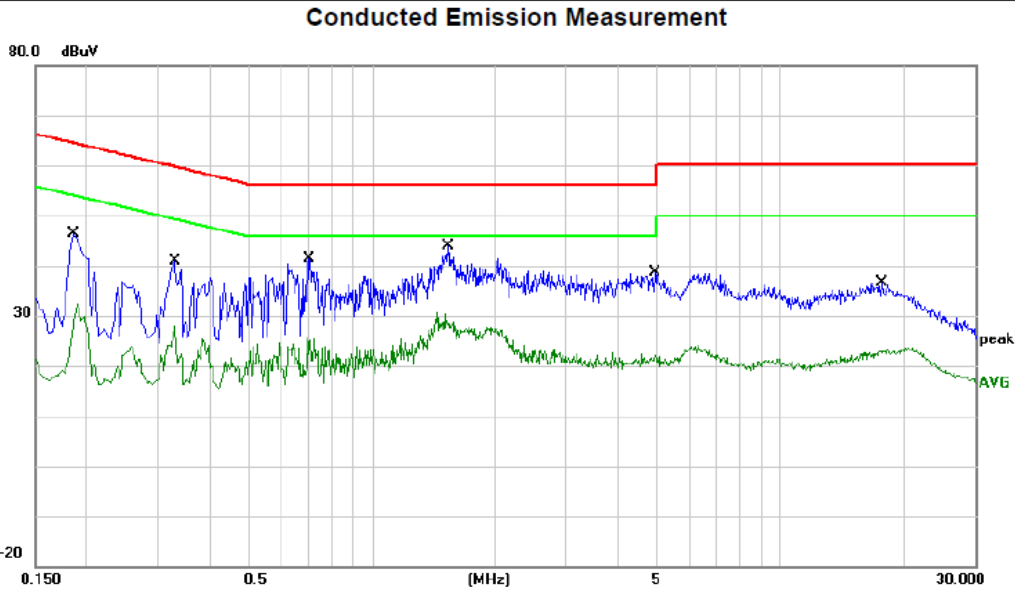


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1940	23.51	19.88	43.39	63.86	-20.47	QP	
2		0.1940	11.57	19.88	31.45	53.86	-22.41	AVG	
3		0.3900	18.77	19.88	38.65	58.06	-19.41	QP	
4		0.3900	7.47	19.88	27.35	48.06	-20.71	AVG	
5	*	0.6980	23.27	19.88	43.15	56.00	-12.85	QP	
6		0.6980	8.67	19.88	28.55	46.00	-17.45	AVG	
7		1.5700	20.76	19.90	40.66	56.00	-15.34	QP	
8		1.5700	7.60	19.90	27.50	46.00	-18.50	AVG	
9		2.3340	21.55	19.91	41.46	56.00	-14.54	QP	
10		2.3340	7.20	19.91	27.11	46.00	-18.89	AVG	
11		6.0900	18.93	19.93	38.86	60.00	-21.14	QP	
12		6.0900	7.81	19.93	27.74	50.00	-22.26	AVG	

Note:

1. Correct Factor = LISN Factor + Cable Loss + Pulse Limiter Factor, the value was added to Original Receiver Reading by the software automatically.
2. Measurement = Reading Level + Correct Factor.
3. Over = Measurement - Limit

Test Frequency range:	150kHz~30MHz
Test mode:	A
Test voltage:	AC 120V/60Hz
Phase	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1860	21.85	19.88	41.73	64.21	-22.48	QP	
2		0.1860	6.65	19.88	26.53	54.21	-27.68	AVG	
3		0.3300	14.78	19.88	34.66	59.45	-24.79	QP	
4		0.3300	2.35	19.88	22.23	49.45	-27.22	AVG	
5		0.7020	16.41	19.88	36.29	56.00	-19.71	QP	
6		0.7020	1.50	19.88	21.38	46.00	-24.62	AVG	
7		1.5420	16.35	19.90	36.25	56.00	-19.75	QP	
8 *		1.5420	7.47	19.90	27.37	46.00	-18.63	AVG	
9		4.9340	10.43	19.92	30.35	56.00	-25.65	QP	
10		4.9340	-0.38	19.92	19.54	46.00	-26.46	AVG	
11		17.6740	9.57	20.04	29.61	60.00	-30.39	QP	
12		17.6740	1.68	20.04	21.72	50.00	-28.28	AVG	

Note:

1. Correct Factor = LISN Factor + Cable Loss + Pulse Limiter Factor, the value was added to Original Receiver Reading by the software automatically.
2. Measurement = Reading Level + Correct Factor.
3. Over = Measurement - Limit

3.2 Radiated Emissions

3.2.1 Limit

Emissions radiated outside of the specified bands, shall be according to the general radiated limits as following:

Frequencies (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 lower limit shall apply at the transition frequencies.
 - (2) Emission level (dBuV/m) = 20 log Emission level (uV/m).
 - (3) As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.
 - (4) The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

3.2.2 Test Procedure

Below 30MHz

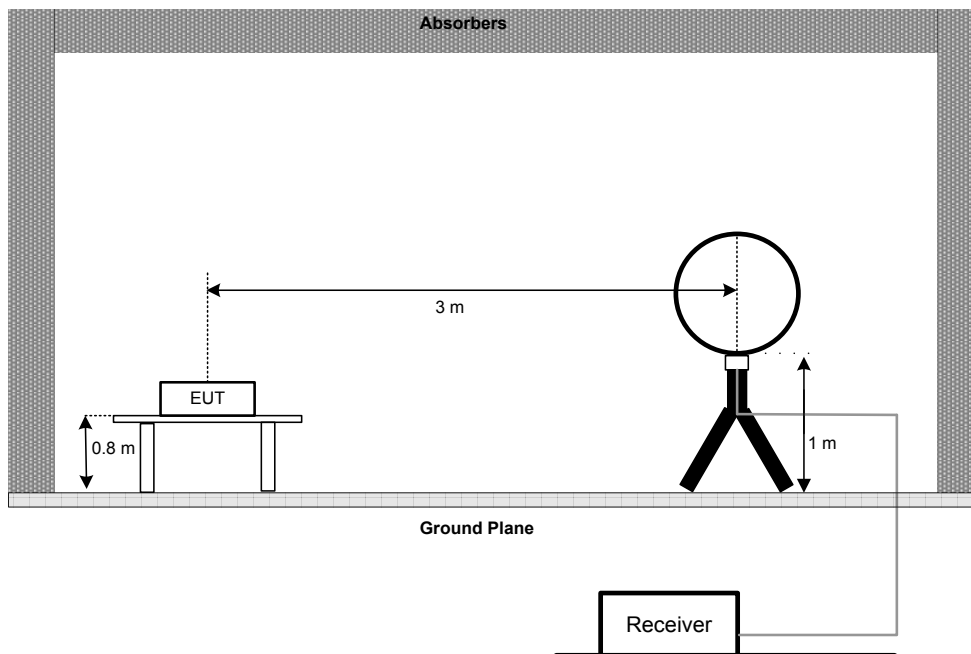
- a) The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter Semi-anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c) The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e) The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

30MHz~1GHz

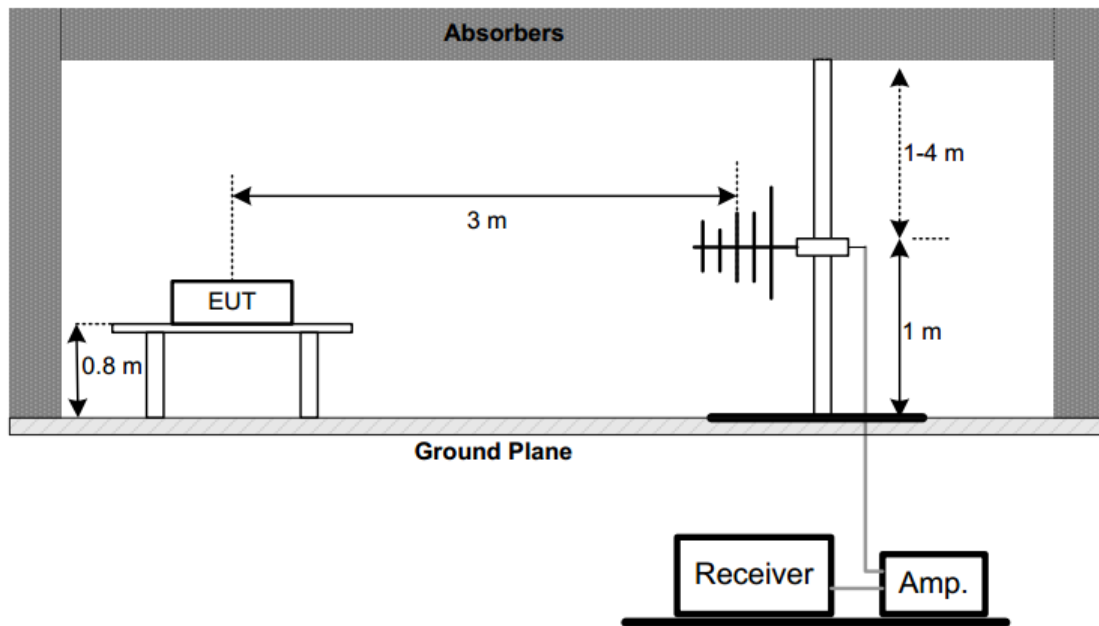
- a) The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meters semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c) The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e) The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

3.2.3 Test Setup

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



(B) Radiated Emission Test Set-Up Frequency Below 1 GHz



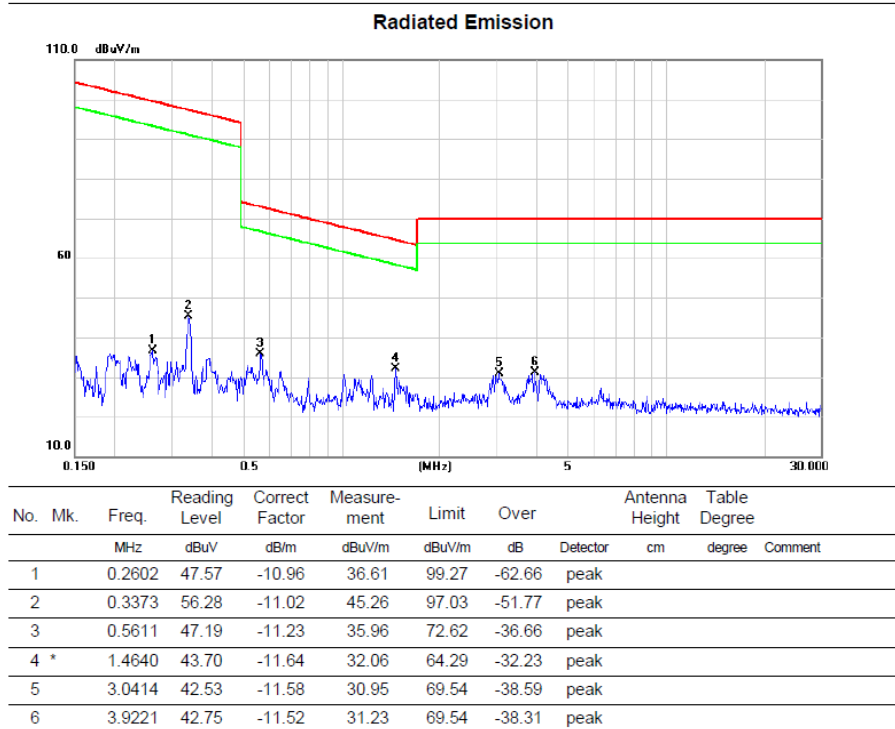
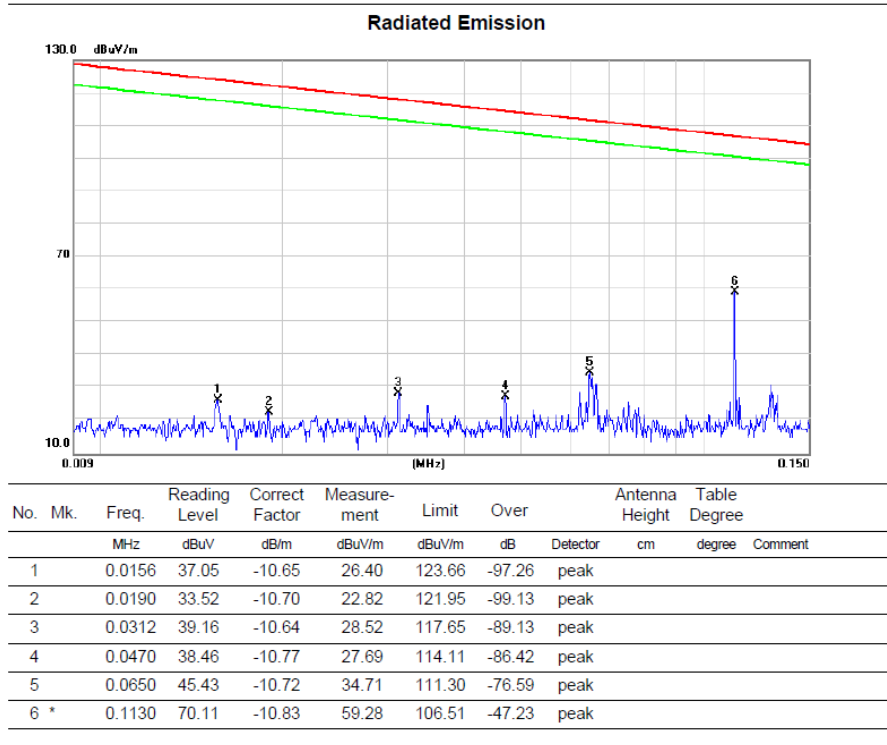
3.2.4 Test Result of Radiated Emission

The worst measurement data as follows:

For EUT1

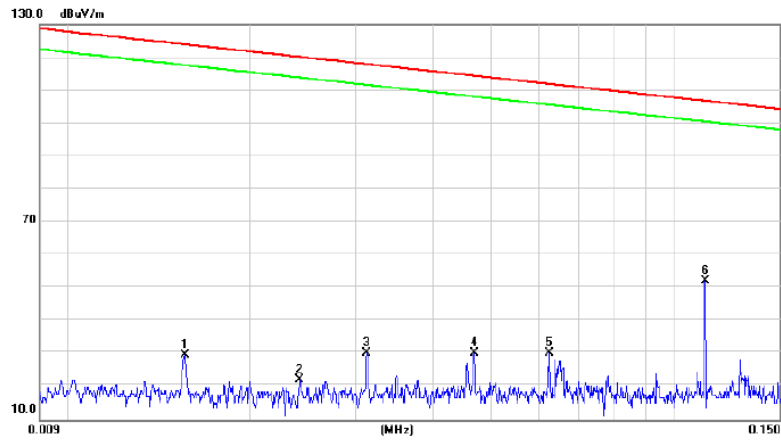
Below 30MHz	Test mode: A
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Parallel



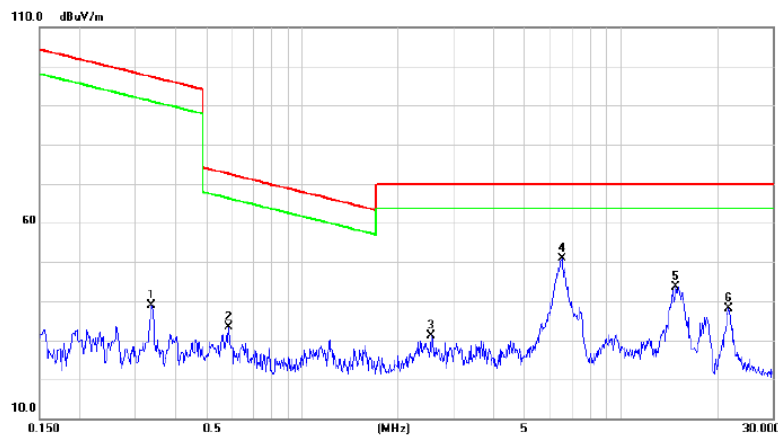
Perpendicular

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		0.0156	40.17	-10.65	29.52	123.57	-94.05			peak
2		0.0241	32.73	-10.69	22.04	119.82	-97.78			peak
3		0.0312	40.75	-10.64	30.11	117.59	-87.48			peak
4		0.0470	41.17	-10.77	30.40	114.05	-83.65			peak
5		0.0623	40.96	-10.72	30.24	111.61	-81.37			peak
6	*	0.1128	62.97	-10.83	52.14	106.49	-54.35			peak

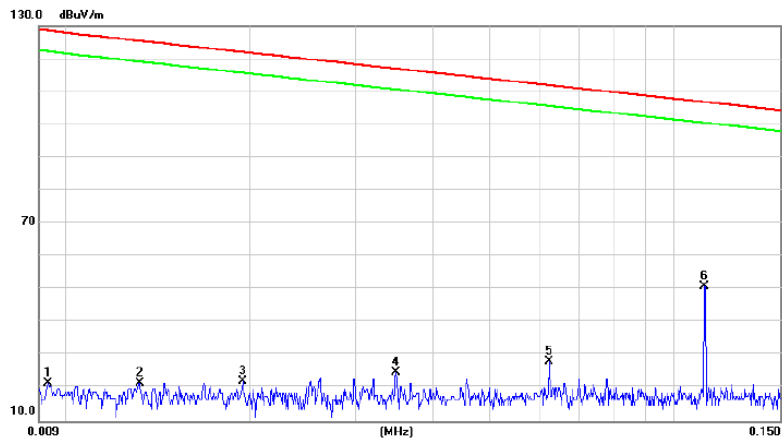
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		0.3373	49.81	-11.02	38.79	97.03	-58.24			peak
2		0.5885	44.69	-11.26	33.43	72.21	-38.78			peak
3		2.5400	42.82	-11.57	31.25	69.54	-38.29			peak
4	*	6.5226	62.67	-11.78	50.89	69.54	-18.65			peak
5		14.8280	55.31	-11.63	43.68	69.54	-25.86			peak
6		21.7150	49.48	-11.35	38.13	69.54	-31.41			peak

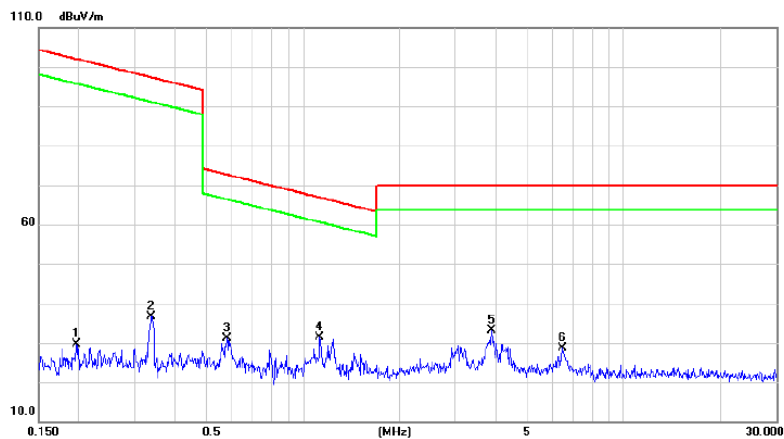
Ground- parallel

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		0.0093	32.16	-10.66	21.50	128.04	-109.54			peak
2		0.0132	32.17	-10.59	21.58	125.02	-103.44			peak
3		0.0195	32.72	-10.71	22.01	121.65	-99.64			peak
4		0.0350	35.58	-10.67	24.91	116.59	-91.68			peak
5		0.0624	38.88	-10.72	28.16	111.60	-83.44			peak
6 *		0.1126	61.88	-10.82	51.06	106.50	-55.44			peak

Radiated Emission

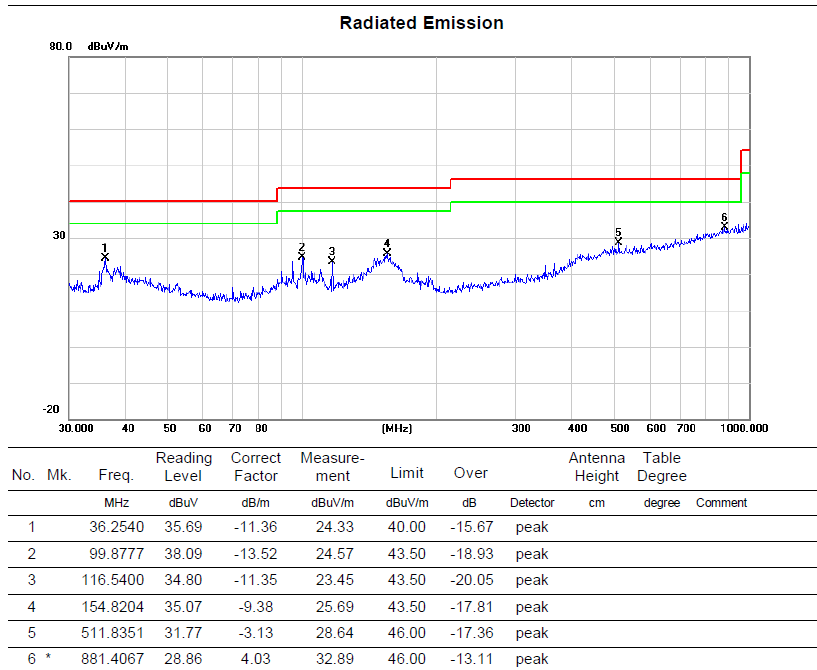


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		0.1965	40.42	-10.91	29.51	101.69	-72.18			peak
2		0.3373	47.76	-11.02	36.74	97.03	-60.29			peak
3		0.5792	42.34	-11.25	31.09	72.35	-41.26			peak
4 *		1.1292	42.97	-11.70	31.27	66.55	-35.28			peak
5		3.8808	44.64	-11.53	33.11	69.54	-36.43			peak
6		6.4540	40.39	-11.77	28.62	69.54	-40.92			peak

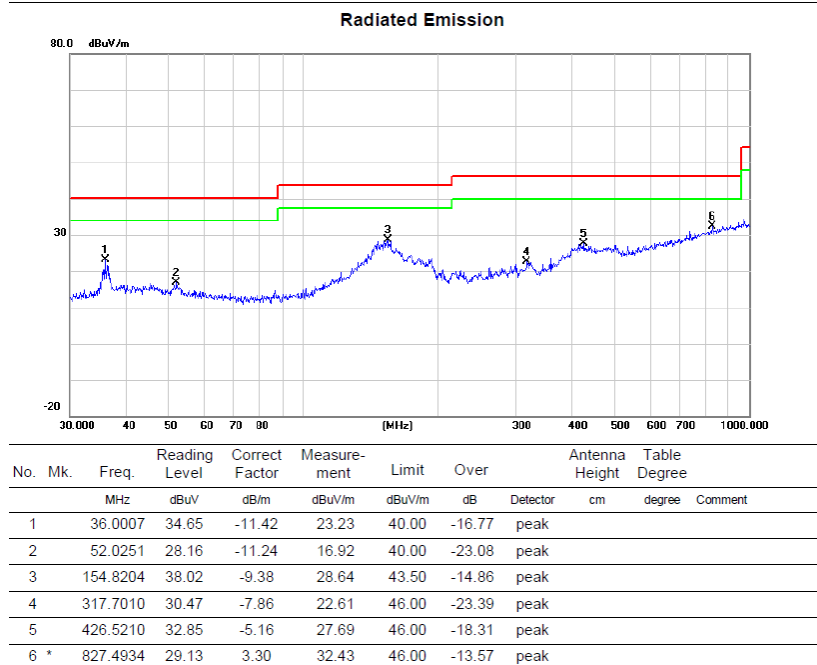
Note:

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Level = Reading + Correct Factor.
3. Margin = Level – Limit

Vertical



Horizontal



Note:

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Measurement = Reading Level + Correct Factor.
3. Over = Measurement - Limit

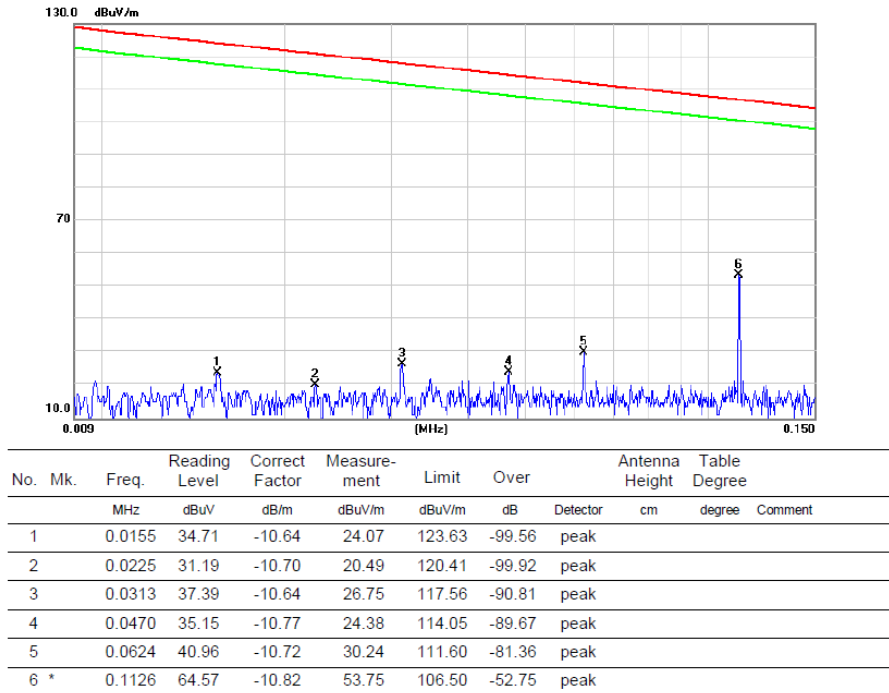
For EUT2

Below 30MHz

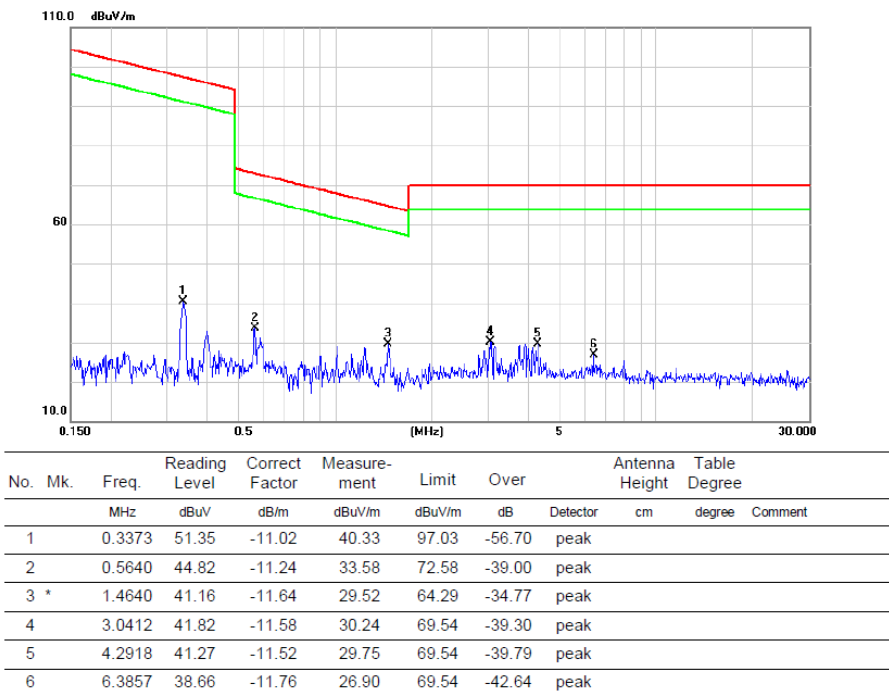
Test mode: A

Parallel

Radiated Emission

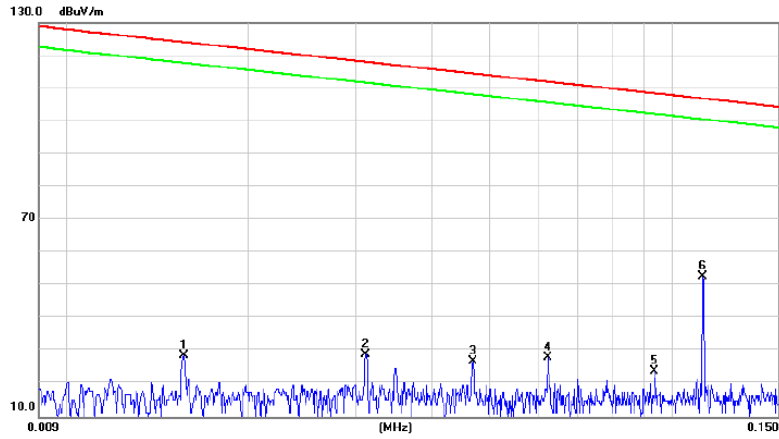


Radiated Emission



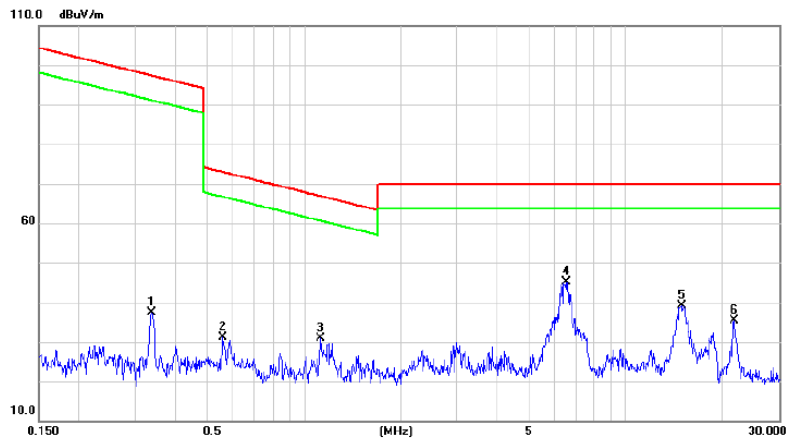
Perpendicular

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		0.0156	39.55	-10.65	28.90	123.66	-94.76			peak
2		0.0312	39.55	-10.64	28.91	117.65	-88.74			peak
3		0.0470	37.86	-10.77	27.09	114.11	-87.02			peak
4		0.0624	38.88	-10.72	28.16	111.65	-83.49			peak
5		0.0938	34.72	-10.75	23.97	108.12	-84.15			peak
6	*	0.1126	63.60	-10.82	52.78	106.54	-53.76			peak

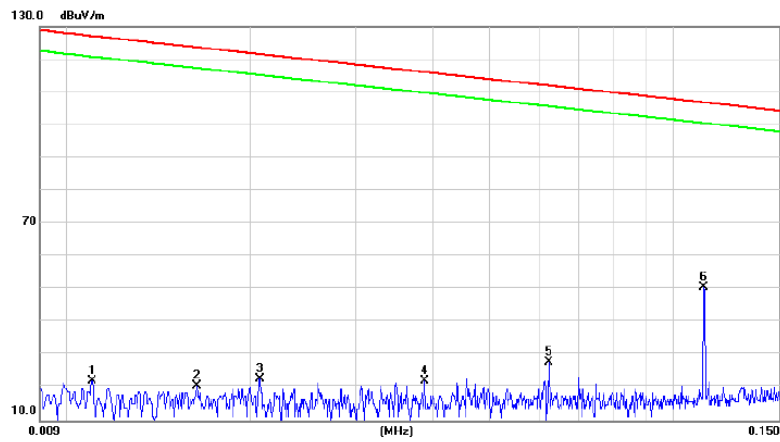
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		0.3373	48.40	-11.02	37.38	97.03	-59.65			peak
2		0.5611	42.36	-11.23	31.13	72.62	-41.49			peak
3		1.1291	42.63	-11.70	30.93	66.55	-35.62			peak
4	*	6.5572	56.98	-11.79	45.19	69.54	-24.35			peak
5		14.9068	50.65	-11.63	39.02	69.54	-30.52			peak
6		21.7150	46.64	-11.35	35.29	69.54	-34.25			peak

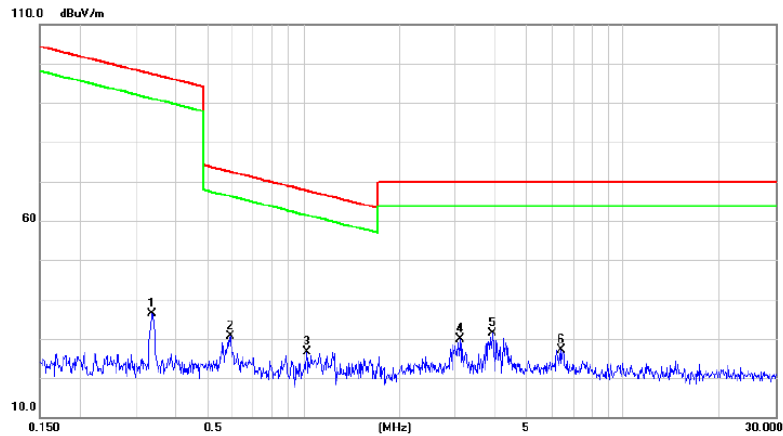
Ground- parallel

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		0.0110	32.78	-10.56	22.22	126.69	-104.47			peak
2		0.0163	31.19	-10.66	20.53	123.28	-102.75			peak
3		0.0208	33.52	-10.71	22.81	121.17	-98.36			peak
4		0.0390	32.73	-10.69	22.04	115.72	-93.68			peak
5		0.0624	38.46	-10.72	27.74	111.65	-83.91			peak
6 *		0.1126	61.49	-10.82	50.67	106.54	-55.87			peak

Radiated Emission

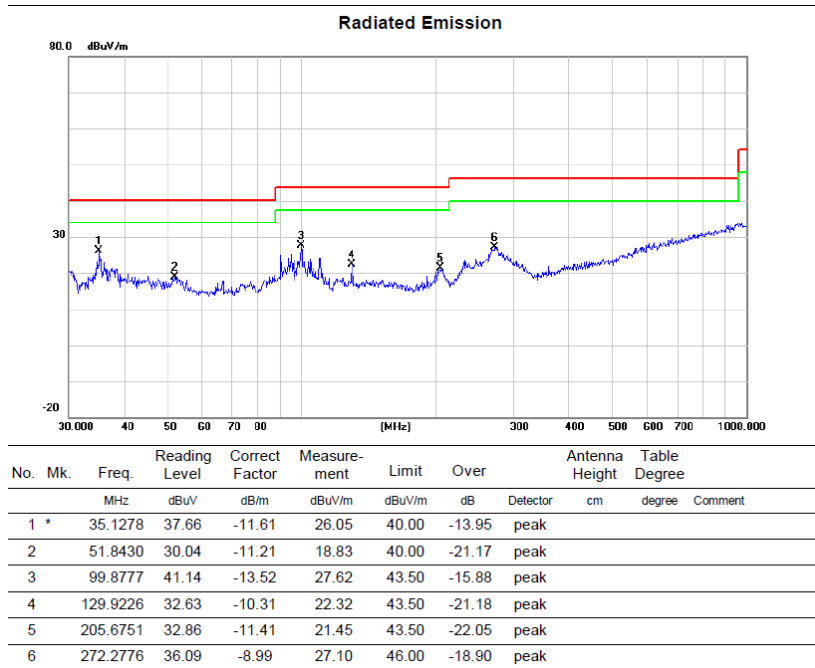


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		0.3373	47.43	-11.02	36.41	97.03	-60.62			peak
2		0.5916	41.88	-11.27	30.61	72.16	-41.55			peak
3		1.0265	38.40	-11.72	26.68	67.38	-40.70			peak
4		3.0901	41.38	-11.58	29.80	69.54	-39.74			peak
5 *		3.9014	42.84	-11.52	31.32	69.54	-38.22			peak
6		6.3860	38.93	-11.76	27.17	69.54	-42.37			peak

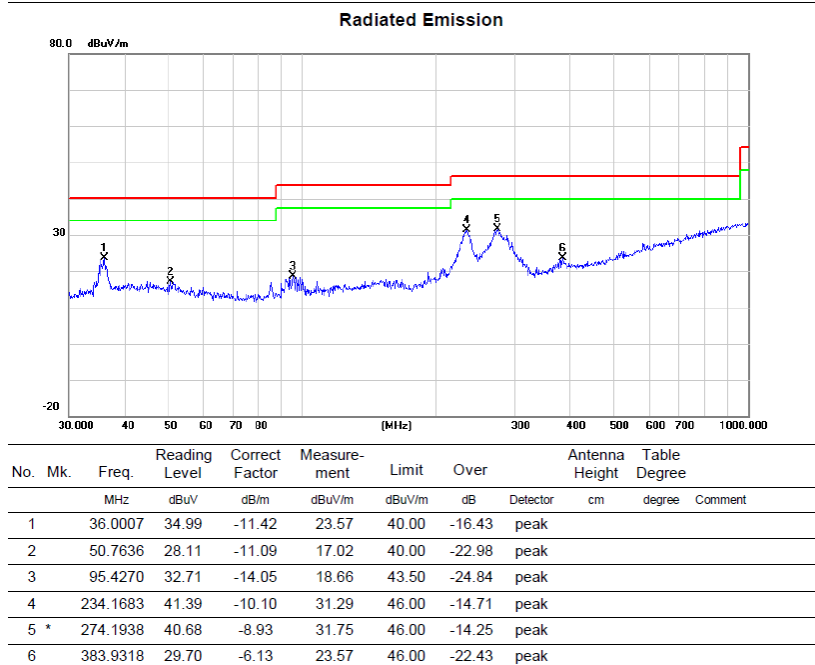
Note:

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Level = Reading + Correct Factor.
3. Margin = Level - Limit

Vertical



Horizontal



Note:

1. Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain, the value was added to Original Receiver Reading by the software automatically.
2. Measurement = Reading Level + Correct Factor.
3. Over = Measurement - Limit

3.3 20dB bandwidth measurement

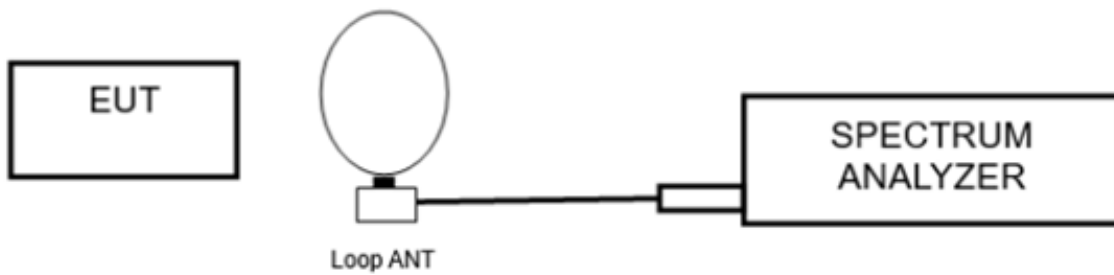
3.3.1 Test standard

FCC Part 15.215(c)

3.3.2 Test Procedure

Test Method	
<input checked="" type="radio"/> Conducted Measurement	<input type="radio"/> Radiated Measurement
Environmental Conditions	
<input checked="" type="radio"/> Normal	<input type="radio"/> Normal and Extreme
Note: ● : Test ○ : No Test	

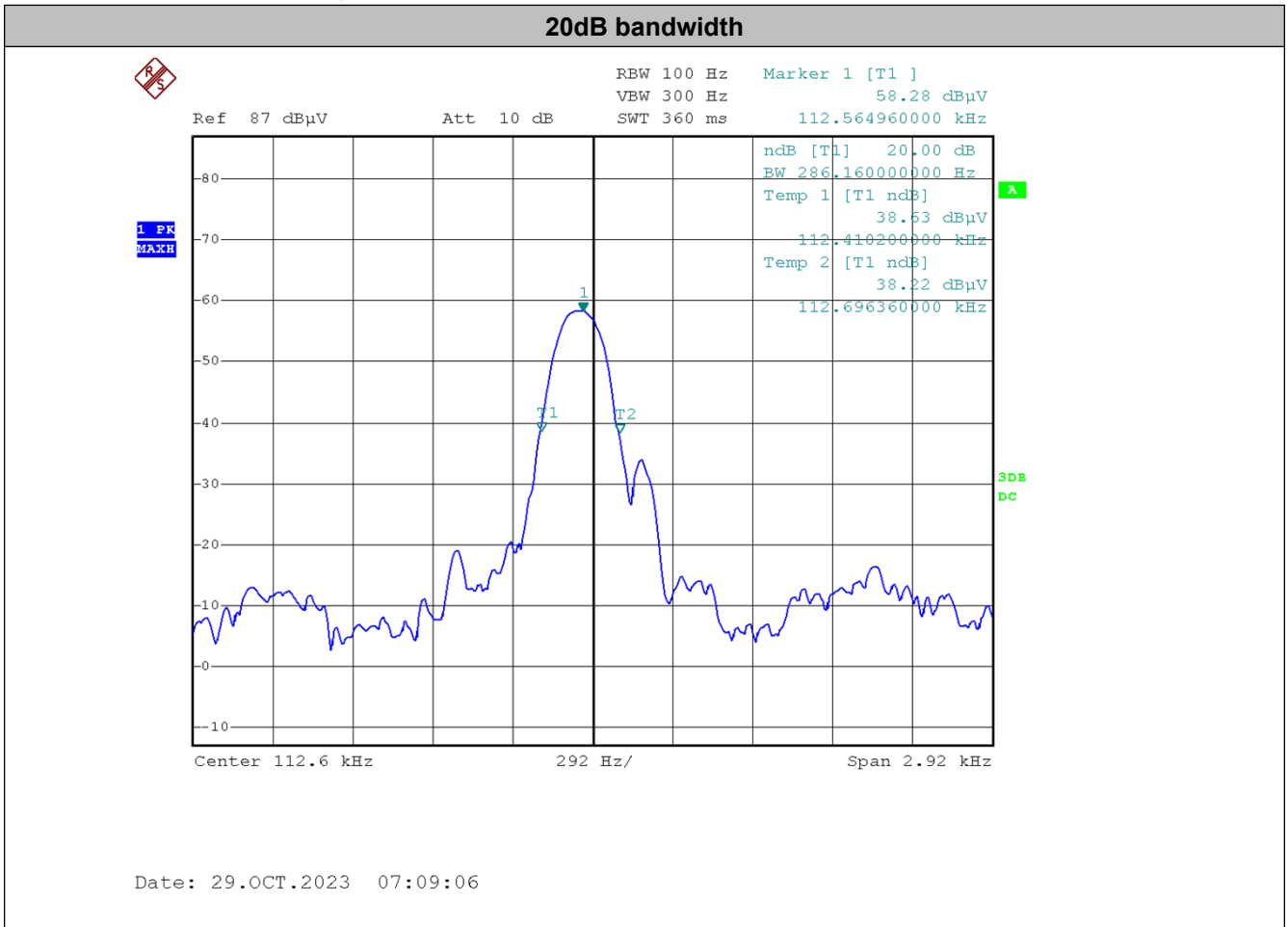
3.3.3 Test Setup



3.3.4 Test results

Test mode	20dB bandwidth (kHz)
A	0.286

For details refer to following test result.



4. Antenna Requirement

Test Specification

Test standard : Part 15.203

According to the manufacturer declared, the EUT has a Coil antenna, and the antenna is permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.