



FCC TEST REPORT

FCC ID: 2BPRN-2635-DW30597

On Behalf of

Dongguan Pusou Electronics CO.,Ltd.

Solar power bank

Model No.: 2635-DW30597

Prepared for : Dongguan Pusou Electronics CO.,Ltd.
Address : 3F, building 14, Gate 2, Baigang City, Jinghai West Road, Shatou
Community, ChangAn Town, DongGuan, China

Prepared By : Shenzhen PSI Testing Co., Ltd.
Address : 1-2/F., Building 5, Yudafu Industrial Park, No.10, Xingye West Road,
Shajing Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Report Number : psi2603234-C01-R04
Date of Receipt : March 31, 2026
Date of Test : March 31, 2026 – April 13, 2026
Date of Report : April 13, 2026
Version Number : V0

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TEST REPORT DECLARATION

Applicant : Dongguan Pusou Electronics CO.,Ltd.
Address : 3F, building 14, Gate 2, Baigang City, Jinghai West Road, Shatou Community,
ChangAn Town, DongGuan, China
Manufacturer : Dongguan Pusou Electronics CO.,Ltd.
Address : 3F, building 14, Gate 2, Baigang City, Jinghai West Road, Shatou Community,
ChangAn Town, DongGuan, China
EUT Description : Solar power bank
(A) Model No. : 2635-DW30597
(B) Trademark : N/A

Measurement Standard Used:

FCC CFR Title 47 Part 15 Subpart C

ANSI C63.10-2020

Test Result: PASS

The device described above is tested by Shenzhen PSI Testing Co., Ltd. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The test results are contained in this test report and Shenzhen PSI Testing Co., Ltd. is assumed full responsibility for the accuracy and completeness of test. Also, this report shows that the EUT is technically compliant with the FCC CFR Title 47 Part 15 Subpart C requirements.

This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Shenzhen PSI Testing Co., Ltd.

Tested by (name + signature).....: Jensen Wang
Test Engineer

Jensen Wang

Approved by (name + signature).....: Simple Guan
Project Manager

Simple Guan

Date of issue.....: April 13, 2026

Revision History

Revision	Issue Date	Revisions	Revised By
V0	April 13, 2026	Initial released Issue	Jensen Wang

1. Test Result Summary

Requirement	CFR 47 Section	Result
Antenna requirement	§15.203	PASS
AC Power Line Conducted Emission	§15.207	PASS
Spurious Emission	§15.209	PASS
Occupied Bandwidth	§15.215 (c)	PASS

Note:

1. *PASS: Test item meets the requirement.*
2. *Fail: Test item does not meet the requirement.*
3. *N/A: Test case does not apply to the test object.*
4. *The test result judgment is decided by the limit of test standard.*
5. Decision rules for the conclusion of this test report: decision by actual test data without considering measurement uncertainty.

2. General Information

2.1. Description of Device (EUT)

EUT Name : Solar power bank
Model No. : 2635-DW30597
DIFF. : N/A
Power supply : Micro USB input: DC 5V 2A(MAX);
Type C input: DC 5V 2A(MAX);
USB output: DC 5V 2A(MAX)
Wireless output: 5W
Battery Capacity:3.7V,5000mAh(18.5Wh)

Radio Technology : Wireless power transmission systems

Operation frequency : WPT(Phone): 115-205KHz

Modulation : ASK

Antenna Type : Coil Antenna

Connector cable loss : 0.5dB

Software version : V1.0

Hardware version : V1.0

Note : Antenna information is provided by applicant.
Testing lab is not responsible for the accuracy of the information.

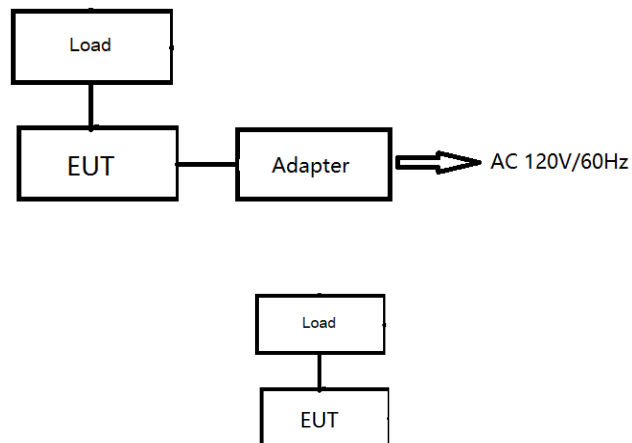
2.2. Accessories of Device (EUT)

Accessories	:	N/A
Manufacturer	:	N/A
Model	:	N/A
specifications	:	N/A

2.3. Tested Supporting System Details

No.	Description	Manufacturer	Model	Serial Number	Certification
1	Adapter	Baseus	CCXFK65CC	N/A	N/A
2	Load	Yuebuzhe	YBZ2.1	N/A	N/A
3	N/A	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A	N/A

2.4. Block Diagram of connection between EUT and simulators



2.5. Description of Test Modes

Number	Modes
1	Wireless Output(Phone): 5W
2	Charging + Wireless Output(Phone): 5W
3	No load

Note: 1. All test modes has been tested, this report only reflected the worst mode.

2.6. Test Conditions

Items	Required
Temperature range:	15-35℃
Humidity range:	25-75%
Pressure range:	86-106kPa

2.7. Test Facility

Shenzhen PSI Testing Co., Ltd.

1-2/F., Building 5, Yudafu Industrial Park, No.10, Xingye West Road, Shajing Subdistrict, Bao'an District, Shenzhen, Guangdong, China

September 13, 2023 File on Federal Communication Commission

Registration Number: 916281

2.8. Measurement Uncertainty

(95% confidence levels, k=2)

Item	Uncertainty
Uncertainty for Power Line Conducted Emissions Test	2.13dB
Uncertainty for Radiation Emission test in 3m chamber (9KHz~30 MHz)	4.07 dB
Uncertainty for Radiation Emission test in 3m chamber (30MHz to 1GHz)	4.51 dB
Uncertainty for Radiation Emission test in 3m chamber (1GHz to 18GHz)	5.07 dB
Uncertainty for Radiation Emission test in 3m chamber (18GHz to 40GHz)	5.21 dB
Uncertainty for radio frequency	48.24KHz
Uncertainty for conducted RF Power	0.41dB
Occupied Bandwidth	968Hz

2.9. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Firmware Version	Last Cal.	Cal. Interval
1.	9*6*6 anechoic chamber	SKET	9*6*6	N/A	/	2025.12.18	3 Year
2.	Test Receiver	Rohde&Schwarz	ESCI 7	101032/003	4.42 SP3	2025.12.18	1 Year
3.	L.I.S.N.#1	Rohde&Schwarz	ENV216	102282	/	2025.12.18	1 Year
4.	L.I.S.N.#2	RFT	NNB111	13835240	/	2025.12.18	1 Year
5.	Loop Antenna	Schwarz beck	FMZB 1519B	00128	/	2025.01.02	2 Year
6.	Bilog Antenna	Schwarz beck	VULB 9168	01448	/	2025.01.02	2 Year
7.	Spectrum Analyzer	Rohde&Schwarz	FSV-40N	101648	3.70	2025.12.18	1 Year
8.	Horn Antenna	Schwarz beck	BBHA 9120 D	02706	/	2025.01.02	2 Year
9.	Amplifier	SKET	LAPA_01G1 8G-45dB	SK20220329 01	/	2025.12.18	1 Year
10.	Horn Antenna	Schwarz beck	BBHA 9170	00946	/	2024.12.31	2 Year
11.	Amplifier	SKET	LNPA_0118 G-45	SK20200108 01	/	2025.12.18	1 Year
12.	RF Power Probe	Rohde&Schwarz	NRP-Z11	1138.3004.02 -1111533-Fz	/	2025.12.18	1 Year
13.	RF Sensor Unit	Tachoy	TR1029-2	20220428P0 08	/	2025.12.18	1 Year
14.	Spectrum Analyzer	Agilent	N9020A	MY51281067	A.14.03	2025.12.18	1 Year
15.	Temp. & Humid Chamber	Auchno	9606	/	/	2025.12.18	1 Year
16.	Regulated DC Power Supply	Xinouhua	ADC120V10 A	20221125163 8		2025.12.18	1 Year

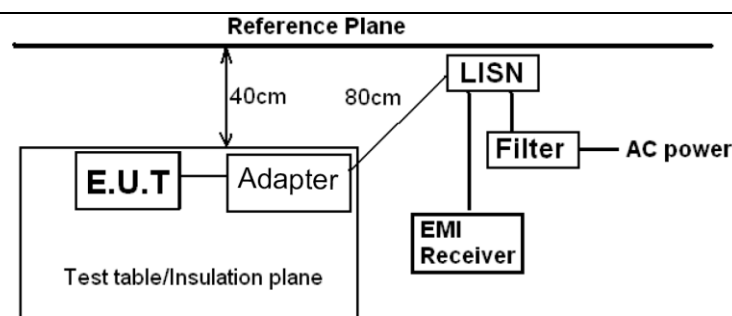
For Test Software Information

Item	Software Name	Manufacturer	Version
RE	EZ EMC	Farad	PSI-3A1
CE	EZ EMC	Farad	PSI-3A1
RF	RTS	TACHOY	V1.0.0

3. Test Results and Measurement Data

3.1. Conducted Emission

3.1.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.207														
Test Method:	ANSI C63.10:2020														
Frequency Range:	150 kHz to 30 MHz														
Receiver setup:	RBW=9 kHz, VBW=30 kHz, Sweep time=auto														
Limits:	<table><tr><th rowspan="2">Frequency range (MHz)</th><th colspan="2">Limit (dBuV)</th></tr><tr><th>Quasi-peak</th><th>Average</th></tr><tr><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr><tr><td>0.5-5</td><td>56</td><td>46</td></tr><tr><td>5-30</td><td>60</td><td>50</td></tr></table>	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
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													
Test Setup:	Reference Plane  Remark E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m														
Test Mode:	Transmitting Mode														
Test Procedure:	1. The E.U.T is connected to an adapter through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2020 on conducted measurement.														
Test Result:	PASS														

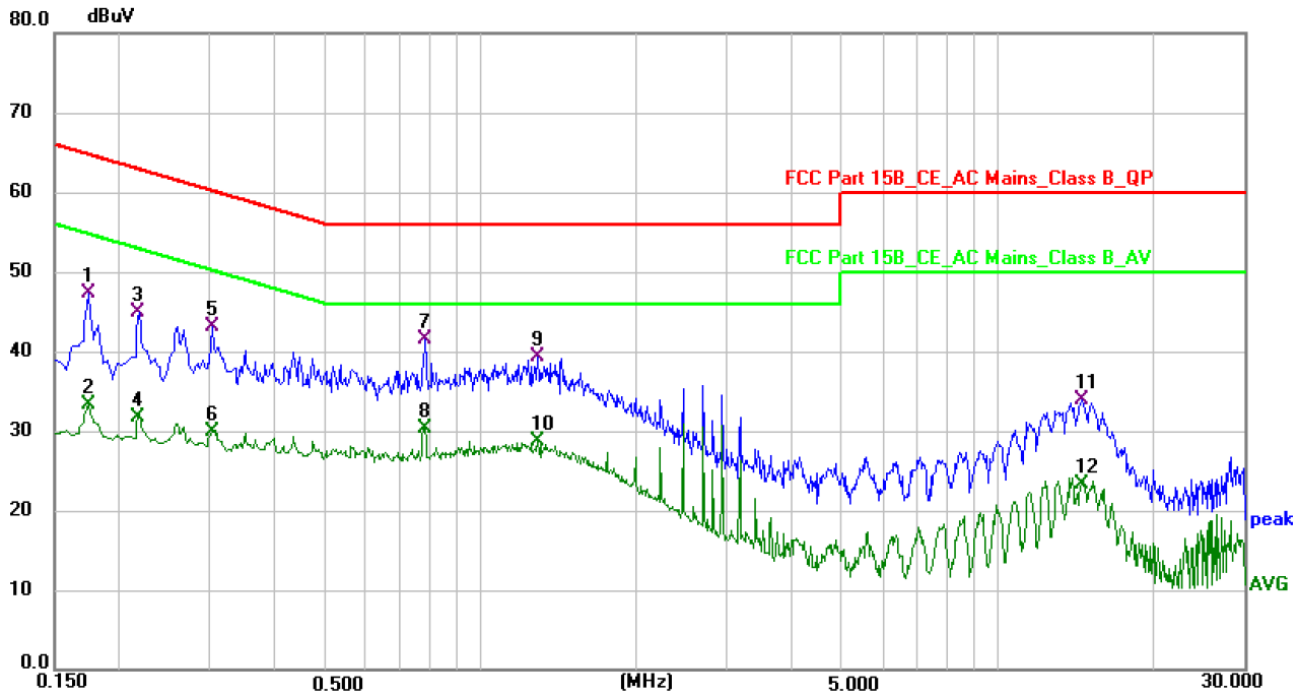
3.1.2. Test data

Please refer to following diagram for individual

Test Mode	: Mode 2
Test Results	: PASS
Note:	1. The test results are listed in next pages. 2. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector and quasi-peak detector need not be carried out. 3. If the limits for the measurement with the average detector are met when using a receiver with a quasi-peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.

Mode 1:

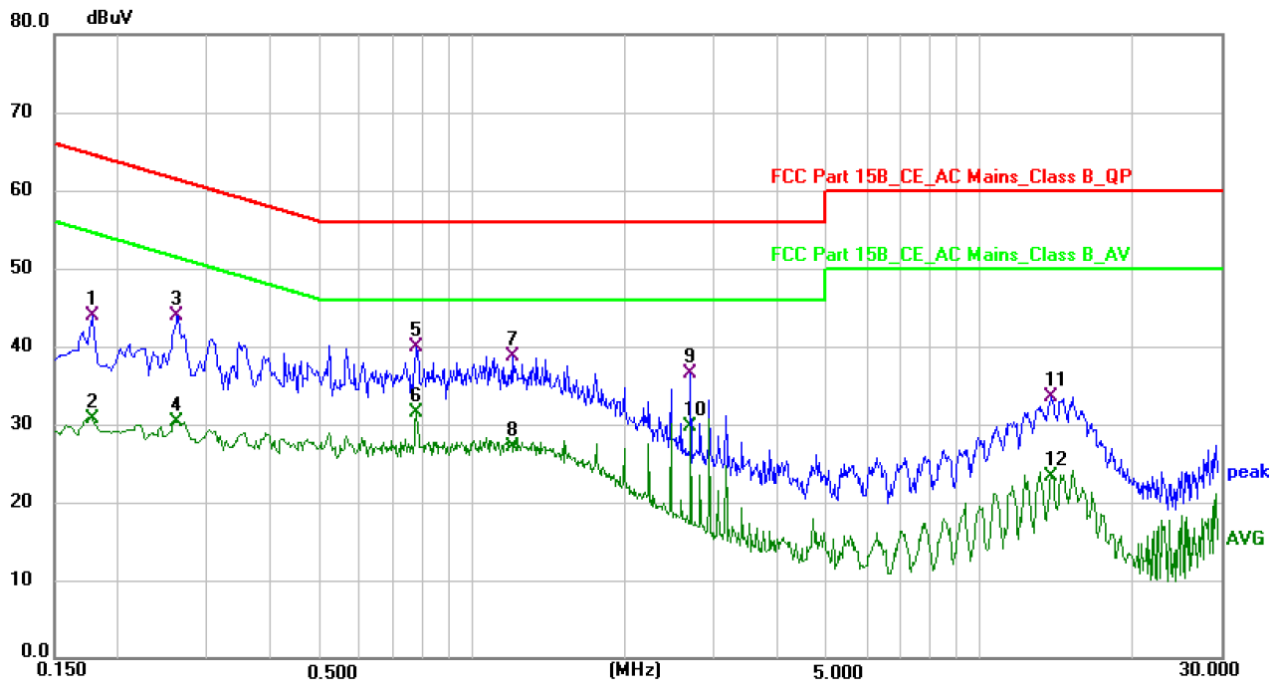
Temperature	26°C	Humidity	54%
Pol	Line		AC 120V/60Hz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1740	37.83	9.56	47.39	64.77	-17.38	QP
2	0.1740	23.84	9.56	33.40	54.77	-21.37	AVG
3	0.2180	35.57	9.40	44.97	62.89	-17.92	QP
4	0.2180	22.37	9.40	31.77	52.89	-21.12	AVG
5	0.3020	33.65	9.40	43.05	60.19	-17.14	QP
6	0.3020	20.43	9.40	29.83	50.19	-20.36	AVG
7 *	0.7820	31.98	9.51	41.49	56.00	-14.51	QP
8	0.7820	20.86	9.51	30.37	46.00	-15.63	AVG
9	1.2940	29.47	9.83	39.30	56.00	-16.70	QP
10	1.2940	18.85	9.83	28.68	46.00	-17.32	AVG
11	14.5220	24.08	9.78	33.86	60.00	-26.14	QP
12	14.5220	13.53	9.78	23.31	50.00	-26.69	AVG

Level = Reading + Factor Margin = Level - Limit

Pol	Neutral
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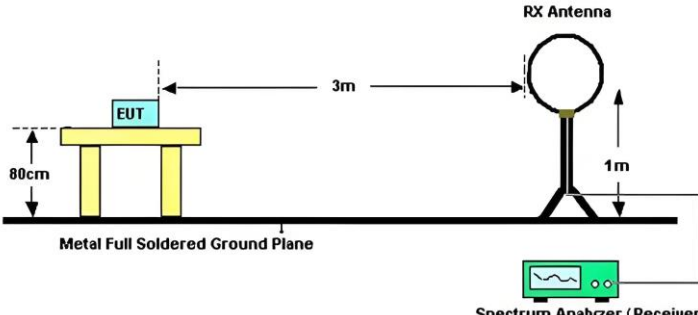


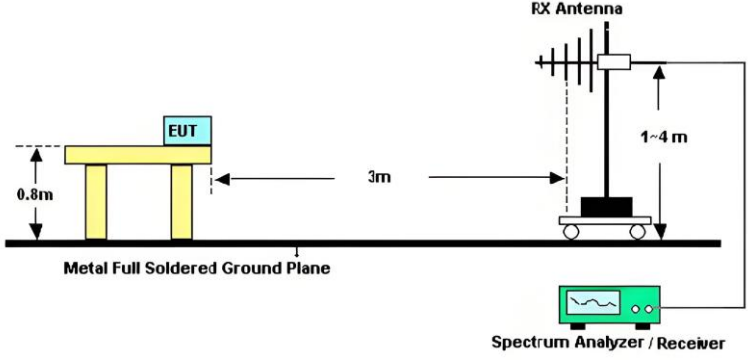
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1780	34.41	9.49	43.90	64.58	-20.68	QP
2	0.1780	21.31	9.49	30.80	54.58	-23.78	AVG
3	0.2620	34.58	9.40	43.98	61.37	-17.39	QP
4	0.2620	20.93	9.40	30.33	51.37	-21.04	AVG
5	0.7780	30.05	9.82	39.87	56.00	-16.13	QP
6 *	0.7780	21.65	9.82	31.47	46.00	-14.53	AVG
7	1.2020	29.17	9.56	38.73	56.00	-17.27	QP
8	1.2020	17.56	9.56	27.12	46.00	-18.88	AVG
9	2.6980	27.16	9.40	36.56	56.00	-19.44	QP
10	2.6980	20.38	9.40	29.78	46.00	-16.22	AVG
11	13.8700	23.96	9.48	33.44	60.00	-26.56	QP
12	13.8700	13.91	9.48	23.39	50.00	-26.61	AVG

Level = Reading + Factor Margin = Level - Limit

3.2. Radiated Spurious Emission Measurement

3.2.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.209																											
Test Method:	ANSI C63.10: 2020																											
Frequency Range:	9 kHz to 1 GHz																											
Measurement Distance:	3 m																											
Antenna Polarization:	Coaxial & Coplanar(9KHz-30MHz) Horizontal & Vertical(30MHz-1GHz)																											
Operation mode:	Refer to item 4.1																											
Receiver Setup:	<table><tr><td>Frequency</td><td>Detector</td><td>RBW</td><td>VBW</td><td>Remark</td></tr><tr><td>9kHz- 150kHz</td><td>Quasi-peak</td><td>200Hz</td><td>1kHz</td><td>Quasi-peak Value</td></tr><tr><td>150kHz-30MHz</td><td>Quasi-peak</td><td>9kHz</td><td>30kHz</td><td>Quasi-peak Value</td></tr><tr><td>30MHz-1GHz</td><td>Quasi-peak</td><td>100KHz</td><td>300KHz</td><td>Quasi-peak Value</td></tr></table>					Frequency	Detector	RBW	VBW	Remark	9kHz- 150kHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value	150kHz-30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value	30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value			
	Frequency	Detector	RBW	VBW	Remark																							
	9kHz- 150kHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value																							
	150kHz-30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value																							
	30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value																							
Note: 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.																												
Limit:	<table><tr><td>Frequency</td><td>Field Strength (microvolts/meter)</td><td>Measurement Distance (meters)</td></tr><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</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></table>				Frequency	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	30	30	30-88	100	3	88-216	150	3	216-960	200	3	Above 960	500	3
	Frequency	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	30	30																									
	30-88	100	3																									
	88-216	150	3																									
	216-960	200	3																									
	Above 960	500	3																									
Test setup:	For radiated emissions below 30MHz																											
																												
30MHz to 1GHz																												

	
Test Procedure:	- For the radiated emission test below 1GHz: The EUT was placed on a turntable with 0.8 meter above ground. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high PASS filter are used for the test in order to get better signal level. - Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level - For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported. - Use the following spectrum analyzer settings: - Span shall wide enough to fully capture the emission being measured; - Set RBW=100 kHz for $f < 1$ GHz; VBW $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold; For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent. VBW $\geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
Test mode:	Refer to section 4.1 for details
Test results:	PASS

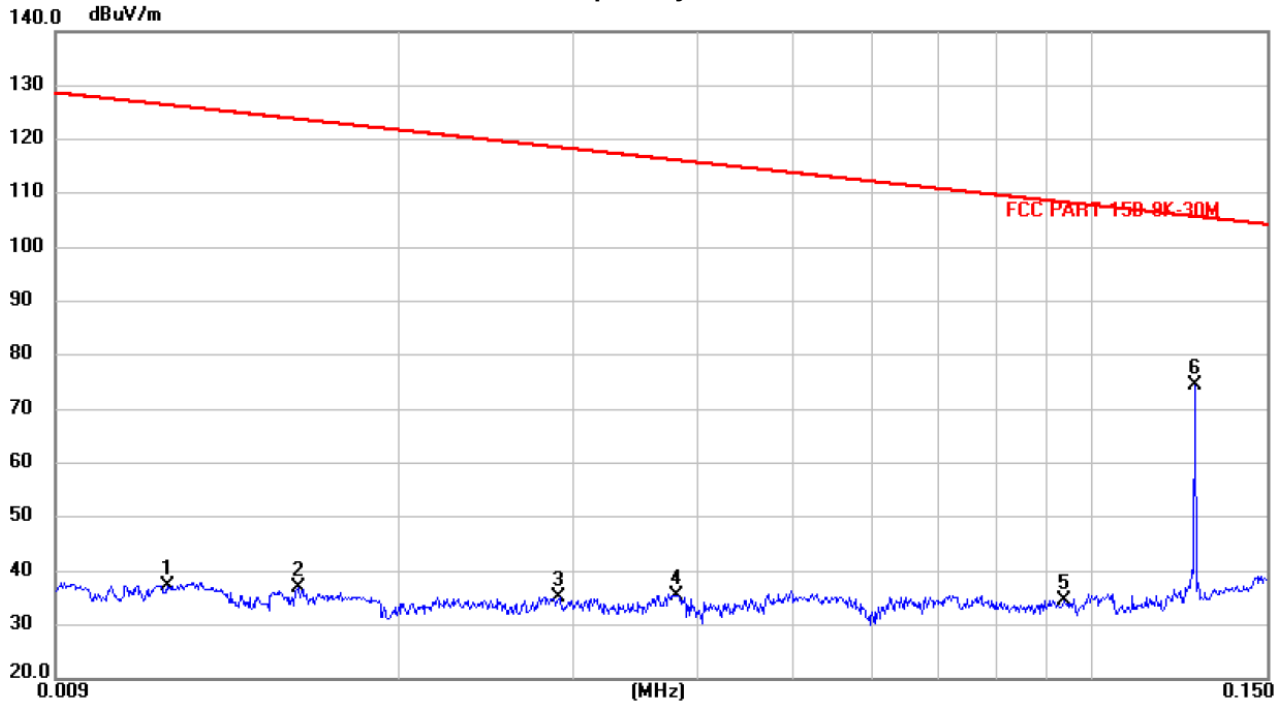
3.2.2. Test Data

Please refer to following diagram for individual

Frequency Range	: 9KHz~30MHz
Test Mode	: Mode 2
Test Results	: PASS
Note:	1. The test results are listed in next pages. 2. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the quasi-peak detector need not be carried out.

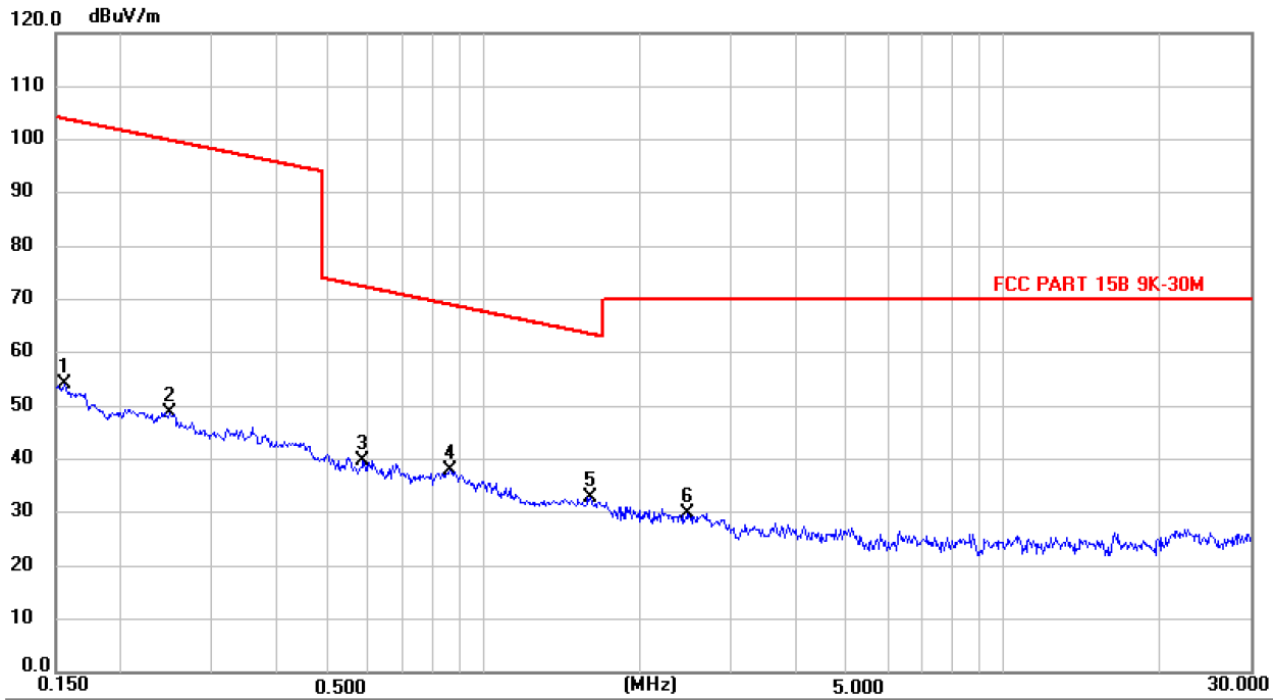
Mode 2:

Antenna polarity: Coaxial



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.0117	15.80	21.46	37.26	126.33	-89.07	peak
2	0.0158	15.55	21.35	36.90	123.73	-86.83	peak
3	0.0290	14.06	21.02	35.08	118.48	-83.40	peak
4	0.0381	15.03	20.55	35.58	116.11	-80.53	peak
5	0.0936	14.59	19.86	34.45	108.33	-73.88	peak
6 *	0.1270	54.60	19.87	74.47	105.69	-31.22	peak

Level = Reading + Factor Margin = Level – Limit



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.1560	33.83	20.19	54.02	103.91	-49.89	peak
2	0.2490	28.75	20.06	48.81	99.86	-51.05	peak
3	0.5856	19.96	19.75	39.71	72.43	-32.72	peak
4	0.8660	17.94	19.92	37.86	68.98	-31.12	peak
5 *	1.6067	12.79	20.15	32.94	63.52	-30.58	peak
6	2.4862	9.35	20.37	29.72	70.00	-40.28	peak

Level = Reading + Factor Margin = Level – Limit

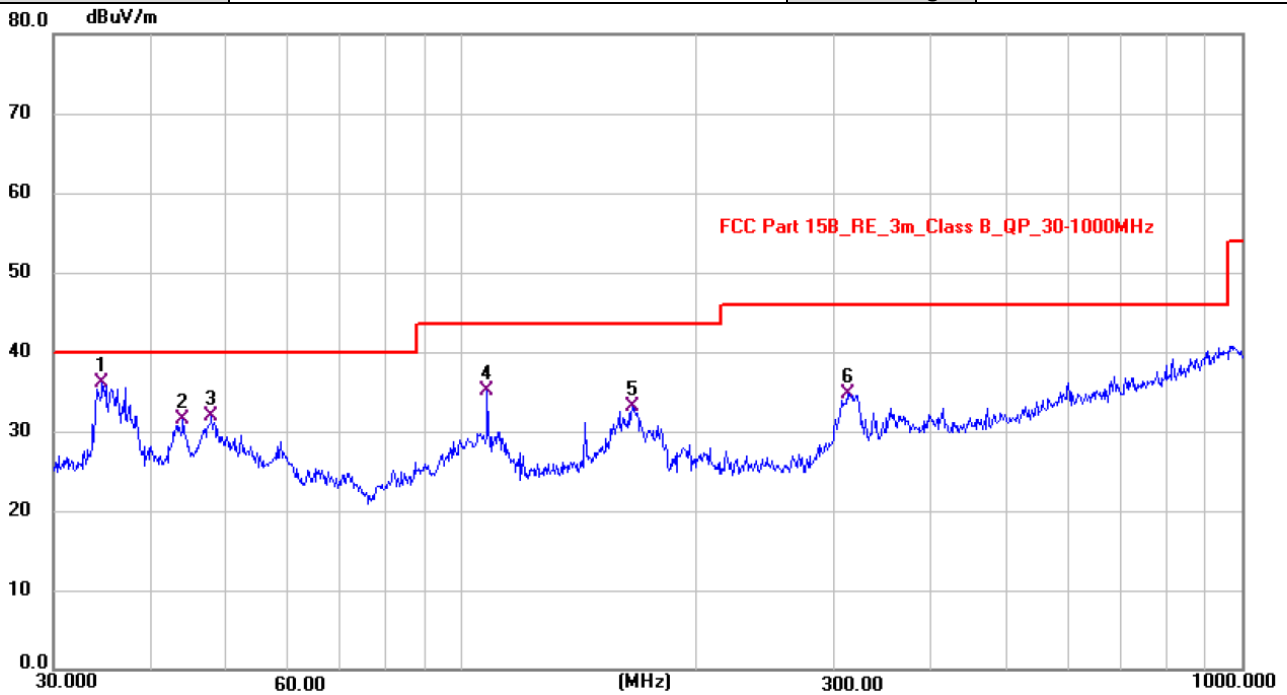
Note: All polarization has been tested and only the worst polarization direction data is displayed.

Frequency Range	: 30MHz~1000MHz
Test Mode	: Mode 2
Test Results	: PASS
Note:	1. The test results are listed in next pages. 2. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the quasi-peak detector need not be carried out.

Mode 2:

30MHz-1GHz

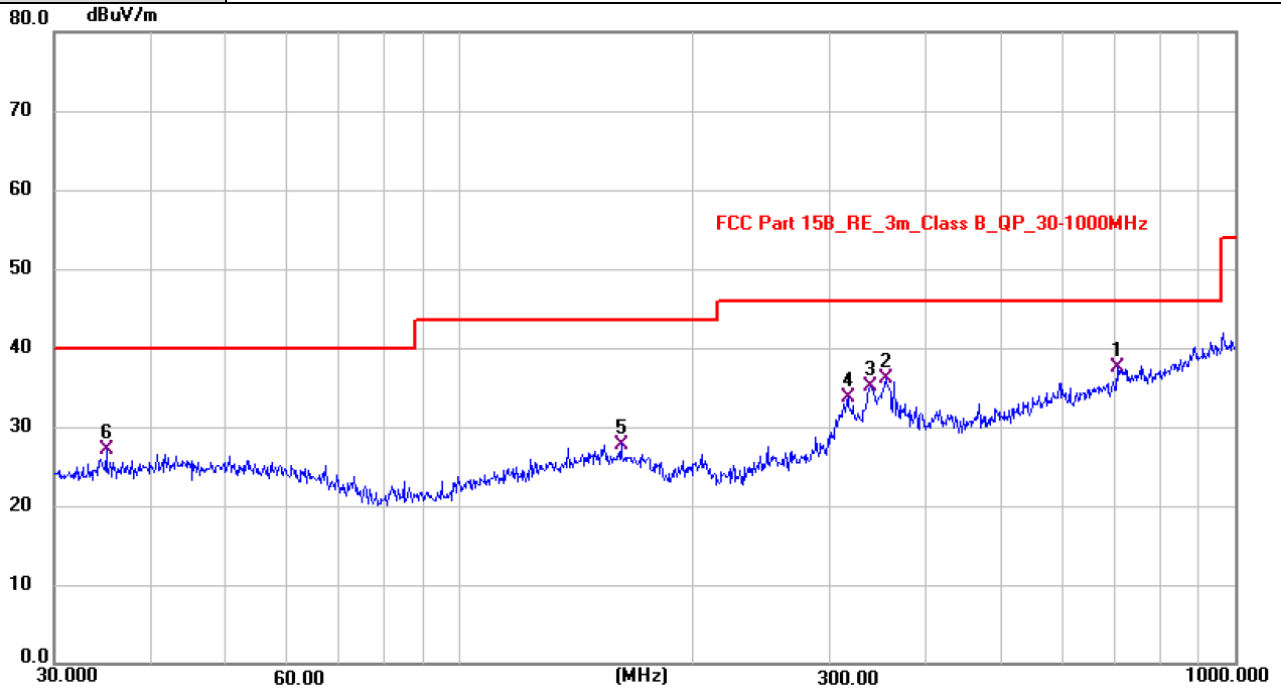
Temperature	26℃	Humidity	54%
Pol	Vertical	Test Voltage	AC 120V/60Hz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	34.6537	22.65	13.54	36.19	40.00	-3.81	QP
2	43.9658	17.52	13.98	31.50	40.00	-8.50	QP
3	47.8680	18.03	13.82	31.85	40.00	-8.15	QP
4	108.0297	23.38	11.80	35.18	43.50	-8.32	QP
5	165.9225	18.35	14.67	33.02	43.50	-10.48	QP
6	312.5902	19.22	15.49	34.71	46.00	-11.29	QP

$$\text{Level} = \text{Reading} + \text{Factor} \quad \text{Margin} = \text{Level} - \text{Limit}$$

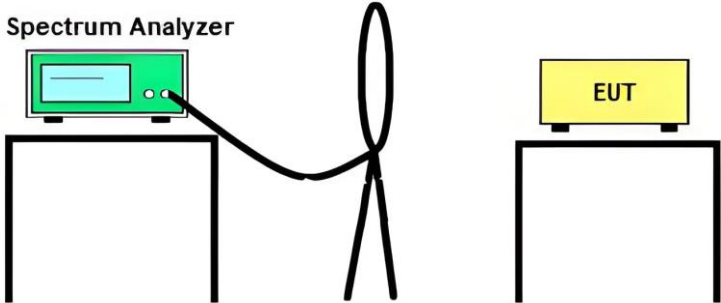
Pol	Horizontal
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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	705.1528	13.67	23.88	37.55	46.00	-8.45	QP
2	355.1157	19.35	16.67	36.02	46.00	-9.98	QP
3	338.5484	18.86	16.26	35.12	46.00	-10.88	QP
4	316.8666	18.01	15.62	33.63	46.00	-12.37	QP
5	161.7575	12.78	15.02	27.80	43.50	-15.70	QP
6	35.0970	13.60	13.56	27.16	40.00	-12.84	QP

Level = Reading + Factor Margin = Level – Limit

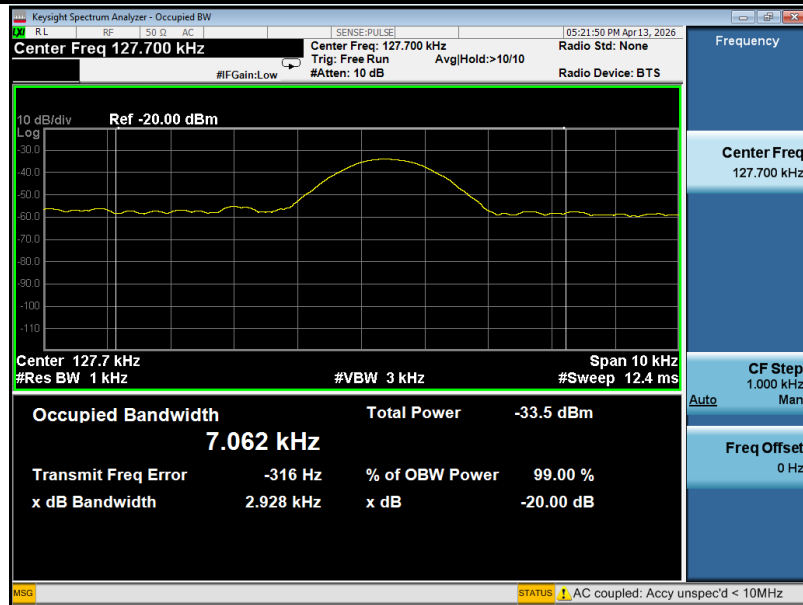
3.3. Test Specification

Test Requirement:	FCC Part15 C Section 15.215(c)
Test Method:	ANSI C63.10: 2020
Limit:	N/A
Test Procedure:	1. According to the follow Test-setup, keep the relative position between the artificial antenna and the EUT. 2. Set to the maximum power setting and enable the EUT transmit continuously. 3. Use the following spectrum analyzer settings for 20dB Bandwidth measurement. Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel; RBW$\geq$1% of the 20 dB bandwidth; VBW$\geq$RBW; Sweep = auto; Detector function = peak; Trace = max hold. 4. Measure and record the results in the test report.
Test setup:	 The diagram illustrates the test setup. On the left, a 'Spectrum Analyzer' is represented by a green rectangle with a screen and control buttons, sitting on a black rectangular stand. A black cable connects the Spectrum Analyzer to a loop antenna, which is depicted as a vertical line with a circular loop at the top. The loop antenna is positioned between the Spectrum Analyzer and the EUT. On the right, the 'EUT' (Equipment Under Test) is shown as a yellow rectangle sitting on its own black rectangular stand.
Test Mode:	Refer to section 4.1 for details
Test results:	PASS

3.3.1. Test data

Mode: Wireless(Out)=5W:

Frequency(kHz)	20dB Occupy Bandwidth (kHz)	Limit (kHz)	Conclusion
127.7	2.928	---	Pass



Note: Mode 3 is standby mode and does not have a transmission frequency.

4. Photos of test setup

Reference to the **appendix I Test Setup Photo** for details.

5. Photos of EUT

Reference to the **appendix II external photos** and **appendix III internal photos** for details.

----- END OF REPORT-----