ICES Test Report

Client Name	:	**Anker Innovations Limited**
Client Address	:	**Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hongkong**
Product Name	:	**Anker SOLIX F1500 Portable Power Station**
Report Date	:	**May 30, 2023**

Shenzhen Anbotek Compliance Laboratory Limited

Contents

TEST REPORT

Applicant	:	Anker Innovations Limited
Manufacturer	:	Anker Innovations Limited
Product Name	:	Anker SOLIX F1500 Portable Power Station
Test Model No.	:	A1772
Reference Model No.	:	N.A.
Trade Mark	:	ANKER
Rating(s)	:	Rated Capacity: 51.2Vdc 30000mAh/1536Wh AC Input Voltage: 100-120V~ 12A Max, 50Hz/60Hz USB-C Output 1: 5V⎓3A/9V⎓3A/15V⎓3A/20V⎓3A/20V⎓5A (100W Max) USB-A Output: 5V⎓2.4A(2.4A Max Per Port) USB-C Output 2: 5V⎓3A/9V⎓3A/15V⎓3A/20V⎓3A(60W Max) XT60 Input: 11-32V⎓10A; 32V-60V⎓12.5A(600W Max) AC Output (Bypass Mode): 100-120V~ 12A Max. 50Hz/60Hz, 1440W Max AC Output (Inverter Mode): 120V~ 15A, 60Hz, 1800W Max AC Input Power (Bypass Mode): 1440W Max AC Input Power(Charging):1000W Max Car Charger Output:12V⎓10A Total output: 1842W
Test Standard(s)	:	**ICES-003:Issue 7 October 2020**
Test Method(s)	:	**CAN/CSA-CISPR 32-17 and ANSI C63.4-2014**

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited To determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the ICES-003 limits both radiated and conducted emissions. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited Is assumed full responsibility for the accuracy and completeness of these measurements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited

Date of Receipt: Mar. 15, 2023

Date of Test: Mar. 15~Apr. 03, 2023

Prepared By: (We Zeng)

Approved & Authorized Signer: (KingKong Jin)

1. General Information

1.1. Client Information

Applicant	:	Anker Innovations Limited
Address	:	Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hongkong
Manufacturer	:	Anker Innovations Limited
Address	:	Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hongkong

1.2. Description of Device (EUT)

Product Name	:	Anker SOLIX F1500 Portable Power Station
Test Model No.	:	A1772
Reference Model No.	:	N.A.
Trade Mark	:	ANKER
Test Power Supply	:	AC 120V, 60Hz / DC 60V / DC 51.2V
Test Sample No.	:	1-1-1
Product Description	:	N.A.
Remark: (1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.		

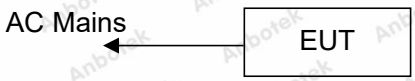
1.3. Auxiliary Equipment Used During Test

N/A		

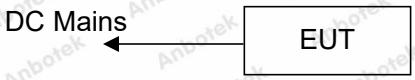
1.4. Description of Test Modes

Pretest Modes	Descriptions
Mode 1	AC Charging
Mode 2	DC Charging
Mode 3	AC Charging + Discharging Full load
Mode 4	DC Charging + AC Discharging
Mode 5	DC Charging + Discharging Full load
Mode 6	Discharging Full load(AC+DC)

For Mode 1 Block Diagram of Test Setup



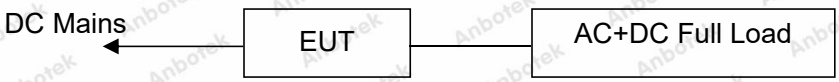
For Mode 2 Block Diagram of Test Setup



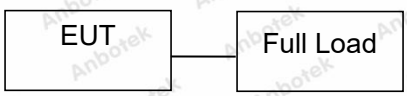
For Mode 3 Block Diagram of Test Setup

For Mode 4 Block Diagram of Test Setup

For Mode 5 Block Diagram of Test Setup



For Mode 6 Block Diagram of Test Setup



1.5. Test Summary

Test Items	Test Mode	Status
Power Line Conducted Emission Test	Mode 1 Mode 3	P
Radiated Emission Test (Below 1 GHz)	All Mode	P
Radiated Emission Test (Above 1GHz)	All Mode	P
P) Indicates “PASS”. F) Indicates “Fail”. N) Indicates “Not applicable”.		

1.6. Test Equipment List

☒ Power Line Conducted Emission Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	L.I.S.N. Artificial Mains Network	Rohde & Schwarz	ENV216	100055	Oct. 23, 2022	1 Year
2.	Three Phase V-type Artificial Power Network	CYBERTEK	EM5040DT	E215040DT001	Jul. 05, 2022	1 Year
3.	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Oct. 13, 2022	1 Year
4.	RF Switching Unit	Compliance Direction	RSU-M2	38303	Oct. 22, 2022	1 Year
5.	Software Name EZ-EMC	Ferrari Technology	ANB-03A	N/A	N/A	N/A

☒ Radiated Emission Test (Below 1 GHz)

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Oct. 13, 2022	1 Year
2.	Pre-amplifier	Schwarzbeck	BBV-9745	9745-075	Oct. 23, 2022	1 Year
3.	Bilog Broadband Antenna	SCHWARZBECK	VULB 9163	01109	Oct. 16, 2022	3 Year
4.	Software Name EZ-EMC	Ferrari Technology	EMEC-3A1	N/A	N/A	N/A

☒ Radiated Emission Test (Above 1GHz)

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	Oct. 23, 2022	1 Year
2.	Bilog Broadband Antenna	Schwarzbeck	VULB9163	VULB 9163-289	Oct. 23, 2022	1 Year
3.	Pre-amplifier	SONOMA	310N	186860	Oct. 23, 2022	1 Year
4.	Software Name EZ-EMC	Ferrari Technology	ANB-03A	N/A	N/A	N/A
5.	EMI Preamplifier	SKET Electronic	LNPA-0118G-45	SKET-PA-002	Oct. 13, 2022	1 Year
6.	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	Oct. 16, 2022	3 Year

1.7. Measurement Uncertainty

Radiation Uncertainty(30MHz-1GHz)	:	Ur =4.46 dB (Horizontal)
	:	Ur = 5.04 dB (Vertical)
Radiation Uncertainty(1GHz-6GHz)	:	Ur = 4.92 dB (Horizontal)
	:	Ur = 4.92 dB (Vertical)
Conduction Uncertainty	:	Uc = 3.4 dB
Disturbance Uncertainty	:	Ud = 3.4 dB

1.8. Description of Test Facility

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

FCC-Registration No.: 184111

Shenzhen Anbotek Compliance Laboratory Limited, 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 our files. Registration No. 184111.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518128

2. Power Line Conducted Emission Test

2.1. Test Standard and Limit

Test Standard:	ICES-003

☐ **Limits for conducted emission at the AC mains power ports of Class A equipment**

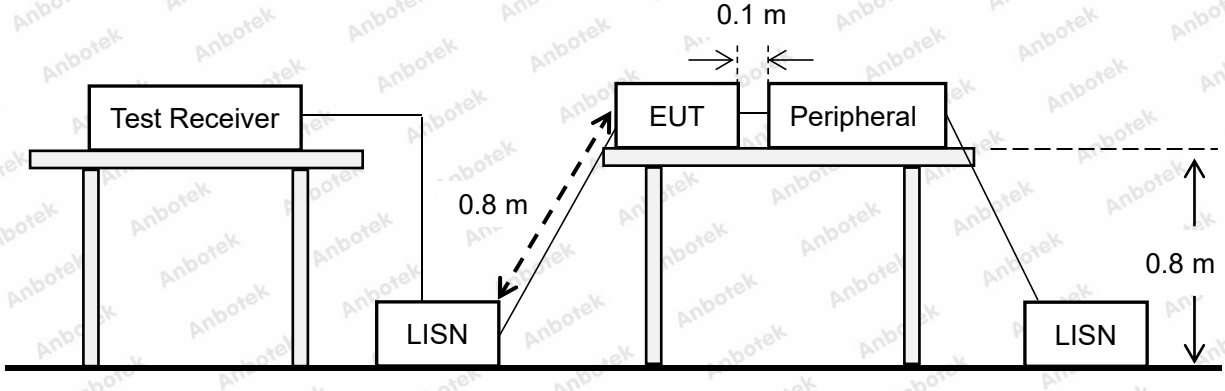
Frequency (MHz)	Limits (dBμV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	79.0	66.0
0.50 ~ 30.00	73.0	60.0
Remark: The lower limit shall apply at the transition frequencies.		

☒ **Limits for conducted emission at the AC mains power ports of Class B equipment**

Frequency (MHz)	Limits (dBμV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66.0 ~ 56.0 *	56.0 ~ 46.0 *
0.50 ~ 5.00	56.0	46.0
5.00 ~ 30.00	60.0	50.0

Remark:
(1) The lower limit shall apply at the transition frequencies.
(2) The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.

2.2. Test Setup



2.3. Test Procedure

The table-top EUT is placed on a non-conductive table 0.8 m above the horizontal ground reference plane, and the back of the EUT is 0.4 m away from the vertical ground reference plane, and at least 0.8 m from any other metal surface or ground plane. The floor-standing EUT is placed on an insulating support 0.1 m above the horizontal ground reference plate, at least 0.8 m away from other metal objects.

Connect EUT to the power mains through an LISN. Where the mains cable supplied by the manufacturer is longer than 1 m, the excess should be folded at the center into a bundle no longer than 0.4 m, so that its length is shortened to 1 m. All the peripherals are connecting to the other LISN.

The initial testing identified the frequency that has the highest disturbance relative to the limit while operating the EUT in typical modes of operation and cable positions in a test setup representative of typical system configuration.

The identification of the frequency of highest disturbance with respect to the limit was found by investigating disturbances at a number of significant frequencies. The probable frequency of maximum disturbance had been found and that the associated cable and EUT configuration and mode of operation had been identified.

Set the test-receiver to quasi peak detect function and average detect function, and to measure the conducted emissions values.

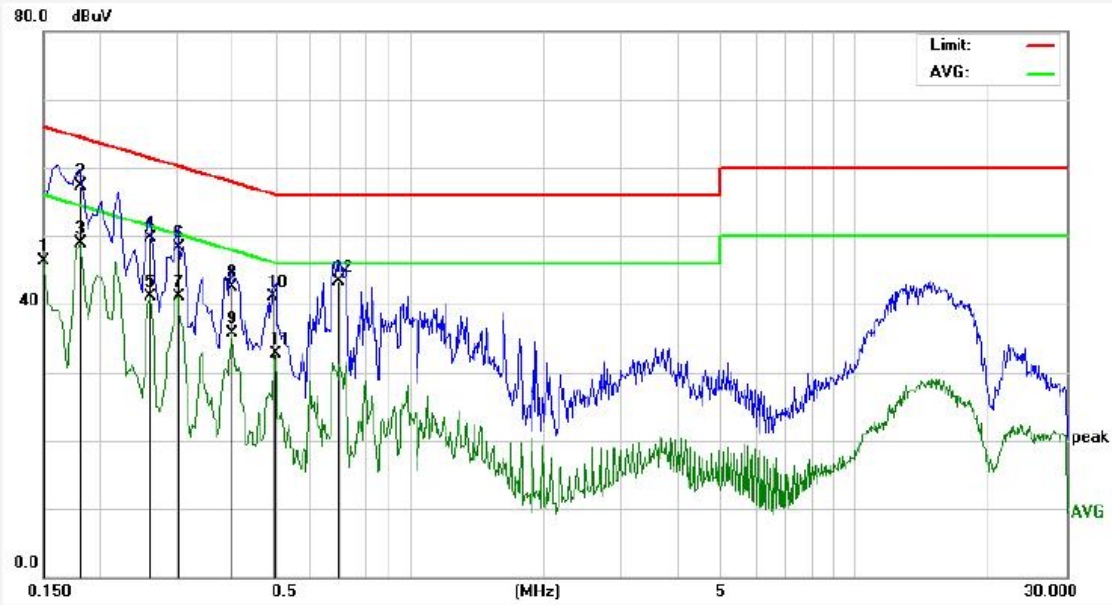
2.4. Test Results

PASS

The test curves are shown in the following pages.

Power Line Conducted Test Data

Test Mode:	AC Charging
Test Site:	1# Shielded Room
Test Specification:	AC 120V, 60Hz
Comment:	Live Line
	Temp.: 23.5℃ Hum.: 45%

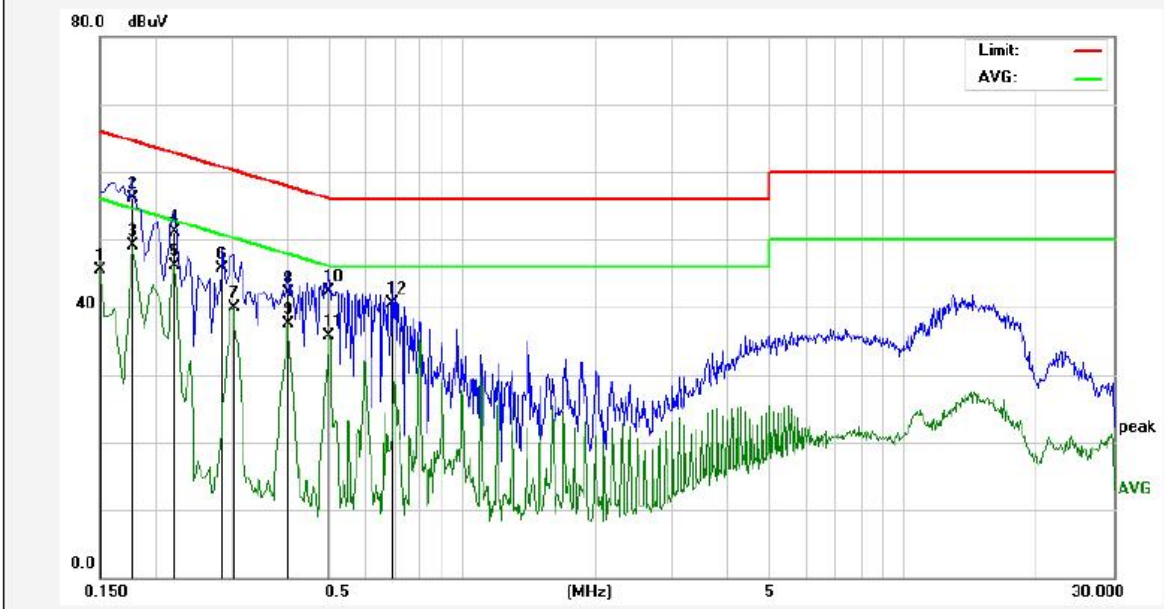


No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1500	36.70	9.58	46.28	55.99	-9.71	AVG	
2	0.1819	47.76	9.58	57.34	64.39	-7.05	QP	
3	0.1819	39.33	9.58	48.91	54.39	-5.48	AVG	
4	0.2620	40.10	9.68	49.78	61.36	-11.58	QP	
5	0.2620	31.43	9.68	41.11	51.36	-10.25	AVG	
6	0.3020	38.57	9.77	48.34	60.19	-11.85	QP	
7	0.3020	31.36	9.77	41.13	50.19	-9.06	AVG	
8	0.3980	32.78	9.76	42.54	57.89	-15.35	QP	
9	0.3980	25.99	9.76	35.75	47.89	-12.14	AVG	
10	0.4940	31.26	9.84	41.10	56.10	-15.00	QP	
11	0.4980	22.93	9.84	32.77	46.03	-13.26	AVG	
12	0.6900	33.57	9.83	43.40	56.00	-12.60	QP	

Note: Result = Reading + Factor Over Limit = Result - Limit

Power Line Conducted Test Data

Test Mode:	AC Charging
Test Site:	1# Shielded Room
Test Specification:	AC 120V, 60Hz
Comment:	Neutral Line
	Temp.: 23.5℃ Hum.: 45%

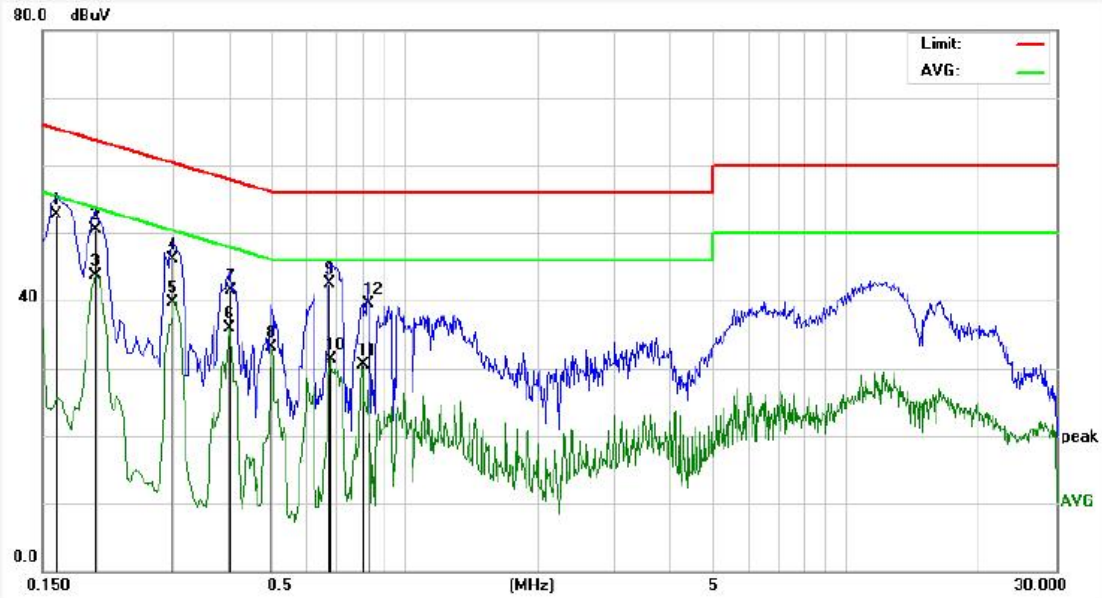


No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1500	35.93	9.58	45.51	55.99	-10.48	AVG	
2	0.1780	46.49	9.58	56.07	64.57	-8.50	QP	
3	0.1780	39.49	9.58	49.07	54.57	-5.50	AVG	
4	0.2220	41.42	9.61	51.03	62.74	-11.71	QP	
5	0.2220	36.47	9.61	46.08	52.74	-6.66	AVG	
6	0.2860	35.88	9.73	45.61	60.64	-15.03	QP	
7	0.3020	30.15	9.76	39.91	50.19	-10.28	AVG	
8	0.4020	32.32	9.76	42.08	57.81	-15.73	QP	
9	0.4020	27.65	9.76	37.41	47.81	-10.40	AVG	
10	0.4980	32.53	9.84	42.37	56.03	-13.66	QP	
11	0.4980	25.93	9.84	35.77	46.03	-10.26	AVG	
12	0.6900	30.76	9.83	40.59	56.00	-15.41	QP	

Note: Result = Reading + Factor Over Limit = Result - Limit

Power Line Conducted Test Data

Test Mode:	AC Charging + Discharging Full load
Test Site:	1# Shielded Room
Test Specification:	AC 120V, 60Hz
Comment:	Live Line
	Temp.: 23.5℃ Hum.: 45%

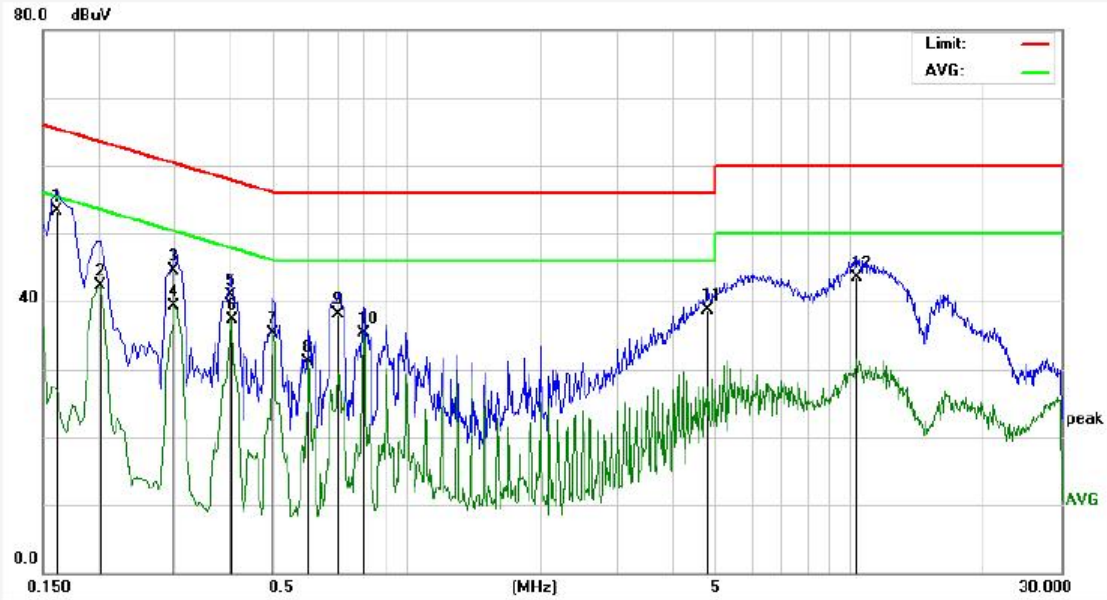


No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1620	43.15	9.58	52.73	65.36	-12.63	QP	
2	0.1980	40.92	9.57	50.49	63.69	-13.20	QP	
3	0.1980	34.17	9.57	43.74	53.69	-9.95	AVG	
4	0.2980	36.42	9.76	46.18	60.30	-14.12	QP	
5	0.2980	30.03	9.76	39.79	50.30	-10.51	AVG	
6	0.3980	26.19	9.76	35.95	47.89	-11.94	AVG	
7	0.4020	31.71	9.76	41.47	57.81	-16.34	QP	
8	0.4980	23.20	9.84	33.04	46.03	-12.99	AVG	
9	0.6740	32.63	9.83	42.46	56.00	-13.54	QP	
10	0.6780	21.49	9.83	31.32	46.00	-14.68	AVG	
11	0.7980	20.72	9.84	30.56	46.00	-15.44	AVG	
12	0.8260	29.66	9.84	39.50	56.00	-16.50	QP	

Note: Result = Reading + Factor Over Limit = Result - Limit

Power Line Conducted Test Data

Test Mode:	AC Charging + Discharging Full load
Test Site:	1# Shielded Room
Test Specification:	AC 120V, 60Hz
Comment:	Neutral Line
	Temp.: 23.5℃ Hum.: 45%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Over Limit (dB)	Detector	Remark
1	0.1620	43.73	9.58	53.31	65.36	-12.05	QP	
2	0.2020	32.75	9.57	42.32	53.52	-11.20	AVG	
3	0.2980	34.84	9.76	44.60	60.30	-15.70	QP	
4	0.2980	29.45	9.76	39.21	50.30	-11.09	AVG	
5	0.3980	31.19	9.76	40.95	57.89	-16.94	QP	
6	0.4020	27.48	9.76	37.24	47.81	-10.57	AVG	
7	0.4980	25.45	9.84	35.29	46.03	-10.74	AVG	
8	0.5980	21.18	9.85	31.03	46.00	-14.97	AVG	
9	0.6980	28.35	9.83	38.18	56.00	-17.82	QP	
10	0.7980	25.52	9.84	35.36	46.00	-10.64	AVG	
11	4.7900	28.85	9.78	38.63	56.00	-17.37	QP	
12	10.3620	33.71	9.83	43.54	60.00	-16.46	QP	

Note: Result = Reading + Factor Over Limit = Result - Limit

3. Radiated Emission Test (Below 1 GHz)

3.1. Test Standard and Limit

Test Standard	ICES-003

☐ **Limit for radiated emissions at frequencies up to 1 GHz for class A equipment**

	Frequency (MHz)	Distance (Meters)	Limit(dBμV/m)
Test Limit	30 ~ 88	3	50.0
	88 ~ 216	3	54.0
	216 ~ 230	3	56.9
	230 ~ 960	3	57.0
	960 ~ 1000	3	60.0

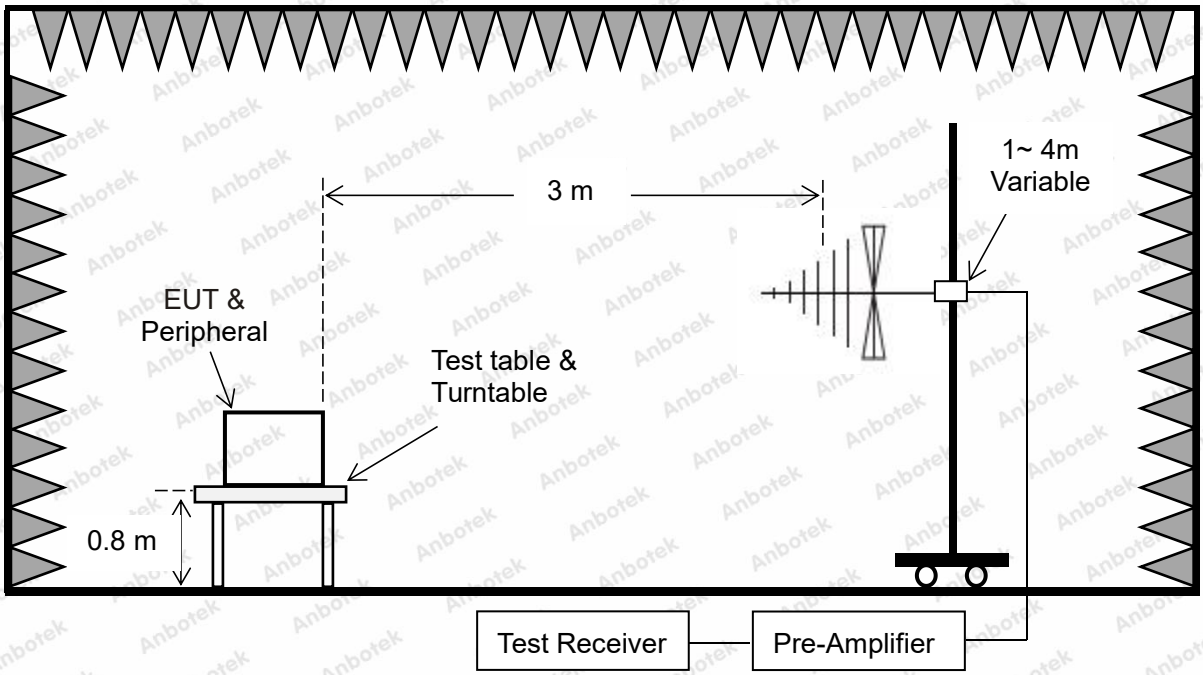
Remark: (1) Emission level (dB)μV = 20 log Emission level μV/m
(2) The smaller limit shall apply at the cross point between two frequency bands.
(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

☒ **Limit for radiated emissions at frequencies up to 1 GHz for class B equipment**

	Frequency (MHz)	DISTANCE (Meters)	(dBμV/m)
Test Limit	30 ~ 88	3	40
	88 ~ 216	3	43.5
	216 ~ 230	3	46
	230 ~ 960	3	47
	960 ~ 1000	3	54

Remark: (1) Emission level (dB)μV = 20 log Emission level μV/m
(2) The smaller limit shall apply at the cross point between two frequency bands.
(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

3.2. Test Setup



3.3. Test Procedure

The table-top EUT is placed on a non-conductive table 0.8 m above the horizontal ground reference plane. The floor-standing EUT is placed on an insulating support 0.1 m above the horizontal ground reference plane.

The EUT was set 3 m away from the receiving antenna that was mounted on a non-conductive mast. The antenna can move up and down between 1 to 4 m to find out the maximum emission level.

The turntable can rotate 360 degree to determine the position of the maximum emission level.

The initial testing identified the frequency that has the highest disturbance relative to the limit while operating the EUT in typical modes of operation and cable positions in a test setup representative of typical system configuration.

The identification of the frequency of highest emission with respect to the limit was found by investigating emissions at a number of significant frequencies. The probable frequency of maximum emission had been found and that the associated cable and EUT configuration and mode of operation had been identified.

The bandwidth of the Receiver is set at 120 kHz.

3.4. Test Results

PASS

The test curves are shown in the following pages.

Test Mode:	AC Charging		
Test item:	Radiation Test	Polarization:	Horizontal
Standard:	(RE)ICES-003	Power Source:	AC 120V, 60Hz
Frequency Range:	30MHz ~ 1000MHz	Temp.(℃)/Hum.(%RH):	23.5(℃)/48%RH
Distance:	3m		

No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	173.2051	44.58	-19.76	24.82	43.50	-18.68	QP			
2	245.9509	43.51	-16.24	27.27	47.00	-19.73	QP			
3	287.9904	42.33	-15.14	27.19	47.00	-19.81	QP			
4	427.2695	34.27	-11.91	22.36	47.00	-24.64	QP			
5	685.9470	31.92	-7.52	24.40	47.00	-22.60	QP			
6	908.0731	30.14	-4.40	25.74	47.00	-21.26	QP			

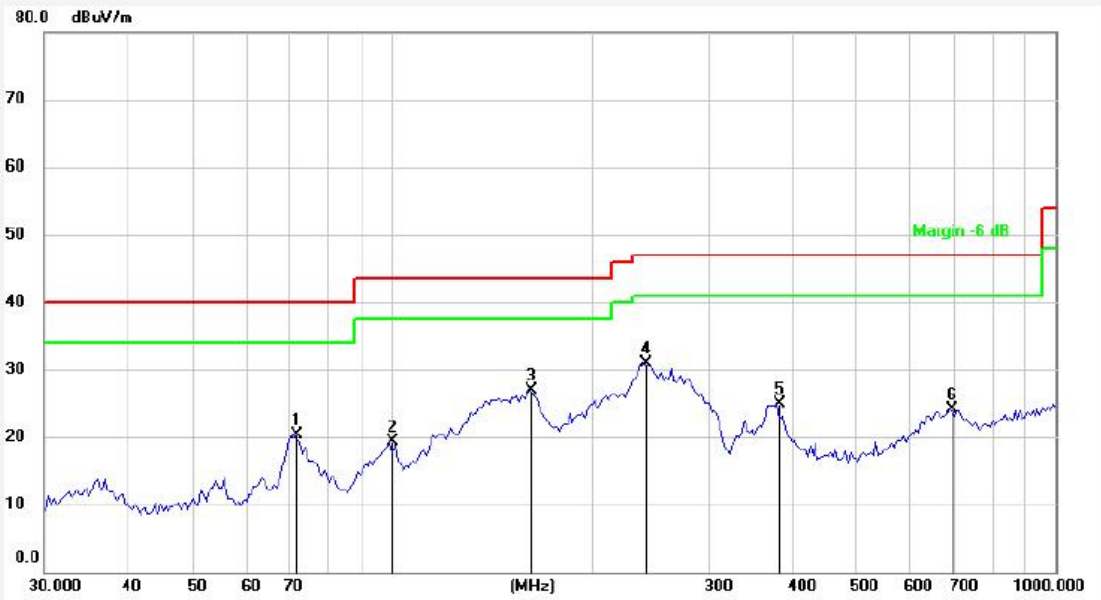
Note: Result= Reading + Factor Over Limit=Result-Limit

Test Mode:	AC Charging		
Test item:	Radiation Test	Polarization:	Vertical
Standard:	(RE)ICES-003	Power Source:	AC 120V, 60Hz
Frequency Range:	30MHz ~ 1000MHz	Temp.(℃)/Hum.(%RH):	23.5(℃)/48%RH
Distance:	3m		

No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	49.0144	45.47	-17.14	28.33	40.00	-11.67	QP			
2	59.4405	41.05	-17.67	23.38	40.00	-16.62	QP			
3	71.4552	46.80	-21.65	25.15	40.00	-14.85	QP			
4	141.5777	54.65	-21.32	33.33	43.50	-10.17	QP			
5	164.3301	44.89	-20.28	24.61	43.50	-18.89	QP			
6	948.7609	28.83	-3.99	24.84	47.00	-22.16	QP			

Note: Result= Reading + Factor Over Limit=Result-Limit

Test Mode:	DC Charging		
Test item:	Radiation Test	Polarization:	Horizontal
Standard:	(RE)ICES-003	Power Source:	DC 60V
Frequency Range:	30MHz ~ 1000MHz	Temp.(℃)/Hum.(%RH):	23.5(℃)/48%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	71.4552	41.87	-21.65	20.22	40.00	-19.78	QP			
2	99.7028	36.25	-16.99	19.26	43.50	-24.24	QP			
3	161.4742	47.34	-20.44	26.90	43.50	-16.60	QP			
4	239.5670	47.51	-16.51	31.00	47.00	-16.00	QP			
5	381.2487	37.84	-12.87	24.97	47.00	-22.03	QP			
6	691.9867	31.61	-7.46	24.15	47.00	-22.85	QP			

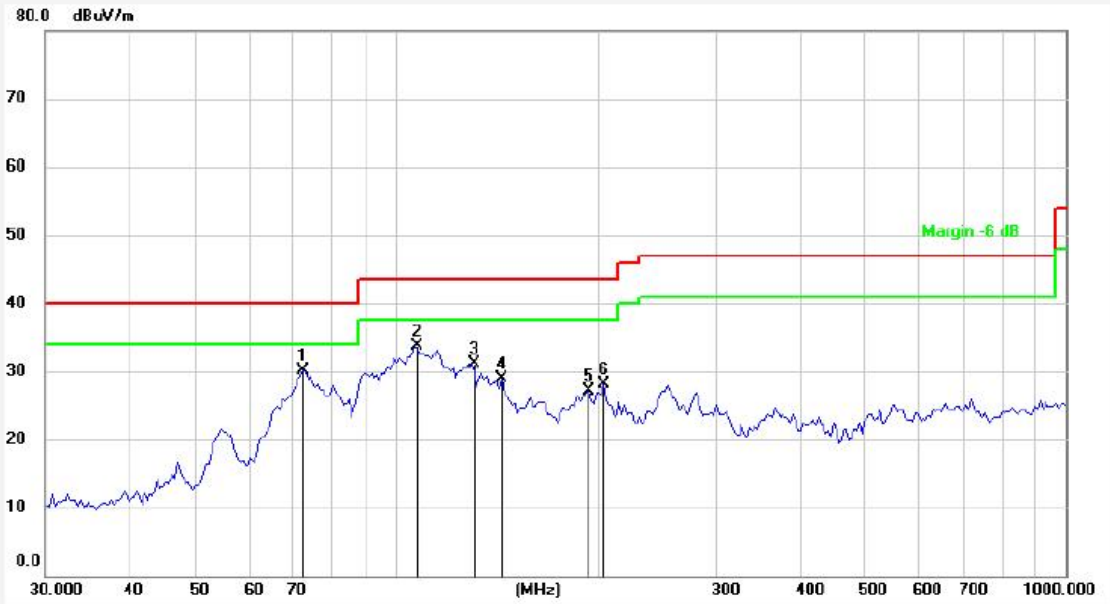
Note: Result= Reading + Factor Over Limit=Result-Limit

Test Mode:	DC Charging		
Test item:	Radiation Test	Polarization:	Vertical
Standard:	(RE)ICES-003	Power Source:	DC 60V
Frequency Range:	30MHz ~ 1000MHz	Temp.(℃)/Hum.(%RH):	23.5(℃)/48%RH
Distance:	3m		

No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	36.3814	45.16	-17.71	27.45	40.00	-12.55	QP			
2	70.8315	54.79	-21.66	33.13	40.00	-6.87	QP			
3	129.6950	47.42	-20.77	26.65	43.50	-16.85	QP			
4	146.6304	46.32	-21.20	25.12	43.50	-18.38	QP			
5	164.3301	44.03	-20.28	23.75	43.50	-19.75	QP			
6	831.8574	36.03	-5.45	30.58	47.00	-16.42	QP			

Note: Result= Reading + Factor Over Limit=Result-Limit

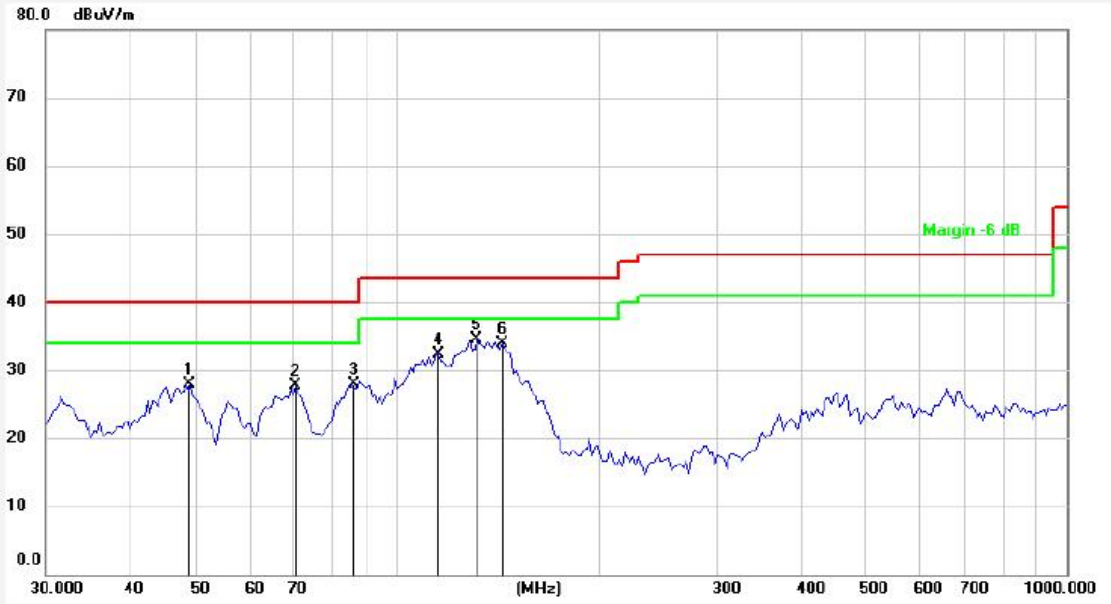
Test Mode:	AC Charging + Discharging Full load		
Test item:	Radiation Test	Polarization:	Horizontal
Standard:	(RE)ICES-003	Power Source:	AC 120V, 60Hz
Frequency Range:	30MHz ~ 1000MHz	Temp.(℃)/Hum.(%RH):	23.5(℃)/48%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	72.7190	51.82	-21.66	30.16	40.00	-9.84	QP			
2	106.9461	51.49	-17.86	33.63	43.50	-9.87	QP			
3	129.6950	51.95	-20.77	31.18	43.50	-12.32	QP			
4	144.0819	50.25	-21.26	28.99	43.50	-14.51	QP			
5	194.1128	45.64	-18.53	27.11	43.50	-16.39	QP			
6	204.5961	46.08	-17.99	28.09	43.50	-15.41	QP			

Note: Result= Reading + Factor Over Limit=Result-Limit

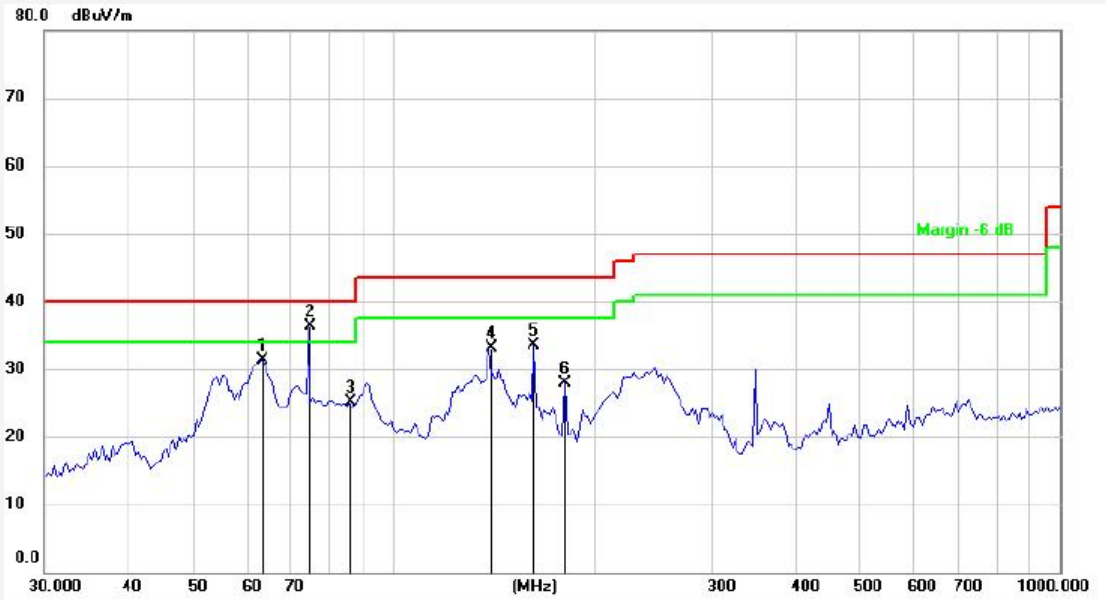
Test Mode:	AC Charging + Discharging Full load		
Test item:	Radiation Test	Polarization:	Vertical
Standard:	(RE)ICES-003	Power Source:	AC 120V, 60Hz
Frequency Range:	30MHz ~ 1000MHz	Temp.(℃)/Hum.(%RH):	23.5(℃)/48%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	48.5867	45.06	-17.13	27.93	40.00	-12.07	QP			
2	70.8315	49.38	-21.66	27.72	40.00	-12.28	QP			
3	85.8984	47.63	-19.70	27.93	40.00	-12.07	QP			
4	114.7156	51.24	-18.87	32.37	43.50	-11.13	QP			
5	131.9889	55.33	-20.92	34.41	43.50	-9.09	QP			
6	144.0819	55.14	-21.26	33.88	43.50	-9.62	QP			

Note: Result= Reading + Factor Over Limit=Result-Limit

Test Mode:	DC Charging + AC Discharging		
Test item:	Radiation Test	Polarization:	Horizontal
Standard:	(RE)ICES-003	Power Source:	DC 60V
Frequency Range:	30MHz ~ 1000MHz	Temp.(℃)/Hum.(%RH):	23.5(℃)/48%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	63.7588	50.49	-19.18	31.31	40.00	-8.69	QP			
2	74.6569	58.03	-21.67	36.36	40.00	-3.64	QP			
3	85.8984	44.86	-19.70	25.16	40.00	-14.84	QP			
4	139.1172	54.42	-21.32	33.10	43.50	-10.40	QP			
5	162.8959	53.81	-20.35	33.46	43.50	-10.04	QP			
6	180.9658	47.13	-19.30	27.83	43.50	-15.67	QP			

Note: Result= Reading + Factor Over Limit=Result-Limit

Test Mode:	DC Charging + AC Discharging		
Test item:	Radiation Test	Polarization:	Vertical
Standard:	(RE)ICES-003	Power Source:	DC 60V
Frequency Range:	30MHz ~ 1000MHz	Temp.(℃)/Hum.(%RH):	23.5(℃)/48%RH
Distance:	3m		

No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	39.7146	48.60	-16.92	31.68	40.00	-8.32	QP			
2	56.8914	47.78	-17.53	30.25	40.00	-9.75	QP			
3	71.4552	50.54	-21.65	28.89	40.00	-11.11	QP			
4	124.1330	49.35	-20.08	29.27	43.50	-14.23	QP			
5	150.5378	47.01	-21.08	25.93	43.50	-17.57	QP			
6	831.8574	44.65	-5.45	39.20	47.00	-7.80	QP			

Note: Result= Reading + Factor Over Limit=Result-Limit

Test Mode:	DC Charging + Discharging Full load		
Test item:	Radiation Test	Polarization:	Horizontal
Standard:	(RE)ICES-003	Power Source:	DC 60V
Frequency Range:	30MHz ~ 1000MHz	Temp.(℃)/Hum.(%RH):	23.5(℃)/48%RH
Distance:	3m		

No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	72.0843	55.18	-21.66	33.52	40.00	-6.48	QP			
2	82.2146	52.38	-20.94	31.44	40.00	-8.56	QP			
3	97.9699	52.32	-17.22	35.10	43.50	-8.40	QP			
4	123.0495	55.62	-19.94	35.68	43.50	-7.82	QP			
5	137.9028	53.38	-21.24	32.14	43.50	-11.36	QP			
6	153.2004	52.08	-20.93	31.15	43.50	-12.35	QP			

Note: Result= Reading + Factor Over Limit=Result-Limit

Test Mode:	DC Charging + Discharging Full load		
Test item:	Radiation Test	Polarization:	Vertical
Standard:	(RE)ICES-003	Power Source:	DC 60V
Frequency Range:	30MHz ~ 1000MHz	Temp.(℃)/Hum.(%RH):	23.5(℃)/48%RH
Distance:	3m		

No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	37.6798	48.41	-17.41	31.00	40.00	-9.00	QP			
2	50.3206	44.89	-17.19	27.70	40.00	-12.30	QP			
3	71.4552	55.56	-21.65	33.91	40.00	-6.09	QP			
4	91.3346	51.13	-18.14	32.99	43.50	-10.51	QP			
5	106.9461	49.84	-17.86	31.98	43.50	-11.52	QP			
6	125.2260	56.44	-20.21	36.23	43.50	-7.27	QP			

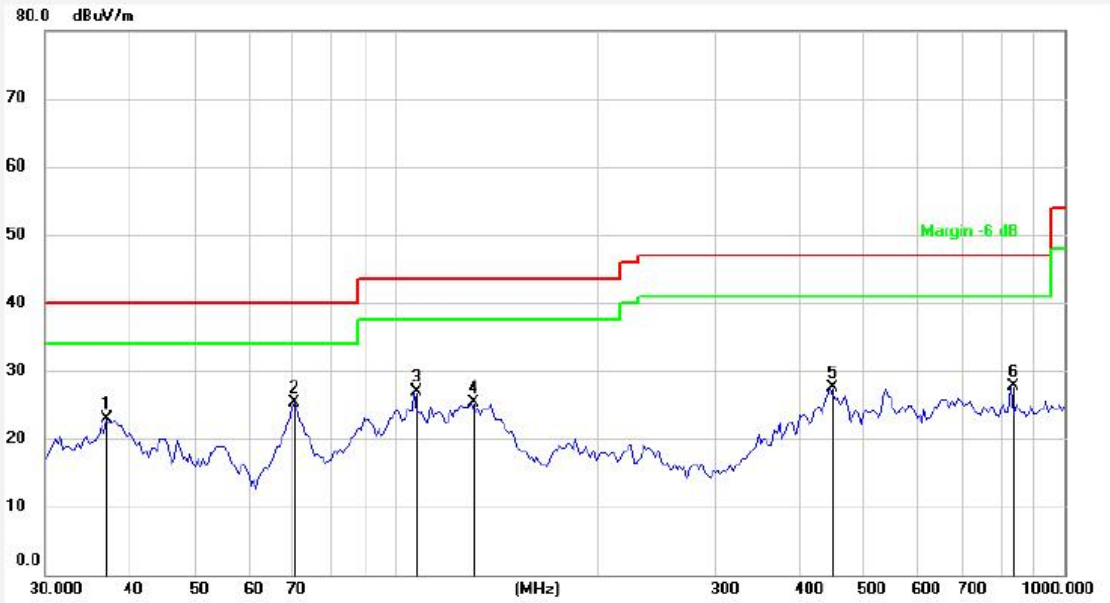
Note: Result= Reading + Factor Over Limit=Result-Limit

Test Mode:	Discharging Full load		
Test item:	Radiation Test	Polarization:	Horizontal
Standard:	(RE)ICES-003	Power Source:	DC 51.2V
Frequency Range:	30MHz ~ 1000MHz	Temp.(℃)/Hum.(%RH):	23.5(℃)/48%RH
Distance:	3m		

No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	74.0053	49.23	-21.67	27.56	40.00	-12.44	QP			
2	107.8877	52.48	-17.97	34.51	43.50	-8.99	QP			
3	128.5630	51.20	-20.63	30.57	43.50	-12.93	QP			
4	145.3506	48.32	-21.23	27.09	43.50	-16.41	QP			
5	190.7390	46.00	-18.72	27.28	43.50	-16.22	QP			
6	201.0402	46.80	-18.14	28.66	43.50	-14.84	QP			

Note: Result= Reading + Factor Over Limit=Result-Limit

Test Mode:	Discharging Full load		
Test item:	Radiation Test	Polarization:	Vertical
Standard:	(RE)ICES-003	Power Source:	DC 51.2V
Frequency Range:	30MHz ~ 1000MHz	Temp.(℃)/Hum.(%RH):	23.5(℃)/48%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor ()	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	37.0248	40.56	-17.56	23.00	40.00	-17.00	QP			
2	70.8315	46.97	-21.66	25.31	40.00	-14.69	QP			
3	106.9461	44.81	-17.86	26.95	43.50	-16.55	QP			
4	129.6950	46.05	-20.77	25.28	43.50	-18.22	QP			
5	446.4141	39.13	-11.55	27.58	47.00	-19.42	QP			
6	831.8574	33.18	-5.45	27.73	47.00	-19.27	QP			

Note: Result= Reading + Factor Over Limit=Result-Limit

4. Radiated Emission Test (Above 1GHz)

4.1. Test Standard and Limit

Test Standard	ICES-003

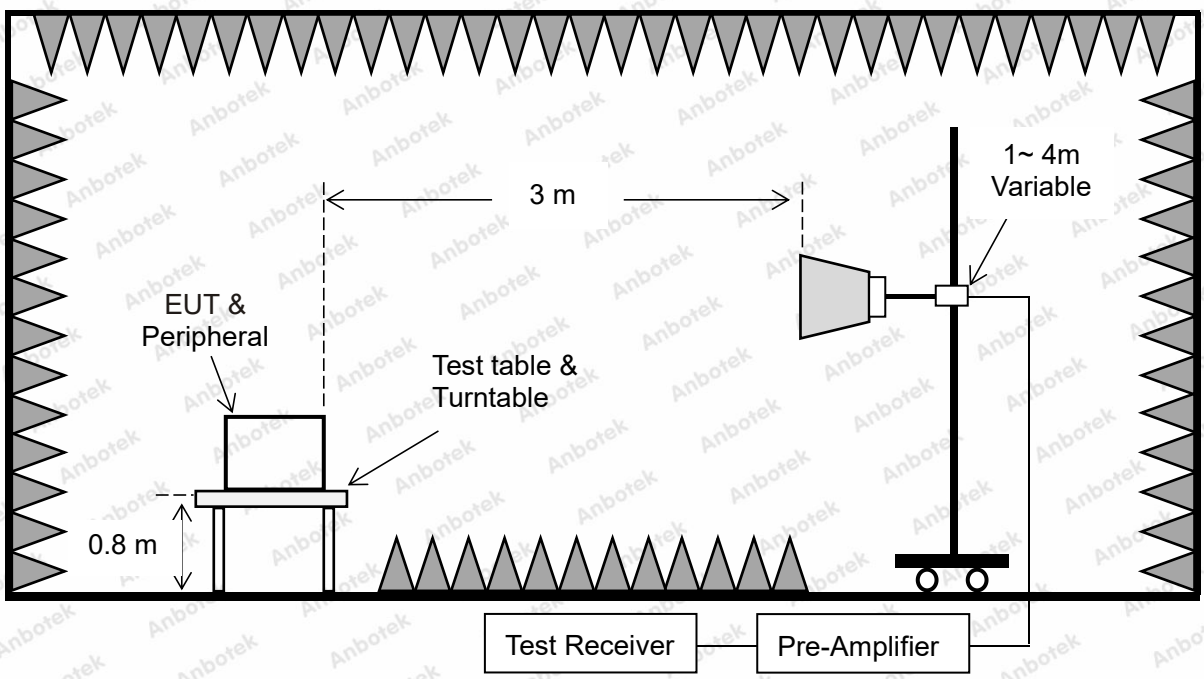
☐ **Limit for radiated emissions at frequencies above 1 GHz for class A equipment**

Frequency (MHz)	Distance (Meters)	Field Strengths Limit (dBμV/m)	
		Peak	Average
1000 ~ 6000	3	80	60
Remark: N/A			

☒ **Limit for radiated emissions at frequencies above 1 GHz for class B equipment**

Frequency (MHz)	Distance (Meters)	Field Strengths Limit (dBμV/m)	
		Peak	Average
1000 ~ 6000	3	74	54
Remark: N/A			

4.2. Test Setup



4.3. Test Procedure

The table-top EUT is placed on a non-conductive table 0.8 m above the horizontal ground reference plane. The floor-standing EUT is placed on an insulating support 0.1 m above the horizontal ground reference plane.

The EUT was set 3 m away from the receiving antenna that was mounted on a non-conductive mast. The antenna can move up and down between 1 to 4 m to find out the maximum emission level.

The turntable can rotate 360 degree to determine the position of the maximum emission level.

The initial testing identified the frequency that has the highest disturbance relative to the limit while operating the EUT in typical modes of operation and cable positions in a test setup representative of typical system configuration.

The identification of the frequency of highest emission with respect to the limit was found by investigating emissions at a number of significant frequencies. The probable frequency of maximum emission had been found and that the associated cable and EUT configuration and mode of operation had been identified.

The test receiver is set to peak and average detects function.

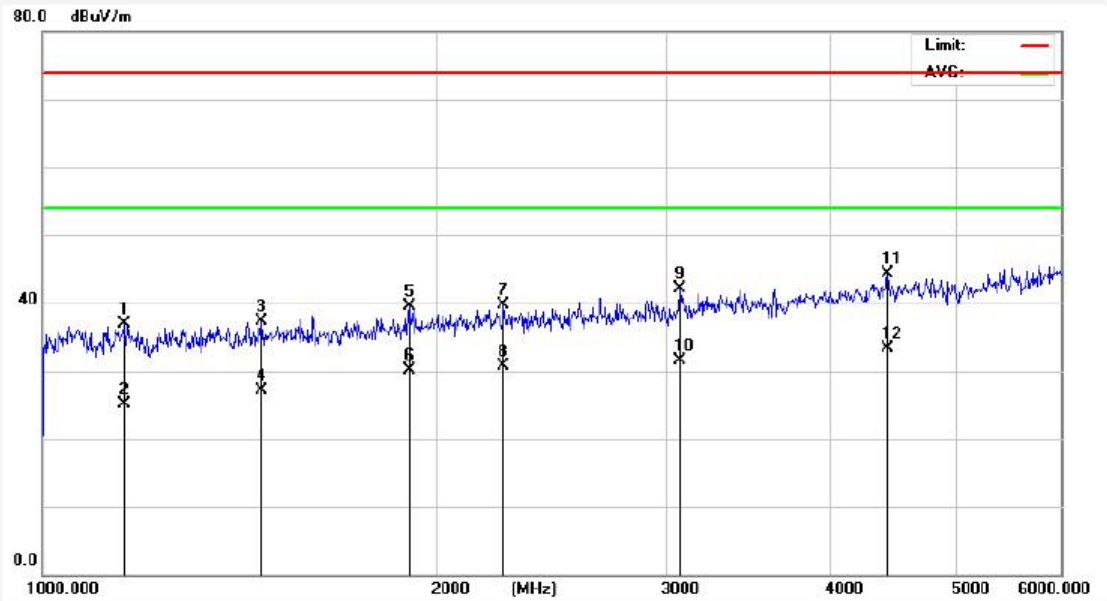
The bandwidth of the test receiver is set at 1MHz.

4.4. Test Results

PASS

The test curves are shown in the following pages.

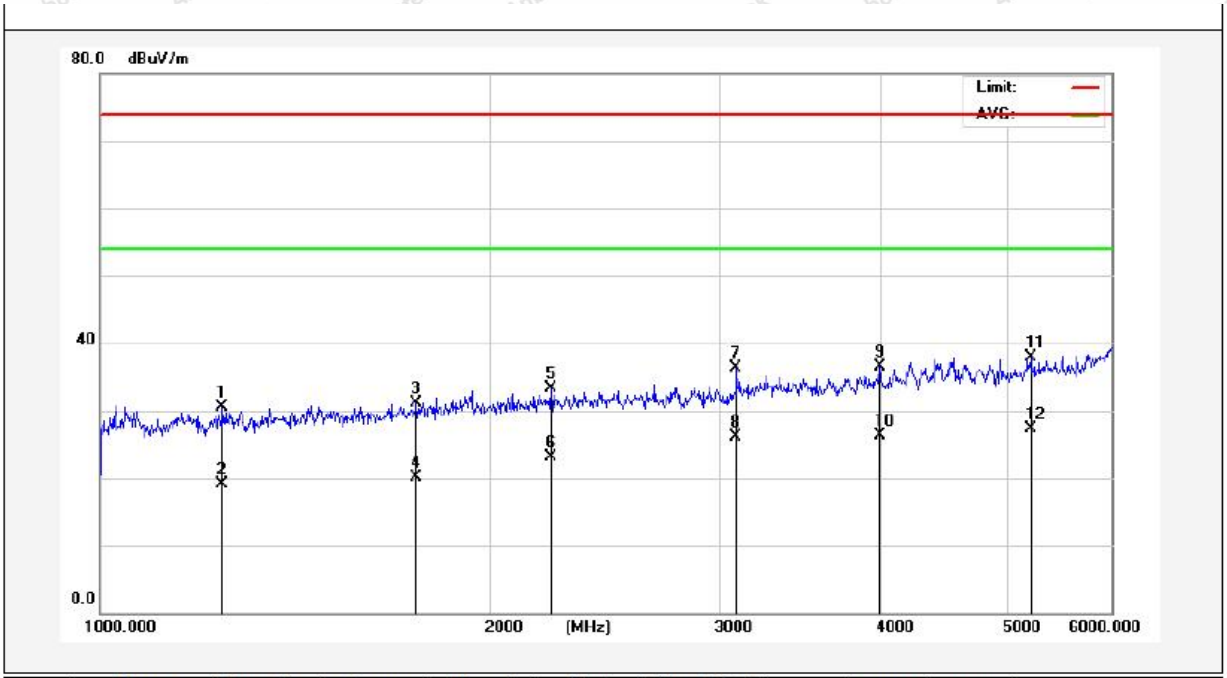
Test Mode:	AC Charging		
Test item:	Radiation Test	Polarization:	Horizontal
Standard:	(RE)ICES-003	Power Source:	AC 120V, 60Hz
Frequency Range:	1GHz ~ 6GHz	Temp.(℃)/Hum.(%RH):	22.5(℃)/50%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	1154.123	64.33	-27.47	36.86	74.00	-37.14	peak			
2	1154.123	52.60	-27.47	25.13	54.00	-28.87	AVG			
3	1469.950	64.18	-26.87	37.31	74.00	-36.69	peak			
4	1469.950	53.93	-26.87	27.06	54.00	-26.94	AVG			
5	1906.051	65.08	-25.57	39.51	74.00	-34.49	peak			
6	1906.051	55.72	-25.57	30.15	54.00	-23.85	AVG			
7	2251.659	64.37	-24.59	39.78	74.00	-34.22	peak			
8	2251.659	55.21	-24.59	30.62	54.00	-23.38	AVG			
9	3069.889	64.31	-22.15	42.16	74.00	-31.84	peak			
10	3069.889	53.69	-22.15	31.54	54.00	-22.46	AVG			
11	4424.514	62.69	-18.35	44.34	74.00	-29.66	peak			
12	4424.514	51.62	-18.35	33.27	54.00	-20.73	AVG			

Note: Result= Reading + Factor Over Limit=Result-Limit

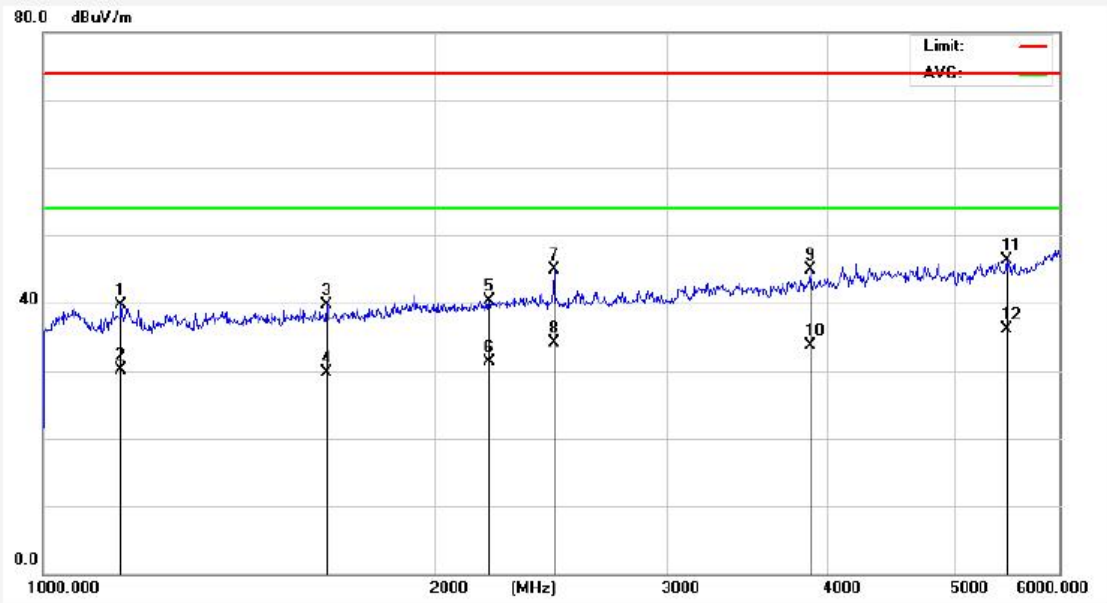
Test Mode:	AC Charging		
Test item:	Radiation Test	Polarization:	Vertical
Standard:	(RE)ICES-003	Power Source:	AC 120V, 60Hz
Frequency Range:	1GHz ~ 6GHz	Temp.(℃)/Hum.(%RH):	22.5(℃)/50%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	1242.099	57.65	-27.22	30.43	74.00	-43.57	peak			
2	1242.099	46.36	-27.22	19.14	54.00	-34.86	AVG			
3	1752.110	57.50	-26.48	31.02	74.00	-42.98	peak			
4	1752.110	46.54	-26.48	20.06	54.00	-33.94	AVG			
5	2223.594	57.93	-24.65	33.28	74.00	-40.72	peak			
6	2223.594	47.78	-24.65	23.13	54.00	-30.87	AVG			
7	3086.435	58.40	-22.11	36.29	74.00	-37.71	peak			
8	3086.435	48.30	-22.11	26.19	54.00	-27.81	AVG			
9	3980.656	56.47	-19.98	36.49	74.00	-37.51	peak			
10	3980.656	46.25	-19.98	26.27	54.00	-27.73	AVG			
11	5198.753	54.75	-16.76	37.99	74.00	-36.01	peak			
12	5198.753	44.01	-16.76	27.25	54.00	-26.75	AVG			

Note: Result= Reading + Factor Over Limit=Result-Limit

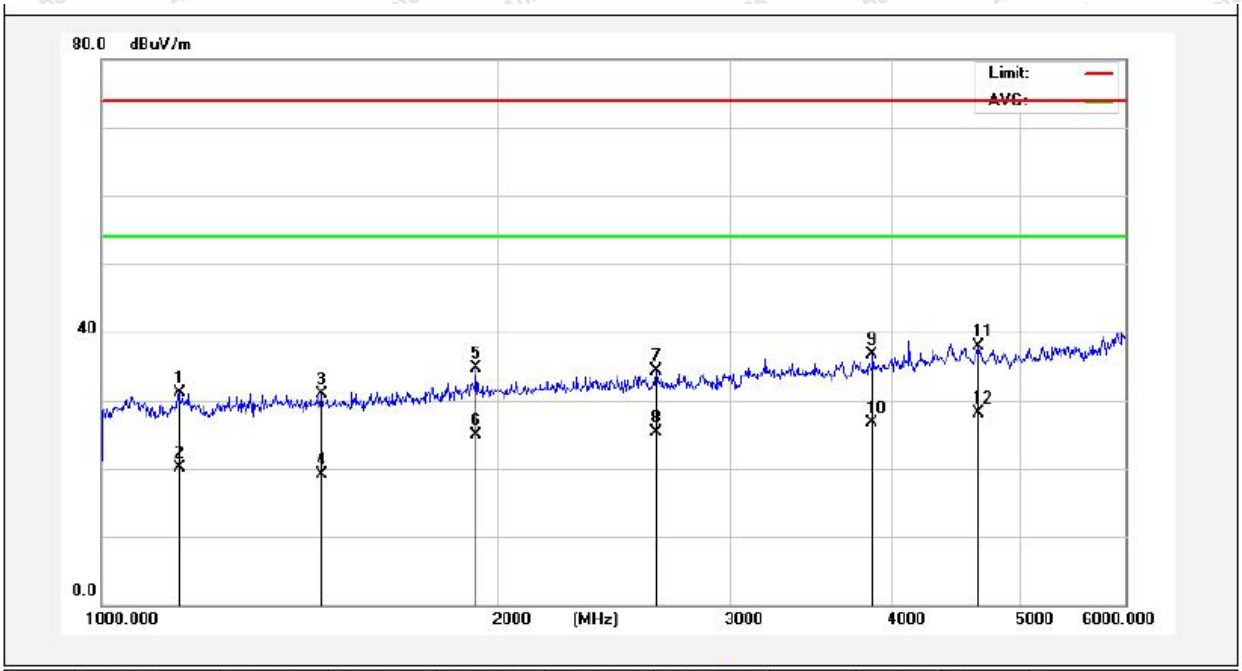
Test Mode:	DC Charging		
Test item:	Radiation Test	Polarization:	Horizontal
Standard:	(RE)ICES-003	Power Source:	DC 60V
Frequency Range:	1GHz ~ 6GHz	Temp.(℃)/Hum.(%RH):	22.5(℃)/50%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	1147.936	67.12	-27.50	39.62	74.00	-34.38	peak			
2	1147.936	57.64	-27.50	30.14	54.00	-23.86	AVG			
3	1648.558	66.47	-26.77	39.70	74.00	-34.30	peak			
4	1648.558	56.44	-26.77	29.67	54.00	-24.33	AVG			
5	2195.879	65.05	-24.70	40.35	74.00	-33.65	peak			
6	2195.879	55.95	-24.70	31.25	54.00	-22.75	AVG			
7	2462.692	69.20	-24.32	44.88	74.00	-29.12	peak			
8	2462.692	58.40	-24.32	34.08	54.00	-19.92	AVG			
9	3868.158	65.19	-20.30	44.89	74.00	-29.11	peak			
10	3868.158	53.92	-20.30	33.62	54.00	-20.38	AVG			
11	5466.224	62.42	-16.09	46.33	74.00	-27.67	peak			
12	5466.224	52.26	-16.09	36.17	54.00	-17.83	AVG			

Note: Result= Reading + Factor Over Limit=Result-Limit

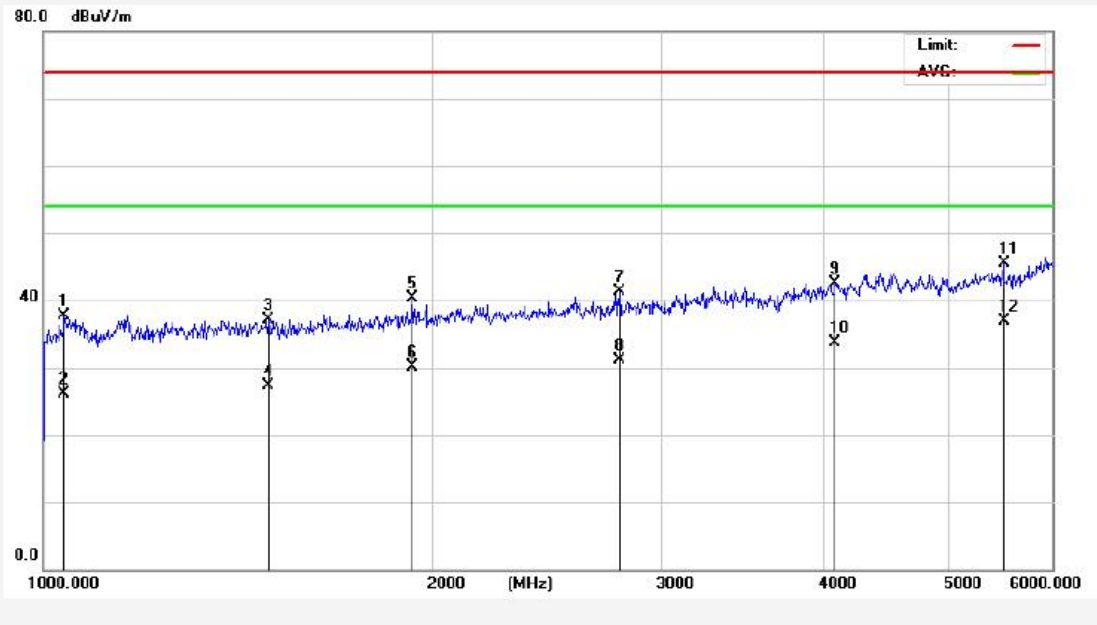
Test Mode:	DC Charging		
Test item:	Radiation Test	Polarization:	Vertical
Standard:	(RE)ICES-003	Power Source:	DC 60V
Frequency Range:	1GHz ~ 6GHz	Temp.(℃)/Hum.(%RH):	22.5(℃)/50%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	1145.881	58.56	-27.50	31.06	74.00	-42.94	peak			
2	1145.881	47.63	-27.50	20.13	54.00	-33.87	AVG			
3	1469.950	57.73	-26.87	30.86	74.00	-43.14	peak			
4	1469.950	45.91	-26.87	19.04	54.00	-34.96	AVG			
5	1926.652	60.21	-25.53	34.68	74.00	-39.32	peak			
6	1926.652	50.48	-25.53	24.95	54.00	-29.05	AVG			
7	2640.937	58.01	-23.77	34.24	74.00	-39.76	peak			
8	2640.937	48.98	-23.77	25.21	54.00	-28.79	AVG			
9	3854.321	57.12	-20.33	36.79	74.00	-37.21	peak			
10	3854.321	47.07	-20.33	26.74	54.00	-27.26	AVG			
11	4635.509	55.91	-18.02	37.89	74.00	-36.11	peak			
12	4635.509	46.10	-18.02	28.08	54.00	-25.92	AVG			

Note: Result= Reading + Factor Over Limit=Result-Limit

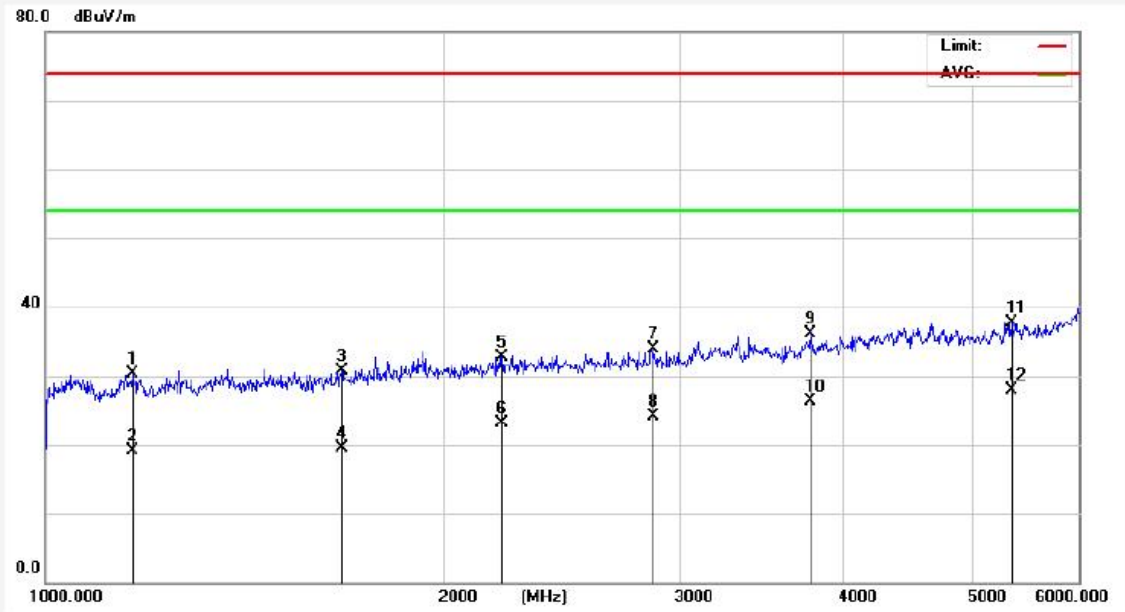
Test Mode:	AC Charging + Discharging Full load		
Test item:	Radiation Test	Polarization:	Horizontal
Standard:	(RE)ICES-003	Power Source:	AC 120V, 60Hz
Frequency Range:	1GHz ~ 6GHz	Temp.(℃)/Hum.(%RH):	22.5(℃)/50%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	1038.344	65.45	-27.71	37.74	74.00	-36.26	peak			
2	1038.344	53.88	-27.71	26.17	54.00	-27.83	AVG			
3	1491.172	64.05	-26.87	37.18	74.00	-36.82	peak			
4	1491.172	54.26	-26.87	27.39	54.00	-26.61	AVG			
5	1926.652	65.85	-25.53	40.32	74.00	-33.68	peak			
6	1926.652	55.68	-25.53	30.15	54.00	-23.85	AVG			
7	2781.790	64.80	-23.52	41.28	74.00	-32.72	peak			
8	2781.790	54.54	-23.52	31.02	54.00	-22.98	AVG			
9	4081.772	62.14	-19.59	42.55	74.00	-31.45	peak			
10	4081.772	53.23	-19.59	33.64	54.00	-20.36	AVG			
11	5505.541	61.50	-16.02	45.48	74.00	-28.52	peak			
12	5505.541	52.90	-16.02	36.88	54.00	-17.12	AVG			

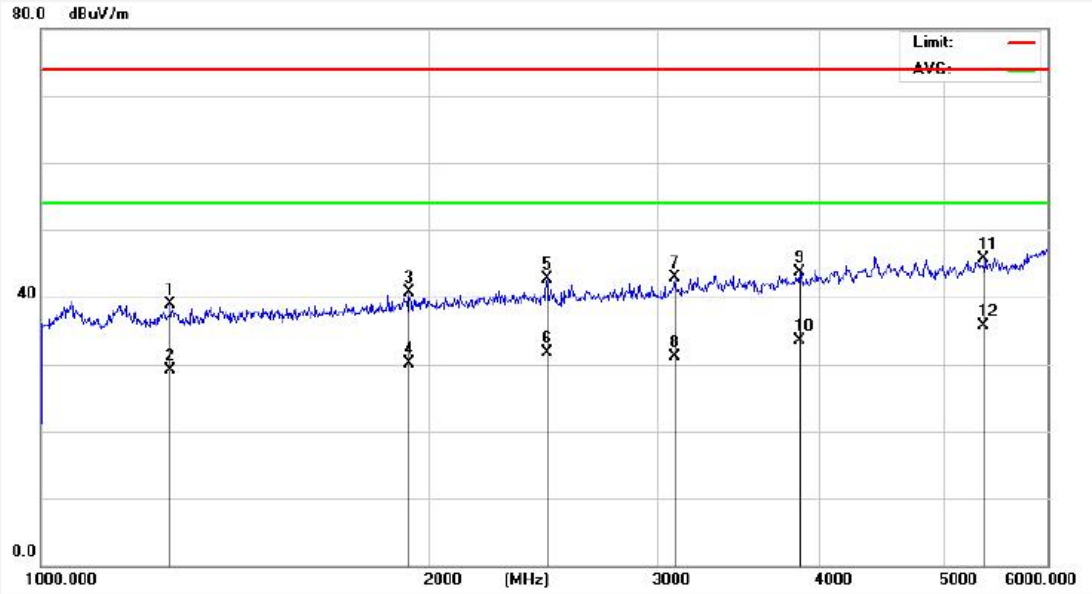
Note: Result= Reading + Factor Over Limit=Result-Limit

Test Mode:	AC Charging + Discharging Full load		
Test item:	Radiation Test	Polarization:	Vertical
Standard:	(RE)ICES-003	Power Source:	AC 120V, 60Hz
Frequency Range:	1GHz ~ 6GHz	Temp.(℃)/Hum.(%RH):	22.5(℃)/50%RH
Distance:	3m		
Note: Result= Reading + Factor Over Limit=Result-Limit			



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	1162.424	57.69	-27.44	30.25	74.00	-43.75	peak			
2	1162.424	46.59	-27.44	19.15	54.00	-34.85	AVG			
3	1672.359	57.47	-26.70	30.77	74.00	-43.23	peak			
4	1672.359	46.18	-26.70	19.48	54.00	-34.52	AVG			
5	2207.714	57.39	-24.68	32.71	74.00	-41.29	peak			
6	2207.714	47.83	-24.68	23.15	54.00	-30.85	AVG			
7	2872.970	56.92	-23.07	33.85	74.00	-40.15	peak			
8	2872.970	47.11	-23.07	24.04	54.00	-29.96	AVG			
9	3765.580	56.84	-20.64	36.20	74.00	-37.80	peak			
10	3765.580	46.90	-20.64	26.26	54.00	-27.74	AVG			
11	5340.371	53.94	-16.27	37.67	74.00	-36.33	peak			
12	5340.371	44.20	-16.27	27.93	54.00	-26.07	AVG			

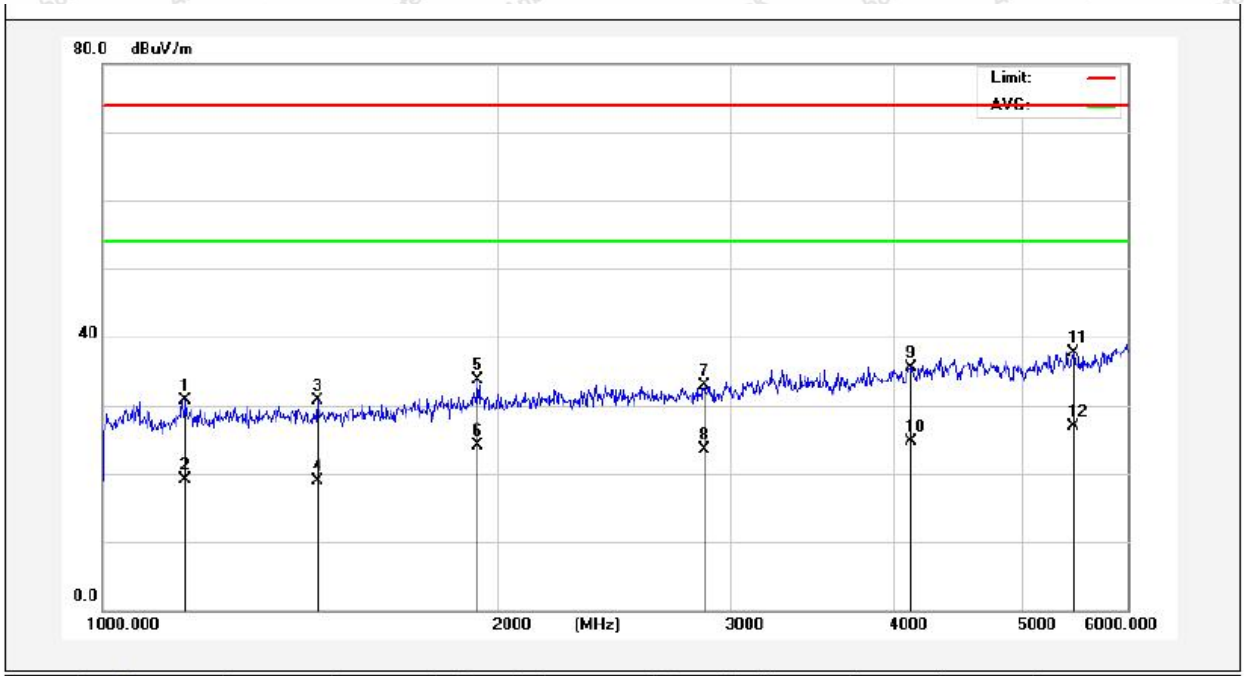
Test Mode:	DC Charging + AC Discharging		
Test item:	Radiation Test	Polarization:	Horizontal
Standard:	(RE)ICES-003	Power Source:	DC 60V
Frequency Range:	1GHz ~ 6GHz	Temp.(℃)/Hum.(%RH):	22.5(℃)/50%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	1260.032	66.07	-27.19	38.88	74.00	-35.12	peak			
2	1260.032	56.35	-27.19	29.16	54.00	-24.84	AVG			
3	1926.652	66.17	-25.53	40.64	74.00	-33.36	peak			
4	1926.652	55.68	-25.53	30.15	54.00	-23.85	AVG			
5	2462.692	66.94	-24.32	42.62	74.00	-31.38	peak			
6	2462.692	55.94	-24.32	31.62	54.00	-22.38	AVG			
7	3091.970	65.00	-22.09	42.91	74.00	-31.09	peak			
8	3091.970	53.15	-22.09	31.06	54.00	-22.94	AVG			
9	3861.233	63.96	-20.32	43.64	74.00	-30.36	peak			
10	3861.233	53.86	-20.32	33.54	54.00	-20.46	AVG			
11	5359.542	61.94	-16.26	45.68	74.00	-28.32	peak			
12	5359.542	51.97	-16.26	35.71	54.00	-18.29	AVG			

Note: Result= Reading + Factor Over Limit=Result-Limit

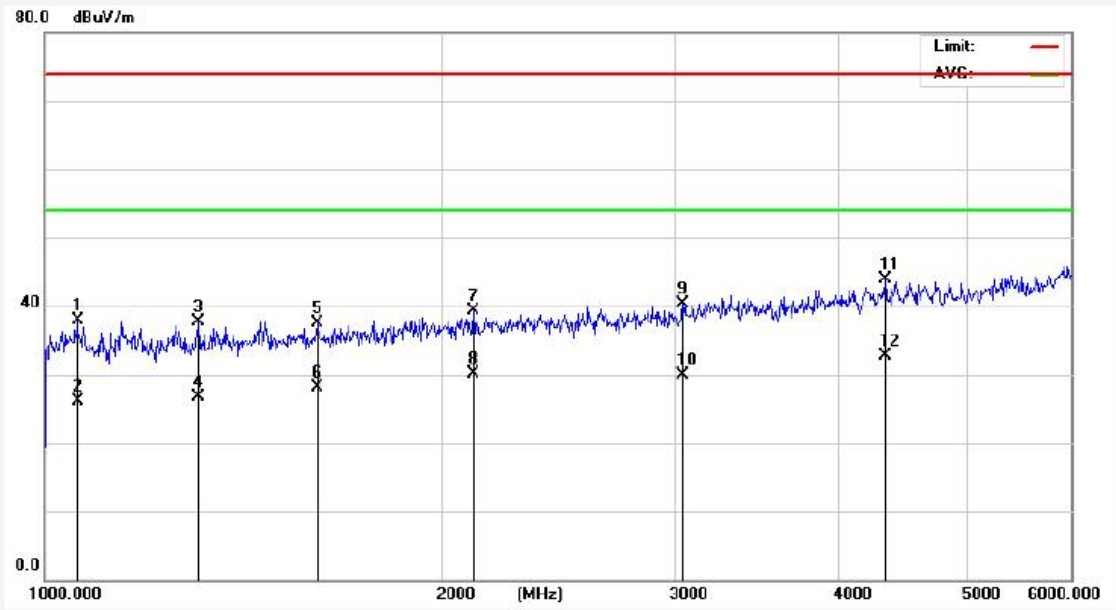
Test Mode:	DC Charging + AC Discharging		
Test item:	Radiation Test	Polarization:	Vertical
Standard:	(RE)ICES-003	Power Source:	DC 60V
Frequency Range:	1GHz ~ 6GHz	Temp.(℃)/Hum.(%RH):	22.5(℃)/50%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	1156.193	58.17	-27.46	30.71	74.00	-43.29	peak			
2	1156.193	46.63	-27.46	19.17	54.00	-34.83	AVG			
3	1456.840	57.52	-26.89	30.63	74.00	-43.37	peak			
4	1456.840	45.82	-26.89	18.93	54.00	-35.07	AVG			
5	1926.652	59.15	-25.53	33.62	74.00	-40.38	peak			
6	1926.652	49.55	-25.53	24.02	54.00	-29.98	AVG			
7	2862.693	56.03	-23.13	32.90	74.00	-41.10	peak			
8	2862.693	46.58	-23.13	23.45	54.00	-30.55	AVG			
9	4103.772	55.06	-19.49	35.57	74.00	-38.43	peak			
10	4103.772	44.16	-19.49	24.67	54.00	-29.33	AVG			
11	5456.438	53.75	-16.11	37.64	74.00	-36.36	peak			
12	5456.438	42.94	-16.11	26.83	54.00	-27.17	AVG			

Note: Result= Reading + Factor Over Limit=Result-Limit

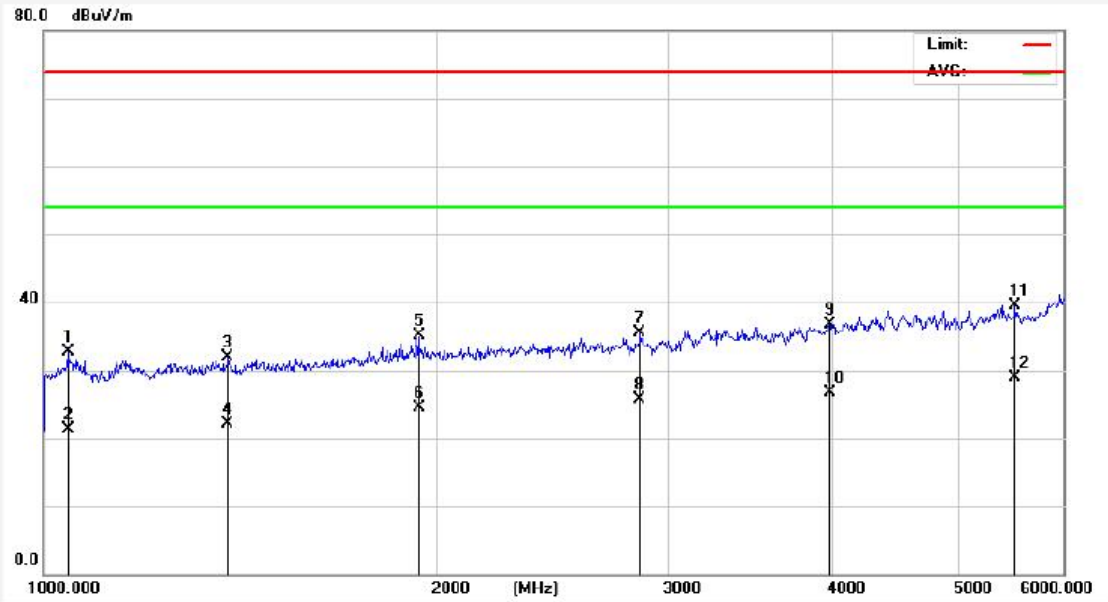
Test Mode:	DC Charging + Discharging Full load		
Test item:	Radiation Test	Polarization:	Horizontal
Standard:	(RE)ICES-003	Power Source:	DC 60V
Frequency Range:	1GHz ~ 6GHz	Temp.(℃)/Hum.(%RH):	22.5(℃)/50%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	1059.012	65.53	-27.70	37.83	74.00	-36.17	peak			
2	1059.012	53.83	-27.70	26.13	54.00	-27.87	AVG			
3	1308.346	64.78	-27.09	37.69	74.00	-36.31	peak			
4	1308.346	53.83	-27.09	26.74	54.00	-27.26	AVG			
5	1610.602	64.45	-26.88	37.57	74.00	-36.43	peak			
6	1610.602	54.94	-26.88	28.06	54.00	-25.94	AVG			
7	2114.790	64.29	-24.99	39.30	74.00	-34.70	peak			
8	2114.790	55.14	-24.99	30.15	54.00	-23.85	AVG			
9	3047.966	62.48	-22.21	40.27	74.00	-33.73	peak			
10	3047.966	52.12	-22.21	29.91	54.00	-24.09	AVG			
11	4338.163	62.56	-18.69	43.87	74.00	-30.13	peak			
12	4338.163	51.36	-18.69	32.67	54.00	-21.33	AVG			

Note: Result= Reading + Factor Over Limit=Result-Limit

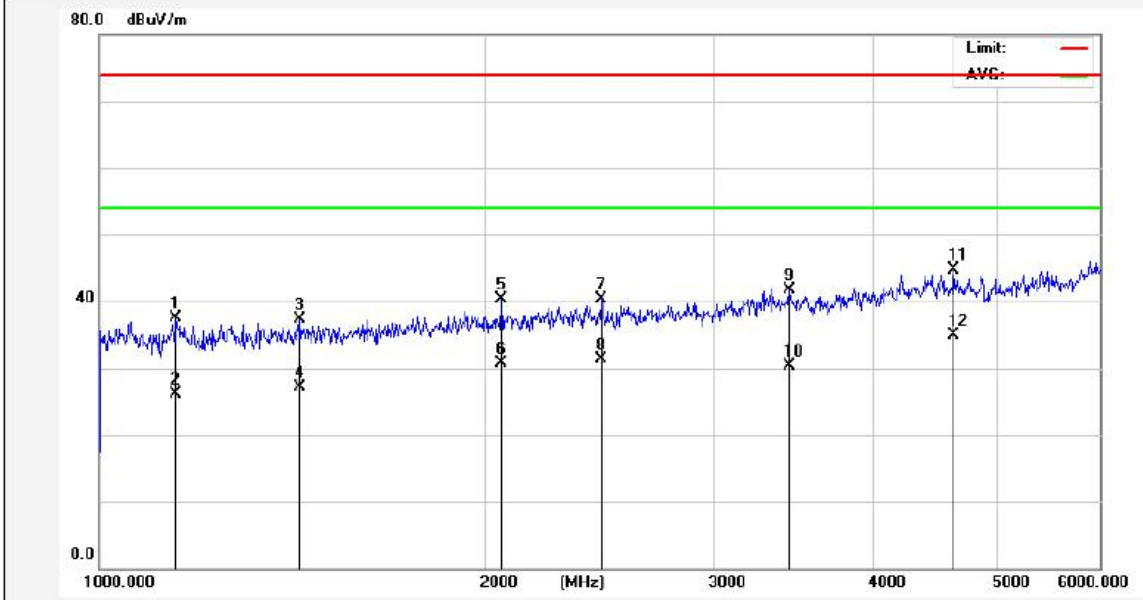
Test Mode:	DC Charging + Discharging Full load		
Test item:	Radiation Test	Polarization:	Vertical
Standard:	(RE)ICES-003	Power Source:	DC 60V
Frequency Range:	1GHz ~ 6GHz	Temp.(℃)/Hum.(%RH):	22.5(℃)/50%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	1043.940	60.44	-27.70	32.74	74.00	-41.26	peak			
2	1043.940	49.04	-27.70	21.34	54.00	-32.66	AVG			
3	1383.074	58.92	-26.94	31.98	74.00	-42.02	peak			
4	1383.074	49.00	-26.94	22.06	54.00	-31.94	AVG			
5	1933.569	60.52	-25.51	35.01	74.00	-38.99	peak			
6	1933.569	50.03	-25.51	24.52	54.00	-29.48	AVG			
7	2852.453	58.65	-23.19	35.46	74.00	-38.54	peak			
8	2852.453	48.92	-23.19	25.73	54.00	-28.27	AVG			
9	3980.656	56.76	-19.98	36.78	74.00	-37.22	peak			
10	3980.656	46.66	-19.98	26.68	54.00	-27.32	AVG			
11	5515.414	55.53	-16.06	39.47	74.00	-34.53	peak			
12	5515.414	45.00	-16.06	28.94	54.00	-25.06	AVG			

Note: Result= Reading + Factor Over Limit=Result-Limit

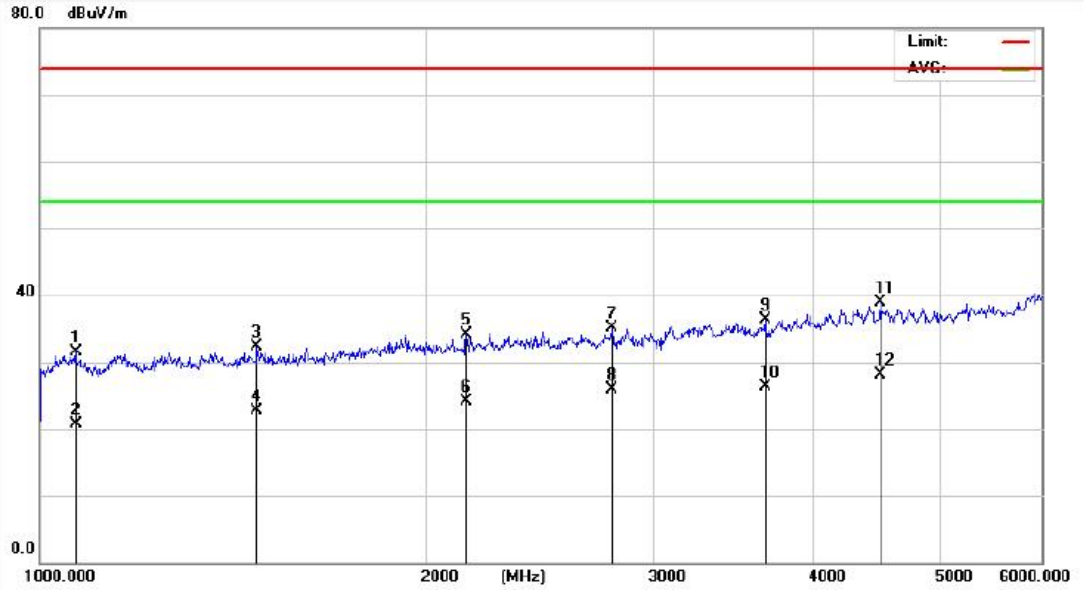
Test Mode:	Discharging Full load		
Test item:	Radiation Test	Polarization:	Horizontal
Standard:	(RE)ICES-003	Power Source:	DC 51.2V
Frequency Range:	1GHz ~ 6GHz	Temp.(℃)/Hum.(%RH):	22.5(℃)/50%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	1147.936	65.05	-27.50	37.55	74.00	-36.45	peak			
2	1147.936	53.68	-27.50	26.18	54.00	-27.82	AVG			
3	1433.535	64.25	-26.90	37.35	74.00	-36.65	peak			
4	1433.535	53.94	-26.90	27.04	54.00	-26.96	AVG			
5	2055.023	65.43	-25.20	40.23	74.00	-33.77	peak			
6	2055.023	55.84	-25.20	30.64	54.00	-23.36	AVG			
7	2458.283	64.61	-24.33	40.28	74.00	-33.72	peak			
8	2458.283	55.58	-24.33	31.25	54.00	-22.75	AVG			
9	3442.900	63.35	-21.62	41.73	74.00	-32.27	peak			
10	3442.900	51.94	-21.62	30.32	54.00	-23.68	AVG			
11	4618.928	62.78	-18.06	44.72	74.00	-29.28	peak			
12	4618.928	53.03	-18.06	34.97	54.00	-19.03	AVG			

Note: Result= Reading + Factor Over Limit=Result-Limit

Test Mode:	Discharging Full load		
Test item:	Radiation Test	Polarization:	Vertical
Standard:	(RE)ICES-003	Power Source:	DC 51.2V
Frequency Range:	1GHz ~ 6GHz	Temp.(℃)/Hum.(%RH):	22.5(℃)/50%RH
Distance:	3m		



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	1066.629	59.29	-27.69	31.60	74.00	-42.40	peak			
2	1066.629	48.33	-27.69	20.64	54.00	-33.36	AVG			
3	1475.227	59.09	-26.87	32.22	74.00	-41.78	peak			
4	1475.227	49.52	-26.87	22.65	54.00	-31.35	AVG			
5	2145.322	59.08	-24.88	34.20	74.00	-39.80	peak			
6	2145.322	48.90	-24.88	24.02	54.00	-29.98	AVG			
7	2781.790	58.56	-23.52	35.04	74.00	-38.96	peak			
8	2781.790	49.50	-23.52	25.98	54.00	-28.02	AVG			
9	3659.161	57.69	-21.32	36.37	74.00	-37.63	peak			
10	3659.161	47.59	-21.32	26.27	54.00	-27.73	AVG			
11	4496.441	57.23	-18.35	38.88	74.00	-35.12	peak			
12	4496.441	46.49	-18.35	28.14	54.00	-25.86	AVG			

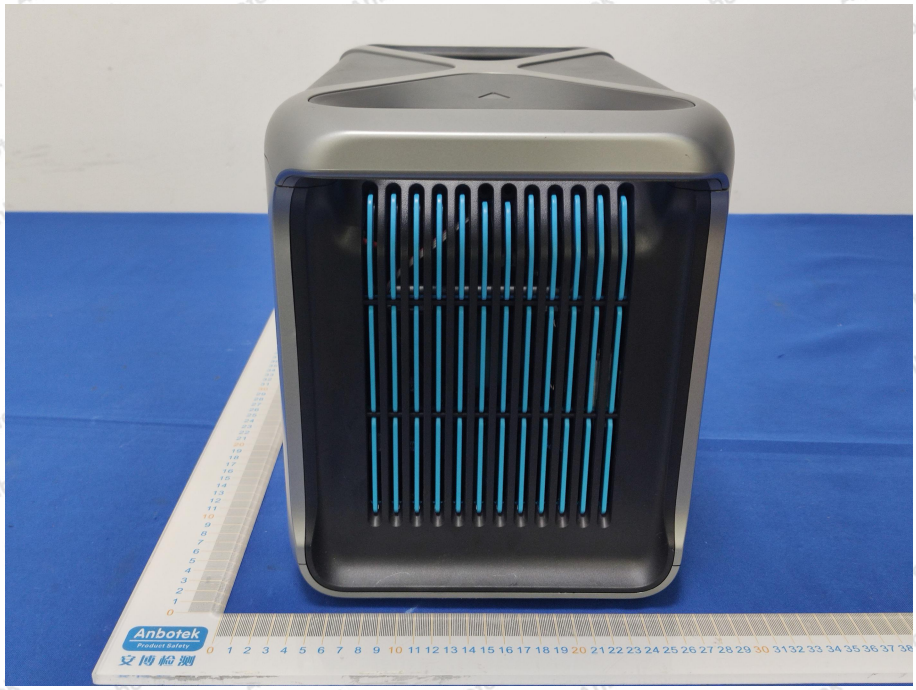
Note: Result= Reading + Factor Over Limit=Result-Limit

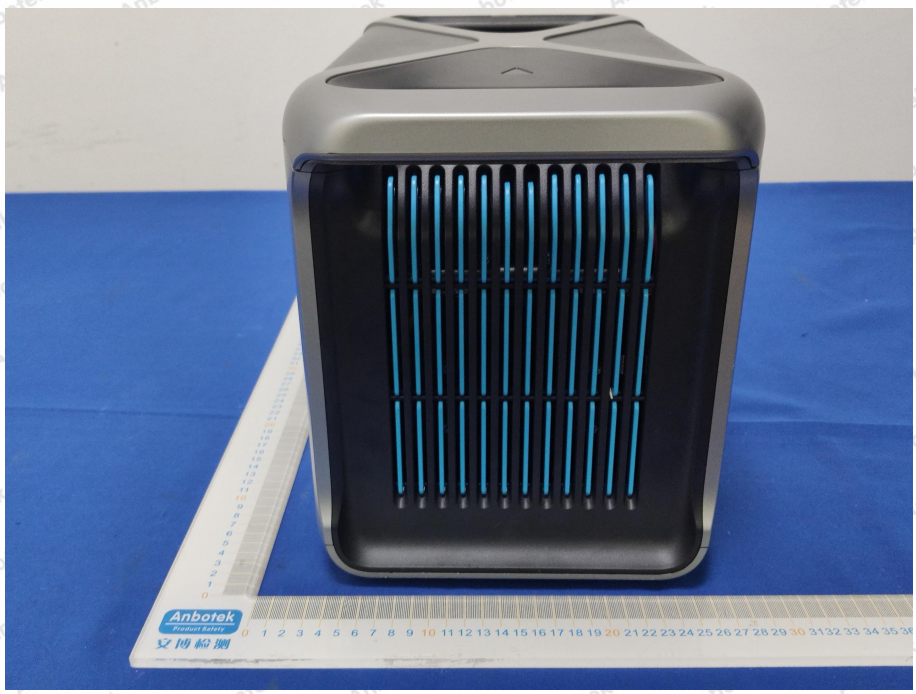
APPENDIX I -- TEST SETUP PHOTOGRAPH

Photo of Power Line Conducted Emission Test

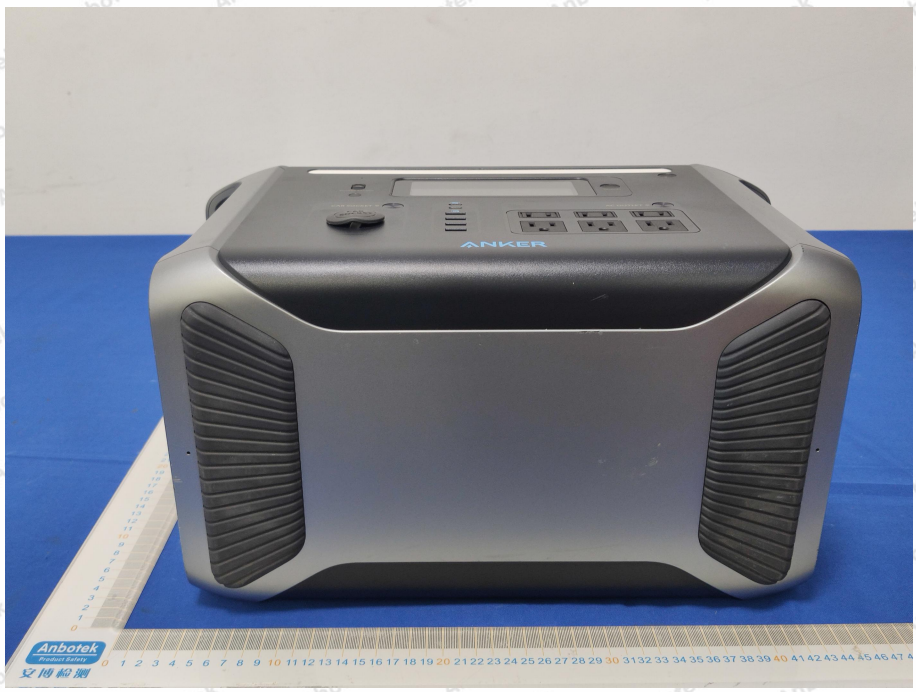
Photo of Radiated Emission Test (Below 1 GHz)

APPENDIX II -- EXTERNAL PHOTOGRAPH






Anker SOLIX F1500 Portable Power Station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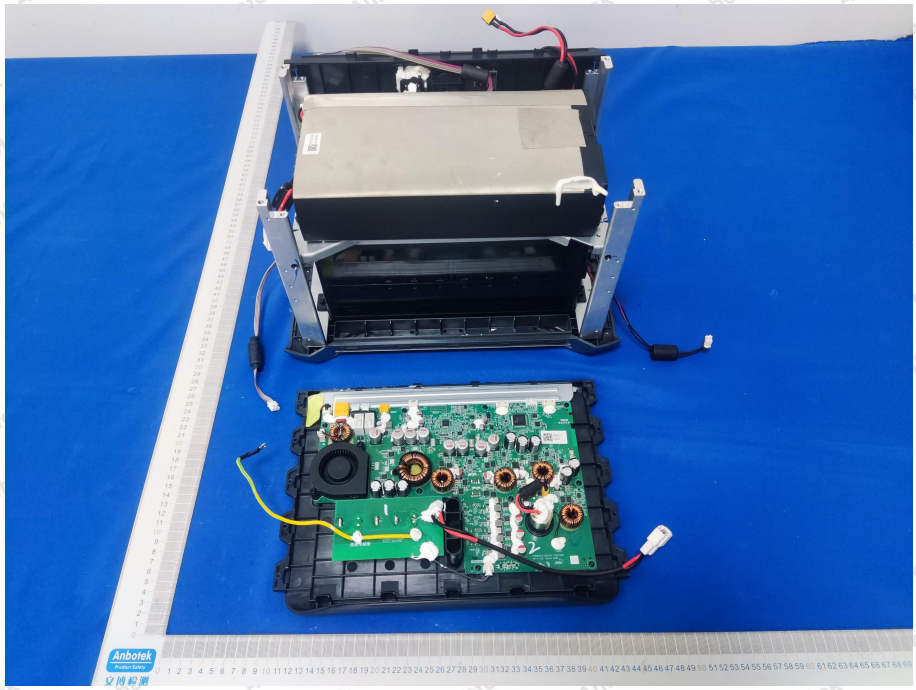
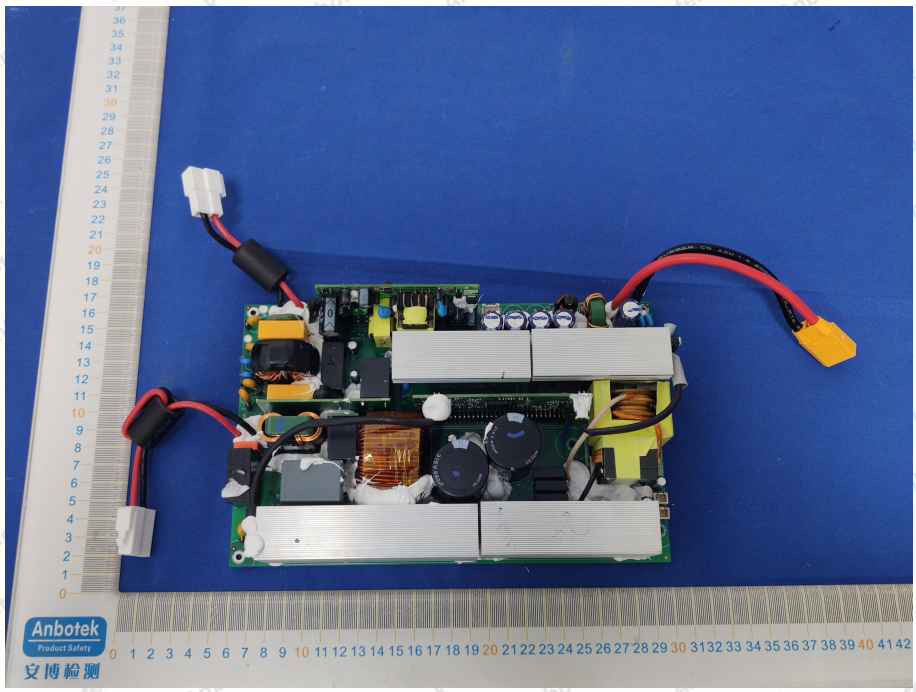
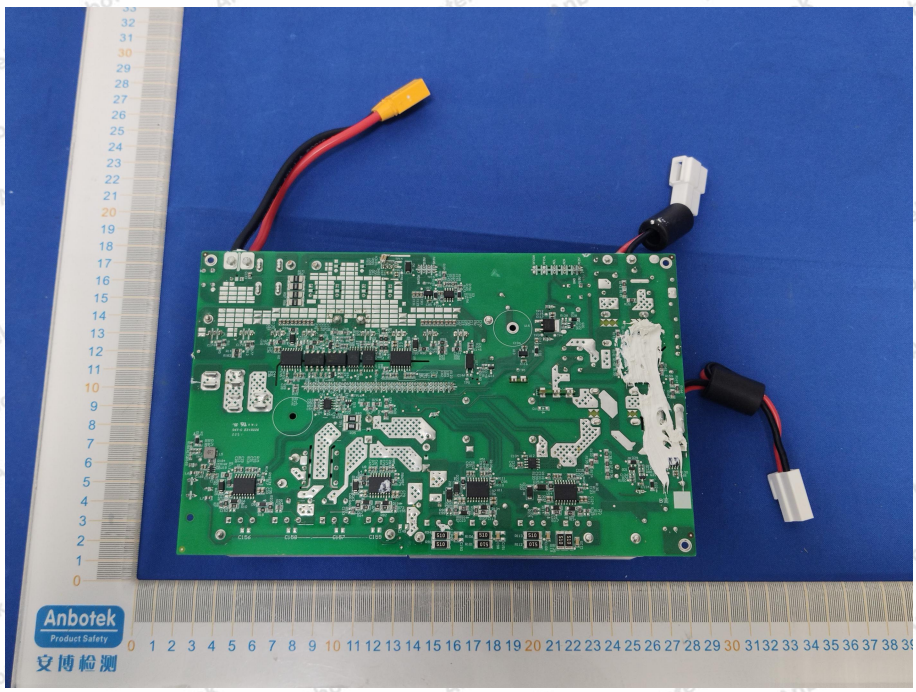
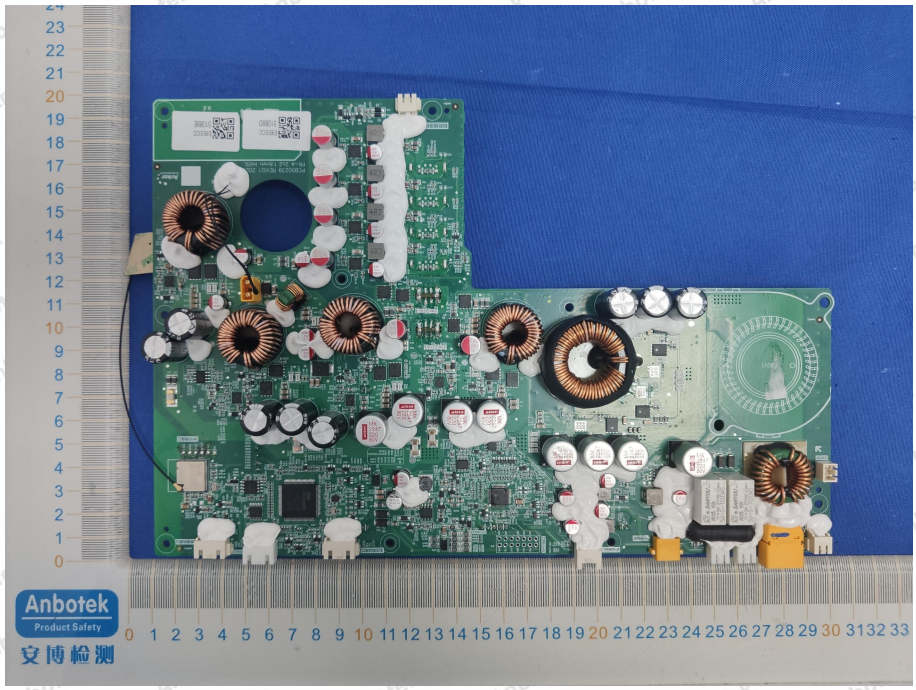
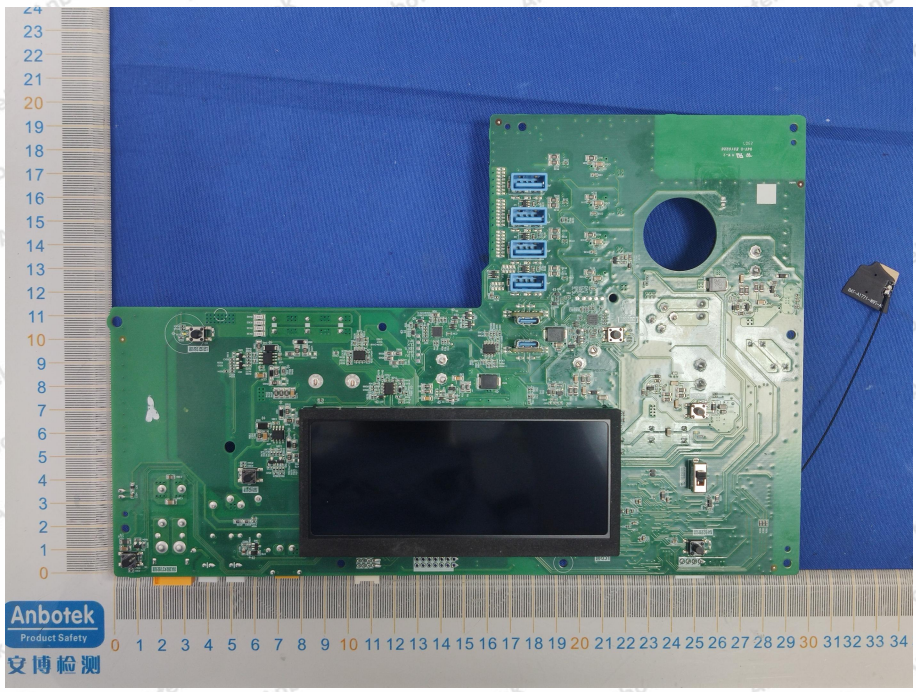
APPENDIX III -- INTERNAL PHOTOGRAPH

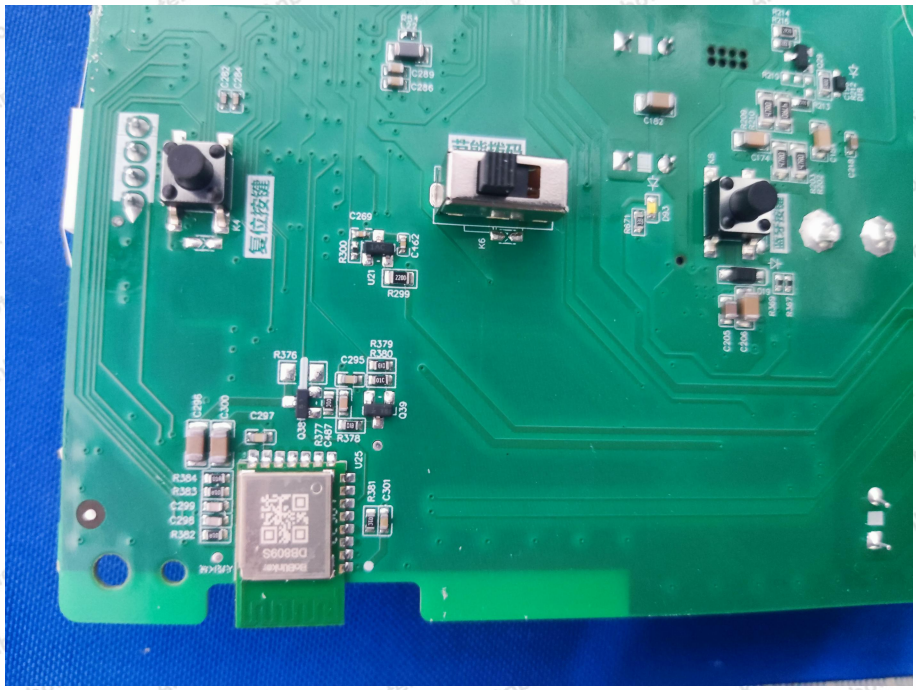


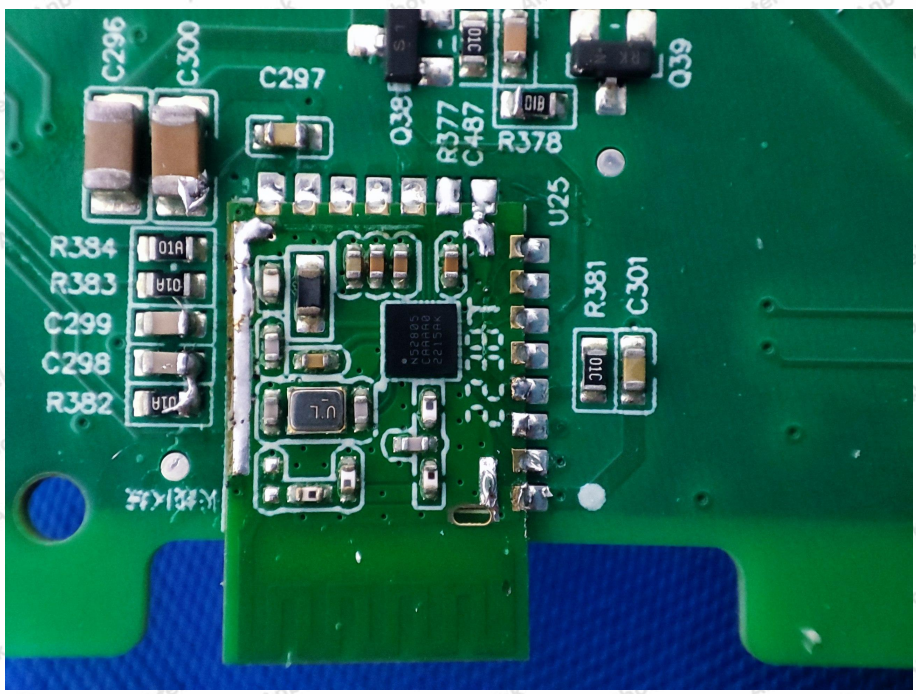












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