

Prüfbericht-Nr.: <i>Test report no.:</i>	CN24XZM2 001	Auftrags-Nr.: <i>Order no.:</i>	170384220	Seite 1 von 17 Page 1 of 17
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2024-07-26	
Auftraggeber: <i>Client:</i>	Shanghai Gotion New Energy Co., Ltd. Building 26, No.1387 Zhangdong Rd., Shanghai, P.R. China			
Prüfgegenstand: <i>Test item:</i>	Portable Power Station Go 300			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	Go 300			
Auftrags-Inhalt: <i>Order content:</i>	Test Report			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.209 CFR47 FCC Part 15: Subpart C Section 15.215 CFR47 FCC Part 15: Subpart C Section 15.207			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2024-07-26	Please refer to Photo Document		
Prüfmuster-Nr.: <i>Test sample no.:</i>	170384220-001			
Prüfzeitraum: <i>Testing period:</i>	2023-05-18 - 2023-05-31			
Ort der Prüfung: <i>Place of testing:</i>	TÜV Rheinland (Guangdong) Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Guangdong) Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von: <i>tested by:</i>	<i>Amy Wang</i>	genehmigt von: <i>authorized by:</i>	<i>Sen Shu</i>	
Datum: <i>Date:</i>	2024-09-03	Ausstellungsdatum: <i>Issue date:</i>	2024-09-03	
Stellung / Position:	Sachverständige(r)/Expert	Stellung / Position:	Sachverständige(r)/Expert	
Sonstiges / <i>Other:</i>	FCC ID: 2A9IU-GO300			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
* Legend:	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

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Test report no.:

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Anmerkungen
Remarks

1	<p>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i></p>
2	<p>Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben.</p> <p><i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged.</i></p>
3	<p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p>
4	<p>Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.</p> <p><i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information on the resulting risk based of this decision rule please refer to ILAC G8:2019.</i></p>

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 99% BANDWIDTH

RESULT: Pass

5.1.3 20dB BANDWIDTH

RESULT: Pass

5.1.4 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.5 CONDUCTED EMISSION ON AC MAINS

RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of FCC Part 15C

Appendix B: Photographs of the Test Set-up

2 Test Sites

2.1 Test Facilities

KSIGN(Guangdong) Testing Co., Ltd

No.362, Huanguan Middle Road, Songyuansha Community, Guanhu Subdistrict, Longhua District, Shenzhen 518110, Guangdong, China

FCC Accreditation Designation No.: CN1328

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	Log Periodic Antenna	Schwarzbeck	VULB 9163	01230	2025-01-29
2	Pre-Amplifier	Schwarzbeck	BBV 9745	9745#129	2025-01-19
3	EMI Test Receiver	R&S	ESR	102525	2025-01-19
4	Horn Antenna	Schwarzbeck	BBHA 9120 D	2023	2025-01-19
5	Pre-Amplifier	EMCI	EMC051835SE	980662	2025-01-19
6	Color Signal Generator	Philips	PM5418	672926	2025-01-19
7	Broadcast Television Signal Generator	R&S	SFE100	141038	2025-01-19
8	Spectrum Analyzer	Keysight	N9020A	MY46471971	2025-01-19
9	Analog Signal Generator	Agilent	8648A	3847M00445	2025-01-19

Conducted emissions (AC power port)				
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
LISN	R&S	ENV432	1326.6105.02	2025-01-21
EMI Test Receiver	R&S	ESR	102524	2025-01-21
Manual RF Switch	JS TOYO	/	MSW-01/002	2025-01-21
ISN CAT6	Schwarzbeck	CAT5 8158	227	2025-01-21
Color Signal Generator	Philips	PM5418	672926	2025-01-21
Power Absorbing Clamp	R&S	MDS-21	100925	2025-01-22
TV Tuner	SUNLIGHT	ST5075	/	2024-12-12
Artificial power network	EVERFINE	LS-5	G657431CD14311 12	2025-01-21

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table:

Table 2: Measurement Uncertainty

Parameter	Uncertainty (k=2)
Occupied Channel Bandwidth	± 2.08 %
All emissions, radiated (9kHz to 30MHz)	± 4.56 dB
All emissions, radiated (30MHz to 1000MHz)	± 5.11 dB
Conducted Emission (150kHz to 30MHz)	±3.16 dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Guangdong) Co., Ltd. file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

KSIGN(Guangdong) Testing Co., Ltd. Test facility located at No.362, Huanguan Middle Road, Songyuansha Community, Guanhu Subdistrict, Longhua District, Shenzhen 518110, Guangdong, China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The Product is Portable Power Station for Class B MME products and with Wi-Fi, Bluetooth and wireless charging function.

According to above information, the EMC tests were performed on model **Go 300**.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

General Information of EUT	Value	
Kind of Equipment:	Portable Power Station Go 300	
Type Designation:	Go 300	
FCC ID:	2A9IU-GO300	
Power Supply:	Solar Input	DC 10-30V, 10 A, 200W Max
	USB-C Input/output Port	DC 5V/3A, DC 9V/3A, DC 12V/3A, DC 15V/3A, DC 20V/5A, DC 28V/5A, (140W Max)
	USB-C output Port	DC 5V/3A, DC 9V/3A, DC 12V/3A, DC 15V/3A, DC 20V/5A, DC 28V/5A, (140W Max)
	USB-A Port	DC 5V/3A, DC 9V/2A, DC 12V/1.5A,
	AC Outlet	AC 120V, 60Hz (300W Max)
	DC Port	DC 12-16V, 10A (160W Max)
	Wireless charge Output	5W, 7.5W, 10W, 15W
Battery:	Battery type: Lithium Iron Phosphate Rated capacity: 288Wh (19.2V 15Ah)	
Operating Temperature Range:	-10°C ~ +45 °C	
Technical Specification of WPT		
Frequency Range:	140KHz	
Type of Modulation:	PWM/ASK	
Antenna Type:	Inductance coil	

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wireless charging
- B. On, Wired Charging via Type C and USB port (Full load) + Wireless charging
- C. Off

Note: The battery level of the client device (xiaomi 10) was kept within 20%-80%, during which the device maintaining the maximum wireless output.

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form

- Operation Description

4 Test Set-up and Operation Modes

4.1 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.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5 & 6. All testing were performed according to the procedures in ANSI C63.10: 2013.

According to clause 3.1, all tests were performed on model Go 300 in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

List of auxiliary equipment					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Remark
1	GaN Power Adapter	/	PT1401U	/	/
2	Cement load	/	/	/	5.6Ω
3	Cement load	/	/	/	8Ω
4	Cement load	/	/	/	12Ω
5	Metal load	/	/	/	48Ω
6	Type-C charging cable	/	/	/	0.8m
7	Wireless charging tester fixture	SiLiYuan	SK-99899	/	5W, 7.5W, 10W, 15W

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 30MHz)

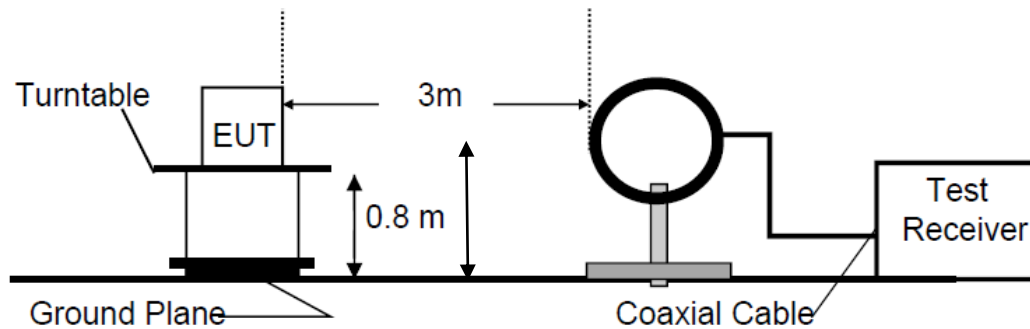


Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

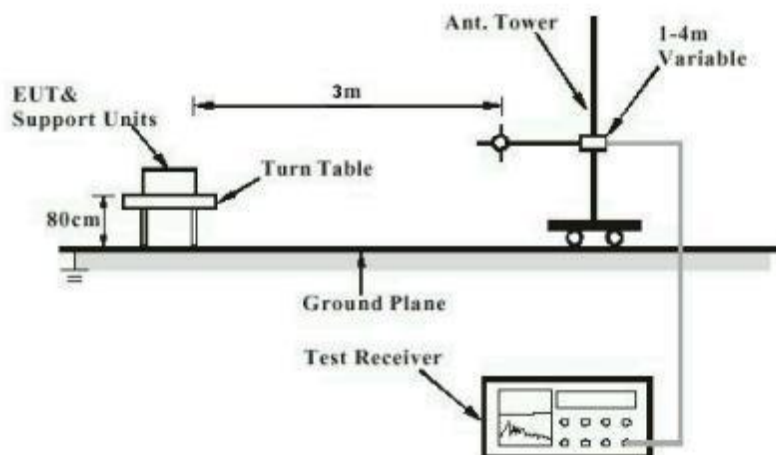
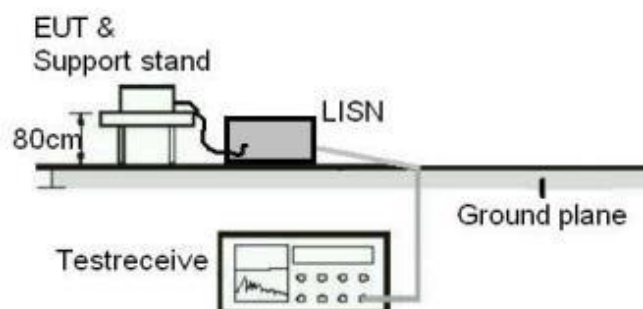


Diagram of Measurement Configuration for Mains Conduction Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard : Part 15.203

According to the manufacturer declared, the EUT has three internal 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.

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5.1.2 99% Bandwidth

RESULT:**Pass****Test Specification**Basic standard : ANSI C63.10: 2013
Kind of test site : Shielded Room**Test Setup**Date of testing : 2024-08-07
Input voltage : Power by battery
Operation mode : A
Ambient temperature : 23 °C
Relative humidity : 56 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

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5.1.3 20dB Bandwidth

RESULT:**Pass****Test Specification**

Test standard : FCC Part 15.215(c)
Basic standard : ANSI C63.10: 2013
Kind of test site : Shielded Room

Test Setup

Date of testing : 2024-08-07
Input voltage : Power by battery
Operation mode : A
Ambient temperature : 23 °C
Relative humidity : 56 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

5.1.4 Radiated Spurious Emission

RESULT:**Pass****Test Specification**

Test standard	FCC Part 15.209 & 15.205
Basic standard	ANSI C63.10: 2013
Limits	Refer to 15.209(a)
Kind of test site	3m Semi-anechoic Chamber

Test Setup

Date of testing	2024-08-27
Input voltage	Power by battery
Operation mode	A
Ambient temperature	23 °C
Relative humidity	56 %
Atmospheric pressure	101 kPa

For the measurement records, refer to the appendix A.

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5.1.5 Conducted Emission on AC Mains

RESULT:**Pass****Test Specification**

Test standard : FCC Part 15.207
Basic standard : ANSI C63.10: 2013
Frequency range : 150KHz - 30MHz
Limits : FCC Part 15.207(a)
Kind of test site : Shielded Room

Test Setup

Date of testing : 2024-08-02
Input voltage : AC 120V, 60Hz
Operation mode : B
Earthing : Not connected
Ambient temperature : 23.2 °C
Relative humidity : 50.6 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

6 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix B.

7 List of Tables

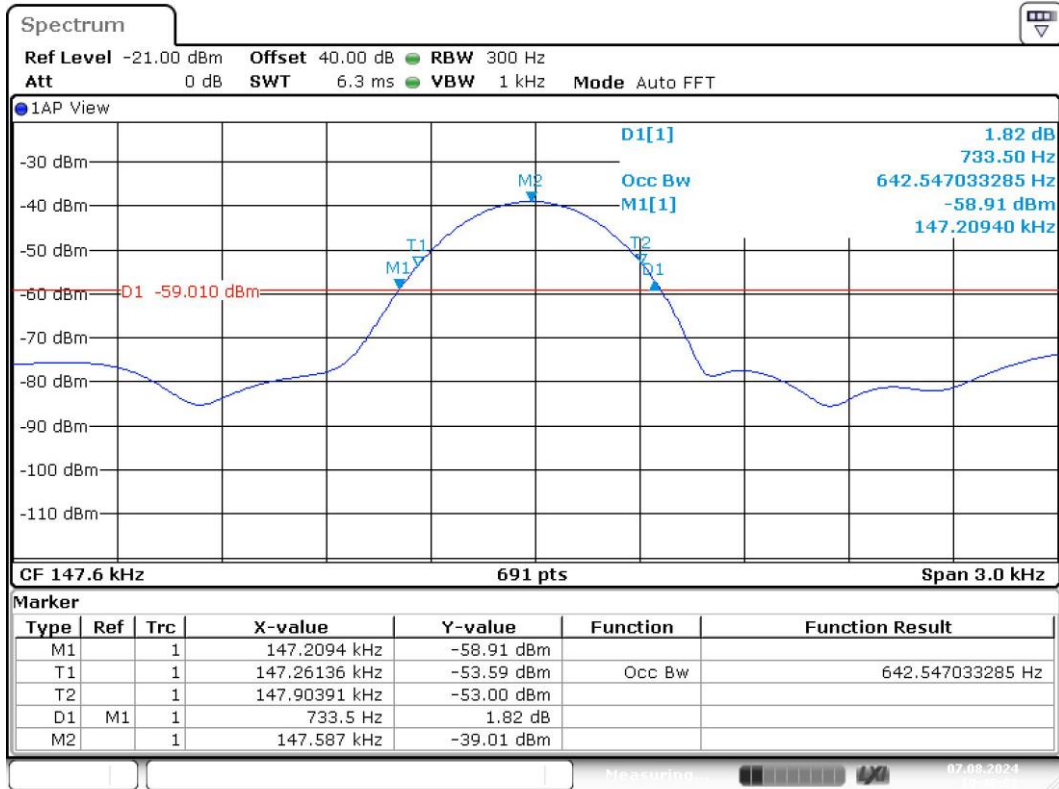
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Appendix A: Test Results of FCC Part 15C

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Appendix A.1: Test Results of 20dB Bandwidth and 99% Bandwidth

20dB Bandwidth: 733.5Hz
99% Bandwidth: 642.5Hz



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Appendix A.2: Test Results of Radiated Spurious Emission

Note: The highest waveform in the figure is Fundamental.
9kHz - 30MHz

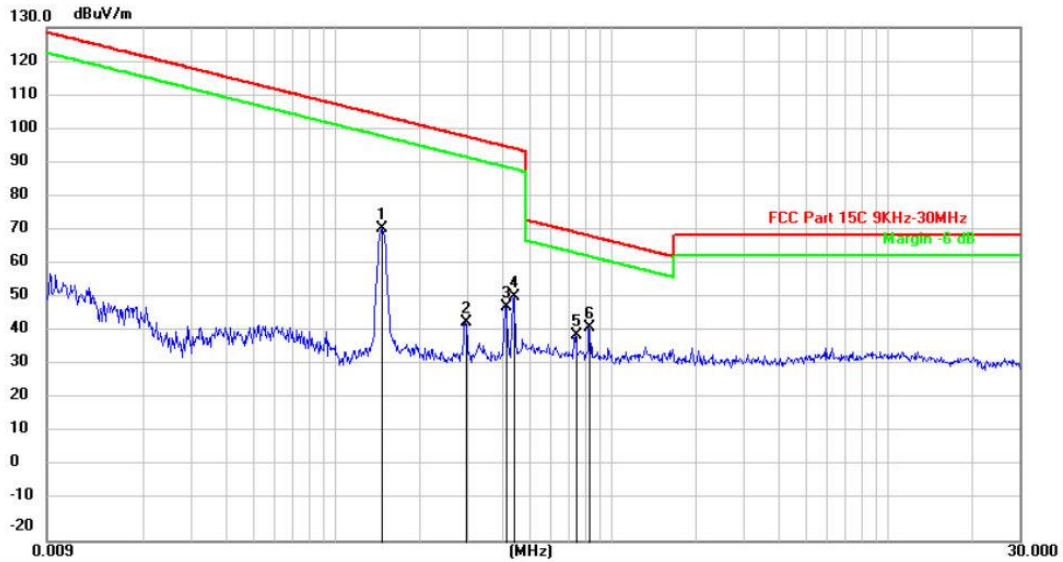


Company: KSIGN(Guangdong) Testing Co., Ltd
Address: Building C, Zone A Jiujiu Industrial Park, Minzhu Village,
Xihuan Road, Shajing Street, Bao'an District, Shenzhen, China

Site: 966 Chamber
Tel: 0755-29852678
Web: www.gdksign.com

Radiated Emission Measurement

File :KS2407S2941E	Date: 2024/07/23	Time: 9:16:05
Site 966 Chamber	Polarization: X	Temperature: 25.6
Limit: FCC Part 15C 9KHz-30MHz	Power: AC120V/60Hz	Humidity: 52 %
EUT: Portable Energy Storage	Distance: 3m	
M/N: GO300		
Mode: Wireless Charge(Full Load)		
Note:		



No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		0.1476	76.28	-5.00	71.28	104.22	-32.94	peak
2		0.2958	48.92	-5.02	43.90	98.18	-54.28	peak
3		0.4143	53.36	-5.01	48.35	95.26	-46.91	peak
4		0.4425	56.39	-5.01	51.38	94.69	-43.31	peak
5		0.7376	44.66	-4.33	40.33	70.25	-29.92	peak
6	*	0.8296	46.52	-4.07	42.45	69.23	-26.78	peak

*:Maximum data x:Over limit !:over margin

(Reference Only)

Echo Cao

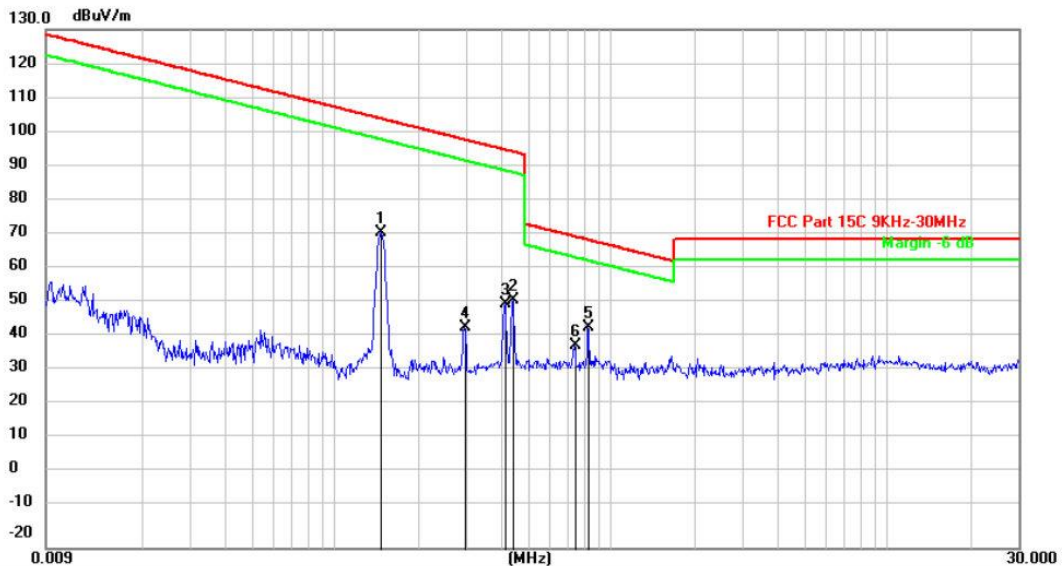


Company: KSIGN(Guangdong) Testing Co., Ltd
Address: Building C, Zone A Jiujiu Industrial Park, Minzhu Village,
Xihuan Road, Shajing Street, Bao'an District, Shenzhen, China

Site: 966 Chamber
Tel: 0755-29852678
Web: www.gdksign.com

Radiated Emission Measurement

File: KS2407S2941E Date: 2024/07/23 Time: 9:17:08
 Site: 966 Chamber Polarization: **Y** Temperature: 25.6
 Limit: FCC Part 15C 9KHz-30MHz Power: AC120V/60Hz Humidity: 52 %
 EUT: Portable Energy Storage Distance: 3m
 M/N: GO300
 Mode: Wireless Charge(Full Load)
 Note:



No.	Mk.	Freq. (MHz)	Reading Level (dBuV)	Correct Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		0.1476	76.16	-5.00	71.16	104.22	-33.06	peak
2		0.4428	56.81	-5.01	51.80	94.68	-42.88	peak
3		0.4143	55.56	-5.01	50.55	95.26	-44.71	peak
4		0.2953	49.01	-5.02	43.99	98.20	-54.21	peak
5	*	0.8284	47.95	-4.07	43.88	69.24	-25.36	peak
6		0.7381	42.99	-4.33	38.66	70.24	-31.58	peak

*:Maximum data x:Over limit !:over margin

(Reference Only)

Echo Guo

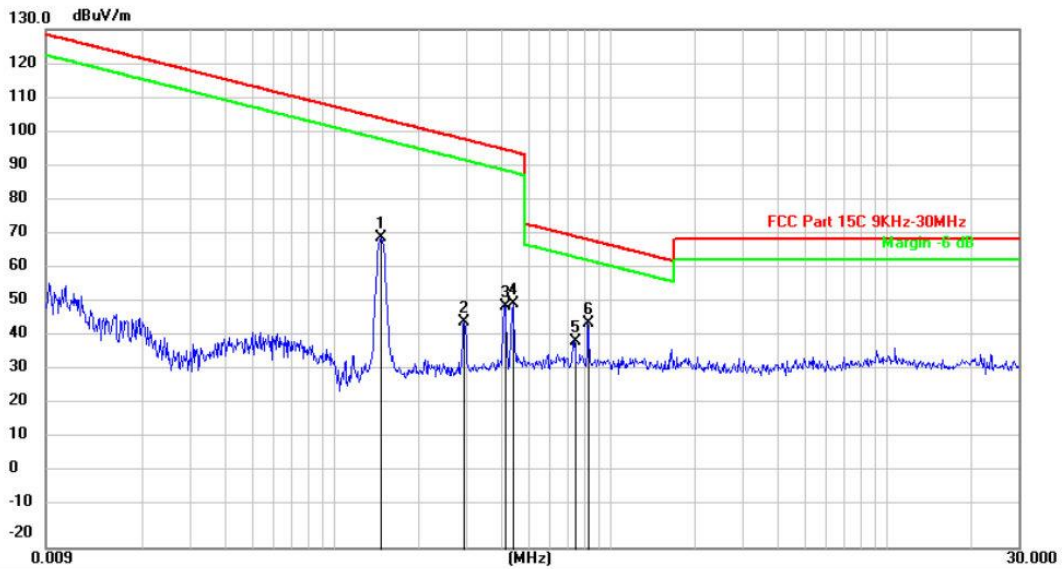


Company: KSIGN(Guangdong) Testing Co., Ltd
Address: Building C, Zone A Jiujiu Industrial Park, Minzhu Village,
Xihuan Road, Shajing Street, Bao'an District, Shenzhen, China

Site: 966 Chamber
Tel: 0755-29852678
Web: www.gdksign.com

Radiated Emission Measurement

File: KS2407S2941E Date: 2024/07/23 Time: 9:18:00
 Site: 966 Chamber Polarization: **Z** Temperature: 25.6
 Limit: FCC Part 15C 9KHz-30MHz Power: AC120V/60Hz Humidity: 52 %
 EUT: Portable Energy Storage Distance: 3m
 M/N: GO300
 Mode: Wireless Charge(Full Load)
 Note:



No.	Mk.	Freq. (MHz)	Reading Level (dBuV)	Correct Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		0.1476	74.82	-5.00	69.82	104.22	-34.40	peak
2		0.2944	50.56	-5.02	45.54	98.23	-52.69	peak
3		0.4143	54.91	-5.01	49.90	95.26	-45.36	peak
4		0.4421	55.58	-5.01	50.57	94.69	-44.12	peak
5		0.7370	44.30	-4.33	39.97	70.25	-30.28	peak
6	*	0.8290	49.14	-4.07	45.07	69.23	-24.16	peak

*:Maximum data x:Over limit !:over margin

(Reference Only)

Echo Guo

30MHz - 1GHz

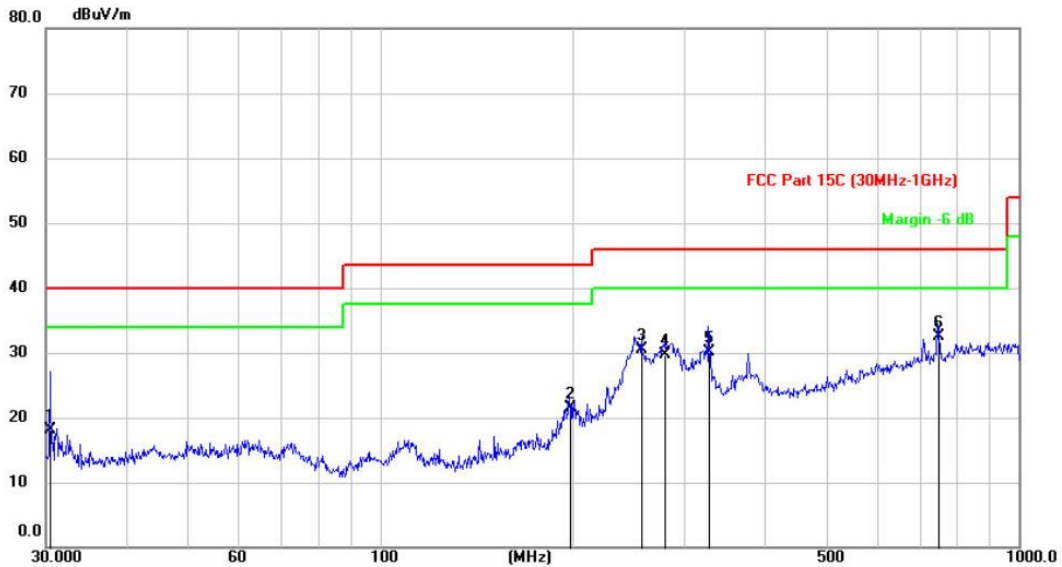


Company: KSIGN(Guangdong) Testing Co., Ltd
Address: Building C, Zone A Jiujiu Industrial Park, Minzhu Village,
Xihuan Road, Shajing Street, Bao'an District, Shenzhen, China

Site: 966 Chamber
Tel: 0755-29852678
Web: www.gdksign.com

Radiated Emission Measurement

File: KS2407S2941E 30M-1G Date: 2024/08/27 Time: 10:04:33
 Site: 966 Chamber Polarization: **Horizontal** Temperature: 25.9
 Limit: FCC Part 15C (30MHz-1GHz) Power: AC120V/60Hz Humidity: 61 %
 EUT: Portable Energy Storage Distance: 3m
 M/N: GO300
 Mode: Wireless Charge(Full load)
 Note:



No.	Mk.	Freq. MHz	Reading Level (dBuV)	Correct Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		30.4557	30.13	-11.94	18.19	40.00	-21.81	QP
2		198.1705	33.10	-11.50	21.60	43.50	-21.90	QP
3		257.0613	40.52	-10.00	30.52	46.00	-15.48	QP
4		279.0436	38.80	-9.14	29.66	46.00	-16.34	QP
5		327.6574	37.08	-6.89	30.19	46.00	-15.81	QP
6	*	749.8452	30.14	2.41	32.55	46.00	-13.45	QP

*:Maximum data x:Over limit !:over margin

(Reference Only)

Echo Cao

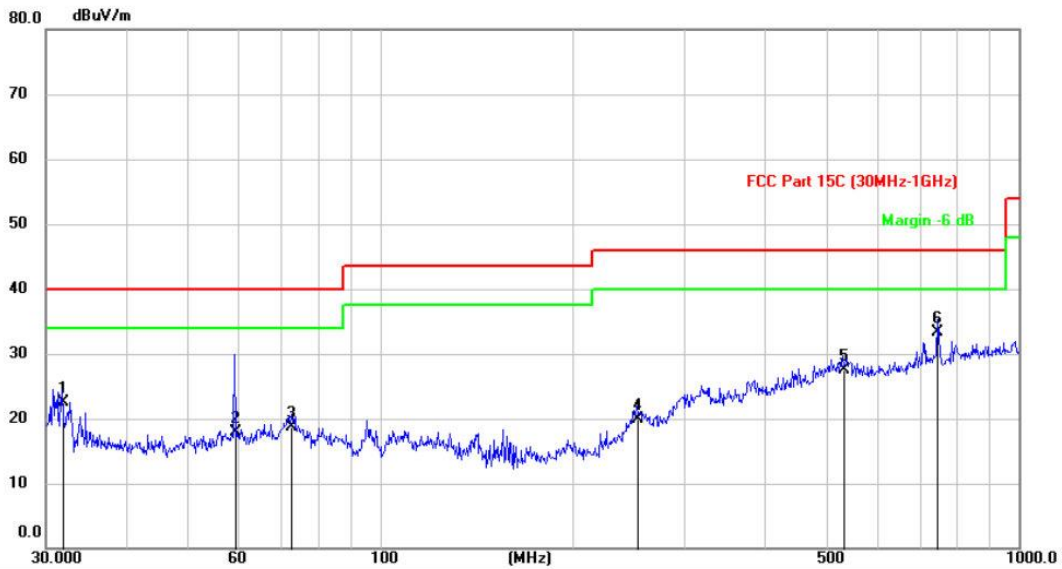


Company: KSIGN(Guangdong) Testing Co., Ltd
Address: Building C, Zone A Jiujiu Industrial Park, Minzhu Village,
Xihuan Road, Shajing Street, Bao'an District, Shenzhen, China

Site: 966 Chamber
Tel: 0755-29852678
Web: www.gdkesign.com

Radiated Emission Measurement

File: KS2407S2941E 30M-1G Date: 2024/08/27 Time: 10:06:00
 Site: 966 Chamber Polarization: **Vertical** Temperature: 25.9
 Limit: FCC Part 15C (30MHz-1GHz) Power: AC120V/60Hz Humidity: 61 %
 EUT: Portable Energy Storage Distance: 3m
 M/N: GO300
 Mode: Wireless Charge(Full load)
 Note:



No.	Mk.	Freq. (MHz)	Reading Level (dBuV)	Correct Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
1		31.8538	34.72	-12.19	22.53	40.00	-17.47	QP
2		59.2532	27.85	-9.90	17.95	40.00	-22.05	QP
3		72.7699	31.86	-13.16	18.70	40.00	-21.30	QP
4		252.3280	30.01	-10.03	19.98	46.00	-26.02	QP
5		530.4732	28.74	-1.14	27.60	46.00	-18.40	QP
6	*	746.6966	30.76	2.48	33.24	46.00	-12.76	QP

*:Maximum data x:Over limit !:over margin

(Reference Only)

Echo Guo

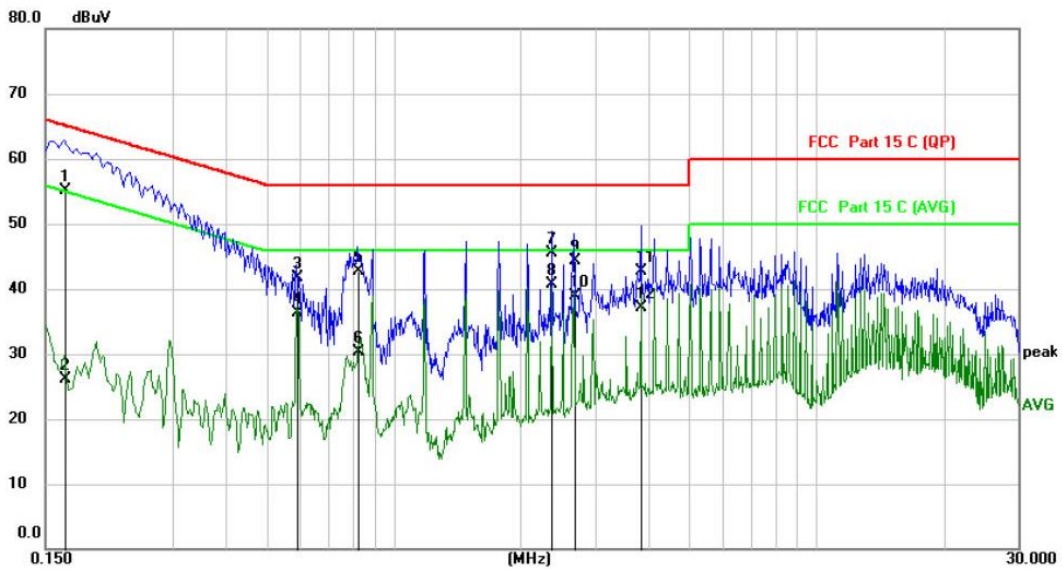
Appendix A.3: Test Results of Conducted Emission on AC Mains

KSIGN Company:KSIGN(Guangdong) Testing Co., Ltd
Address:Building C, Zone A Jiujiu Industrial Park, Minzhu Village, Xihuan Road,
Shajing Street, Bao'an District,Shenzhen,China

Site: 854 Shield Room
Tel: 0755-29852678
Web: www.gdksign.com

Conducted Emission Measurement

File :KS2407S2941E Date: 2024.8.2 Time: 9:59:55
Limit: FCC Part 15 C (QP) Phase: **L1** Temperature: 27.2
EUT: Portable Energy Storage Power: AC 120 V/60 Hz Humidity: 58 %
M/N: GO300
Mode:
Note: Charging+Wireless charge(Full Load)



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.1660	33.75	21.43	55.18	65.16	-9.98	QP	
2	0.1660	4.67	21.43	26.10	55.16	-29.06	AVG	
3	0.5899	20.46	21.33	41.79	56.00	-14.21	QP	
4	0.5899	14.92	21.33	36.25	46.00	-9.75	AVG	
5	0.8260	21.40	21.39	42.79	56.00	-13.21	QP	
6	0.8260	8.82	21.39	30.21	46.00	-15.79	AVG	
7	2.3699	24.00	21.58	45.58	56.00	-10.42	QP	
8 *	2.3699	19.09	21.58	40.67	46.00	-5.33	AVG	
9	2.6660	22.70	21.60	44.30	56.00	-11.70	QP	
10	2.6660	17.32	21.60	38.92	46.00	-7.08	AVG	
11	3.8500	20.96	21.74	42.70	56.00	-13.30	QP	
12	3.8500	15.32	21.74	37.06	46.00	-8.94	AVG	

*:Maximum data x:Over limit !:over margin

<Reference Only

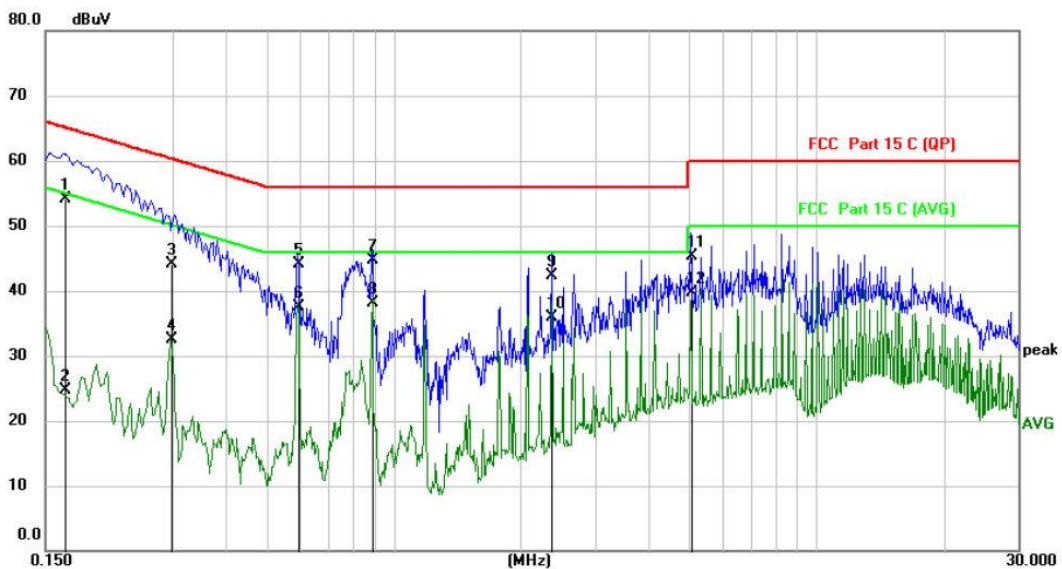


Company: KSIGN(Guangdong) Testing Co., Ltd
Address: Building C, Zone A Jiujiu Industrial Park, Minzhu Village, Xihuan Road,
Shajing Street, Bao'an District, Shenzhen, China

Site: 854 Shield Room
Tel: 0755-29852678
Web: www.gdksign.com

Conducted Emission Measurement

File: KS2407S2941E Date: 2024.8.2 Time: 10:06:08
Limit: FCC Part 15 C (QP) Phase: **N** Temperature: 27.2
EUT: Portable Energy Storage Power: AC 120 V/60 Hz Humidity: 58 %
M/N: GO300
Mode:
Note: Charging+Wireless charge(Full Load)



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV	Limit dBuV	Over dB	Detector	Comment
1	0.1660	32.57	21.44	54.01	65.16	-11.15	QP	
2	0.1660	3.30	21.44	24.74	55.16	-30.42	AVG	
3	0.2980	22.68	21.35	44.03	60.30	-16.27	QP	
4	0.2980	11.07	21.35	32.42	50.30	-17.88	AVG	
5	0.5940	22.68	21.34	44.02	56.00	-11.98	QP	
6	0.5940	16.24	21.34	37.58	46.00	-8.42	AVG	
7	0.8900	23.24	21.41	44.65	56.00	-11.35	QP	
8 *	0.8900	16.75	21.41	38.16	46.00	-7.84	AVG	
9	2.3699	20.77	21.56	42.33	56.00	-13.67	QP	
10	2.3699	14.37	21.56	35.93	46.00	-10.07	AVG	
11	5.0420	23.50	21.85	45.35	60.00	-14.65	QP	
12	5.0420	17.77	21.85	39.62	50.00	-10.38	AVG	

*:Maximum data x:Over limit !:over margin

(Reference Only)