

Prüfbericht-Nr.: Test report no.:	CN23AMIA 001	Auftrags-Nr.: Order no.:	168425712	Seite 1 von 17 Page 1 of 17
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2023-05-08	
Auftraggeber: Client:	NanJing CukTech Electronics Technology Co., Ltd. 16F Building A1, Huizhi Technology Park, No. 8 Hengtai Road, Nanjing Economic and Technological Development Zone, Nanjing, Jiangsu, P.R. China			
Prüfgegenstand: Test item:	CUKTECH Power Bank P+Series 40000mAh 300W			
Bezeichnung / Typ-Nr.: Identification / Type no.:	P01CT			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	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: Date of sample receipt:	2023-05-08	Please refer to Photo Document		
Prüfmuster-Nr.: Test sample no.:	A003470541-001~002			
Prüfzeitraum: Testing period:	2023-05-18 - 2023-05-31			
Ort der Prüfung: Place of testing:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:			genehmigt von: authorized by:	
Datum: Date:	2023-07-07	Ausstellungsdatum: Issue date:		2023-07-07
Stellung / Position:	Sachverständige(r)/Expert	Stellung / Position:		Sachverständige(r)/Expert
Sonstiges / Other:	FCC ID: 2BA5V-P01CT			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* 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. 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.				

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Anmerkungen
Remarks

1	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. <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>
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3	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. <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>
4	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. <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 to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

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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

TÜV Rheinland (Shenzhen) Co., Ltd.

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

FCC Accreditation Designation No.: CN1260

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Radio Spectrum Testing (TS8997)				
Equipment	Manufacturer	Model	Serial No.	Cal. until
Signal Analyzer	R&S	FSV 40	101441	2023-08-01
OSP	R&S	OSP 150	101017	2023-11-21
Control PC	DELL	OptiPlex 7050	FTJZ9P2	N/A
Test Software	R&S	WMS32 (V11.00.00)	N/A	N/A
Power Meter	R&S	NRP2	107105	2023-11-21
Wideband Power Sensor	R&S	NRP-Z81	105677	2023-08-01
Shielding Room 8#	Albatross	SR8	APC17151-SR8	2024-06-22
Unwanted Emission Testing (TS9975)				
Equipment	Manufacturer	Model	Serial No.	Cal. until
EMI Test Receiver	R&S	ESR 7	102021	2023-08-02
Signal Analyzer	R&S	FSV 40	101439	2023-08-01
System Controller Interface	R&S	SCI-100	S10010038	N/A
Filterbank	R&S	Wlan	100759	2023-08-01
OSP	R&S	OSP 120	102040	N/A
Pre-amplifier	R&S	SCU08F1	08320031	2023-08-02
Amplifier	R&S	SCU-18F	180070	2023-08-02
Amplifier	R&S	SCU40A	100475	2023-08-02
Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	2024-08-06
Double-Ridged Antenna (1 -18 GHz)	ETS-LINDGREN	3117	00218717	2024-08-06
Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19067	2024-08-27
Active Loop Antenna	Schwarzbeck	FMZB 1513	302	2023-08-06
Test software	R&S	EMC32 (V10.60.10)	N/A	N/A
Control PC	Dell	OptiPlex 7050	36NV9P2	N/A
3m Semi-Anechoic Chamber	Albatross	SAC-3m	APC17151-SAC	2024-06-22

Conducted Emission				
Description	Manufacturer	Model	Serial No.	Cal. Until
EMI Test Receiver	R&S	ESR3	102680	2024-02-23
Artificial Mains Network	R&S	ENV216	101445	2024-02-23
EMC32 test software	R&S	EMC32(Ver.10.50.00)	N/A	N/A

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	$\pm 2.08 \%$
All emissions, radiated	$\pm 4.17 \text{ dB}$
Conducted Emission, (9kHz to 150kHz)/(150kHz to 30MHz)	$\pm 3.70 \text{ dB} / \pm 3.30 \text{ dB}$

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 (Shenzhen) Co., Ltd. file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) 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 Power Bank, which supports wireless charging (WPT) function.

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:	CUKTECH Power Bank P+Series 40000mAh 300W
Type Designation:	P01CT
FCC ID:	2BA5V-P01CT
Power Supply:	INPUT (TYPE-C1) DC 5V/3A 9V/3A 12V/3A 20V5A INPUT (TYPE-C2) DC 5V/3A 9V/3A 12V/3A 20V5A 28V/5A OUT1 (USB-A1) DC 5V/3A 9V/2.23A 12V/1.67A 10V/2.25A 22.5W MAX OUT2 (USB-C1) DC 5V/3A 9V/3A 12V/3A 15V/3A 20V/5A 100W MAX OUT3 (USB-C2) DC 5V/3A 9V/3A 12V/3A 15V/3A 20V/5A 28C/5A140W MAX OUT4 (USB-A2) DC 5V/3A 9V/3A 12V/3A 15V/3A 20V/6A 120W MAX FOUR PORT OUTPUT DC 5V/6A (OUT1 1.5V/1.5A, OUT2 5V/1.5A, OUT3 5V/1.5A, OUT4 5V/1.5A) DC 9V/6A (OUT1 9.0V/1.5A, OUT2 9.0V/1.5A, OUT3 9.0V/1.5A, OUT4 9.0V/1.5A) DC 12V/6A (OUT1 12V/1.5A, OUT2 12V/1.5A, OUT3 12V/1.5A, OUT4 12V/1.5A) DC 15V/6A (OUT2 15V/2.0A, OUT3 15V/2.0A, OUT4 15V/2.0A) DC 20V/15A (OUT2 20V/5.0A, OUT3 20V/5.0A, OUT4 20V/5.0A) WIRELESS OUTPUT 20W MAX
Battery:	Cell type: lithium-ion cell Cell capacity (rated/typical): 141Wh/144Wh 3.6V Rated capacity: 22,000mAh (5V/6A)
Operating Temperature Range:	5°C ~ +35 °C
Technical Specification of WPT	
Frequency Range:	115~205KHz
Type of Modulation:	FSK
Antenna Type:	Integral Antenna
Weight	1.12kg

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 EUT 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 P01CT in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Adapter	XIAOMI	AD652G	N/A	N/A
Mobile Phone 1#	HUAWEI	STK-AL00	N/A	N/A
Mobile Phone 2#	XIAOMI	Redmi K40	N/A	N/A
Mobile Phone 3#	SAMSUNG	Galaxy 23	N/A	N/A
Mobile Phone 4#	XIAOMI	Xiaomi10	N/A	N/A

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)

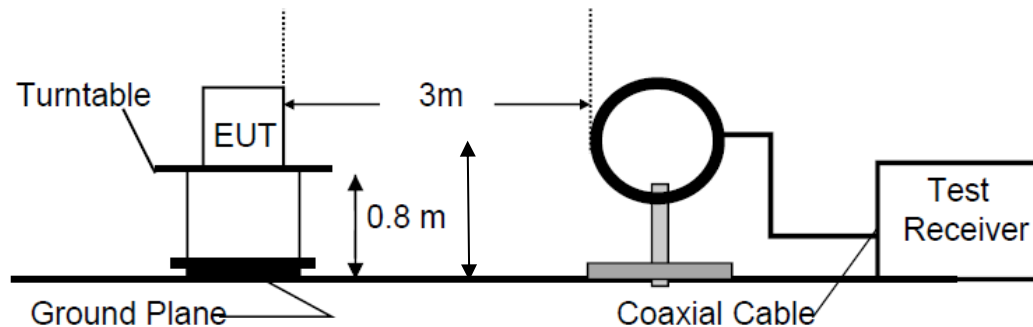


Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

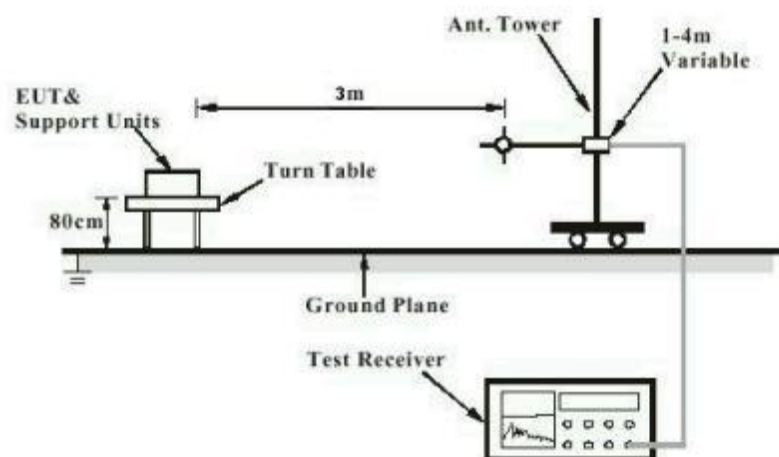
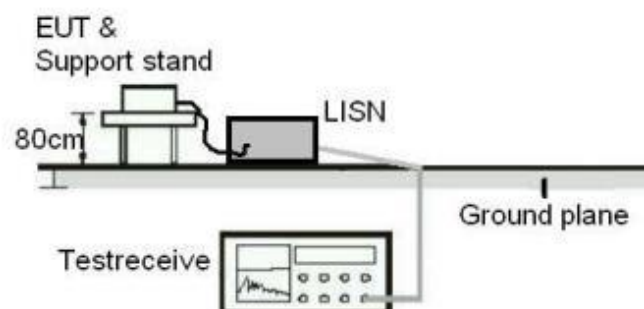


Diagram of Measurement Configuration for Mains Conduction Measurement



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 : 2023-05-18
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	: 2023-05-22
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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5.1.4 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	: 2023-05-18 to 2023-05-22
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	: 2023-05-31
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.

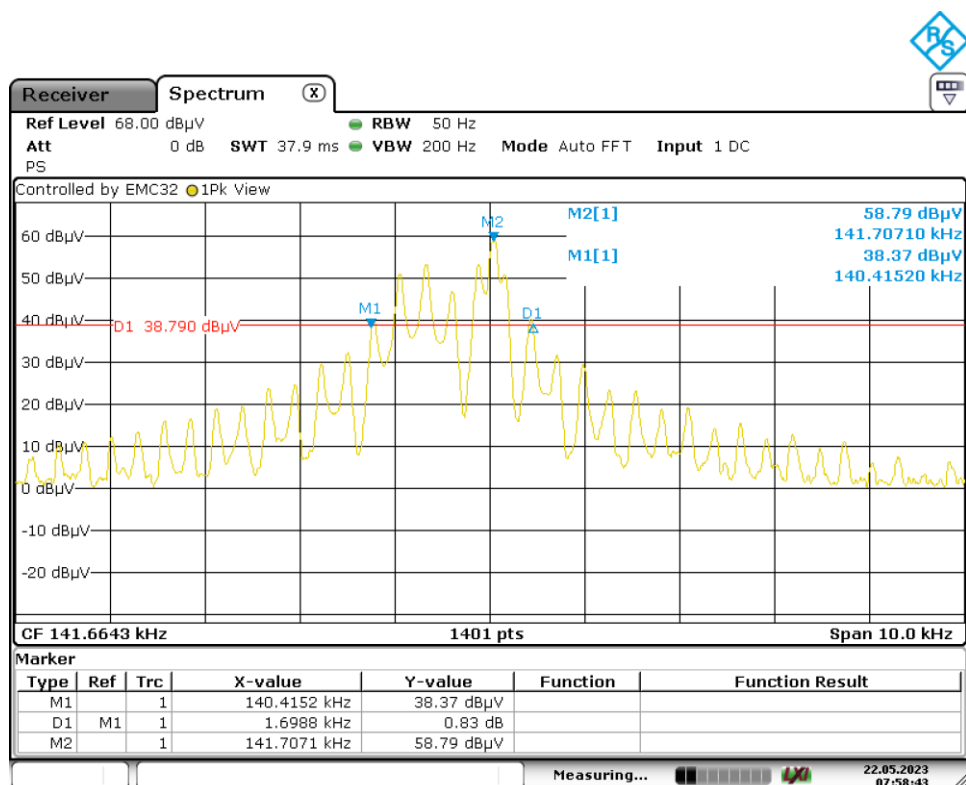
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Appendix A: Test Results of FCC Part 15C

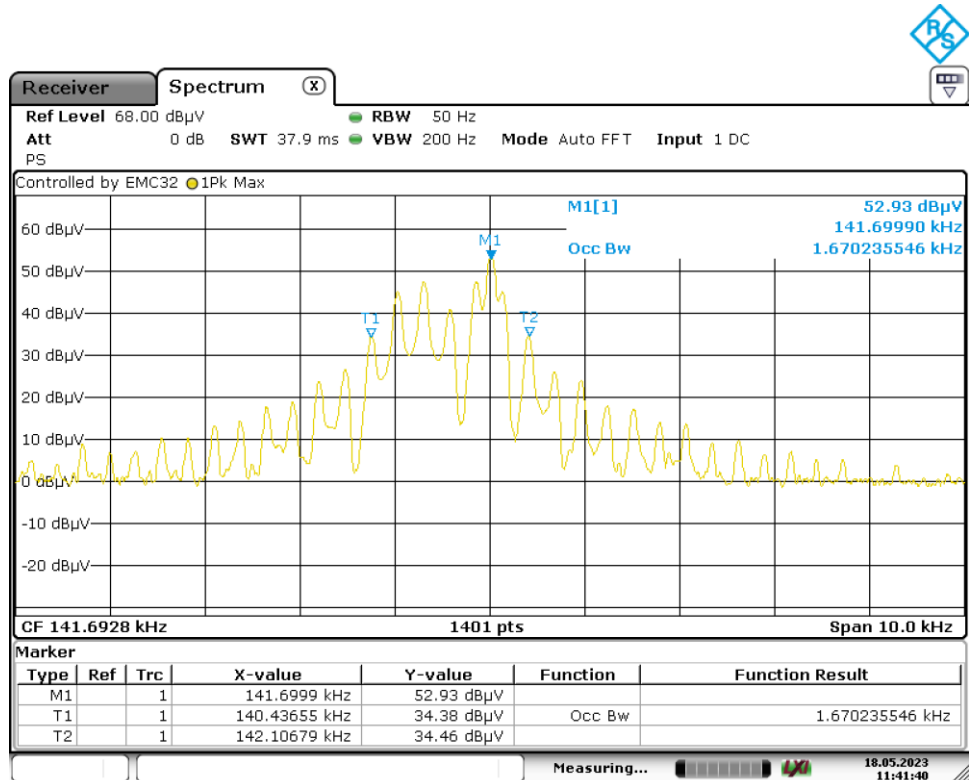
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Appendix A.1: Test Results of 20dB Bandwidth



Date: 22.MAY.2023 07:58:43

Appendix A.2: Test Results of 99% Bandwidth



Date: 18.MAY.2023 11:41:40

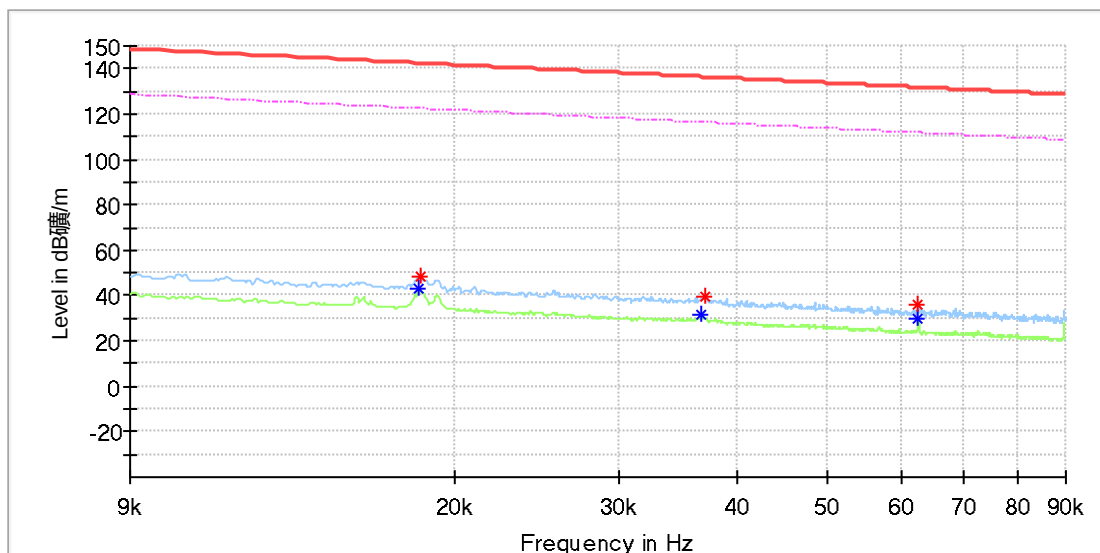
Appendix A.3: Test Results of Radiated Spurious Emission

Note: The highest waveform in the figure is Fundamental.

9kHz - 90kHz

EUT Information

EUT Name:	CUKTECH Power Bank P+Series 40000mAh 300W
Model:	P01CT
Test Mode:	Wireless charging
Order No/Sample No:	168425712/A003470541-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

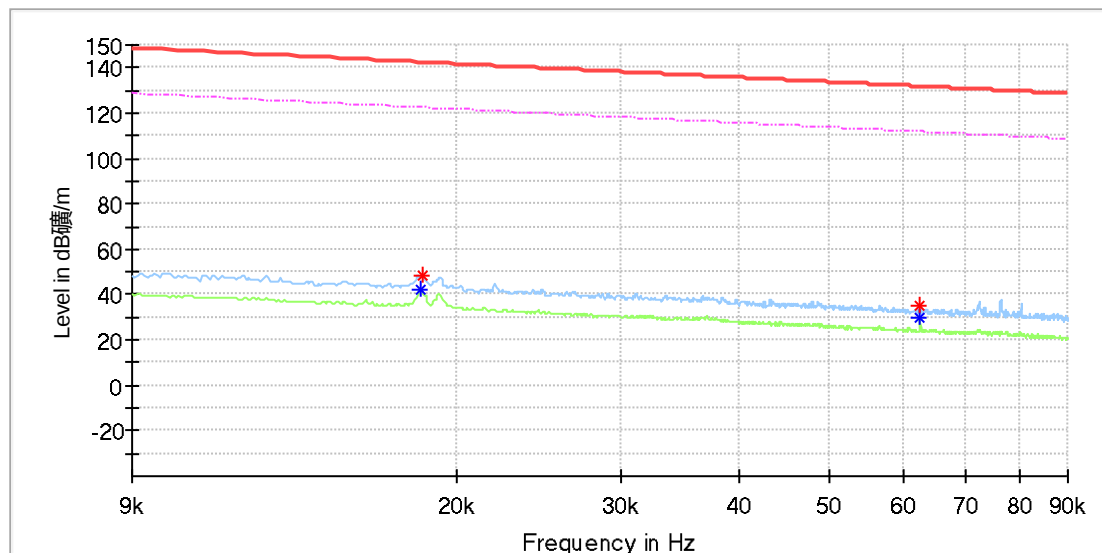


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.018315	---	42.82	122.33	79.52	100.0	X	325.0	20.0
0.018373	48.41	---	142.31	93.89	100.0	X	189.0	20.0
0.036656	---	31.19	116.31	85.12	100.0	X	99.0	20.0
0.037119	39.70	---	136.20	96.50	100.0	X	297.0	20.0
0.062576	36.10	---	131.67	95.57	100.0	X	153.0	20.0
0.062634	---	29.77	111.66	81.89	100.0	X	325.0	20.0

EUT Information

EUT Name: CUKTECH Power Bank P+Series 40000mAh 300W
Model: P01CT
Test Mode: Wireless charging
Order No/Sample No: 168425712/A003470541-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin

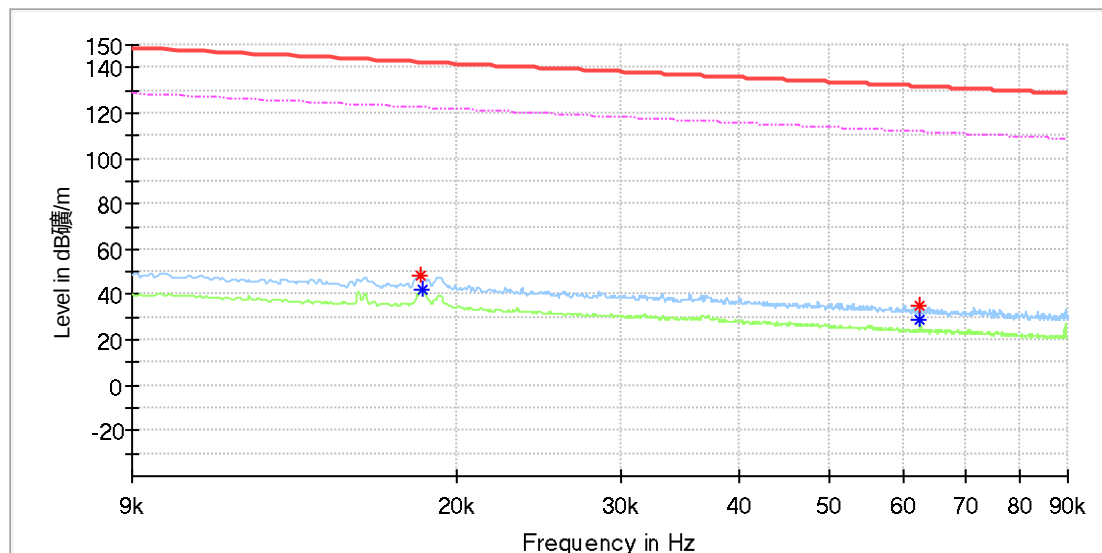


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.018315	---	42.46	122.33	79.88	100.0	Y	183.0	20.0
0.018373	48.23	---	142.31	94.08	100.0	Y	238.0	20.0
0.062576	35.08	---	131.67	96.59	100.0	Y	165.0	20.0
0.062576	---	29.59	111.67	82.08	100.0	Y	165.0	20.0

EUT Information

EUT Name:	CUKTECH Power Bank P+Series 40000mAh 300W
Model:	P01CT
Test Mode:	Wireless charging
Order No/Sample No:	168425712/A003470541-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



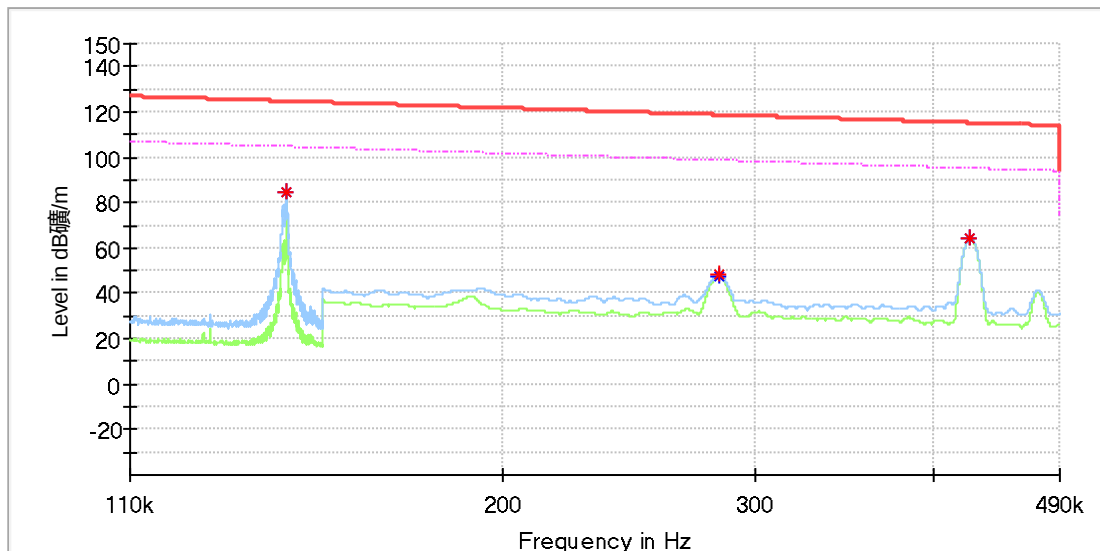
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.018315	47.99	---	142.33	94.34	100.0	Z	179.0	20.0
0.018373	---	42.39	122.31	79.91	100.0	Z	0.0	20.0
0.062576	---	29.31	111.67	82.35	100.0	Z	198.0	20.0
0.062634	35.46	---	131.66	96.20	100.0	Z	211.0	20.0

110KHz - 490KHz

EUT Information

EUT Name:	CUKTECH Power Bank P+Series 40000mAh 300W
Model:	P01CT
Test Mode:	Wireless charging
Order No/Sample No:	168425712/A003470541-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin

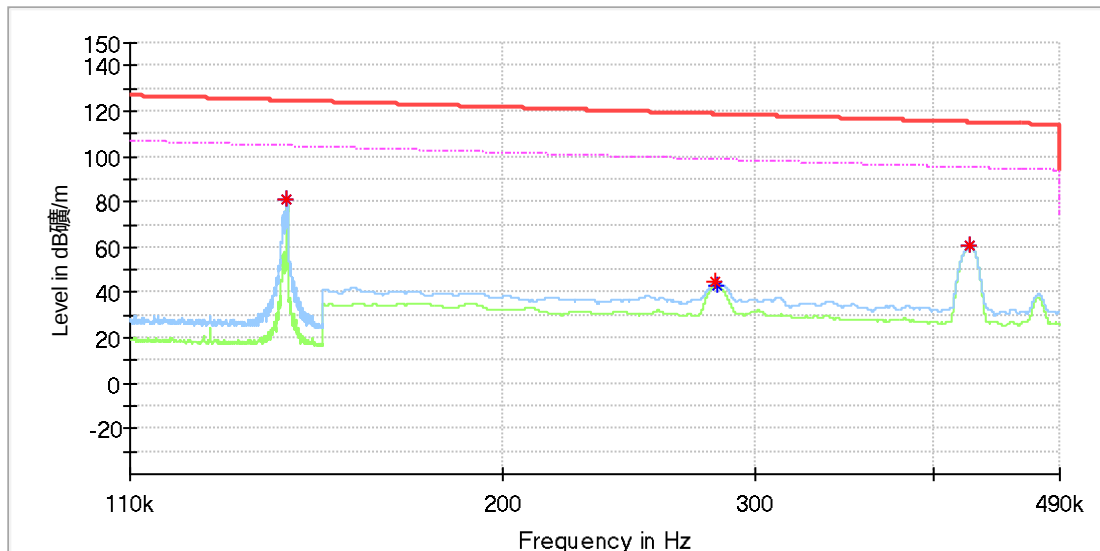


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.141486	84.71	---	124.58	39.87	100.0	X	268.0	20.0
0.141486	---	84.55	104.58	20.03	100.0	X	268.0	20.0
0.283050	---	47.37	98.56	51.20	100.0	X	309.0	20.0
0.283250	48.18	---	118.56	70.37	100.0	X	309.0	20.0
0.424450	64.46	---	115.05	50.59	100.0	X	268.0	20.0
0.424500	---	64.38	95.05	30.67	100.0	X	268.0	20.0

EUT Information

EUT Name: CUKTECH Power Bank P+Series 40000mAh 300W
Model: P01CT
Test Mode: Wireless charging
Order No/Sample No: 168425712/A003470541-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin

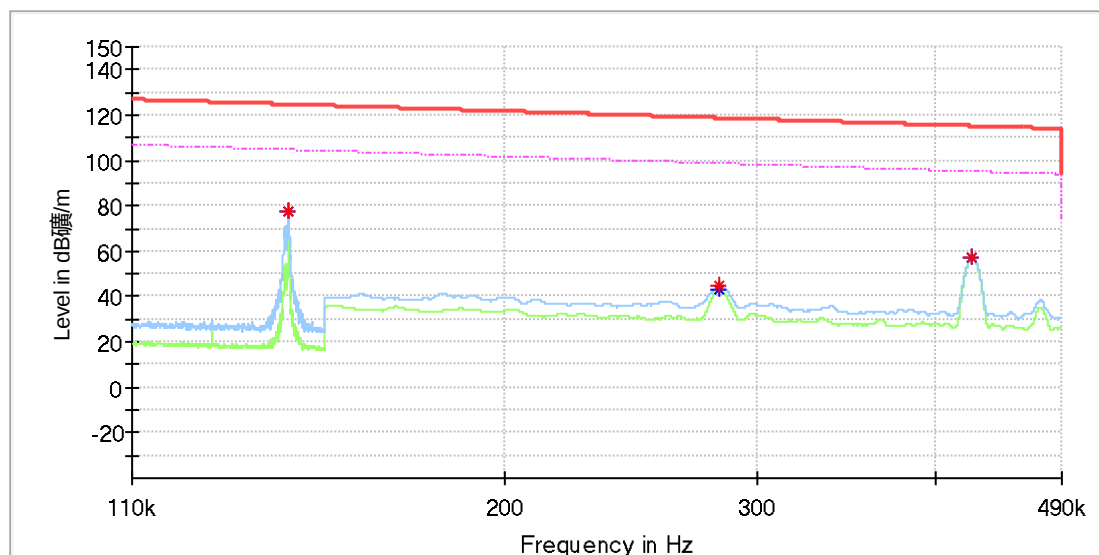


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.141457	81.16	---	124.59	43.43	100.0	Y	0.0	20.0
0.141486	---	81.00	104.58	23.59	100.0	Y	0.0	20.0
0.282000	44.44	---	118.60	74.16	100.0	Y	44.0	20.0
0.282950	---	42.70	98.57	55.87	100.0	Y	44.0	20.0
0.424450	60.82	---	115.05	54.23	100.0	Y	359.0	20.0
0.424450	---	60.57	95.05	34.47	100.0	Y	359.0	20.0

EUT Information

EUT Name:	CUKTECH Power Bank P+Series 40000mAh 300W
Model:	P01CT
Test Mode:	Wireless charging
Order No/Sample No:	168425712/A003470541-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



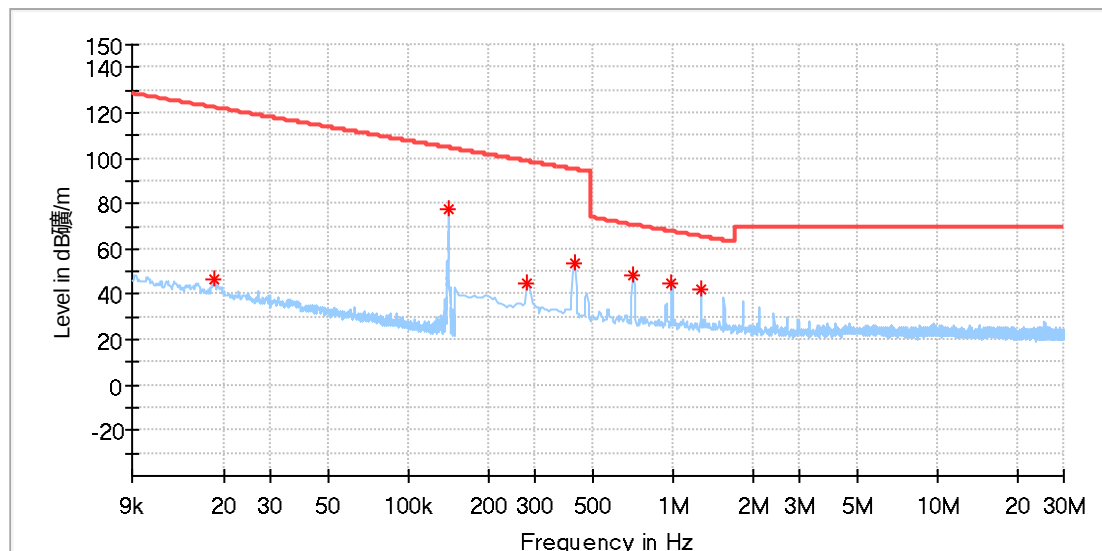
Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.141457	77.30	---	124.59	47.29	100.0	Z	272.0	20.0
0.141457	---	77.15	104.59	27.43	100.0	Z	272.0	20.0
0.282750	44.70	---	118.57	73.87	100.0	Z	300.0	20.0
0.282850	---	42.82	98.57	55.75	100.0	Z	300.0	20.0
0.424200	57.09	---	115.05	57.96	100.0	Z	277.0	20.0
0.424350	---	56.93	95.05	38.12	100.0	Z	277.0	20.0

9KHz – 30MHz

EUT Information

EUT Name:	CUKTECH Power Bank P+Series 40000mAh 300W
Model:	P01CT
Test Mode:	Wireless charging
Order No/Sample No:	168425712/A003470541-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

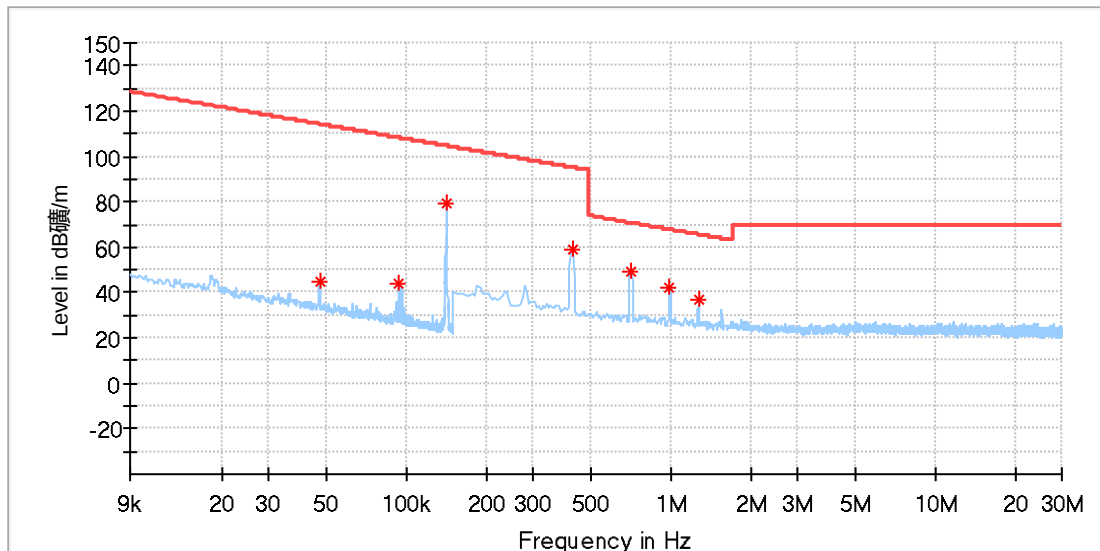
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.018366	46.42	122.31	75.89	100.0	X	50.0	20.1
0.141741	77.21	104.57	27.36	100.0	X	240.0	20.1
0.281691	45.04	98.61	53.57	100.0	X	351.0	20.1
0.422162	53.83	95.09	41.27	100.0	X	198.0	20.1
0.707493	48.26	70.62	22.36	100.0	X	96.0	20.1
0.988434	44.61	67.72	23.11	100.0	X	104.0	20.1
1.273765	42.13	65.53	23.39	100.0	X	273.0	20.1

Final_Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	CUKTECH Power Bank P+Series 40000mAh 300W
Model:	P01CT
Test Mode:	Wireless charging
Order No/Sample No:	168425712/A003470541-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

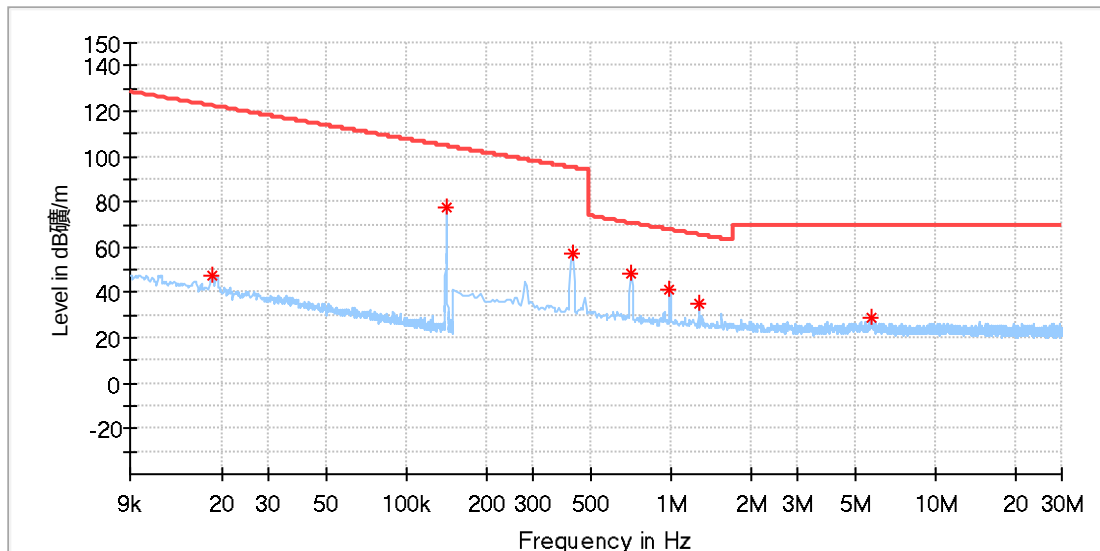
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.046869	45.18	114.18	69.00	100.0	Y	338.0	20.1
0.093801	44.32	108.15	63.83	100.0	Y	331.0	20.1
0.141641	78.90	104.57	25.67	100.0	Y	355.0	20.1
0.422162	58.77	95.09	36.32	100.0	Y	353.0	20.1
0.707493	49.47	70.62	21.15	100.0	Y	353.0	20.1
0.988434	42.57	67.72	25.16	100.0	Y	5.0	20.1
1.273765	36.76	65.53	28.76	100.0	Y	353.0	20.1

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name:	CUKTECH Power Bank P+Series 40000mAh 300W
Model:	P01CT
Test Mode:	Wireless charging
Order No/Sample No:	168425712/A003470541-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.018366	47.45	122.31	74.86	100.0	Z	233.0	20.1
0.141741	77.21	104.57	27.36	100.0	Z	264.0	20.1
0.422162	57.21	95.09	37.89	100.0	Z	271.0	20.1
0.707493	48.04	70.62	22.58	100.0	Z	271.0	20.1
0.988434	41.19	67.72	26.53	100.0	Z	278.0	20.1
1.273765	35.50	65.53	30.03	100.0	Z	253.0	20.1
5.724927	28.54	69.50	40.96	100.0	Z	221.0	20.3

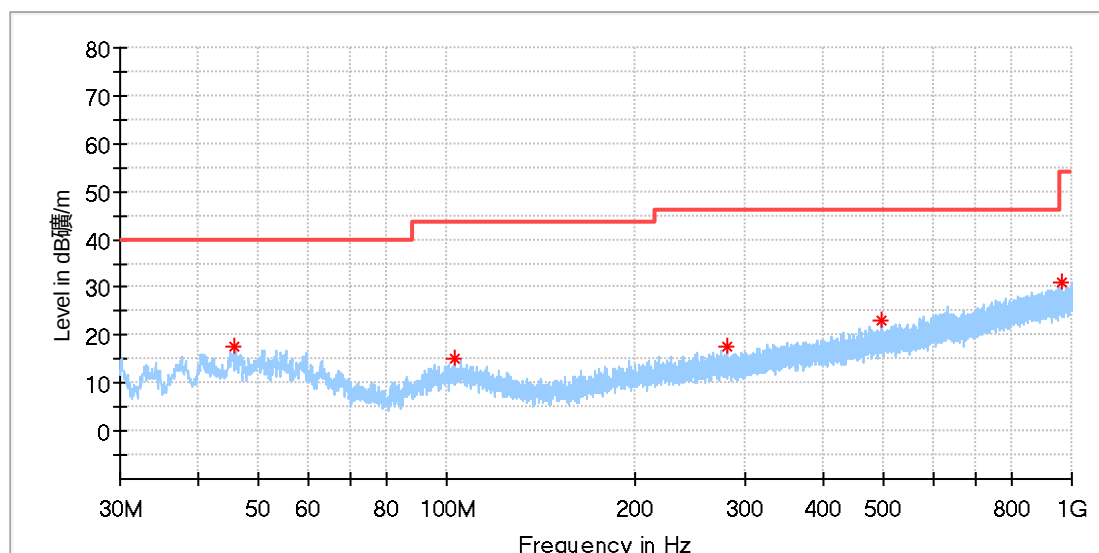
Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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30MHz - 1GHz

EUT Information

EUT Name:	CUKTECH Power Bank P+Series 40000mAh 300W
Model:	P01CT
Test Mode:	Wireless charging
Order No/Sample No:	168425712/A003470541-002
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

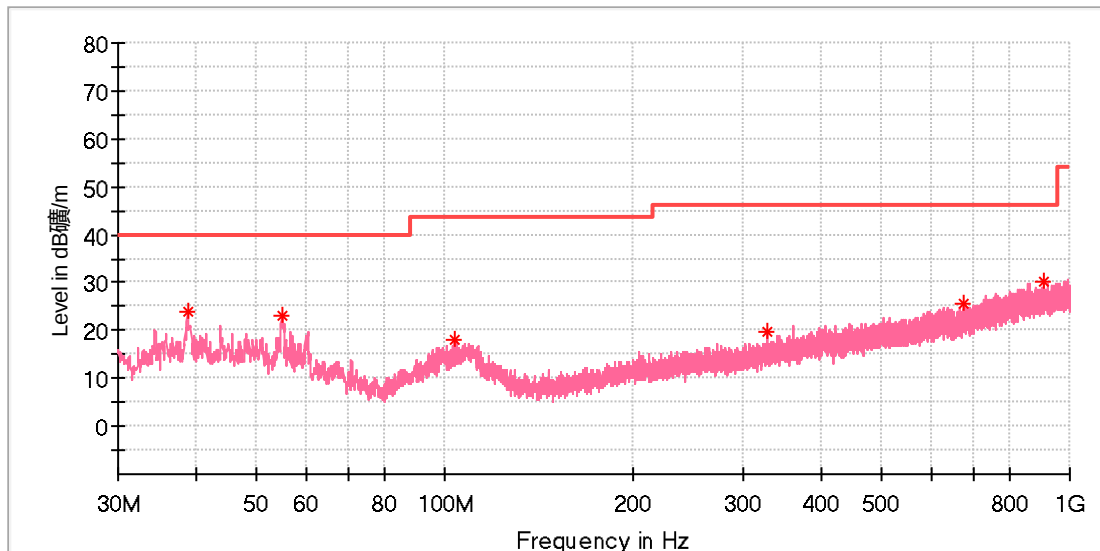
Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
45.859500	17.51	40.00	22.49	100.0	H	233.0	-18.7
103.138000	15.06	43.50	28.44	100.0	H	186.0	-18.8
279.969000	17.76	46.00	28.24	100.0	H	150.0	-16.7
496.085000	22.91	46.00	23.09	100.0	H	127.0	-11.9
961.636500	30.93	54.00	23.07	100.0	H	5.0	-4.2

Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: CUKTECH Power Bank P+Series 40000mAh 300W
Model: P01CT
Test Mode: B
Order No/Sample No: 168425712/A003470541-002
Test Voltage: Battery
Remark: Temp 23 Humi:56%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
38.730000	23.76	40.00	16.24	100.0	V	0.0	-20.5
55.026000	23.01	40.00	16.99	100.0	V	97.0	-18.4
103.768500	18.07	43.50	25.43	100.0	V	79.0	-18.8
327.450500	19.78	46.00	26.22	100.0	V	0.0	-15.6
677.863000	25.64	46.00	20.36	100.0	V	267.0	-8.5
910.420500	30.35	46.00	15.65	100.0	V	181.0	-4.9

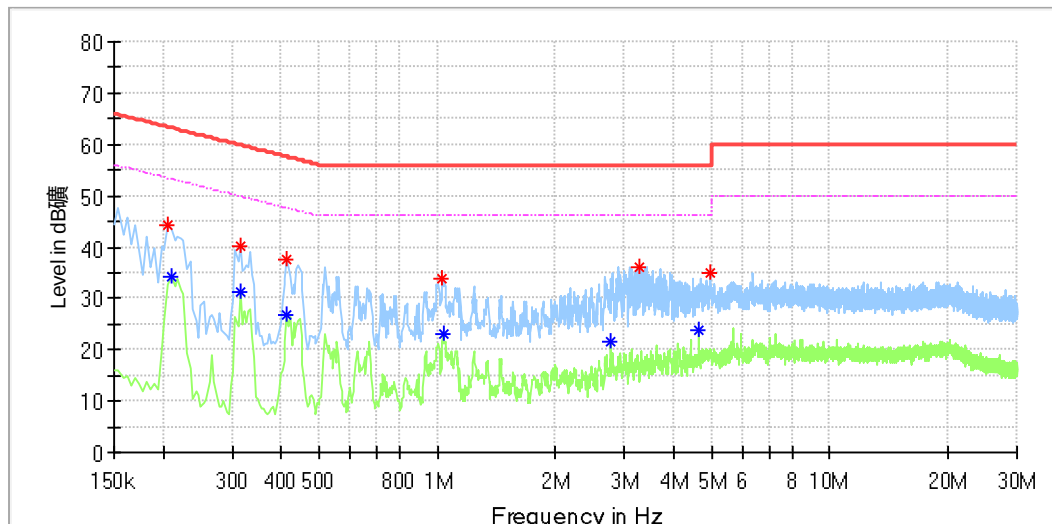
Final Result

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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Appendix A.4: Test Results of Conducted Emission on AC Mains

EUT Information

EUT Name:	CUKTECH Power Bank P+Series 40000mAh 300W
Order Number:	168425712(P01070970)
Model:	P01CT
Test Mode:	Charging + Wireless charging
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Shower Dai / Gary Chen
Tem./Hum./Pressure:	23.2°C/50.6%/101kPa
Remark:	SR2

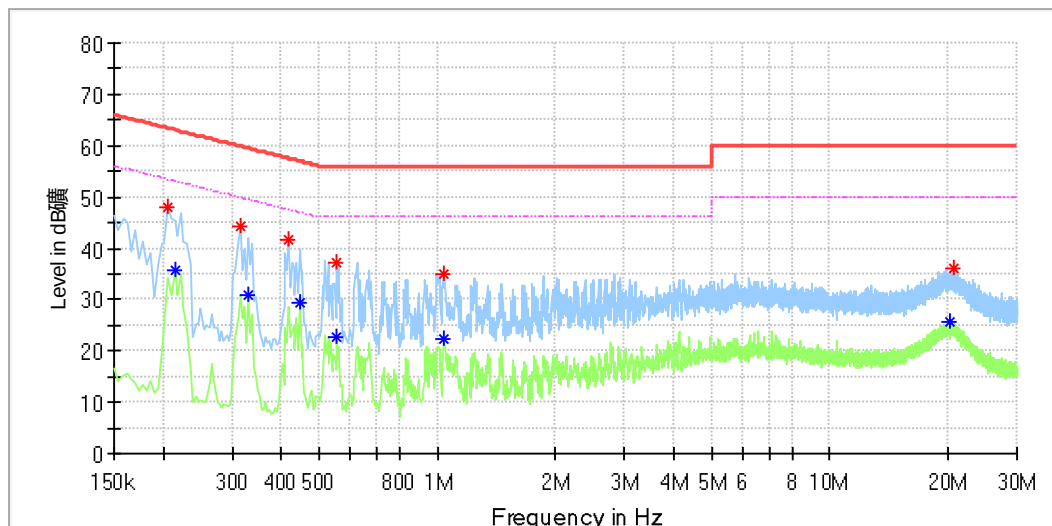


Critical Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.206000	44.40	---	63.37	18.97	L1	9.9
0.210000	---	34.19	53.21	19.02	L1	9.9
0.314000	---	31.19	49.86	18.68	L1	9.9
0.314000	40.26	---	59.86	19.61	L1	9.9
0.414000	---	26.62	47.57	20.95	L1	9.9
0.414000	37.71	---	57.57	19.86	L1	9.9
1.030000	33.82	---	56.00	22.18	L1	10.0
1.034000	---	22.98	46.00	23.02	L1	10.0
2.758000	---	21.50	46.00	24.50	L1	10.2
3.258000	36.15	---	56.00	19.85	L1	10.2
4.626000	---	23.83	46.00	22.17	L1	10.2
4.938000	35.16	---	56.00	20.84	L1	10.2

EUT Information

EUT Name: CUKTECH Power Bank P+Series 40000mAh 300W
Order Number: 168425712(P01070970)
Model: P01CT
Test Mode: B
Test Voltage: AC 120V/60Hz
Test Standard: FCC Part 15
Test By./Review By: Shower Dai / Gary Chen
Tem./Hum./Pressure: 23.2°C/50.6%/101kPa
Remark: SR2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.206000	48.06	---	63.37	15.30	N	9.8
0.214000	---	35.80	53.05	17.25	N	9.8
0.314000	44.15	---	59.86	15.72	N	9.8
0.330000	---	30.90	49.45	18.55	N	9.8
0.418000	41.71	---	57.49	15.78	N	9.8
0.446000	---	29.38	46.95	17.57	N	9.8
0.554000	---	22.81	46.00	23.19	N	9.8
0.554000	37.26	---	56.00	18.74	N	9.8
1.042000	---	22.28	46.00	23.72	N	9.8
1.042000	35.04	---	56.00	20.96	N	9.8
20.266000	---	25.81	50.00	24.19	N	10.2
20.622000	36.12	---	60.00	23.88	N	10.3