Prüfbericht-Nr.: *Test report no.*:	**CN24FUUJ 001**	**Auftrags-Nr.:** *Order no.*:	**168481673**	Seite 1 von 17 *Page 1 of 17*
Kunden-Referenz-Nr.: *Client reference no.*:	N/A	**Auftragsdatum:** *Order date:*	2024-05-06	
Auftraggeber: *Client*:	**GOPOD GROUP HOLDING LIMITED** 301, 4/F, 5/F, 6/F, Building#8 & 6/F, 7/F, Tower#C, Lian Jian Industrial Park II, Shang Henglang Community, DaLang St, LongHua Dist, Shenzhen			
Prüfgegenstand: Test item:	4-in-1 Wireless Charging Stand with Qi2			
Bezeichnung / Typ-Nr.: Identification / Type no.:	NS-MQ341S25			
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*:	2024-05-08	Please refer to Photo Document
Prüfmuster-Nr.: *Test sample no:*	A003711582-001-006	
Prüfzeitraum: *Testing period*:	2024-05-08 - 2024-05-26	
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:	x Jonathan Li Signed by: Jonathan Li	**genehmigt von:** *authorized by*:	x Bell Hu Signed by: Bell Hu
Datum: *Date:* 2024-07-12		**Ausstellungsdatum:** *Issue date:* 2024-07-12	
Stellung / Position:	Sachverständige(r)/Expert	**Stellung** / Position:	Sachverständige(r)/Expert

Sonstiges / *Other*: FCC ID: 2AQZH-MQ341S25

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*

TUV Rheinland (Shenzhen) Co., Ltd., 1601-1604, 17-18F, Tower A Building 2, Shenzhen International Innovation Valley, Dashi 1st Road, Xili Street, Xili Community, Nanshan District, Shenzhen 518052, P. R. China
Mail: service-gc@tuv.com · Web: www.tuv.com

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. *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.*
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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. *Test clauses with remark of * are subcontracted to qualified subcontractors and descripted under the respective test clause in the report.* *Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.*
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnisen 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 bezueglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. 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.

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

Contents

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

Unwanted Emission Testing (TS9975)				
Equipment	**Manufacturer**	**Model**	**Serial No.**	**Cal. until**
EMI Test Receiver	R&S	ESR 7	102021	25.07.2024
Signal Analyzer	R&S	FSV 40	101439	25.07.2024
System Controller Interface	R&S	SCI-100	S10010038	N/A
Filterbank	R&S	Wlan	100759	25.07.2024
OSP	R&S	OSP 120	102040	N/A
Pre-amplifier	R&S	SCU08F1	08320031	25.07.2024
Amplifier	R&S	SCU-18F	180070	25.07.2024
Amplifier	R&S	SCU40A	100475	25.07.2024
Trilog Broadband Antenna (30 MHz - 7 GHz)	Schwarzbeck	VULB 9162	193	06.08.2024
Double-Ridged Antenna (1 -18 GHz)	ETS-LINDGREN	3117	00218717	06.08.2024
Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19067	27.08.2024
Active Loop Antenna	Schwarzbeck	FMZB 1513	302	06.08.2024
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	22.06.2024
EMI Test Receiver	R&S	ESR 7	102021	25.07.2024

Conducted Emission				
Description	**Manufacturer**	**Model**	**Serial No.**	**Cal. Until**
EMI Test Receiver	R&S	ESR3	102680	2025-02-22
Artificial Mains Network	R&S	ENV216	101445	2025-02-22
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 basics 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	± 4.17 dB
Conducted Emission, (9kHz to 150kHz)/(150kHz to 30MHz)	±3.70 dB / ±3.30 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 EUT is a 4-in-1 Wireless Charger, 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:	4-in-1 Wireless Charging Stand with Qi2
Type Designation:	NS-MQ341S25
FCC ID:	2AQZH-MQ341S25
Operating Voltage:	AC 120V, 60Hz
Testing Voltage:	AC 120V, 60Hz
AC/DC adapter:	Model: DCT50W150333US-Y0-S Input: 100~240V~ 50/60Hz 1.3A max. Output: 15V, 3.3A
Technical Specification of WPT	
Frequency Range1:	360kHz for apple magsafe
Type of Modulation:	FSK
Antenna Type:	Inducted Coil antenna
Antenna Gain:	0dBi
Antenna number:	1
Wireless output power:	15W Max
Frequency Range2:	111-205kHz for Qi
Type of Modulation:	FSK
Antenna Type:	Inducted Coil antenna
Antenna Gain:	0dBi
Antenna number:	1
Wireless output power:	10W Max
Frequency Range3:	111-205kHz for Qi
Type of Modulation:	FSK
Antenna Type:	Inducted Coil antenna
Antenna Gain:	0dBi
Antenna number:	1
Wireless output power:	5W Max
Frequency Range4:	326.5kHz for Apple Watch
Type of Modulation:	FSK
Antenna Type:	Inducted Coil antenna

Antenna Gain:	0dBi
Antenna number:	1
Wireless output power:	5W Max

3.3 Independent Operation Modes

The basic operation modes are:

A. On, Wireless charging(Apple magsafe, 15W)
B. On, Wireless charging(Phone, 10W)
C. On, Wireless charging(AirPodsPro, 5W)
D. On, Wireless charging(Apple watch, 5W)
E. On, A+B+C+D
F. Off

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 NS-MQ341S25 in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Remark
Dummy Load 1#	YBZ	N/A	N/A	Supply by client
Dummy Load 2#	YBZ	N/A	N/A	Supply by client
Phone	Samsung	N/A	N/A	Supply by lab
Watch	Apple	N/A	N/A	Supply by lab
iPhone	Apple	N/A	N/A	Supply by lab
AirPodsPro	Apple	N/A	N/A	Supply by lab

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)

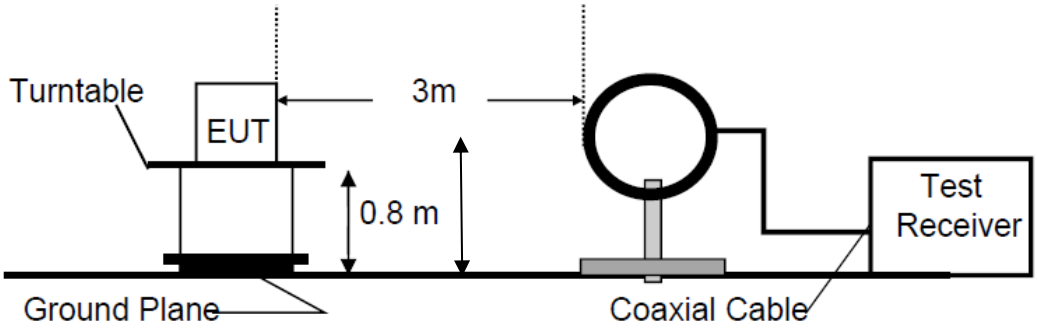


Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

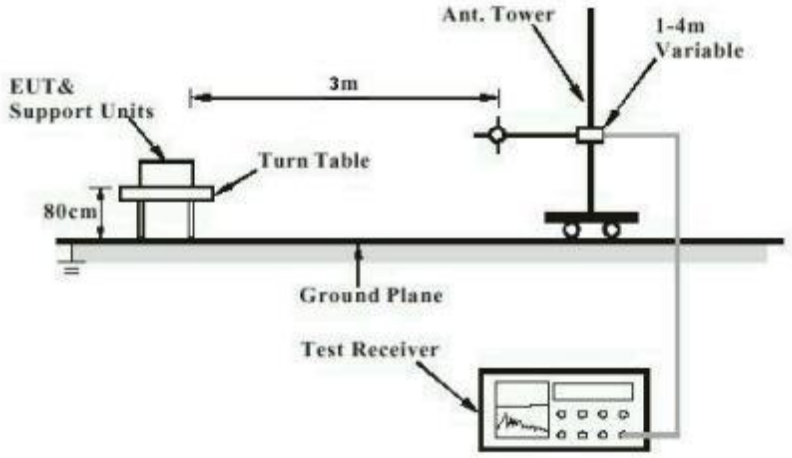
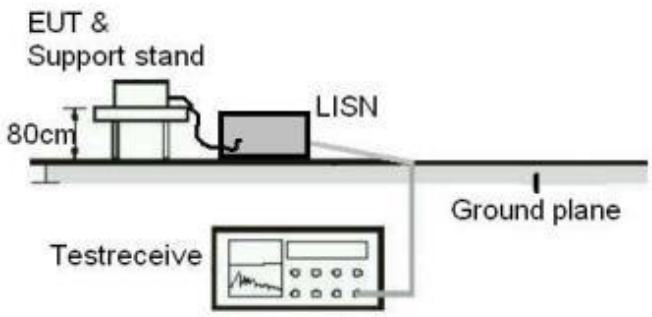


Diagram of Measurement Configuration for Mains Conduction Measurement



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.

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	:	2024-05-17
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A, B, C, D
Ambient temperature	:	23 ℃
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix A.

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	:	2024-05-17
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A, B, C, D
Ambient temperature	:	23 ℃
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	:	2024-05-17
Input voltage	:	AC 120V, 60Hz
Operation mode	:	E
Ambient temperature	:	23 ℃
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix A.

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	:	2024-05-21
Input voltage	:	AC 120V, 60Hz
Operation mode	:	E
Earthing	:	Not connected
Ambient temperature	:	24.3 ℃
Relative humidity	:	52.4 %
Atmospheric pressure	:	101 kPa

This testing was carried out on all operation modes, but only the worst case was presented in this report.

For the measurement records, refer to the appendix A.

6 Photographs of the Test Set-Up

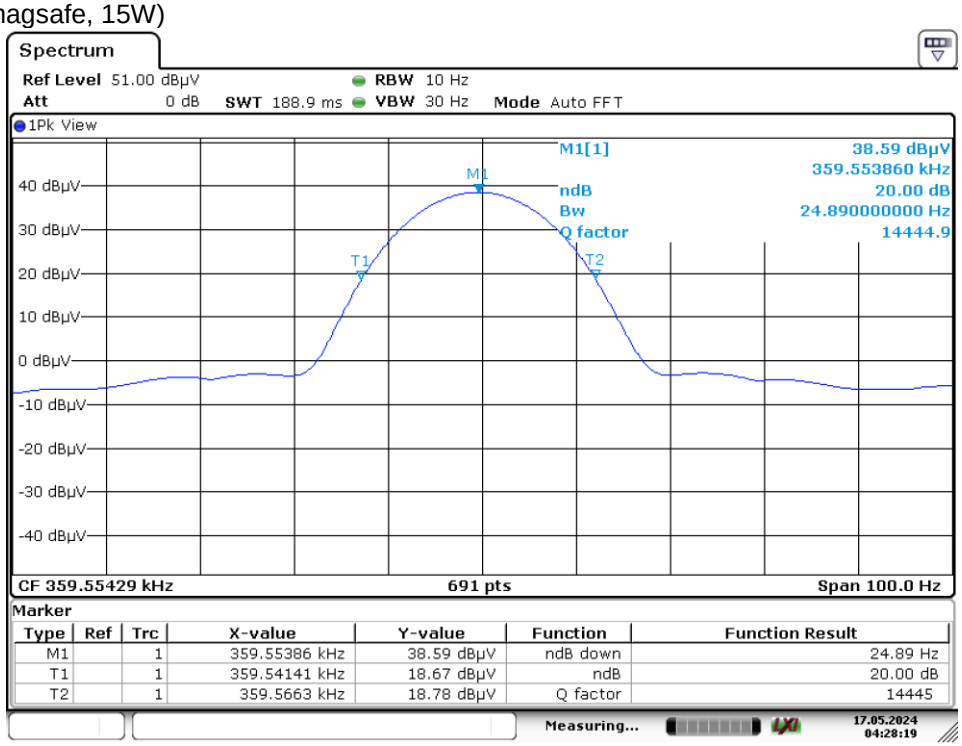
For photographs of the test set-up, refer to the appendix B.

7 List of Tables

Appendix A: Test Results of FCC Part 15C

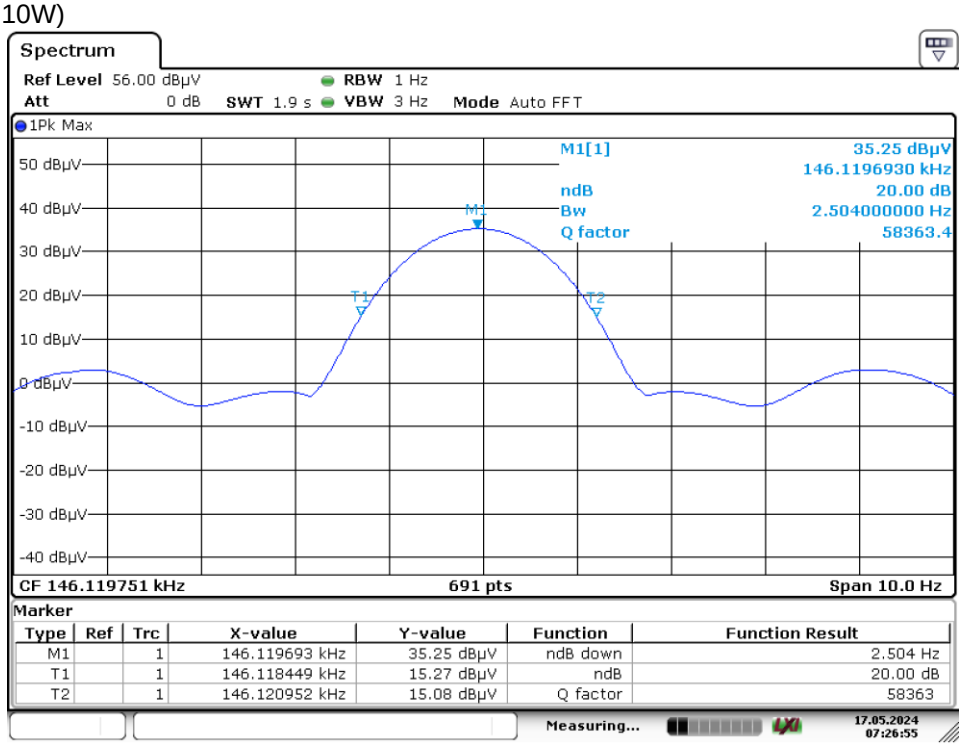
Appendix A.1: Test Results of 20dB Bandwidth

WPT (Apple magsafe, 15W)



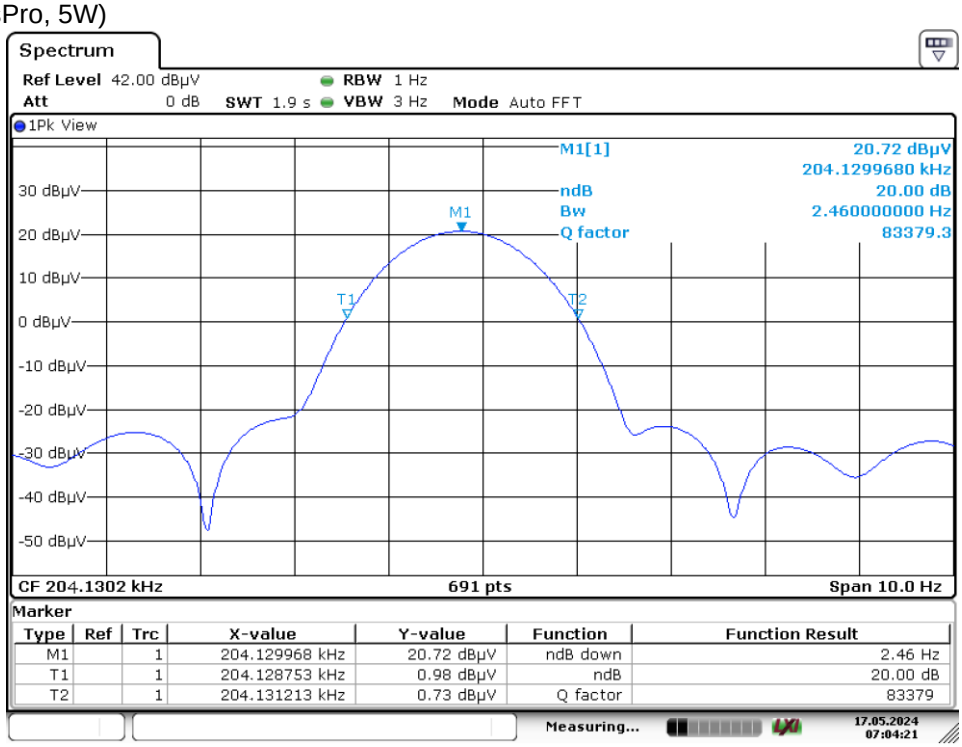
Date: 17.MAY.2024 04:28:19

WPT (Phone, 10W)



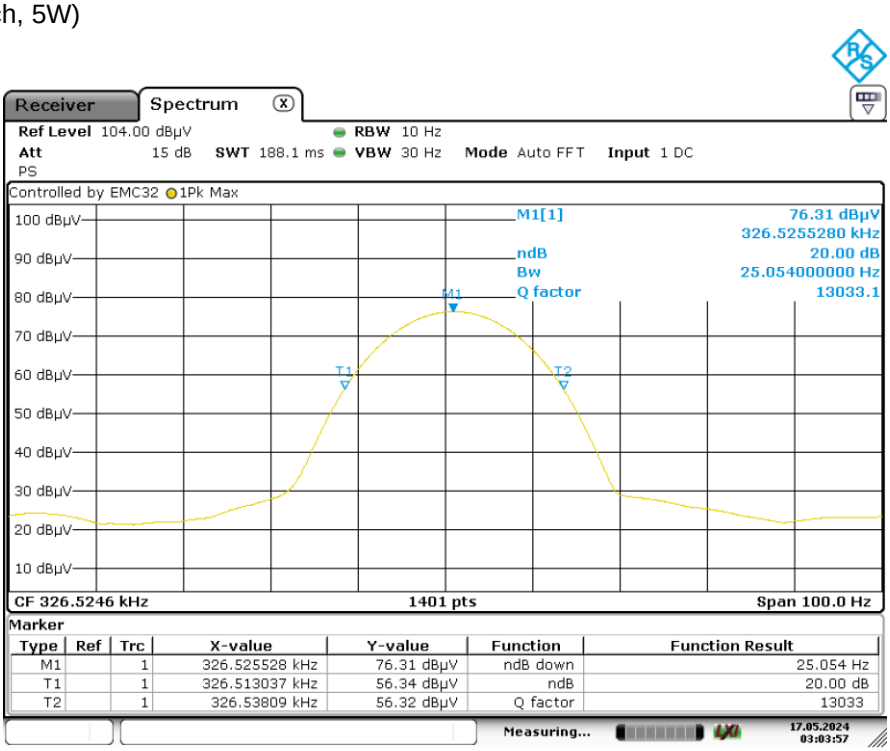
Date: 17.MAY.2024 07:26:55

WPT (AirPodsPro, 5W)



Date: 17.MAY.2024 07:04:21

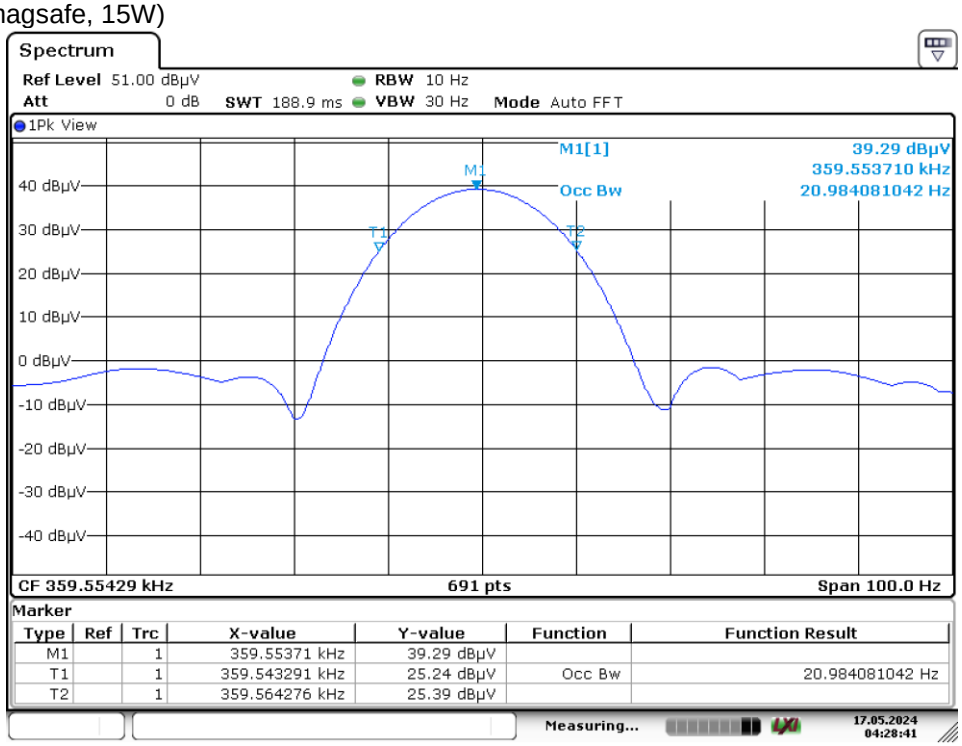
WPT (Apple watch, 5W)



Date: 17.MAY.2024 03:03:57

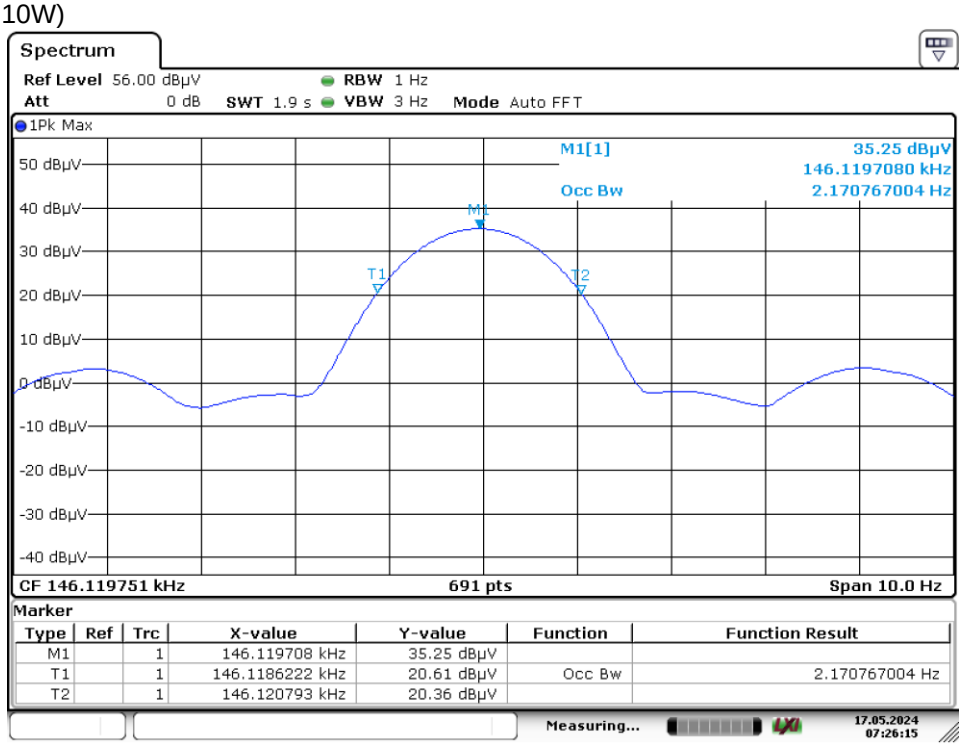
Appendix A.2: Test Results of 99% Bandwidth

WPT (Apple magsafe, 15W)



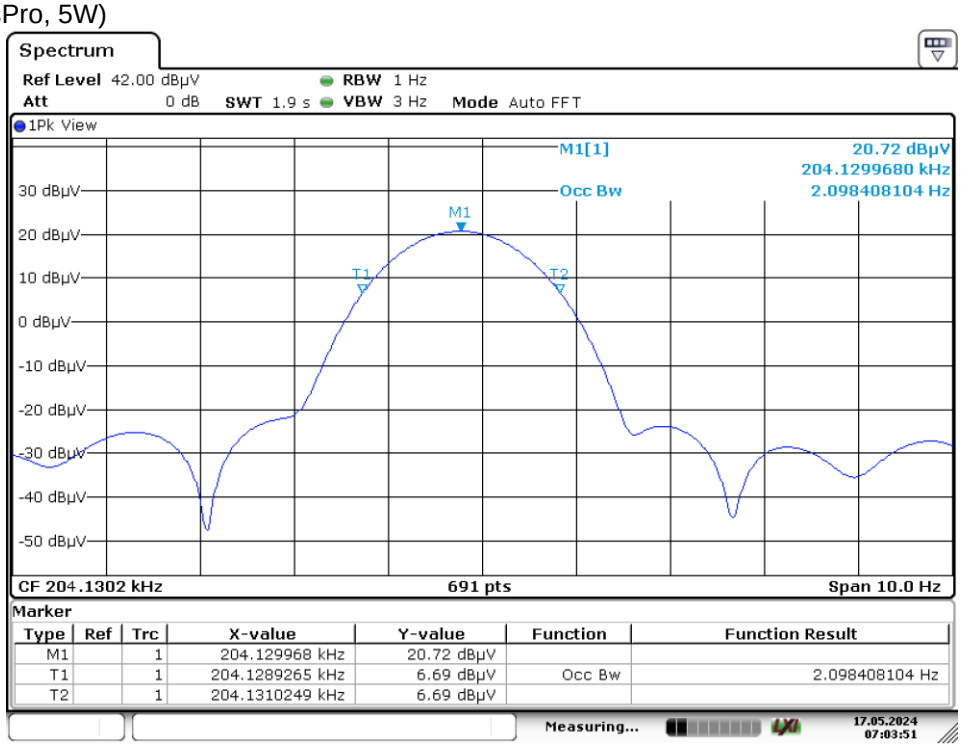
Date: 17.MAY.2024 04:28:41

WPT (Phone, 10W)



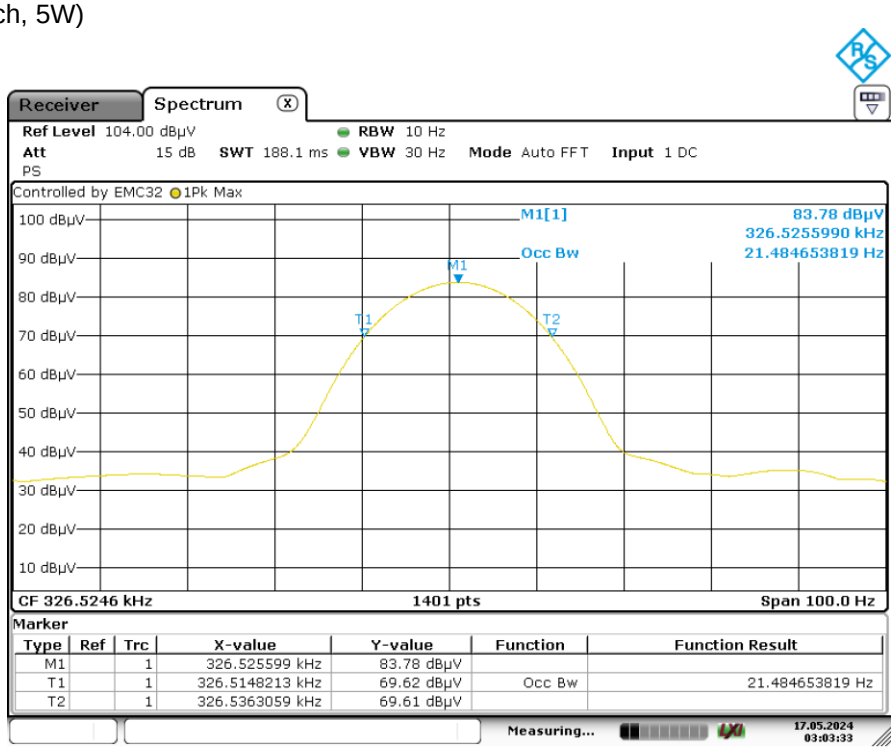
Date: 17.MAY.2024 07:26:15

WPT (AirPodsPro, 5W)



Date: 17.MAY.2024 07:03:51

WPT (Apple watch, 5W)



Date: 17.MAY.2024 03:03:33

Appendix A.3: Test Results of Radiated Spurious Emission

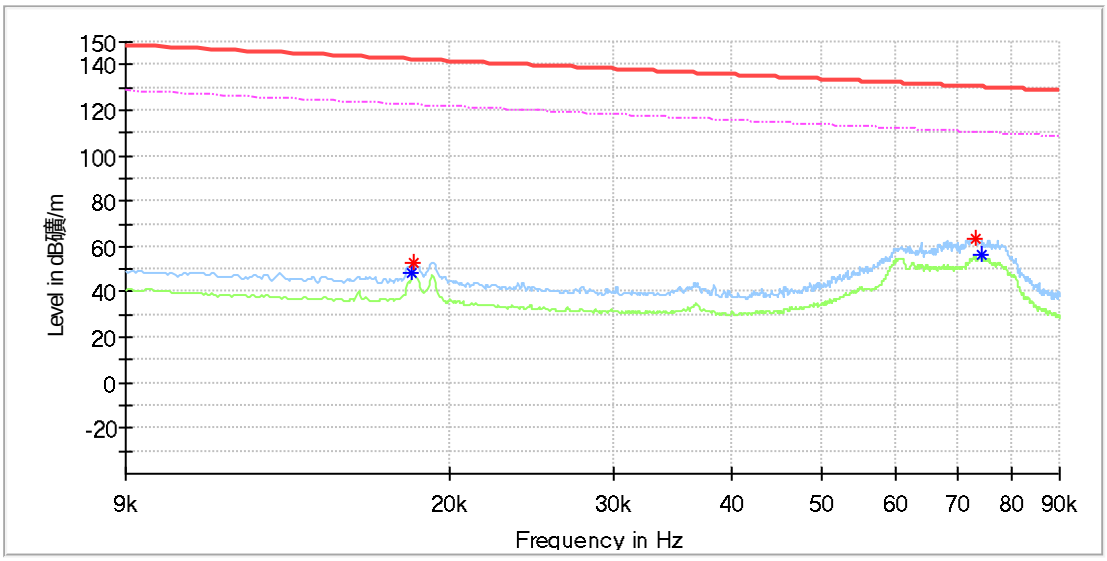
Note: The highest waveform in the figure is Fundamental, the result of worst case mode(15W+5W+5W+10W) was shown in this report.

9kHz - 90KHz

Test Report

EUT Information

EUT Name:	4-in-1 Qi2 Wireless Charger Stand
Model:	NS-MQ341S25
Test Mode:	Charging
Order No/Sample No:	168481673/A003711582-002
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



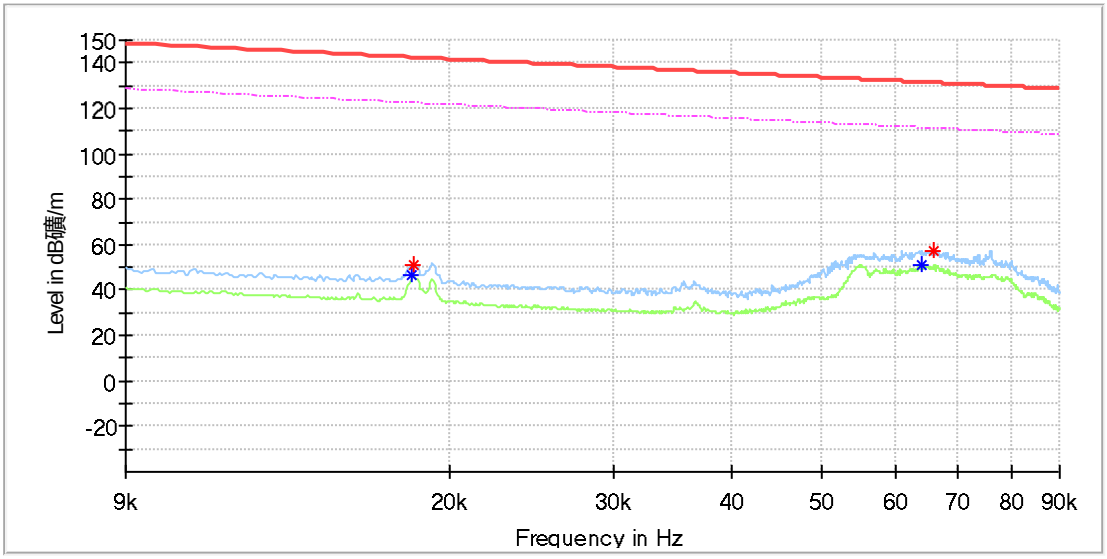
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.018257	---	48.25	122.36	74.11	100.0	X	70.0	20.0
0.018315	53.01	---	142.33	89.32	100.0	X	70.0	20.0
0.073221	63.65	---	130.30	66.65	100.0	X	38.0	20.0
0.074089	---	56.05	110.20	54.15	100.0	X	25.0	20.0

Test Report

EUT Information

EUT Name:	4-in-1 Qi2 Wireless Charger Stand
Model:	NS-MQ341S25
Test Mode:	Charging
Order No/Sample No:	168481673/A003711582-002
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



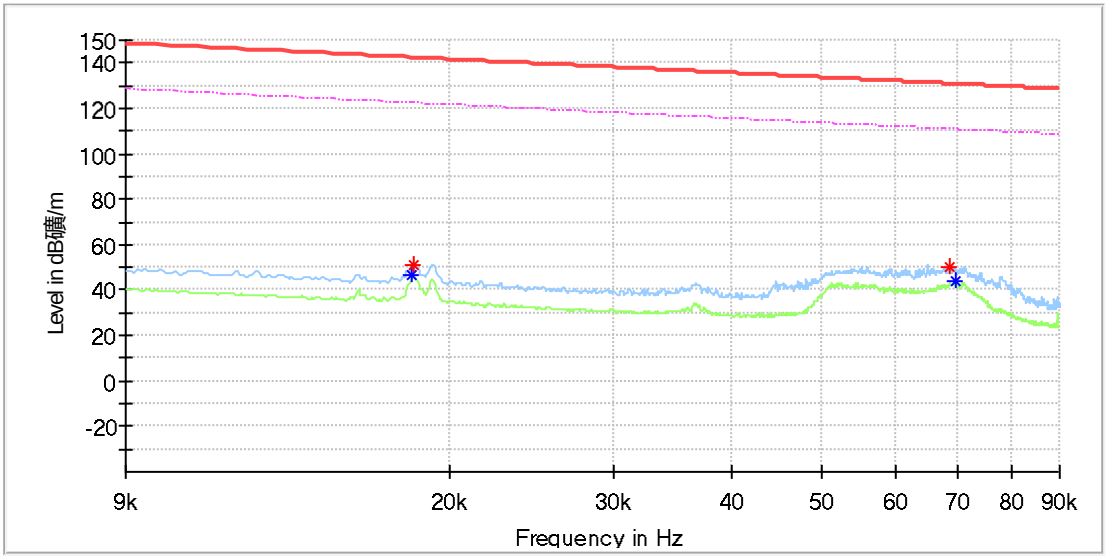
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.018257	---	46.77	122.36	75.59	100.0	Y	87.0	20.0
0.018315	51.10	---	142.33	91.23	100.0	Y	87.0	20.0
0.064196	---	51.17	111.44	60.27	100.0	Y	74.0	20.0
0.065989	57.52	---	131.21	73.69	100.0	Y	67.0	20.0

Test Report

EUT Information

EUT Name:	4-in-1 Qi2 Wireless Charger Stand
Model:	NS-MQ341S25
Test Mode:	Charging
Order No/Sample No:	168481673/A003711582-002
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

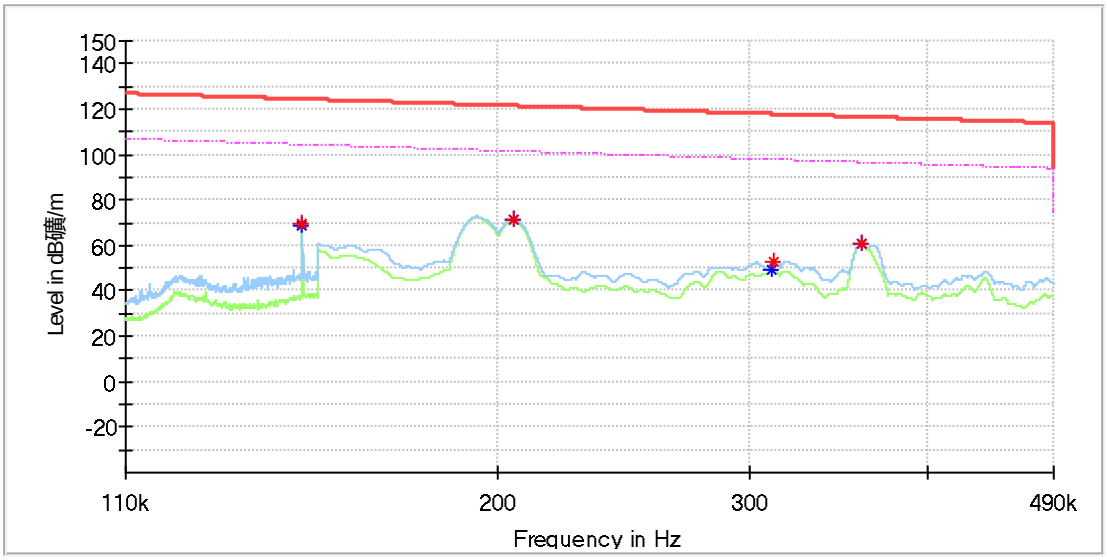
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.018257	---	46.36	122.36	76.00	100.0	Z	11.0	20.0
0.018315	51.41	---	142.33	90.92	100.0	Z	11.0	20.0
0.068535	50.47	---	130.88	80.41	100.0	Z	11.0	20.0
0.069750	---	43.74	110.72	66.98	100.0	Z	36.0	20.0

110kHz - 490KHz

Test Report

EUT Information

EUT Name:	4-in-1 Qi2 Wireless Charger Stand
Model:	NS-MQ341S25
Test Mode:	Charging
Order No/Sample No:	168481673/A003711582-002
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



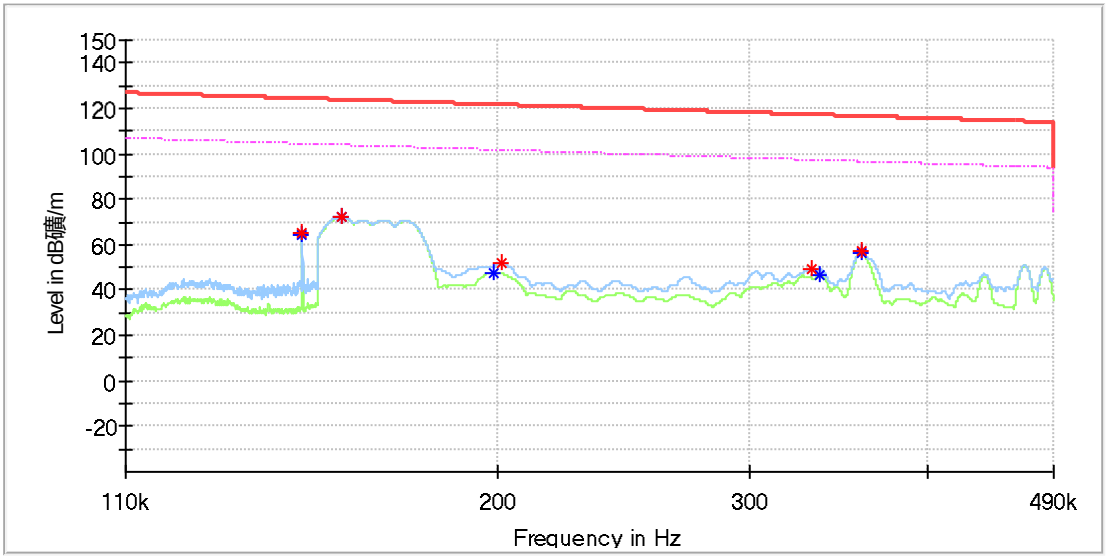
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.146143	69.23	---	124.30	55.07	100.0	X	277.0	20.0
0.146143	---	68.91	104.30	35.40	100.0	X	277.0	20.0
0.205250	71.62	---	121.35	49.73	100.0	X	0.0	20.0
0.205350	---	71.00	101.35	30.35	100.0	X	0.0	20.0
0.311700	---	49.41	97.73	48.31	100.0	X	24.0	20.0
0.312450	52.99	---	117.71	64.72	100.0	X	24.0	20.0
0.359500	61.04	---	116.49	55.45	100.0	X	130.0	20.0
0.359600	---	60.88	96.49	35.61	100.0	X	130.0	20.0

Test Report

EUT Information

EUT Name:	4-in-1 Qi2 Wireless Charger Stand
Model:	NS-MQ341S25
Test Mode:	Charging
Order No/Sample No:	168481673/A003711582-002
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



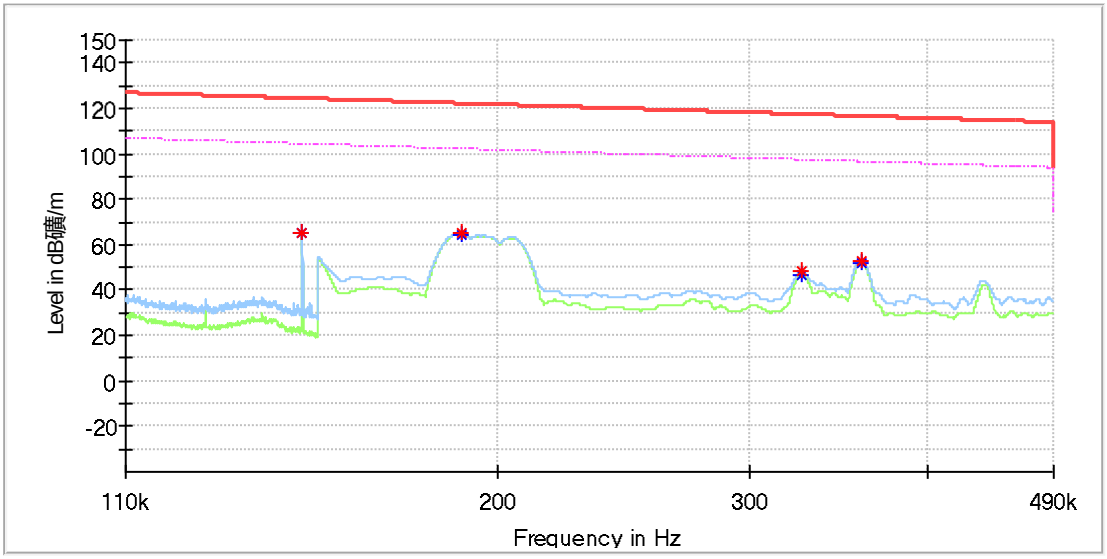
Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.146143	64.93	---	124.30	59.37	100.0	Y	161.0	20.0
0.146143	---	64.52	104.30	39.78	100.0	Y	161.0	20.0
0.155650	72.08	---	123.76	51.67	100.0	Y	254.0	20.0
0.155650	---	71.99	103.76	31.77	100.0	Y	254.0	20.0
0.198950	---	47.86	101.63	53.76	100.0	Y	58.0	20.0
0.201700	51.67	---	121.51	69.83	100.0	Y	78.0	20.0
0.332300	49.48	---	117.17	67.69	100.0	Y	58.0	20.0
0.336100	---	46.71	97.07	50.36	100.0	Y	78.0	20.0
0.359500	57.03	---	116.49	59.46	100.0	Y	209.0	20.0
0.359600	---	56.75	96.49	39.74	100.0	Y	209.0	20.0

Test Report

EUT Information

EUT Name:	4-in-1 Qi2 Wireless Charger Stand
Model:	NS-MQ341S25
Test Mode:	Charging
Order No/Sample No:	168481673/A003711582-002
Test Voltage::	120V/60Hz
Remark:	Temp 23 Humi:58%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

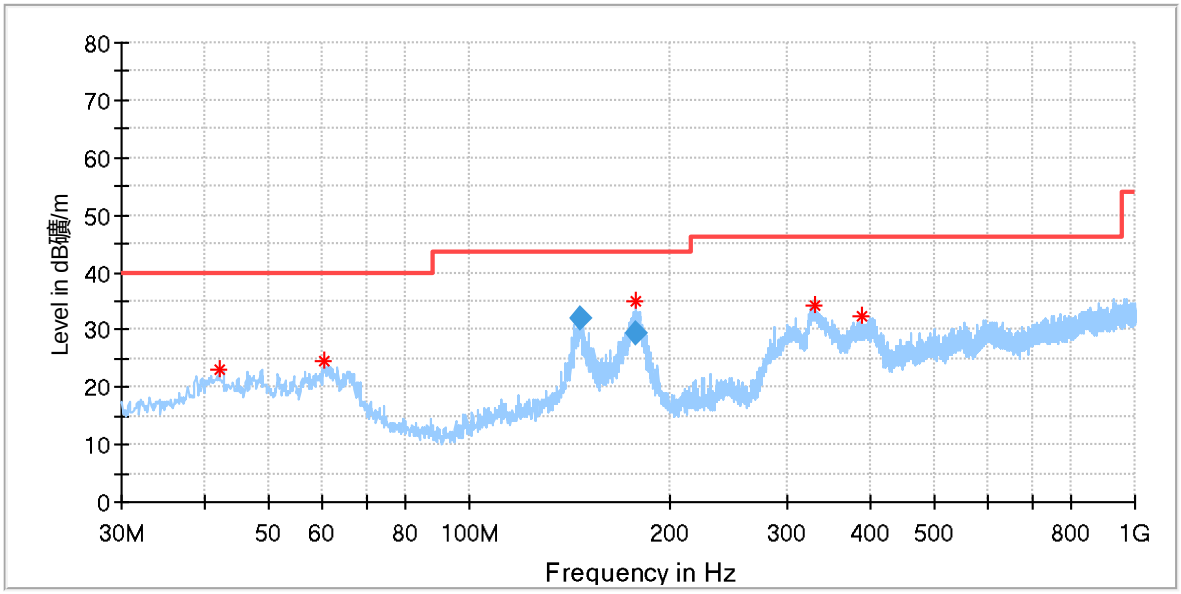
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
0.146143	65.16	---	124.30	59.14	100.0	Z	275.0	20.0
0.146143	---	64.99	104.30	39.31	100.0	Z	275.0	20.0
0.188900	64.96	---	122.08	57.12	100.0	Z	357.0	20.0
0.188950	---	64.63	102.07	37.44	100.0	Z	357.0	20.0
0.326600	48.56	---	117.32	68.76	100.0	Z	148.0	20.0
0.326700	---	46.47	97.32	50.85	100.0	Z	148.0	20.0
0.359150	52.54	---	116.50	63.95	100.0	Z	139.0	20.0
0.359600	---	52.02	96.49	44.46	100.0	Z	139.0	20.0

30MHz – 1000MHz

Test Report

EUT Information

EUT Name	4-in-1 Qi2 Wireless Charger Stand
Order Number:	168481673
Model:	NS-MQ341S25
Test Mode:	Wireless Charging
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Soloman Wu/Shower Dai
Tem./Hum./Pressure:	24.3°C/51.6%/101kPa
Remark:	3m chamber



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
42.028000	23.08	40.00	16.92	200.0	H	158.0	20.4
60.361000	24.63	40.00	15.37	200.0	H	337.0	20.0
146.594000	32.15	43.50	11.35	200.0	H	312.0	20.7
177.823000	35.11	43.50	8.39	200.0	H	337.0	19.7
329.633000	34.14	46.00	11.86	100.0	H	59.0	22.5
388.706000	32.25	46.00	13.75	100.0	H	213.0	23.9

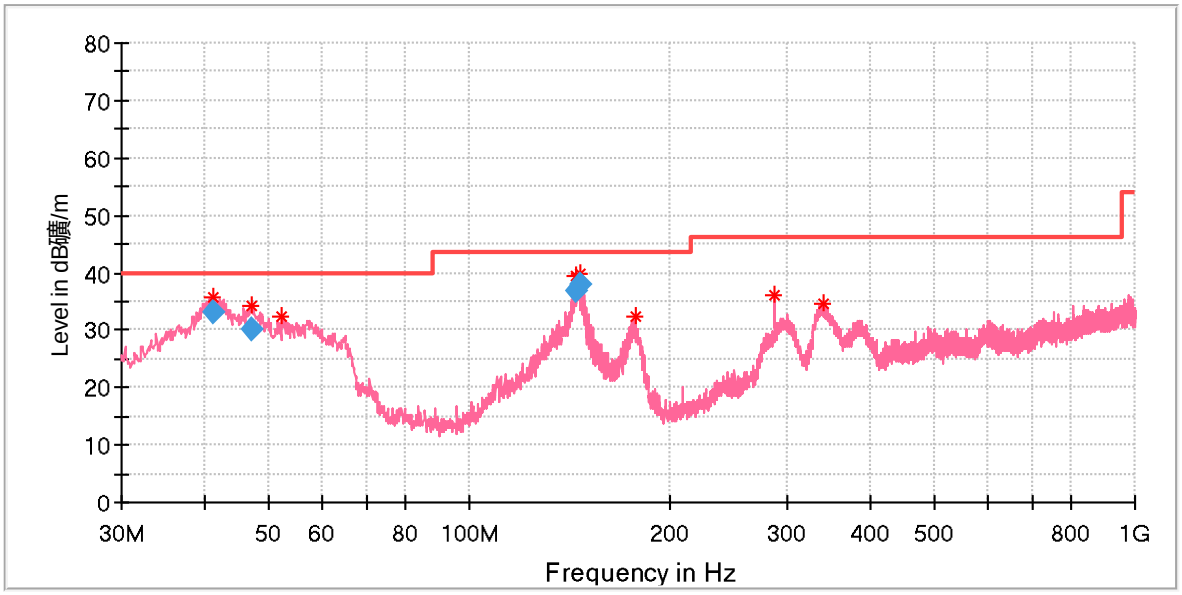
Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
146.594000	31.85	43.50	11.65	1000.0	120.000	200.0	H	312.0	20.7
177.823000	29.32	43.50	14.18	1000.0	120.000	200.0	H	337.0	19.6

Test Report

EUT Information

EUT Name	4-in-1 Qi2 Wireless Charger Stand
Order Number:	168481673
Model:	NS-MQ341S25
Test Mode:	Wireless Charging
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Soloman Wu/Shower Dai
Tem./Hum./Pressure:	24.3°C/51.6%/101kPa
Remark:	3m chamber



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
41.207000	35.57	40.00	4.43	100.0	V	20.0	20.2
47.198000	34.15	40.00	5.85	100.0	V	274.0	20.7
52.310000	32.42	40.00	7.58	100.0	V	103.0	20.6
144.956000	39.53	43.50	3.97	100.0	V	241.0	20.6
146.634000	39.68	43.50	3.82	100.0	V	279.0	20.7
177.343000	32.20	43.50	11.30	100.0	V	174.0	19.7
288.020000	35.98	46.00	10.02	200.0	V	92.0	21.3
339.624000	34.46	46.00	11.54	200.0	V	310.0	22.7

Final_Result

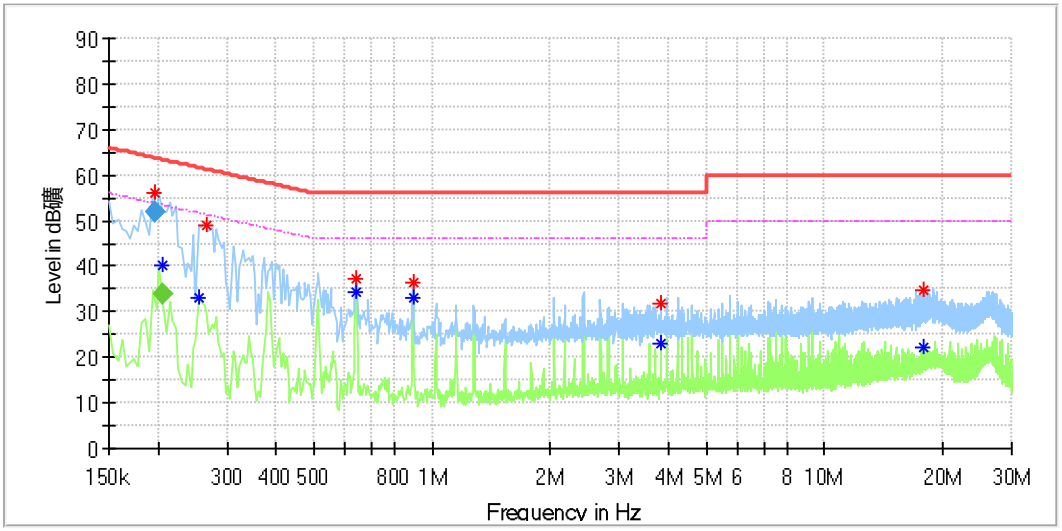
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
41.207000	32.96	40.00	7.04	1000.0	120.000	100.0	V	20.0	20.3
47.198000	30.20	40.00	9.80	1000.0	120.000	100.0	V	274.0	20.7
144.956000	36.98	43.50	6.52	1000.0	120.000	100.0	V	241.0	20.6
146.634000	37.86	43.50	5.64	1000.0	120.000	100.0	V	279.0	20.7

Appendix A.4: Test Results of Conducted Emission on AC Mains

Test Report

EUT Information

EUT Name:	4-in-1 Qi2 Wireless Charger Stand
Order Number:	168481673
Model:	NS-MQ341S25
Test Mode:	Wireless Charging
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Junhua/ Shower Dai
Tem./Hum./Pressure:	24.3°C/52.2%/101kPa
Remark:	SR2



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.197500	56.24	---	63.53	7.28	L1	9.9
0.205500	---	40.15	53.53	13.38	L1	9.9
0.254000	---	33.21	51.63	18.42	L1	9.9
0.266000	48.90	---	61.24	12.34	L1	9.9
0.638000	---	34.46	46.00	11.54	L1	10.0
0.638000	37.42	---	56.00	18.58	L1	10.0
0.894000	---	33.21	46.00	12.79	L1	10.0
0.894000	36.31	---	56.00	19.69	L1	10.0
3.834000	---	23.10	46.00	22.90	L1	10.2
3.834000	31.99	---	56.00	24.01	L1	10.2
17.874000	34.57	---	60.00	25.43	L1	10.4
17.878000	---	22.03	50.00	27.97	L1	10.4

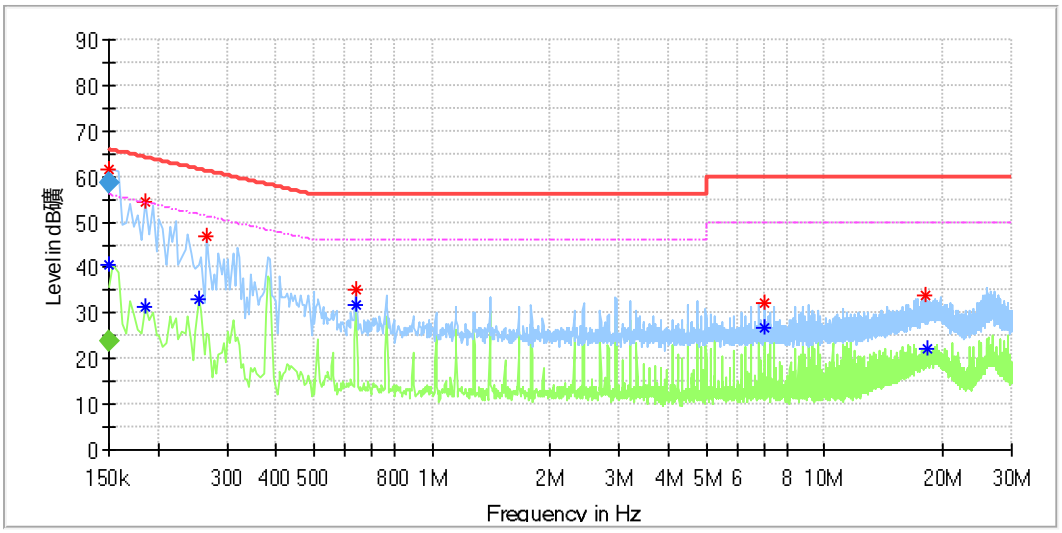
Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.197500	52.05	---	63.72	11.66	1000.0	9.000	L1	9.9
0.205500	---	33.97	53.39	19.42	1000.0	9.000	L1	9.9

Test Report

EUT Information

EUT Name:	4-in-1 Qi2 Wireless Charger Stand
Order Number:	168481673
Model:	NS-MQ341S25
Test Mode:	Wireless Charging
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Junhua/ Shower Dai
Tem./Hum./Pressure:	24.3°C/52.2%/101kPa
Remark:	SR2



Critical_Freqs

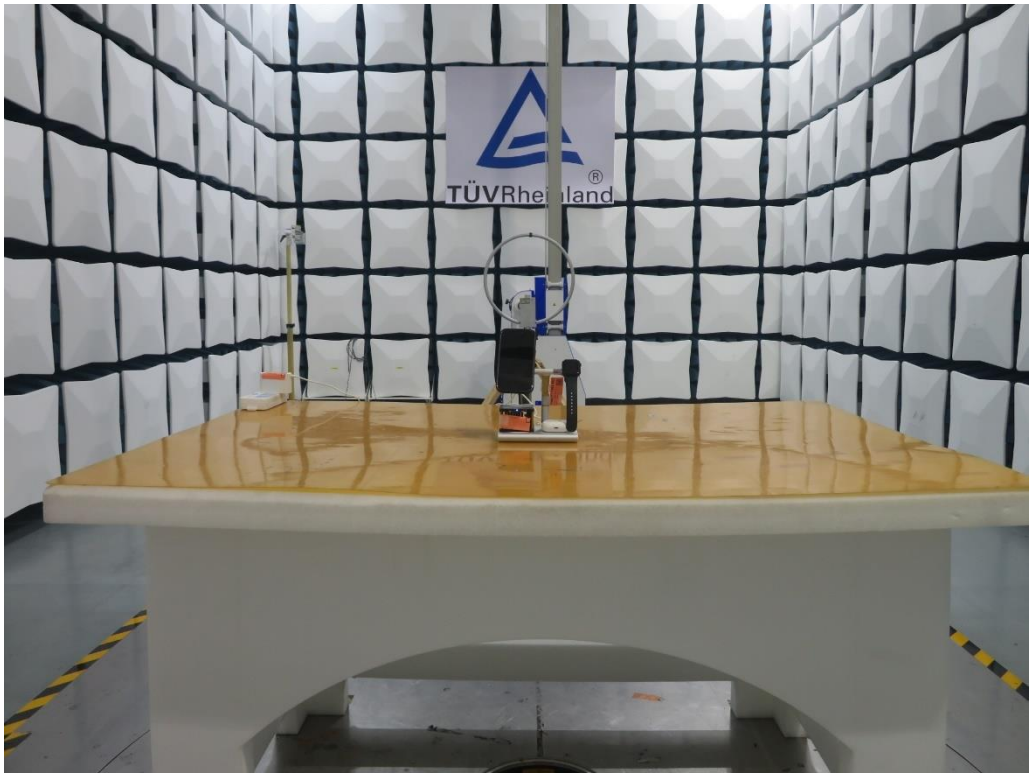
Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150000	61.71	---	65.78	4.08	N	9.8
0.150000	---	40.54	55.78	15.24	N	9.8
0.186000	54.47	---	64.21	9.74	N	9.8
0.186000	---	31.48	54.21	22.73	N	9.8
0.254000	---	32.96	51.63	18.67	N	9.8
0.266000	46.90	---	61.24	14.34	N	9.8
0.638000	---	31.61	46.00	14.39	N	9.8
0.638000	35.08	---	56.00	20.92	N	9.8
7.030000	---	26.85	50.00	23.15	N	10.0
7.030000	32.27	---	60.00	27.73	N	10.0
18.050000	33.95	---	60.00	26.05	N	10.2
18.382000	---	22.12	50.00	27.88	N	10.2

Final_Result

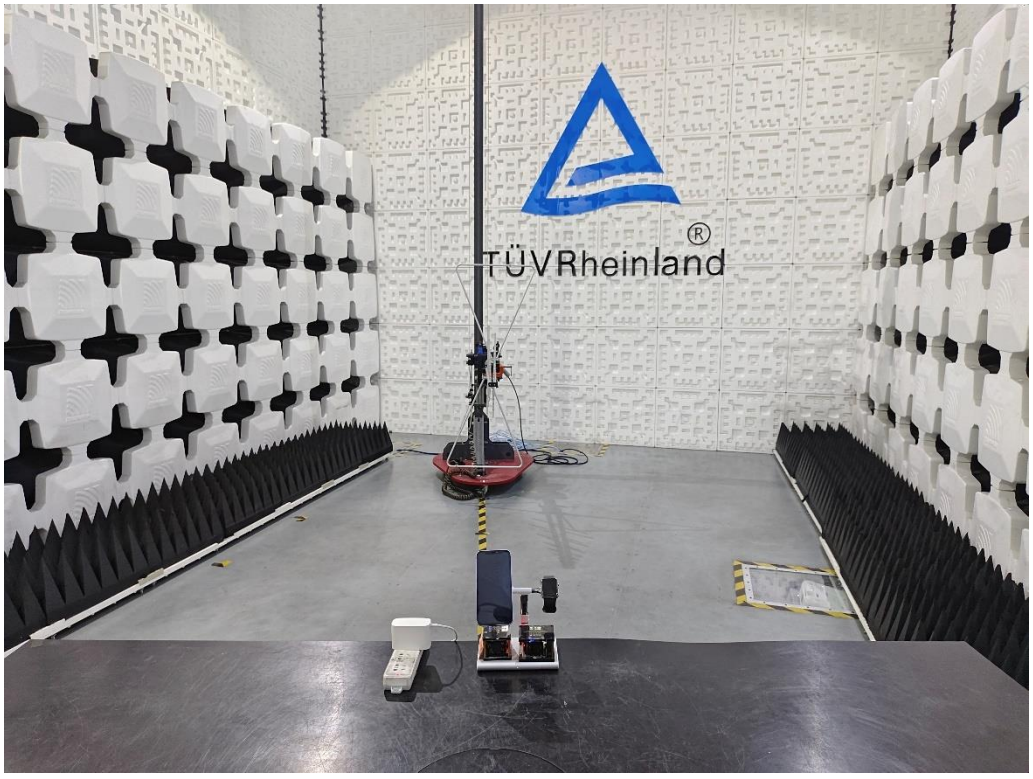
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.150000	---	23.97	56.00	32.03	1000.0	9.000	N	9.8
0.150000	58.45	---	66.00	7.55	1000.0	9.000	N	9.8

Appendix B: Photographs of the Test Set-Up

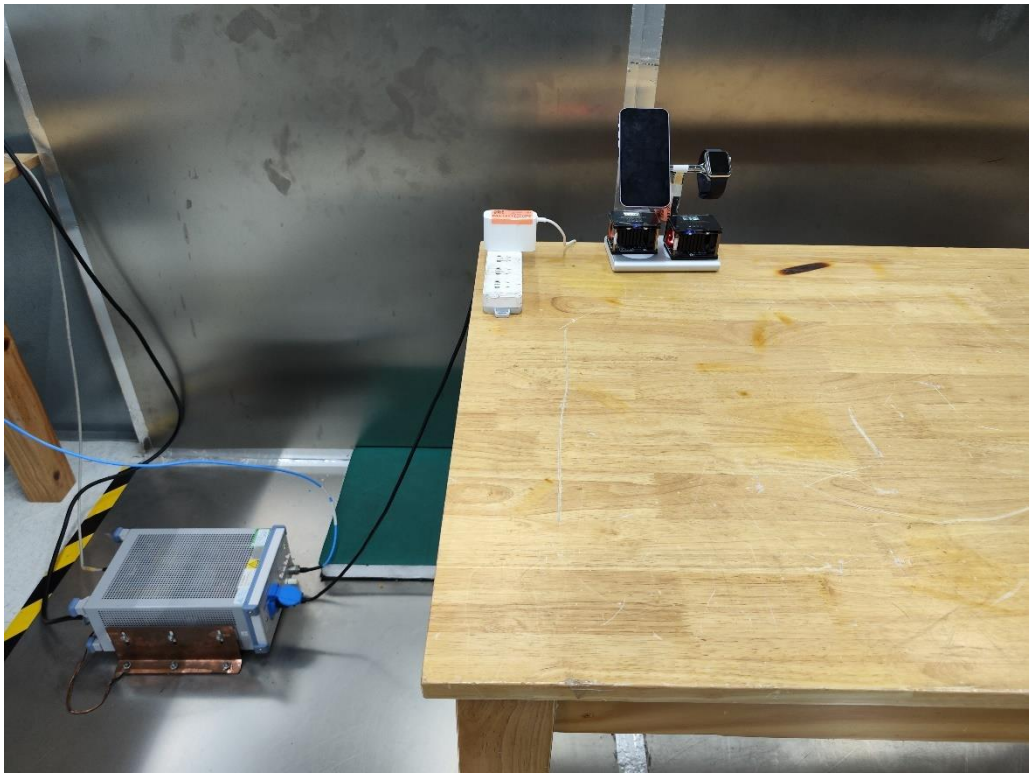
Photograph 1: Set-up photo for Radiated Spurious Emission, below 30MHz



Photograph 2: Set-up photo for Radiated Spurious Emission, 30MHz - 1GHz



Photograph 3: Set-up photo for Conducted Emission



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