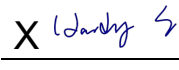


Prüfbericht-Nr.: <i>Test report no.:</i>	CN24NRC2 002	Auftrags-Nr.: <i>Order no.:</i>	168494321	Seite 1 von 17 <i>Page 1 of 17</i>
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2024-07-15	
Auftraggeber: <i>Client:</i>	SHENZHEN DNS INDUSTRIES CO., LTD. 23/F Building A, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian, Shenzhen, China			
Prüfgegenstand: <i>Test item:</i>	3-in-1 Wireless charger			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	HJ3320			
Auftrags-Inhalt: <i>Order content:</i>	Test Report			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.215 CFR47 FCC Part 15: Subpart C Section 15.209 CFR47 FCC Part 15: Subpart C Section 15.207			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2024-08-14	Please refer to Photo Document		
Prüfmuster-Nr.: <i>Test sample no.:</i>	S202408144133-ZJA01/1			
Prüfzeitraum: <i>Testing period:</i>	2024-08-20 - 2024-09-03			
Ort der Prüfung: <i>Place of testing:</i>	Refer to section 2.1			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von: <i>tested by:</i>	 Hardy Suo		genehmigt von: <i>authorized by:</i>	 Lin Lin
Datum: <i>Date:</i>	2024-09-06		Ausstellungsdatum: <i>Issue date:</i>	2024-09-06
Stellung / Position:	Sachverständige(r)/Expert		Stellung / Position:	Sachverständige(r)/Expert
Sonstiges / <i>Other:</i>	FCC ID: ZBC-HJ3320			
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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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 20dB BANDWIDTH

RESULT: Pass

5.1.3 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.4 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

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China 518109

A2LA Certificate Number: 4312.01

FCC Accreditation Designation No.: CN1194

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Radiated Emission Test Equipment List						
Used	Equipment	Manufacturer	Model No.	Serial Number	Cal. date	Cal. Due date
☒	3m SAC	ETS-LINDGREN	3M	Euroshiedpn-CT001270-1317	11-Nov-2023	10-Nov-2026
☒	Receiver	R&S	ESIB26	100114	27-Oct-2023	26-Oct-2024
☒	Loop Antenna	ETS-LINDGREN	6502	00202525	30-Oct-2023	29-Oct-2024
☒	Broadband Antenna	ETS-LINDGREN	3142E	00201566	30-Oct-2023	29-Oct-2024
☒	6dB Attenuator	Talent	RA6A5-N-18	18103001	30-Oct-2023	29-Oct-2024
☒	Preamplifier	HP	8447F	2805A02960	31-Oct-2023	30-Oct-2024
☒	Multi device Controller	ETS-LINDGREN	7006-001	00160105	N/A	N/A
☒	Test Software	Audix	e3	Software Version: 9.160323		

Conducted Emission Test Equipment List						
Used	Equipment	Manufacturer	Model No.	Serial Number	Cal. date	Cal. Due date
☒	LISN	R&S	ESH2-Z5	860014/024	27-Oct-2023	26-Oct-2024
☒	Receiver	R&S	ESR7	101181	27-Oct-2023	26-Oct-2024
☒	Pulse Limiter	R&S	ESH3-Z2	0357.8810.54	27-Oct-2023	26-Oct-2024
☒	Shielding room	ETS-Lindgren	843	Euroshiedpn-CT001270-1246	5-Nov-2021	4-Nov-2024
☒	Test Software	EZ-EMC	EZ-CON	Software Version: EMC-CON 3A1.1		

Bandwidth Test Equipment List						
Used	Equipment	Manufacturer	Model No.	Serial Number	Cal. date	Cal. Due date
☒	Spectrum analyzer	R&S	FSV40-N	101653	29-Mar-2024	28-Mar-2025
☒	Loop Antenna	ETS-LINDGREN	6502	00202525	30-Oct-2023	29-Oct-2024

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

No.	Item	Measurement Uncertainty
1	Conducted emission 9kHz-150kHz	±3.2 dB
2	Conducted emission 150kHz-30MHz	±2.7 dB
3	Radiated emission 9kHz-30MHz	±4.7 dB
4	Radiated emission 30MHz-1GHz	±4.6 dB
5	Occupied Channel Bandwidth	± 1.86 %

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 Shenzhen UnionTrust Quality and Technology Co., Ltd. Test facility located at Unit D/E of 9/F and 16/F, Block A, Building 6, Baoneng science and technology park, Longhua district, Shenzhen, China 518109 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 3-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:		3-in-1 Wireless charger
Type Designation:		HJ3320
FCC ID:		ZBC-HJ3320
Operating Temperature Range:		0°C to +35°C
Rated Input		5.0V=3.0A, 9.0V=3.0A
Rated Output:		Output 1: 5.0W/7.5W/15.0W (for Phone) Output 2: 5.0W (for Apple Watch) Output 3: 5.0W (for AirPods) Total Output: 25.0W MAX
Test Voltage:		AC 120V, 60Hz
Technical Specification of WPT		
Output 1 (Coil 1)	Frequency Range:	110.5kHz to 205kHz 360kHz
	Type of Modulation:	ASK, FSK
	Antenna Type:	Coil antenna
	Antenna Number:	1
	Wireless output power:	110.5kHz to 205kHz: 5W, 7.5W 360kHz: 15W
Output 2 (Coil 2)	Frequency Range:	326.5kHz 1.778MHz
	Type of Modulation:	FSK
	Antenna Type:	Coil antenna
	Antenna Number:	1
	Wireless output power:	326.5kHz: 2.5W 1.778MHz: 5W
Output 3 (Coil 3)	Frequency Range:	110.5kHz to 205kHz
	Type of Modulation:	ASK
	Antenna Type:	Coil antenna
	Antenna Number:	1
	Wireless output power:	110.5kHz to 205kHz: 5W

3.3 Independent Operation Modes

Mode	Test Description	Frequency	Client
1	Standby, Powered by AC/DC Adapter form 120V~60Hz	Output 1: 360kHz Output 1: 127.7kHz Output 2: 326.5kHz Output 2: 1.778MHz Output 3: 110.5-205kHz	None
2	Direct contact During charging / operating between the EUT& WPT Client. EUT is powered by AC/DC adapter. 120V~60Hz	Output 1: 360kHz	Output 1: iPhone 14 Plus (15W)
3		Output 1: 127.7kHz	Output 1: iPhone 11 (7.5W)
4		Output 1: 127.7kHz	Output 1: Test module (5W)
5		Output 2: 326.5kHz	Output 2: i-Watch S5 (2.5W)
6		Output 2: 1.778MHz	Output 2: i-Watch S8 (5W)
7		Output 3: 110.5-205kHz	Output 3: AirPods Case (5W)
8		Output 1: 360kHz Output 2: 326.5kHz Output 3: 110.5-205kHz	Output 1: iPhone 14 Plus (15W) Output 2: i-Watch S5 (2.5W) Output 3: AirPods Case (5W)
9		Output 1: 127.7kHz Output 2: 1.778MHz Output 3: 110.5-205kHz	Output 1: Test module (5W) Output 2: i-Watch S8 (5W) Output 3: AirPods Case (5W)

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form
- Block Diagram
- ID Label and Location Info
- User Manual
- Schematics
- 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 HJ3320 in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model No.	Serial Number	Supplied by
iPhone 14 Plus	Apple	MQ3D3CH/A	LYY3Q7X4QM	UnionTrust
iPhone 11	Apple	MHF13CH/A	F4GF78NTN746	UnionTrust
Air Pods Case	Apple	A2564	D4L5XXFMXG	UnionTrust
Apple Watch Series 5	Apple	MWV82CH/A	G99CCKJ7MLTK	UnionTrust
Apple Watch Series 8	Apple	MNP63CH/A	JQWXPWC26D	UnionTrust
Intelligent wireless charging full function test module	YBZ	F18/19	A1240303B	UnionTrust
USB-C Power Adapter	Apple	A1947	N/A	UnionTrust
Switching power adapter	HUAWEI	HW-200325CP1	FL1303NAL01655	UnionTrust

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)

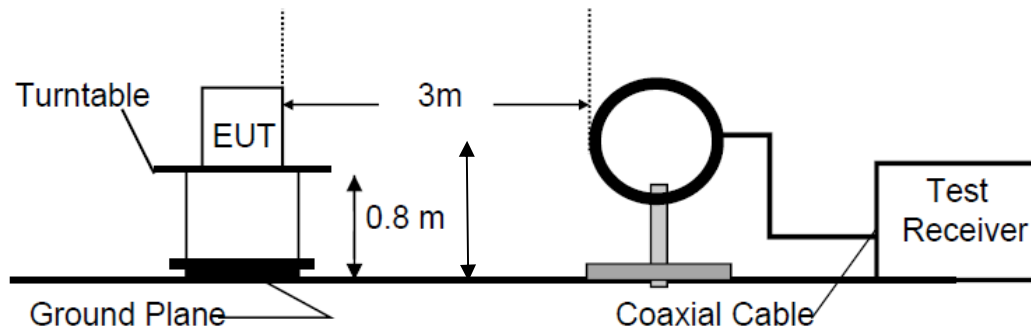


Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

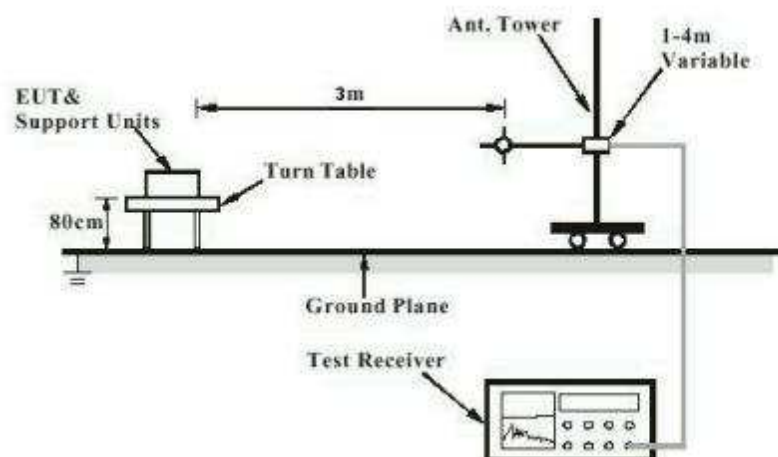
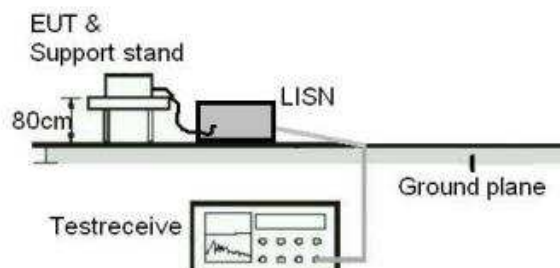


Diagram of Measurement Configuration for Mains Conduction Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard : Part 15.203
the use of antennas with directional gains that do not exceed 6 dBi

According to the manufacturer declared, the EUT has 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 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	: 2024-09-02 to 2024-09-03
Input voltage	: AC 120V, 60Hz
Operation mode	: Mode 1~9
Ambient temperature	: 23.6 °C
Relative humidity	: 54.8 %
Atmospheric pressure	: 100.0 kPa

For the measurement records, refer to the appendix A.

Use the following spectrum analyzer settings:

1. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency
2. Span = approximately 2 to 5times the OBW
3. RBW = 1% to 5%of the OBW
4. VBW $\geq 3 \cdot$ RBW
5. Sweep = auto
6. Detector function = peak
7. Trace = max hold
8. All the trace to stabilize, use the marker-to-peak function to set the marker to the peak of the emission, use the marker-delta function to measure and record the 99% bandwidth of the emission

5.1.3 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 to 2024-09-02
Input voltage	: AC 120V, 60Hz
Operation mode	: Mode 1~9
Ambient temperature	: Refer to test result
Relative humidity	: Refer to test result
Atmospheric pressure	: Refer to test result

For the measurement records, refer to the appendix A.

Note:

Measurements are to be taken in dBuV/m, corrected, and the end result shall be mathematically converted to the dBuA/m for RSS and presented against the correct limit.

$E [dB\mu A/m] = AF [dBS/m] + V [dB\mu V] + \text{Cable loss [dB]}$

$E [dB\mu A/m]$ is the magnetic field strength (Final Test results)

$AF [dBS/m]$ is the magnetic antenna factor of the antenna (H-field)

$V [dB\mu V]$ is the reading level on the spectrum analyzer

Note that when using the $AF [dBS/m]$ the 51.5 dB is already account for into the antenna factor.

Measurement bandwidth:

9 kHz – 150 kHz: RBW = 200 / 300 Hz

150 kHz – 30 MHz: RBW = 9 / 10 kHz

30 MHz -1000 MHz: RBW = 100 / 120 kHz

Test Procedure for 9kHz-30MHz

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The Loop Antenna centre which was at 1.3 m height above the ground plane.
3. The projection of the loop antenna centre onto the ground plane was at the measurement distance (3m) from the projection on the ground plane of the closest point on the boundary of the EUT.
4. The measurements were performed with the loop antenna placed vertically, in turn, in two polarizations:
5. coaxial (loop plane perpendicular to the ground plane and to the measurement axis); and
6. coplanar (loop plane perpendicular to the ground plane and coplanar with the measurement axis).

Test Procedures for 30MHz-1GHz:

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

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3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum HoldMode.
6. If the emission level of the EUT in peak mode was 3dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 3dB margin would be re-tested one by one using peak, quasi-peak as specified and then reported in a data sheet.

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5.1.4 Conducted Emission on AC Mains

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.207(a)
Basic standard	: ANSI C63.10: 2013
Frequency range	: 0.15 – 30MHz
Limits	: FCC Part 15.207(a)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2024-08-20
Input voltage	: AC 120V, 60Hz
Operation mode	: Mode 1~9
Earthing	: Not connected
Ambient temperature	: 22.9 °C
Relative humidity	: 64.8 %
Atmospheric pressure	: 100.2 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.2: TEST RESULTS OF RADIATED SPURIOUS EMISSION	4
APPENDIX A.3: TEST RESULTS OF CONDUCTED EMISSION ON AC MAINS	31

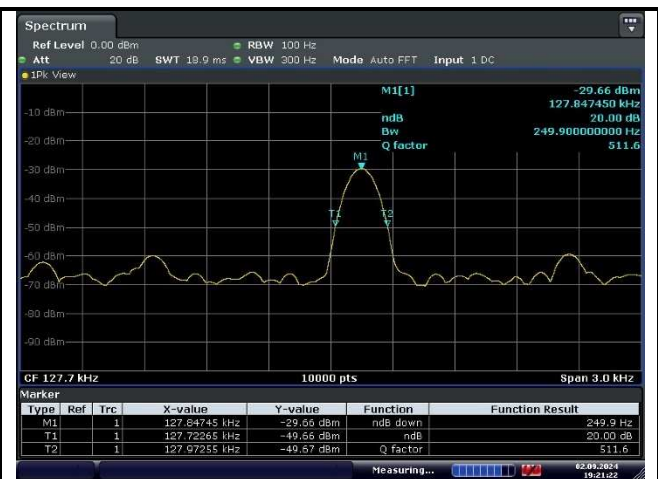
Appendix A.1: Test Results of 20dB Bandwidth

Frequency	20 dB Bandwidth (Hz)
Output 1: 360kHz (15W)	260.7
Output 1: 127.7kHz (7.5W)	249.9
Output 1: 127.7kHz (5W)	252
Output 2: 326.5kHz (2.5W)	248.1
Output 2: 1.778MHz (5W)	286.5
Output 3: 110.5-205kHz (5W)	412.5

The test plot as follows:



Date: 2.887.2024 19:08:15



Date: 2.887.2024 19:11:23

Output 1: 360kHz



Date: 2.887.2024 19:17:10

Output 1: 127.7kHz

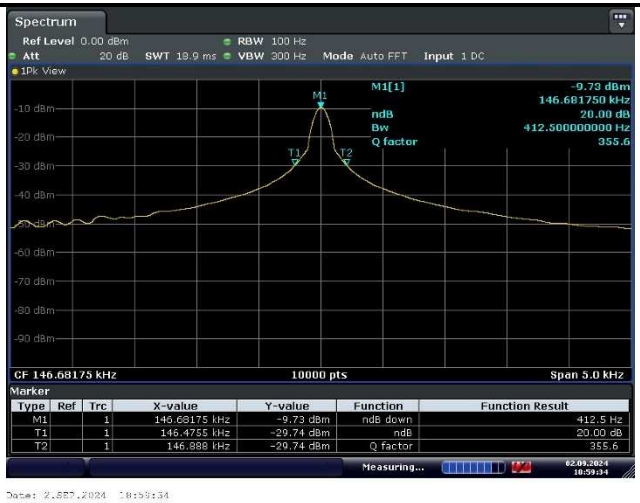


Date: 2.887.2024 19:11:43

Output 2: 326.5kHz



Output 2: 1.778MHz



Output 3: 110.5-205kHz

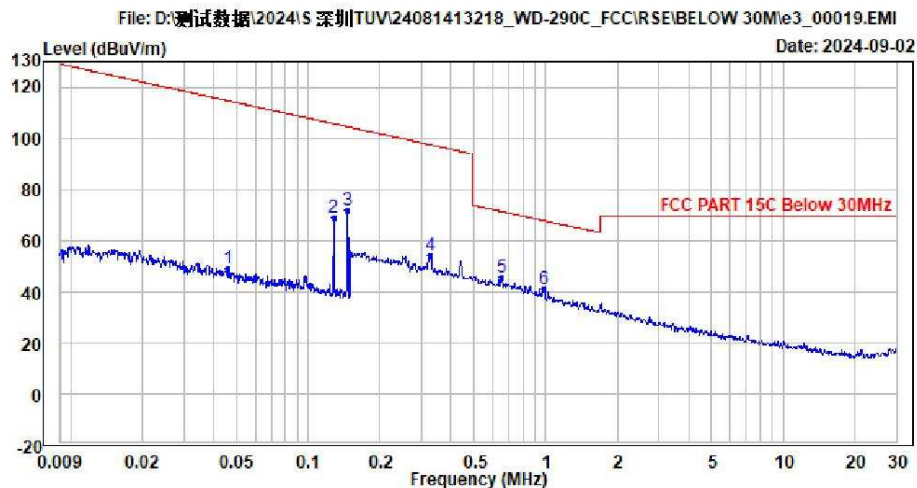
Appendix A.2: Test Results of Radiated Spurious Emission

*Note1: Model WD-290C is identical with HJ3320.

Note2: The highest waveform in the figure is WPT Fundamental.



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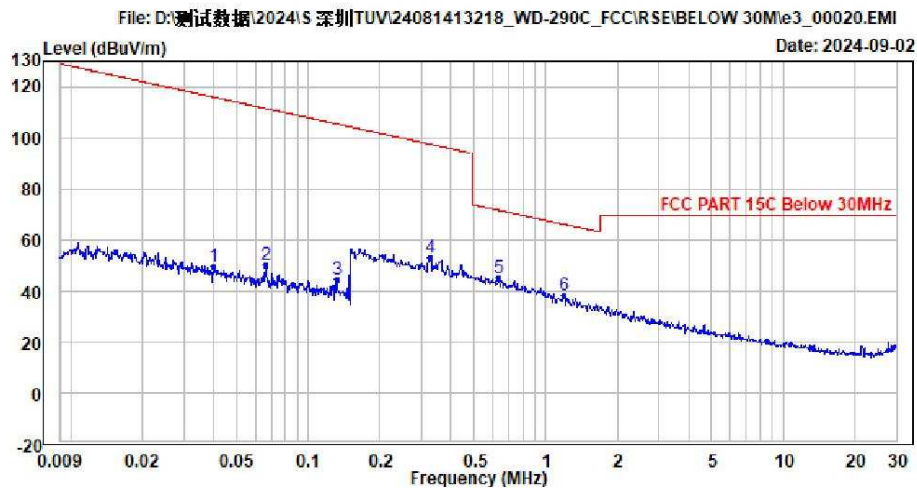


Condition : 3m Horizontal
Temp.(C)/Hum.(%) : 24.6(C)/57.2(%)
Press : 99.9kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_1 : Standby
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	0.046	48.85	66.99	11.44	0.00	0.02	29.60	114.67	-65.82	Peak
2	0.128	69.12	87.25	11.47	0.00	0.00	29.60	105.64	-36.52	Peak
3	0.147	71.61	89.88	11.33	0.00	0.00	29.60	104.40	-32.79	Peak
4	0.327	53.99	72.33	11.25	0.00	0.01	29.60	97.38	-43.39	Peak
5 PP	0.650	45.42	63.81	11.20	0.00	0.01	29.60	71.35	-25.93	Peak
6	0.984	40.90	59.25	11.20	0.00	0.05	29.60	67.76	-26.86	Peak



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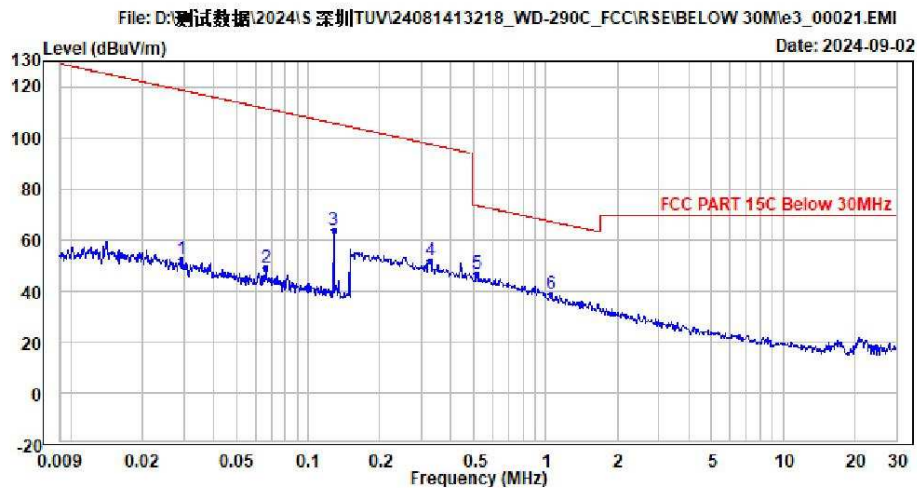


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.6(C)/57.2(%)
Press : 99.9kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_2 : Output 1: 360kHz + iPhone 14 Plus (15W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	0.040	49.75	67.41	11.91	0.00	0.03	29.60	115.89	-66.14	Peak
2	0.066	50.00	68.41	11.18	0.00	0.01	29.60	111.44	-61.44	Peak
3	0.132	44.29	62.41	11.48	0.00	0.00	29.60	105.34	-61.05	Peak
4	0.326	53.24	71.58	11.25	0.00	0.01	29.60	97.39	-44.15	Peak
5 PP	0.635	45.19	63.58	11.20	0.00	0.01	29.60	71.55	-26.36	Peak
6	1.202	38.23	56.61	11.16	0.00	0.06	29.60	66.03	-27.80	Peak



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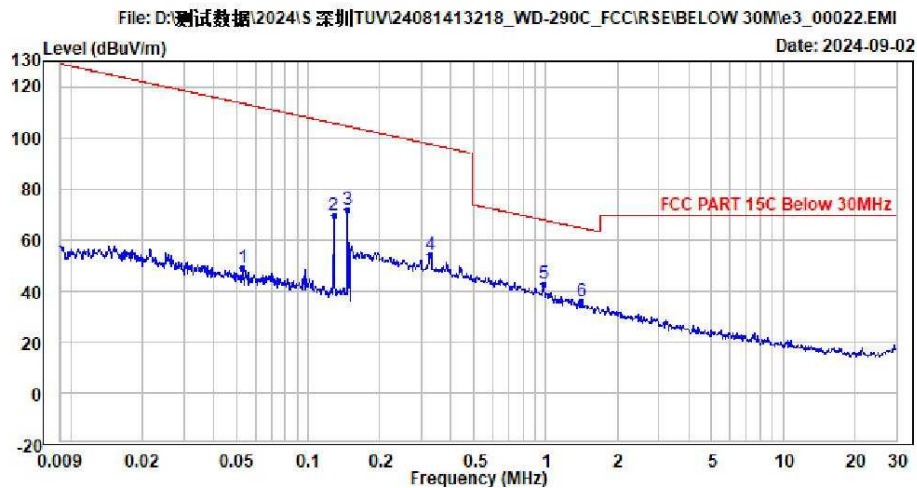


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.6(C)/57.2(%)
Press : 99.9kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_3 : Output 1: 127.7kHz + iPhone 11 (7.5W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	0.029	52.67	69.34	12.88	0.00	0.05	29.60	118.59	-65.92	Peak
2	0.066	48.93	67.34	11.18	0.00	0.01	29.60	111.44	-62.51	Peak
3	0.128	63.68	81.81	11.47	0.00	0.00	29.60	105.64	-41.96	Peak
4	0.326	52.02	70.36	11.25	0.00	0.01	29.60	97.39	-45.37	Peak
5 PP	0.512	46.90	65.29	11.20	0.00	0.01	29.60	73.41	-26.51	Peak
6	1.047	38.68	57.04	11.19	0.00	0.05	29.60	67.23	-28.55	Peak



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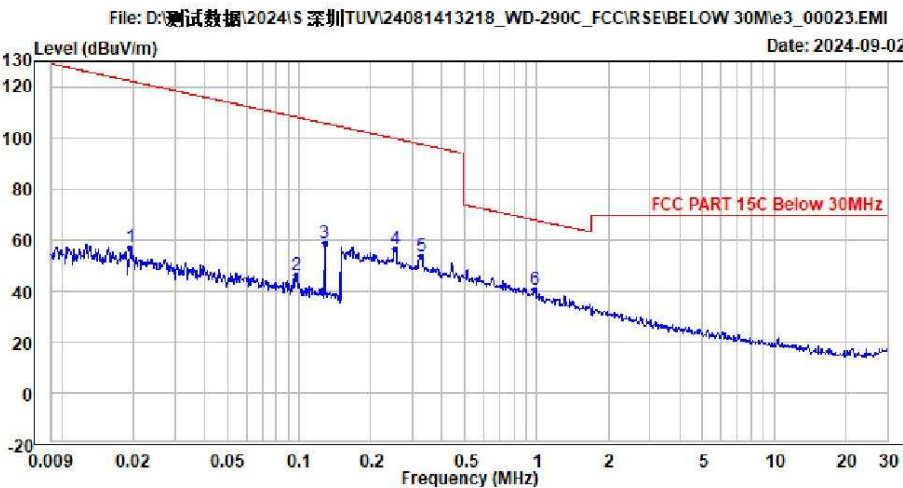


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.6(C)/57.2(%)
Press : 99.9kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_4 : Output 1: 127.7kHz + Test module (5W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	0.053	49.22	67.70	11.11	0.00	0.01	29.60	113.45	-64.23	Peak
2	0.128	69.67	87.80	11.47	0.00	0.00	29.60	105.64	-35.97	Peak
3	0.147	72.03	90.30	11.33	0.00	0.00	29.60	104.40	-32.37	Peak
4	0.327	53.89	72.23	11.25	0.00	0.01	29.60	97.38	-43.49	Peak
5 PP	0.977	42.59	60.94	11.20	0.00	0.05	29.60	67.83	-25.24	Peak
6	1.412	36.12	54.51	11.12	0.00	0.08	29.59	64.63	-28.51	Peak



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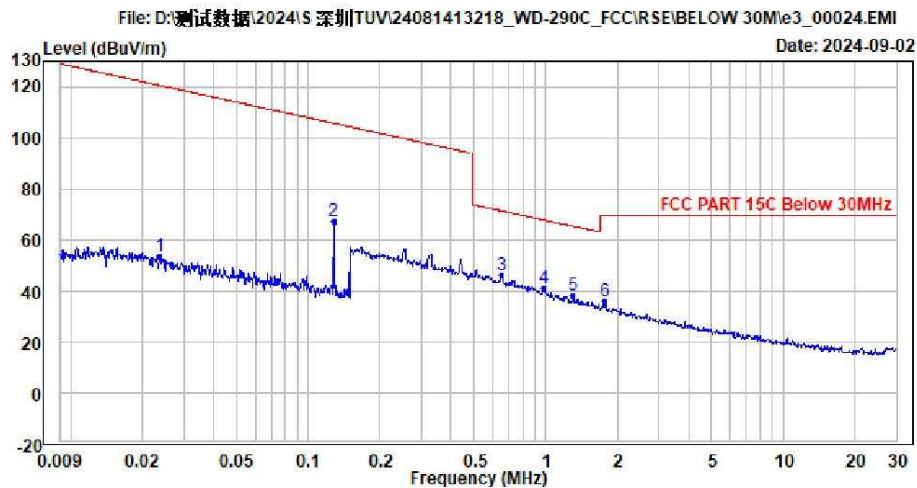


Condition : 3m Horizontal
 Temp.(C)/Hum.(%): 24.6(C)/57.2(%)
 Press : 99.9kpa
 Product : 3 IN 1 Wireless Charger
 Model No. : WD-290C
 Power Rating : AC_120V/60Hz
 Test Engineer : Linson
 Test Mode : Test_Mode_5 : Output 2: 326.5kHz + -Watch S5 (2.5W)
 Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	0.020	57.05	71.00	15.58	0.00	0.07	29.60	122.18	-65.13	Peak
2	0.097	46.24	64.51	11.33	0.00	0.00	29.60	108.03	-61.79	Peak
3	0.128	58.63	76.76	11.47	0.00	0.00	29.60	105.64	-47.01	Peak
4	0.255	56.52	74.84	11.27	0.00	0.01	29.60	99.56	-43.04	Peak
5	0.327	53.60	71.94	11.25	0.00	0.01	29.60	97.38	-43.78	Peak
6 PP	0.984	40.68	59.03	11.20	0.00	0.05	29.60	67.76	-27.08	Peak



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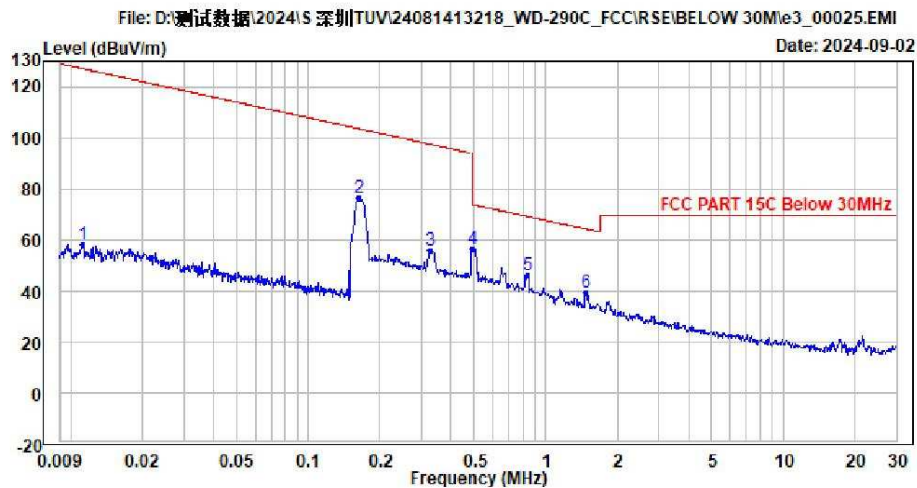


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.6(C)/57.2(%)
Press : 99.9kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_6 : Output 2: 1.778MHz + i-Watch S8 (5W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	0.024	53.58	68.70	14.42	0.00	0.06	29.60	120.45	-66.87	Peak
2	0.128	67.48	85.61	11.47	0.00	0.00	29.60	105.64	-38.16	Peak
3 PP	0.650	46.36	64.75	11.20	0.00	0.01	29.60	71.35	-24.99	Peak
4	0.977	41.27	59.62	11.20	0.00	0.05	29.60	67.83	-26.56	Peak
5	1.308	37.95	56.33	11.14	0.00	0.07	29.59	65.30	-27.35	Peak
6	1.778	36.09	54.53	11.04	0.00	0.10	29.58	69.50	-33.41	Peak



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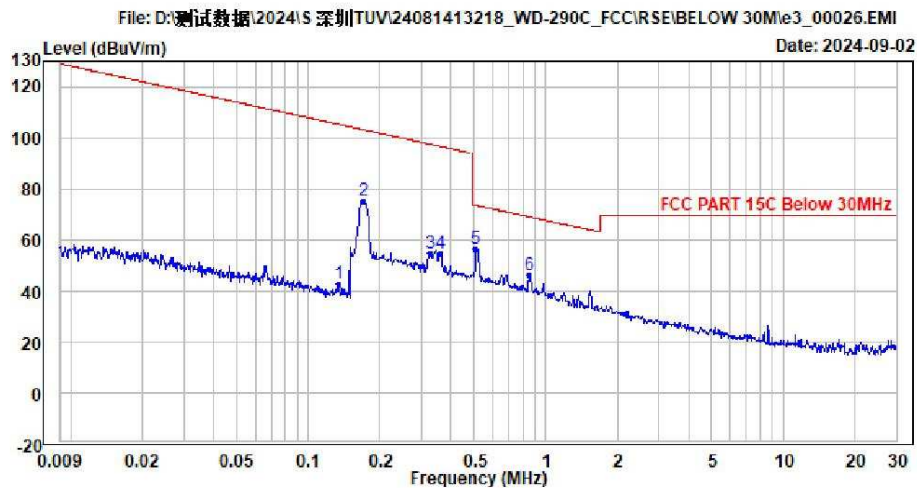


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.6(C)/57.2(%)
Press : 99.9kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_7 : Output 3: 110.5-205kHz + AirPods Case (5W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	0.011	58.35	70.00	17.86	0.00	0.09	29.60	127.03	-68.68	Peak
2	0.163	76.39	94.69	11.30	0.00	0.00	29.60	103.48	-27.09	Peak
3	0.327	56.02	74.36	11.25	0.00	0.01	29.60	97.38	-41.36	Peak
4	0.489	56.50	74.89	11.20	0.00	0.01	29.60	93.81	-37.31	Peak
5 PP	0.841	46.40	64.78	11.20	0.00	0.02	29.60	69.12	-22.72	Peak
6	1.479	39.32	57.73	11.10	0.00	0.08	29.59	64.23	-24.91	Peak



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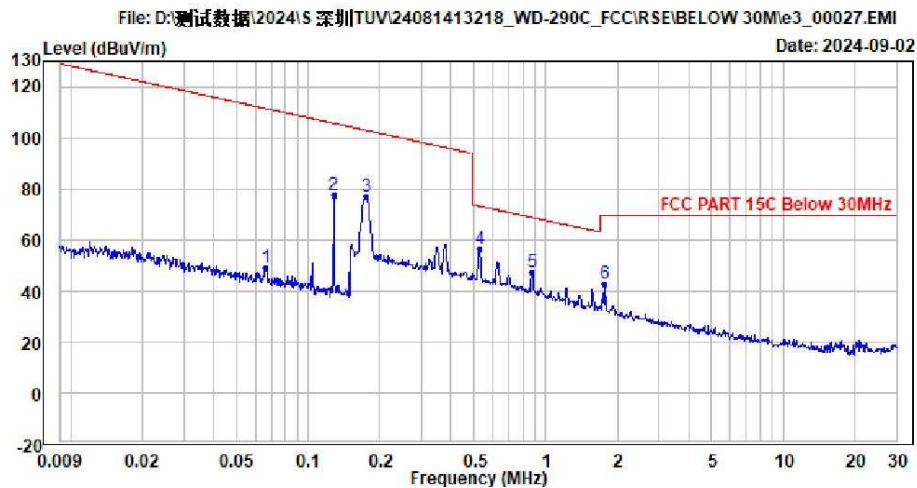


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.6(C)/57.2(%)
Press : 99.9kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_8 : Output 1: 360kHz&iPhone 14 Plus (15W)
+ Output 2: 326.5kHz&i-Watch 5 (2.5W) + Output 3: 110.5-205kHz&AiPods Case

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	0.133	42.54	60.67	11.47	0.00	0.00	29.60	105.27	-62.73	Peak
2	0.170	75.39	93.70	11.29	0.00	0.00	29.60	103.14	-27.75	Peak
3	0.327	54.96	73.30	11.25	0.00	0.01	29.60	97.38	-42.42	Peak
4	0.360	54.83	73.18	11.24	0.00	0.01	29.60	96.51	-41.68	Peak
5 PP	0.509	56.54	74.93	11.20	0.00	0.01	29.60	73.48	-16.94	Peak
6	0.851	46.19	64.56	11.20	0.00	0.03	29.60	69.02	-22.83	Peak



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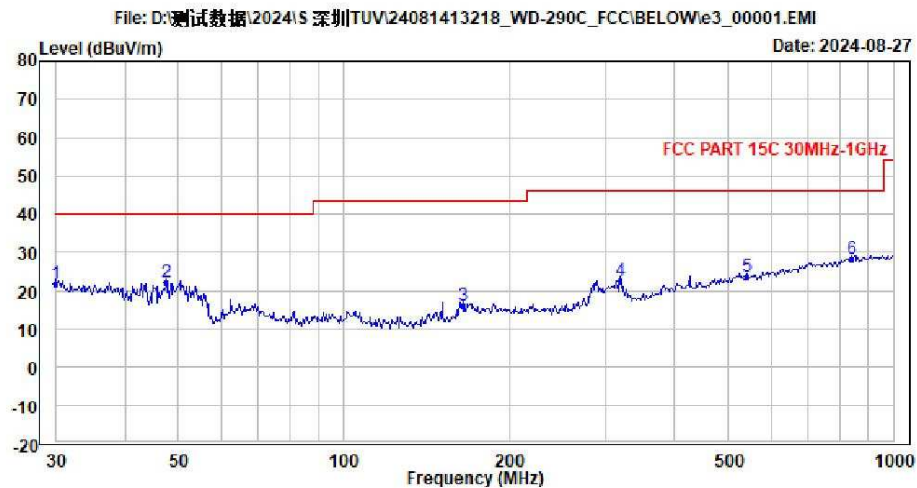


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 24.6(C)/57.2(%)
Press : 99.9kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_9 : Output 1: 127.7kHz &Test module (5W)
+ Output 2: 1.778MHz&i-Watch 8 (5W) + Output 3: 110.5-205kHz&AiPods Case

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	0.066	49.24	67.65	11.18	0.00	0.01	29.60	111.41	-62.17	Peak
2	0.128	77.76	95.89	11.47	0.00	0.00	29.60	105.64	-27.88	Peak
3	0.175	77.16	95.47	11.29	0.00	0.00	29.60	102.87	-25.71	Peak
4 PP	0.524	56.25	74.64	11.20	0.00	0.01	29.60	73.21	-16.96	Peak
5	0.877	47.28	65.65	11.20	0.00	0.03	29.60	68.76	-21.48	Peak
6	1.778	42.78	61.22	11.04	0.00	0.10	29.58	69.50	-26.72	Peak



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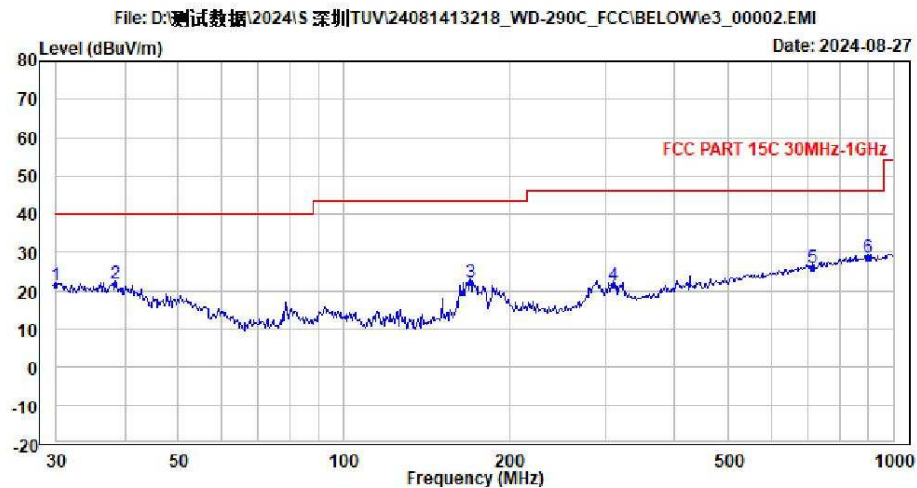


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_1 : Standby
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	30.000	22.00	26.08	24.20	0.00	0.62	28.90	40.00	-18.00	QP
2	47.639	22.05	35.13	15.01	0.00	0.81	28.90	40.00	-17.95	QP
3	165.462	16.17	29.10	14.74	0.00	1.30	28.97	43.50	-27.33	QP
4	318.720	22.76	31.11	19.07	0.00	1.70	29.12	46.00	-23.24	QP
5	540.685	23.63	25.29	25.60	0.00	2.15	29.41	46.00	-22.37	QP
6 PP	841.317	28.16	24.41	30.23	0.00	2.66	29.14	46.00	-17.84	QP



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Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_1 : Standby
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	30.000	21.34	25.42	24.20	0.00	0.62	28.90	40.00	-18.66	QP
2	38.483	21.74	29.34	20.46	0.00	0.84	28.90	40.00	-18.26	QP
3	169.720	22.13	34.22	15.57	0.00	1.31	28.97	43.50	-21.37	QP
4	309.148	21.56	30.12	18.88	0.00	1.67	29.11	46.00	-24.44	QP
5	711.420	26.05	24.16	28.83	0.00	2.39	29.33	46.00	-19.95	QP
6 PP	898.776	28.55	23.84	30.98	0.00	2.78	29.05	46.00	-17.45	QP



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Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_2 : Output 1:360kHz + iPhone 14 Plus (15W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	32.049	25.58	31.72	22.09	0.00	0.67	28.90	40.00	-14.42	QP
2	63.002	21.73	38.87	10.90	0.00	0.86	28.90	40.00	-18.27	QP
3	168.859	36.68	48.84	15.50	0.00	1.31	28.97	43.50	-6.82	QP
4 PP	179.478	37.52	49.35	15.80	0.00	1.35	28.98	43.50	-5.98	QP
5	655.863	25.85	25.44	27.50	0.00	2.33	29.42	46.00	-20.15	QP
6	871.784	28.30	24.03	30.64	0.00	2.72	29.09	46.00	-17.70	QP



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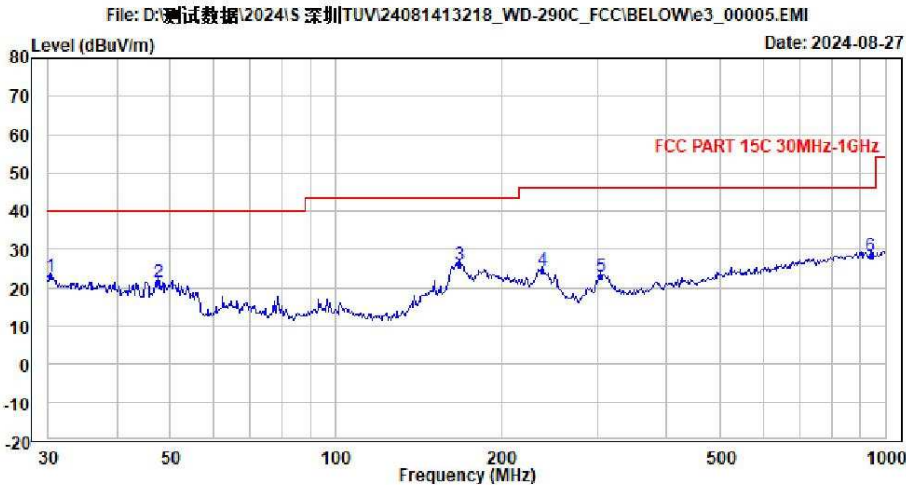


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_2 : Output 1:360kHz + iPhone 14 Plus (15W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	34.064	23.81	30.39	21.59	0.00	0.73	28.90	40.00	-16.19	QP
2	47.639	21.85	34.93	15.01	0.00	0.81	28.90	40.00	-18.15	QP
3 PP	167.152	31.29	43.70	15.25	0.00	1.31	28.97	43.50	-12.21	QP
4	236.152	28.42	39.13	16.82	0.00	1.51	29.04	46.00	-17.58	QP
5	317.104	25.55	33.94	19.04	0.00	1.69	29.12	46.00	-20.45	QP
6	885.177	28.47	23.89	30.90	0.00	2.75	29.07	46.00	-17.53	QP



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Condition : 3m Horizontal
 Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
 Press : 100.0kpa
 Product : 3 IN 1 Wireless Charger
 Model No. : WD-290C
 Power Rating : AC_120V/60Hz
 Test Engineer : Linson
 Test Mode : Test_Mode_3 : Output 1:127.7kHz + iPhone 11 (7.5W)
 Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	PP	30.306	22.79	27.44	23.62	0.00	0.63	28.90	40.00	-17.21 QP
2		47.639	21.60	34.68	15.01	0.00	0.81	28.90	40.00	-18.40 QP
3		168.003	26.02	38.18	15.50	0.00	1.31	28.97	43.50	-17.48 QP
4		238.565	24.59	35.25	16.87	0.00	1.51	29.04	46.00	-21.41 QP
5		304.471	22.98	31.65	18.77	0.00	1.66	29.10	46.00	-23.02 QP
6		940.839	28.41	23.42	31.02	0.00	2.96	28.99	46.00	-17.59 QP



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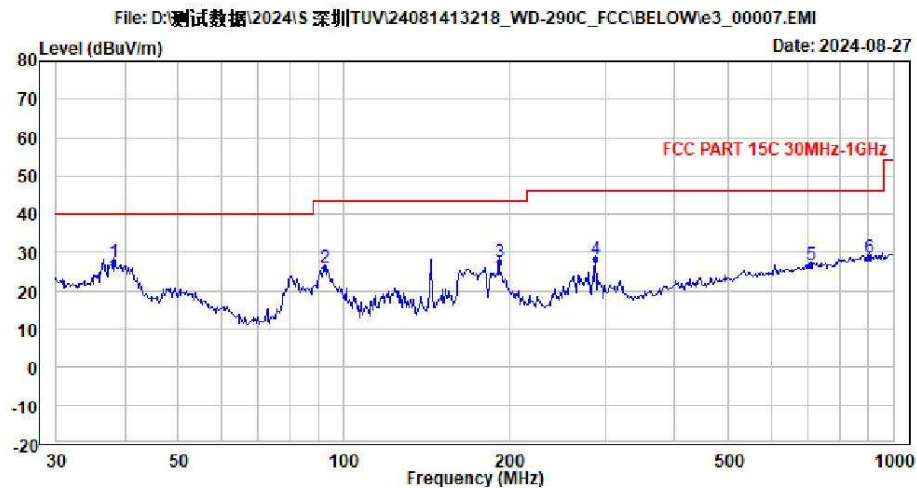


Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_3 : Output 1:127.7kHz + iPhone 11 (7.5W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	30.000	24.59	28.67	24.20	0.00	0.62	28.90	40.00	-15.41	QP
2	79.190	22.72	40.94	9.74	0.00	0.94	28.90	40.00	-17.28	QP
3 PP	168.859	32.06	44.22	15.50	0.00	1.31	28.97	43.50	-11.44	QP
4	193.694	29.27	40.58	16.27	0.00	1.41	28.99	43.50	-14.23	QP
5	767.772	26.92	24.60	29.06	0.00	2.51	29.25	46.00	-19.08	QP
6	945.632	29.05	23.94	31.11	0.00	2.98	28.98	46.00	-16.95	QP



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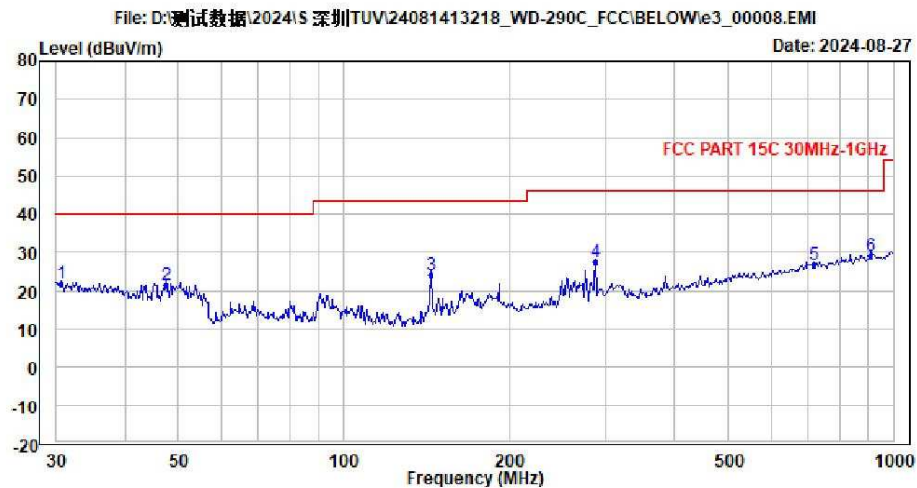


Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_4 : Output 1:127.7kHz + Test module (5W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1 PP	38.288	27.53	34.99	20.60	0.00	0.84	28.90	40.00	-12.47	QP
2	92.232	25.88	42.05	11.72	0.00	1.01	28.90	43.50	-17.62	QP
3	191.735	27.53	39.22	15.90	0.00	1.40	28.99	43.50	-15.97	QP
4	287.917	28.18	37.53	18.12	0.00	1.62	29.09	46.00	-17.82	QP
5	707.814	26.58	24.73	28.80	0.00	2.39	29.34	46.00	-19.42	QP
6	903.355	28.82	23.94	31.13	0.00	2.79	29.04	46.00	-17.18	QP



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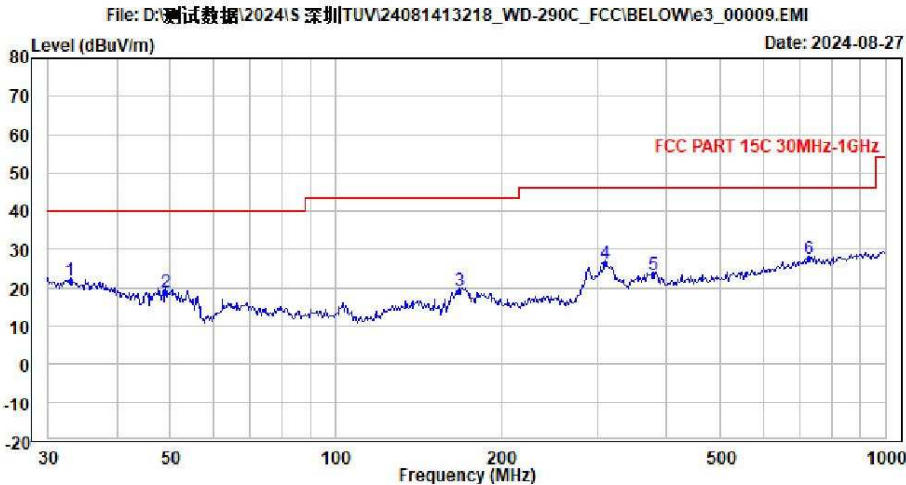


Condition : 3m Horizontal
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_4 : Output 1:127.7kHz + Test module (5W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	30.616	21.67	26.90	23.03	0.00	0.64	28.90	40.00	-18.33	QP
2	47.639	21.56	34.64	15.01	0.00	0.81	28.90	40.00	-18.44	QP
3	144.247	24.26	39.18	12.80	0.00	1.22	28.94	43.50	-19.24	QP
4	287.917	27.39	36.74	18.12	0.00	1.62	29.09	46.00	-18.61	QP
5	718.688	26.62	24.70	28.83	0.00	2.41	29.32	46.00	-19.38	QP
6 PP	907.958	29.08	24.17	31.14	0.00	2.81	29.04	46.00	-16.92	QP



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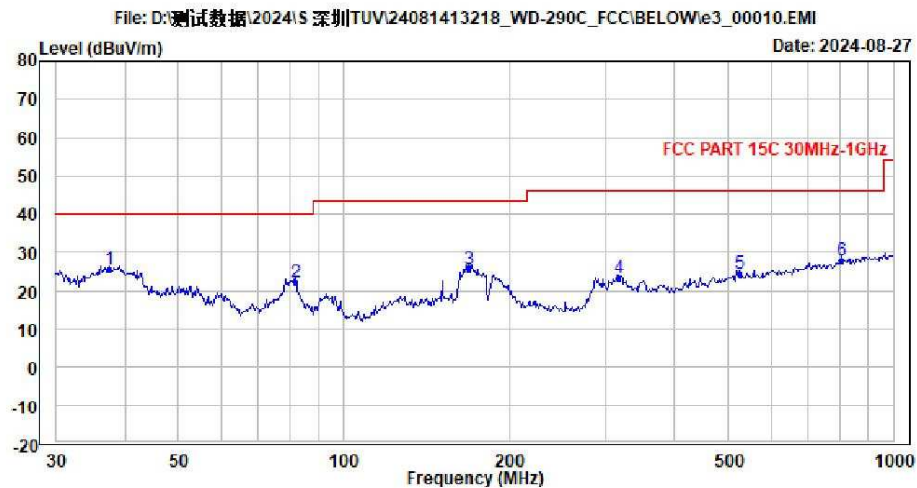


Condition : 3m Horizontal
 Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
 Press : 100.0kpa
 Product : 3 IN 1 Wireless Charger
 Model No. : WD-290C
 Power Rating : AC_120V/60Hz
 Test Engineer : Linson
 Test Mode : Test_Mode_5 : Output 2: 326.5kHz + i-Watch S5 (2.5W)
 Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1 PP	32.874	21.70	28.07	21.84	0.00	0.69	28.90	40.00	-18.30	QP
2	49.114	18.96	32.29	14.77	0.00	0.80	28.90	40.00	-21.04	QP
3	168.003	19.10	31.26	15.50	0.00	1.31	28.97	43.50	-24.40	QP
4	309.148	26.28	34.84	18.88	0.00	1.67	29.11	46.00	-19.72	QP
5	378.835	23.29	28.94	21.68	0.00	1.85	29.18	46.00	-22.71	QP
6	726.030	27.39	25.38	28.90	0.00	2.42	29.31	46.00	-18.61	QP



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Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_5 : Output 2: 326.5kHz + i-Watch S5 (2.5W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1 PP	37.517	25.57	32.71	20.94	0.00	0.82	28.90	40.00	-14.43	QP
2	81.642	22.36	40.15	10.16	0.00	0.95	28.90	40.00	-17.64	QP
3	168.859	25.75	37.91	15.50	0.00	1.31	28.97	43.50	-17.75	QP
4	317.104	23.18	31.57	19.04	0.00	1.69	29.12	46.00	-22.82	QP
5	527.120	24.33	26.16	25.44	0.00	2.12	29.39	46.00	-21.67	QP
6	803.704	27.95	24.81	29.75	0.00	2.58	29.19	46.00	-18.05	QP



Shenzhen UnionTrust Quality and Technology Co., Ltd.



Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_6 : Output 2: 1.778MHz + i-Watch S8 (5W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1 PP	39.473	31.56	39.96	19.63	0.00	0.87	28.90	40.00	-8.44	QP
2	81.642	23.86	41.65	10.16	0.00	0.95	28.90	40.00	-16.14	QP
3	168.859	24.56	36.72	15.50	0.00	1.31	28.97	43.50	-18.94	QP
4	318.720	28.57	36.92	19.07	0.00	1.70	29.12	46.00	-17.43	QP
5	715.045	26.26	24.29	28.90	0.00	2.40	29.33	46.00	-19.74	QP
6	926.604	28.30	23.45	30.97	0.00	2.89	29.01	46.00	-17.70	QP



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Condition : 3m Horizontal
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_6 : Output 2: 1.778MHz + i-Watch S8 (5W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	36.762	23.83	30.76	21.17	0.00	0.80	28.90	40.00	-16.17	QP
2	168.859	20.38	32.54	15.50	0.00	1.31	28.97	43.50	-23.12	QP
3 PP	315.497	30.47	38.89	19.01	0.00	1.69	29.12	46.00	-15.53	QP
4	376.914	27.21	33.06	21.49	0.00	1.84	29.18	46.00	-18.79	QP
5	715.045	27.73	25.76	28.90	0.00	2.40	29.33	46.00	-18.27	QP
6	945.632	29.00	23.89	31.11	0.00	2.98	28.98	46.00	-17.00	QP



Shenzhen UnionTrust Quality and Technology Co., Ltd.



Condition : 3m Horizontal
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_7 : Output 3: 110.5-205kHz + AirPods Case (5W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	30.616	22.20	27.43	23.03	0.00	0.64	28.90	40.00	-17.80	QP
2	50.378	21.71	35.43	14.39	0.00	0.79	28.90	40.00	-18.29	QP
3	170.584	17.18	29.05	15.78	0.00	1.32	28.97	43.50	-26.32	QP
4	282.124	25.42	35.01	17.88	0.00	1.61	29.08	46.00	-20.58	QP
5 PP	454.888	36.07	40.16	23.20	0.00	1.99	29.28	46.00	-9.93	QP
6	950.450	28.49	23.26	31.20	0.00	3.00	28.97	46.00	-17.51	QP



Shenzhen UnionTrust Quality and Technology Co., Ltd.



Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_7 : Output 3: 110.5-205kHz + AirPods Case (5W)
Remark :

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	40.695	26.11	35.25	18.89	0.00	0.87	28.90	40.00	-13.89	QP
2	51.152	24.02	38.01	14.11	0.00	0.80	28.90	40.00	-15.98	QP
3	168.003	22.46	34.62	15.50	0.00	1.31	28.97	43.50	-21.04	QP
4	285.006	27.11	36.58	18.00	0.00	1.62	29.09	46.00	-18.89	QP
5 PP	450.288	36.45	40.55	23.20	0.00	1.98	29.28	46.00	-9.55	QP
6	898.776	28.60	23.89	30.98	0.00	2.78	29.05	46.00	-17.40	QP



Shenzhen UnionTrust Quality and Technology Co., Ltd.



Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_8 : Output 1: 360kHz&iPhone 14 Plus (15W)
+ Output 2: 326.5kHz&i-Watch 5 (2.5W) + Output 3: 110.5-205kHz&AiPods Case

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	31.245	27.89	33.89	22.25	0.00	0.65	28.90	40.00	-12.11	QP
2	36.950	27.03	34.01	21.12	0.00	0.80	28.90	40.00	-12.97	QP
3	78.789	27.20	45.44	9.72	0.00	0.94	28.90	40.00	-12.80	QP
4	168.003	38.24	50.40	15.50	0.00	1.31	28.97	43.50	-5.26	QP
5 PP	180.392	38.87	50.69	15.80	0.00	1.36	28.98	43.50	-4.63	QP
6	468.972	34.79	38.10	23.98	0.00	2.01	29.30	46.00	-11.21	QP



Shenzhen UnionTrust Quality and Technology Co., Ltd.



Condition : 3m Horizontal
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_8 : Output 1: 360kHz&iPhone 14 Plus (15W)
+ Output 2: 326.5kHz&i-Watch 5 (2.5W) + Output 3: 110.5-205kHz&AiPods Case

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	31.886	23.33	29.44	22.12	0.00	0.67	28.90	40.00	-16.67	QP
2	77.203	20.94	39.11	9.80	0.00	0.93	28.90	40.00	-19.06	QP
3 PP	168.859	32.26	44.42	15.50	0.00	1.31	28.97	43.50	-11.24	QP
4	234.955	28.15	38.87	16.80	0.00	1.51	29.03	46.00	-17.85	QP
5	448.005	32.47	36.52	23.24	0.00	1.98	29.27	46.00	-13.53	QP
6	907.958	28.03	23.12	31.14	0.00	2.81	29.04	46.00	-17.97	QP



Shenzhen UnionTrust Quality and Technology Co., Ltd.



Condition : 3m Horizontal
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_9 : Output 1: 127.7kHz &Test module (5W)
+ Output 2: 1.778MHz&i-Watch 8 (5W) + Output 3: 110.5-205kHz&AiPods Case

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	32.376	22.28	28.51	21.99	0.00	0.68	28.90	40.00	-17.72	QP
2	39.473	23.21	31.61	19.63	0.00	0.87	28.90	40.00	-16.79	QP
3	144.247	23.97	38.89	12.80	0.00	1.22	28.94	43.50	-19.53	QP
4	315.497	28.56	36.98	19.01	0.00	1.69	29.12	46.00	-17.44	QP
5 PP	441.227	33.03	37.02	23.30	0.00	1.97	29.26	46.00	-12.97	QP
6	858.594	28.60	24.52	30.50	0.00	2.69	29.11	46.00	-17.40	QP



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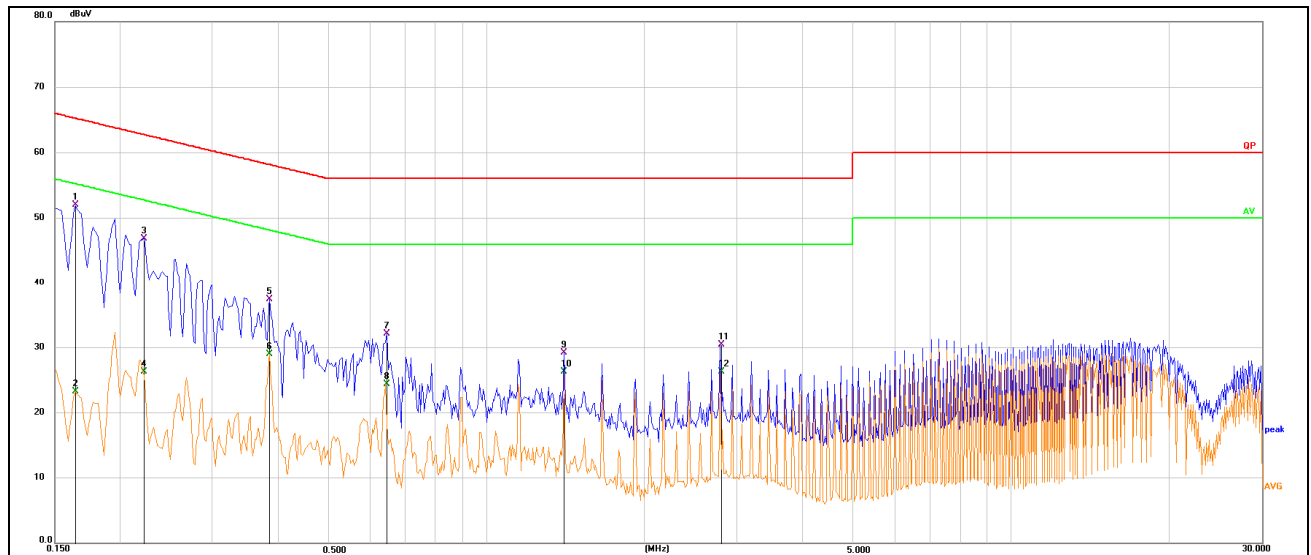


Condition : 3m Vertical
Temp.(C)/Hum.(%): 25.3(C)/54.2(%)
Press : 100.0kpa
Product : 3 IN 1 Wireless Charger
Model No. : WD-290C
Power Rating : AC_120V/60Hz
Test Engineer : Linson
Test Mode : Test_Mode_9 : Output 1: 127.7kHz &Test module (5W)
+ Output 2: 1.778MHz&i-Watch 8 (5W) + Output 3: 110.5-205kHz&AiPods Case

	Freq	Level	Read Level	Ant Factor	Aux Factor	Cable Loss	Preamp Factor	Limit Line	Over Limit	Remark
	MHz	dBuV/m	dBuV	dB/m	dB	dB	dB	dBuV/m	dB	
1	36.762	32.88	39.81	21.17	0.00	0.80	28.90	40.00	-7.12	QP
2 PP	40.284	33.81	42.82	19.01	0.00	0.88	28.90	40.00	-6.19	QP
3	77.992	28.19	46.35	9.80	0.00	0.94	28.90	40.00	-11.81	QP
4	167.152	30.28	42.69	15.25	0.00	1.31	28.97	43.50	-13.22	QP
5	450.288	33.45	37.55	23.20	0.00	1.98	29.28	46.00	-12.55	QP
6	495.934	32.78	35.43	24.64	0.00	2.05	29.34	46.00	-13.22	QP

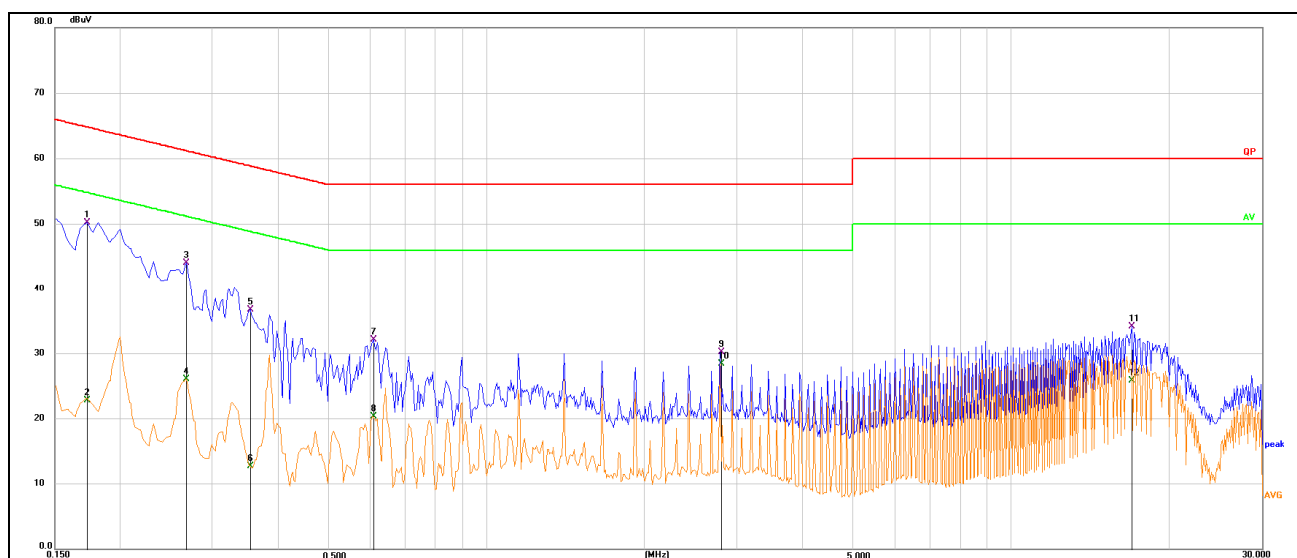
Appendix A.3: Test Results of Conducted Emission on AC Mains

Site:	LAB	Phase: L1	Temperature(°C): 22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 17:33:28
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:	Mode 3:AC/DC adapter. 120V~60Hz,Output 1: 127.7kHz,Output 1: iPhone 11 (7.5W)	Test Engineer:	linson
Note:			



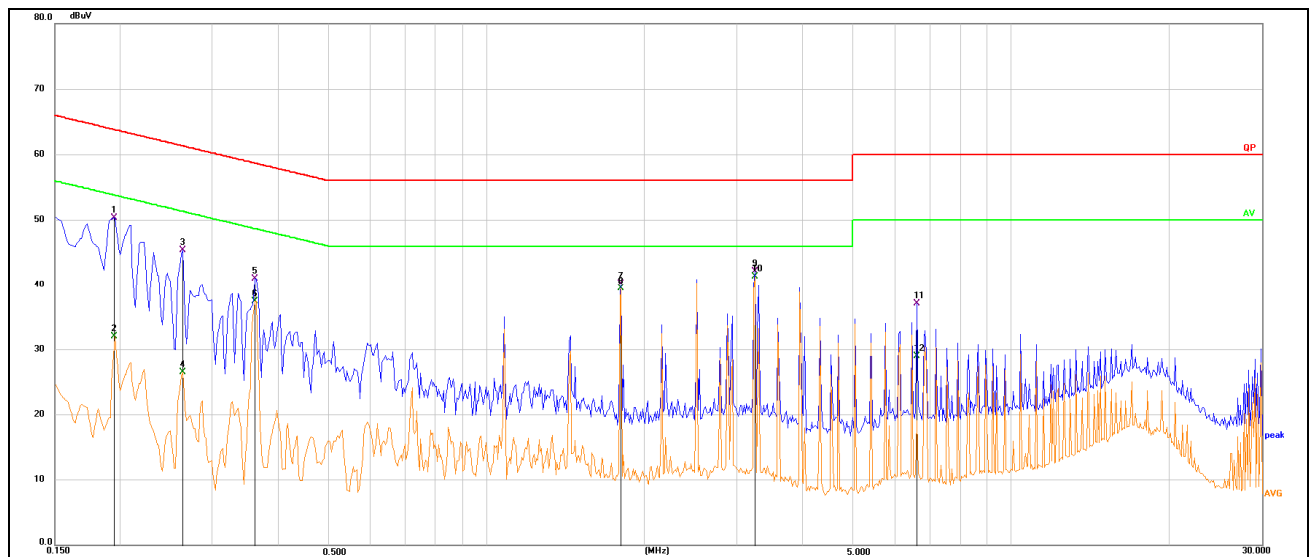
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1635	41.76	10.19	51.95	65.28	-13.33	QP
2	0.1635	13.14	10.19	23.33	55.28	-31.95	AVG
3	0.2220	36.62	10.17	46.79	62.74	-15.95	QP
4	0.2220	16.17	10.17	26.34	52.74	-26.40	AVG
5	0.3840	27.34	10.13	37.47	58.19	-20.72	QP
6	0.3840	18.93	10.13	29.06	48.19	-19.13	AVG
7	0.6450	21.90	10.19	32.09	56.00	-23.91	QP
8	0.6450	14.19	10.19	24.38	46.00	-21.62	AVG
9	1.4054	18.97	10.30	29.27	56.00	-26.73	QP
10	1.4054	16.05	10.30	26.35	46.00	-19.65	AVG
11	2.7869	20.17	10.25	30.42	56.00	-25.58	QP
12	2.7869	16.11	10.25	26.36	46.00	-19.64	AVG

Site:	LAB	Phase: N	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 17:35:38
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:	Mode 3:AC/DC adapter. 120V~60Hz,Output 1: 127.7kHz,Output 1: iPhone 11 (7.5W)	Test Engineer:	linson
Note:			



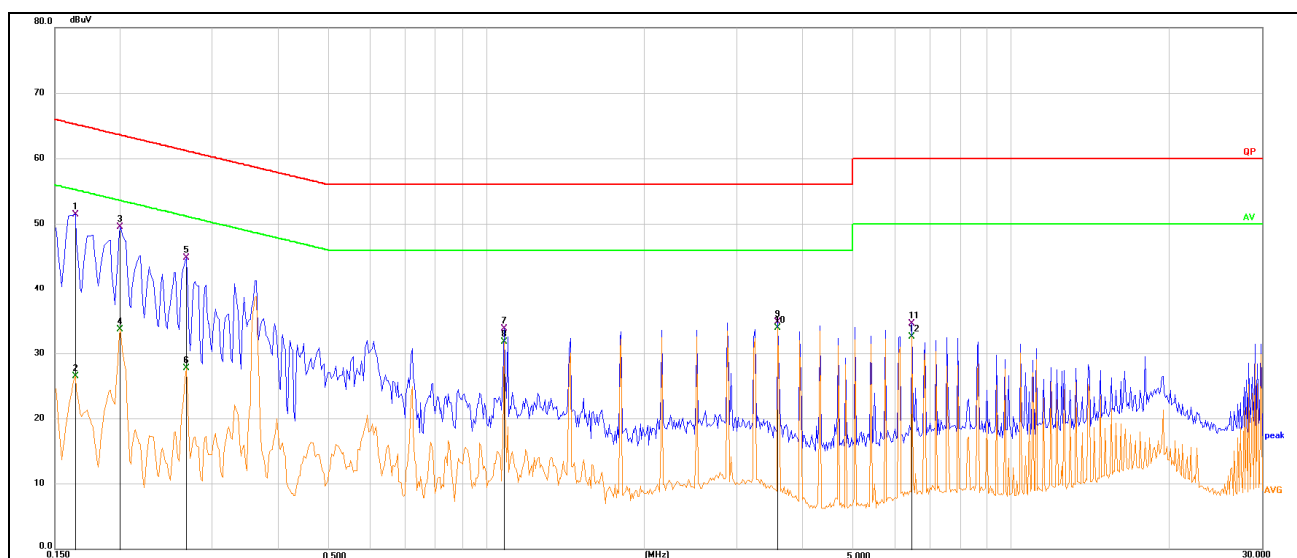
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1724	40.06	10.14	50.20	64.84	-14.64	QP
2	0.1724	12.68	10.14	22.82	54.84	-32.02	AVG
3	0.2670	33.97	10.09	44.06	61.21	-17.15	QP
4	0.2670	15.95	10.09	26.04	51.21	-25.17	AVG
5	0.3524	26.65	10.15	36.80	58.91	-22.11	QP
6	0.3524	2.54	10.15	12.69	48.91	-36.22	AVG
7	0.6090	21.83	10.26	32.09	56.00	-23.91	QP
8	0.6090	10.11	10.26	20.37	46.00	-25.63	AVG
9	2.7869	19.96	10.26	30.22	56.00	-25.78	QP
10	2.7869	18.17	10.26	28.43	46.00	-17.57	AVG
11	17.0025	23.42	10.69	34.11	60.00	-25.89	QP
12	17.0025	15.15	10.69	25.84	50.00	-24.16	AVG

Site:	LAB	Phase: N	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 17:38:15
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:	Mode 2:AC/DC adapter. 120V~60Hz,Output 1: 360kHz,Output 1: iPhone14 Plus (15W)	Test Engineer:	linson
Note:			



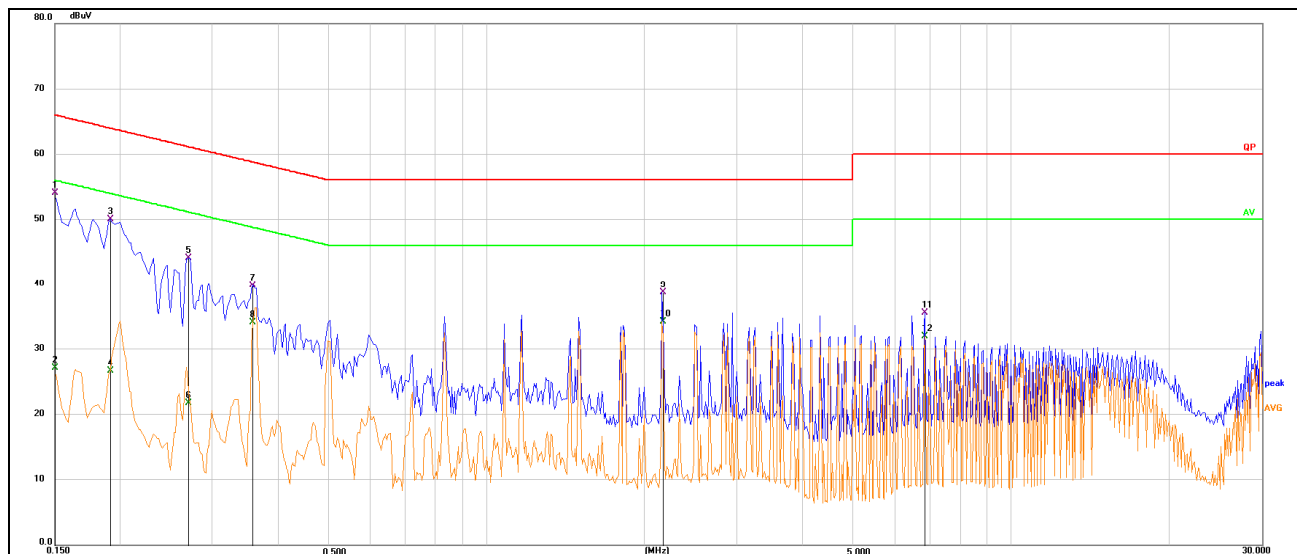
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1949	40.26	10.06	50.32	63.83	-13.51	QP
2	0.1949	22.01	10.06	32.07	53.83	-21.76	AVG
3	0.2625	35.31	10.09	45.40	61.35	-15.95	QP
4	0.2625	16.49	10.09	26.58	51.35	-24.77	AVG
5	0.3614	30.90	10.15	41.05	58.70	-17.65	QP
6	0.3614	27.30	10.15	37.45	48.70	-11.25	AVG
7	1.8015	29.87	10.30	40.17	56.00	-15.83	QP
8	1.8015	29.09	10.30	39.39	46.00	-6.61	AVG
9	3.2414	31.84	10.24	42.08	56.00	-13.92	QP
10	3.2414	31.11	10.24	41.35	46.00	-4.65	AVG
11	6.5940	26.78	10.28	37.06	60.00	-22.94	QP
12	6.5940	18.76	10.28	29.04	50.00	-20.96	AVG

Site:	LAB	Phase: L1	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 17:39:42
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:	Mode 2:AC/DC adapter. 120V~60Hz,Output 1: 360kHz,Output 1: iPhone14 Plus (15W)	Test Engineer:	linson
Note:			



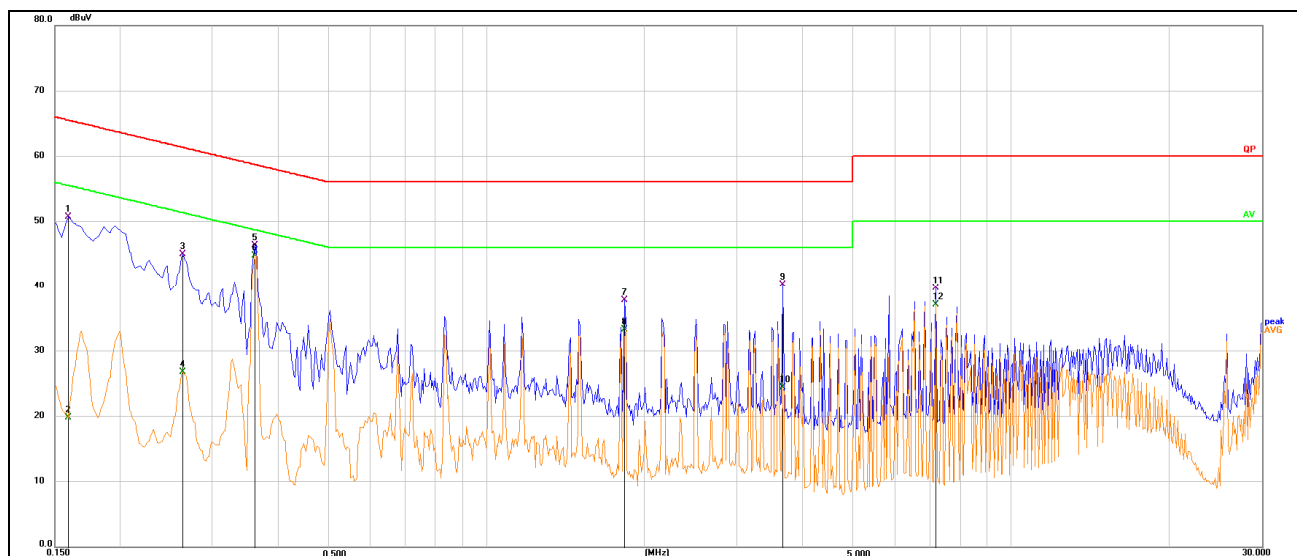
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1635	41.24	10.19	51.43	65.28	-13.85	QP
2	0.1635	16.30	10.19	26.49	55.28	-28.79	AVG
3	0.1995	39.41	10.16	49.57	63.63	-14.06	QP
4	0.1995	23.58	10.16	33.74	53.63	-19.89	AVG
5	0.2670	34.57	10.20	44.77	61.21	-16.44	QP
6	0.2670	17.53	10.20	27.73	51.21	-23.48	AVG
7	1.0814	23.48	10.34	33.82	56.00	-22.18	QP
8	1.0814	21.46	10.34	31.80	46.00	-14.20	AVG
9	3.6015	24.57	10.24	34.81	56.00	-21.19	QP
10	3.6015	23.72	10.24	33.96	46.00	-12.04	AVG
11	6.4813	24.20	10.44	34.64	60.00	-25.36	QP
12	6.4813	22.11	10.44	32.55	50.00	-17.45	AVG

Site:	LAB	Phase: L1	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 17:42:59
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:		Test Engineer:	linson
Note:	Mode 8:120V~60Hz,Output 1: 360kHz ,Output 2: 326.5kHz,Output 3: 110.5-205kHz, Output 1: iPhone 14 Plus (15W),Output 2: i-Watch S5 (2.5W),Output 3:AirPods Case		



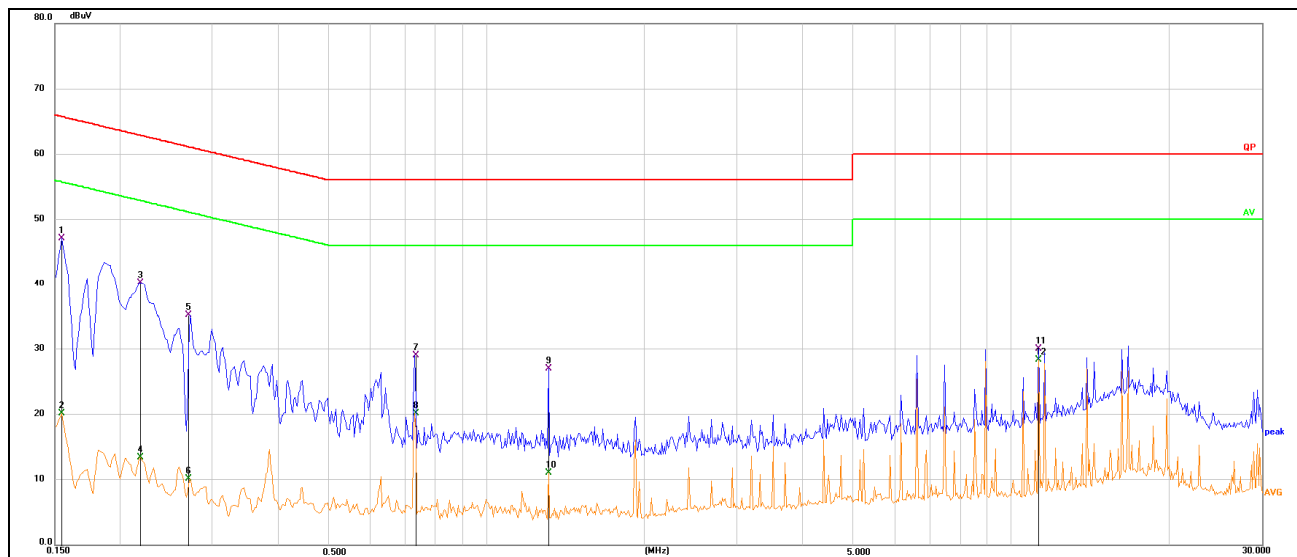
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	43.81	10.20	54.01	66.00	-11.99	QP
2	0.1500	16.94	10.20	27.14	56.00	-28.86	AVG
3	0.1905	39.81	10.16	49.97	64.01	-14.04	QP
4	0.1905	16.47	10.16	26.63	54.01	-27.38	AVG
5	0.2714	33.82	10.20	44.02	61.07	-17.05	QP
6	0.2714	11.55	10.20	21.75	51.07	-29.32	AVG
7	0.3570	29.59	10.16	39.75	58.80	-19.05	QP
8	0.3570	23.91	10.16	34.07	48.80	-14.73	AVG
9	2.1614	28.38	10.24	38.62	56.00	-17.38	QP
10	2.1614	23.93	10.24	34.17	46.00	-11.83	AVG
11	6.8414	25.00	10.48	35.48	60.00	-24.52	QP
12	6.8414	21.41	10.48	31.89	50.00	-18.11	AVG

Site:	LAB	Phase: N	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 17:45:41
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:		Test Engineer:	linson
Note:	Mode 8:120V~60Hz,Output 1: 360kHz ,Output 2: 326.5kHz,Output 3: 110.5-205kHz, Output 1: iPhone 14 Plus (15W),Output 2: i-Watch S5 (2.5W),Output 3:AirPods Case		



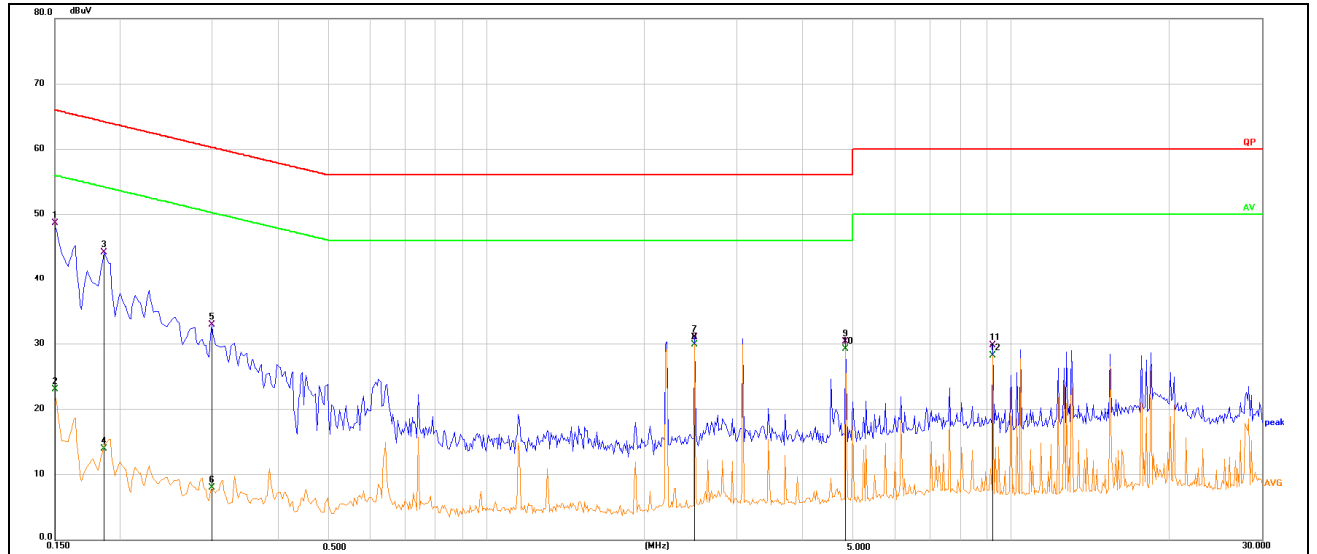
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1590	40.54	10.17	50.71	65.52	-14.81	QP
2	0.1590	9.63	10.17	19.80	55.52	-35.72	AVG
3	0.2625	34.82	10.09	44.91	61.35	-16.44	QP
4	0.2625	16.72	10.09	26.81	51.35	-24.54	AVG
5	0.3614	36.15	10.15	46.30	58.70	-12.40	QP
6	0.3614	34.61	10.15	44.76	48.70	-3.94	AVG
7	1.8330	27.43	10.30	37.73	56.00	-18.27	QP
8	1.8330	23.01	10.30	33.31	46.00	-12.69	AVG
9	3.6644	30.02	10.25	40.27	56.00	-15.73	QP
10	3.6644	14.12	10.25	24.37	46.00	-21.63	AVG
11	7.1970	29.37	10.30	39.67	60.00	-20.33	QP
12	7.1970	26.78	10.30	37.08	50.00	-12.92	AVG

Site:	LAB	Phase: N	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 18:29:14
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:		Test Engineer:	linson
Note:	Mode 1:adapter. 120V~60Hz,Output 1: 360kHz ,Output 1: 127.7kHz, Output 2: 326.5kHz,Output 2: 1.778MHz,Output 3: 110.5-205kHz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1544	36.86	10.18	47.04	65.76	-18.72	QP
2	0.1544	9.91	10.18	20.09	55.76	-35.67	AVG
3	0.2174	30.21	10.06	40.27	62.92	-22.65	QP
4	0.2174	3.31	10.06	13.37	52.92	-39.55	AVG
5	0.2714	25.10	10.09	35.19	61.07	-25.88	QP
6	0.2714	0.05	10.09	10.14	51.07	-40.93	AVG
7	0.7304	18.74	10.24	28.98	56.00	-27.02	QP
8	0.7304	9.94	10.24	20.18	46.00	-25.82	AVG
9	1.3154	16.81	10.22	27.03	56.00	-28.97	QP
10	1.3154	0.80	10.22	11.02	46.00	-34.98	AVG
11	11.2920	19.57	10.46	30.03	60.00	-29.97	QP
12	11.2920	17.82	10.46	28.28	50.00	-21.72	AVG

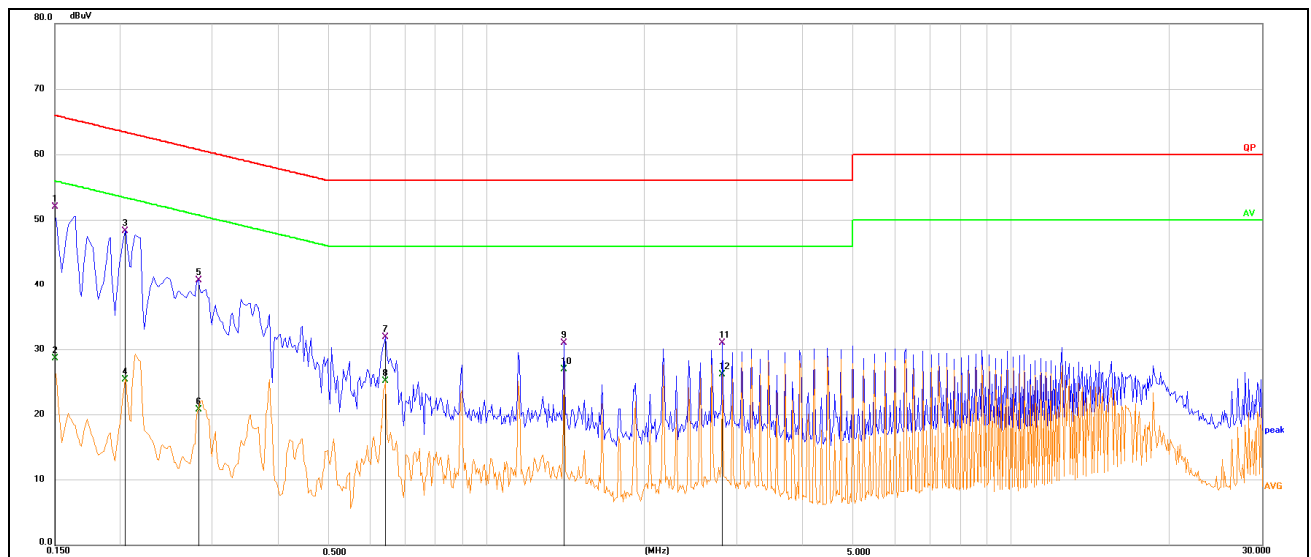
Site:	LAB	Phase: L1	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 18:33:48
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:		Test Engineer:	linson
Note:	Mode 1:adapter. 120V~60Hz,Output 1: 360kHz ,Output 1: 127.7kHz, Output 2: 326.5kHz,Output 2: 1.778MHz,Output 3: 110.5-205kHz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	38.48	10.20	48.68	66.00	-17.32	QP
2	0.1500	12.89	10.20	23.09	56.00	-32.91	AVG
3	0.1860	33.93	10.17	44.10	64.21	-20.11	QP
4	0.1860	3.84	10.17	14.01	54.21	-40.20	AVG
5	0.2983	22.67	10.21	32.88	60.29	-27.41	QP
6	0.2983	-2.20	10.21	8.01	50.29	-42.28	AVG
7	2.4944	20.78	10.24	31.02	56.00	-24.98	QP
8	2.4944	19.67	10.24	29.91	46.00	-16.09	AVG
9	4.8390	20.12	10.23	30.35	56.00	-25.65	QP
10	4.8390	18.96	10.23	29.19	46.00	-16.81	AVG
11	9.2400	19.25	10.49	29.74	60.00	-30.26	QP
12	9.2400	17.75	10.49	28.24	50.00	-21.76	AVG

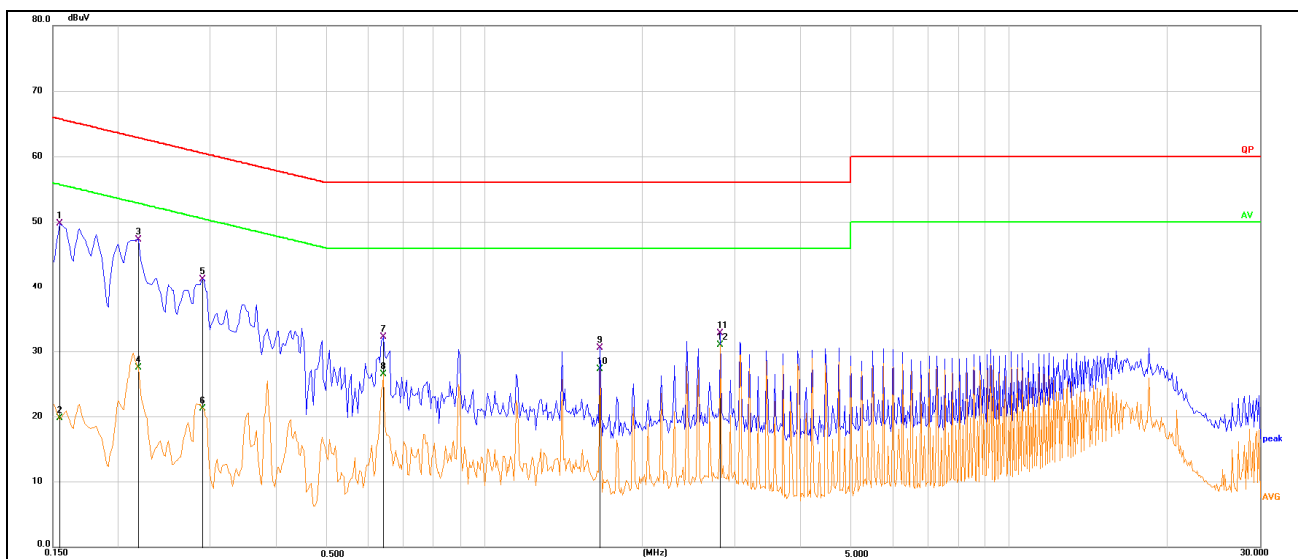
Site:	LAB	Phase: L1	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 18:37:45
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:	Mode 4:adapter. 120V~60Hz,Output 1: 127.7kHz,Output 1: Test module (5W)	Test Engineer:	linson

Note:



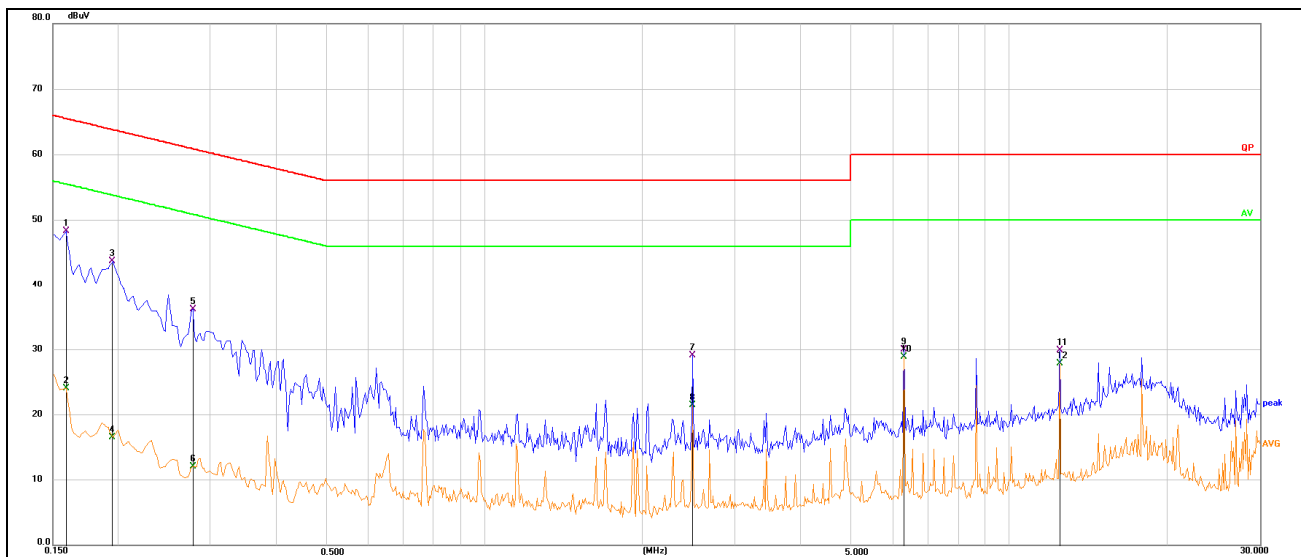
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	41.85	10.20	52.05	66.00	-13.95	QP
2	0.1500	18.43	10.20	28.63	56.00	-27.37	AVG
3	0.2040	38.17	10.16	48.33	63.45	-15.12	QP
4	0.2040	15.26	10.16	25.42	53.45	-28.03	AVG
5	0.2805	30.54	10.20	40.74	60.80	-20.06	QP
6	0.2805	10.65	10.20	20.85	50.80	-29.95	AVG
7	0.6403	21.72	10.19	31.91	56.00	-24.09	QP
8	0.6403	15.03	10.19	25.22	46.00	-20.78	AVG
9	1.4053	20.67	10.30	30.97	56.00	-25.03	QP
10	1.4053	16.74	10.30	27.04	46.00	-18.96	AVG
11	2.8140	20.76	10.25	31.01	56.00	-24.99	QP
12	2.8140	15.93	10.25	26.18	46.00	-19.82	AVG

Site:	LAB	Phase: N	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 18:39:14
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:	Mode 4:adapter. 120V~60Hz,Output 1: 127.7kHz,Output 1: Test module (5W)	Test Engineer:	linson
Note:			



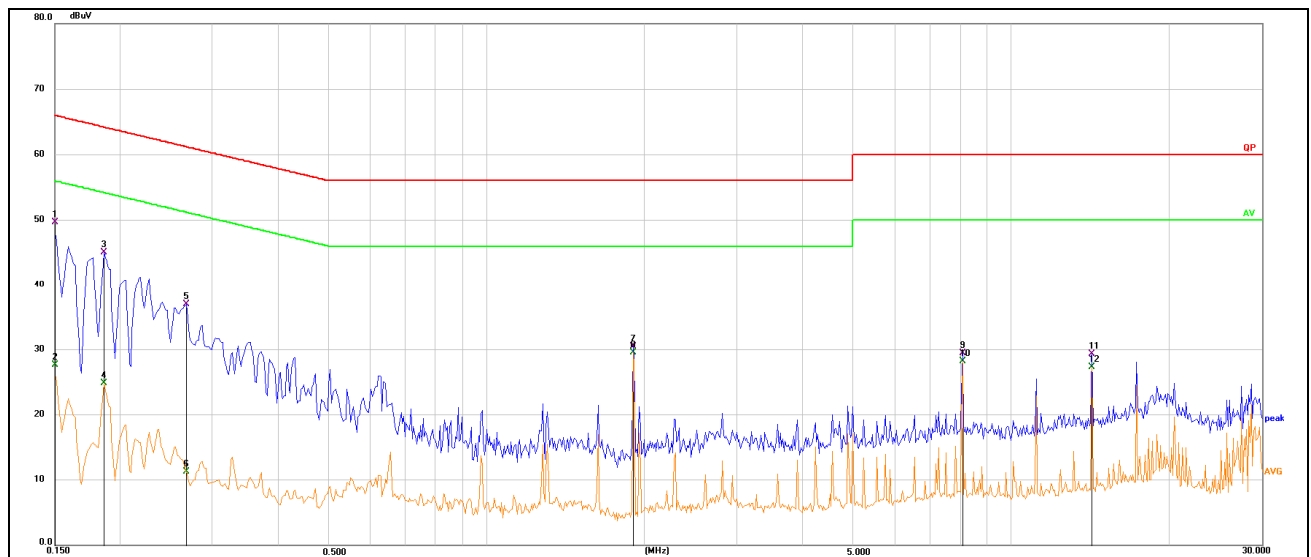
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1544	39.57	10.18	49.75	65.76	-16.01	QP
2	0.1544	9.66	10.18	19.84	55.76	-35.92	AVG
3	0.2174	37.20	10.06	47.26	62.92	-15.66	QP
4	0.2174	17.51	10.06	27.57	52.92	-25.35	AVG
5	0.2893	31.15	10.10	41.25	60.54	-19.29	QP
6	0.2893	11.19	10.10	21.29	50.54	-29.25	AVG
7	0.6403	22.02	10.25	32.27	56.00	-23.73	QP
8	0.6403	16.34	10.25	26.59	46.00	-19.41	AVG
9	1.6620	20.35	10.27	30.62	56.00	-25.38	QP
10	1.6620	17.07	10.27	27.34	46.00	-18.66	AVG
11	2.8140	22.58	10.26	32.84	56.00	-23.16	QP
12	2.8140	20.74	10.26	31.00	46.00	-15.00	AVG

Site:	LAB	Phase: N	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 18:42:04
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:	Mode 5:adapter. 120V~60Hz,Output 2: 326.5kHz,Output 2: i-Watch S5 (2.5W)	Test Engineer:	linson
Note:			



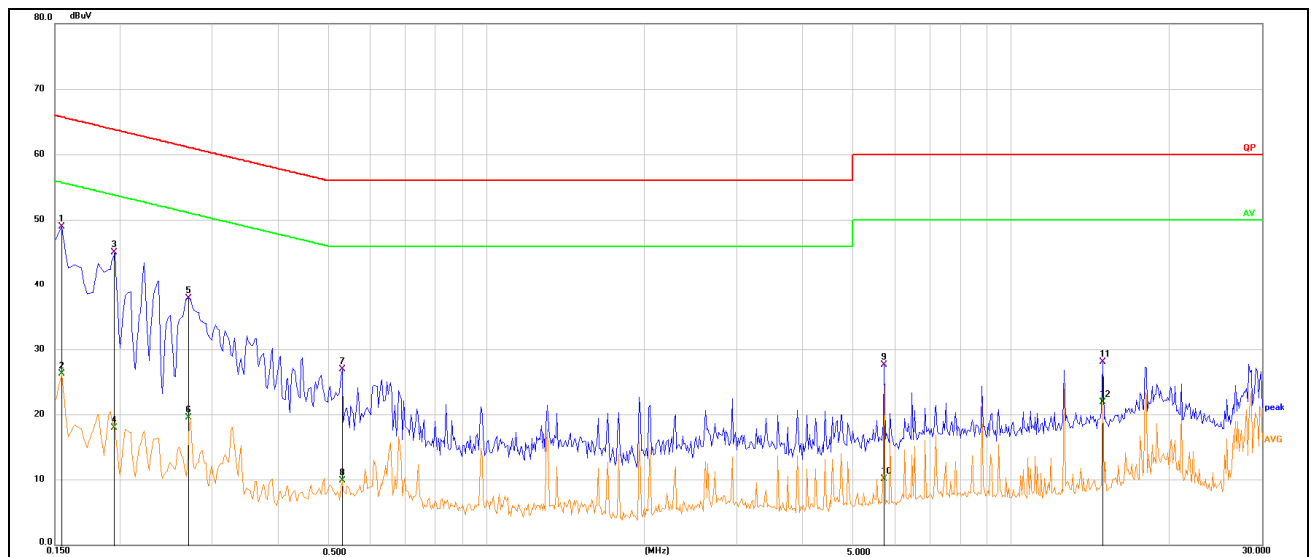
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1590	38.09	10.17	48.26	65.52	-17.26	QP
2	0.1590	13.90	10.17	24.07	55.52	-31.45	AVG
3	0.1949	33.60	10.06	43.66	63.83	-20.17	QP
4	0.1949	6.48	10.06	16.54	53.83	-37.29	AVG
5	0.2760	26.13	10.09	36.22	60.94	-24.72	QP
6	0.2760	1.92	10.09	12.01	50.94	-38.93	AVG
7	2.4900	18.81	10.30	29.11	56.00	-26.89	QP
8	2.4900	11.19	10.30	21.49	46.00	-24.51	AVG
9	6.3060	19.77	10.29	30.06	60.00	-29.94	QP
10	6.3060	18.60	10.29	28.89	50.00	-21.11	AVG
11	12.4664	19.43	10.52	29.95	60.00	-30.05	QP
12	12.4664	17.32	10.52	27.84	50.00	-22.16	AVG

Site:	LAB	Phase: L1	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 18:43:28
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:	Mode 5:adapter. 120V~60Hz,Output 2: 326.5kHz,Output 2: i-Watch S5 (2.5W)	Test Engineer:	linson
Note:			



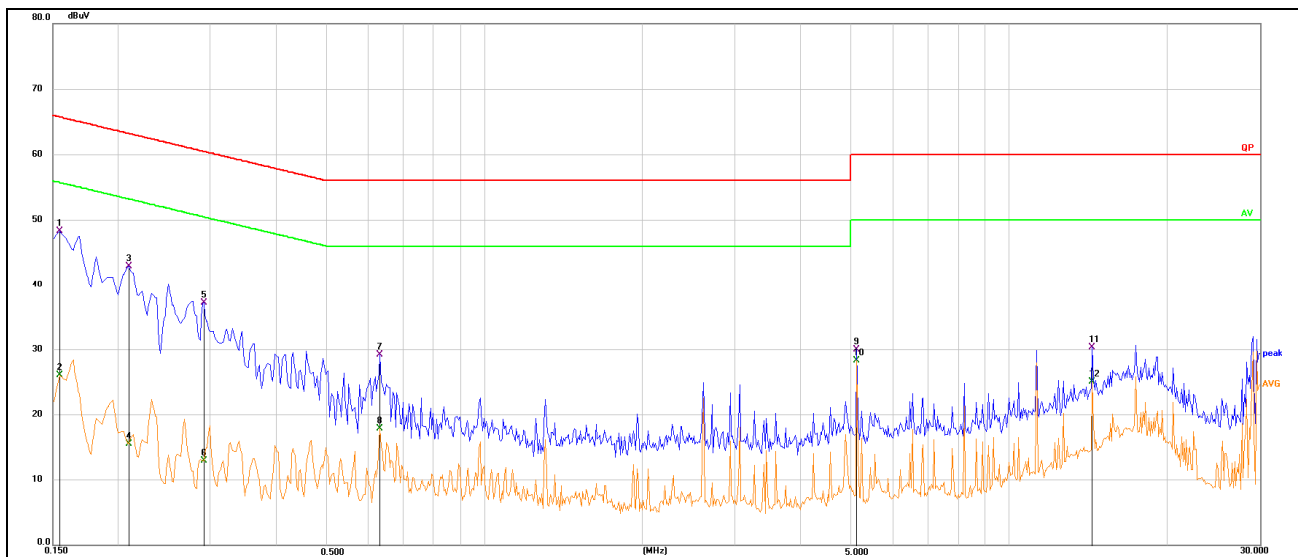
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	39.43	10.20	49.63	66.00	-16.37	QP
2	0.1500	17.45	10.20	27.65	56.00	-28.35	AVG
3	0.1860	34.89	10.17	45.06	64.21	-19.15	QP
4	0.1860	14.69	10.17	24.86	54.21	-29.35	AVG
5	0.2670	26.72	10.20	36.92	61.21	-24.29	QP
6	0.2670	1.11	10.20	11.31	51.21	-39.90	AVG
7	1.9050	20.21	10.24	30.45	56.00	-25.55	QP
8	1.9050	19.37	10.24	29.61	46.00	-16.39	AVG
9	8.0655	18.98	10.49	29.47	60.00	-30.53	QP
10	8.0655	17.74	10.49	28.23	50.00	-21.77	AVG
11	14.2260	18.82	10.50	29.32	60.00	-30.68	QP
12	14.2260	16.85	10.50	27.35	50.00	-22.65	AVG

Site:	LAB	Phase: L1	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 18:45:07
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:	Mode 6:adapter. 120V~60HzOutput 2: 1.778MHz,Output 2: i-Watch S8 (5W)	Test Engineer:	linson
Note:			



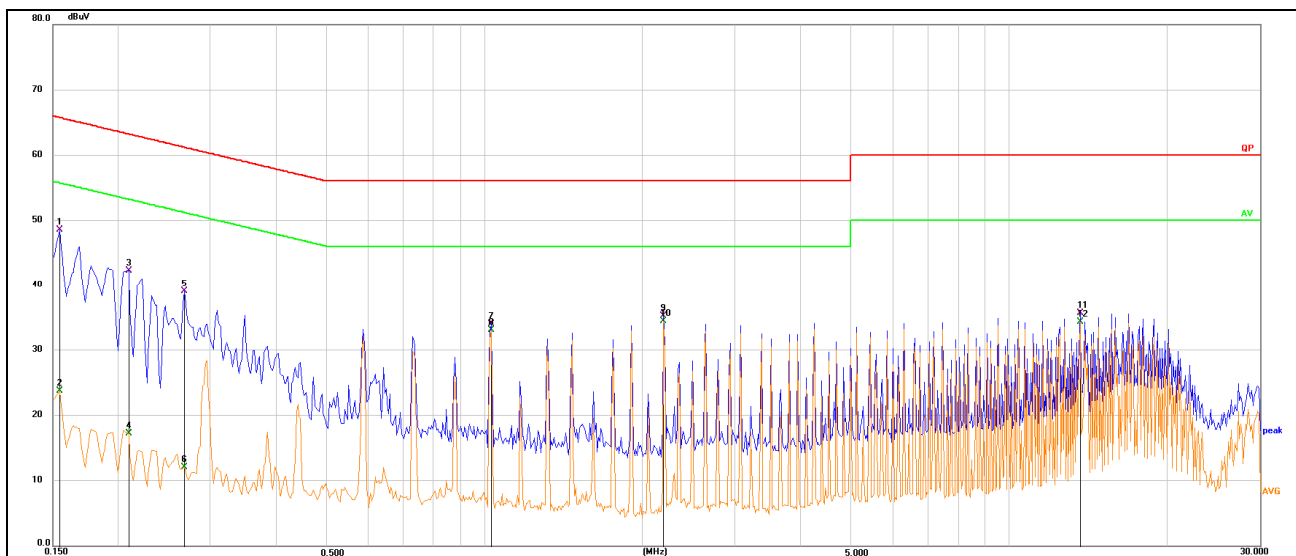
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1544	38.79	10.20	48.99	65.76	-16.77	QP
2	0.1544	16.08	10.20	26.28	55.76	-29.48	AVG
3	0.1949	34.91	10.16	45.07	63.83	-18.76	QP
4	0.1949	7.85	10.16	18.01	53.83	-35.82	AVG
5	0.2714	27.64	10.20	37.84	61.07	-23.23	QP
6	0.2714	9.38	10.20	19.58	51.07	-31.49	AVG
7	0.5280	16.83	10.19	27.02	56.00	-28.98	QP
8	0.5280	-0.25	10.19	9.94	46.00	-36.06	AVG
9	5.7164	17.39	10.32	27.71	60.00	-32.29	QP
10	5.7164	-0.21	10.32	10.11	50.00	-39.89	AVG
11	14.9595	17.59	10.51	28.10	60.00	-31.90	QP
12	14.9595	11.43	10.51	21.94	50.00	-28.06	AVG

Site:	LAB	Phase: N	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 18:46:33
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:	Mode 6:adapter. 120V~60HzOutput 2: 1.778MHz,Output 2: i-Watch S8 (5W)	Test Engineer:	linson
Note:			



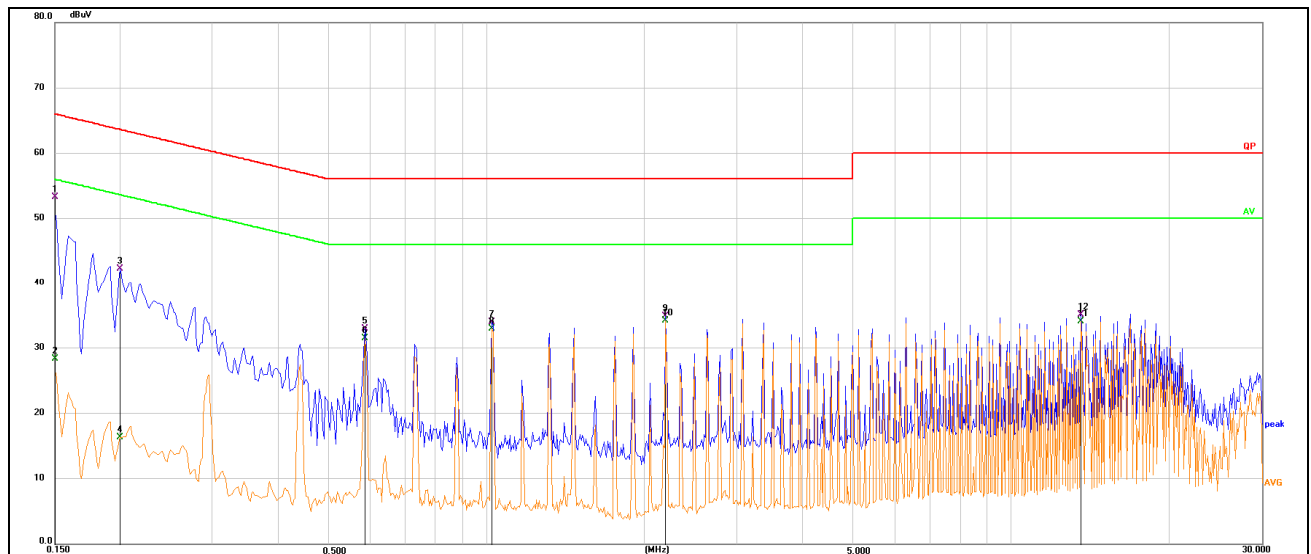
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1548	38.13	10.18	48.31	65.74	-17.43	QP
2	0.1548	15.86	10.18	26.04	55.74	-29.70	AVG
3	0.2094	32.82	10.05	42.87	63.23	-20.36	QP
4	0.2094	5.53	10.05	15.58	53.23	-37.65	AVG
5	0.2908	27.14	10.10	37.24	60.50	-23.26	QP
6	0.2908	2.84	10.10	12.94	50.50	-37.56	AVG
7	0.6304	18.96	10.25	29.21	56.00	-26.79	QP
8	0.6304	7.61	10.25	17.86	46.00	-28.14	AVG
9	5.1118	19.72	10.28	30.00	60.00	-30.00	QP
10	5.1118	18.07	10.28	28.35	50.00	-21.65	AVG
11	14.3640	19.70	10.61	30.31	60.00	-29.69	QP
12	14.3640	14.48	10.61	25.09	50.00	-24.91	AVG

Site:	LAB	Phase: N	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 18:48:24
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:	Mode 7:adapter. 120V~60Hz,Output 3: 110.5-205kHz, AirPods Case (5W)	Test Engineer:	linson
Note:			



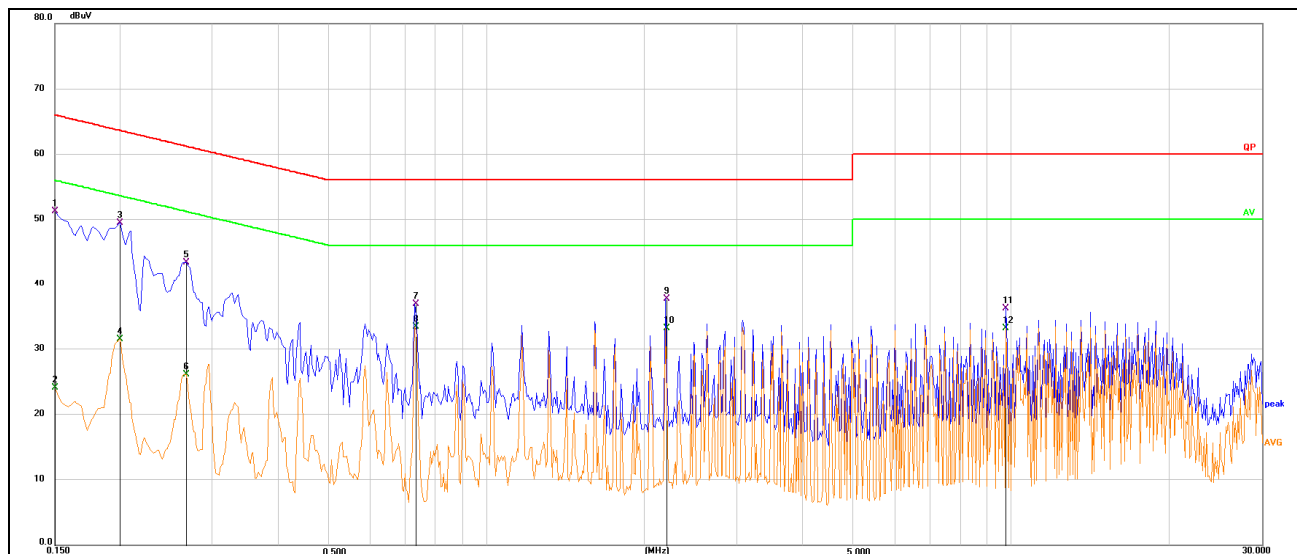
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1544	38.34	10.18	48.52	65.76	-17.24	QP
2	0.1544	13.54	10.18	23.72	55.76	-32.04	AVG
3	0.2084	32.17	10.05	42.22	63.27	-21.05	QP
4	0.2084	7.14	10.05	17.19	53.27	-36.08	AVG
5	0.2670	28.86	10.09	38.95	61.21	-22.26	QP
6	0.2670	2.00	10.09	12.09	51.21	-39.12	AVG
7	1.0275	23.83	10.16	33.99	56.00	-22.01	QP
8	1.0275	22.91	10.16	33.07	46.00	-12.93	AVG
9	2.1974	24.89	10.32	35.21	56.00	-20.79	QP
10	2.1974	24.12	10.32	34.44	46.00	-11.56	AVG
11	13.6230	25.00	10.58	35.58	60.00	-24.42	QP
12	13.6230	23.68	10.58	34.26	50.00	-15.74	AVG

Site:	LAB	Phase: L1	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 18:50:00
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:	Mode 7:adapter. 120V~60Hz,Output 3: 110.5- 205kHz, AirPods Case (5W)	Test Engineer:	linson
Note:			



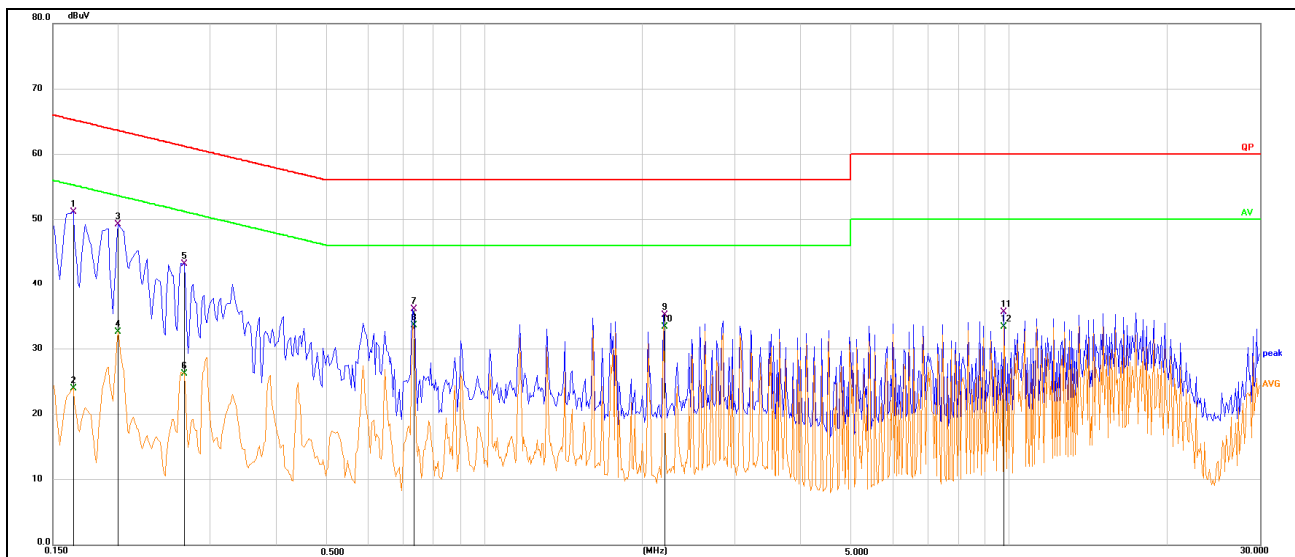
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	43.00	10.20	53.20	66.00	-12.80	QP
2	0.1500	18.17	10.20	28.37	56.00	-27.63	AVG
3	0.1995	32.12	10.16	42.28	63.63	-21.35	QP
4	0.1995	6.11	10.16	16.27	53.63	-37.36	AVG
5	0.5865	22.72	10.20	32.92	56.00	-23.08	QP
6	0.5865	21.29	10.20	31.49	46.00	-14.51	AVG
7	1.0230	23.59	10.35	33.94	56.00	-22.06	QP
8	1.0230	22.62	10.35	32.97	46.00	-13.03	AVG
9	2.1974	24.59	10.23	34.82	56.00	-21.18	QP
10	2.1974	23.89	10.23	34.12	46.00	-11.88	AVG
11	13.6182	23.56	10.50	34.06	50.00	-15.94	AVG
12	13.6183	24.59	10.50	35.09	60.00	-24.91	QP

Site:	LAB	Phase: L1	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 18:53:05
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:		Test Engineer:	linson
Note:	Mode 9:120V~60Hz,Output 1: 127.7kHz,Output 2: 1.778MHz,Output 3: 110.5-205kHz, Output 1: Test module (5W),Output 2: i-Watch S8 (5W),Output 3 AirPods Case 5W		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	40.98	10.20	51.18	66.00	-14.82	QP
2	0.1500	13.90	10.20	24.10	56.00	-31.90	AVG
3	0.1995	39.27	10.16	49.43	63.63	-14.20	QP
4	0.1995	21.27	10.16	31.43	53.63	-22.20	AVG
5	0.2670	33.15	10.20	43.35	61.21	-17.86	QP
6	0.2670	15.88	10.20	26.08	51.21	-25.13	AVG
7	0.7304	26.59	10.22	36.81	56.00	-19.19	QP
8	0.7304	23.20	10.22	33.42	46.00	-12.58	AVG
9	2.1929	27.40	10.23	37.63	56.00	-18.37	QP
10	2.1929	22.90	10.23	33.13	46.00	-12.87	AVG
11	9.8070	25.76	10.48	36.24	60.00	-23.76	QP
12	9.8070	22.65	10.48	33.13	50.00	-16.87	AVG

Site:	LAB	Phase: N	Temperature(°C):22.9(°C)
Limit:	QP	atm.press.: 100.2 kpa	Humidity(%): 64.8%RH
EUT:	3-in-1 Wireless Charger	Test Time:	2024/8/20 18:54:31
M/N.:	HJ3320	Power Rating:	AC120/60Hz
Mode:		Test Engineer:	linson
Note:	Mode 9:120V~60Hz,Output 1: 127.7kHz,Output 2: 1.778MHz,Output 3: 110.5-205kHz,Output 1: Test module (5W),Output 2: i-Watch S8 (5W),Output 3:AirPods Case 5W		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1635	40.92	10.16	51.08	65.28	-14.20	QP
2	0.1635	13.76	10.16	23.92	55.28	-31.36	AVG
3	0.1995	39.17	10.05	49.22	63.63	-14.41	QP
4	0.1995	22.57	10.05	32.62	53.63	-21.01	AVG
5	0.2670	33.05	10.09	43.14	61.21	-18.07	QP
6	0.2670	16.14	10.09	26.23	51.21	-24.98	AVG
7	0.7304	25.86	10.24	36.10	56.00	-19.90	QP
8	0.7304	23.32	10.24	33.56	46.00	-12.44	AVG
9	2.1929	24.88	10.32	35.20	56.00	-20.80	QP
10	2.1929	23.03	10.32	33.35	46.00	-12.65	AVG
11	9.8025	25.18	10.39	35.57	60.00	-24.43	QP
12	9.8025	22.96	10.39	33.35	50.00	-16.65	AVG