RF Test Report

Report No.: AGC05443250404ER03

PRODUCT DESIGNATION	:	3 in 1 cable w/ watch charger
BRAND NAME	:	N/A
TEST MODEL	:	MO2722
APPLICANT	:	MID OCEAN BRANDS B.V.
DATE OF ISSUE	:	Apr. 17, 2025
STANDARD(S)	:	ETSI EN 300 330 V2.1.1(2017-02)
REPORT VERSION	:	V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd.

Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Apr. 17, 2025	Valid	Initial release

TABLE OF CONTENTS

1. TEST RESULT CERTIFICATION

Applicant	MID OCEAN BRANDS B.V.
Address	7/F. Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Manufacturer	MID OCEAN BRANDS B.V.
Address	7/F. Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Factory Name	MID OCEAN BRANDS B.V.
Address	7/F. Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Product Designation	3 in 1 cable w/ watch charger
Brand Name	N/A
Test Model	MO2722
Series Model	N/A
Declaration of Difference	N/A
Date of receipt of test item	Apr. 02, 2025
Date of test	Apr. 02, 2025~Apr. 17, 2025
Test Result	PASS
Condition of Test Sample	Normal
Report Template	AGCRT-EC-SRD/RF

Note: The test results of this report relate only to the tested sample identified in this report.

Prepared By	Thea Huang	
	Thea Huang (Project Engineer)	Apr. 17, 2025
Reviewed By	Calvin Liu	
	Calvin Liu (Reviewer)	Apr. 17, 2025
Approved By	Angela Li	
	Angela Li (Authorized Officer)	Apr. 17, 2025

2. EUT DESCRIPTION

Details of technical specification for WPT refer to the description in follows:

Hardware Version	V1.0
Software Version	V1.0
Permitted Range Of Operating Frequency	148.5 kHz to 5 MHz (Manufacturer's declared frequency of product operation: 315kHz-330kHz)
Operation Frequency	318.2kHz
Modulation	ASK
Corrected Amplitude H-field	-17.28dBuA/m
RF Output Power (ERP)	0.0000053mW
Number of Channels:	1 Channel
Antenna Gain	0dBi
Antenna Type:	Coil Antenna
Power Supply	Input: DC 5V/3A Output: DC 5V/2A
Wireless Charging Output Power	1W-2.5W
Receiver category	3
Product Class:	1
Equipment type:	WPT systems

NOTE: For more information, please refer to User's Manual.

3. DESCRIPTION OF TEST MODES

The EUT has been tested under Normal Operation and standby condition.

4. TEST FACILITY

Test Site-1	Attestation of Global Compliance (Shenzhen) Co., Ltd
Location	1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China

5. TEST ITEMS AND THE RESULTS

The EUT has been tested according to ETSI EN 300 330 V2.1.1(2017-02).

ETSI EN 300330 V2.1.1(2017-02)	Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

№	Basic Standard	Test Type	Test Mode	Result
1	ETSI EN 300 330 4.3.1	Permitted range of operating frequencies	TX	Pass
2	ETSI EN 300 330 4.3.2	Operating frequency ranges	TX	Pass
3	ETSI EN 300 330 4.3.3	Modulation bandwidth	TX	Pass
4	ETSI EN 300 330 4.3.4	Transmitter H-field requirements	TX	Pass
5	ETSI EN 300 330 4.3.8	Transmitter radiated spurious domain emission limits < 30 MHz	TX	Pass
6	ETSI EN 300 330 4.3.9	Transmitter radiated spurious domain emission limits > 30 MHz	TX	Pass
7	ETSI EN 300 330 4.4.2	Receiver spurious emissions	RX	Pass
8	ETSI EN 300 330 4.4.3	Adjacent channel selectivity	RX	N/A
9	ETSI EN 300 330 4.4.4	Receiver blocking or desensitization	RX	N/A

Note: 1.N/A means not applicable.
2. According to the standard section 4.4.1, this equipment belongs to other equipment (WPT system), and only has a single working channel, so it is not necessary to meet 4.3.3&4.3.4.

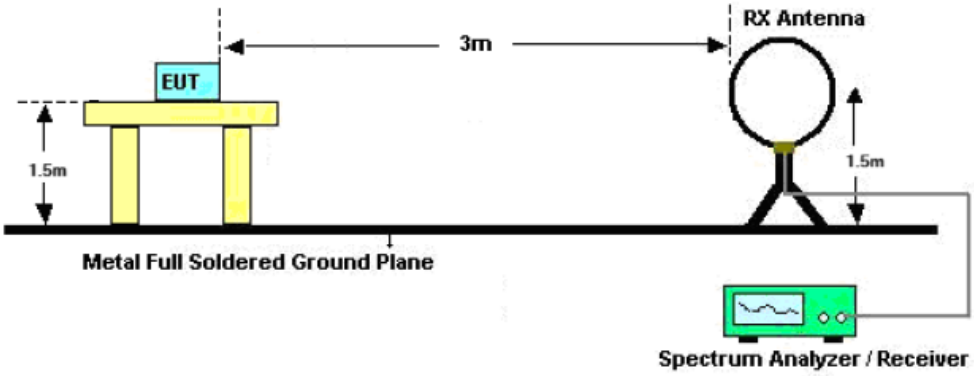
6. ETSI EN 300 330 REQUIREMENT TO TRANSMITTER

6.1 RF H-FIELD (RADIATED)

MEASUREMENT EQUIPMENT USED:

NAME OF EQUIPMENT	MANUFACTURER	MODEL	S/N	Cal. Date	Cal. Due
EMI Test Receiver	R&S	ESCI	10096	Jan. 14, 2025	Jan. 13, 2026
Amplifier	Schwarzbeck	BBV 9718	9718-205	Jun. 02, 2024	Jun. 01, 2025
WIDEBAND REQUENCY ANTENNA	SCHWARZBECK	VULB9168	VULB9168-494	Jan. 15, 2025	Jan. 14, 2027
WIDEBAND REQUENCY ANTENNA	SCHWARZBECK	VULB9168	VULB9168-D69250	Mar. 14, 2025	Mar. 13, 2027
LOOP ANTENNA	ZHINAN	ZN30900C	18051	Mar. 05, 2024	Mar. 04, 2026

TEST SETUP:



TEST LIMITS:

The H-field limit in dBμA/m at 3 m, H_{3m}, is determined by the following equation:

$$H_{3m} = H_{10m} + C_3 \text{ (F.2)}$$

Where: H_{10m} is the H-field limit in dBμA/m at 10 m distance according to the present document; and C_3 is a conversion factor in dB determined from figure F.2.

The limit at 10 m(H_{10m}) is -5 dBμA/m

For 318.2kHz:

Owing to the frequency EUT is 0.3182MHz, so the C_3 approach to 31.65dB.

Then the limit at 3m(H_{3m}) = H_{10m} + C_3 = -5 + 31.65 =26.65 dBμA/m.

The H Field Strength shall not exceed the values 26.65dBuA/m 3m Distance under normal test conditions.

- E(dBuV/m) = dBuA/m+51.5;
- ERP (dBm)=E(dBuV/m) +20lg(D)-104.8, D is the measurement distance;
- ERP=10lgP(mW)

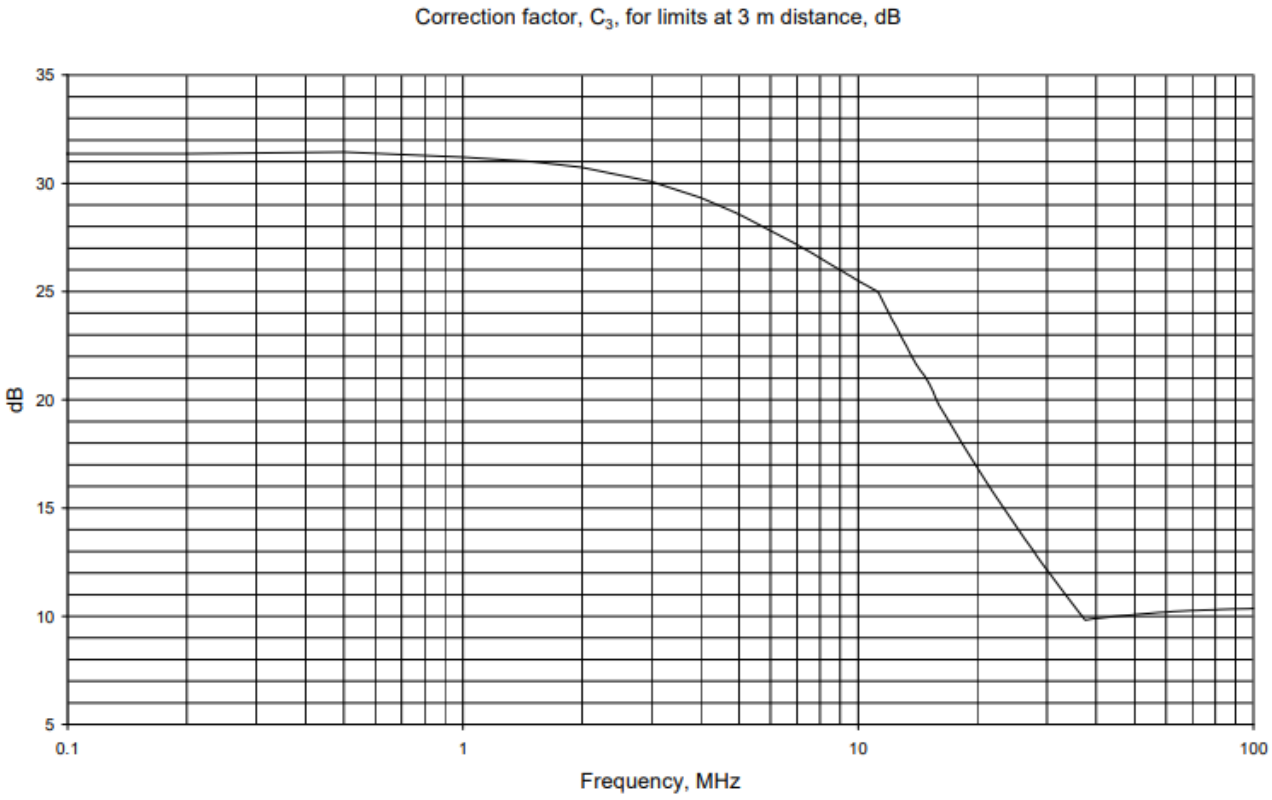


Figure H.2: Conversion factor C_3 versus frequency

Table 2: H-field limits at 10 m

Frequency range (MHz)	H-field strength limit (H_f) dBµA/m at 10 m or specified in mW e.r.p.
0,009 ≤ f < 0,090	72 descending 3 dB/oct above 0,03 MHz or according to note 1 (see note 5)
0,09 ≤ f < 0,119	42
0,119 ≤ f < 0,135	66 descending 3 dB/oct above 0,119 MHz or according to note 1 (see notes 3 and 5)
0,135 ≤ f < 0,140	42
0,140 ≤ f < 0,1485	37,7
0,1485 ≤ f < 30	-5 (see note 4)
0,315 ≤ f < 0,600	-5
3,155≤ f < 3,400	13,5
4,234	9 (see note 9)
4,516	7
7,400 ≤ f < 8,800	9
10,2 ≤ f < 11,00	9
12,5 ≤ f ≤ 20	-7
6,765 ≤ f ≤ 6,795	42 (see notes 3 and 7)
26,957 ≤ f ≤ 27,283	42 (see note 3)
13,410 ≤ f ≤13,553, 13,567 ≤ f ≤ 13,710	9 (see note 6)
13,110 ≤ f ≤ 13,410, 13,710 ≤ f ≤ 14,010	-3,5 (see note 6)
12,660 ≤ f ≤ 13,110, 14,010 ≤ f ≤ 14,460	-10 (see note 6)
11,810 ≤ f ≤ 12,660, 14,460 ≤ f ≤ 15,310	-16 (see note 6)
13,460 ≤ f ≤ 13,553, 13,567 ≤ f ≤ 13,660	27 (see note 6)
13,360 ≤ f ≤ 13,460, 13,660 ≤ f ≤ 13,760	Linear transition from 27 to -3,5 (see note 6)
13,110 ≤ f ≤ 13,360, 13,760 ≤ f ≤ 14,010	-3,5 (see note 6)
12,660 ≤ f ≤ 13,110, 14,010 ≤ f ≤ 14,460	-5 (see note 6)
13,553 ≤ f ≤ 13,567	42 (see note 3) or 60 (see notes 2 and 3)
27,095	42

Frequency range (MHz)	H-field strength limit (H_f) dBµA/m at 10 m or specified in mW e.r.p.
26,995, 27,045, 27,095, 27,145, 27,195 (see note 8)	100 mW

NOTE 1: For the frequency ranges 9 kHz to 135 kHz, the following additional restrictions apply to limits above 42 dBµA/m:
- for loop coil antennas with an area ≥ 0,16 m^2 this table and table B.1 with the antenna limitations apply;
- for loop coil antennas with an area between 0,05 m^2 and 0,16 m^2 table B.1 applies with a correction factor. The limit is: table value + 10 × log (area/0,16 m^2);
- for loop coil antennas with an area < 0,05 m^2 the limit is 10 dB below table B.1.

NOTE 2: For RFID (incl. NFC) and EAS applications only.
NOTE 3: Spectrum mask limit, see annex I.
NOTE 4: For further information see annex G.
NOTE 5: Limit is 42 dBµA/m for the following spot frequencies: 60 kHz ± 250 Hz, 66,6 kHz ± 750 Hz, 75 kHz ± 250 Hz, 77,5 kHz ± 250 Hz, and 129,1 kHz ± 500 Hz.
NOTE 6: Only in conjunction with spectrum mask, see annex I.
NOTE 7: The frequency range 6,765 MHz - 6,795 MHz is not a harmonised ISM frequency band according article 5.138 of the ITU Radio Regulations [i.13].
NOTE 8: Center frequencies for channelized systems by using ≤ 10 kHz bandwidth.
NOTE 9: The limit is valid in the range 984 kHz - 7 484 kHz for Transmitting only on receipt of a Balise/Eurobalise tele-powering signal from a train.

TEST PROCEDURE:

The EUT was placed on the top of an insulating table 1.5 meters above the ground at a semi-anechoic chamber.

The table was rotated 360 degrees to determine the position of the highest radiation.

The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
The H-field is measured with a shielded loop antenna connected to a measurement receiver.
The measuring bandwidth and detector type of the measurement receiver shall be in accordance with EN 300 330 V2.1.1 clause 5.12.
The EUT operate with modulation under normal and extreme conditions.

TEST RESULTS:

Test Mode: Transmitting
Extreme conditions state

conditions	Test Temp	Test Volt.(V)	Note
TN/VN	25℃	5.0	Worst case
TL/ VL	-20℃	4.5	
TH/VL	40℃	4.5	
TL/VH	-20℃	5.5	
TH/VH	40℃	5.5	

Frequency	Reading	Corrected Factor	Corrected Amplitude E-field	Corrected Amplitude H-field(3m)	Corrected Amplitude H-field(10m)	Limit (10m)	Result
MHz	dBμV/m	dB	dBμV/m	dBμA/m	dBμA/m	dBμA/m	Pass
0.3182	24.83	32.39	57.22	5.72	-17.28	-5	

Remark:
(1) Corrected Level (dBuA/m) = Reading Level + Antenna Factor
(2) For the calculated method, please refer to Annex F at EN 300330.
(3) All extreme conditions were considered for test, but only record the worst case.
(4) EIRP(dBm)=E(dBuV/m)+20lg(D)-104.8, D is the measurement distance.
E(dBuV/m)=dBuA/m+51.5, so the dBuA/m=EIRP(dBm)+43.7, EIRP=10lgP(mW)

6.2 PERMITTED FREQUENCY RANGE AND THE MODULATION BANDWIDTH

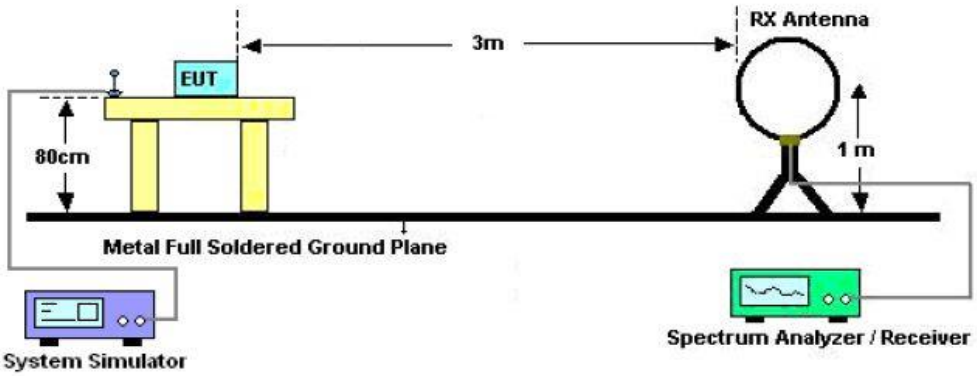
TEST LIMITS

The modulation bandwidth shall be within the assigned frequency band see table 1 or ±7,5 % of the carrier frequency whichever is the smallest. For RFID and EAS Systems, the modulation bandwidth shall be within the transmitter emission boundary of figures I.1, I.2, I.3 and I.4. For further information, see CEPT/ERC/REC 70-03 [i.1] or ERC/ECC/CEPT Decisions as implemented through National Radio Interfaces (NRI) and additional NRI as relevant.

MEASUREMENT EQUIPMENT USED:

NAME OF EQUIPMENT	MANUFACTURER	MODEL	S/N	Cal. Date	Cal. Due
EMI Test Receiver	R&S	ESCI	10096	Jan. 14, 2025	Jan. 13, 2026
Amplifier	Schwarzbeck	BBV 9718	9718-205	Jun. 02, 2024	Jun. 01, 2025
WIDEBAND REQUENCY ANTENNA	SCHWARZBECK	VULB9168	VULB9168-494	Jan. 15, 2025	Jan. 14, 2027
LOOP ANTENNA	ZHINAN	ZN30900C	18051	Mar. 05, 2024	Mar. 04, 2026

TEST SETUP:



TEST PROCEDURE:

1). The EUT was placed on a turn table which is 0.8m above ground plane.

2). The EUT was modulated by normal signal,

3). Set SPA Center Frequency = fundamental frequency, RBW:300Hz,VBW=1000Hz, Span=2MHz.

4), Both normal test condition and extreme test condition applied

TEST RESULT

Test Temperature	Test Voltage (V DC)	Lower Frequency (kHz)	Upper Frequency (kHz)	Limit
-20℃	4.5	318.196	319.278	315 kHz≤&≤330 kHz
	5.5	318.188	319.267	315 kHz≤&≤330 kHz
25℃	5.0	318.182	319.260	315 kHz≤&≤330 kHz
40℃	4.5	318.187	319.264	315 kHz≤&≤330 kHz
	5.5	318.194	319.274	315 kHz≤&≤330 kHz
Results		PASS		

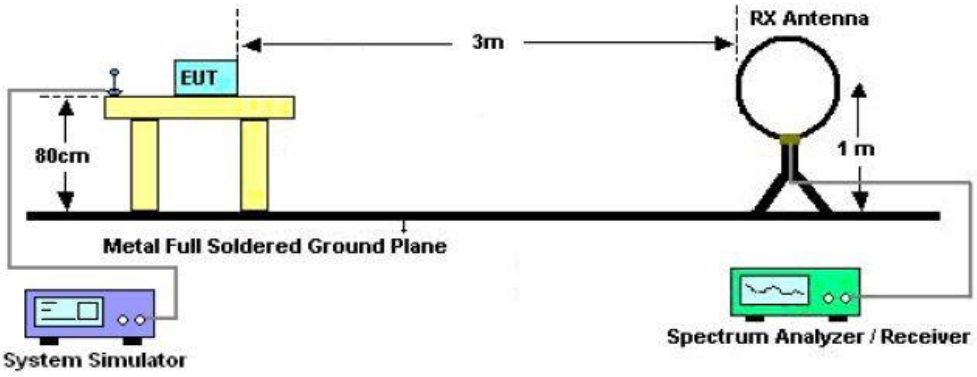
6.3 SPURIOUS DOMAIN EMISSION

MEASUREMENT EQUIPMENT USED:

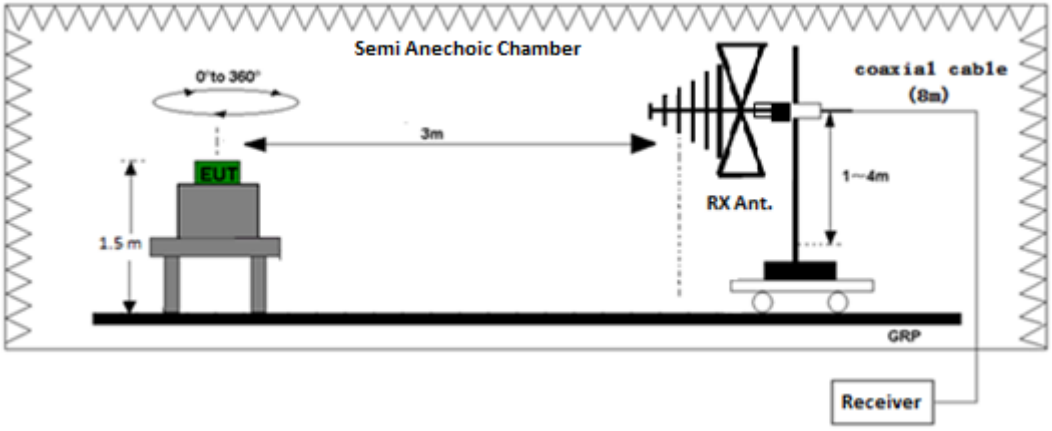
NAME OF EQUIPMENT	MANUFACTURER	MODEL	S/N	Cal. Date	Cal. Due
EMI Test Receiver	R&S	ESCI	10096	Jan. 14, 2025	Jan. 13, 2026
Amplifier	Schwarzbeck	BBV 9718	9718-205	Jun. 02, 2024	Jun. 01, 2025
WIDEBAND REQUENCY ANTENNA	SCHWARZBECK	VULB9168	VULB9168-494	Jan. 15, 2025	Jan. 14, 2027
WIDEBAND REQUENCY ANTENNA	SCHWARZBECK	VULB9168	VULB9168-D69250	Mar. 14, 2025	Mar. 13, 2027
LOOP ANTENNA	ZHINAN	ZN30900C	18051	Mar. 05, 2024	Mar. 04, 2026

TEST SETUP:

FREQUENCY RANGE (9KHZ-30MHZ)



FREQUENCY RANGE (ABOVE 30MHZ)



TEST PROCEDURE:

For test method of frequency range (9 kHz-30MHz)

The EUT was placed on the top of an insulating table 0.8 meters above the ground at a semi-anechoic chamber.

The table was rotated 360 degrees to determine the position of the highest radiation.

The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

The H-field is measured with a shielded loop antenna connected to a measurement receiver.

The measuring bandwidth and detector type of the measurement receiver shall be in accordance with EN 300 330 V2.1.1 clause 5.12

The EUT operate with modulation under normal and extreme conditions.

For test method of frequency range (30 MHz-1000MHz)

EUT was placed on a 1.5m height wooden table. The search antenna is placed at 3m distances from the EUT and search antenna height is from 1-4m. With the transmitter operating at continuously mode, the turntable was slowly rotated to locate the direction of maximum emission. Once maximum direction is determined, the search antenna was raised and lowered in both vertical and horizontal polarizations.

The EUT was removed from the turntable and replaced with a linearly polarized antenna connected to a calibrated RF signal generator. The RF generator was set to a measured emission frequency and the search antenna was raised and lowered to produce a maximum received reading. The generator output was increased to match the radiated emission reading measured previously, and the result expressed in dB EIRP or ERP, correcting for substitution antenna gain at each frequency.

LIMITS OF RADIATED DISTURBANCES

Below 30MHz

Operating		
Frequency (MHz)	Distance (m)	Maximum Field Strength Limit (dBμA/m Q.P.)
9 kHz ≤ f < 10 MHz	10	27dB μ A/m at 9 kHz descending 3 dB/oct
10 MHz ≤ f < 30 MHz	10	-3,5 dB μ A/m

Standby		
Frequency (MHz)	Distance (m)	Maximum Field Strength Limit (dBμA/m Q.P.)
9 kHz ≤ f < 10 MHz	10	5,5 dB μ A/m at 9 kHz descending 3 dB/oct
10 MHz ≤ f < 30 MHz	10	-25 dB μ A/m

TEST LIMITS & RESULT

FREQUENCY RANGE (9kHz-30MHZ)

OPERATION MODE					
Frequency	Reading level	Total Factor	Emission level	10M Limit	Margin
(MHz)	(dBμA/m)	(dB)	(dB μA/m)	(dBμA/m)	(dBμA/m)
--	--	--	--	27 dBμA/m at 9kHz descending 3dB/oct(9kHz – 10MHz)	--
--	--	--	--		--
--	--	--	--	-3.5 dBμA/m(10MHz – 30MHz)	--
--	--	--	--		--

STANDBY MODE					
Frequency	Reading level	Total Factor	Emission level	10M Limit	Margin
(MHz)	(dBμA/m)	(dB)	(dB μA/m)	(dBμA/m)	(dBμA/m)
--	--	--	--	5.5 dBμA/m at 9kHz descending 3dB/oct (9kHz – 10MHz)	--
--	--	--	--		--
--	--	--	--	-25 dBμA/m (10MHz – 30MHz)	--
--	--	--	--		--

Remark:

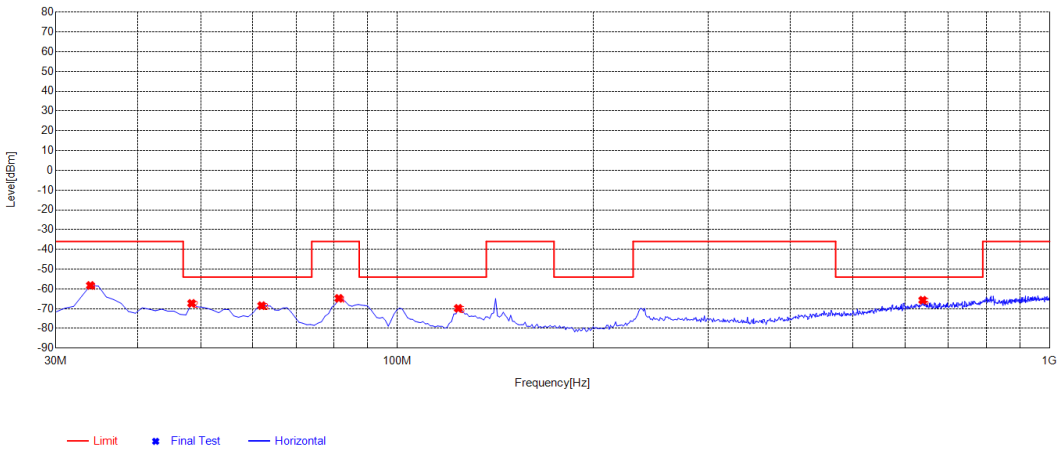
(1) Corrected Power (dBm) = Total Factor + Reading Level

(2) Measuring frequencies from 9kHz to the 30MHz.

(3) Data of measurement within this frequency range shown " -- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

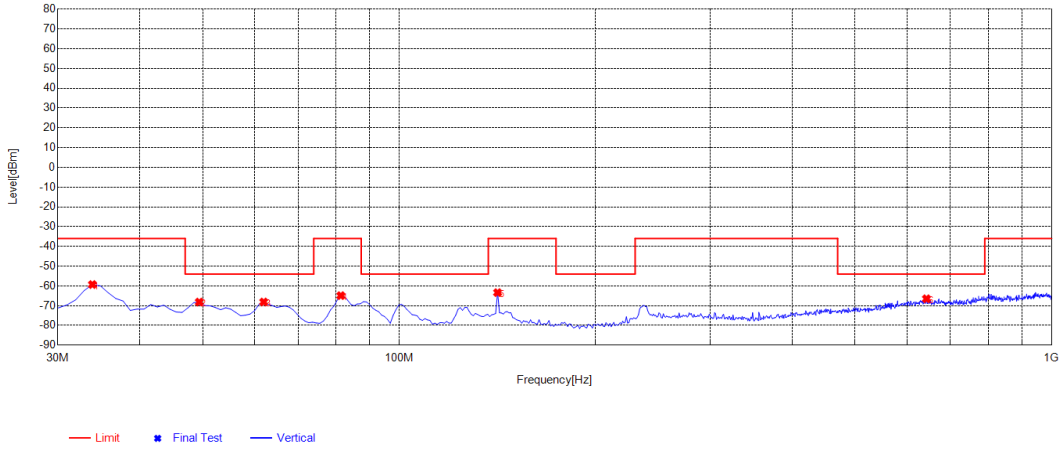
FREQUENCY RANGE (ABOVE 30MHZ)

EUT OPERATION MODE – HORIZONTAL



NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	33.88	-87.78	-58.27	-36.00	22.27	29.51	190	Horizontal
2	48.43	-95.33	-67.32	-54.00	13.32	28.01	230	Horizontal
3	62.01	-94.01	-68.49	-54.00	14.49	25.52	70	Horizontal
4	81.41	-88.49	-64.79	-36.00	28.79	23.70	20	Horizontal
5	124.09	-93.27	-69.85	-54.00	15.85	23.42	210	Horizontal
6	639.16	-100.20	-65.74	-54.00	11.74	34.46	110	Horizontal

EUT OPERATION MODE – VERTICAL



NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	33.88	-88.82	-59.31	-36.00	23.31	29.51	280	Vertical
2	49.4	-95.97	-68.18	-54.00	14.18	27.79	290	Vertical
3	62.01	-93.67	-68.15	-54.00	14.15	25.52	140	Vertical
4	81.41	-88.62	-64.92	-36.00	28.92	23.70	340	Vertical
5	141.55	-90.21	-63.39	-36.00	27.39	26.82	30	Vertical
6	643.04	-100.94	-66.52	-54.00	12.52	34.42	270	Vertical

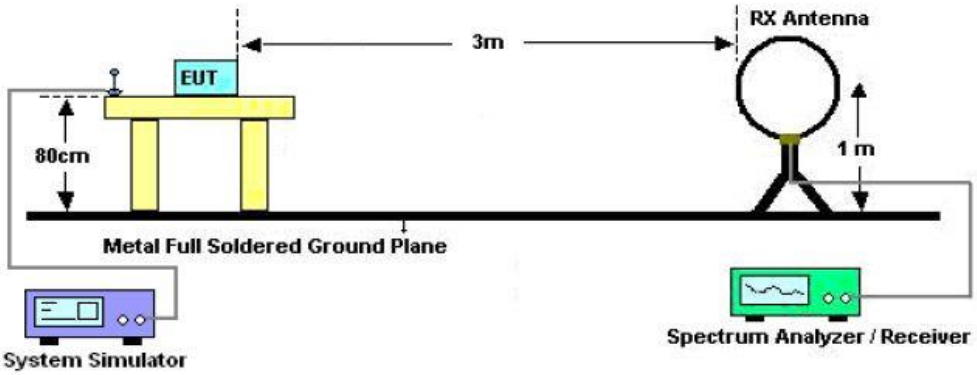
6.4 ETSI EN 300 330 Subclasses 4.4.2: Receiver spurious radiation

MEASUREMENT EQUIPMENT USED:

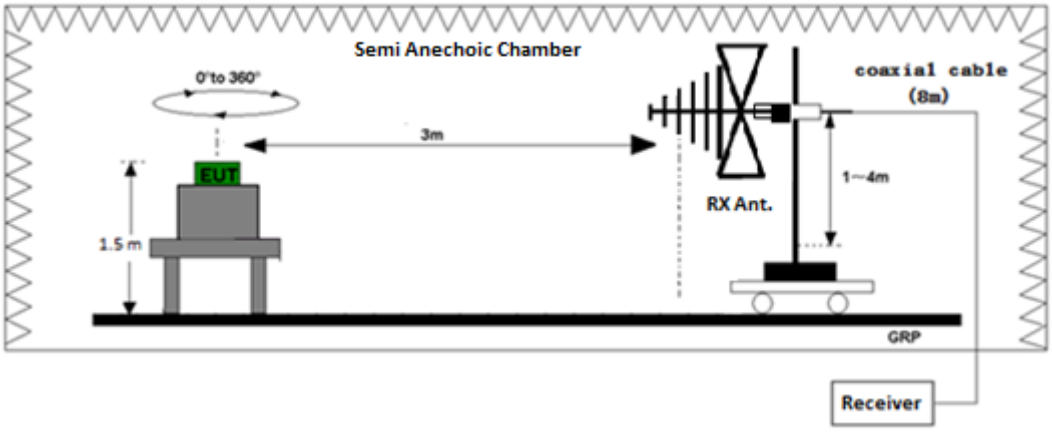
NAME OF EQUIPMENT	MANUFACTURER	MODEL	S/N	Cal. Date	Cal. Due
EMI Test Receiver	R&S	ESCI	10096	Jan. 14, 2025	Jan. 13, 2026
Amplifier	Schwarzbeck	BBV 9718	9718-205	Jun. 02, 2024	Jun. 01, 2025
WIDEBAND REQUENCY ANTENNA	SCHWARZBECK	VULB9168	VULB9168-494	Jan. 15, 2025	Jan. 14, 2027
WIDEBAND REQUENCY ANTENNA	SCHWARZBECK	VULB9168	VULB9168-D69250	Mar. 14, 2025	Mar. 13, 2027
LOOP ANTENNA	ZHINAN	ZN30900C	18051	Mar. 05, 2024	Mar. 04, 2026

TEST SETUP:

FREQUENCY RANGE (9KHZ-30MHZ)



FREQUENCY RANGE (ABOVE 30MHZ)



TEST RESULT AND LIMIT

FREQUENCY RANGE (9kHz-30MHZ)

Frequency (MHz)	Distance (m)	Maximum Field Strength Limit (dBμA/m Q.P.)
9 kHz ≤ f < 10 MHz	10	5.5dB μ A/m at 9 kHz descending 3 dB/oct
10 MHz ≤ f < 30 MHz	10	-25 dB μ A/m

RECEIVER MODE					
Frequency	Reading level	Total Factor	Emission level	10M Limit	Margin
(MHz)	(dBμA/m)	(dB)	(dBμA/m)	(dBμA/m)	(dBμA/m)
--	--	--	--	5.5 dBuA/m at 9kHz descending 3dB/oct (9kHz – 10MHz)	--
--	--	--	--		--
--	--	--	--	-25 dBuA/m (10MHz – 30MHz)	--
--	--	--	--		--

Remark:

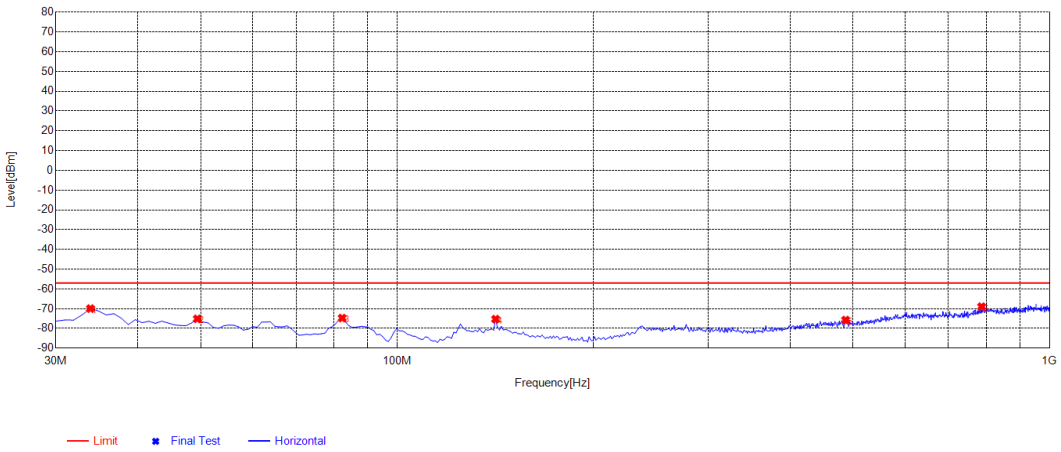
(1) Corrected Power (dBm) = Total Factor + Reading Level

(2) Measuring frequencies from 9kHz to the 30MHz.

(3) Data of measurement within this frequency range shown " -- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

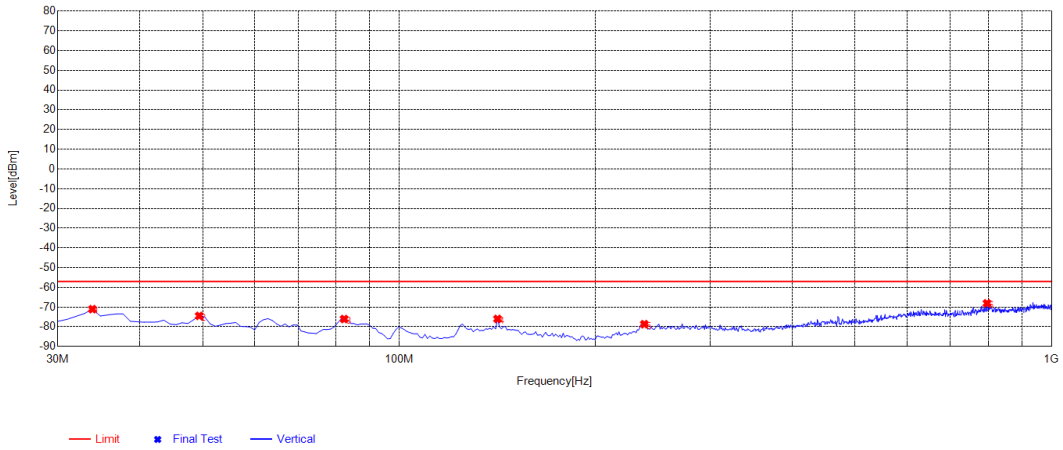
FREQUENCY RANGE (ABOVE 30MHZ)

EUT OPERATION MODE – HORIZONTAL



NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	33.88	-99.48	-69.97	-57.00	12.97	29.51	250	Horizontal
2	49.4	-102.94	-75.15	-57.00	18.15	27.79	290	Horizontal
3	82.38	-98.17	-74.76	-57.00	17.76	23.41	30	Horizontal
4	141.55	-102.12	-75.30	-57.00	18.30	26.82	260	Horizontal
5	486.87	-106.33	-75.77	-57.00	18.77	30.56	60	Horizontal
6	786.6	-105.48	-69.00	-57.00	12.00	36.48	150	Horizontal

EUT OPERATION MODE – VERTICAL



NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	33.88	-100.58	-71.07	-57.00	14.07	29.51	30	Vertical
2	49.4	-102.27	-74.48	-57.00	17.48	27.79	320	Vertical
3	82.38	-99.49	-76.08	-57.00	19.08	23.41	30	Vertical
4	141.55	-102.84	-76.02	-57.00	19.02	26.82	50	Vertical
5	237.58	-104.77	-78.69	-57.00	21.69	26.08	80	Vertical
6	796.3	-105.05	-68.11	-57.00	11.11	36.94	190	Vertical

7. ETSI EN 300 330 V2.1.1: INTERPRETATION OF MEASUREMENT RESULTS

All the measurement equipments and accessories have been carefully selected to meet the maximum measurement uncertainty specified below:

RF Frequency	± 1 x 10^{-7}
RF Power, Conducted	± 0.75dB
Maximum Frequency Deviation: _ Within 300Hz and 6kHz of Audio Frequency _ Within 6kHz and 25kHz of Audio Frequency	 ± 5% ± 3dB
Adjacent channel power	± 3dB
Conducted Emission of Transmitter, Valid Up to 12.75GHz	± 4dB
Conducted Emissions of Receivers	± 3dB
Radiated Emission of Transmitter, Valid Up to 12.75GHz	± 6dB
Radiated Emissions of Receivers	± 6dB

P.S. Uncertainty figures are valid to confidence level of 95% calculated according to the methods described in the ETR 028[3].

APPENDIX I PHOTOGRAPHS OF TEST SETUP

APPENDIX II PHOTOGRAPHS OF TEST SETUP

Refer to the Report No.: AGC05443250404AP01

Conditions of Issuance of Test Reports

1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the “Company”) solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the “Clients”).
2. Any report issued by Company as a result of this application for testing services (the “Report”) shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3.The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
7.Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

-----End of Report-----

Radio Test Report

Report No.: AGC05443250404ER02

PRODUCT DESIGNATION	:	3 in 1 cable w/ watch charger
BRAND NAME	:	N/A
MODEL NAME	:	MO2722
APPLICANT	:	MID OCEAN BRANDS B.V.
DATE OF ISSUE	:	Apr. 17, 2025
STANDARD(S)	:	ETSI EN 303 417 V1.1.1 (2017-09)
REPORT VERSION	:	V1.0

Attestation of ***G***lobal ***C***ompliance (Shenzhen) Co., Ltd

Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Apr. 17, 2025	Valid	Initial Release

Table of Contents

1. General Information

Applicant	MID OCEAN BRANDS B.V.
Address	7/F. Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Manufacturer	MID OCEAN BRANDS B.V.
Address	7/F. Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Factory	MID OCEAN BRANDS B.V.
Address	7/F. Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Product Designation	3 in 1 cable w/ watch charger
Brand Name	N/A
Test Model	MO2722
Series Model(s)	N/A
Difference Description	N/A
Date of receipt of test item	Apr. 02, 2025
Date of Test	Apr. 02, 2025~Apr. 17, 2025
Deviation from Standard	No any deviation from the test method
Condition of Test Sample	Normal
Test Result	Pass
Test Report Form No	AGCER-EU-WPT-V1

Note: The test results of this report relate only to the tested sample identified in this report.

Prepared By	Thea Huang Thea Huang (Project Engineer)	Apr. 17, 2025
Reviewed By	Calvin Liu Calvin Liu (Reviewer)	Apr. 17, 2025
Approved By	Angela Li Angela Li (Authorized Officer)	Apr. 17, 2025

2. Product Information

2.1 Product Technical Description

Equipment Type	WPT System
Permitted Range of Operating Frequency	☐WPT Band 1: 19~21kHz
Operation Frequency	110kHz-205kHz
Hardware Version	V1.0
Software Version	V1.0
Modulation Type	ASK
Corrected Amplitude H-field@10m	-24.7dBμA/m (Max.)
Antenna Designation	Coil Antenna
Antenna Gain	0dBi
Power Supply	Input: DC 5V/3A Output: DC 5V/2A
Wireless Charging Output Power	1W-2.5W

Note: For more details, refer to the user's manual of the EUT.

2.2 Objective

Perform Radio Spectrum tests for CE Marking according to the provisions of article 3.2 of the Radio Equipment Directive (2014/53/EU) for the WPT function of the EUT.

2.3 Test Items and The Results

The tests were performed according to following standards:

ETSI EN 303 417 V1.1.1 (2017-09)	Wireless power transmission systems, using technologies other than radio frequency beam in the 19-21kHz,59-61kHz,79-90kHz,100-300 kHz, 6765-6795kHz ranges; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU

Test items and the results are as bellow:

No.	Test Item	Standard Require	Condition	Result
Harmonised Standard ETSI EN 303 417				
1	Permitted range of Operating Frequencies	sub-clause 4.3.2	/	Pass
2	Operating Frequency Ranges	sub-clause 4.3.3	/	Pass
3	H-field Requirements	sub-clause 4.3.4	/	Pass
4	Transmitter Spurious Emissions	sub-clause 4.3.5	/	Pass
5	Transmitter Out of Band (OOB) Emissions	sub-clause 4.3.6	/	Pass
6	WPT System Unwanted Conducted Emissions	sub-clause 4.3.7	Only for equipment which has a cable between the off board power supply and the primary coil which is longer than 3 m	N/A
7	Receiver Blocking	sub-clause 4.4.2	Only for Mode1, Mode2 and Mode3 (see Table 2)	Pass

Note: N/A means not applicable. This equipment does not meet the above test item evaluation conditions, so it is not applicable.

2.3 Overview of Operational Modes within a WPT System

EN 303 417 Clauses 4.2.3 Table 2: Overview of operational modes within a WPT system					
Operational Mode	Set-up	Function of base station	Function of mobile device	Test Scenario	Conformance Requirements
Mode 1: base station in stand-by, idle mode	Single device	TX	Not applicable	Single radiation test (TX) with the base station/charging pad. The test set-up as described in clause 6.1.2 shall be used.	● Operating frequency range (clause 4.3.3) ● H-Field emission (clause 4.3.4) ● TX spurious (clauses 4.3.5, 4.3.6 and 4.3.7) ● Performance criteria test (RX test) (clause 4.4)
Mode 2: Communication before charging, adjustment charging mode / position	In combination	TX and RX	TX and RX	Specific test setup, declared by the manufacturer. Manufacturer shall declare the maximal distance between base station and mobile device the WPT system is able to communicate (distance D). The test setup- up shall be performed with the largest communication distance. The test set-up as described in clause 6.1.3 shall be used.	● Operating frequency range (clause 4.3.3) ● H-Field emission (clause 4.3.4) ● TX spurious (clauses 4.3.5, 4.3.6 and 4.3.7) ● Wanted performance criteria test (RX test) (clause 4.4)
Mode 3: Communication	WPT system alignment	TX and RX	TX and RX	● Worst case alignment ● Both tests can be performed within one set-up, worst-case alignment. ● The test set-up as described in clause 6.1.4 shall be used.	● Operating frequency range (clause 4.3.3) ● H-Field emission (clause 4.3.4) ● TX spurious (clauses 4.3.5, 4.3.6 and 4.3.7) ● Wanted Performance criteria test (RX test) (clause 4.4)
Mode 4: energy transmission	WPT system alignment	TX and RX	TX and RX		

2.4 Description of Test Modes

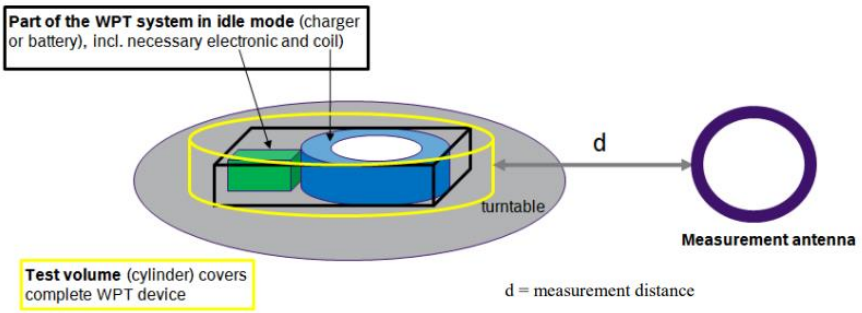
No.	Test Mode Description	Test Channel		
		Lowest	Middle	Highest
1	base station in stand-by, idle mode	/		
2	Communication before charging, adjustment charging mode / position	/	/	/
3	Communication	157.5kHz		
4	Energy transmission	112.3kHz	150.2kHz	157.5kHz

Note:
1) During the initial establishment of the charging mode (mode 2), no or very low emission occur (below the sensitivity level of the test set-up), so the mode 2 can be assumed as irrelevant for the test.
2) Mode 1 is only for base station function equipment and is not taken into consideration
3) Mode 3 and mode 4 have been performed within one set-up, worst-case alignment.
4) The communication frequency 157.5 kHz corresponds to the maximum field strength.

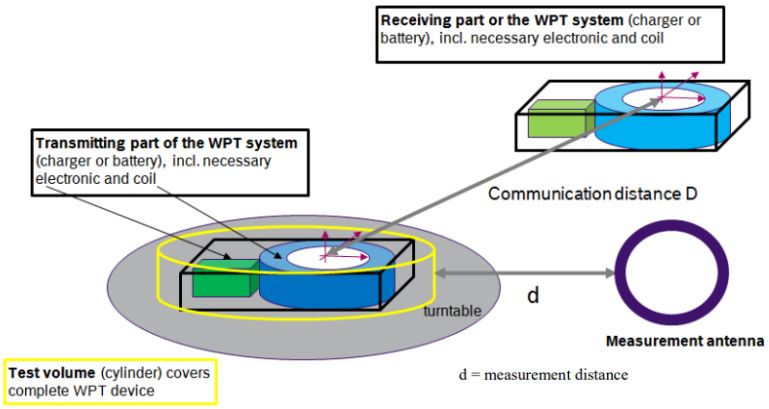
3. Setup of Equipment Under Test

3.1 Setup Configuration of EUT

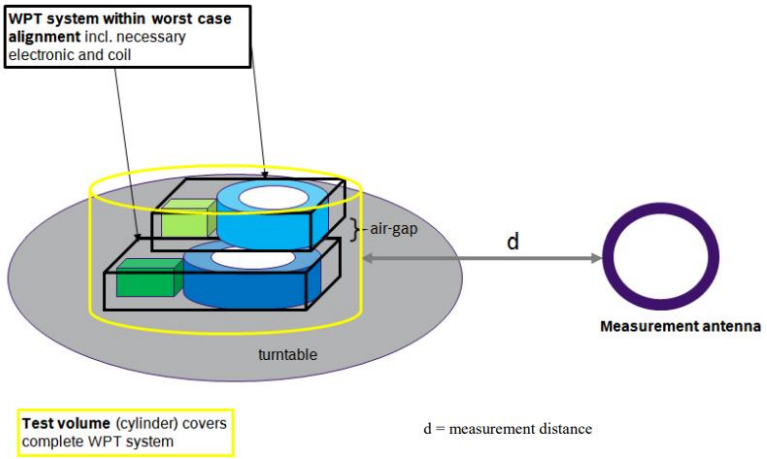
◆ Mode 1: Idle Mode



◆ Mode 2: Charging Adjustment



◆ Mode 3 and Mode 4: Power Transmission Arrangement



3.2 Support Equipment

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application.
The following peripheral devices and interface cables were connected during the measurement:

Whether support unit is used?				
☐No ☒Yes				
Item	Equipment	Manufacturer	Model No.	Specification
1	Wireless Charging Load	HUAWEI	--	Support 2.5W
2	Adapter	HUAWEI	HW-200440C00	Input(AC):100V-240V 50/60Hz 2.4A Output(DC):USB-C(5V/3A;9V/3A;10V/4A;11V/6A;12V/3A;15V/3A;20V4.4A) USB-A(5V/2A;10V/4A;11V/6A;20V/4.4A)

4. Test Environment

4.1 Address of The Test Laboratory

Laboratory: Attestation of Global Compliance (Shenzhen) Co., Ltd.

Address: 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

4.2 Test Facility

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

CNAS-Lab Code: L5488

Attestation of Global Compliance (Shenzhen) Co., Ltd. has been assessed and proved to follow CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories.)

A2LA-Lab Cert. No.: 5054.02

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to follow ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC-Registration No.: 975832

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files with Registration 975832.

IC-Registration No.: 24842(CAB identifier: CN0063)

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the Certification and Engineering Bureau of Industry Canada. The acceptance letter from the IC is maintained in our files with Registration 24842.

4.3 Environmental Conditions

Normal Condition	VN=nominal Voltage	DC 5V
	TN=normal Temperature	25 °C
Extreme Condition	VL=lower Voltage	DC 4.5V
	TL=lower Temperature	-20 °C
	VH=higher Voltage	DC 5.5V
	TH=higher Temperature	40 °C
Note: The maximum temperature of 40 is not a standard requirement and is measured according to the maximum service temperature stated by the manufacturer.		

4.4 Measurement Uncertainty

Test Items	Measurement Uncertainty
Frequency error	± 1 x 10^{-7}
Transmitter power conducted	± 0.75dB
Maximum Frequency Deviation: Within 300Hz and 6KHz of Audio Frequency Within 6KHz and 25KHz of Audio Frequency	± 5% ± 3dB
Adjacent channel power	± 3dB
Conducted Emission of Transmitter, Valid Up to 12.75GHz	± 4dB
Conducted Emissions of Receivers	± 3dB
Radiated Emission of Transmitter, Valid Up to 12.75GHz	± 6dB

Note:This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

4.5 List of Equipment Used

● Radiated Spurious Emission							
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
☒	AGC-EM-E046	EMI Test Receiver	R&S	ESCI	10096	2025-01-14	2026-01-13
☒	AGC-EM-E061	Spectrum Analyzer	Agilent	N9010A	MY53470504	2024-05-28	2025-05-27
☒	AGC-EM-E005	Wideband Antenna	SCHWARZBECK	VULB9168	VULB9168-494	2025-01-15	2027-01-14
☒	AGC-EM-E146	Pre-amplifier	ETS	3117-PA	00246148	2024-08-03	2026-07-23
☒	AGC-EM-E086	Active loop antenna(9K-30MHz)	ZHINAN	ZN30900C	18051	2024-03-05	2026-03-04
☒	AGC-EM-E017	Power Amplifier	AR	75A250	18464	2024-07-24	2025-07-23
☒	AGC-SA-E320	Clamp meter	PROVA	PROVA-11	21200927	2024-05-20	2025-05-19

● Test Software					
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Version Information
☒	AGC-EM-S011	RSE Test System	Tonscend	TS+-Ver2.1(JS36-RSE)	4.0.0.0

5. ETSI EN 303 417 Requirements for Transmitter and Receiver

5.1 Operating Frequency Ranges and Permitted Range of Operating Frequencies

Test Limit

The permitted range of operating frequency range(s) for intentional emissions shall be within 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz, 100 - 300 kHz, 6 765 - 6 795 kHz,

Test Description

- The operating frequency range is the frequency range over which the WPT system is intentionally transmitting (all operational modes, see clause 4.2.3, Table 2).
- The operating frequency range(s) of the WPT system are determined by the lowest (f_L) and highest frequency (f_H) as occupied by the power envelope.
- The WPT system could have more than one operating frequency range. For a single frequency systems the OFR is equal to the occupied bandwidth (OBW) of the WPT system.
- For multi-frequency systems the OFR is described in Figures 2 and 3.

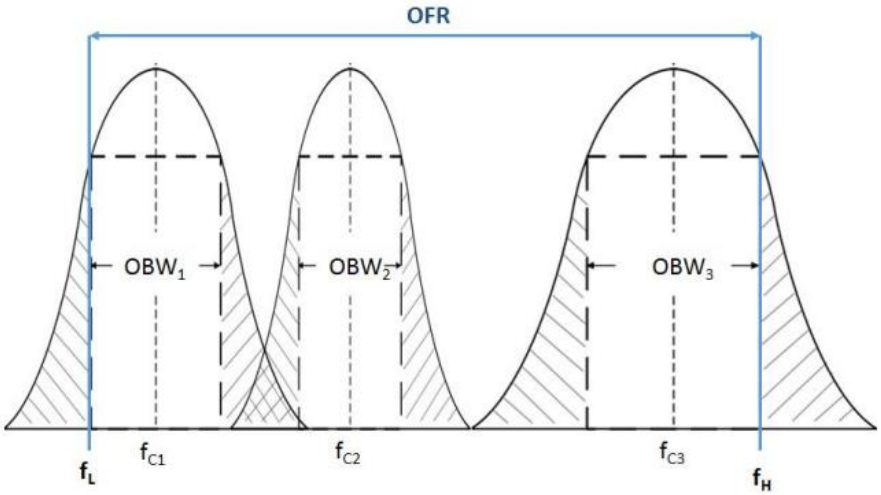


Figure 2: OFR of a multi - frequency WPT system within one frequency range of Table 2 and within one WPT system cycle time

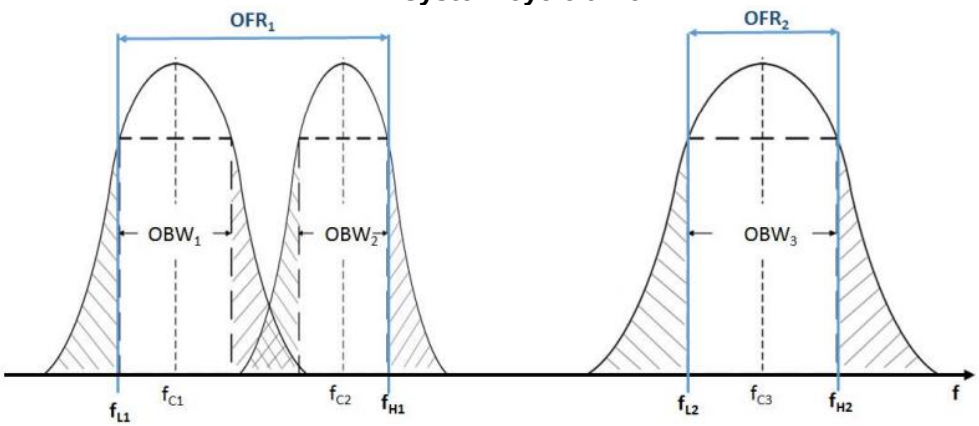
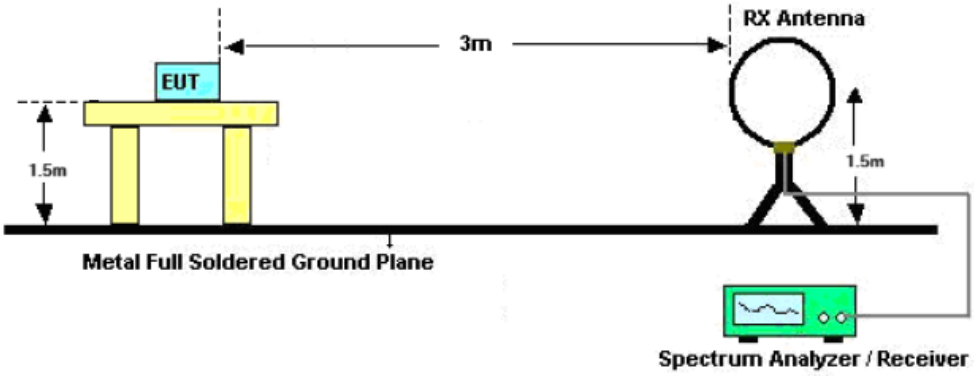


Figure 3: OFR of a multi - frequency WPT system within two frequency ranges of Table 2 and within one WPT system cycle time

Test Setup



Test Procedure

1. The EUT was placed on a turn table which is 1.5m above ground plane.
2. The EUT was modulated by normal signal,
3. Set SPA Center Frequency = fundamental frequency, RBW=VBW=200Hz, Span=5kHz, Detector=RMS. The 99 % OBW function shall be used to determine the operating frequency range, f_H is the frequency of the upper marker resulting from the OFR, f_L is the frequency of the lower marker resulting from the OFR.
4. Both normal test condition and extreme test condition applied

Test Result

☒Test Mode: Mode 3

Frequency (kHz)	Test Conditions		99% Bandwidth (kHz)	F_L at 99% BW (kHz)	F_H at 99% BW (kHz)	Limit Band (kHz)	Result
	Temperature (°C)	Voltage (V)					
157.5	-20	4.5	0.849	157.077	157.927	100~300	Pass
		5.5	0.848	157.073	157.922		Pass
	25	5	0.855	157.073	157.928		Pass
	40	4.5	0.843	157.079	157.922		Pass
		5.5	0.848	157.077	157.925		Pass

☒Test Mode: Mode 4

Frequency Range (kHz)	Test Conditions		Lower Frequency (kHz)	Upper Frequency (kHz)	Limit Band (kHz)
	Temperature (°C)	Voltage (V)			
112.3~157.5	-20	4.5	111.916	157.912	100~300
		5.5	111.921	157.910	
	25	5	111.915	157.913	
	40	4.5	111.918	157.910	
		5.5	111.918	157.912	
OFR	45.999kHz				
Result	Pass				

5.2 Transmitter H-Field Requirements

Test Limit

- The H-field limits are provided in Table 3.
- They have been specified for control of any radiated emissions within the OFR originating from the WPT system (power transmission and accompanying data communication).
- The H-field limits in Table 3 are EU wide harmonised according to EC Decision 2013/752/EU [i.2]. Further information is available in CEPT/ERC/REC 70-03 [i.1].

Table 3: H-field limits

Frequency range [MHz]	H-field strength limit [dBµA/m at 10 m]	Comments
0,019 ≤ f < 0,021	72	
0,059 ≤ f < 0,061	69,1 descending 10 dB/dec above 0,059 MHz	See note 1
0,079 ≤ f < 0,090	67,8 descending 10 dB/dec above 0,079 MHz	See note 2
0,100 ≤ f < 0,119	42	
0,119 ≤ f < 0,135	66 descending 10 dB/dec above 0,119 MHz	See note 1
0,135 ≤ f < 0,140	42	
0,140 ≤ f < 0,1485	37,7	
0,1485 ≤ f < 0,30	-5	
6,765 ≤ f < 6,795	42	
NOTE 1: Limit is 42 dBµA/m for the following spot frequencies: 60 kHz ± 250 Hz and 129,1 kHz ± 500 Hz. NOTE 2: At the time of preparation of the present document the feasibility of increased limits for high power wireless power transmission systems to charge vehicles [i.4] was prepared. New specific requirements for such systems (e.g. higher H-field emission limits in the 79 - 90 kHz band) will be reflected within a future revision of the present document.		

- The H-field limit in dBµA/m at 3 m, H_{3m}, is determined by the following equation:

$$H_{3m} = H_{10m} + C_3 \quad (F.2)$$

Where: H_{10m} is the H-field limit in dBµA/m at 10 m distance according to the present document; and C_3 is a conversion factor in dB determined from figure F.2.

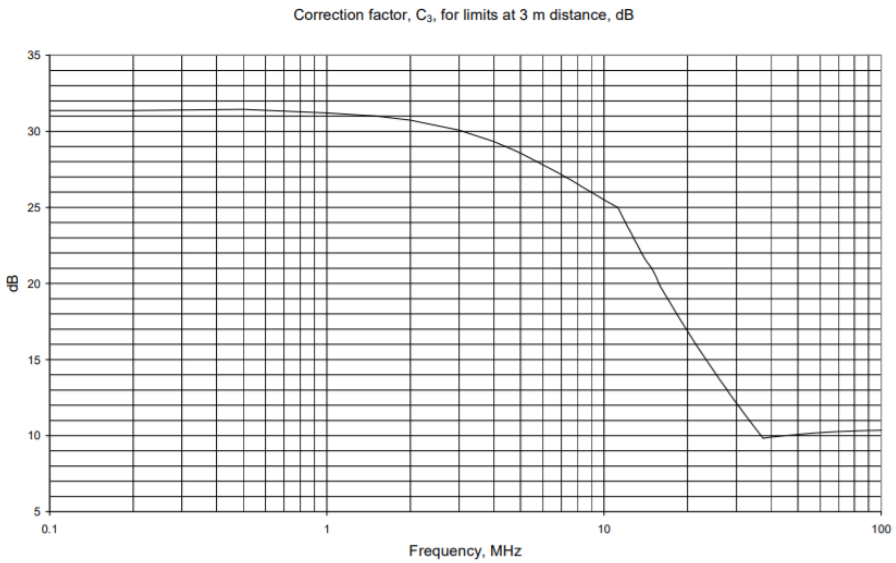
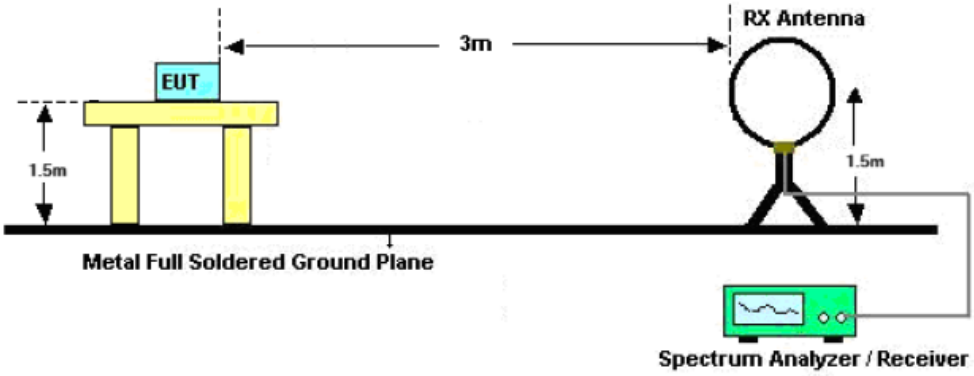


Figure H.2: Conversion factor C_3 versus frequency

- E(dBµV/m) = dBµA/m+51.5;
- ERP (dBm)=E(dBµV/m) +20lg(D)-104.8, D is the measurement distance;
- ERP=10lgP(mW)

Test Setup



Test Procedure

1. The EUT was placed on the top of an insulating table 1.5 meters above the ground at a semi-anechoic chamber. 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.
3. The H-field is measured with a shielded loop antenna connected to a measurement receiver.
4. The measuring bandwidth and detector type of the measurement receiver shall be in accordance with EN 300 330 V2.1.1 clause 5.12.
5. The EUT operate with modulation under normal and extreme conditions.

Test Result

Test conditions	Test Temp.	Test Volt.	Note
TN/VN	25°C	5V	Worst case
TL/ VL	-20°C	4.5V	
TH/VL	40°C	5.5V	
TL/VH	-20°C	4.5V	
TH/VH	40°C	5.5V	

☒Test Mode: Mode 3

Frequency (kHz)	Reading (dBμA/m)	Factor (dB)	Field Strength (dBμV/m@3m)	Field Strength (dBμA/m@3m)	Calculated (dBμA/m@10m)	Limit at 10m (dBμA/m@10m)	Result
157.5	30.85	27.15	58	6.5	-24.7	-5.00	Pass

☒Test Mode: Mode 4

Frequency (kHz)	Reading (dBμA/m)	Factor (dB)	E-Field Strength (dBμV/m@3m)	H-Field Strength (dBμA/m@3m)	Calculated (dBμA/m@10m)	Limit at 10m (dBμA/m@10m)	Result
112.3	31.22	27.15	58.37	6.87	-24.33	42.00	Pass
150.2	33.02	27.15	60.17	8.67	-22.53	-5.00	Pass
157.5	32.68	27.15	59.83	8.33	-22.87	-5.00	Pass

Remark:
1. Field Strength at 3m(dBμA/m) = Reading Level + Corrected Factor
2. Calculated at 10m(dBμA/m) = Field Strength at 3m(dBμA/m)-31.2dB
3. For the calculated method, please refer to Annex F at EN 300330.

5.3 Transmitter Out of Band (OOB) Emissions

Test Limit

The OOB limits are visualized in Figures 4 and 5; they are descending from the intentional limits from Table 3 at f_H/f_L with 10 dB/decade.

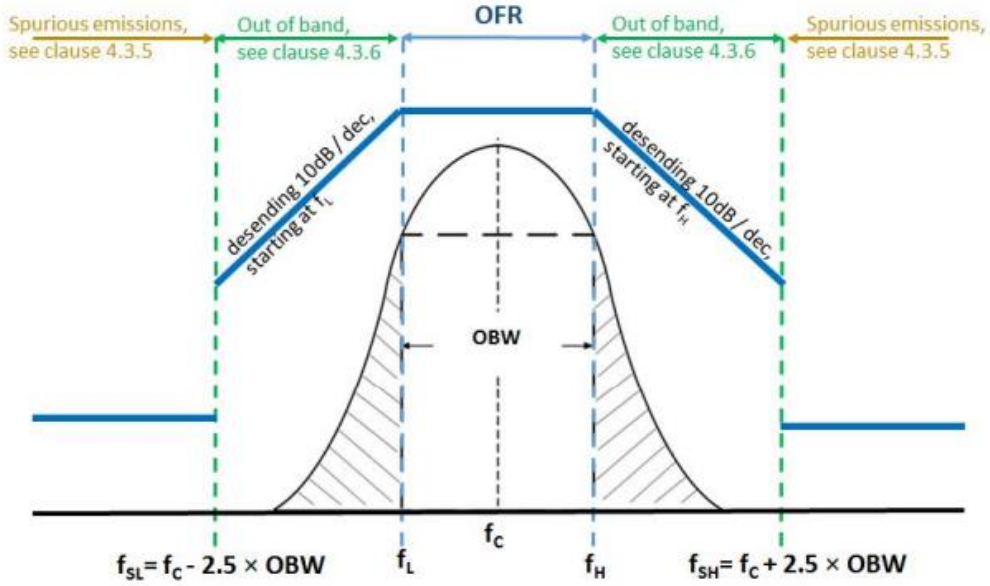


Figure 4: Out of band and spurious domain of a single frequency WPT system

The transmitter spurious emissions for a multi frequency system (within one WPT frequency range from Table 2) are to be considered in frequency ranges defined in Figure 5 ($f < f_{SL}$ and $f > f_{SH}$)

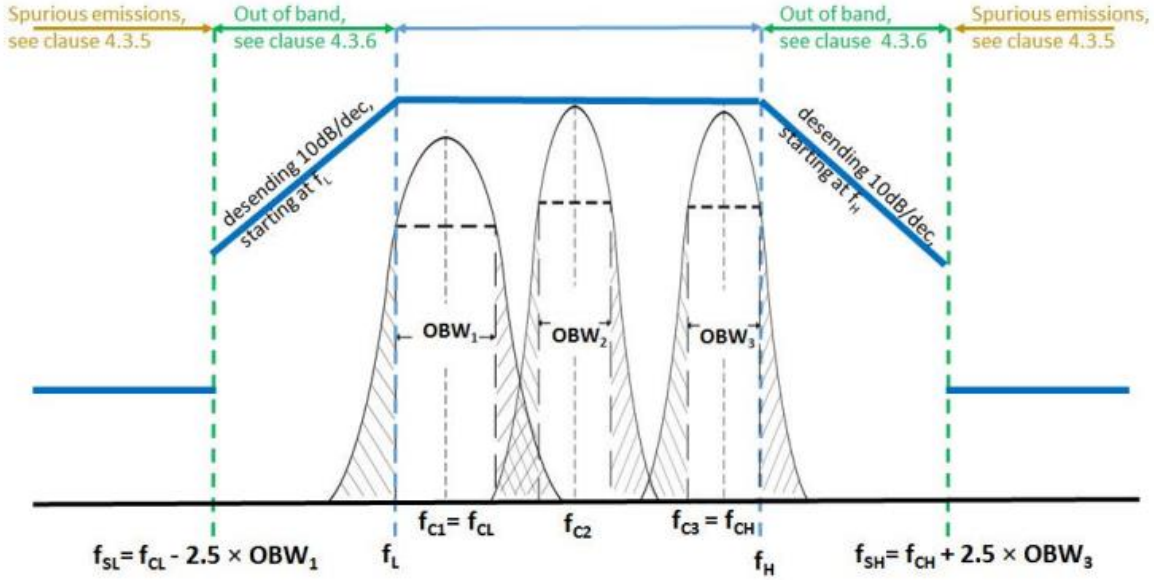
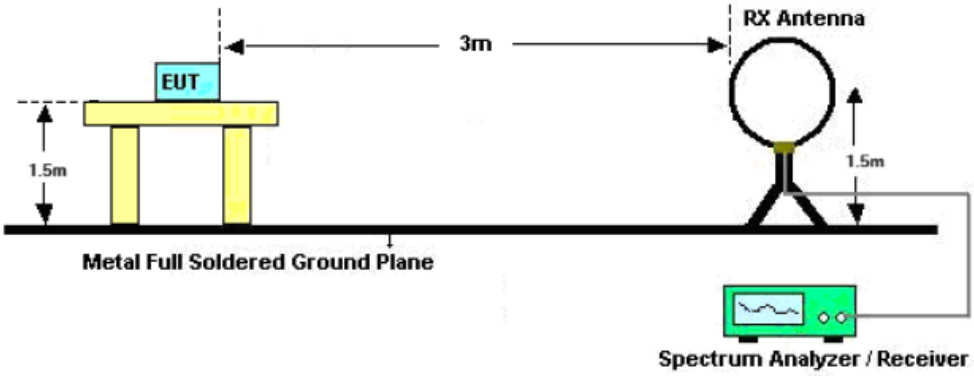


Figure 5: Out of band and spurious domain of a multi - frequency system (during one WPT system cycle time)

Test Setup



Test Procedure

1. The EUT was placed on a turn table which is 1.5m above ground plane.
2. The EUT was modulated by normal signal,
3. Set SPA Center Frequency = fundamental frequency, RBW=VBW=200Hz, Span=5KHz, Detector=RMS. The 99 % OBW function shall be used to determine the operating frequency range, f_H is the frequency of the upper marker resulting from the OFR, f_L is the frequency of the lower marker resulting from the OFR.
4. Both normal test condition and extreme test condition applied

Test Result

☒Test Mode: Mode 3

Test Frequency (kHz)	Frequency Range (kHz)		Maximum level @10m (dBμA/m)	Limit @ 10m (dBμA/m)	Result
157.5	f_{SL}-f_L	155.363 - 157.073	Less than -33.86	See figure 4	Pass
	f_L	157.073	-33.86	-5.00	Pass
	f_H	157.928	-34.38	-5.00	Pass
	f_H-f_{SH}	157.928 - 159.638	Less than -34.38	See figure 4	Pass

☒Test Mode: Mode 4

Test Frequency (kHz)	Frequency Range (kHz)		Maximum level @10m (dBμA/m)	Limit @ 10m (dBμA/m)	Result
112.3-157.5	f_{SL}-f_L	110.373 - 111.915	Less than -33.49	See figure 4	Pass
	f_L	111.915	-33.49	42.00	Pass
	f_H	157.913	-32.55	-5.00	Pass
	f_H-f_{SH}	157.913 - 159.565	Less than -32.55	See figure 4	Pass

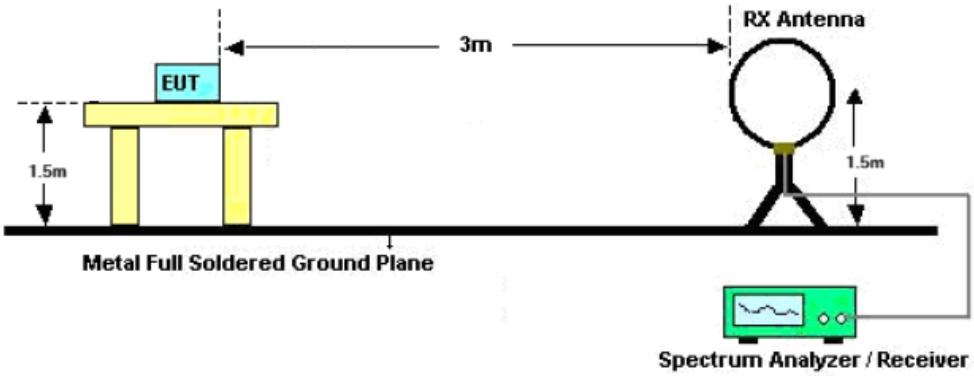
5.4 Transmitter Spurious Emissions (Frequency Below 30MHz)

Test Limit

Operating Mode		
Frequency Range	Distance	Maximum Field Strength Limit
9 kHz ≤ f < 10 MHz	10m	27dBμA/m at 9 kHz descending 3 dB/oct
10 MHz ≤ f < 30 MHz	10m	-3.5 dBμA/m
Stand-by Mode		
9 kHz ≤ f < 10 MHz	10m	5.5dBμA/m at 9 kHz descending 3 dB/oct
10 MHz ≤ f < 30 MHz	10m	-25 dBμA/m

Note: "Operating" means mode 2, 3 and 4 according to Table 2; "standby" means mode 1 according to Table 2.

Test Setup



Test Procedure

◆ For test method of frequency range (9 kHz-30MHz)

1. The EUT was placed on the top of an insulating table 1.5 meters above the ground at a semi-anechoic chamber. 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.
3. The H-field is measured with a shielded loop antenna connected to a measurement receiver.
4. The measuring bandwidth and detector type of the measurement receiver shall be in accordance with EN 300 330 V2.1.1 clause 5.12

Test Result

☒Test Mode: Mode 3 (Operating Mode: Face)

Transmitter Spurious Emissions for 9kHz to 30MHz							
Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	E-Field Strength@3m (dBμV/m)	E-Field Strength@10m (dBμV/m)	Calculated@10m (dBμA/m)	Limit@10m (dBμA/m)	Margin (dB)
0.057	20.57	35.88	56.45	45.99	-5.51	18.95	24.45
0.358	17.77	33.13	50.90	40.44	-11.06	11.01	22.07
0.489	14.76	33.13	47.89	37.43	-14.07	9.65	23.72
2.060	14.77	25.45	40.22	29.76	-21.74	3.40	25.15
3.202	12.68	22.66	35.34	24.88	-26.62	1.49	28.11
6.095	11.28	18.56	29.84	19.38	-32.12	-1.31	30.81

☒Test Mode: Mode 3 (Operating Mode: Side)

Transmitter Spurious Emissions for 9kHz to 30MHz							
Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	E-Field Strength@3m (dBμV/m)	E-Field Strength@10m (dBμV/m)	Calculated@10m (dBμA/m)	Limit@10m (dBμA/m)	Margin (dB)
0.056	20.47	35.88	56.35	45.89	-5.61	19.07	24.69
0.280	17.69	33.13	50.82	40.36	-11.14	12.06	23.20
0.577	14.43	33.13	47.56	37.10	-14.40	8.93	23.33
2.041	14.57	25.45	40.02	29.56	-21.94	3.44	25.38
3.683	12.66	22.66	35.32	24.86	-26.64	0.88	27.52
6.242	11.06	18.56	29.62	19.16	-32.34	-1.41	30.93

☒Test Mode: Mode 4 (Operating Mode: Face), Lowest Channel Worst Case

Transmitter Spurious Emissions for 9kHz to 30MHz							
Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	E-Field Strength@3m (dBμV/m)	E-Field Strength@10m (dBμV/m)	Calculated@10m (dBμA/m)	Limit@10m (dBμA/m)	Margin (dB)
0.039	20.45	35.88	56.33	45.87	-5.63	20.62	26.26
0.224	17.58	33.13	50.71	40.25	-11.25	13.04	24.30
0.491	14.68	33.13	47.81	37.35	-14.15	9.63	23.78
1.336	14.45	25.45	39.90	29.44	-22.06	5.28	27.34
3.237	12.73	22.66	35.39	24.93	-26.57	1.44	28.01
4.061	11.21	18.56	29.77	19.31	-32.19	0.46	32.65

☒Test Mode: Mode 4 (Operating Mode: Side), Lowest Channel Worst Case

Transmitter Spurious Emissions for 9kHz to 30MHz							
Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	E-Field Strength@3m (dBμV/m)	E-Field Strength@10m (dBμV/m)	Calculated@10m (dBμA/m)	Limit@10m (dBμA/m)	Margin (dB)
0.046	20.67	35.88	56.55	46.09	-5.41	19.88	25.30
0.264	17.81	33.13	50.94	40.48	-11.02	12.32	23.34
0.404	14.74	33.13	47.87	37.41	-14.09	10.48	24.57
1.512	14.36	25.45	39.81	29.35	-22.15	4.75	26.89
3.419	12.58	22.66	35.24	24.78	-26.72	1.20	27.92
3.313	11.11	18.56	29.67	19.21	-32.29	1.34	33.63

Notes:

1. Negative sign (-) in the margin column signify levels below the limit.
2. Other emissions found were at least 20 dB below the limit.
3. E-Field Strength@3m(dBμV/m) = Reading Level + Factor
4. E-Field Strength@10m(dBμV/m) = E-Field Strength@3m(dBμV/m)+10.46dB
5. H-Field Strength(dBμA/m)= E-Field Strength(dBμV/m)-51.5dB

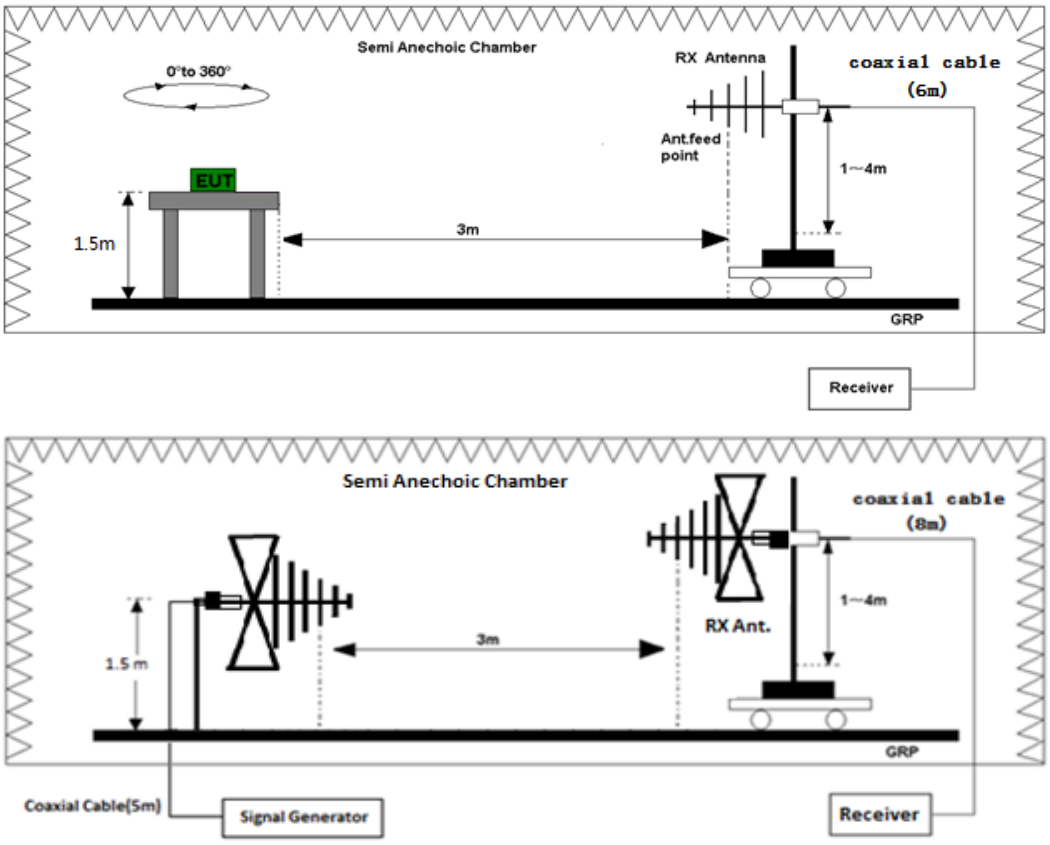
5.5 Transmitter Spurious Emissions (Frequency Above 30MHz)

Spurious emissions are emissions at frequencies other than those of the carrier and sidebands associated with normal modulation.

Test Limit

Frequency Range	Operating Mode Limit	Standby Mode Limit
47 MHz to 74 MHz	4 nW	2 nW
87.5 MHz to 118 MHz	4 nW	2 nW
174 MHz to 230 MHz	4 nW	2 nW
470 MHz to 790 MHz	4 nW	2 nW
Other frequency between 30 MHz to 1000 MHz	250 nW	2 nW

Test Setup



Radiated Emission Test Set-Up Frequency 30 MHz ~ 1 GHz

Test Procedure

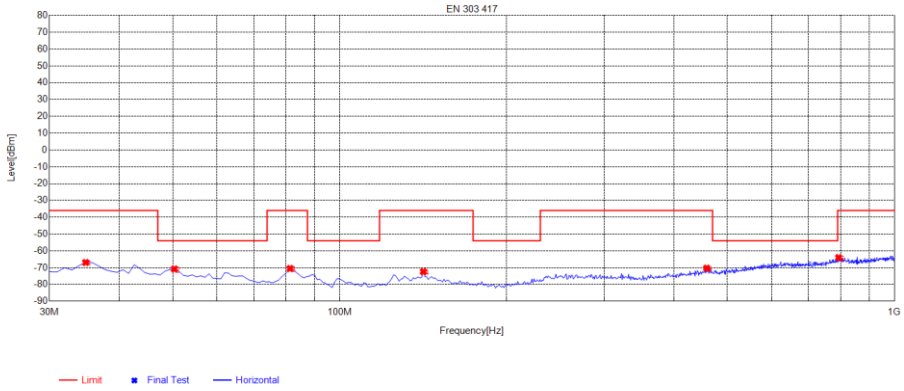
◆ For test method of frequency range (30 MHz-1000MHz)

1. EUT was placed on a 1.5m height wooden table. The search antenna is placed at 3m distances from the EUT and search antenna height is from 1-4m. With the transmitter operating at continuously mode, the turntable was slowly rotated to locate the direction of maximum emission. Once maximum direction is determined, the search antenna was raised and lowered in both vertical and horizontal polarizations.
2. The EUT was removed from the turntable and replaced with a linearly polarized antenna connected to a calibrated RF signal generator. The RF generator was set to a measured emission frequency and the search antenna was raised and lowered to produce a maximum received reading. The generator output was increased to match the radiated emission reading measured previously, and the result expressed in dB EIRP or ERP, correcting for substitution antenna gain at each frequency.
3. Factor=Antenna Factor + Cable loss, Margin=Limit- Measurement Level.
4. The “Factor” value can be calculated automatically by software of measurement system.
5. All test modes had been pre-tested. The worst case and recorded in the report.

Test Result

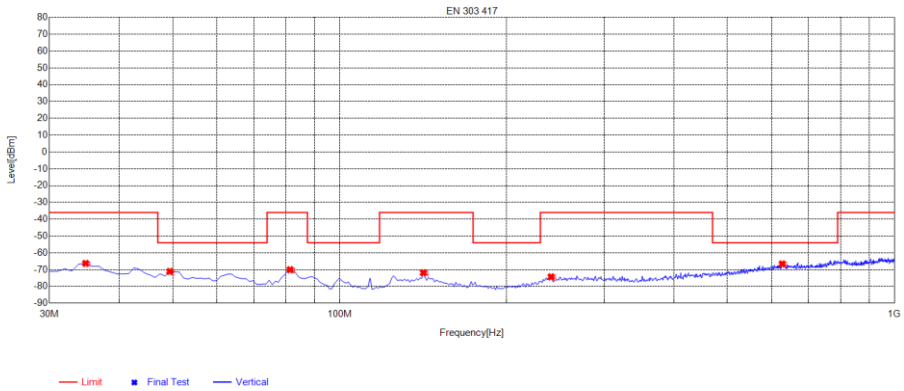
Test mode:	Operating (Mode 3)	Test Frequency:	157.5kHz

Horizontal



NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	34.85	-96.46	-66.95	-36.00	30.95	29.51	330	Horizontal
2	50.37	-98.49	-70.85	-54.00	16.85	27.64	190	Horizontal
3	81.41	-94.22	-70.52	-36.00	34.52	23.70	140	Horizontal
4	141.55	-99.22	-72.40	-36.00	36.40	26.82	160	Horizontal
5	458.74	-100.79	-70.33	-36.00	34.33	30.46	300	Horizontal
6	793.39	-100.86	-64.06	-36.00	28.06	36.80	340	Horizontal

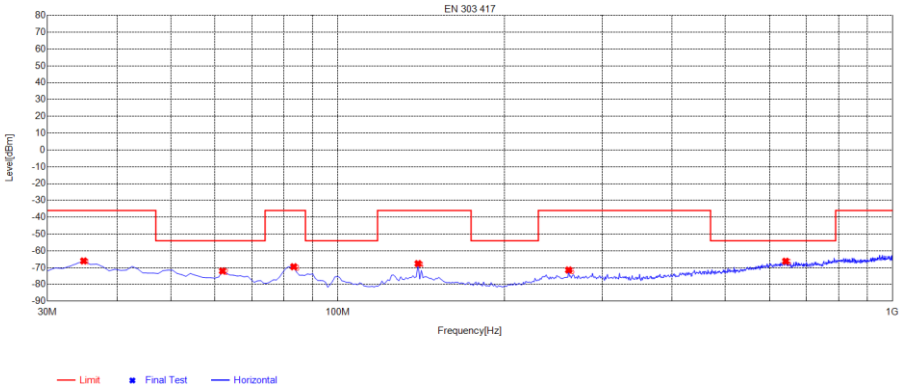
Vertical



NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	34.85	-95.82	-66.31	-36.00	30.31	29.51	340	Vertical
2	49.4	-98.88	-71.09	-54.00	17.09	27.79	80	Vertical
3	81.41	-93.76	-70.06	-36.00	34.06	23.70	150	Vertical
4	141.55	-98.68	-71.86	-36.00	35.86	26.82	30	Vertical
5	240.49	-100.72	-74.32	-36.00	38.32	26.40	50	Vertical
6	627.52	-100.90	-66.60	-54.00	12.60	34.30	40	Vertical

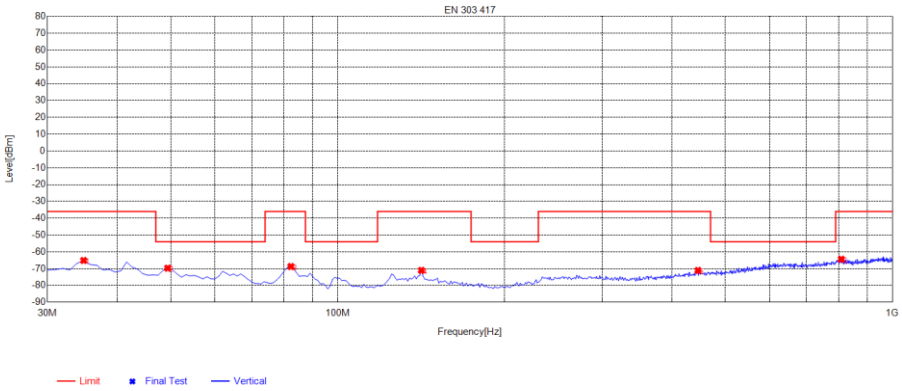
Test mode:	Operating (Mode 4)	Test Frequency:	150.2kHz

Horizontal



NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	34.85	-95.55	-66.04	-36.00	30.04	29.51	20	Horizontal
2	62.01	-97.53	-72.01	-54.00	18.01	25.52	190	Horizontal
3	83.35	-92.62	-69.48	-36.00	33.48	23.14	70	Horizontal
4	139.61	-94.59	-67.62	-36.00	31.62	26.97	90	Horizontal
5	260.86	-98.87	-71.43	-36.00	35.43	27.44	350	Horizontal
6	642.07	-100.67	-66.23	-54.00	12.23	34.44	220	Horizontal

Vertical



NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	34.85	-94.67	-65.16	-36.00	29.16	29.51	40	Vertical
2	49.4	-97.54	-69.75	-54.00	15.75	27.79	20	Vertical
3	82.38	-92.18	-68.77	-36.00	32.77	23.41	250	Vertical
4	141.55	-97.87	-71.05	-36.00	35.05	26.82	120	Vertical
5	446.13	-101.20	-71.10	-36.00	35.10	30.10	130	Vertical
6	808.91	-101.48	-64.41	-36.00	28.41	37.07	270	Vertical

5.6 Receiver Blocking

Test Limit

The EUT shall achieve the wanted performance criterion, in the presence of the blocking signal.

	In-band signal	OOB signal	Remote-band signal
Frequency	Centre frequency (f_c) of the WPT system (see clause 4.3.3)	$f = f_c \pm F$ (see note)	$f = f_c \pm 10*F$ (see note)
Signal level field strength at the EUT	72dBμA/m	72dBμA/m	82dBμA/m
Note: F = OFR see clause 4.3.3.			

Test Setup

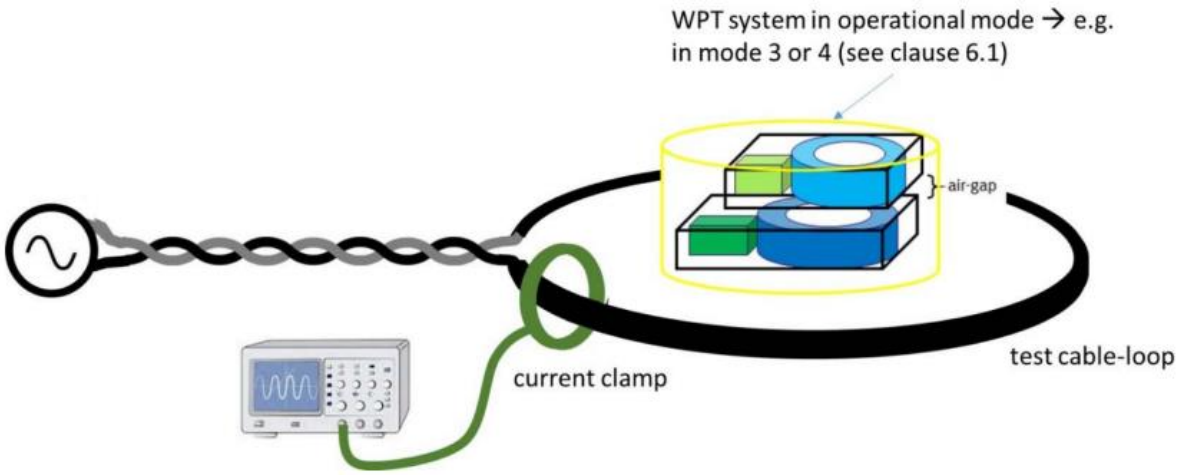


Figure 11: Schematic test set-up for the RX-blocking test

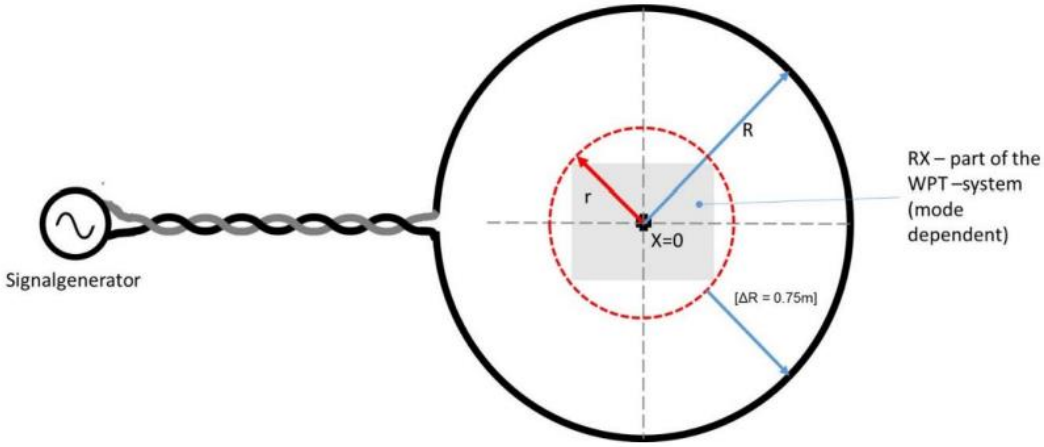


Figure 12: Schematic test set-up for the RX-blocking test

Test Procedure

The fulfilment of the WPT system performance criterion in all possible operational modes (see clause 4.2.3) shall be tested in presence of the inference signals according to Table 6.

- The manufacturer shall declare in which device orientation(s) (worst case) the test shall be performed.
- The WPT system shall initially operate without interference according to its specified sensitivity (detecting an specific object in the maximum depth as declared by the manufacturer (see clause 4.2.2 on wanted performance criteria)).
- The test setup is visualized in the following Figures 11 and 12.
- The tool shall be operated as intended (e.g. some tools might require to be moved across the object, some tool can be used stationary).
- The test shall be carried out inside a test chamber according to clauses C.1.1 and C.1.2 in ETSI EN 300 330 [1].
- A test loop with a radius r shall be used to create the magnetic field; the test loop shall lie on a non-metallic ground and the minimum distance to metallic objects (e.g. ground plane) shall be 0,75 m.
- The EUT shall be placed to the centre of the test-loop (e.g. see Figures 11 and 12).
- The test loop shall be sufficiently large so that the test loop itself does not influence the WPT system; The radius R of the test-loop shall be in minimum ΔR = 0,75 m larger than the maximum dimension r of the EUT.
- (See Figure 12): R >= r + ΔR.
- The maximum H-Field can be calculated from the loop current I (into the test-loop) with the following formula:

$$H = \frac{I}{2R}$$

Test Result

☒Test Mode: Mode 3

Interference Type	Test Frequency (kHz)	Signal level @ EUT	Performance	Result
In-band signal	157.5	72dBuA/m	No function loss	Pass
OOB signal	156.645	72dBuA/m	No function loss	Pass
	158.355	72dBuA/m	No function loss	Pass
Remote-band signal	148.95	82dBuA/m	No function loss	Pass
	166.05	82dBuA/m	No function loss	Pass

Appendix I: Photographs of Test Setup

Radiated Spurious Emissions Below 30MHz Test Setup

Radiated Spurious Emissions Below 1GHz Test Setup

Appendix II: Photographs of Test EUT

Refer to the Report No.: AGC05443250404AP01

Conditions of Issuance of Test Reports

1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the “Company”) solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the “Clients”).
2. Any report issued by Company as a result of this application for testing services (the “Report”) shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3.The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
7.Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

-----End of Report-----

Health Test Report

Report No.: AGC05443250404EH01

PRODUCT DESIGNATION	:	3 in 1 cable w/ watch charger
BRAND NAME	:	N/A
MODEL NAME	:	MO2722
APPLICANT	:	MID OCEAN BRANDS B.V.
DATE OF ISSUE	:	Apr. 17, 2025
STANDARD(S)	:	EN IEC 62311:2020 EN 50665:2017
REPORT VERSION	:	V1.0

Attestation of ***G***lobal ***C***ompliance (Shenzhen) Co., Ltd

Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Apr. 17, 2025	Valid	Initial Release

Table of Contents

1. General Information

Applicant	MID OCEAN BRANDS B.V.
Address	7/F. Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Manufacturer	MID OCEAN BRANDS B.V.
Address	7/F. Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Factory	MID OCEAN BRANDS B.V.
Address	7/F. Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Product Designation	3 in 1 cable w/ watch charger
Brand Name	N/A
Test Model	MO2722
Series Model(s)	N/A
Difference Description	N/A
Date of receipt of test item	Apr. 02, 2025
Date of Test	Apr. 02, 2025~Apr. 17, 2025
Deviation from Standard	No any deviation from the test method
Condition of Test Sample	Normal
Test Result	Pass
Test Report Form No	AGCER-EU-Health/5-V1

Note: The test results of this report relate only to the tested sample identified in this report.

Prepared By	Thea Huang Thea Huang (Project Engineer)	Apr. 17, 2025
Reviewed By	Calvin Liu Calvin Liu (Reviewer)	Apr. 17, 2025
Approved By	Angela Li Angela Li (Authorized Officer)	Apr. 17, 2025

2. Product Information

2.1 Product Technical Description

Product Designation	3 in 1 cable w/ watch charger
Test Model	MO2722
Hardware Version	V1.0
Software Version	V1.0
Power Supply	Input: DC 5V/3A Output: DC 5V/2A
Wireless Charging Output Power	1W-2.5W
WPT Technical Parameters	
Operation Frequency Range	110kHz-205kHz; 315kHz-330kHz
Modulation Type	ASK
Antenna Designation	Coil Antenna
Antenna Gain	0dBi

Note:

1. The above information was declared by the manufacturer.
2. The equipment submitted are representative production models.
3. For more details, please refer to the User's manual of the EUT.

3. Test Environment

3.1 Address of The Test Laboratory

Laboratory: Attestation of Global Compliance (Shenzhen) Co., Ltd.

Address: 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

3.2 Test Facility

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

CNAS-Lab Code: L5488

Attestation of Global Compliance (Shenzhen) Co., Ltd. has been assessed and proved to follow CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories.)

A2LA-Lab Cert. No.: 5054.02

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to follow ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC-Registration No.: 975832

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files with Registration 975832.

IC-Registration No.: 24842(CAB identifier: CN0063)

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the Certification and Engineering Bureau of Industry Canada. The acceptance letter from the IC is maintained in our files with Registration 24842.

4. EN 62311 Requirements for Near Field Measurements

4.1 Evaluation Methodology

- This International Standard applies to electronic and electrical equipment for which no dedicated product- or product family standard regarding human exposure to electromagnetic fields applies.
- This generic standard applies to electronic and electrical apparatus for which no dedicated product- or product family standard regarding human exposure to electromagnetic fields applies.
- The frequency range covered is 0 Hz to 300 GHz.
- The object of this generic standard is to provide assessment methods and criteria to evaluate such equipment against basic restrictions or reference levels on exposure of the general public related to electric, magnetic, electromagnetic fields and induced and contact current.

Note: This standard is intended to cover both intentional and non-intentional radiators. If the equipment complies with the requirements in another relevant standard, e.g. EN 62479 covering low power equipment, then the requirements of this standard (IEC 62311) are considered to be met and the application of this standard to that equipment is not necessary.

4.2 Measurement limits

According to EN IEC 62311:2020, Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0Hz–300GHz).

Annex F Measurement of E and H field

A commonly used probe size is 100 cm^2, also the contribution of the three axes X, Y and Z can be evaluated separately.

Frequency Range	E-field Strength (V/m)	H-Field Strength (A/m)	B-Field (uT)	Equivalent plane Wave Power Density (W/m^2)
0-1 Hz	--	$3.2*10^4$	$4*10^4$	--
1-8 Hz	10000	$3.2*10^4/f^2$	$4*10^4/f^2$	--
8-25 Hz	10000	4000/f	5000/f	--
0.025-0.8 kHz	250/f	4/f	5/f	--
0.8-3 kHz	250/f	5	6.25	--
3-150 kHz	87	5	6.25	--
0.15-1 MHz	87	0.73/f	0.92/f	--
1-10 MHz	$87/f^{1/2}$	0.73/f	0.92/f	--
10-400 MHz	28	0.073	0.092	2
400-2000 MHz	$1.375\ f^{1/2}$	$0.0037\ f^{1/2}$	$0.0046\ f^{1/2}$	f/200
2-300 GHz	61	0.16	0.20	10

*Note:

1. f as indicated in the frequency range column.
2. Provided that basic restrictions are met and adverse indirect effects can be excluded, field strength values can be exceeded.
3. For frequencies between 100 kHz and 10 GHz, S, E2 , H2 and B2 are to be averaged over any 6-min period.
4. For peak values at frequencies up to 100 kHz see Table 4, note 3.
5. For peak values at frequencies exceeding 100 kHz see Figs.1 and 2. Between 100 KHz and 10MHz, peak

values for the field strengths are obtained by interpolation from the 1.5-fold peak at 100 kHz to the 32-fold peak at 10 MHz. For frequencies exceeding 10 MHz it is suggested that the peak equivalent plane wave power density, as averaged over the pulse width, does not exceed 1,000 times the S restrictions, or that the field strength does not exceed 32 times the field strength exposure levels given in the table.

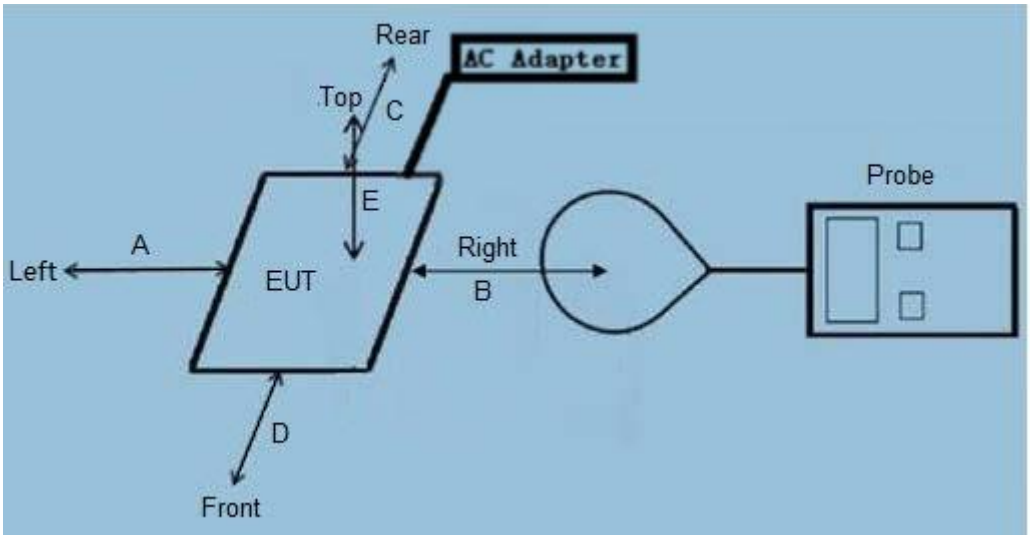
6. For frequencies exceeding 10 GHz, S, E2 , H2 and B2 are to be averaged over any 68/ f1.05 –min period (f in GHz).
7. No E-field value is provided for frequencies < 1 Hz, which are effectively static electric fields, Electric shock from low impedance sources is prevented by established electrical safety procedures for such equipment

4.3 Measurement Method and Arrangement

- **Measurement of E and H field**

A commonly used probe size is 100 cm^2, also the contribution of the three axes X, Y and Z can be evaluated separately

Mobile:



Note:

1. Position D: Front of EUT; Position A: Left of EUT; Position C: Back/Rear of EUT; Position B: Right of EUT; Position E: Top of EUT, Position F: Bottom of EUT
2. The peripheral load in the diagram is for reference only. It may not match the actual USB peripherals.

4.4 Test Equipment List

Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
☒	AGC-RF-011	Broadband Field Meter	WAVECONTROL	SMP2	J-0004	2024-06-06	2025-06-05
☒	AGC-RF-012	Probe FHP	WAVECONTROL	WP400	J-0015	2024-06-06	2025-06-05

4.5 Measurement Uncertainty

The reported uncertainty of measurement y ±U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

Item	Measurement Uncertainty
E-Field Strength (0.003-0.4MHz)	±1.5dB
E-Field Strength (0.4-10MHz)	±1.3dB
H-Field Strength (0.003-0.4MHz)	±1.3dB
H-Field Strength (0.4-10MHz)	±1.2dB

4.6 Description of Test Modes

No.	Test Mode Description	Exposure Conditions
1	AC/DC Adapter + EUT + Wireless load(Full load) + Wired load(Output by TYPE-C + Output by Lightning)	Mobile
2	AC/DC Adapter + EUT + Wireless load(half load) + Wired load (Output by TYPE-C + Output by Lightning)	Mobile
3	AC/DC Adapter + EUT + Wireless load(null load) + Wired load (Output by TYPE-C + Output by Lightning)	Mobile
Note: All test modes were pre-tested, but we only recorded the worst case in this report.		

4.7 Test Result

Test Frequency (kHz)	Maximum Radiated H-Field at 20cm (A/m)		Limit (A/m)	Result
157.5	Position A	0.046	5	Pass
	Position B	0.038		
	Position C	0.027		
	Position D	0.035		
	Position E	0.039		

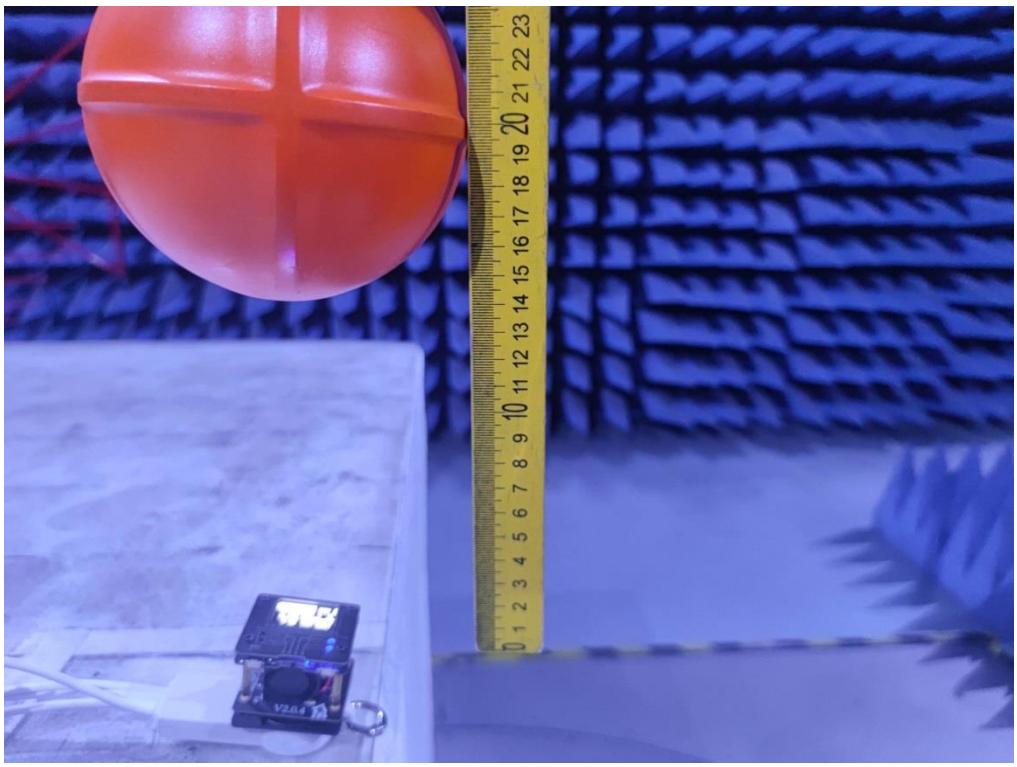
Test Frequency (kHz)	Maximum Radiated H-Field at 20cm (A/m)		Limit (A/m)	Result
318.2	Position A	0.063	2.28	Pass
	Position B	0.055		
	Position C	0.046		
	Position D	0.034		
	Position E	0.044		

4.8 Evaluation Conclusion

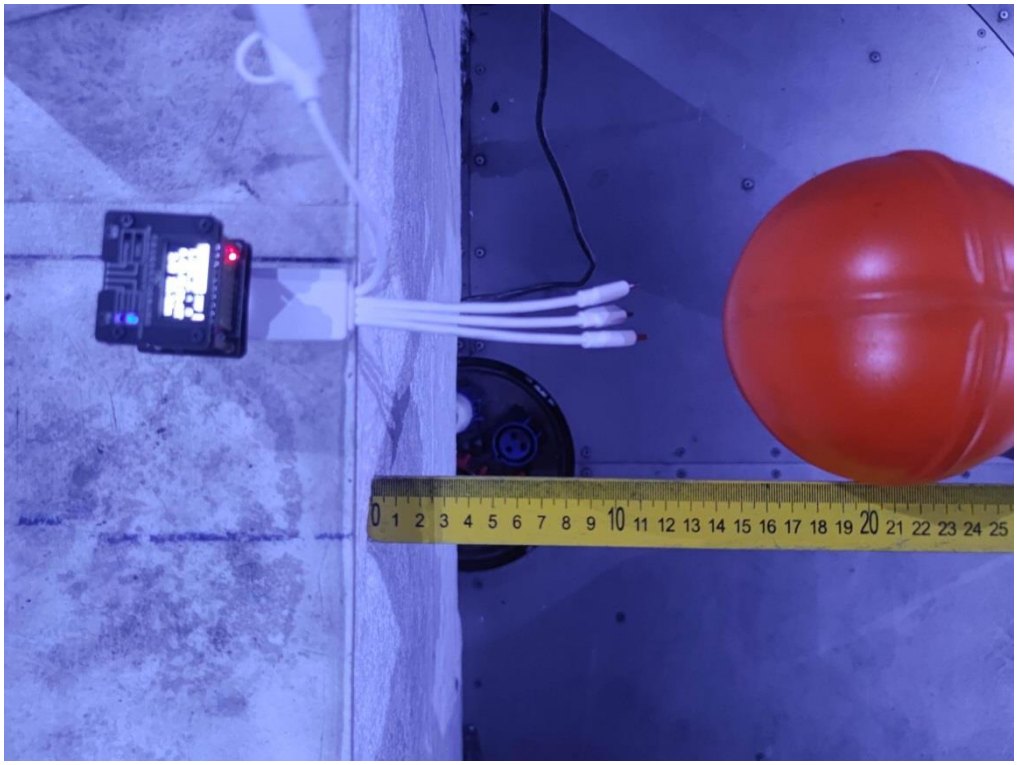
Remark: EUT meets the basic requirements in the standard.

Appendix I: Photographs of Test Setup

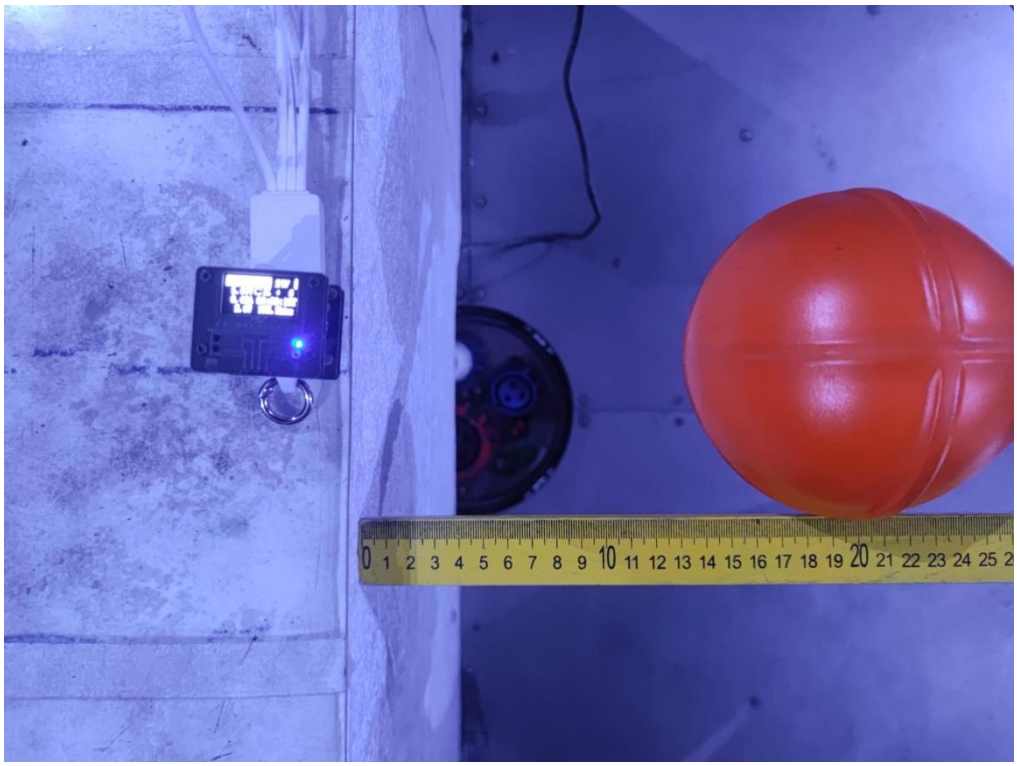
Measure Position E



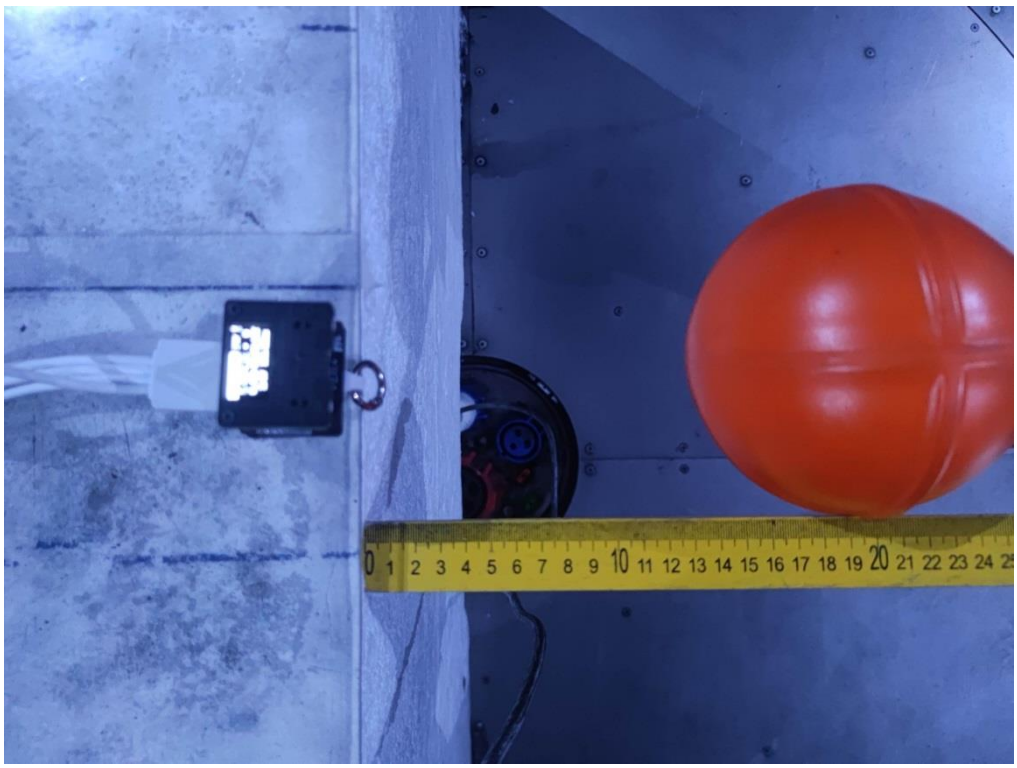
Measure Position C



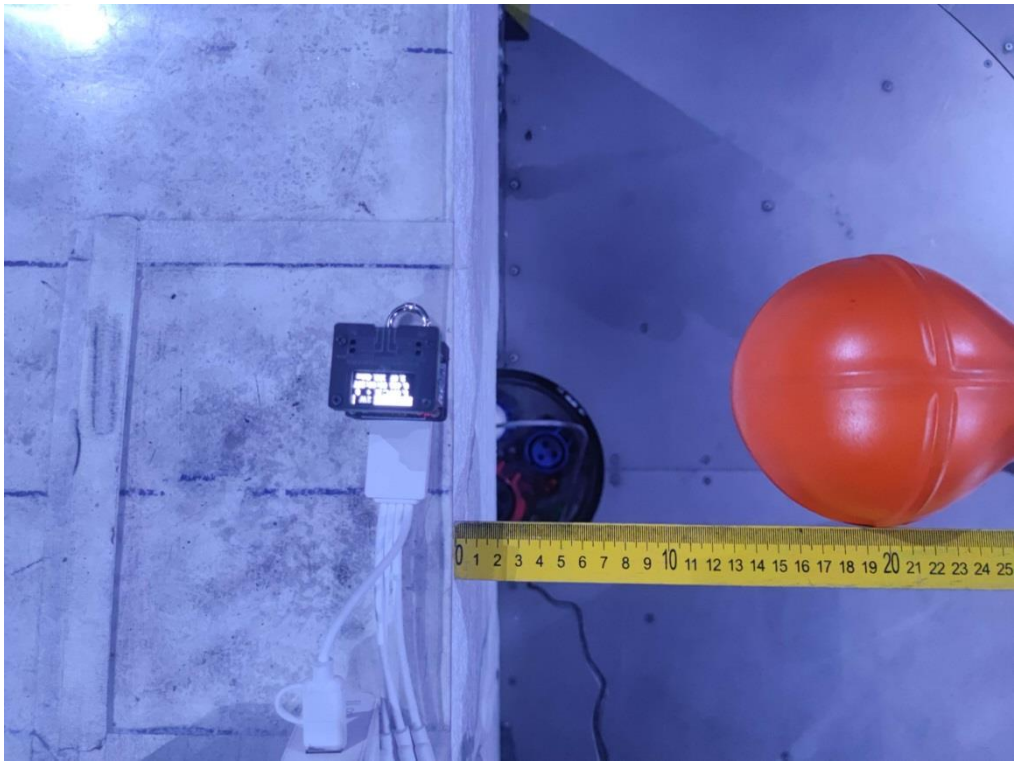
Measure Position B



Measure Position D



Measure Position A



Conditions of Issuance of Test Reports

1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the “Company”) solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the “Clients”).
2. Any report issued by Company as a result of this application for testing services (the “Report”) shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3.The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
7.Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

-----End of Report-----