

Prüfbericht-Nr.: Test report no.:	CN24FA5N 001	Auftrags-Nr.: Order no.:	170375491	Seite 1 von 18 Page 1 of 18
Kunden-Referenz-Nr.: Client reference no.:	N/A	Auftragsdatum: Order date:	2024-04-15	
Auftraggeber: Client:	Allstar Marketing Group 2 Skyline Drive, Hawthorne, New York 10532, USA			
Prüfgegenstand: Test item:	DOGFACE Deluxe Kit w/Technobrush NEW			
Bezeichnung / Typ-Nr.: Identification / Type no.:	1519889A, 1519891A, SP10001			
Auftrags-Inhalt: Order content:	Test Report			
Prüfgrundlage: Test specification:	CFR47 FCC Part 15: Subpart C Section 15.209 CFR47 FCC Part 15: Subpart C Section 15.215 CFR47 FCC Part 15: Subpart C Section 15.207			
Wareneingangsdatum: Date of sample receipt:	2024-04-18	Please refer to Photo Document		
Prüfmuster-Nr.: Test sample no.:	A003700414-001~003			
Prüfzeitraum: Testing period:	2024-04-18 - 2024-05-27			
Ort der Prüfung: Place of testing:	Refer to section 2.1			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Guangdong) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:			genehmigt von: authorized by:	
Datum: Date:	2024-11-05	<i>Signed by: Amy Wang</i>	Ausstellungsdatum: Issue date:	2024-11-05 <i>Signed by: Storm Shu</i>
Stellung / Position:	Sachverständige(r)/Expert		Stellung / Position:	Sachverständige(r)/Expert
Sonstiges / Other:	FCC ID: 2APZ3-1519889A			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:		Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet * Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <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>				

V05

Prüfbericht-Nr.: CN24FA5N 001
Test report no.:

Seite 2 von 18
Page 2 of 18

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>

Prüfbericht - Nr.: CN24FA5N 001
Test Report No.:

Seite 3 von 18
Page 3 of 18

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 99% BANDWIDTH

RESULT: Pass

5.1.3 20dB BANDWIDTH

RESULT: Pass

5.1.4 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.5 CONDUCTED EMISSION ON AC MAINS

RESULT: Pass

Contents

1	GENERAL REMARKS	5
1.1	COMPLEMENTARY MATERIALS	5
2	TEST SITES	6
2.1	TEST FACILITIES	6
2.2	LIST OF TEST AND MEASUREMENT INSTRUMENTS.....	6
2.3	TRACEABILITY	8
2.4	CALIBRATION	8
2.5	MEASUREMENT UNCERTAINTY.....	8
2.6	LOCATION OF ORIGINAL DATA.....	8
2.7	STATUS OF FACILITY USED FOR TESTING.....	8
3	GENERAL PRODUCT INFORMATION	9
3.1	PRODUCT FUNCTION AND INTENDED USE.....	9
3.2	RATINGS AND SYSTEM DETAILS	9
3.3	INDEPENDENT OPERATION MODES	9
3.4	NOISE GENERATING AND NOISE SUPPRESSING PARTS.....	9
3.5	SUBMITTED DOCUMENTS.....	10
4	TEST SET-UP AND OPERATION MODES	11
4.1	PRINCIPLE OF CONFIGURATION SELECTION	11
4.2	TEST OPERATION AND TEST SOFTWARE.....	11
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	11
4.4	COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE	11
4.5	TEST SETUP DIAGRAM	12
5	TEST RESULTS	13
5.1	TRANSMITTER REQUIREMENT & TEST SUITES	13
5.1.1	<i>Antenna Requirement</i>	<i>13</i>
5.1.2	<i>99% Bandwidth</i>	<i>14</i>
5.1.3	<i>20dB Bandwidth</i>	<i>15</i>
5.1.4	<i>Radiated Spurious Emission</i>	<i>16</i>
5.1.5	<i>Conducted Emission on AC Mains.....</i>	<i>17</i>
6	PHOTOGRAPHS OF THE TEST SET-UP	18
7	LIST OF TABLES.....	18

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 radio spectrum

Appendix B: Photographs of the Test Set-up

2 Test Sites

2.1 Test Facilities

Guangdong Asia Hongke Test Technology Limited

B1/F, Building 11, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

FCC Accreditation Designation No.: CN1376

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

No	Test Equipment	Manufacturer	Model No	Serial No	Cal. Date	Cal. Due Date
1	Spectrum Analyzer	R&S	FSV40	101470	2023.09.08	2024.09.07
2	Spectrum Analyzer	Keysight	N9020A	MY51280643	2023.09.08	2024.09.07
3	EMI Measuring Receiver	R&S	ESR	101660	2023.09.08	2024.09.07
4	Low Noise Pre-Amplifier	HP	HP8447E	1937A01855	2023.09.08	2024.09.07
5	Low Noise Pre-Amplifier	Tsj	MLA-0120-A02-34	2648A04738	2023.09.08	2024.09.07
6	Passive Loop	ETS	6512	00165355	2022.09.04	2024.09.03
7	TRILOG Super Broadband test Antenna	SCHWARZBEC K	VULB9160	9160-3206	2021.08.29	2024.08.28
8	Broadband Horn Antenna	SCHWARZBEC K	BBHA9120D	452	2021.08.29	2024.08.28
9	SHF-EHF Horn Antenna 15-40GHz	SCHWARZBEC K	BBHA9170	BBHA9170367d	2021.08.29	2024.08.28
10	EMI Measuring Receiver	R&S	ESR	101160	2023.09.13	2024.09.12
11	LISN	SCHWARZBEC K	NNLK 8129	8130179	2023.10.29	2024.10.28
12	Pulse Limiter	R&S	ESH3-Z2	102789	2023.09.13	2024.09.12
13	Pro.Temp&Humi.chamber	MENTEK	MHP-150-1C	MAA08112501	2023.09.08	2024.09.07
14	RF Automatic Test system	MW	MW100-RFCB	21033016	2023.09.08	2024.09.07
15	Signal Generator	Agilent	N5182A	MY50143009	2023.09.08	2024.09.07
16	Wideband Radio communication tester	R&S	CMW500	1201.0002K50	2023.09.08	2024.09.07
17	RF Automatic Test system	MW	MW100-RFCB	21033016	2023.09.08	2024.09.07

18	DC power supply	ZHAOXIN	RXN-305D-2	28070002559	N/A	N/A
19	RE Software	EZ	EZ-EMC_RE	Ver.AIT-03A	N/A	N/A
20	CE Software	EZ	EZ-EMC_CE	Ver.AIT-03A	N/A	N/A
21	RF Software	MW	MTS 8310	2.0.0.0	N/A	N/A
22	temporary antenna connector(Note)	NTS	R001	N/A	N/A	N/A

Note: The temporary antenna connector is soldered on the PCB board in order to perform conducted tests and this temporary antenna connector is listed in the equipment list.

2.3 Traceability

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

2.4 Calibration

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

2.5 Measurement Uncertainty

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

Table 2: Measurement Uncertainty

Parameter	Uncertainty (k=2)
Occupied Channel Bandwidth	± 2.08 %
All emissions, radiated	±3.88dB
Conducted Emission, (9kHz to 150kHz)/(150kHz to 30MHz)	1.20dB

2.6 Location of Original Data

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

2.7 Status of Facility Used for Testing

The Guangdong Asia Hongke Test Technology Limited Test facility located at B1/F, Building 11, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The Product is DOGFACE Deluxe Kit w/Technobrush NEW, which supports wireless charging (WPT) function.

Model list: 1519889A, 1519891A, SP10001

All the models are identical with each other, except for their mode names and appearance.

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:	DOGFACE Deluxe Kit w/Technobrush NEW
Type Designation:	1519889A, 1519891A, SP10001
FCC ID:	2APZ3-1519889A
Power Supply:	DC 5.0V (TYPE-C)
Battery:	DC 3.7V
Operating Temperature Range:	5°C ~ +35 °C
Technical Specification of WPT	
Frequency Range:	111~205KHz
Type of Modulation:	FSK
Antenna Type:	Integral Antenna
Antenna Gain	0 dBi
Antenna number	1
Wireless Charger output power	5W max

3.3 Independent Operation Modes

The basic operation modes are:

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

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form
- Block Diagram
- Model Difference Letter
- User Manual
- Operation Description
- FCC/IC Label and Location Info
- Schematics

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

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

According to clause 3.1, all tests were performed on model P01CT in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Adapter	XIAOMI	AD652G	N/A	Input: 100-240V~, 1.6A Output: 5V,2A or 9V, 2A or 12V,1.5A
Dummy Load	YBZ	F18	N/A	5W/7.5/10/15W

4.4 Countermeasures to Achieve EMC Compliance

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

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

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

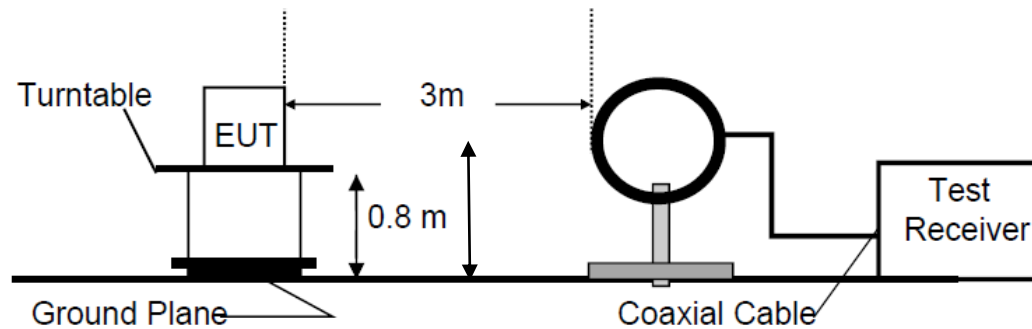


Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

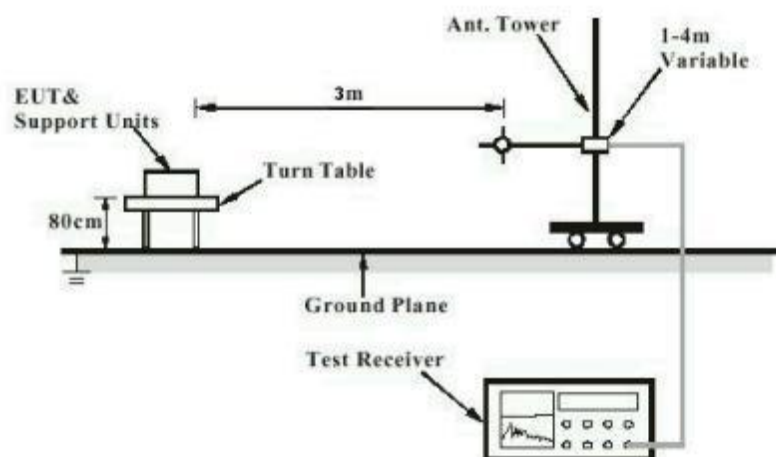
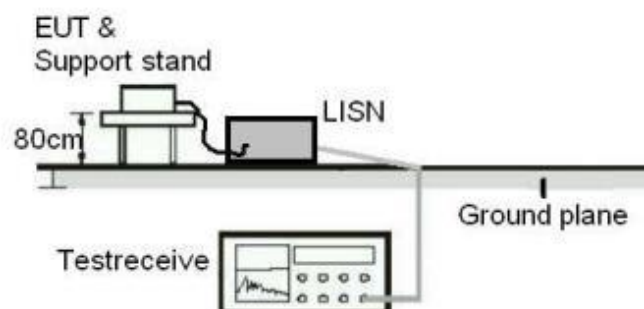


Diagram of Measurement Configuration for Mains Conduction Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

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

Test standard	:	Part 15.203
	:	RSS-Gen Clause 6.7
Limit	:	the use of antennas with directional gains that do not exceed 6 dBi

According to the manufacturer declared, the EUT has three internal antenna, and the antenna is permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

Prüfbericht - Nr.: CN24FA5N 001
Test Report No.:Seite 14 von 18
Page 14 of 18

5.1.2 99% Bandwidth

RESULT:

Pass

Test Specification

Test standard	: RSS-Gen Clause 6.7
Basic standard	: ANSI C63.10: 2013
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2023-05-18
Input voltage	: Power by battery
Operation mode	: A
Ambient temperature	: 23 °C
Relative humidity	: 56 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN24FA5N 001
Test Report No.:Seite 15 von 18
Page 15 of 18

5.1.3 20dB Bandwidth

RESULT:

Pass

Test Specification

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

Test Setup

Date of testing : 2023-05-22
Input voltage : Power by battery
Operation mode : A
Ambient temperature : 23 °C
Relative humidity : 56 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN24FA5N 001
Test Report No.:Seite 16 von 18
Page 16 of 18

5.1.4 Radiated Spurious Emission

RESULT:

Pass

Test Specification

Test standard	FCC Part 15.209 & 15.205 RSS-216 Clause 6.2.2.2
Basic standard	ANSI C63.10: 2013
Limits	Refer to 15.209(a) RSS-216 Clause 6.2.2.2 & 6.2.3
Kind of test site	3m Semi-anechoic Chamber

Test Setup

Date of testing	2023-05-18 to 2023-05-22
Input voltage	Power by battery
Operation mode	A
Ambient temperature	23 °C
Relative humidity	56 %
Atmospheric pressure	101 kPa

For the measurement records, refer to the appendix A.

Prüfbericht - Nr.: CN24FA5N 001
Test Report No.:Seite 17 von 18
Page 17 of 18

5.1.5 Conducted Emission on AC Mains

RESULT:

Pass

Test Specification

Test standard	: FCC Part 15.207
	: RSS-216 Clause 6.2
Basic standard	: ANSI C63.10: 2013
Frequency range	: 150KHz - 30MHz
Limits	: FCC Part 15.207(a)
Kind of test site	: Shielded Room

Test Setup

Date of testing	: 2023-05-31
Input voltage	: AC 120V, 60Hz
Operation mode	: B
Earthing	: Not connected
Ambient temperature	: 23.2 °C
Relative humidity	: 50.6 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A.

6 Photographs of the Test Set-Up

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

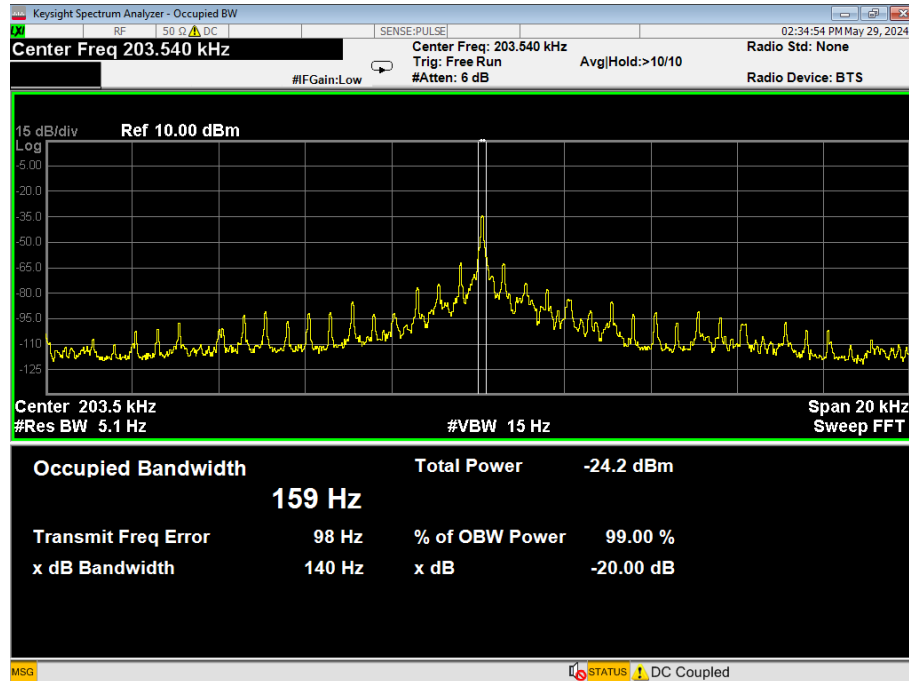
7 List of Tables

Table 1: List of Test and Measurement Equipment.....	6
Table 2: Measurement Uncertainty	8
Table 3: Technical Specification of EUT	9
Table 4: List of Accessories and Auxiliary Equipment.....	11

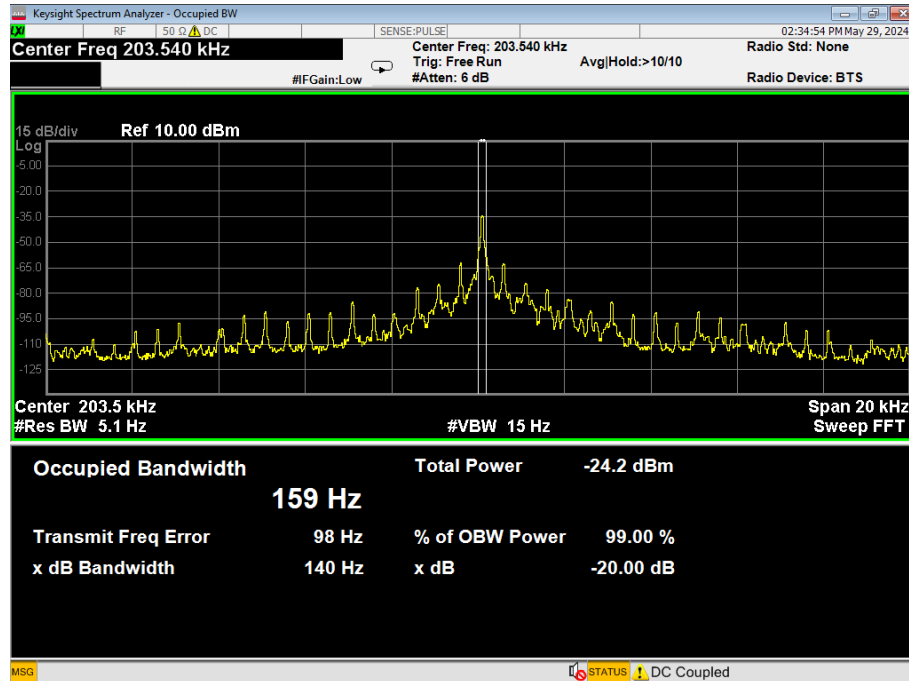
Appendix A: Test Results of FCC Part 15C

APPENDIX A: TEST RESULTS OF FCC PART 15C.....	1
APPENDIX A.1: TEST RESULTS OF 20DB BANDWIDTH	2
APPENDIX A.2: TEST RESULTS OF 99% BANDWIDTH.....	3
APPENDIX A.3: TEST RESULTS OF RADIATED SPURIOUS EMISSION.....	4
9KHz – 30MHz.....	4
30MHz - 1GHz	6
APPENDIX A.4: TEST RESULTS OF CONDUCTED EMISSION ON AC MAINS.....	8

Appendix A.1: Test Results of 20dB Bandwidth



Appendix A.2: Test Results of 99% Bandwidth



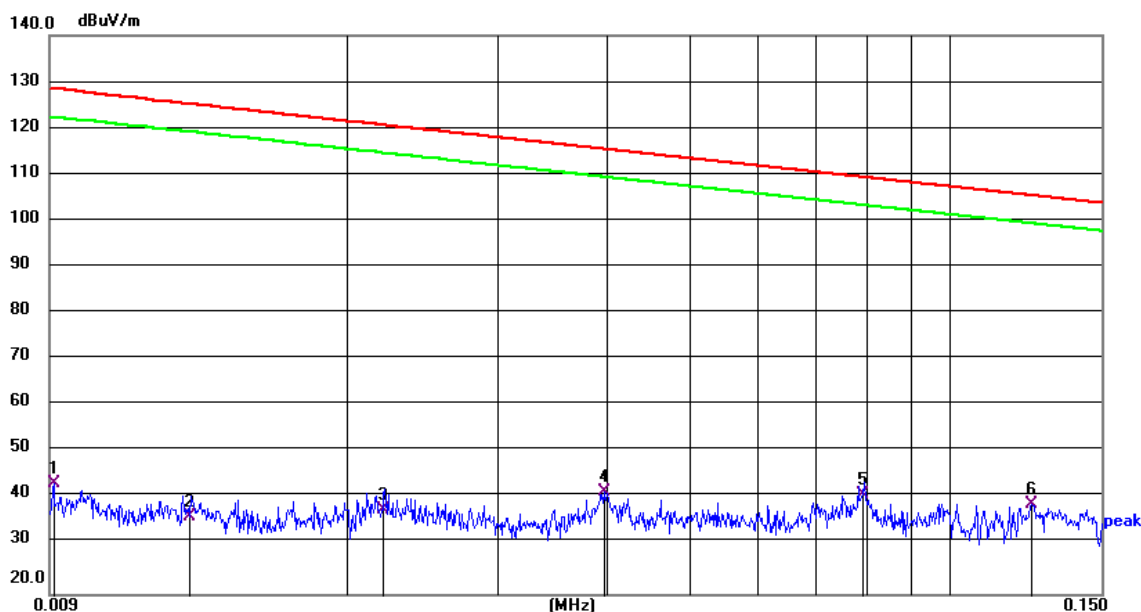
Appendix A.3: Test Results of Radiated Spurious Emission

Note: The highest waveform in the figure is Fundamental.
all polarizations for X, Y, Z tested, only the worst-case reported.

9KHz – 30MHz

EUT Information

EUT Name:	DOGFACE Deluxe Kit w/Technobrush NEW
Model:	1519889A
Test Mode:	Wireless charging
Order No/Sample No:	168425712/A003470541-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin
Polarizations:	X



Critical Freqs

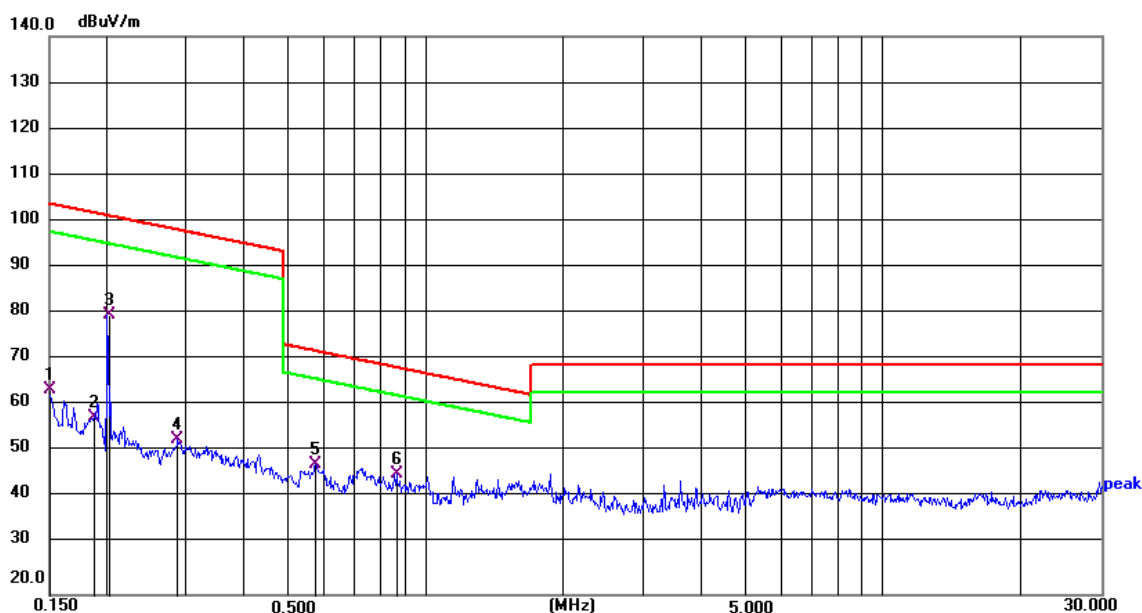
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	0.0091	22.38	21.48	43.86	128.42	-84.56	QP
2	0.0131	15.47	21.23	36.70	125.26	-88.56	QP
3	0.0220	17.44	20.92	38.36	120.76	-82.40	QP
4	0.0396	20.06	21.98	42.04	115.65	-73.61	QP
5	0.0792	18.74	22.70	41.44	109.63	-68.19	QP
6 *	0.1242	17.42	22.16	39.58	105.72	-66.14	QP

Final Result

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

EUT Name: DOGFACE Deluxe Kit w/Technobrush NEW
Model: 1519889A
Test Mode: Wireless charging
Order No/Sample No: 168425712/A003470541-002
Test Voltage: AC 120V/60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin
Polarizations: X



Critical Freqs

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	0.1500	42.28	21.90	64.18	104.08	-39.90	QP
2	0.1882	36.46	21.71	58.17	102.11	-43.94	QP
3*	0.2034	58.57	21.63	80.20	101.44	-21.24	QP
4	0.2862	32.10	21.46	53.56	98.47	-44.91	QP
5	0.5731	26.20	22.00	48.20	72.44	-24.24	QP
6	0.8618	23.56	22.54	46.10	68.90	-22.80	QP

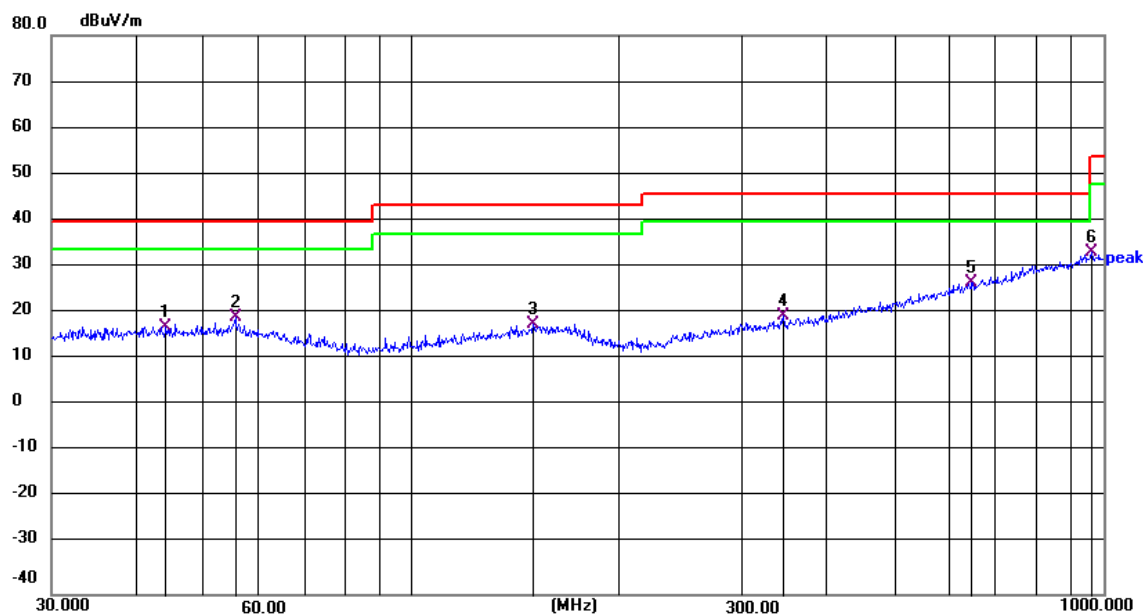
Final Result

Frequency (MHz)	QuasiPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---	---	---	---

30MHz - 1GHz

EUT Information

EUT Name:	DOGFACE Deluxe Kit w/Technobrush NEW
Model:	1519889A
Test Mode:	Wireless charging
Order No/Sample No:	168425712/A003470541-002
Test Voltage:	AC 120V/60Hz
Remark:	Temp 23 Humi:56%
Test Standard:	FCC Part 15C
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

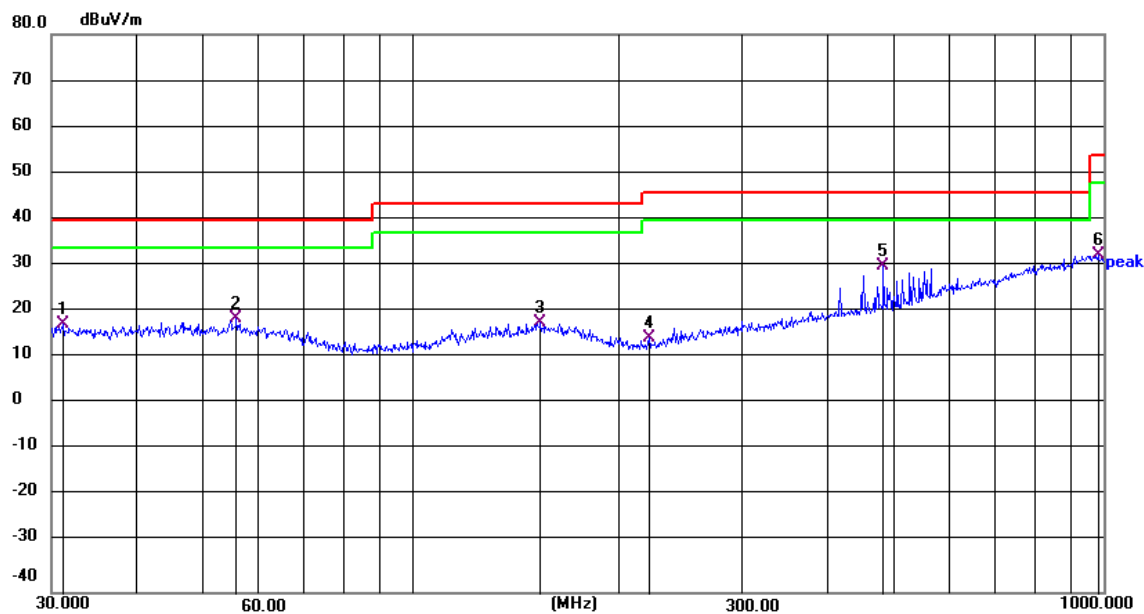
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Det.
1	44.1200	34.28	-16.67	17.61	40.00	-22.39	H	QP
2	55.4730	36.69	-17.07	19.62	40.00	-20.38	H	QP
3	149.7480	34.70	-16.53	18.17	43.50	-25.33	H	QP
4	345.4740	35.74	-15.85	19.89	46.00	-26.11	H	QP
5 *	646.7050	35.92	-8.91	27.01	46.00	-18.99	H	QP
6	962.1622	36.95	-3.46	33.49	54.00	-20.51	H	QP

Final_Result

Frequency (MHz)	QuasiPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DOGFACE Deluxe Kit w/Technobrush NEW
Model: 1519889A
Test Mode: B
Order No/Sample No: 168425712/A003470541-002
Test Voltage: AC 120V/60Hz
Remark: Temp 23 Humi:56%
Test Standard: FCC Part 15C
Tested By: Kei Zhang
Reviewed By: Terry Yin



Critical Freqs

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Det.
1	31.2015	35.33	-17.48	17.85	40.00	-22.15	V	QP
2	55.7850	36.06	-17.09	18.97	40.00	-21.03	V	QP
3	153.5231	34.60	-16.52	18.08	43.50	-25.42	V	QP
4	220.0762	35.04	-20.26	14.78	46.00	-31.22	V	QP
5 *	482.0465	42.97	-12.77	30.20	46.00	-15.80	V	QP
6	983.6541	36.11	-3.35	32.76	54.00	-21.24	V	QP

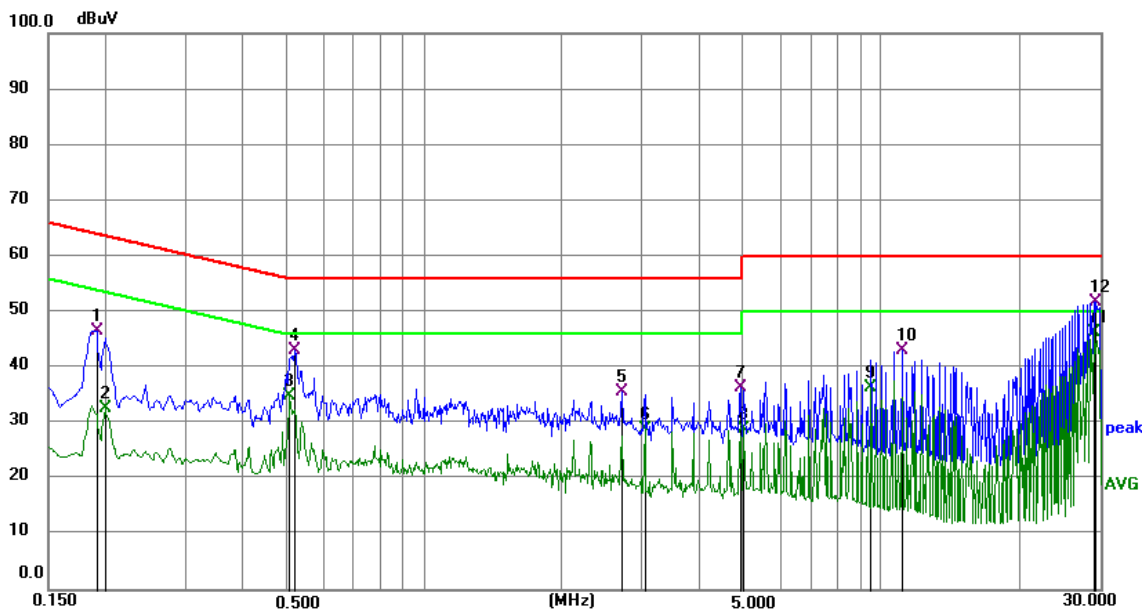
Final Result

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

EUT Information

EUT Name:	DOGFACE Deluxe Kit w/Technobrush NEW
Order Number:	168425712(P01070970)
Model:	1519889A
Test Mode:	Charging
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Shower Dai / Gary Chen
Tem./Hum./Pressure:	23.2°C/50.6%/101kPa
Remark:	SR2

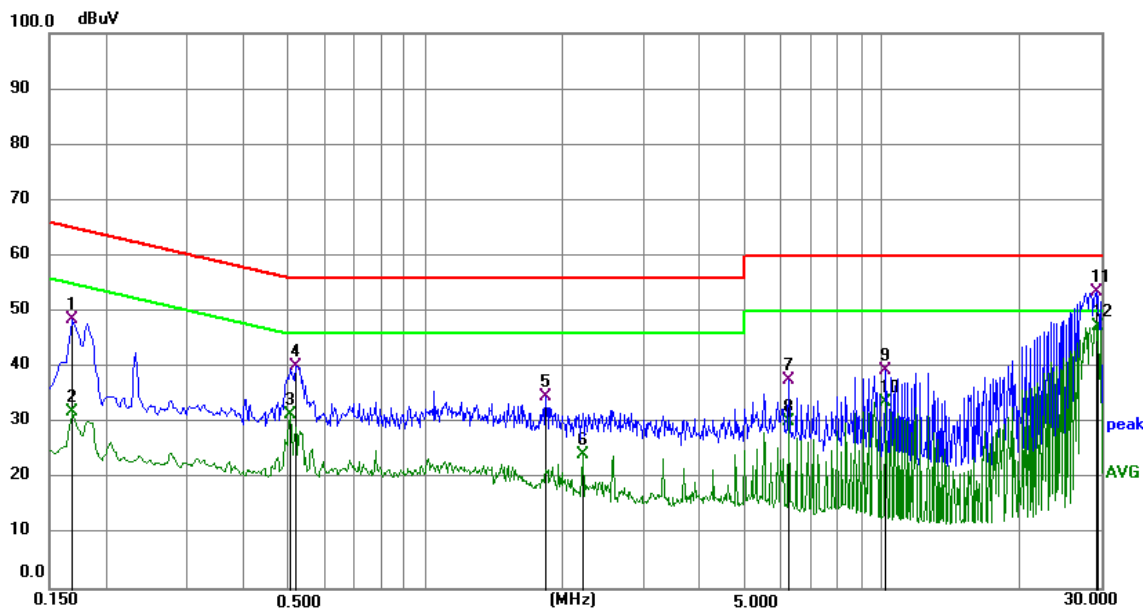


Critical Freqs

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Line	Remark
1	0.1905	35.81	10.69	46.50	64.01	-17.51	L1	QP
2	0.1995	21.90	10.70	32.60	53.63	-21.03	L1	AVG
3	0.5055	24.08	10.69	34.77	46.00	-11.23	L1	AVG
4	0.5190	32.31	10.69	43.00	56.00	-13.00	L1	QP
5	2.6925	24.71	10.80	35.51	56.00	-20.49	L1	QP
6	3.0255	18.19	10.79	28.98	46.00	-17.02	L1	AVG
7	4.9200	25.29	11.02	36.31	56.00	-19.69	L1	QP
8	5.0010	17.94	11.02	28.96	50.00	-21.04	L1	AVG
9	9.4965	25.50	10.96	36.46	50.00	-13.54	L1	AVG
10	11.0805	31.90	11.19	43.09	60.00	-16.91	L1	QP
11	29.1165	34.48	11.69	46.17	50.00	-3.83	L1	AVG
12	29.5080	40.09	11.72	51.81	60.00	-8.19	L1	QP

EUT Information

EUT Name:	DOGFACE Deluxe Kit w/Technobrush NEW
Order Number:	168425712(P01070970)
Model:	1519889A
Test Mode:	Charging
Test Voltage:	AC 120V/60Hz
Test Standard:	FCC Part 15
Test By:/Review By:	Shower Dai / Gary Chen
Tem./Hum./Pressure:	23.2°C/50.6%/101kPa
Remark:	SR2



Critical Freqs

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Line N	Remark
1	0.1680	37.91	10.67	48.58	65.06	-16.48	N	QP
2	0.1680	21.28	10.67	31.95	55.06	-23.11	N	AVG
3	0.5055	20.78	10.69	31.47	46.00	-14.53	N	AVG
4	0.5190	29.45	10.69	40.14	56.00	-15.86	N	QP
5	1.8374	23.76	10.75	34.51	56.00	-21.49	N	QP
6	2.2020	13.53	10.78	24.31	46.00	-21.69	N	AVG
7	6.2385	26.52	11.01	37.53	60.00	-22.47	N	QP
8	6.2385	19.17	11.01	30.18	50.00	-19.82	N	AVG
9	10.1714	28.40	11.02	39.42	60.00	-20.58	N	QP
10	10.1714	22.67	11.02	33.69	50.00	-16.31	N	AVG
11	29.3370	41.82	11.60	53.42	60.00	-6.58	N	QP
12	29.6520	35.66	11.62	47.28	50.00	-2.72	N	AVG