

Test Report

Report No.: MTi210224007-01E1

Date of issue: Apr. 13, 2021

Applicant: YFW Technology Co., Ltd.

Product name: 3 in 1 wireless charging stand

YFWW002, YFWW003,

YFWW004, YFWW005,

Model(s): YFWW006, YFWW007,

YFWW008, YFWW009,

YFWW010

FCC ID: 2AY3K-YFWW002

Shenzhen Microtest Co., Ltd. http://www.mtitest.com



Instructions

- The report shall not be partially reproduced without the written consent of the laboratory;
- 2. The test results of this report are only responsible for the samples submitted:
- 3. This report is invalid without the seal and signature of the laboratory;
- 4. This report is invalid if transferred, altered or tampered with in any form without authorization:
- 5. Any objection to this report shall be submitted to the laboratory within 15 days from the date of receipt of the report.



Table of Contents

1	GENER	RAL INFORMATION	5
	1.1 FEAT	TURE OF EQUIPMENT UNDER TEST (EUT)	5
	1.2 TEST	T MODE	5
	1.3 EUT	「TEST SETUP	5
	1.4 ANC	CILLARY EQUIPMENT	5
2	SUMM	1ARY OF TEST RESULT	7
	2.1 OPE	RATION CHANNEL LIST	7
	2.2 TEST	T CHANNEL	7
3	TEST F	ACILITIES AND ACCREDITATIONS	8
	3.1 TEST	T LABORATORY	8
	3.2 Env	'IRONMENTAL CONDITIONS	8
	3.3 MEA	ASUREMENT UNCERTAINTY	8
4	LIST O	F TEST EQUIPMENT	9
5	TEST R	ESULTS	10
	5.1 ANT	ENNA REQUIREMENT	10
	5.1.1	Standard requirement	10
	5.1.2	EUT Antenna	10
	5.2 CON	IDUCTED EMISSION	11
	5.2.1	Limits	11
	5.2.2	Test Procedures	11
	5.2.3	Test Setup	11
	5.2.4	Test Result	11
	5.3 RAD	DIATED EMISSION	16
	5.3.1	Limits	16
	5.3.2	Test Procedures	
	5.3.3	Test Setup	18
	5.3.4	Test Result	18
	5.4 Occ	CUPIED BANDWIDTH	22
	5.4.1	Test method	22
	5.4.2	Test result	22
Pŀ	HOTOGRAP	PHS OF THE TEST SETUP	24
Pŀ	HOTOGRAP	PHS OF THE EUT	26



TE	TEST RESULT CERTIFICATION					
Applicant's name: YFW Technology Co., Ltd.						
Address		uilding 2, Guangxi Industrial Zone, Longhua Industrial d, Shenzhen City, Guangdong Province, China				
Manufacturer's Name	YFW Tech	nology Co., Ltd.				
Address		uilding 2, Guangxi Industrial Zone, Longhua Industrial d, Shenzhen City, Guangdong Province, China				
Product description						
Product name	3 in 1 wire	less charging stand				
Trademark	N/A					
Model Name	YFWW002					
Serial Model		3, YFWW004, YFWW005, YFWW006, YFWW007, 3, YFWW009, YFWW010				
Standards	FCC Part	15C				
Test procedure	ANSI C63.	10-2013				
Date of Test						
Date (s) of performance of tests	Date (s) of performance of tests					
Test Result	:	Pass				
show that the equipment under	This device described above has been tested by Shenzhen Microtest Co., Ltd. and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.					
Testing Engineer	:	Danny An				
		(Danny Xu)				
Technical Manager	:	Leo su				
		(Leo Su)				
Authorized Signatory	:	tom Xue				
		(Tom Xue)				



1 GENERAL INFORMATION

1.1 Feature of equipment under test (EUT)

Product name:	3 in 1 wireless charging stand			
Model name:	YFWW002			
Series model:	YFWW003, YFWW004, YFWW005, YFWW006, YFWW007, YFWW008, YFWW009, YFWW010			
Model difference:	All the models are the same circuit and RF module, except the appearance and model No.			
Operation frequency:	115–205 kHz			
Modulation type:	ASK			
Max output power:	10W			
Antenna type:	Coil Antenna			
Power supply:	DC 9V from adapter AC 120V/60Hz			
Battery:	N/A			
Adapter information:	N/A			
EUT serial number:	MTi210224007-01-S0001			

1.2 Test mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Test mode	Description		
Mode 1	Simultaneous Charging (Airpods+Mobile phone)		
Mode 2	Wireless Charging(Airpods)		
Mode 3	Wireless Charging (Mobile phone)		

Note:

- 1: The test modes were carried out for all operation modes. The final test mode of the EUT was the worst test mode for Mode 1, and its test data was showed.
- 2: EUT is tested under full load.

1.3 EUT test setup

See photographs of the test setup in the report for the actual setup and connections between EUT and support equipment.

1.4 Ancillary equipment

Equipment	Model	S/N	Manufacturer	
Adapter	HW-090200CH0	/	Huizhou BYD Electronics Co., Ltd.	
Load	YBZ1.1	/	YBZ	

- Page 6 of 26 -

Report No.: MTi210224007-01E1

Apple AirPods **SERIES 6**



2 Summary of Test Result

Item	FCC Part No.	Description of Test	Result
1	FCC PART 15.203	Antenna requirement	Pass
2	FCC PART 15.207	Conducted emission	Pass
3	FCC PART 15.209	Radiated emission	Pass
4	FCC Part 15.215	20dB bandwidth	Pass

2.1 Operation channel list

	Frequency (kHz)	Frequency (kHz)
Channel	Airpods	Mobile phone
Low	115	115
Middle	118	126
High	205	205

2.2 Test channel

Channel		Frequency (kHz)		
Airpods	Middle	118		
Mobile phone	Middle	126		

Address: 101, No. 7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao' an District, Shenzhen, Guangdong, China. Tel: (86-755)88850135 Fax: (86-755) 88850136 Web:www.mtitest.com E-mail: mti@51mti.com



3 Test Facilities and Accreditations

3.1 Test laboratory

Test Laboratory	Shenzhen Microtest Co., Ltd		
Location	101, No. 7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao' an District, Shenzhen, Guangdong, China.		
FCC Registration No.:	448573		

3.2 Environmental conditions

Temperature:	15°C~35°C
Humidity	20%~75%
Atmospheric pressure	98kPa~101kPa

3.3 Measurement uncertainty

Measurement Uncertainty for a Level of Confidence of 95 %, U=2xUc(y)

RF frequency	1 x 10-7
RF power, conducted	± 1 dB
Conducted emission(150kHz~30MHz)	± 2.5 dB
Radiated emission(30MHz~1GHz)	± 4.2 dB
Radiated emission (above 1GHz)	± 4.3 dB
Temperature	±1 degree
Humidity	±5%

Address: 101, No. 7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao' an District, Shenzhen, Guangdong, China. Tel: (86-755)88850135 Fax: (86-755) 88850136 Web:www.mtitest.com E-mail: mti@51mti.com



4 List of test equipment

Equipmen t No.	Equipment Name	Manufact urer	Model	Serial No.	Calibration date	Due date
MTI-E043	EMI Test Receiver	Rohde≻ hwarz	ESCI7	101166	2020/06/04	2021/06/03
MTI-E044	TRILOG Broadband Antenna	schwarab eck	VULB 9163	9163-133 8	2020/06/05	2021/06/04
MTI-E047	Amplifier	Hewlett-P ackard	8447F	3113A061 50	2020/06/04	2021/06/03
MTI-E089	ESG Vector Signal Generator	Agilent	N5182A	MY49060 455	2020/06/03	2021/06/02
MTI-E058	ESG Series Analog Ssignal Generator	Agilent	E4421B	GB40051 240	2020/07/03	2021/07/04
MTI-E062	PXA Signal Analyzer	Agilent	N9030A	MY51350 296	2020/06/04	2021/06/03
MTI-E066	MXA Signal Analyzer	Agilent	N9020A	MY50143 483	2020/06/04	2021/06/03
MTI-E078	Synthesized Sweeper	Agilent	83752A	3610A019 57	2020/06/04	2021/06/03
MTI-E079	DC Power Supply	Agilent	E3632A	MY40027 695	2020/06/04	2021/06/03
MTI-E021	EMI Test Receiver	Rohde≻ hwarz	ESCS30	100210	2020/06/04	2021/06/03
MTI-E022	Pulse Limiter	Schwarzb eck	VSTD 9561-F	00679	2020/06/03	2021/06/02
MTI-E023	Artificial mains network	Schwarzb eck	NSLK 8127	NSLK 8127 #841	2020/06/04	2021/06/03
MTI-E046	Active Loop Antenna	Schwarzb eck	FMZB 1519 B	00044	2020/06/05	2021/06/04
MTI-E048	Amplifier	Agilent	8449B	3008A024 00	2020/07/03	2021/07/04
MTI-E072	Thermometer Clock Humidity Monitor	-	HTC-1	/	2020/06/07	2021/06/06
MTI-E090	Test Loop Antenna	DATETEK	LA-001	77140963 4	2020/06/05	2021/06/04

Note: the calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).



5 Test Results

5.1 Antenna requirement

5.1.1 Standard requirement

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device

5.1.2 EUT Antenna

The EU7	antenna	is Coil Antenna.	It comply with the	standard	requirement.	In case of	replacement
of broke	n antenna	the same anten	na type must be υ	ısed.	•		•

Address: 101, No. 7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao' an District, Shenzhen, Guangdong, China. Tel: (86-755)88850135 Fax: (86-755) 88850136 Web:www.mtitest.com E-mail: mti@51mti.com



5.2 Conducted emission

5.2.1 Limits

For the following equipment, when designed to be connected to the public utility (AC) power line the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies shall not exceed the limits in the following tables. Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal using a 50 μ H/50 ohms line impedance stabilization network (LISN).

Frequency	Conducted li	mit (dBµV)
(MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.5 -5	56	46
5 -30	60	50

Note:

the limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

5.2.2 Test Procedures

The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

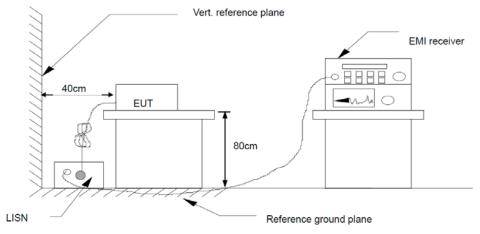
Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

LISN is at least 80 cm from nearest part of EUT chassis.

For the actual test configuration, please refer to the related Item – photographs of the test setup.

5.2.3 Test Setup



5.2.4 Test Result

EUT:	3 in 1 wireless charging stand	Model Name:	YFWW002
Pressure:	101kPa	Phase:	L
Test voltage:	DC 9V from adapter AC 120V/60Hz	Test mode:	Mode 1
80.0 dBuV			
70			
60		FCCPart15 ClassB A	C Conduction(QP)
50		FCCPart15 ClassB A	C Conduction(AVG)
40 (3)	The Try how was a single from the single from		
20	hy / r. / hyppywallow hybroda wallow ha		peal
10	γ · · · · · · · · · · · · · · · · · · ·	vit. illt. illik dilit. inn. dist.	AVG
0			
-10			
-20			

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1940	34.98	10.92	45.90	63.86	-17.96	QP
2		0.1940	21.82	10.92	32.74	53.86	-21.12	AVG
3		0.3860	33.82	10.88	44.70	58.15	-13.45	QP
4		0.3860	24.24	10.88	35.12	48.15	-13.03	AVG
5		0.5299	32.83	10.93	43.76	56.00	-12.24	QP
6		0.5299	21.47	10.93	32.40	46.00	-13.60	AVG
7		1.6180	29.12	14.56	43.68	56.00	-12.32	QP
8		1.6180	15.44	14.56	30.00	46.00	-16.00	AVG
9		2.6820	30.77	11.39	42.16	56.00	-13.84	QP
10	*	2.6820	25.35	11.39	36.74	46.00	-9.26	AVG
11		18.6620	35.58	11.79	47.37	60.00	-12.63	QP
12		18.6620	27.50	11.79	39.29	50.00	-10.71	AVG

UT:	3 in 1 wireless charging stand	3 in 1 wireless charging Model Name: YFWW002	
ressure:	101kPa	Phase:	N
est voltage:	DC 9V from adapter AC 120V/60Hz	Test mode:	Mode 1
80.0 dBuV			
70			
60		FCCPart15 ClassB A	C Conduction(QP)
50 1	3	FCCPart15 ClassB A	C Conduction(AVG)
40	M/M/2/MANAMAN/MANAMAN/MANAMANAMANAMANAMANAMAN	Waller William	
30	A MAN I WANTED TO THE WANTED		peal
20 0 0 0 0 0 0 0 0 0	V (PTs. Jk JVIV JMs Affler affle affle affle	
10			
0			
-10			
0.150	0.500 0.800 (N	Hz) 5.000	30.000

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1940	34.08	10.97	45.05	63.86	-18.81	QP
2		0.1940	22.81	10.97	33.78	53.86	-20.08	AVG
3		0.5860	34.08	11.09	45.17	56.00	-10.83	QP
4	*	0.5860	25.93	11.09	37.02	46.00	-8.98	AVG
5		1.3140	28.88	13.94	42.82	56.00	-13.18	QP
6		1.3140	21.83	13.94	35.77	46.00	-10.23	AVG
7		2.7460	30.69	11.39	42.08	56.00	-13.92	QP
8		2.7460	22.52	11.39	33.91	46.00	-12.09	AVG
9		7.4180	30.98	11.63	42.61	60.00	-17.39	QP
10		7.4180	22.96	11.63	34.59	50.00	-15.41	AVG
11		17.9100	35.75	11.79	47.54	60.00	-12.46	QP
12		17.9100	27.69	11.79	39.48	50.00	-10.52	AVG

UT:	3 in 1 v stand	vireless charging	Model Nam	ne:	YFWW002	
ressure:	101kPa	Э	Phase:		L	
est voltage:	DC 9V 240V/6	from adapter AC 60Hz	Test mode:		Mode 1	
80.0 dBuV						_
70						
60			F	CCPart15 ClassB A	C Conduction(QP)	-
50			F	CCPart15 ClassB A	C Conduction(AVG)	_
40 2	W 6/\.	halan Mark Vardy Andrews Mark	Z 8 / Marin			M
20	₩	/4/Way	The Albert		all Malatan	peal AVG
10						-
0						-
-10						-
-20						

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1940	33.08	10.97	44.05	63.86	-19.81	QP
2		0.1940	21.05	10.97	32.02	53.86	-21.84	AVG
3		0.3860	32.07	10.99	43.06	58.15	-15.09	QP
4	*	0.3860	26.03	10.99	37.02	48.15	-11.13	AVG
5		0.5899	31.18	11.08	42.26	56.00	-13.74	QP
6		0.5899	22.68	11.08	33.76	46.00	-12.24	AVG
7		2.7458	32.69	11.39	44.08	56.00	-11.92	QP
8		2.7458	22.65	11.39	34.04	46.00	-11.96	AVG
9		6.6459	32.33	11.62	43.95	60.00	-16.05	QP
10		6.6459	26.97	11.62	38.59	50.00	-11.41	AVG
11		17.9100	34.25	11.79	46.04	60.00	-13.96	QP
12		17.9100	26.64	11.79	38.43	50.00	-11.57	AVG



EUT:	3 in 1 wire stand	eless charging	Model Name:		YFWW002	
Pressure:	101kPa		Phase:		N	
est voltage:	DC 9V fro 240V/60H	om adapter AC Iz	Test mode:		Mode 1	
80.0 dBuV						_
70						
60			F	CCPart15 ClassB A	C Conduction(QP)	-
50 1		_	F	CCPart15 ClassB A	C Conduction(AVG)	-
40	MM N. MM	\$	9			
30						peal
20	1 1 1 1 1 1 1	"\	hw. Mhalh	JAN. 22 Mile ANII MAN	<u>" </u>	AVG
10			l l			-
0						-
-10						-
0.150	0.500 0.8	00 (MH		5.000		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1940	34.08	10.97	45.05	63.86	-18.81	QP
2		0.1940	22.05	10.97	33.02	53.86	-20.84	AVG
3		0.3860	32.07	10.99	43.06	58.15	-15.09	QP
4	*	0.3860	26.03	10.99	37.02	48.15	-11.13	AVG
5		0.9260	28.31	13.10	41.41	56.00	-14.59	QP
6		0.9260	19.59	13.10	32.69	46.00	-13.31	AVG
7		1.5580	28.89	14.46	43.35	56.00	-12.65	QP
8		1.5580	18.95	14.46	33.41	46.00	-12.59	AVG
9		4.0937	27.80	11.44	39.24	56.00	-16.76	QP
10		4.0937	20.52	11.44	31.96	46.00	-14.04	AVG
11		14.8376	33.35	11.71	45.06	60.00	-14.94	QP
12		14.8376	26.72	11.71	38.43	50.00	-11.57	AVG



5.3 Radiated emission

5.3.1 Limits

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

10.010 10 010 11 110.0 10 10 10 10 110		
Frequencies	Field Strength	Measurement Distance
(MHz)	(micorvolts/meter)	(meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Class B (dBu\	//m) (at 3M)
FREQUENCT (MITZ)	PEAK	AVERAGE
Above 1000	74	54

Notes:

The limit for radiated test was performed according to FCC PART 15C.

The tighter limit applies at the band edges.

Emission level (dBuV/m)=20log Emission level (uV/m).

FREQUENCY RANGE OF RADIATED MEASUREMENT (For unintentional radiators)

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40 GHz, whichever is lower

Spectrum Parameter	Setting			
Attenuation	Auto			
Start Frequency	1000 MHz			
Stop Frequency	10th carrier harmonic			
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average			

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP



5.3.2 Test Procedures

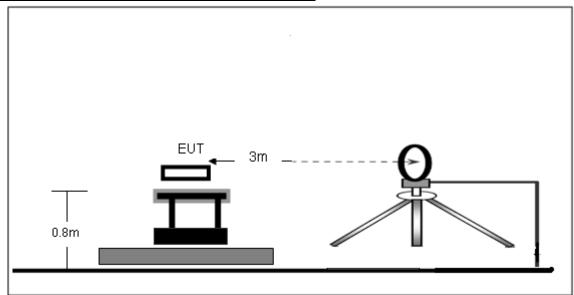
- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 25GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-chamber test. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8m; above 1GHz, the height was 1.5m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.
- g. For the radiated emission test above 1GHz: Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response.
- h. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

Note: Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

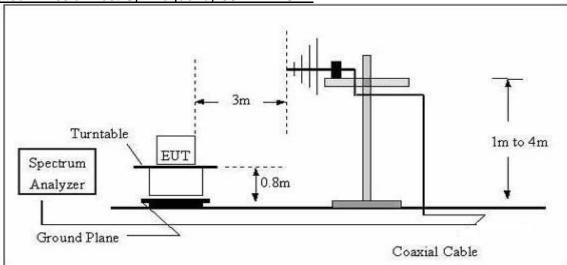


5.3.3 Test Setup

Radiated Emission Test-Up Frequency Below 30MHz



Radiated Emission Test-Up Frequency 30MHz~1GHz



5.3.4 Test Result



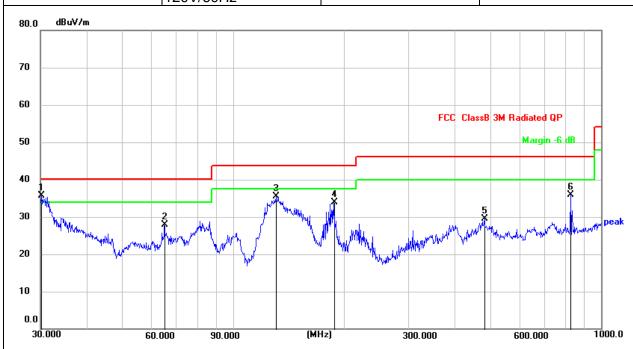
Frequency range (9kHz - 30MHz) 3 in 1 wireless charging EUT: Model Name: YFWW002 stand Pressure: 101kPa Test mode: Mode 1 DC 9V from adapter AC 120V/60Hz Test voltage: dBuV/m 130.0 120 110 100 90 80 FCC 15C Radiation Below 1GHz 70 60 50 40 My Mary March 30 20 10.0 0.009 (MHz) 30.000 0.200 5.000

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	0.0120	21.72	20.41	42.13	126.02	-83.89	QP
2	0.0543	18.98	20.59	39.57	112.91	-73.34	QP
3	0.1139	18.17	20.43	38.60	106.47	-67.87	QP
4	0.1429	46.83	20.11	66.94	104.50	-37.56	QP
5	0.4275	25.95	20.30	46.25	94.99	-48.74	QP
6 *	1.6045	11.91	20.47	32.38	63.53	-31.15	QP



Frequency range (30MHz - 1GHz)

EUT:	3 in 1 wireless charging stand	Model Name:	YFWW002
Pressure:		Polarization:	Vertical
Test voltage:	DC 9V from adapter AC 120V/60Hz	Test mode:	Mode 1



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	30.2111	50.59	-14.94	35.65	40.00	-4.35	QP
2	65.1145	42.16	-14.22	27.94	40.00	-12.06	QP
3	130.8369	50.42	-14.91	35.51	43.50	-7.99	QP
4	187.7530	46.35	-12.52	33.83	43.50	-9.67	QP
5	482.2156	35.28	-5.73	29.55	46.00	-16.45	QP
6	827.4934	35.50	0.50	36.00	46.00	-10.00	QP



UT:		3 sta	3 in 1 wireless charging stand			Model Name:			YF	YFWW002		
ressi	ure:	10	1kPa			Polarization: Horizontal		ł				
est v	oltage:		C 9V fr 20V/60	om ada _l Hz	oter AC			Мо	Mode 1			
80.0	dBuV/m											
70												
60								FCC (lassB 3k	4 Radiated	I QP	
50											n-6dB	
40					2		-	5 X				
30			1.	Water Van A	Managar P.	/ * ":			hallanay.	whomptoh	jerska frans	#JAJA ^{AAA} peak
20	with from the plant with the plant w	property to the second of the second		<i>,</i>			- Alba			Worth acts		
10												
0.0).000	60.000		.000	(MH			0.000		600.000		1000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	84.4054	39.09	-15.17	23.92	40.00	-16.08	QP
2	130.3789	49.89	-14.89	35.00	43.50	-8.50	QP
3	181.9202	46.92	-13.22	33.70	43.50	-9.80	QP
4	210.7860	43.42	-11.22	32.20	43.50	-11.30	QP
5 *	313.2760	47.09	-8.67	38.42	46.00	-7.58	QP
6	382.5879	45.09	-7.79	37.30	46.00	-8.70	QP



5.4 Occupied bandwidth

5.4.1 Test method

Use the following spectrum analyzer settings:

Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel RBW ≥1% of the 20 dB bandwidth

VBW ≥RBW

Sweep = auto

Detector function = peak

Trace = max hold

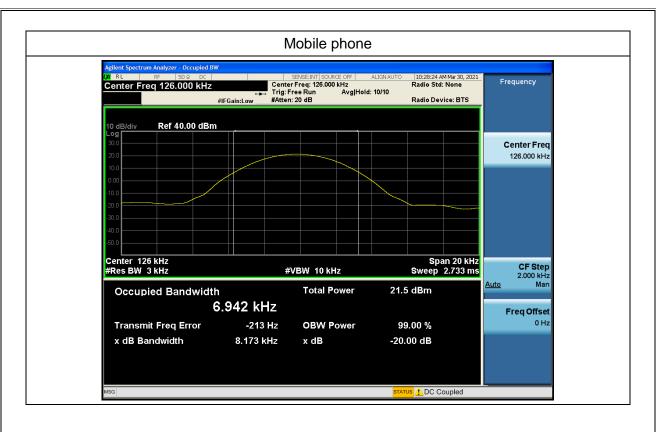
The EUT should be transmitting at its maximum data rate. Allow the trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. Use the marker-delta function to measure 20 dB down one side of the emission. Reset the marker-delta function, and move the marker to the other side of the emission, until it is (as close as possible to) even with the reference marker level. The marker-delta reading at this point is the 20 dB bandwidth and 99% occupied bandwidth of the emission.

5.4.2 Test result

	Frequency (kHz)	20dB emission bandwidth (kHz)	99% occupied bandwidth (kHz)	
Airpods	118	8.165	6.966	
Mobile phone	126	8.173	6.942	

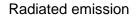
Test plots as below:







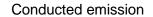
Photographs of the Test Setup















Photographs of the EUT See the APPENDIX 1- EUT PHOTO. ----END OF REPORT----