



NTEK 北测

FCC Test Report FCC ID: 2BARRPWS204

Product: 4-in-1 Magnetic Wireless Charger

Trade Name: INGOX Model Number: PWS-2041 Family Model: PWS-2042 Report No.: S23052401401001

Prepared for

Shanghai YIYU Trading Co., Ltd Rm.201, Bldg.2, 528 Mingxing Rd., Xinqiao Town, Songjiang Dist., Shanghai

Prepared by

Shenzhen NTEK Testing Technology Co., Ltd. 1/F, Building E, Fenda Science Park, SanweiCommunity,Xixiang Street, Bao'an District, Shenzhen P.R. China Tel:400-800-6106,0755-2320 0050 / 2320 0090 Website:http://www.ntek.org.cn





TEST RESULTCERTIFICATION

Applicant's name:	Shanghai YIYU Trading Co., Ltd
Address:	Rm.201, Bldg.2, 528 Mingxing Rd., Xinqiao Town, Songjiang Dist., Shanghai
Manufacturer's Name:	Shenzhen yuxuan wireless technology co.,Itd
Address:	301, Building A, lane 4, Shaxin Road, ShaYing Community, Maluan street, Pingshan District, Shenzhen, Guangdong
Product Name:	4-in-1 Magnetic Wireless Charger
Model and/or type reference :	PWS-2041
Family Model:	PWS-2042
	KDB 680106 D01 RF Exposure Wireless Charging App v03r01 een tested by ShenzhenNTEK Testing Technology Co., Ltd., and the test ider test (EUT) is in compliance with the FCC requirements. And it is
This report shall not be reproduced Technology Co., Ltd., this documer	I except in full, without the written approval of ShenzhenNTEK Testing nt may be altered or revised by Shenzhen NTEK Testing Technology Co., oted in the revision of the document.
The test results of this report relate Date of Test	only to the tested sample identified in this report.
TestSampleNumber	
-	
Date of Issue	-
Test Result	
Testing Engine	eer : Gavan Zhang
	(Gavan Zhang)
Authorized Sig	gnatory : Alless
	(Alex Li)





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1. TEST SUMMARY

Test procedures according to the technical standards:

EMC Emission								
Standard Test Item FCC Rules Limit Judgment Rema								
FCC part 15C ANSI C63.10:2013	Conducted Emission	§15.207	/	PASS				
	Radiated Emission	§15.209	/	PASS				
	ANTENNA APPLICATION	§15.203	/	PASS				
	20dB BANDWIDTH	§15.215	/	PASS				

NOTE:

(1)'N/A' denotes test is not applicable in this Test Report

(2) For client's request and manual description, the test will not be executed.





1.1 FACILITIES AND ACCREDITATIONS

All measurement facilities used to collect the measurement data are located at

1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District, Shenzhen 518126 P.R. China.

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.10 and CISPR Publication 22.

1.2 LABORATORY ACCREDITATIONS AND LISTINGS

Site Description

CNAS-Lab.	: The Certificate Registration Number is L5516.
IC-Registration	: The Certificate Registration Number is 9270A-1.
FCC- Accredited	: Test Firm Registration Number:463705.
	Designation Number: CN1184
A2LA-Lab.	: The Certificate Registration Number is 4298.01
	This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005General requirements for the competence of testing and calibration laboratories. This accreditation demonstratestechnical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).
Name of Firm	: Shenzhen NTEK Testing Technology Co., Ltd.
Site Location	: 1/F, Building E, Fenda Science Park, Sanwei Community, Xixiang
	Street, Bao'an District, Shenzhen 518126 P.R. China.

1.3 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $\mathbf{y} \pm \mathbf{U}$, where expended uncertainty \mathbf{U} is based on a standard uncertainty multiplied by a coverage factor of **k=2**, providing a level of confidence of approximately **95** %.

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U, (dB)	NOTE
NTEKC01	ANSI	150 KHz ~ 30MHz	2.8	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	U, (dB)	NOTE
NTEKA01	ANSI	9KHz ~1000MHz	2.64	
		1GHz ~12.4GHz	2.40	

C. Occupied Bandwidth: Uncertainty ±3.7dB





Revision History

Report No.	Version	Description	Issued Date
S23052401401001	Rev.01	Initial issue of report	Jun 12. 2023



2. GENERAL INFORMATION

2.1GENERAL DESCRIPTION OF EUT

Product Feature and Specification				
Equipment	4-in-1 Magnetic Wireless Charger			
Trade Name	INGOX			
FCC ID	2BARRPWS204			
Model No.	PWS-2041			
Family Model	PWS-2042			
Model Difference	All models are the same circuit and RF module, except the colour.			
Operating Frequency	111kHz~205kHz; 326kHz			
Antenna Type	Induction coil			
Power Rating	Input: 5V-3A, 9V-2A, 12V-1.5A			
	Phone Output: 15W/10W/7.5W/5W			
	Watch Output: 2.5W /Headphone Output: 3W /Light Output: 1W			
Wireless Output	Phone Output: 15W/10W/7.5W/5W			
	Watch Output: 2.5W /Headphone Output: 3W			
Battery	N/A			
HW Version	N/A			
SW Version	N/A			



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2.1.1 DESCRIPTION OF TEST MODES

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.

EUT Exercise

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

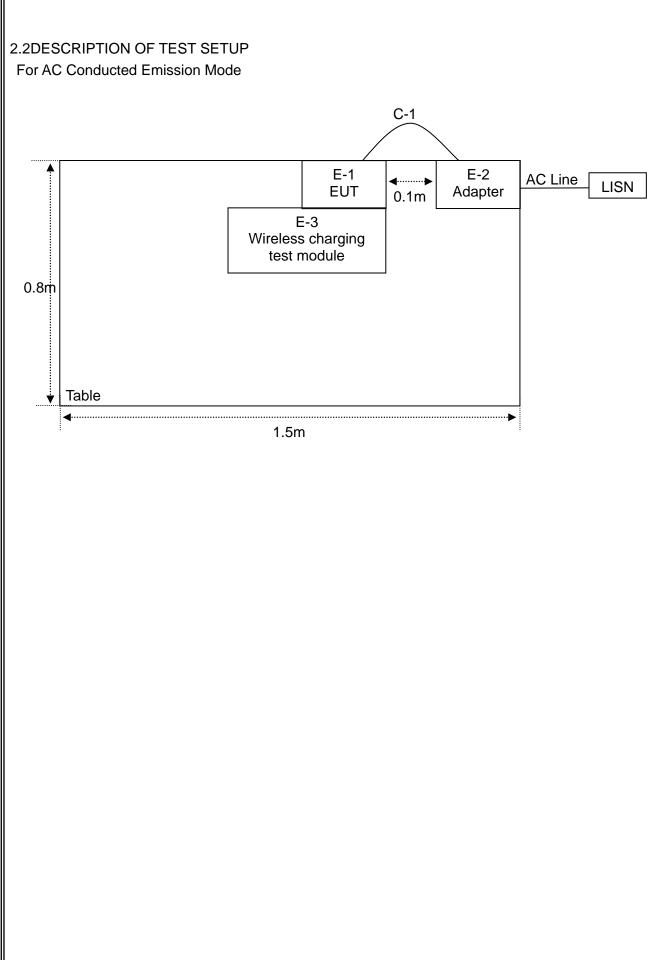
The following summary table is showing all test modes to demonstrate in compliance with the standard.

	Test Cases					
Test Item	Data Rate/ Modulation					
AC Conducted Emission	Mode 1: Max load (Phone Output 15W+Watch Output 2.5W+Headphone 3W)					
Radiated Test Cases	Mode 1: Max load (Phone Output 15W+Watch Output 2.5W+Headphone 3W)					

Wireless output 15W(Max)full load, half load and no load mode has been tested. But the Max Load mode is the worst mode, and only this mode was presented in this report.





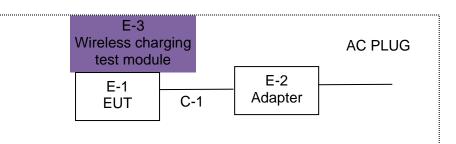






For Radiated Test Cases

. .







2.3 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Brand	Model/Type No.	Series No.	Note
E-1	4-in-1 Magnetic Wireless Charger	INGOX	PWS-2041	N/A	EUT
E-2	Adapter	וח	MDY-11-EF	N/A	
E-3	E-3 Wireless charging test module*3	YBZ	5W	N/A	
E-3		YBZ	15W	N/A	
		N/A	10W	N/A	

Item	Cable Type	Shielded Type	Ferrite Core	Length	Note
C-1	USB Cable	NO	NO	90cm	

Note:

(1) The support equipment was authorized by Declaration of Confirmation.

- (2) For detachable type I/O cable should be specified the length in cm in ^rLength¹ column.
- (3) "YES" means "shielded"" with core"; "NO" means "unshielded"" without core".



2.4MEASUREMENT INSTRUMENTS LIST

RadiationTest equipment

	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibrati on period
1	Spectrum Analyzer	Aglient	E4407B	MY45108040	2023.03.27	2024.03.26	1 year
2	Spectrum Analyzer	Agilent	N9020A	MY49100060	2022.06.17	2023.06.16	1 year
4	Test Receiver	R&S	ESPI7	101318	2023.03.27	2024.03.26	1 year
5	Bilog Antenna	TESEQ	CBL6111D	31216	2023.03.27	2024.03.26	1 year
6	50Ω Coaxial Switch	Anritsu	MP59B	6200983705	2023.05.06	2026.05.05	3 year
7	Amplifier	EMC	EMC051835 SE	980246	2022.06.17	2023.06.16	1 year
8	Amplifier	MITEQ	TTA1840-35- HG	177156	2022.06.17	2023.06.16	1 year
9	Loop Antenna	ARA	PLA-1030/B	1029	2022.06.17	2023.06.16	1 year
10	Test Cable (9KHz-30MHz)	N/A	R-01	N/A	2022.06.17	2025.06.16	3 year
11	Test Cable (30MHz-1GHz)	N/A	R-02	N/A	2022.06.17	2025.06.16	3 year

Conduction Test equipment

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Test Receiver	R&S	ESCI	101160	2023.03.27	2024.03.26	1 year
2	LISN	R&S	ENV216	101313	2023.03.27	2024.03.26	1 year
3	LISN	SCHWARZBE CK	NNLK 8129	8129245	2023.03.27	2024.03.26	1 year
4	50ΩCoaxial Switch	ANRITSU CORP	MP59B	6200983704	2023.05.06	2026.05.05	3 year
5	Test Cable (9KHz-30MH z)	N/A	C01	N/A	2023.05.06	2026.05.05	3 year
6	Test Cable (9KHz-30MH z)	N/A	C02	N/A	2023.05.06	2026.05.05	3 year
7	Test Cable (9KHz-30MH z)	N/A	C03	N/A	2023.05.06	2026.05.05	3 year





3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	limit			
	Quasi-peak	Average		
0.15 -0.5	66 - 56 *	56 - 46 *		
0.50 -5.0	56.00	46.00		
5.0 -30.0	60.00	50.00		

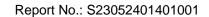
Note:

(1) The tighter limit applies at the band edges.

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

The following table is the setting of the receiver

Receiver Parameters	Setting		
Attenuation	10 dB		
Start Frequency	0.15 MHz		
Stop Frequency	30 MHz		
IF Bandwidth	9 kHz		





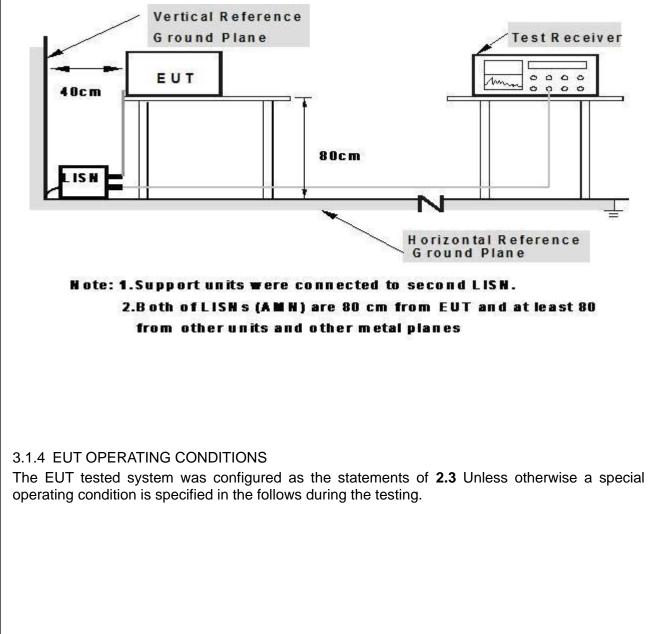
3.1.2 TEST PROCEDURE

a. 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 equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

Certificate #4298.01

- b. 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.
- c. 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.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

3.1.3 TEST SETUP





3.1.5TEST RESULTS

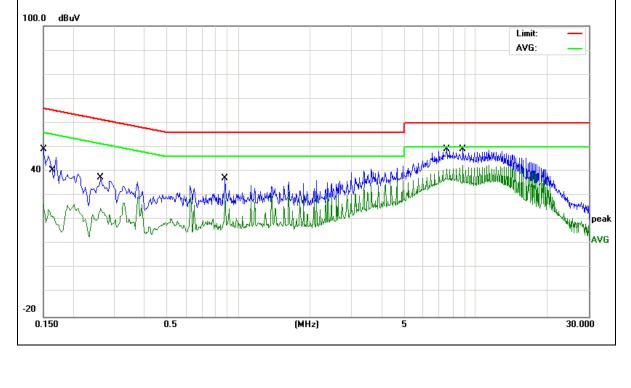
EUT: 4-in-1 Magnetic Wireless Charger			Model Name. :		PWS-2041			
Tei	emperature: 21.1°C			Relative Humidity:		48%		
Pressure: 1		1010hPa		Phase :		L		
Test Mode:		Mode 1			Test Voltage:		DC 5V from adapter AC 120V/60Hz	
	_					1		
	Frequency	Reading Level	Correct Factor	Meas	sure-ment	Limits	Margin	Remark
	(MHz) (dBµV) (dB)		(dB)	(dBµV) (dBµV)		(dBµV)	(dB)	Remark

0.1500	39.52	9.63	49.15	65.99	-16.84	QP
0.1500	16.61	9.63	26.24	55.99	-29.75	AVG
0.1650	11.67	9.63	21.30	55.20	-33.90	AVG
0.1650	36.26	9.63	45.89	65.20	-19.31	QP
0.2620	27.90	9.64	37.54	61.36	-23.82	QP
0.2620	15.18	9.64	24.82	51.36	-26.54	AVG
0.8780	27.56	9.66	37.22	56.00	-18.78	QP
0.8780	20.80	9.66	30.46	46.00	-15.54	AVG
7.5300	39.55	9.68	49.23	60.00	-10.77	QP
7.5300	31.49	9.68	41.17	50.00	-8.83	AVG
8.8500	39.59	9.69	49.28	60.00	-10.72	QP
8.8500	32.75	9.69	42.44	50.00	-7.56	AVG

Remark:

1. All readings are Quasi-Peak and Average values.

2. Factor = Insertion Loss + Cable Loss.



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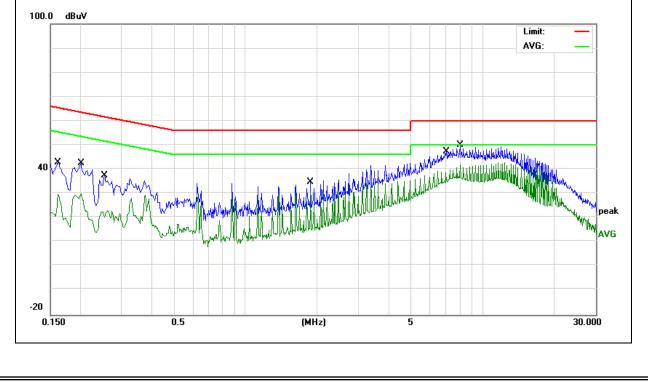


EUT: 4-in-1 Magnetic Wireless Charger				Model Name. :		PWS-2041	
Temperature: 21.1℃				Relative	e Humidity:	48%	
Pressure: 1010hPa			F	Phase :		N	
Test Mode: Mode 1			Test Voltage:		DC 5V from a 120V/60Hz	dapter AC	
Frequency	Reading Level	Correct Factor	Measure	e-ment	Limits	Margin	Remark
(MHz)	(dBµV)	(dB)	(dB	μV)	(dBµV)	(dB)	Remark
0.1620	33.21	9.63	42.8	34	65.36	-22.52	QP
0.1620	20.11	9.63	29.7	74	55.36	-25.62	AVG
0.2020	32.95	9.64	42.5	59	63.52	-20.93	QP
0.2020	20.28	9.64	29.9	92	53.52	-23.60	AVG
0.2540	27.96	9.64	37.6	60	61.62	-24.02	QP
0.2540	13.35	9.64	22.9	99	51.62	-28.63	AVG
1.8780	24.98	9.66	34.6	64	56.00	-21.36	QP
1.8780	21.24	9.66	30.9	90	46.00	-15.10	AVG
7.0540	37.69	9.68	47.3	37	60.00	-12.63	QP
7.0540	30.12	9.68	39.8	30	50.00	-10.20	AVG
8.0500	40.40	9.68	50.0)8	60.00	-9.92	QP
8.0500	32.24	9.68	41.9	92	50.00	-8.08	AVG

Remark:

1. All readings are Quasi-Peak and Average values.

2. Factor = Insertion Loss + Cable Loss.



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3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

The emissions from an intentional radiator shall not exceed the field strength levels specified in the following table 15.209(a):

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (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

15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(2)
13.36-13.41			

Notes

- (1) Measurement was performed at an antenna to the closed point of EUT distance ofmeters.
- (2) Emission level (dBuV/m)=20log Emission level (uV/m).
- (3) Only spurious frequency is permitted to locate within the Restricted Bands specified in provision of 15.205, and the emissions located in restricted bands also comply with 15.209limit.
- (4) The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector



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3.2.2 TEST PROCEDURE

Test Arrangement for Radiated Emissions up to 1 GHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at an accredited testfacility. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the topof a variable-height antenna tower.
- c. The antenna is a broadband antenna(Blow 30M, use loop antenna), and its height is varied from one meter to four meters above theground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned toheights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to findthe maximum reading.

Note: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz forquasi-peak detection (QP) at frequency below 1GHz.

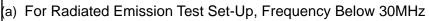
During the radiated emission test, the Spectrum Analyzer was set with the following configurations:

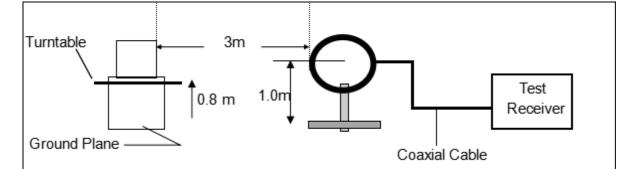
Use the following receiver/spectrum analyzer settings: Span = wide enough to fully capture the emission being measured RBW=200Hz for 9KHz to 150KHz, RBW=9kHz for 150KHz to 30MHz, RBW=120KHz for 30MHz to 1GHz VBW \geq 3*RBW Sweep = auto Detector function = QP Trace = max hold



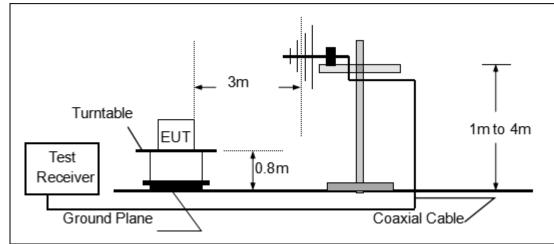


3.2.3 TEST SETUP





(b) For Radiated Emission 30~1000MHz







3.2.4TEST RESULTS

TEST RESULTS(9KHz~30MHz)

Note:

EUT:	4-in-1 Magnetic Wireless Charger	Model Name. :	PWS-2041
Temperature:	24 ℃	Relative Humidity:	54%
Pressure:	1010hPa	Test Power :	DC 5V from adapter AC 120V/60Hz
Test Mode :	Mode 1	Polarization:	Х

Frequency	Ant.Pol.	Emission	Limits	Margin	Remark
		Level			
(MHz)		(dBuV/m)	(dBuV/m)	(dB)	
0.056	Х	48.94	112.640	-63.70	Avg
0.124	х	57.49	105.736	-48.25	Avg(fundamental frequency)
0.130	Х	56.18	105.325	-49.15	Avg(fundamental frequency)
0.169	Х	43.15	103.046	-59.90	Avg
0.327	х	62.85	97.313	-34.46	Avg(fundamental frequency)
0.724	Х	45.28	70.409	-25.13	QP
1.538	Х	43.63	63.865	-20.24	QP
12.346	Х	41.54	69.542	-28.00	QP

Note:

Below 30MHz, Pre-test the X, Y, Z axis to find X axis is worst case, so only record X axis test data. X: Field strength which this device generates since the position of the charging coil and loop antenna differ by 0 degrees.

Y: Field strength which this device generates since the position of the charging coil and loop antenna differ by 90 degrees.

Z: Field strength which this device generates since the position of the charging coil and loop antenna differ by 180 degrees.



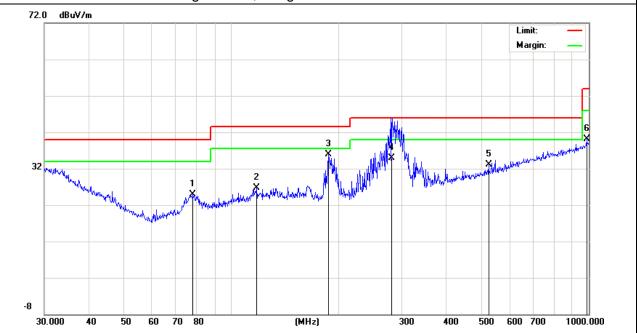
TEST RESULTS(30MHz ~1000MHz)

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EUT:	4-in-1 Magnetic Wireless Charger	Model Name. :	PWS-2041				
Temperature:	25.6	Relative Humidity:	54				
Pressure:	1010hPa		DC 5V from adapter AC 120V/60Hz				
Test Mode :	Mode 1	Polarization:	Vertical				

Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
V	78.1389	9.78	15.04	24.82	40.00	-15.18	QP
V	117.7725	7.99	18.69	26.68	43.50	-16.82	QP
V	187.0958	19.26	16.58	35.84	43.50	-7.66	QP
V	280.2236	14.91	19.98	34.89	46.00	-11.11	QP
V	524.5541	7.76	25.26	33.02	46.00	-12.98	QP
V	986.0717	8.06	32.07	40.13	54.00	-13.87	QP

Remark:

Emission Level= Meter Reading+ Factor, Margin= Emission Level- Limit.







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EUT:	4-in-1 Magnetic Wireless Charger	Model Name. :	PWS-2041
Temperature:	25.6	Relative Humidity:	54
Pressure:	1010hPa		DC 5V from adapter AC 120V/60Hz
Test Mode :	Mode 1	Polarization:	Horizontal

Polar	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Remark
(H/V)	(MHz)	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Н	79.2426	13.51	15.25	28.76	40.00	-11.24	QP
Н	143.8295	9.76	18.63	28.39	43.50	-15.11	QP
Н	187.0958	20.09	16.58	36.67	43.50	-6.83	QP
Н	264.7457	17.90	19.60	37.50	46.00	-8.50	QP
Н	289.4621	12.42	20.08	32.50	46.00	-13.50	QP
Н	309.9977	21.25	20.31	41.56	46.00	-4.44	QP

Remark:

Emission Level= Meter Reading+ Factor, Margin= Emission Level- Limit.







4. BANDWIDTH TEST

4.1TEST PROCEDURE

1). The transmitter output (antenna port) was connected to the spectrum analyzer in peak mode.

2). 20dB Bandwidth the resolution bandwidth of 300 Hz and the video bandwidth of 1 kHz were used.

3). Measured the spectrum width with power higher than 20dB below carrier.

4.2TEST SETUP





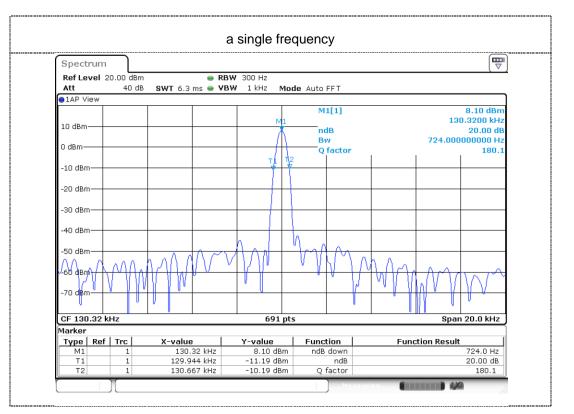


4.3 TEST RESULT

EUT:	4-in-1 Magnetic Wireless Charger	Model Name. :	PWS-2041
Temperature:	24 °C	Relative Humidity:	54%
Pressure:	1010hPa	Test Mode :	Mode 1
Test Power :	DC 5V from adapter AC 120	V/60Hz	•

Phone Output coil:

-20dB Bandwidth-a single	F _L	F _H
frequency(Hz)	(kHz)	(kHz)
724	129.944	130.667







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Watch Output coil: F_L -20dB Bandwidth-a single F_{H} (kHz) frequency(Hz) (kHz) 753 326.387 327.139 a single frequency Spectrum ● RBW 300 Hz SWT 6.3 ms ● VBW 1 kHz Ref Level 20.00 dBm Att 40 dB Mode Auto FFT ●1AP View 9.42 dBm 326.7630 kHz 20.00 dB M1[1] 10 dBm ndB Bw 753.000000000 Hz 0 dBm Q factor 434. -10 dBm -20 dBm--30 dBm--40 dBm -50 dBn -<u>60 d</u>Bn N Λ -70 dB Span 20.0 kHz CF 326.763 kHz 691 pts Marker Type Ref Trc M1 1 1 T1 1 1 T2 1 1 X-value 326.763 kHz 326.387 kHz 327.139 kHz **Y-value** 9.42 dBm -12.26 dBm -9.67 dBm Function Function Result 753.0 Hz ndB down ndB Q factor 20.00 dB 434.2





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Headphone Output coil:

	-20dB Bandwidth-a single frequency(Hz) 724				F (kł	l Hz)		F _H (kHz)	
				123	123.864 124.58				
				a single fi	requency	/			
Spectru	m								
Ref Leve	l 20.00 dBm	ı	e R	3W 300 Hz					
Att	40 dB	8 SWT 6.3 r	ms 😑 VI	BW 1 kHz N	1ode Auto F	FT			
⊖1Sa View	1	1 1			M1				3.78 dBn
					MIT	[1]		12	3.78 aBn 24.2400 kH:
10 dBm—				M	1 ndl	3			20.00 dE
0 dBm					Bw			724.00	0000000 H:
U aBm-					Q f	actor		1	171.3
-10 dBm—					12				
				'∳	Ý				
-20 dBm—									
-30 dBm—							-		
-40 dBm—					4				
-40 0011									
-50 dBm—				\wedge^{\sim}	<u> </u>		_		
		~h Ι	\sim			5		K.	
~60 dBm—	1.74	+~~~	\checkmark —			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	$\wedge \sim \sim$	the	+ 7
\sim	n v i	· · · ·					~ ~		$\lambda \sim \sim$
-70 dBm—									₩
CF 124.24	1 kHz			691	nts			Sna	n 20.0 kHz
Marker				371				594	
	ef Trc	X-value	1	Y-value	Functi	on	Fun	ction Resul	t
M1	1	124.2	24 kHz	3.78 dB	m ndB o	lown			724.0 Hz
T1	1	123.86		-15.31 dB		ndB			20.00 dB
T2	1	124.58	37 kHz	-14.70 dB	m∣ Qfa	actor			171.7





5. ANTENNA APPLICATION

5.1 Antenna Requirement

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shallbe designed to ensure that no antenna other than that furnished by the responsible partyshall be used with the device. **5.2 Result**

The EUT antenna ispermanent attached antenna. It comply with the standard requirement.

END REPORT