

# FCC REPORT

**Applicant:** SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO., LTD

**Address of Applicant:** A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU INDUSTRIAL ZONE, GUANLAN, LONGHUA SHENZHEN CHINA

**Equipment Under Test (EUT)**

**Product Name:** Smart Phone

**Model No.:** WP15 S

**Trade mark:** OUKITEL

**FCC ID:** 2ANMU-WP15S

**Applicable standards:** FCC CFR Title 47 Part 15 Subpart C Section 15.225

**Date of sample receipt:** 03 Dec., 2021

**Date of Test:** 04 Dec., 2021 to 21 Jan., 2022

**Date of report issue:** 24 Jan., 2022

**Test Result:** PASS\*

\* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Bruce Zhang  
Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the JYT product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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**2 Version**

Version No.	Date	Description
00	24 Jan., 2022	Original

Tested by: Mike.ou  
**Test Engineer**

Date: 24 Jan., 2022

Reviewed by: Winner Zhang  
**Project Engineer**

Date: 24 Jan., 2022

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## 4 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	15.203	Pass
Field strength of the fundamental signal	15.225 (a)	Pass
Spurious emissions	15.225(d)& 15.209	Pass
20dB Bandwidth	15.215(c)	Pass
Frequency tolerance	15.225 (e)	Pass
Conducted Emission	15.207	Pass

*Remark:*

1. Pass: The EUT complies with the essential requirements in the standard.  
2. The cable insertion loss used by "RF Output Power" and other conduction measurement items is 0.5dB (provided by the customer).

<b>Test Method:</b>	ANSI C63.4-2014 ANSI C63.10-2013
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## 5 General Information

### 5.1 Client Information

Applicant:	SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO., LTD
Address:	A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU INDUSTRIAL ZONE, GUANLAN, LONGHUA SHENZHEN CHINA
Manufacturer:	SHENZHEN YUNJI INTELLIGENT TECHNOLOGY CO., LTD
Address:	A2 2F BUILDING ENET NEW INDUSTRIAL PARK, DAFU INDUSTRIAL ZONE, GUANLAN, LONGHUA SHENZHEN CHINA

### 5.2 General Description of E.U.T.

Product Name:	Smart Phone
Model No.:	WP15 S
Operation Frequency:	13.56MHz
Channel numbers:	1
Modulation type:	ASK
Antenna Type:	Induction Coil Antenna
Power supply:	Rechargeable Li- Polymer Battery DC3.87V, 15600mAh
AC adapter:	Model: HJ-FC017K7-US Input: AC100-240V, 50/60Hz, 0.6A Output: DC 5.0V/ 7.0V/ 9V, 2.0A, or DC 12.0V, 1.5A
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

### 5.3 Test mode

Transmitting mode:	Keep the EUT in transmitting mode with modulation					
<b>Pre-Test Mode:</b>						
JYT has verified the construction and function in typical operation, The EUT was placed on three different polar directions; i.e. X axis, Y axis, Z axis. which was shown in this test report and defined as follows:						
Axis	X	Y	Z			
Field Strength(dBuV/m)	51.98	51.86	52.08			
<b>Final Test Mode:</b>						
According to ANSI C63.4 standards, the test results are both the "worst case" and "worst setup": Y axis (see the test setup photo).						

### 5.4 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC ID/DoC
SHENZHEN HONOR ELECTRONIC CO., LTD.	AC ADAPTER	ADS-65H1-19A-2	200310110000128	N/A

## 5.5 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%)
Conducted Emission (9kHz ~ 150KHz) for V-AMN	3.11 dB
Conducted Emission (150kHz ~ 30MHz) for V-AMN	2.62 dB
Radiated Emission (9kHz ~ 30MHz electric field) for 3m SAC	3.13 dB
Radiated Emission (9kHz ~ 30MHz magnetic field) for 3m SAC	3.13 dB
Radiated Emission (30MHz ~ 1GHz) for 3m SAC	4.45 dB

## 5.6 Additions to, deviations from, or exclusions from the method

No

## 5.7 Laboratory Facility

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

● **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

● **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

● **CNAS - Registration No.: CNAS L15527**

JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527.

● **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <https://portal.a2la.org/scopepdf/4346-01.pdf>

## 5.8 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info-JYTee@lets.com, Website: <http://www.ccis-cb.com>

## 5.9 Test Instruments list

Radiated Emission:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
3m SAC	ETS	RFD-100	Q1984	04-14-2021	04-13-2024
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-044	03-07-2021	03-06-2022
BiConiLog Antenna	SCHWARZBECK	VULB9163	9163-1246	03-07-2021	03-06-2022
Biconical Antenna	SCHWARZBECK	VUBA 9117	9117#359	06-17-2021	06-17-2022
Horn Antenna	SCHWARZBECK	BBHA9120D	912D-916	03-07-2021	03-06-2022
Broad-Band Horn Antenna	SCHWARZBECK	BBHA9170	1067	04-02-2021	04-01-2022
Broad-Band Horn Antenna	SCHWARZBECK	BBHA9170	1068	04-02-2021	04-01-2022
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-03-2021	03-02-2022
Low Pre-amplifier	SCHWARZBECK	BBV9743B	00305	03-07-2021	03-06-2022
High Pre-amplifier	SKET	LNPA_0118G-50	MF280208233	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-1G-NN-8M	JYT3M-1	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-18G-NN-8M	JYT3M-2	03-07-2021	03-06-2022
Cable	Qualwave	JYT3M-1G-BB-5M	JYT3M-3	03-07-2021	03-06-2022
Cable	Bost	JYT3M-40G-SS-8M	JYT3M-4	04-02-2021	04-01-2022
EMI Test Software	Tonscend	TS+	Version:3.0.0.1		

Conducted Emission:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
EMI Test Receiver	Rohde & Schwarz	ESCI 3	101189	03-03-2021	03-02-2022
LISN	Schwarzbeck	NSLK 8127	QCJ001-13	03-18-2021	03-17-2022
LISN	Rohde & Schwarz	ESH3-Z5	843862/010	06-18-2020	06-17-2022
RF Switch	TOP PRECISION	RSU0301	N/A	03-03-2021	03-02-2022
Cable	Bost	JYTCE-1G-NN-2M	JYTCE-1	03-03-2021	03-02-2022
Cable	Bost	JYTCE-1G-BN-3M	JYTCE-2	03-03-2021	03-02-2022
EMI Test Software	AUDIX	E3	Version: 6.110919b		

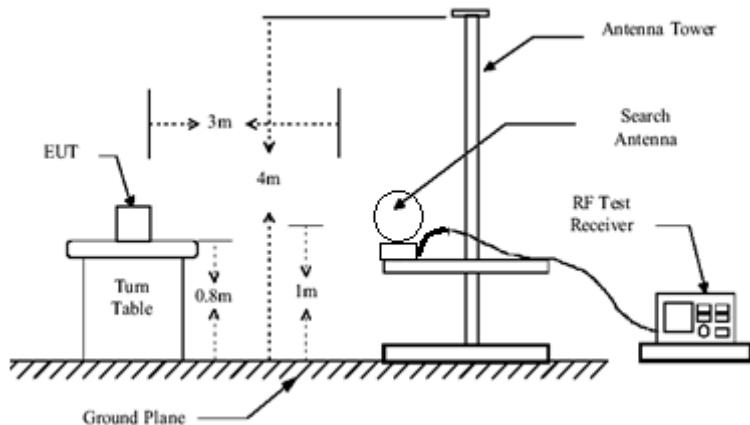
## 6 Test results and Measurement Data

### 6.1 Antenna requirement

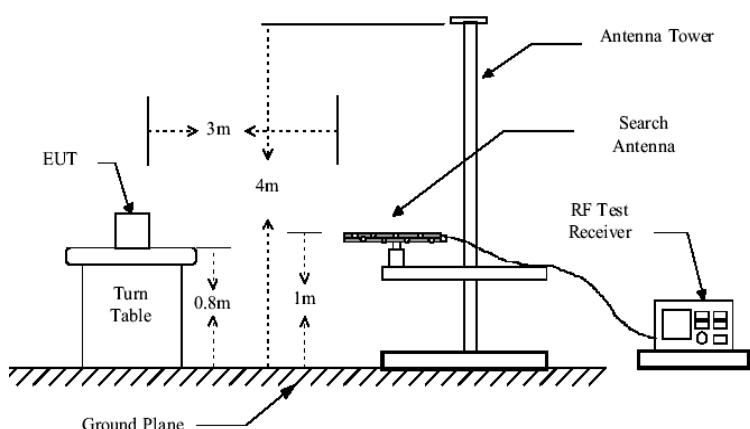
<b>Standard requirement:</b>	FCC Part15 C Section 15.203
15.203 requirement:	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.
<b>E.U.T Antenna:</b>	The EUT make use of an Induction coil antenna.

## 6.2 Radiated Emission

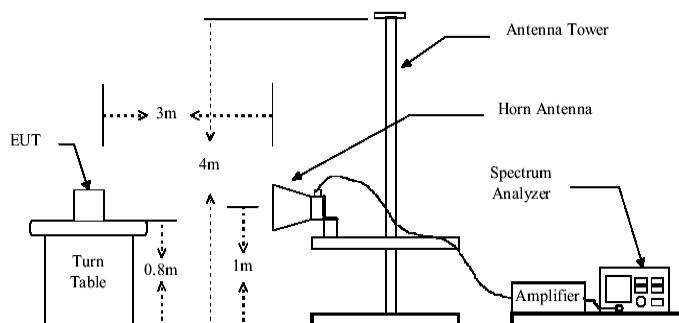
Test Requirement:	FCC Part15 C Section 15.225(a) and 15.209								
Test Frequency Range:	9 kHz to 1000MHz								
Test site:	Measurement Distance: 3m(Semi-Anechoic Chamber)								
Receiver setup:	Frequency	Detector	RBW	VBW	Remark				
	9kHz-150kHz	Quasi-peak	200Hz	600Hz	Quasi-peak Value				
	150kHz-30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value				
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak Value				
	Above 1GHz	Peak	1MHz	3MHz	Peak Value				
Limit: (Field strength of the fundamental signal)	Frequency	Limit (uV/m @30m)		Limit (dBuV/m @3m)					
	13.553MHz-13.567MHz	15848		124.0					
	13.410MHz-13.553MHz & 13.567MHz-13.710MHz	334		90.5					
	13.110MHz-13.410MHz & 13.710MHz-14.010MHz	106		80.5					
	Remark:	Per FCC part 15.31, when performing measurements at a distance which is closer than specified, the field strength results shall be extrapolated to the specified distance by using the square of an inverse linear distance extrapolation factor (i.e., 40 dB/decade) in conjunction with the slant-range distance defined in §15.3(hh) of this part.							
Limit: (Spurious Emissions)	Frequency (MHz)	Limit (uV/m @3m)		Distance (m)					
	0.009-0.490	2400/F(kHz)		300					
	0.490-1.705	24000/F(kHz)		30					
	1.705-30	30		30					
	30-88	100		3					
	88-216	150		3					
	216-960	200		3					
	Above 1GHz	500		3					
Test Procedure:	<ol style="list-style-type: none"> <li>The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</li> <li>For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</li> </ol>								
Test setup:	9kHz-30MHz								



30MHz-1GHz



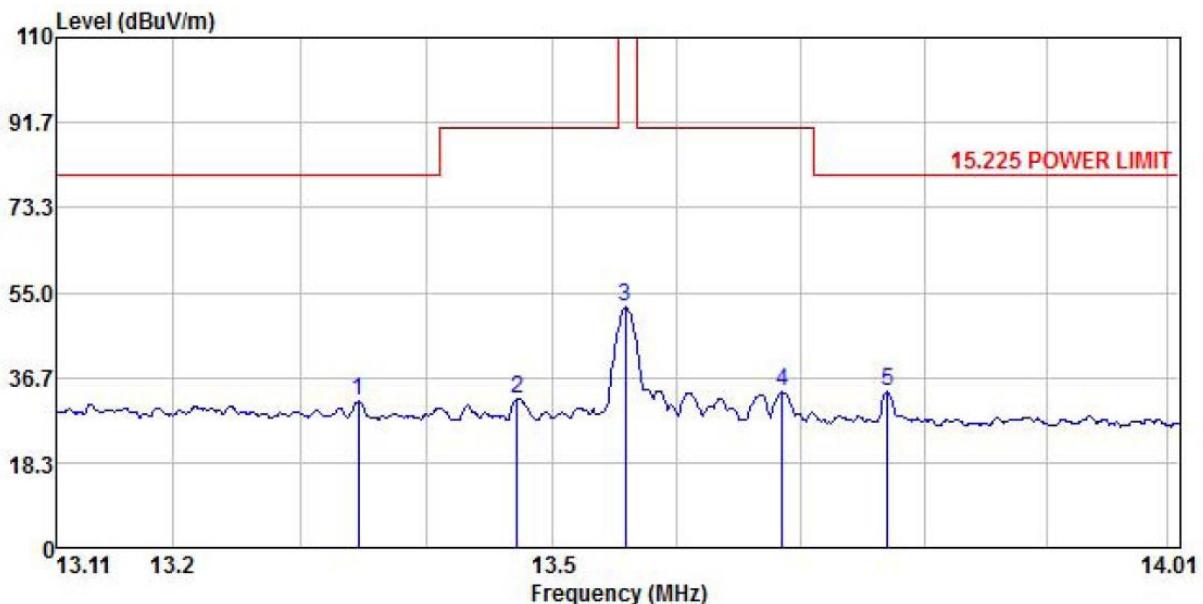
Above 1GHz



Test Instruments:	Refer to section 5.9 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

**Measurement Data:****Field Strength of fundamental signal:**

<b>Product Name:</b>	Smart Phone	<b>Product Model:</b>	WP15 S
<b>Test By:</b>	Mike	<b>Test mode:</b>	NFC Tx mode
<b>Test Voltage:</b>	AC 120V/60Hz	<b>Environment:</b>	Temp: 21.8°C Huni: 48%



Freq MHz	Read Level dBuV	Antenna Factor dB/m	Cable Loss dB	Preamp Factor dB	Limit Level dBuV/m	Line Level dBuV/m	Over Limit dB	Over Limit Remark
	MHz	dBuV	dB/m	dB	dBuV/m	dBuV/m	dB	
1	13.345	11.53	19.63	0.40	0.00	31.56	80.50	-48.94
2	13.472	12.08	19.61	0.41	0.00	32.10	90.50	-58.40
3	13.558	31.86	19.59	0.41	0.00	51.86	124.00	-72.14
4	13.685	13.53	19.57	0.42	0.00	33.52	90.50	-56.98
5	13.770	13.61	19.54	0.43	0.00	33.58	80.50	-46.92

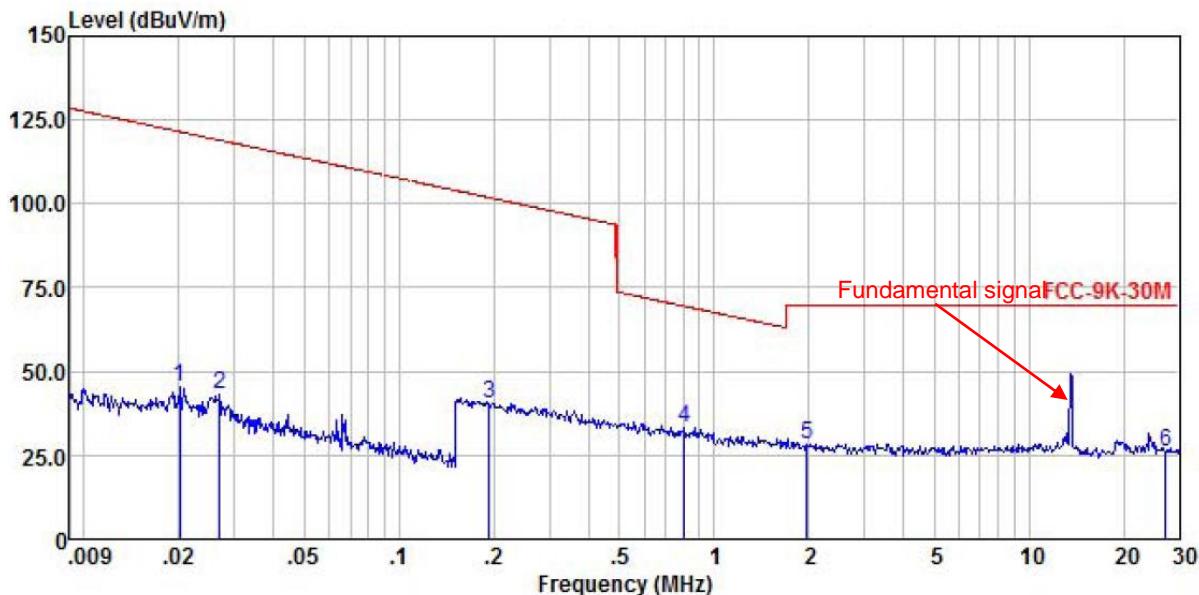
**Remark:**

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.

## Spurious Emissions:

Test frequency range: 9 kHz- 30 MHz

Product Name:	Smart Phone	Product Model:	WP15 S
Test By:	Mike	Test mode:	NCF Tx mode
Test Frequency:	150 kHz ~ 30 MHz	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz	Environment:	Temp: 21.8°C Huni: 48%

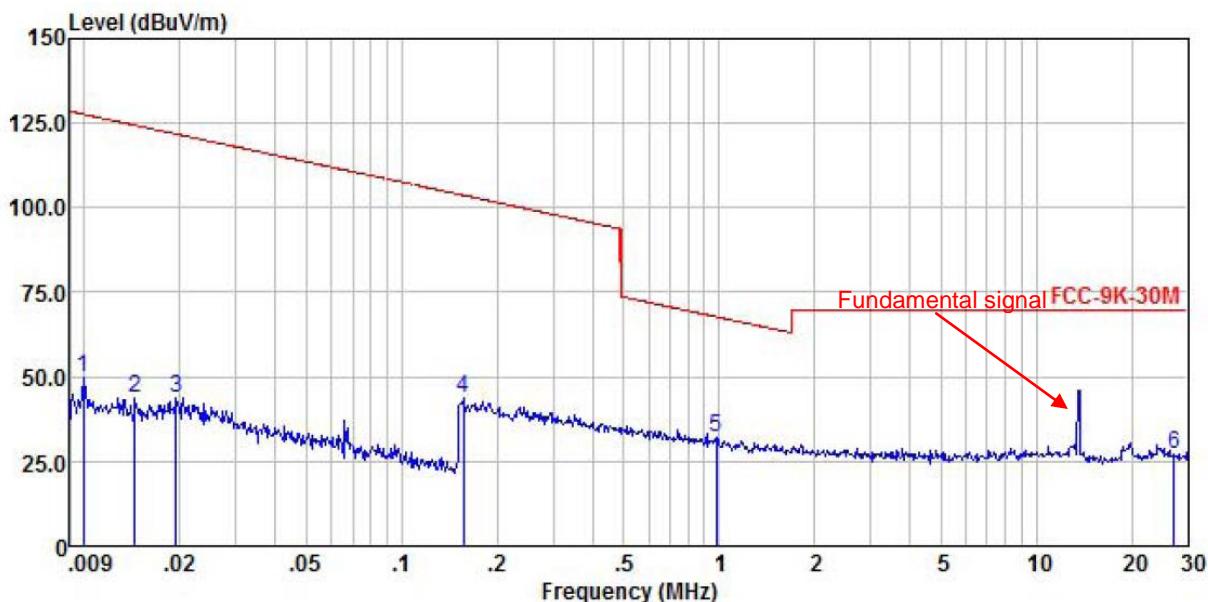


Freq	Read	Antenna	Cable	Preamp	Limit	Over	Over	
	Level	Factor	Loss	Factor				Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	0.020	25.04	20.31	0.01	0.00	45.36	121.52	-76.16 Peak
2	0.027	22.97	20.23	0.01	0.00	43.21	118.99	-75.78 Peak
3	0.193	20.17	20.33	0.04	0.00	40.54	101.90	-61.36 Peak
4	0.805	12.66	20.59	0.09	0.00	33.34	69.50	-36.16 Peak
5	1.981	7.76	20.44	0.17	0.00	28.37	69.50	-41.13 Peak
6	27.217	6.05	19.57	0.61	0.00	26.23	69.50	-43.27 Peak

## Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor.
- The emission levels of 9 kHz~150 kHz are background noise and very lower than the limit, not show in test report.

<b>Product Name:</b>	Smart Phone	<b>Product Model:</b>	WP15 S
<b>Test By:</b>	Mike	<b>Test mode:</b>	NFC Tx mode
<b>Test Frequency:</b>	150 kHz ~ 30 MHz	<b>Polarization:</b>	Horizontal
<b>Test Voltage:</b>	AC 120V/60Hz	<b>Environment:</b>	Temp: 21.8°C Huni: 48%



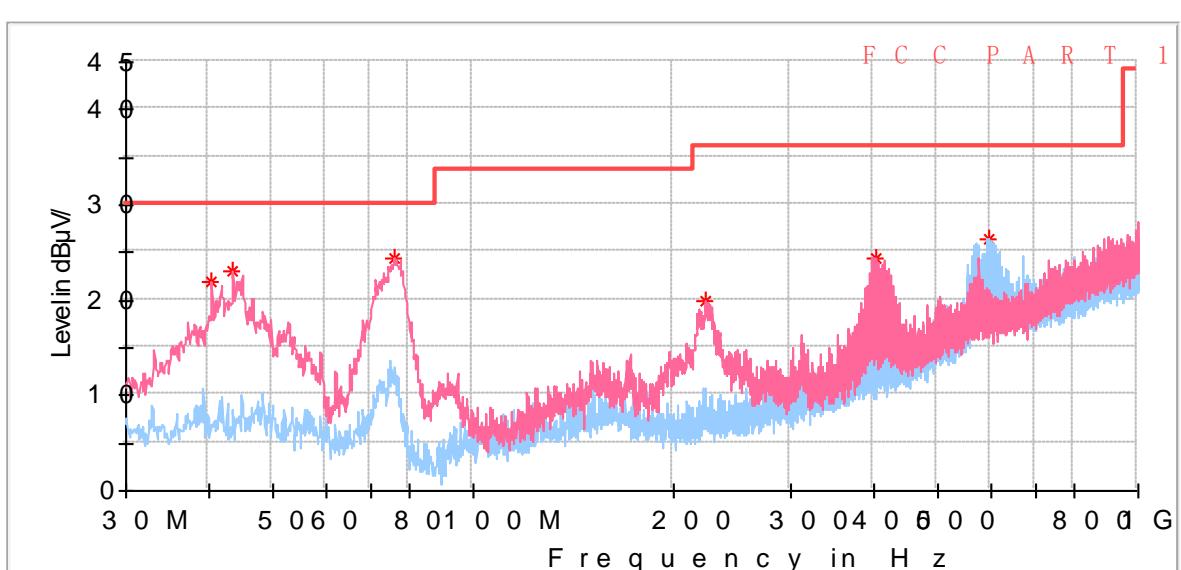
Freq MHz	Read	Antenna	Cable	Preamp	Limit Line dBuV/m	Over Line dBuV/m	Over Limit dB	Remark
	Freq MHz	Level dBuV	Factor dB/m	Loss Factor dB				
1	0.010	29.20	20.48	0.01	0.00	49.69	127.65	-77.96 Peak
2	0.014	23.31	20.40	0.01	0.00	43.72	124.41	-80.69 Peak
3	0.019	23.24	20.32	0.01	0.00	43.57	121.81	-78.24 Peak
4	0.156	23.28	20.22	0.03	0.00	43.53	103.74	-60.21 Peak
5	0.978	11.62	20.51	0.14	0.00	32.27	67.81	-35.54 Peak
6	27.217	6.68	19.57	0.61	0.00	26.86	69.50	-42.64 Peak

## Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor.
2. The emission levels of 9 kHz~150 kHz are background noise and very lower than the limit, not show in test report.

Test frequency range: 30MHz-1000MHz

Product Name:	Smart Phone	Product Model:	WP15 S
Test By:	Mike	Test mode:	NFC Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical & Horizontal
Test Voltage:	AC 120V/60Hz	Environment:	Temp: 22.2°C Huni: 55%

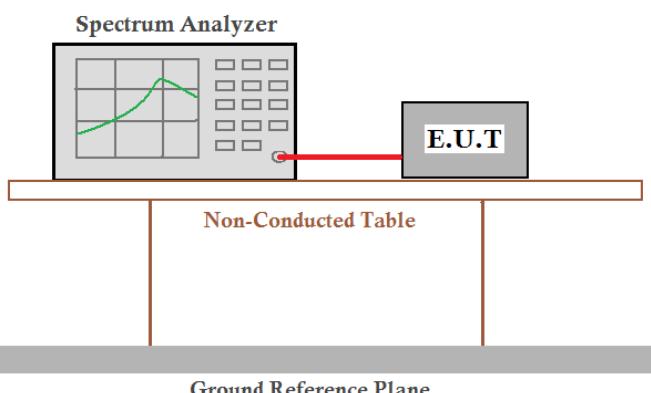


Frequency (MHz)	MaxPeak (dB µV/m)	Limit (dB µV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
40.379000	21.84	30.00	8.16	100.0	V	121.0	-15.6
43.483000	23.00	30.00	7.00	100.0	V	121.0	-15.7
75.978000	24.41	30.00	5.59	100.0	V	266.0	-19.4
223.418000	19.95	36.00	16.05	100.0	V	0.0	-16.8
404.420000	24.45	36.00	11.55	100.0	V	320.0	-10.9
598.129000	26.51	36.00	9.49	100.0	H	121.0	-6.6

## Remark:

- Final Level = Receiver Read level + Factor (Antenna Factor + Cable Loss – Preamplifier Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

### 6.3 20dB Bandwidth

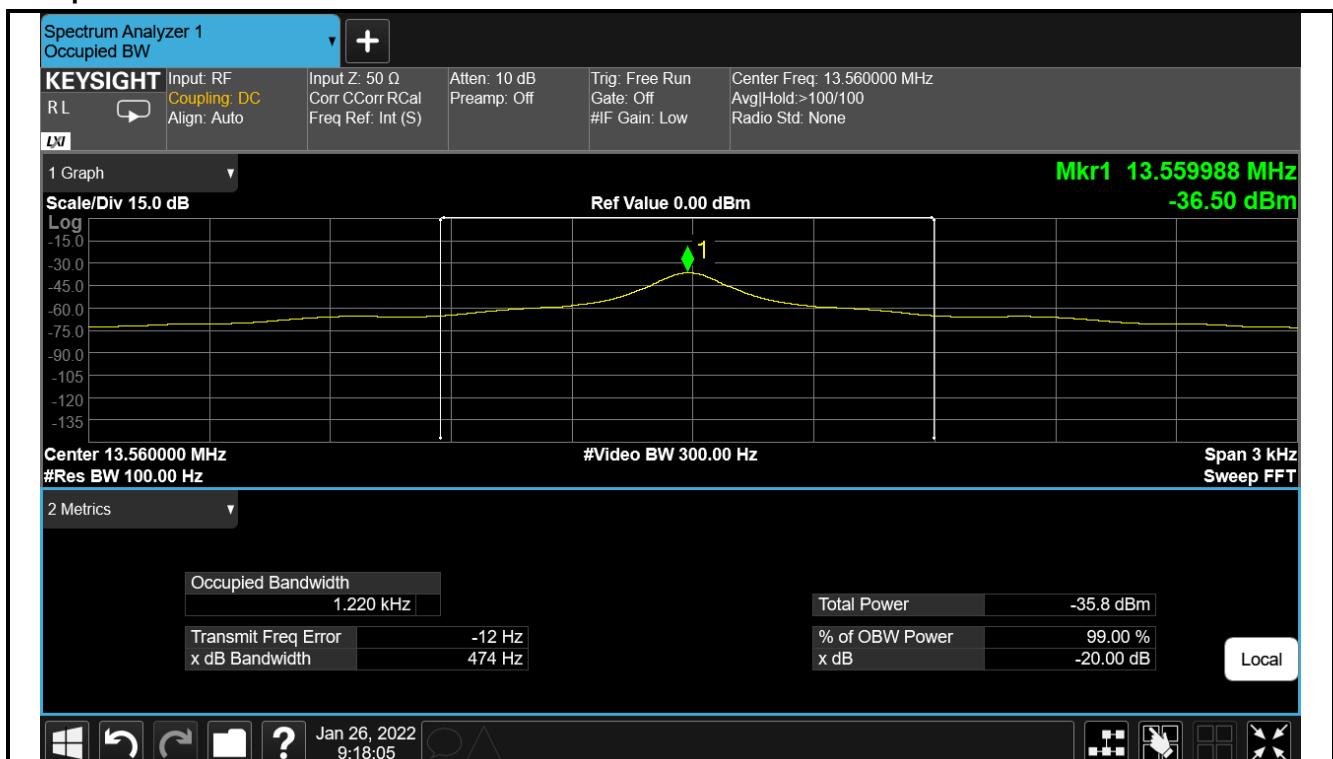
Test Requirement:	FCC Part15 C Section 15.215 (c)
Receiver setup:	RBW=200Hz, VBW=300Hz, detector: Peak
Limit:	The fundamental emission be kept within at least the central 80% of the permitted band
Test Procedure:	<ol style="list-style-type: none"> <li>1. According to the follow Test-setup, keep the relative position between the artificial antenna and the EUT.</li> <li>2. Set the EUT to proper test channel.</li> <li>3. Max hold the radiated emissions, mark the peak power frequency point and the -20dB upper and lower frequency points.</li> <li>4. Read 20dB bandwidth.</li> </ol>
Test setup:	
Test Instruments:	Refer to section 5.9 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

#### Measurement Data

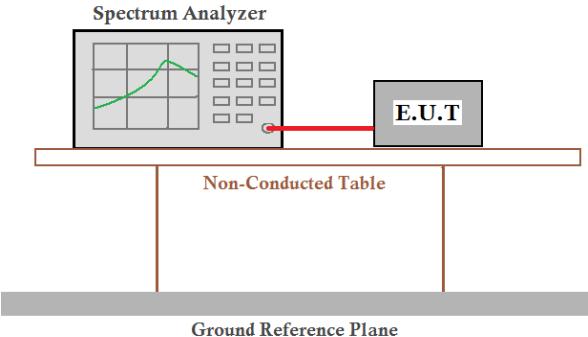
99% OBW (kHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
1.220	0.474	11.2	Pass

*Note: For 13.56MHz, permitted Band is 14 kHz, so the Limit is 11.2 kHz.*

Test plot as follows:



## 6.4 Frequency Tolerance

Test Requirement:	FCC Part15 C Section 15.225 (e)
Receiver setup:	RBW=200Hz, VBW=300Hz, span=14kHz, detector: Peak
Limit:	$\pm 0.01\%$ of the operating frequency
Test mode:	Transmitting mode
Test Procedure:	<p><b>Frequency stability V.S. Temperature measurement</b></p> <ol style="list-style-type: none"> <li>1. The equipment under test was powered by a fresh battery.</li> <li>2. RF output was connected to spectrum analyzer via feed through attenuators.</li> <li>3. The EUT was placed inside the temperature chamber.</li> <li>4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency.</li> <li>5. Turn EUT off and set the chamber temperature to -20°C. After the temperature stabilized for approximately 30 minutes recorded the frequency.</li> <li>6. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached</li> </ol> <p><b>Frequency stability V.S. Voltage measurement</b></p> <ol style="list-style-type: none"> <li>1. Set chamber temperature to 25°C. Use a variable DC power source to power the EUT and set the voltage to rated voltage.</li> <li>2. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.</li> </ol> <p>Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.</p>
Test setup:	 <p>The diagram illustrates the test setup. A 'Spectrum Analyzer' is connected to the 'E.U.T.' (Equipment Under Test) via a feed-through attenuator. The E.U.T. is placed on a 'Non-Conducted Table', which is supported by a 'Ground Reference Plane'.</p>
Test Instruments:	Refer to section 5.9 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

**Measurement Data:****a) Frequency stability V.S. Temperature measurement**

Voltage (Vdc)	Temperature (°C)	Frequency Tolerance (Hz)	Frequency Error (%)	Limit (%)	Results
3.87	-20	-12	-0.000088	±0.01	Pass
	-10	-10	-0.000074	±0.01	Pass
	0	-11	-0.000081	±0.01	Pass
	+10	-12	-0.000088	±0.01	Pass
	+20	-8	-0.000059	±0.01	Pass
	+30	-11	-0.000081	±0.01	Pass
	+40	-9	-0.000066	±0.01	Pass
	+50	-10	-0.000074	±0.01	Pass

**b) Frequency stability V.S. Voltage measurement**

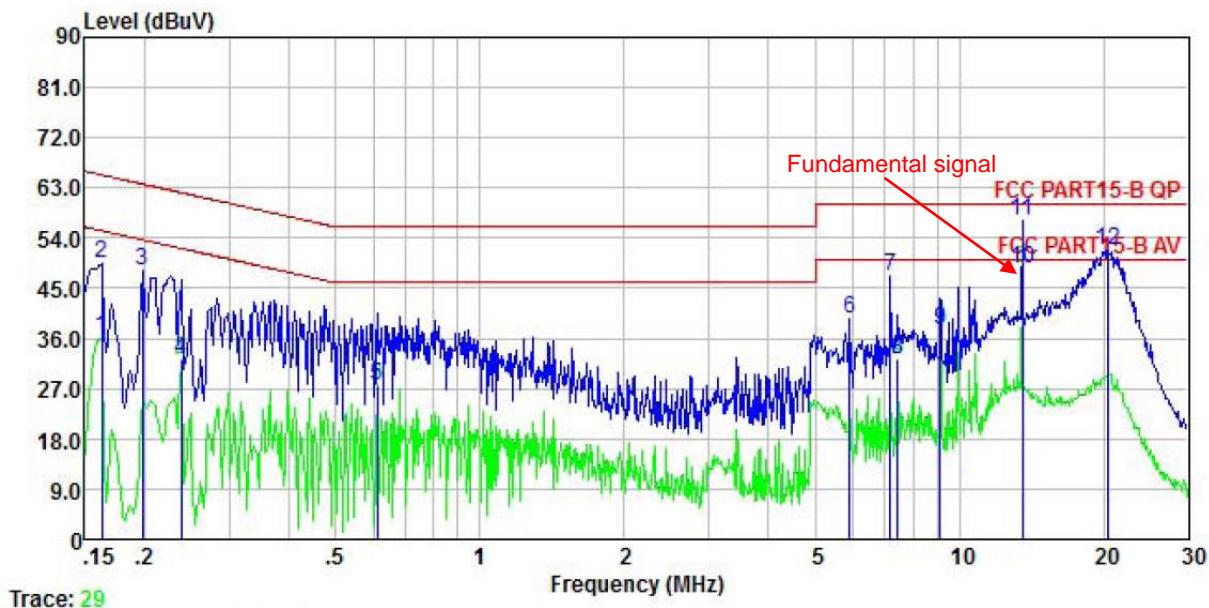
Temperature (°C)	Voltage (Vdc)	Frequency Tolerance (Hz)	Frequency Error (%)	Limit (%)	Results
25.0	3.50	-10	-0.000074	±0.01	Pass
	3.87	-8	-0.000059	±0.01	Pass
	4.45	-11	-0.000081	±0.01	Pass

## 6.5 Conducted Emission

Test Requirement:	FCC Part15 B Section 15.207		
Test Frequency Range:	150kHz to 30MHz		
Class / Severity:	Class B		
Receiver setup:	RBW=9kHz, VBW=30kHz		
Limit:	Frequency range (MHz)	Limit (dB $\mu$ V)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	0.5-30	60	50
* Decreases with the logarithm of the frequency.			
Test setup:	<p>Reference Plane</p> <p>LISN</p> <p>40cm</p> <p>80cm</p> <p>AUX Equipment</p> <p>E.U.T</p> <p>Test table/Insulation plane</p> <p>EMI Receiver</p> <p>Filter</p> <p>AC power</p> <p>Remark E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m</p>		
Test procedure	<ol style="list-style-type: none"> <li>1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). It provide a 50ohm/50uH coupling impedance for the measuring equipment.</li> <li>2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs).</li> <li>3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2014 on conducted measurement.</li> </ol>		
Test Instruments:	Refer to section 5.9 for details		
Test mode:	Refer to section 5.3 for details		
Test results:	Pass		

## Measurement Data:

Product name:	Smart Phone	Product model:	WP15 S
Test by:	Mike	Test mode:	NFC Tx mode
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line
Test voltage:	AC 120 V/60 Hz	Environment:	Temp: 22.5°C Huni: 55%

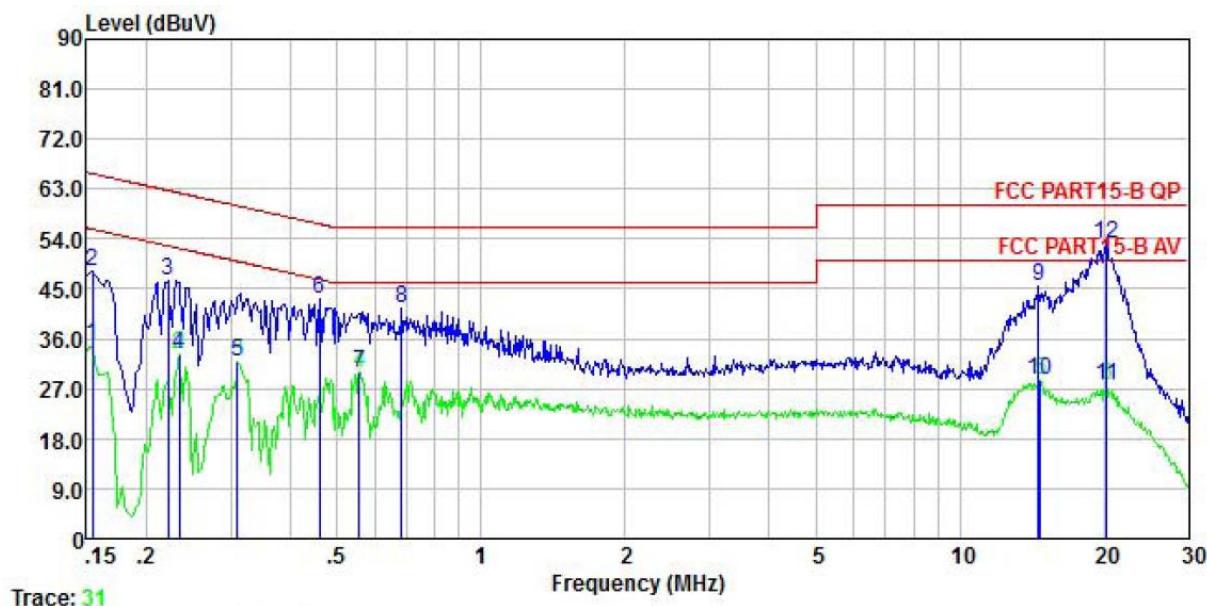


Freq	Read	LISN	Aux	Cable	Limit	Over	Remark	
	Freq	Level	Factor	Factor	Loss	Level	Line	Limit
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	dB
1	0.162	25.80	10.22	0.00	0.01	36.03	55.34	-19.31
2	0.162	39.16	10.22	0.00	0.01	49.39	65.34	-15.95
3	0.198	37.78	10.23	0.00	0.04	48.05	63.71	-15.66
4	0.238	21.85	10.24	0.00	0.02	32.11	52.17	-20.06
5	0.611	17.14	10.30	0.00	0.02	27.46	46.00	-18.54
6	5.898	28.98	10.45	0.00	0.09	39.52	60.00	-20.48
7	7.175	36.68	10.50	0.00	0.10	47.28	60.00	-12.72
8	7.446	21.67	10.51	0.00	0.10	32.28	50.00	-17.72
9	9.107	26.76	10.57	0.00	0.11	37.44	50.00	-12.56
10	13.551	37.71	10.73	0.00	0.12	48.56	50.00	-1.44
11	13.551	46.21	10.73	0.00	0.12	57.06	60.00	-2.94
12	20.486	40.75	10.92	0.00	0.18	51.85	60.00	-8.15

## Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Final Level =Receiver Read level + LISN Factor + Cable Loss.

<b>Product name:</b>	Smart Phone	<b>Product model:</b>	WP15 S
<b>Test by:</b>	Mike	<b>Test mode:</b>	NFC Tx mode
<b>Test frequency:</b>	150 kHz ~ 30 MHz	<b>Phase:</b>	Neutral
<b>Test voltage:</b>	AC 120 V/60 Hz	<b>Environment:</b>	Temp: 22.5°C Huni: 55%



Freq	Read	LISM	Aux	Cable	Level	Limit	Over	Remark
	MHz	dBuV	Factor	Factor		dBuV	Line	
1	0.154	24.52	10.19	0.00	0.01	34.72	55.78	-21.06 Average
2	0.154	38.03	10.19	0.00	0.01	48.23	65.78	-17.55 QP
3	0.222	36.08	10.23	0.00	0.03	46.34	62.74	-16.40 QP
4	0.234	22.93	10.23	0.00	0.02	33.18	52.30	-19.12 Average
5	0.310	21.75	10.25	0.00	0.03	32.03	49.97	-17.94 Average
6	0.459	32.99	10.28	0.00	0.03	43.30	56.71	-13.41 QP
7	0.555	19.66	10.29	0.00	0.02	29.97	46.00	-16.03 Average
8	0.683	31.13	10.30	0.00	0.03	41.46	56.00	-14.54 QP
9	14.594	34.77	10.72	0.00	0.13	45.62	60.00	-14.38 QP
10	14.750	17.81	10.72	0.00	0.13	28.66	50.00	-21.34 Average
11	20.270	16.44	10.88	0.00	0.19	27.51	50.00	-22.49 Average
12	20.270	42.10	10.88	0.00	0.19	53.17	60.00	-6.83 QP

## Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Final Level = Receiver Read level + LISN Factor + Cable Loss.

## **8 EUT Constructional Details**

Reference to the test report No. JYTSZB-R12-2102717.

-----End of report-----