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TEST REPORT

Product : WisePad 2 Plus

Trade mark : BBPOS

Model/Type reference : WisePad 2 Plus

Serial Number : N/A

Report Number : EED32J00012506

FCC ID : 2AB7X-WISEPAD2PLUS

Date of Issue : Mar. 20, 2017

Test Standards : 47 CFR Part 2(2015)

47 CFR Part 22 subpart H(2015) 47 CFR Part 24 subpart E(2015)

Test result : PASS

Prepared for:

BBPOS International Limited
Suite 1602, 16/F, Tower 2, Nina Tower, No. 8 Yeung Uk Road,
Tsuen Wan, N.T. HK, Hong Kong

Prepared by:

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Mar. 20, 2017

Sheek Luo (Lab supervisor)

Check No.: 2457559993





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2 Version

Version No.	Date	Description			
00	Mar. 20, 2017	Original			
	0				











































































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3 Test Summary

	GPRS 850		
Test Item	Test Requirement	Test method	Result
Conducted output power	Part 2.1046(a)/Part 22.913(a)	TIA-603-D-2010 &KDB 971168 D01v02r02	PASS
Effective Radiated Power of Transmitter(ERP)	Part 2.1046(a)/Part 22.913(a)	TIA-603-D-2010 &KDB 971168 D01v02r02	PASS
Field strength of spurious radiation	Part 2.1053/ Part 2.1057/ Part 22.917(a)(b)	TIA-603-D-2010 &KDB 971168 D01v02r02	PASS
	GPRS 1900		
Test Item	Test Requirement	Test method	Result
Conducted output power	Part 2.1046(a) /Part 24.232(c)	TIA-603-D-2010&KDB 971168 D01v02r02	PASS
Effective Radiated Power of Transmitter(EIRP)	Part 2.1046(a) / Part 24.232(c)	TIA-603-D-2010 &KDB 971168 D01v02r02	PASS
Field strength of spurious radiation	Part 2.1053 /Part 2.1057 / Part 24.238(a)(b)	TIA-603-D-2010 &KDB 971168 D01v02r02	PASS

Remark:

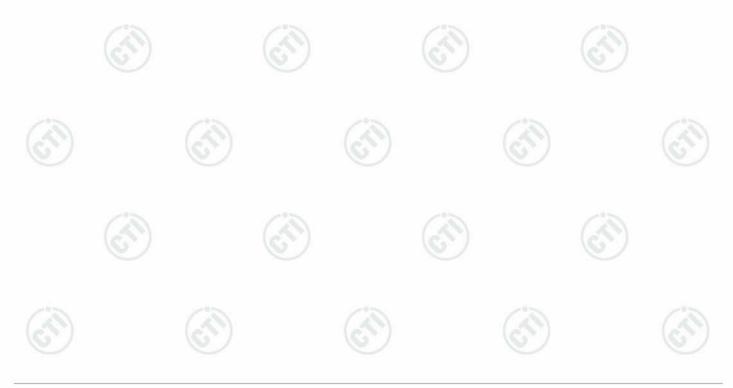
The tested sample and the sample information are provided by the client.

Model No.: WisePad 2 Plus, WisePad 2

This test report (Ref. No.: EED32J00012506) is only valid with the original test report (Ref. No.: EED32I00208216).

According to the declaration from the applicant, their RF part, main board, electrical circuit design, layout, components used and internal wiring are identical, only the WisePad 2 Plus is consisted by printer function part, but WisePad 2 is not included.

Therefore in this report Conducted output power, Effective Radiated Power of Transmitter(ERP) and Field strength of spurious radiation were fully retested on model WisePad 2 Plus and shown the data in this report, other tests please refer to original report EED32I00208216.





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4 Content

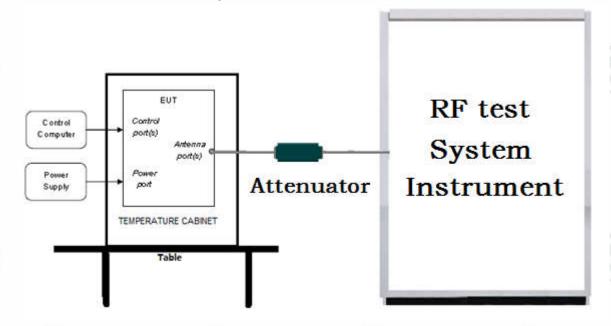
1 COVER PAGE.							
2 VERSION	•••••				•••••		2
3 TEST SUMMAI	RY						3
4 CONTENT	•••••		•••••	•••••	•••••	•••••	4
5 TEST REQUIR	EMENT	•••••		•••••		•••••	5
	onducted test adiated Emiss RONMENT	setupsions test setu	p				5 5
6 GENERAL INF							
6.1 CLIENT INFO 6.2 GENERAL D 6.3 PRODUCT S 6.4 DESCRIPTION	ESCRIPTION O	F EUTSUBJECTIVE T	O THIS STANDA	RD			7 7
6.5 TEST LOCA							
6.6 TEST FACIL 6.7 DEVIATION							
6.8 ABNORMALI	TIES FROM ST	ANDARD CONE	OITIONS				9
6.9 OTHER INFO							
7 EQUIPMENT L							
8 RADIO TECHN							
			of Transmitter				
			radiation				
PHOTOGRAPHS	OF TEST SE	ETUP			(63)		20
PHOTOGRAPHS							



5 Test Requirement

5.1 Test setup

5.1.1 For Conducted test setup



5.1.2 For Radiated Emissions test setup

Radiated Emissions setup:

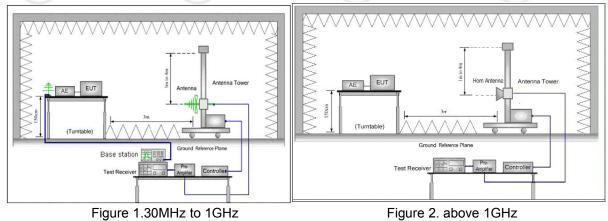


Figure 1.30MHz to 1GHz

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Figure 1. 30MHz to 1GHz

Figure 2. above 1GHz



5.2 Test Environment

Operating Environment:	-17	
Temperature:	22°C	
Humidity:	53% RH	6.
Atmospheric Pressure:	1010 mbar	

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5.3 Test Condition

Test channel:

Chamilei.		6)	RF Channel			
Test Mode	Tx	Low(L)	Middle(cm)	High(H)		
	Tx	Channel 128	Channel 190	Channel 25		
ODDOOGO	(824 MHz ~849 MHz)	824.2MHz	836.6 MHz	848.8 MHz		
GPRS850	Rx (869 MHz ~894 MHz)	Channel 128	Channel 190	Channel 25		
		869.2 MHz	881.6 MHz	893.8 MHz		
	Tx (1850 MHz ~1910 MHz) Rx	Channel 512	Channel 661	Channel 81		
CDDC4000		1850.2MHz	1880.0 MHz	1909.8 MHz		
GPR51900		Channel 512	Channel 661	Channel 81		
	(1930 MHz ~1990 MHz)	1930.2 MHz	1960.0 MHz	1989.8 MHz		

Test mode:

Pre-scan under all rate at lowest middle and highest channel ,find the transmitter power as below: Conducted transmitter power measurement result.

band	GPRS850		GPRS1900			
Channel	128	190	251	512	661	810
Frequency(MHz)	824.2MHz	836.6MHz	848.8MHz	1850.2MHz	1880MHz	1909.8MHz
GPRS Class 8	32.20dBm	32.71dBm	32.69dBm	29.18dBm	28.99dBm	29.07dBm

Pre-scan all mode and data rates and positions, find worse case mode are chosen to the report , the worse case mode as below:

band	Radiated	Conducted	
GPRS 850	1) GPRS 8 Link	1) GPRS 8 Link	
GPRS 1900	1) GPRS 8 Link	1) GPRS 8 Link	





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6 General Information

6.1 Client Information

Applicant:	BBPOS International Limited
Address of Applicant:	Suite 1602, 16/F, Tower 2, Nina Tower, No. 8 Yeung Uk Road, Tsuen Wan, N.T. HK, Hong Kong
Manufacturer:	BBPOS International Limited
Address of Manufacturer:	Suite 1602, 16/F, Tower 2, Nina Tower, No. 8 Yeung Uk Road, Tsuen Wan, N.T. HK, Hong Kong

6.2 General Description of EUT

Product Name:	WisePad 2 Plus
Model No.(EUT):	WisePad 2 Plus
Trade Mark:	BBPOS
EUT Supports Radios application	BT 2.1(2402MHz-2480MHz), BT 4.0(2402MHz-2480MHz), NFC(13.56MHz), WIFIb/g/n(HT20)(2412MHz-2472MHz), 2G(850MHz/1900MHz)GPRS
Power Supply:	DC 3.7V by Battery DC 5V by USB port
Battery:	Li-polymer 3.7V, 1300mAh
Sample Received Date:	Jan. 23, 2017
Sample tested Date:	Jan. 23, 2017 to Mar. 20, 2017

6.3 Product Specification subjective to this standard

Frequency Band:	GPRS 850:
	Tx:824.20 -848.80MHz; Rx: 869.20 – 893.80MHz
	GPRS 1900:
be a	Tx:1850.20 – 1909.80MHz; Rx:1930.20 – 1989.80MHz
Modulation Type:	GPRS Mode with GMSK Modulation
Sample Type:	Portable production
Antenna gain:	GPRS850: -3dBi; GPRS1900: 0.5dBi
Antenna Type:	Integral
Test voltage:	DC 3.7V

6.4 Description of Support Units

The EUT has been tested independently.

6.5 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd.

Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China 518101

Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted.

6.6 Test Facility

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

CNAS-Lab Code: L1910



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Centre Testing International Group Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC 17025: 2005 General Requirements) for the Competence of Testing and Calibration Laboratories..

A2LA-Lab Cert. No. 3061.01

Centre Testing International Group Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC-Registration No.: 886427

Centre Testing International Group Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. Registration 886427.

IC-Registration No.: 7408A-2

The 3m Alternate Test Site of Centre Testing International Group Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 7408A-2.

IC-Registration No.: 7408B-1

The 10m Alternate Test Site of Centre Testing International Group Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 7408B-1.

NEMKO-Aut. No.: ELA503

Centre Testing International Group Co., Ltd. has been assessed the quality assurance system, the testing facilities, qualifications and testing practices of the relevant parts of the organization. The quality assurance system of the Laboratory has been validated against ISO/IEC 17025 or equivalent. The laboratory also fulfils the conditions described in Nemko Document NLA-10.

VCCI

The Radiation 3 &10 meters site of Centre Testing International Group Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-4096.

Main Ports Conducted Interference Measurement of Centre Testing International Group Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: C-4563.

Telecommunication Ports Conducted Disturbance Measurement of Centre Testing International Group Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: T-2146.

The Radiation 3 meters site of Centre Testing International Group Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-758

6.7 Deviation from Standards

None.



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6.8 Abnormalities from Standard Conditions

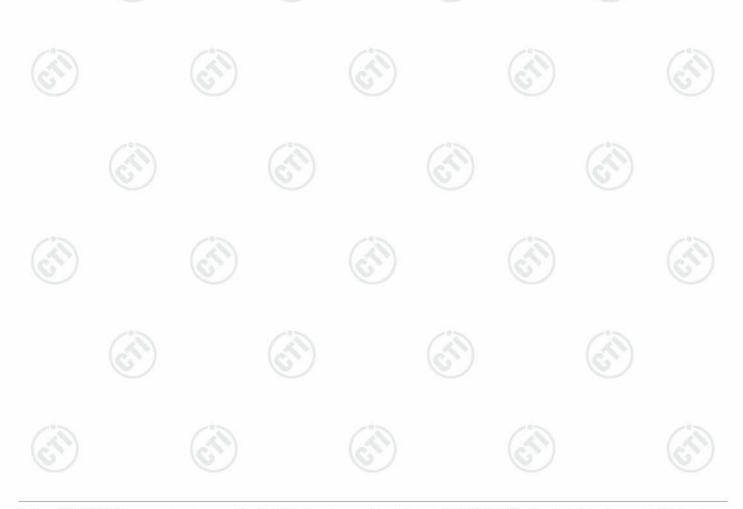
None.

6.9 Other Information Requested by the Customer

None.

6.10 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Radio Frequency	7.9 x 10 ⁻⁸
	DE nouser conducted	0.31dB (30MHz-1GHz)
2	RF power, conducted	0.57dB (1GHz-18GHz)
(6)	Dedicted Couriers emission test	4.5dB (30MHz-1GHz)
3	Radiated Spurious emission test	4.8dB (1GHz-12.75GHz)
4	Conduction amission	3.6dB (9kHz to 150kHz)
4	Conduction emission	3.2dB (150kHz to 30MHz)
5	Temperature test	0.64°C
6	Humidity test	2.8%
7	DC power voltages	0.025%





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7 Equipment List

		Communication	RF test syster	n	
Equipment	Manufacturer	Mode No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Spectrum Analyzer	Agilent	E4440A	MY46185649	12-16-2016	12-15-2017
Signal Generator	Agilent	E4438C	MY45095744	04-01-2016	03-31-2017
Communication test set	Agilent	E5515C	GB47050534	04-01-2016	03-31-2017
Signal Generator	Keysight	E8257D	MY53401106	04-01-2016	03-31-2017
Communication test set	R&S	CMW500	152394	04-01-2016	03-31-2017
High-pass filter	Sinoscite	FL3CX03WG18 NM12-0398-002	(F)	01-11-2017	01-10-2018
High-pass filter	MICRO- TRONICS	SPA-F-63029-4		01-11-2017	01-10-2018
band rejection filter	Sinoscite	FL5CX01CA09C L12-0395-001		01-11-2017	01-10-2018
band rejection filter	Sinoscite	FL5CX01CA08C L12-0393-001		01-11-2017	01-10-2018
band rejection filter	Sinoscite	FL5CX02CA04C L12-0396-002		01-11-2017	01-10-2018
band rejection filter	Sinoscite	FL5CX02CA03C L12-0394-001	75	01-11-2017	01-10-2018
DC Power	Keysight	E3642A	MY54426112	04-08-2016	04-07-2017
DC Power	Keysight	E3642A	MY54426115	04-01-2016	03-31-2017
PC-2	Lenovo	R4960d		04-01-2016	03-31-2017
PC-3	Lenovo	R4960d		04-01-2016	03-31-2017
RF control unit	JS Tonscend	JS0806-1	158060004	04-01-2016	03-31-2017
DC power Box	JS Tonscend	JS0806-4	158060007	04-01-2016	03-31-2017
LTE Automatic test software	JS Tonscend	JS1120-1		04-01-2016	03-31-2017
WCDMA Automatic test software	JS Tonscend	JS1120-3		04-01-2016	03-31-2017
GSM Automatic test software	JS Tonscend	JS1120-3	0.	04-01-2016	03-31-2017







Equipment	nt Manufacturer Mode No. Serial Number			Cal. date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)	
3M Chamber & Accessory Equipment	TDK	SAC-3		06-05-2016	06-05-2019	
TRILOG Broadband Antenna	SCHWARZBECK	VULB9163	9163-484	05-23-2016	05-22-2017	
Microwave Preamplifier	Agilent	8449B	3008A02425	02-16-2017	02-15-2018	
Horn Antenna	ETS-LINDGREN	3117	00057407	07-20-2015	07-18-2018	
Loop Antenna	ETS	6502	00071730	07-30-2015	07-28-2017	
Spectrum Analyzer	R&S	FSP40	100416	06-16-2016	06-15-2017	
Receiver	R&S	ESCI	100435	06-16-2016	06-15-2017	
Multi device Controller	maturo	NCD/070/10711 112	<u> </u>	01-11-2017	01-10-2018	
LISN	schwarzbeck	NNBM8125	81251547	06-16-2016	06-15-2017	
LISN	schwarzbeck	NNBM8125	81251548	06-16-2016	06-15-2017	
Signal Generator	Agilent	E4438C	MY45095744	04-01-2016	03-31-2017	
Signal Generator	Keysight	E8257D	MY53401106	04-01-2016	03-31-2017	
Temperature/ Humidity Indicator	TAYLOR	1451	1905	04-27-2016	04-26-2017	
Communication test set	Agilent	E5515C	GB47050534	04-01-2016	03-31-2017	
Cable line	Fulai(7M)	SF106	5219/6A	01-11-2017	01-10-2018	
Cable line	Fulai(6M)	SF106	5220/6A	01-11-2017	01-10-2018	
Cable line	Fulai(3M)	SF106	5216/6A	01-11-2017	01-10-2018	
Cable line	Fulai(3M)	SF106	5217/6A	01-11-2017	01-10-2018	
Communication test set	R&S	CMW500	152394	04-01-2016	03-31-2017	
High-pass filter	Sinoscite	FL3CX03WG18 NM12-0398-002		01-11-2017	01-10-2018	
High-pass filter	MICRO-TRONICS	SPA-F-63029-4		01-11-2017	01-10-2018	
band rejection filter	Sinoscite	FL5CX01CA09C L12-0395-001	(A)	01-11-2017	01-10-2018	
band rejection filter	Sinoscite	FL5CX01CA08C L12-0393-001	(a)	01-11-2017	01-10-2018	
band rejection filter	Sinoscite	FL5CX02CA04C L12-0396-002		01-11-2017	01-10-2018	
band rejection filter	Sinoscite	FL5CX02CA03C L12-0394-001	1	01-11-2017	01-10-2018	





















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8 Radio Technical Requirements Specification

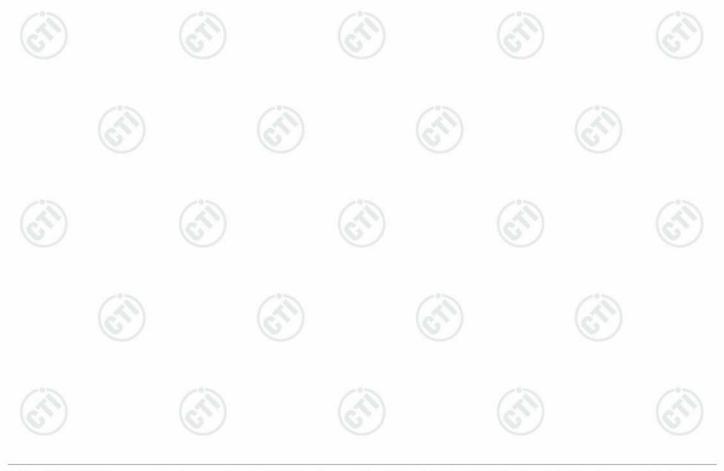
Reference documents for testing:

No.	Identity	Document Title
1	DADT 22 (2015)	PART 22 – PUBLIC MOBILE SERVICES
ı	PART 22 (2015)	Subpart H – Cellular Radiotelephone Service
2	DADT 04 (004E)	PART 24 – PERSONAL COMMUNICATIONS SERVICES
2	PART 24 (2015)	Subpart E – Broadband PCS
3	PART 2 (2015)	Frequency allocations and radio treaty matters; general rules and regulations
4	TIA 602 C 2004	Land Mobile FM or PM -Communications Equipment -Measurement and
4	TIA-603-C-2004	Performance Standards
5	KDB971168 D01	KDB971168 D01 Power Meas License Digital Systems v02r02

Test Results List:

Test Requirement	Test method	Test item	Verdict	Note Appendix A) Appendix C)	
Part 2.1046(a)/Part 22.913(a)/ part 24.232(c)	TIA-603-D&KDB 971168 D01v02r02	Conducted output power	PASS		
Part 2.1053/ Part 2.1057/ Part 22.917(a)(b)/ Part 24.238(a)(b)	TIA-603-D &KDB 971168 D01v02r02	Field strength of spurious radiation	PASS		
Part 2.1046(a)/Part 22.913(a)/ Part 24.232(c)	TIA-603-D &KDB 971168 D01v02r02	Effective Radiated Power of Transmitter(ERP)	PASS	Appendix B)	

Test Mode	Test Modes description
GPRS/TM2	GPRS,GMSK modulation





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Appendix A) RF Power Output

Test Requirement:	Part 2.1046(a)		
Test Method:	TIA-603-D-201	0 Clause 2.2.1	(6.)
Test Setup:	Refer to section	n 5 for details	
	Mode	GSM 850/WCDMA/HSDPA /HSUPA 850 Band V	GSM 1900/WCDMA/HSDPA /HSUPA 1900 Band II
Limit:	Frequency	824 – 849MHz	1850 – 1910MHz
	Limit	38.45dBm (ERP)	33.01dBm (EIRP)
Measurement Procedure:	and power met Simulator. The power setting. by adding the were performed	er, the other end of which was Base Station Simulator was se The power output at the transm	et to force the EUT to its maximum nitter antenna port was determined to the power reading. The tests nnel, middle channel and high
Instruments Used:	Refer to section	7 for details	200
Test Results:	Pass		

Test Data:

Test Band	Band Test Mode Test Channel		Measured(dbm)	Limit(dbm)	Verdict
(62)		LCH	32.20	38.5	PASS
GSM850	GSM/TM2	MCH	32.71	38.5	PASS
		нсн	32.69	38.5	PASS
Test Band	Test Mode	Test Channel	Measured(dbm)	Limit(dbm)	Verdict
/		LCH	29.18	33	PASS
GSM1900	GSM/TM2	MCH	28.99	33	PASS
		нсн	29.07	33	PASS





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Appendix B) Effective Radiated Power of Transmitter (ERP/EIRP)

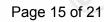
Receiver Setup:				150		(3)
	Freque	ency	Detector	RBW	VBW	Remark
	30MHz-	1GHz	peak	120kHz	300kHz	Peak
	Above	1GHz	Peak	1MHz	3MHz	Peak
Measurement Procedure:	the equipm manufactur 2). The disturb raising and 360° the to measurem 3). Steps 1) and and horizor 4). The transmethe antenna 5). A signal at radiating carbolarized, to at the test of field streng 6). The output 7). Steps 5) an 8). Calculate per ERP(dBrowhere: Pg is the Above 1GHz to fully Anech Above 18G 2). Calculate per EIRP(dBrowhere: Pg is the EIRP=ERI where: Pg is the 3). Test the EU The radiation	as powered (ent with the mer. The antendance of the transport of the trans	ON and placed nanufacturer syna of the transiter was an amitter was on 1m to 4m the respective that the substitution are substitution and the substitution are substitution are substitution are as below: The transiter was raisely at the substitution are substit	pecified antermitter was exmaximized on the receive and the receive and the replaced with same location he substitution and the received and lower and generator of for this set of antenna was the substitution of th	anna in a vertice tended to its on the test receivena and by was maximized as the center on antenna by eceive antenna adjuster of conditions. Then measure of conditions. Then measure of a gain (dBd) tion antenna. The form Semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna. The form semi-Ament distance a gain (dBi) tion antenna tion antenn	a maximum reading d until the measured ed. anechoic Chamber to of 3 meters is used st channel using for EUT case.
Limit:	Mode	GSM 850		GSI	M 1900	(20)
	Frequency	824 – 849N	1Hz		0 – 1910MHz	(0,





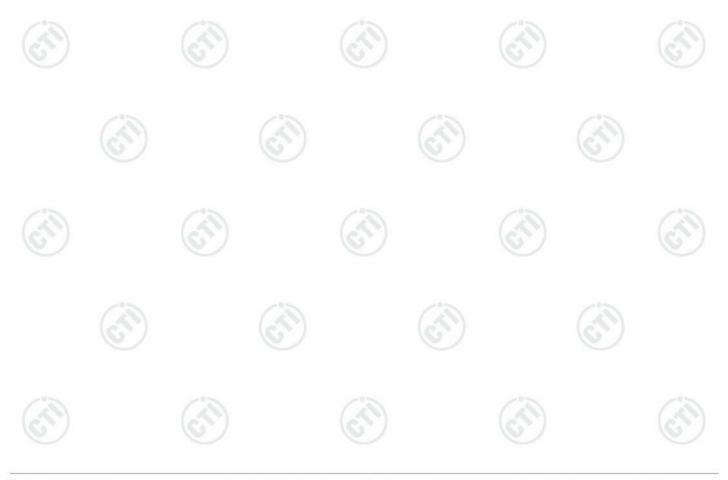
Report No. : EED32J00012506

Measurement Data



			GI	PRS 850			
Channel/fc (MHz)	Height (cm)	Azimuth (deg)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
400/004.0	151	360	19.63	38.45	-18.82	Pass	Н
128/824.2	150	121	22.08	38.45	-16.37	Pass	V
100/026 6	151	13	19.76	38.45	-18.69	Pass	н
190/836.6	150	200	21.23	38.45	-17.22	Pass	V
251/040.0	153	360	18.59	38.45	-19.86	Pass	Н
251/848.8	151	78	23.01	38.45	-15.44	Pass	V

(0)		0,	GF	PRS 1900			(6,1)
Channel/fc (MHz)	Height (cm)	Azimuth (deg)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
	151	360	17.67	33.01	-15.34	Pass	Н
512/1850.2	512/1850 2	-11.89	Pass	V			
	150	225	19.79	33.01	-13.22	Pass	н
661/1880.0	151	20	21.98	33.01	-11.03	Pass	V
	150	147	18.64	33.01	-14.37	Pass	Н
810/1909.8	153	306	21.54	33.01	-11.47	Pass	V





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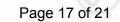
Appendix C) Field strength of spurious radiation

Receiver Setup:	Frequency	Detector	RBW	VBW	Remark	
	0.009MHz-30MHz	Peak	10kHz	30kHz	Peak	
	30MHz-1GHz	Peak	120kHz	300kHz	Peak	
	Above 1GHz	Peak	1MHz	3MHz	Peak	
Measurement Procedure:	1). The EUT was powered the equipment with the manufacturer. The anter 2). The disturbance of the raising and lowering fro antenna was tuned to h 360° the turntable. After measurement was made.	ON and placed manufacturer so the transmitter was a manufacturer was a manufacturer and the fundamental manufacturer.	specified ant smitter was of maximized or the test from the received tal emission	enna in a vextended to on the test equency of antenna a was maxir	ertical orientation its maximum lessented in receiver display below 30MHz, the thing the thing the protection of the thing the thing and by rotating the thing and by rotating the thing the thing and below the thing t	on on a ength. y by the nrough rength
	positioning be lower 30 3). Steps 1) and 2) were pervertical and horizontal perfect the antenna was approximately 5). A signal at the disturbance radiating cable. With be polarized, the receiver a at the test receiver. The	erformed with the colarization. It is removed and a continuous at the color was fed to the substitute of the significant of the	I replaced w same location the substitution and the sed and low gnal generat	rith another on as the co tion antenna receive ant ered to obta or was adju	antenna. The center of the tran a by means of a ennas horizonta ain a maximum usted until the	enter c smitter a non- ally
	measured field strength 6). The output power into the 7). Steps 5) and 6) were re 8) Calculate power in dBm ERP(dBm) = Pg(down) where: Pg is the generate Above 1GHz test procedu 1)Different between above	he substitution epeated with bo by the followin (IBm) – cable loor output power ure as below:	antenna wa th antennas g formula: ss (dB) + ar into the sub	s then mea polarized a ntenna gain pstitution ar	sured. and EUT . (dBd) atenna.	
	Chamber to fully Anech meters is used, Above 2 2) Calculate power in dBm EIRP(dBm) = Pg(d EIRP=ERP+2.15dE where:	oic Chamber ; 18GHz the dista by the followin Bm) – cable los 3	up to 18GH: ance is 1 me g formula: ss (dB) + an	z a measur eter. tenna gain	ement distance (dBi)	of 3
	Pg is the generator of 3.Test the EUT in the lowe The radiation measurem	st channel, the	middle chai	nnel the Hig	hest channel	(3)
	operation mode,And four Repeat above procedures	nd the X axis p	_			





Test data:
Above 1GHz



		GPRS 85	0 128channel/824.	2MHz(lowe	est channel)		
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1597.401	153	52	-52.32	-13.00	-39.32	Pass	H /
2500.251	150	100	-52.81	-13.00	-39.81	Pass	Н (с
3766.785	151	97	-55.27	-13.00	-42.27	Pass	Н
5379.504	150	256	-54.25	-13.00	-41.25	Pass	Н
6921.301	155	57	-50.56	-13.00	-37.56	Pass	Н
10833.220	150	10	-48.13	-13.00	-35.13	Pass	H
1593.340	145	337	-49.14	-13.00	-36.14	Pass	V
2065.715	150	345	-54.40	-13.00	-41.40	Pass	V
3096.325	150	249	-56.12	-13.00	-43.12	Pass	V
4223.950	153	360	-55.46	-13.00	-42.46	Pass	V
5791.646	154	151	-51.57	-13.00	-38.57	Pass	V
8042.903	151	33	-49.95	-13.00	-36.95	Pass	V

	1	GPRS 85	50 190channel/836.	6MHz(mide	dle channel)		To the
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1365.835	151	78	-55.48	-13.00	-42.48	Pass	H
1593.380	155	57	-47.08	-13.00	-34.08	Pass	H (A
2498.247	150	10	-51.40	-13.00	-38.40	Pass	н
3524.036	153	215	-54.19	-13.00	-41.19	Pass	Н
4710.867	151	321	-53.50	-13.00	-40.50	Pass	Н
5799.177	150	89	-50.79	-13.00	-37.79	Pass	Н
1158.266	150	249	-56.12	-13.00	-43.12	Pass	V
1923.203	153	360	-54.14	-13.00	-41.14	Pass	V
2489.310	154	151	-52.41	-13.00	-39.41	Pass	V
3199.044	159	100	-54.17	-13.00	-41.17	Pass	V
4710.867	155	57	-53.59	-13.00	-40.59	Pass	V
5799.177	150	10	-50.79	-13.00	-37.79	Pass	V















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		GPRS 85	0 251channel/848.8	BMHz(highe	est channel)		
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1597.401	152	168	-53.37	-13.00	-40.37	Pass	Н
2493.895	153	94	-52.13	-13.00	-39.13	Pass	H _os
3662.775	150	30	-55.62	-13.00	-42.62	Pass	н (А
5393.215	150	179	-53.25	-13.00	-40.25	Pass	н
7547.013	151	100	-50.87	-13.00	-37.87	Pass	Н
10348.050	150	25	-49.14	-13.00	-36.14	Pass	Н
1597.401	153	172	-55.41	-13.00	-42.41	Pass	V
1998.475	151	200	-53.28	-13.00	-40.28	Pass	V
2493.895	152	252	-53.24	-13.00	-40.24	Pass	V
3757.208	150	360	-54.95	-13.00	-41.95	Pass	V
5151.676	147	30	-52.82	-13.00	-39.82	Pass	V
6363.645	144	265	-50.76	-13.00	-37.76	Pass	V

		GPRS 190	00 512channel/1850).2MHz(low	est channel)		
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1593.340	152	36	-54.52	-13.00	-41.52	Pass	Н
2493.895	148	358	-53.20	-13.00	-40.20	Pass	Н
3766.785	150	179	-54.56	-13.00	-41.56	Pass	H /°
5204.399	151	100	-53.28	-13.00	-40.28	Pass	н (А
6816.394	150	25	-51.36	-13.00	-38.36	Pass	н
7900.858	152	360	-50.59	-13.00	-37.59	Pass	Н
1593.340	150	18	-48.74	-13.00	-35.74	Pass	V
2135.217	149	180	-54.78	-13.00	-41.78	Pass	V
3241.498	151	297	-57.32	-13.00	-44.32	Pass	V
5217.664	152	168	-52.27	-13.00	-39.27	Pass	V
6938.942	153	94	-50.83	-13.00	-37.83	Pass	V
8187.502	150	30	-51.48	-13.00	-38.48	Pass	V





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		GPRS 19	00 661channel/188	0MHz(mide	dle channel)		
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1597.401	150	36	-53.24	-13.00	-40.24	Pass	Н
2157.069	149	180	-54.90	-13.00	-41.90	Pass	Н
2493.895	151	360	-52.62	-13.00	-39.62	Pass	H (2
3776.385	152	168	-55.61	-13.00	-42.61	Pass	Н
5462.297	153	94	-53.67	-13.00	-40.67	Pass	Н
6799.064	150	79	-50.59	-13.00	-37.59	Pass	Н
1593.340	153	172	-51.82	-13.00	-38.82	Pass	V
2076.259	151	200	-54.77	-13.00	-41.77	Pass	V
2630.837	152	252	-55.72	-13.00	-42.72	Pass	V
3738.129	150	360	-53.94	-13.00	-40.94	Pass	V
5311.469	147	30	-52.82	-13.00	-39.82	Pass	V
6903.705	144	265	-50.36	-13.00	-37.36	Pass	V

		GPRS 190	0 810channel/1909	.8MHz(high	nest channel)		
Frequency (MHz)	Height (cm)	Azimuth (deg)	Spurious Emission Level (dBm)	Limit (dBm)	Over Limit (dB)	Result	Antenna Polaxis.
1597.401	153	172	-53.86	-13.00	-40.86	Pass	Н
2076.259	151	200	-52.67	-13.00	-39.67	Pass	Н
2487.555	152	252	-52.72	-13.00	-39.72	Pass	H /
3757.208	150	360	-55.09	-13.00	-42.09	Pass	н 🧭
5204.399	152	168	-52.54	-13.00	-39.54	Pass	Н
6938.942	153	94	-50.65	-13.00	-37.65	Pass	Н
1597.401	150	79	-54.57	-13.00	-41.57	Pass	V
2118.973	151	126	-54.06	-13.00	-41.06	Pass	V
2493.895	150	25	-53.61	-13.00	-40.61	Pass	V
3805.334	152	360	-55.07	-13.00	-42.07	Pass	V
5297.966	148	236	-53.62	-13.00	-40.62	Pass	V
6868.647	151	68	-50.82	-13.00	-37.82	Pass	V

Note:











¹⁾ Scan from 9kHz to 25GHz, the disturbance above 13GHz and below 1GHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.



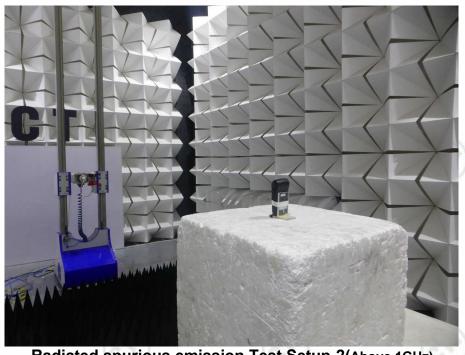
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PHOTOGRAPHS OF TEST SETUP

Test model No.: WisePad 2 Plus



Radiated spurious emission Test Setup-1(Below 1GHz)



Radiated spurious emission Test Setup-2(Above 1GHz)













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PHOTOGRAPHS OF EUT Constructional Details

Refer to Report No.EED32J00012502 for EUT external and internal photos.

*** End of Report ***

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