

Report No: JYTSZB-R12-2102485

FCC REPORT

Applicant:	PCD, LLC
Address of Applicant:	1500 Trade port Drive, Suite A, Orlando. Fl 32824
Equipment Under Test (E	EUT)
Product Name:	4G LTE smart phone
Model No.:	P50
Trade mark:	PCD
FCC ID:	2ALJJP50
Applicable standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247
Date of sample receipt:	08 Nov., 2021
Date of Test:	09 Nov., to 13 Dec., 2021
Date of report issued:	16 Dec., 2021
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.

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Version 2

Version No.	Date	Description
00	16 Dec., 2021	Original

Tested by:

Reviewed by:

Mike.OU Test Engineer

16 Dec., 2021 Date:

Winner Thang

Project Engineer

Date: 16 Dec., 2021

Project No.: JYTSZE2111028



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4 Test Summary

Test Items	Section in CFR 47	Test Data	Result
Antenna requirement	15.203 & 15.247 (b)	See Section 6.1	Pass
AC Power Line Conducted Emission	15.207	See Section 6.2	Pass
Duty Cycle	ANSI C63.10-2013	Appendix A – 2.4G Wi-Fi	Pass
Conducted Peak Output Power	15.247 (b)(3)	Appendix A – 2.4G Wi-Fi	Pass
6dB Emission Bandwidth 99% Occupied Bandwidth	15.247 (a)(2)	Appendix A – 2.4G Wi-Fi	Pass
Power Spectral Density	15.247 (e)	Appendix A – 2.4G Wi-Fi	Pass
Conducted Band Edge	45.047 (-1)	Appendix A – 2.4G Wi-Fi	Pass
Radiated Band Edge	15.247 (d)	See Section 6.6.2	Pass
Conducted Spurious Emission		Appendix A – 2.4G Wi-Fi	Pass
Radiated Spurious Emission	15.205 & 15.209	See Section 6.7.2	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).

Test Method:	ANSI C63.10-2013
rest method.	KDB 558074 D01 15.247 Meas Guidance v05r02



5 General Information

5.1 Client Information

Applicant:	PCD, LLC
Address:	1500 Trade port Drive, Suite A, Orlando. Fl 32824
Manufacturer:	SHENZHEN TOPWELL TECHNOLOGY CO., LTD.
Address:	15/F, Building A1, Qiaode Science & Technology Park, No.7 Road, Hi- Tech Industry Park ,Guangming new district, Shenzhen, China.

5.2 General Description of E.U.T.

Product Name:	4G LTE smart phone	
Model No.:	P50	
Operation Frequency:	2412MHz~2462MHz: 802.11b/802.11g/802.11n(HT20)	
	2422MHz~2452MHz: 802.11n(HT40)	
Channel numbers:	11: 802.11b/802.11g/802.11(HT20)	
	7: 802.11n(HT40)	
Channel separation:	5MHz	
Modulation technology: (IEEE 802.11b)	Direct Sequence Spread Spectrum (DSSS)	
Modulation technology: (IEEE 802.11g/802.11n)	Orthogonal Frequency Division Multiplexing(OFDM)	
Data speed (IEEE 802.11b):	1Mbps, 2Mbps, 5.5Mbps, 11Mbps	
Data speed (IEEE 802.11g):	6Mbps, 9Mbps, 12Mbps, 18Mbps, 24Mbps, 36Mbps, 48Mbps, 54Mbps	
Data speed (IEEE 802.11n):	Up to 150Mbps	
Antenna Type:	Internal Antenna	
Antenna gain:	1.0 dBi	
Power supply:	Rechargeable Li-ion Battery DC3.7V, 2000mAh	
AC adapter:	Model: P50	
	Input: AC100-240V, 50/60Hz, 0.3A	
	Output: DC 5.0V, 1.0A	
Test Sample Condition:	The test samples provided were in good working order with no visible defects.	

Operation Frequency each of channel for 802.11b/g/n(HT20)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz		

Note:

1. For 802.11n-HT40 mode, the channel number is from 3 to 9;

2. Channel 1, 6 & 11 selected for 802.11b/g/n-HT20 as Lowest, Middle and Highest channel. Channel 3, 6 & 9 selected for 802.11n-HT40 as Lowest, Middle and Highest Channel.



5.3 Test environment and mode

Operating Environment:	
Temperature:	24.0 °C
Humidity:	54 % RH
Atmospheric Pressure:	1010 mbar
Test mode:	
Transmitting mode	Keep the EUT in continuous transmitting with modulation

Radiated Emission: The sample was placed 0.8m (below 1GHz)/1.5m (above 1GHz) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages. We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:

Per-scan all kind of data rate, the follow list were t	ne worst case.

Mode	Data rate
802.11b	1Mbps
802.11g	6Mbps
802.11n(HT20)	6.5Mbps
802.11n(HT40)	13.5Mbps

5.4 Description of Support Units

The EUT has been tested as an independent unit.

5.5 Measurement Uncertainty

Parameters	Expanded Uncertainty
Conducted Emission (9kHz ~ 30MHz)	±1.60 dB (k=2)
Radiated Emission (9kHz ~ 30MHz)	±3.12 dB (k=2)
Radiated Emission (30MHz ~ 1000MHz)	±4.32 dB (k=2)
Radiated Emission (1GHz ~ 18GHz)	±5.16 dB (k=2)
Radiated Emission (18GHz ~ 40GHz)	±3.20 dB (k=2)

5.6 Additions to, deviations, 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: <u>https://portal.a2la.org/scopepdf/4346-01.pdf</u>



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 (Below 1 GHz):

Itaalatea Ellisoieli (B					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
10m SAC	ETS-Lindgren	RFSD-100-F/A	Q2005	04-28-2021	04-27-2024
BiConiLog Antenna	SCHWARZBECK	VULB 9168	1249	04-02-2021	04-01-2022
BiConiLog Antenna	SCHWARZBECK	VULB 9168	1250	04-02-2021	04-01-2022
EMI Test Receiver	R&S	ESR 3	102800	04-08-2021	04-07-2022
EMI Test Receiver	R&S	ESR 3	102802	04-08-2021	04-07-2022
Low Pre-amplifier	Bost	LNA 0920N	2016	04-06-2021	04-05-2022
Low Pre-amplifier	Bost	LNA 0920N	2019	04-06-2021	04-05-2022
Cable	Bost	JYT10M-1G-NN-10M	JYT10M-1	04-02-2021	04-01-2022
Cable	Bost	JYT10M-1G-NN-10M	JYT10M-2	04-02-2021	04-01-2022
Test Software	R&S	EMC32	,	Version: 10.50.4	0

Radiated Emission (A	bove 1 GHz):				
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	ETS-Lindgren	RFD-100	Q1984	04-14-2021	04-13-2024
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	9120D-916	03-07-2021	03-06-2022
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1805	06-26-2021	06-25-2022
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
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-03-2021	03-02-2022
Spectrum analyzer	Keysight	N9010B	MY60240202	10-27-2021	10-26-2022
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	Rohde & Schwarz	ENV432	101602	04-06-2021	04-05-2022
LISN	Rohde & Schwarz	ESH3-Z5	843862/010	06-18-2020	06-17-2022
ISN	Schwarzbeck	CAT3 8158	#96	03-03-2021	03-02-2022
ISN	Schwarzbeck	CAT5 8158	#166	03-03-2021	03-02-2022
ISN	Schwarzbeck	NTFM 8158	#126	03-03-2021	03-02-2022
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	V	ersion: 6.110919	b

Conducted method:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
Spectrum Analyzer	Keysight	N9010B	MY60240202	10-27-2021	10-26-2022
Vector Signal Generator	Keysight	N5182B	MY59101009	10-27-2021	10-26-2022
Analog Signal Generator	Keysight	N5173B	MY59100765	10-27-2021	10-26-2022
Power Detector Box	MWRF-test	MW100-PSB	MW201020JYT	11-19-2021	11-18-2022
Simulated Station	Rohde & Schwarz	CMW270	102335	10-27-2021	10-26-2022
RF Control Box	MWRF-test	MW100-RFCB	MW200927JYT	N/A	N/A
PDU	MWRF-test	XY-G10	N/A	N/A	N/A
DC Power Supply	Keysight	E3642A	MY60296194	11-27-2020	11-26-2023
Temperature Humidity Chamber	Deli	8840	N/A	03-08-2021	03-07-2022
Test Software	MWRF-test	MTS 8310	,	Version: 2.0.0.0	



6 Test results and Measurement Data

6.1 Antenna requirement

Standard requirement:	FCC Part 15 C Section 15.203 /247(b)
responsible party shall be us antenna that uses a unique of so that a broken antenna car electrical connector is prohib 15.247(b) (4) requirement: (4) The conducted output po antennas with directional gat section, if transmitting anten power from the intentional ra	be designed to ensure that no antenna other than that furnished by the sed with the device. The use of a permanently attached antenna or of an coupling to the intentional radiator, the manufacturer may design the unit in be replaced by the user, but the use of a standard antenna jack or bited. wer limit specified in paragraph (b) of this section is based on the use of ins that do not exceed 6 dBi. Except as shown in paragraph (c) of this nas of directional gain greater than 6 dBi are used, the conducted output adiator shall be reduced below the stated values in paragraphs (b)(1), ion, as appropriate, by the amount in dB that the directional gain of the
E.U.T Antenna:	
The Wi-Fi antenna is an Inter antenna is 1.0 dBi.	nal antenna which cannot replace by end-user, the best case gain of the



6.2 Conducted Emission

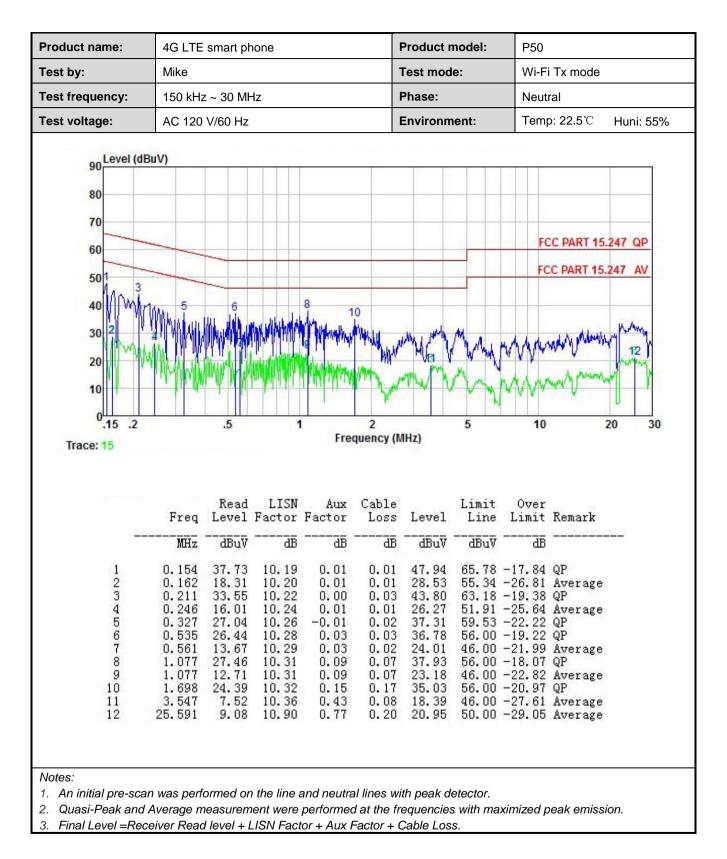
Test Requirement:	FCC Part 15 C Section 15.2	207	
Test Frequency Range:	150 kHz to 30 MHz		
Class / Severity:	Class B		
Receiver setup:	RBW=9 kHz, VBW=30 kHz		
Limit:	Frequency range (MHz)	t (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
	* Decreases with the logarith		
Test procedure	 line impedance stabiliza 50ohm/50uH coupling i The peripheral devices LISN that provides a 50 termination. (Please ref photographs). Both sides of A.C. line a interference. In order to positions of equipment 	brs are connected to the mation network (L.I.S.N.), wight mpedance for the measure are also connected to the Dohm/50uH coupling imperferent to the block diagram of are checked for maximum of find the maximum emission and all of the interface call. 10(latest version) on control of the second seco	hich provides a ing equipment. main power through a dance with 50ohm the test setup and conducted on, the relative bles must be changed
Test setup:		st	er — AC power
Test Instruments:	Refer to section 5.9 for deta	ils	
Test mode:	Refer to section 5.3 for deta	ils	
Test results:	Passed		



Measurement Data:

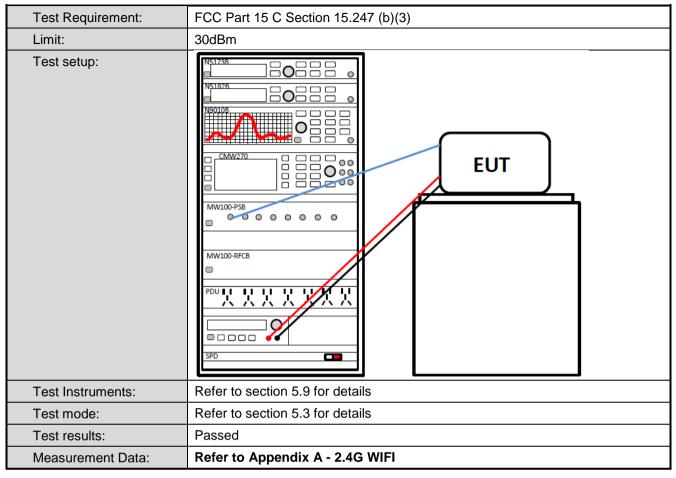
	4G LTE	smart phone			Product r	nodel:	P50		
Test by:	Mike			-	Test mod	le:	Wi-F	ï Tx mode	
Test frequency:	150 kHz	: ~ 30 MHz		1	Phase:		Line		
Fest voltage:	AC 120	V/60 Hz		1	Environm	nent:	Tem	p: 22.5℃	Huni: 55%
80 70 60 50 2 40 30 10	W WW	5 8 M 6 M 7		phin way	n m	MAN	FC	CC PART 15.	247 AV
0.15 .2 Trace: 13		.5	1 Fre	2 equency (N	IHz)	5	10	2	20 30





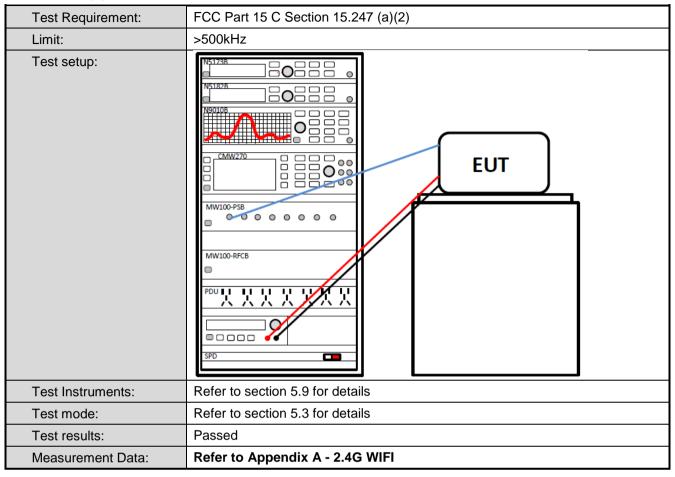


6.3 Conducted Output Power



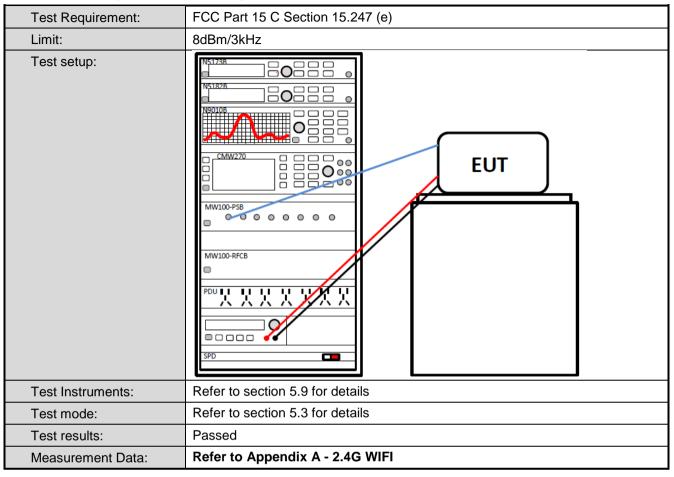


6.4 Occupy Bandwidth





6.5 Power Spectral Density





6.6 Band Edge

6.6.1 Conducted Emission Method

Test Requirement:	FCC Part 15 C Section 15.247 (d)
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph(b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.
Test setup:	
Test Instruments:	Refer to section 5.9 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Measurement Data:	Refer to Appendix A - 2.4G WIFI



6.6.2 Radiated Emission Method

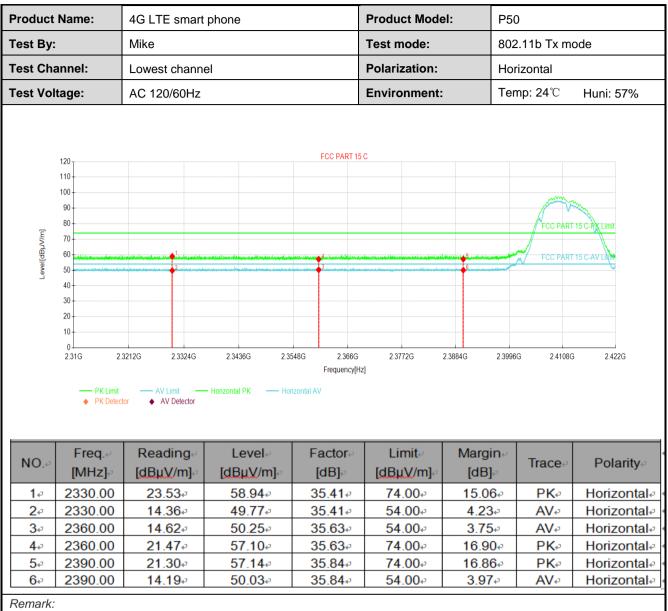
Test Requirement:	FCC Part 15 C Se	ection 15.209	and 15.205		
Test Frequency Range:	2310 MHz to 2390) MHz and 24	83.5 MHz to 2	500 MHz	
Test Distance:	3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Remark
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
	Frequency	RMS	1MHz nit (dBuV/m @	3MHz	Average Value Remark
Limit:			54.00	,	Average Value
	Above 1GH		74.00		Peak Value
Test Procedure:	 the ground at determine the 2. The EUT was antenna, whit tower. 3. The antenna ground to det horizontal an measuremen 4. For each sus and then the and the rota to maximum rea 5. The test-rece Specified Bat 6. If the emission limit specified the EUT wou 10dB margin 	t a 3 meter ca e position of t s set 3 meters ch was moun height is vari- termine the m d vertical pola t. pected emiss antenna was table was turr ading. viver system v ndwidth with I on level of the d, then testing Id be reported would be re-	imber. The tak he highest radi s away from the ted on the top ed from one m aximum value arizations of the ion, the EUT w tuned to heigh ned from 0 deg was set to Peal Maximum Hold EUT in peak r could be stop d. Otherwise th	ble was rotati iation. e interferenc of a variable eter to four r of the field s e antenna ar vas arranged its from 1 me rees to 360 of k Detect Fun I Mode. node was 10 ped and the ne emissions one using pe	-height antenna neters above the strength. Both e set to make the l to its worst case eter to 4 meters degrees to find the ction and dB lower than the peak values of that did not have ak, quasi-peak or
Test setup:	150cm	AE EUT (Turntable)	Horn	Antenna To	wer
Test Instruments:	Refer to section 5	.9 for details			
Test mode:	Refer to section 5	.3 for details			
Test results:	Passed				



802.11b mode:

Product	Name:	4G LTE smart p	hone		Product Mo	del: Pt	50	
Test By:		Mike			Test mode:	80	2.11b Tx mc	de
Test Cha	annel:	Lowest channe			Polarization	: Ve	ertical	
Test Vol	tage:	AC 120/60Hz			Environmer	nt: Te	emp: 24℃	Huni: 57%
Level[dBµV/m]	← PK Lim ◆ PK Det	ector AV Detector	– Vertical PK – Vertica		237726	2.3884G 2.39	FCC PART	15 C-PX LIMIT 15 C-AV LIMIT 15 C-AV LIMIT 2422G
NO.e	Freq.ℯ [MHz]ℯ	Reading⊬ [dBµV/m]∉	Level⊷ [dBµV/m]₀	Factor⊬ [dB]⊬	Limit⊬ [dBµV/m]⊬	Margin∉ [dB]∉	Trace₽	Polarity
1 e	2330.00	22.10 ₽	57.51₽	35.41	74.00⊷	16.49 ₽	PK₽	Vertical
2₽	2330.00	14.77 ₽	50.18 <i>₽</i>	35.41₽	54.00₽	3.82₽	AV₽	Vertical.
3₽	2360.00	14.82₽	50.45₽	35.63₽	54.00₽	3.55₽	AV₽	Vertical⊮
4₄⊃	2360.00	21.94↩	57.57 <i>⊷</i>	35.63₽	74 .00₊ ^₀	16.43₽	PK₽	Vertical _e
5₽	2390.00	<mark>22.57</mark> ₽	58.41 <i>⊷</i>	35.84₽	74.00₊	15.59₽	PK⊷	Vertical ∘
<mark>6</mark> ⊷	2390.00	13.73₽	4 9.57₽	35.84₽	54.00₽	4.43₽	AV	Vertical
Remark:								
			l + Factor(Anten			,	,	
2. The	emission lev	els of other frequ	uencies are lowe	r than the limit	20dB and not	show in test	report.	





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



roauct	Name:	4G LTE smart	phone		Product Mo	del: P5	0	
est By:	:	Mike			Test mode:		802.11b Tx mode	
est Ch	annel:	Highest chann	el		Polarization	: Ve	Vertical Temp: 24℃ Huni: 5	
est Vol	Itage:	AC 120/60Hz			Environmer	nt: Te		
Level[dBjrVm]	120 110 90 80 70 60 50 40 30			FCC PART 15 C		антана, актор <mark>Ф</mark> антана актор со странатана (странатана) актор со странатана (странатана)	FCC PART	15 C-PK Limit
	20 10 2.452G 2 → PK Limit ◆ PK Detect		2.4664G 2.47 – Vertical PK — Vertica	Frequency[Hz]		2.4856G 2.4904	4G 2.4952G	3 25G
NO.+?	10 0 2.452G 2 PK Limit	AV Limit		Frequency[Hz]		2.4856G 2.4904 Margin e [dB]e	4G 2.4952G Trace.₽	
NO.@ 1@	10 2.452G 2 → PK Limit ◆ PK Detect	dor → AV Limit → AV Detector	- Vertical PK Vertica	Frequency[Hz] al AV Factore	Limite	Margin		Polarity
	10 0 2.452G 2 → PK Limit ◆ PK Detec Freq.=0 [MHz],03	AV Limit AV Detector Reading [dBµV/m]-2	– Vertical PK – – Vertica Level⊲ [dBµV/m]ợ	Frequency[Hz]	Limit∉ [dBµV/m]∉	Margin.⊎ [dB]∂	Trace	Polarity- Vertical+
1 ₽	10 2.452G 2 → PK Limit ◆ PK Detec Freq [MHz] 2483.50	AV Limit AV Detector Reading [dBµV/m] 21.20	- Vertical PK → Vertica Level -/ [dBµV/m]+2 56.92+3	Frequency[Hz] al AV Factor⊮ [dB]⊮ 35.72⊮	Limit⊮ [dBµV/m]⊮ 74.00⊷	Margin.∉ [dB].∉ 17.08.∉	Trace.₀ PK.₀	Polarity Vertical₊ Vertical₊
1₽ 2₽	10 2.452G 2 → PK Limit ◆ PK Deter Freq [MHz] 2.483.50 2.483.50	AV Limit AV Detector Reading [dBµV/m]- 21.20+ 13.91+	- Vertical PK	Frequency[Hz] ۱۸۷ Factor [dB]- ² 35.72+ ² 35.72+ ²	Limit. [dBµV/m]. 74.00. 54.00.	Margin.∉ [dB].∉ 17.08₊ 4.37.∉	Trace PKe AVe	Polarity Vertical₊ Vertical₊ Vertical₊
1₽ 2₽ 3₽	10 2.452G 2 → PK Limit ◆ PK Detec Freq [MHZ] 2483.50 2483.50 2489.00	AV Limit AV Detector Reading	- Vertical PK Vertical Level [dBµV/m]+ 56.92+ 49.63+ 49.77+	Frequency[Hz] Factor [dB] 35.72 35.72 35.71	Limit. [dBµV/m]. 74.00. 54.00. 54.00.	Margin.⊷ [dB].∘ 17.08.∘ 4.37.∘ 4.23.∘	Trace PK AV AV	Polarity Vertical Vertical Vertical Vertical Vertical Vertical



roduct	Name:	4G LTE smart	phone		Product Mo	odel: P	50	
est By:	:	Mike			Test mode:	: 80	02.11b Tx m	ode
est Cha	annel:	Highest channe	əl		Polarizatio	n: H	orizontal	
est Vol	tage:	AC 120/60Hz			Environme	nt: Te	emp: 24℃	Huni: 57%
Level(dBµV/m]	120 110 100 90 80 70 60 50 40 30 20 10 0 2452G 2	4568G 2.4616G	24664G 247	FCC PART 15 C	2.4808G	2.4856G 2.49	FCC PAR	T 15 C-PK Limit
	PK Limit		- Horizontal PK — Hor	izontal AV				
NO.43	PK Limit		- Horizontal PK — Hor Level⊶ [dBµV/m]⊷		Limit⊮ [dBµV/m]∘	Margin⊮ [dB]₀	Trace	Polarity₽
NO.∉ 1₽	← PK Limit ◆ PK Deter	tor AV Detector	Level	izontal AV Factor	Limite		Trace.₀ PK.₀	-
	← PK Limit ◆ PK Deter Freq.+ ² [MHz], ²	tor ♦ AV Detector Reading ⊮ [dBµV/m] ⊮	Level⊷ [dBµV/m]↩	izontal AV Factor⊮ [dB]⊷	Limit∉ [dBµV/m]∉	[dB]₽		Horizontal
1 ₽	PK Limit ◆ PK Deter [MHz] 2483.50 2483.50 2489.00	tor ♦ AV Detector Reading ← [dBµV/m] ← 22.26 ← 14.47 ← 13.70 ←	Level- [dBµV/m]↔ 57.98↔ 50.19↔ 49.41↔	izontal AV Factor.↓ [dB]-Ĵ 35.72.↓ 35.72.↓ 35.71.↓	Limit. [dBµV/m]. 74.00. 54.00. 54.00.	[dB]₀ 16.02₀ 3.81₀ 4.59₀	PK↔ AV↔ AV↔	Horizontal Horizontal
1₽ 2₽	 → PK Limit ◆ PK Deter Freq [MHz] 2483.50 2489.00 2489.00 2489.00 	tor ♦ AV Detector Reading (*) [dBµV/m] (*) 22.26+3 14.47+3 13.70+3 22.24+3	Level- [dBµV/m]- 57.98- 50.19- 49.41- 57.95-	izontal AV Factor.⊌ [dB]- ³ 35.72+ ³ 35.72+ ³	Limit⊮ [dBµV/m]⊮ 74.00⊮ 54.00⊮	[dB]. 16.02. 3.81. 4.59. 16.05.	PK↔ AV↔ AV↔ PK↔	Horizontal Horizontal Horizontal
1.≓ 2.≓ 3.≓	PK Limit ◆ PK Deter [MHz] 2483.50 2483.50 2489.00	tor ♦ AV Detector Reading ← [dBµV/m] ← 22.26 ← 14.47 ← 13.70 ←	Level- [dBµV/m]↔ 57.98↔ 50.19↔ 49.41↔	izontal AV Factor.↓ [dB]-Ĵ 35.72.↓ 35.72.↓ 35.71.↓	Limit. [dBµV/m]. 74.00. 54.00. 54.00.	[dB]₀ 16.02₀ 3.81₀ 4.59₀	PK. AV.	Polarity Horizontal Horizontal Horizontal Horizontal Horizontal Horizontal



802.11g mode:

roduct	t Name:	4G LTE smar	t phone		Product Me	odel: P	50	
est By	:	Mike			Test mode	: 8	02.11g Tx m	ode
est Ch	annel:	Lowest chann	iel		Polarizatio	n: V	ertical	
est Vo	Itage:	AC 120/60Hz			Environme	ent: T	emp: 24 ℃	Huni: 57%
Leve[dBjuV/m]	120 110 100 90 80 70 60 50 40 30 20 10 231G 231G 231G PK Limit • PK Detect		2.3436G 2.35 – Vertical PK –– Vertica	FCC PART 15 C	2.3772G	2.3884G 2.39	FCC PART 1 FCC PART 1 96G 24108G	
NO.@	Freq.⊬ [MHz]⊮	Reading⊮ [dBµV/m]⊮	Level⊮ [dBµV/m]⊮	Factor₊ [dB]₊	Limit⊬ [dBµV/m]⊮	Margin₊ [dB]∂	Trace	Polarity
1 ₽	[MHz] <i>₀</i> 2330.00	[dBµV/m]∂ 21.12₽	[dBµV/m]₀ 56.53₽	[dB]∉ 35. <mark>4</mark> 1∉	[dBµV/m]₀ 74.00₀	[dB]⊘ 17.47₽	PK₽	Vertical.
1∉ 2∉	[MHz]. 2330.00 2330.00	[dBµV/m]- 21.12- 15.12-	[dBµV/m]. 56.53. 50.53.	[dB].₀ 35.41.₀ 35.41.₀	[dBµV/m].₀ 74.00₊⁰ 54.00₊⁰	[dB]₀ 17.47₊₀ 3.47₊₀	PKe ³ AVe ³	Vertical∉ Vertical∉
1.≓ 2.≓ 3.≓	[MHz] 2330.00 2330.00 2360.00	[dBµV/m]- 21.12- 15.12- 14.10-	[dBµV/m]. 56.53. 50.53. 49.73.	[dB]- 35.41.₽ 35.41.₽ 35.63₽	[dBµV/m]. 74.00. 54.00. 54.00.	[dB]⇒ 17.47↓ 3.47↓ 4.27↓	PKe AVe AVe	Vertical∉ Vertical∉ Vertical∉
1∉ 2∉ 3∉ 4₽	[MHz] 2330.00 2330.00 2360.00 2360.00	[dBµV/m]↓ 21.12↓ 15.12↓ 14.10↓ 22.37↓	[dBµV/m].⇒ 56.53.↔ 50.53.↔ 49.73.↔ 58.00.↔	[dB]- ³ 35.41- ³ 35.63- ³ 35.63- ³	[dBµV/m]. 74.00. 54.00. 54.00. 74.00.	[dB] 17.47 3.47 4.27 16.00 4.27	PK+2 AV+2 AV+2 PK+2	Vertical Vertical Vertical Vertical Vertical
1.₽ 2₽ 3₽	[MHz] 2330.00 2330.00 2360.00	[dBµV/m]- 21.12- 15.12- 14.10-	[dBµV/m]. 56.53. 50.53. 49.73.	[dB]- 35.41.₽ 35.41.₽ 35.63₽	[dBµV/m]. 74.00. 54.00. 54.00.	[dB]⇒ 17.47↓ 3.47↓ 4.27↓	PKe AVe AVe	Polarity Vertical Vertical Vertical Vertical Vertical Vertical



Product	Name:	4G LTE smar	t phone		Product N	lodel:	> 50	
Fest By:	:	Mike			Test mod	e:	302.11g Tx r	node
Test Cha	annel:	Lowest chann	el		Polarizati	on:	Horizontal	
Fest Vol	ltage:	AC 120/60Hz			Environm	ent:	Temp: 24 ℃	Huni: 57%
Leve[dBµV/m]	120 110 100 90 80 70 60 60 40			FCC PART 15 C			FCC PART FCC PART	15 С-Ри-цара 15 С-АУ Ципа
	← PK Limit ◆ PK Detec	tor	– Horizontal PK – Hor	548G 2.366G Frequency[Hz] izontal AV		2 3884G 2 35	96G 2.4108G	5 2.422G
NO.e	20 10 2.31G 2.	AV Limit		Frequency[Hz]		2.3884G 2.36 Margin⊮ [dB]₽	96G 2.4108C	2.422G Polarity≓
NO.≁ 1≁	20 10 0 231G 2 → PK Limit ◆ PK Detec	or → AV Limit → AV Detector	– Horizontal PK – Hor Level	Frequency[Hz] izontal AV Factor	Limite	Margin⊮		
1₽ 2₽	20 10 0 2.31G 2. → PK Limit ◆ PK Detec	AV Limit → AV Detector Reading ← [dBµV/m] ← 21.96 ← 14.49 ←	Horizontal PK — Hor Level ⊷ [dBµV/m]⊷	Frequency(Hz) izontal AV Factor [dB] 35.41 35.41	Limit∉ [dBµV/m]∉	Margin⊮ [dB]₽	Trace	Polarity₀
1 ₽	20 10 2316 2. → PK Limit ◆ PK Detec Freq.= [MHz].= 2330.00 2330.00 2360.00	AV Limit	- Horizontal PK → Hori Level [dBµV/m] 57.37 49.90+ 50.93+	Frequency[Hz] izontal AV Factor [dB] 35.41 35.41 35.63	Limite [dBµV/m]e 74.00e 54.00e	Margin⊮ [dB]⊎ 16.63₽ 4.10₽ 3.07₽	Trace ·· PK·· AV·· AV··	Polarity Horizontal Horizontal Horizontal
1₽ 2₽	20 10 2316 2. → PKLimit ◆ PKDetec Freq [MHz] 2330.00 2360.00 2360.00	AV Limit	- Horizontal PK	Frequency[Hz] izontal AV Factor + [dB]- 35.41+- 35.63+ 35.63+ 35.63+	Limit. [dBµV/m]. 74.00. 54.00. 54.00.	Margin - [dB]- 16.63- 4.10- 3.07- 16.34-	Trace PK AV AV AV PK	Polarity Horizontal Horizontal Horizontal Horizontal
1.₀ 2.₀ 3.₀	20 10 2316 2. → PK Limit ◆ PK Detec Freq.= [MHz].= 2330.00 2330.00 2360.00	AV Limit	- Horizontal PK → Hori Level [dBµV/m] 57.37 49.90+ 50.93+	Frequency[Hz] izontal AV Factor [dB] 35.41 35.41 35.63	Limite [dBµV/m]e 74.00e 54.00e	Margin⊮ [dB]⊎ 16.63₽ 4.10₽ 3.07₽	Trace ·· PK·· AV·· AV··	Polarity∞ Horizontal Horizontal Horizontal



roduct	Name:	4G LTE smar	t phone		Product Mo	odel:	P50	
est By	1	Mike			Test mode:		802.11g Tx r	node
est Ch	annel:	Highest chan	nel		Polarizatio	n:	Vertical	
est Vo	tage:	AC 120/60Hz			Environme	nt:	Temp: 24 ℃	Huni: 57%
Level(dBj.JV/m]	PK Limit		24664G 2.47 – Vertical PK – Vertical	FCC PART 15 C	2.4808G	2.4856G 2.49	5	15 C-PK Limit
	PK Detect	tor AV Detector						
NO.₽	 PK Detect Freq [MHz]₀ 	or ♦ AV Detector Reading⊮ [dBµV/m]⊮	Level≓ [dBµV/m]₽	Factor⊮ [dB]⊭	Limit⊮ [dBµV/m]⊮	Margin∉ [dB]₽	Trace	Polarity∉
NO.¢ 1₽	Freq. ^{,,,,}	Reading				-	Trace. PK.	
	Freq.₊ [MHz]₊	Reading⊮ [dBµV/m]₽	<mark>[dBµV/m]</mark> ∂	[dB]₀	[dBµV/m]₀	[dB]∂		Vertical⊮
1 ₽	Freq.∉ [MHz]₂ 2483.50	Reading⊮ [dBµV/m]⊮ 22.82₽	[dBµV/m]⊮ 58.54⊮	[dB]∉ 35.72∉	[dBµV/m]₀ 74.00₀	[dB]∞ 15.46⊷	PK.	Vertical∉ Vertical∉
1₽ 2₽	Freq.∉ [MHZ]≠ 2483.50 2483.50	Reading [dBµV/m] 22.82 14.62	[dBµV/m]∞ 58.54∞ 50.34∞	[dB] <i>₀</i> 35.72 <i>₀</i> 35.72 <i>₀</i>	[dBµV/m]₀ 74.00₀ 54.00₀	[dB]∂ 15.46₽ 3.66₽	PK. AV.	Polarity Vertical Vertical Vertical Vertical
1.₽ 2₽ 3₽	Freq.↔ [MHz]→ 2483.50 2483.50 2489.00	Reading. [dBµV/m]. 22.82. 14.62. 14.53.	[dBµV/m]↔ 58.54↔ 50.34↔ 50.24↔	[dB] 35.72 35.72 35.71	[dBµV/m]. 74.00. 54.00. 54.00.	[dB]∞ 15.46↔ 3.66↔ 3.76↔	PK ₄ 2 AV ₄ 2 AV ₄ 2	Vertical Vertical Vertical



roduct	Name:	4G LTE smart	phone		Product I	Model:	P50	
est By	:	Mike			Test mod	le:	802.11g Tx n	node
est Ch	annel:	Highest chanr	iel		Polarizat	ion:	Horizontal	
est Vo	Itage:	AC 120/60Hz			Environn	nent:	Temp: 24 ℃	Huni: 57%
Level(dBµV/m)	120 110 100 90 80 70 60 50 40 30 20 10 0 2.452G	2.4568G 2.4616G		FCC PART 15 C	2.4808G	2.4856G 2	FCC PART	F15 C-PK Limit
	PK Dete	ctor						
NO.₽		<pre>k AV Detector AV Detector Reading [dBµV/m]→</pre>	Level⊮ [dBµV/m]₽	Factor⊮ [dB]⊮	Limit⊮ [dBµV/m]⊮	Margin [dB]⊲	e ⁴ Tracee	Polarity
1 ₽	 ▶ PK Dett Freq. [MHz] 2483.50 	Reading⊸ [dBµV/m]⊸ 21.61⊷	[dBµV/m]⊮ 57.33⊮	[dB] <i>₀</i> 35.72₊	[dBµV/m]₀ 74.00₀	[dB] 16.67₊	PK⊷	Horizonta
1₽ 2₽	 ▶ PK Det Freq.+ [MHz]- 2483.50 2483.50 	Reading⊮ [dBµV/m]∞ 21.61∞ 14.90∞	[dBµV/m]∞ 57.33↩ 50.62↩	[dB]∘ 35.72₊ 35.72₊	[dBµV/m]₀ 74.00↔ 54.00↔	[dB]∘ 16.67₊ 3.38₊	PK↔ AV↔	Horizonta Horizonta
1.₽ 2₽ 3₽	 ▶ PK Det Freq. [MHz]- 2483.50 2483.50 2489.00 	Reading- [dBµV/m]- 21.61- 14.90- 13.93-	[dBµV/m]-> 57.33-> 50.62-> 49.64+>	[dB] <i>₀</i> 35.72 <i>₀</i> 35.72 <i>₀</i> 35.71 <i>₀</i>	[dBµV/m].» 74.00.« 54.00.« 54.00.«	[dB] 16.67+ 3.38+ 4.36+	PKe AVe AVe	Horizonta Horizonta Horizonta
1∉ 2∉ 3∉ 4₽	 ▶ PK Det Freq. [MHz] 2483.50 2483.50 2489.00 2489.00 	Reading- [dBµV/m]- 21.61- 14.90- 13.93- 22.89-	[dBµV/m]→ 57.33↔ 50.62↔ 49.64↔ 58.60↔	[dB] 35.72 35.72 35.71 35.71 35.71 €	[dBµV/m].» 74.00.» 54.00.» 54.00.» 74.00.»	[dB] 16.67+ 3.38+ 4.36+ 15.40+	PKe AVe AVe PKe	Horizontal Horizonta Horizonta Horizonta
1.₽ 2₽ 3₽	 ▶ PK Det Freq. [MHz]- 2483.50 2483.50 2489.00 	Reading- [dBµV/m]- 21.61- 14.90- 13.93-	[dBµV/m]-> 57.33-> 50.62-> 49.64+>	[dB] <i>₀</i> 35.72 <i>₀</i> 35.72 <i>₀</i> 35.71 <i>₀</i>	[dBµV/m].₀ 74.00.₀ 54.00.₀ 54.00.₀	[dB] 16.67+ 3.38+ 4.36+	PKe AVe AVe PKe PKe PKe PKe	Polarity Horizontal Horizontal Horizontal Horizontal Horizontal Horizontal

Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
 The emission levels of other frequencies are lower than the limit 20dB and not show in test report.



802.11n(HT20):

oduct	Name:	4G LTE smart p	hone		Product Mo	del: P	50	
est By:	:	Mike			Test mode:	80)2.11n(HT20)) Tx mode
est Ch	annel:	Lowest channel			Polarization	: Ve	ertical	
est Vo	Itage:	AC 120/60Hz			Environmen	it: Te	emp: 24℃	Huni: 57%
Level[dBµV/m]	120 110 100 90 80 70 60 90 80 70 90 80 70 90 80 70 90 80 70 90 80 70 90 80 70 90 80 70 90 80 70 90 80 70 90 80 70 90 80 70 90 80 70 90 80 90 80 90 80 90 80 90 80 90 80 90 80 90 80 90 80 90 90 80 90 90 80 90 90 80 90 90 90 90 90 90 90 90 90 9		2.3436G 2.35	Frequency[Hz]	23772G	23884G 2.39		15 C-AV Limi
NO.@	Freq.₊ [MHz]₊	Reading	Level⊮ [dBµV/m]⊮	Factor⊎ [dB]⊮	Limit⊭ [dBµV/m]₽	Margin⊬ [dB]⊮	Trace	Polarity
NO.∘ 1ℯ	[MHz] 2330.00	Reading⊮ [dBµV/m]⊮ 22.29₽	[dBµV/m]⊮ 57.70⊮		[dBµV/m]₀ 74.00₊	[dB]⊮ 16.30₽	Trace.	Vertical
1₽ 2₽	[MHz] 2330.00 2330.00	Reading [dBµV/m] 22.29 14.84	[dBµV/m]↩ 57.70↩ 50.25↩	[dB]∘ 35.41₊ 35.41₊	[dBµV/m].₀ 74.00.₀ 54.00.₀	[dB]∉ 16.30∉ 3.75₽	PKe AVe	Vertical. Vertical
1₽ 2₽ 3₽	[MHz] 2330.00 2330.00 2360.00	Reading [dBµV/m] 22.29 14.84 14.84 14.48	[dBµV/m]- 57.70- 50.25- 50.11-	[dB]# 35.41# 35.41# 35.63#	[dBµV/m]-> 74.00+> 54.00+> 54.00+>	[dB].₀ 16.30.₀ 3.75.₀ 3.89.₀	PK↔ AV↔ AV↔	Vertical Vertical Vertical
1₽ 2₽ 3₽ 4₽	[MHz] 2330.00 2330.00 2360.00 2360.00	Reading [dBµV/m] 22.29 14.84 14.48 22.90	[dBµV/m]≠ 57.70÷ 50.25÷ 50.11÷ 58.53÷	[dB] 35.41 35.63 35.63 35.63	[dBµV/m]. 74.00. 54.00. 54.00. 74.00.	[dB] <u>16.30</u> <u>3.75</u> <u>3.89</u> <u>15.47</u>	PKe AVe AVe PKe	Vertical Vertical Vertical Vertical
1₽ 2₽ 3₽	[MHz] 2330.00 2330.00 2360.00	Reading [dBµV/m] 22.29 14.84 14.48 22.90 21.54	[dBµV/m]- 57.70- 50.25- 50.11-	[dB]# 35.41# 35.41# 35.63#	[dBµV/m]-> 74.00+> 54.00+> 54.00+>	[dB].₀ 16.30.₀ 3.75.₀ 3.89.₀	PK↔ AV↔ AV↔	Polarity Vertical Vertical Vertical Vertical Vertical Vertical







roduci	Name:	4G LTE smai	rt phone		Product M	/lodel:	P50	
est By	:	Mike			Test mod	e:	802.11n(HT2	0) Tx mode
est Ch	annel:	Highest chan	nel		Polarizati	on:	Vertical	
est Vo	Itage:	AC 120/60Hz			Environm	ent:	Temp: 24℃	Huni: 57%
لـ evel(dBL/V)	120 110 100 90 80 70 60 50 40 30 20 10			FCC PART 15			FCC PART	15 C-PK Limit
	01 2452G 2.4 → PK Limit ♦ PK Detect		2.4664G 2.4 — Vertical PK — Vertic	112G 2.476G Frequency[Hz al AV	2.4808G	2.4856G 2.4	904G 2.4952G	2.5G
NO.¢	PK Limit	AV Limit		Frequency[Hz		2.4856G 2.4 Margin.√ [dB]⊃		_
NO.∻ 1₽	← PK Limit ◆ PK Deted	or → AV Limit → AV Detector	– Vertical PK – Vertic	Frequency[Hz ał AV Factor⊷	Limite	Margin⊭		Polarity∉
	← PK Limit ◆ PK Detect Freq.** [MHz]-?	or AV Limit	– Vertical PK –– Vertic Level⊋ [dBµV/m]-2	Frequency[Hz al AV Factor⊷ [dB]⊷	Limit⊮ [dBµV/m]∘	Margin.∉ [dB]₀	Trace	Polarity.∉ Vertical⊷
1 ₽	PK Limit ◆ PK Deted Freq.↔ [MHz]→ 2483.50	AV Limit AV Detector Reading ← [dBµV/m] ← 22.33 ←	Vertical PK → Vertic Level- [dBµ,V/m]- 58.05+3	Frequency[Hz al AV Factor⊮ [dB]⊮ 35.72₽	Limit⊮ [dBµV/m]⊮ 74.00∗	Margin⊮ [dB]∞ 15.95₊	Trace. PK.	Polarity Vertical⊷ Vertical
1₽ 2₽	→ PKLimit → PKDeted Freq.4/ [MHZ]-/ 2483.50 2483.50	AV Limit → AV Detector Reading	- Vertical PK Vertical Level₊→ [dBµV/m]→ 58.05₊→ 49.89₊→	Frequency[Hz al AV Factor [dB]- ² 35.72+ ² 35.72+ ²	Limit⊮ [dBµV/m]₽ 74.00₽ 54.00₽	Margin.∉ [dB]∘ 15.95¢ 4.11¢	Trace PK AV	256 Polarity∞ Vertical∞ Vertical∞ Vertical∞ Vertical∞
1₽ 2₽ 3₽	PKLimit ◆ PK Detect Freq.4/ [MHz]-/ 2483.50 2483.50 2489.00	AV Limit AV Detector Reading.√ [dBµV/m].0 22.33.0 14.17.0 14.05.0	– Vertical PK – Vertica Level - √ [dBµV/m]- ∞ 58.05+ 3 49.89+ 3 49.76+ 3	Frequency[Hz al AV Factor [dB]. ² 35.72. ² 35.72. ² 35.71. ²	Limit.• [dBµV/m]• 74.00• ³ 54.00• ³ 54.00• ³	Margin.↓ [dB]→ 15.95↓ 4.11↓ 4.24↓	Trace PK AV AV	Polarity∉ Vertical∉ Vertical∉ Vertical∉



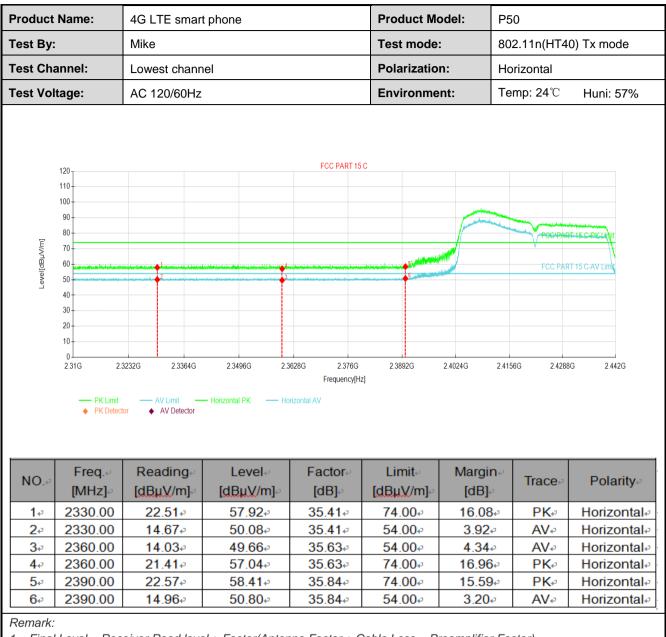
	Name:	4G LTE smar	t phone		Product Mo	odel:	P50	
Test By:	:	Mike			Test mode:	: 8	302.11n(HT2	20) Tx mode
Test Ch	annel:	Highest chan	nel		Polarizatio	n: H	Iorizontal	
Test Vol	tage:	AC 120/60Hz			Environme	nt:	Гетр: 24 ℃	Huni: 57%
Level[dBµV/m]	120 110 100 90 80 70 60 50 40 30 20			FCC PART 15 C			FCC PART	F15 C-PK Limit
	10 0 2.452G 2.4 → PK Limit ♦ PK Detect		2.4664G 2.47 - Horizontal PK — Hor	12G 2.476G Frequency[Hz] izontal AV	2.4808G	2.4856G 2.490	04G 2.4952C	3 25G
NO.43	0 2.452G 2.4	AV Limit		Frequency[Hz]	2.4808G	2.4856G 2.49 Margin⊶ [dB]•	04G 2.49520 Trace₽	a 256 Polarity⊷
NO.∉ 1₽	0 2.452G 2.4 → PK Limit ♦ PK Detect	or → AV Limit → AV Detector	– Horizontal PK – Hor Level	Frequency[Hz]	Limite	Margine		
	0 2452G 2.4 → PK Limit ♦ PK Detect	AV Limit AV Detector Reading [dBµV/m]	- Horizontal PK — Hor Level⊷ [dBµV/m]⊷	Frequency[Hz] izontal AV Factor⊷ [dB]⊷	Limit⊮ [<u>dBµV</u> /m]⊮	Margin⊮ [dB]₀	Trace₽	Polarity₀
1 @	0 2452G 2.4 → PK Limit ◆ PK Detect Freq.≁ [MHz]→ 2483.50	AV Limit → AV Detector Reading [dBµV/m] 21.93	- Horizontal PK — Hor Level [dBµV/m] 57.65+-	Frequency[Hz] izontal AV	Limit⊮ [dBµV/m]⊮ 74.00₽	Margin-⊮ [dB]∉ 16.35⊷	Trace.₀ PK.₀	Polarity⊮ Horizontal⊮ Horizontal⊮
1∉ 2∉	0 24526 2.4 → PK Limit ◆ PK Detect Freq.& [MHZ]- 2483.50 2483.50	AV Limit	- Horizontal PK	Frequency(Hz) izontal AV Factor [dB] 35.72+ 35.72+	Limite [dBµV/m]e 74.00e 54.00e	Margin⊮ [dB]⊭ 16.35₽ 3.88₽	Trace. PK. AV.	Polarity⊭ Horizontal⊮
1₽ 2₽ 3₽	24526 2.4 → PK Limit → PK Detect Freq.4/ [MHz]-/ 2483.50 2483.50 2483.50 2489.00	AV Limit AV Detector Reading [dBµV/m] 21.93 14.40 13.97	- Horizontal PK	Frequency(Hz)	Limit. [dBµV/m]. 74.00. 54.00.	Margin.↓ [dB]↓ 16.35↓ 3.88↓ 4.32↓	Trace PK AV AV	Polarity Horizontal Horizontal Horizontal



802.11n(HT40):

	Name:	4G LTE smart	phone		Product M	lodel:	P50	
est By	:	Mike			Test mode	e :	802.11n(HT4	0) Tx mode
est Ch	annel:	Lowest channe)		Polarizatio	on:	Vertical	
est Vo	Itage:	AC 120/60Hz			Environme	ent:	Temp: 24 ℃	Huni: 57%
Level(dBµV/m)	120 110 90 80 70 60 50 40 30 20 10		4 3	FCC PART 15			FCC PART 1	
	0⊥ 2.31G → PK Lim ♦ PK Def		2.3496G 2.3 — Vertical PK — Vertic	628G 2.376G Frequency[Hz al AV	2.3892G	2.4024G 2.4	1 156G 2.4288G	2.442G
NO.*	2.31G PK Lim PK Det	t — AV Limit —		Frequency[Hz		± 2.4024G 2.4 Margin.∉ [dB]₀		2.442G
NO.₽ 1₽	2.31G PK Lim PK Del	t — AV Limit — ◆ AV Detector Readinge	– Vertical PK – Vertic	Frequency[Hz al AV Factor	Limit.	Margin∉		
	2.31G → PK Lim → PK Def	t — AV Limit ◆ AV Detector Reading ↓ [dBµV/m] ↓	– Vertical PK –– Vertic Level₊ [dBµV/m]₊⊃	Frequency[Hz al AV Factor.e↓ [dB].e⊃	Limit⊬ [dBµV/m]⊬	Margin.∉ [dB]∉	Trace	Polarity⊮ Vertical⊮
1₽ 2₽ 3₽	2316 → PK Lim → PK Def Freq. 4 [MHz].0 2330.00 2330.00 2360.00	t AV Limit → AV Detector Reading	Level- [dBµV/m]- 57.94- 49.68- 50.07-	Frequency[Hz al AV Factor [dB] 35.41 35.41 35.63	Limit. [dBµV/m] 74.00 54.00 54.00	Margin.↓ [dB]→ 16.06↔ 4.32↔ 3.93↔	Trace₀ PK₀ AV₀ AV₀	Polarity Vertical Vertical Vertical
1₽ 2₽ 3₽ 4₽	231G → PKLim → PKDel Freq.4 [MHz]- 2330.00 2330.00 2360.00 2360.00	t → AV Limit → AV Detector	Vertical PK Vertical Level - ^J [dBµV/m] - ^J 57.94 - ^J 49.68 - ^J 50.07 - ^J 58.06 - ^J	Frequency[Hz al AV Factor⊷ [dB].∞ 35.41.∞ 35.63.∞ 35.63.∞ 35.63.∞	Limit [dBµV/m] 74.00 54.00 54.00 74.00	Margin.4 [dB]- 16.06- 4.32- 3.93- 15.94-	Trace PK+ ² AV+ ² AV+ ² PK+ ²	Polarity Vertical Vertical Vertical Vertical
1₽ 2₽ 3₽	2316 → PK Lim → PK Def Freq. 4 [MHz].0 2330.00 2330.00 2360.00	t AV Limit → AV Detector Reading	Level- [dBµV/m]- 57.94- 49.68- 50.07-	Frequency[Hz al AV Factor [dB] 35.41 35.41 35.63	Limit. [dBµV/m] 74.00 54.00 54.00	Margin.↓ [dB]→ 16.06↔ 4.32↔ 3.93↔	Trace₀ PK₀ AV₀ AV₀	Polarity





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



ouuci	Name:	4G LTE sma	rt phone		Product Mo	del:	P50	
est By:		Mike			Test mode:		802.11n(HT	40) Tx mode
est Cha	annel:	Highest chan	nel		Polarization	:	Vertical	
est Vol	tage:	AC 120/60Hz			Environmer	nt:	Temp: 24 °C	Huni: 57%
Levei[dBµV/m]	120 110 90 90 80 70 60 50 40 30 20 10 0 2432G 2432G 24	388G 2 4456G	245246 245	FCC PART 15 (2.47286	24796G 248		15 C-PK Limit
	← PK Limit ◆ PK Detector	or AV Detector 	– Vertical PK – Vertica					
NO. 40	PK Limit		- Vertical PK → Vertica Level⊷ [dBµV/m]⊷	al AV Factor⊷ [dB]⊷	Limit⊮ [dBµV/m]⊮	Margin⊮ [dB]₀	Trace	Polarity₊
NO.∉ 1₽	PK Limit PK Detectr	rr ♦ AV Detector Reading	Level⊬	Factor⊭		_	Trace- PK+	Polarity∉ Vertical∉
	← PK Limit ◆ PK Detects Freq.≁ [MHz]-2	r ♦ AV Detector Reading [dBµV/m]	Level⊮ [dBµV/m]₽	Factor⊮ [dB]₽	[dBµV/m]₀	[dB]₽		Vertical₊
1 ₽	PK Limit ◆ PK Detect Freq.4 [MHz]→ 2483.50	r ♦ AV Detector Reading [dBµV/m] 25.64+	Level [dBµV/m]⊮ 61.36⊷	Factor.₀ [dB].₀ 35.72.₀	[dBµV/m]₀ 74.00₀	[dB]∂ 12.64₽	PK₽	-
1∉ 2∉	PK Limit	r ♦ AV Detector Reading ↓ [dBµV/m] ↓ 25.64 ↓ 16.56 ↓	Level⊮ [dBµV/m]₽ 61.36₽ 52.28₽	Factor.↓ [dB].↓ 35.72.↓ 35.72.↓	[dBµV/m].₀ 74.00.₀ 54.00.₀	[dB]↩ 12.64↩ 1.72↩	PKe ³ AVe ³	Vertical∉ Vertical∉
1∉ 2∉ 3₽	PK Limit	r ♦ AV Detector Reading [dBµV/m] 25.64 16.56 17.17	Level₊ [dBµV/m]- 61.36+ 52.28+ 52.88+	Factor⊮ [dB]₽ 35.72₽ 35.72₽ 35.71₽	[dBµV/m]. 74.00. 54.00. 54.00.	[dB]⊮ 12.64⊮ 1.72⊮ 1.12⊮	PKe AVe AVe	Vertical∉ Vertical∉ Vertical∉

Final Level = Receiver Read level + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).
 The emission levels of other frequencies are lower than the limit 20dB and not show in test report.



Flouuct	Name:	4G LTE smai	t phone		Product M	odel:	P50	
Test By:	:	Mike			Test mode):	802.11n(HT	40) Tx mode
Test Cha	annel:	Highest chan	nel		Polarizatio	on:	Horizontal	
Test Vol	tage:	AC 120/60Hz	<u>.</u>		Environme	ent:	Temp: 24 ℃	Huni: 57%
Leve[dBµV/m]	120 110 100 90 80 70 60 50 40 30 20 10 0 2,432G 2,442 2,432 2,432 2,432 2,432 2,432 2,432 2,432 2,432 2,432 2,432 2,4444 2,4444 2,4444 2,4444 2,4444 2,4444 2,4444 2,44444 2,44444 2,44444 2,44444444	388G 2.4456G	24524G 245	FCC PART 15 (2.4728G	24796G 2.48	with strangeneration	15 C-PK Limit
NO	PK Limit PK Detector Freq.==		- Horizontal PK Hor Level+1	rizontal AV Factor⊷	Limit	Margin	Trace	Delerity
NO.¢	♦ PK Detect Freq.44 [MHz]43	or ♦ AV Detector Reading⊮ [dBµV/m]₽	Level⊮ [dBµV/m]∞	Factor⊎ [dB]₽	[dBµV/m]∂	[dB]₀	Trace.	Polarity.
1 @	 ▶ PK Detect Freq [MHz]- 2483.50 	AV Detector Reading [dBµV/m] 25.15	Level⊷ [dBµV/m]⊷ 60.87⊷	Factor.∉ [dB].∉ 35.72.₽	[dBµV/m]⊮ 74.00⊮	[dB]∉ 13.13∉	PK₽	Horizontal
1⊭ 2⊭	 ▶ PK Detect Freq [MHz]- 2483.50 2483.50 	or ♦ AV Detector Reading⊮ [dBµV/m]⊮ 25.15+ 16.48+	Level⊮ [dBµV/m]⊮ 60.87₊ 52.20₊	Factor⊮ [dB]₽ 35.72₽ 35.72₽	[dBµV/m]∂ 74.00₽ 54.00₽	[dB]. 13.13. 1.80.	PK∉ AV∉	Horizontale Horizontale
1.0 2.0 3.0	 ▶ PK Detect Freq [MHz] 2483.50 2483.50 2489.00 	x AV Detector Reading.⊮ [dBµV/m].⊮ 25.15.€ 16.48.⊷ 15.29.⊷	Level- [dBµV/m]- 60.87- 52.20- 51.00-	Factor.↓ [dB].↓ 35.72.↓ 35.72.↓ 35.71.↓	[dBµV/m]. 74.00. 54.00. 54.00.	[dB]∞ 13.13₽ 1.80₽ 3.00₽	PKe AVe AVe	Horizontal Horizontal Horizontal
1∉ 2∉	 ▶ PK Detect Freq [MHz]- 2483.50 2483.50 	or ♦ AV Detector Reading⊮ [dBµV/m]⊮ 25.15+ 16.48+	Level⊮ [dBµV/m]⊮ 60.87₊ 52.20₊	Factor⊮ [dB]₽ 35.72₽ 35.72₽	[dBµV/m]∂ 74.00₽ 54.00₽	[dB]. 13.13. 1.80.	PK∉ AV∉	Horizontal Horizontal

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



6.7 Spurious Emission

6.7.1 Conducted Emission Method

Test Requirement:	FCC Part 15 C Section 15.247 (d)
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph(b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.
Test setup:	
Test Instruments:	Refer to section 5.9 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Measurement Data:	Refer to Appendix A - 2.4G WIFI



6.7.2 Radiated Emission Method

Test Requirement:	FCC Part 15 C Se	ction 15	.209 ar	nd 15.205			
Test Frequency Range:	9kHz to 25GHz						
Test Distance:	3m or 10m						
Receiver setup:	Frequency	Dete	ctor	RBW	V	BW	Remark
'	30MHz-1GHz Quasi-		-peak	120KHz	300KHz		Quasi-peak Value
	Above 1GHz	Pea	ak	1MHz	31	ЛНz	Peak Value
	Above TGHZ	RM	1S	1MHz	31	ЛНz	Average Value
Limit:	Frequency		Limit	(dBuV/m @10)m)		Remark
	30MHz-88MH			30.0			uasi-peak Value
	88MHz-216MH			33.5		Quasi-peak Value	
	216MHz-960M			36.0		1	uasi-peak Value
	960MHz-1GH	Z		44.0		Q	uasi-peak Value
	Frequency		Limi	t (dBuV/m @3	m)		Remark
	Above 1GHz	2		54.0			Average Value
				74.0	<u> </u>		Peak Value
Test Procedure:	 The EUT was placed on the top of a rotating table 0.8m(bel 1GHz)/1.5m(above 1GHz) above the ground at a 10 meter chaml (below 1GHz)or 3 meter chamber(above 1GHz). The table was rotat 360 degrees to determine the position of the highest radiation. The EUT was set 10 meters(below 1GHz) or 3 meters(above 1GH away from the interference-receiving antenna, which was mounted the top of a variable-height antenna tower. 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 th measurement. For each suspected emission, the EUT was arranged to its worst cass and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find to maximum reading. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. If the emission level of the EUT in peak mode was 10dB lower than th limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not hav 10dB margin would be re-tested one by one using peak, quasi-peak average method as specified and then reported in a data sheet. 					0 meter chamber table was rotated adiation. ters(above 1GHz) was mounted on heters above the trength. Both e set to make the to its worst case ter to 4 meters legrees to find the ction and dB lower than the peak values of that did not have ak, quasi-peak or	
Test setup:	Below 1GHz		4m > 1m>			Ante Searc Anter RF Test Receive	nna

Project No.: JYTSZE2111028



Report No: JYTSZB-R12-2102485

	Horn Artenna Tower Horn Artenna Tower Horn Artenna Tower Ground Reference Plane Test Receiver
Test Instruments:	Refer to section 5.9 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	 Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis is the worst case. 9 kHz to 30MHz is lower than the limit 20dB, so only shows the data of above 30MHz in this report.



Measurement Data (worst case):

Below 1GHz:

Product Name:	4G LTE smart phon	Product	Model:	P50			
Test By:	Mike	Test mo	Test mode:		Wi-Fi Tx mode		
Test Frequency:	30 MHz ~ 1 GHz	Polarizat	Polarization:		rizontal		
Test Voltage:	AC 120/60Hz		Environr	Environment:		Huni: 57%	
		Full Spect	trum				
			*		C PART 15.24	17.10m	
	50 60 8	30 100M		300 400 5	500 80	00 1G	
		Freque	ncy in Hz				
■ Frequency↓ (MHz)- 2000000	(dB H V/m) ∂ (dB H	nit↓ Margin↓ V/m)↩ (dB)↩	Height↓ (cm)↩	Pole	Azimuth↓ (deg)⊮	Corr.↓ (dB/m)⊷	
■ 30.0000043 ■ 37.08100043		30.00년 5.41년 30.00년 10.74년	100.0↩ 100.0↩	V.₽ V.₽	0.0≓ 51.0≓	-17.6+ -16.2+	
■ 233.991000+3	21.31∉	36.00∉ 14.69∉	100.0 ∉	V ₄2	0.0 ₊∂	- 16.1 ⊷	
441.959000.		36.00- 16.05- 36.00- 8.01 -	100.0₊ 100.0↓	He	292.0¢	-10.6+ ⁻	
■ 824.236000↔ 920.266000↔		36.00년 8.01년 36.00년 9.69년	100.0↩ 100.0↩	H₽ V₽	352.0⊷ 1.0⊷	-2.7+3 -0.5+3+	
Comorde						r	

Remark:

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



Above 1GHz

			802.11b			
			annel: Lowest ch tector: Peak Valu			
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4824.00	55.89	-9.46	46.43	74.00	27.57	Vertical
4824.00	56.38	-9.46	46.92	74.00	27.08	Horizonta
		Dete	ctor: Average Va	llue		
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4824.00	47.90	-9.46	38.44	54.00	15.56	Vertical
4824.00	48.16	-9.46	38.70	54.00	15.30	Horizonta
			annel: Middle ch			
		Det	tector: Peak Valu			
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4874.00	55.80	-9.11	46.69	74.00	27.31	Vertical
4874.00	56.47	-9.11	47.36	74.00	26.64	Horizonta
	-	Dete	ctor: Average Va	lue		
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4874.00	48.19	-9.11	39.08	54.00	14.92	Vertical
4874.00	48.05	-9.11	38.94	54.00	15.06	Horizonta
		T (.)				
			annel: Highest cł tector: Peak Valu			
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4924.00	55.63	-8.74	46.89	74.00	27.11	Vertical
4924.00	56.20	-8.74	47.46	74.00	26.54	Horizonta
102 1100	00.20	1	ctor: Average Va		20101	TIONZONIC
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4924.00	47.80	-8.74	39.06	54.00	14.94	Vertical
4324.00	1				1	1



			802.11g			
			annel: Lowest ch			
_		De	tector: Peak Valu		T	
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4824.00	56.31	-9.46	46.85	74.00	27.15	Vertical
4824.00	56.80	-9.46	47.34	74.00	26.66	Horizonta
		Dete	ctor: Average Va	lue		
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4824.00	47.48	-9.46	38.02	54.00	15.98	Vertical
4824.00	48.14	-9.46	38.68	54.00	15.32	Horizonta
		Test ch	annel: Middle ch	annel		
	T	De	tector: Peak Valu	le	1	-
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4874.00	56.16	-9.11	47.05	74.00	26.95	Vertical
4874.00	56.16	-9.11	47.05	74.00	26.95	Horizonta
		Dete	ctor: Average Va	alue		
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4874.00	48.36	-9.11	39.25	54.00	14.75	Vertical
4874.00	48.30	-9.11	39.19	54.00	14.81	Horizonta
			annel: Highest cl			
	T	De	tector: Peak Valu	le	T	-
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4924.00	55.54	-8.74	46.80	74.00	27.20	Vertical
4924.00	55.78	-8.74	47.04	74.00	26.96	Horizonta
		Dete	ctor: Average Va	alue		
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4924.00	47.43	-8.74	38.69	54.00	15.31	Vertical
4924.00	48.04	-8.74	39.30	54.00	14.70	Horizonta
	Receiver Read level		er than the limit 20	dB and not show in te	est report	



			802.11n(HT20) annel: Lowest ch	annal		
	Des 11 a st	De	tector: Peak Valu		Manain	
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4824.00	55.72	-9.46	46.26	74.00	27.74	Vertical
4824.00	56.23	-9.46	46.77	74.00	27.23	Horizonta
		Dete	ctor: Average Va	lue		
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4824.00	48.28	-9.46	38.82	54.00	15.18	Vertical
4824.00	48.01	-9.46	38.55	54.00	15.45	Horizonta
		Test ch	annel: Middle ch	annel		
		Det	tector: Peak Valu	IE		
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4874.00	56.27	-9.11	47.16	74.00	26.84	Vertical
4874.00	56.17	-9.11	47.06	74.00	26.94	Horizonta
		Dete	ctor: Average Va	llue		
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4874.00	48.45	-9.11	39.34	54.00	14.66	Vertical
4874.00	48.39	-9.11	39.28	54.00	14.72	Horizonta
		·				
		Test ch	annel: Highest ch	nannel		
			tector: Peak Valu			
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4924.00	55.44	-8.74	46.70	74.00	27.30	Vertical
4924.00	55.96	-8.74	47.22	74.00	26.78	Horizonta
		Dete	ctor: Average Va	llue		
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4924.00	47.93	-8.74	39.19	54.00	14.81	Vertical
4924.00	47.92	-8.74	39.18	54.00	14.82	Horizonta



			802.11n(HT40)			
			annel: Lowest ch			
F		Dei	tector: Peak Valu		Maria	
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4844.00	56.19	-9.32	46.87	74.00	27.13	Vertical
4844.00	56.11	-9.32	46.79	74.00	27.21	Horizonta
		Dete	ctor: Average Va	lue		
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4844.00	48.27	-9.32	38.95	54.00	15.05	Vertical
4844.00	47.91	-9.32	38.59	54.00	15.41	Horizonta
		Test ch	annel: Middle ch	annel		
		Det	ector: Peak Valu	е		
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4874.00	56.52	-9.11	47.41	74.00	26.59	Vertical
4874.00	56.35	-9.11	47.24	74.00	26.76	Horizonta
		Dete	ctor: Average Va	lue		
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4874.00	48.72	-9.11	39.61	54.00	14.39	Vertical
4874.00	48.38	-9.11	39.27	54.00	14.73	Horizonta
		Test cha	annel: Highest ch	annel		
		Det	ector: Peak Valu	е		
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4904.00	55.15	-8.90	46.25	74.00	27.75	Vertical
4904.00	56.41	-8.90	47.51	74.00	26.49	Horizonta
		Dete	ctor: Average Va	lue		
Frequency (MHz)	Read Level (dBuV)	Factor(dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin (dB)	Polarizatio
4904.00	48.24	-8.90	39.34	54.00	14.66	Vertical
4904.00	48.40	-8.90	39.50	54.00	14.50	Horizonta