

Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Report No: CCIS15100080004

FCC REPORT

(WIFI)

Applicant: Infinity System, SL

Address of Applicant:

A-2 KM 48.5 Pol. Ind de Cabanillas. Parcela 12B 19171

Guadalajara (SPAIN)

Equipment Under Test (EUT)

Product Name: Smartphone

Model No.: TM45LM

FCC ID: 2AC99TM45LM

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.247

Date of sample receipt: 19 Oct., 2015

Date of Test: 19 Oct., to 18 Nov., 2015

Date of report issued: 18 Nov., 2015

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 CCIS 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	18 Nov., 2015	Original

Tested by: Date: 18 Nov., 2015

Test Engineer

Reviewed by: (Query Chen Date: 18 Nov., 2015

Project Engineer



3 Contents

			Page
1	CO	VER PAGE	1
2	VEF	RSION	2
3		NTENTS	
4		ST SUMMARY	
5	GEI	NERAL INFORMATION	5
	5.1	CLIENT INFORMATION	5
	5.2	GENERAL DESCRIPTION OF E.U.T.	
	5.3	TEST ENVIRONMENT AND MODE	
	5.4	LABORATORY FACILITY	7
	5.5	LABORATORY LOCATION	7
	5.6	TEST INSTRUMENTS LIST	8
6	TES	ST RESULTS AND MEASUREMENT DATA	9
	6.1	ANTENNA REQUIREMENT:	9
	6.2	CONDUCTED EMISSION	10
	6.3	CONDUCTED OUTPUT POWER	13
	6.4	OCCUPY BANDWIDTH	
	6.5	POWER SPECTRAL DENSITY	
	6.6	BAND EDGE	
	6.6.		
	6.6.		
	6.7 6.7.	GI GINGGO ZIMIGGIGIN	
	6.7.		
	• • • • • • • • • • • • • • • • • • • •		
7	TES	ST SETUP PHOTO	67
8	EU1	CONSTRUCTIONAL DETAILS	68





4 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	15.203/15.247 (c)	Pass
AC Power Line Conducted Emission	15.207	Pass
Conducted Peak Output Power	15.247 (b)(3)	Pass
6dB Emission Bandwidth 99% Occupied Bandwidth	15.247 (a)(2)	Pass
Power Spectral Density	15.247 (e)	Pass
Band Edge	15.247(d)	Pass
Spurious Emission	15.205/15.209	Pass

Pass: The EUT complies with the essential requirements in the standard.



5 General Information

5.1 Client Information

Applicant:	Infinity System, SL
Address of Applicant:	A-2 KM 48.5 Pol. Ind de Cabanillas. Parcela 12B 19171 Guadalajara (SPAIN)
Manufacturer/ Factory:	Infinity System, SL
Address of Manufacturer/ Factory:	A-2 KM 48.5 Pol. Ind de Cabanillas. Parcela 12B 19171 Guadalajara (SPAIN)

5.2 General Description of E.U.T.

Product Name:	Smartphone
Model No.:	TM45LM
Operation Frequency:	2412MHz~2462MHz (802.11b/802.11g/802.11n(H20)) 2422MHz~2452MHz (802.11n(H40))
Channel numbers:	11 for 802.11b/802.11g/802.11(H20) 7 for 802.11n(H40)
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:	-1.67dBi
AC adapter:	Model: T45LMCH Input:100-240V AC, 50/60Hz 0.15A Output:5V DC MAX 1000mA
Power supply:	Rechargeable Li-ion Battery DC3.8V-2400mAh





Operation Frequency each of channel For 802.11b/g/n(H20)							
Channel Frequency Channel Frequency Channel Frequency Channel Frequence							
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz		

Operation Frequency each of channel For 802.11n(H40)								
Channel	Channel Frequency Channel Frequency Channel Frequency Channel Frequency							
4 2427MHz		7	2442MHz					
5 2432MHz 8		2447MHz						
3	2422MHz	6	2437MHz	9	2452MHz			

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

802.11b/802.11g/802.11n (H20)

Channel	Frequency
The lowest channel	2412MHz
The middle channel	2437MHz
The Highest channel	2462MHz

802.11n (H40)

Channel	Frequency
The lowest channel	2422MHz
The middle channel	2437MHz
The Highest channel	2452MHz



Peport No: CCIS15100080004

5.3 Test environment and mode

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

The sample was placed 0.8m 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 in lowest channel, and found the follow list which it was worst case.

Mode	Data rate	
802.11b	1Mbps	
802.11g	6Mbps	
802.11n(H20)	6.5Mbps	
802.11n(H40)	13.5Mbps	

Final Test Mode:

According to ANSI C63.4 standards, the test results are both the "worst case" and "worst setup" 1Mbps for 802.11b, 6Mbps for 802.11g, 6.5Mbps for 802.11n(H20) and 13.5 Mbps for 802.11n(H40). Duty cycle setting during the transmission is 100% with maximum power setting for all modulations.

5.4 Laboratory Facility

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

• FCC - Registration No.: 817957

Shenzhen Zhongjian Nanfang Testing 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 out files. Registration 817957, February 27, 2012.

• IC - Registration No.: 10106A-1

The 3m Semi-anechoic chamber of Shenzhen Zhongjian Nanfang Testing 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 L6048

Shenzhen Zhongjian Nanfang Testing Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L6048.

5.5 Laboratory Location

Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Address: No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road,

Bao'an District, Shenzhen, Guangdong, China

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

Shenzhen Zhongjian Nanfang Testing Co., Ltd.
No. B-C, 1/F., Building 2, Laodong No.2 Industrial Park, Xixiang Road, Bao'an District, Shenzhen, Guangdong, China
Telephone: +86 (0) 755 23118282 Fax: +86 (0) 755 23116366

Page 7 of 68



5.6 Test Instruments list

Radia	Radiated Emission:							
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)		
1	3m SAC	SAEMC	9(L)*6(W)* 6(H)	CCIS0001	08-23-2014	08-22-2017		
2	BiConiLog Antenna	SCHWARZBECK	VULB9163	CCIS0005	03-28-2015	03-28-2016		
3	Horn Antenna	SCHWARZBECK	BBHA9120D	CCIS0006	03-28-2015	03-28-2016		
4	Pre-amplifier (10kHz-1.3GHz)	HP	8447D	CCIS0003	04-01-2015	03-31-2016		
5	Pre-amplifier (1GHz-18GHz)	Compliance Direction Systems Inc.	PAP-1G18	CCIS0011	04-01-2015	03-31-2016		
6	Pre-amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	04-01-2015	03-31-2016		
7	Horn Antenna	ETS-LINDGREN	3160	GTS217	04-01-2015	03-31-2016		
8	Spectrum analyzer 9k-30GHz	Rohde & Schwarz	FSP30	CCIS0023	03-28-2015	03-28-2016		
9	EMI Test Receiver	Rohde & Schwarz	ESRP7	CCIS0167	03-28-2015	03-28-2016		
10	Loop antenna	Laplace instrument	RF300	EMC0701	04-01-2015	03-31-2016		

Cond	Conducted Emission:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)	
1	Shielding Room	ZhongShuo Electron	11.0(L)x4.0(W)x3.0(H)	CCIS0061	11-10-2012	11-09-2015	
2	EMI Test Receiver	Rohde & Schwarz	ESCI	CCIS0002	03-28-2015	03-28-2016	
3	LISN	CHASE	MN2050D	CCIS0074	03-28-2015	03-28-2016	
4	Coaxial Cable	CCIS	N/A	CCIS0086	04-01-2015	03-31-2016	
5	EMI Test Software	AUDIX	E3	N/A	N/A	N/A	



6 Test results and Measurement Data

6.1 Antenna requirement:

Standard requirement: FCC Part 15 C Section 15.203 /247(c)

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.

15.247(c) (1)(i) requirement:

(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

E.U.T Antenna:

The WiFi antenna is an internal antenna which cannot replace by end-user, the best case gain of the antenna is -1.67 dBi.







6.2 Conducted Emission

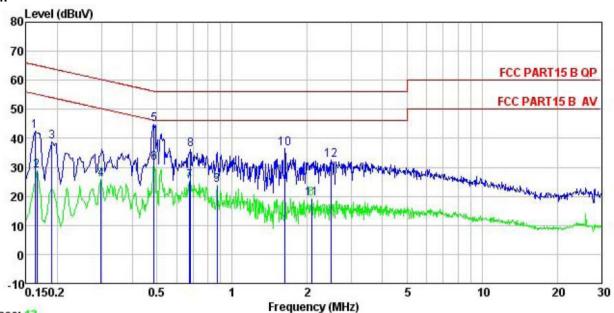
0.2 Conducted Ennis	Conducted Linission					
Test Requirement:	FCC Part 15 C Section 15.207					
Test Method:	ANSI C63.4: 2009					
Test Frequency Range	150 kHz to 30 MHz					
Class / Severity:	Class B					
Receiver setup:	RBW=9 kHz, VBW=30 kHz					
Limit:	Frequency range (MHz) Limit (dBuV)					
	Quasi-peak Average					
	0.15-0.5 66 to 56* 56 to 46*					
	0.5-5 56 46					
	* Decreases with the logarithm of the frequency.					
Test procedure Test setup:	 The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.), which provides a 50ohm/50uH coupling impedance for the measuring equipment. 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). 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: 2009 on conducted measurement. 					
rost setap.	Reference Plane LISN 40cm 80cm Filter AC power Equipment E.U.T Remark: E.U.T: Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m					
Test Uncertainty:	±3.28 dB					
Test Instruments:	Refer to section 5.6 for details					
Test mode:	Refer to section 5.3 for details					
Test results:	Passed					

Measurement Data





Neutral:



Trace: 13

Site

: CCIS Shielding Room : FCC PART15 B QP LISN NEUTRAL Condition

: Smartphone : TM45LM EUT Test Mode : WIFI mode
Power Rating : AC120/60Hz
Environment : Temp: 23 °C Huni:56% Atmos:101KPa
Test Engineer: YT
Remark

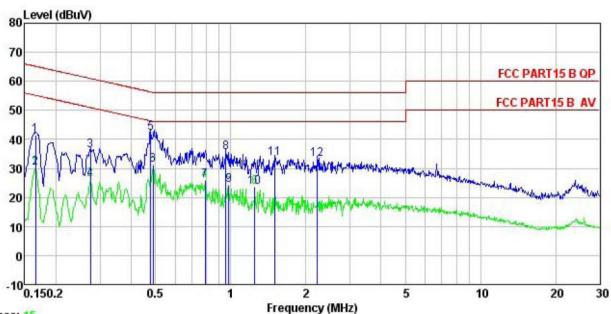
Remark

	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBu∜	<u>dB</u>	<u>dB</u>	dBu∜	dBu∜	<u>dB</u>	
1	0.162	31.44	0.25	10.77	42.46	65.34	-22.88	QP
2	0.166	17.75	0.25	10.77	28.77	55.16	-26.39	Average
3	0.190	27.70	0.25	10.76	38.71	64.02	-25.31	QP
1 2 3 4 5 6 7 8	0.299	14.91	0.26	10.74	25.91	50.28	-24.37	Average
5	0.486	33.83	0.29	10.76	44.88	56.23	-11.35	QP
6	0.486	20.53	0.29	10.76	31.58	46.23	-14.65	Average
7	0.675	14.15	0.19	10.77	25.11	46.00	-20.89	Average
8	0.683	25.13	0.19	10.77	36.09	56.00	-19.91	QP
9	0.871	12.77	0.20	10.83	23.80	46.00	-22.20	Average
10	1.628	25.43	0.27	10.93	36.63	56.00	-19.37	QP
11	2.077	8.03	0.29	10.96	19.28	46.00	-26.72	Average
12	2.487	21.41	0.29	10.94	32.64	56.00	-23.36	QP





Line:



Trace: 15

Site

: CCIS Shielding Room : FCC PART15 B QP LISN LINE Condition

EUT Smartphone Model : TM45LM Test Mode : WIFI mode Power Rating : AC120/60Hz

Environment : Temp: 23 °C Huni:56% Atmos:101KPa

Test Engineer: YT

Remark

CHAIR	Freq	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBu∜	dB	dB	dBu₹	dBu∜	<u>dB</u>	
1	0.166	30.47	0.27	10.77	41.51	65.16	-23.65	QP
2	0.166	19.23	0.27	10.77	30.27	55.16	-24.89	Average
2 3 4 5 6 7 8 9	0.274	25.25	0.26	10.74	36.25	60.98	-24.73	QP
4	0.274	15.16	0.26	10.74	26.16	50.98	-24.82	Average
5	0.479	31.13	0.29	10.75	42.17	56.36	-14.19	QP
6	0.489	20.12	0.29	10.76	31.17	46.19	-15.02	Average
7	0.792	14.70	0.23	10.81	25.74	46.00	-20.26	Average
8	0.958	24.54	0.25	10.86	35.65	56.00	-20.35	QP
9	0.984	13.12	0.25	10.87	24.24	46.00	-21.76	Average
10	1.249	12.28	0.25	10.90	23.43	46.00	-22.57	Average
11	1.503	22.47	0.26	10.92	33.65	56.00	-22.35	QP
12	2.225	21.90	0.26	10.95	33.11	56.00	-22.89	QP

Notes:

- 1. An initial pre-scan was performed on the live 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



6.3 Conducted Output Power

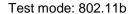
Test Requirement:	FCC Part 15 C Section 15.247 (b)(3)			
Test Method:	ANSI C63.10:2009 and KDB558074v03r03 section 9.2.2			
Limit:	30dBm			
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane			
Test Instruments:	Refer to section 5.6 for details			
Test mode:	Refer to section 5.3 for details			
Test results:	Passed			

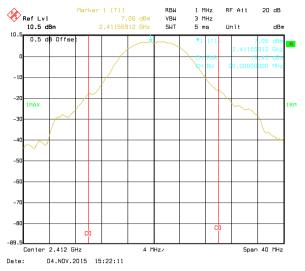
Measurement Data

Test CH	Ma	aximum Conduct	Limit(dBm)	Result		
1031 011	802.11b	802.11g	802.11n(H20)	802.11n(H40)	Limit(dBin)	rtosuit
Lowest	15.43	11.49	11.47	10.06		
Middle	15.39	13.45	13.40	13.28	30.00	Pass
Highest	14.45	11.28	11.36	10.07		

Test plot as follows:







Lowest channel

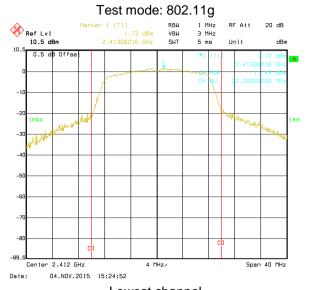


Middle channel



Highest channel

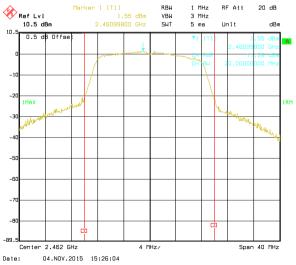






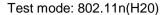


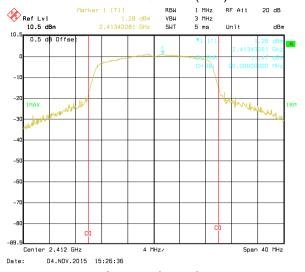
Middle channel



Highest channel



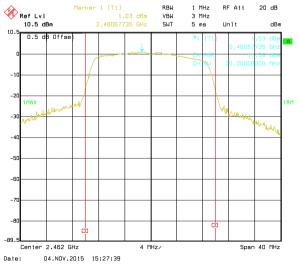




Lowest channel



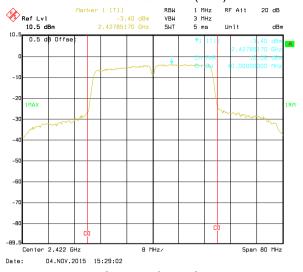
Middle channel



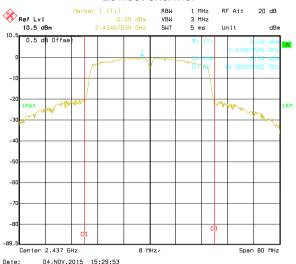
Highest channel



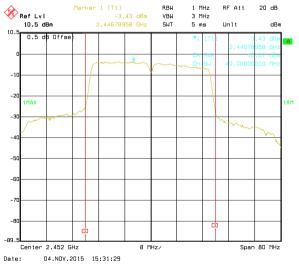
Test mode: 802.11n(H40)



Lowest channel



Middle channel



Highest channel



6.4 Occupy Bandwidth

Test Requirement:	FCC Part 15 C Section 15.247 (a)(2)			
Test Method:	ANSI C63.10:2009 and KDB558074v03r03 section 8.1			
Limit:	>500kHz			
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane			
Test Instruments:	Refer to section 5.6 for details			
Test mode:	Refer to section 5.3 for details			
Test results:	Passed			

Measurement Data

Test CH		6dB Emission	Limit(kHz)	Result		
1031011	802.11b	802.11g	802.11n(H20)	802.11n(H40)	Liiiii(Ki iz)	resuit
Lowest	9.70	15.71	16.35	36.07		
Middle	9.78	15.87	16.83	35.59	>500	Pass
Highest	10.26	15.87	17.56	36.39		

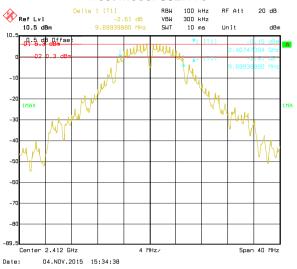
Test CH		99% Occupy	Limit(kHz)	Result		
	802.11b	802.11g	802.11n(H20)	802.11n(H40)	LIIIII(KI IZ)	Nesuit
Lowest	13.55	16.83	17.80	36.07		
Middle	14.11	17.47	18.12	36.39	N/A	N/A
Highest	13.31	16.51	17.72	36.23		

Test plot as follows:

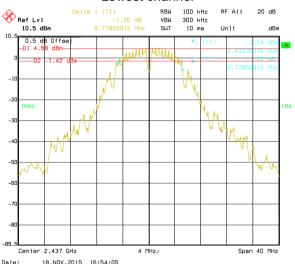


6dB EBW

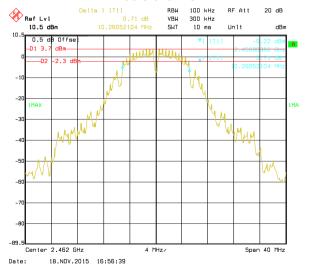
Test mode: 802.11b



Lowest channel

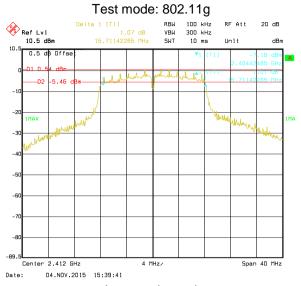


Middle channel

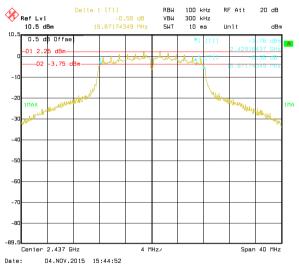


Highest channel

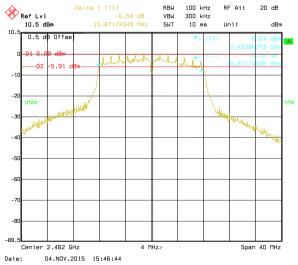




Lowest channel



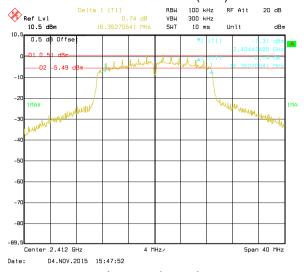
Middle channel



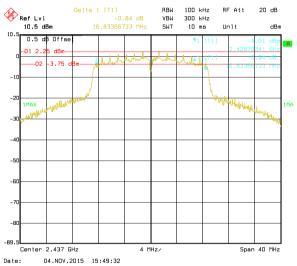
Highest channel



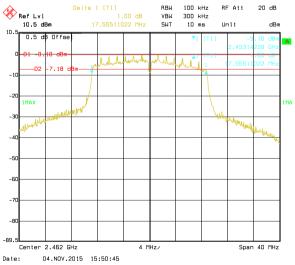
Test mode: 802.11n(H20)



Lowest channel



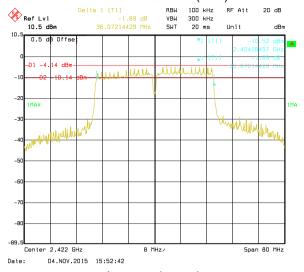
Middle channel



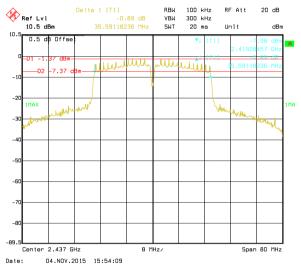
Highest channel



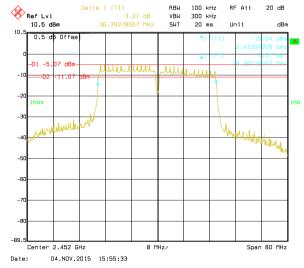
Test mode: 802.11n(H40)



Lowest channel



Middle channel



Highest channel

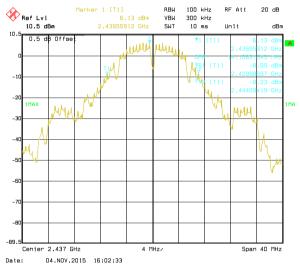


99% OBW

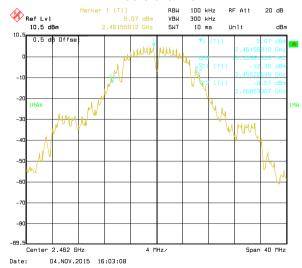
Test mode: 802.11b



Lowest channel

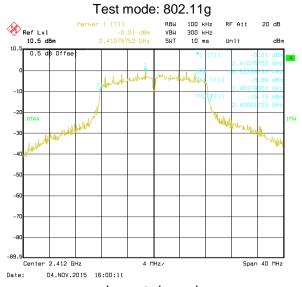


Middle channel



Highest channel

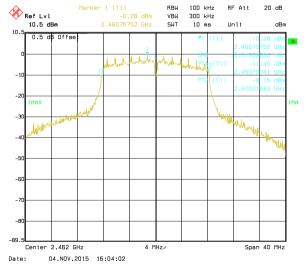








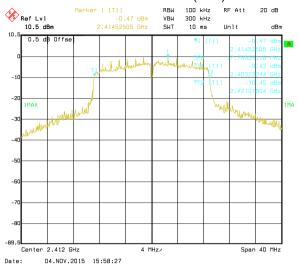
Middle channel



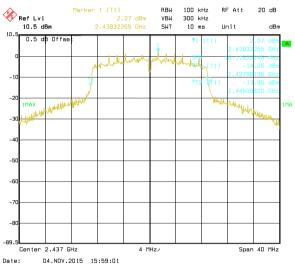
Highest channel



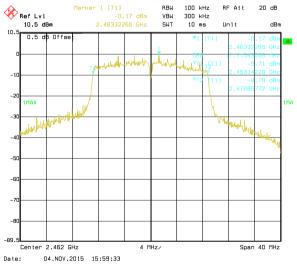
Test mode: 802.11n(H20)



Lowest channel



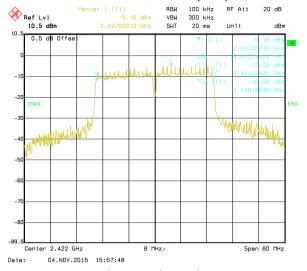
Middle channel



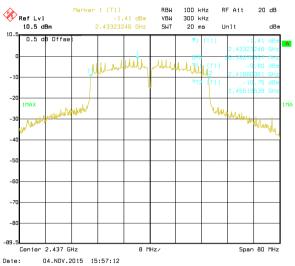
Highest channel



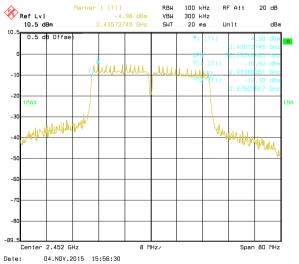
Test mode: 802.11n(H40)



Lowest channel



Middle channel



Highest channel



6.5 Power Spectral Density

Test Requirement:	FCC Part 15 C Section 15.247 (e)			
Test Method:	ANSI C63.10:2009 and KDB558074v03r03 section 10.2			
Limit:	8dBm			
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane			
Test Instruments:	Refer to section 5.6 for details			
Test mode:	Refer to section 5.3 for details			
Test results:	Passed			

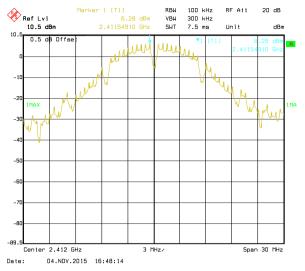
Measurement Data

Test CH		Power Spec	ctral Density (dBm)	Limit(dBm) Result		
	802.11b	802.11g	802.11n(H20)	802.11n(H40)	Limit(dBin)	Result	
Lowest	6.28	-0.46	0.13	-5.31			
Middle	5.54	2.24	2.00	-1.59	8.00	Pass	
Highest	4.44	-0.45	-0.45	-5.38			

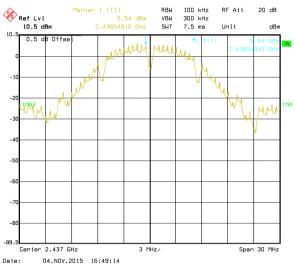
Test plot as follows:



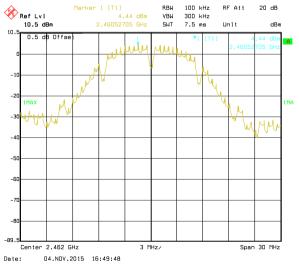




Lowest channel

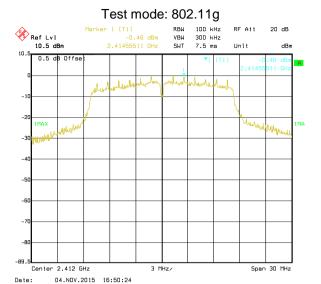


Middle channel

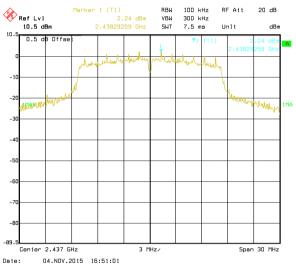


Highest channel

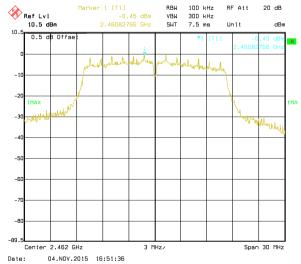




Lowest channel



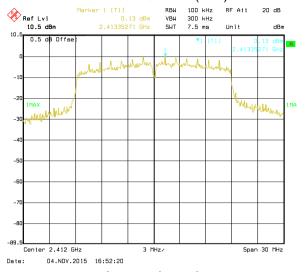
Middle channel



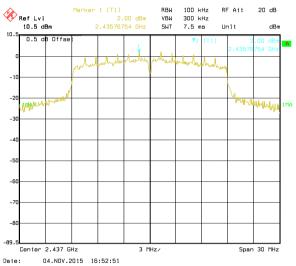
Highest channel



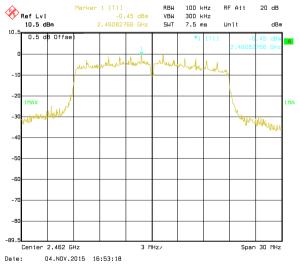
Test mode: 802.11n(H20)



Lowest channel



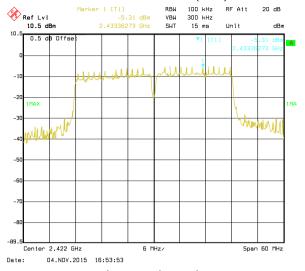
Middle channel



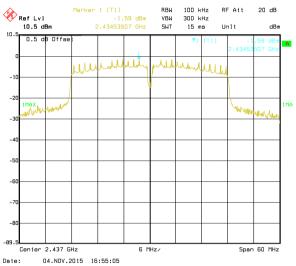
Highest channel



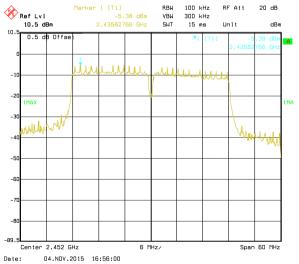
Test mode: 802.11n(H40)



Lowest channel



Middle channel



Highest channel





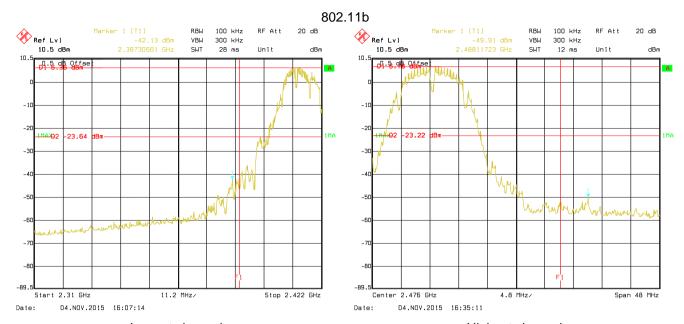
6.6 Band Edge

6.6.1 Conducted Emission Method

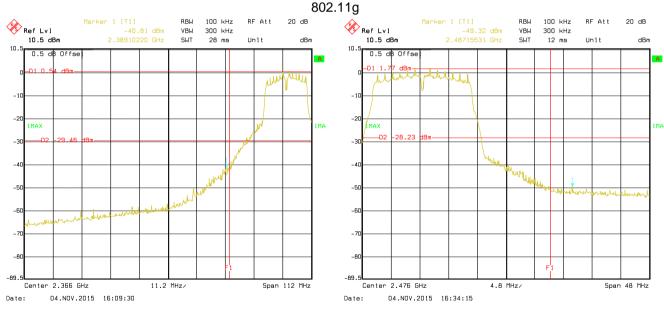
Test Requirement:	FCC Part 15 C Section 15.247 (d)		
Test Method:	ANSI C63.10:2009 and KDB558074v03r03 section 13		
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 30 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.		
Test setup:	·		
Test Instruments:	Ground Reference Plane Refer to section 5.6 for details		
Test mode:	Refer to section 5.3 for details		
Test results:	Passed		

Test plot as follows:



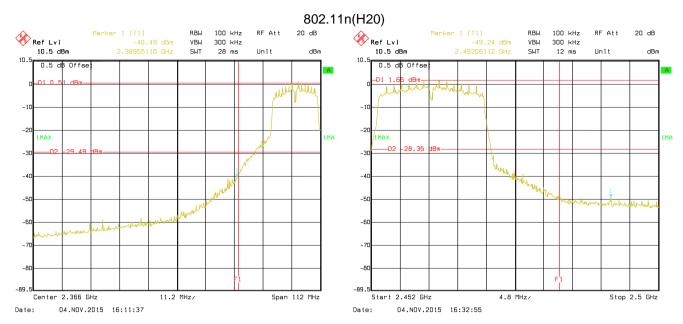


Lowest channel Highest channel

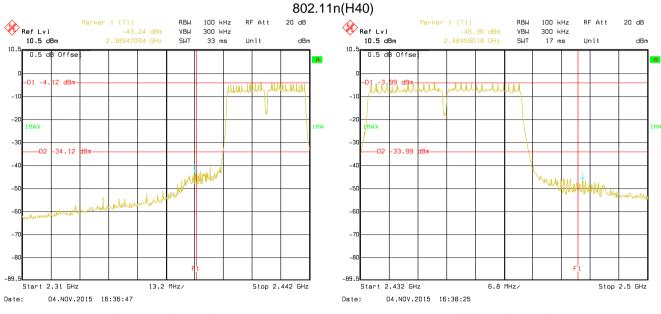


Lowest channel Highest channel





Lowest channel Highest channel



Lowest channel Highest channel



6.6.2 Radiated Emission Method

	Tradiated Emission Method								
	Test Requirement:	FCC Part 15 C Section 15.209 and 15.205							
	Test Method:	ANSI C63.10: 2009 and KDB 558074v03r03 section 12.1							
	Test Frequency Range:	2.3GHz to 2.5GHz Measurement Distance: 3m							
	Test site:								
	Receiver setup:								
		Frequency	Detector	RBW	VBW	Remark			
		Above 1GHz	Peak	1MHz 1MHz	3MHz 3MHz	Peak Value Average Value			
	Limit		RMS	TIVITZ SIVITZ		Average value			
	Limit:	Frequency		Limit (dBuV/	m @3m)	Remark			
				54.00		Average Value			
		Above 1GHz 74.00				Peak Value			
	Test setup:	 The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on 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 the measurement. 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 rota table was turned from 0 degrees to 360 degrees to find the 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 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, quasipeak or average method as specified and then reported in a data sheet. 							
	Test Instruments:	Refer to section 5.6 for details Refer to section 5.3 for details							
	Test mode:								
	Test results:	Passed							

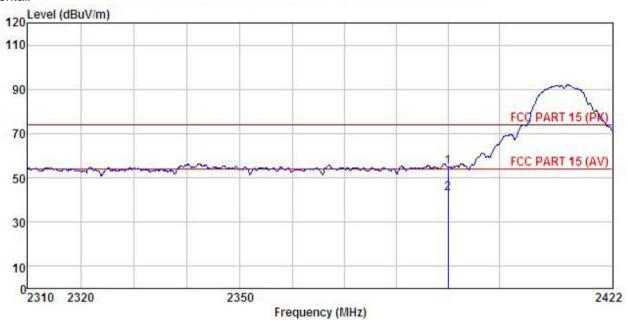




802.11b

Test channel: Lowest

Horizontal:



Site : 3m chamber

Condition : FCC PART 15 (PK) 3m BBHA9120(1G18) HORIZONTAL

EUT : Smartphone

Model : TM45LM

Test mode : WIFI-B-L mode

Power Rating : AC 120V/60Hz

Power Rating : AC 120V/60Hz Environment : Temp:25.5°C Huni:55%

Test Engineer: YT

Remark

mar.		Read.	Antenna	Cable	Preamp		Limit	Over	
	Freq		Factor						
•	MHz	dBu∜	<u>dB</u> /m	<u>d</u> B	d <u>B</u>	dBuV/m	dBuV/m	<u>dB</u>	
1	2390.000	20.73	27.58	6.63	0.00	54.94	74.00	-19.06	Peak
2	2390, 000	8, 82	27, 58	6, 63	0.00	43, 03	54,00	-10.97	Average

Remark:

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