

Global United Technology Services Co., Ltd.

Report No.: GTSE15030032102

FCC Report (WIFI)

AOC Applicant:

Address of Applicant: 8F-3, No. 166, Jian 1 Road, Zhonghe Dist., New Taipei City

23511, Taiwan

Equipment Under Test (EUT)

Product Name: Smart phone

Model No.: E40

FCC ID: 2AEB5-E40

FCC CFR Title 47 Part 15 Subpart C Section 15.247:2014 Applicable standards:

Date of sample receipt: March 27, 2015

Date of Test: March 30-April 09, 2015

Date of report issued: April 10, 2015

PASS * Test Result:

Authorized Signature:



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 GTS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in

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^{*} In the configuration tested, the EUT complied with the standards specified above.



2 Version

Version No.	Date	Description
00	April 10, 2015	Original

Prepared By:	Edward.Pan	Date:	April 10, 2015
	Project Engineer	_	
Check By:	hank. yan Reviewer	Date:	April 10, 2015



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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
Channel 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:	AOC
Address of Applicant:	8F-3, No. 166, Jian 1 Road, Zhonghe Dist., New Taipei City 23511, Taiwan
Manufacturer:	New Flying
Address of Manufacturer:	10/F Block C,Tairan Building,Tairan 8 Road, Chegongmiao, District, Shenzhen City, Guangdong Province, China

5.2 General Description of EUT

Product Name:	Smart phone	
Model No.:	E40	
Operation Frequency:	802.11b/802.11g/802.11n(HT20): 2412MHz~2462MHz	
	802.11n(HT40): 2422MHz~2452MHz	
Channel numbers:	802.11b/802.11g /802.11n(HT20): 11	
	802.11(HT40): 7	
Channel separation:	5MHz	
Modulation technology:	802.11b: Direct Sequence Spread Spectrum (DSSS)	
	802.11g/802.11n(H20)/802.11n(H40):	
	Orthogonal Frequency Division Multiplexing (OFDM)	
Antenna Type:	PIFA antenna	
Antenna gain:	1dBi (declare by Applicant)	
Power supply:	Model No.: YHD-GH002S	
	Input: AC 100-240V, 50/60Hz, 0.3A	
	Output: DC 5.0V, 1A	
	DC 3.7V Li-ion Battery	

Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960



Operation Frequency each of channel							
Channel Frequency Channel Frequency Channel Frequency Channel Frequency							Frequency
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
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:

Test channel	Frequency (MHz)			
rest chamier	802.11b/802.11g/802.11n(HT20)	802.11n(HT40)		
Lowest channel	2412MHz	2422MHz		
Middle channel	2437MHz	2437MHz		
Highest channel	2462MHz	2452MHz		

5.3 Test mode

Transmitting mode Keep the EUT in continuously transmitting mode	
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Remark: During the test, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.

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	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)
Data rate	1Mbps	6Mbps	6.5Mbps	13Mbps

5.4 Description of Support Units

None.

Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960



5.5 Test Facility

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

• CNAS —Registration No.: CNAS L5775

CNAS has accredited Global United Technology Services Co., Ltd. To ISO/IEC 17025 General Requirements for the competence of testing and calibration laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

• FCC —Registration No.: 600491

Global United Technology Services Co., Ltd., Shenzhen 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 files. Registration 600491, June 28, 2013.

• Industry Canada (IC) —Registration No.: 9079A-2

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A-2, June 26, 2013.

Test Location 5.6

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: Room 301-309, 3th Floor, Block A, Huafeng Jinyuan Business Building, No. 300 Laodong

Industrial Zone, Xixiang Road, Baoan District, Shenzhen 518102

Tel: 0755-27798480 Fax: 0755-27798960

Global United Technology Services Co., Ltd.

Room 301-309, 3th Floor, Block A, Huafeng Jinyuan Business Building, No. 300 Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen 518102 Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960



6 Test Instruments list

Radi	Radiated Emission:							
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)		
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	Mar. 27 2015	Mar. 26 2016		
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A		
3	Spectrum Analyzer	Agilent	E4440A	GTS533	Dec. 4 2014	Dec. 3 2015		
4	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	July 01 2014	June 30 2015		
5	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	July 01 2014	June 30 2015		
6	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	9120D-829	GTS208	June 27 2014	June 26 2015		
7	Horn Antenna	ETS-LINDGREN	3160	GTS217	Mar. 27 2015	Mar. 26 2016		
8	EMI Test Software	AUDIX	E3	N/A	N/A	N/A		
9	Coaxial Cable	GTS	N/A	GTS213	Mar. 28 2015	Mar. 27 2016		
10	Coaxial Cable	GTS	N/A	GTS211	Mar. 28 2015	Mar. 27 2016		
11	Coaxial cable	GTS	N/A	GTS210	Mar. 28 2015	Mar. 27 2016		
12	Coaxial Cable	GTS	N/A	GTS212	Mar. 28 2015	Mar. 27 2016		
13	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	July 01 2014	June 30 2015		
14	Amplifier(2GHz-20GHz)	HP	8349B	GTS206	July 01 2014	June 30 2015		
15	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June 27 2014	June 26 2015		
16	Band filter	Amindeon	82346	GTS219	Mar. 28 2015	Mar. 27 2016		
17	Power Meter	Anritsu	ML2495A	GTS540	July 01 2014	June 30 2015		
18	Power Sensor	Anritsu	MA2411B	GTS541	July 01 2014	June 30 2015		

Con	Conducted Emission:							
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)		
1	Shielding Room	ZhongYu Electron	7.0(L)x3.0(W)x3.0(H)	GTS264	Sep. 07 2013	Sep. 06 2015		
2	EMI Test Receiver	Rohde & Schwarz	ESCS30	GTS223	July 01 2014	June 30 2015		
3	10dB Pulse Limita	Rohde & Schwarz	N/A	GTS224	July 01 2014	June 30 2015		
4	Coaxial Switch	ANRITSU CORP	MP59B	GTS225	July 01 2014	June 30 2015		
5	LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK 8127	GTS226	July 01 2014	June 30 2015		
6	Coaxial Cable	GTS	N/A	GTS227	July 01 2014	June 30 2015		
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A		

Gen	General used equipment:									
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)				
1	Barometer	ChangChun	DYM3	GTS257	July 08 2014	July 07 2015				



7 Test results and Measurement Data

7.1 Antenna requirement

Standard requirement: FCC Part15 C Section 15.203 /247(c)

15.203 requirement:

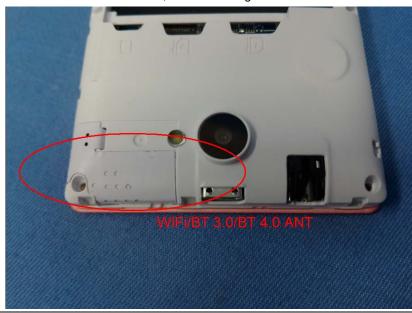
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit 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 antenna is PIFA antenna, the best case gain of the antenna is 1dBi





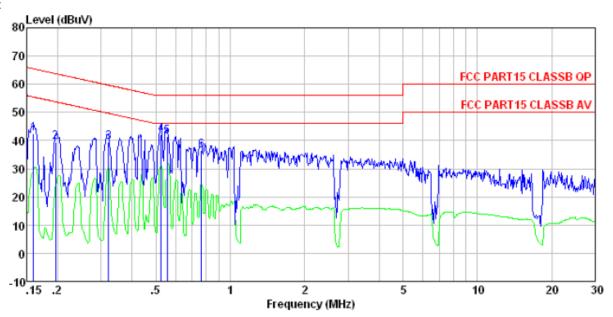
7.2 Conducted Emissions

Test Requirement: FCC Part15 C Section 15.207						
Test Frequency Range: Class J Severity: Class B Receiver setup: Class B Receiver setup: Frequency range (MHz) Ouasi-peak Ousi-peak Ousi						
Class / Severity: Class B Receiver setup: RBW=9KHz, VBW=30KHz, Sweep time=auto Limit (dBuV) Quasi-peak Average						
Receiver setup: RBW=9KHz, VBW=30KHz, Sweep time=auto						
Limit: Frequency range (MHz)						
Test setup: Prequency range (MHz) Quasi-peak 0.15-0.5 66 to 56* 56 to 4 0.5-5 50 * Decreases with the logarithm of the frequency. Reference Plane LISN AUX Filter AC power						
0.15-0.5 66 to 56* 56 to 4						
Test setup: 0.5-5						
Test setup: Solid Content						
* Decreases with the logarithm of the frequency. Test setup: Reference Plane LISN 40cm 80cm Filter AC power						
Test setup: Reference Plane LISN 40cm 80cm Filter AC power						
LISN 40cm 80cm Filter AC power						
Remark: E.U.T Test table/Insulation plane Remark: E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network Test table height=0.8m						
Test procedure: 1. The E.U.T and simulators are connected to the main power thr line impedance stabilization network (L.I.S.N.). This provides a 500hm/50uH coupling impedance for the measuring equipmen 2. The peripheral devices are also connected to the main power to LISN that provides a 500hm/50uH coupling impedance with 500 termination. (Please refer to the black diagram of the test activities)	a nt. through a Dohm					
termination. (Please refer to the block diagram of the test setul photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be according to ANSI C63.10:2013 on conducted measurement.						
Test Instruments: Refer to section 6.0 for details						
Test mode: Refer to section 5.3 for details	Refer to section 5.3 for details					
Test results: Pass						



Measurement data

Line:



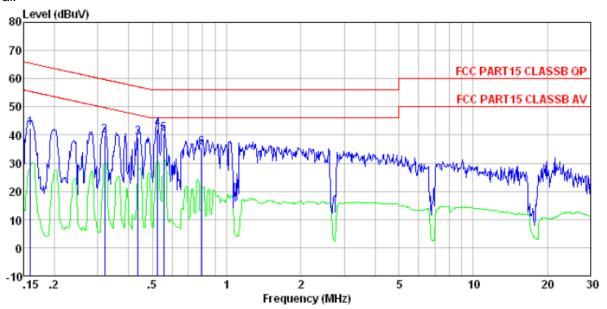
Condition : FCC PART15 CLASSB QP LISN-2013 LINE

Job No. : 0321RF Test mode : WiFi mode Test Engineer: Mike

	Freq	Read	LISN Factor					Remark
	MHz	dBuV	dB	dB	dBu₹	dBuV	dB	
1 2 3 4 5	0.322 0.524	39. 22 39. 17 41. 74	0.15 0.14 0.11 0.13 0.13	0.13 0.10 0.11	39. 49 39. 38 41. 98	63. 76 59. 66 56. 00	-24. 27 -20. 28 -14. 02	QP QP QP
6	0.763	36.20	0.14	0.13	36.47	56.00	-19.53	QP



Neutral:



Condition : FCC PART15 CLASSB QP LISN-2013 NEUTRAL

Job No. : 0321RF Test mode : WiFi mode Test Engineer: Mike

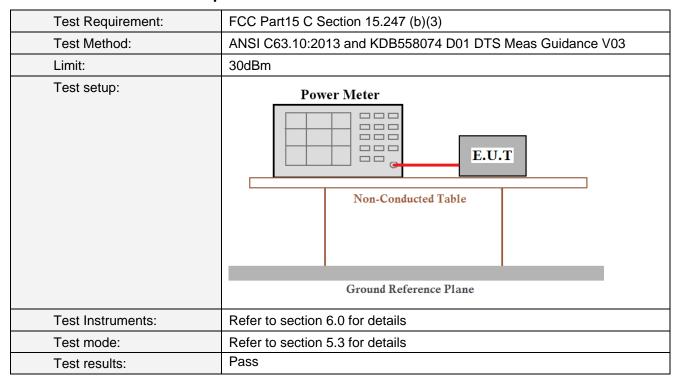
	Freq		LISN Factor				Over Limit	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1 2 3 4	0. 437 0. 524	39.13 41.88	0.06 0.06 0.07	0.11 0.11	39.67 39.30 42.06	59.71 57.11 56.00	-20.04 -17.81 -13.94	QP QP QP
5 6			0.07 0.07					

Notes:

- 1. An initial pre-scan was performed on the line and neutral lines with peak detector.
- 2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- 3. Final Level =Receiver Read level + LISN Factor + Cable Loss
- 4. If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.



7.3 Conducted Peak Output Power



Measurement Data

Test CH		Peak Outp	Limit(dBm)	Result		
1631 011	802.11b	Limit(abin)	Nesuit			
Lowest	17.46	14.71	14.46	10.58		
Middle	17.45	14.58	14.43	10.59	30.00	Pass
Highest	17.53	14.55	14.43	10.61		



7.4 Channel Bandwidth

Test Requirement:	FCC Part15 C Section 15.247 (a)(2)			
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance V03			
Limit:	>500KHz			
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane			
Test Instruments:	Refer to section 6.0 for details			
Test mode:	Refer to section 5.3 for details			
Test results:	Pass			

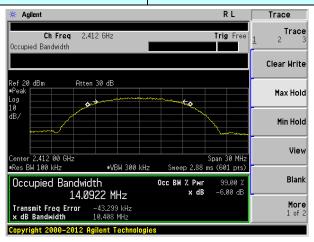
Measurement Data

Test CH		Channel Ban	Limit(KHz)	Result			
Test Off	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)	Littit(Ki iz)	Nesuit	
Lowest	10.408	16.420	17.626	36.168			
Middle	8.849	16.402	17.667	36.129	>500	Pass	
Highest	9.130	16.437	17.627	36.142			

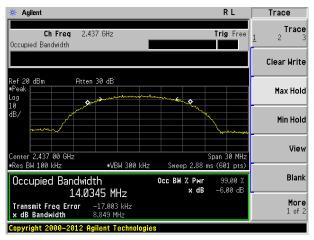
Test plot as follows:



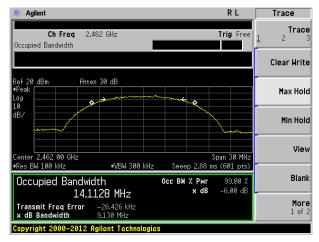
Test mode: 802.11b



Lowest channel



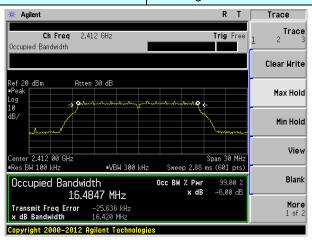
Middle channel



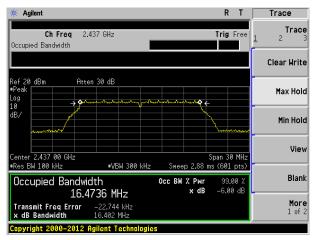
Highest channel



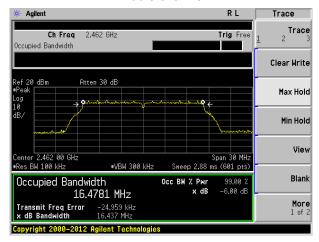
Test mode: 802.11g



Lowest channel



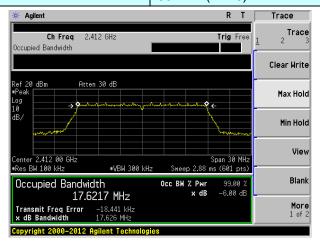
Middle channel



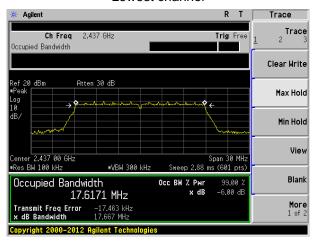
Highest channel



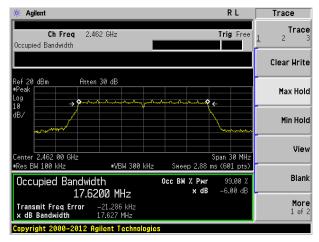
Test mode: 802.11n(HT20)



Lowest channel



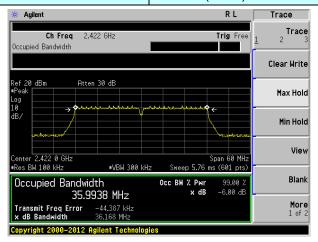
Middle channel



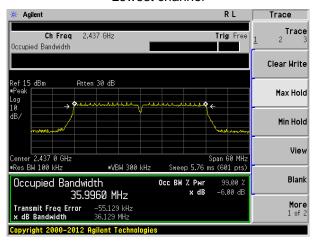
Highest channel



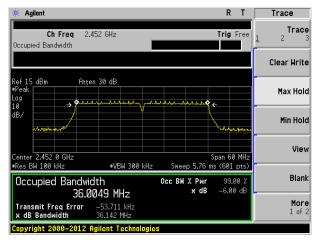
Test mode: 802.11n(HT40)



Lowest channel



Middle channel



Highest channel



7.5 Power Spectral Density

Test Requirement:	FCC Part15 C Section 15.247 (e)			
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance V03			
Limit:	8dBm			
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane			
Test Instruments:	Refer to section 6.0 for details			
Test mode:	Refer to section 5.3 for details			
Test results:	Pass			

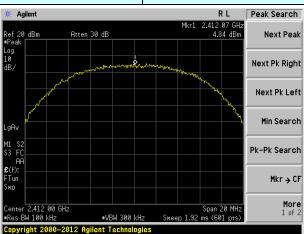
Measurement Data

Test CH		Power Spectra	Limit(dBm/3kHz)	Result			
Test Off	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)	LITIIL(GBITI/3KI12)	Result	
Lowest	4.84	0.06	-0.40	-6.81			
Middle	5.77	0.05	-0.15	-6.66	8.00	Pass	
Highest	4.89	-0.01	-0.20	-6.68			

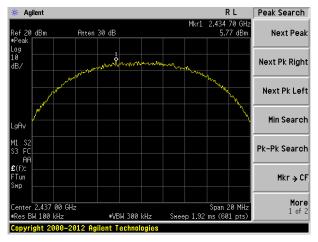


Test plot as follows:

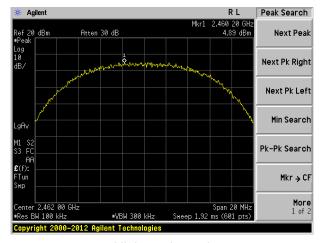
Test mode: 802.11b



Lowest channel



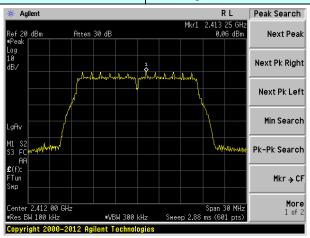
Middle channel



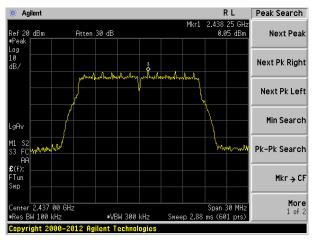
Highest channel



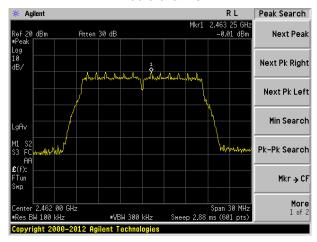
Test mode: 802.11g



Lowest channel



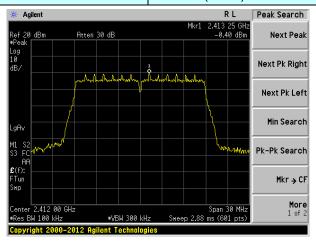
Middle channel



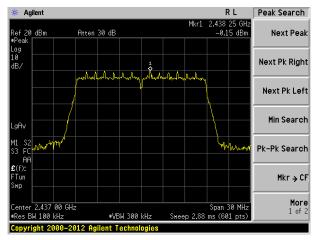
Highest channel



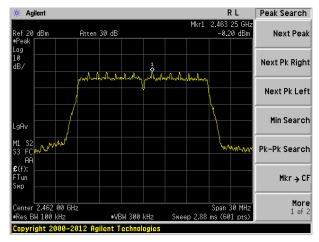
Test mode: 802.11n(HT20)



Lowest channel



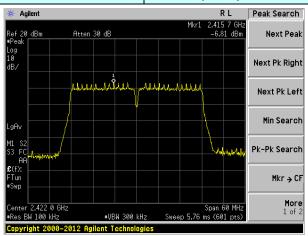
Middle channel



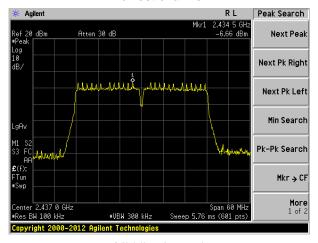
Highest channel



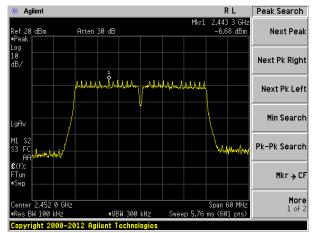
Test mode: 802.11n(HT40)



Lowest channel



Middle channel



Highest channel



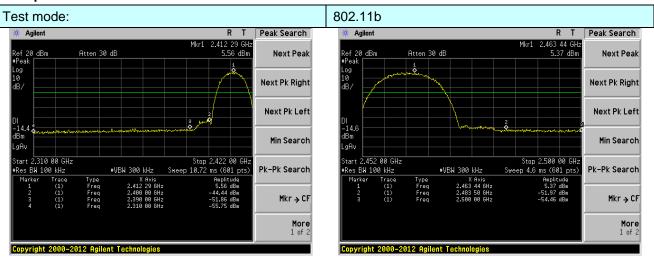
7.6 Band edges

7.6.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)					
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance V03					
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.					
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane					
Test Instruments:	Refer to section 6.0 for details					
Test mode:	Refer to section 5.3 for details					
Test results:	Pass					



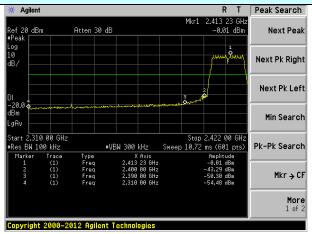
Test plot as follows:



Lowest channel

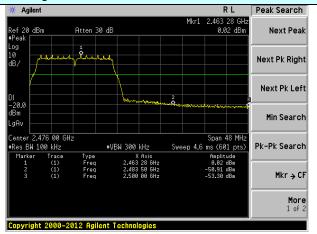
Highest channel

Test mode:



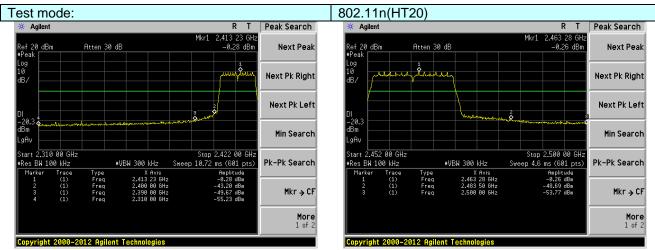
Lowest channel

802.11g



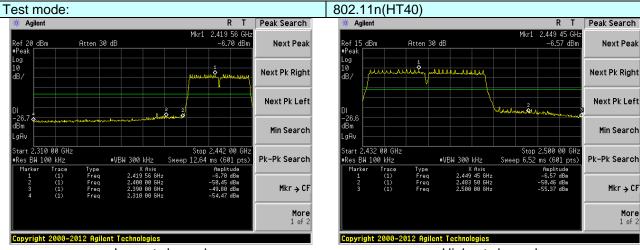
Highest channel





Lowest channel

Highest channel



Lowest channel

Highest channel

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7.6.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209 and 15.205							
Test Method:	ANSI C63.10:2013							
Test Frequency Range:			tested only	the worst ha	nd's (2310MHz to			
react requestey realige.	2500MHz) data		tootou, orny					
Test site:	Measurement Distance: 3m							
Receiver setup:	Frequency Detector RBW VBW Valu							
	Above 4CU=	Peak	1MHz	3MHz	Peak			
	Above 1GHz RMS 1MHz 3MHz Average							
Limit:	Frequency Limit (dBuV/m @3m) Value							
	A boyes 1	CH-	54.0	0	Average			
	Above 1	GHZ	74.0	0	Peak			
Test setup:	EUT	Horn Antenna Spectrum Analyzer Table						
Test Procedure:								
Test Instruments:	Refer to section	6.0 for details						
Test mode:	Refer to section	5.3 for details						
Test results:	Pass		<u> </u>	<u> </u>				

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Measurement data:

Remark: The pre-test were performed on lowest, middle and highest frequencies, only the worst case's (lowest and highest frequencies) data was showed.

Test mode: 80		802.1	302.11b Test o		st channel:		Lowest		
Peak value:									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Pream Facto (dB)	or .	Level (dBuV/m)	Limit Line	I I imit	Polarization
2310.00	51.93	27.59	5.38	34.0	1	50.89	74.00	-23.11	Horizontal
2390.00	61.04	27.58	5.39	34.0	1	60.00	74.00	-14.00	Horizontal
2310.00	53.63	27.59	5.38	34.01		52.59	74.00	-21.41	Vertical
2390.00	62.91	27.58	5.39	34.01		61.87	74.00	-12.13	Vertical
Average va	lue:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)		Level (dBuV/m)	Limit Line	I I imit	Polarization
2310.00	38.61	27.59	5.38	34.0	1	37.57	54.00	-16.43	Horizontal
2390.00	46.93	27.58	5.39	34.0	1	45.89	54.00	-8.11	Horizontal
2310.00	40.45	27.59	5.38	34.01		39.41	54.00	-14.59	Vertical
2390.00	48.08	27.58	5.39	34.01		47.04	54.00	-6.96	Vertical
Test mode:		802.1	1b		Tes	st channel:		Highest	

Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	52.71	27.53	5.47	33.92	51.79	74.00	-22.21	Horizontal
2500.00	48.44	27.55	5.49	29.93	51.55	74.00	-22.45	Horizontal
2483.50	55.02	27.53	5.47	33.92	54.10	74.00	-19.90	Vertical
2500.00	51.01	27.55	5.49	29.93	54.12	74.00	-19.88	Vertical

Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	39.02	27.53	5.47	33.92	38.10	54.00	-15.90	Horizontal
2500.00	35.07	27.55	5.49	29.93	38.18	54.00	-15.82	Horizontal
2483.50	40.99	27.53	5.47	33.92	40.07	54.00	-13.93	Vertical
2500.00	36.96	27.55	5.49	29.93	40.07	54.00	-13.93	Vertical

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.



Report No.: GTSE15030032102

Test mode: 802.11g			Test channel:			Lowest				
Peak value:										
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Pream Facto (dB)	or Or	Level (dBuV/m)	Limit Line (dBuV/m)	I I imit	Polarization	
2310.00	50.21	27.59	5.38	34.0	1	49.17	74.00	-24.83	Horizontal	
2390.00	58.74	27.58	5.39	34.0	1	57.70	74.00	-16.30	Horizontal	
2310.00	51.79	27.59	5.38	34.0	1	50.75	74.00	-23.25	Vertical	
2390.00	60.15	27.58	5.39	34.01		59.11	74.00	-14.89	Vertical	
Average va	Average value:									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Pream Facto (dB)	or	Level (dBuV/m)	Limit Line (dBuV/m)	I I imit	Polarization	
2310.00	37.39	27.59	5.38	34.0	1	36.35	54.00	-17.65	Horizontal	
2390.00	45.53	27.58	5.39	34.01		44.49	54.00	-9.51	Horizontal	
2310.00	39.09	27.59	5.38	34.01		38.05	54.00	-15.95	Vertical	
2390.00	46.54	27.58	5.39	34.0	1	45.50	54.00	-8.50	Vertical	
Test mode:		802.1	802.11g			st channel:		Highest		
Peak value	:									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Pream Facto (dB)	or	Level (dBuV/m)	Limit Line (dBuV/m)	I I imit	Polarization	
2483.50	50.25	27.53	5.47	33.9	2	49.33	74.00	-24.67	Horizontal	
2500.00	46.54	27.55	5.49	29.9	3	49.65	74.00	-24.35	Horizontal	
2483.50	52.22	27.53	5.47	33.9	2	51.30	74.00	-22.70	Vertical	
2500.00	48.78	27.55	5.49	29.93		51.89	74.00	-22.11	Vertical	
Average va	lue:									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Pream Facto (dB)	or Or	Level (dBuV/m)	Limit Line (dBuV/m)	I I imit	Polarization	
2483.50	37.53	27.53	5.47	33.9	2	36.61	54.00	-17.39	Horizontal	
2500.00	33.91	27.55	5.49	29.9	3	37.02	54.00	-16.98	Horizontal	
2483.50	39.35	27.53	5.47	33.9	2	38.43	54.00	-15.57	Vertical	
2500.00	35.73	27.55	5.49	29.9	3	38.84	54.00	-15.16	Vertical	
Remark:										

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Final Level = Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

The emission levels of other frequencies are very lower than the limit and not show in test report.



Test mode:

Report No.: GTSE15030032102

Lowest

i est illoue.		002.1	111(11120)	10	St Charmer.		-OWESI	
Peak value	•			·		·		
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2310.00	50.68	27.59	5.38	34.01	49.64	74.00	-24.36	Horizontal
2390.00	59.37	27.58	5.39	34.01	58.33	74.00	-15.67	Horizontal
2310.00	52.29	27.59	5.38	34.01	51.25	74.00	-22.75	Vertical
2390.00	60.90	27.58	5.39	34.01	59.86	74.00	-14.14	Vertical
Average va	lue:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2310.00	37.72	27.59	5.38	34.01	36.68	54.00	-17.32	Horizontal
2390.00	45.91	27.58	5.39	34.01	44.87	54.00	-9.13	Horizontal
2310.00	39.46	27.59	5.38	34.01	38.42	54.00	-15.58	Vertical
2390.00	46.96	27.58	5.39	34.01	45.92	54.00	-8.08	Vertical
Test mode:		802.1	1n(HT20)	Те	st channel:	ŀ	Highest	
Peak value								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	50.92	27.53	5.47	33.92	50.00	74.00	-24.00	Horizontal
2500.00	47.06	27.55	5.49	29.93	50.17	74.00	-23.83	Horizontal
2483.50	52.98	27.53	5.47	33.92	52.06	74.00	-21.94	Vertical
2500.00	49.39	27.55	5.49	29.93	52.50	74.00	-21.50	Vertical
Average va	lue:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	37.94	27.53	5.47	33.92	37.02	54.00	-16.98	Horizontal
2500.00	34.23	27.55	5.49	29.93	37.34	54.00	-16.66	Horizontal
2483.50	39.80	27.53	5.47	33.92	38.88	54.00	-15.12	Vertical
2500.00	36.07	27.55	5.49	29.93	39.18	54.00	-14.82	Vertical
Remark:								

Test channel:

802.11n(HT20)

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.

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Test mode:

Report No.: GTSE15030032102

Lowest

Antenna Factor (dB/m) 7 27.59 8 27.58 10 27.59 12 27.58 10 Antenna Factor (dB/m) 10 27.59 11 Antenna Factor (dB/m) 12 27.58 13 27.59 14 Antenna Factor (dB/m) 15 27.59 16 27.58	Loss (dB) 5.38 5.39 5.38 5.39 Cable	Pream Factor (dB) 34.0° 34.0° Pream Factor (dB) 34.0°	or (d) 1	Level dBuV/m) 48.53 56.84 50.06 58.08 Level dBuV/m) 35.89 43.96 37.54 44.92	Limit Line (dBuV/m) 74.00 74.00 74.00 74.00 T4.00 54.00 54.00 54.00	Over Limit (dB) -25.47 -17.16 -23.94 -15.92 Over Limit (dB) -18.11 -10.04 -16.46	Polarization Horizontal Horizontal Vertical Polarization Horizontal Horizontal Vertical
el Factor (dB/m) 57 27.59 58 27.58 10 27.59 12 27.58 1d Antenna Factor (dB/m) 03 27.59 10 27.59 11 27.59	Loss (dB) 5.38 5.39 5.38 5.39 Cable Loss (dB) 5.38 5.39 5.38	Pream Factor (dB) 34.0° 34.0° 34.0° 34.0° 34.0° 34.0° 34.0° 34.0°	or (d) 1	48.53 56.84 50.06 58.08 Level dBuV/m) 35.89 43.96 37.54	(dBuV/m) 74.00 74.00 74.00 74.00 Limit Line (dBuV/m) 54.00 54.00 54.00	Limit (dB) -25.47 -17.16 -23.94 -15.92 Over Limit (dB) -18.11 -10.04 -16.46	Horizontal Horizontal Vertical Vertical Polarization Horizontal Horizontal Vertical
38 27.58 0 27.59 12 27.58 ad Antenna Factor (dB/m) 03 27.59 00 27.58 58 27.59	5.39 5.38 5.39 Cable Loss (dB) 5.38 5.39 5.38	34.0° 34.0° Pream Factor (dB) 34.0° 34.0° 34.0°	1	56.84 50.06 58.08 Level dBuV/m) 35.89 43.96 37.54	74.00 74.00 74.00 Limit Line (dBuV/m) 54.00 54.00	-17.16 -23.94 -15.92 Over Limit (dB) -18.11 -10.04 -16.46	Horizontal Vertical Vertical Polarization Horizontal Horizontal Vertical
27.59 2 27.58 Antenna Factor (dB/m) 23 27.59 20 27.58 27.59	5.38 5.39 Cable Loss (dB) 5.38 5.39 5.38	34.0° Pream Facto (dB) 34.0° 34.0° 34.0°	1	50.06 58.08 Level dBuV/m) 35.89 43.96 37.54	74.00 74.00 Limit Line (dBuV/m) 54.00 54.00	-23.94 -15.92 Over Limit (dB) -18.11 -10.04 -16.46	Vertical Vertical Polarization Horizontal Horizontal Vertical
27.58 Antenna Factor (dB/m) 27.59 27.58 27.59	5.39 Cable Loss (dB) 5.38 5.39 5.38	94.0° Pream Facto (dB) 34.0° 34.0°	1 (d) 1 (d) 1 (d) 1 (d)	Level dBuV/m) 35.89 43.96 37.54	74.00 Limit Line (dBuV/m) 54.00 54.00	-15.92 Over Limit (dB) -18.11 -10.04 -16.46	Polarization Horizontal Horizontal Vertical
ad Antenna Factor V) (dB/m) 03 27.59 00 27.58 58 27.59	Cable Loss (dB) 5.38 5.39 5.38	Pream Facto (dB) 34.0° 34.0°	np pr (d 1 :	Level dBuV/m) 35.89 43.96 37.54	Limit Line (dBuV/m) 54.00 54.00	Over Limit (dB) -18.11 -10.04 -16.46	Polarization Horizontal Horizontal Vertical
el Factor (V) (dB/m) 93 27.59 90 27.58 58 27.59	Loss (dB) 5.38 5.39 5.38	Facto (dB) 34.0° 34.0°	or (d)	35.89 43.96 37.54	(dBuV/m) 54.00 54.00 54.00	Limit (dB) -18.11 -10.04 -16.46	Horizontal Horizontal Vertical
el Factor (V) (dB/m) 93 27.59 90 27.58 58 27.59	Loss (dB) 5.38 5.39 5.38	Facto (dB) 34.0° 34.0°	or (d)	35.89 43.96 37.54	(dBuV/m) 54.00 54.00 54.00	Limit (dB) -18.11 -10.04 -16.46	Horizontal Horizontal Vertical
27.58 58 27.59	5.39 5.38	34.0	1 :	43.96 37.54	54.00 54.00	-10.04 -16.46	Horizontal Vertical
58 27.59	5.38	34.0	1 ;	37.54	54.00	-16.46	Vertical
27.58	5.39	34.0	1 4	11 02	E 4 00	0.00	
				44.32	54.00	-9.08	Vertical
802	2.11n(HT40)		Test ch	hannel:	Highest		
	T	1			· · · · · · · · · · · · · · · · · · ·		
d Antenna el Factor V) (dB/m)	Cable Loss (dB)	Facto	or (d	Level dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
33 27.53	5.47	33.92	2 4	48.41	74.00	-25.59	Horizontal
32 27.55	5.49	29.93	3 4	48.93	74.00	-25.07	Horizontal
6 27.53	5.47	33.92	2 :	50.24	74.00	-23.76	Vertical
27.55	5.49	29.93	3	51.05	74.00	-22.95	Vertical
		_					
ad Antenna el Factor V) (dB/m)	Loss	Facto	or (d	Level dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
98 27.53	5.47	33.92	2 :	36.06	54.00	-17.94	Horizontal
18 27.55	5.49	29.93	3	36.59	54.00	-17.41	Horizontal
'4 27 53	5.47	33.92	2	37.82	54.00	-16.18	Vertical
7 27.00		1				-15.61	Vertical
3	el Factor (dB/m) 33 27.53 32 27.55 36 27.53 34 27.55 36 Antenna Factor (dB/m) 38 27.53	el Factor (dB/m) (dB) 33 27.53 5.47 32 27.55 5.49 36 27.55 5.49 37 27.55 5.49 38 27.55 5.49 39 27.55 5.49 30 27.55 5.49 30 27.55 5.49 31 27.55 5.49 32 27.53 5.47 33 27.53 5.47 34 27.55 5.49 35 27.55 5.49	el Factor (dB/m) Loss (dB) Factor (dB) V) (dB/m) (dB) (dB) 33 27.53 5.47 33.93 32 27.55 5.49 29.93 34 27.55 5.49 29.93 34 27.55 5.49 29.93 35 40 Cable Factor Loss Factor (dB/m) 40 40 40 40 40 40 40 40 40	el Factor (dB/m) Loss (dB) Factor (dB) (dB) 33 27.53 5.47 33.92 32 27.55 5.49 29.93 36 27.53 5.47 33.92 34 27.55 5.49 29.93 36 27.55 5.49 29.93 37 29.93 20.00 20.00 38 27.53 5.47 33.92 38 27.53 5.47 33.92 38 27.53 5.47 33.92 39 30.00 30.00 30.00 30 30.00 30.00 30.00 30 30.00 30.00 30.00 30 30.00 30.00 30.00 30 30.00 30.00 30.00 30 30.00 30.00 30.00 30.00 30 30.00 30.00 30.00 30.00 30 30 30.00 30.00 30.00	el Factor (dB/m) Loss (dB) Factor (dB) Level (dBuV/m) 33 27.53 5.47 33.92 48.41 32 27.55 5.49 29.93 48.93 36 27.53 5.47 33.92 50.24 34 27.55 5.49 29.93 51.05 34 27.55 5.49 29.93 51.05 35 27.53 5.47 33.92 36.06 36 27.53 5.47 33.92 36.06 36 27.55 5.49 29.93 36.59 37 27.53 5.47 33.92 37.82	el Factor (dB/m) Loss (dB) Factor (dB) Level (dBuV/m) Limit Line (dBuV/m) 33 27.53 5.47 33.92 48.41 74.00 32 27.55 5.49 29.93 48.93 74.00 36 27.53 5.47 33.92 50.24 74.00 34 27.55 5.49 29.93 51.05 74.00 36 27.55 5.49 29.93 51.05 74.00 37 40<	el Factor (dB/m) Loss (dB) Factor (dB) Level (dBuV/m) Limit Line (dBuV/m) Limit Line (dB) 33 27.53 5.47 33.92 48.41 74.00 -25.59 32 27.55 5.49 29.93 48.93 74.00 -25.07 36 27.53 5.47 33.92 50.24 74.00 -23.76 34 27.55 5.49 29.93 51.05 74.00 -22.95 36 Antenna Factor (dB/m) Cable Loss (dB) Level (dBuV/m) Limit Line (dBuV/m) Over Limit (dB) 37 5.47 33.92 36.06 54.00 -17.94 38 27.53 5.47 33.92 36.59 54.00 -17.41 38 27.53 5.47 33.92 37.82 54.00 -16.18

Test channel:

802.11n(HT40)

Remark.

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^{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.



7.7 Spurious Emission

7.7.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)					
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance V03					
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.					
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane					
Test Instruments:	Refer to section 6.0 for details					
Test mode:	Refer to section 5.3 for details					
Test results:	Pass					

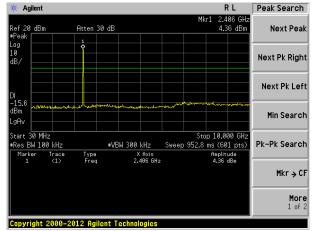


Test plot as follows:

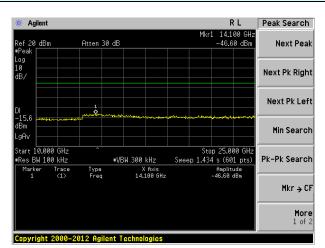
Test mode:

802.11b

Lowest channel

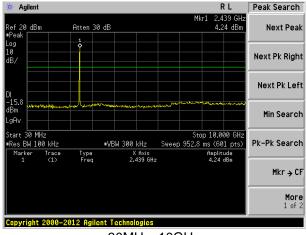


30MHz~10GHz

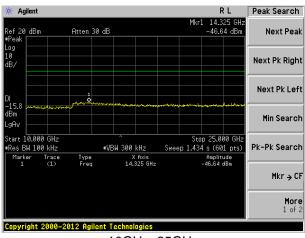


10GHz~25GHz

Middle channel

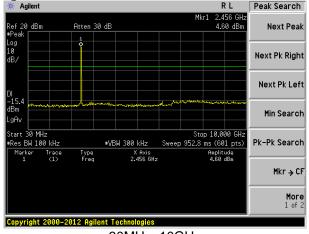


30MHz~10GHz

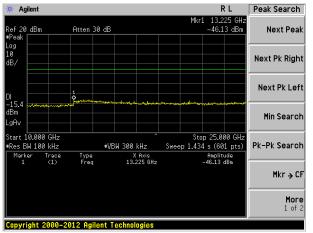


10GHz~25GHz





30MHz~10GHz



10GHz~25GHz

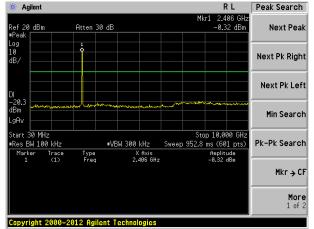
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Test mode:

802.11g

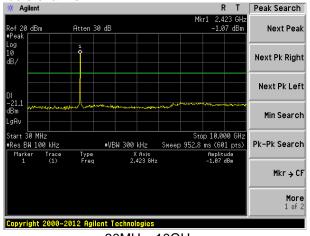
Lowest channel



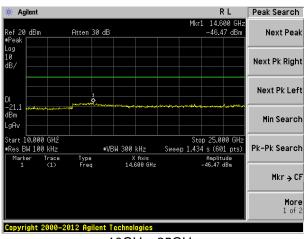
30MHz~10GHz

10GHz~25GHz

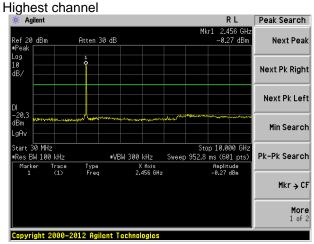
Middle channel



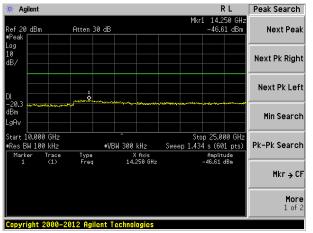
30MHz~10GHz



10GHz~25GHz



30MHz~10GHz



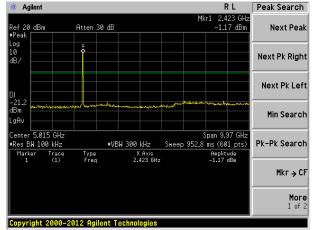
10GHz~25GHz



Test mode:

802.11n(HT20)

Lowest channel

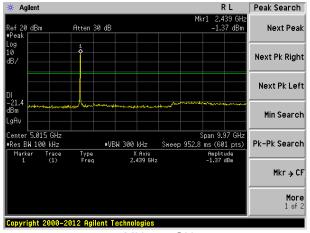


30MHz~10GHz

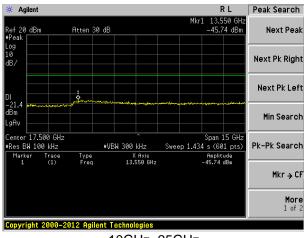
R L Peak Search 🗰 Agilent Next Peak Atten 30 dB Next Pk Right Next Pk Left Min Search Center 17.500 GHz #Res BW 100 kHz Span 15 GHz Sweep 1.434 s (601 pts) Pk-Pk Search #VBW 300 kHz Amplitude -46.15 dBm X Axis 13.725 GHz Mkr → CF More 1 of 2 Copyright 2000-2012 Agilent Technologies

10GHz~25GHz

Middle channel

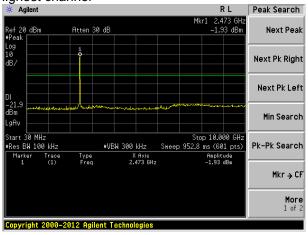


30MHz~10GHz

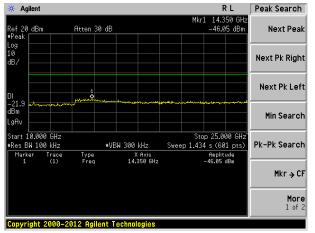


10GHz~25GHz





30MHz~10GHz



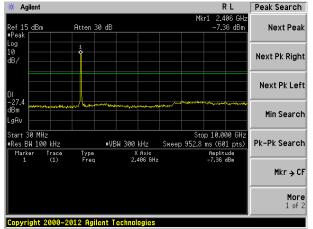
10GHz~25GHz



Test mode:

802.11n(HT40)

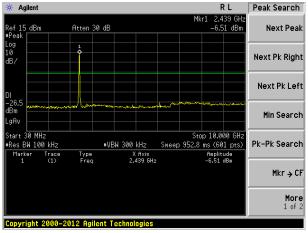
Lowest channel



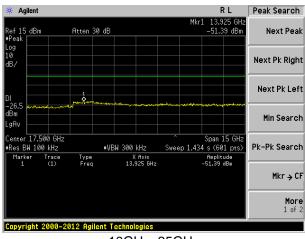
30MHz~10GHz

10GHz~25GHz

Middle channel

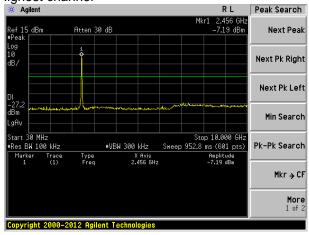


30MHz~10GHz

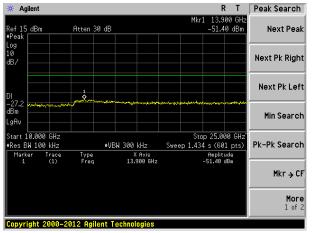


10GHz~25GHz





30MHz~10GHz



10GHz~25GHz

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7.7.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Se	ection 15.209											
Test Method:	ANSI C63.10:201	13											
Test Frequency Range:	30MHz to 25GHz	30MHz to 25GHz											
Test site:	Measurement Dis	stance: 3m											
Receiver setup:	Frequency	<u>'</u>											
	30MHz-1GHz	30MHz-1GHz Quasi-peak 120KHz 300KHz											
	Above 1CHz	Above 1GHz Peak 1MHz 3MHz								About 10Hz Peak 1MHz 3MHz P			
	Above 1GHZ	RMS	1MHz	3MHz	Average								
Limit:	Frequen	icy I	_imit (dBuV/	/m @3m)	Value								
	30MHz-88	MHz	40.0	0	Quasi-peak								
	88MHz-216	6MHz	43.5	0	Quasi-peak								
	216MHz-96	216MHz-960MHz 46.00 Quasi-peak											
	960MHz-1	960MHz-1GHz 54.00 Quasi-peak											
	Above 10	Above 1GHz 54.00 Average											
	Above 1GH2 74.00 Peak												
	Turn John Community Commun	4m		Search Antenna RF Test Receiver									
	Above 1GHz			Antenna Tower									
	Horn Antenna Am Turn Table V 1.5m A Amplifier												

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Test Procedure:	1. The EUT was placed on the top of a rotating table (0.8 meters for below 1GHz and 1.5 meters for above 1GHz) 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.
	3. 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.
	4. 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.
	6. 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.
	7. The radiation measurements are performed in X, Y, Z axis positioning. And found the Y axis positioning which it is worse case, only the test worst case mode is recorded in the report.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

Remark:

Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.



Measurement Data

■ Below 1GHz

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
31.51	48.70	14.32	0.57	30.09	33.50	40.00	-6.50	Vertical
51.48	47.34	15.19	0.79	29.99	33.33	40.00	-6.67	Vertical
92.14	45.78	14.33	1.13	29.74	31.50	43.50	-12.00	Vertical
180.02	46.71	11.68	1.74	29.27	30.86	43.50	-12.64	Vertical
361.71	36.60	16.43	2.68	29.68	26.03	46.00	-19.97	Vertical
890.73	31.14	23.00	4.82	29.11	29.85	46.00	-16.15	Vertical
61.13	40.53	14.29	0.87	29.91	25.78	40.00	-14.22	Horizontal
94.76	44.28	14.84	1.15	29.72	30.55	43.50	-12.95	Horizontal
216.02	47.08	13.07	1.93	29.36	32.72	46.00	-13.28	Horizontal
360.45	39.14	16.43	2.67	29.69	28.55	46.00	-17.45	Horizontal
842.13	31.23	22.51	4.63	29.16	29.21	46.00	-16.79	Horizontal
938.83	33.21	23.34	4.99	29.10	32.44	46.00	-13.56	Horizontal



Above 1GHz

Test mode:		802.11b		Test	channel:	Lowe	est	
Peak value:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4824.00	40.97	31.79	8.62	32.10	49.28	74.00	-24.72	Vertical
7236.00	34.64	36.19	11.68	31.97	50.54	74.00	-23.46	Vertical
9648.00	33.02	38.07	14.16	31.56	53.69	74.00	-20.31	Vertical
12060.00	*					74.00		Vertical
14472.00	*					74.00		Vertical
16884.00	*					74.00		Vertical
4824.00	39.53	31.79	8.62	32.10	47.84	74.00	-26.16	Horizontal
7236.00	34.34	36.19	11.68	31.97	50.24	74.00	-23.76	Horizontal
9648.00	32.57	38.07	14.16	31.56	53.24	74.00	-20.76	Horizontal
12060.00	*					74.00		Horizontal
14472.00	*					74.00		Horizontal
16884.00	*					74.00		Horizontal
Average val								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4824.00	30.00	31.79	8.62	32.10	38.31	54.00	-15.69	Vertical
7236.00	23.50	36.19	11.68	31.97	39.40	54.00	-14.60	Vertical
9648.00	23.35	38.07	14.16	31.56	44.02	54.00	-9.98	Vertical
12060.00	*					54.00		Vertical
14472.00	*					54.00		Vertical
16884.00	*					54.00		Vertical
4824.00	29.03	31.79	8.62	32.10	37.34	54.00	-16.66	Horizontal
7236.00	22.91	36.19	11.68	31.97	38.81	54.00	-15.19	Horizontal
9648.00	22.31	38.07	14.16	31.56	42.98	54.00	-11.02	Horizontal
12060.00	*					54.00		Horizontal
14472.00	*					54.00		Horizontal
16884.00	*					54.00		Horizontal

Remark:

Project No.: GTSE150300321RF

^{1.} Final Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

^{2. &}quot;*", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11b		Те	st channel:	Midd	le	
Peak value:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Pream Factor (dB)	1 4//41	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4874.00	39.91	31.85	8.66	32.12	48.30	74.00	-25.70	Vertical
7311.00	34.64	36.37	11.71	31.91	50.81	74.00	-23.19	Vertical
9748.00	33.98	38.27	14.25	31.56	54.94	74.00	-19.06	Vertical
12185.00	*					74.00		Vertical
14622.00	*					74.00		Vertical
17059.00	*					74.00		Vertical
4874.00	40.30	31.85	8.66	32.12	48.69	74.00	-25.31	Horizontal
7311.00	33.24	36.37	11.71	31.91	49.41	74.00	-24.59	Horizontal
9748.00	33.85	38.27	14.25	31.56	54.81	74.00	-19.19	Horizontal
12185.00	*					74.00		Horizontal
14622.00	*					74.00		Horizontal
17059.00	*					74.00		Horizontal
Average val	ue:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Pream Factor (dB)	1 4/4	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4874.00	30.72	31.85	8.66	32.12	39.11	54.00	-14.89	Vertical
7311.00	22.95	36.37	11.71	31.91	39.12	54.00	-14.88	Vertical
9748.00	23.23	38.27	14.25	31.56	44.19	54.00	-9.81	Vertical
12185.00	*					54.00		Vertical
14622.00	*					54.00		Vertical
17059.00	*					54.00		Vertical
4874.00	30.38	31.85	8.66	32.12	38.77	54.00	-15.23	Horizontal
7311.00	22.32	36.37	11.71	31.91	38.49	54.00	-15.51	Horizontal
9748.00	23.56	38.27	14.25	31.56	44.52	54.00	-9.48	Horizontal
12185.00	*					54.00		Horizontal
14622.00	*					54.00		Horizontal
17059.00	*	_				54.00		Horizontal

Remark:

^{1.} Final Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

^{2. &}quot;*", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11b		Test	channel:	High	est	
Peak value:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4924.00	45.84	31.90	8.70	32.15	54.29	74.00	-19.71	Vertical
7386.00	35.57	36.49	11.76	31.83	51.99	74.00	-22.01	Vertical
9848.00	37.46	38.62	14.31	31.77	58.62	74.00	-15.38	Vertical
12310.00	*					74.00		Vertical
14772.00	*					74.00		Vertical
17234.00	*					74.00		Vertical
4924.00	45.00	31.90	8.70	32.15	53.45	74.00	-20.55	Horizontal
7386.00	34.40	36.49	11.76	31.83	50.82	74.00	-23.18	Horizontal
9848.00	33.60	38.62	14.31	31.77	54.76	74.00	-19.24	Horizontal
12310.00	*					74.00		Horizontal
14772.00	*					74.00		Horizontal
17234.00	*					74.00		Horizontal
Average val	ue:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4924.00	36.68	31.90	8.70	32.15	45.13	54.00	-8.87	Vertical
7386.00	25.47	36.49	11.76	31.83	41.89	54.00	-12.11	Vertical
9848.00	25.95	38.62	14.31	31.77	47.11	54.00	-6.89	Vertical
12310.00	*					54.00		Vertical
14772.00	*					54.00		Vertical
17234.00	*					54.00		Vertical
4924.00	35.31	31.90	8.70	32.15	43.76	54.00	-10.24	Horizontal
7386.00	23.77	36.49	11.76	31.83	40.19	54.00	-13.81	Horizontal
9848.00	22.84	38.62	14.31	31.77	44.00	54.00	-10.00	Horizontal
12310.00	*					54.00		Horizontal
14772.00	*					54.00		Horizontal
17234.00	*					54.00		Horizontal

Remark:

^{1.} Final Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

^{2. &}quot;*", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11g		Test channel:		lowes	st	
Peak value:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4824.00	39.76	31.79	8.62	32.10	48.07	74.00	-25.93	Vertical
7236.00	33.88	36.19	11.68	31.97	49.78	74.00	-24.22	Vertical
9648.00	32.47	38.07	14.16	31.56	53.14	74.00	-20.86	Vertical
12060.00	*					74.00		Vertical
14472.00	*					74.00		Vertical
16884.00	*					74.00		Vertical
4824.00	38.51	31.79	8.62	32.10	46.82	74.00	-27.18	Horizontal
7236.00	33.67	36.19	11.68	31.97	49.57	74.00	-24.43	Horizontal
9648.00	32.07	38.07	14.16	31.56	52.74	74.00	-21.26	Horizontal
12060.00	*					74.00		Horizontal
14472.00	*					74.00		Horizontal
16884.00	*					74.00		Horizontal
Average val			,					
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4824.00	28.89	31.79	8.62	32.10	37.20	54.00	-16.80	Vertical
7236.00	22.76	36.19	11.68	31.97	38.66	54.00	-15.34	Vertical
9648.00	22.83	38.07	14.16	31.56	43.50	54.00	-10.50	Vertical
12060.00	*					54.00		Vertical
14472.00	*					54.00		Vertical
16884.00	*					54.00		Vertica
4824.00	28.08	31.79	8.62	32.10	36.39	54.00	-17.61	Horizontal
7236.00	22.26	36.19	11.68	31.97	38.16	54.00	-15.84	Horizontal
9648.00	21.83	38.07	14.16	31.56	42.50	54.00	-11.50	Horizontal
12060.00	*					54.00		Horizontal
14472.00	*					54.00		Horizontal
16884.00	*					54.00		Horizontal

Remark:

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11g		Test	Test channel:		le	
Peak value:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4874.00	38.91	31.85	8.66	32.12	47.30	74.00	-26.70	Vertical
7311.00	34.01	36.37	11.71	31.91	50.18	74.00	-23.82	Vertical
9748.00	33.53	38.27	14.25	31.56	54.49	74.00	-19.51	Vertical
12185.00	*					74.00		Vertical
14622.00	*					74.00		Vertical
17059.00	*					74.00		Vertical
4874.00	39.46	31.85	8.66	32.12	47.85	74.00	-26.15	Horizontal
7311.00	32.69	36.37	11.71	31.91	48.86	74.00	-25.14	Horizontal
9748.00	33.44	38.27	14.25	31.56	54.40	74.00	-19.60	Horizontal
12185.00	*					74.00		Horizontal
14622.00	*					74.00		Horizontal
17059.00	*					74.00		Horizontal
Average val								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4874.00	29.80	31.85	8.66	32.12	38.19	54.00	-15.81	Vertical
7311.00	22.34	36.37	11.71	31.91	38.51	54.00	-15.49	Vertical
9748.00	22.79	38.27	14.25	31.56	43.75	54.00	-10.25	Vertical
12185.00	*					54.00		Vertical
14622.00	*					54.00		Vertical
17059.00	*					54.00		Vertical
4874.00	29.59	31.85	8.66	32.12	37.98	54.00	-16.02	Horizontal
7311.00	21.78	36.37	11.71	31.91	37.95	54.00	-16.05	Horizontal
9748.00	23.16	38.27	14.25	31.56	44.12	54.00	-9.88	Horizontal
12185.00	*					54.00		Horizontal
14622.00	*					54.00		Horizontal
17059.00	*					54.00		Horizontal

Remark:

^{1.} Final Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

^{2. &}quot;*", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11g		Test	channel:	High	est	
Peak value:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4924.00	44.12	31.90	8.70	32.15	52.57	74.00	-21.43	Vertical
7386.00	34.48	36.49	11.76	31.83	50.90	74.00	-23.10	Vertical
9848.00	36.68	38.62	14.31	31.77	57.84	74.00	-16.16	Vertical
12310.00	*					74.00		Vertical
14772.00	*					74.00		Vertical
17234.00	*					74.00		Vertical
4924.00	43.54	31.90	8.70	32.15	51.99	74.00	-22.01	Horizontal
7386.00	33.45	36.49	11.76	31.83	49.87	74.00	-24.13	Horizontal
9848.00	32.88	38.62	14.31	31.77	54.04	74.00	-19.96	Horizontal
12310.00	*					74.00		Horizontal
14772.00	*					74.00		Horizontal
17234.00	*					74.00		Horizontal
Average val	ue:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4924.00	35.09	31.90	8.70	32.15	43.54	54.00	-10.46	Vertical
7386.00	24.42	36.49	11.76	31.83	40.84	54.00	-13.16	Vertical
9848.00	25.20	38.62	14.31	31.77	46.36	54.00	-7.64	Vertical
12310.00	*					54.00		Vertical
14772.00	*					54.00		Vertical
17234.00	*					54.00		Vertical
4924.00	33.95	31.90	8.70	32.15	42.40	54.00	-11.60	Horizontal
7386.00	22.85	36.49	11.76	31.83	39.27	54.00	-14.73	Horizontal
9848.00	22.15	38.62	14.31	31.77	43.31	54.00	-10.69	Horizontal
12310.00	*					54.00		Horizontal
14772.00	*					54.00		Horizontal
17234.00	*					54.00		Horizontal

Remark:

^{1.} Final Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

^{2. &}quot;*", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11n(H	IT20)	Test	channel:	Lowe	est	
Peak value:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4824.00	40.39	31.79	8.62	32.10	48.70	74.00	-25.30	Vertical
7236.00	34.28	36.19	11.68	31.97	50.18	74.00	-23.82	Vertical
9648.00	32.76	38.07	14.16	31.56	53.43	74.00	-20.57	Vertical
12060.00	*					74.00		Vertical
14472.00	*					74.00		Vertical
16884.00	*					74.00		Vertical
4824.00	39.04	31.79	8.62	32.10	47.35	74.00	-26.65	Horizontal
7236.00	34.02	36.19	11.68	31.97	49.92	74.00	-24.08	Horizontal
9648.00	32.33	38.07	14.16	31.56	53.00	74.00	-21.00	Horizontal
12060.00	*					74.00		Horizontal
14472.00	*					74.00		Horizontal
16884.00	*					74.00		Horizontal
Average val	ue:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4824.00	29.46	31.79	8.62	32.10	37.77	54.00	-16.23	Vertical
7236.00	23.14	36.19	11.68	31.97	39.04	54.00	-14.96	Vertical
9648.00	23.10	38.07	14.16	31.56	43.77	54.00	-10.23	Vertical
12060.00	*					54.00		Vertical
14472.00	*					54.00		Vertical
16884.00	*					54.00		Vertical
4824.00	28.58	31.79	8.62	32.10	36.89	54.00	-17.11	Horizontal
7236.00	22.60	36.19	11.68	31.97	38.50	54.00	-15.50	Horizontal
9648.00	22.08	38.07	14.16	31.56	42.75	54.00	-11.25	Horizontal
12060.00	*					54.00		Horizontal
14472.00	*					54.00		Horizontal
16884.00	*					54.00		Horizontal

Remark:

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11n(H	IT20)	Test	channel:	Midd	le	
Peak value:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4874.00	39.43	31.85	8.66	32.12	47.82	74.00	-26.18	Vertical
7311.00	34.34	36.37	11.71	31.91	50.51	74.00	-23.49	Vertical
9748.00	33.77	38.27	14.25	31.56	54.73	74.00	-19.27	Vertical
12185.00	*					74.00		Vertical
14622.00	*					74.00		Vertical
17059.00	*					74.00		Vertical
4874.00	39.89	31.85	8.66	32.12	48.28	74.00	-25.72	Horizontal
7311.00	32.97	36.37	11.71	31.91	49.14	74.00	-24.86	Horizontal
9748.00	33.65	38.27	14.25	31.56	54.61	74.00	-19.39	Horizontal
12185.00	*					74.00		Horizontal
14622.00	*					74.00		Horizontal
17059.00	*					74.00		Horizontal
Average val	ue:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4874.00	30.27	31.85	8.66	32.12	38.66	54.00	-15.34	Vertical
7311.00	22.65	36.37	11.71	31.91	38.82	54.00	-15.18	Vertical
9748.00	23.02	38.27	14.25	31.56	43.98	54.00	-10.02	Vertical
12185.00	*					54.00		Vertical
14622.00	*					54.00		Vertical
17059.00	*					54.00		Vertical
4874.00	30.00	31.85	8.66	32.12	38.39	54.00	-15.61	Horizontal
7311.00	22.06	36.37	11.71	31.91	38.23	54.00	-15.77	Horizontal
9748.00	23.37	38.27	14.25	31.56	44.33	54.00	-9.67	Horizontal
12185.00	*					54.00		Horizontal
14622.00	*					54.00		Horizontal
17059.00	*					54.00		Horizontal

Remark:

^{1.} Final Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

^{2. &}quot;*", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11n(H	IT20)	٦	Test o	channel:		Highe	est	
Peak value:										
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Prear Fact (dB	or	Level (dBuV/m)	Limit L (dBuV		Over Limit (dB)	polarization
4924.00	45.01	31.90	8.70	32.1	5	53.46	74.00		-20.54	4924.00
7386.00	35.05	36.49	11.76	31.8	3	51.47	74.0	0	-22.53	7386.00
9848.00	37.09	38.62	14.31	31.7	7	58.25	74.0	0	-15.75	9848.00
12310.00	*						74.0	0		Vertical
14772.00	*						74.0	0		Vertical
17234.00	*						74.0	0		Vertical
4924.00	44.30	31.90	8.70	32.1	5	52.75	74.0	0	-21.25	Horizontal
7386.00	33.94	36.49	11.76	31.8	33	50.36	74.0	0	-23.64	Horizontal
9848.00	33.26	38.62	14.31	31.7	7	54.42	74.0	0	-19.58	Horizontal
12310.00	*						74.0	0		Horizontal
14772.00	*						74.0	0		Horizontal
17234.00	*						74.0	0		Horizontal
Average val	ue:				•					
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Prear Fact (dB	or	Level (dBuV/m)	Limit L (dBuV		Over Limit (dB)	polarization
4924.00	35.92	31.90	8.70	32.1	5	44.37	54.0	0	-9.63	Vertical
7386.00	24.96	36.49	11.76	31.8	33	41.38	54.0	0	-12.62	Vertical
9848.00	25.59	38.62	14.31	31.7	7	46.75	54.0	0	-7.25	Vertical
12310.00	*						54.0	0		Vertical
14772.00	*						54.0	0		Vertical
17234.00	*						54.0	0		Vertical
4924.00	34.66	31.90	8.70	32.1	5	43.11	54.0	0	-10.89	Horizontal
7386.00	23.33	36.49	11.76	31.8	33	39.75	54.0	0	-14.25	Horizontal
9848.00	22.51	38.62	14.31	31.7	7	43.67	54.0	0	-10.33	Horizontal
12310.00	*	_					54.0	0		Horizontal
14772.00	*						54.0	0		Horizontal
17234.00	*						54.0	0		Horizontal

Remark:

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

^{2 &}quot;*", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11n(HT40)			Test	channel:		Lowe	st	
Peak value:		•								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)		Level (dBuV/m)	Limit Line (dBuV/m)		Over Limit (dB)	polarization
4844.00	39.11	31.81	8.63	32.11		47.44	74.00		-26.56	Vertical
7266.00	33.47	36.28	11.69	31.94		49.50	74.00		-24.50	Vertical
9688.00	32.18	38.13	14.21	31.52		53.00	74.00		-21.00	Vertical
12060.00	*						74.	00		Vertical
14472.00	*						74.	00		Vertical
16884.00	*						74.	00		Vertical
4844.00	37.97	31.81	8.63	32	.11	46.30	74.	00	-27.70	Horizontal
7266.00	33.32	36.28	11.69	31.94		49.35	74.	00	-24.65	Horizontal
9688.00	31.80	38.13	14.21	31.52		52.62	74.	00	-21.38	Horizontal
12060.00	*						74.	00		Horizontal
14472.00	*						74.	00		Horizontal
16884.00	*						74.	00		Horizontal

Average value:

Average var	uc.							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4844.00	28.29	31.81	8.63	32.11	36.62	54.00	-17.38	Vertical
7266.00	22.37	36.28	11.69	31.94	38.40	54.00	-15.60	Vertical
9688.00	22.55	38.13	14.21	31.52	43.37	54.00	-10.63	Vertical
12060.00	*					54.00		Vertical
14472.00	*					54.00		Vertical
16884.00	*					54.00		Vertical
4844.00	27.57	31.81	8.63	32.11	35.90	54.00	-18.10	Horizontal
7266.00	21.92	36.28	11.69	31.94	37.95	54.00	-16.05	Horizontal
9688.00	21.57	38.13	14.21	31.52	42.39	54.00	-11.61	Horizontal
12060.00	*					54.00		Horizontal
14472.00	*					54.00		Horizontal
16884.00	*					54.00		Horizontal

Remark:

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11n(H	IT40)		Test channel:			Midd	le	
Peak value:										
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)		Level (dBuV/m)	Limit Line (dBuV/m)		Over Limit (dB)	polarization
4874.00	38.38	31.85	8.66	32.12		46.77	74.0	00	-27.23	Vertical
7311.00	33.67	36.37	11.71	31.91		49.84	74.0	00	-24.16	Vertical
9748.00	33.29	38.27	14.25	31.56		54.25	74.00		-19.75	Vertical
12185.00	*						74.00			Vertical
14622.00	*						74.00			Vertical
17059.00	*						74.0	00		Vertical
4874.00	39.01	31.85	8.66	32	.12	47.40	74.0	00	-26.60	Horizontal
7311.00	32.39	36.37	11.71	31	.91	48.56	74.0	00	-25.44	Horizontal
9748.00	33.22	38.27	14.25	31	.56	54.18	74.0	00	-19.82	Horizontal
12185.00	*						74.0	00		Horizontal
14622.00	*						74.00			Horizontal
17059.00	*						74.0	00		Horizontal
Average val										
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Fa	amp ctor IB)	Level (dBuV/m)	Limit (dBu\		Over Limit (dB)	polarization
4874.00	29.30	31.85	8.66	32	.12	37.69	54.0	00	-16.31	Vertical
7311.00	22.01	36.37	11.71	31	.91	38.18	54.0	00	-15.82	Vertical
9748.00	22.56	38.27	14.25	31	.56	43.52	54.0	00	-10.48	Vertical
12185.00	*						54.0	00		Vertical
14622.00	*						54.0	00		Vertical
17059.00	*						54.0	00		Vertical
4874.00	29.17	31.85	8.66	32	.12	37.56	54.0	00	-16.44	Horizontal
7311.00	21.50	36.37	11.71	31	.91	37.67	54.0	00	-16.33	Horizontal
9748.00	22.94	38.27	14.25	31	.56	43.90	54.0	00	-10.10	Horizontal
12185.00	*						54.0	00		Horizontal
14622.00	*						54.0	00		Horizontal
17059.00	*						54.0	00		Horizontal

Remark:

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. "*", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11n(H	IT40)) Test channel:		Highe					
Peak value:						•					
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization			
4904.00	43.20	31.88	8.68	32.13	51.63	74.00	-22.37	Vertical			
7356.00	33.90	36.45	11.75	31.86	50.24	74.00	-23.76	Vertical			
9808.00	36.27	38.43	14.29	31.68	57.31	74.00	-16.69	Vertical			
12310.00	*					74.00		Vertical			
14772.00	*					74.00		Vertical			
17234.00	*					74.00		Vertical			
4904.00	42.77	31.88	8.68	32.13	51.20	74.00	-22.80	Horizontal			
7356.00	32.94	36.45	11.75	31.86	49.28	74.00	-24.72	Horizontal			
9808.00	32.50	38.43	14.29	31.68	53.54	74.00	-20.46	Horizontal			
12310.00	*					74.00		Horizontal			
14772.00	*					74.00		Horizontal			
17234.00	*					74.00		Horizontal			
Average val	Average value:										
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization			
4904.00	34.25	31.88	8.68	32.13	42.68	54.00	-11.32	Vertical			
7356.00	23.86	36.45	11.75	31.86	40.20	54.00	-13.80	Vertical			
9808.00	24.80	38.43	14.29	31.68	45.84	54.00	-8.16	Vertical			
12310.00	*					54.00		Vertical			
14772.00	*					54.00		Vertical			
17234.00	*					54.00		Vertical			
4904.00	33.22	31.88	8.68	32.13	41.65	54.00	-12.35	Horizontal			
7356.00	22.35	36.45	11.75	31.86	38.69	54.00	-15.31	Horizontal			
9808.00	21.78	38.43	14.29	31.68	42.82	54.00	-11.18	Horizontal			
12310.00	*					54.00		Horizontal			
14772.00	*					54.00		Horizontal			
17234.00	*	_				54.00		Horizontal			

Remark:

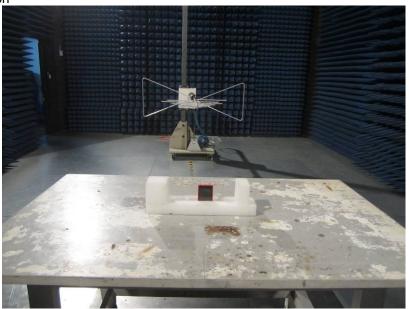
¹ Final Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

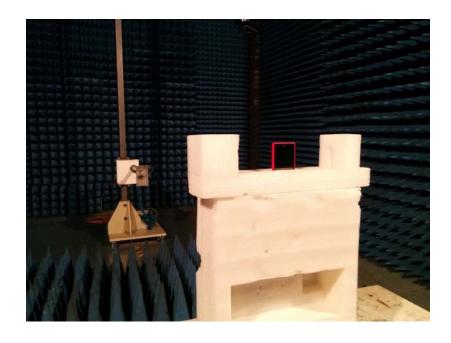
^{2 &}quot;*", means this data is the too weak instrument of signal is unable to test.



8 Test Setup Photo

Radiated Emission







Conducted Emission



9 EUT Constructional Details

Reference to the test report No. GTSE15030032101

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