

Global United Technology Services Co., Ltd.

Report No.: GTS16000002E02

FCC Report (WIFI)

Applicant: Distribuidora Sinn, S.A. de C.V.

Address of Applicant: Lago Zurich No.219 Piso 12, Colonia Ampliacion Granada,

Del. Miguel Hidalgo, Mexico City, Mexico

Equipment Under Test (EUT)

Product Name: 3G Smartphone

Model No.: R355

Trade mark: RINNO

FCC ID: 2AGTF-R355

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

Date of sample receipt: January 05, 2016

Date of Test: January 06-11 2016

Date of report issued: January 12, 2016

Test Result: PASS *

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 this report.

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



2 Version

Version No.	Date	Description
00	January 12, 2016	Original

Prepared By:	Edward.Pan	Date:	January 12, 2016
	Project Engineer		
Check By:	hank. yan Reviewer	Date:	January 12, 2016



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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.

Remark: Test according to ANSI C63.4:2014 and ANSI C63.10:2013.

Measurement Uncertainty

Test Item	Frequency Range	Measurement Uncertainty	Notes		
Radiated Emission	9kHz ~ 30MHz	± 4.34dB	(1)		
Radiated Emission	30MHz ~ 1000MHz	± 4.24dB	(1)		
Radiated Emission	1GHz ~ 26.5GHz	± 4.68dB	(1)		
AC Power Line Conducted Emission	0.15MHz ~ 30MHz	± 3.45dB	(1)		
Note (1): The measurement unce	ertainty is for coverage factor of k	=2 and a level of confidence of 9	95%.		



5 General Information

5.1 Client Information

Applicant:	Distribuidora Sinn, S.A. de C.V.			
Address of Applicant:	Lago Zurich No.219 Piso 12, Colonia Ampliacion Granada, Del. Miguel Hidalgo, Mexico City, Mexico			
Manufacturer:	New Explorer Telecom Co.Ltd			
Address of Manufacturer:	Room 5B, 5 Floor, BLDG.1, Financial Base, No.8 Kefa Rd., Nanshan, Shenzhen, China			

5.2 General Description of EUT

Product Name:	3G Smartphone	
Model No.:	R355	
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:	1.0dBi	
Power supply:	Adapter	
	Model No.: U0B2E0A050100	
	Input: AC 100-240V, 50/60Hz, 0.15A	
	Output: DC 5.0V, 1.0A	
	or	
	DC 3.7V Li-ion Battery	



Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz		

Note:

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 channel	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
-------------------	--

Remark: During the test, the dutycycle >98%, 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.



5.5 Test Facility

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

• FCC —Registration No.: 600491

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fuly 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.

5.6 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: No. 301-309, 3/F., Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Tel: 0755-27798480 Fax: 0755-27798960



6 Test Instruments list

Rad	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	June 30 2015	June 29 2016		
5	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June 30 2015	June 29 2016		
6	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	9120D-829	GTS208	June 26 2015	June 25 2016		
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	June 30 2015	June 29 2016		
14	Amplifier(2GHz-20GHz)	HP	8349B	GTS206	June 30 2015	June 29 2016		
15	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June 26 2015	June 25 2016		
16	Band filter	Amindeon	82346	GTS219	Mar. 28 2015	Mar. 27 2016		
17	Power Meter	Anritsu	ML2495A	GTS540	June 30 2015	June 29 2016		
18	Power Sensor	Anritsu	MA2411B	GTS541	June 30 2015	June 29 2016		

Con	ducted 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 2015	Sep. 06 2016
2	EMI Test Receiver	Rohde & Schwarz	ESCS30	GTS223	June 30 2015	June 29 2016
3	10dB Pulse Limita	Rohde & Schwarz	N/A	GTS224	June 30 2015	June 29 2016
4	Coaxial Switch	ANRITSU CORP	MP59B	GTS225	June 30 2015	June 29 2016
5	LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK 8127	GTS226	June 30 2015	June 29 2016
6	Coaxial Cable	GTS	N/A	GTS227	June 30 2015	June 29 2016
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 07 2015	July 06 2016				



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





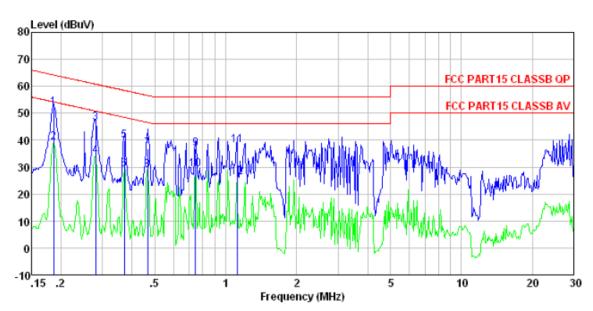
7.2 Conducted Emissions

Test Requirement:	FCC Part15 C Section 15.207	,				
Test Method:	ANSI C63.10:2013					
Test Frequency Range:	150KHz to 30MHz					
. , ,	Class B					
Class / Severity:	RBW=9KHz, VBW=30KHz, S	woon time-oute				
Receiver setup:	RBVV-9KHZ, VBVV-3UKHZ, S					
Limit:	Frequency range (MHz)	Limit (c				
	0.15-0.5	Quasi-peak 66 to 56*	Average 56 to 46*			
	0.5-5	56	46			
	5-30	60	50			
	* Decreases with the logarithm	n of the frequency.				
Test setup:	Reference Plane					
	AUX Equipment Test table/Insulation plane Remark E.U.T. Equipment Under Test LISN LISN Filter AC power EMI Receiver					
Test procedure:	 The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This 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 C63.10:2013 on conducted measurement.					
Test Instruments:	Refer to section 6.0 for details					
Test mode:	Refer to section 5.3 for details					
Test results:	Pass					



Measurement data

Line:



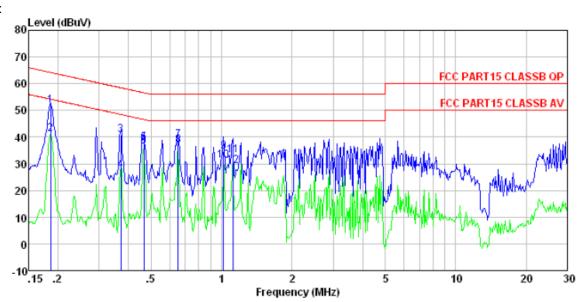
Condition : FCC PART15 CLASSB QP LISN-2013 LINE

Job No. : 0002 Test mode : Wifi mode Test Engineer: Arslan

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.186	51.74	52.01	0.14	0.13	64.20	-12.19	QP
2 3	0.186	38.74	39.01	0.14	0.13	54.20	-15.19	Average
3	0.280	46.20	46.41	0.11	0.10	60.81	-14.40	QP
4	0.280	33.87	34.08	0.11	0.10	50.81	-16.73	Average
4 5 6 7	0.371	39.60	39.81	0.11	0.10	58.47	-18.66	QP
6	0.371	29.05	29.26	0.11	0.10	48.47	-19.21	Average
	0.466	36.61	36.84	0.12	0.11	56.58	-19.74	QP
8 9	0.466	28.69	28.92	0.12	0.11	46.58	-17.66	Average
9	0.743	36.70	36.97	0.14	0.13	56.00	-19.03	QP
10	0.743	29.06	29.33	0.14	0.13	46.00	-16.67	Average
11	1.117	38.03	38.29	0.13	0.13	56.00	-17.71	QP
12	1.117	25.92	26.18	0.13	0.13	46.00	-19.82	Average



Neutral:



Condition : FCC PART15 CLASSB QP LISN-2013 NEUTRAL

Job No. : 0002 Test mode : Wifi mode Test Engineer: Arslan

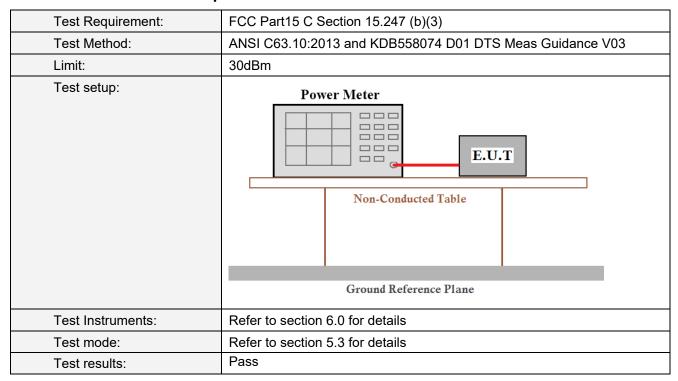
	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	d₿	dBuV	dB	
1	0.186	51.48	51.68	0.07	0.13		-12.52	-
2	0.186	40.91	41.11	0.07	0.13	54.20	-13.09	Average
3	0.371	40.57	40.73	0.06	0.10	58.47	-17.74	QP
4	0.371	27.44	27.60	0.06	0.10	48.47	-20.87	Average
4 5	0.466	37.69	37.86	0.06	0.11		-18.72	
6	0.466	36.42	36.59	0.06	0.11	46.58	-9.99	Average
7	0.654	38.70	38.90	0.07	0.13		-17.10	_
8	0.654	36.67	36.87	0.07	0.13	46.00	-9.13	Average
9	1.021	34.18	34.38	0.07	0.13	56.00	-21.62	QP
10	1.021	30.92	31.12	0.07	0.13	46.00	-14.88	Average
11	1.117	33.09	33.30	0.08	0.13	56.00	-22.70	QP
12	1.117	28.88	29.09	0.08	0.13	46.00	-16.91	Average

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	802.11g	802.11n(HT20)	802.11n(HT40)	Limit(abin)	Mesuit
Lowest	18.18	15.23	15.29	13.08		Pass
Middle	18.43	15.42	16.29	15.04	30.00	
Highest	17.05	15.64	15.36	13.12		



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			

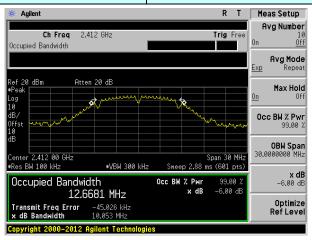
Measurement Data

Test CH		Channel E	Limit(KHz)	Result		
1631 011	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)	Lillin(IXI IZ)	Nesuit
Lowest	10.053	15.071	15.726	35.351		
Middle	9.132	15.875	15.951	35.272	>500	Pass
Highest	9.605	15.178	16.953	35.328		

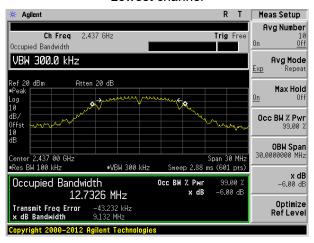
Test plot as follows:



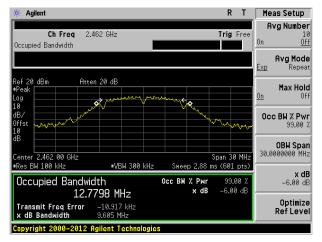
Test mode: 802.11b



Lowest channel



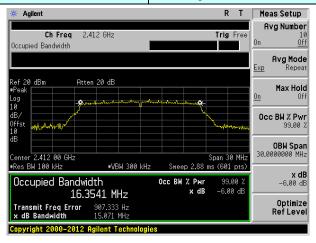
Middle channel



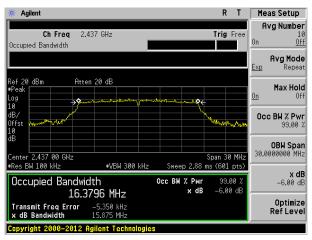
Highest channel



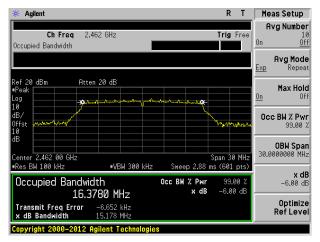
Test mode: 802.11g



Lowest channel



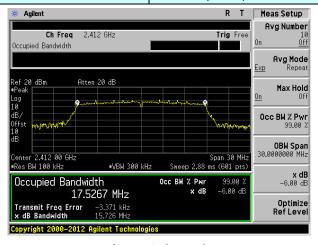
Middle channel



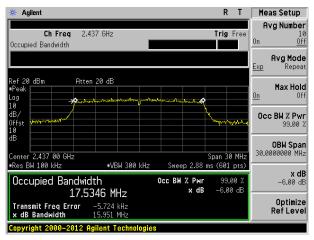
Highest channel



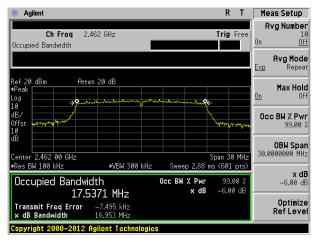
Test mode: 802.11n(HT20)



Lowest channel



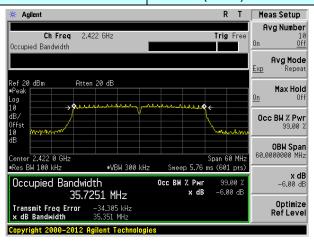
Middle channel



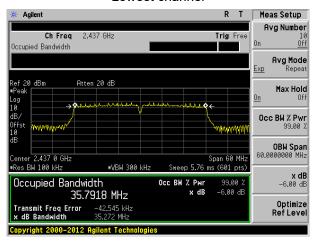
Highest channel



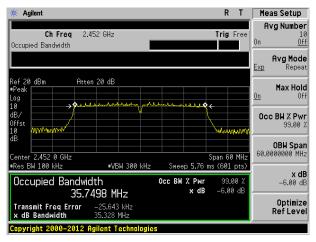
Test mode: 802.11n(HT40)



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				

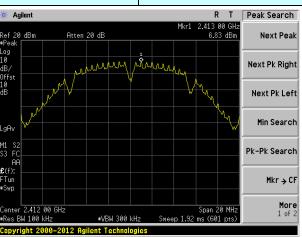
Measurement Data

Test CH		Power Spectra	Limit(dBm/3kHz)	Result		
rest CIT	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)	Limit(dBin/3Ki12)	Nesull
Lowest	6.83	1.37	1.70	-3.95		Pass
Middle	7.21	2.12	2.33	-1.89	8.00	
Highest	5.64	2.13	2.05	-3.86		

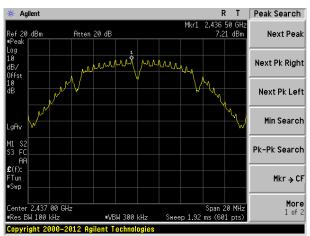


Test plot as follows:

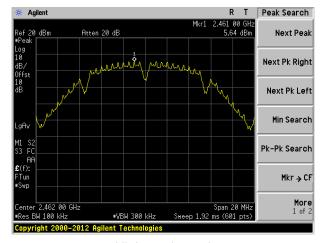
Test mode: 802.11b



Lowest channel



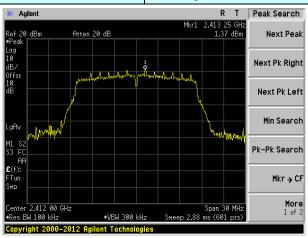
Middle channel



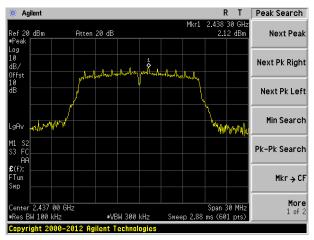
Highest channel



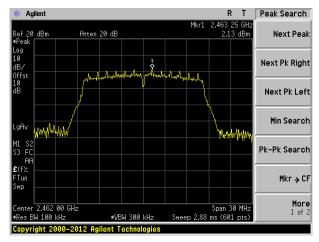
Test mode: 802.11g



Lowest channel



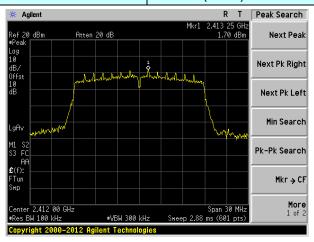
Middle channel



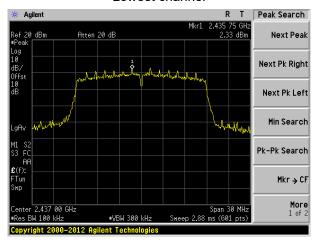
Highest channel



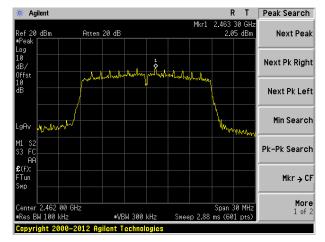
Test mode: 802.11n(HT20)



Lowest channel



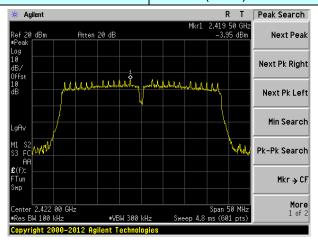
Middle channel



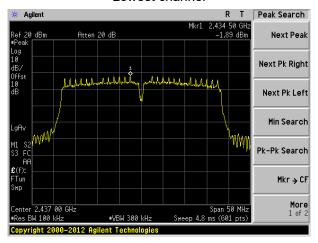
Highest channel



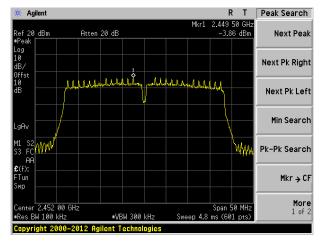
Test mode: 802.11n(HT40)



Lowest channel



Middle channel



Highest channel



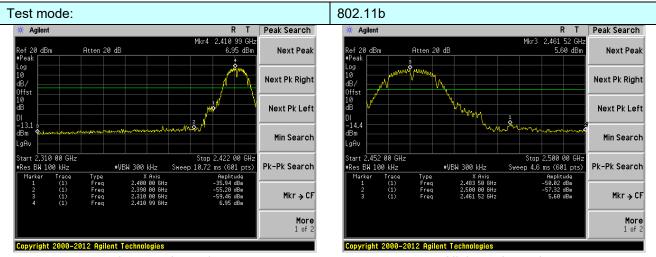
7.6 Band edges

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				



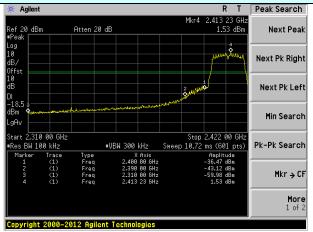
Test plot as follows:



Lowest channel

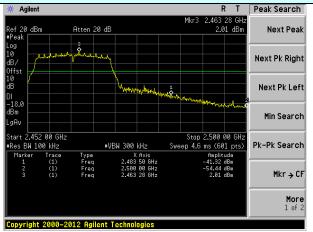
Highest channel

Test mode:



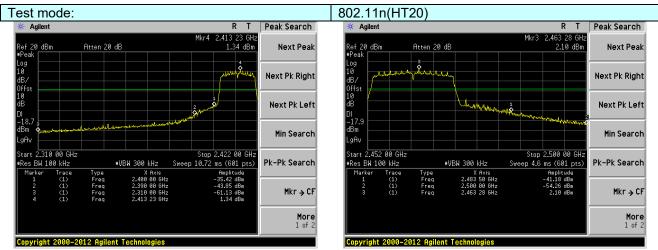
Lowest channel

802.11g



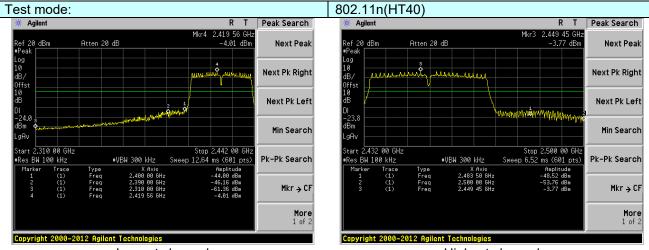
Highest channel





Lowest channel

Highest channel



Lowest channel

Highest channel



7.6.2 Radiated Emission Method

Test Requirement:	FCC Part15 C S	FCC Part15 C Section 15.209 and 15.205						
Test Method:	ANSI C63.10:20	ANSI C63.10:2013						
Test Frequency Range:		All of the restrict bands were tested, only the worst band's (2310MHz to						
		2500MHz) data was showed.						
Test site:	Measurement D							
Receiver setup:	Frequency	Detector	RBW	VBW	Value			
	Above 1GHz	Peak	1MHz	3MHz	Peak			
	7	RMS	1MHz	3MHz	Average			
Limit:	Freque	ency	Limit (dBuV/		Value			
	Above 1	IGHz	54.0		Average			
_	7 13010		74.0	0	Peak			
Test setup:	Turn Table	Horn Antenna Spectrum Analyzer						
Test Procedure:								
Test Instruments:	Refer to section	node is record		/1 L.				
Test mode:	Refer to section							
Test results:	Pass	. C.O IOI GOLAIR	-					
	1							



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:	802.11b		1b	Test channel:			Lowest	
Peak value:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	I I imit	Polarization
2390.00	51.85	27.59	5.38	34.01	50.81	74.00	-23.19	Horizontal
2400.00	60.93	27.58	5.39	34.01	59.89	74.00	-14.11	Horizontal
2390.00	53.55	27.59	5.38	34.01	52.51	74.00	-21.49	Vertical
2400.00	62.79	27.58	5.39	34.01	61.75	74.00	-12.25	Vertical
Average va	Average value:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	I I imit	Polarization
2390.00	38.56	27.59	5.38	34.01	37.52	54.00	-16.48	Horizontal
2400.00	46.87	27.58	5.39	34.01	45.83	54.00	-8.17	Horizontal
2390.00	40.39	27.59	5.38	34.01	39.35	54.00	-14.65	Vertical
2400.00	48.01	27.58	5.39	34.01	46.97	54.00	-7.03	Vertical
Toot mode		000.4	1 h	т.	at abanaal.		Highaat	

Test mode: 802.11b	Test channel:	Highest
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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	52.60	27.53	5.47	33.92	51.68	74.00	-22.32	Horizontal
2500.00	48.36	27.55	5.49	29.93	51.47	74.00	-22.53	Horizontal
2483.50	54.90	27.53	5.47	33.92	53.98	74.00	-20.02	Vertical
2500.00	50.91	27.55	5.49	29.93	54.02	74.00	-19.98	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	38.95	27.53	5.47	33.92	38.03	54.00	-15.97	Horizontal
2500.00	35.01	27.55	5.49	29.93	38.12	54.00	-15.88	Horizontal
2483.50	40.92	27.53	5.47	33.92	40.00	54.00	-14.00	Vertical
2500.00	36.90	27.55	5.49	29.93	40.01	54.00	-13.99	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.



Test mode:		802.11g		Te	Test channel:		Lowest	
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
2390.00	50.47	27.59	5.38	34.01	49.43	74.00	-24.57	Horizontal
2400.00	59.09	27.58	5.39	34.01	58.05	74.00	-15.95	Horizontal
2390.00	52.07	27.59	5.38	34.01	51.03	74.00	-22.97	Vertical
2400.00	60.57	27.58	5.39	34.01	59.53	74.00	-14.47	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
2390.00	37.57	27.59	5.38	34.01	36.53	54.00	-17.47	Horizontal
2400.00	45.74	27.58	5.39	34.01	44.70	54.00	-9.30	Horizontal
2390.00	39.30	27.59	5.38	34.01	38.26	54.00	-15.74	Vertical
2400.00	46.78	27.58	5.39	34.01	45.74	54.00	-8.26	Vertical
Test mode:		802.1	1g	Te	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	50.63	27.53	5.47	33.92	49.71	74.00	-24.29	Horizontal
2500.00	46.83	27.55	5.49	29.93	49.94	74.00	-24.06	Horizontal
2483.50	52.64	27.53	5.47	33.92	51.72	74.00	-22.28	Vertical
2500.00	49.12	27.55	5.49	29.93	52.23	74.00	-21.77	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	37.76	27.53	5.47	33.92	36.84	54.00	-17.16	Horizontal
2500.00	34.09	27.55	5.49	29.93	37.20	54.00	-16.80	Horizontal
0400.50	39.60	27.53	5.47	33.92	38.68	54.00	-15.32	Vertical
2483.50	39.00	27.00	0.11					

Global United Technology Services Co., Ltd.

No. 301-309, 3/F., Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

1. 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.: GTS16000002E02

Lowest

i est illoue.		002.1	111(11120)	10	St Ghaillei.		LOWEST	
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
2390.00	50.61	27.59	5.38	34.01	49.57	74.00	-24.43	Horizontal
2400.00	59.27	27.58	5.39	34.01	58.23	74.00	-15.77	Horizontal
2390.00	52.21	27.59	5.38	34.01	51.17	74.00	-22.83	Vertical
2400.00	60.78	27.58	5.39	34.01	59.74	74.00	-14.26	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
2390.00	37.67	27.59	5.38	34.01	36.63	54.00	-17.37	Horizontal
2400.00	45.85	27.58	5.39	34.01	44.81	54.00	-9.19	Horizontal
2390.00	39.40	27.59	5.38	34.01	38.36	54.00	-15.64	Vertical
2400.00	46.89	27.58	5.39	34.01	45.85	54.00	-8.15	Vertical
Test mode:		802.1	1n(HT20)	Te	est 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	50.81	27.53	5.47	33.92	49.89	74.00	-24.11	Horizontal
2500.00	46.98	27.55	5.49	29.93	50.09	74.00	-23.91	Horizontal
2483.50	52.86	27.53	5.47	33.92	51.94	74.00	-22.06	Vertical
2500.00	49.29	27.55	5.49	29.93	52.40	74.00	-21.60	Vertical
Average va	lue:	•			•	1	1	•
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	37.87	27.53	5.47	33.92	36.95	54.00	-17.05	Horizontal
2500.00	34.18	27.55	5.49	29.93	37.29	54.00	-16.71	Horizontal
2483.50	39.73	27.53	5.47	33.92	38.81	54.00	-15.19	Vertical
2500.00	36.02	27.55	5.49	29.93	39.13	54.00	-14.87	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.



Test mode:

Report No.: GTS16000002E02

Lowest

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
2390.00	49.93	27.59	5.38	34.01	48.89	74.00	-25.11	Horizontal
2400.00	58.37	27.58	5.39	34.01	57.33	74.00	-16.67	Horizontal
2390.00	51.49	27.59	5.38	34.01	50.45	74.00	-23.55	Vertical
2400.00	59.70	27.58	5.39	34.01	58.66	74.00	-15.34	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
2390.00	37.19	27.59	5.38	34.01	36.15	54.00	-17.85	Horizontal
2400.00	45.29	27.58	5.39	34.01	44.25	54.00	-9.75	Horizontal
2390.00	38.87	27.59	5.38	34.01	37.83	54.00	-16.17	Vertical
2400.00	46.29	27.58	5.39	34.01	45.25	54.00	-8.75	Vertical
Test mode:		000.4	4 (1.17.40)	l —		_		
TOST HIDGE.		802.1	1n(HT40)	le	st channel:	F	lighest	
Peak value:		802.1	1n(H140)	le:	st channel:	F	lighest	
	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
Peak value:	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Polarization Horizontal
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)	
Peak value: Frequency (MHz) 2483.50	Read Level (dBuV) 49.85	Antenna Factor (dB/m) 27.53	Cable Loss (dB) 5.47	Preamp Factor (dB) 33.92	Level (dBuV/m) 48.93	Limit Line (dBuV/m) 74.00	Over Limit (dB) -25.07	Horizontal
Frequency (MHz) 2483.50 2500.00	Read Level (dBuV) 49.85 46.23	Antenna Factor (dB/m) 27.53 27.55	Cable Loss (dB) 5.47 5.49	Preamp Factor (dB) 33.92 29.93	Level (dBuV/m) 48.93 49.34	Limit Line (dBuV/m) 74.00 74.00	Over Limit (dB) -25.07 -24.66	Horizontal Horizontal
Peak value: Frequency (MHz) 2483.50 2500.00 2483.50	Read Level (dBuV) 49.85 46.23 51.76 48.41	Antenna Factor (dB/m) 27.53 27.55 27.53	Cable Loss (dB) 5.47 5.49 5.47	Preamp Factor (dB) 33.92 29.93 33.92	Level (dBuV/m) 48.93 49.34 50.84	Limit Line (dBuV/m) 74.00 74.00 74.00	Over Limit (dB) -25.07 -24.66 -23.16	Horizontal Horizontal Vertical
Peak value: Frequency (MHz) 2483.50 2500.00 2483.50 2500.00	Read Level (dBuV) 49.85 46.23 51.76 48.41	Antenna Factor (dB/m) 27.53 27.55 27.53	Cable Loss (dB) 5.47 5.49 5.47	Preamp Factor (dB) 33.92 29.93 33.92	Level (dBuV/m) 48.93 49.34 50.84	Limit Line (dBuV/m) 74.00 74.00 74.00	Over Limit (dB) -25.07 -24.66 -23.16	Horizontal Horizontal Vertical
Frequency (MHz) 2483.50 2500.00 2483.50 2500.00 Average va	Read Level (dBuV) 49.85 46.23 51.76 48.41 Iue:	Antenna Factor (dB/m) 27.53 27.55 27.53 27.55	Cable Loss (dB) 5.47 5.49 5.47 5.49 Cable Loss	Preamp Factor (dB) 33.92 29.93 33.92 29.93 Preamp Factor	Level (dBuV/m) 48.93 49.34 50.84 51.52	Limit Line (dBuV/m) 74.00 74.00 74.00 74.00 Contract the contract of the contr	Over Limit (dB) -25.07 -24.66 -23.16 -22.48 Over Limit	Horizontal Horizontal Vertical Vertical
Frequency (MHz) 2483.50 2500.00 2483.50 2500.00 Average va Frequency (MHz)	Read Level (dBuV) 49.85 46.23 51.76 48.41 Iue: Read Level (dBuV)	Antenna Factor (dB/m) 27.53 27.55 27.55 Antenna Factor (dB/m)	Cable Loss (dB) 5.47 5.49 5.47 Cable Loss (dB)	Preamp Factor (dB) 33.92 29.93 33.92 29.93 Preamp Factor (dB)	Level (dBuV/m) 48.93 49.34 50.84 51.52 Level (dBuV/m)	Limit Line (dBuV/m) 74.00 74.00 74.00 74.00 Limit Line (dBuV/m)	Over Limit (dB) -25.07 -24.66 -23.16 -22.48 Over Limit (dB)	Horizontal Horizontal Vertical Vertical Polarization
Peak value: Frequency (MHz) 2483.50 2500.00 2483.50 2500.00 Average va Frequency (MHz) 2483.50	Read Level (dBuV) 49.85 46.23 51.76 48.41 Iue: Read Level (dBuV) 37.29	Antenna Factor (dB/m) 27.53 27.55 27.53 27.55 Antenna Factor (dB/m) 27.53	Cable Loss (dB) 5.47 5.49 5.47 Cable Loss (dB) 5.47	Preamp Factor (dB) 33.92 29.93 33.92 29.93 Preamp Factor (dB) 33.92	Level (dBuV/m) 48.93 49.34 50.84 51.52 Level (dBuV/m)	Limit Line (dBuV/m) 74.00 74.00 74.00 74.00 Limit Line (dBuV/m) 54.00	Over Limit (dB) -25.07 -24.66 -23.16 -22.48 Over Limit (dB) -17.63	Horizontal Horizontal Vertical Vertical Polarization Horizontal
Peak value: Frequency (MHz) 2483.50 2500.00 2483.50 2500.00 Average va Frequency (MHz) 2483.50 2500.00	Read Level (dBuV) 49.85 46.23 51.76 48.41 Iue: Read Level (dBuV) 37.29 33.72	Antenna Factor (dB/m) 27.53 27.55 27.55 Antenna Factor (dB/m) 27.53 27.55	Cable Loss (dB) 5.47 5.49 Cable Loss (dB) 5.47 5.49	Preamp Factor (dB) 33.92 29.93 33.92 29.93 Preamp Factor (dB) 33.92 29.93	Level (dBuV/m) 48.93 49.34 50.84 51.52 Level (dBuV/m) 36.37 36.83	Limit Line (dBuV/m) 74.00 74.00 74.00 74.00 Cimit Line (dBuV/m) 54.00 54.00	Over Limit (dB) -25.07 -24.66 -23.16 -22.48 Over Limit (dB) -17.63 -17.17	Horizontal Horizontal Vertical Vertical Polarization Horizontal Horizontal

Test channel:

802.11n(HT40)

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

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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					

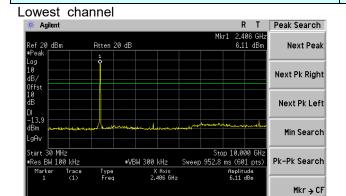


Test plot as follows:

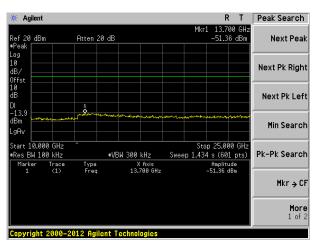
Test mode:

802.11b

More 1 of 2

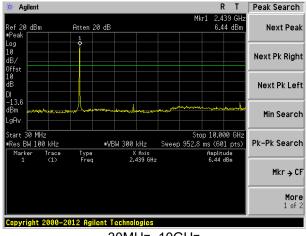




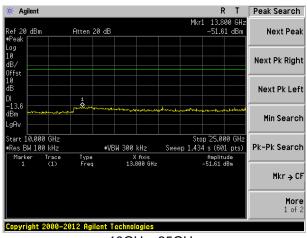


10GHz~25GHz

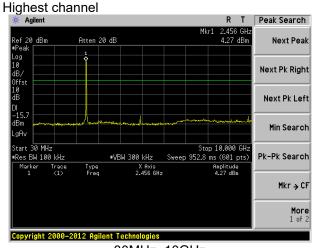
Middle channel



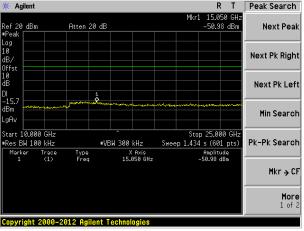
30MHz~10GHz



10GHz~25GHz



30MHz~10GHz



10GHz~25GHz

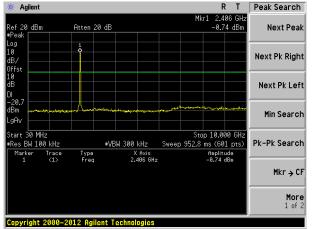
Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960



Test mode:

802.11g

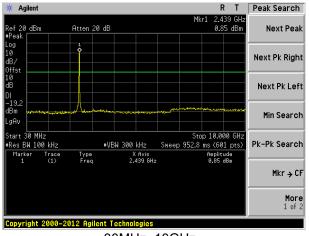
Lowest channel



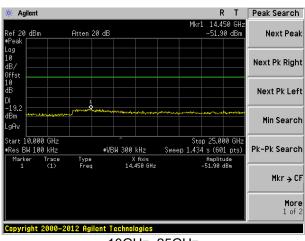
30MHz~10GHz

10GHz~25GHz

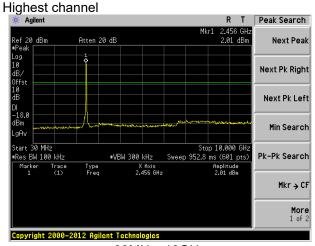
Middle channel



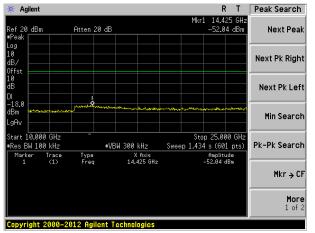
30MHz~10GHz



10GHz~25GHz



30MHz~10GHz



10GHz~25GHz

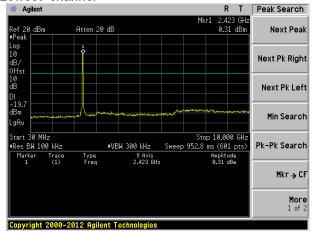
Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960



Test mode:

802.11n(HT20)

Lowest channel

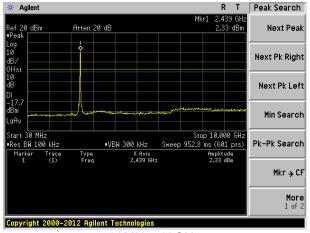


30MHz~10GHz

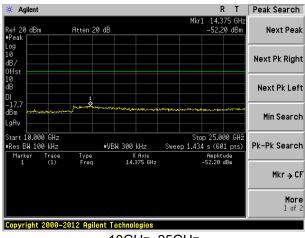
R T Peak Search 🗰 Agilent Next Peak Atten 20 dB Next Pk Right Next Pk Left Min Search Start 10.000 GHz ■Res BW 100 kHz Stop 25.000 GH: Sweep 1.434 s (601 pts) Pk-Pk Search #VBW 300 kHz Type Freq Amplitude -52.11 dBm X Axis 14.200 GHz Mkr → CF More 1 of 2 Copyright 2000-2012 Agilent Technologies

10GHz~25GHz

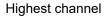
Middle channel

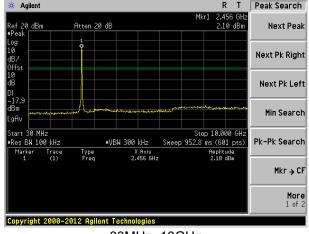


30MHz~10GHz

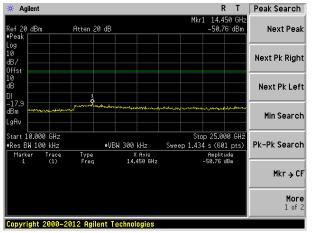


10GHz~25GHz





30MHz~10GHz



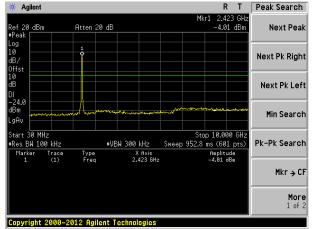
10GHz~25GHz



Test mode:

802.11n(HT40)

Lowest channel

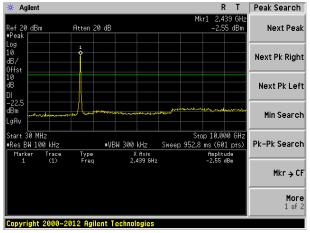


30MHz~10GHz

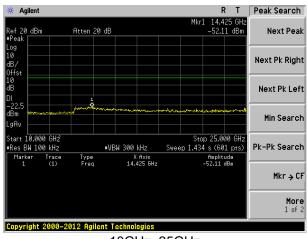
R T Peak Search Atten 20 dB Next Peak Next Pk Right Next Pk Left Min Search Stop 25.000 GH: Sweep 1.434 s (601 pts) #VBW 300 kHz Pk-Pk Search ■Res BW 100 kHz Type Freq X Axis 13.775 GHz -51.68 dBm Mkr → CF More 1 of 2 Copyright 2000-2012 Agilent Technologies

10GHz~25GHz

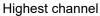
Middle channel

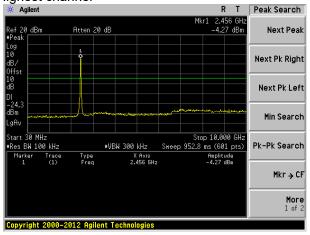


30MHz~10GHz

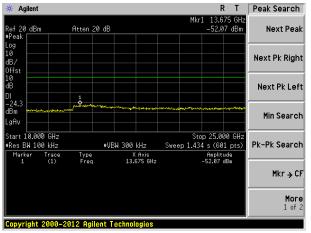


10GHz~25GHz





30MHz~10GHz



10GHz~25GHz

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7.7.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209								
Test Method:	ANSI C63.10:2013								
Test Frequency Range:	30MHz to 25GHz								
Test site:	Measurement Di	Measurement Distance: 3m							
Receiver setup:	Frequency Detector RBW VBW Value								
	30MHz-1GHz Quasi-peak 120KHz 300KHz Quasi-peak								
	Above 1GHz Peak 1MHz 3MHz Peak								
	Above IGHZ	RMS	1MHz	3MHz	Average				
Limit:	Frequen	ісу	Limit (dBuV/	/m @3m)	Value				
	30MHz-88	MHz	40.0	0	Quasi-peak				
	88MHz-216	6MHz	43.5	0	Quasi-peak				
	216MHz-96	0MHz	46.0	0	Quasi-peak				
	960MHz-1	GHz	54.0	0	Quasi-peak				
	Above 10	211-7	54.0	0	Average				
	Above 10	JI 12	74.0	0	Peak				
Test setup:	Below 1GHz Tum Table Ground Plane Above 1GHz	4m		Antenna Tower Search Antenna RF Test Receiver					

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	Antenna Tower Horn Antenna Turn Table 1.5m A Im A Amplifier
Test Procedure:	The EUT was placed on the top of a rotating table(0.8 meters below 1G and 1.5 meters above 1G) 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
32.18	44.63	14.32	0.58	30.09	29.44	40.00	-10.56	Vertical
56.79	41.36	14.89	0.83	29.94	27.14	40.00	-12.86	Vertical
91.50	37.89	14.24	1.12	29.74	23.51	43.50	-19.99	Vertical
150.01	42.98	10.26	1.57	29.41	25.40	43.50	-18.10	Vertical
300.37	46.09	15.06	2.36	29.99	33.52	46.00	-12.48	Vertical
449.56	40.31	17.57	3.08	29.40	31.56	46.00	-14.44	Vertical
59.44	33.56	14.73	0.86	29.93	19.22	40.00	-20.78	Horizontal
103.81	39.20	14.78	1.22	29.68	25.52	43.50	-17.98	Horizontal
207.85	40.93	12.80	1.89	29.28	26.34	43.50	-17.16	Horizontal
350.48	47.07	16.27	2.62	29.73	36.23	46.00	-9.77	Horizontal
449.56	36.79	17.57	3.08	29.40	28.04	46.00	-17.96	Horizontal
851.04	37.66	22.60	4.66	29.15	35.77	46.00	-10.23	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	41.32	31.79	8.62	32.10	49.63	74.00	-24.37	Vertical
7236.00	34.87	36.19	11.68	31.97	50.77	74.00	-23.23	Vertical
9648.00	33.18	38.07	14.16	31.56	53.85	74.00	-20.15	Vertical
12060.00	*					74.00		Vertical
14472.00	*					74.00		Vertical
16884.00	*					74.00		Vertical
4824.00	39.83	31.79	8.62	32.10	48.14	74.00	-25.86	Horizontal
7236.00	34.54	36.19	11.68	31.97	50.44	74.00	-23.56	Horizontal
9648.00	32.72	38.07	14.16	31.56	53.39	74.00	-20.61	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	30.32	31.79	8.62	32.10	38.63	54.00	-15.37	Vertical
7236.00	23.71	36.19	11.68	31.97	39.61	54.00	-14.39	Vertical
9648.00	23.51	38.07	14.16	31.56	44.18	54.00	-9.82	Vertical
12060.00	*					54.00		Vertical
14472.00	*					54.00		Vertical
16884.00	*					54.00		Vertical
4824.00	29.32	31.79	8.62	32.10	37.63	54.00	-16.37	Horizontal
7236.00	23.10	36.19	11.68	31.97	39.00	54.00	-15.00	Horizontal
9648.00	22.45	38.07	14.16	31.56	43.12	54.00	-10.88	Horizontal
12060.00	*					54.00		Horizontal
14472.00	*					54.00		Horizontal
16884.00	*					54.00		Horizontal

Remark:

Project No.: GTS16000002

^{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:	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	40.20	31.85	8.66	32.12	48.59	74.00	-25.41	Vertical
7311.00	34.83	36.37	11.71	31.91	51.00	74.00	-23.00	Vertical
9748.00	34.12	38.27	14.25	31.56	55.08	74.00	-18.92	Vertical
12185.00	*					74.00		Vertical
14622.00	*					74.00		Vertical
17059.00	*					74.00		Vertical
4874.00	40.55	31.85	8.66	32.12	48.94	74.00	-25.06	Horizontal
7311.00	33.40	36.37	11.71	31.91	49.57	74.00	-24.43	Horizontal
9748.00	33.98	38.27	14.25	31.56	54.94	74.00	-19.06	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	30.99	31.85	8.66	32.12	39.38	54.00	-14.62	Vertical
7311.00	23.12	36.37	11.71	31.91	39.29	54.00	-14.71	Vertical
9748.00	23.35	38.27	14.25	31.56	44.31	54.00	-9.69	Vertical
12185.00	*					54.00		Vertical
14622.00	*					54.00		Vertical
17059.00	*					54.00		Vertical
4874.00	30.62	31.85	8.66	32.12	39.01	54.00	-14.99	Horizontal
7311.00	22.47	36.37	11.71	31.91	38.64	54.00	-15.36	Horizontal
9748.00	23.68	38.27	14.25	31.56	44.64	54.00	-9.36	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	46.35	31.90	8.70	32.15	54.80	74.00	-19.20	Vertical
7386.00	35.89	36.49	11.76	31.83	52.31	74.00	-21.69	Vertical
9848.00	37.69	38.62	14.31	31.77	58.85	74.00	-15.15	Vertical
12310.00	*					74.00		Vertical
14772.00	*					74.00		Vertical
17234.00	*					74.00		Vertical
4924.00	45.42	31.90	8.70	32.15	53.87	74.00	-20.13	Horizontal
7386.00	34.68	36.49	11.76	31.83	51.10	74.00	-22.90	Horizontal
9848.00	33.81	38.62	14.31	31.77	54.97	74.00	-19.03	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	37.15	31.90	8.70	32.15	45.60	54.00	-8.40	Vertical
7386.00	25.78	36.49	11.76	31.83	42.20	54.00	-11.80	Vertical
9848.00	26.17	38.62	14.31	31.77	47.33	54.00	-6.67	Vertical
12310.00	*					54.00		Vertical
14772.00	*					54.00		Vertical
17234.00	*					54.00		Vertical
4924.00	35.71	31.90	8.70	32.15	44.16	54.00	-9.84	Horizontal
7386.00	24.04	36.49	11.76	31.83	40.46	54.00	-13.54	Horizontal
9848.00	23.05	38.62	14.31	31.77	44.21	54.00	-9.79	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	39.78	31.79	8.62	32.10	48.09	74.00	-25.91	Vertical
7236.00	33.89	36.19	11.68	31.97	49.79	74.00	-24.21	Vertical
9648.00	32.48	38.07	14.16	31.56	53.15	74.00	-20.85	Vertical
12060.00	*					74.00		Vertical
14472.00	*					74.00		Vertical
16884.00	*					74.00		Vertical
4824.00	38.53	31.79	8.62	32.10	46.84	74.00	-27.16	Horizontal
7236.00	33.68	36.19	11.68	31.97	49.58	74.00	-24.42	Horizontal
9648.00	32.08	38.07	14.16	31.56	52.75	74.00	-21.25	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	28.91	31.79	8.62	32.10	37.22	54.00	-16.78	Vertical
7236.00	22.77	36.19	11.68	31.97	38.67	54.00	-15.33	Vertical
9648.00	22.84	38.07	14.16	31.56	43.51	54.00	-10.49	Vertical
12060.00	*					54.00		Vertical
14472.00	*					54.00		Vertical
16884.00	*					54.00		Vertica
4824.00	28.10	31.79	8.62	32.10	36.41	54.00	-17.59	Horizontal
7236.00	22.28	36.19	11.68	31.97	38.18	54.00	-15.82	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. &}quot;*", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11g		Te	est ch	nannel:	Midd	le	
Peak value:									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Pream Facto (dB)	r	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4874.00	38.93	31.85	8.66	32.12	2	47.32	74.00	-26.68	Vertical
7311.00	34.02	36.37	11.71	31.91		50.19	74.00	-23.81	Vertical
9748.00	33.54	38.27	14.25	31.56	5	54.50	74.00	-19.50	Vertical
12185.00	*						74.00		Vertical
14622.00	*						74.00		Vertical
17059.00	*						74.00		Vertical
4874.00	39.47	31.85	8.66	32.12		47.86	74.00	-26.14	Horizontal
7311.00	32.70	36.37	11.71	31.91		48.87	74.00	-25.13	Horizontal
9748.00	33.45	38.27	14.25	31.56	i	54.41	74.00	-19.59	Horizontal
12185.00	*						74.00		Horizontal
14622.00	*						74.00		Horizontal
17059.00	*						74.00		Horizontal
Average val				1				•	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Pream Facto (dB)	r	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4874.00	29.81	31.85	8.66	32.12	<u>.</u>	38.20	54.00	-15.80	Vertical
7311.00	22.35	36.37	11.71	31.91		38.52	54.00	-15.48	Vertical
9748.00	22.80	38.27	14.25	31.56	;	43.76	54.00	-10.24	Vertical
12185.00	*						54.00		Vertical
14622.00	*						54.00		Vertical
17059.00	*						54.00		Vertical
4874.00	29.61	31.85	8.66	32.12		38.00	54.00	-16.00	Horizontal
7311.00	21.79	36.37	11.71	31.91		37.96	54.00	-16.04	Horizontal
9748.00	23.17	38.27	14.25	31.56	;	44.13	54.00	-9.87	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	44.15	31.90	8.70	32.15	52.60	74.00	-21.40	Vertical
7386.00	34.50	36.49	11.76	31.83	50.92	74.00	-23.08	Vertical
9848.00	36.70	38.62	14.31	31.77	57.86	74.00	-16.14	Vertical
12310.00	*					74.00		Vertical
14772.00	*					74.00		Vertical
17234.00	*					74.00		Vertical
4924.00	43.57	31.90	8.70	32.15	52.02	74.00	-21.98	Horizontal
7386.00	33.46	36.49	11.76	31.83	49.88	74.00	-24.12	Horizontal
9848.00	32.89	38.62	14.31	31.77	54.05	74.00	-19.95	Horizontal
12310.00	*					74.00		Horizontal
14772.00	*					74.00		Horizontal
17234.00	*					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
4924.00	35.12	31.90	8.70	32.15	43.57	54.00	-10.43	Vertical
7386.00	24.44	36.49	11.76	31.83	40.86	54.00	-13.14	Vertical
9848.00	25.21	38.62	14.31	31.77	46.37	54.00	-7.63	Vertical
12310.00	*					54.00		Vertical
14772.00	*					54.00		Vertical
17234.00	*					54.00		Vertical
4924.00	33.97	31.90	8.70	32.15	42.42	54.00	-11.58	Horizontal
7386.00	22.86	36.49	11.76	31.83	39.28	54.00	-14.72	Horizontal
9848.00	22.17	38.62	14.31	31.77	43.33	54.00	-10.67	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	39.77	31.79	8.62	32.10	48.08	74.00	-25.92	Vertical
7236.00	33.89	36.19	11.68	31.97	49.79	74.00	-24.21	Vertical
9648.00	32.48	38.07	14.16	31.56	53.15	74.00	-20.85	Vertical
12060.00	*					74.00		Vertical
14472.00	*					74.00		Vertical
16884.00	*					74.00		Vertical
4824.00	38.52	31.79	8.62	32.10	46.83	74.00	-27.17	Horizontal
7236.00	33.68	36.19	11.68	31.97	49.58	74.00	-24.42	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	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	28.89	31.79	8.62	32.10	37.20	54.00	-16.80	Vertical
7236.00	22.77	36.19	11.68	31.97	38.67	54.00	-15.33	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		Vertical
4824.00	28.08	31.79	8.62	32.10	36.39	54.00	-17.61	Horizontal
7236.00	22.27	36.19	11.68	31.97	38.17	54.00	-15.83	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:		802.11n(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	38.92	31.85	8.66	32.12	47.31	74.00	-26.69	Vertical
7311.00	34.02	36.37	11.71	31.91	50.19	74.00	-23.81	Vertical
9748.00	33.54	38.27	14.25	31.56	54.50	74.00	-19.50	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	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	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	22.80	38.27	14.25	31.56	43.76	54.00	-10.24	Vertical
12185.00	*					54.00		Vertical
14622.00	*					54.00		Vertical
17059.00	*					54.00		Vertical
4874.00	29.60	31.85	8.66	32.12	37.99	54.00	-16.01	Horizontal
7311.00	21.79	36.37	11.71	31.91	37.96	54.00	-16.04	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:		802.11n(F	IT20)	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	44.13	31.90	8.70	32.15	52.58	74.00	-21.42	4924.00
7386.00	34.49	36.49	11.76	31.83	50.91	74.00	-23.09	7386.00
9848.00	36.69	38.62	14.31	31.77	57.85	74.00	-16.15	9848.00
12310.00	*					74.00		Vertical
14772.00	*					74.00		Vertical
17234.00	*					74.00		Vertical
4924.00	43.55	31.90	8.70	32.15	52.00	74.00	-22.00	Horizontal
7386.00	33.45	36.49	11.76	31.83	49.87	74.00	-24.13	Horizontal
9848.00	32.89	38.62	14.31	31.77	54.05	74.00	-19.95	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	35.11	31.90	8.70	32.15	43.56	54.00	-10.44	Vertical
7386.00	24.42	36.49	11.76	31.83	40.84	54.00	-13.16	Vertical
9848.00	25.21	38.62	14.31	31.77	46.37	54.00	-7.63	Vertical
12310.00	*					54.00		Vertical
14772.00	*					54.00		Vertical
17234.00	*					54.00		Vertical
4924.00	33.96	31.90	8.70	32.15	42.41	54.00	-11.59	Horizontal
7386.00	22.85	36.49	11.76	31.83	39.27	54.00	-14.73	Horizontal
9848.00	22.16	38.62	14.31	31.77	43.32	54.00	-10.68	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.



Peak value:			802.11n(HT40)			channel:		Lowe	St	
		1								
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	38.95	31.81	8.63	32.11		47.28	74.00		-26.72	Vertical
7266.00	33.37	36.28	11.69	31.94		49.40	74.00		-24.60	Vertical
9688.00	32.11	38.13	14.21	31.52		52.93	74.00		-21.07	Vertical
12060.00	*						74.00			Vertical
14472.00	*						74.0	00		Vertical
16884.00	*						74.0	00		Vertical
4844.00	37.83	31.81	8.63	32.11		46.16	74.0	00	-27.84	Horizontal
7266.00	33.22	36.28	11.69	31.94		49.25	74.0	00	-24.75	Horizontal
9688.00	31.73	38.13	14.21	31.52		52.55	74.0	00	-21.45	Horizontal
12060.00	*						74.0	00		Horizontal
14472.00	*						74.0	00		Horizontal
16884.00	*						74.0	00		Horizontal

Average value:

Average var								
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	28.14	31.81	8.63	32.11	36.47	54.00	-17.53	Vertical
7266.00	22.26	36.28	11.69	31.94	38.29	54.00	-15.71	Vertical
9688.00	22.48	38.13	14.21	31.52	43.30	54.00	-10.70	Vertical
12060.00	*					54.00		Vertical
14472.00	*					54.00		Vertical
16884.00	*					54.00		Vertical
4844.00	27.43	31.81	8.63	32.11	35.76	54.00	-18.24	Horizontal
7266.00	21.83	36.28	11.69	31.94	37.86	54.00	-16.14	Horizontal
9688.00	21.50	38.13	14.21	31.52	42.32	54.00	-11.68	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	38.24	31.85	8.66	32.12		46.63	74.0	00	-27.37	Vertical
7311.00	33.59	36.37	11.71	31.91		49.76	74.00		-24.24	Vertical
9748.00	33.23	38.27	14.25	31.56		54.19	74.00		-19.81	Vertical
12185.00	*						74.00			Vertical
14622.00	*						74.00			Vertical
17059.00	*						74.00			Vertical
4874.00	38.89	31.85	8.66	32.1	12	47.28	74.00		-26.72	Horizontal
7311.00	32.32	36.37	11.71	31.9	91	48.49	74.00		-25.51	Horizontal
9748.00	33.16	38.27	14.25	31.56		54.12	74.00		-19.88	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)	Prea Fact (dE	or	Level (dBuV/m)	Limit (dBu\		Over Limit (dB)	polarization
4874.00	29.18	31.85	8.66	32.1	12	37.57	54.0	00	-16.43	Vertical
7311.00	21.93	36.37	11.71	31.9	91	38.10	54.0	00	-15.90	Vertical
9748.00	22.50	38.27	14.25	31.5	56	43.46	54.0	00	-10.54	Vertical
12185.00	*						54.0	00		Vertical
14622.00	*						54.0	00		Vertical
17059.00	*						54.0	00		Vertical
4874.00	29.06	31.85	8.66	32.1	12	37.45	54.0	00	-16.55	Horizontal
7311.00	21.42	36.37	11.71	31.9	91	37.59	54.0	00	-16.41	Horizontal
9748.00	22.89	38.27	14.25	31.5	56	43.85	54.0	00	-10.15	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. &}quot;*", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11n(H	IT40)	Test	channel:	Highe	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
4904.00	42.96	31.88	8.68	32.13	51.39	74.00	-22.61	Vertical
7356.00	33.75	36.45	11.75	31.86	50.09	74.00	-23.91	Vertical
9808.00	36.16	38.43	14.29	31.68	57.20	74.00	-16.80	Vertical
12310.00	*					74.00		Vertical
14772.00	*					74.00		Vertical
17234.00	*					74.00		Vertical
4904.00	42.57	31.88	8.68	32.13	51.00	74.00	-23.00	Horizontal
7356.00	32.81	36.45	11.75	31.86	49.15	74.00	-24.85	Horizontal
9808.00	32.40	38.43	14.29	31.68	53.44	74.00	-20.56	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
4904.00	34.03	31.88	8.68	32.13	42.46	54.00	-11.54	Vertical
7356.00	23.71	36.45	11.75	31.86	40.05	54.00	-13.95	Vertical
9808.00	24.70	38.43	14.29	31.68	45.74	54.00	-8.26	Vertical
12310.00	*					54.00		Vertical
14772.00	*					54.00		Vertical
17234.00	*					54.00		Vertical
4904.00	33.03	31.88	8.68	32.13	41.46	54.00	-12.54	Horizontal
7356.00	22.23	36.45	11.75	31.86	38.57	54.00	-15.43	Horizontal
9808.00	21.69	38.43	14.29	31.68	42.73	54.00	-11.27	Horizontal
12310.00	*					54.00		Horizontal
14772.00	*					54.00		Horizontal
17234.00	*					54.00		Horizontal

Remark:

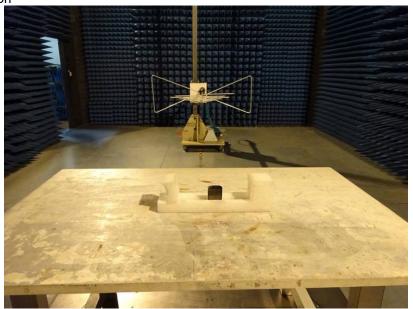
¹ Final Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

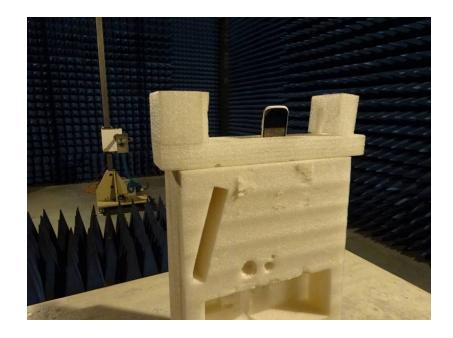
^{2 &}quot;*", means this data is the too weak instrument of signal is unable to test.



8 Test Setup Photo

Radiated Emission







Conducted Emission



9 EUT Constructional Details

Reference to the test report No. GTS16000002E01

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