

Global United Technology Services Co., Ltd.

Report No.: GTS201808000060F02

FCC Report (WIFI)

Applicant: Autel Intelligent Tech. Corp., Ltd.

6th - 10th Floor, Bldg. B1, Zhiyuan, Xueyuan Rd., Xili, **Address of Applicant:**

Nanshan, Shenzhen 518055, China

Autel Intelligent Tech. Corp., Ltd. Manufacturer/Factory:

Address of 6th - 10th Floor, Bldg. B1, Zhiyuan, Xueyuan Rd., Xili,

Manufacturer/Factory: Nanshan, Shenzhen 518055, China

Equipment Under Test (EUT)

Product Name: AUTOMOTIVE DIAGNOSTIC & ANALYSIS SYSTEM

Model No.: MaxiPRO MP908, MaxiPRO MP908Pro

Trade Mark: **AUTEL**

FCC ID: WQ8MAXIPROMP908

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

Date of sample receipt: August 06, 2018

Date of Test: August 07-22, 2018

Date of report issued: August 23, 2018

Test Result: PASS *

Authorized Signature:

Robinson Lo Laboratory Manager

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

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



2 Version

Version No.	Date	Description
00	August 23, 2018	Original

Prepared By:	Tiger. Chen	Date:	August 23, 2018
	Prŏject Engineer		
Check By:	Andy w	Date:	August 23, 2018



3 Contents

			Page
1	COV	/ER PAGE	1
2	VER	SION	2
3	CON	NTENTS	9
3	CON	NIENIS	
4	TES	T SUMMARY	4
5	GEN	IERAL INFORMATION	5
	5.1	GENERAL DESCRIPTION OF EUT	5
	5.2	TEST MODE	7
	5.3	DESCRIPTION OF SUPPORT UNITS	7
	5.4	TEST FACILITY	
	5.5	TEST LOCATION	
	5.6	ADDITIONAL INSTRUCTIONS	7
6	TES	T INSTRUMENTS LIST	8
7	TES	T RESULTS AND MEASUREMENT DATA	10
	7.1	ANTENNA REQUIREMENT	10
	7.2	CONDUCTED EMISSIONS	11
	7.3	CONDUCTED PEAK OUTPUT POWER	
	7.4	CHANNEL BANDWIDTH	
	7.5	Power Spectral Density	
	7.6	BAND EDGES	
	7.6.1		
	7.6.2		
	7.7 7.7.1	SPURIOUS EMISSION	
	7.7.2 7.7.2		
8	TES	T SETUP PHOTO	55
a	FIIT	CONSTRUCTIONAL DETAILS	56



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

Remark: Test according to ANSI C63.10:2013.

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

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 uncertainty is for coverage factor of k=2 and a level of confidence of 95%.					



5 General Information

5.1 General Description of EUT

AUTOMOTIVE DIAGNOSTIC & ANALYSIS SYSTEM
MaxiPRO MP908, MaxiPRO MP908Pro
MaxiPRO MP908
identical in the same PCB layout, interior structure and electrical circuits. software and model name for commercial purpose.
N/A
GTS201808000060-1
Engineer sample
N/A
N/A
2412MHz~2462MHz(802.11b/802.11g/802.11n(HT20)) 2422MHz~2452MHz(802.11n(HT40))
802.11b/802.11g /802.11n(HT20): 11
802.11n(HT40):7
5MHz
802.11b: Direct Sequence Spread Spectrum (DSSS)
802.11g/802.11n(HT20)/802.11n(HT40):
Orthogonal Frequency Division Multiplexing (OFDM)
Integral Antenna
0.68dBi(declared by manufacturer)
Adapter:
Model No.:GME36A-120300FDS
Input: AC 100~240V, 50/60Hz, 1.2A
Output: DC 12.0V, 3.0A
Or DC 3.8V 15000mAh, 57Wh rechargeable Battery



Operation Frequency each of channel								
Channel Frequency Channel Frequency Channel Frequency Channel						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	



5.2 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:

Pre-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

5.3 **Description of Support Units**

None

5.4 **Test Facility**

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

• FCC —Registration No.: 381383

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 381383, January 08, 2018.

• 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, August 15, 2016.

5.5 **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

5.6 Additional Instructions

EUT Fixed Frequency Settings:

Special test software was pre-built-in by manufacturer.						
Mode	Level Set					
802.11b/g/n(HT20)	CH1	2412				
	CH6	2437				
	CH11	2462	TV laval v datavit			
802.11n(HT40)	CH3	2422	TX level : default			
	CH6	2437				
	CH9	2452				



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	July. 03 2015	July. 02 2020		
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A		
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	June. 27 2018	June. 26 2019		
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June. 27 2018	June. 26 2019		
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	June. 27 2018	June. 26 2019		
6	Horn Antenna	ETS-LINDGREN	3160	GTS217	June. 27 2018	June. 26 2019		
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A		
8	Coaxial Cable	GTS	N/A	GTS213	June. 27 2018	June. 26 2019		
9	Coaxial Cable	GTS	N/A	GTS211	June. 27 2018	June. 26 2019		
10	Coaxial cable	GTS	N/A	GTS210	June. 27 2018	June. 26 2019		
11	Coaxial Cable	GTS	N/A	GTS212	June. 27 2018	June. 26 2019		
12	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June. 27 2018	June. 26 2019		
13	Amplifier(2GHz-20GHz)	HP	84722A	GTS206	June. 27 2018	June. 26 2019		
14	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June. 27 2018	June. 26 2019		
15	Band filter	Amindeon	82346	GTS219	June. 27 2018	June. 26 2019		
16	Power Meter	Anritsu	ML2495A	GTS540	June. 27 2018	June. 26 2019		
17	Power Sensor	Anritsu	MA2411B	GTS541	June. 27 2018	June. 26 2019		
18	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	June. 27 2018	June. 26 2019		
19	Splitter	Agilent	11636B	GTS237	June. 27 2018	June. 26 2019		
20	Loop Antenna	ZHINAN	ZN30900A	GTS534	June. 27 2018	June. 26 2019		



Conduc	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	7.3(L)x3.1(W)x2.9(H)	GTS252	May.16 2014	May.15 2019		
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 27 2018	June. 26 2019		
3	Coaxial Switch	ANRITSU CORP	MP59B	GTS225	June. 27 2018	June. 26 2019		
4	Artificial Mains Network	SCHWARZBECK MESS	NSLK8127	GTS226	June. 27 2018	June. 26 2019		
5	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A		
6	EMI Test Software	AUDIX	E3	N/A	N/A	N/A		
7	Thermo meter	KTJ	TA328	GTS233	June. 27 2018	June. 26 2019		
8	Absorbing clamp	Elektronik- Feinmechanik	MDS21	GTS229	June. 27 2018	June. 26 2019		

Cond	Conducted:									
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)				
1	MXA Signal Analyzer	Agilent	N9020A	GTS566	June. 27 2018	June. 26 2019				
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 27 2018	June. 26 2019				
3	Spectrum Analyzer	Agilent	E4440A	GTS533	June. 27 2018	June. 26 2019				
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	June. 27 2018	June. 26 2019				
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	June. 27 2018	June. 26 2019				
6	USB RF Power Sensor	DARE	RPR3006W	GTS569	June. 27 2018	June. 26 2019				
7	RF Switch Box	Shongyi	RFSW3003328	GTS571	June. 27 2018	June. 26 2019				
8	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 27 2018	June. 26 2019				
9	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	June. 27 2018	June. 26 2019				

Gene	General used equipment:									
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)				
1	Humidity/ Temperature Indicator	KTJ	TA328	GTS243	June. 27 2018	June. 26 2019				
2	Barometer	ChangChun	DYM3	GTS255	June. 27 2018	June. 26 2019				



7 Test results and Measurement Data

7.1 Antenna requirement

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

15.203 requirement:

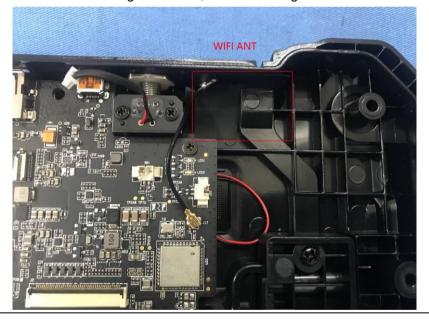
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit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

EUT Antenna:

The antenna is integral antenna, the best case gain of the antenna is 0.68dBi



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7.2 Conducted Emissions

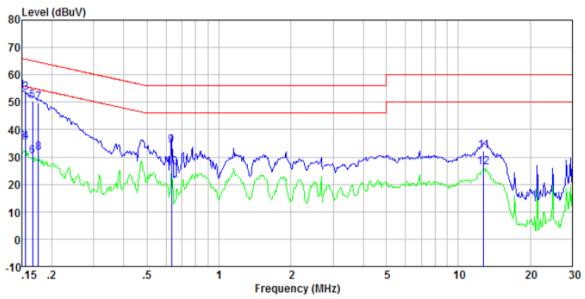
Test Requirement:	FCC Part15	C Section 1	5.207					
Test Method:	ANSI C63.10:2013							
Test Frequency Range:	150KHz to 30MHz							
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto							
Limit:	Limit (dRu\/)							
	Frequen	cy range (MH	Z) Qu	ıasi-peak	Ave	erage		
	0.15-0.5 66 to 56* 56 to 46*							
		0.5-5		56		46		
		5-30	101 601	60	;	50		
Test setup:	* Decreases	s with the loga		frequency.				
Test procedure:	Reference Plane LISN 40cm 80cm Filter AC power Equipment Test table/Insulation plane Remark E.U.T. Equipment Under Test LISN Line impedence Stabilization Network Test table height=0.8m							
rest 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 environment:	Temp.: 25 °C Humid.: 52% Press.: 1 012mbar							
Test Instruments:	Refer to sec	ction 6.0 for d	etails		ı	ı		
Test mode:	Refer to sec	ction 5.2 for d	etails					
Test voltage:	AC120V 60Hz							
Test results:	Pass							



Measurement data

Report No.: GTS201808000060F02

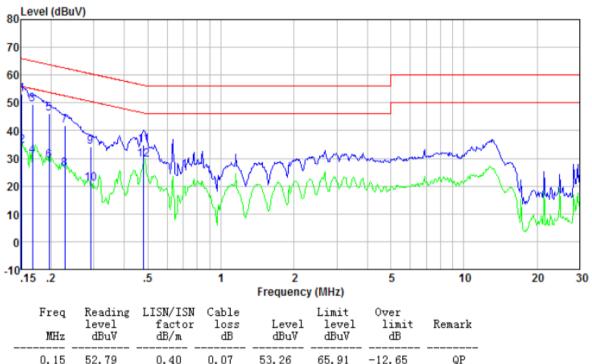
Test mode:	WiFi mode	Probe:	Line



Freq MHz	Reading level dBuV	LISN/ISN factor dB/m	Cable loss dB	Level dBuV	Limit level dBuV	Over limit dB	Remark
0.15	53.50	0.40	0.07	53.97	66.00	-12.03	QP
0.15	34.93	0.40	0.07	35.40	56.00	-20.60	Average
0.16	52.82	0.40	0.07	53.29	65.69	-12.40	QP
0.16	34.98	0.40	0.07	35.45	55.69	-20.24	Average
0.17	50.01	0.40	0.08	50.49	65.16	-14.67	QP
0.17	29.78	0.40	0.08	30.26	55.16	-24.90	Average
0.18	49.25	0.40	0.09	49.74	64.68	-14.94	QP
0.18	30.88	0.40	0.09	31.37	54.68	-23.31	Average
0.63	33.72	0.28	0.12	34.12	56.00	-21.88	QP
0.63	25.95	0.28	0.12	26.35	46.00	-19.65	Average
12.78	31.63	0.20	0.21	32.04	60.00	-27.96	QP
12.78	25, 80	0.20	0. 21	26, 21	50.00	-23.79	Average



Test mode:	WiFi mode	Probe:	Neutral	



MHz	level dBuV	factor dB/m	loss dB	Level dBuV	level dBuV	limit dB	Remark
0. 15 0. 15 0. 17 0. 17 0. 20 0. 20 0. 23 0. 23 0. 29 0. 29 0. 48 0. 48	52. 79 34. 12 48. 92 30. 35 45. 60 28. 80 41. 27 25. 53 33. 83 20. 47 34. 42 28. 98	0. 40 0. 40 0. 40 0. 40 0. 40 0. 40 0. 40 0. 40 0. 40 0. 32 0. 32	0. 07 0. 07 0. 09 0. 09 0. 11 0. 11 0. 11 0. 11 0. 10 0. 10 0. 11	53. 26 34. 59 49. 41 30. 84 46. 11 29. 31 41. 78 26. 04 34. 33 20. 97 34. 85 29. 41	65. 91 55. 91 65. 08 55. 08 63. 76 62. 52 52. 52 60. 50 50. 50 56. 32 46. 32	-12.65 -21.32 -15.67 -24.24 -17.65 -24.45 -20.74 -26.48 -26.17 -29.53 -21.47 -16.91	QP Average

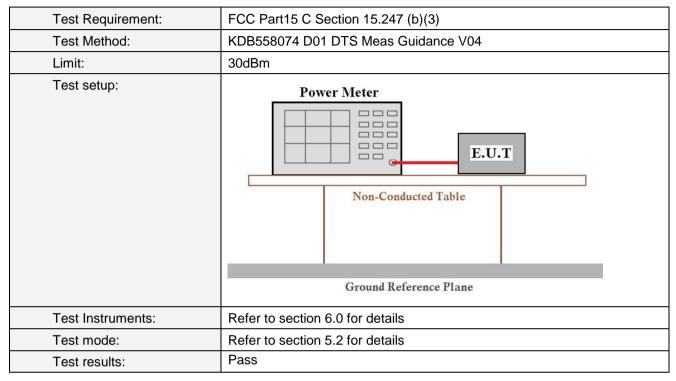
Notes:

- 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.

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7.3 Conducted Peak Output Power



Measurement Data

Test CH		Peak Outp		Limit(dBm)	Result	
Test CH	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)	Liiiii(abiii)	Result
Lowest	16.17	17.58	18.49	17.42		
Middle	16.70	17.04	18.35	17.36	30.00	Pass
Highest	16.17	17.38	18.49	17.64		



7.4 Channel Bandwidth

Test Requirement:	FCC Part15 C Section 15.247 (a)(2)		
Test Method:	KDB558074 D01 DTS Meas Guidance V04		
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 5.2 for details		
Test results:	Pass		

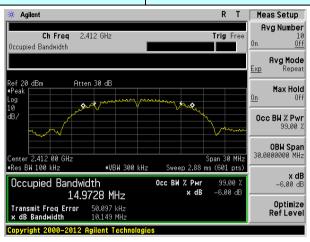
Measurement Data

Test CH		Channel E	Limit(KHz)	Result		
Test Off	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)	Limit(IXI IZ)	Result
Lowest	10.149	16.557	17.819	36.572		Pass
Middle	10.140	16.584	17.815	36.590	>500	
Highest	10.153	16.576	17.796	36.585		

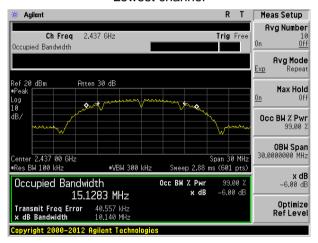


Test plot as follows:

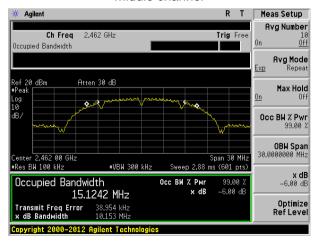
Test mode: 802.11b



Lowest channel



Middle channel

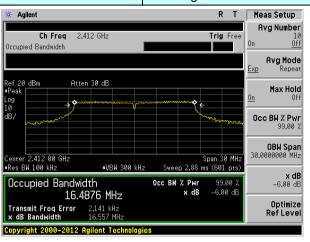


Highest channel

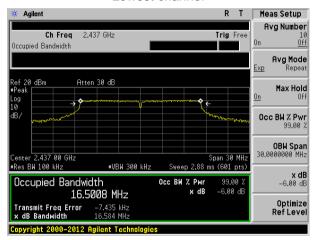
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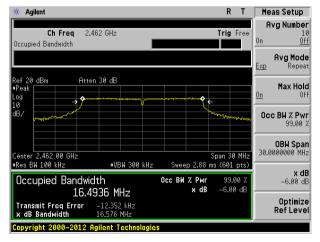


Test mode: 802.11g



Lowest channel

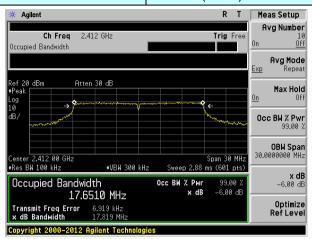




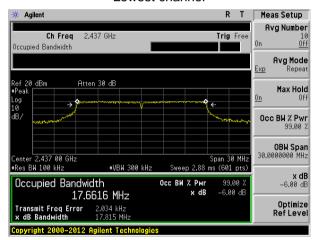
Highest channel

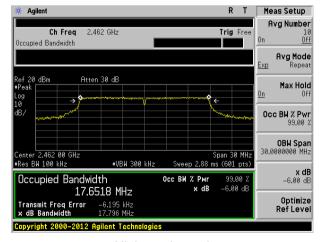


Test mode: 802.11n(HT20)



Lowest channel

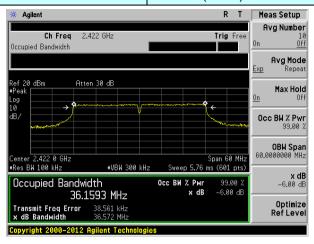




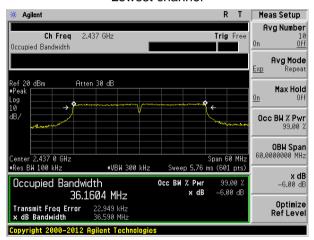
Highest channel

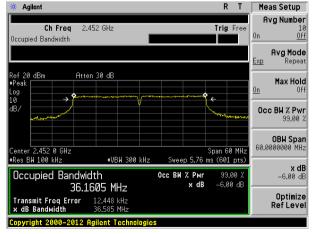


Test mode: 802.11n(HT40)



Lowest channel





Highest channel



7.5 Power Spectral Density

Test Requirement:	FCC Part15 C Section 15.247 (e)		
Test Method:	KDB558074 D01 DTS Meas Guidance V04		
Limit:	8dBm/3kHz		
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 5.2 for details		
Test results:	Pass		

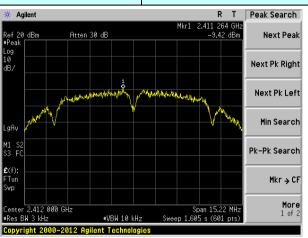
Measurement Data

Test CH		Power Spe	Limit	Result		
1631 011	802.11b	802.11g	802.11n(HT20)	802.11n(HT40)	Limit (dBm/3kHz) 8.00	rtosuit
Lowest	-9.42	-10.12	-10.48	-13.85		Pass
Middle	-9.57	-10.03	-10.81	-13.76	8.00	
Highest	-9.59	-10.72	-10.08	-14.49		

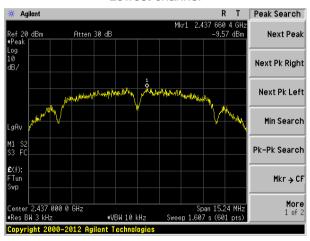


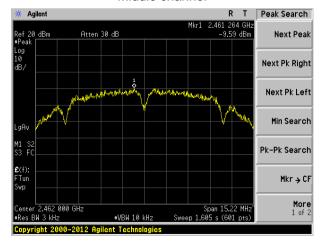
Test plot as follows:

Test mode: 802.11b



Lowest channel

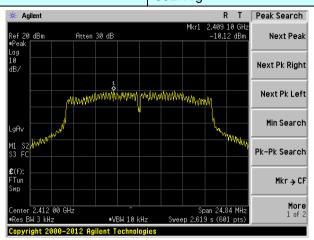




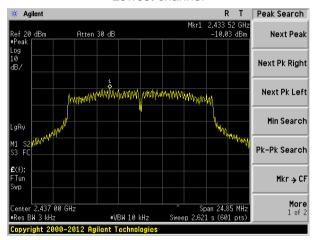
Highest channel

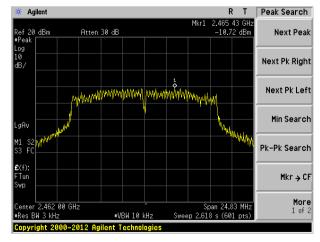


Test mode: 802.11g



Lowest channel

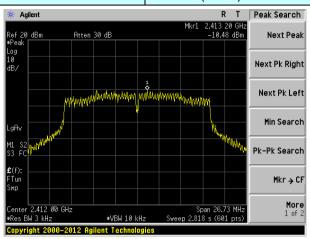




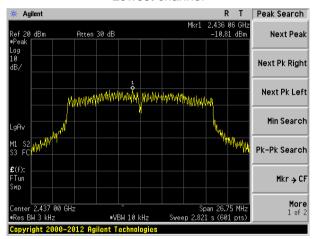
Highest channel

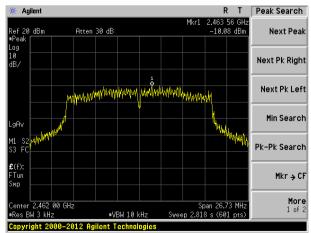


Test mode: 802.11n(HT20)



Lowest channel

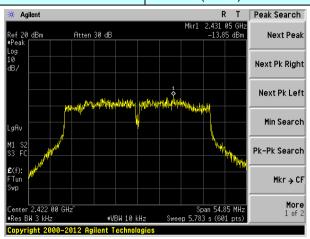




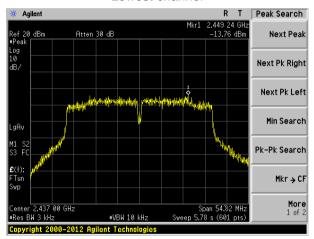
Highest channel

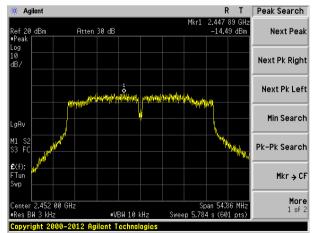


Test mode: 802.11n(HT40)



Lowest channel





Highest channel



7.6 Band edges

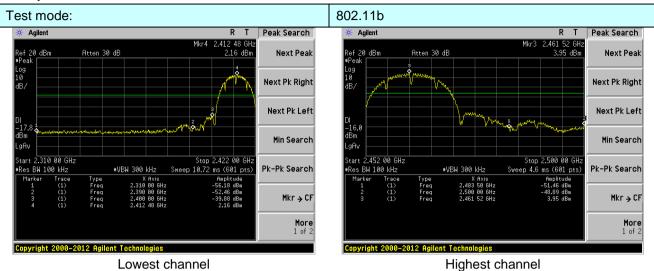
7.6.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)					
Test Method:	KDB558074 D01 DTS Meas Guidance V04					
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 5.2 for details					
Test results:	Pass					



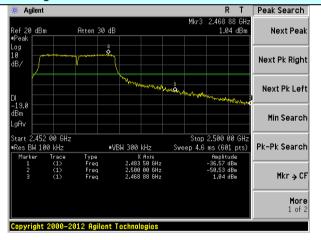
Test plot as follows:

Report No.: GTS201808000060F02



Test mode:

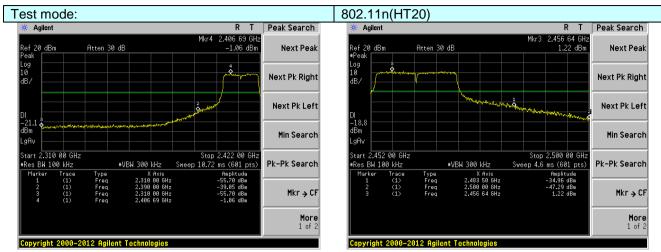
802.11g



Lowest channel

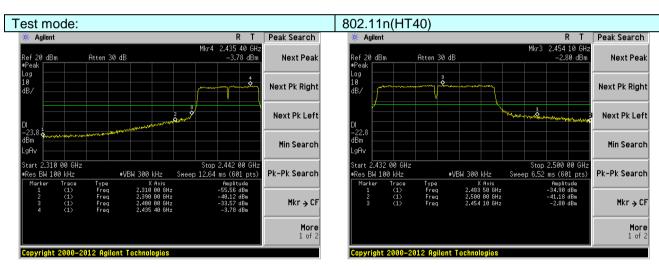
Highest channel





Lowest channel

Highest channel



Lowest channel Highest channel



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:		All of the restrict bands were tested, only the worst band's (2310MHz to							
	2500MHz) data was showed.								
Test site:	Measurement D	Measurement Distance: 3m							
Receiver setup:	Frequency Detector RBW VBW Value								
		Peak	1MHz	3MHz	Peak				
	Above 1GHZ	Above 1GHz							
Limit:	Freque	ncy	Limit (dBuV/	/m @3m)	Value				
	Above 1	GH ₇	54.0	0	Average				
	Above i	OFIZ	74.0	0	Peak				
	Tum Table	EUT	Test Ante < 1m 4 Receiver	1					
Test Procedure:	the ground at determine the 2. The EUT was antenna, which tower. 3. The antenna ground to det horizontal and measurement 4. For each sus and then the and the rotal the maximum 5. The test-recespecified Bar 6. If the emission limit specified the EUT wou 10dB margin average meth 7. The radiation And found the sure and the sure an	a 3 meter care position of the set 3 meters ch was mounted height is varied ermine the made vertical polar to the pected emission antenna was the able was turned reading. In the pected of the factor	mber. The take highest race away from the away from the don the top d from one maximum value rizations of the con, the EUT uned to heigh as set to Pealaximum Hold EUT in peak could be stop. Otherwise the sted one by detand then rets are performoning which it	ole was rot diation. The interfere of a varial meter to four error of the field and arrange was arrangents from 1 grees to 36 kl. Detect Fid Mode, mode was oped and the emission one using eported in med in X, N t is worse of the interference of the contraction	ole-height antenna our meters above the d strength. Both are set to make the ged to its worst case meter to 4 meters 60 degrees to find ounction and 10dB lower than the he peak values of ons that did not have peak, quasi-peak or				
Test environment:					000: 1.012mbcr				
	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	l		⁄o Pr	ess.: 1 012mbar				
Test Instruments:	Refer to section								
Test mode:	Refer to section	5.2 for details							
Test results:	Pass								



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.

	<u> </u>							
Test mode:		802.1	1b	T	est channel:	l	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
2310.00	38.27	27.91	5.30	24.64	46.84	74.00	-27.16	Horizontal
2390.00	46.15	27.59	5.38	24.71	54.41	74.00	-19.59	Horizontal
2310.00	36.72	27.91	5.30	24.64	45.29	74.00	-28.71	Vertical
2390.00	47.04	27.59	5.38	24.71	55.30	74.00	-18.70	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	29.01	27.91	5.30	24.64	37.58	54.00	-16.42	Horizontal
2390.00	35.93	27.59	5.38	24.71	44.19	54.00	-9.81	Horizontal
2310.00	27.55	27.91	5.30	24.64	36.12	54.00	-17.88	Vertical
2390.00	37.80	27.59	5.38	24.71	46.06	54.00	-7.94	Vertical
Test mode:		802.1	1b	T	est channel:	I	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	46.48	27.53	5.47	24.80	54.68	74.00	-19.32	Horizontal
2500.00	39.39	27.55	5.49	24.86	47.57	74.00	-26.43	Horizontal
0.400 = 6	40.0=	0= =0				= 4 00		

Average value:

46.05

40.29

2483.50

2500.00

Avelage va	iuc.							
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	35.86	27.53	5.47	24.80	44.06	54.00	-9.94	Horizontal
2500.00	32.61	27.55	5.49	24.86	40.79	54.00	-13.21	Horizontal
2483.50	36.50	27.53	5.47	24.80	44.70	54.00	-9.30	Vertical
2500.00	31.35	27.55	5.49	24.86	39.53	54.00	-14.47	Vertical

24.80

24.86

54.25

48.47

74.00

74.00

-19.75

-25.53

Vertical

Vertical

Remark:

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

5.47

5.49

27.53

27.55

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



Test mode:		802.1	1g	Te	st channel:	L	_owest	
Peak value:	i							
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	39.12	27.91	5.30	24.64	47.69	74.00	-26.31	Horizontal
2390.00	47.28	27.59	5.38	24.71	55.54	74.00	-18.46	Horizontal
2310.00	37.62	27.91	5.30	24.64	46.19	74.00	-27.81	Vertical
2390.00	48.39	27.59	5.38	24.71	56.65	74.00	-17.35	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	29.61	27.91	5.30	24.64	38.18	54.00	-15.82	Horizontal
2390.00	36.63	27.59	5.38	24.71	44.89	54.00	-9.11	Horizontal
2310.00	28.22	27.91	5.30	24.64	36.79	54.00	-17.21	Vertical
2390.00	38.56	27.59	5.38	24.71	46.82	54.00	-7.18	Vertical
Test mode:		802.1	1g	Te	st channel:	ŀ	Highest	
Test mode: Peak value:	:	802.1	1g	Te	st channel:	ŀ	Highest	
	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)	
Frequency (MHz) 2483.50	Read Level (dBuV) 47.69	Antenna Factor (dB/m) 27.53	Cable Loss (dB) 5.47	Preamp Factor (dB) 24.80	Level (dBuV/m) 55.89	Limit Line (dBuV/m) 74.00	Over Limit (dB)	Horizontal
Peak value: Frequency (MHz) 2483.50 2500.00	Read Level (dBuV) 47.69 40.32	Antenna Factor (dB/m) 27.53 27.55	Cable Loss (dB) 5.47 5.49	Preamp Factor (dB) 24.80 24.86	Level (dBuV/m) 55.89 48.50	Limit Line (dBuV/m) 74.00 74.00	Over Limit (dB) -18.11 -25.50	Horizontal Horizontal
Frequency (MHz) 2483.50 2500.00 2483.50	Read Level (dBuV) 47.69 40.32 47.43 41.39	Antenna Factor (dB/m) 27.53 27.55 27.53	Cable Loss (dB) 5.47 5.49	Preamp Factor (dB) 24.80 24.86 24.80	Level (dBuV/m) 55.89 48.50 55.63	Limit Line (dBuV/m) 74.00 74.00 74.00	Over Limit (dB) -18.11 -25.50 -18.37	Horizontal Horizontal Vertical
Frequency (MHz) 2483.50 2500.00 2483.50 2500.00	Read Level (dBuV) 47.69 40.32 47.43 41.39	Antenna Factor (dB/m) 27.53 27.55 27.53	Cable Loss (dB) 5.47 5.49	Preamp Factor (dB) 24.80 24.86 24.80	Level (dBuV/m) 55.89 48.50 55.63	Limit Line (dBuV/m) 74.00 74.00 74.00	Over Limit (dB) -18.11 -25.50 -18.37	Horizontal Horizontal Vertical
Frequency (MHz) 2483.50 2500.00 2483.50 2500.00 Average value:	Read Level (dBuV) 47.69 40.32 47.43 41.39 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) 24.80 24.86 24.80 24.86 Preamp Factor	Level (dBuV/m) 55.89 48.50 55.63 49.57	Limit Line (dBuV/m) 74.00 74.00 74.00 74.00 Limit Line	Over Limit (dB) -18.11 -25.50 -18.37 -24.43 Over Limit	Horizontal Horizontal Vertical Vertical
Frequency (MHz) 2483.50 2500.00 2483.50 2500.00 Average value:	Read Level (dBuV) 47.69 40.32 47.43 41.39 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 5.49 Cable Loss (dB)	Preamp Factor (dB) 24.80 24.86 24.80 24.86 Preamp Factor (dB)	Level (dBuV/m) 55.89 48.50 55.63 49.57 Level (dBuV/m)	Limit Line (dBuV/m) 74.00 74.00 74.00 74.00 Limit Line (dBuV/m)	Over Limit (dB) -18.11 -25.50 -18.37 -24.43 Over Limit (dB)	Horizontal Horizontal Vertical Vertical Polarization
Peak value: Frequency (MHz) 2483.50 2500.00 2483.50 2500.00 Average value:	Read Level (dBuV) 47.69 40.32 47.43 41.39 Iue: Read Level (dBuV) 36.59	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 5.49 Cable Loss (dB) 5.47	Preamp Factor (dB) 24.80 24.86 24.80 24.86 Preamp Factor (dB) 24.80	Level (dBuV/m) 55.89 48.50 55.63 49.57 Level (dBuV/m)	Limit Line (dBuV/m) 74.00 74.00 74.00 74.00 Limit Line (dBuV/m) 54.00	Over Limit (dB) -18.11 -25.50 -18.37 -24.43 Over Limit (dB) -9.21	Horizontal Horizontal Vertical Vertical Polarization Horizontal

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:		802.1	11n(HT20)	Test channel:				Lowest		
Peak value		•								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Prear Fact (dB	or	Level (dBuV/m)	Limit Line (dBuV/m)	I I imit	Polarization	
2310.00	39.37	27.91	5.30	24.6	4	47.94	74.00	-26.06	Horizontal	
2390.00	47.62	27.59	5.38	24.7	1	55.88	74.00	-18.12	Horizontal	
2310.00	37.89	27.91	5.30	24.6	4	46.46	74.00	-27.54	Vertical	
2390.00	48.80	27.59	5.38	24.7	1	57.06	74.00	-16.94	Vertical	
Average va	lue:									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Prear Fact (dB	or	Level (dBuV/m)	Limit Line (dBuV/m)	I I imit	Polarization	
2310.00	29.79	27.91	5.30	24.6	4	38.36	54.00	-15.64	Horizontal	
2390.00	36.83	27.59	5.38	24.71		45.09	54.00	-8.91	Horizontal	
2310.00	28.42	27.91	5.30	24.64		36.99	54.00	-17.01	Vertical	
2390.00	38.78	27.59	5.38	24.71		47.04	54.00	-6.96	Vertical	
Test mode:		802.	11n(HT20)		Tes	st channel:		Highest		
Peak value	•	Г		ı		Г	ı		1	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Prear Fact (dB	or	Level (dBuV/m)	Limit Line (dBuV/m)	I I imit	Polarization	
2483.50	48.05	27.53	5.47	24.8	0	56.25	74.00	-17.75	Horizontal	
2500.00	40.60	27.55	5.49	24.8	6	48.78	74.00	-25.22	Horizontal	
2483.50	47.84	27.53	5.47	24.8	0	56.04	74.00	-17.96	Vertical	
2500.00	41.71	27.55	5.49	24.8	6	49.89	74.00	-24.11	Vertical	
Average va	lue:	ı		1		Т	1	T	1	
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Prear Fact (dB	or	Level (dBuV/m)	Limit Line (dBuV/m)	I I imit	Polarization	
2483.50	36.81	27.53	5.47	24.8	0	45.01	54.00	-8.99	Horizontal	
2500.00	33.34	27.55	5.49	24.8	6	41.52	54.00	-12.48	Horizontal	
2483.50	37.55	27.53	5.47	24.8	0	45.75	54.00	-8.25	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:		802.1	1n(HT40)	Test channel:			Lowest		
Peak value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Prean Facto (dB)	or Or	Level (dBuV/m)	Limit Line (dBuV/m)	I I imit	Polarization
2310.00	39.33	27.91	5.30	24.6	4	47.90	74.00	-26.10	Horizontal
2390.00	47.57	27.59	5.38	24.7	1	55.83	74.00	-18.17	Horizontal
2310.00	37.85	27.91	5.30	24.6	4	46.42	74.00	-27.58	Vertical
2390.00	48.74	27.59	5.38	24.7	1	57.00	74.00	-17.00	Vertical
Average va	lue:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Prean Facto (dB)	or Or	Level (dBuV/m)	Limit Line (dBuV/m)	I I imit	Polarization
2310.00	29.76	27.91	5.30	24.6	4	38.33	54.00	-15.67	Horizontal
2390.00	36.81	27.59	5.38	24.7	1	45.07	54.00	-8.93	Horizontal
2310.00	28.40	27.91	5.30	24.6	4	36.97	54.00	-17.03	Vertical
2390.00	38.75	27.59	5.38	24.71		47.01	54.00	-6.99	Vertical
Test mode:		802.1	1n(HT40)	Tes		st channel:		Highest	
Peak value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Prean Facto (dB)	or Or	Level (dBuV/m)	Limit Line (dBuV/m)	I I imit	Polarization
2483.50	48.00	27.53	5.47	24.80	0	56.20	74.00	-17.80	Horizontal
2500.00	40.57	27.55	5.49	24.8	6	48.75	74.00	-25.25	Horizontal
2483.50	47.78	27.53	5.47	24.80	0	55.98	74.00	-18.02	Vertical
2500.00	41.67	27.55	5.49	24.80	6	49.85	74.00	-24.15	Vertical
Average va	lue:	T		1		ı			
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Prean Facto (dB)	or Or	Level (dBuV/m)	Limit Line (dBuV/m)	I I imit	Polarization
2483.50	36.78	27.53	5.47	24.80	0	44.98	54.00	-9.02	Horizontal
2500.00	33.32	27.55	5.49	24.80	6	41.50	54.00	-12.50	Horizontal
2483.50	37.52	27.53	5.47	24.80	0	45.72	54.00	-8.28	Vertical
2500.00	32.11	27.55	5.49	24.80	6	40.29	54.00	-13.71	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.



7.7 Spurious Emission

7.7.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)					
Test Method:	KDB558074 D01 DTS Meas Guidance V04					
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 5.2 for details					
Test results:	Pass					

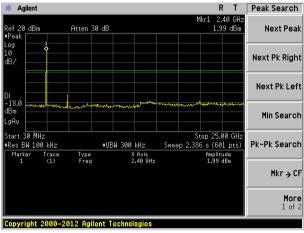


Test plot as follows:

Report No.: GTS201808000060F02

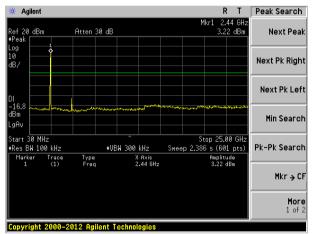
Test mode: 802.11b

Lowest channel



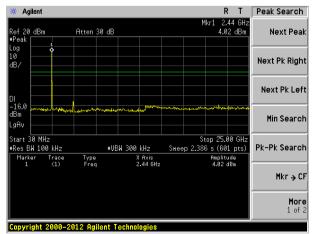
30MHz~25GHz

Middle channel



30MHz~25GHz

Highest channel

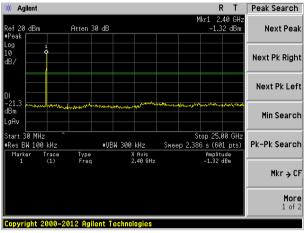


30MHz~25GHz



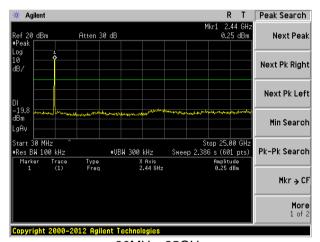
Test mode: 802.11g

Lowest channel



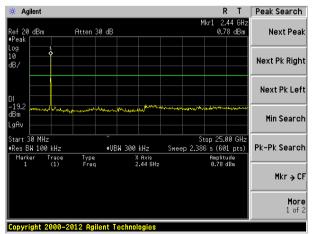
30MHz~25GHz

Middle channel



30MHz~25GHz

Highest channel



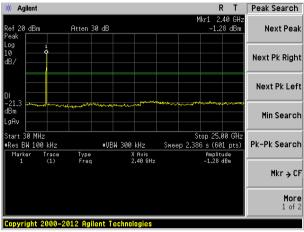
30MHz~25GHz



Test mode:

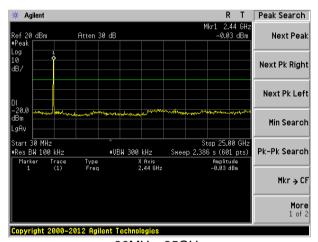
802.11n(HT20)

Lowest channel



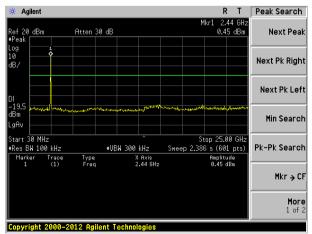
30MHz~25GHz

Middle channel



30MHz~25GHz

Highest channel



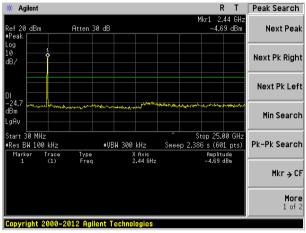
30MHz~25GHz



Test mode:

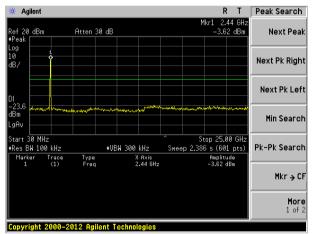
802.11n(HT40)

Lowest channel



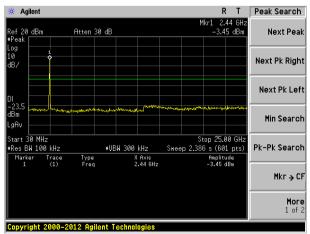
30MHz~25GHz

Middle channel



30MHz~25GHz

Highest channel



30MHz~25GHz

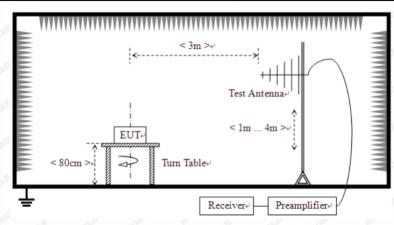


7.7.2 Radiated Emission Method

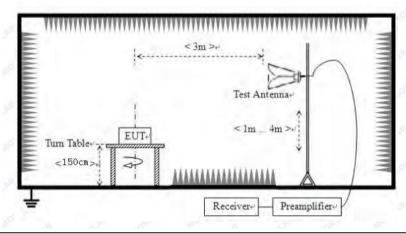
Test Requirement:	FCC Part15 C Section	on 15	5.209						
Test Method:	ANSI C63.10:2013								
Test Frequency Range:	9kHz to 25GHz Measurement Distance: 3m								
Test site:	Measurement Distar	nce: (3m						
Receiver setup:	Frequency								
	9KHz-150KHz	Qı	ıasi-peak	200	Hz	600Hz	z Quasi-peak		
	150KHz-30MHz	Qı	ıasi-peak	9KI	Ηz	30KHz	z Quasi-peak		
	30MHz-1GHz	Qı	ıasi-peak	100k	(Hz	300KH	z Quasi-peak		
	Above 4CH=		Peak	1MI	Hz	3MHz	: Peak		
	Above 1GHZ	Above 1GHz P				10Hz	Average		
Limit:	Frequency		Limit (u\	//m)	V	/alue	Measurement Distance		
	0.009MHz-0.490M	1Hz	2400/F(k	(Hz)		QP	300m		
	0.490MHz-1.705M	1Hz	24000/F(KHz)		QP	300m		
	1.705MHz-30MH	lz	30			QP	30m		
	30MHz-88MHz	30MHz-88MHz 100 QP							
	88MHz-216MHz	88MHz-216MHz 150 QP							
	216MHz-960MH	z	200			QP	3m		
	960MHz-1GHz		500	500		QP	Jili		
	Above 1GHz		500		Av	erage			
	ABOVE TOTIZ		5000)	F	Peak			
Test setup:	For radiated emissions from 9kHz to 30MHz Company of the compa								
	For radiated emiss		Antenna [Receive		Preamplifie	<u> </u>		

Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102





For radiated emissions above 1GHz



Test Procedure:

- 1. The EUT was placed on the top of a rotating table (0.8m for below 1G and 1.5m for above 1G) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 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.
- 5. 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



Report 10:: 21 22 10 00 00 00 00 02									
	margin w	vould be re-te	ed. Otherwise ested one by o pecified and t	one using pea	ak, quasi-p				
Test environment:	Temp.:	Temp.: 25 °C Humid.: 52% Press.: 1 012mbar							
Test Instruments:	Refer to see	ction 6.0 for o	details						
Test mode:	Refer to see	ction 5.2 for o	details						
Test voltage:	AC120V 60Hz								
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:

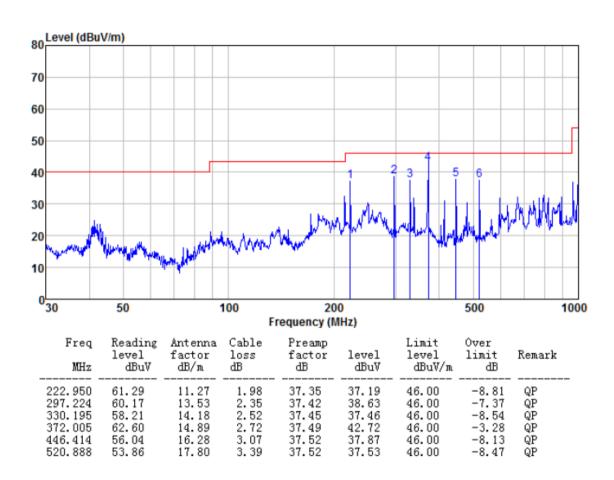
■ 9kHz~30MHz

The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.



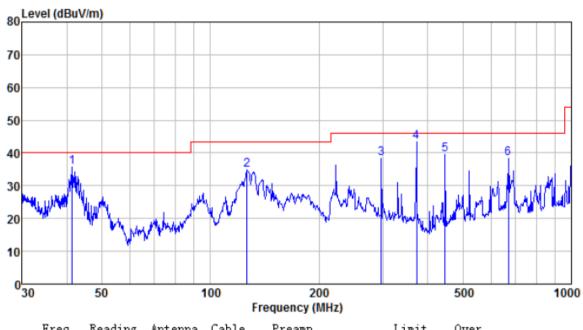
■ Below 1GHz

Test mode:	WiFi mode	Probe:	Horizontal





Test mode:	WiFi mode	Probe:	Vertical



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
41.422	58.52	12.22	0.68	35.75	35.67	40.00	-4.33	QP
126.329	61.61	8.66	1.41	36.93	34.75	43.50	-8.75	QP
297.224	59.92	13.53	2.35	37.42	38.38	46.00	-7.62	QP
372.005	63.24	14.89	2.72	37.49	43.36	46.00	-2.64	QP
446.414	57.60	16.28	3.07	37.52	39.43	46.00	-6.57	QP
668, 142	52, 53	19, 57	3, 97	37, 60	38, 47	46.00	-7.53	ΩP



■ Above 1GHz

Test mode:		802.11b		Test channel:		Lowe	est	
Peak value:			T		T		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
4824.00	41.18	31.79	8.62	32.10	49.49	74.00	-24.51	Vertical
7236.00	34.78	36.19	11.68	31.97	50.68	74.00	-23.32	Vertical
9648.00	33.12	38.07	14.16	31.56	53.79	74.00	-20.21	Vertical
12060.00	*					74.00		Vertical
14472.00	*					74.00		Vertical
16884.00	*					74.00		Vertical
4824.00	39.71	31.79	8.62	32.10	48.02	74.00	-25.98	Horizontal
7236.00	34.46	36.19	11.68	31.97	50.36	74.00	-23.64	Horizontal
9648.00	32.66	38.07	14.16	31.56	53.33	74.00	-20.67	Horizontal
12060.00	*					74.00		Horizontal
14472.00	*					74.00		Horizontal
16884.00	*					74.00		Horizontal
Average val							T	
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	30.20	31.79	8.62	32.10	38.51	54.00	-15.49	Vertical
7236.00	23.63	36.19	11.68	31.97	39.53	54.00	-14.47	Vertical
9648.00	23.45	38.07	14.16	31.56	44.12	54.00	-9.88	Vertical
12060.00	*					54.00		Vertical
14472.00	*					54.00		Vertical
16884.00	*					54.00		Vertical
4824.00	29.21	31.79	8.62	32.10	37.52	54.00	-16.48	Horizontal
7236.00	23.03	36.19	11.68	31.97	38.93	54.00	-15.07	Horizontal
9648.00	22.40	38.07	14.16	31.56	43.07	54.00	-10.93	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:		802.11b		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	40.09	31.85	8.66	32.12	48.48	74.00	-25.52	Vertical
7311.00	34.76	36.37	11.71	31.91	50.93	74.00	-23.07	Vertical
9748.00	34.07	38.27	14.25	31.56	55.03	74.00	-18.97	Vertical
12185.00	*					74.00		Vertical
14622.00	*					74.00		Vertical
17059.00	*					74.00		Vertical
4874.00	40.45	31.85	8.66	32.12	48.84	74.00	-25.16	Horizontal
7311.00	33.34	36.37	11.71	31.91	49.51	74.00	-24.49	Horizontal
9748.00	33.93	38.27	14.25	31.56	54.89	74.00	-19.11	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	30.88	31.85	8.66	32.12	39.27	54.00	-14.73	Vertical
7311.00	23.06	36.37	11.71	31.91	39.23	54.00	-14.77	Vertical
9748.00	23.31	38.27	14.25	31.56	44.27	54.00	-9.73	Vertical
12185.00	*					54.00		Vertical
14622.00	*					54.00		Vertical
17059.00	*					54.00		Vertical
4874.00	30.52	31.85	8.66	32.12	38.91	54.00	-15.09	Horizontal
7311.00	22.41	36.37	11.71	31.91	38.58	54.00	-15.42	Horizontal
9748.00	23.63	38.27	14.25	31.56	44.59	54.00	-9.41	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; \ast ", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11b			Test channel:			Highe	est	
Peak value:										
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
4924.00	46.15	31.90	8.70	32	.15	54.60	74.	00	-19.40	Vertical
7386.00	35.77	36.49	11.76	31	.83	52.19	74.	00	-21.81	Vertical
9848.00	37.60	38.62	14.31	31	.77	58.76	74.	00	-15.24	Vertical
12310.00	*						74.	00		Vertical
14772.00	*						74.	00		Vertical
17234.00	*						74.	00		Vertical
4924.00	45.26	31.90	8.70	32	.15	53.71	74.	00	-20.29	Horizontal
7386.00	34.57	36.49	11.76	31	.83	50.99	74.	00	-23.01	Horizontal
9848.00	33.73	38.62	14.31	31	.77	54.89	74.	00	-19.11	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)	Fa	amp ctor IB)	Level (dBuV/m)	Limit (dBu\		Over Limit (dB)	polarization
4924.00	36.97	31.90	8.70	32	.15	45.42	54.	00	-8.58	Vertical
7386.00	25.66	36.49	11.76	31	.83	42.08	54.	00	-11.92	Vertical
9848.00	26.08	38.62	14.31	31	.77	47.24	54.	00	-6.76	Vertical
12310.00	*						54.	00		Vertical
14772.00	*						54.	00		Vertical
17234.00	*						54.	00		Vertical
4924.00	35.56	31.90	8.70	32	.15	44.01	54.	00	-9.99	Horizontal
7386.00	23.94	36.49	11.76	31	.83	40.36	54.	00	-13.64	Horizontal
9848.00	22.97	38.62	14.31	31	.77	44.13	54.0	00	-9.87	Horizontal
12310.00	*						54.0	00		Horizontal
14772.00	*						54.	00		Horizontal
17234.00	*						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:		802.11g		-	Test o	st channel: lowest		st		
Peak value:										
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Prear Fact (dB	or	Level (dBuV/m)	Limit (dBu\		Over Limit (dB)	polarization
4824.00	39.58	31.79	8.62	32.1	0	47.89	74.0	00	-26.11	Vertical
7236.00	33.77	36.19	11.68	31.9	7	49.67	74.0	00	-24.33	Vertical
9648.00	32.39	38.07	14.16	31.5	6	53.06	74.0	00	-20.94	Vertical
12060.00	*						74.0	00		Vertical
14472.00	*						74.0	00		Vertical
16884.00	*						74.0	00		Vertical
4824.00	38.36	31.79	8.62	32.1	0	46.67	74.0	00	-27.33	Horizontal
7236.00	33.57	36.19	11.68	31.9	7	49.47	74.0	00	-24.53	Horizontal
9648.00	32.00	38.07	14.16	31.5	6	52.67	74.0	00	-21.33	Horizontal
12060.00	*						74.0	00		Horizontal
14472.00	*						74.0	00		Horizontal
16884.00	*						74.0	00		Horizontal
Average val	ue:		•	•	'					
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Prear Fact (dB	or	Level (dBuV/m)	Limit (dBu\		Over Limit (dB)	polarization
4824.00	28.72	31.79	8.62	32.1	0	37.03	54.0	00	-16.97	Vertical
7236.00	22.65	36.19	11.68	31.9	7	38.55	54.0	00	-15.45	Vertical
9648.00	22.75	38.07	14.16	31.5	6	43.42	54.0	00	-10.58	Vertical
12060.00	*						54.0	00		Vertical
14472.00	*						54.0	00		Vertical
16884.00	*						54.0	00		Vertica
4824.00	27.94	31.79	8.62	32.1	0	36.25	54.0	00	-17.75	Horizontal
7236.00	22.17	36.19	11.68	31.9	7	38.07	54.0	00	-15.93	Horizontal
9648.00	21.75	38.07	14.16	31.5	6	42.42	54.0	00	-11.58	Horizontal
12060.00	*						54.0	00		Horizontal
14472.00	*						54.0	00		Horizontal
16884.00	*						54.0	00		Horizontal

Remark:

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

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



Test mode:		802.11g		Tes	t 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	38.76	31.85	8.66	32.12	47.15	74.00	-26.85	Vertical
7311.00	33.92	36.37	11.71	31.91	50.09	74.00	-23.91	Vertical
9748.00	33.47	38.27	14.25	31.56	54.43	74.00	-19.57	Vertical
12185.00	*					74.00		Vertical
14622.00	*					74.00		Vertical
17059.00	*					74.00		Vertical
4874.00	39.33	31.85	8.66	32.12	47.72	74.00	-26.28	Horizontal
7311.00	32.61	36.37	11.71	31.91	48.78	74.00	-25.22	Horizontal
9748.00	33.38	38.27	14.25	31.56	54.34	74.00	-19.66	Horizontal
12185.00	*					74.00		Horizontal
14622.00	*					74.00		Horizontal
17059.00	*					74.00		Horizontal
Average valu	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	29.66	31.85	8.66	32.12	38.05	54.00	-15.95	Vertical
7311.00	22.25	36.37	11.71	31.91	38.42	54.00	-15.58	Vertical
9748.00	22.73	38.27	14.25	31.56	43.69	54.00	-10.31	Vertical
12185.00	*					54.00		Vertical
14622.00	*					54.00		Vertical
17059.00	*					54.00		Vertical
4874.00	29.48	31.85	8.66	32.12	37.87	54.00	-16.13	Horizontal
7311.00	21.70	36.37	11.71	31.91	37.87	54.00	-16.13	Horizontal
9748.00	23.10	38.27	14.25	31.56	44.06	54.00	-9.94	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; \star ", means this data is the too weak instrument of signal is unable to test.



Test mode:		802.11g			Test	channel:		Highe	est	
Peak value:				1						
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Fac	amp ctor B)	Level (dBuV/m)	Limit (dBu)		Over Limit (dB)	polarization
4924.00	43.87	31.90	8.70	32	.15	52.32	74.	00	-21.68	Vertical
7386.00	34.32	36.49	11.76	31	.83	50.74	74.	00	-23.26	Vertical
9848.00	36.57	38.62	14.31	31	.77	57.73	74.	00	-16.27	Vertical
12310.00	*						74.	00		Vertical
14772.00	*						74.	00		Vertical
17234.00	*						74.	00		Vertical
4924.00	43.33	31.90	8.70	32	.15	51.78	74.	00	-22.22	Horizontal
7386.00	33.31	36.49	11.76	31	.83	49.73	74.	00	-24.27	Horizontal
9848.00	32.78	38.62	14.31	31	.77	53.94	74.	00	-20.06	Horizontal
12310.00	*						74.	00		Horizontal
14772.00	*						74.	00		Horizontal
17234.00	*						74.	00		Horizontal
Average valu										
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Fac	amp ctor B)	Level (dBuV/m)	Limit (dBu)		Over Limit (dB)	polarization
4924.00	34.86	31.90	8.70	32	.15	43.31	54.	00	-10.69	Vertical
7386.00	24.26	36.49	11.76	31	.83	40.68	54.	00	-13.32	Vertical
9848.00	25.09	38.62	14.31	31	.77	46.25	54.	00	-7.75	Vertical
12310.00	*						54.	00		Vertical
14772.00	*						54.	00		Vertical
17234.00	*						54.	00		Vertical
4924.00	33.75	31.90	8.70	32	.15	42.20	54.	00	-11.80	Horizontal
7386.00	22.71	36.49	11.76	31	.83	39.13	54.	00	-14.87	Horizontal
9848.00	22.05	38.62	14.31	31	.77	43.21	54.	00	-10.79	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:	802.11	n(HT20)		Tes	t 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	40.27	31.79	8.62	32.10	48.58	74.00	-25.42	Vertical
7236.00	34.20	36.19	11.68	31.97	50.10	74.00	-23.90	Vertical
9648.00	32.70	38.07	14.16	31.56	53.37	74.00	-20.63	Vertical
12060.00	*					74.00		Vertical
14472.00	*					74.00		Vertical
16884.00	*					74.00		Vertical
4824.00	38.94	31.79	8.62	32.10	47.25	74.00	-26.75	Horizontal
7236.00	33.95	36.19	11.68	31.97	49.85	74.00	-24.15	Horizontal
9648.00	32.28	38.07	14.16	31.56	52.95	74.00	-21.05	Horizontal
12060.00	*					74.00		Horizontal
14472.00	*					74.00		Horizontal
16884.00	*					74.00		Horizontal
Average val	ue:				<u>.</u>			
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	29.35	31.79	8.62	32.10	37.66	54.00	-16.34	Vertical
7236.00	23.07	36.19	11.68	31.97	38.97	54.00	-15.03	Vertical
9648.00	23.05	38.07	14.16	31.56	43.72	54.00	-10.28	Vertical
12060.00	*					54.00		Vertical
14472.00	*					54.00		Vertical
16884.00	*					54.00		Vertical
4824.00	28.48	31.79	8.62	32.10	36.79	54.00	-17.21	Horizontal
7236.00	22.53	36.19	11.68	31.97	38.43	54.00	-15.57	Horizontal
9648.00	22.03	38.07	14.16	31.56	42.70	54.00	-11.30	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:	802.11	n(HT20)		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	39.33	31.85	8.66	32.12	47.72	74.00	-26.28	Vertical
7311.00	34.28	36.37	11.71	31.91	50.45	74.00	-23.55	Vertical
9748.00	33.72	38.27	14.25	31.56	54.68	74.00	-19.32	Vertical
12185.00	*					74.00		Vertical
14622.00	*					74.00		Vertical
17059.00	*					74.00		Vertical
4874.00	39.81	31.85	8.66	32.12	48.20	74.00	-25.80	Horizontal
7311.00	32.92	36.37	11.71	31.91	49.09	74.00	-24.91	Horizontal
9748.00	33.61	38.27	14.25	31.56	54.57	74.00	-19.43	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	30.18	31.85	8.66	32.12	38.57	54.00	-15.43	Vertical
7311.00	22.59	36.37	11.71	31.91	38.76	54.00	-15.24	Vertical
9748.00	22.98	38.27	14.25	31.56	43.94	54.00	-10.06	Vertical
12185.00	*					54.00		Vertical
14622.00	*					54.00		Vertical
17059.00	*					54.00		Vertical
4874.00	29.92	31.85	8.66	32.12	38.31	54.00	-15.69	Horizontal
7311.00	22.01	36.37	11.71	31.91	38.18	54.00	-15.82	Horizontal
9748.00	23.33	38.27	14.25	31.56	44.29	54.00	-9.71	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:	802.11	n(HT20)		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
4924.00	44.84	31.90	8.70	32.15	53.29	74.00	-20.71	4924.00
7386.00	34.94	36.49	11.76	31.83	51.36	74.00	-22.64	7386.00
9848.00	37.01	38.62	14.31	31.77	58.17	74.00	-15.83	9848.00
12310.00	*					74.00		Vertical
14772.00	*					74.00		Vertical
17234.00	*					74.00		Vertical
4924.00	44.15	31.90	8.70	32.15	52.60	74.00	-21.40	Horizontal
7386.00	33.84	36.49	11.76	31.83	50.26	74.00	-23.74	Horizontal
9848.00	33.18	38.62	14.31	31.77	54.34	74.00	-19.66	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	35.76	31.90	8.70	32.15	44.21	54.00	-9.79	Vertical
7386.00	24.86	36.49	11.76	31.83	41.28	54.00	-12.72	Vertical
9848.00	25.51	38.62	14.31	31.77	46.67	54.00	-7.33	Vertical
12310.00	*					54.00		Vertical
14772.00	*					54.00		Vertical
17234.00	*					54.00		Vertical
4924.00	34.52	31.90	8.70	32.15	42.97	54.00	-11.03	Horizontal
7386.00	23.23	36.49	11.76	31.83	39.65	54.00	-14.35	Horizontal
9848.00	22.44	38.62	14.31	31.77	43.60	54.00	-10.40	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:	802.11	n(HT40)		Tes	t channel:	Lowe	est	
Peak value:	<u>'</u>			<u>'</u>				
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	38.92	31.81	8.63	32.11	47.25	74.00	-26.75	Vertical
7266.00	33.35	36.28	11.69	31.94	49.38	74.00	-24.62	Vertical
9688.00	32.09	38.13	14.21	31.52	52.91	74.00	-21.09	Vertical
12060.00	*					74.00		Vertical
14472.00	*					74.00		Vertical
16884.00	*					74.00		Vertical
4844.00	37.80	31.81	8.63	32.11	46.13	74.00	-27.87	Horizontal
7266.00	33.21	36.28	11.69	31.94	49.24	74.00	-24.76	Horizontal
9688.00	31.72	38.13	14.21	31.52	52.54	74.00	-21.46	Horizontal
12060.00	*					74.00		Horizontal
14472.00	*					74.00		Horizontal
16884.00	*					74.00		Horizontal

Average value:

7trolago rai								
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	28.11	31.81	8.63	32.11	36.44	54.00	-17.56	Vertical
7266.00	22.25	36.28	11.69	31.94	38.28	54.00	-15.72	Vertical
9688.00	22.46	38.13	14.21	31.52	43.28	54.00	-10.72	Vertical
12060.00	*					54.00		Vertical
14472.00	*					54.00		Vertical
16884.00	*					54.00		Vertical
4844.00	27.41	31.81	8.63	32.11	35.74	54.00	-18.26	Horizontal
7266.00	21.81	36.28	11.69	31.94	37.84	54.00	-16.16	Horizontal
9688.00	21.49	38.13	14.21	31.52	42.31	54.00	-11.69	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:	802.11	n(HT40)		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	38.21	31.85	8.66	32.12	46.60	74.00	-27.40	Vertical
7311.00	33.57	36.37	11.71	31.91	49.74	74.00	-24.26	Vertical
9748.00	33.22	38.27	14.25	31.56	54.18	74.00	-19.82	Vertical
12185.00	*					74.00		Vertical
14622.00	*					74.00		Vertical
17059.00	*					74.00		Vertical
4874.00	38.87	31.85	8.66	32.12	47.26	74.00	-26.74	Horizontal
7311.00	32.30	36.37	11.71	31.91	48.47	74.00	-25.53	Horizontal
9748.00	33.15	38.27	14.25	31.56	54.11	74.00	-19.89	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	29.16	31.85	8.66	32.12	37.55	54.00	-16.45	Vertical
7311.00	21.91	36.37	11.71	31.91	38.08	54.00	-15.92	Vertical
9748.00	22.49	38.27	14.25	31.56	43.45	54.00	-10.55	Vertical
12185.00	*					54.00		Vertical
14622.00	*					54.00		Vertical
17059.00	*					54.00		Vertical
4874.00	29.04	31.85	8.66	32.12	37.43	54.00	-16.57	Horizontal
7311.00	21.41	36.37	11.71	31.91	37.58	54.00	-16.42	Horizontal
9748.00	22.88	38.27	14.25	31.56	43.84	54.00	-10.16	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:	802.11	n(HT40)		Tes	t 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
4904.00	42.92	31.88	8.68	32.13	51.35	74.00	-22.65	Vertical
7356.00	33.73	36.45	11.75	31.86	50.07	74.00	-23.93	Vertical
9808.00	36.14	38.43	14.29	31.68	57.18	74.00	-16.82	Vertical
12310.00	*					74.00		Vertical
14772.00	*					74.00		Vertical
17234.00	*					74.00		Vertical
4904.00	42.53	31.88	8.68	32.13	50.96	74.00	-23.04	Horizontal
7356.00	32.78	36.45	11.75	31.86	49.12	74.00	-24.88	Horizontal
9808.00	32.38	38.43	14.29	31.68	53.42	74.00	-20.58	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	33.99	31.88	8.68	32.13	42.42	54.00	-11.58	Vertical
7356.00	23.68	36.45	11.75	31.86	40.02	54.00	-13.98	Vertical
9808.00	24.68	38.43	14.29	31.68	45.72	54.00	-8.28	Vertical
12310.00	*					54.00		Vertical
14772.00	*					54.00		Vertical
17234.00	*					54.00		Vertical
4904.00	33.00	31.88	8.68	32.13	41.43	54.00	-12.57	Horizontal
7356.00	22.20	36.45	11.75	31.86	38.54	54.00	-15.46	Horizontal
9808.00	21.67	38.43	14.29	31.68	42.71	54.00	-11.29	Horizontal
12310.00	*					54.00		Horizontal
14772.00	*					54.00		Horizontal
17234.00	*					54.00		Horizontal

Remark:

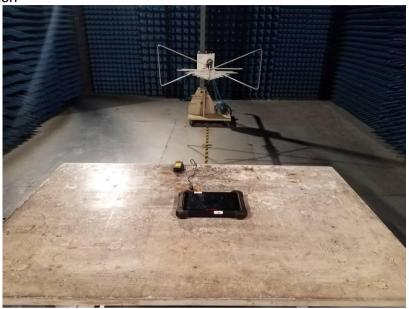
¹ Final Level =Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

^{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. GTS201808000060F01

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