

Global United Technology Services Co., Ltd.

Report No.: GTSL2024060355F01

TEST REPORT

Applicant: Shenzhen Golden Vision Technology Development Co., Ltd

Address of Applicant: No.6 Bao Fu Road, Bao Lai industrial Park, Shang Mu Gu

Villiage, Pinghu Street, Longgang District, Shenzhen City,

Guangdong Province, 518000, China

Manufacturer: Shenzhen Golden Vision Technology Development Co., Ltd Address of No.6 Bao Fu Road, Bao Lai industrial Park, Shang Mu Gu Manufacturer:

Villiage, Pinghu Street, Longgang District, Shenzhen City,

Guangdong Province, 518000, China

Factory: Shenzhen Golden Vision Technology Development Co., Ltd

No.6 Bao Fu Road, Bao Lai industrial Park, Shang Mu Gu Address of Factory:

Villiage, Pinghu Street, Longgang District, Shenzhen City,

Guangdong Province, 518000, China

Equipment Under Test (EUT)

Product Name: Smart camera

Model No.: L1, L3, L4, L5, L6, L7, L8, L9, L10, D2

Trade Mark: N/A

FCC ID: 2APD7-L3

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

Date of sample receipt: 2024-06-04

Date of Test: 2024-06-04 to 2024-06-18

2024-07-11 Date of report issued:

PASS * Test Result:

Authorized Signature:



Robinson Luo 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. Page 1 of 59

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



2 Version

Version No.	Date	Description
00	2024-07-11	Original

Prepared By:	Joseph Clu	Date:	2024-07-11
	Project Engineer		
Check By:	Lobour on Lun	Date:	2024-07-11
	Reviewer	s on one or one or	

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



3 Contents

			Page
1	COV	ER PAGE	1
2	VER:	SION.	2
3		TENTS	
		SUMMARY	
4			
5		ERAL INFORMATION	
		GENERAL DESCRIPTION OF EUT	
		TEST MODE	
	5.3	DESCRIPTION OF SUPPORT UNITS	
	5.4	DEVIATION FROM STANDARDS	
		ABNORMALITIES FROM STANDARD CONDITIONS	
		TEST FACILITY	
	8 . 62. 67	TEST LOCATION	
		I INSTRUMENTS LIST	
6			
7	TEST	FRESULTS AND MEASUREMENT DATA	10
	7.1	ANTENNA REQUIREMENT	. 10
	7.2	CONDUCTED OUTPUT POWER	
	7.3	CHANNEL BANDWIDTH	
	7.4	POWER SPECTRAL DENSITY	15
	7.5	BAND EDGES	18
	7.5.1		
	7.5.2		
		SPURIOUS EMISSION	
	7.6.1		
	7.6.2		
8	TEST	SETUP PHOTO	59
9	EUT	CONSTRUCTIONAL DETAILS	59
7%	18 62		170



4 Test Summary

Test Item	Section	Result
Antenna requirement	FCC part 15.203/15.247 (c)	Pass
AC Power Line Conducted Emission	FCC part 15.207	N/A The EUT is DC power supply
Conducted Output Power	FCC part 15.247 (b)(3)	Pass
Channel Bandwidth & 99% OCB	FCC part 15.247 (a)(2)	Pass
Power Spectral Density	FCC part 15.247 (e)	Pass
Band Edge	FCC part 15.247(d)	Pass
Spurious Emission	FCC part 15.205/15.209	Pass

Remark: Test according to ANSI C63.10:2013

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

N/A: In this whole report not applicable.

Measurement Uncertainty

No.	Them was a second of the secon	Measurement Uncertainty
1	Radio Frequency	±7.25×10 ⁻⁸
2	Duty cycle	±0.37%
3	Occupied Bandwidth	±3%
4 %	RF conducted power	±0.75dB
5	RF power density	±3dB
6	Conducted Spurious emissions	±2.58dB
700	AC Power Line Conducted Emission	±3.44dB (0.15MHz ~ 30MHz)
TS GTS GTS		±3.1dB (9kHz-30MHz)
GR GAR GAR		±3.8039dB (30MHz-200MHz)
8	Radiated Spurious Emission Test	±3.9679dB (200MHz-1GHz)
ts crs crs crs c		±4.29dB (1GHz-18GHz)
GIS GTS GTS GT		±3.30dB (18GHz-40GHz)
9	Temperature test	#1°C
10	Humidity test	±3%
11	Time	±3%



5 General Information

5.1 General Description of EUT

Product Name:	Smart camera
Model No.:	L1, L3, L4, L5, L6, L7, L8, L9, L10, D2
Test sample(s) ID:	GTSL2024060355-1
Sample(s) Status:	Engineer sample
S/N:	
Operation Frequency:	802.11b/802.11g/802.11n(HT20): 2412MHz~2462MHz
Channel numbers:	802.11b/802.11g /802.11n(HT20): 11
Channel separation:	5MHz
Modulation technology:	802.11b: Direct Sequence Spread Spectrum (DSSS) 802.11g/802.11n(HT20): Orthogonal Frequency Division Multiplexing (OFDM)
Antenna Type:	PCB Antenna
Antenna gain:	2.04 dBi
Power supply:	Rechargeable Li-ion Battery 3.7V-

Note:

The product (Smart camera) Models (L3) and models (L1, L4, L5, L6, L7, L8, L9, L10, D2) the difference is only to distinguish different sales areas of different customers, the model name is different, and the products are exactly the same.

Remark:

- 1. Antenna gain information provided by the customer
- 2. The relevant information of the sample is provided by the entrusting company, and the laboratory is not responsible for its authenticity.



Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
	2412MHz	**************************************	2427MHz	218 018 7 18 018 018 018 0	2442MHz	10	2457MHz
	2417MHz	5.	2432MHz		2447MHz	75 ers 1 5 1 77 ers 25	2462MHz
3	2422MHz	Company (1976)	2437MHz		2452MHz	org org	018 018 019 018 018 018 018 018 018 018 018 018 018

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)	
Lowest channel	2412MHz	
Middle channel	2437MHz	
Highest channel	2462MHz	



5.2 Test mode

978	Transmitting mode	Keep	the EUT in continuously transm	nitting mode	Cly Cly Cry Cly C	78 678 678 678	che che che c	TS Gran
G_{ij}		Gn. Gro		Grand Grand Grand				

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)
Data rate	1Mbps	6Mbps	6.5Mbps

5.3 Description of Support Units

0	Manufacturer	Description	Model	Serial Number
6	Dongguan Golden Cel Battery Co.,Ltd.	Rechargeable Li-ion Battery	CEL18650	N/A

5.4 Deviation from Standards

None.

5.5 Abnormalities from Standard Conditions

None.

5.6 Test Facility

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

• FCC—Registration No.: 381383

Designation Number: CN5029

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.

• ISED—Registration No.: 9079A

CAB identifier: CN0091

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of ISED for radio equipment testing

• NVLAP (LAB CODE:600179-0)

Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

5.7 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Tel: 0755-27798480 Fax: 0755-27798960

5.8 Additional Instructions

6	Test Software	Special test command provided by manufacturer
G G S	Power level setup	Default

Global United Technology Services Co., Ltd.

No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

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



6 Test Instruments list

Radia	ated Emission:		A CASE OF THE CASE	78 CT8 CT8 CT8 CT8		
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1 on 1 on	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	June 23, 2021 June 22, 2024	June 22, 2024 June 21, 2027
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A
n on 3 on	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	April 11, 2024	April 10, 2025
73	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	GTS640	March 19, 2023	March 18, 2025
5° 075	Double -ridged SCHWARZBECK		BBHA 9120 D	GTS208	April 17, 2023	April 16, 2025
6	EMI Test Software AUDIX		18 or 18 or E3 18 or 27 or	N/A	N/A	N/A
7	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	April 11, 2024	April 10, 2025
8	Loop Antenna	ZHINAN	ZN30900A	GTS534	Nov. 13, 2023	Nov.12, 2024
9	Broadband Preamplifier	SCHWARZBECK	BBV9718	GTS535	April 11, 2024	April 10, 2025
10	Amplifier(1GHz-26.5GHz)	OF CO. OF CO. HP. OF CO. OF CO.	8449B	GTS601	April 11, 2024	April 10, 2025
211	Horn Antenna (18- 26.5GHz)		UG-598A/U	GTS664	Oct. 29, 2023	Oct. 28, 2024
12	Horn Antenna (26.5-40GHz)	A.H Systems	SAS-573	GTS665	Oct. 29, 2023	Oct. 28, 2024
13	FSV·Signal Analyzer (10Hz-40GHz)	Keysight	FSV-40-N	GTS666	March 12, 2024	March 11, 2025
14	Amplifier	all old old old old old old old old old o	LNA-1000-30S	GTS650	April 11, 2024	April 10, 2025
15	CDNE M2+M3-16A	HCT	30MHz-300MHz	GTS692	Nov. 08, 2023	Nov.07, 2024
16	Wideband Amplifier		WDA-01004000- 15P35	GTS602	April 11, 2024	April 10, 2025
17	Thermo meter	JINCHUANG	GSP-8A	GTS643	April 18, 2024	April 17, 2025
18	RE cable 1	GTS	N/A	GTS675	July 31. 2023	July 30. 2024
19	RE cable 2	GTS TO GTS	N/A NA NA	GTS676	July 31. 2023	July 30. 2024
20	RE cable 3	GTS	N/A	GTS677	July 31. 2023	July 30. 2024
21	1 RE cable 4 GTS		N/A	GTS678	July 31. 2023	July 30. 2024
22	RE cable 5	GTS	N/A	GTS679	July 31. 2023	July 30. 2024
23	RE cable 6	GTS	N/A	GTS680	July 31. 2023	July 30. 2024
24	RE cable 7	GTS	N/A	GTS681	July 31. 2023	July 30. 2024
25	RE cable 8	GTS	N/A	GTS682	July 31. 2023	July 30. 2024

Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102 Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960



RF C	onducted Test:					
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	April 11, 2024	April 10, 2025
2	EMI Test Receiver	R&S	ESCI 7	GTS552	April 11, 2024	April 10, 2025
3	PSA Series Spectrum Analyzer	Agilent	E4440A	GTS536	April 11, 2024	April 10, 2025
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	April 11, 2024	April 10, 2025
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	April 11, 2024	April 10, 2025
6	USB RF Power Sensor	DARE	RPR3006W	GTS569	April 11, 2024	April 10, 2025
075 7 75 075	RF Switch Box	Shongyi	RFSW3003328	GTS571	April 11, 2024	April 10, 2025
8	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	April 11, 2024	April 10, 2025
9	Thermo meter	JINCHUANG	GSP-8A	GTS641	April 18, 2024	April 17, 2025

9 6	Gene	ral used equipment:		CLR CLR CLR CLR CLR CLR CLR	or or or or or or or or		
est.	Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
678	⁷⁸ 1	Barometer	KUMAO	SF132	GTS647	April 18, 2024	April 17, 2025



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:

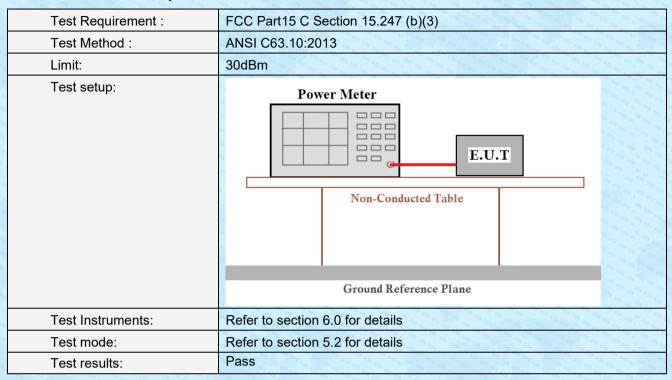
(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional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

EUT Antenna:

The antennas are PCB Antenna, the best case gain of the antennas are 2.04dBi, reference to the appendix II for details



7.2 Conducted Output Power

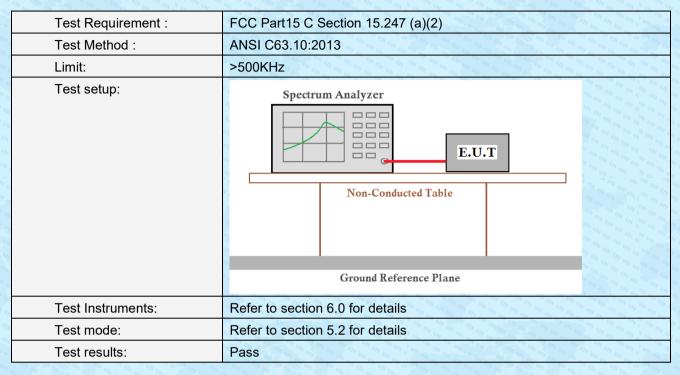


Measurement Data

	The state of the s	The state of the s	Che and the character of the character o	The transfer of the contract o	The state of the s	Gran Gran Try Try	
678 678	Test CH	(Output Power (dBm)		Limit(dBm)	Result	
Ts Ts	1631 011	802.11b	802.11g	802.11n(HT20)	Liiiii(dbiii)	rtesuit	
78 6	Lowest	3.18 m	11.81	10.50			
(0)	Middle	13.24	12.25	11.19	30.00	Pass	
62	Highest	15.37	14.16	13.13		is one one one one one one one one	



7.3 Channel Bandwidth

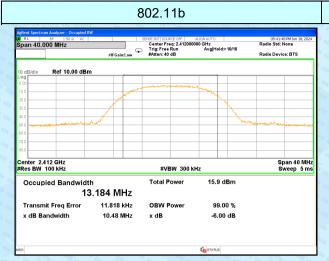


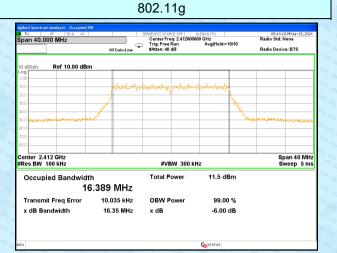
Measurement Data

	4/3	- 10 c	The state of the s	Gr. 13 18 19 0. Gr. 168	- 0 0 0 0 0 0	_ Gr_ 1/8 18 1	
	Test CH	Cl	Channel Bandwidth (MHz)				
Test off		802.11b	802.11g	802.11n(HT20)	Limit(KHz)	Result	
	Lowest	10.48	16.35	16.98			
	Middle	10.10	16.32	16.20	>500	Pass	
	Highest	10.47	16.31	16.92			

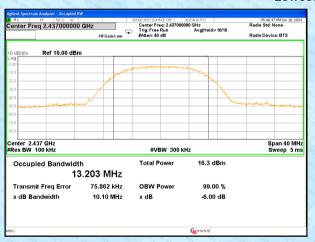


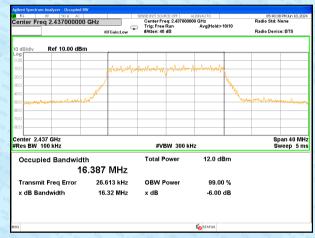
Test plot as follows:





Lowest channel





Middle channel

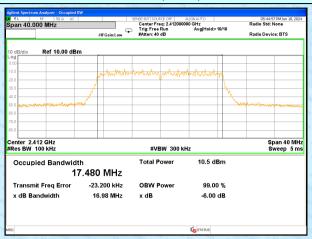




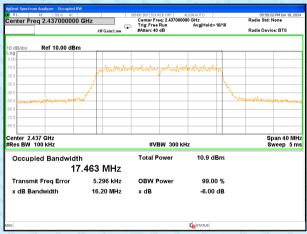
Highest channel



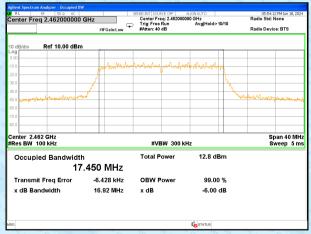
802.11n(HT20)



Lowest channel



Middle channel



Highest channel



7.4 Power Spectral Density

Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	ANSI C63.10:2013
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 To a second of the second

Measurement Data

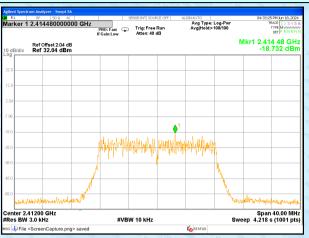
Test CH	Powe	r Spectral Density (dBr	m/3kHz)	Limit	Result
1631 011	802.11b 802.11g 802.11n(HT20)		(dBm/3kHz)	Nesuit	
Lowest	-11.406	-18.732	-21.001		
Middle	-11.272	-18.072	-20.336	8.00	Pass
Highest	-9.470	-16.243	-18.371		



Test plot as follows:

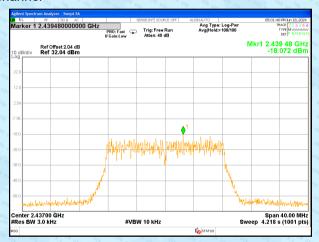






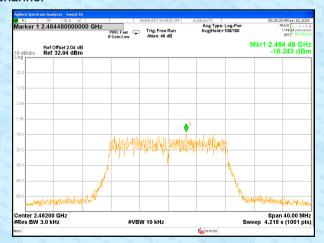
Lowest channel





Middle channel

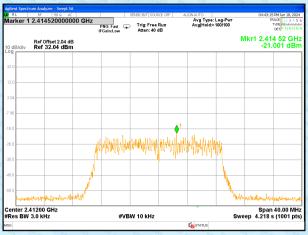




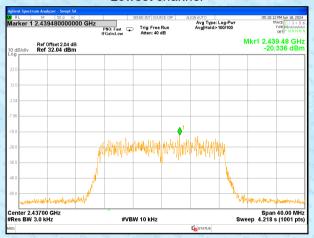
Highest channel



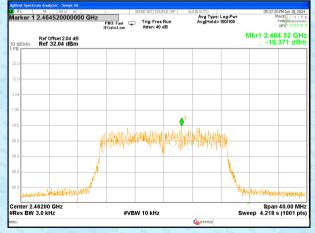
802.11n(HT20)



Lowest channel



Middle channel



Highest channel



7.5 Band edges

7.5.1 Conducted Emission Method

The state of the s						
Test Requirement:	FCC Part15 C Section 15.247 (d)					
Test Method:	ANSI C63.10:2013					
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 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:

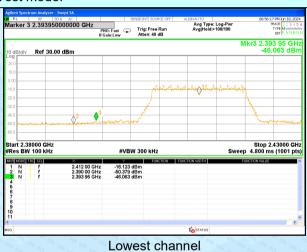


Avg Type: Log-Pwr AvalHold>100/100 Stop 2.49000 GHz Sweep 4.800 ms (1001 pts) #VBW 300 kHz -0.552 dBm -47.965 dBm -43.768 dBm

Lowest channel

Highest channel

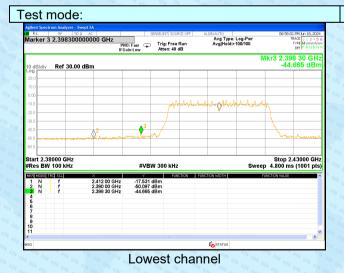


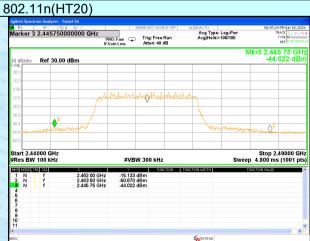


802.11g



Highest channel





Highest channel



7.5.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209 and 15.205					
Test Method:	ANSI C63.10: 2	V 100	C CIS CIS CIS CIS CIS CIS CIS CIS CIS CI	CIS CIS CIS CIS CIS	constitution of the consti	
Test Frequency Range:		t bands were	tested, only	the worst b	and's (2310MHz to	
Test site:	Measurement D		or organis	Care Care Care Care Care Care Care Care		
Receiver setup:	Frequency	Frequency Detector RBW VBW			Value	
²	on the or other	Peak	1MHz	3MHz	Peak	
8	Above 1GHz	Average	1MHz	3MHz	Average	
Limit:	Freque	0, 7/6 17	Limit (dBuV/	975 - 33	Value	
	GIS CAR GIS	ols of a cls of	54.0	No. 97% 9	Average	
	Above 1	Above 1GHz 74.00				
Test setup:	Tum Table < 1m 4m > < 1m .					
Test Procedure:	the ground a determine the 2. The EUT was antenna, whi tower. 3. The antenna ground to de horizontal an measurement. 4. For each sus and then the and the rotathe maximum. 5. The test-recesspecified Ba. 6. If the emission the limit specified ba. 6. If the emission the EUT with the EUT w	t a 3 meter ca e position of the s set 3 meters ch was mount height is varie termine the m d vertical polant. spected emiss antenna was table was turn in reading. siver system windwidth with Non level of the cified, then test yould be report hargin would be age method as	mber. The taken highest races away from the don the toped from one maximum value arizations of the tuned to heighed from 0 decreased from 0 decreased from 10 decreased from 1	ole was rotadiation. The interference of a variable meter to four the field me antenna and the form of the field me antenna and the firm of the firm of the firm of the firm of the emission of the firm of the emission of the firm of th	le-height antenna meters above the I strength. Both are set to make the ed to its worst case neter to 4 meters O degrees to find	
Test Instruments:	Refer to section	97. 72. 72.	07 77 7	To cre cre cre cre	ors one ors ors ors ors ors	
Test mode:	Refer to section	5.2 for details	S crs crs crs crs crs	S GTS GTS GTS GTS GTS	The case of the ca	
Test results:	Pass	78 076 18 078 078 078 078 078 078 078 078 078 07	Le cas	618 618 618 618 618	Care Care Case Case Case Case Case Case Case Cas	

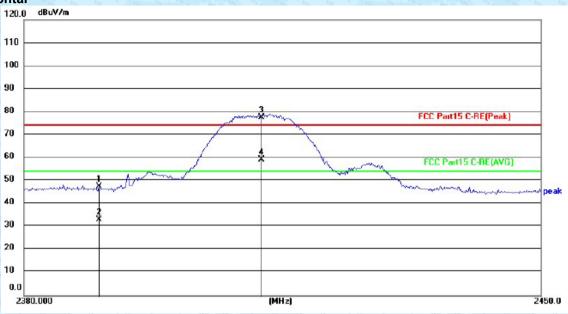
Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960



Measurement data:

Test mode: 802.11b 2412MHz Test channel: Lowest

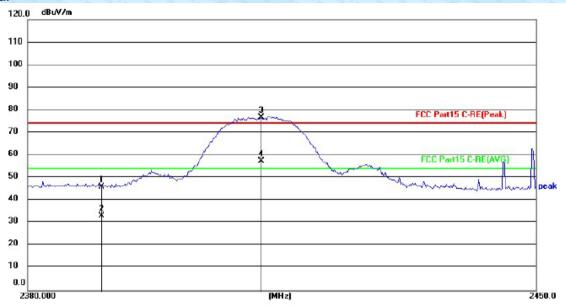
Horizontal



52 SS	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
3	1	2390.000	21.30	26.32	47.62	74.00	-26.38	peak
	2	2390.000	6.74	26.32	33.06	54.00	-20.94	AVG
6	3	2412.000	51.30	26.36	77.66	74.00	3.66	peak
G)	4	2412.000	32.91	26.36	59.27	54.00	5.27	AVG

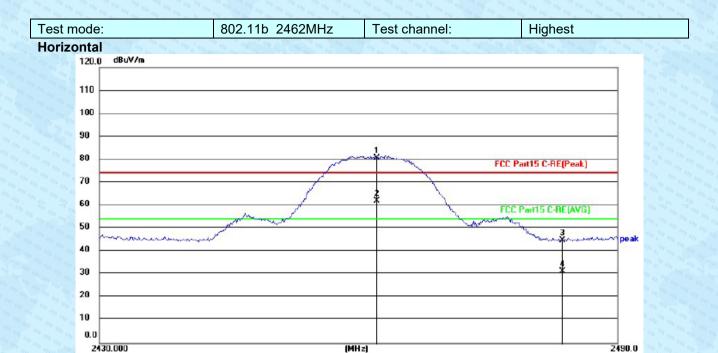


Vertical



6 8 8	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
3	1	2390.000	19.71	26.32	46.03	74.00	-27.97	peak
	2	2390.000	6.78	26.32	33.10	54.00	-20.90	AVG
	3	2412.000	50.38	26.36	76.74	74.00	2.74	peak
2	4	2412.000	31.22	26.36	57.58	54.00	3.58	AVG

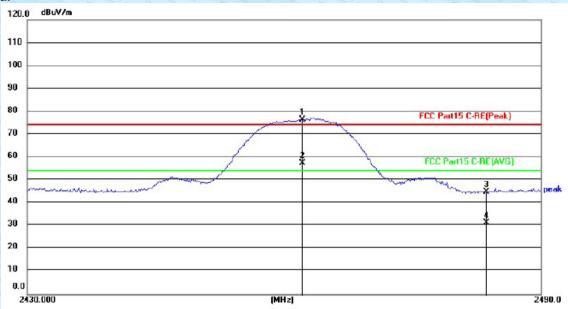




2 2 2	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	2462.000	54.22	26.44	80.66	74.00	6.66	peak
	2	2462.000	35.57	26.44	62.01	54.00	8.01	AVG
8	3	2483.500	18.43	26.47	44.90	74.00	-29.10	peak
8	4	2483.500	4.87	26.47	31.34	54.00	-22.66	AVG



Vertical

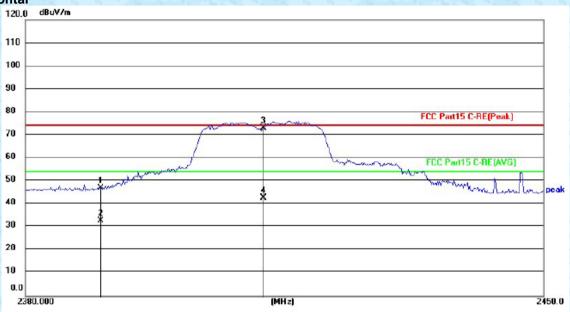


6	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
3	1	2462.000	49.91	26.44	76.35	74.00	2.35	peak
	2	2462.000	31.08	26.44	57.52	54.00	3.52	AVG
4	3	2483.500	18.42	26.47	44.89	74.00	-29.11	peak
8	4	2483.500	4.89	26.47	31.36	54.00	-22.64	AVG



Test mode: 802.11g 2412MHz Test channel: Lowest

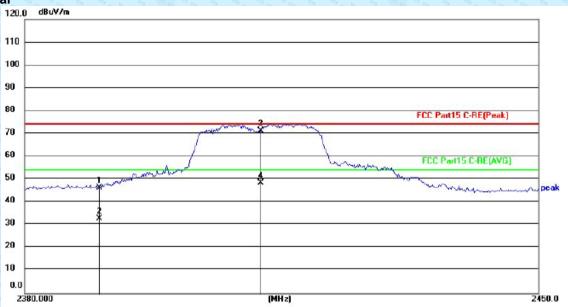
Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	2390.000	20.74	26.32	47.06	74.00	-26.94	peak
2	2390.000	6.40	26.32	32.72	54.00	-21.28	AVG
3	2412.000	46.64	26.36	73.00	74.00	-1.00	peak
4	2412.000	16.51	26.36	42.87	54.00	-11.13	AVG



Vertical

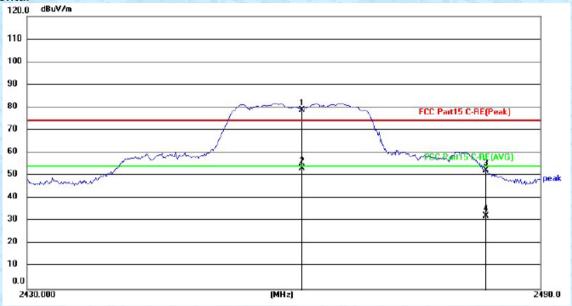


	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
Ī	1	2390.000	19.94	26.32	46.26	74.00	-27.74	peak
	2	2390.000	6.46	26.32	32.78	54.00	-21.22	AVG
	3	2412.000	44.84	26.36	71.20	74.00	-2.80	peak
Ī	4	2412.000	22.09	26.36	48.45	54.00	-5.55	AVG



Test mode: 802.11g 2462MHz Test channel: Highest

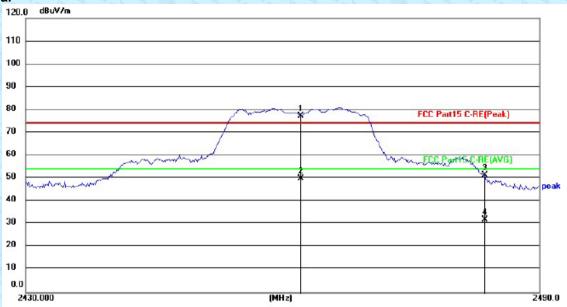
Horizontal



43	Gr. 978 6.	The state of the s	18 GT GT GT TS GT	18 Gr. 678 678	THE CO. LEWIS CO. L. STR.	San Str. 978 978 978	Gr. 678	078 078 078
	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	2462.000	52.28	26.44	78.72	74.00	4.72	peak
,	2	2462.000	26.91	26.44	53.35	54.00	-0.65	AVG
8	3	2483.500	25.89	26.47	52.36	74.00	-21.64	peak
2	4	2483.500	5.71	26.47	32.18	54.00	-21.82	AVG



Vertical

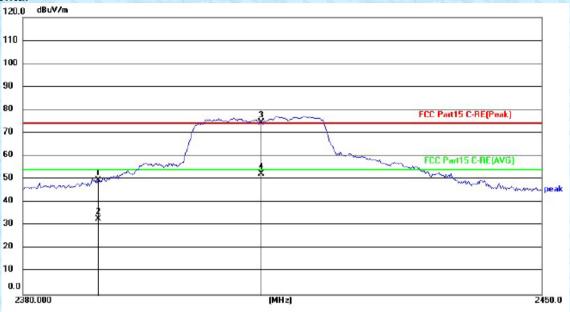


0 0	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
2	1	2462.000	50.73	26.44	77.17	74.00	3.17	peak
3	2	2462.000	23.64	26.44	50.08	54.00	-3.92	AVG
,	3	2483.500	24.99	26.47	51.46	74.00	-22.54	peak
6	4	2483.500	5.36	26.47	31.83	54.00	-22.17	AVG





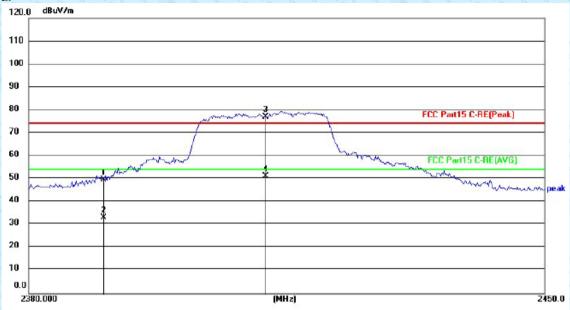
Horizontal



	678 CT 678	els els els els els	The Care of the Ca	one of the series of the serie	GAS GAS GAS		78 678 63 63	Grand Grand
72 73 73	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
8	1	2390.000	23.21	26.32	49.53	74.00	-24.47	peak
	2	2390.000	6.56	26.32	32.88	54.00	-21.12	AVG
8	3	2412.000	48.31	26.36	74.67	74.00	0.67	peak
8	4	2412.000	26.14	26.36	52.50	54.00	-1.50	AVG

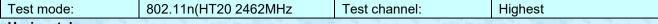


Vertical

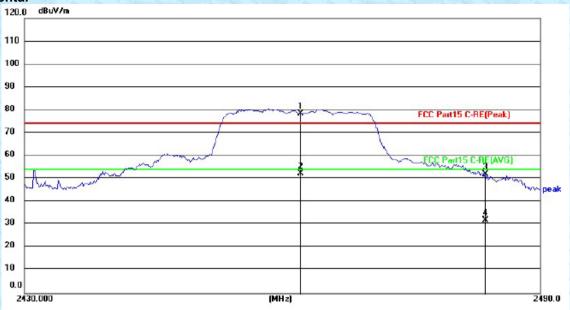


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2390.000	23.40	26.32	49.72	74.00	-24.28	peak
2	2390.000	6.72	26.32	33.04	54.00	-20.96	AVG
3	2412.000	50.47	26.36	76.83	74.00	2.83	peak
4	2412.000	24.70	26.36	51.06	54.00	-2.94	AVG





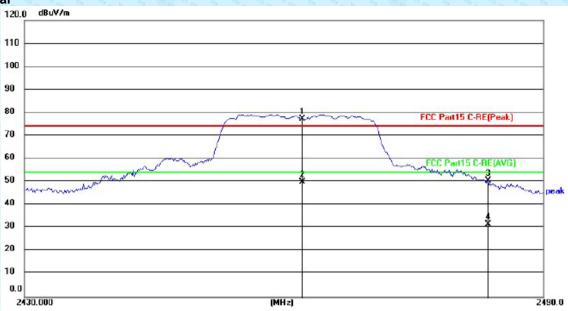
Horizontal



22 22 23 23	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	2462.000	51.93	26.44	78.37	74.00	4.37	peak
4	2	2462.000	25.91	26.44	52.35	54.00	-1.65	AVG
8	3	2483.500	25.72	26.47	52.19	74.00	-21.81	peak
35, 00	4	2483.500	5.56	26.47	32.03	54.00	-21.97	AVG



Vertical



6	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	2462.000	50.74	26.44	77.18	74.00	3.18	peak
	2	2462.000	23.49	26.44	49.93	54.00	-4.07	AVG
	3	2483.500	24.05	26.47	50.52	74.00	-23.48	peak
I	4	2483.500	5.19	26.47	31.66	54.00	-22.34	AVG

Remarks:

- 1. Only the worst case Main Antenna test data.
- 2. The pre-test were performed on lowest, middle and highest frequencies, only the worst case's (lowest and highest frequencies) data was showed.
- 3. Final Level =Receiver Read level + Antenna Factor
- 4. The emission levels of other frequencies are very lower than the limit and not show in test report.



7.6 Spurious Emission

7.6.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)					
Test Method:	ANSI C63.10:2013					
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					



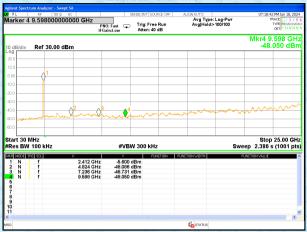
Test plot as follows:



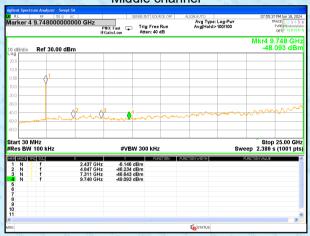


802.11n(HT20)

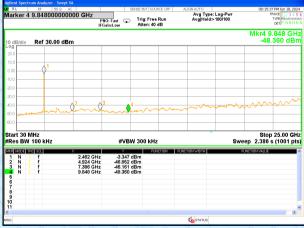
Lowest channel



30MHz~25GHz Middle channel



30MHz~25GHz Highest channel



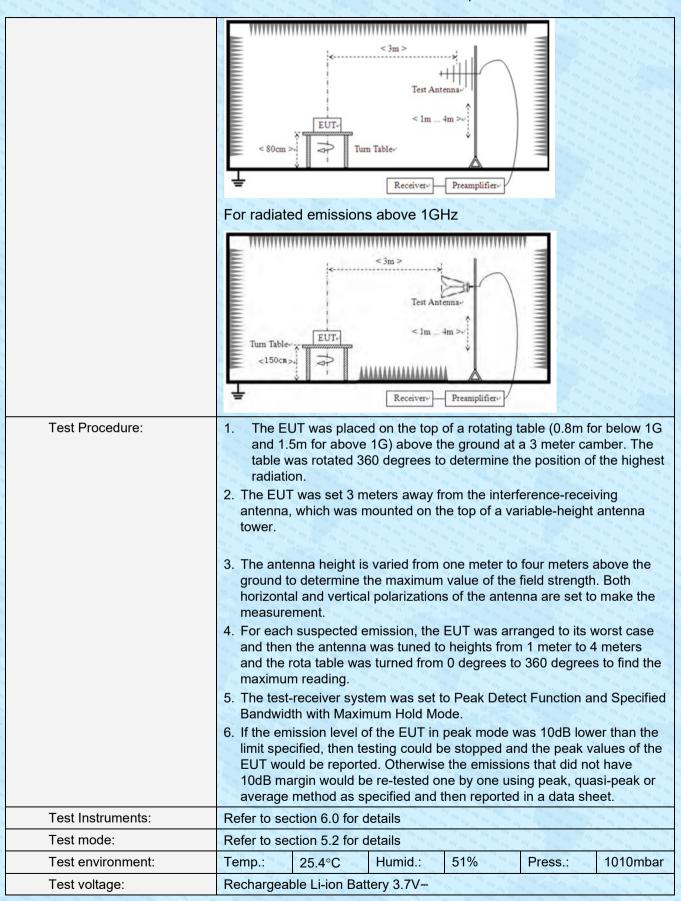
30MHz~25GHz



7.6.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209						
Test Method:	ANSI C63.10:2013	TS GTS GT	S GIS GIS GIS GIS GIS GIS GIS GIS GIS GI	278 CLS CLS CLS			
Test Frequency Range:	9kHz to 25GHz	TS GTS GTS	ore or or or or	TS GEN GEN	The Constant of Co		
Test site:	Measurement Distar	ice: :	3m 0, 0, 0	The control of the co	s or or or or or	12	
Receiver setup:	Frequency	-08	Detector	RBW	VBW	Value	
. tossilisi satapi	9KHz-150KHz	Cy 67	uasi-peak	200Hz	Car Grand	5 076 076 076 078 078 078 078 078 078 078 078 078 078	
	Car	150KHz-30MHz Qu		9KHz	30KH	Co. 1970 10 198	
	30MHz-1GHz	70 TO	uasi-peak	120KH:	60 16 18 12 12 12 12 12 12 12 12 12 12 12 12 12	Co. 100 Co. 10	
		Peak 1MHz 3MH;		3MHz	270 - 78 - 78 - 79 - 79 - 79 - 79 - 79 - 79		
	Above 1GHz	ers ers e	Peak	1MHz	10Hz	Average	
	Note: For Duty cycle < 98%, avera			Gr. 670		6 67 67 15 18 1	
Limit:	Frequency Limit (uV/m) Value				Measurement Distance		
	0.009MHz-0.490M	Hz	2400/F(k	(Hz)	PK/QP/A V	300m	
	0.490MHz-1.705M	lHz	24000/F(I	KHz)	QP	30m	
	1.705MHz-30MH	$\mathbf{Z}_{r_8}^{r_8}$ c_{r_8}	30	in chi chi chi	QP	30m	
	30MHz-88MHz	ale of the office of the offic	100		QP		
	88MHz-216MHz	7 078 078 0	150		QP		
	216MHz-960MH	Z 98 9	200		QP	3m	
	960MHz-1GHz	ers ere	500	ers ers ers	QP		
	Above 1GHz		500	976 978	Average		
	13 C18 C19 C19 C19 C18 C18 C19	TS CTS CTS	5000	618 618 618 618	Peak	Sold of the color	
Test setup:	For radiated emiss	ions	from 9kH	z to 30N	Hz		
	Test Antenna Receivery For radiated emissions from 30MHz to1GHz						







Test results:	Pass	
---------------	------	--

Remarks:

1. 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 emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o), the test result no need to reported.

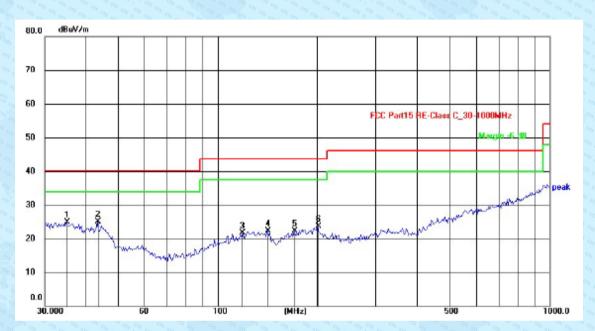
■ Above 18GHz

The emission from Above 18GHz was pre-tested and found the result was 20dB lower than the limit, the test result no need to reported.



Below 1GHz





No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector
1	34.7705	27.16	-2.22	24.94	40.00	-15.06	QP
2	43.2333	29.16	-4.03	25.13	40.00	-14.87	QP
3	118.9285	28.16	-6.50	21.66	43.50	-21.84	QP
4	141.7694	28.87	-6.66	22.21	43.50	-21.29	QP
5	170.1888	28.74	-6.51	22.23	43.50	-21.27	QP
6	200.0432	28.48	-4.75	23.73	43.50	-19.77	QP

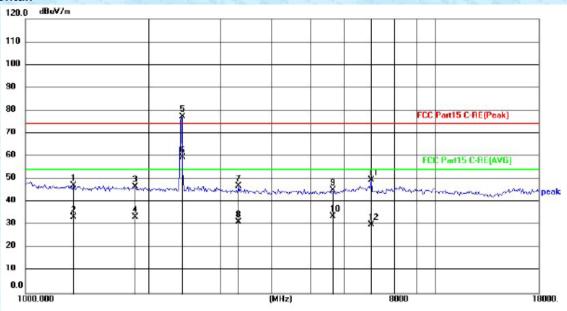


Ant. Pol.	Ver	tical		18 ch ch ch ch ch ch ch	s old old old old old old old	018 018 018 018 018 018	618 618 618 618 618 618 618 618 618 618	978 - 67. 78
Test Mode:	802	.11b 2412MF	-1Z 078 078 078 078 078 078	S ors ors ors ors ors ors	ons one one one one one	ene ene ene ene ene	The case of the ca	78 G78
Remark:	Only	y worse case	is reported				s cus cus cus cus cus cus cus cus cus cu	e18 61
	W/m	y worse case	e is reported	FDC F	Part15 RE-Class C_3	Mergin -6.	peak	
20 10 0.0 30.000	3	100	(MHz)		500	200 000	1000.0	
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	618 618 618
on on o	34.5270	28.08	-2.24	25.84	40.00	-14.16	QP	275 G
2	45.0951	28.09	-4.10	23.99	40.00	-16.01	QP	
3	56.4662	28.33	-9.43	18.90	40.00	-21.10	QP	- 975 975
4	103.3353	28.26	-8.59	19.67	43.50	-23.83	QP	678 678
²³ o ₃ 5	139.7909	29.26	-6.19	23.07	43.50	-20.43	QP	
98 07 6	200.0432	28.25	-3.15	25.10	43.50	-18.40	QP	T o



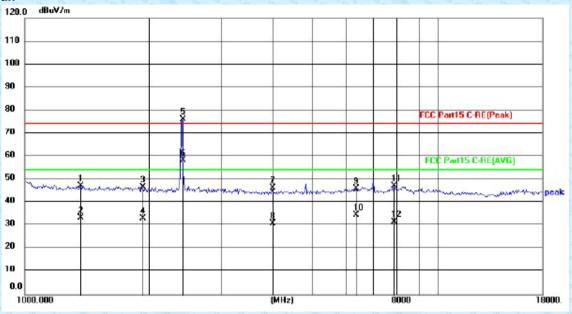
Above 1GHz

Test mode: 802.11b 2412MHz Test channel: Lowest



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1312.901	23.04	24.21	47.25	74.00	-26.75	peak
2	1312.901	9.15	24.21	33.36	54.00	-20.64	AVG
3	1858.517	21.41	25.28	46.69	74.00	-27.31	peak
4	1858.517	8.20	25.28	33.48	54.00	-20.52	AVG
5	2412.000	51.00	26.36	77.36	74.00	3.36	peak
6	2412.000	33.11	26.36	59.47	54.00	5.47	AVG
7	3316.838	18.98	27.97	46.95	74.00	-27.05	peak
8	3316.838	3.51	27.97	31.48	54.00	-22.52	AVG
9	5618.776	13.52	31.56	45.08	74.00	-28.92	peak
10	5618.776	2.12	31.56	33.68	54.00	-20.32	AVG
11	7002.185	13.76	35.80	49.56	74.00	-24.44	peak
12	7002.185	-5.66	35.80	30.14	54.00	-23.86	AVG

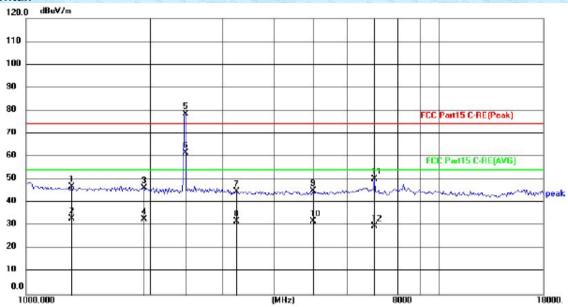




No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1367.228	23.07	24.27	47.34	74.00	-26.66	peak
2	1367.228	9.17	24.27	33.44	54.00	-20.56	AVG
3	1924.244	21.23	25.47	46.70	74.00	-27.30	peak
4	1924.244	7.56	25.47	33.03	74.00	-40.97	QP
5	2412.000	49.59	26.36	75.95	74.00	1.95	peak
6	2412.000	31.84	26.36	58.20	54.00	4.20	AVG
7	3969.238	17.39	28.86	46.25	74.00	-27.75	peak
8	3969.238	2.22	28.86	31.08	54.00	-22.92	AVG
9	6382.405	12.33	33.85	46.18	74.00	-27.82	peak
10	6382.405	0.83	33.85	34.68	54.00	-19.32	AVG
11	7862.218	10.63	36.53	47.16	74.00	-26.84	peak
12	7862.218	-4.92	36.53	31.61	54.00	-22.39	AVG

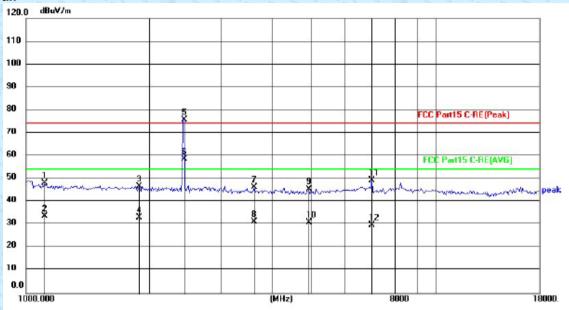


Test mode: 802.11b 2437MHz Test channel: Middle



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1290.284	22.91	24.19	47.10	74.00	-26.90	peak
2	1290.284	9.06	24.19	33.25	54.00	-20.75	AVG
3	1924.244	21.03	25.47	46.50	74.00	-27.50	peak
4	1924.244	7.35	25.47	32.82	54.00	-21.18	AVG
5	2437.000	52.05	26.40	78.45	74.00	4.45	peak
6	2437.000	35.31	26.40	61.71	54.00	7.71	AVG
7	3222.155	17.10	27.80	44.90	74.00	-29.10	peak
8	3222.155	4.10	27.80	31.90	54.00	-22.10	AVG
9	4975.246	14.73	30.45	45.18	74.00	-28.82	peak
10	4975.246	1.47	30.45	31.92	54.00	-22.08	AVG
11	7002.185	14.42	35.80	50.22	74.00	-23.78	peak
12	7002.185	-5.85	35.80	29.95	54.00	-24.05	AVG

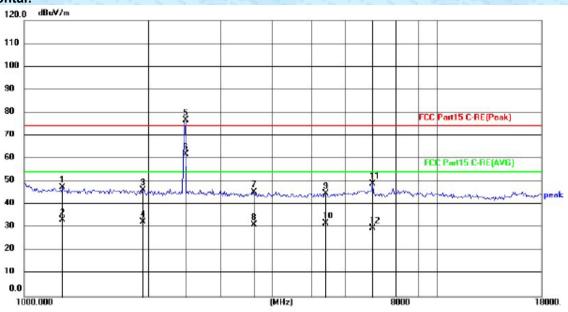




No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1109.891	24.26	23.83	48.09	74.00	-25.91	peak
2	1109.891	9.85	23.83	33.68	54.00	-20.32	AVG
3	1891.095	21.36	25.37	46.73	74.00	-27.27	peak
4	1891.095	7.64	25.37	33.01	54.00	-20.99	AVG
5	2437.000	49.41	26.40	75.81	74.00	1.81	peak
6	2437.000	32.14	26.40	58.54	54.00	4.54	AVG
7	3617.911	17.76	28.44	46.20	74.00	-27.80	peak
8	3617.911	2.81	28.44	31.25	54.00	-22.75	AVG
9	4917.942	15.27	30.32	45.59	74.00	-28.41	peak
10	4917.942	0.71	30.32	31.03	54.00	-22.97	AVG
11	7002.185	13.40	35.80	49.20	74.00	-24.80	peak
12	7002.185	-5.84	35.80	29.96	54.00	-24.04	AVG

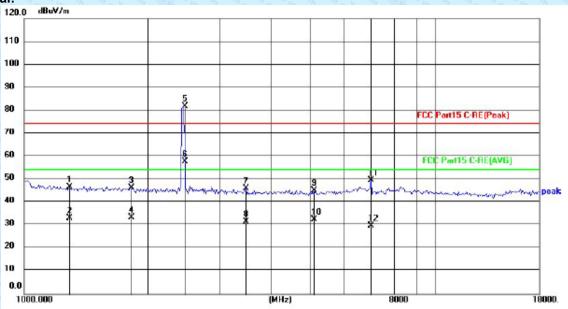


Test mode: 802.11b 2462MHz Test channel: Highest



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1239.014	23.48	24.14	47.62	74.00	-26.38	peak
2	1239.014	9.18	24.14	33.32	54.00	-20.68	AVG
3	1946.665	20.69	25.54	46.23	74.00	-27.77	peak
4	1946.665	7.13	25.54	32.67	54.00	-21.33	AVG
5	2462.000	50.19	26.44	76.63	74.00	2.63	peak
6	2462.000	35.49	26.44	61.93	54.00	7.93	AVG
7	3597.016	16.99	28.42	45.41	74.00	-28.59	peak
8	3597.016	2.94	28.42	31.36	54.00	-22.64	AVG
9	5364.350	13.93	31.01	44.94	74.00	-29.06	peak
10	5364.350	0.92	31.01	31.93	54.00	-22.07	AVG
11	7002.185	13.25	35.80	49.05	74.00	-24.95	peak
12	7002.185	-5.91	35.80	29.89	54.00	-24.11	AVG

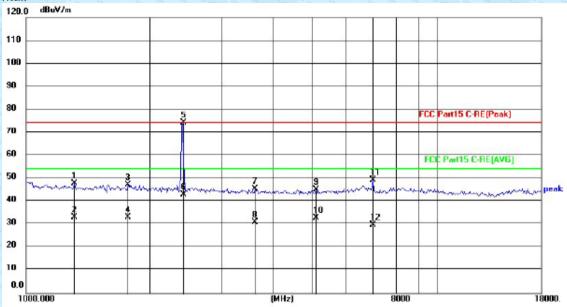




No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1290.284	22.48	24.19	46.67	74.00	-27.33	peak
2	1290.284	9.01	24.19	33.20	54.00	-20.80	AVG
3	1815.952	21.35	25.15	46.50	74.00	-27.50	peak
4	1815.952	8.28	25.15	33.43	54.00	-20.57	AVG
5	2462.000	55.39	26.44	81.83	74.00	7.83	peak
6	2462.000	31.34	26.44	57.78	54.00	3.78	AVG
7	3474.152	17.69	28.25	45.94	74.00	-28.06	peak
8	3474.152	3.38	28.25	31.63	54.00	-22.37	AVG
9	5062.457	14.53	30.59	45.12	74.00	-28.88	peak
10	5062.457	1.92	30.59	32.51	54.00	-21.49	AVG
11	7002.185	13.84	35.80	49.64	74.00	-24.36	peak
12	7002.185	-5.89	35.80	29.91	54.00	-24.09	AVG

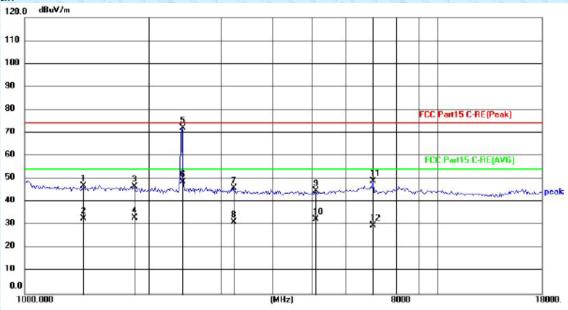


Test mode: 802.11g 2412MHz Test channel: lowest



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1312.901	23.65	24.21	47.86	74.00	-26.14	peak
2	1312.901	8.88	24.21	33.09	54.00	-20.91	AVG
3	1774.361	22.23	25.02	47.25	74.00	-26.75	peak
4	1774.361	8.08	25.02	33.10	54.00	-20.90	AVG
5	2411.946	47.88	26.36	74.24	74.00	0.24	peak
6	2411.946	16.69	26.36	43.05	54.00	-10.95	AVG
7	3617.911	17.04	28.44	45.48	74.00	-28.52	peak
8	3617.911	2.74	28.44	31.18	54.00	-22.82	AVG
9	5091.865	14.54	30.63	45.17	74.00	-28.83	peak
10	5091.865	2.32	30.63	32.95	54.00	-21.05	AVG
11	7002.185	13.59	35.80	49.39	74.00	-24.61	peak
12	7002.185	-5.95	35.80	29.85	54.00	-24.15	AVG

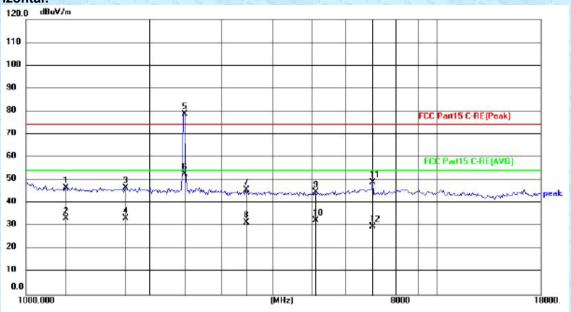




No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1391.194	22.54	24.29	46.83	74.00	-27.17	peak
2	1391.194	8.66	24.29	32.95	54.00	-21.05	AVG
3	1847.783	21.53	25.24	46.77	74.00	-27.23	peak
4	1847.783	7.86	25.24	33.10	54.00	-20.90	AVG
5	2412.000	45.70	26.36	72.06	74.00	-1.94	peak
6	2412.000	22.32	26.36	48.68	54.00	-5.32	AVG
7	3203.545	18.39	27.77	46.16	74.00	-27.84	peak
8	3203.545	3.46	27.77	31.23	54.00	-22.77	AVG
9	5062.457	14.12	30.59	44.71	74.00	-29.29	peak
10	5062.457	1.87	30.59	32.46	54.00	-21.54	AVG
11	7002.185	13.20	35.80	49.00	74.00	-25.00	peak
12	7002.185	-5.94	35.80	29.86	54.00	-24.14	AVG

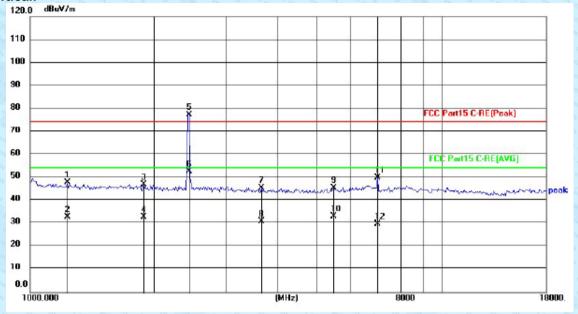


Test mode: 802.11g 2437MHz Test channel: Middle



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1246.212	22.57	24.15	46.72	74.00	-27.28	peak
2	1246.212	9.18	24.15	33.33	54.00	-20.67	AVG
3	1743.795	21.77	24.93	46.70	74.00	-27.30	peak
4	1743.795	8.51	24.93	33.44	54.00	-20.56	AVG
5	2437.000	52.48	26.40	78.88	74.00	4.88	peak
6	2437.000	26.39	26.40	52.79	54.00	-1.21	AVG
7	3434.138	17.70	28.18	45.88	74.00	-28.12	peak
8	3434.138	3.41	28.18	31.59	54.00	-22.41	AVG
9	5062.457	14.21	30.59	44.80	74.00	-29.20	peak
10	5062.457	1.91	30.59	32.50	54.00	-21.50	AVG
11	7002.185	13.26	35.80	49.06	74.00	-24.94	peak
12	7002.185	-5.89	35.80	29.91	54.00	-24.09	AVG

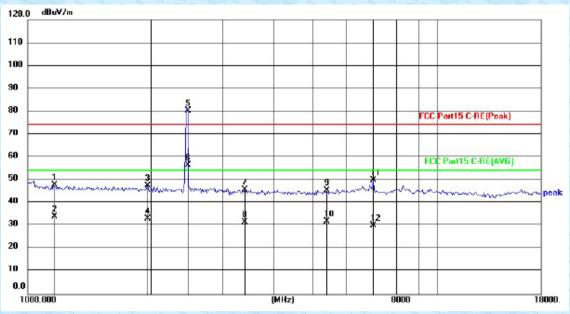




Gym Gym	173 18 page 18 page 18	and the transfer of	on Gran Gran Wis	S Cr. 97.	The state of the s	S Com Syn C	No. 175 17 Car
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1231.858	23.78	24.13	47.91	74.00	-26.09	peak
2	1231.858	8.87	24.13	33.00	54.00	-21.00	AVG
3	1891.095	21.63	25.37	47.00	74.00	-27.00	peak
4	1891.095	7.60	25.37	32.97	54.00	-21.03	AVG
5	2437.000	50.72	26.40	77.12	74.00	3.12	peak
6	2437.000	26.16	26.40	52.56	54.00	-1.44	AVG
7	3660.067	16.96	28.49	45.45	74.00	-28.55	peak
8	3660.067	2.69	28.49	31.18	54.00	-22.82	AVG
9	5490.089	14.18	31.19	45.37	74.00	-28.63	peak
10	5490.089	1.82	31.19	33.01	54.00	-20.99	AVG
11	7002.185	14.08	35.80	49.88	74.00	-24.12	peak
12	7002.185	-5.88	35.80	29.92	54.00	-24.08	AVG

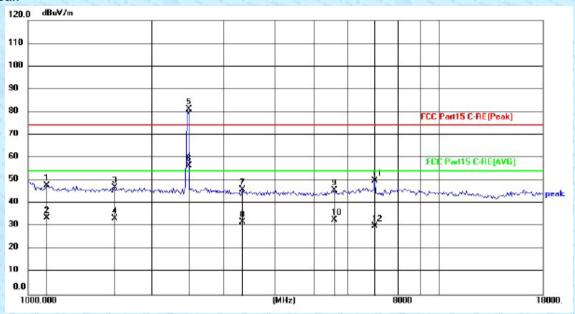


Test mode: 802.11g 2462MHz Test channel: Highest



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1155.818	23.73	23.97	47.70	74.00	-26.30	peak
2	1155.818	10.09	23.97	34.06	54.00	-19.94	AVG
3	1957.974	22.00	25.57	47.57	74.00	-26.43	peak
4	1957.974	7.62	25.57	33.19	54.00	-20.81	AVG
5	2462.000	53.87	26.44	80.31	74.00	6.31	peak
6	2462.000	30.10	26.44	56.54	54.00	2.54	AVG
7	3394.584	17.55	28.11	45.66	74.00	-28.34	peak
8	3394.584	3.51	28.11	31.62	54.00	-22.38	AVG
9	5364.350	14.50	31.01	45.51	74.00	-28.49	peak
10	5364.350	1.00	31.01	32.01	54.00	-21.99	AVG
11	7002.185	14.22	35.80	50.02	74.00	-23.98	peak
12	7002.185	-5.78	35.80	30.02	54.00	-23.98	AVG

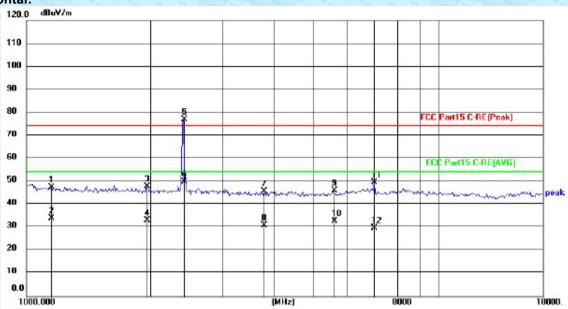




No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1109.891	24.01	23.83	47.84	74.00	-26.16	peak
2	1109.891	10.05	23.83	33.88	54.00	-20.12	AVG
3	1626.703	22.24	24.58	46.82	74.00	-27.18	peak
4	1626.703	8.94	24.58	33.52	54.00	-20.48	AVG
5	2462.000	54.70	26.44	81.14	74.00	7.14	peak
6	2462.000	30.12	26.44	56.56	54.00	2.56	AVG
7	3336.106	18.03	28.00	46.03	74.00	-27.97	peak
8	3336.106	4.07	28.00	32.07	54.00	-21.93	AVG
9	5554.060	14.49	31.36	45.85	74.00	-28.15	peak
10	5554.060	1.37	31.36	32.73	54.00	-21.27	AVG
11	7002.185	14.12	35.80	49.92	74.00	-24.08	peak
12	7002.185	-5.71	35.80	30.09	54.00	-23.91	AVG

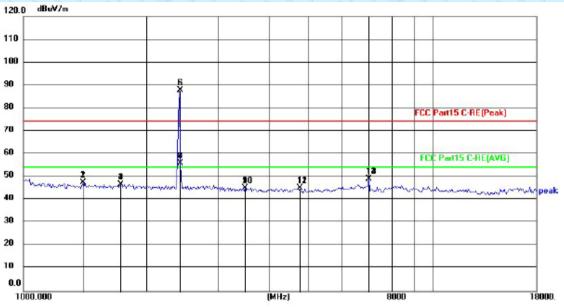


Test mode: 802.11n(HT20) 2412MHz Test channel: Lowest



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1149.142	23.73	23.95	47.68	74.00	-26.32	peak
2	1149.142	10.04	23.95	33.99	54.00	-20.01	AVG
3	1957.974	22.33	25.57	47.90	74.00	-26.10	peak
4	1957.974	7.44	25.57	33.01	54.00	-20.99	AVG
5	2411.946	50.51	26.36	76.87	74.00	2.87	peak
6	2411.946	23.67	26.36	50.03	54.00	-3.97	AVG
7	3789.505	17.03	28.65	45.68	74.00	-28.32	peak
8	3789.505	2.43	28.65	31.08	54.00	-22.92	AVG
9	5586.324	14.58	31.46	46.04	74.00	-27.96	peak
10	5586.324	1.45	31.46	32.91	54.00	-21.09	AVG
11	7002.185	13.89	35.80	49.69	74.00	-24.31	peak
12	7002.185	-6.01	35.80	29.79	54.00	-24.21	AVG



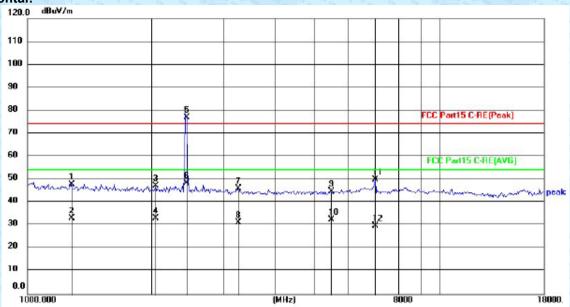


6 Chr. 178	Gr. Gr. Gr.	18 Cm	Green Green Till 1	Gr. 970 . Gr.	18 Gr.	$-\epsilon_{T_0} - \epsilon_{T_0}$	"18 " Gr 97
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1399.276	23.11	24.30	47.41	74.00	-26.59	peak
2	1399.276	23.11	24.30	47.41	74.00	-26.59	peak
3	1733.723	21.84	24.90	46.74	74.00	-27.26	peak
4	1733.723	21.84	24.90	46.74	74.00	-27.26	peak
5	2411.946	61.36	26.36	87.72	74.00	13.72	peak
6	2411.946	61.36	26.36	87.72	74.00	13.72	peak
7	2412.000	29.74	26.36	56.10	74.00	-17.90	peak
8	2412.000	29.74	26.36	56.10	74.00	-17.90	peak
9	3494.334	16.74	28.29	45.03	74.00	-28.97	peak
10	3494.334	16.74	28.29	45.03	74.00	-28.97	peak
11	4722.527	15.24	29.89	45.13	74.00	-28.87	peak
12	4722.527	15.24	29.89	45.13	74.00	-28.87	peak
13	7002.185	13.37	35.80	49.17	74.00	-24.83	peak
14	7002.185	13.37	35.80	49.17	74.00	-24.83	peak



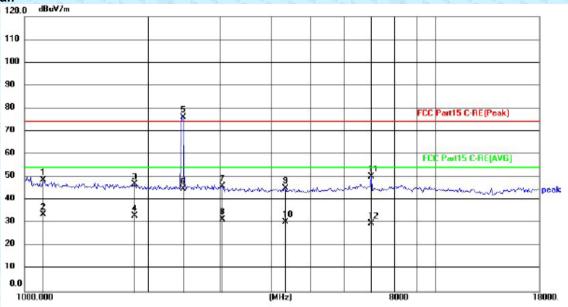
Test mode: 802.11n(HT20 2437MHz Test channel: Middle





437	on the the	178 18 m 6m	300	- Gr. 18 3 C.	Green or the second	22 - 10 S	Grand Grand
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1275.423	23.82	24.18	48.00	74.00	-26.00	peak
2	1275.423	9.00	24.18	33.18	54.00	-20.82	AVG
3	2050.838	21.33	25.78	47.11	74.00	-26.89	peak
4	2050.838	7.51	25.78	33.29	54.00	-20.71	AVG
5	2437.000	50.55	26.40	76.95	74.00	2.95	peak
6	2437.000	21.97	26.40	48.37	54.00	-5.63	AVG
7	3240.873	18.20	27.83	46.03	74.00	-27.97	peak
8	3240.873	3.42	27.83	31.25	54.00	-22.75	AVG
9	5458.381	13.86	31.14	45.00	74.00	-29.00	peak
10	5458.381	1.39	31.14	32.53	54.00	-21.47	AVG
11	7002.185	14.18	35.80	49.98	74.00	-24.02	peak
12	7002.185	-5.98	35.80	29.82	54.00	-24.18	AVG

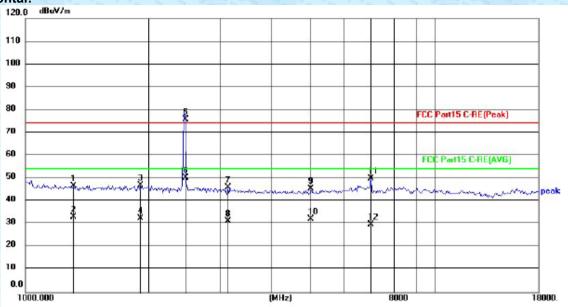




No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1109.891	25.03	23.83	48.86	74.00	-25.14	peak
2	1109.891	9.84	23.83	33.67	54.00	-20.33	AVG
3	1858.517	21.81	25.28	47.09	74.00	-26.91	peak
4	1858.517	7.94	25.28	33.22	54.00	-20.78	AVG
5	2437.000	49.69	26.40	76.09	74.00	2.09	peak
6	2437.000	18.37	26.40	44.77	54.00	-9.23	AVG
7	3023.257	18.55	27.44	45.99	74.00	-28.01	peak
8	3023.257	4.31	27.44	31.75	54.00	-22.25	AVG
9	4304.525	15.88	29.20	45.08	74.00	-28.92	peak
10	4304.525	1.39	29.20	30.59	54.00	-23.41	AVG
11	7002.185	14.39	35.80	50.19	74.00	-23.81	peak
12	7002.185	-5.96	35.80	29.84	54.00	-24.16	AVG



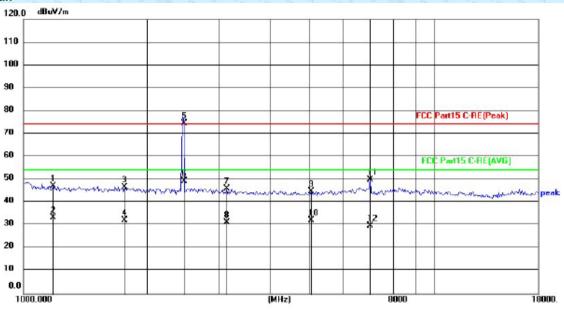
Test mode: 802.11n(HT20 2462MHz Test channel: Highest



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1312.901	22.58	24.21	46.79	74.00	-27.21	peak
2	1312.901	8.88	24.21	33.09	54.00	-20.91	AVG
3	1902.081	21.54	25.41	46.95	74.00	-27.05	peak
4	1902.081	7.25	25.41	32.66	54.00	-21.34	AVG
5	2462.000	49.21	26.44	75.65	74.00	1.65	peak
6	2462.000	23.78	26.44	50.22	54.00	-3.78	AVG
7	3130.174	18.39	27.63	46.02	74.00	-27.98	peak
8	3130.174	3.76	27.63	31.39	54.00	-22.61	AVG
9	5004.148	14.98	30.51	45.49	74.00	-28.51	peak
10	5004.148	1.74	30.51	32.25	54.00	-21.75	AVG
11	7002.185	14.12	35.80	49.92	74.00	-24.08	peak
12	7002.185	-5.96	35.80	29.84	54.00	-24.16	AVG



Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1182.910	23.06	24.05	47.11	74.00	-26.89	peak
2	1182.910	9.42	24.05	33.47	54.00	-20.53	AVG
3	1764.113	21.58	24.99	46.57	74.00	-27.43	peak
4	1764.113	7.26	24.99	32.25	54.00	-21.75	AVG
5	2462.000	48.05	26.44	74.49	74.00	0.49	peak
6	2462.000	23.05	26.44	49.49	54.00	-4.51	AVG
7	3130.174	18.47	27.63	46.10	74.00	-27.90	peak
8	3130.174	3.79	27.63	31.42	54.00	-22.58	AVG
9	5033.218	14.29	30.55	44.84	74.00	-29.16	peak
10	5033.218	1.63	30.55	32.18	54.00	-21.82	AVG
11	7002.185	14.27	35.80	50.07	74.00	-23.93	peak
12	7002.185	-5.96	35.80	29.84	54.00	-24.16	AVG

Remarks:

- 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.



8 Test Setup Photo

Reference to the appendix I for details.

9 EUT Constructional Details

Reference to the appendix II and appendix III for details.

-----End-----