GTS Global United Technology Services Co., Ltd.

Report No.: GTSL2023100128

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
Equipment Under Test (E	
Product Name:	Wi-fi Baby Monitor
Model No.:	B1
Add. Model No.:	S8, K8, K9, K10, Z10, Z11, Z12, Z13, Z14, S5A, A1, M1, C1,
Trade Mark:	C2, C3, C4 N/A
FCC ID:	2APD7-B1
Applicable standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247
Date of sample receipt:	2023-09-15
Date of Test:	2023-09-15 to 2023-10-12
Date of report issued:	2023-10-16
Test Result :	PASS *

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

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 64



2 Version

Report No.	Version No.	Date	Description
GTSL2023100128	00	2023-10-16	Original

Prepared By:

Isamellu

Date:

2023-10-16

Project Engineer

Check By:

Date:

2023-10-16

Reviewer

objuson (un)

Report No.: GTSL2023100128

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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	Pass
Conducted Peak 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 and RSS-Gen Pass: The EUT complies with the essential requirements in the standard. N/A: In this whole report not applicable.

Measurement Uncertainty

No.	Item	Measurement Uncertainty		
1	Radio Frequency	1 x 10 ⁻⁷		
2	Duty Cycle	0.37%		
3	Occupied Bandwidth 2.8dB			
4	RF Conducted Power	0.75dB		
5	5 RF Power Density 3dB			
6	Conducted Spurious Emissions	2.58dB		
7	AC Power Line Conducted Emission	3.44dB (0.15MHz ~ 30MHz)		
10 m		3.1dB (9kHz-30MHz)		
1		3.8039dB (30MHz-200MHz)		
8	Radiated Spurious Emission Test	3.9679dB (200MHz-1GHz)		
and		4.29dB (1GHz-18GHz)		
50.00		3.30dB (18GHz-40GHz)		
Note	(1): The measurement uncertainty is for cove	rage factor of k=2 and a level of confidence of 95%.		



General Information 5

5.1 **General Description of EUT**

the second s	
Product Name:	Wi-fi Baby Monitor
Model No.:	B1 and a star
Add. Model No.:	S8, K8, K9, K10, Z10, Z11, Z12, Z13, Z14, S5A, A1, M1, C1, C2, C3, C4
Serial No.:	N/A
Hardware Version:	V1.0
Software Version:	V1.0
Test sample(s) ID:	GTSL2023100128
Sample(s) Status:	Engineer sample
Sample(s) Status	Engineer sample
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(H20): Orthogonal Frequency Division Multiplexing (OFDM)
Antenna Type:	PCB Antenna
Antenna gain:	2.23 dBi
Power supply:	5Vdc 1A
Note:	

The product (Wi-fi Baby Monitor) models (B1) and models (S8, K8, K9, K10, Z10, Z11, Z12, Z13, Z14, S5A, A1, M1, C1, C2, C3, C4) the difference is only the model name difference, and the circuit principle, safety structure and key parts are all the same. The differences do not affect the EMC performance.

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
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:

Tost shannel	Frequency (MHz)
Test channel	802.11b/802.11g/802.11n(HT20)
Lowest channel	2412MHz
Middle channel	2437MHz
Highest channel	2462MHz



6.5Mbps

5.2 Test mode

- 1 -	and the second	on on one of the	and the one of the one of						
	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)								

5.3 Description of Support Units

Data rate

Manufacturer	Description	Model	Serial Number
SHENZHEN XED POWER SUPPLY CO, LTD	Power Adapter	XED-UL050100CU	N/A

6Mbps

5.4 Deviation from Standards

None.

5.5 Abnormalities from Standard Conditions

1Mbps

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

Test Software	Special test command provided by manufacturer
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	ted Emission:	a stand and a stranger of a		and an and an	The second second second	a sea to for a start
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	June 23, 2021	June 22, 2024
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	April 14, 2023	April 13, 2024
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	GTS640	March 19, 2023	March 18, 2025
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	April 17, 2023	April 16, 2025
6	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
7	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	April 14, 2023	April 13, 2024
8	Loop Antenna	ZHINAN	ZN30900A	GTS534	Nov. 29, 2022	Nov. 28, 2023
9	Broadband Preamplifier	SCHWARZBECK	BBV9718	GTS535	April 14, 2023	April 13, 2024
10	Amplifier(1GHz-26.5GHz)	HP	8449B	GTS601	April 14, 2023	April 13, 2024
11	Horn Antenna (18- 26.5GHz)		UG-598A/U	GTS664	Oct. 30, 2022	Oct. 29, 2023
12	Horn Antenna (26.5-40GHz)	A.H Systems	SAS-573	GTS665	Oct. 30, 2022	Oct. 29, 2023
13	FSV-Signal Analyzer (10Hz-40GHz)	Keysight	FSV-40-N	GTS666	March 13, 2023	March 12, 2024
14	Amplifier	and the second	LNA-1000-30S	GTS650	April 14, 2023	April 13, 2024
15	CDNE M2+M3-16A	НСТ	30MHz-300MHz	GTS668	Dec. 20, 2022	Dec.19, 2023
16	Wideband Amplifier		WDA-01004000- 15P35	GTS602	April 14, 2023	April 13, 2024
17	Thermo meter	JINCHUANG	GSP-8A	GTS643	April 19, 2023	April 18, 2024
18	RE cable 1	GTS	N/A	GTS675	July 31. 2023	July 30. 2024
19	RE cable 2	GTS	N/A	GTS676	July 31. 2023	July 30. 2024
20	RE cable 3	GTS	N/A	GTS677	July 31. 2023	July 30. 2024
21	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



Con	Conducted Emission					
ltem	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	July 12, 2022	July 11, 2027
2	EMI Test Receiver	R&S	ESCI 7	GTS552	April 14, 2023	April 13, 2024
3	LISN	ROHDE & SCHWARZ	ENV216	GTS226	April 14, 2023	April 13, 2024
4	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A
5	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
6	Thermo meter	JINCHUANG	GSP-8A	GTS642	April 19, 2023	April 18, 2024
7	Absorbing clamp	Elektronik- Feinmechanik	MDS21	GTS229	April 14, 2023	April 13, 2024
8	ISN	SCHWARZBECK	NTFM 8158	GTS565	April 14, 2023	April 13, 2024
9	High voltage probe	SCHWARZBECK	TK9420	GTS537	April 14, 2023	April 13, 2024
10	Antenna end assembly	Weinschel	1870A	GTS560	April 14, 2023	April 13, 2024

RF Conducted 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 14, 2023	April 13, 2024
2	EMI Test Receiver	R&S	ESCI 7	GTS552	April 14, 2023	April 13, 2024
3	PSA Series Spectrum Analyzer	Agilent	E4440A	GTS536	April 14, 2023	April 13, 2024
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	April 14, 2023	April 13, 2024
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	April 14, 2023	April 13, 2024
6	USB RF Power Sensor	DARE	RPR3006W	GTS569	April 14, 2023	April 13, 2024
7	RF Switch Box	Shongyi	RFSW3003328	GTS571	April 14, 2023	April 13, 2024
8	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	April 14, 2023	April 13, 2024
9	Thermo meter	JINCHUANG	GSP-8A	GTS641	April 19, 2023	April 18, 2024

Gene	eral used equipment:					
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Barometer	KUMAO	SF132	GTS647	April 19, 2023	April 18, 2024

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7 Test results and Measurement Data

7.1 Antenna requirement

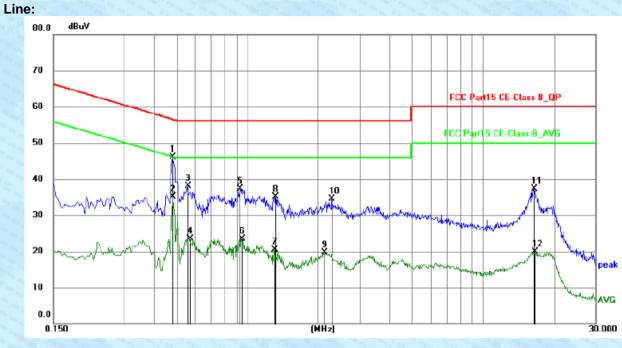
t: FCC Part15 C Section 15.203 /247(c)					
be designed to ensure that no antenna other than that furnished by the used with the device. The use of a permanently attached antenna or of an coupling to the intentional radiator, the manufacturer may design the unit an be replaced by the user, but the use of a standard antenna jack or bited. nt: 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point insmitting antennas with directional gain greater than 6dBi provided the t power of the intentional radiator is reduced by 1 dB for every 3 dB that the na exceeds 6dBi.					
The antennas are PCB Antenna, the best case gain of the antennas are 2.23dBi, reference to the appendix III for details					

7.2 Conducted Emissions

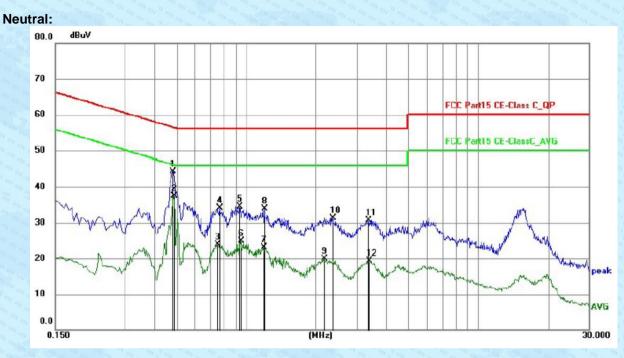
and the second sec		and the state of the	10 10 10 10 10 10 10 10 10 10 10 10 10 1	and the second s
Test Requirement:	FCC Part15 C Section 15.207			
Test Method:	ANSI C63.10:2013	and the second second second		
Test Frequency Range:	150KHz to 30MHz	an a		
Receiver setup:	RBW=9KHz, VBW=30KHz, Sv	weep time=auto		
Limit:	Frequency range (MHz)		(dBuV)	en an an an an an
	and the second sec	Quasi-peak	Aver	
	0.15-0.5	66 to 56*	56 to	90 GD 90
	0.5-5	56 60	4	- 67 - 67 - VIS
	* Decreases with the logarithm			0
Test setup:	Reference Plane	ror the nequency.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	an an an an an
Test procedure:	LISN 40cm 80cm AUX Equipment E.U.T Equipment E.U.T E.U.T Test table/Insulation plane Remark: LISN Lisk Line impedance Stabilization Network Test table height=0.8m 1. The E.U.T and simulators a line impedance stabilization 500hm/50uH coupling impedance 2. The peripheral devices are	EMI Receiver are connected to the network (L.I.S.N.). edance for the measu also connected to the	This provides uring equipmone ne main powe	s a ent. er through a
	 LISN that provides a 50ohn termination. (Please refer to photographs). 3. Both sides of A.C. line are of interference. In order to find positions of equipment and according to ANSI C63.10:20 	n/50uH coupling imp o the block diagram o checked for maximun d the maximum emis all of the interface c 2013 on conducted r	edance with of the test set m conducted sion, the rela ables must b	50ohm tup and tive e changed
Test Instruments:	Refer to section 6.0 for details			
Test mode:	Refer to section 5.2 for details		an an an an	and an an an an
Test environment:	Temp.: 25°C Hum	nid.: 52%	Press.:	1010mbar
Test voltage:	120V/60Hz			an an a an an an
Test results:	Pass	an an an an an an an an	and the state	en en en en en en
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Measurement data



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.4830	36.31	9.71	46.02	56.29	-10.27	QP	Ρ
2	0.4830	25.44	9.71	35.15	46.29	-11.14	AVG	Ρ
3	0.5595	28.44	9.71	38.15	56.00	-17.85	QP	Ρ
4	0.5685	13.89	9.71	23.60	46.00	-22.40	AVG	Ρ
5	0.9285	27.74	9.65	37.39	56.00	-18.61	QP	Ρ
6	0.9465	13.86	9.65	23.51	46.00	-22.49	AVG	Ρ
7	1.2975	10.94	9.66	20.60	46.00	-25.40	AVG	P
8	1.3154	25.53	9.66	35.19	56.00	-20.81	QP	Ρ
9	2.1210	9.96	9.72	19.68	46.00	-26.32	AVG	Ρ
10	2.2740	24.70	9.72	34.42	56.00	-21.58	QP	Ρ
11	16.4040	27.46	9.92	37.38	60.00	-22.62	QP	P
12	16.5840	10.01	9.92	19.93	50.00	-30.07	AVG	Ρ



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.4830	34.57	9.71	44.28	56.29	-12.01	QP	Ρ
2	0.4875	27.74	9.71	37.45	46.21	-8.76	AVG	Ρ
3	0.7530	14.24	9.69	23.93	46.00	-22.07	AVG	P
4	0.7710	24.47	9.69	34.16	56.00	-21.84	QP	Ρ
5	0.9375	24.94	9.65	34.59	56.00	-21.41	QP	Ρ
6	0.9465	15.18	9.65	24.83	46.00	-21.17	AVG	Ρ
7	1.1895	13.39	9.65	23.04	46.00	-22.96	AVG	P
8	1.1985	24.19	9.65	33.84	56.00	-22.16	QP	Ρ
9	2.1570	10.14	9.72	19.86	46.00	-26.14	AVG	Ρ
10	2.3594	21.63	9.72	31.35	56.00	-24.65	QP	Ρ
11	3.3585	21.04	9.72	30.76	56.00	-25.24	QP	P
12	3.3900	9.62	9.72	19.34	46.00	-26.66	AVG	Ρ

7.3 Conducted Peak Output Power

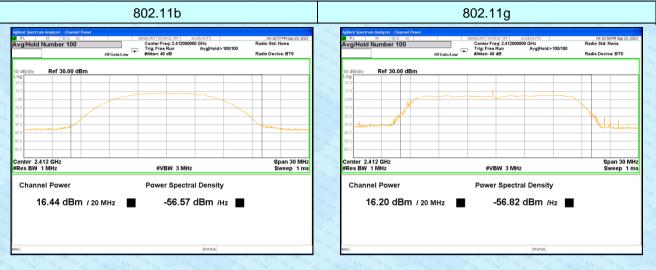
Test Requirement :	FCC Part15 C Section 15.247 (b)(3)			
Test Method :	KDB558074 D01 15.247 Meas Guidance v05r02			
Limit:	30dBm			
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane			
Test Instruments:	Refer to section 6.0 for details			
Test mode:	Refer to section 5.2 for details			
Test results:	Pass			

Measurement Data

Test CH	Pea	Limit(dBm)	Result		
rescorr	802.11b	802.11g 802.11n(HT20)		Linii(abiii)	Nesuli
Lowest	16.44	16.20	15.20		
Middle	18.42	18.46	17.02	30.00	Pass
Highest	18.90	18.36	17.33		



Test plot as follows:



Lowest channel



Middle channel



Highest channel





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

7.4 Channel Bandwidth & 99% Occupy Bandwidth

Test Requirement :	FCC Part15 C Section 15.247 (a)(2)		
Test Method :	KDB558074 D01 15.247 Meas Guidance v05r02		
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

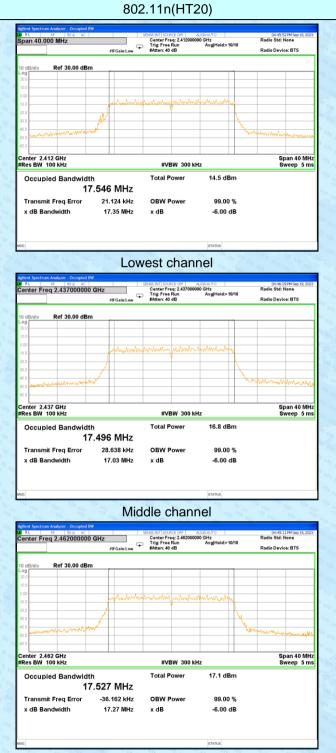
Test CH	Cł	Limit(KHz)	Result		
rescorr	802.11b		Result		
Lowest	9.277	16.44	17.35		
Middle	9.670	16.37	17.03	>500	Pass
Highest	10.30	16.41	17.27		



Test plot as follows:







Highest channel

7.5 Power Spectral Density

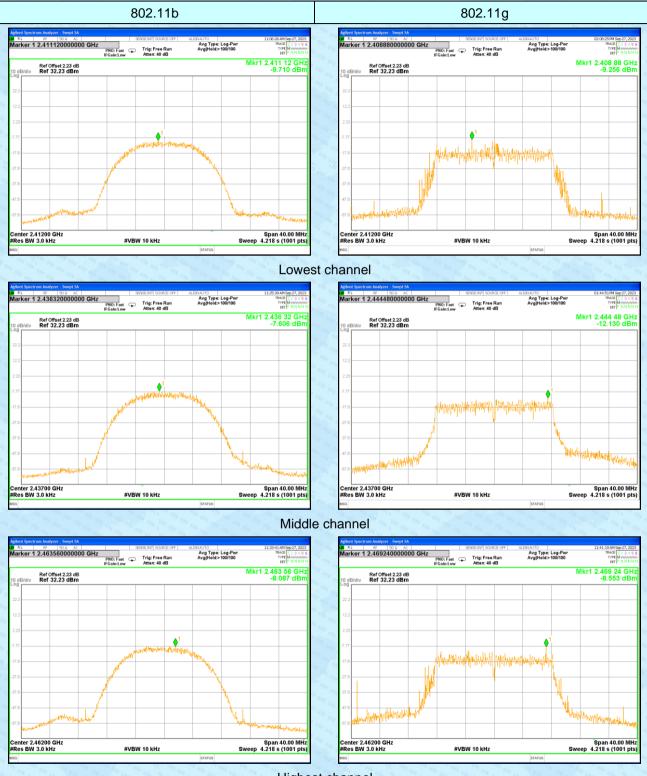
15	Test Requirement:	FCC Part15 C Section 15.247 (e)		
x.	Test Method:	KDB558074 D01 15.247 Meas Guidance v05r02		
0	Limit:	8dBm/3kHz		
二百 97 99 99 99 99 99 99 99 99 99 99 99 99	Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane		
2	To at la atra ante arte.			
0h	Test Instruments:	Refer to section 6.0 for details		
24	Test mode:	Refer to section 5.2 for details		
2	Test results:	Pass		

Measurement Data

Test CH	Powe	r Spectral Density (dB	m/3kHz)	Limit	Result	
restor	802.11b	11b 802.11g 802.11n(HT20)		(dBm/3kHz)	Result	
Lowest	-9.710	-9.256	-8.839			
Middle	-7.606	-12.130	-11.721	8.00	Pass	
Highest	-8.087	-8.553	-7.588			



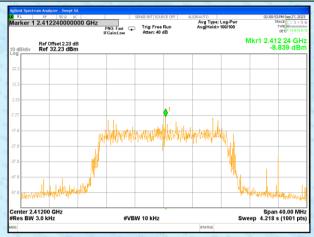
Test plot as follows:



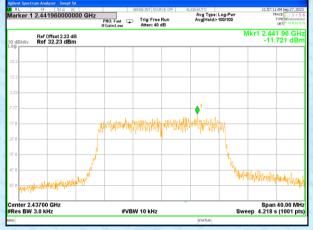
Highest channel

802.11n(HT20)

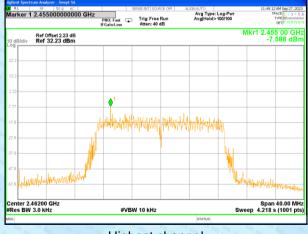
Report No.: GTSL2023100128



Lowest channel



Middle channel



Highest channel



7.6 Band edges

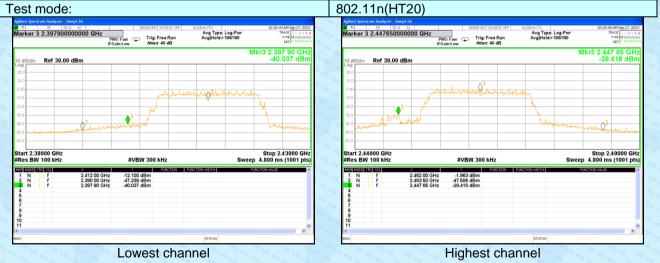
7.6.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)						
Test Method:	KDB558074 D01 15.247 Meas Guidance v05r02						
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						
8	Ground Reference Plane						
Test Instruments:	Refer to section 6.0 for details						
Test mode:	Refer to section 5.2 for details						
Test results:	Pass						

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Test plot as follows:





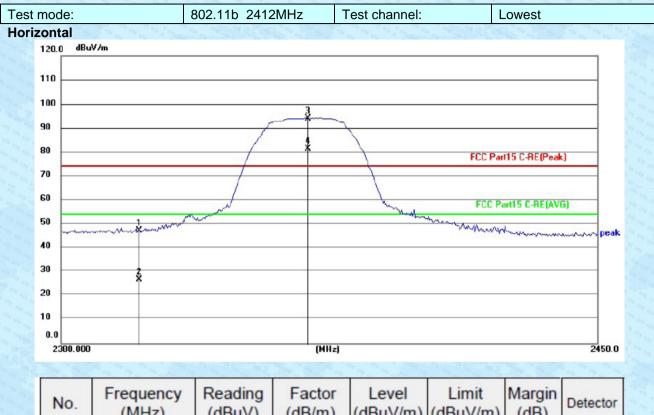
Global United Technology Services Co., Ltd. No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102 Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960

7.6.2 Radiated Emission Method

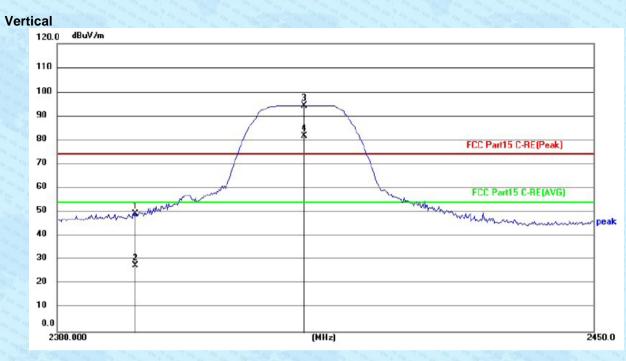
		9 and 15.205	Mar Da Sta	and an an an an an an an
	the second se	a man in the start	Diana and an an	and an an an an an an an
			the worst t	band's (2310MHz t
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	an an an an	
Frequency	Detector	RBW	VBW	Value
	Peak		3MHz	Peak
Above 1GHz	and the second s			Average
Freque	112	10 Mar	3.15 1.3	Value
The state of the state of the state	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Average
Above 1	GHz -		10 Th 10 Th	Peak
Turn Table		Test Antenna- < lm _ 4m >o		
Ŧ		Receiver+ Pres	mplifier	
 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 rota to the maximumt 5. The test-rece Specified Bar 6. If the emission the limit spect of the EUT wh have 10dB m peak or averation 7. The radiation 	e position of the set 3 meters ch was mount height is varia- ermine the m d vertical pola t. pected emiss antenna was table was turn neading. tiver system w ndwidth with f n level of the ified, then tes ould be report argin would be age method a measurement	he highest races a way from the ted on the top ed from one neaximum value arizations of the ion, the EUT of tuned to heig ned from 0 dea was set to Pea Maximum Hole EUT in peak sting could be ted. Otherwis be re-tested on a specified ar hts are perform	liation. The interference of a variable meter to four the of the field the antenna was arrang ths from 1 m grees to 36 the Detect Field Mode. mode was stopped ar the the emission the by one un the then report	nce-receiving ble-height antenna r meters above the d strength. Both are set to make th ed to its worst cas meter to 4 meters 0 degrees to find unction and 10dB lower than nd the peak values sions that did not using peak, quasi- orted in a data
		ad in the rene	rt	
worst case m				The state of the s
Refer to section	6.0 for details	S		
	ANSI C63.10: 20 All of the restrict 2500MHz) data Measurement D Frequency Above 1GHz Above 1GHz Above 1 Tim Table Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock Clock	 ANSI C63.10: 2013 All of the restrict bands were 2500MHz) data was showed. Measurement Distance: 3m Frequency Detector Above 1GHz Peak Average Frequency Above 1GHz Above 1GHz Above 1GHz In The EUT was placed on the the ground at a 3 meter can determine the position of the 2. The EUT was set 3 meters antenna, which was moun tower. The antenna height is varing ground to determine the monitor to the the antenna was and the rota table was turn the maximum reading. The test-receiver system visco the EUT would be report have 10dB margin would to peak or average method at sheet. The radiation measurement 	All of the restrict bands were tested, only 2500MHz) data was showed. Measurement Distance: 3m Frequency Detector RBW Above 1GHz Peak 1MHz Above 1GHz Average 1MHz Frequency Limit (dBuV/ Above 1GHz 74.0 Maximum rest and r	 ANSI C63.10: 2013 All of the restrict bands were tested, only the worst the 2500MHz) data was showed. Measurement Distance: 3m Frequency Detector RBW VBW Above 1GHz Peak 11MHz 3MHz Average 11MHz 3MHz Frequency Limit (dBuV/m @3m) Above 1GHz 54.00 Above 1GHz 74.00 1. The EUT was placed on the top of a rotating table the ground at a 3 meter camber. The table was rota determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interfere antenna, which was mounted on the top of a variat tower. 3. The antenna height is varied from one meter to fou ground to determine the maximum value of the field horizontal and vertical polarizations of the antenna measurement. 4. For each suspected emission, the EUT was arrang and then the antenna was tuned to heights from 1 and the rota table was turned from 0 degrees to 36 the maximum reading. 5. The test-receiver system was set to Peak Detect F Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was the limit specified, then testing could be stopped ar of the EUT would be re-tested one by one u peak or average method as specified and then reported. Otherwise the emissi have 10dB margin would be re-tested one by one u peak or average method as specified and then reported.

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Measurement data:

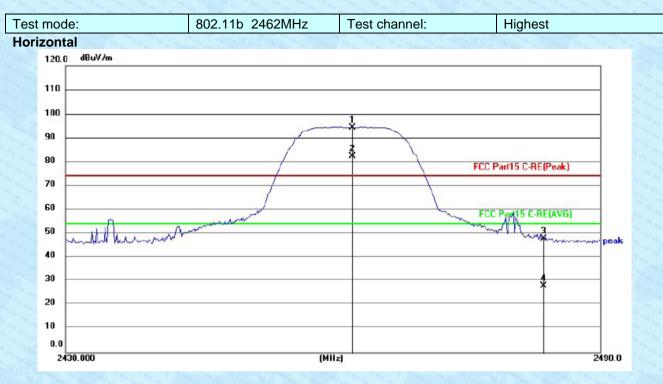


No.	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1	2390.000	21.07	26.32	47.39	74.00	-26.61	peak
2	2390.000	0.66	26.32	26.98	54.00	-27.02	AVG
3	2412.000	67.80	26.36	94.16	74.00	20.16	peak
4	2412.000	55.13	26.36	81.49	54.00	27.49	AVG

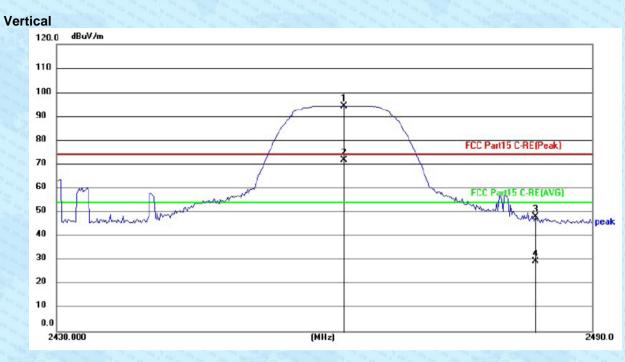


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2390.000	23.13	26.32	49.45	74.00	-24.55	peak
2	2390.000	1.32	26.32	27.64	54.00	-26.36	AVG
3	2412.000	68.10	26.36	94.46	74.00	20.46	peak
4	2412.000	55.37	26.36	81.73	54.00	27.73	AVG



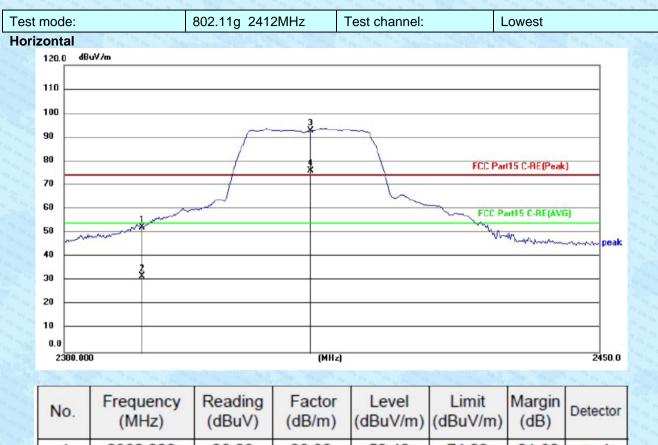


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2462.000	68.03	26.44	94.47	74.00	20.47	peak
2	2462.000	55.92	26.44	82.36	54.00	28.36	AVG
3	2483.500	21.35	26.47	47.82	74.00	-26.18	peak
4	2483.500	1.70	26.47	28.17	54.00	-25.83	AVG



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2462.000	68.02	26.44	94.46	74.00	20.46	peak
2	2462.000	45.48	26.44	71.92	54.00	17.92	AVG
3	2483.500	21.72	26.47	48.19	74.00	-25.81	peak
4	2483.500	3.21	26.47	29.68	54.00	-24.32	AVG

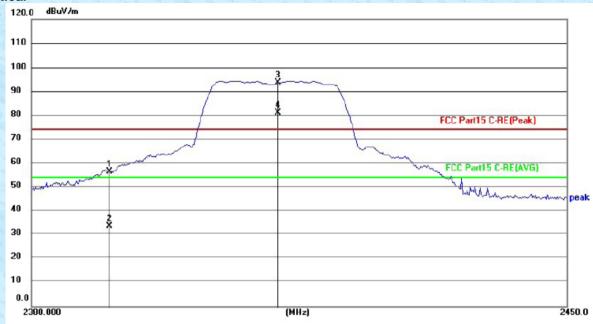




		((upur)	(ab/m)	(aba min)	(aba min)	()	
Γ	1	2390.000	26.08	26.32	52.40	74.00	-21.60	peak
Γ	2	2390.000	5.61	26.32	31.93	54.00	-22.07	AVG
Γ	3	2412.000	66.42	26.36	92.78	74.00	18.78	peak
	4	2412.000	49.72	26.36	76.08	54.00	22.08	AVG
_		2	50.		19.	20	S	

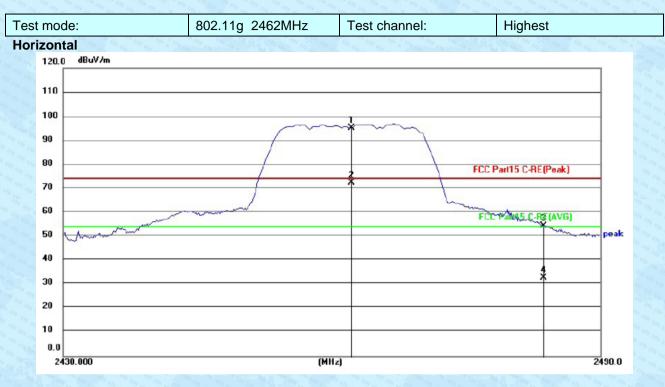
Report No.: GTSL2023100128

Vertical



	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
Γ	1	2390.000	30.22	26.32	56.54	74.00	-17.46	peak
Γ	2	2390.000	7.39	26.32	33.71	54.00	-20.29	AVG
Γ	3	2412.000	67.26	26.36	93.62	74.00	19.62	peak
E	4	2412.000	54.92	26.36	81.28	54.00	27.28	AVG

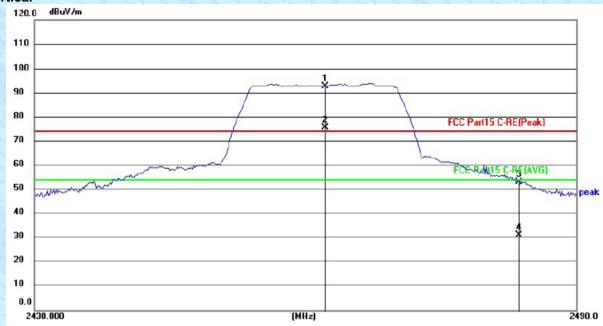




S 2 10 10	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
Γ	1	2462.000	68.89	26.44	95.33	74.00	21.33	peak
Γ	2	2462.000	46.11	26.44	72.55	54.00	18.55	AVG
	3	2483.500	27.95	26.47	54.42	74.00	-19.58	peak
0	4	2483.500	6.35	26.47	32.82	54.00	-21.18	AVG

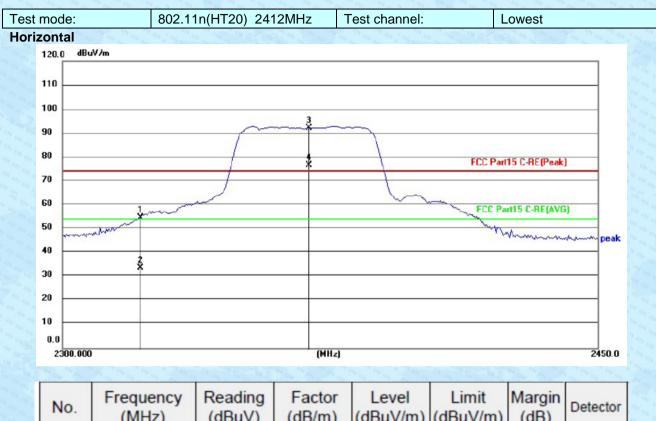
Report No.: GTSL2023100128

Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2462.000	66.34	26.44	92.78	74.00	18.78	peak
2	2462.000	49.39	26.44	75.83	54.00	21.83	AVG
3	2483.500	26.69	26.47	53.16	74.00	-20.84	peak
4	2483.500	4.81	26.47	31.28	54.00	-22.72	AVG

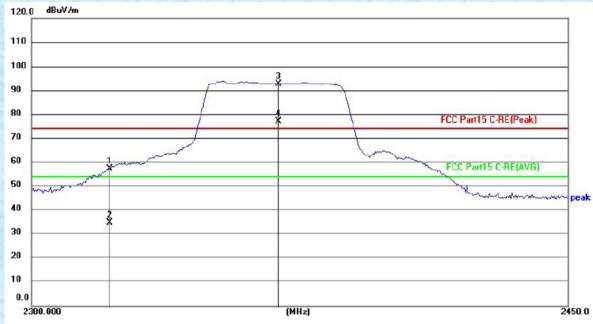




No.	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1	2390.000	28.45	26.32	54.77	74.00	-19.23	peak
2	2390.000	7.29	26.32	33.61	54.00	-20.39	AVG
3	2412.000	65.84	26.36	92.20	74.00	18.20	peak
4	2412.000	50.41	26.36	76.77	54.00	22.77	AVG

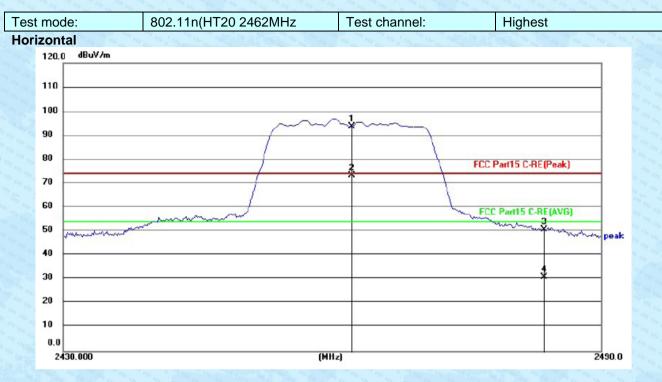
Report No.: GTSL2023100128

Vertical



No	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2390.000	31.23	26.32	57.55	74.00	-16.45	peak
2	2390.000	8.51	26.32	34.83	54.00	-19.17	AVG
3	2412.000	66.53	26.36	92.89	74.00	18.89	peak
4	2412.000	50.92	26.36	77.28	54.00	23.28	AVG





No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2462.000	67.42	26.44	93.86	74.00	19.86	peak
2	2462.000	46.84	26.44	73.28	54.00	19.28	AVG
3	2483.500	24.47	26.47	50.94	74.00	-23.06	peak
4	2483.500	4.55	26.47	31.02	54.00	-22.98	AVG