

Global United Technology Services Co., Ltd.

Report No.: GTS201901000082F01

FCC Report (Bluetooth)

Sorrel Medical Ltd. **Applicant:**

29, Yad Haruzim St., P.O.Box 8639, Netanya 4250529, Israel **Address of Applicant:**

Sorrel Medical Ltd. Manufacturer:

29, Yad Haruzim St., P.O.Box 8639, Netanya 4250529, Israel Address of

Manufacturer:

Equipment Under Test (EUT)

Product Name: Wearable Infusion Pump

Model No.: 15126-000-0002

Trade Mark: SORREL

FCC ID: 2AR6L-SORRELWIP

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

Date of sample receipt: January 12, 2019

Date of Test: January 13-18, 2019

Date of report issued: January 18, 2019

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	January 18, 2019	Original

Prepared By:	Tiger Chan	Date:	January 18, 2019
	Project Engineer	_	
Check By:	Reviewer	Date:	January 18, 2019



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4 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	15.203/15.247 (c)	Pass
AC Power Line Conducted Emission	15.207	N/A
Conducted 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

Remarks:

- 1. Pass: The EUT complies with the essential requirements in the standard.
- 2. N/A: Not applicable.
- 3. Test according to ANSI C63.10:2013

Measurement Uncertainty

Frequency Range	Measurement Uncertainty	Notes
9kHz ~ 30MHz	± 4.54dB	(1)
30MHz ~ 1000MHz	± 5.34dB	(1)
1GHz ~ 26.5GHz	± 5.34dB	(1)
0.15MHz ~ 30MHz	± 3.44dB	(1)
	9kHz ~ 30MHz 30MHz ~ 1000MHz 1GHz ~ 26.5GHz	9kHz ~ 30MHz

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



5 General Information

5.1 General Description of EUT

Product Name:	Wearable Infusion Pump
Model No.:	15126-000-0002
Test sample(s) ID:	GTS201901000082-1
Sample(s) Status	Engineer sample
Serial No.:	W5001-1123
Hardware version:	V04
Software version:	1.2.0
Operation Frequency:	2402MHz~2480MHz
Channel Numbers:	40
Channel Separation:	2MHz
Modulation Type:	GFSK
Antenna Type:	PCB Antenna
Antenna Gain:	1.5dBi
Power Supply:	DC 3V



Operation F	Operation Frequency each of channel						
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2402MHz	11	2422MHz	21	2442MHz	31	2462MHz
2	2404MHz	12	2424MHz	22	2444MHz	32	2464MHz
• !		• !!	•	•	•	•	·
9	2418MHz	19	2438MHz	29	2458MHz	39	2478MHz
10	2420MHz	20	2440MHz	30	2460MHz	40	2480MHz

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:

Channel	Frequency
The lowest channel	2402MHz
The middle channel	2442MHz
The Highest channel	2480MHz



5.2 Test mode

Transmitting mode Keep the EUT in continuously transmitting mode

Remark: New battery is used during all test. So the report just shows that condition's data.

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.

• 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.

NVLAP (LAB CODE:600179-0)

Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP). LAB CODE:600179-0

•CNAS (No. CNAS L5775)

CNAS has accredited Global United Technology Services Co., Ltd., to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

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

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



6 Test Instruments list

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



RF C	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	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:

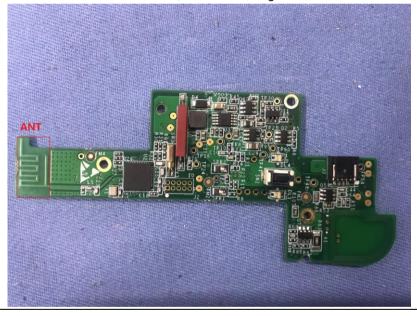
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit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

E.U.T Antenna:

The antenna is PCB antenna, the best case gain of the antenna is 1.5dBi



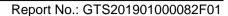


7.2 Conducted Output Power

Test Requirement:	FCC Part15 C Section 15.247 (b)(3)		
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance V05		
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		

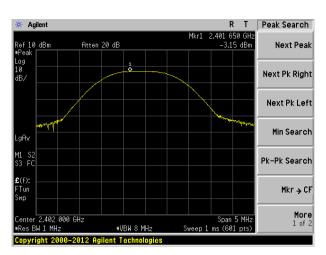
Measurement Data

Test channel	Peak Output Power (dBm)	Limit(dBm)	Result		
Lowest	-3.15				
Middle	-2.92	30.00	Pass		
Highest	-2.80				

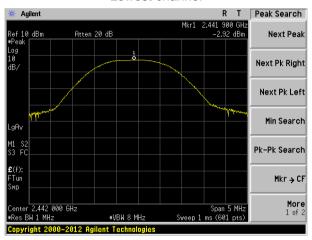




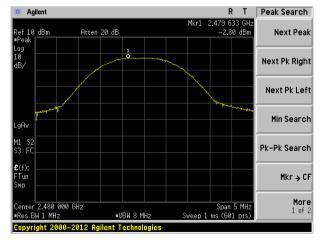
Test plot as follows:



Lowest channel



Middle channel



Highest channel



7.3 Channel Bandwidth

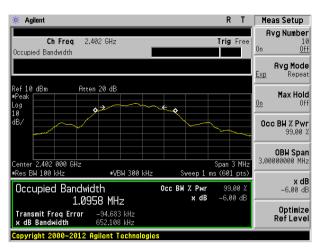
Test Requirement:	FCC Part15 C Section 15.247 (a)(2)	
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance V05	
Limit:	>500KHz	
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane	
Test Instruments:	Refer to section 6.0 for details	
Test mode:	Refer to section 5.2 for details	
Test results:	Pass	

Measurement Data

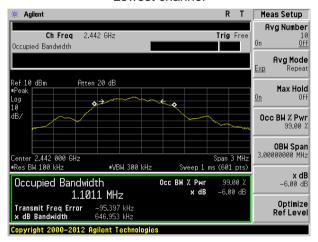
Test channel	Channel Bandwidth (MHz)	Limit(KHz)	Result		
Lowest	0.652				
Middle	0.647	>500	Pass		
Highest	0.656				



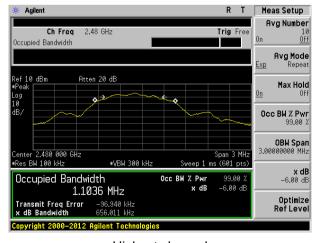
Test plot as follows:



Lowest channel



Middle channel



Highest channel

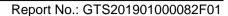


7.4 Power Spectral Density

Test Requirement:	FCC Part15 C Section 15.247 (e)		
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance V05		
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		

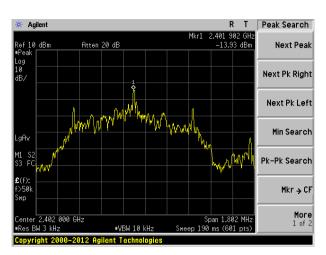
Measurement Data

Test channel	Power Spectral Density (dBm/3kHz)	Limit(dBm/3kHz)	Result		
Lowest	-13.93				
Middle	-13.69	8.00	Pass		
Highest	-13.45				

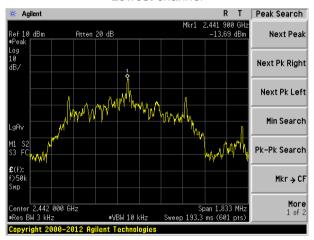




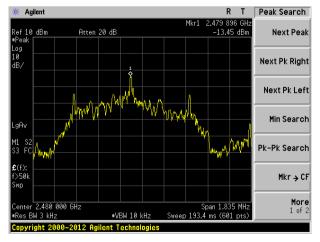
Test plot as follows:



Lowest channel



Middle channel



Highest channel

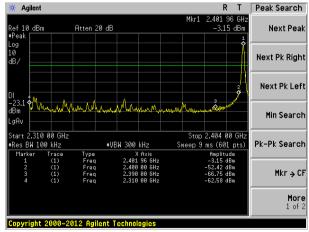


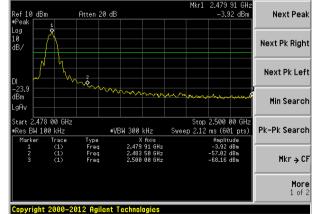
7.5 Band edges

7.5.1 Conducted Emission Method

	T-00-1				
Test Requirement:	FCC Part15 C Section 15.247 (d)				
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance V05				
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:





R T Peak Search

Lowest channel

Highest channel



7.5.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section 15.209 and 15.205						
Test Method:	ANSI C63.10:2013						
Test Frequency Range:			tested, only	the worst b	and's (2310MHz to		
, , ,	2500MHz) data		,		`		
Test site:	Measurement D	istance: 3m					
Receiver setup:	Frequency	Detector	RBW	VBW	Value		
•		Peak	1MHz	3MHz	Peak		
	Above 1GHz	RMS	1MHz	3MHz	Average		
Limit:	Freque		Limit (dBuV		Value		
			54.0		Average		
	Above 1	GHz	74.0		Peak		
Test setup:	Tum Table+ < 1m 4m >+ < 1m 4m >+ < 150cm >+ < 1						
Test Procedure:	 The EUT was placed on the top of a rotating table 1.5 meters at the ground at a 3 meter camber. The table was rotated 360 deg determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height ant tower. The antenna height is varied from one meter to four meters abo ground to determine the maximum value of the field strength. Be horizontal and vertical polarizations of the antenna are set to maximum easurement. For each suspected emission, the EUT was arranged to its wors and then the antenna was tuned to heights from 1 meter to 4 me and the rota table was turned from 0 degrees to 360 degrees to the maximum reading. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. If the emission level of the EUT in peak mode was 10dB lower to limit specified, then testing could be stopped and the peak value the EUT would be reported. Otherwise the emissions that did not 10dB margin would be re-tested one by one using peak, quasi-paverage method as specified and then reported in a data sheet. The radiation measurements are performed in X, Y, Z axis positions. 				ted 360 degrees to ce-receiving e-height antenna meters above the strength. Both are set to make the ed to its worst case neter to 4 meters of degrees to find nction and OdB lower than the e peak values of s that did not have eak, quasi-peak or data sheet.		
	worst case mode is recorded in the report.						
Test Instruments:	Refer to section						
Test mode:	Refer to section	5.2 for details	3				
Test results:	Pass						

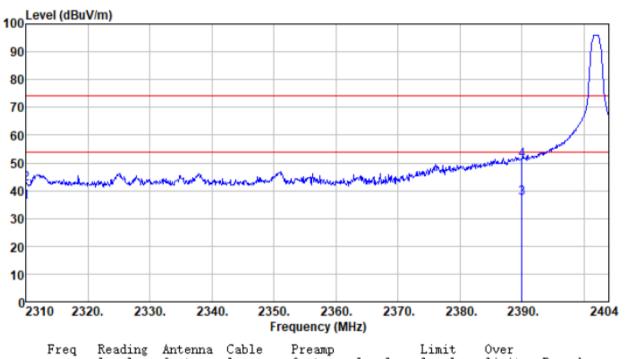


Measurement Data

Report No.: GTS201901000082F01

Test channel: Lowest

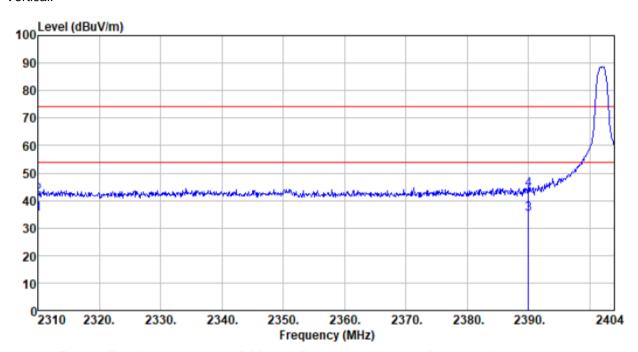
Horizontal:



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
2310.000	39. 49	27. 21	6.19	36.95	35.94	54.00	-18.06	Average
2310.000	46. 05	27. 21	6.19	36.95	42.50	74.00	-31.50	Peak
2390.000	40. 51	27. 41	6.31	37.01	37.22	54.00	-16.78	Average
2390.000	54. 19	27. 41	6.31	37.01	50.90	74.00	-23.10	Peak



Vertical:

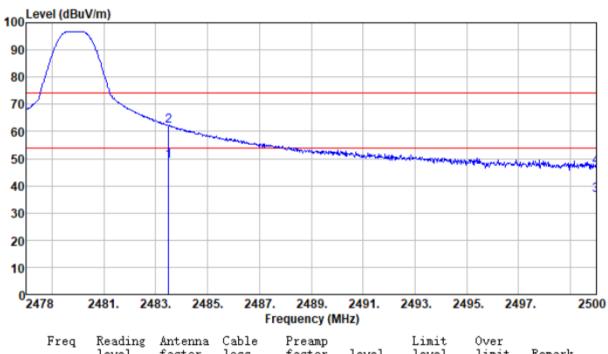


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
2310.000	38. 49	27. 21	6. 19	36.95	34.94	54.00	-19.06	Average
2310.000	45. 39	27. 21	6. 19	36.95	41.84	74.00	-32.16	Peak
2390.000	38. 48	27. 41	6. 31	37.01	35.19	54.00	-18.81	Average
2390.000	47. 04	27. 41	6. 31	37.01	43.75	74.00	-30.25	Peak



Test channel: Highest

Horizontal:

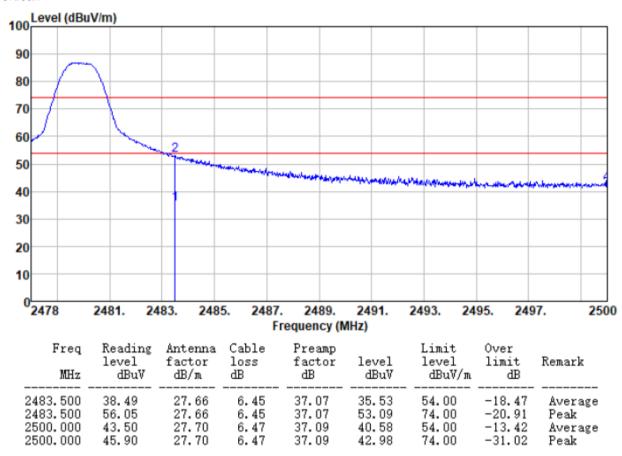


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark	
2483.500 2483.500 2500.000 2500.000	52. 08 65. 09 39. 36 49. 61	27.66 27.66 27.70 27.70	6. 45 6. 45 6. 47 6. 47	37.07 37.07 37.09 37.09	49.12 62.13 36.44 46.69	54.00 74.00 54.00 74.00	-4.88 -11.87 -17.56 -27.31	Average Peak Average Peak	

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Vertical:



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



7.6 Spurious Emission

7.6.1 Conducted Emission Method

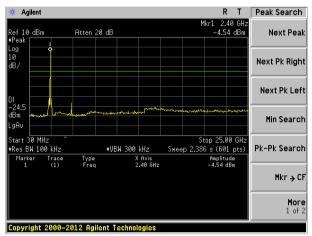
Test Requirement:	FCC Part15 C Section 15.247 (d)				
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance V05				
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the 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:

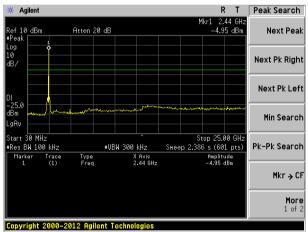
Lowest channel

Report No.: GTS201901000082F01



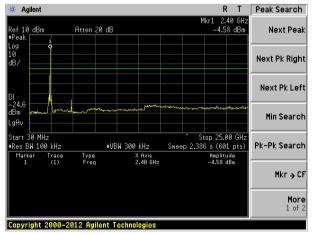
30MHz~25GHz

Middle channel



Highest channel

30MHz~25GHz



30MHz~25GHz



7.6.2 Radiated Emission Method

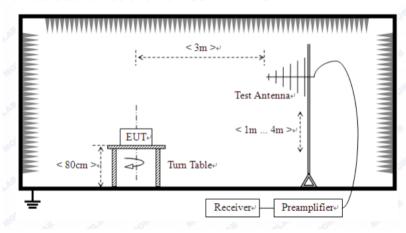
Test Requirement:	FCC Part15 C Section 15.209						
Test Method:	ANSI C63.10:2013						
Test Frequency Range:	9kHz to 25GHz						
Test site:	Measurement Distar	nce: 3	3m				
Receiver setup:	Frequency		Detector RBV		Ν	VBW	Value
	9KHz-150KHz	Pk	(/AV/QP	200H	Ηz	600Hz	z PK/AV/QP
	150KHz-30MHz	Pk	(/AV/QP	9KH	łz	30KH	z PK/AV/QP
	30MHz-1GHz	Qι	ıasi-peak	120K	Hz	300KH	Iz Quasi-peak
	Above 1GHz		Peak	1MF	Ηz	3MHz	z Peak
	Above IGHZ		Peak	1MF	Ηz	10Hz	. Average
Limit:	Frequency		Limit (u\	//m)	٧	'alue	Measurement Distance
	0.009MHz-0.490M	lHz	2400/F(k	(Hz)	PK	/AV/QP	300m
	0.490MHz-1.705M	lHz	24000/F(I	KHz)	QP		30m
	1.705MHz-30MH	lz	30		QP		30m
	30MHz-88MHz		100		QP		
	88MHz-216MHz	<u> </u>	150		QP		
	216MHz-960MH	Z	200		QP		3m
	960MHz-1GHz		500		QP		OIII
	Above 1GHz		500			erage	
			5000		F	Peak	
Test setup:	For radiated emissions from 9kHz to 30MHz Comparison of the content of the con						
	- Receiver Preamphilier						

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

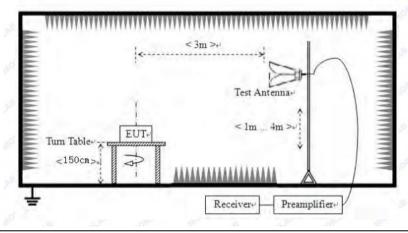
Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960



For radiated emissions from 30MHz to1GHz



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



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	limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test voltage:	DC 3V
Test results:	Pass

Measurement data:

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.

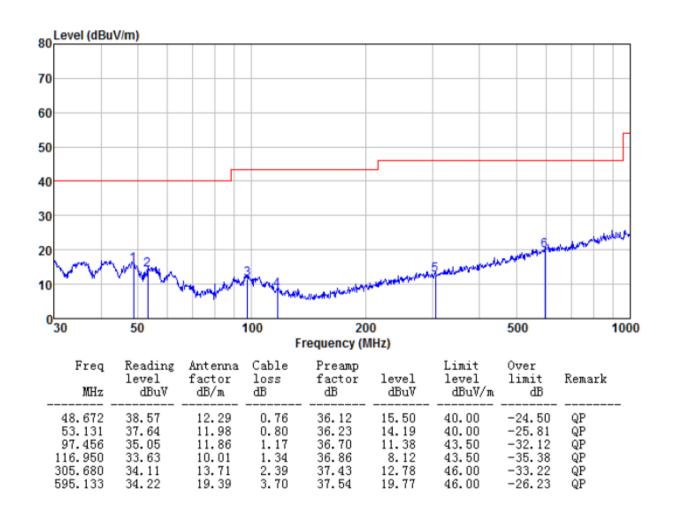
9kHz~30MHz

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. No emission found for above 18GHz



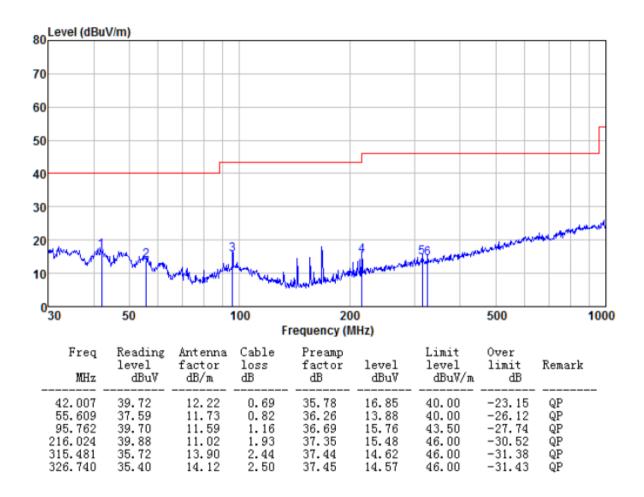
■ Below 1GHz

Mode:	Transmitting mode	Polarization:	Horizontal	





Mode: Transmitting mode Polarziation: Vertical



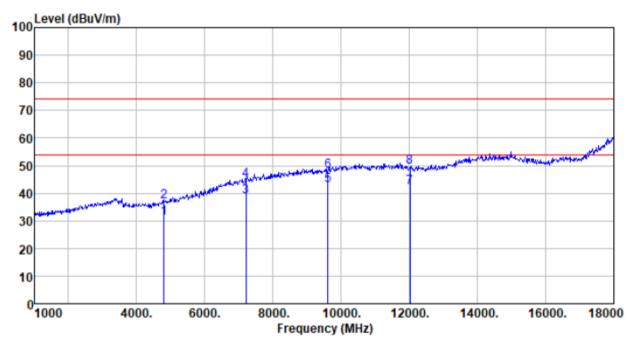


■ Above 1GHz

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est channel:	Lowest
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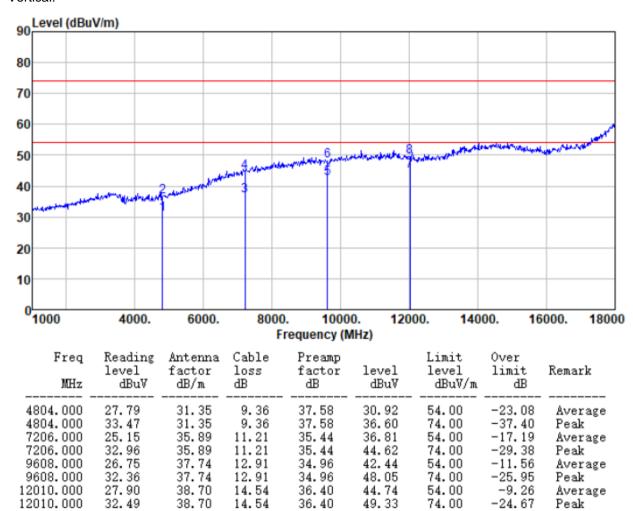
Horizontal:



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
4804.000	27.88	31.35	9.36	37.58	31.01	54.00	-22.99	Average
4804.000	33.72	31.35	9.36	37.58	36.85	74.00	-37.15	Peak
7206.000	27.25	35.89	11.21	35.44	38.91	54.00	-15.09	Average
7206.000	33.16	35.89	11.21	35.44	44.82	74.00	-29.18	Peak
9608.000	26.97	37.74	12.91	34.96	42.66	54.00	-11.34	Average
9608.000	32.39	37.74	12.91	34.96	48.08	74.00	-25.92	Peak
12010.000	25.09	38.70	14.54	36.40	41.93	54.00	-12.07	Average
12010.000	32.51	38.70	14.54	36.40	49.35	74.00	-24.65	Peak



Vertical:



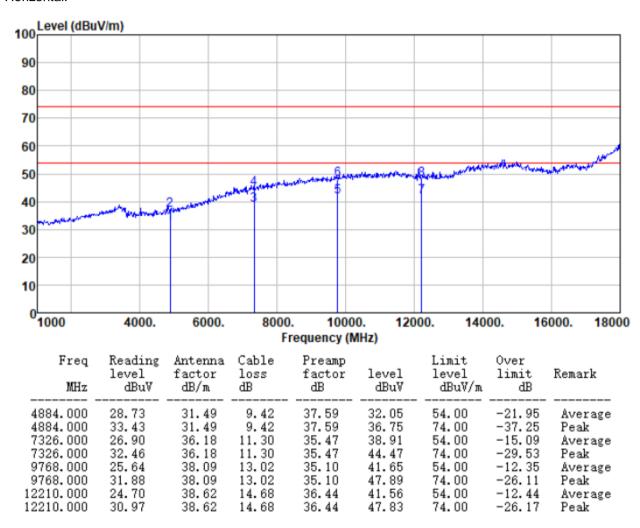
Remarks:

- 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.



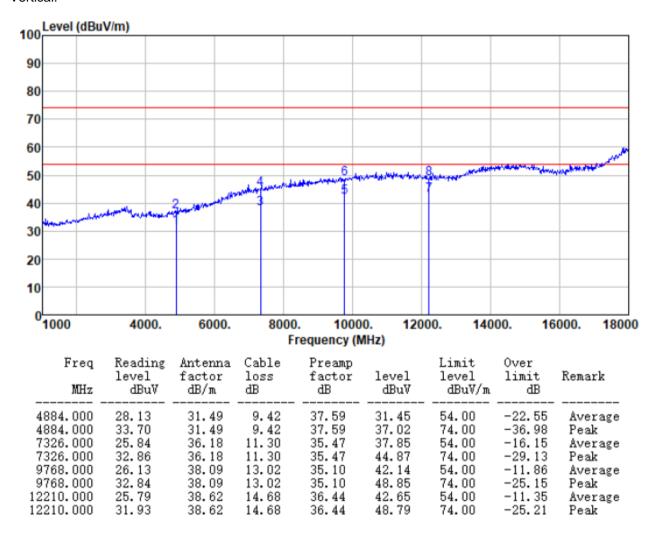
Test channel: Middle

Horizontal:





Vertical:



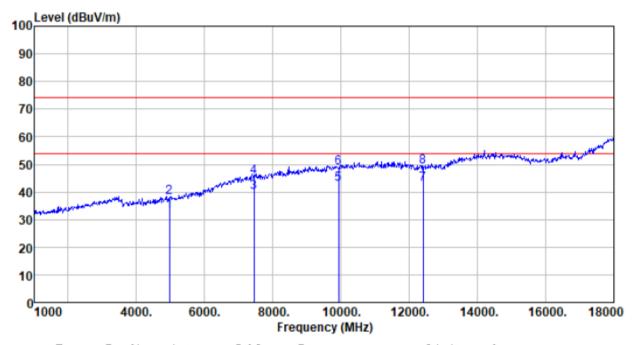
Remarks:

- 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.



Test channel: Highest

Horizontal:

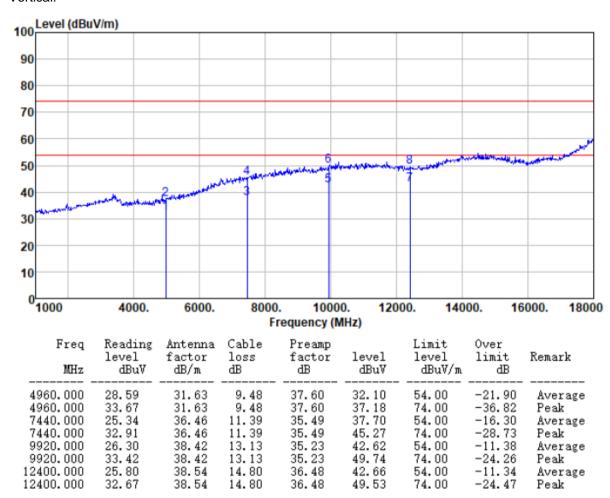


4960.000 34.43 31.63 9.48 37.60 37.94 74.00 -36.06 Peak 7440.000 27.52 36.46 11.39 35.49 39.88 54.00 -14.12 Averag 7440.000 33.09 36.46 11.39 35.49 45.45 74.00 -28.55 Peak 9920.000 26.64 38.42 13.13 35.23 42.96 54.00 -11.04 Averag 9920.000 32.33 38.42 13.13 35.23 48.65 74.00 -25.35 Peak		Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark
12400.000 32.04 38.54 14.80 36.48 48.90 74.00 -25.10 Peak	4960 7440 7440 9920 9920 12400	. 000 . 000 . 000 . 000 . 000	34. 43 27. 52 33. 09 26. 64 32. 33 26. 12	31. 63 36. 46 36. 46 38. 42 38. 42 38. 54	9. 48 11. 39 11. 39 13. 13 13. 13 14. 80	37. 60 35. 49 35. 49 35. 23 35. 23 36. 48	37.94 39.88 45.45 42.96 48.65 42.98	74.00 54.00 74.00 54.00 74.00 54.00	-36.06 -14.12 -28.55 -11.04 -25.35 -11.02	Average Peak Average Peak Average

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



Vertical:



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** for details. -----End-----