

Global United Technology Services Co., Ltd.

Report No.: GTS201906000067F01

FCC REPORT

Applicant: Shenzhen Macross Industrial Co., Ltd.

6rd floor,#7 Building, Jianghao Technology Park #430 Jihua **Address of Applicant:**

Rd.Bantian St.Longgang District, Shenzhen, Guangdong,

China

Shenzhen Macross Industrial Co., Ltd. Manufacturer/Factory:

Address of 6rd floor,#7 Building, Jianghao Technology Park #430 Jihua

Rd.Bantian St.Longgang District, Shenzhen, Guangdong, **Manufacturer/Factory:**

China

Equipment Under Test (EUT)

Product Name: Wireless Motion Alert

Model No.: Receiver: HY-001A

Transmitter: HY-001B

Trade Mark: **HOSMART**

FCC ID: 2AJEM-HY001

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.231

Date of sample receipt: June 06, 2019

Date of Test: June 10, 2019-July 01, 2019

Date of report issued: July 01, 2019

Test Result: PASS *

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

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.



2 Version

Version No.	Date	Description
01	July 01, 2019	Original

Prepared By:	Bill. Just	Date:	July 01, 2019
	Project Engineer		

Check By: Date: July 01, 2019



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4 Test Summary

- 1000 Canning					
Test Item	Section in CFR 47	Result			
Antenna Requirement	15.203	Pass			
Conduction Emission	15.207	Pass			
Field strength of the Fundamental Signal	15.231 (b)	Pass			
Spurious Emissions	15.231 (b)/15.209	Pass			
20dB Bandwidth	15.231 (c)	Pass			
Dwell Time	15.231 (a)(2)	Pass			

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

4.1 Measurement Uncertainty

· · · · · · · · · · · · · · · · · · ·						
Test Item	Frequency Range	Measurement Uncertainty	Notes			
Radiated Emission	9kHz ~ 30MHz	± 4.64dB	(1)			
Radiated Emission	30MHz ~ 1000MHz	± 4.64dB	(1)			
Radiated Emission	1GHz ~ 26.5GHz	± 3.68dB	(1)			
AC Power Line Conducted Emission	0.15MHz ~ 30MHz	± 3.44dB	(1)			
Note (1): The measurement u	Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.					



5 General Information

5.1 General Description of EUT

Product Name:	Wireless Motion Alert		
Model No.:	Receiver:HY-001A		
	Transmitter:HY-001B		
Serial No.:	014682		
Hardware Version:	HY-001 Ver. A		
Software Version:	HY-001 Ver.01		
Test sample(s) ID:	GTS201906000067-1		
Sample(s) Status:	Engineer sample		
Operation Frequency:	433.98MHz		
Channel Number	1 channel		
Modulation technology:	FSK		
Antenna Type:	Integral antenna		
Antenna gain:	0dBi(declare by applicant)		
Power supply:	AC/DC Adapter :		
	Model: JHD-AP006U-050100BB-2		
	Input: AC 100-240V, 50/60Hz, 0.2A		
	Output: DC 5V, 1000mA		
	Or		
	RX: DC 6V(4*1.5V, SIZE"AA")		
	TX: Battery DV 3.7V, 8.14Wh, 2200mAh		

Note: The report is only for Transmitter: HY-001B



5.2 Test mode

Keep the EUT in transmitting mode.

Per-test mode.

We have verified the construction and function in typical operation, The EUT was placed on three different polar directions; i.e. X axis, Y axis, Z axis. which only the worst case was shown in this test report and defined as follows:

	Axis	X	Υ	Z
433.98MHz	Field Strength(dBuV/m)	83.73	84.90	82.31

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

5.5 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

No. 301-309, 3/F., Jinyuan Business Building, No.2, Laodong Industrial Zone,

Xixiang Road, Baoan District, Shenzhen, Guangdong, China

Tel: 0755-27798480 Fax: 0755-27798960

5.6 Other Information Requested by the Customer

None.



6 Test Instruments list

Radi	Radiated Emission:					
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	July. 03 2015	July. 02 2020
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	June. 26 2019	June. 25 2020
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June. 26 2019	June. 25 2020
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	June. 26 2019	June. 25 2020
6	Horn Antenna	ETS-LINDGREN	3160	GTS217	June. 26 2019	June. 25 2020
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A
8	Coaxial Cable	GTS	N/A	GTS213	June. 26 2019	June. 25 2020
9	Coaxial Cable	GTS	N/A	GTS211	June. 26 2019	June. 25 2020
10	Coaxial cable	GTS	N/A	GTS210	June. 26 2019	June. 25 2020
11	Coaxial Cable	GTS	N/A	GTS212	June. 26 2019	June. 25 2020
12	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June. 26 2019	June. 25 2020
13	Amplifier(2GHz-20GHz)	HP	84722A	GTS206	June. 26 2019	June. 25 2020
14	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June. 26 2019	June. 25 2020
15	Band filter	Amindeon	82346	GTS219	June. 26 2019	June. 25 2020
16	Power Meter	Anritsu	ML2495A	GTS540	June. 26 2019	June. 25 2020
17	Power Sensor	Anritsu	MA2411B	GTS541	June. 26 2019	June. 25 2020
18	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	June. 26 2019	June. 25 2020
19	Splitter	Agilent	11636B	GTS237	June. 26 2019	June. 25 2020
20	Loop Antenna	ZHINAN	ZN30900A	GTS534	June. 26 2019	June. 25 2020
21	Breitband hornantenne	SCHWARZBECK	BBHA 9170	GTS579	Oct. 20 2018	Oct. 19 2019
22	Amplifier	TDK	PA-02-02	GTS574	Oct. 20 2018	Oct. 19 2019
23	Amplifier	TDK	PA-02-03	GTS576	Oct. 20 2018	Oct. 19 2019
24	PSA Series Spectrum Analyzer	Rohde & Schwarz	FSP	GTS578	June. 26 2019	June. 25 2020



Cond	Conducted Emission						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)	
1	Shielding Room	ZhongYu Electron	7.3(L)x3.1(W)x2.9(H)	GTS252	May.15 2019	May.14 2022	
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June. 26 2019	June. 25 2020	
3	Coaxial Switch	ANRITSU CORP	MP59B	GTS225	June. 26 2019	June. 25 2020	
4	Artificial Mains Network	SCHWARZBECK MESS	NSLK8127	GTS226	June. 26 2019	June. 25 2020	
5	Coaxial Cable	GTS	N/A	GTS227	June. 26 2019	June. 25 2020	
6	EMI Test Software	AUDIX	E3	N/A	N/A	N/A	
7	Thermo meter	KTJ	TA328	GTS233	June. 26 2019	June. 25 2020	
8	Absorbing clamp	Elektronik- Feinmechanik	MDS21	GTS229	June. 26 2019	June. 25 2020	
9	ISN	SCHWARZBECK	NTFM 8158	GTD565	June. 26 2019	June. 25 2020	

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. 26 2019	June. 25 2020
2	Barometer	ChangChun	DYM3	GTS255	June. 26 2019	June. 25 2020



7 Test results and Measurement Data

7.1 Antenna Requirement

Standard requirement: FCC Part15 C Section 15.203

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.

EUT Antenna:

The antenna is Integral antenna, the best case gain of the antenna is 0dBi, reference to the appendix II for details



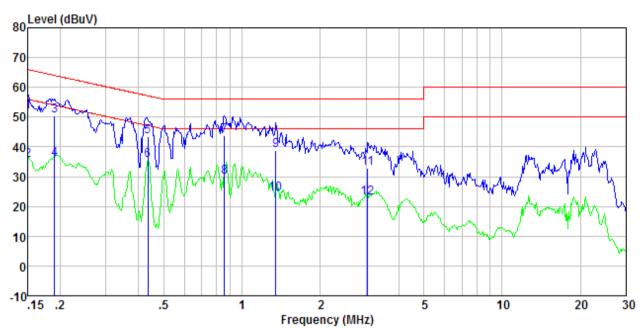
7.2 Conducted Emissions

Test Requirement:	FCC Part15 C Section 15.20	7				
Test Method:	ANSI C63.10:2013					
Test Frequency Range:	150KHz to 30MHz					
Class / Severity:	Class B					
Receiver setup:	RBW=9KHz, VBW=30KHz, S	Sweep time=auto				
Limit:		Limit	(dBuV)			
	Frequency range (MHz) Quasi-peak Average					
	0.15-0.5	66 to 56*	56 to 46*			
	0.5-5	56	46			
	5-30	60	50			
	* Decreases with the logarith	m of the frequency.				
Test setup:	Reference Plan	e				
	AUX Equipment E.U.T Remark E.U.T. Equipment Under Test LISN Filter AC power Remark E.U.T. Equipment Under Test LISN Filter Receiver					
Test procedure:	 The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 500hm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 500hm/50uH coupling impedance with 500hm termination. (Please refer to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement. 					
Test Instruments:	Refer to section 6.0 for detail	S				
Test mode:	Refer to section 5.2 for detail	S				
Test environment:	Temp.: 25 °C Humid.: 52% Press.: 1012mbar					
Test voltage:	AC 120V, 60Hz					
Test results:	Pass					



Measurement data

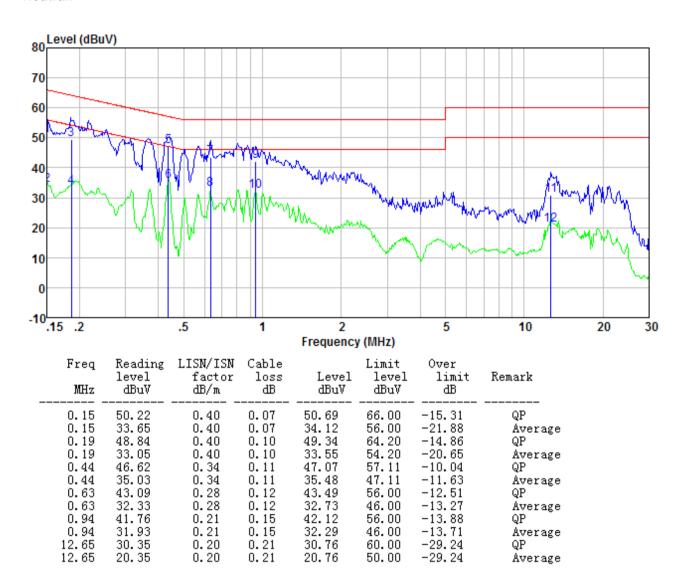
Line:



Freq MHz	Reading level dBuV	LISN/ISN factor dB/m	Cable loss dB	Level dBuV	Limit level dBuV	Over limit dB	Remark
0.15	51.16	0.40	0.07	51.63	66.00	-14.37	QP
0.15	35.12	0.40	0.07	35.59	56.00	-20.41	Average
0.19	49.91	0.40	0.10	50.41	64.02	-13.61	QP
0.19	35.36	0.40	0.10	35.86	54.02	-18.16	Average
0.44	43.14	0.34	0.11	43.59	57.15	-13.56	QP
0.44	35.05	0.34	0.11	35.50	47.15	-11.65	Average
0.86	43.59	0.23	0.14	43.96	56.00	-12.04	QP
0.86	29.49	0.23	0.14	29.86	46.00	-16.14	Average
1.35	38.32	0.20	0.16	38.68	56.00	-17.32	QP
1.35	23.99	0.20	0.16	24.35	46.00	-21.65	Average
3.04	32.35	0.20	0.19	32.74	56.00	-23.26	QP
3.04	22.61	0.20	0.19	23.00	46.00	-23.00	Äverage



Neutral:



Notes:

- 1. An initial pre-scan was performed on the line and neutral lines with peak detector.
- 2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
- 3. Final Level =Receiver Read level + LISN Factor + Cable Loss
- 4. If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.



7.3 Radiated Emission Method

1.3	S Radiated Emission Method								
	Test Requirement:	FCC Part15 C Section	on 15.23	31 (b)& S	Section 15.2	209			
	Test Method:	ANSI C63.10:2013							
	Test Frequency Range:	9kHz to 5000MHz							
	Test site:	Measurement Distar	nce: 3m						
	Receiver setup:	Frequency	Dete	ector	RBW	VB\	W	Value	
		9KHz-150KHz	Quas	i-peak	200Hz	600	Hz	Quasi-peak	
		150KHz-30MHz	150KHz-30MHz Quasi-p		9KHz	30K	Hz	Quasi-peak	
		30MHz-1GHz	Quas	i-peak	120KHz	300K	Ήz	Quasi-peak	
		Above 1GHz	Pe	ak	1MHz	3MF	Ηz	Peak	
		Above 1GHz	Pe	ak	1MHz	10H	łz	Average	
	Limit:	Frequency		Limit	(dBuV/m @	3m)		Remark	
	(Field strength of the	433.98MHz 100.83 Peak Value 80.83 Average Value 100.83				Peak Value			
	fundamental signal)								
	Limit:		Hency		ld Strength		FIE	eld Strength of Unwanted	
	(Spurious Emissions)	(MHz)		fundamental (microvolts/meter)			Emissions		
		40.00.40.70	,			(microvolts/meter)			
		40.66-40.70 70-130			1,000 500		100 50		
		130-174		50	0 to 1,500*	*	,	50 to 1,50**	
		174-260			1,500			1,50	
		260-470 Above 470		1,500 to 5,000** 5,000			1	,50 to 5,00** 5,00	
		Above 470		3,000				5,00	
		Frequency			Class B	(dBuV	/m @	23m)	
		(MHz)		Peak			Average		
		Above 1000 Or The maximum pe		l unwante	74 ed emission	level i	s 20	dB below the	
		maximum permitted f strength.							
	Test setup:	Below 30MHz							
	< 3m > √								
Turn Table EUT < 1m > 4 Test Antenna Receiver Preamplifier									
		Below 1GHz							



Report No.: GTS201906000067F01 Test Antenna FUT Turn Table Receiver Preamplifier« Above 1GHz Test Antenna-< 1m ... 4m EUT+ Turn Table -150cm Receiver+ Preamplifier-Test Procedure: 1. The EUT was placed on the top of a rotating table (0.8 meters for below 1GHz and 1.5 meters for above 1GHz) 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 3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. 4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the 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: AC 120V, 60Hz Test results: **Pass**



Measurement data:

7.3.1 Field Strength of The Fundamental Signal

Peak value:

Frequency Re	Read	Antenna	Cable	Preamp	Lovel	Limit Line	Over	
	Level	Factor	Loss	Factor	Level (dBuV/m)	(dBuV/m)	Limit	polarization
(MHz)	(dBuV)	(dB/m)	(dB)	(dB)	(ubuv/III)	(ubuv/III)	(dB)	
433.98	88.65	17.53	3.02	29.43	79.77	100.83	-21.06	Horizontal
433.98	93.78	17.53	3.02	29.43	84.90	100.83	-15.93	Vertical

Average value:

Frequency (MHz)	Peak Value (dBuV/m)	Duty cycle factor	Average value (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
433.98	79.77	-7.68	72.09	80.83	-8.74	Horizontal
433.98	84.90	-7.68	77.22	80.83	-3.61	Vertical

Remarks:

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. Average value=Peak value + Duty cycle factor



7.3.2 Spurious Emissions

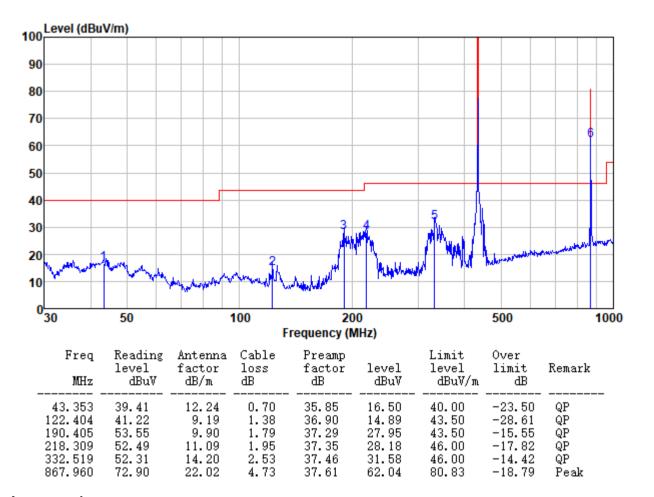
Measurement data:

9 kHz ~ 30 MHz

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

Below 1GHz:

Mode:	Transmitting mode	Test by:	Bill
Temp./Hum.(%H):	26℃/56%RH	Polarziation:	Horizontal

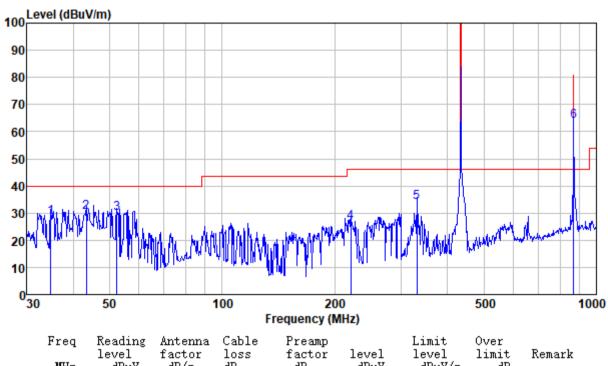


Average value:

Frequency (MHz)	Peak Level (dBuV/m)	Duty cycle factor	Average value (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
867.960	62.04	-7.68	54.36	60.83	-6.47	Horizontal



Mode:Transmitting modeTest by:BillTemp./Hum.(%H):26 ℃/56%RHPolarziation:Vertical



Fred MH2	level	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV	Limit level dBuV/m	Over limit dB	Remark	_
34. 882 43. 353 52. 391 220. 617 331. 355 867. 960	3 53.20 1 53.18 7 50.64 5 54.50	11.30 12.24 12.05 11.16 14.20 22.02	0.61 0.70 0.79 1.96 2.53 4.73	35.35 35.85 36.22 37.35 37.45 37.61	28.48 30.29 29.80 26.41 33.78 64.00	40.00 40.00 40.00 46.00 46.00 80.83	-11.52 -9.71 -10.20 -19.59 -12.22 -16.83	QP QP QP QP QP Peak	

Average value:

Frequency (MHz)	Peak Level (dBuV/m)	Duty cycle factor	Average value (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
867.960	64.00	-7.68	56.32	60.83	-4.51	Vertical



Above 1G:

Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
1735.92	62.19	25.05	4.82	34.00	58.06	74.00	-15.94	Vertical
2169.90	57.05	27.74	5.15	34.27	55.67	74.00	-18.33	Vertical
2603.88	55.83	27.82	5.58	33.78	55.45	74.00	-18.55	Vertical
1735.92	60.90	25.05	4.82	34.00	56.77	74.00	-17.23	Horizontal
2169.90	56.71	27.74	5.15	34.27	55.33	74.00	-18.67	Horizontal
2603.88	55.23	27.82	5.58	33.78	54.85	74.00	-19.15	Horizontal

Average value:

Frequency (MHz)	Level (dBuV/m)	Duty cycle factor	Average value (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
1735.92	58.06	-7.68	50.38	54.00	-3.62	Vertical
2169.90	55.67	-7.68	47.99	54.00	-6.01	Vertical
2603.88	55.45	-7.68	47.77	54.00	-6.23	Vertical
1735.92	56.77	-7.68	49.09	54.00	-4.91	Horizontal
2169.90	55.33	-7.68	47.65	54.00	-6.35	Horizontal
2603.88	54.85	-7.68	47.17	54.00	-6.83	Horizontal

Remarks:

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. Average value=Peak value + Duty cycle factor

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



7.4 20dB Occupy Bandwidth

Toot Dogwirement	FOC Double C Continue 45 004 (a)					
Test Requirement:	FCC Part15 C Section 15.231 (c)					
Test Method:	ANSI C63.10:2013					
Limit:	The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.					
Test setup:	Spectrum Analyzer Non-Conducted Table					
Test Instruments:	Refer to section 6.0 for details					
Test mode:	Refer to section 5.2 for details					
Test results:	Pass					

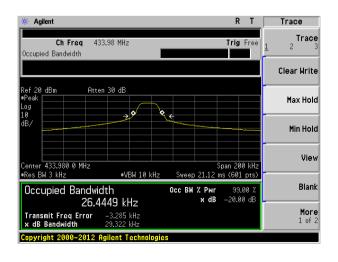
Measurement Data

Test Frequency (MHz)	20dB bandwidth (MHz)	Limit (MHz)	Result
433.98	0.02932	1.085	Pass

Note: Limit= Fundamental frequency×0.25%

433.98×0.25%=1.085MHz

Test plot as follows:





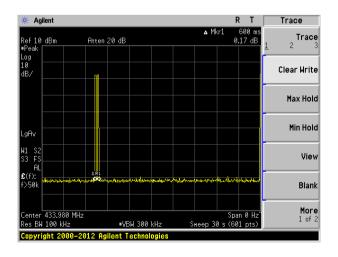
7.5 Dwell Time

Test Requirement:	FCC Part15 C Section 15.231 (a)(2)	
Test Method:	ANSI C63.10:2013	
Receiver setup:	RBW=100KHz, VBW=300KHz, span=0Hz, detector: Peak	
Limit:	Not more than 5 seconds	
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:	Fest results: Pass	

Measurement data:

Frequency (MHz)	Duration of each TX (second)	Limit (second)	Result
433.98	0.6	<5.0	Pass

Test plot as follows:





7.6 Duty Cycle

	T		
Test Requirement:	FCC Part15 C Section 15.231		
Test Method:	ANSI C63.10:2013		
Receiver setup:	RBW=100KHz, VBW=300KHz, span=0Hz, detector: Peak		
Limit:	No dedicated limit specified in the Rules.		
Test Procedure:	1. Place the EUT on the table and set it in transmitting mode. 2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer. 3. Set centre frequency of spectrum analyzer=operating frequency. 4. Set the spectrum analyzer as RBW=100KHz, VBW=100KHz, Span=0Hz, Adjust Sweep=100ms to obtain the "worst-case" pulse on time 5. Repeat above procedures until all frequency measured was complete. Spectrum Analyzer E.U.T Non-Conducted Table		
Test setup:			
Test Instruments:	Refer to section 6.0 for details		
Test mode:	Refer to section 5.2 for details		
Test results:	Pass		

Measurement data:

Calculate Formula: Duty cycle factor =20 log(Duty cycle)

Duty cycle=on time/0.1 seconds or period, whichever is less

Test data:

T on time = 1.2X11+0.375X14=18.45(ms)

T period =44.67(ms)

Duty cycle=18.45/44.67=41.30%

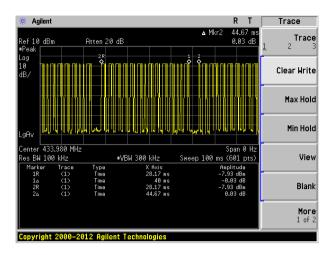
Duty cycle factor =20 log(0.413)=-7.68

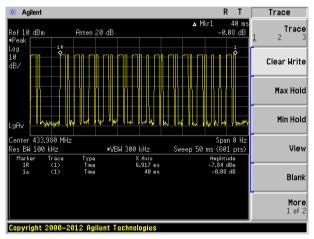
Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960

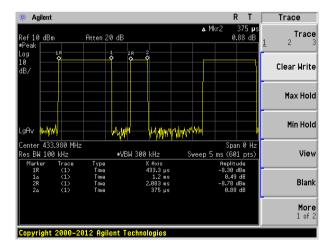


Test plot as follows:

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8 Test Setup Photo

Reference to the appendix I for details.

9 EUT Constructional Details

Reference to the appendix II for details.

----- End -----