

Radio Test Report

Report No.:STS2503036W01

Issued for

Shenzhen Head Intelligent Control Technology Co., Ltd

2nd Fl., Bd. G, No.1 Rd., Xiawei IZ, Zhangxi Community, Guanhu St., Longhua Dist., Shenzhen, Guangdong, China

Product Name: Microwave motion sensor

Brand Name: HEAD

Model Name: HFS-DC06H

Series Model(s): N/A

FCC ID: 2BN5P-F5800

Test Standards: FCC Part15.249

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.



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TEST REPORT

Applicant's Name: Shenzhen Head Intelligent Control Technology Co., Ltd

St., Longhua Dist., Shenzhen, Guangdong, China

Manufacturer's Name: Shenzhen Head Intelligent Control Technology Co., Ltd

St., Longhua Dist., Shenzhen, Guangdong, China

Product Description

Product Name: Microwave motion sensor

Brand Name: HEAD

Model Name.....: HFS-DC06H

Series Model(s): N/A

Standards..... FCC Part 15.249

Test Procedure: ANSI C63.10-2020

This device described above has been tested by STS, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

Date of Test:

Date of receipt of test item....: 07 Mar. 2025

Date of performance of tests .: 07 Mar. 2025~14 Mar. 2025

Date of Issue: 14 Mar. 2025

Test Result : Pass

Testing Engineer:

(Aaron Bu)

Technical Manager:

(Tony Liu)

Authorized Signatory:

(Aaron Bu)

(Tony Liu)

Testing Approval

Testing Ap

(Bovey Yang)



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Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	14 Mar. 2025	STS2503036W01	ALL	Initial Issue
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1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part 15.249 , Subpart C				
Standard Section	Judgment	Remark		
15.207	Conducted Emission	N/A	-	
15.203	203 Antenna Requirement			
15.249	Radiated Spurious Emission	Pass		
15.249 Radiated Band Edge Emission		Pass		
15.249 Field Strength of fundamental		Pass		
15.215(c)	20dB Bandwidth	Pass		

NOTE:

- (1) 'N/A' denotes test is not applicable in this Test Report.
- (2) All tests are according to ANSI C63.10-2020.



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1.1 TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD

Add.: 101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ,

Fuhai Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration Number: 625569 IC test Firm Registration Number: 12108A

A2LA Certificate No.: 4338.01

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	RF output power, conducted	±0.755dB
2	Unwanted Emissions, conducted	±2.874dB
3	All emissions, radiated 9K-30MHz	±3.80dB
4	All emissions, radiated 30M-1GHz	±4.18dB
5	All emissions, radiated 1G-6GHz	±4.90dB
6	All emissions, radiated>6G	±5.24dB
7	Conducted Emission (9KHz-150KHz)	±2.19dB
8	Conducted Emission (150KHz-30MHz)	±2.53dB
9	Occupied Channel Bandwidth	±3.5%
10	Power Spectral Density, conducted	±1.245dB
11	Duty Cycle	±3.2%

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2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name	Microwave motion sensor		
Brand Name	HEAD		
Model Name	HFS-DC06H N/A		
Series Model(s)			
Model Difference	N/A		
Product Description	The EUT is a Microwave motion sensor Operation Frequency: 5785GHz Modulation Type: GFSK Antenna Designation: PCB Antenna Gain(Peak): 0dBi Based on the application, features, or specification exhibited in User Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User Manual.		
Power Rating	Input:DC 5V		
Adapter	N/A		
Battery	N/A		
Hardware version number	HFS-DC06H 20250202		
Software version number			
Connecting I/O Port(s)	Please refer to the Note 1.		

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.

2.

Channel List		
EUT Channel Test Frequency (MHz)		
CH01	5785	

3.

Test channel List			
Test Channel EUT Channel Test Frequency (MHz)			
CH01 5785			

Note: The antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.



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2.2 DESCRIPTION OF THE TEST MODES

For conducted test items and radiated spurious emissions Each of these EUT operation mode(s) or test configuration mode(s) mentioned below was evaluated respectively.

Pretest Mode Description		Data/Modulation
Mode 1	Mode 1 TX/CH01	

Note:

(1) All above mode have been measurement, only worst data was reported.

2.3 TEST SOFTWARE AND POWER LEVEL

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

RF Function	Туре	Mode Or Modulation type	ANT Gain(dBi)	Power Class	Software For Testing
Other SRD	5.8GHz	GFSK	0	Default	The EUT has signal transmission when it is powered on

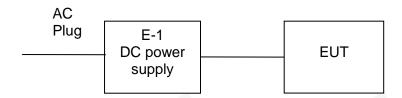


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2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters.

Radiated Spurious Emission Test





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2.5 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Note
E-1	DC power supply HONGSHENGFENG		DPS-305AF	N/A

Item	Shielded Type	Ferrite Core	Length	Note
N/A	N/A	N/A	N/A	N/A
		9		

Note:

(1) For detachable type I/O cable should be specified the length in cm in Length column.



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2.6 EQUIPMENTS LIST FOR ALL TEST ITEMS

	RF Rad	iation Test Equipmer	nt		
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	SW-108	SuWei	N/A	2025.02.24	2026.02.23
Pre-Amplifier(0.1M-3GHz)	EM	EM330	060665	2025.02.22	2026.02.21
Pre-Amplifier(1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2024.09.23	2025.09.22
Pre-Amplifier(18G-40GHz)	SKET	LNPA_1840-50	SK2018101801	2025.02.22	2026.02.21
Active loop Antenna	ZHINAN	ZN30900C	16035	2025.02.25	2026.02.24
Bilog Antenna	TESEQ	CBL6111D	34678	2024.09.30	2025.09.29
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	2023.09.24	2025.09.23
Horn Antenna	A-INFOMW	LB-180400-KF	J211020657	2023.10.10	2025.10.09
Positioning Controller	MF	MF-7802	MF-780208587	N/A	N/A
Signal Analyzer	R&S	FSV 40-N	101823	2024.09.23	2025.09.22
Switch Control Box	N/A	N/A	N/A	N/A	N/A
Filter Box	BALUN Technology	SU319E	BL-SZ1530051	N/A	N/A
Antenna Mast	MF	MFA-440H	N/A	N/A	N/A
Turn Table	MF	SC100_1	60531	N/A	N/A
AC Power Source	APC	KDF-11010G	F214050035	N/A	N/A
DC power supply	HONGSHENGFENG	DPS-305AF	17064939	2024.09.23	2025.09.22
Test SW	EZ-EMC		Ver.STSLAB-03/	A1 RE	
	Condu	ction Test equipment	•		
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Test Receiver	R&S	ESCI	101427	2024.09.24	2025.09.23
Limtter	CYBERTEK	EM5010	N/A	2024.09.24	2025.09.23
LISN	R&S	ENV216	101242	2024.09.24	2025.09.23
LISN	EMCO	3810/2NM	23625	2024.09.24	2025.09.23
Temperature & Humidity	SW-108	SuWei	N/A	2025.02.24	2026.02.23
Test SW	EZ-EMC		Ver.STSLAB-03/	A1 CE	
RF Connected Test					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Signal Analyzer	Agilent	N9020A	MY51510623	2025.02.22	2026.02.21
Temperature & Humidity	SW-108	SuWei	N/A	2025.02.24	2026.02.23

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3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION LIMITS

The radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table.

FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

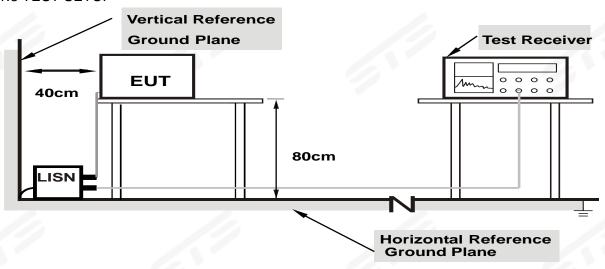
Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

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3.1.2 TEST PROCEDURE

- a. The EUT is 0.8 m from the horizontal ground plane and 0.4 m from the vertical ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments are powered from additional LISN(s). The LISN provides 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN is at least 80 cm from the nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

3.1.3 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes support.

3.1.4 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

3.1.5 TEST RESULT

Note: product is DC power operated and conducted emission test is not applicable.

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3.2 RADIATED EMISSION MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS

In any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on Part 15.249 and the Part 15.209(a) limit in the table below has to be followed.

Standard FCC 15.209

Frequencies	Field Strength	Measurement Distance
(MHz)	(micorvolts/meter)	(meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3
Above 1000	Other:74.0 dB(µV)/m (Peak)	3
	54.0 dB(μV)/m (Average)	

Standard FCC 15.249

Frequency of Emission (MHz)	Field Strength of fundamental (millivolts /meter)	Field Strength of Harmonics (microvolts/meter)
900~928	50	500
2400~2483.5	50	500
5725~5875	50	500
24000~242500	250	2500

Notes:

- (1) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.
- (2) Emission level (dBuV/m) =20log Emission level (uV/m).

LIMITS OF RESTRICTED FREQUENCY BANDS

FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (GHz)
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7



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6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	Above 38.6
13.36-13.41			

Spectrum Parameter	Setting
Detector	Peak/AV
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB (emission in restricted band)	>20BW
VB (emission in restricted band)	=3xRB

Receiver Parameter	Setting	
Attenuation	Auto	
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for PK & AV	
	90kHz~110kHz / RB 200Hz for QP	
	110kHz~490kHz / RB 200Hz for PK & AV	
	490kHz~30MHz / RB 9kHz for QP	
	30MHz~1000MHz / RB 120kHz for QP	



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3.2.2 TEST PROCEDURE

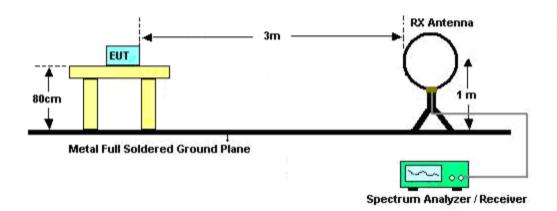
- a. The measuring distance of 3m shall be used for measurements. The EUT was placed on the top of arotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation(Below 1GHz)
- b. The measuring distance of 3m shall used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation(Above 1GHz)
- c. The height of the test antenna shall vary between 1m to 4m.Both horizontal and vertical polarization Of the antenna are set to make the measurement.
- d. The initial step in collecting radiated emission data is a receive peak detector mode.
 Pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. All readings are peak unless otherwise stated QP in column of Note. Peak denoted that the Peak reading compliance with the QP limits and then QP Mode measurement didn't perform (Below 1GHz)
- f. All readings are Peak mode value unless otherwise stated AVG in column of Note. If the Peak mode measured value compliance with the Peak limits and lower than AVG Limits, the EUT shall be deemed to meet Peak & AVG limits and then only Peak mode was measured, but AVG mode didn't perform.(Above 1GHz)
- 9. For the actual test configuration, please refer to the related Item –EUT Test Photos.
 Note: Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

3.2.3 DEVIATION FROM TEST STANDARD No deviation

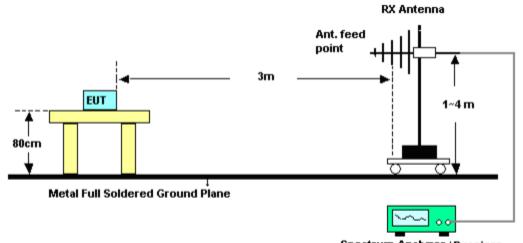
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3.2.4 TEST SETUP

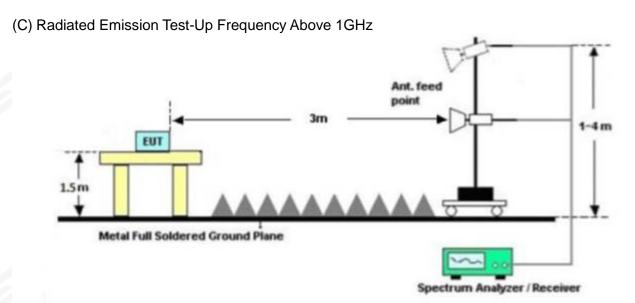
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



Spectrum Analyzer / Receiver





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3.2.5 FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

Margin=PL-PK L or AL- AV L; Margin only shown the worst case.

Where

PR = Peak Reading

AR = Average Reading

PL = Peak Level

AL = Average Level

AF = Antenna Factor

PK L = Peak Limit

AV L = AV Limit

For example

Frequency	PR	AR	AF	PL	AL	PK L	AV L	Margin
(MHz)	(dBµV/m)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV/m)	(dBµV/m)	(dBµV/m)	(dB)
2178	40.23	30.31	9.83	50.06	40.14	74.00	54.00	-13.86



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3.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

Below 30 MHz

Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 5V	Polarization:	
Test Mode:	TX Mode		

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
				PASS
				PASS

Note:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor =40 log (specific distance/test distance)(dB);

Limit line = specific limits(dBuv) + distance extrapolation factor.



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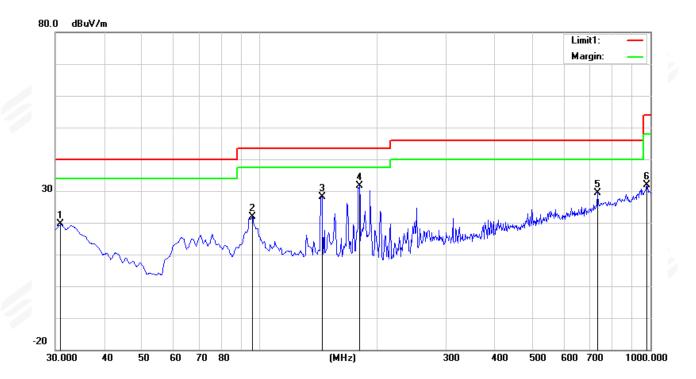
Between 30MHz - 1000 MHz Radiation Spurious

Temperature:	23.4°C	Relative Humidity:	60%
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	Mode 1		

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.9700	33.01	-13.35	19.66	40.00	-20.34	peak
2	95.9600	42.64	-20.67	21.97	43.50	-21.53	peak
3	144.4600	46.51	-18.29	28.22	43.50	-15.28	peak
4	180.3500	51.76	-20.04	31.72	43.50	-11.78	peak
5	733.2500	31.71	-2.35	29.36	46.00	-16.64	peak
6	981.5700	29.22	2.57	31.79	54.00	-22.21	peak

Remark:

- Margin = Result (Result = Reading + Factor) Limit
 Factor = Antenna factor + Cable attenuation factor (cable loss) Amplifier gain





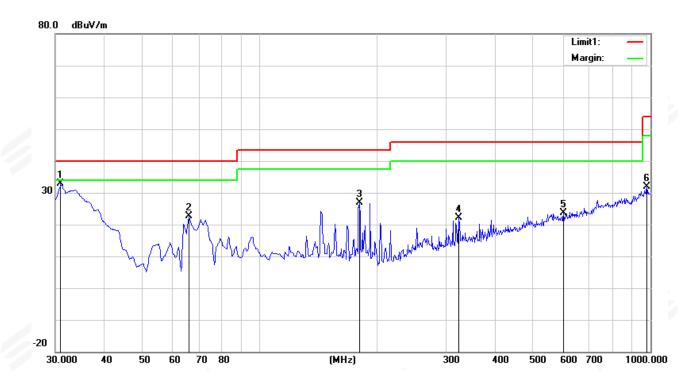
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Temperature:	23.4℃	Relative Humidity:	60%
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	Mode 1		

No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.9700	46.12	-13.35	32.77	40.00	-7.23	peak
2	65.8900	48.23	-25.60	22.63	40.00	-17.37	peak
3	180.3500	46.85	-20.04	26.81	43.50	-16.69	peak
4	323.9100	36.11	-13.88	22.23	46.00	-23.77	peak
5	601.3300	29.31	-5.80	23.51	46.00	-22.49	peak
6	980.6000	29.34	2.63	31.97	54.00	-22.03	peak

Remark:

- Margin = Result (Result = Reading + Factor) Limit
 Factor = Antenna factor + Cable attenuation factor (cable loss) Amplifier gain





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Above 1G Radiation Spurious

8677.27	49.09	44.70	6.70	28.20	-9.80	39.29	74.00	-34.71	PK	Vertical
8677.27	38.11	44.70	6.70	28.20	-9.80	28.31	54.00	-25.69	AV	Vertical
8677.26	48.86	44.70	6.70	28.20	-9.80	39.06	74.00	-34.94	PK	Horizontal
8677.26	38.28	44.70	6.70	28.20	-9.80	28.48	54.00	-25.52	AV	Horizontal
11569.56	50.70	43.50	11.40	35.50	3.40	54.10	74.00	-19.90	PK	Vertical
11569.56	33.14	43.50	11.40	35.50	3.40	36.54	54.00	-17.46	AV	Vertical
11569.61	50.75	43.50	11.40	35.50	3.40	54.15	74.00	-19.85	PK	Horizontal
11569.61	33.49	43.50	11.40	35.50	3.40	36.89	54.00	-17.11	AV	Horizontal
17354.74	45.21	43.80	13.28	39.50	8.98	54.19	74.00	-19.81	PK	Vertical
17354.74	37.27	43.80	13.28	39.50	8.98	46.25	54.00	-7.75	AV	Vertical
17354.60	45.79	43.80	13.28	39.50	8.98	54.77	74.00	-19.23	PK	Horizontal
17354.60	38.05	43.80	13.28	39.50	8.98	47.03	54.00	-6.97	AV	Horizontal

Remark:

- 1. Factor = Antenna Factor + Cable Loss Pre-amplifier.
- 2. The frequency emission of peak points that did not show above the forms are at least 20dB below the limit, the frequency emission is mainly from the environment noise.



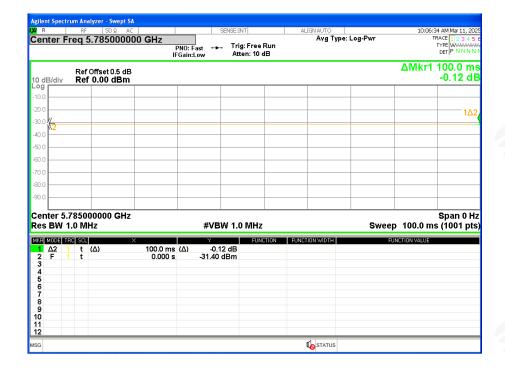
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Duty cycle

Ton (µs)	Tp (µs)	Duty Factor
100	100	0.00

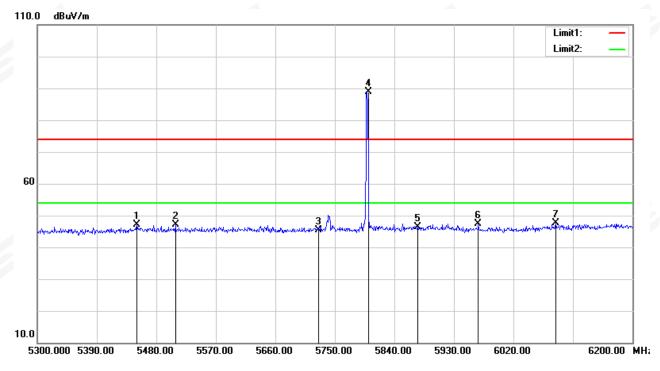
Note: Duty Factor=20*LOG10(1/(Ton/Tp))



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(Radiation Band edge)

Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5450.300	52.33	-5.13	47.20	74.00	-26.80	peak
2	5508.800	52.09	-5.00	47.09	74.00	-26.91	peak
3	5725.000	49.97	-4.57	45.40	74.00	-28.60	peak
5	5875.000	50.26	-3.99	46.27	74.00	-27.73	peak
6	5966.900	51.44	-3.99	47.45	74.00	-26.55	peak
7	6083.900	51.09	-3.46	47.63	74.00	-26.37	peak

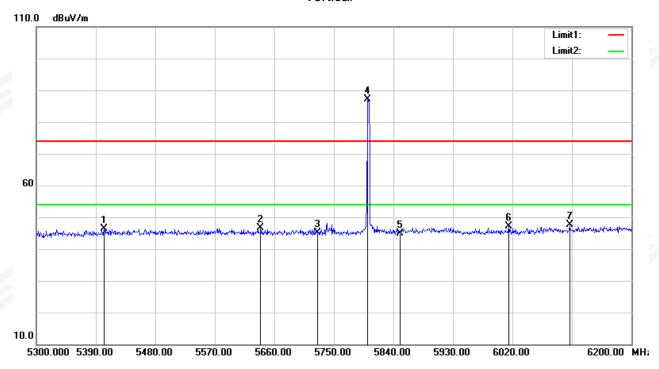
Fundamental Frequency

No.	Frequency	Reading	Correct	Duty cycle	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
4	5785.000	93.30	-4.32	-	88.98	114	-25.02	peak
4	5785.000	93.30	-4.32	0	88.98	94	-5.02	AVG



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Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5402.600	51.72	-5.25	46.47	74.00	-27.53	peak
2	5639.300	51.24	-4.69	46.55	74.00	-27.45	peak
3	5725.000	49.58	-4.57	45.01	74.00	-28.99	peak
5	5850.000	49.10	-4.10	45.00	74.00	-29.00	peak
6	6014.600	51.15	-3.95	47.20	74.00	-26.80	peak
7	6106.400	50.93	-3.34	47.59	74.00	-26.41	peak

Fundamental Frequency

No.	Frequency	Reading	Correct	Duty cycle	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
4	5785.000	91.49	-4.32	-	87.17	114	-26.83	peak
4	5785.000	91.49	-4.32	0	87.17	94	-6.83	AVG



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4. BANDWIDTH TEST

4.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Spectrum Setting : RBW= 1% to 5% OBW, VBW \geqq RBW, Sweep time = Auto.

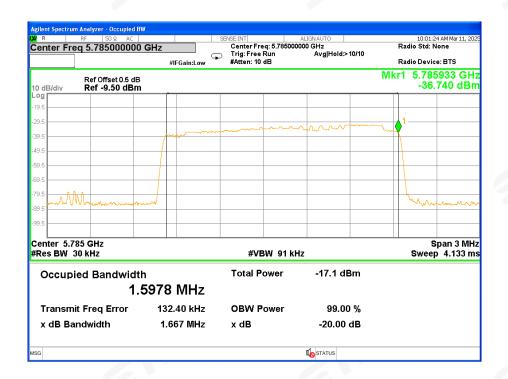
4.2 TEST SETUP

EUT	SPECTRUM
	ANALYZER

4.3 EUT OPERATION CONDITIONS TX mode.

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Test Channel	Frequency(GHz)	20 dB Bandwidth(MHz)
CH01	5.785	1.667





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5. ANTENNA REQUIREMENT

5.1 STANDARD REQUIREMENT

According to the FCC Part 15 Paragraph 15.203, 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.

5.2 EUT ANTENNA

The EUT antenna is PCB Antenna. It conforms to the standard requirements.



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APPENDIX- PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

*****END OF THE REPORT***