Shenzhen Global Test Service Co.,Ltd.
No.7-101 and 8A-104, Building 7 and 8, DCC Cultural and Creative Garden, No.98, Pingxin North Road, Shangmugu Community, Pinghu Street, Longgang District, Shenzhen, Guangdong

FCC PART 15 SUBPART C TEST REPORT

FCC PART 15.249

Report Reference No.....:	**GTS20190531004-1-9**
FCC ID..... :	**2AUL8HT-PW361-S**
Compiled by (position+printed name+signature)..:	File administrators Peter Xiao
Supervised by (position+printed name+signature)..:	Test Engineer Moon Tan
Approved by (position+printed name+signature)..:	Manager Simon Hu
Date of issue.....:	Sep.10, 2019
Representative Laboratory Name .:	**Shenzhen Global Test Service Co.,Ltd.**
Address .....:	No.7-101 and 8A-104, Building 7 and 8, DCC Cultural and Creative Garden, No.98, Pingxin North Road, Shangmugu Community, Pinghu Street, Longgang District, Shenzhen, Guangdong, China
Applicant's name.....:	**Shenzhen Aerospace Innotech Corporation Limited**
Address .....:	D9,The 10th Kejinan Road,High-Tech Zone,Nanshan Dist,Shenzhen,P.R.China
Test specification .....:	
Standard .....:	**FCC Part 15.249**
TRF Originator.....:	Shenzhen Global Test Service Co.,Ltd.
Master TRF.....:	Dated 2014-12

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Test item description .....:	**RFID Tag**
Trade Mark .....:	N/A
Manufacturer .....:	Shenzhen Aerospace Innotech Corporation Limited
Model/Type reference.....:	HT-PW361-S
Listed Models .....:	SAAT-T531, SAAT-T531E, SAAT-T531M, SAAT-T531M-3D
Modulation Type .....:	GFSK
Operation Frequency.....:	From 2446-2454MHz
Rating .....:	Input: DC 5V/1A or Powered by DC 3.7V,1.85Wh Rechargeable Li-ion battery
Result.....:	**PASS**

TEST REPORT

Test Report No. :	GTS20190531004-1-9	Sep.10, 2019 Date of issue

Equipment under Test	:	RFID Tag
Model /Type	:	HT-PW361-S
Listed Models	:	SAAT-T531, SAAT-T531E, SAAT-T531M, SAAT-T531M-3D
Applicant	:	**Shenzhen Aerospace Innotech Corporation Limited**
Address	:	D9,The 10th Kejinan Road,High-Tech Zone,Nanshan Dist, Shenzhen,P.R.China.
Manufacturer	:	**Shenzhen Aerospace Innotech Corporation Limited**
Address	:	D9,The 10th Kejinan Road,High-Tech Zone,Nanshan Dist, Shenzhen,P.R.China.

Test Result:	**PASS**

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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1. TEST STANDARDS

The tests were performed according to following standards:

FCC Rules Part 15.249: Operation within the bands 902 - 928 MHz, 2400 - 2483.5 MHz, 5725 - 5875 MHz, and 24.0 - 24.25 GHz.

ANSI C63.10:2013 : American National Standard for Testing Unlicensed Wireless Devices

ANSI C63.4: 2014: –American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40GHz
Range of 9 kHz to 40GHz

2. SUMAprY

2.1. General ReAprks

Date of receipt of test sample	:	Aug.27, 2019
Testing commenced on	:	Aug.27, 2019
Testing concluded on	:	Sep.10, 2019

2.2. Product Description

Product Name:	RFID Tag
Model/Type reference:	HT-PW361-S
List Model:	SAAT-T531, SAAT-T531E, SAAT-T531M, SAAT-T531M-3D
Model Declaration	PCB board, structure and internal of these model(s) are the same, So no additional models were tested.
Power supply:	Input: DC 5V/1A or Powered by DC 3.7V,1.85Wh Rechargeable Li-ion battery
RFID	
Frequency Range	2446-2454MHz
Channel Number	1 channels
Modulation Type	GFSK
Antenna Type	Internal Antenna
Antenna Gain	1.47dBi

2.3. Equipment Under Test

Power supply system utilised

Power supply voltage	:	○	230V / 50 Hz	○	120V / 60Hz
		○	12 V DC	○	24 V DC
		●	Other (specified in blank below)		

DC 3.7V

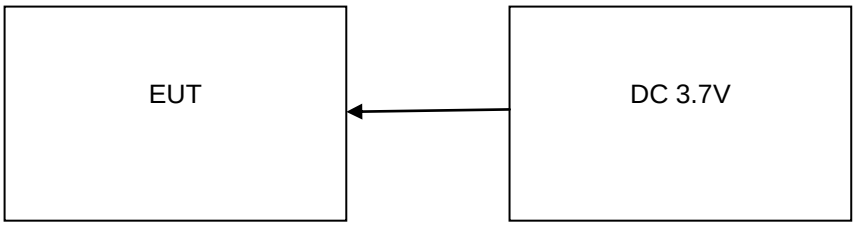
2.4. Short description of the Equipment under Test (EUT)

This is a RFID Tag.

2.5. EUT operation mode

Channel	Frequency
1	2450MHz

2.6. Block Diagram of Test Setup



2.7. Special Accessories

Manufacturer	Description	Model	Serial Number	Certificate
SONY	Adapter	LM-QC050060Z	N/A	SDOC

2.8. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for **FCC ID: 2AUL8HT-PW361-S** filing to comply with Section 15.249 of the FCC Part 15, Subpart C Rules.

2.9. Modifications

No modifications were implemented to meet testing criteria.

3. TEST ENVIRONMENT

3.1. Address of the test laboratory

Shenzhen Global Test Service Co.,Ltd.
No.7-101 and 8A-104, Building 7 and 8, DCC Cultural and Creative Garden, No.98, Pingxin North Road, Shangmugu Community, Pinghu Street, Longgang District, Shenzhen, Guangdong

3.2. Test Facility

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

CNAS (No. CNAS L8169)
Shenzhen Global Test Service Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC 17025: 2017 General Requirements) for the Competence of Testing and Calibration Laboratories.

A2LA (Certificate No. 4758.01)
Shenzhen Global Test Service Co., Ltd. has been assessed by the American Association for Laboratory Accreditation (A2LA). Certificate No. 4758.01.

3.3. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15-35 ° C
Humidity:	30-60 %
Atmospheric pressure:	950-1050mbar

3.4. Test Description

Test Items	Test Requirement	Result
Conducted Emissions	15.207	PASS
Radiated Emissions	15.205(a)/15.209/15.249(d)	PASS
Bandwidth	15.249	PASS
Emissions from out of band	15.249	PASS
Antenna Requirement	15.203	PASS

ReAprk:
1. The measurement uncertainty is not included in the test result.
2. NA = Not Applicable; NP = Not Performed

Preliminary tests were performed in different data rate to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

3.5. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 „Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements“ and is documented in the Shenzhen Global Test Service Co.,Ltd quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Shenzhen GTS laboratory is reported:

Test	Range	Measurement Uncertainty	Notes
Radiated Emission	30~1000MHz	4.10 dB	(1)
Radiated Emission	1~18GHz	4.32 dB	(1)
Radiated Emission	18-40GHz	5.54 dB	(1)
Conducted Disturbance	0.15~30MHz	3.12 dB	(1)

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3.6. Equipments Used during the Test

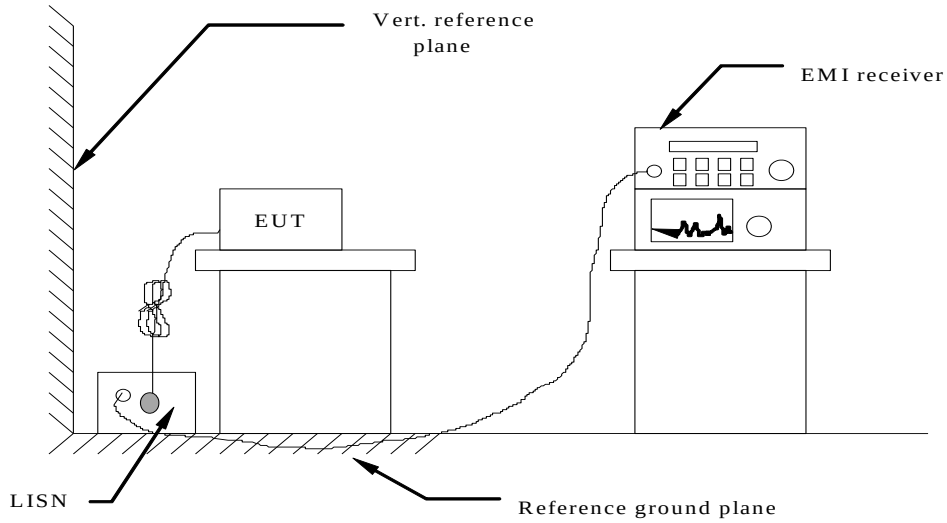
Test Equipment	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Due Date
LISN	R&S	ENV216	3560.6550.08	2018/09/28	2019/09/27
LISN	R&S	ESH2-Z5	893606/008	2018/09/27	2019/09/26
By-log Antenna	SCHWARZBECK	VULB9163	000976	2018/09/29	2019/09/28
EMI Test Receiver	R&S	ESCI	101102	2018/09/26	2019/09/25
Spectrum Analyzer	Agilent	N9020A	MY48010425	2018/09/17	2019/09/16
Spectrum Analyzer	R&S	FSV40-N	101800	2018/09/17	2019/09/16
Controller	EM Electronics	Controller EM 1000	N/A	2018/09/21	2019/09/20
Double Ridged Horn Antenna (1~18GHz)	SCHWARZBECK	BBHA 9120D	01622	2018/09/19	2019/09/18
Double Ridged Horn Antenna	Rohde&Schwarz	HF907	100265	2018/09/19	2019/09/18
Active Loop Antenna	SCHWARZBECK	FMZB1519	1519-037	2018/09/19	2019/09/18
Horn Antenna (18GHz~40GHz)	ETS	3116	00086467	2018/12/29	2019/12/28
Amplifier (26.5GHz~40GHz)	EMCI	EMC2654045	980028	2018/09/18	2019/09/17
Amplifier (0.1GHz~26.5GHz)	EMCI	EMC012645SE	980355	2018/09/19	2019/09/18
Temperature/Humidity Meter	Gangxing	CTH-608	02	2018/09/20	2019/09/19
High-Pass Filter	K&L	9SH10-2700/X12750-O/O	N/A	2018/09/20	2019/09/19
High-Pass Filter	K&L	41H10-1375/U12750-O/O	N/A	2018/09/20	2019/09/19
Data acquisition card	Agilent	U2531A	TW53323507	2018/09/20	2019/09/19
Power Sensor	Agilent	U2021XA	MY5365004	2018/09/20	2019/09/19
RF Cable	HUBER+SUHNER	RG214	N/A	2018/09/20	2019/09/19
Broadband Antenna	SCHWARZBECK	VULB 9163	00976	2018//9/29	2018//9/28
Conducted Emission	ES-K1	V1.71	N/A	N/A	N/A
Radiated Emission	JS32-RE	V2.5.0.9	N/A	N/A	N/A

Note: The Cal.Interval was one year.

4. TEST CONDITIONS AND RESULTS

4.1. AC Power Conducted Emission

TEST CONFIGURATION



TEST PROCEDURE

1 The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10-2013.
2 Support equipment, if needed, was placed as per ANSI C63.10-2013
3 All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10-2013
4 The EUT received DC 5V power from adapter, the adapter received AC120V/60Hz and AC 240V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
5 All support equipments received AC power from a second LISN, if any.
6 The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT.The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
7 Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.
8 During the above scans, the emissions were maximized by cable manipulation.

AC Power Conducted Emission Limit

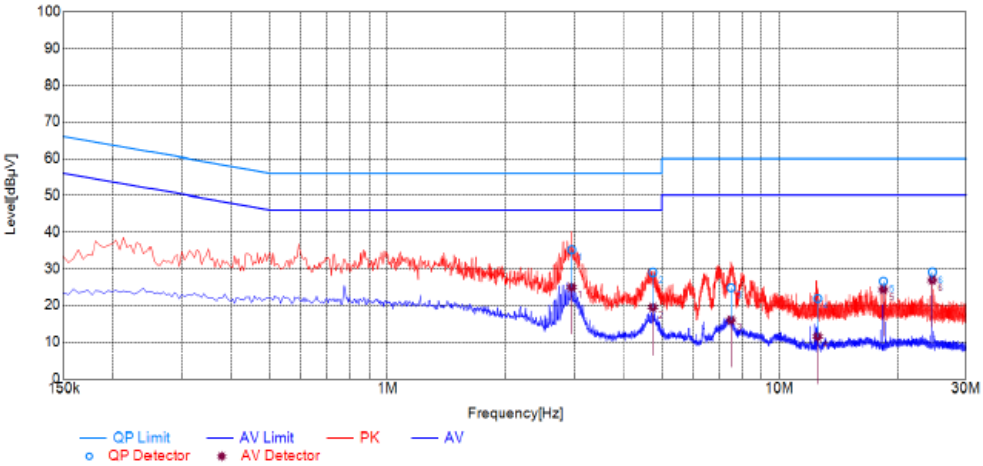
For intentional device, according to § 15.207(a) AC Power Conducted Emission Limits is as following：

Frequency range (MHz)	Limit (dBuV)	
	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 logarithm of the frequency.		

TEST RESULTS

Power supply:	AC 120V/60Hz	Polarization	L

Test Graph



Final Data List

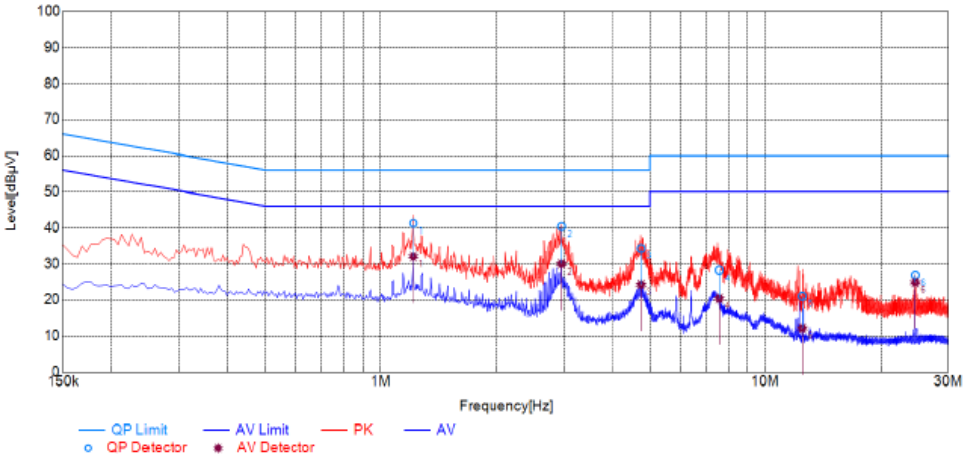
NO.	Frequency [MHz]	QP Reading [dBµV]	AVG. Reading [dBµV]	Factor [dB]	QP Result [dBµV]	AVG. Result [dBµV]	QP Limit [dBµV]	AVG. Limit [dBµV]	QP Margin [dB]	AVG. Margin [dB]	Line	Remark
1	2.9451	24.88	14.71	10.34	35.22	25.05	56.00	46.00	20.78	20.95	L1	PASS
2	4.7464	18.66	9.09	10.35	29.01	19.44	56.00	46.00	26.99	26.56	L1	PASS
3	7.5202	14.33	5.58	10.55	24.88	16.13	60.00	50.00	35.12	33.87	L1	PASS
4	12.5143	11.03	0.66	10.86	21.89	11.52	60.00	50.00	38.11	38.48	L1	PASS
5	18.4335	15.34	13.04	11.35	26.69	24.39	60.00	50.00	33.31	25.61	L1	PASS
6	24.5760	17.48	15.39	11.58	29.06	26.97	60.00	50.00	30.94	23.03	L1	PASS

Note: 1. Result (dBµV) = Reading (dBµV) + Factor (dB).

2. Factor (dB) = Cable loss (dB) + LISN Factor (dB).

Power supply:	AC 120V/60Hz	Polarization	N

Test Graph



Final Data List

NO.	Frequency [MHz]	QP Reading [dBµV]	AVG. Reading [dBµV]	Factor [dB]	QP Result [dBµV]	AVG. Result [dBµV]	QP Limit [dBµV]	AVG. Limit [dBµV]	QP Margin [dB]	AVG. Margin [dB]	Line	Remark
1	1.2135	31.03	21.82	10.21	41.24	32.03	56.00	46.00	14.76	13.97	N	PASS
2	2.9474	30.00	19.65	10.34	40.34	29.99	56.00	46.00	15.66	16.01	N	PASS
3	4.7481	23.93	13.95	10.35	34.28	24.30	56.00	46.00	21.72	21.70	N	PASS
4	7.5872	17.73	9.85	10.55	28.28	20.40	60.00	50.00	31.72	29.60	N	PASS
5	12.4723	10.17	1.32	10.86	21.03	12.18	60.00	50.00	38.97	37.82	N	PASS
6	24.5760	15.43	13.35	11.53	26.96	24.88	60.00	50.00	33.04	25.12	N	PASS

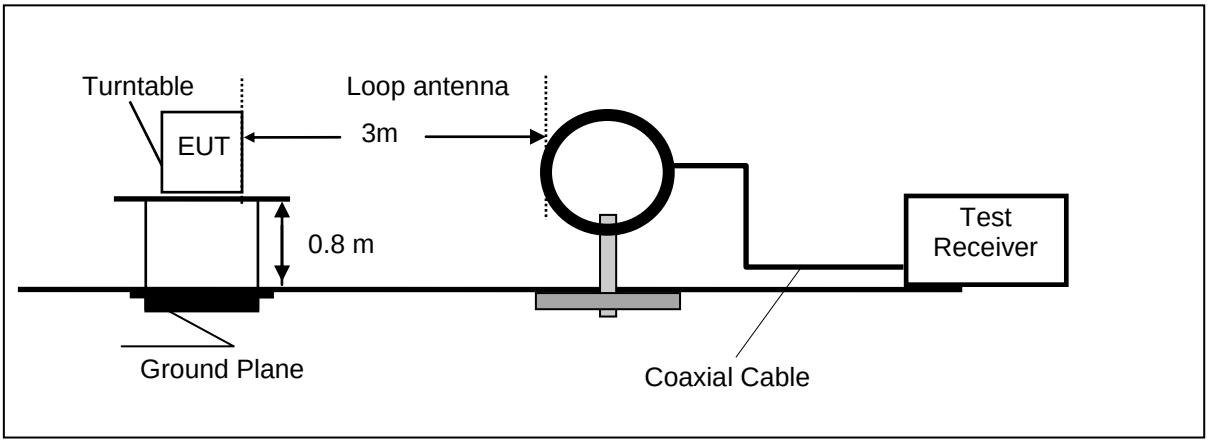
Note: 1. Result (dBµV) = Reading (dBµV) + Factor (dB).

2. Factor (dB) = Cable loss (dB) + LISN Factor (dB).

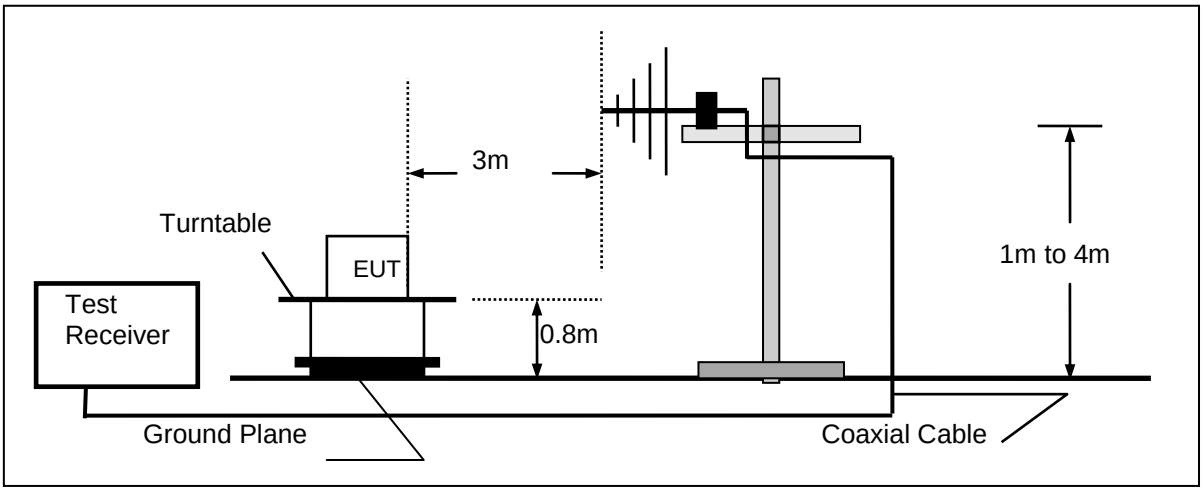
4.2. Radiated Emission

TEST CONFIGURATION

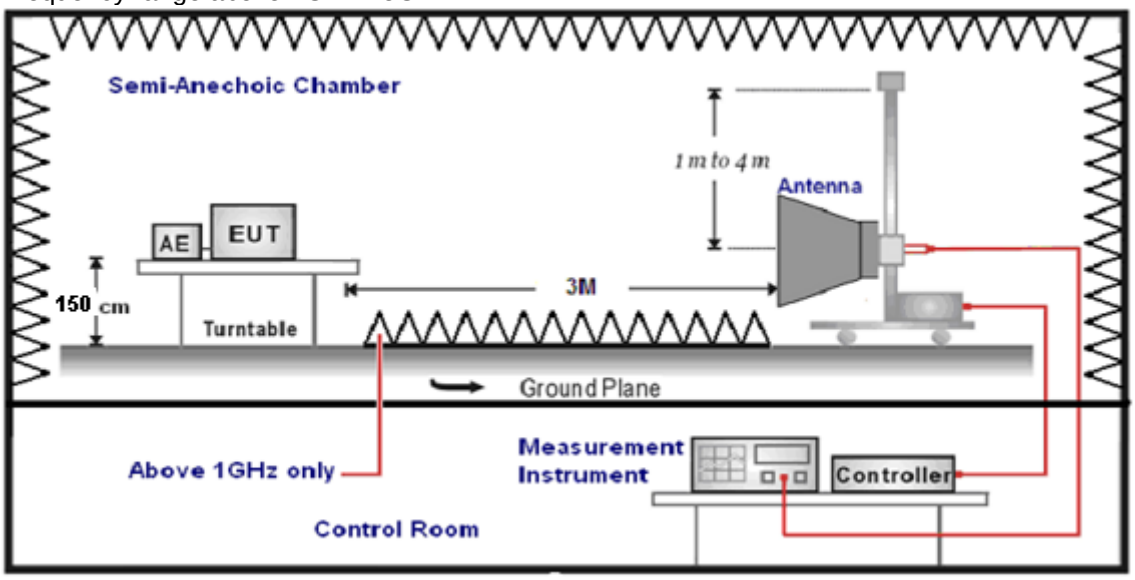
Frequency range 9 KHz – 30MHz



Frequency range 30MHz – 1000MHz



Frequency range above 1GHz-25GHz



TEST PROCEDURE

1. The EUT was placed on a turn table which is 0.8m above ground plane when testing frequency range 9 KHz –1GHz;the EUT was placed on a turn table which is 1.5m above ground plane when testing frequency range 1GHz – 25GHz.
2. Maximum procedure was performed by raising the receiving antenna from 1m to 4m and rotating the turn table from 0° to 360° to acquire the highest emissions from EUT.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measurements have been completed.
5. Radiated emission test frequency band from 9KHz to 25GHz.
6. The distance between test antenna and EUT as following table states:

Test Frequency range	Test Antenna Type	Test Distance
9KHz-30MHz	Active Loop Antenna	3
30MHz-1GHz	Ultra-Broadband Antenna	3
1GHz-18GHz	Double Ridged Horn Antenna	3
18GHz-25GHz	Horn Anternna	1

7. Setting test receiver/spectrum as following table states:

Test Frequency range	Test Receiver/Spectrum Setting	Detector
9KHz-150KHz	RBW=200Hz/VBW=3KHz,Sweep time=Auto	QP
150KHz-30MHz	RBW=9KHz/VBW=100KHz,Sweep time=Auto	QP
30MHz-1GHz	RBW=120KHz/VBW=1000KHz,Sweep time=Auto	QP
1GHz-40GHz	Peak Value: RBW=1MHz/VBW=3MHz, Sweep time=Auto Average Value: RBW=1MHz/VBW=10Hz, Sweep time=Auto	Peak

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:

FS = RA + AF + CL - AG

Where FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
RA = Reading Amplitude	AG = Amplifier Gain
AF = Antenna Factor	

Transd=AF +CL-AG

RADIATION LIMIT

For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emission from intentional radiators at a distance of 3 meters shall not exceed the following table. According to § 15.247(d), in any 100kHz bandwidth outside the frequency band in which the EUT is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the100kHz bandwidth within the band that contains the highest level of desired power.

The pre-test have done for the EUT in three axes and found the worst emission at position shown in test setup photos.

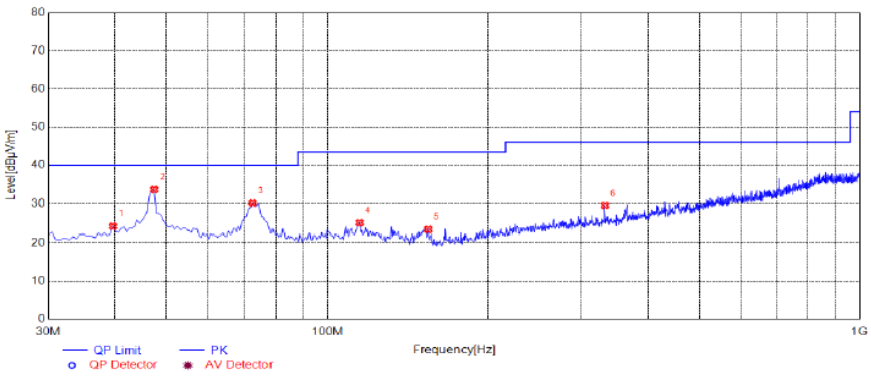
Frequency (MHz)	Distance (Meters)	Radiated (dBμV/m)	Radiated (μV/m)
0.009-0.49	3	20log(2400/F(KHz))+40log(300/3)	2400/F(KHz)
0.49-1.705	3	20log(24000/F(KHz))+ 40log(30/3)	24000/F(KHz)
1.705-30	3	20log(30)+ 40log(30/3)	30
30-88	3	40.0	100
88-216	3	43.5	150
216-960	3	46.0	200
Above 960	3	54.0	500

TEST RESULTS

For 30MHz-1GHz

Horizontal

Test Graph



Suspected List

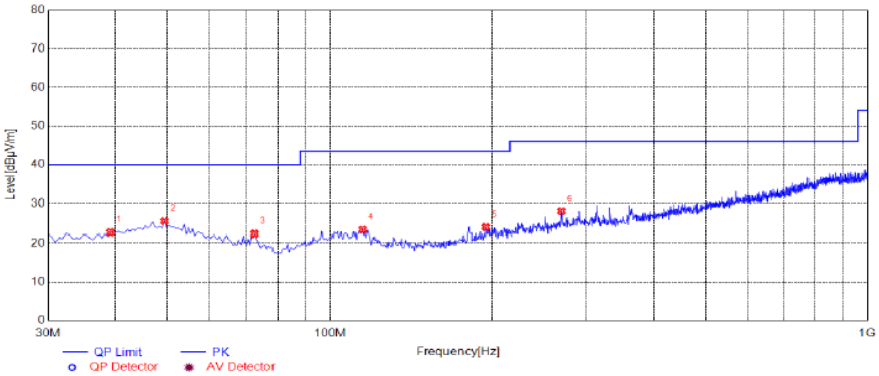
NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Remark
1	39.7000	40.06	-16.02	24.04	40.00	15.96	100	347	PK	Horizonta	PASS
2	47.4600	48.45	-14.81	33.64	40.00	6.36	100	16	PK	Horizonta	PASS
3	72.6800	49.60	-19.46	30.14	40.00	9.86	100	183	PK	Horizonta	PASS
4	114.8750	42.75	-17.77	24.98	43.50	18.52	100	142	PK	Horizonta	PASS
5	154.6450	42.71	-19.44	23.27	43.50	20.23	100	276	PK	Horizonta	PASS
6	332.1550	42.77	-13.31	29.46	46.00	16.54	100	332	PK	Horizonta	PASS

Note: 1. Result (dBµV/m) = Reading(dBµV/m) + Factor (dB) .

2. Factor (dB) = Antenna Factor (dB/m) + Cable loss (dB) - Pre Amplifier gain (dB).

Vertical

Test Graph



Suspected List

NO.	Frequency [MHz]	Reading [dBµV/m]	Factor [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector	Polarity	Remark
1	39.2150	38.75	-16.13	22.62	40.00	17.38	100	306	PK	Vertical	PASS
2	49.4000	40.26	-14.84	25.42	40.00	14.58	100	222	PK	Vertical	PASS
3	72.6800	41.72	-19.46	22.26	40.00	17.74	100	302	PK	Vertical	PASS
4	114.8750	41.06	-17.77	23.29	43.50	20.21	100	334	PK	Vertical	PASS
5	194.9000	40.85	-16.94	23.91	43.50	19.59	100	300	PK	Vertical	PASS
6	269.5900	42.50	-14.51	27.99	46.00	18.01	100	243	PK	Vertical	PASS

Note: 1. Result (dBµV/m) = Reading(dBµV/m) + Factor (dB) .

2. Factor (dB) = Antenna Factor (dB/m) + Cable loss (dB) - Pre Amplifier gain (dB).

Note:

1. Pre-scan all modes and recorded the worst case results in this report.
2. Emission level (dBuV/m) = Meter Reading+ antenna Factor+ cable loss- preamp factor
3. Margin value = Emission level-Limits

For 1GHz to 25GHz

Frequency (MHz)	Reading (dBμ V)	Antenna Factor (dB)	Preamp factor (dB)	cable loss (dB)	Corrected Amplitude (dBμ V/m)	Limit (dBμ V/m)	Aprgin (dB)	ReAprk	Polar (H/V)
channel(2450MHz)									
2450	79.53	38.01	30.61	5.62	92.55	114.00	-21.45	Pk	Vertical
2450	75.53	38.01	30.61	5.62	88.55	94.00	-5.45	AV	Vertical
4900	38.38	32.42	30.25	7.95	48.50	74.00	-25.50	Pk	Vertical
4900	37.54	32.42	30.25	7.95	47.66	54.00	-6.34	AV	Vertical
2450	77.94	38.01	30.61	5.62	90.96	114.00	-23.04	Pk	Horizontal
2450	70.99	38.01	30.61	5.62	84.01	94.00	-9.99	AV	Horizontal
4900	37.72	32.42	30.25	7.95	47.84	74.00	-26.16	Pk	Horizontal
4900	36.53	32.42	30.25	7.95	46.65	54.00	-7.35	AV	Horizontal

NOTE:
Corrected Amplitude=Reading+ Antenna Factor+cable loss-Preamp factor
Aprgin= Absolute Level – Limit
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has not to be reported.

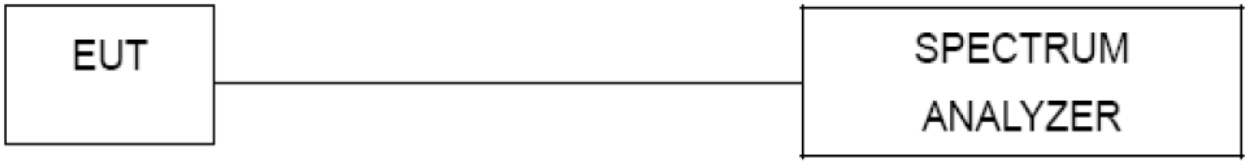
4.3. Bandwidth test

TEST PROCEDURE

a. The EUT was directly connected to the spectru analyzer and antenna output port as show in the block diagram below.

b.Spectrum Setting:RBW=100KHz, VBW ≥ RBW, Sweep=Auto.

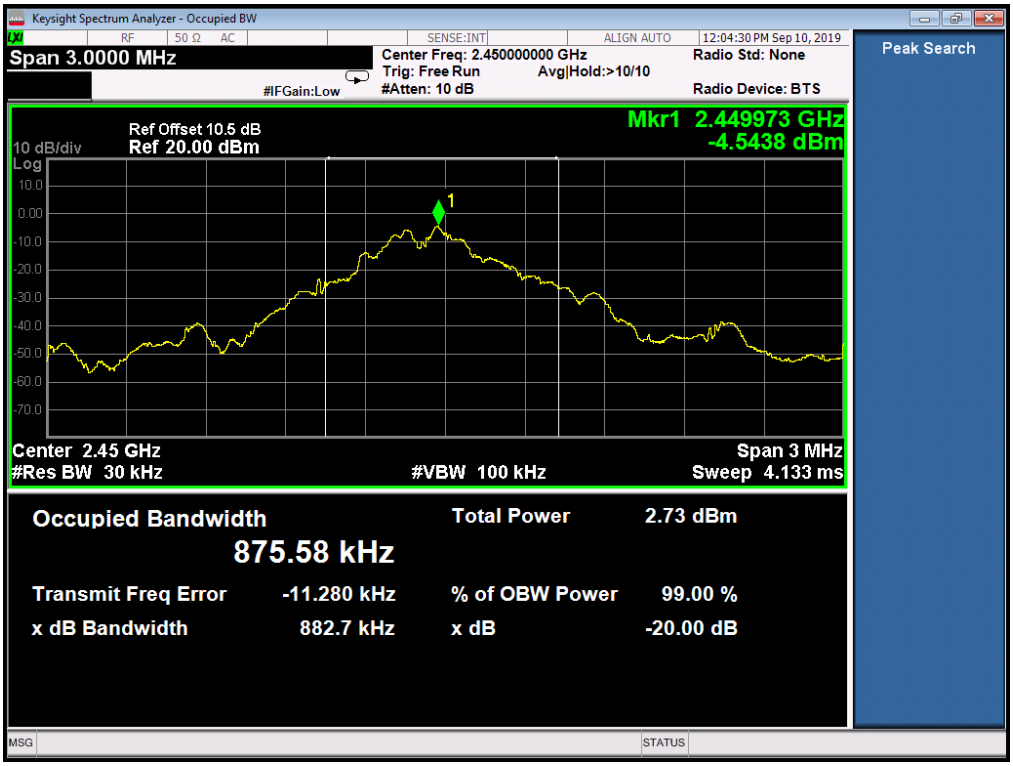
Test setup



Test data:

Channel Frequency (MHz)	20dB Bandwidth (MHz)	Result
2450	0.8827	Pass

Test plot as follows:



4.4. Band Edge Compliance Test

Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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 con-ducted or a radiated measurement.

Test setup

The EUT was placed on a turn table which was 1.5 m above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 m away from the receiving antenna which was mounted on an antenna tower. The measuring antenna moved up and down to find out the maximum emission level. It moved from 1 m to 4 m for both horizontal and vertical polarizations.

Set to span from the lowest frequency generated in the device up to and including the tenth harmonic of the highest fundamental frequency

The bandwidth of the Spectrum's VBW is set at 3MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure. For all test, used peak detector.

Note: If the PK measured levels comply with average limit, then the average level were deemed to comply with average limit.

For radiated test as follows:

EUT：	RFID Tag	Model Name ：	HT-PW361-S
Temperature：	25 ℃	Relative Humidity：	54%
Pressure：	1010hPa	Test Voltage：	DC 3.7V
Test Mode：	GFSK		

Frequency	Meter Reading	Antenna Factor	Preamp factor	cable loss	Emission Level	Limits	Aprgin	Detector Type	Comment
(MHz)	(dBμV)	(dB)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)		
2310	36.53	37.88	30.45	5.63	49.59	74.00	-24.41	peak	Vertical
2310	37.75	37.88	30.45	5.63	50.81	74.00	-23.19	peak	Horizontal
2390	38.01	37.45	30.38	5.71	50.79	74.00	-23.21	peak	Vertical
2390	36.57	37.45	30.38	5.71	49.35	74.00	-24.65	peak	Horizontal
2483.5	35.18	37.88	30.45	5.63	48.24	74.00	-25.76	peak	Vertical
2483.5	36.21	37.88	30.45	5.63	49.27	74.00	-24.73	peak	Horizontal
2500	37.30	37.45	30.38	5.71	50.08	74.00	-23.92	peak	Vertical
2500	36.82	37.45	30.38	5.71	49.60	74.00	-24.40	peak	Horizontal

If the PK measured levels comply with average limit, then the average level were deemed to comply with average limit.

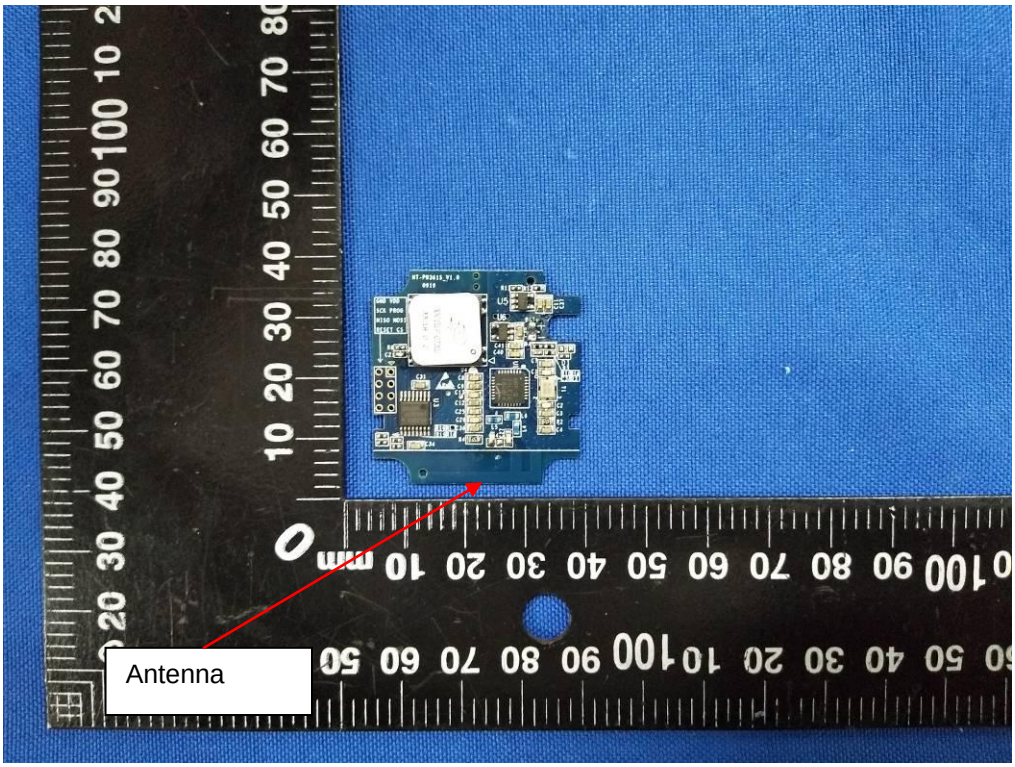
4.5. Antenna Requirements

Limits

For intentional device, according to FCC 47 CFR Section 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. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

Result

The antenna used for this product is Internal antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is only 1.47dBi.



5. Test Setup Photos of the EUT

Radiated Emission Test

Fig.1

Fig.2

Conducted Emission

Fig.3

6. External and Internal Photos of the EUT

Reference to the test report No. **External and Internal photos**

.....End of Report.....