



TEST REPORT

Reference No. : WTF21F03020086W003
FCC ID : 2AH9L-EVAWIFI
Applicant : Stadler Form Aktiengesellschaft
Address : Chamerstrasse 1746300 Zug, Switzerland
Manufacturer : Foshan Shunde Esite Electrical Appliances Co.,Ltd
Address : NO.4, Xingye Road, Beijiao Industrial Park, Beijiao, Shunde, Foshan, Guangdong, China
Product Name : Humidifier
Model No. : EVA WiFi
Standards : FCC CFR47 Part 15 Subpart C (Section 15.247): 2019
Date of Receipt sample : 2021-03-15
Date of Test : 2021-05-20 to 2021-05-25
Date of Issue : 2021-07-22
Test Result : Pass

Remarks:

The 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.

Prepared By:

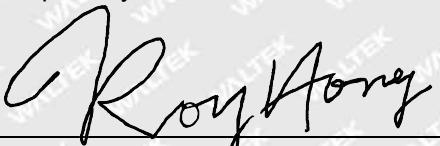
Waltek Testing Group (Foshan) Co., Ltd.

Address: No.13-19, 2/F., 2nd Building, Sunlink International Machinery City,

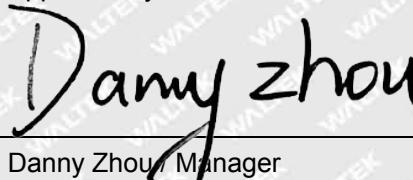
Chencun, Shunde District, Foshan, Guangdong, China

Tel: +86-757-23811398 Fax: +86-757-23811381 E-mail: info@waltek.com.cn

Compiled by:


Roy Hong / Project Engineer

Approved by:


Danny Zhou / Manager



1 Revision History

Test Report No.	Date of Issue	Description	Status
WTF21F03020086W003	2021-07-22	Original	Valid

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2 Contents

	Page
1 REVISION HISTORY.....	2
2 CONTENTS.....	3
3 GENERAL INFORMATION.....	4
3.1 GENERAL DESCRIPTION OF E.U.T	4
3.2 TECHNICAL CHARACTERISTICS OF EUT	4
3.3 STANDARDS APPLICABLE FOR TESTING.....	4
3.4 TEST FACILITY	5
3.5 SUBCONTRACTED	5
3.6 ABNORMALITIES FROM STANDARD CONDITIONS.....	5
4 EUT SETUP AND TEST MODE.....	6
5 EQUIPMENT USED DURING TEST.....	7
5.1 EQUIPMENT LIST	7
5.2 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	8
5.3 MEASUREMENT UNCERTAINTY	8
6 SUMMARY OF TEST RESULT	9
6.1 ANTENNA REQUIREMENT	10
6.2 RF EXPOSURE REQUIREMENT	11
6.3 CONDUCTED EMISSION	12
6.4 RADIATED SPURIOUS EMISSIONS	16
6.5 POWER SPECTRAL DENSITY	23
6.6 DTS BANDWIDTH	25
6.7 RF OUTPUT POWER.....	27
6.8 OUT OF BAND EMISSIONS	29
7 PHOTOGRAPHS TEST SETUP	34
7.1 PHOTOGRAPHS - RADIATED EMISSION TEST SETUP	34
7.2 PHOTOGRAPHS – CONDUCTED EMISSION TEST SETUP	35
8 PHOTOGRAPHS - CONSTRUCTIONAL DETAILS.....	36



3 General Information

3.1 General Description of E.U.T

Product Name : Humidifier
Model No. : EVA WiFi
Model Description : ---
Rated Voltage : AC 120V, 60Hz, 95W
Battery Capacity : ---
Power Adapter : ---

3.2 Technical Characteristics of EUT

Bluetooth Version : V4.2(BLE mode)
Frequency Range : 2402-2480MHz
RF Output Power : 5.04dBm (Conducted)
Modulation : GFSK
Data Rate : 2Mbps
Quantity of Channels : 40
Channel Separation : 2MHz
Type of Antenna : PCB Printed Antenna
Antenna Gain : 3dBi
Lowest Oscillation : 40MHz

3.3 Standards Applicable for Testing

The tests were performed according to following standards:

FCC Rules Part 15.247	Frequency Hopping, Direct Spread Spectrum and Hybrid Systems that are in operation within the bands of 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz
558074 D01 15.247 Meas Guidance v05r02	Guidance For Compliance Measurements On Digital Transmission System, Frequency Hopping Spread Spectrum System, And Hybrid System Devices Operating Under Section 15.247 Of The FCC Rules
ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices



3.4 Test Facility

The test facility has a test site registered with the following organizations:

- **IC – Registration No.: 21895-1**

Waltek Testing Group (Foshan) Co., Ltd. has been registered and fully described in a report filed with the Industry Canada. The acceptance letter from the Industry Canada is maintained in our files. Registration IC number:21895-1, Nov. 14, 2016.

- **FCC – Registration No.: 820106**

Waltek Testing Group (Foshan) Co., Ltd. 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 our files. Registration 820106, August 16, 2018

- **FCC – Designation No.: CN5034**

Waltek Testing Group (Foshan) Co., Ltd. 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 our files. Designation No. CN5034.

- **NVLAP – Lab Code: 600191-0**

Waltek Testing Group (Foshan) Co., Ltd. EMC Laboratory is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP/NIST). NVLAP Code: 600191-0.

This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

3.5 Subcontracted

Whether parts of tests for the product have been subcontracted to other labs:

Yes No

If Yes, list the related test items and lab information:

Test items: ---

Lab information: ---

3.6 Abnormalities from Standard Conditions

None.



4 EUT Setup and Test Mode

The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements. All testing shall be performed under maximum output power condition, and to measure its highest possible emissions level, more detailed description as follows:

Test Mode List

Test Mode	Description	Remark
TM1	Low Channel	2402MHz
TM2	Middle Channel	2440MHz
TM3	High Channel	2480MHz

Test Conditions

Temperature:	22~25°C
Relative Humidity:	50~55%
Atmospheric pressure:	101.9kPa



5 Equipment Used during Test

5.1 Equipment List

Mains Terminal Disturbance Voltage 1#(Conducted Emission)						
Item	Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1.	EMI Test Receiver	R&S	ESR3	102423	2021-01-11	2022-01-10
2.	LISN	R&S	ENV216	101343	2021-01-13	2022-01-12
3.	Cable	HUBER+SUHNER	CBL2-NN-6M	223NN624	2021-01-12	2022-01-11
4.	Switch	CD	RSU-A4 18G	RSUA4008	2021-01-11	2022-01-10
Mains Terminal Disturbance Voltage 2#(Conducted Emission)						
Item	Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1.	EMI Test Receiver	R&S	ESCI	101178	2021-01-11	2022-01-10
2.	LISN	R&S	ENV216	101215	2021-01-13	2022-01-12
3.	Cable	HUBER+SUHNER	CBL2-NN-6M	6102701	2021-01-12	2022-01-11
4.	Switch	ESE	RSU/M2	---	2021-01-11	2022-01-10
3m Semi-anechoic Chamber for Radiation Emissions						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Calibration Date	Calibration Due Date
1.	EMI Test Receiver	RS	ESR7	101566	2021-01-11	2022-01-10
2.	EMC Analyzer	Agilent	N9020A	MY48011796	2020-06-08	2021-06-07
3.	Active Loop Antenna	SCHWARZBECK	FMZB1519B	00004	2021-01-08	2022-01-07
4.	Trilog Broadband Antenna	SCHWARZBECK	VULB 9162	9162-117	2021-01-08	2022-01-07
5.	Broad-band Horn Antenna	SCHWARZBECK	BBHA 9120 D	01561	2021-01-08	2022-01-07
6.	Amplifier	Lunar E M	LNA1G18-40	20160501002	2021-01-12	2022-01-11
7.	Coaxial Cable (below 1GHz)	H+S	CBL3-NN-12+3 m	214NN320	2021-01-12	2022-01-11
8.	Coaxial Cable (above 1GHz)	Times-Microwave	CBL5-NN	-	2021-01-12	2022-01-11
9.	Test Software	FARATRONIC	EZ-EMC RA-03A1-1	-	-	-
RF Conducted Testing						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Calibration Date	Calibration Due Date
1.	Spectrum Analyzer	Agilent	N9020A	MY48011796	2020-06-08	2021-06-07
2.	Spectrum Analyzer	R&S	FSP40	100501	2021-01-08	2022-01-07
3.	Analog Signal Generator	Agilent	N5181A	MY48180720	2021-01-12	2022-01-11
4.	Environmental Chamber	KSON	THS-D4C-100	5244K	2021-01-08	2022-01-07
5.	RF Control Unit	CHANGCHUANG	JS0806-2	-	2021-01-12	2022-01-11



5.2 Special Accessories and Auxiliary Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.
1.	/	/	/	/

5.3 Measurement Uncertainty

Parameter	Uncertainty
RF Output Power	±0.95dB
Occupied Bandwidth	±1.5%
Conducted Spurious Emission	±2.7dB
Conducted Emission	±2.7dB
Transmitter Spurious Emission	±3.8dB (for 25MHz-1GHz)
	±5.0dB (for 1GHz-18GHz)



6 Summary of Test Result

Test Items	FCC Rules	Result
Antenna Requirement	§15.203; §15.247(b)(4)(i)	Compliant
Restricted Band of Operation	§15.205	Compliant
Conducted Emissions	§15.207(a)	Compliant
Radiated Spurious Emissions	§15.209(a)	Compliant
Power Spectral Density	§15.247(e)	Compliant
DTS Bandwidth	§ 15.247(a)(2)	Compliant
RF Output Power	§15.247(b)(3)	Compliant
Band edge (Out of Band Emissions)	§15.247(d)	Compliant
RF Exposure	§2.1093	Compliant

Remark:

- Pass Test item meets the requirement
- Fail Test item does not meet the requirement
- N/A Test case does not apply to the test object

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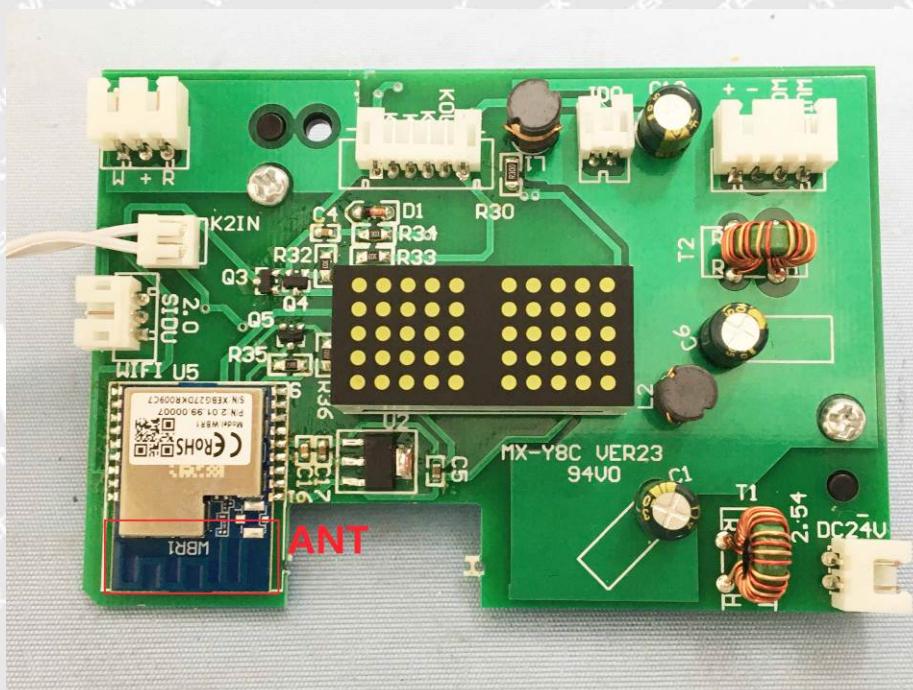
6.1 Antenna Requirement

6.1.1 Standard Applicable

According to FCC Part 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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

6.1.2 Evaluation Information

The EUT has a PCB Printed Antenna, the gain is 3dBi, fulfil the requirement of this section.





6.2 RF Exposure Requirement

6.2.1 Standard Applicable

According to §1.1307 and §2.1093, the portable transmitter must comply the RF exposure requirements.

6.2.2 Test Result

This product complied with the requirement of the RF exposure, please see the RF Exposure Report WTF21F03020086W004.

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6.3 Conducted Emission

6.3.1 Test Procedure

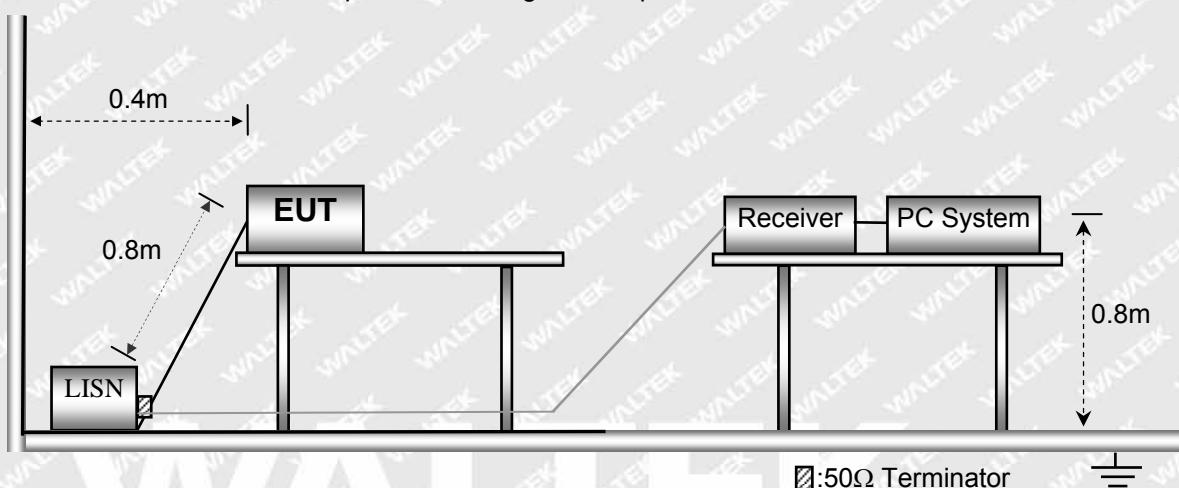
The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 Limit.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

6.3.2 EUT Setup

The conducted emission tests were performed using the setup accordance with the ANSI C63.10:2013.



6.3.3 Test Receiver Setup

During the conducted emission test, the test receiver was set with the following configurations:

Start Frequency.....	150 kHz
Stop Frequency.....	.30 MHz
Sweep Speed.....	Auto
IF Bandwidth.....	10 kHz
Quasi-Peak Adapter Bandwidth.....	9 kHz
Quasi-Peak Adapter Mode.....	Normal



6.3.4 Measurement Description

The maximised peak emissions from the EUT was scanned and measured for both the Live and Neutral Lines. Quasi-peak & average measurements were performed if peak emissions were within 6dB of the average limit line.

6.3.5 Corrected Factor & Margin Calculation

The Corrected factor is calculated by adding LISN VDF(Voltage Division Facotr), Cable Loss and Transient Limiter Attenuation. The basic equation is as follows:

$$\text{Measurement} = \text{Reading Level} + \text{Correct Factor}$$

$$\text{Correct Factor} = \text{LISN VDF} + \text{Cable Loss}$$

The "Margin" column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Limit} - \text{Measurement}$$

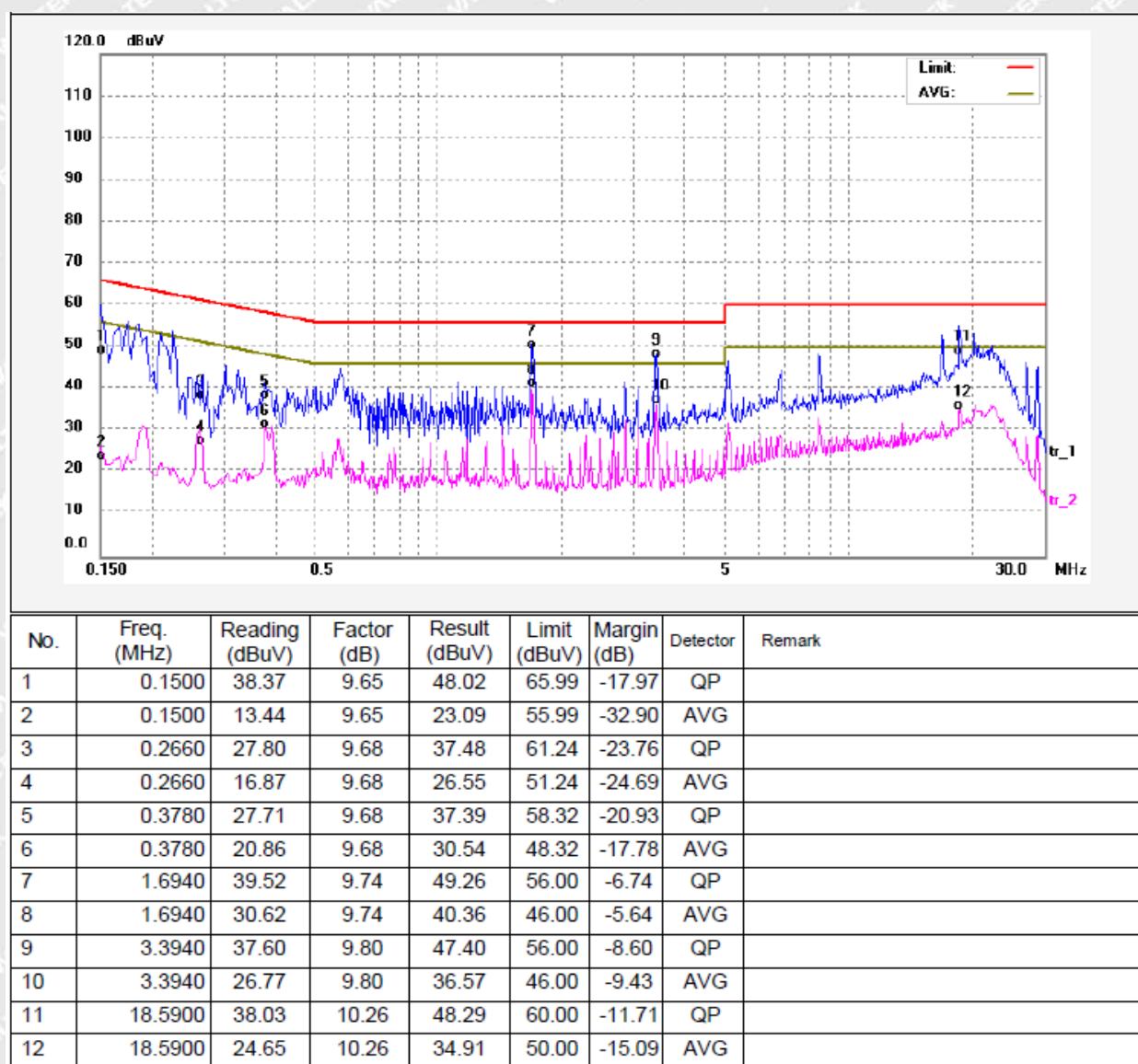
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6.3.6 Test Result

An initial pre-scan was performed on the live and neutral lines.

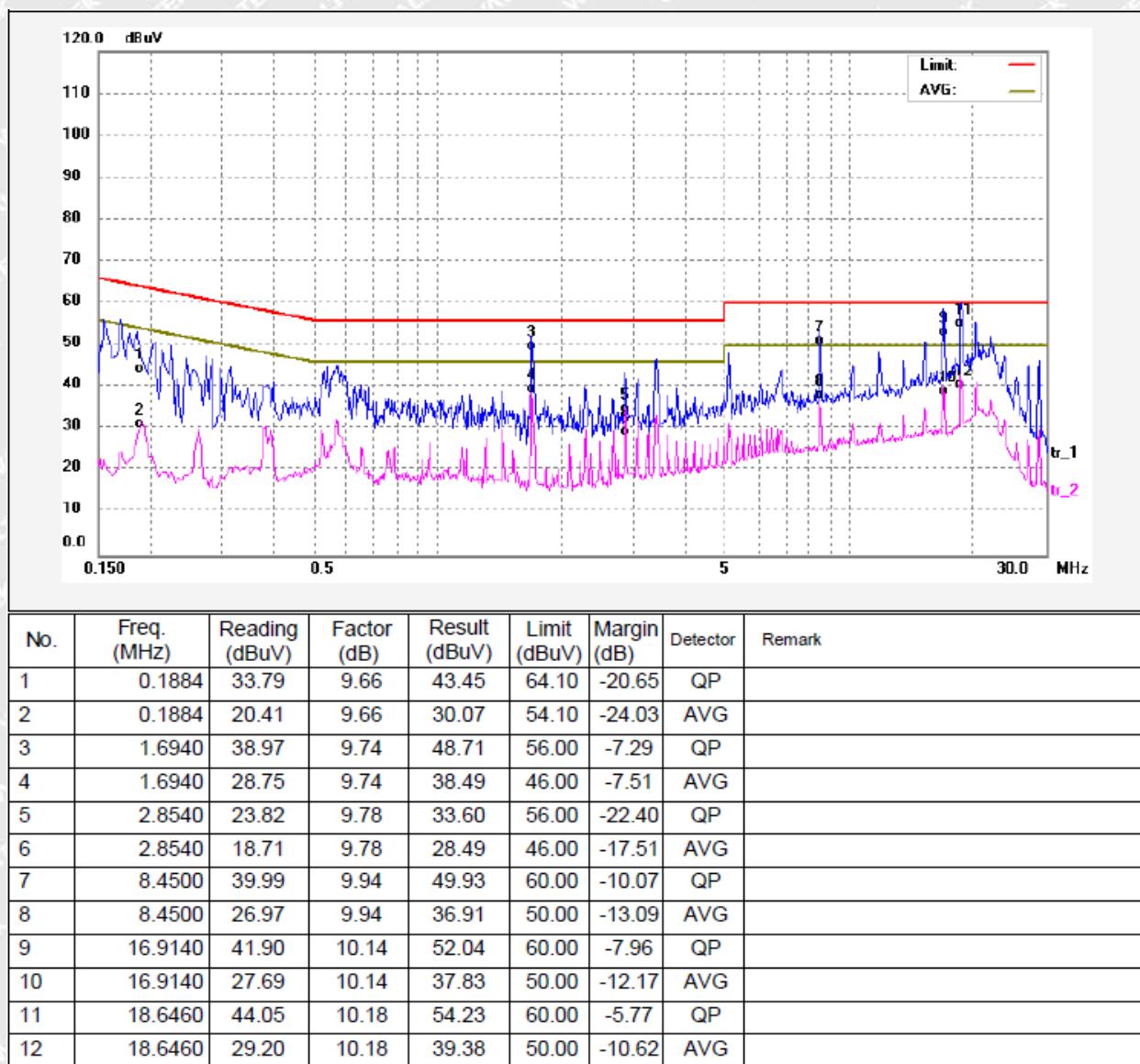
Test Mode Communication **Test Voltage** AC 120V/60Hz **Phase** Live





Test Mode Communication

Test Voltage AC 120V/60Hz Phase Neutral





6.4 Radiated Spurious Emissions

6.4.1 Standard Applicable

According to §15.247(d), 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 conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in §15.35 for limiting peak emissions apply. Spurious Radiated Emissions measurements starting below or at the lowest crystal frequency.

6.4.2 Test Procedure

- 1) The EUT is placed on a turntable, which is 0.8m(Below 1G) 1.5m(above 1G)above ground plane.
- 2) The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- 3) EUT is set 3m away from the receiving antenna, which is moved from 1m to 4m to find out the maximum emissions. The spectrum was investigated from the lowest radio frequency signal generated in the device, without going below 9 kHz, up to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.
- 4) Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 5) And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 6) Repeat above procedures until the measurements for all frequencies are complete.
- 7) The radiation measurements are tested under 3-axes(X, Y, Z) position(X denotes lying on the table, Y denotes side stand and Z denotes vertical stand), After pre-test, It was found that the worse radiation emission was get at the Z position. So the data shown was the Z position only.



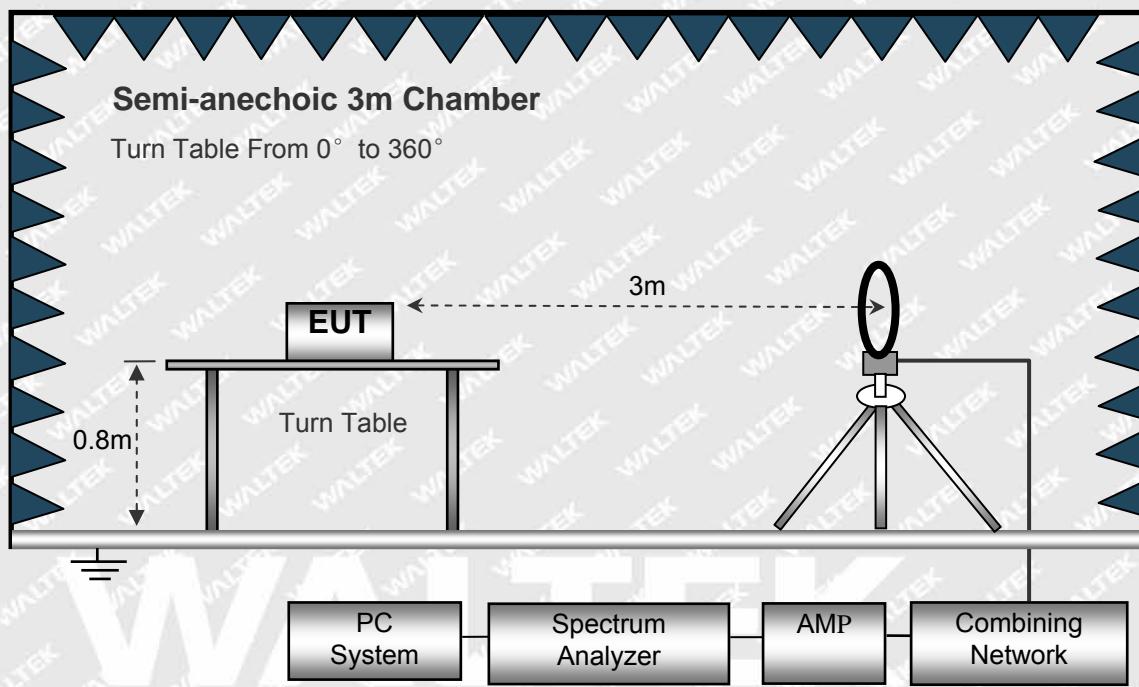
6.4.3 Test Setup

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.205 15.247(a) and FCC Part 15.209 Limit.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

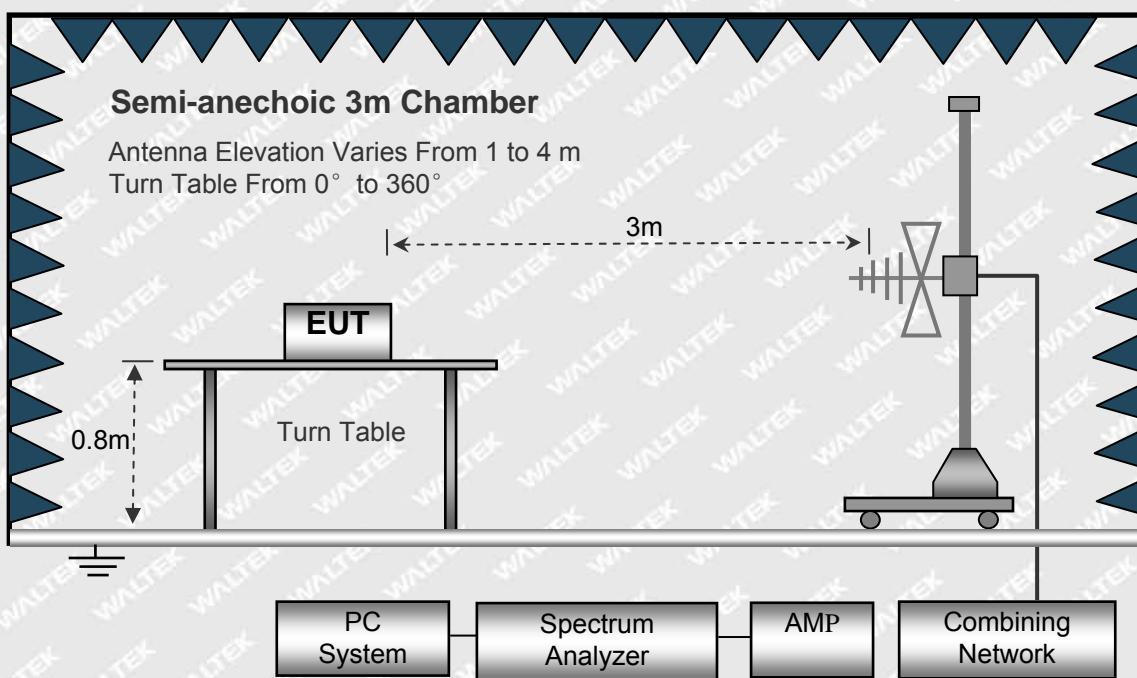
The spacing between the peripherals was 10 cm.

The test setup for emission measurement below 30MHz.

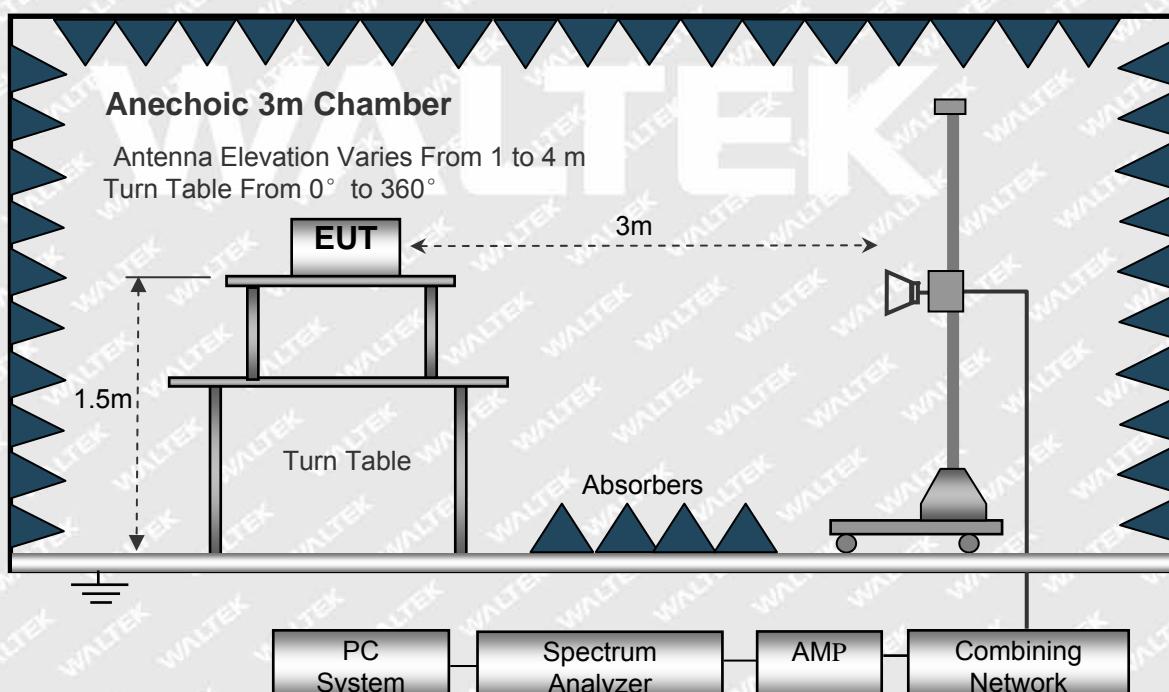




The test setup for emission measurement from 30 MHz to 1 GHz.



The test setup for emission measurement above 1 GHz.





6.4.4 Spectrum Analyzer Setup

9KHz-30MHz

RBW=10kHz

VBW=30kHz

Sweep time=Auto

Trace=Max hold

Detector function=peak

30MHz-1GHz

RBW=120kHz

VBW=300kHz

Sweep time=Auto

Trace=Max hold

Detector function=peak, QP

Above 1GHz

RBW=1MHz

VBW=3MHz(Peak), 10MHz(AV)

Sweep time=Auto

Trace=Max hold

Detector function=peak, AV

6.4.5 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

$$\text{Corr. Ampl.} = \text{Indicated Reading} + \text{Corr. Factor}$$

$$\text{Corr. Factor} = \text{Antenna Factor} + \text{Cable Factor} - \text{Amplifier Gain}$$

The "Margin" column of the following data tables indicates the degree of compliance with the applicable limit.

For example, a margin of -7dB means the emission is 7dB below the maximum limit for Class B. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Corr. Ampl.} - \text{Limit}$$



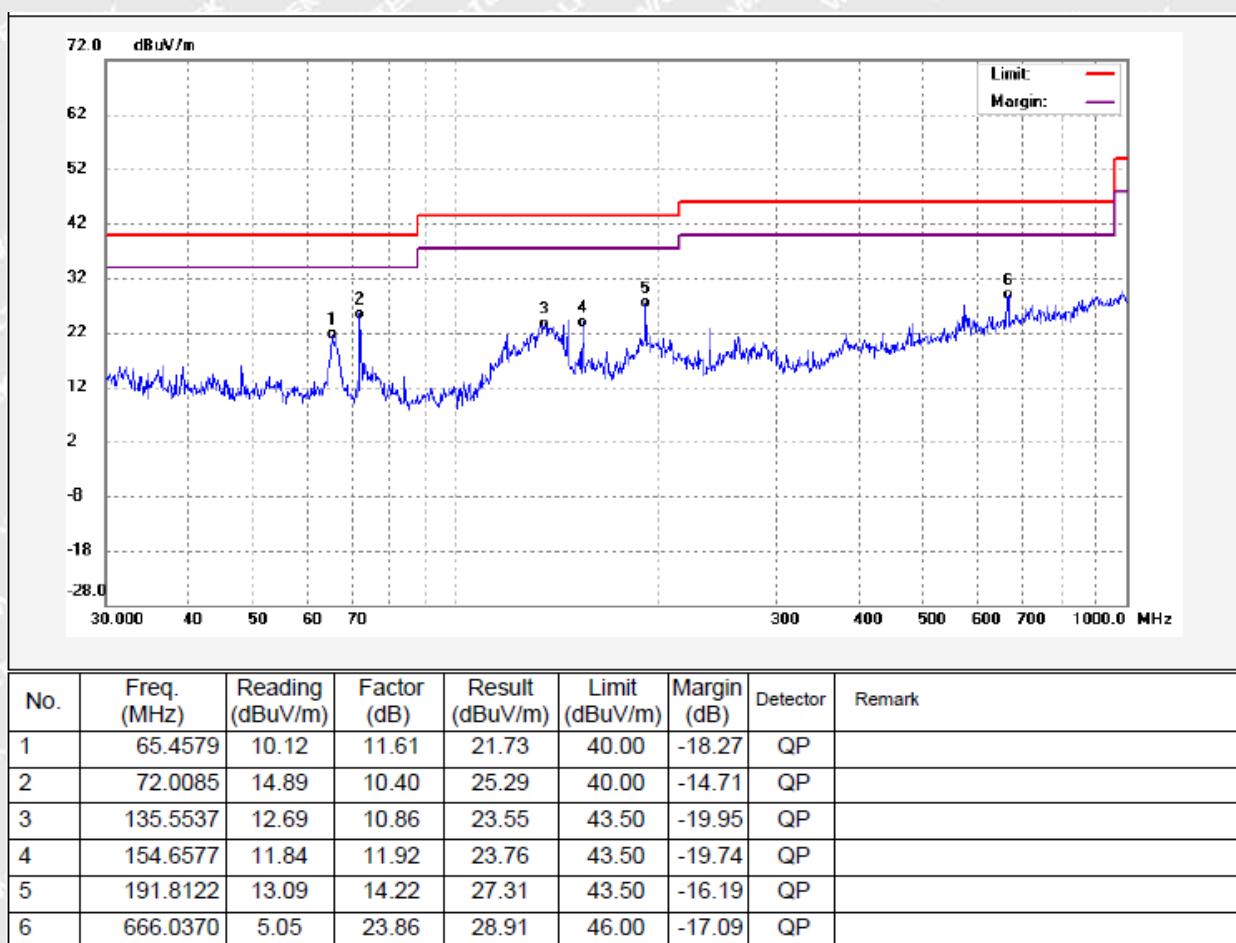
6.4.6 Test Results

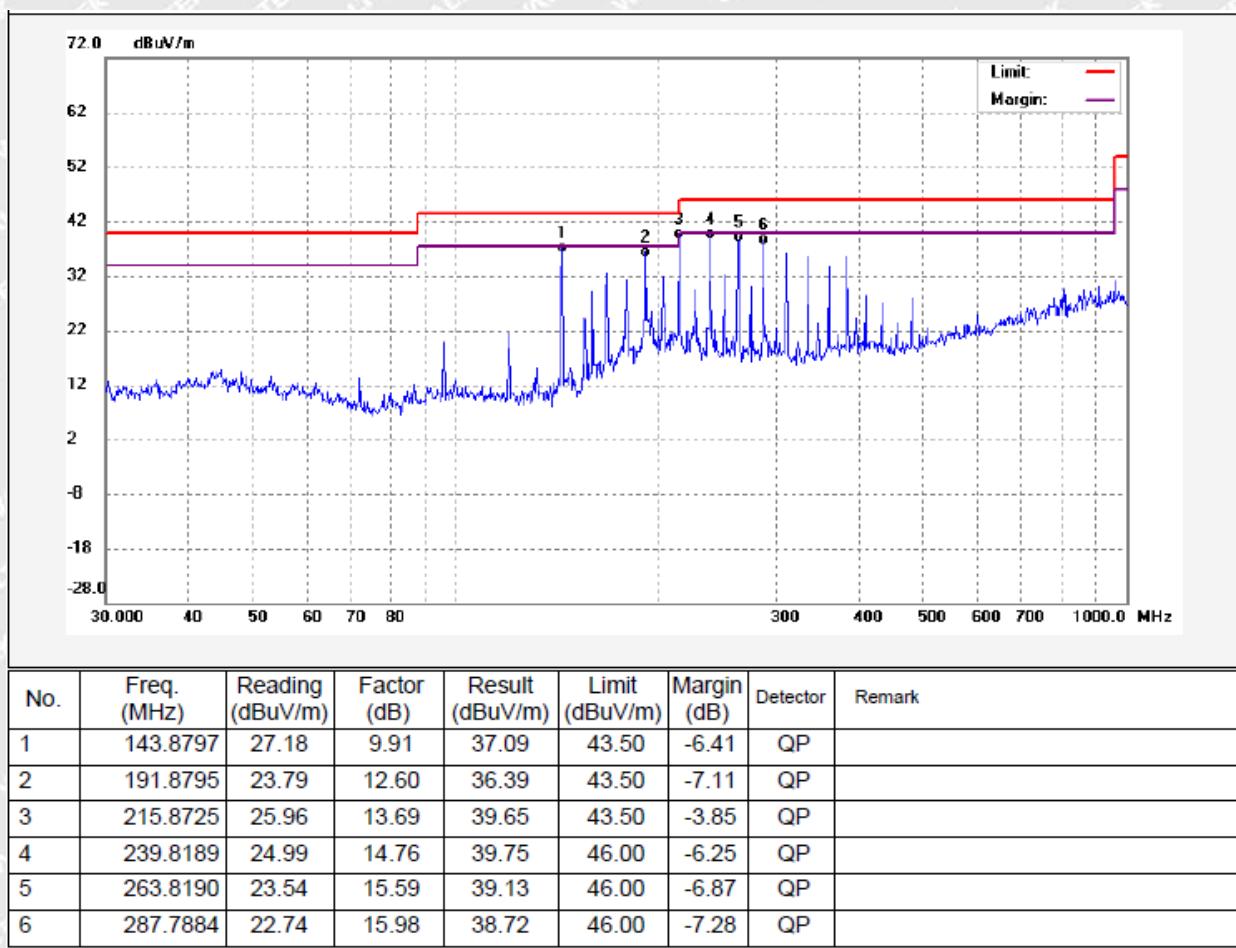
Test Frequency: 9 kHz~30 MHz

The measurements were more than 20 dB below the limit and not reported.

Test Frequency: 30MHz ~ 1GHz (worst case)

Test Channel GFSK Low Channel Polarization Vertical




Test Channel **GFSK Low Channel** **Polarization** **Horizontal**




Test Frequency: 1GHz~18GHz

Frequency (MHz)	Reading (dB μ V/m)	Detector	Polar (H/V)	Corrected Factor (dB)	Result (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
Low Channel-2402MHz							
3878.75	42.50	Peak	H	-6.14	36.36	74	-37.64
3878.75	33.32	AVG	H	-6.14	27.18	54	-26.82
8943.00	40.79	Peak	H	5.49	46.28	74	-27.72
8943.00	32.46	AVG	H	5.49	37.95	54	-16.05
4748.25	43.32	Peak	V	-3.63	39.69	74	-34.31
4748.25	34.09	AVG	V	-3.63	30.46	54	-23.54
8778.50	40.68	Peak	V	4.75	45.43	74	-28.57
8778.50	31.53	AVG	V	4.75	36.28	54	-17.72
Middle Channel-2440MHz							
5124.25	41.17	Peak	H	-2.71	38.46	74	-35.54
5124.25	32.05	AVG	H	-2.71	29.34	54	-24.66
8296.75	41.21	Peak	H	4.13	45.34	74	-28.66
8296.75	32.15	AVG	H	4.13	36.28	54	-17.72
4748.25	43.37	Peak	V	-3.63	39.74	74	-34.26
4748.25	32.15	AVG	V	-3.63	28.52	54	-25.48
8978.25	39.94	Peak	V	5.12	45.06	74	-28.94
8978.25	30.07	AVG	V	5.12	35.19	54	-18.81
High Channel-2480MHz							
5547.25	42.41	Peak	H	-2.15	40.26	74	-33.74
5547.25	32.61	AVG	H	-2.15	30.46	54	-23.54
9001.75	40.76	Peak	H	5.66	46.42	74	-27.58
9001.75	31.42	AVG	H	5.66	37.08	54	-16.92
4384.00	42.66	Peak	V	-4.61	38.05	74	-35.95
4384.00	32.17	AVG	V	-4.61	27.56	54	-26.44
8896.00	40.36	Peak	V	4.97	45.33	74	-28.67
8896.00	31.81	AVG	V	4.97	36.78	54	-17.22

Test Frequency: 18GHz~25GHz

The measurements were more than 20 dB below the limit and not reported.



6.5 Power Spectral Density

6.5.1 Standard Applicable

According to 15.247(a)(1)(iii), For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

6.5.2 Test Procedure

According to the KDB 558074 D01 v05r02 Subclause 8.4 and ANSI C63.10-2013 Subclause 11.10.2, the test method of power spectral density as below:

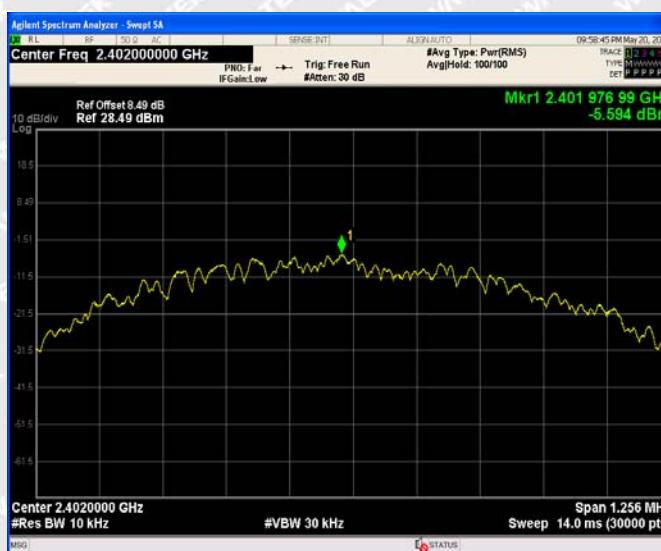
- a) Set analyzer center frequency to DTS channel center frequency.
- b) Set the span to 1.5 times the DTS bandwidth.
- c) Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- d) Set the VBW $\geq 3 \times \text{RBW}$.
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum amplitude level within the RBW.
- j) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

6.5.3 Test Result

Test Mode	Test Channel	Power Spectral Density dBm/10kHz	Limit dBm/3kHz
GFSK(BLE)	Low	-5.59	8
	Middle	-5.93	8
	High	-6.10	8



Low Channel



Middle Channel



High Channel





6.6 DTS Bandwidth

6.6.1 Standard Applicable

According to 15.247(a)(2). Systems using digital modulation techniques may operate in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

6.6.2 Test Procedure

According to the KDB 558074 D01 v05r02 Subclause 8.2 and ANSI C63.10-2013 Subclause 11.8.1, the test method of DTS Bandwidth as below:

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.6.3 Test Result

Test Mode	Test Channel	6dB Bandwidth MHz	Limit kHz
GFSK(BLE)	Low	0.628	≥ 500
	Middle	0.660	≥ 500
	High	0.640	≥ 500



Low Channel



Middle Channel



High Channel





6.7 RF Output Power

6.7.1 Standard Applicable

According to 15.247(b)(3). For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands: 1 Watt.

6.7.2 Test Procedure

According to the KDB-558074 D01 v05r02 Subclause 8.3.1.1 and ANSI C63.10-2013 Subclause 11.9.1.1, this procedure shall be used when the measurement instrument has available a resolution bandwidth that is greater than the DTS bandwidth.

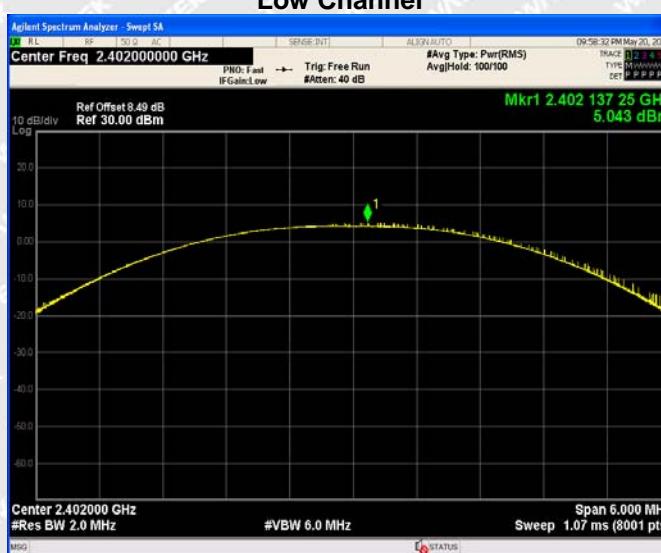
- a) Set the RBW \geq DTS bandwidth.
- b) Set VBW $\geq 3 \times$ RBW.
- c) Set span $\geq 3 \times$ RBW
- d) Sweep time = auto couple.
- e) Detector = peak.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use peak marker function to determine the peak amplitude level.

6.7.3 Test Result

Modulation	Test Channel	Reading (dBm)	Output Power (mW)	Limit (mW)
GFSK(BLE)	Low	5.04	3.192	1000
	Middle	3.68	2.333	1000
	High	3.70	2.344	1000



Low Channel



Middle Channel



High Channel





6.8 Out of Band Emissions

6.8.1 Standard Applicable

According to §15.247 (d) 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 conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

6.8.2 Test Procedure

According to the KDB 558074 D01 v05r02 Subclause 8.4 and ANSI C63.10-2013 Subclause 11.11, the Emissions in nonrestricted frequency bands test method as follows:

- a) Set the center frequency and span to encompass frequency range to be measured.
- b) Set the RBW = 100 kHz.
- c) Set the VBW $\geq [3 \times \text{RBW}]$.
- d) Detector = peak.
- e) Sweep time = auto couple.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use the peak marker function to determine the maximum amplitude level.

According to the KDB 558074 D01 v05r02 Subclause 8.5 and ANSI C63.10-2013 Subclause 11.12, the Emissions in restricted frequency bands test method as follows:

A. Radiated emission measurements:

Set span = wide enough to capture the peak level of the emission operating on the channel closest to the bandedge,
as well as any modulation products which fall outside of the authorized band of operation (2310MHz to 2420MHz
for low bandedge, 2460MHz to 2500MHz for the high bandedge)

RBW = 1MHz, VBW = 1MHz for peak value measured

RBW = 1MHz, VBW = 10Hz for average value measured

Sweep = auto; Detector function = peak/average; Trace = max hold

All the trace to stabilize, set the marker on the emission at the band edge, or on the highest modulation product outside of the band, if this level is greater than that at the band edge. Enable the marker-delta function, and then use the marker-to-peak function to move the marker to the peak of the in-band emission.

Those emissions must comply with the 15.209 limit for fall in the restricted bands listed in section 15.205.



Note that the method of measurement KDB publication number: 913591 may be used for the radiated band edge measurements.

B. Antenna-port conducted measurements

Peak emission levels are measured by setting the instrument as follows:

- a) RBW = as specified in Table 9/
- b) VBW $\geq [3 \times \text{RBW}]$.
- c) Detector = peak.
- d) Sweep time = auto.
- e) Trace mode = max hold.
- f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be lengthened for low-duty-cycle applications.)

Table 9—RBW as a function of frequency

Frequency	RBW
9 kHz to 150 kHz	200 Hz to 300 Hz
0.15 MHz to 30 MHz	9 kHz to 10 kHz
30 MHz to 1000 MHz	100 kHz to 120 kHz
>1000 MHz	1 MHz

If the peak-detected amplitude can be shown to comply with the average limit, then it is not necessary to perform a separate average measurement.

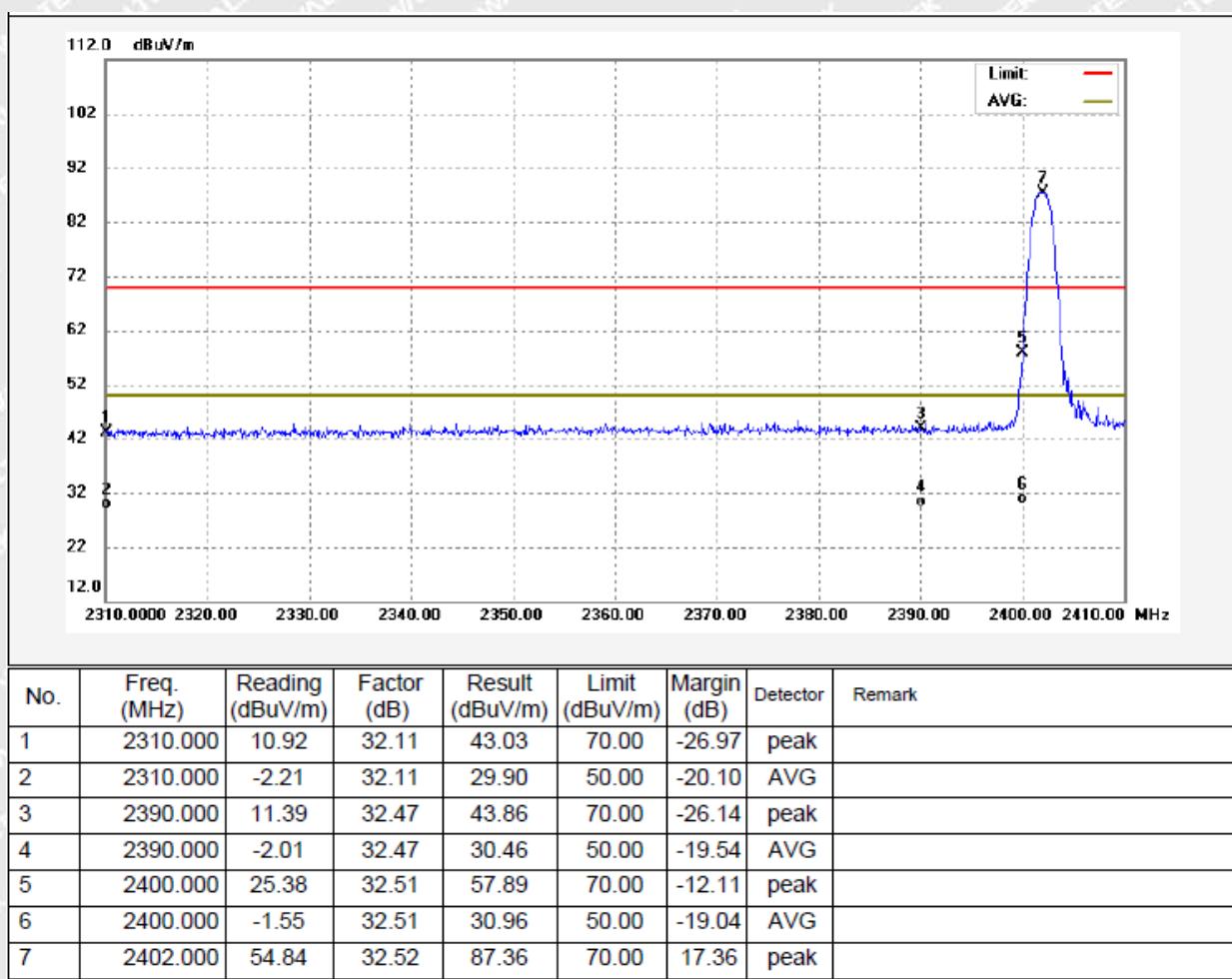
Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) are attenuated by at least the minimum requirements specified in section 8.1.

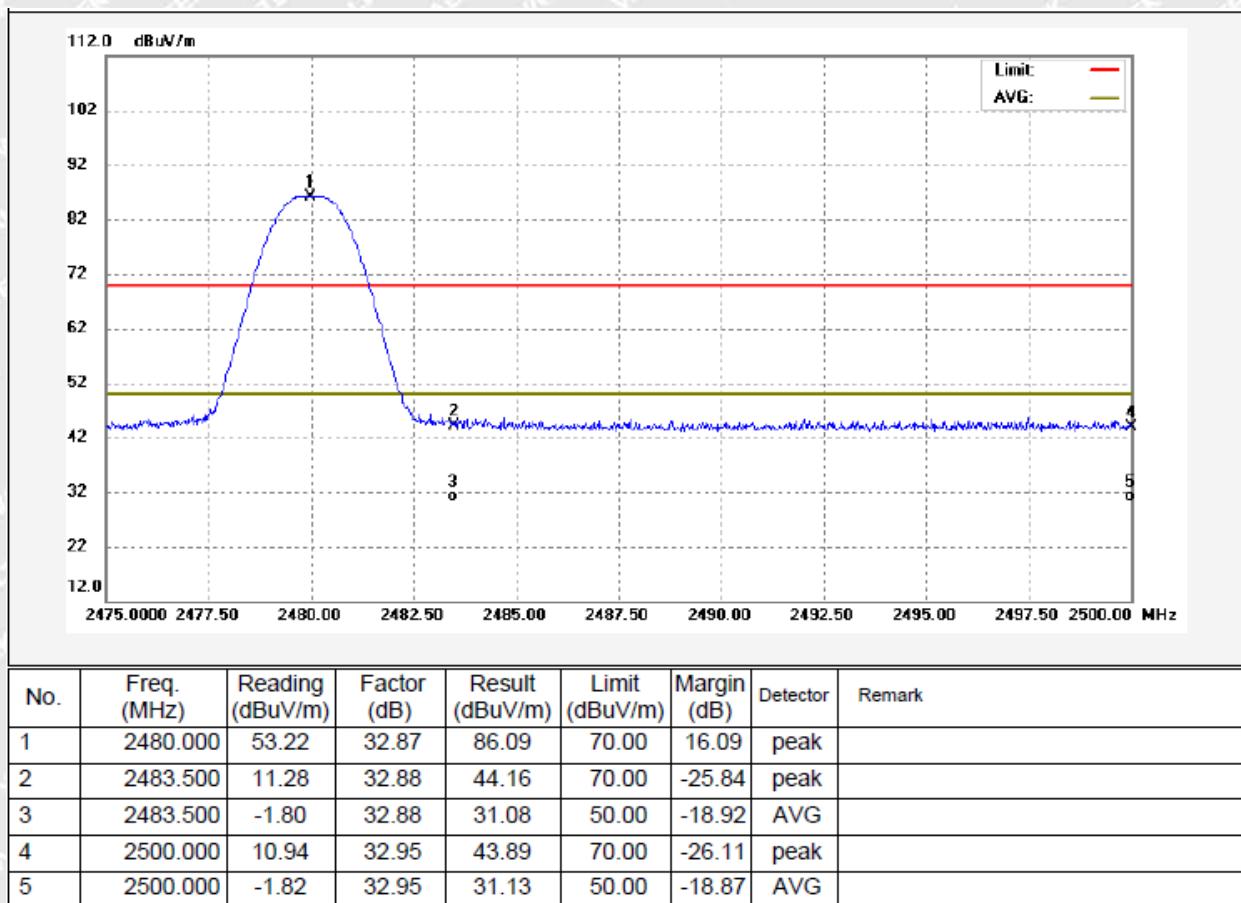


6.8.3 Test Result

Radiated Test

Test Channel Low Channel **Polarization** Vertical (worst mode)

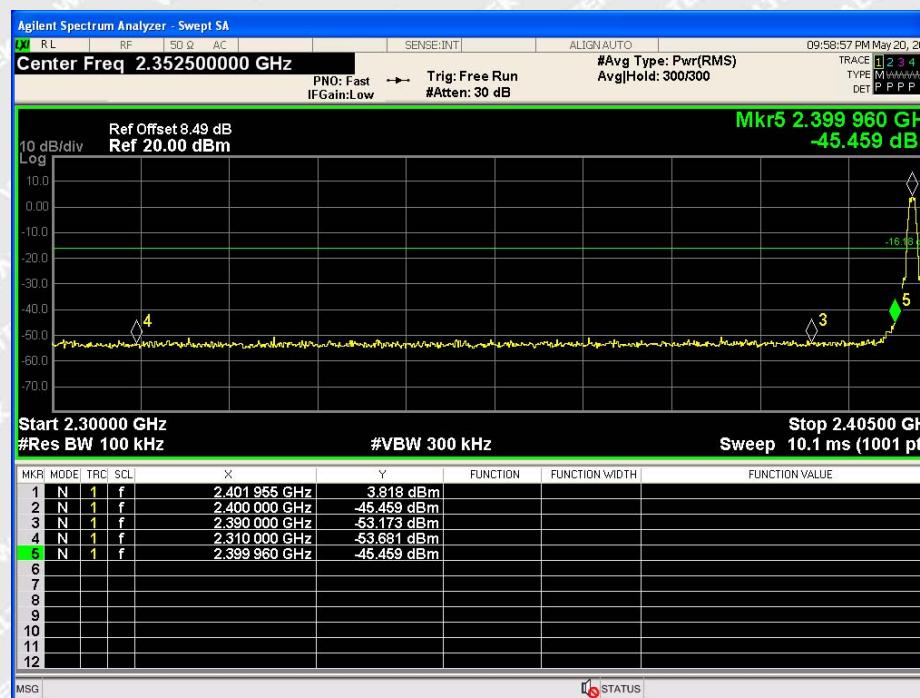


**Test Channel****High Channel****Polarization****Vertical (worst mode)**

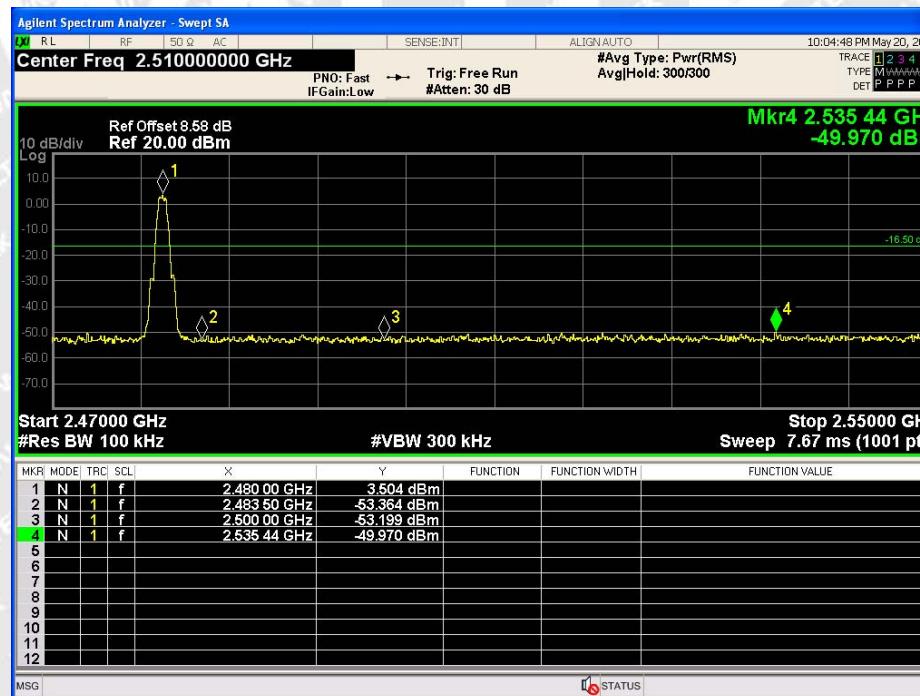


Conducted Test

Low Channel



High Channel





7 Photographs Test Setup

7.1 Photographs - Radiated Emission Test Setup

30MHz-1GHz



Above 1GHz





7.2 Photographs – Conducted Emission Test Setup





8 Photographs - Constructional Details

Refer to Reference No.:WTF21F03020086W001 for details

=====End of Report=====

WALTEK