



# **FCC Test Report**

Report No.: AGC02294210401FE10

FCC ID : 2AJGMBF888SPLUS

**PRODUCT DESIGNATION**: Two-way Radio

**BRAND NAME** : POFUNG, BAOFENG, VBTER

MODEL NAME BF-888S PLUS, VBT-888S PLUS, BF-777H, VBT-777H,

BF-T99S, LX-S8, TH-888S, TR-S88, AK-888S

APPLICANT PO FUNG ELECTRONIC(HK) INTERNATIOANL GROUP

**COMPANY** 

**DATE OF ISSUE** : Apr. 26, 2021

STANDARD(S) : FCC Part 90 Rules FCC Part 22 Rules

**REPORT VERSION** : V 1.0

# Attestation of Global Compliance (Shenzhen) Co., Ltd





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the specificated restroy/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGE. The test result presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuence of the test report Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Page 2 of 47

#### REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	1	Apr. 26, 2021	Valid	Initial Release

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Festing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the writter appropriate the test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issued of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



## Page 3 of 47

# **TABLE OF CONTENTS**

1. GENERAL INFORMATION	
2. PRODUCT INFORMATION	
2.1 PRODUCT TECHNICAL DESCRIPTION	6
2.2 TEST FREQUENCY LIST	6
2.3 RELATED SUBMITTAL(S) / GRANT (S)	7
2.4 TEST METHODOLOGY	
2.5 CALCULATION OF EMISSION INDICATORS	7
2.6 SPECIAL ACCESSORIES	7
2.7 EQUIPMENT MODIFICATIONS	
3. TEST ENVIRONMENT	
3.1 ADDRESS OF THE TEST LABORATORY	
3.2 TEST FACILITY	
3.3 ENVIRONMENTAL CONDITIONS	9
3.4 MEASUREMENT UNCERTAINTY	9
3.5 LIST OF EQUIPMENTS USED	
4.SYSTEM TEST CONFIGURATION	11
4.1 EUT CONFIGURATION	11
4.2 EUT EXERCISE	11
4.3 CONFIGURATION OF TESTED SYSTEM	11
4.4 EQUIPMENT USED IN TESTED SYSTEM	11
4.5 SUMMARY OF TEST RESULTS	12
5.DESCRIPTION OF TEST MODES	13
6.FREQUENCY TOLERANCE	14
6.1 PROVISIONS APPLICABLE	14
6.2 MEASUREMENT PROCEDURE	14
6.3 MEASUREMENT SETUP	
6.4 MEASUREMENT RESULTS	15
7. EMISSION BANDWIDTH	16
7.1 PROVISIONS APPLICABLE	16
7.2 MEASUREMENT PROCEDURE	16
7.3 MEASUREMENT SETUP	16
7.4 MEASUREMENT RESULTS	17
8. SPURIOUS RATIATED EMISSION	19
8.1 PROVISIONS APPLICABLE	
8.2 MEASUREMENT PROCEDURE report having not been signed by authorized approver, or having been altered without authorization, or having not been signed by authorized approver.	mplian 19

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Festing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the writter authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuence of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Page 4 of 47

8.3 MEASUREMENT S	ETUP	 20
8.4 MEASUREMENT R	ESULTS	 21
8.5 EMISSION MASK F	LOT	 27
9.MODULATION CHARACT	ERISTICS	 29
9.1 PROVISIONS APPL	ICABLE	 29
9.2 MEASUREMENT M	ETHOD	 29
	ETUP	
	ESULTS	
10. MAXIMUMN TRANSMIT	TER POWER	32
	LICABLE	
10.2 MEASUREMENT I	METHOD	32
10.3 MEASUREMENT I	METHOD	 32
10.4 MEASUREMENT	RESULTS	34
	ON ANTENNA PORT	
	LICABLE	
	METHOD	
	SETUP	
	RESULTS	
	ENCY BEHAVIOR	
	LICABLE	
	SETUP	
	METHOD	
	JLTS	
	ER RESPONSE	
13.1 PROVISIONS APP	PLICABLE	42
	METHOD	
	SETUP	
	JLTS	
APPENDIX I: PHOTOGRAF	PHS OF TEST SETUP	45
APPENDIX II: PHOTOGRA	PHS OF TEST FUT	47

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Pesting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the writter authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Page 5 of 47

#### 1. GENERAL INFORMATION

Applicant	PO FUNG ELECTRONIC(HK) INTERNATIOANL GROUP COMPANY
Address	3/F FULOK BLDG 131-133 WING LOK ST SHEUNG WAN, Hong Kong
Manufacturer	PO FUNG ELECTRONIC(HK) INTERNATIOANL GROUP COMPANY
Address	3/F FULOK BLDG 131-133 WING LOK ST SHEUNG WAN, Hong Kong
Factory	PO FUNG ELECTRONIC(HK) INTERNATIOANL GROUP COMPANY
Address	3/F FULOK BLDG 131-133 WING LOK ST SHEUNG WAN, Hong Kong
Product Designation	Two-way Radio
Brand Name	POFUNG, BAOFENG, VBTER
Test Model	BF-888S PLUS
Series Model(s)	VBT-888S PLUS, BF-777H, VBT-777H, BF-T99S, LX-S8, TH-888S, TR-S88, AK-888S
Difference Description	Only the product shell line design, side key color, brand and model name are differences
Deviation from Standard	None
Date of Receipt	Apr. 15, 2021
Date of Test	Apr. 15, 2021 – Apr. 26, 2021
Test Result	Pass

#### WE HEREBY CERTIFY THAT:

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. The data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI/TIA-603-E-2016. The sample tested as described in this report is in compliance with the FCC Rules Part 22 and 90. The test results of this report relate only to the tested sample identified in this report.

Prepared By

Donjon Huang
(Project Engineer)

Reviewed By

Calvin Liu
(Reviewer)

Apr. 26, 2021

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Pasting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the writter appropriation of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc~cert.com.



Page 6 of 47

#### 2. PRODUCT INFORMATION

#### 2.1 PRODUCT TECHNICAL DESCRIPTION

Hardware Version	FB_V1_A21_VER1.4		
Software Version	V1.1.8		
Power Supply	DC 3.7V	- C - C	
Adapter Information	Input: AC100-240v 50/60Hz, 0.2A Output: DC 5.0V 1A		
Communication Type	Voice / Data		
Operation Frequency Range	From 400MHz to 470MHz	2	
Modulation Type	Analog Voice:	FM	
Channel Separation	Analog Voice:	12.5 kHz	
Emission Designator	11K0F3E	. 10	
Rated Output Power	2W (It was fixed by the m	nanufacturer, any individual can't arbitrarily change it.)	
Maximum Transmitter Power	32.88dBm(2W-12.5kHz)		
Antenna Designation	Detachable Antenna		
Antenna Gain	1.5dBi	20 ° '	

#### 2.2 TEST FREQUENCY LIST

Operation mode	Channel Separation	Operation Frequency Range	Test channel	Test Frequency
	12.5 kHz	400-470MHz	Bottom	406.125 MHz
8	12.5 kHz	400-470MHz	Middle	453.2125 MHz
Analog	12.5 kHz	400-470MHz	Middle	454.025 MHz
	12.5 kHz	400-470MHz	Middle	458.2125 MHz
	12.5 kHz	400-470MHz	Тор	469.975 MHz

#### Note:

In section KDB 634817 D01 Sections II) (f) (1) and (2):

Test at least one frequency in each band for each rule part applied under and ensure the device is capable of operating on the frequency under each rule part. This requirement may result in testing on multiple frequencies. Testing on one frequency may be acceptable if multiple listed bands for a rule part with a continuous frequency range are split to remove a conflict with other rules and the technical requirements in the split bands are the same. Additional requirements for RF exposure may apply.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Pest of Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Page 7 of 47

#### 2.3 RELATED SUBMITTAL(S) / GRANT (S)

This submittal(s) (test report) is intended for FCC ID: **2AJGMBF888SPLUS**, filing to comply with Part 2, Part 22, and Part 90 of the Federal Communication Commission rules.

#### 2.4 TEST METHODOLOGY

The tests were performed according to following standards:

No.	Identity	Document Title	
1	FCC 47 CFR Part 22	Public Mobile Services	
2	FCC 47 CFR Part 90	Private Land Mobile Radio Services	
<sub>®</sub> 3	FCC 47 CFR Part 2	Frequency allocations and radio treaty matters; general rules and regulations	
4	ANSI/TIA-603-E	Land Mobile FM or PM Communications Equipment Measurement and Performance Standards	
5	ANSI C63.26-2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services	
6	KDB 971168 D01	KDB 971168 D01 Power Meas License Digital Systems v03r01	
7	KDB 579009 D03	KDB 579009 D03 Applications Part 90 Refarming Bands v01	
8	KDB 634817 D01	KDB 634817 D01 Freq Range Listing for Grants v04r01	

#### 2.5 CALCULATION OF EMISSION INDICATORS

FCC Rules and Regulations Part 2.202: Necessary Bandwidth and Emission Bandwidth

#### For FM Mode (ChannelSpacing: 12.5kHz)

Emission Designator 11K0F3E

In this case, the maximum modulating frequency is 3.0 kHz with a 2.5 kHz deviation.

BW = 2(M+D) = 2\*(3.0 kHz + 2.5 kHz) = 11 kHz = 11KO

F3E portion of the designator represents an FM voice transmission.

Therefore, the entire designator for 12.5 kHz channel spacing FM mode is 11K0F3E.

#### For FM Mode (Channel Spacing: 25kHz)

Emission Designator 16K0F3E

In this case, the maximum modulating frequency is 3.0 kHz with a 5.0 kHz deviation.

BW = 2(M+D) = 2\*(3.0 kHz + 5.0 kHz) = 16 kHz = 16K0

F3E portion of the designator represents an FM voice transmission.

Therefore, the entire designator for 25 kHz channel spacing FM mode is 16K0F3E.

#### 2.6 SPECIAL ACCESSORIES

Not available for this EUT intended for grant.

#### 2.7 EQUIPMENT MODIFICATIONS

Not available for this EUT intended for grant.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Festing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGE. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Page 8 of 47

#### 3. TEST ENVIRONMENT

#### 3.1 ADDRESS OF THE TEST LABORATORY

Laboratory: Attestation of Global Compliance (Shenzhen) Co., Ltd.

Address: 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

#### 3.2 TEST FACILITY

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

#### CNAS-Lab Code: L5488

Attestation of Global Compliance (Shenzhen) Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2017 General Requirements) for the Competence of Testing and Calibration Laboratories.

#### A2LA-Lab Cert. No.: 5054.02

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

#### FCC-Registration No.: 975832

Attestation of Global Compliance (Shenzhen) 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 with Registration 975832.

#### IC-Registration No.: 24842

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the Certification and Engineering Bureau of Industry Canada. The acceptance letter from the IC is maintained in our files with Registration 24842.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Bedicated Residual Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGE, he test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Page 9 of 47

#### 3.3 ENVIRONMENTAL CONDITIONS

	NORMAL CONDITIONS	EXTREME CONDITIONS
	NORWAL CONDITIONS	EXTREME CONDITIONS
Temperature range (°C)	15 - 35	-20 - 50
Relative humidty range	20 % - 75 %	20 % - 75 %
Pressure range (kPa)	86 - 106	86 - 106
Power supply	DC 3.7V	LV:3.15V/HV:4.26V

Note: The Extreme Temperature and Extreme Voltages declared by the manufacturer.

#### 3.4 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement y ±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%.

Test Items	Measurement Uncertainty	
Frequency stability	±0.5%	
Transmitter power conducted	±0.8dB	
Transmitter power Radiated	±1.3dB	
Conducted spurious emission 9kHz-40 GHz	±2.7dB	
Conducted Emission	±3.2 dB	
Radiated Emission below 1GHz	±3.9 dB	
Radiated Emission above 1GHz	±4.8 dB	
Occupied Channel Bandwidth	±2 %	
FM deviation	±2 %	
Audio level	±0.98dB	
Low Pass Filter Response	±0.65dB	
Modulation Limiting	0.42 %	
Transient Frequency Behavior	6.8 %	

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Pesting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written exhorization of AGC he test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Page 10 of 47

#### 3.5 LIST OF EQUIPMENTS USED

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESCI	10096	May 15, 2020	May 14, 2021
EXA Signal Analyzer	Aglient	N9020A	W1312-60196	Aug. 21, 2020	Aug. 20, 202
EXA Signal Analyzer	Aglient	N9020A	MY52090123	Sep. 03, 2020	Sep. 02, 202
Horn antenna	SCHWARZBECK	BBHA 9170	#768	Sep.16, 2019	Sep.15, 2021
preamplifier	ChengYi	EMC184045SE	980508	Sep. 23, 2019	Sep. 22, 202
Double-Ridged Waveguide Horn	ETS LINDGREN	3117	00034609	May. 17, 2019	May. 16, 202
Broadband Preamplifier	SCHWARZBECK	BBV 9718	9718-205	Jun. 09, 2020	Jun. 08, 202
HORN ANTENNA	EM	EM-AH-10180		Feb. 26, 2021	Feb. 25, 202
SIGNAL GENERATOR	AGILENT	E4421B	MY43351603	Jun. 08, 2020	Jun. 07, 202
SIGNAL GENERATOR	R&S	SMT03	A0304261	Jun. 09, 2020	Jun. 08, 202
ANTENNA	SCHWARZBECK	VULB9168	VULB9168-494	Jan. 08, 2021	Jan. 07, 2023
ANTENNA	SCHWARZBECK	VULB9168	D69250	Sep. 20, 2019	Sep. 19, 202
Active loop antenna (9K-30MHz)	ZHINAN	ZN30900C	18051	Jun. 11, 2020	Jun. 10, 202
Modulation Domain Analyzer	HP	53310A	3121A02467	Aug. 26, 2020	Aug. 25, 202
Small environmental tester	ESPEC	SH-242	© L	Sep. 03, 2020	Sep. 02, 202
RF Communication Test Set	HP	8920B	z.C	Jun. 09, 2020	Jun. 08, 202
Attenuator	Weinachel Corp	58-30-33	ML030	Oct. 26, 2020	Oct. 25, 202
RF Cable	R&S	1#		Each time	N/A
RF Cable	R&S	2#	- GC	Each time	N/A
Fliter-UHF	Microwave	N25155M2	498705	May 11, 2020	May 10, 202
Fliter-VHF	Microwave	N26460M1	498703	May 11, 2020	May 10, 202

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Pesting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the writter authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Page 11 of 47

#### **4.SYSTEM TEST CONFIGURATION**

#### **4.1 EUT CONFIGURATION**

The EUT configuration for testing is installed on RF field strength measurement to meet the Commission's requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

#### **4.2 EUT EXERCISE**

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

#### **4.3 CONFIGURATION OF TESTED SYSTEM**

Fig. 2-1 Configuration of Tested System



Table 2-1 Equipment Used in Tested System

#### **4.4 EQUIPMENT USED IN TESTED SYSTEM**

The Following Peripheral Devices And Interface Cables Were Connected During The Measurement:

- ☐ Test Accessories Come From The Laboratory
- ☐ Test Accessories Come From The Manufacturer

Item	Equipment	Model No.	Identifier	Note
1	Two-way Radio	BF-888S PLUS	FCC ID: 2AJGMBF888SPLUS	EUT
2	Battery	BL-V1	DC 3.7V 1500mAh	Accessories
3	Back clip	N/A	N/A	Accessories
4	Adapter	BF-Q530-USB	Input: 100-240V, 50/60Hz, 0.2A Output: DC 5V 1A	Accessories

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Bedicated restrou/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc~cert.com.



Page 12 of 47

#### 4.5 SUMMARY OF TEST RESULTS

Item	FCC Rules	Description Of Test	Result
1	FCC 47 CFR PART 90/22	Antenna Equipment	Pass
2	§90.205&22.565& 2.1046	Maximum Transmitter Power	Pass
3	§90.207& 2.1047	Modulation Characteristic	Pass
4	§2.1047&90.242(b)(8)	Audio Low Pass Filter Response	Pass
5	§90.209& 22.359& 2.1049	Occupied Bandwidth	Pass
6	§90.210& 22.359& 2.1049	Emission Mask	Pass
7	§90.213& 22.355& 2.1055	Frequency Tolerance	Pass
8	§90.214	Transmitter Frequency Behavior	Pass
9	§90.210&22.359& 2.1051	Spurious Emission on Antenna Port	Pass
10	§90.210&22.359& 2.1053	Spurious Ratiated Emission	Pass

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Pesting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the writter authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Page 13 of 47

#### **5.DESCRIPTION OF TEST MODES**

The EUT (**Two-way radio**) has been tested under normal operating condition. (The top channel, the middle channel and the bottom channel) are chosen for testing at each channel separation.

NO.	TEST MODE DESCRIPTION	CHANNEL SEPARATION
1	TX Bottom channel-UHF	12.5 kHz
2	TX Middle channel-UHF	12.5 kHz
3	TX Middle channel-UHF	12.5 kHz
4	TX Middle channel-UHF	12.5 kHz
5	TX Top channel-UHF	12.5 kHz

#### Note:

- 1. Only the result of the worst case was recorded in the report, if no other cases.
- 2. The battery is full-charged during the test.
- 3. For Radiated Emission, 3axis were chosen for testing for each applicable mode.
- 4. For Conducted Test method, a temporary antenna connector is provided by the manufacture.
- 5. Manufacturers use computer PC programming software to switch and operate frequency points, refer to the instructions for details

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Pesting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written exporization of AGC, he test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc=cert.com.



Page 14 of 47

#### **6.FREQUENCY TOLERANCE**

#### **6.1 PROVISIONS APPLICABLE**

- a). According to FCC §2.1055, § 22.355 and §90.213, the frequency stability shall be measured with variation of ambient temperature from −30°C to +50°C centigrade.
- b). According to FCC Part 2 Section 2.1055(d)(2), for battery powered equipment, the frequency stability shall be measured with reducing primary supply voltage to the battery operating end point, which is specified by the manufacturer.
- c). According to FCC Part 90 Section 90.213, the frequency tolerance must be maintained within 0.00025% for 12.5 kHz channel separation and 0.0001% for 6.25 kHz channel separation.

#### **6.2 MEASUREMENT PROCEDURE**

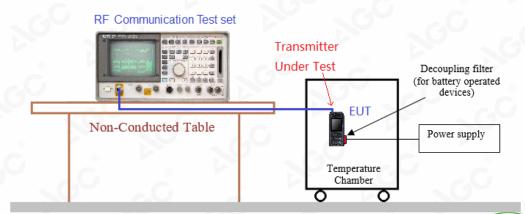
#### 6.2.1 Frequency stability versus environmental temperature

- 1. Setup the configuration per figure 1 for frequencies measurement inside an environment chamber, Install new battery in the EUT.
- Turn on EUT and set SA center frequency to the EUT radiated frequency. Set SA Resolution Bandwidth to 1kHz and Video Resolution Bandwidth to 1kHz and Frequency Span to 50kHz.Record this frequency as reference frequency.
- 3. Set the temperature of chamber to 50°C. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize. While maintaining a constant temperature inside the chamber, turn the EUT on and measure the EUT operating frequency.
- 4. Repeat step 2 with a 10 ℃ decreased per stage until the lowest temperature -30 ℃ is measured, record all measured frequencies on each temperature step.

#### 6.2.2 Frequency stability versus input voltage

- Setup the configuration per figure 1 for frequencies measured at temperature if it is within 15℃ to 25℃.
   Otherwise, an environment chamber set for a temperature of 20℃ shall be used. The EUT shall be powered by DC 7.4V.
- 2. Set SA center frequency to the EUT radiated frequency. Set SA Resolution Bandwidth to 1 kHz and Video Resolution Bandwidth to 1kHz. Record this frequency as reference frequency.
- 3. Supply the EUT primary voltage at the operating end point which is specified by manufacturer and record the frequency.

#### **6.3 MEASUREMENT SETUP**



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the condicated resting/inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Page 15 of 47

#### **6.4 MEASUREMENT RESULTS**

	12.5 kHz Chanr	nel Separation, Ana	log modulation, Assiç	gned Frequency F	or UHF-2W	
Test	conditions	ı	requency error (ppm	1)		
Voltage	Temp		Limit (ppm)	Result		
(V)	(℃)	406.125	453.2125	(PP)		
8	-30	0.575	0.761	0.751		<b>6</b> 0
	-20	0.805	0.887	0.702	®	
	-10	0.777	0.573	0.710	C	0
	0	0.769	0.917	0.715		60
3.70	10	0.590	1.037	0.733	·	
	20	1.053	1.056	1.019	2.5	Pass
	30	0.765	1.098	0.773	- G	0
	40	1.050	0.681	0.866		
100	50	0.977	0.583	0.671	(9)	
4.26	20	0.575	0.761	0.751	- 60	8
3.15	20	0.805	0.887	0.702		

	12.5 kHz Channel Sepa	ration, Analog modulation	on, Assigned Frequency Fo	r UHF-2W	
Tes	et conditions	Frequency	y error (ppm)		
Voltage	Temp	Test Freq	uency (MHz)	Limit (ppm)	Result
(V)	(°C)	458.2125	469.975	(PPIII)	
	-30	0.456	0.857		G
0	-20	0.460	0.886		
- GO	-10	0.554	0.956		
	0	0.875	0.437	- 0	
3.70	10	0.306	0.581		
-,0	20	0.432	0.515	2.5	Pass
	30	0.822	0.970		
8	40	0.877	0.857		
	50	0.987	0.348		
4.26	20	0.456	0.857		
3.15	20	0.460	0.886		

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Pesting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the writter authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc~cert.com.



Page 16 of 47

### 7. EMISSION BANDWIDTH

#### 7.1 PROVISIONS APPLICABLE

FCC Part 90.209 & FCC Part 22.359& FCC Part 2.1049:

The authorized bandwidth shall be 11.25 kHz for 12.5 kHz channel separation and 6 kHz for 6.25 kHz channel separation.

#### 7.2 MEASUREMENT PROCEDURE

1.The EUT was modulated by 2.5kHz sine wave audio signal; the level of the audio signal employed is 16dB greater than that necessary to produce 50% of rated system deviation.

Rated system deviation is 2.5 kHz for 12.5kHz channel spacing).

2. Spectrum set as follow:

Centre frequency = fundamental frequency, span=50kHz for 12.5kHz channel spacing, RBW=100Hz, VBW=300Hz, Sweep = auto,

Detector function = peak, Trace = max hold

- 3.Set 99% Occupied Bandwidth and 26dB Occupied Bandwidth.
- 4. Measure and record the results in the test report.

#### 7.3 MEASUREMENT SETUP



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the condicated restrouting portion of Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc~cert.com.



Page 17 of 47

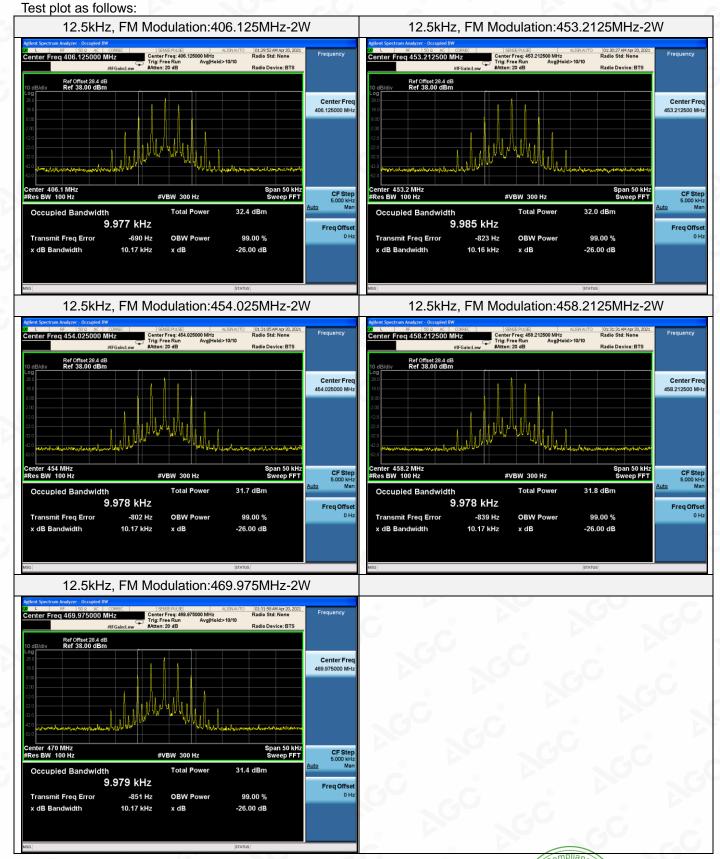
#### 7.4 MEASUREMENT RESULTS

Measurement Result of UHF-Analog Modulation-2W										
Operating Frequency	12.5 kHz Channel Separation									
Operating Frequency	Occupied Bandwidth	Emission Bandwidth	Limits	Result						
406.125 MHz	9.977 kHz	10.17 kHz	11.25 kHz	Pass						
453.2125 MHz	9.985 kHz	10.16 kHz	11.25 kHz	Pass						
454.025 MHz	9.978 kHz	10.17 kHz	11.25 kHz	Pass						
458.2125 MHz	9.978 kHz	10.17 kHz	11.25 kHz	Pass						
469.975 MHz	9.979 kHz	10.17 kHz	11.25 kHz	Pass						

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Pasting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the writter purportation of AGE. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Report No.: AGC02294200401FE10 Page 18 of 47



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Pestud/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Page 19 of 47

#### 8. SPURIOUS RATIATED EMISSION

#### 8.1 PROVISIONS APPLICABLE

According to FCC §2.1053 §22.359 and §90.210, the power of each unwanted emission shall be less than Transmitted Power as specified below for transmitters designed to operate with each channel separation.

Emission Mask D -for 12.5 kHz Channel Separation:

- (1) On any frequency removed from the center of the authorized bandwidth fo to 5.625 kHz removed from fo: Zero dB.
- (2) On any frequency removed from the center of the authorized bandwidth by a displacement Frequency (fd in kHz) fo of more than 5.625 kHz but no more than 12.5 kHz: At least 7.27(fd-2.88 kHz) dB
- (3) On any frequency removed from the center of the authorized bandwidth by a displacement Frequency (fd in kHz)fo of more than 12.5 kHz: At least 50+10 log(P) dB or 70 dB, whichever is lesser attenuation.

According to FCC §22.359:

(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log (P) dB.

#### **8.2 MEASUREMENT PROCEDURE**

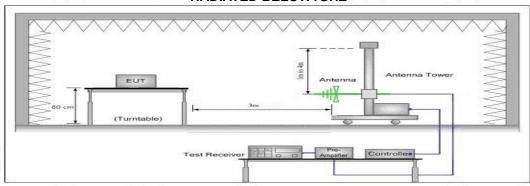
- (1) On a test site, the EUT shall be placed on a turntable, and in the position closest to the normal use as declared by the user.
- (2) The test antenna shall be oriented initially for vertical polarization located 3m from the EUT to correspond to the transmitter.
- (3) The output of the antenna shall be connected to the measuring receiver and either a peak or quasi-peak detector was used for the measurement as indicated on the report. The detector selection is based on how close the emission level was approaching the limit.
- (4) The transmitter shall be switched on; if possible, without the modulation and the measurement receiver shall be tuned to the frequency of the transmitter under test.
- (5) The test antenna shall be raised and lowered through the specified range of height until the measuring receiver detects a maximum signal level.
- (6) The transmitter shall than be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.
- (7) The test antenna shall be raised and lowered again through the specified range of height until the measuring receiver detects a maximum signal level.
- (8) The maximum signal level detected by the measuring receiver shall be noted.
- (9) The measurement shall be repeated with the test antenna set to horizontal polarization.
- (10) Replace the antenna with a proper Antenna (substitution antenna).
- (11) The substitution antenna shall be oriented for vertical polarization and, if necessary, the length of the substitution antenna shall be adjusted to correspond to the frequency of transmitting.
- (12) The substitution antenna shall be connected to a calibrated signal generator.
- (13) If necessary, the input attenuator setting of the measuring receiver shall be adjusted in order to increase the sensitivity of the measuring receiver.
- (14) The test antenna shall be raised and lowered through the specified range of the height to ensure that the maximum signal is received.
- (15) The input signal to substitution antenna shall be adjusted to the level that produces a level detected by the measuring receiver, that is equal to the level noted while the transmitter radiated power was measured, corrected for the change of input attenuation setting of the measuring receiver.
- (16) The input level to the substitution antenna shall be recorded as power level in dBm, corrected for any change of input attenuator setting of the measuring receiver.
- (17) The measurement shall be repeated with the test antenna and the substitution antenna oriented for horizontal polarization.

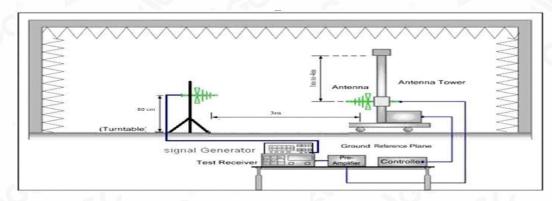
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the content of Bedicated Pesting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc~cert.com.



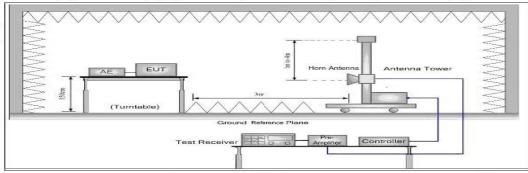
#### **8.3 MEASUREMENT SETUP**

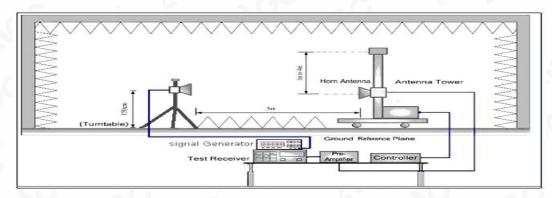
#### **RADIATED BELOW1GHZ**





#### **RADIATED ABOVE 1 GHZ**





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the specificated resting/inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the writter pathorization of AGC, the test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Page 21 of 47

#### **8.4 MEASUREMENT RESULTS**

The RF output of the EUT was connected to a spectrum analyzer through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set at 100 kHz for below 1GHz, and 1MHz for above 1GHz. Sufficient scans were taken to show any out of band emissions up to 10 harmonic.

In the semi-anechoic chamber, setup as illustrated above the DUT placed on the 0.8m height of Turn Table, rotated the table 45 degree each interval to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power for each degree interval. The "Read Value" is the spectrum reading of maximum power value.

The substitution antenna is substituted for DUT at the same position and signals generator (S.G) export the CW signal to the substitution antenna via a TX cable. The receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum radiation power. Record the power level of maximum radiation power from spectrum. So, the Measured substitution value = Ref level of S.G + TX cables loss – Substituted Antenna Gain. EIRP = "Read Value" + Measured substitution value + 2.15.

#### Test limit calculation:

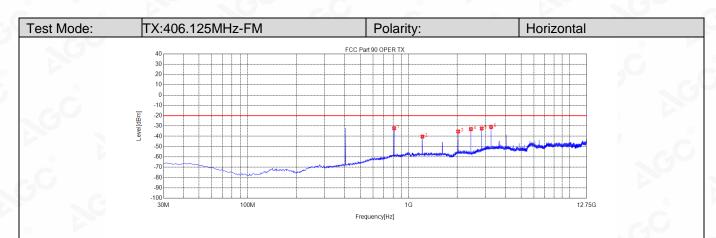
Preliminary calculation	Final Result
At least 50+10 log (P) =50+10log (2) =53.01 (dB)	Limit=P- Preliminary calculation=33.01-53.01=-20 dBm
At least 43+10 log (P) =43+10log (2) =46.01 (dB)	Limit=P- Preliminary calculation=33.01-46.01=-13 dBm

**Note:** In this case, Part 22 (-13 dBm) is less than the limit of Part 90 (-20 dBm), so we do not need to test Part 22, which meets the spurious limits of PART 90+22.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the content of Bedicated Pesting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc~cert.com.

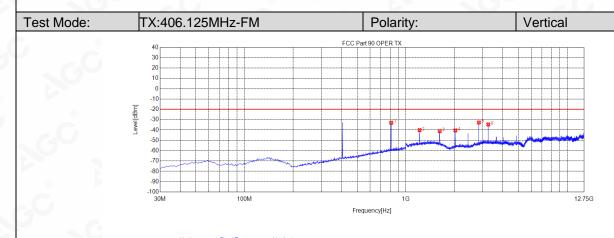


Page 22 of 47



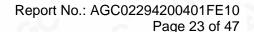
— Limit # Final Test — Horizonta

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	812.7900	-75.50	-32.14	-20.00	12.14	43.36	233	Horizontal
2	1218.5719	-36.52	-40.32	-20.00	20.32	-3.80	45	Horizontal
3	2030.5781	-35.71	-35.30	-20.00	15.30	0.41	337	Horizontal
4	2437.1687	-31.81	-33.00	-20.00	13.00	-1.19	355	Horizontal
5	2842.5843	-34.19	-32.39	-20.00	12.39	1.80	1	Horizontal
6	3249.1749	-34.64	-30.91	-20.00	10.91	3.73	360	Horizontal

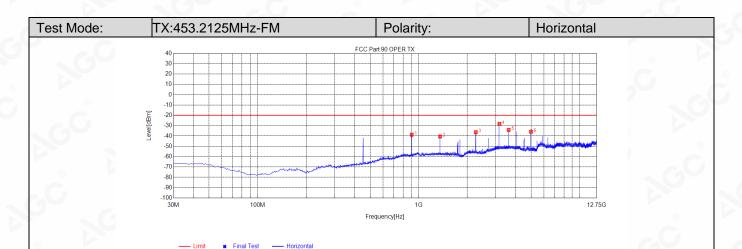


NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	812.7900	-75.47	-32.98	-20.00	12.98	42.49	0	Horizontal
2	1218.5719	-40.46	-40.17	-20.00	20.17	0.29	334	Horizontal
3	1625.1625	-42.81	-41.09	-20.00	21.09	1.72	296	Horizontal
4	2030.5781	-40.73	-40.41	-20.00	20.41	0.32	165	Horizontal
5	2842.5843	-34.61	-32.75	-20.00	12.75	1.86	351	Horizontal
6	3249.1749	-37.80	-34.66	-20.00	14.66	3.14	325	Horizontal

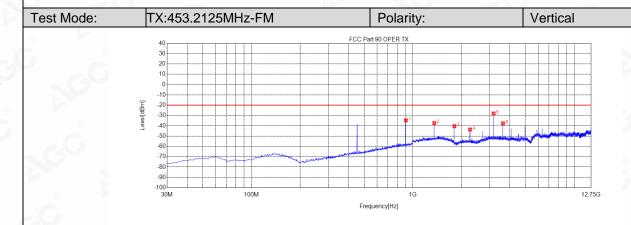
Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the writter application of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.







Level Limit Margin Factor Freq. Reading Angle NO. **Polarity** [MHz] [dBm] [dBm] [dBm] [dB] [dB] [°] 1 906.8800 -81.88 -38.79 -20.00 18.79 43.09 263 Horizontal 2 1359.5860 -36.98 -40.48 -20.00 20.48 -3.50 Horizontal 348 2266.7767 3 -35.79 -36.31 -20.00 16.31 -0.52348 Horizontal 4 3172.7923 -31.83 -28.23 -20.00 3.60 Horizontal 8.23 356 5 3626.3876 -38.43 -34.11 -20.00 14.11 4.32 9 Horizontal 45 6 4985.9986 -39.56 -35.83 -20.00 15.83 3.73 Horizontal

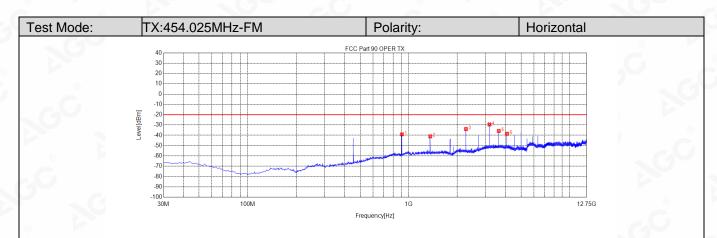


NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	906.8800	-78.06	-34.68	-20.00	14.68	43.38	351	Horizontal
2	1359.5860	-38.56	-37.33	-20.00	17.33	1.23	22	Horizontal
3	1813.1813	-41.42	-40.36	-20.00	20.36	1.06	153	Horizontal
4	2266.7767	-43.19	-43.58	-20.00	23.58	-0.39	172	Horizontal
5	3172.7923	-31.27	-28.11	-20.00	8.11	3.16	343	Horizontal
6	3480.6731	-39.68	-36.61	-20.00	16.61	3.07	343	Horizontal

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Specificated Restriction Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the writter purporization of AGC, the test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

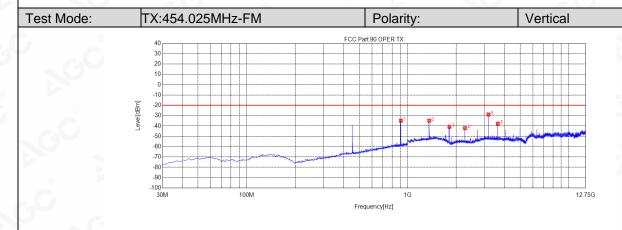


Page 24 of 47



— Limit # Final Test — Horizonta

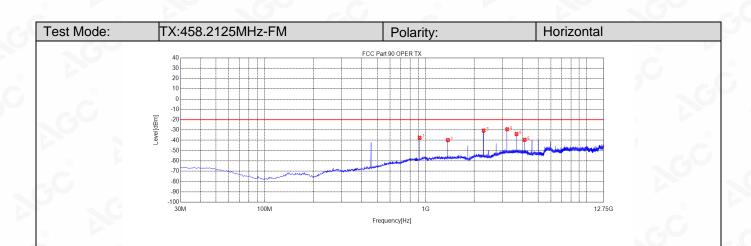
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	908.8200	-82.21	-39.08	-20.00	19.08	43.13	282	Horizontal
2	1361.9362	-37.48	-40.98	-20.00	20.98	-3.50	356	Horizontal
3	2270.3020	-33.38	-33.91	-20.00	13.91	-0.53	319	Horizontal
4	3178.6679	-33.11	-29.50	-20.00	9.50	3.61	348	Horizontal
5	3632.2632	-40.14	-35.81	-20.00	15.81	4.33	9	Horizontal
6	4087.0337	-43.06	-38.53	-20.00	18.53	4.53	338	Horizontal



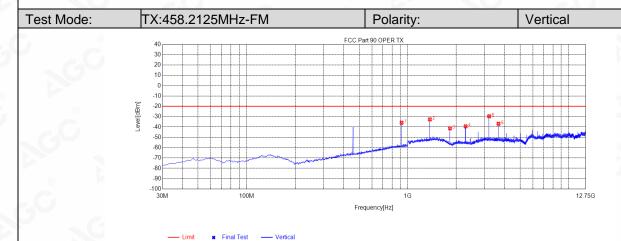
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	908.8200	-78.30	-34.90	-20.00	14.90	43.40	351	Horizontal
2	1361.9362	-36.03	-34.79	-20.00	14.79	1.24	33	Horizontal
3	1816.7067	-41.84	-40.79	-20.00	20.79	1.05	164	Horizontal
4	2270.3020	-41.66	-42.06	-20.00	22.06	-0.40	174	Horizontal
5	3178.6679	-32.01	-28.85	-20.00	8.85	3.16	351	Horizontal
6	3632.2632	-40.88	-37.76	-20.00	17.76	3.12	351	Horizontal

Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written apply only to the test est results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuence of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



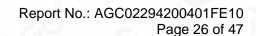


NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	917.5500	-80.85	-37.53	-20.00	17.53	43.32	254	Horizontal
2	1374.8625	-36.33	-39.80	-20.00	19.80	-3.47	189	Horizontal
3	2291.4541	-29.93	-30.55	-20.00	10.55	-0.62	330	Horizontal
4	3208.0458	-32.96	-29.30	-20.00	9.30	3.66	349	Horizontal
5	3666.3416	-38.31	-33.94	-20.00	13.94	4.37	1	Horizontal
6	4124.6375	-43.96	-39.53	-20.00	19.53	4.43	85	Horizontal

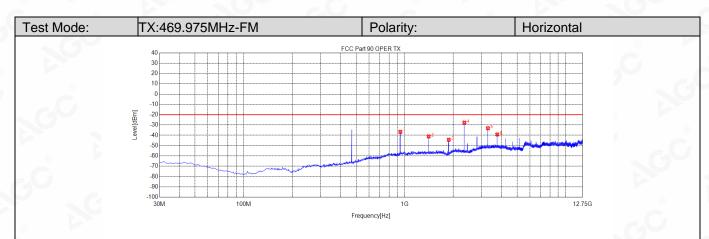


NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	917.5500	-79.32	-35.83	-20.00	15.83	43.49	343	Horizontal
2	1374.8625	-33.94	-32.61	-20.00	12.61	1.33	41	Horizontal
3	1833.1583	-42.27	-41.28	-20.00	21.28	0.99	154	Horizontal
4	2291.4541	-38.87	-39.33	-20.00	19.33	-0.46	13	Horizontal
5	3208.0458	-32.76	-29.61	-20.00	9.61	3.15	343	Horizontal
6	3666.3416	-39.98	-36.84	-20.00	16.84	3.14	343	Horizontal

Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

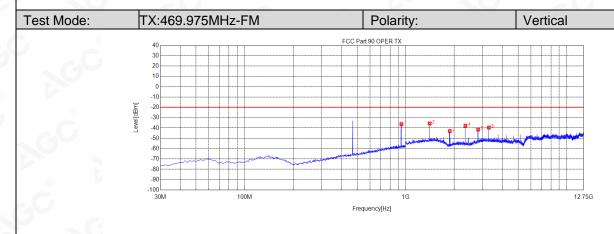






--- Limit # Final Test --- Horizonta

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	940.8300	-80.45	-36.62	-20.00	16.62	43.83	256	Horizontal
2	1410.1160	-37.67	-41.07	-20.00	21.07	-3.40	130	Horizontal
3	1880.1630	-43.94	-44.31	-20.00	24.31	-0.37	360	Horizontal
4	2350.2100	-26.84	-27.69	-20.00	7.69	-0.85	359	Horizontal
5	3290.3040	-36.96	-33.15	-20.00	13.15	3.81	351	Horizontal
6	3760.3510	-43.69	-39.21	-20.00	19.21	4.48	9	Horizontal



NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Angle [°]	Polarity
1	940.8300	-79.92	-36.19	-20.00	16.19	43.73	11	Horizontal
2	1410.1160	-37.15	-35.59	-20.00	15.59	1.56	324	Horizontal
3	1880.1630	-43.83	-43.00	-20.00	23.00	0.83	152	Horizontal
4	2350.2100	-37.14	-37.78	-20.00	17.78	-0.64	333	Horizontal
5	2820.2570	-43.13	-41.47	-20.00	21.47	1.66	350	Horizontal
6	3290.3040	-42.72	-39.60	-20.00	19.60	3.12	238	Horizontal

Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Page 27 of 47

#### **8.5 EMISSION MASK PLOT**

The detailed procedure employed for Emission Mask measurements are specified as following:

- -Connect the equipment as illustrated.
- -Spectrum set as follow:
- Centre frequency = fundamental frequency, Span=50kHz for 12.5kHz and 25kHz channel spacing, RBW=100Hz, VBW=300Hz for 12.5kHz, RBW=300Hz, VBW=1000Hz for 25kHz, Sweep = auto, Detector function = peak, Trace = max hold
- 2. Key the transmitter, and set the level of the unmodulated carrier to a fullscale reference line. This is the 0dB reference for the measurement.
- Modulate the transmitter with a 2500 Hz sine wave at an input level 16 dB greater than that necessary to produce 50% of rated system deviation (Rated system deviation is 2.5 kHz for 12.5kHz channel spacing).
  - The input level shall be established at the frequency of maximum response of the audio modulating circuit.
- 4. Transmitters employing digital modulation techniques that bypass the limiter and the audio low-pass filter shall be modulated as specified by the manufacturer.
- 5. Measure and record the results in the test report.



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Bedicated Residual Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGE, he test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc=cert.com.