

FCC Test Report

Report No.: AGC01284180501FE10

FCC ID : 2AEOCPC202
BRAND NAME : PRESIDENT
MODEL NAME : BILL FCC
CLIENT : President Electronics USA
DATE OF ISSUE : Jul .24, 2018
STANDARD(S) : FCC Part 95D Rules
REPORT VERSION : V 1.4

Attestation of Global Compliance (Shenzhen) Co., Ltd

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Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	May .22, 2018	Invalid	Initial Release
V1.1	1 st	Jul .09, 2018	Invalid	Update the comments.
V1.2	2 nd	Jul .10, 2018	Invalid	Update the comments.
V1.3	3 rd	Jul .11, 2018	Invalid	Update the comments.
V1.4	4 th	Jul .24, 2018	Valid	Update the emission designator.

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VERIFICATION OF COMPLIANCE

Applicant:	President Electronics USA
	1007 Collier Center Way, Naples, Florida 34110, USA
Manufacturer:	GROUPE PRESIDENT ELECTRONICS
	ROUTE DE SETE, BP100 34540 BALARUC-LES-BAINS FRANCE
Product Designation:	CB RADIO
Brand Name:	PRESIDENT
Test Model	BILL FCC
Date of Test:	May .16, 2018 to Jul .09, 2018

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 EIA/TIA-382A, ANSI/TIA 603-E-2016 The sample tested as described in this report is in compliance with the FCC Rules Part 95D requirements

The test results of this report relate only to the tested sample identified in this report.

Tested By

Steven Zhou

Steven Zhou(Zhou Pengyun)

Jul .09, 2018

Approved By

Forrest Lei

Forrest Lei(Lei Yonggang)
Authorized Officer

Jul .24, 2018

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TABLE OF CONTENTS

1. GENERAL INFORMATION	6
1.1 PRODUCT DESCRIPTION	6
1.2 RELATED SUBMITTAL(S) / GRANT (S)	7
1.3 TEST METHODOLOGY.....	8
1.4 TEST FACILITY	8
1.5 SPECIAL ACCESSORIES.....	8
1.6 EQUIPMENT MODIFICATIONS.....	8
2. SYSTEM TEST CONFIGURATION.....	9
2.1 EUT CONFIGURATION	9
2.2 EUT EXERCISE	9
2.4 CONFIGURATION OF TESTED SYSTEM.....	10
3. SUMMARY OF TEST RESULTS.....	10
4. DESCRIPTION OF TEST MODES	12
5. FREQUENCY TOLERANCE	13
5.1 PROVISIONS APPLICABLE	13
5.2 MEASUREMENT PROCEDURE	13
5.3 TEST SETUP BLOCK DIAGRAM	14
5.3 TEST RESULT	15
6. EMISSION BANDWIDTH	16
6.1 PROVISIONS APPLICABLE	16
6.2 MEASUREMENT PROCEDURE	16
6.3 TEST SETUP BLOCK DIAGRAM	16
6.4 MEASUREMENT RESULT.....	17
7. UNWANTED RADIATION.....	19
7.1 PROVISIONS APPLICABLE	19
7.2 MEASUREMENT PROCEDURE	19
7.3 TEST SETUP BLOCK DIAGRAM	20
7.4 MEASUREMENT RESULTS:	21
7.5 EMISSION MASK PLOT	24
8. MAXIMUM TRANSMITTER POWER	26
8.1 PROVISIONS APPLICABLE	26
8.2 TEST PROCEDURE.....	26
8.3 TEST CONFIGURATION.....	26
8.4 LIMIT.....	26

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8.5 TEST RESULT	26
8.6 CONDUCT SPURIOUS PLOT	27
9. MODULATION CHARACTERISTICS	29
9.1 PROVISIONS APPLICABLE	29
9.2 MEASUREMENT METHOD	29
9.3 MEASUREMENT RESULT	30
APPENDIX I: PHOTOGRAPHS OF SETUP	32
APPENDIX II: EXTERNAL VIEW OF EUT	33

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1. GENERAL INFORMATION

1.1 PRODUCT DESCRIPTION

The EUT is a **CB RADIO** designed for voice communication. It is designed by way of utilizing the AM modulation achieves the system operating.

A major technical description of EUT is described as following:

Hardware Version	BILL-FCC-RF-V2
Software Version	V1.0
Modulation	AM
Channel Separation	10KHz
Emission Designator	5k44A3E
Maximum Transmitter Power	3.9W
Number of Channels:	40
Output power Modification	4W (It was fixed by the manufacturer, any individual can't arbitrarily change it.)
Antenna Designation	Detachable
Antenna Gain	0dBi
Power Supply	DC 12V
Limiting Voltage	DC Power Supply (13.8 V)
Operation Frequency Range and Channel	Frequency Range: 26.965 MHz -27.405 MHz
	Bottom Channel: 26.965MHz
	Middle Channel: 27.185MHz
	Top Channel: 27.405MHz
Frequency accuracy	0.001275%

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Channel list:

Carrier frequencies	Channel Number	Carrier frequencies	Channel Number
26,965 MHz	1	27,215 MHz	21
26,975 MHz	2	27,225 MHz	22
26,985 MHz	3	27,235 MHz	24
27,005 MHz	4	27,245 MHz	25
27,015 MHz	5	27,255 MHz	23
27,025 MHz	6	27,265 MHz	26
27,035 MHz	7	27,275 MHz	27
27,055 MHz	8	27,285 MHz	28
27,065 MHz	9	27,295 MHz	29
27,075 MHz	10	27,305 MHz	30
27,085 MHz	11	27,315 MHz	31
27,105 MHz	12	27,325 MHz	32
27,115 MHz	13	27,335 MHz	33
27,125 MHz	14	27,345 MHz	34
27,135 MHz	15	27,355 MHz	35
27,155 MHz	16	27,365 MHz	36
27,165 MHz	17	27,375 MHz	37
27,175 MHz	18	27,385 MHz	38
27,185 MHz	19	27,395 MHz	39
27,205 MHz	20	27,405 MHz	40

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1.2 RELATED SUBMITTAL(S) / GRANT (S)

This submittal(s) (test report) is intended for FCC ID: 2AE0CPC202.

1.3 TEST METHODOLOGY.

The radiated emission testing was performed according to the procedures of EIA/TIA-382A.

1.4 TEST FACILITY

Test Site	Attestation of Global Compliance (Shenzhen) Co., Ltd
Location	1-2F., Bldg.2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Bao'an District B112-B113, Bldg.12, Baoan Bldg Materials Center, No.1 of Xixiang Inner Ring Road, Baoan District, Shenzhen 518012
NVLAP LAB CODE	600153-0
Designation Number	CN5028
FCC Test Firm Registration Number	682566
Description	Attestation of Global Compliance(Shenzhen) Co., Ltd is accredited by National Voluntary Laboratory Accreditation program, NVLAP Code 600153-0

1.5 SPECIAL ACCESSORIES

Not available for this EUT intended for grant.

1.6 EQUIPMENT MODIFICATIONS

Not available for this EUT intended for grant.

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2. SYSTEM TEST CONFIGURATION

2.1 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.

2.2 EUT EXERCISE

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

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2.4 CONFIGURATION OF TESTED SYSTEM

Fig. 2-1 Configuration of Tested System



Table 2-1 Equipment Used in Tested System

Item	Equipment	Model No.	Identifier	Note
1	CB RADIO	BILL FCC	FCC ID: 2AEOCPC202	EUT

3. SUMMARY OF TEST RESULTS

FCC Rules	Description Of Test	Result
95.967	Conducted Power	Compliant
95.975	Modulation Limits	Compliant
95.975	Audio Frequency Response	Compliant
95.973	Occupied Bandwidth	Compliant
95.979	Emission Mask	Compliant
95.965	Frequency Stability	Compliant
95.979	Radiated Spurious Emission	Compliant
95.979	Conducted TX Spurious Emissions	Compliant
95.979	Spurious Emission On Antenna Port	Compliant

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LIST OF EQUIPMENTS USED

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESCI	10096	Jun.20, 2017	Jun.19, 2018
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Dec.08, 2017	Dec.07, 2018
Horn antenna	SCHWARZBECK	BBHA 9170	#768	Sep.20, 2017	Sep.19, 2018
preamplifier	ChengYi	EMC184045SE	980508	Sep.15, 2017	Sep.14, 2018
Double-Ridged Waveguide Horn	ETS LINDGREN	3117	00034609	May 18, 2017	May 17, 2019
Broadband Preamplifier	SCHWARZBECK	BBV 9718	9718-205	Jun.20, 2017	Jun.19, 2018
HORN ANTENNA	EM	EM-AH-10180	/	Mar.01, 2018	Feb.29, 2020
ANTENNA	SCHWARZBECK	VULB9168	VULB9168-494	Mar.01, 2018	Feb.29, 2020
ANTENNA	SCHWARZBECK	VULB9168	D69250	Sep.28, 2017	Sep.27, 2018
Small environmental tester	ESPEC	SH-242	--	Mar.02, 2018	Mar. 01, 2019
RF Communication Test Set	HP	HP8920B	--	Jun. 20, 2017	Jun. 19, 2018
POWER ATTENUATOR	WEINSCHL CORP	58-30-33	ML030	Jun. 20, 2017	Jun. 19, 2018
SIGNAL GENERATOR	Aglient	E4421B	MY43351603	Jun. 12, 2018	Jun. 11, 2019
Loop Antenna	HENGWEIYI,BJ	39501C	--	Jun. 20, 2017	Jun. 19, 2018
Loop Antenna	A.H.Systems,Inc	SAS-562B	--	Mar.01, 2018	Feb.28, 2019

Note: 8920B can generate audio modulation frequency.

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4. DESCRIPTION OF TEST MODES

RF TEST MODES

The EUT (CB 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 MODES	CHANNEL SEPARATION
1	Low Channel	10 KHz
2	Middle Channel	10 KHz
3	High Channel	10 KHz

Note: Only the result of the worst case was recorded in the report.

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5. FREQUENCY ACCURACY

5.1 PROVISIONS APPLICABLE

Normative Reference: FCC 47 CFR §2.1055, §95.965

- According to FCC Part 2 Section 2.1055(a)(1), the frequency stability shall be measured with variation of ambient temperature from -30°C to $+50^{\circ}\text{C}$ centigrade.
- 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.

5.2 MEASUREMENT PROCEDURE

5.2.1 Frequency stability versus environmental temperature

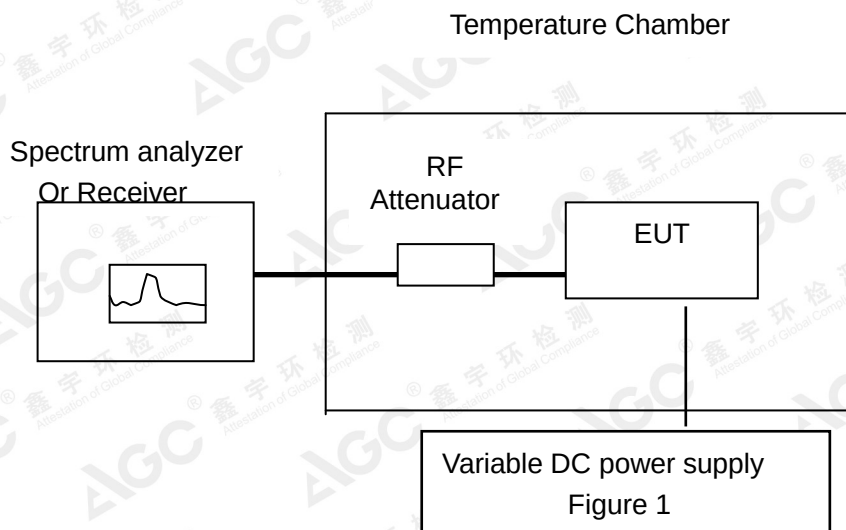
- Setup the configuration per figure 1 for frequencies measurement inside an environment chamber, Install new battery in the EUT.
- Turn on EUT and set SA center frequency to the EUT radiated frequency. Set SA Resolution Bandwidth to 1KHz and Video Resolution Bandwidth to 1KHz and Frequency Span to 50KHz. Record this frequency as reference frequency.
- 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.
- Repeat step 2 with a 10°C decreased per stage until the lowest temperature -30°C is measured, record all measured frequencies on each temperature step.

5.2.2 Frequency stability versus input voltage

- Setup the configuration per figure 1 for frequencies measured at temperature if it is within 15°C to 25°C . Otherwise, an environment chamber set for a temperature of 20°C shall be used. The EUT shall be powered by DC 12V.
- 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.
- Supply the EUT primary voltage at the operating end point which is specified by manufacturer and record the frequency.

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5.3 TEST SETUP BLOCK DIAGRAM



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TEST RESULT

(1) Frequency stability versus input voltage (Supply nominal voltage is 13.8V)

Environment Temperature(°C)	Power	Reference Frequency			Limit:
	(V)	26.965MHz	27.185MHz	27.405MHz	
50	DC 13.8	0.000715%	0.000652%	0.000454%	0.005%
40	DC 13.8	0.000686%	0.000649%	0.000879%	
30	DC 13.8	0.000529%	0.000536%	0.000723%	
20	DC 13.8	0.000851%	0.001275%	0.000662%	
10	DC 13.8	0.000763%	0.000449%	0.000715%	
0	DC 13.8	0.000727%	0.000586%	0.001086%	
-10	DC 13.8	0.000826%	0.000726%	0.000515%	
-20	DC 13.8	0.000886%	0.000861%	0.000781%	
-30	DC 13.8	0.000692%	0.000575%	0.000563%	
Result	Pass				

(2) Frequency stability result

Environment Temperature(℃)	Power	Reference Frequency			Limit:
	(V)	26.965MHz	27.185MHz	27.405MHz	
25	DC 11.7	0.000815%	0.000651%	0.000926%	0.005%
25	DC 13.8	0.000862%	0.000964%	0.000869%	
25	DC 15.9	0.000922%	0.000792%	0.000905%	
Result	Pass				

DC Power :11.7(85%) - 13.8 - 15.9(115%)

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6. EMISSION BANDWIDTH

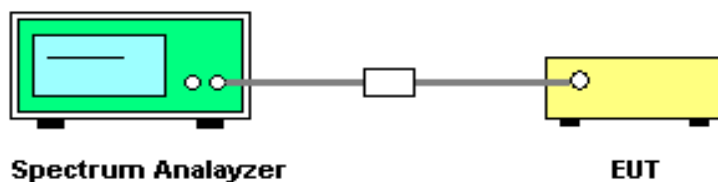
6.1 PROVISIONS APPLICABLE

Occupied Bandwidth: The EUT was connected to the audio signal generator and the spectrum analyzer via the main RF connector, and through an appropriate attenuator. The EUT was controlled to transmit its maximum power. Then the bandwidth of 99% power can be measured by the spectrum analyzer.

6.2 MEASUREMENT PROCEDURE

- 2). The EUT was modulated by 2.5 KHz Sine wave audio signal, The level of the audio signal employed is 16 dB greater than that necessary to produce 50% of rated system deviation.
- 3). Set SPA Center Frequency = fundamental frequency, RBW=300Hz.VBW= 1 KHz, Span =30 KHz.
- 4). Set SPA Max hold. Mark peak, -99% bandwidth。 .

6.3 TEST SETUP BLOCK DIAGRAM

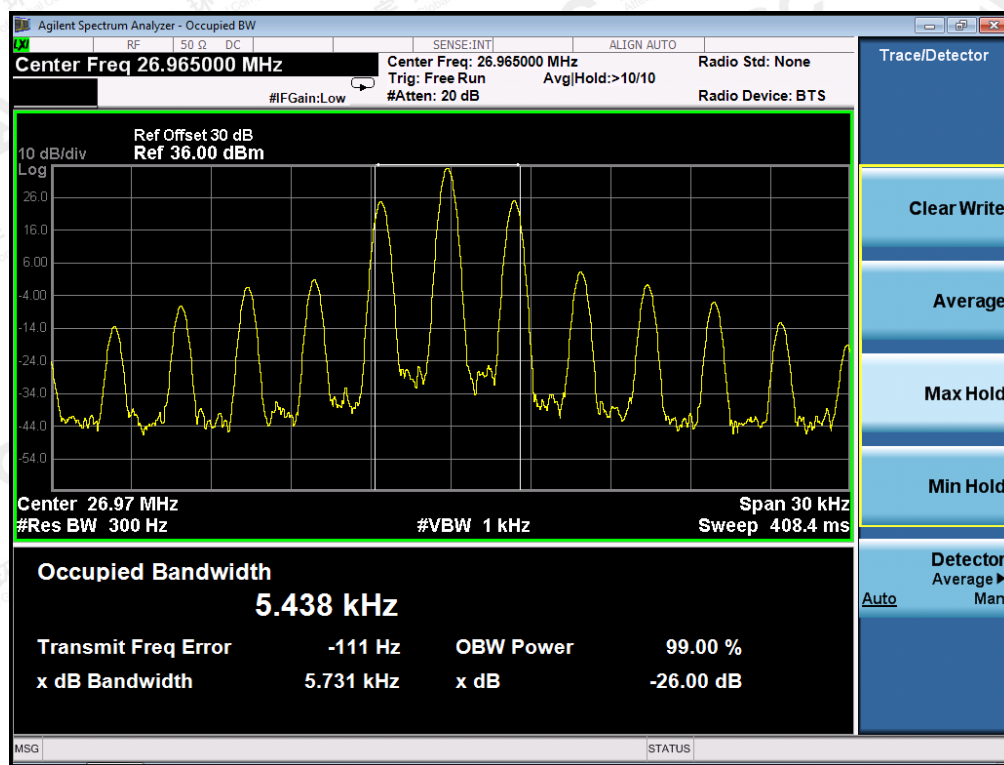


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6.4 MEASUREMENT RESULT

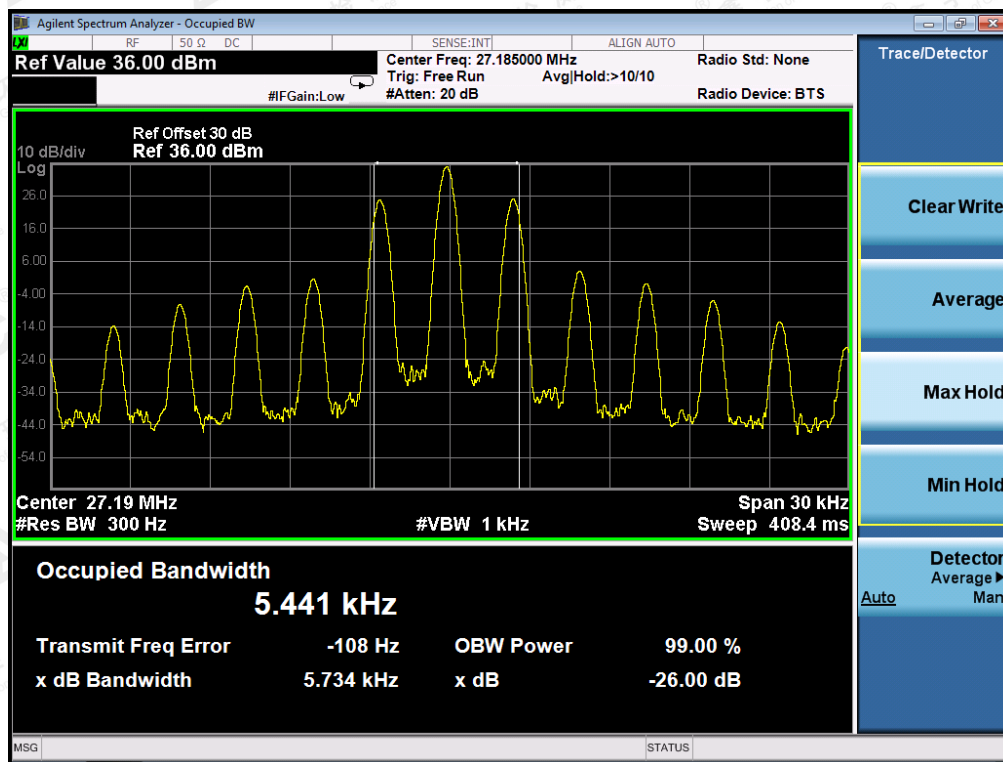
99% Bandwidth Measurement Result			
Operating Frequency	10 KHz Channel Separation		
	Test Data	Limits	Result
26.965MHz	5.438KHz	8 KHz	Pass
27.185MHz	5.441KHz	8 KHz	Pass
27.405MHz	5.437KHz	8 KHz	Pass

Occupied bandwidth of Bottom Channel (Maximum)

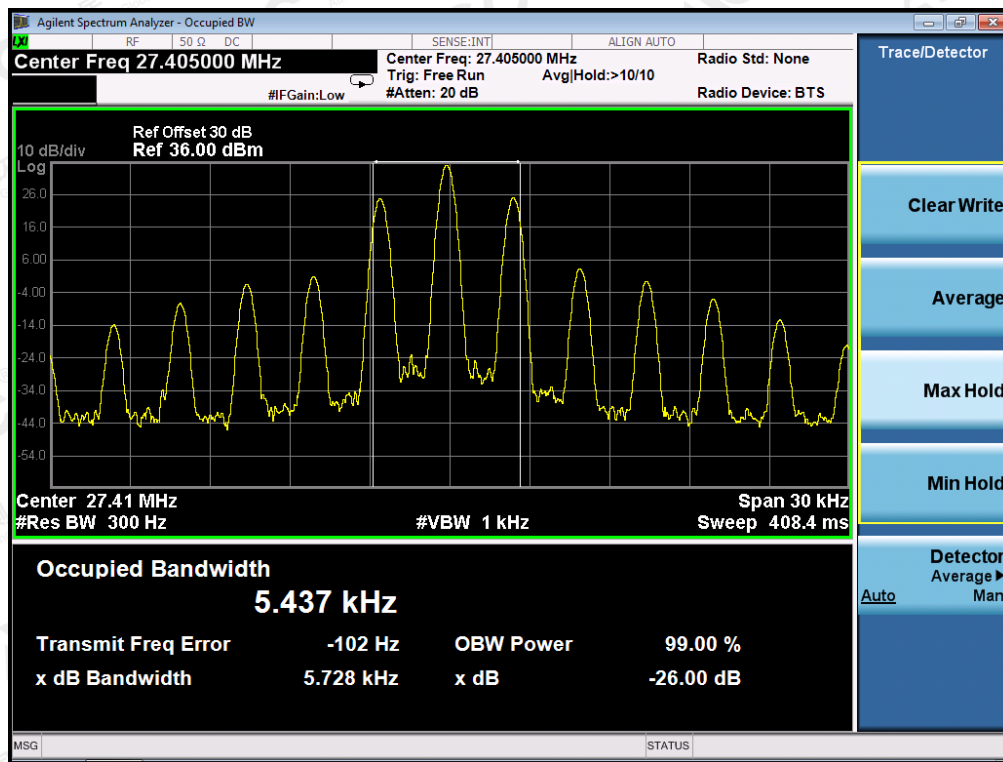


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Occupied bandwidth of Middle Channel (Maximum)



Occupied bandwidth of Top Channel (Maximum)



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7. UNWANTED RADIATION

7.1 PROVISIONS APPLICABLE

For transmitters designed to operate with a 10 kHz channel bandwidth, any emission must be attenuated below the power (P) of the highest emission contained within the authorized bandwidth as follows:

At least 25 dB on any frequency removed from the center of the authorized bandwidth by more than 50% up to and including 100% of the authorized bandwidth.

At least 35 dB on any frequency removed from the center of the authorized bandwidth by more than 100% up to and including 250% of the authorized bandwidth.

At least $53 + 10 \log_{10}(P)$ dB on any frequency removed from the center of the authorized bandwidth by more than 250%.

7.2 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 then 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.

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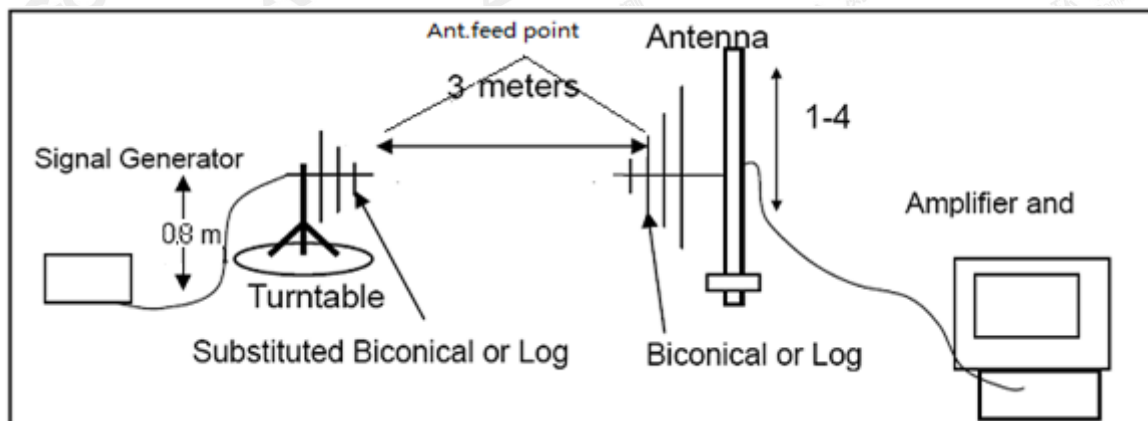
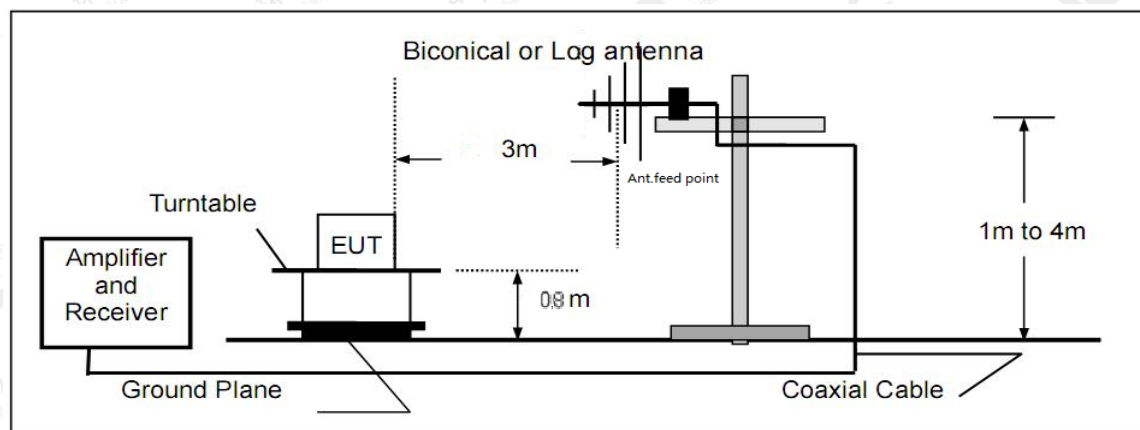
(15) The input signal to substitution antenna shall be adjusted to the level that produces a level detected by the measuring receiver, that is equal to the level noted while the transmitter radiated power was measured, corrected for the change of input attenuation setting of the measuring receiver.

(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.

7.3 TEST SETUP BLOCK DIAGRAM

SUBSTITUTION METHOD: (Radiated Emissions)



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7.4 MEASUREMENT RESULTS:

Measurement Result for 10 KHz Channel Separation

On any frequency removed from the center of the authorized bandwidth by a displacement

Frequency (fd in KHz) for of more than 10 KHz: 60 dB in any frequency band centered on a harmonic (i.e., an integer multiple of two or more times) of the carrier frequency.

Measurement Result for 10 KHz Channel Separation @ 26.965MHz

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result Below carrier(dBc)	Limit below carrier(dBc)	Result(P/F)
26.965	H	0		pass
53.930	H	68.51	60	pass
80.90	H	69.38	60	pass
107.860	H	71.76	60	pass
134.825	H	72.27	60	pass
161.790	H	73.39	60	pass
188.755	H	74.88	60	pass
215.720	H	76.52	60	pass
242.685	H	78.61	60	pass
269.650	H	79.74	60	pass

Emission Frequency (MHz)	Ant. Polarity(H/H)	Measurement Result Below carrier(dBc)	Limit below carrier(dBc)	Result(P/F)
26.965	V	0		pass
53.930	V	69.63	60	pass
80.90	V	70.51	60	pass
107.860	V	70.83	60	pass
134.825	V	72.47	60	pass
161.790	V	73.25	60	pass
188.755	V	75.37	60	pass
215.720	V	76.21	60	pass
242.685	V	77.79	60	pass
269.650	V	79.48	60	pass

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Measurement Result for 10 KHz Channel Separation @ 27.185MHz

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result Below carrier(dBc)	Limit below carrier(dBc)	Result(P/F)
27.185	H	0		pass
54.370	H	68.11	60	pass
81.555	H	70.47	60	pass
108.740	H	73.38	60	pass
135.925	H	72.96	60	pass
163.110	H	75.41	60	pass
190.295	H	77.58	60	pass
217.480	H	76.63	60	pass
244.665	H	75.89	60	pass
271.850	H	77.24	60	pass

Emission Frequency (MHz)	Ant. Polarity(H/H)	Measurement Result Below carrier(dBc)	Limit below carrier(dBc)	Result(P/F)
27.185	V	0		pass
54.370	V	67.45	60	pass
81.555	V	69.21	60	pass
108.740	V	70.53	60	pass
135.925	V	73.74	60	pass
163.110	V	76.43	60	pass
190.295	V	76.82	60	pass
217.480	V	75.71	60	pass
244.665	V	78.53	60	pass
271.850	V	77.64	60	pass

Measurement Result for 10 KHz Channel Separation @ 27.405MHz

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result Below carrier(dBc)	Limit below carrier(dBc)	Result(P/F)
27.405	H	0		pass
54.810	H	67.24	60	pass
82.215	H	68.34	60	pass
109.620	H	71.71	60	pass
137.025	H	75.68	60	pass
164.430	H	75.51	60	pass
191.835	H	76.74	60	pass
219.240	H	75.26	60	pass
246.645	H	76.38	60	pass
274.050	H	79.74	60	pass

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Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result Below carrier(dBc)	Limit below carrier(dBc)	Result(P/F)
27.405	V	0		pass
54.810	V	69.36	60	pass
82.215	V	70.75	60	pass
109.620	V	73.62	60	pass
137.025	V	74.14	60	pass
164.430	V	75.58	60	pass
191.835	V	76.73	60	pass
219.240	V	78.46	60	pass
246.645	V	79.76	60	pass
274.050	V	78.57	60	pass

- Note:** 1. Emissions range below 30MHz have 20dB margin. No recording in the test report.
 2. In the actual test, both the test mode with the Walkie-talkie headphones and without the Walkie-talkie headphones has been tested, but only the worst case(without the Walkie-talkie headphones) has been recorded.

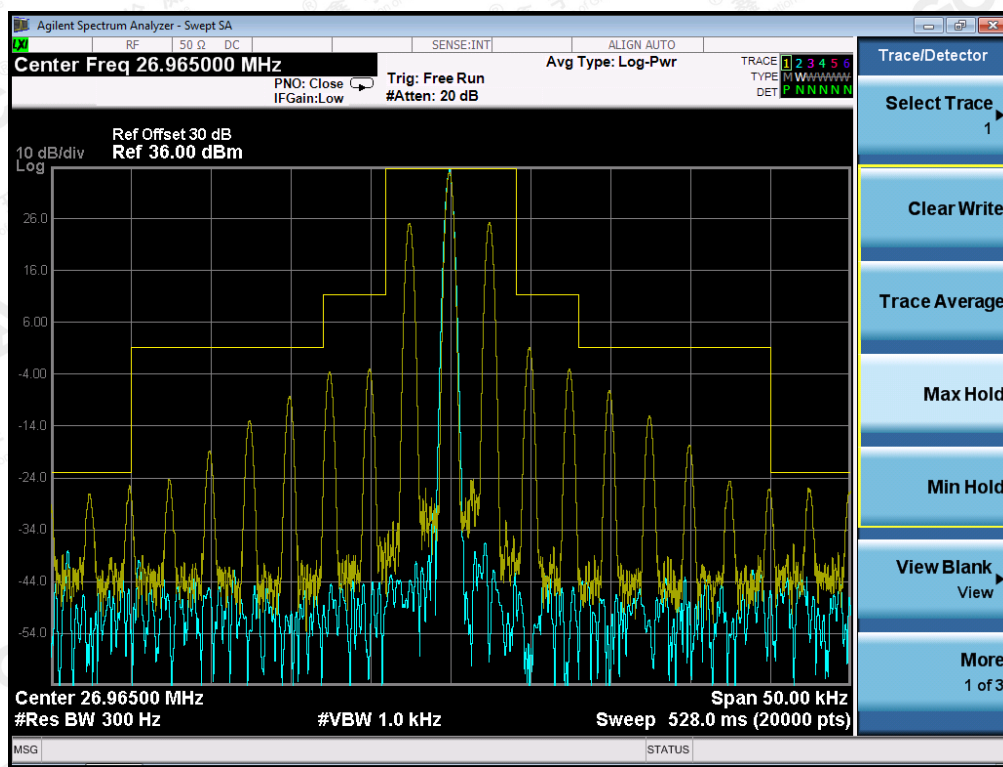
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7.5 EMISSION MASK PLOT

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

- The transmitter shall be AM modulated by a 2.5 kHz audio signal,
- The level of the audio signal employed is 16 dB greater than that necessary to produce 50% of rated system deviation.

The Worst Emission Mask for 10 KHz bottom channel Separation



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Agilent Spectrum Analyzer - Swept SA

RF 50 Ω DC SENSE:INT ALIGN AUTO

Center Freq 27.185000 MHz Avg Type: Log-Pwr

PNO: Close Trig: Free Run
IFGain:Low #Atten: 20 dB

TRACE 1 2 3 4 5 6
TYPE M W W W W W
DET P N N N N N

Ref Offset 30 dB
Ref 36.00 dBm

10 dB/div
Log

Center 27.185000 MHz Span 50.00 kHz
#Res BW 300 Hz #VBW 1.0 kHz Sweep 528.0 ms (20000 pts)

Agilent Spectrum Analyzer - Swept SA

RF 50 Ω DC SENSE:INT ALIGN AUTO

Ref Value 36.00 dBm

PNO: Close IFGain: Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr

TRACE 1 TYPE M DET P

10 dB/div Log

Ref Offset 30 dB Ref 36.00 dBm

Center 27.40500 MHz Span 50.00 kHz

#Res BW 300 Hz #VBW 1.0 kHz Sweep 528.0 ms (20000 pts)

MSG STATUS

Trace/Detector

Select Trace

Clear Write

Trace Average

Max Hold

Min Hold

View Blank View

More 1 of 3

Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com 400 089 2118
Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China

8. MAXIMUM TRANSMITTER POWER

8.1 PROVISIONS APPLICABLE

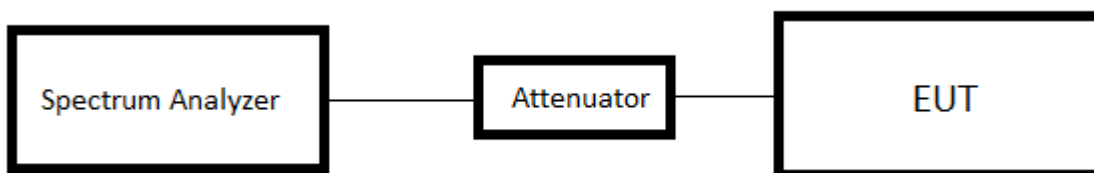
Refer to FCC 47 CFR §2.1046, §95D.

8.2 TEST PROCEDURE

The RF output of CB RADIO was conducted to a spectrum analyzer through an appropriate attenuator.

8.3 TEST CONFIGURATION

Conducted Output Power:



8.4 LIMIT

Limits	
§95.967	4W

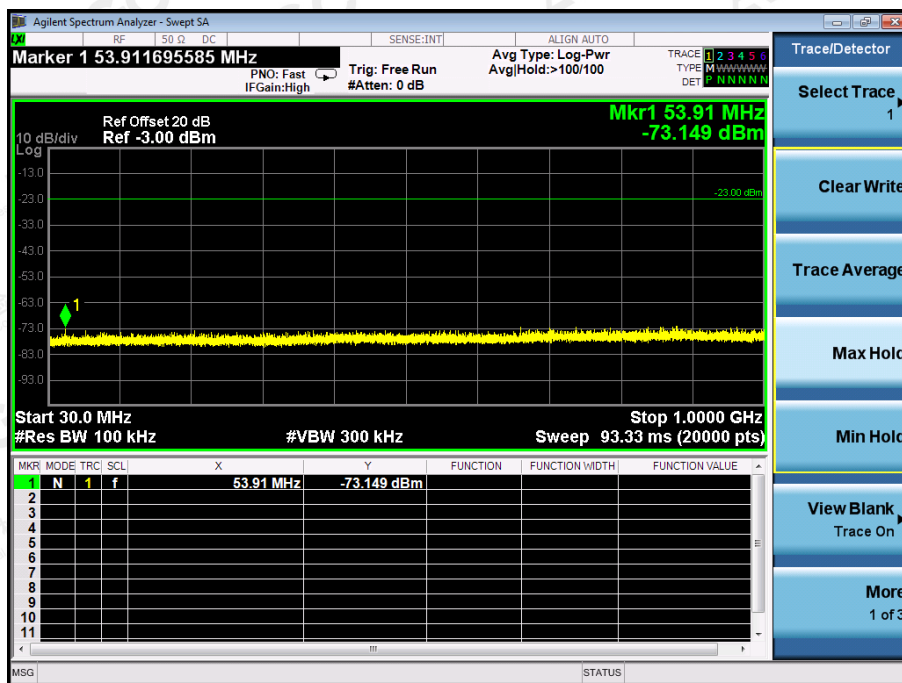
8.5 TEST RESULT

Conducted Power Measurement Results		
Channel Separation	Channel	Measurement Result (W)
		For (4W)
10 KHz	Bottom(26.965MHz)	3.85
	Middle(27.185MHz)	3.87
	Top (27.405MHz)	3.90

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8.6 CONDUCT SPURIOUS PLOT

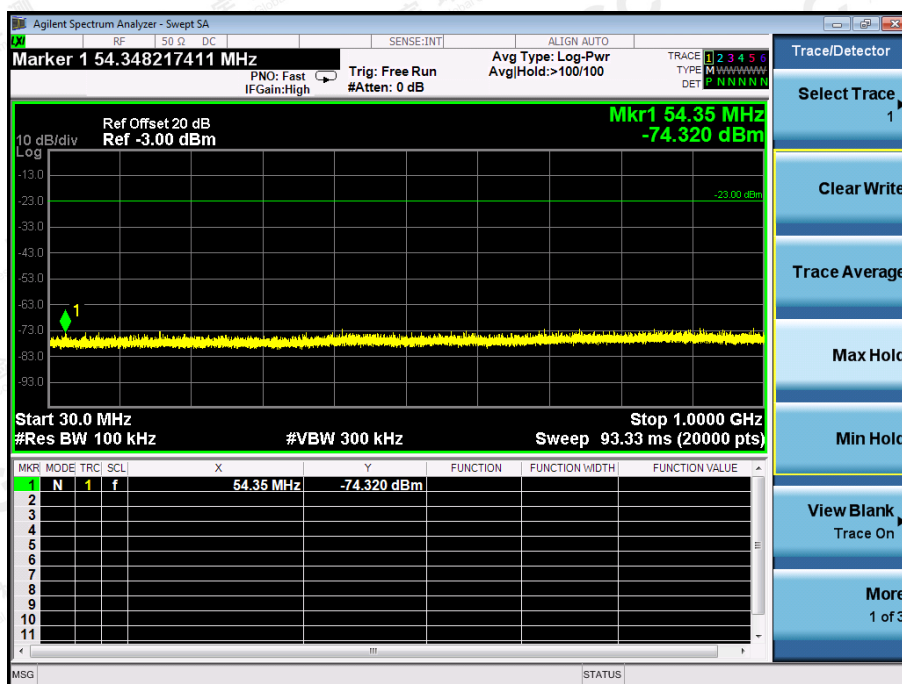
Conducted Spurious Emission (worst) @26.965 MHz With 10 KHz Channel Separation 20MHz-1GHz



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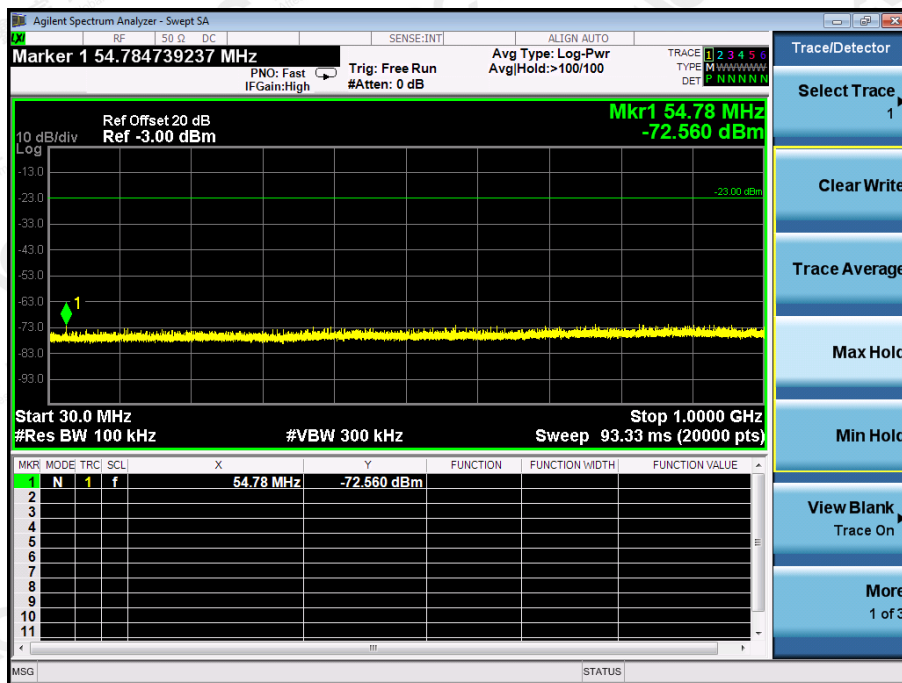
Conducted Spurious Emission (worst) @27.185 MHz With 10 KHz Channel Separation

20MHz-1GHz



Conduct Spurious Emission (worst) @ 27.405 MHz With 10 KHz Channel Separation

20GHz-1GHz



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9. MODULATION CHARACTERISTICS

9.1 PROVISIONS APPLICABLE

Normative Reference: FCC 47 CFR §2.1047, Part 95D, 95.975.

According to CFR 47 section 2.1047(a), for Voice Modulation Communication Equipment, the frequency response of the audio modulation circuit over a range of 100 to 5000Hz shall be measured.

9.2 MEASUREMENT METHOD

9.2.1 Modulation Limit

- (1). Configure the EUT as shown in figure 1, adjust the audio input for 60% of rated system deviation at 1KHz using this level as a reference (0dB) and vary the input level from -20 to +20dB. Record the frequency deviation obtained as a function of the input level.
- (2). Repeat step 1 with input frequency changing to 300, 600, 1000 and 2500Hz in sequence.

9.2.2 Audio Frequency Response

Voice modulated communication equipment. A curve or equivalent data showing the frequency response of the audio modulating circuit over a range of 100 to 5000 Hz shall be submitted.

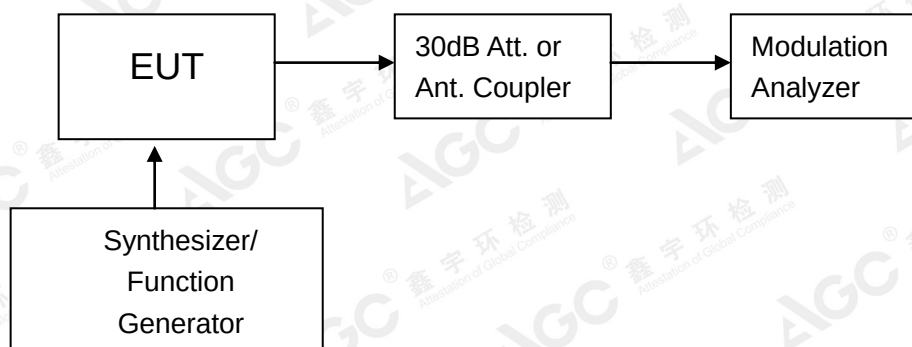


Figure 1: Modulation characteristic measurement configuration

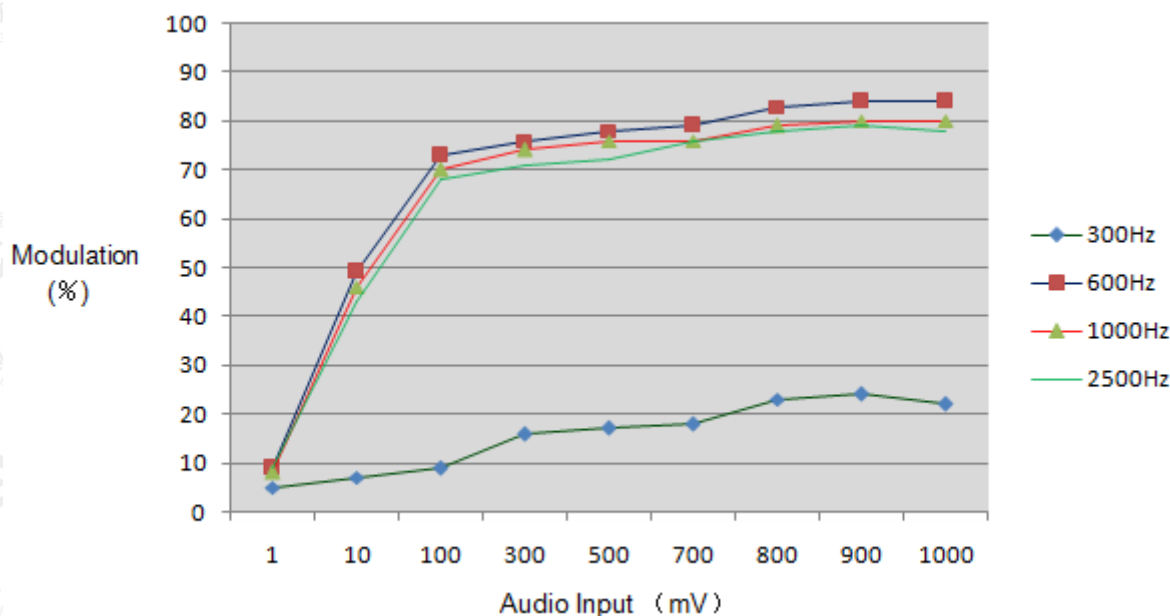
9.3 MEASUREMENT RESULT

TEST RESULTS

(A). MODULATION LIMIT

Bottom Channel @ 10 KHz Channel Separations

Modulation Level (mV)	Freq. At 300 Hz	Freq. At 600 Hz	Freq. At 1000 Hz	Freq. At 2500 Hz
1	5	9	8	9
10	7	49	46	43
100	9	73	70	68
300	16	76	74	71
500	17	78	76	72
700	18	79	76	76
800	23	83	79	78
900	24	84	80	79
1000	22	84	80	78



Note: All the modes had been tested, but only the worst data recorded in the report.

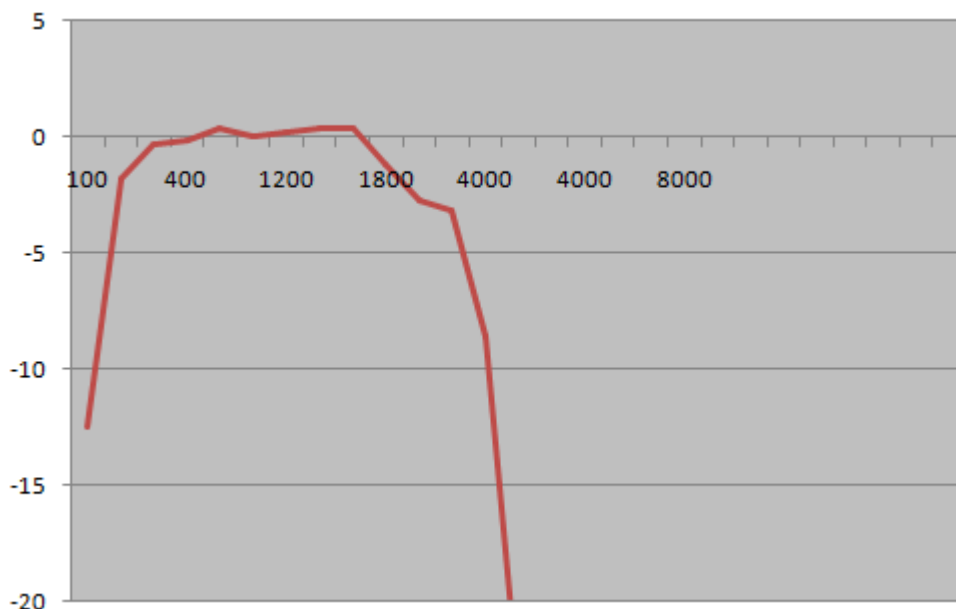
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(B). AUDIO FREQUENCY RESPONSE:

Bottom Channel @10KHz Channel Separations

Frequency (Hz)	Audio Frequency Response(dB)	
	(mV)	(dB)
100	20.2	-12.48
200	5.9	-1.79
300	5.0	-0.35
400	4.9	-0.18
800	4.6	0.37
1000	4.8	0.00
1200	4.7	0.18
1400	4.6	0.37
1600	4.6	0.37
1800	5.5	-1.18
2000	6.6	-2.77
3000	6.9	-3.15
4000	12.9	-8.59
6000	71.5	-23.46

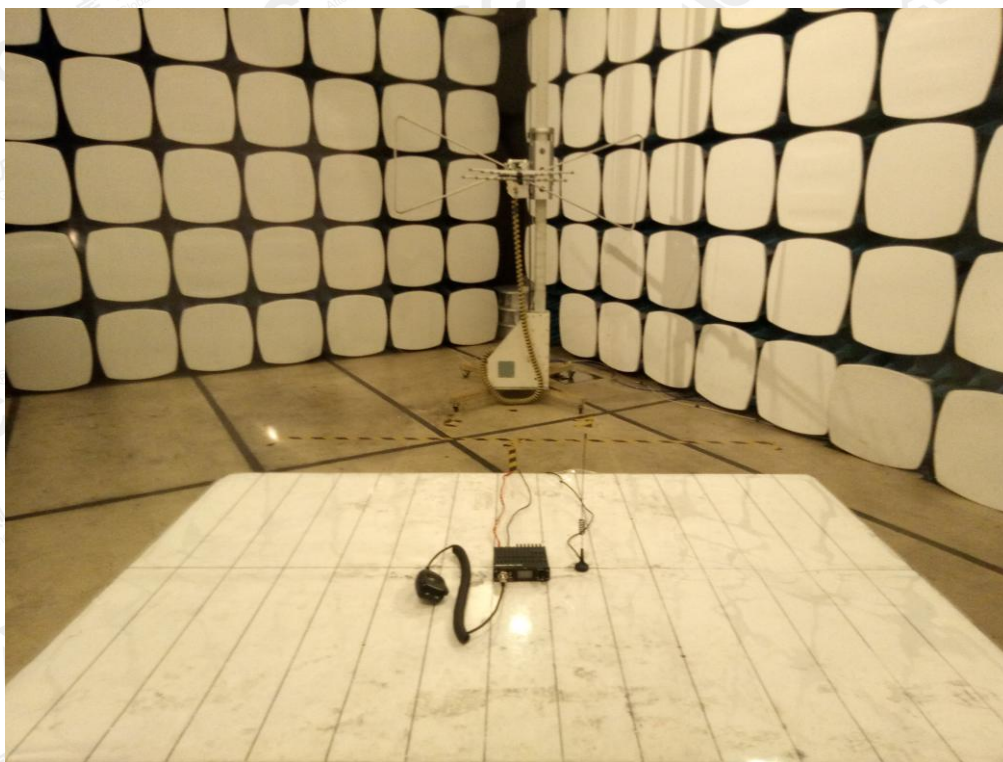
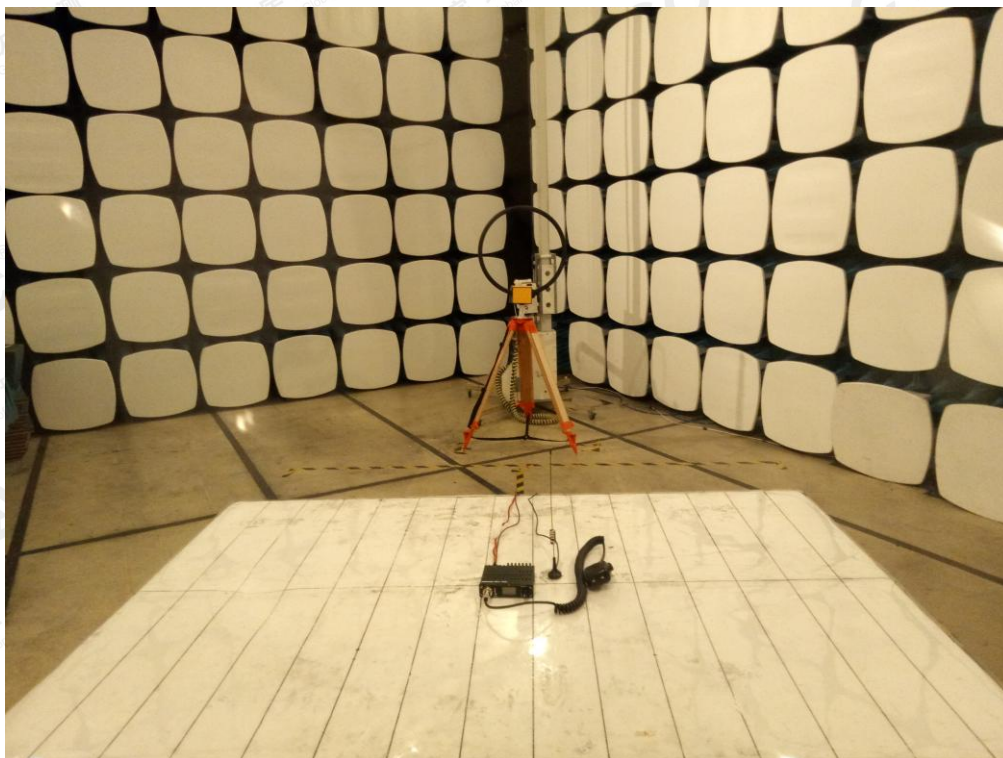
Audio Frequency Response@50%MI



Note: All the modes had been tested, but only the worst data recorded in the report.

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APPENDIX I: PHOTOGRAPHS OF SETUP
RADIATED EMISSION TEST SETUP



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APPENDIX II: EXTERNAL VIEW OF EUT
TOTAL VIEW OF EUT



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Part 1
TOP VIEW OF EUT



BOTTOM VIEW OF EUT

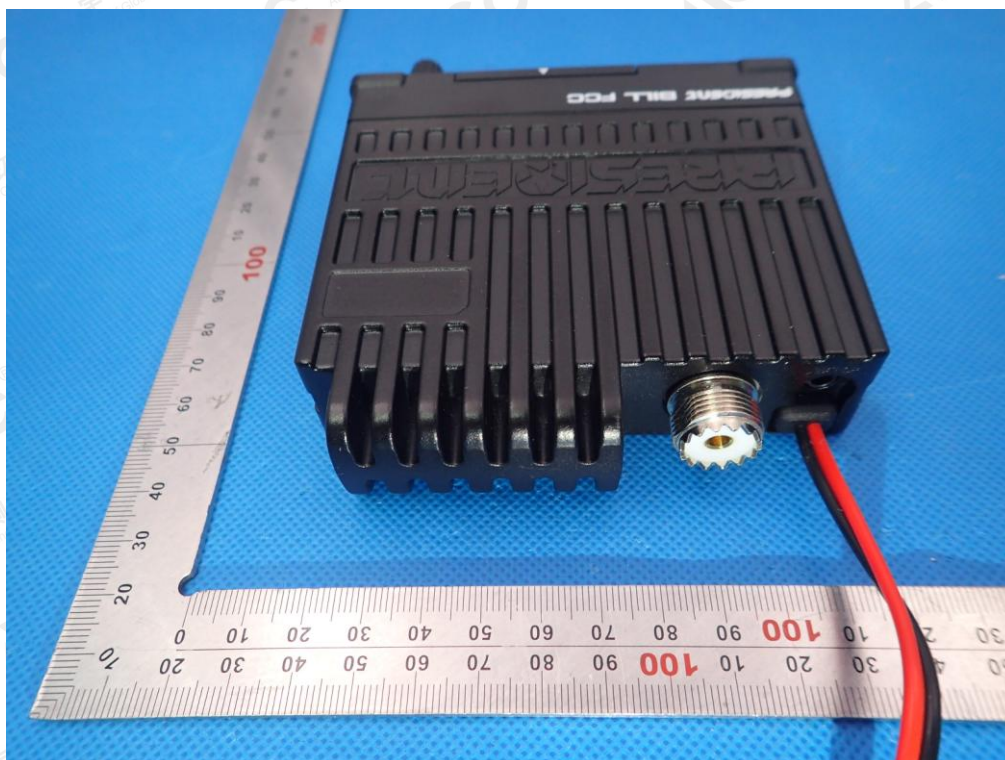


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FRONT VIEW OF EUT



BACK VIEW OF EUT



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LEFT VIEW OF EUT

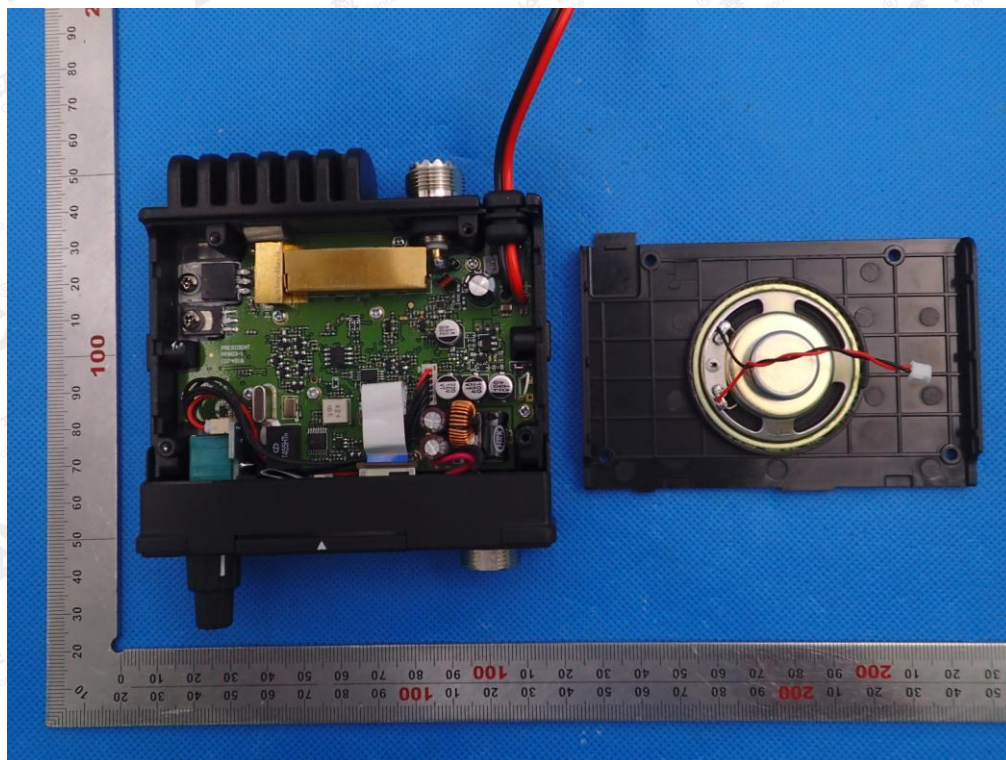


RIGHT VIEW OF EUT

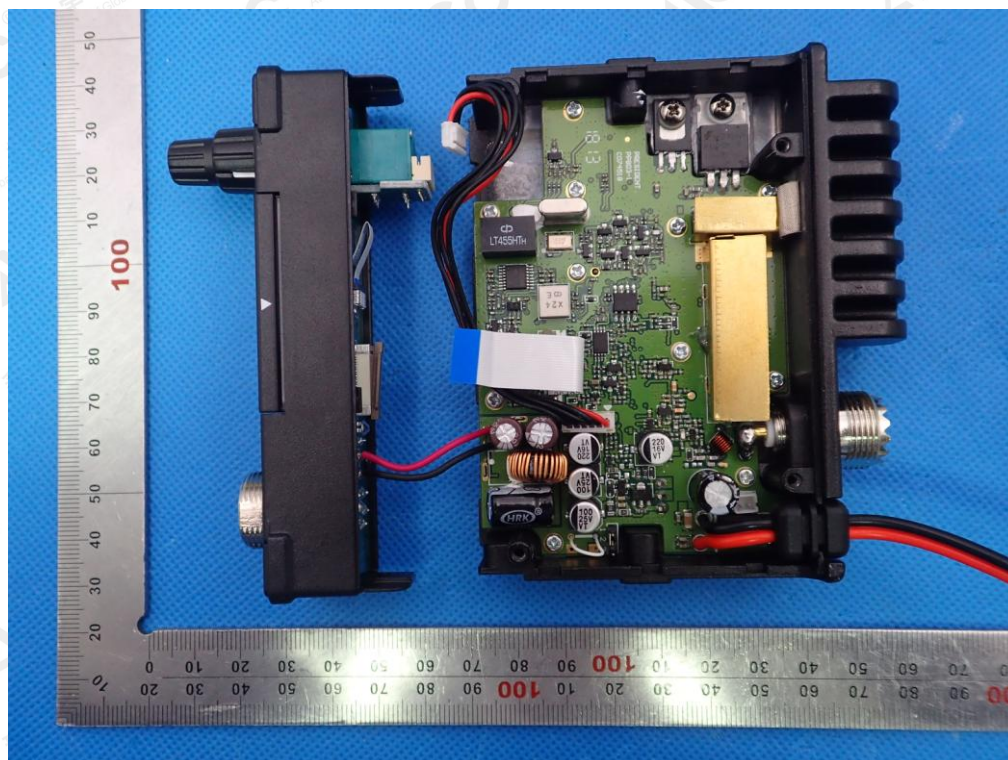


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OPEN VIEW-1 OF EUT

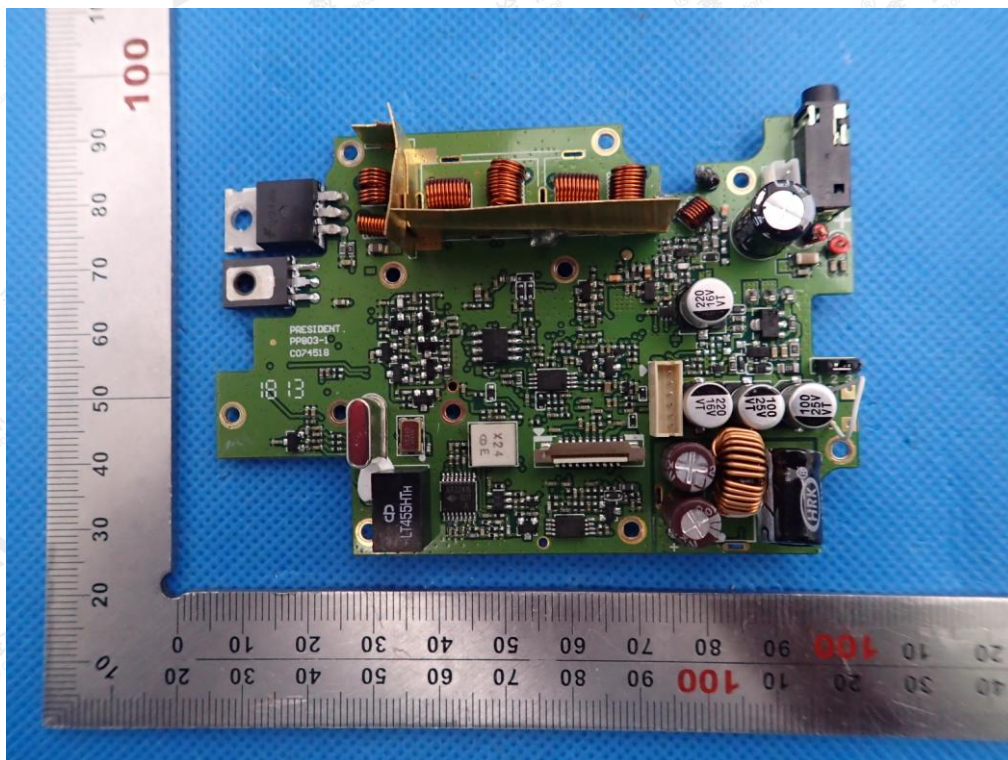


INTERNAL VIEW-1 OF EUT

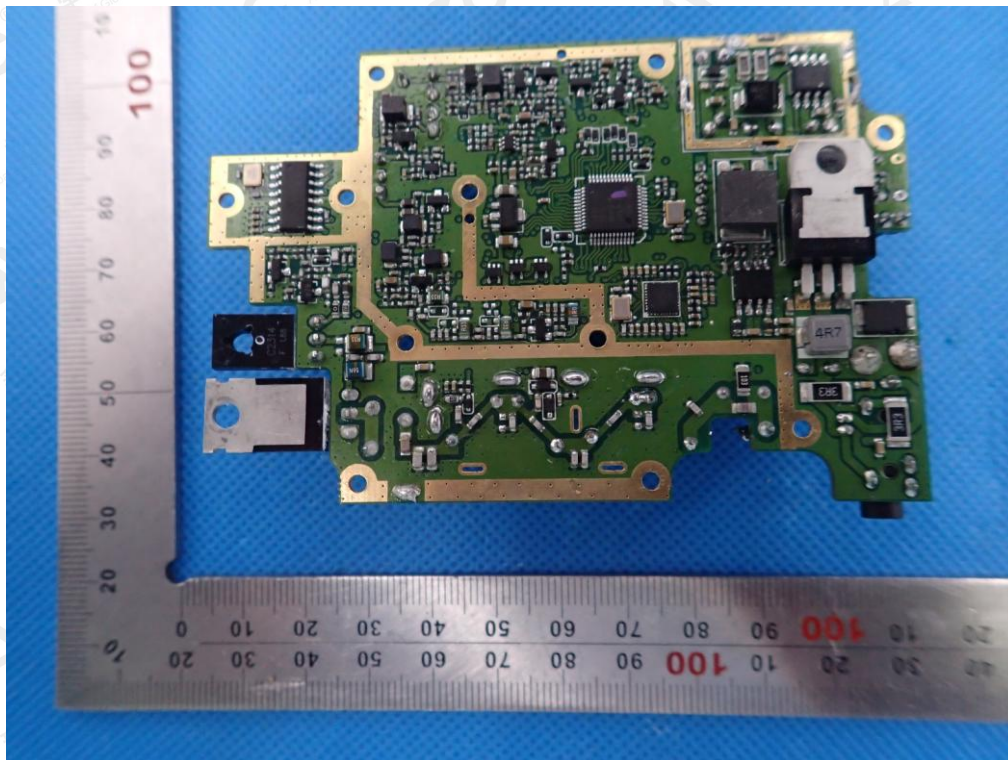


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INTERNAL VIEW-2 OF EUT

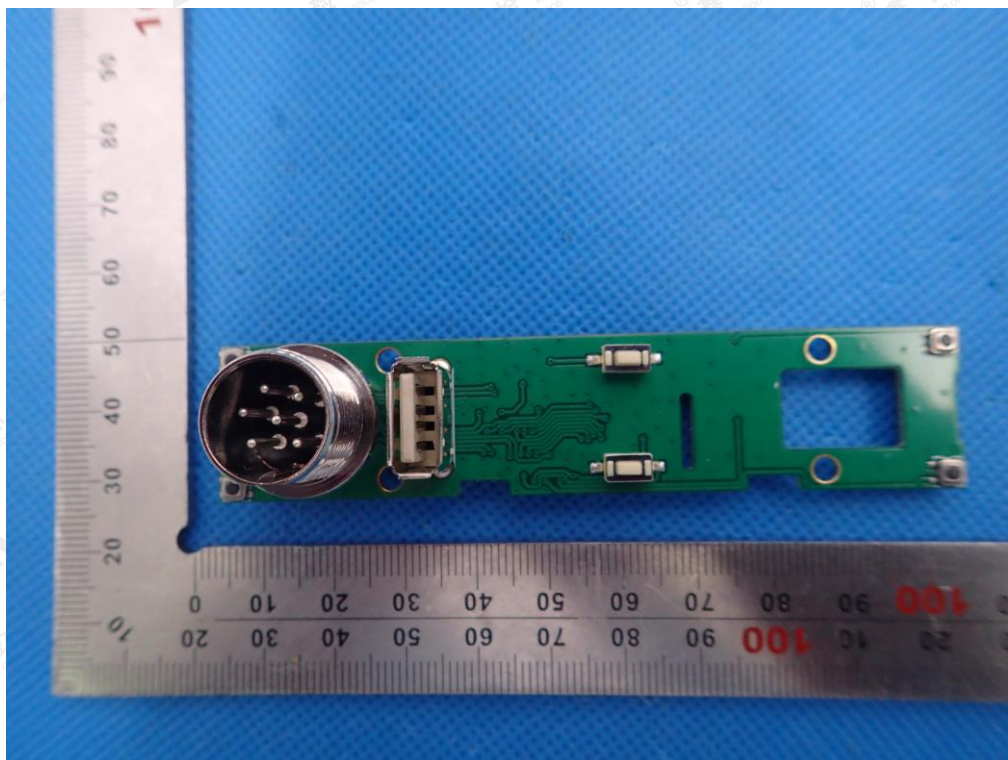


INTERNAL VIEW-3 OF EUT

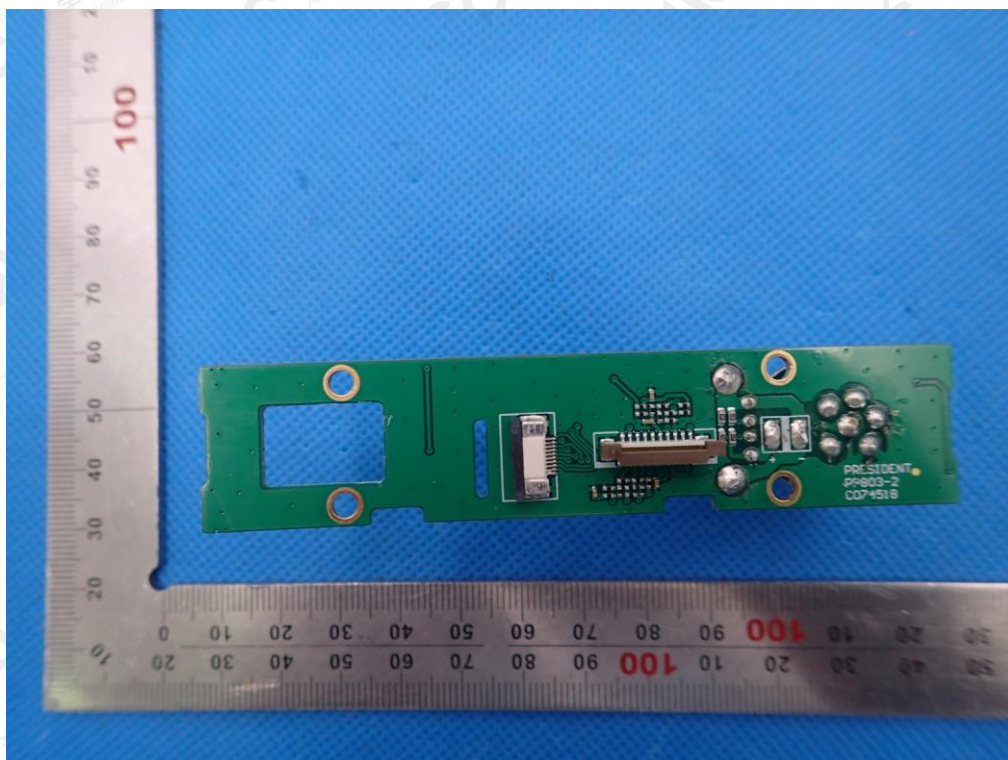


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INTERNAL VIEW-4 OF EUT

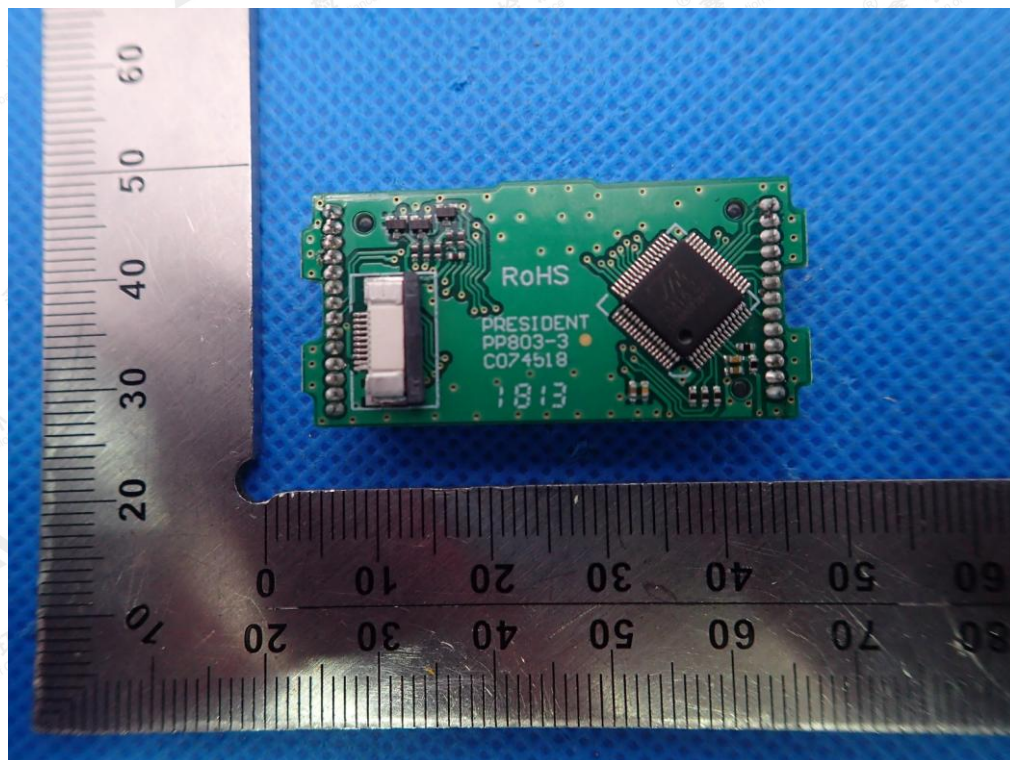


INTERNAL VIEW-5 OF EUT

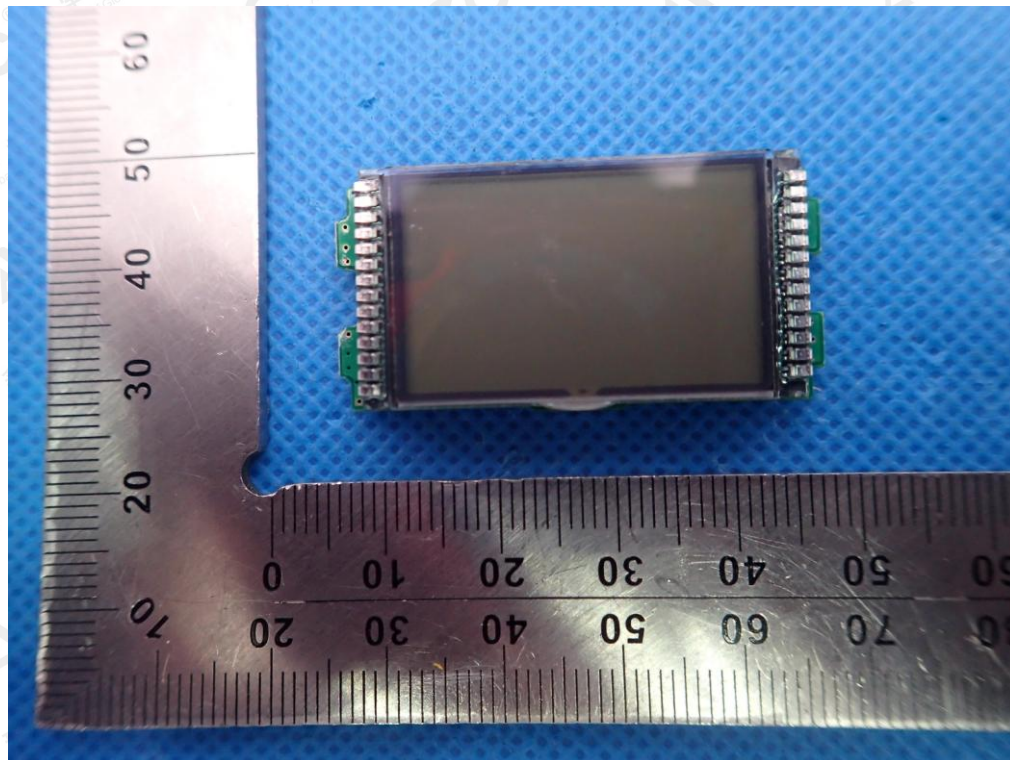


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INTERNAL VIEW-6 OF EUT



INTERNAL VIEW-7 OF EUT



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Part 2
TOP VIEW OF EUT



BOTTOM VIEW OF EUT



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FRONT VIEW OF EUT



BACK VIEW OF EUT



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LEFT VIEW OF EUT

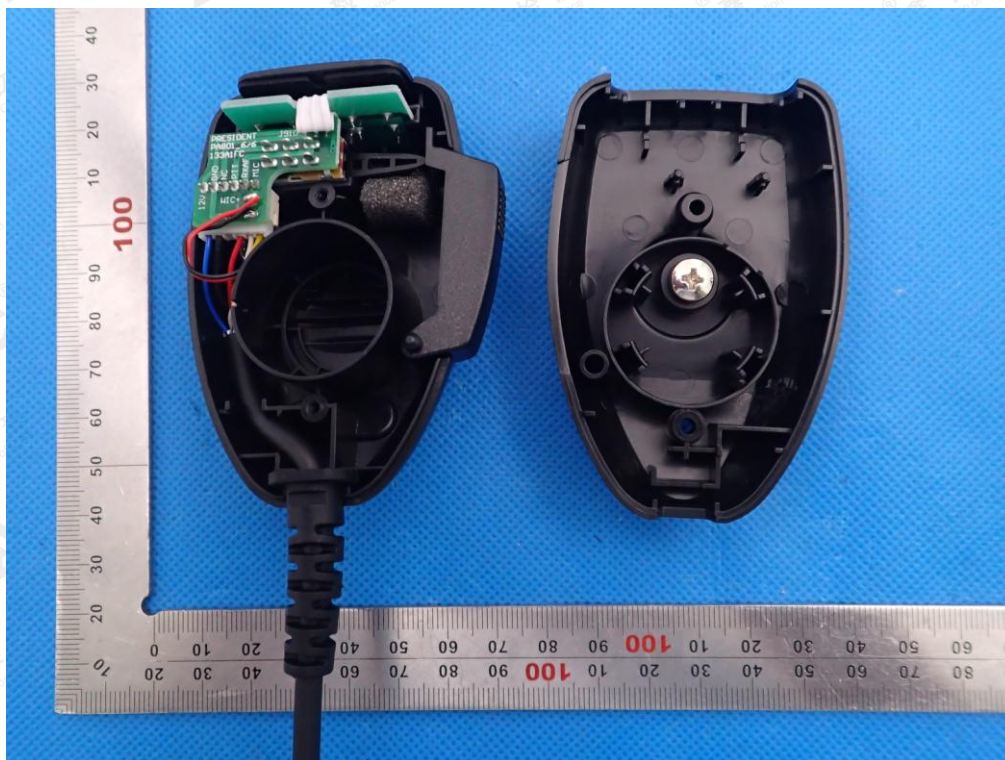


RIGHT VIEW OF EUT

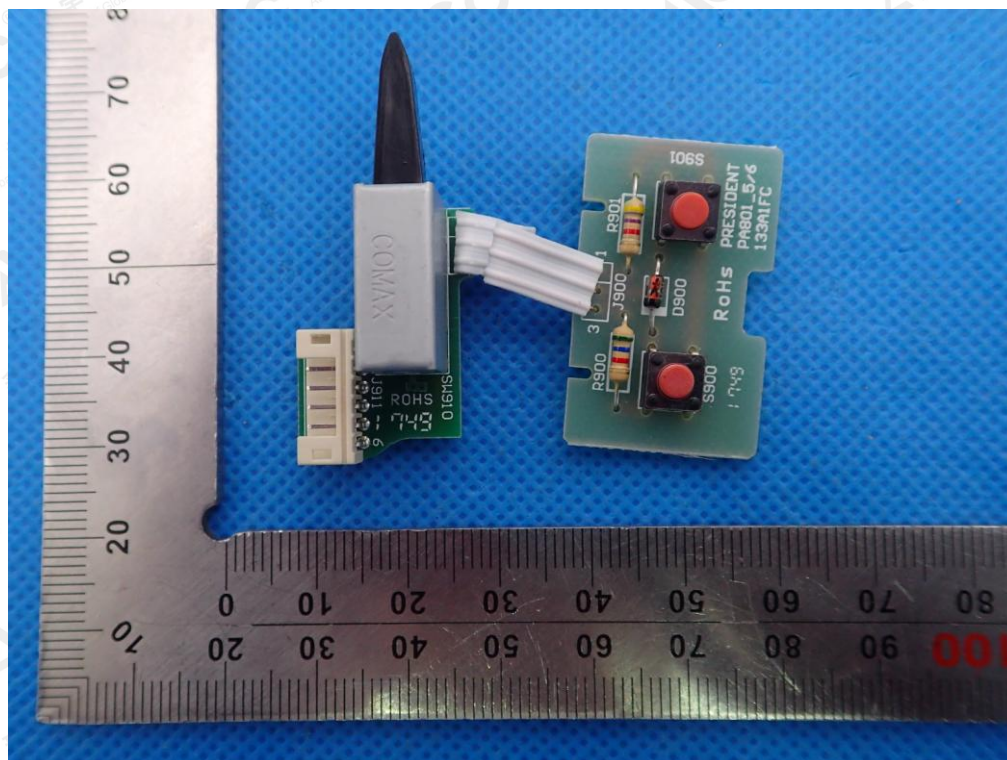


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OPEN VIEW-1 OF EUT

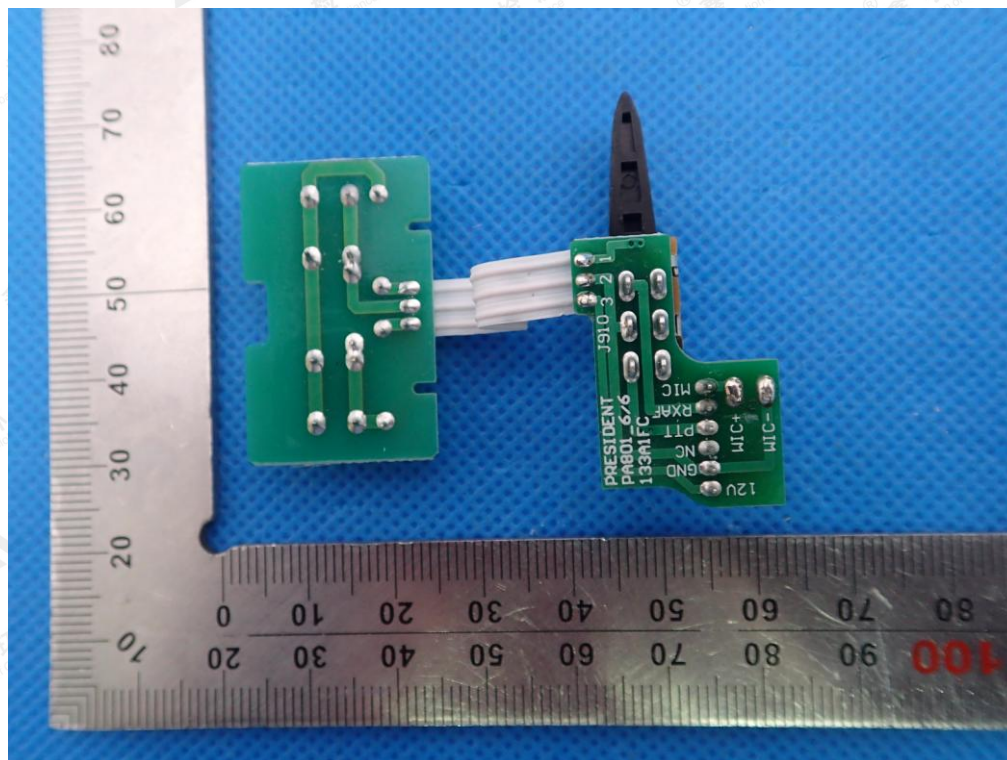


INTERNAL VIEW-1 OF EUT



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INTERNAL VIEW-2 OF EUT



-----END OF REPORT-----

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