

## **FCC Test Report**

Report No.: AGC09290210301FE08

FCC ID	÷	2AUZJ-MN31
PRODUCT DESIGNATION	:	Two-way radio
BRAND NAME	:	TENWAY
MODEL NAME	:	MN-31, MN-32, MN-33
APPLICANT	:	Quanzhou Tenway trading Co.,ltd.
DATE OF ISSUE	:	Mar. 24, 2021
STANDARD(S)	: ©	FCC Part 15 Rules
REPORT VERSION	:	V 1.0

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





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Re	port	Revise	Record
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Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0		Mar. 24, 2021	Valid	Initial release

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#### **1. VERIFICATION OF COMPLIANCE**

Applicant:	Quanzhou Tenway trading Co.,Itd.				
Address:	#303B, Building A, Chengzhou Industrial Zone,Baozhou Road, Fengze District, Quanzhou, Fujian, China				
Manufacturer:	Quanzhou Tenway trading Co.,Itd.				
Address:	#303B, Building A, Chengzhou Industrial Zone,Baozhou Road, Fengze District Quanzhou, Fujian, China				
Factory:	Quanzhou Tenway trading Co.,Itd.				
Address:	03B, Building A, Chengzhou Industrial Zone,Baozhou Road, Fengze District, Janzhou, Fujian, China				
Product Designation:	wo-way radio				
Brand Name:	TENWAY				
Test Model:	MN-31				
Series Model(s)	MN-32,MN-33				
Difference Description	Only model and shell design are different				
Measurement Procedure:	ANSI C63.4: 2014				
Deviation:	No any deviation from the test method.				
Date of Test:	Mar. 12, 2021~Mar. 24, 2021				
Condition of Test Sample:	Normal				
Test Result:	Pass				
Report Template;	AGCRT-US-PTT/EMC				

The above equipment was tested by Attestation Of Global Compliance (Shenzhen) Co., Ltd. for compliance with the requirements set forth in the FCC Rules and Regulations Part 15, the measurement procedure according to ANSI C63.4:2014. This said equipment in the configuration described in this report shows the maximum emission levels emanating from equipment are within the compliance requirements. The test results of this report relate only to the tested sample identified in this report.

Prepared By

**Reviewed By** 

Jonjon Aucorg

Donjon Huang (Project Engineer)

Calvin Liu

Mar. 23, 2021

Calin Lin

Mar. 23, 2021

Approved By

(Reviewer) Forvest 12

Forrest Lei Authorized Officer

Mar. 23, 2021

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#### 2. PRODUCT INFORMATION

The EUT is a Two-way radio designed for voice communication. It is designed by way of utilizing the F3E

modulation achieves the system operating.

A major technical description of EUT is described as following:

Communication Type	Voice / Tone only
Modulation	FM
RX Frequency Range	462.5625 - 462.7125MHz, 467.5625 - 467.7125MHz
Emission Type	F3E
Antenna Designation	Inseparable Antenna
Antenna Gain	1.5 dBi
Hardware Version	HW-M1/M1ABK PCB3GZ
Software Version	Ver0.1
Power Supply	DC 3.7V,1500mAh by battery

I/O Port Information (Applicable

Not Applicable)

I/O Port of EUT				
I/O Port Type	Q'TY Cable Tested with			
Antenna Port	1	0	1	

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#### 3. IDENTIFICATION OF THE RESPONSIBLE TESTING LOCATION

Test Site	Attestation of Global Compliance (Shenzhen) Co., Ltd			
Location	1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China			
Designation Number	CN1259			
FCC Test Firm Registration Number	975832			
A2LA Cert. No.	5054.02			
Description	Attestation of Global Compliance(Shenzhen) Co., Ltd is accredited by A2LA			

#### List of Test Equipment:

#### TEST EQUIPMENT OF CONDUCTED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESPI	101206	May 15, 2020	May 14, 2021
LISN	R&S	ESH2-Z5	100086	Jul. 03, 2020	Jul. 02, 2021
TEST SOFTWARE	FARA	EZ-EMC (Ver.AGC-CON0 3A1)	N/A	N/A	N/A

#### TEST EQUIPMENT OF RADIATED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESPI	101206	May 15, 2020	May 14, 2021
ANTENNA	SCHWARZBECK	VULB9168	494	Jan. 08, 2021	Jan. 07, 2023
ANTENNA	SCHWARZBECK	VULB9168	D69250	Sep. 20, 2019	Sep. 19, 2021
Broadband Preamplifier	ETS LINDGREN	3117PA	00225134	Sep. 03, 2020	Sep. 02, 2022
POSITIONING CONTROLLER	MF	MF-7802	MF78020 8285	<u> </u>	G - 2
HORN ANTENNA	ETS LINDGREN	3117	00034609	May. 17, 2019	May. 16, 2021
RF Communication Test Set	HP	8920B	3 (	Jul. 10, 2020	Jul. 09, 2021
EXA Signal Analyzer	Agilent	N9020A	MY53300 860	July 15, 2020	July 14, 2021
Attenuator	Schaffner	58-30-33	ML030	Oct. 26, 2020	Oct. 25, 2021
Test software	Tonscend	JS32-RE (Ver.2.5)	N/A	N/A	N/A

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#### 4. SUPPORT EQUIPMENT LIST

Device Type	Manufacturer	Model Name	Serial No.	Data Cable	Power Cable
Battery		BL-3		CC C	-C-
Back clip		- C	_ ©	-	· · · ·

#### **5. SYSTEM DESCRIPTION**

#### **EUT TEST PROCEDURE:**

- 1. Connect EUT and peripheral devices.
- 2. Power on the EUT, the EUT begins to work.
- 3. Make sure the EUT normal working.

#### EMC TEST MODE:

No.	TEST MODES
1	Scanning mode
2	Scanning stopped/Receiving at low channel of 462.5625 MHz to 462.7125 MHz
3 Scanning stopped/Receiving at middle channel of 462.5625 MHz to 462.71	
4	Scanning stopped/Receiving at high channel of 462.5625 MHz to 462.7125 MHz
5 Scanning stopped/Receiving at low channel of 467.5625 MHz to 467.7125 M	
6 Scanning stopped/Receiving at middle channel of 467.5625 MHz to 46	
7 Scanning stopped/Receiving at high channel of 467.5625 MHz to 467.71	

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

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#### 6. MEASUREMENT UNCERTAINTY

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in measurement" (GUM) published by CISPR and ANSI.

- Uncertainty of Conducted Emission, Uc = ±3.1 dB
- Uncertainty of Radiated Emission below 1GHz, Uc = ±4.0 dB

- Uncertainty of Radiated Emission above 1GHz, Uc = ±4.8 Db

#### 7. SUMMARY OF TEST RESULTS

	FCC RULES	DESCRIPTION OF TEST	RESULT
e e	§15.107	Conduction Emission	Compliant
C	§15.109	Radiated Emission	Compliant
	§15.111	Antenna Conducted Power for receivers	Compliant
	§15.121(b)	Scanning receivers and frequency converters used with scanning receivers	Compliant

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#### 8. FCC RADIATED EMISSION TEST

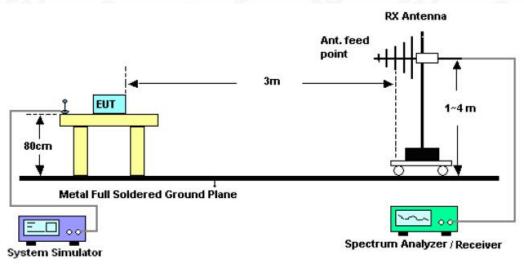
#### **8.1 PROVISIONS APPLICABLE**

#### FCC CFR Title 47 Part 15 Subpart B Section 15.109:

Frequency	Limit (dBuV/m @3m)	Value	
30MHz-88MHz	40.00	Quasi-peak	
88MHz-216MHz	43.50	Quasi-peak	
216MHz-960MHz	46.00	Quasi-peak	
960MHz-1GHz	54.00	Quasi-peak	
Above 1GHz	54.00	Average	
	74.00	Peak	

Note: The lower limit shall apply at the transition frequency. Because the EUT RX frequency range up to 462.7125 MHz and 467.7125 MHz, so the upper the frequency range up to 2 GHz.

#### 8.2 TEST SETUP BLOCK DIAGRAM

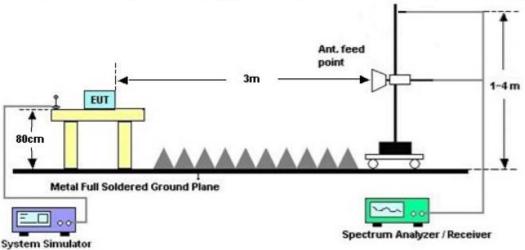


RADIATED EMISSION TEST SETUP 30MHz-1000MHz

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RADIATED EMISSION TEST SETUP ABOVE 1000MHz

#### EMI TEST RECEIVER SETUP:

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

Frequency Range	RBW	Video B/W	IF B/W	Measurment
30 MHz – 1000 MHz	100 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1MHz	3 MHz	/	PK
Above T GHz	1MHz	10 Hz		Ave.

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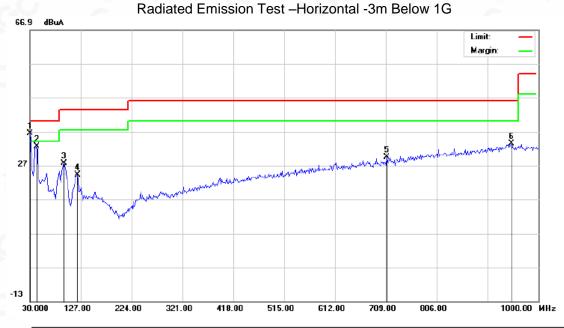
#### **8.3 TEST PROCEDURE**

- 1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden turntable with a height of 0.8 meters is used which is placed on the ground plane as per ANSI C63.4 (see Test Facility for the dimensions of the ground plane used). When the EUT is floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- 2. Support equipment, if needed, was placed as per ANSI C63.4.
- 3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.
- 4. The EUT received power by AC 120V/60Hz.
- 5. The antenna was placed at 3 meter away from the EUT as stated in FCC Part 15. The antenna connected to the Analyzer via a cable and at times a pre-amplifier would be used.
- The Analyzer / Receiver quickly scanned from 30MHz to 1000MHz. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
- 7. The test mode(s) were scanned during the test:
- 8. Recorded at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit and Q.P./Peak reading is presented. For emissions below 1GHz, use 120KHz RBW and VBW>=3RBW for QP reading.
- 9. For emissions above 1GHz, use 1MHz RBW and 3MHz VBW for peak reading. Then 1MHz RBW and 10Hz VBW for average reading in spectrum analyzer.
- 10. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
- 11. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
- 12. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 13. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High Low scan is not required in this case.
- 14. The test data of the worst case condition (mode 1) was reported on the following Data page.

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#### **8.4 TEST RESULT**



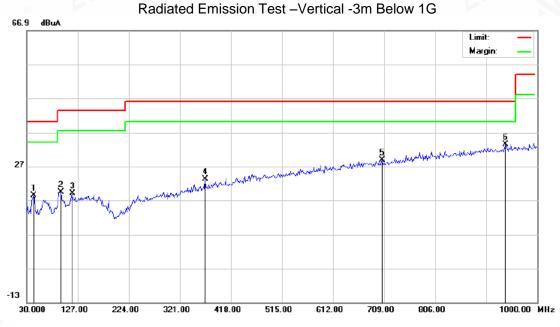
No.	Mk.	Reading Correct Measure- Freq. Level Factor ment		Limit	Over			
		MHz	dBuA	dB	dBuA	dBuA	dB	Detector
1	*	30.0000	24.25	12.17	36.42	40.00	-3.58	peak
2		42.9333	17.85	14.69	32.54	40.00	-7.46	peak
3		94.6667	12.08	15.46	27.54	43.50	-15.96	peak
4		120.5333	6.25	18.00	24.25	43.50	-19.25	peak
5	-	710.6167	1.07	28.39	29.46	46.00	-16.54	peak
6	9	948.2667	1.37	32.12	33.49	46.00	-12.51	peak

#### **RESULT: PASS**

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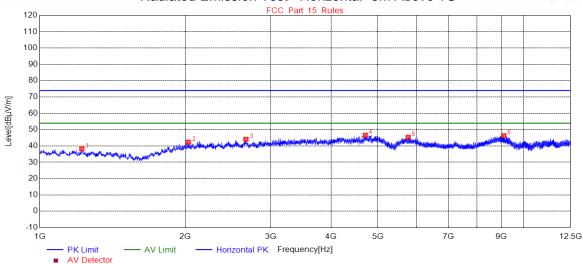


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuA	dB	dBuA	dBuA	dB	Detector
1		42.9333	3.68	14.69	18.37	40.00	-21.63	peak
2		94.6667	3.86	15.46	19.32	43.50	-24.18	peak
3		117.3000	1.32	17.71	19.03	43.50	-24.47	peak
4		369.5000	1.22	21.91	23.13	46.00	-22.87	peak
5		705.7667	0.60	28.28	28.88	46.00	-17.12	peak
6	*	940.1833	1.41	32.05	33.46	46.00	-12.54	peak

#### **RESULT: PASS**

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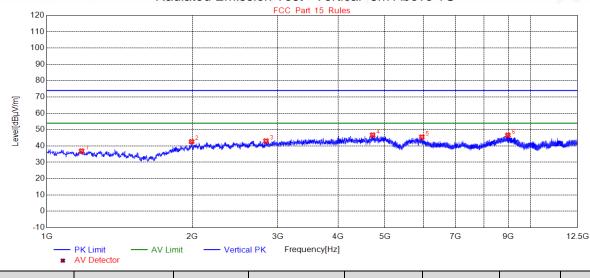
#### Radiated Emission Test –Horizontal -3m Above 1G

Freq. Level Factor Limit Margin Height Angle NO. Polarity [MHz] [dBµV/m] [dB] [dBµV/m] [dB] [cm] [°] 1 1221.9722 38.15 -16.86 74.00 35.85 100 170 Horizontal 2 2028.2028 42.32 -11.70 74.00 31.68 100 180 Horizontal 3 2667.6668 44.09 -9.59 74.00 29.91 100 260 Horizontal 4 4707.9708 46.60 74.00 27.40 100 Horizontal -5.00 150 74.00 5 5774.1274 45.28 -4.41 28.72 100 110 Horizontal 6 9099.1099 46.36 1.27 74.00 27.64 100 270 Horizontal

**RESULT: PASS** 

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Radiated Emission Test -Vertical -3m Above 1G

#### Freq. Level Factor Limit Margin Height Angle NO. Polarity [dBµV/m] [MHz] [dBµV/m] [dB] [dB] [cm] [°] 1 1180.5681 36.92 -16.82 74.00 37.08 100 240 Vertical 2 1992.5493 42.63 -11.90 74.00 31.37 100 30 Vertical 3 2839.0339 43.08 -9.46 74.00 30.92 100 80 Vertical 4714.8715 46.72 74.00 100 340 4 -4.99 27.28 Vertical 74.00 5 5958.1458 45.48 -3.82 28.52 100 230 Vertical 8973.7474 46.62 1.44 74.00 27.38 100 190 Vertical 6

#### **RESULT: PASS**

Note: 1. Factor=Antenna Factor + Cable loss - Amplifier gain, Margin= Limit-Measurement

2. The "Factor" value can be calculated automatically by software of measurement system.

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#### 9. FCC CONDUCTED EMISSION TEST

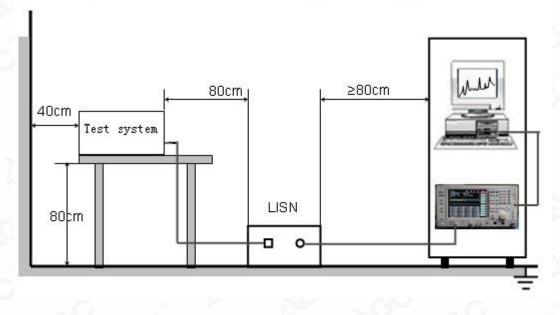
#### 9.1 PROVISIONS APPLICABLE

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the, the radio frequency voltage that is conducted back onto the AC power line on any frequencies within the band 150 KHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50uH/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequencies ranges.

Frequency of Emission (MHz)	Conducted	Conducted Limit(dBuV)					
	Quasi-Peak	Average					
0.15 – 0.5	66 to 56 *	56 to 46 *					
0.5 – 5	56	46					
5 - 30	60	50					

\* Decreases with the logarithm of the frequency.

#### 9.2 TEST SETUP BLOCK DIAGRAM



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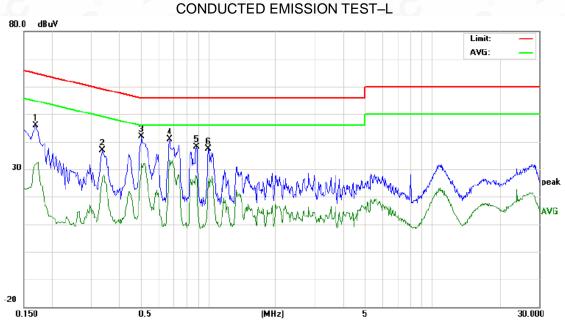
#### 9.3 TEST PROCEDURE

- 1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- 2. Support equipment, if needed, was placed as per ANSI C63.4.
- 3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.
- 4. The EUT received AC 120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
- 5. All support equipments received AC power from a second LISN, if any.
- 6. The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7. Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.
- 8. During the above scans, the emissions were maximized by cable manipulation.
- 9. The test data of the worst case condition (mode 1) was reported on the following Data page.

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#### 9.4 TEST RESULT



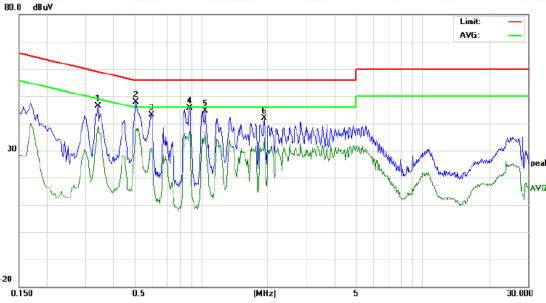
No.	Freq. (MHz)			Correct Measurement Factor (dBuV)			Limit (dBuV)		Margin (dB)		P/F		
		Peak	QP	AVG	dB	Peak	QP	AVG	QP	AVG	QP	AVG	
1	0.1700	32.97	30.18	20.63	12.81	45.78	42.99	33.44	64.96	54.96	-21.97	-21.52	Р
2	0.3379	23.75	19.79	13.12	13.19	36.94	32.98	26.31	59.25	49.25	-26.27	-22.94	Р
3	0.5060	28.16	24.68	17.95	13.74	41.90	38.42	31.69	56.00	46.00	-17.58	-14.31	Р
4	0.6740	26.97	23.76	19.64	13.81	40.78	37.57	33.45	56.00	46.00	-18.43	-12.55	Р
5	0.8860	24.40	22.17	15.95	13.83	38.23	36.00	29.78	56.00	46.00	-20.00	-16.22	Р
6	1.0020	23.57	17.57	9.64	13.81	37.38	31.38	23.45	56.00	46.00	-24.62	-22.55	Р

#### **RESULT: PASS**

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CONDUCTED EMISSION TEST-N

No.	Freq. (MHz)	Reading_Level (dBuV)		Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F	
		Peak	QP	AVG	dB	Peak	QP	AVG	QP	AVG	QP	AVG	
1	0.3420	33.11	30.20	25.71	13.21	46.32	43.41	38.92	59.15	49.15	-15.74	-10.23	Р
2	0.5100	34.17	30.84	24.86	13.75	47.92	44.59	38.61	56.00	46.00	-11.41	-7.39	Р
3	0.5980	29.42	24.37	16.76	13.82	43.24	38.19	30.58	56.00	46.00	-17.81	-15.42	Р
4	0.8860	31.91	35.94	27.64	13.83	45.74	49.77	41.47	56.00	46.00	-6.23	-4.53	Р
5	1.0460	30.87	28.06	23.66	13.80	44.67	41.86	37.46	56.00	46.00	-14.14	-8.54	Р
6	1.9300	28.25	24.75	20.77	13.67	41.92	38.42	34.44	56.00	46.00	-17.58	-11.56	Р

#### **RESULT: PASS**

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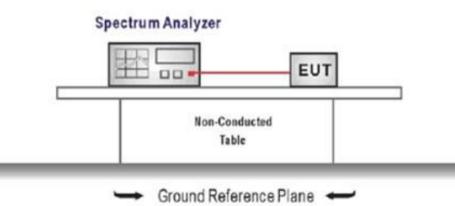
#### **10. ANTENNA CONDUCTED POWER FOR RECEIVERS**

#### **10.1 PROVISIONS APPLICABLE**

The antenna conducted power of the receiver as defined in §15.111 shall not exceed the values given in the following tables

Frequency Range	9 KHz to 2GHz
Limit	2.0 nW (-57 dBm )

#### 10.2 TEST SETUP BLOCK DIAGRAM



#### **10.3 TEST PROCEDURE**

- 1. The receiver antenna terminal connected to a spectrum analyzer.
- 2. Receiver set as follow:

Frequency range	RBW (kHz)	VBW (kHz)
9 kHz ~ 150 kHz	- 0 1	3
150 kHz ~ 30 MHz	10	30
30 MHz ~ 1000 MHz	100	300
1000 MHz ~ 3000 MHz	1000	3000

The test data of the worst case condition (mode 1) was reported on the following Data page.

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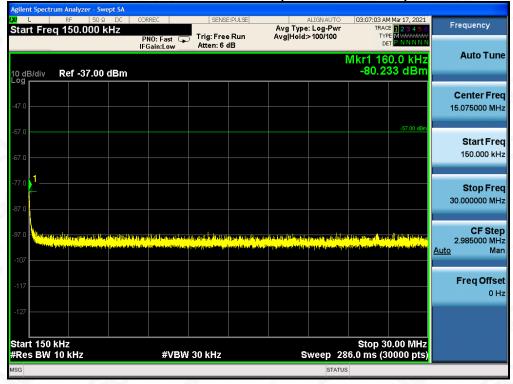


#### **10.4 TEST RESULT**



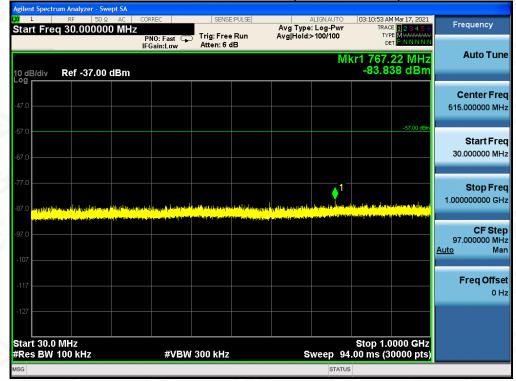
#### Conducted Measurement (9 KHz to 150 KHz)

#### Conducted Measurement (150 KHz to 30MHz)



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#### Conducted Measurement (30MHz to 1GHz)

# Conducted Measurement (1GHz to 2GHz)

start	t Fred	RF <b>1.00</b>		AC   1 000 GH	CORREC		se:PULSE		ALIGN AUTO : Log-Pwr > 100/100	TRAC	M Mar 17, 2021 CE <b>1 2 3 4 5</b> 6 PE M WWWWW	Frequency
10 dB	3/div	Ref -3	37.00 (		IFGain:Low	Atten: 6	i dB		Mkr	1 1.913	03 GHz 49 dBm	Auto Tune
Log -47.0 -											-57.00 dBm	Center Freq 1.500000000 GHz
-57.0 - -67.0 -											<b>↓</b> 1	Start Freq 1.000000000 GHz
-77.0 <b>-</b> -87.0 -	ing a pice	nining th <mark>e style </mark>	an la blad An Island			fledite filmen in state	and target and a long and the second		ala da Barda da Angara (Barda) Angara gana yang da Angara yang Angara gana yang da Angara yang da Angara yang da Angara yang da Angara yang da	i pilan di un Metto Jan Ali pana ang nati pina	HANDA STALLE AN AND AN AN A AN AN AN AN AN AN AN AN	<b>Stop Freq</b> 2.000000000 GHz
-97.0 - -107 -												CF Step 100.000000 MH <u>Auto</u> Mar
-117 -												Freq Offset 0 Hz
		00 GHz 1.0 MH			#VE	3W 3.0 MH	z	s	weep 2.0	Stop 2.0	0000 GHz 0000 pts)	
MSG									STATUS			

#### **RESULT:PASS**

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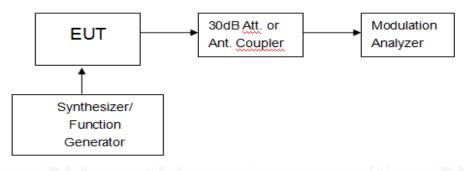


## 11. SANNING RECEIVERS AND FREQUENCY CONVERTERS USED WITH SANNING RECEIVERS

#### **11.1 PROVISIONS APPLICABLE**

Except as provided in paragraph (c) of this section, scanning receivers shall reject any signals from the Cellular Radiotelephone Service frequency bands that are 38 dB or lower based upon a 12 dB SINAD measurement, which is considered the threshold where a signal can be clearly discerned from any interference that may be present.

#### **11.2 TEST SETUP BLOCK DIAGRAM**



#### **11.3 TEST PROCEDURE**

- 1. Connected the EUT as shown in the above block diagram.
- 2. Apply a RF signal to the receiver input port at lowest, middle and highest channel frequencies of receiver operation band.
- 3. Adjust the audio output level of the receiver to it's rated value with the distortion less than 10%.
- 4. Adjust the RF Signal Generator Output Power to produce 12 dB SINAD without the audio output power dropping by more than 3 dB.This output level of the RF SG at each channel frequency is the sensitivity of the receiver.
- 5. Select the lowest or worse-case sensitivity level for all of the bands as the reference sensitivity.
- 6. Adjust the RF Signal Generator output to a level of +60 dB above the reference sensitivity obtained in step5) and its frequency to the frequency points in the cellular band.
- 7. Set the Receiver squelch to threshold, the signal required to open the squelch must be lower than the reference sensitivity level.
- 8. Set the receiver in a scanning mode and allow it to scan through it's complete receiving range.
- 9. If the receiver unsquelched or stopped on any frequency, receiving at this frequency, then adjust the signal generator output level until 12 dB SINAD is produced, this level is the spurious value and the difference between the reference sensitivity and the spurious value is the rejection ratio and must be at least 38dB.
- 10. Repeat above procedure at the frequencies 824.5, 836.0, and 848.5 MHz for the mobile band, and 869.1, 881.5, and 893.5MHz for the cellular base band.

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#### **11.4 TEST RESULT**

Scanning	Test Frequency of	Spurious Value of	Reference	Measurement	
Frequency Band	Cellular Band	Cellular Frequency	Sensitivity	Result	Limit (dB)
(MHz)	(MHz)	(dBm)	(dBm)	(dB)	
462.5625-4627125	824.5/836.0/848.5	>-44	-107	<-63	<-38
462.5625-4627125	869.1/881.5/893.5	>-44	-107	<-63	<-38
467.5625-467.7125	824.5/836.0/848.5	>-45	-107	<-62	<-38
467.5625-467.7125	869.1/881.5/893.5	>-45	-107	<-62	<-38

NOTE:1. Measurement Result = Rejection Ratio

- 2. Reference Sensitivity is the recorded value when the signal-to-noise ratio is 12dB.
- 3. Measurement Result = Reference Sensitivity- Spurious Value.

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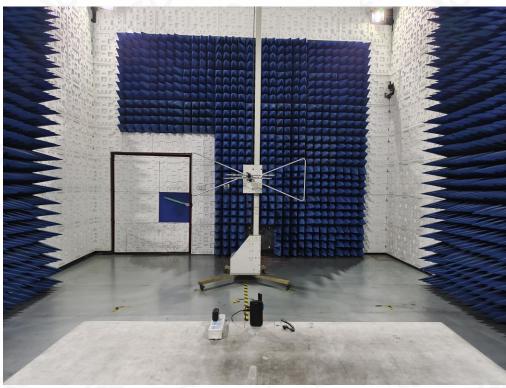


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### APPENDIX I PHOTOGRAPHS OF TEST SETUP CONDUCTED EMISSION TEST SETUP



RADIATED EMISSION TEST SETUP-BELOW 1GHZ



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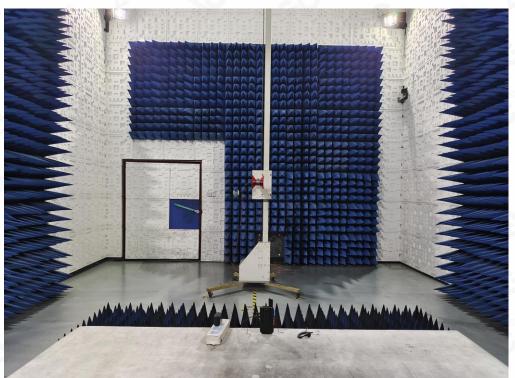
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 E-mail: agc@agc-cert.com



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RADIATED EMISSION TEST SETUP-ABOVE 1GHZ

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#### **APPENDIX II: PHOTOGRAPHS OF EUT**

Refer to the Report No.: AGC09290210301AP01

----END OF REPORT----

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6. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.

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9. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.

10. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

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