

FCC 15.231 Test Report

for

Chungear Industrial Co., Ltd

12 Jingke 8th Rd Nantun District Taichung 40852 Taiwan

**Product Name : Ceiling Fan Remote Controller
(Transmitter)**
Model Name : (1)TR262B (2)TR262C
FCC ID : KUJCE10705

**Prepared by: : AUDIX Technology Corporation,
EMC Department**



The statement is based on a single evaluation of one sample of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.
The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the U.S. Government.

TABLE OF CONTENTS

Description	Page
TEST REPORT CERTIFICATION.....	4
1. REVISION RECORD OF TEST REPORT	4
2. SUMMARY OF TEST RESULTS	5
3. GENERAL INFORMATION	6
3.1. Description of Application	6
3.2. Description of EUT	7
3.3. Antenna Information	7
3.4. EUT Specifications Assessed in Current Report	7
3.5. Description of Key Components	7
3.6. Test Configuration	8
3.7. Tested Supporting System List	9
3.8. Setup Configuration	9
3.9. Operating Condition of EUT	9
3.10. Description of Test Facility	10
3.11. Measurement Uncertainty	10
4. MEASUREMENT EQUIPMENT LIST	11
4.1. Radiated Emission Measurement	11
4.2. RF Conducted Measurement	11
5. CONDUCTED EMISSION	12
6. RADIATED SPURIOUS EMISSION	13
6.1. Block Diagram of Test Setup	13
6.2. Radiated Emission Limits	14
6.3. Test Procedure	15
6.4. Measurement Result Explanation	16
6.5. Test Results	16
7. EMISSION BANDWIDTH MEASUREMENT	18
7.1. Block Diagram of Test Setup	18
7.2. Specification Limits	18
7.3. Test Procedure	18
7.4. Test Results	18
8. PERIODIC OPERATED MEASUREMENT	19
8.1. Block Diagram of Test Setup	19
8.2. Specification Limits	19
8.3. Test Procedure	19
8.4. Test Results	19
9. DEVIATION TO TEST SPECIFICATIONS	20
APPENDIX A TEST DATA AND PLOTS	
APPENDIX B TEST PHOTOGRAPHS	



Audix Technology Corp.
No. 53-11, Dingfu, Linkou, Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

TEST REPORT CERTIFICATION

Applicant : Chungear Industrial Co., Ltd
Manufacturer #1 : Chungear Industrial Co., Ltd
Manufacturer #2 : Satellite Electronic (Zhongshan) Ltd.
Manufacturer #3 : Zhongshan Amity Electronic Ltd.
EUT Description
(1) Product : Ceiling Fan Remote Controller (Transmitter)
(2) Model : (1)TR262B (2)TR262C
(3) Power Supply: DC 3V

Applicable Standards:

47 CFR FCC Part 15 Subpart C
ANSI C63.10:2013

Audix Technology Corp. tested the equipment mentioned in accordance with the requirements set forth in the above standards. Test results indicate that the equipment tested is capable of demonstrating compliance with the requirements as documented within this report.
Audix Technology Corp. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens and samples.

Date of Report: 2020. 03. 25

Reviewed by:

Sabrina Wang

(Sabrina Wang/Administrator)

Approved by:

Johnny Hsueh

(Johnny Hsueh/Section Manager)



Audix Technology Corp.

No. 53-11, Dingfu, Linkou, Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303

1. REVISION RECORD OF TEST REPORT

Edition No	Issued Date	Revision Summary	Report Number
0	2020. 03. 25	Original Report	EM-F180194

2. SUMMARY OF TEST RESULTS

Rule	Description	Results
15.207	Conducted Emission	N/A, Note
15.209/15.231(b)	Radiated Spurious Emission and Fundamental Frequency	PASS
15.231(c)	Emission Bandwidth	PASS
15.231(a)(1)	Periodic Operated	PASS
15.203	Antenna Requirement	Compliance
Note: The EUT only employs battery power for operation, so it is unnecessary to test.		

3. GENERAL INFORMATION

3.1. Description of Application

Applicant	Chungear Industrial Co., Ltd 12 Jingke 8th Rd Nantun District Taichung 40852 Taiwan
Manufacture	#1 Chungear Industrial Co., Ltd 12 Jingke 8th Rd Nantun District Taichung 40852 Taiwan #2 Satellite Electronic (Zhongshan) Ltd. 8 CHUANG YE RD.TORCH DEVELOPMENT ZONE.ZHONGSHAN.GUANGDONG.528437 CHINA #3 Zhongshan Amity Electronic Ltd. No. 16 Torch Hi-Tech Industrial Development Zone, Zhong Shan City Guangdong Province China.
Product	Ceiling Fan Remote Controller (Transmitter)
Model	(1) TR262B (2)TR262C Above all models are identical in interior structure, electrical circuits and RF Spec. The details of differences description refer to below table.

Table: Model different list

Model	TR262B	TR262C
Appearance	9 key 	11 key 
Marketing Purpose	Different	Different

3.2. Description of EUT

Test Model	TR262C
Serial Number	N/A
Power Rating	DC 3V
RF Features	ASK
Transmit Type	1T
Sample Status	Production
Date of Receipt	2020. 03. 19
Date of Test	2020. 03. 24 ~ 25
Interface Ports of EUT	N/A
Accessories Supplied	N/A

3.3. Antenna Information

No.	Antenna Part Number	Manufacture	Antenna Type	Frequency (MHz)	Max Gain (dBi)
1	---	---	PCB	---	---

3.4. EUT Specifications Assessed in Current Report

Modulation	Fundamental Range (MHz)	Channel Number
ASK	304.25	1

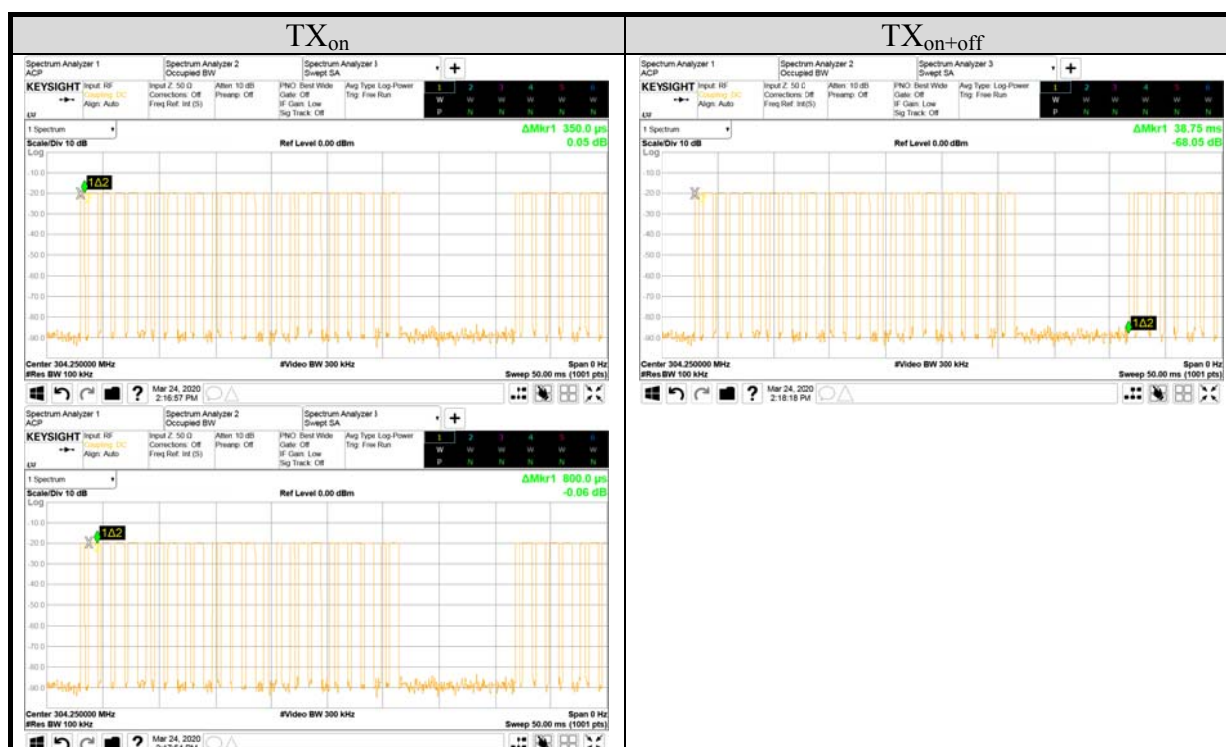
3.5. Description of Key Components

None

3.6. Test Configuration

Duty Cycle

TX _{on} (ms)	TX _{on+off} (ms)	Duty Cycle Factor (dB)
0.350*9+0.800*16= 15.95	38.75	-7.71
Duty Cycle Factor = 20log (TX _{on} /TX _{on+off})		



Note: Normal, Learn Key and were assessed. The worst DCCF for normal were calculated the average emission level.

Item	Test Model	Test Frequency
Radiated Spurious Emission and Fundamental Frequency	TR262C	304.25MHz
Emission Bandwidth	TR262C	304.25MHz
Periodic Operated	TR262C	304.25MHz

Note 1: ☐ Mobile Device

☒ Portable Device, and 3 axis were assessed. The worst scenario for Radiated Spurious Emission as follow: ☒ Lie ☐ Side ☐ Stand

3.7. Tested Supporting System List

None

3.8. Setup Configuration

3.8.1. EUT Configuration for Radiated Emission



3.8.2. EUT Configuration for RF Conducted Test Items



3.9. Operating Condition of EUT

To press the button of EUT is used for enabling EUT RF function under continues transmitting.

3.10. Description of Test Facility

Name of Test Firm	Audix Technology Corporation / EMC Department No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan Tel: +886-2-26092133 Fax: +886-2-26099303 Website : www.audixtech.com Contact e-mail: attemc_report@audixtech.com
Accreditations	The laboratory is accredited by following organizations under ISO/IEC 17025:2005 (1) NVLAP(USA) NVLAP Lab Code 200077-0 (2) TAF(Taiwan) No. 1724
Test Facilities	FCC OET Designation Number under APEC MRA by NCC is : TW1724 (1) No.1 3m Semi Anechoic Chamber (2) Fully Anechoic Chamber

3.11. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty
Radiation Test (Distance: 3m)	9kHz~30MHz	± 0.5dB
	30MHz~1000MHz	± 3.68dB
	Above 1GHz	± 5.82dB

Remark : Uncertainty = $ku_c(y)$

Test Item	Uncertainty
Emission Bandwidth (20dB)	± 0.2kHz
Periodic Operated	± 0.05s

4. MEASUREMENT EQUIPMENT LIST

4.1. Radiated Emission Measurement

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9010A-526	MY53400071	2019.09.11	1 Year
2.	Spectrum Analyzer	Agilent	N9030A-526	MY53310269	2020.01.16	1 Year
3.	Test Receiver	R&S	ESCS30	100338	2019.06.12	1 Year
4.	Amplifier	HP	8447D	2944A06305	2020.01.16	1 Year
5.	Amplifier	Agilent	8449B	3008A02678	2020.02.27	1 Year
6.	Bilog Antenna	TESEQ	CBL6112D	33821	2020.01.17	1 Year
7.	Loop Antenna	R&S	HFH2-Z2	891847/27	2019.12.26	1 Year
8.	Double-Ridged Waveguide Horn	ETS-Lindgren	3117	00135902	2020.03.10	1 Year
9.	Digital Thermo-Hygro Meter	IMax	HTC-1	No.1 3m A/C	2019.04.20	1 Year
10.	Digital Thermo-Hygro Meter	EVERY DAY	E-512	RF-02	2019.04.20	1 Year
11.	Test Software	Audix	e3	V.6.110601	N.C.R.	N.C.R.

4.2. RF Conducted Measurement

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	Keysight	N9020B-544	MY57120357	2020.01.10	1 Year
2.	Wide Band Antenna	Diamond	RH799	N/A	N.C.R	N.C.R
3.	Digital Thermo-Hygro Meter	Shenzhen Datronn Electronics	KT-905	RF	2019.04.20	1 Year



Audix Technology Corp.
No. 53-11, Dingfu, Linkou, Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

5. CONDUCTED EMISSION

【The EUT only employs Batteries power for operation, no conductive emission limits are required according to FCC Part 15 Section §15.207】

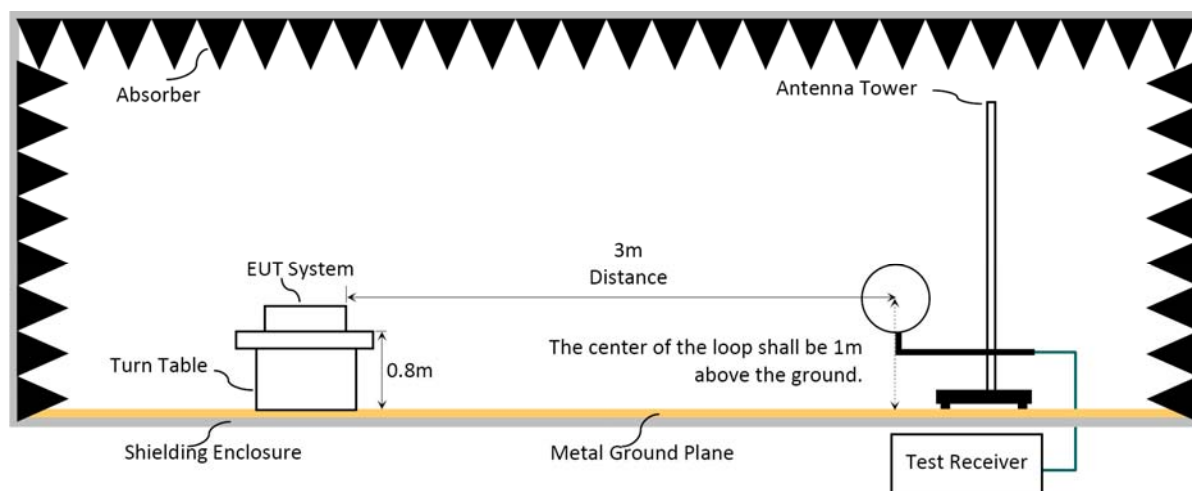
6. RADIATED SPURIOUS EMISSION

6.1. Block Diagram of Test Setup

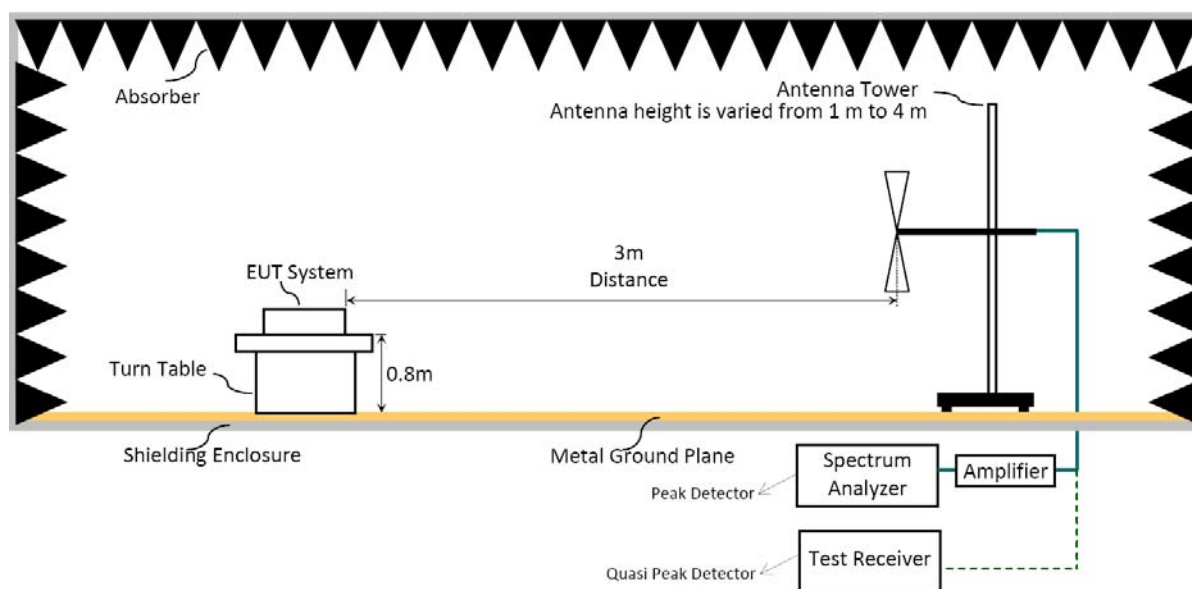
6.1.1. Block Diagram of EUT

Indicated as section 3.8

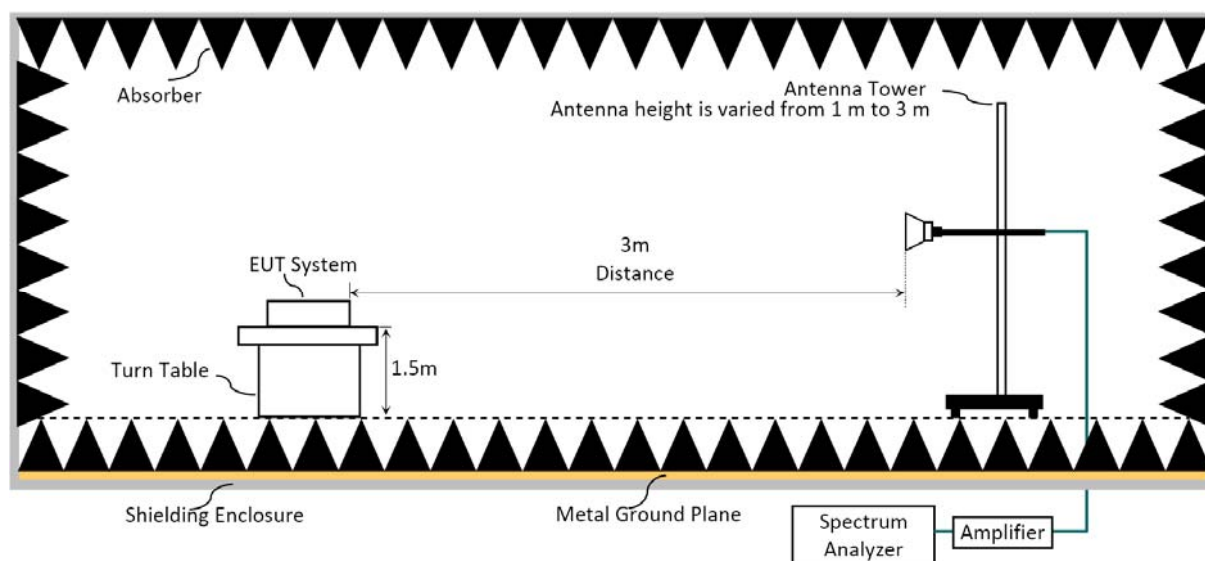
6.1.2. Setup Diagram for 9kHz-30MHz



6.1.3. Setup Diagram for 30MHz-1000MHz



6.1.4. Setup Diagram for above 1GHz



6.2. Radiated Emission Limits

6.2.1. General Limit

Radiated emissions which fall in restricted bands, as defined in Section 15.205 must also comply with the radiated emission limits specified as below.

Frequency (MHz)	Distance (m)	Limits	
		dB μ V/m	μ V/m
0.009 - 0.490	300	67.6-20 log f(kHz)	2400/f kHz
0.490 - 1.705	30	87.6-20 log f(kHz)	24000/f kHz
1.705 - 30	30	29.5	30
30 - 88	3	40.0	100
88- 216	3	43.5	150
216- 960	3	46.0	200
Above 960	3	54.0	500
Above 1000	3	74.0 dB μ V/m (Peak) 54.0 dB μ V/m (Average)	

Remark : (1) dB μ V/m = 20 log (μ V/m)

- (2) The tighter limit applies to the edge between two frequency bands.
- (3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
- (4) Fundamental and emission fall within operation band are exempted from this section.
- (5) Pursuant to ANSI C63.10: 6.6.4.3, if the maximized peak measured value complies with the average limit, then it is unnecessary to perform an average measurement.

6.2.2. Limite for Fundamental Frequency

In addition to the provisions of §15.205, the field strength of emissions from intentional radiators operated under this section shall not exceed the following:

Fundamental frequency (MHz)	Field strength of fundamental (microvolts/meter)	Field strength of spurious emissions (microvolts/meter)
40.66-40.70	2,250	225
70-130	1,250	125
130-174	¹ 1,250 to 3,750	¹ 125 to 375
174-260	3,750	375
260-470	¹ 3,750 to 12,500	¹ 375 to 1,250
Above 470	12,500	1,250
¹ : Linear Interpolations		

Remark : (1) $\text{dB}\mu\text{V/m} = 20 \log (\mu\text{V/m})$

(2) The tighter limit applies to the edge between two frequency bands.

(3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

(4) Where limit of Fundamental Freq. is calculated by:

$$41.6667 \times 304.25 - 7083.3333 = 5593.760175 \mu\text{V/m} = 74.95 \text{dB}\mu\text{V/m}$$

(5) The limits in this table are based on CFR 47 Part 15.231(b).

6.3. Test Procedure

Frequency Range 9kHz~30MHz:

The EUT setup on the turn table which has 0.8 m height to the ground. The turn table rotated 360 degrees and antenna fixed to 1 m to find the maximum emission level.

In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10-2013 regulation.

(1) RBW = 9kHz with peak and average detector.

(2) Detector: average and peak (9kHz-490kHz)

Q.P. (490kHz-30MHz)

Frequency Range 30MHz to 10th harmonic:

The EUT setup on the turn table which has 80 cm (for 30-1000 MHz) and 1.5m (for above 1GHz) height to the ground. The turn table rotated 360 degrees and antenna varied from 1 m to 4 m to find the maximum emission level. Both horizontal and vertical polarization are required. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10-2013 regulation.

Frequency below 1 GHz:

Spectrum Analyzer is used for pre-testing with following setting:

- (1) RBW = 120KHz
- (2) VBW $\geq 3 \times$ RBW.
- (3) Detector = Peak.
- (4) Sweep time = auto.
- (5) Trace mode = max hold.
- (6) Allow sweeps to continue until the trace stabilizes.
- (7) When peak-detected value is lower than limit that the measurement using the Q.P. detector is not required, otherwise using Q.P. for final measurement.

Frequency above 1GHz to 10th harmonic:**Peak Detector:**

- (1) RBW = 1MHz
- (2) VBW $\geq 3 \times$ RBW.
- (3) Detector = Peak.
- (4) Sweep time = auto.
- (5) Trace mode = max hold.
- (6) Allow sweeps to continue until the trace stabilizes.
- (7) When peak-detected value is lower than limit that the measurement using the average detector is not required, otherwise using average detector for final measurement.

Average Detector:☐ **Option 1:**

- (1) RBW = 1MHz
- (2) VBW $\geq 1/T$.
- (3) Detector = Peak.
- (4) Sweep time = auto.
- (5) Trace mode = max hold.
- (6) Allow sweeps to continue until the trace stabilizes.

☒ **Option 2:**

Average Emission Level = Peak Emission Level + D.C.C.F.

6.4. Measurement Result Explanation

- ☒ Peak Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Gain + Filter loss (If use)
- ☐ Average Emission Level = Read Level + Antenna Factor + Cable Loss - Preamp Gain + Filter loss (If use)
- ☒ Average Emission Level = Peak Emission Level + DCCF
Duty Cycle Correction Factor (DCCF) = $20 \log (TX_{on}/TX_{on+off})$ presented in section 3.6
- ☐ ERP = Peak Emission Level - 95.2dB - 2.14dB

6.5. Test Results



Audix Technology Corp.

No. 53-11, Dingfu, Linkou, Dist.,

New Taipei City 244, Taiwan

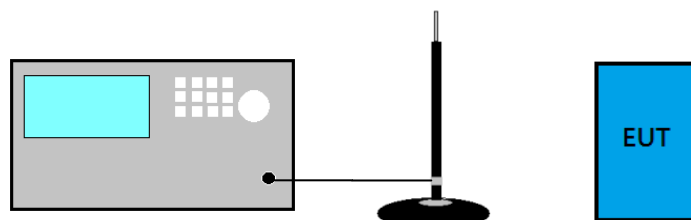
Tel: +886 2 26099301

Fax: +886 2 26099303

Please refer to Appendix A.

7. EMISSION BANDWIDTH MEASUREMENT

7.1. Block Diagram of Test Setup



7.2. Specification Limits

The bandwidth of emission shall be no wider than 0.25% of the center frequency for device operating above 70MHz and below 900MHz. Bandwidth is determined at the points 20dB down from the modulated carrier.

7.3. Test Procedure

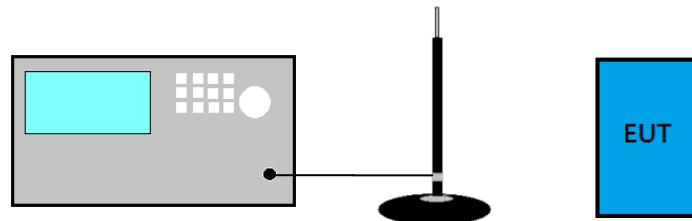
- (1) Set RBW close to 1-5 % of OBW.
- (2) Set $VBW \geq RBW$.
- (3) Detector = Peak.
- (4) Trace mode = max hold.
- (5) Sweep = auto couple.
- (6) Allow the trace to stabilize.
- (7) Setting channel bandwidth function x dB to -20 dB to record the final bandwidth.

7.4. Test Results

Please refer to Appendix A

8. PERIODIC OPERATED MEASUREMENT

8.1. Block Diagram of Test Setup



8.2. Specification Limits

The operation of this device is manually operated transmitter that is automatically deactivated the transmitter within not more than 5 seconds of being released

8.3. Test Procedure

- (1) Span = zero
- (2) $RBW \geq 100\text{kHz}$
- (3) $VBW \geq RBW$
- (4) Sweep = 5s
- (5) Detector function = peak
- (6) Trace = single sweep

8.4. Test Results

Please refer to Appendix A



Audix Technology Corp.

No. 53-11, Dingfu, Linkou, Dist.,

New Taipei City 244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303

9. DEVIATION TO TEST SPECIFICATIONS

【NONE】



Audix Technology Corp.
No. 53-11, Dingfu, Linkou, Dist.,
New Taipei City 244, Taiwan

APPENDIX A

Tel: +886 2 26099301
Fax: +886 2 26099303

APPDNDIX A

TEST DATA AND PLOTS

(Model: TR262C)

TABLE OF CONTENTS

A.1 RADIATED SPURIOUS EMISSION.....	2
A.1.1 Emissions Applied to General Requirement	2
A.1.2 Fundamental Frequency	6
A.2 EMISSION BANDWIDTH MEASUREMENT.....	7
A.2.1 Emission Bandwidth	7
A.2.2 Measurement Plots	7
A.3 PERIODIC OPERATED MEASUREMENT	8
A.3.1 Periodic Operated.....	8
A.3.2 Measurement Plots	8

Audix Technology Corp.

No. 53-11, Dingfu, Linkou, Dist.,

New Taipei City 244, Taiwan

Tel: +886 2 26099301**Fax: +886 2 26099303**

A.1 RADIATED SPURIOUS EMISSION

Test Date	2020/03/24	Temp./Hum.	23°C/55%
Test Voltage	DC 3V	Tested By	Sean Wang

A.1.1 Emissions Applied to General Requirement

A.1.1.1 Frequency 9kHz~30MHz

The emissions (9kHz~30MHz) not reported for there is no emission be found.

Audix Technology Corp.

No. 53-11, Dingfu, Linkou, Dist.,

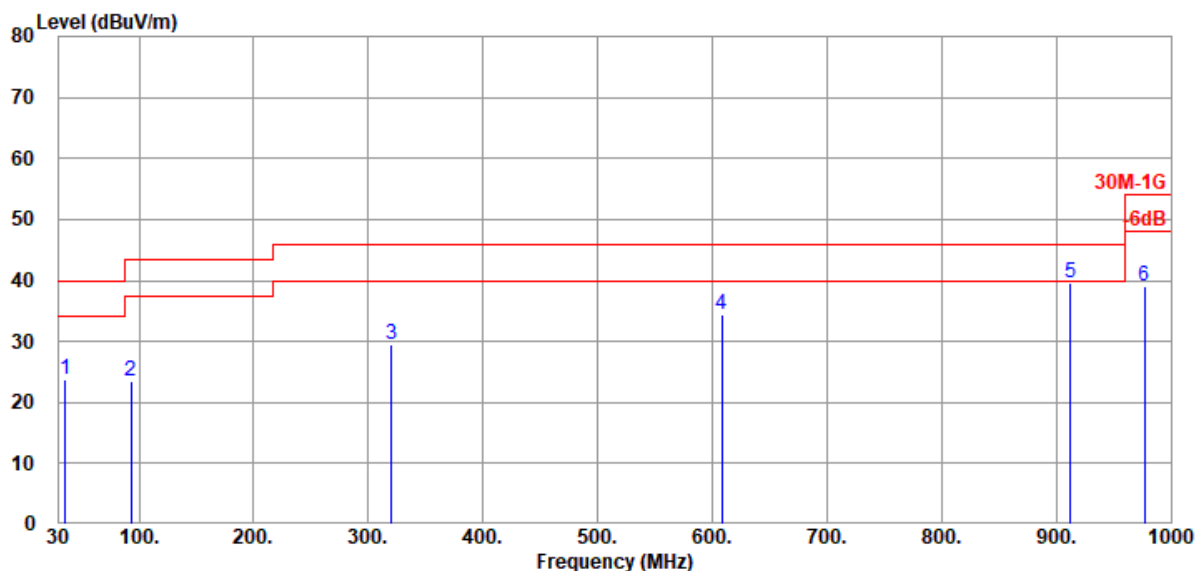
New Taipei City244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303

A.1.1.2 Frequency Below 1 GHz

Test Frequency	TX 304.25MHz	Test Model	TR262C
----------------	--------------	------------	--------



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
35.820	21.56	1.38	26.52	27.42	23.84	40.00	16.16	Peak
93.050	15.32	2.34	26.34	32.08	23.40	43.50	20.10	Peak
320.030	19.84	4.85	25.89	30.61	29.41	46.00	16.59	Peak
608.120	24.82	7.08	27.48	29.95	34.37	46.00	11.63	Peak
912.700	26.90	8.78	27.09	30.91	39.50	46.00	6.50	Peak
976.720	27.26	9.06	26.90	29.67	39.09	54.00	14.91	Peak

Audix Technology Corp.

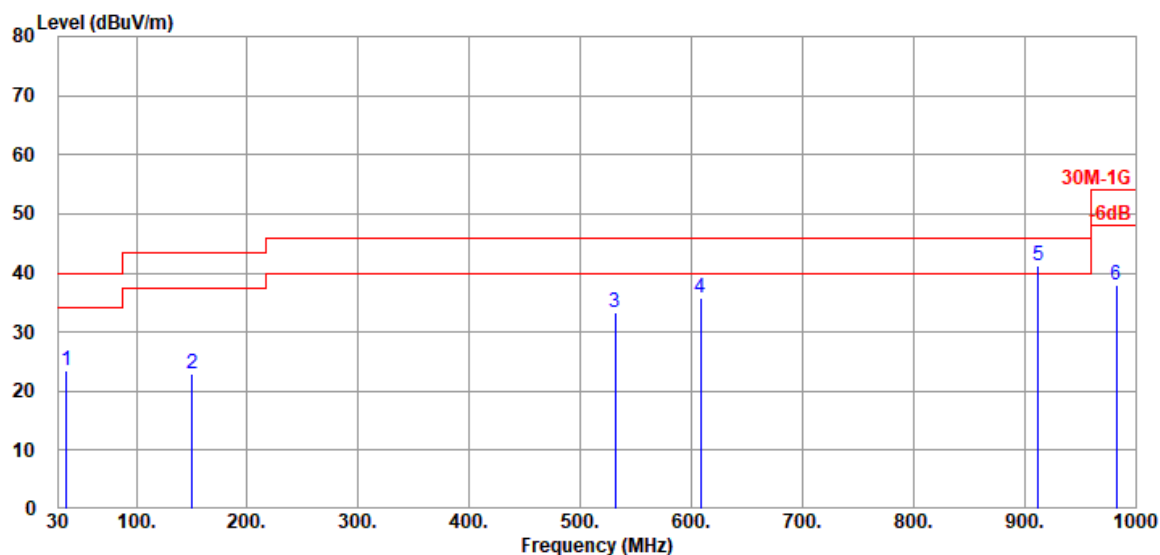
No. 53-11, Dingfu, Linkou, Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303

Test Frequency	TX 304.25MHz	Test Model	TR262C
----------------	--------------	------------	--------



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
36.790	20.99	1.40	26.52	27.53	23.40	40.00	16.60	Peak
150.280	17.22	3.06	26.05	28.71	22.94	43.50	20.56	Peak
531.490	23.94	6.96	27.32	29.72	33.30	46.00	12.70	Peak
608.120	24.82	7.08	27.48	31.32	35.74	46.00	10.26	Peak
912.700	26.90	8.78	27.09	32.51	41.10	46.00	4.90	Peak
982.540	27.30	9.08	26.90	28.47	37.95	54.00	16.05	Peak

Audix Technology Corp.

No. 53-11, Dingfu, Linkou, Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303

A.1.1.3 Frequency Above 1 GHz

Test Frequency	TX 304.25MHz				Test Model	TR262C		
----------------	--------------	--	--	--	------------	--------	--	--

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2130.000	31.50	8.32	34.50	48.96	54.28	74.00	19.72	Peak
2738.000	32.40	8.65	34.62	43.27	49.70	74.00	24.30	Peak
3348.000	32.70	9.17	34.59	36.37	43.65	74.00	30.35	Peak
3956.000	33.30	9.92	34.41	40.67	49.48	74.00	24.52	Peak
4260.000	33.63	10.05	34.45	36.21	45.44	74.00	28.56	Peak
4564.000	34.30	10.14	34.49	38.60	48.55	74.00	25.45	Peak
4868.000	34.37	10.24	34.43	33.89	44.07	74.00	29.93	Peak

Emission Frequency (MHz)	Peak Emission Level (dBμV/m)	DCCF (dB)	Average Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
2130.000	54.28	-7.71	46.57	54.00	7.43	Average
2738.000	49.70	-7.71	41.99	54.00	12.01	Average
3348.000	43.65	-7.71	35.94	54.00	18.06	Average
3956.000	49.48	-7.71	41.77	54.00	12.23	Average
4260.000	45.44	-7.71	37.73	54.00	16.27	Average
4564.000	48.55	-7.71	40.84	54.00	13.16	Average
4868.000	44.07	-7.71	36.36	54.00	17.64	Average

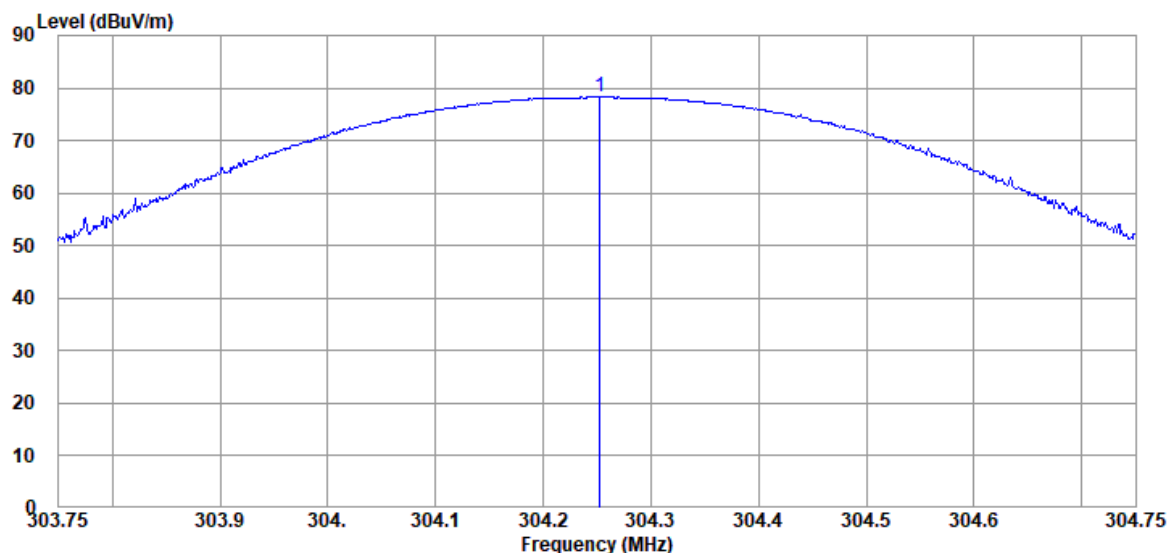
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
1532.000	28.40	7.41	34.71	43.36	44.46	74.00	29.54	Peak
2130.000	31.50	8.32	34.50	45.27	50.59	74.00	23.41	Peak
2738.000	32.40	8.65	34.62	42.08	48.51	74.00	25.49	Peak
4260.000	33.63	10.05	34.45	34.74	43.97	74.00	30.03	Peak
4564.000	34.30	10.14	34.49	36.72	46.67	74.00	27.33	Peak

Emission Frequency (MHz)	Peak Emission Level (dBμV/m)	DCCF (dB)	Average Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1532.000	54.28	-7.71	46.57	54.00	7.43	Average
2130.000	49.70	-7.71	41.99	54.00	12.01	Average
2738.000	43.65	-7.71	35.94	54.00	18.06	Average
4260.000	49.48	-7.71	41.77	54.00	12.23	Average
4564.000	45.44	-7.71	37.73	54.00	16.27	Average

A.1.2 Fundamental Frequency

Test Frequency	TX 304.25MHz	Test Model	TR262C
----------------	--------------	------------	--------



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
304.253	19.40	4.62	25.75	79.92	78.19	94.95	16.76	Peak

Emission Frequency (MHz)	Peak Emission Level (dBμV/m)	DCCF (dB)	Average Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
304.253	78.19	-7.71	70.48	74.95	4.47	Average

Remark: Horizontal is the strongest polarization and peak value has complied with average limit, so vertical won't be listed in test report.

Audix Technology Corp.
No. 53-11, Dingfu, Linkou, Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

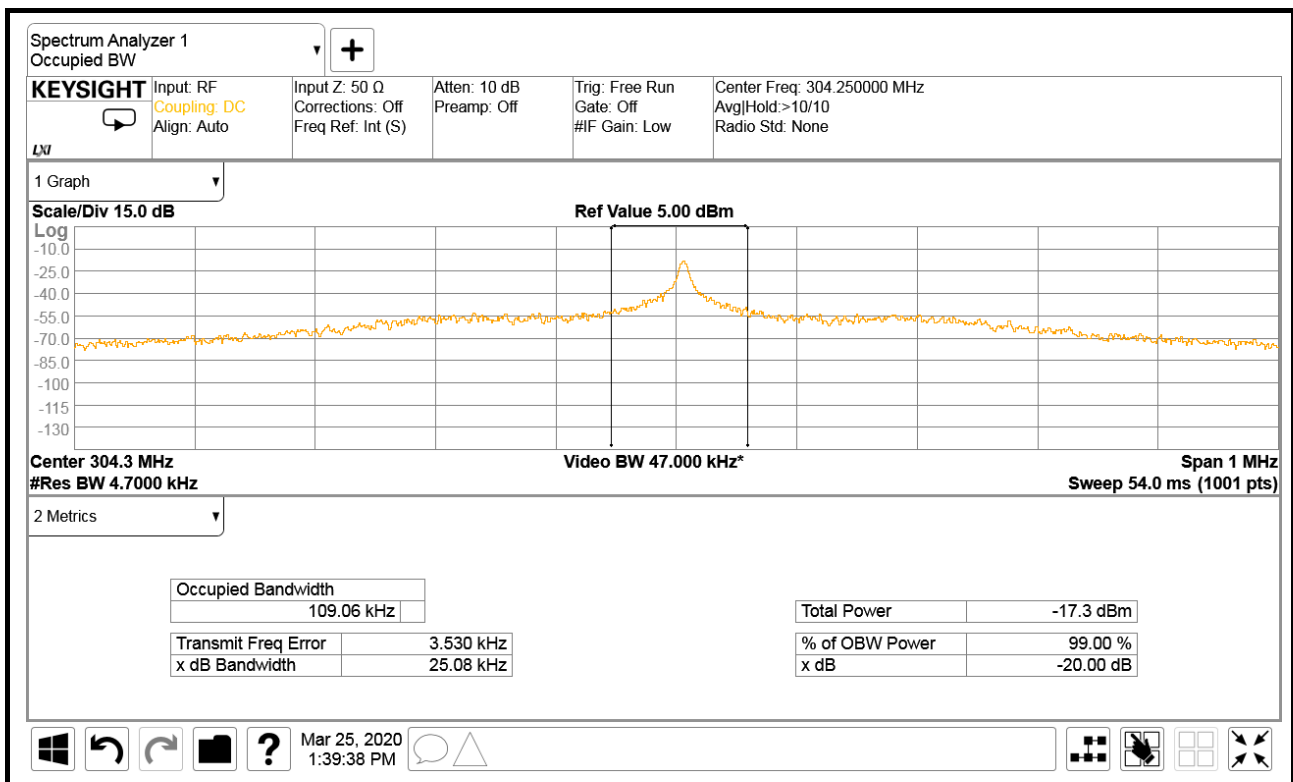
A.2 EMISSION BANDWIDTH MEASUREMENT

Test Date	2020/03/25	Temp./Hum.	24°C/62%
Test Voltage	DC 3V	Tested By	Sean Wang
Test Frequency	TX 304.25MHz	Test Model	TR262C

A.2.1 Emission Bandwidth

Center Frequency (MHz)	20dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Tolerance (%)	Limit (%)
304.25	0.02508	0.10906	0.008	0.25

A.2.2 Measurement Plots



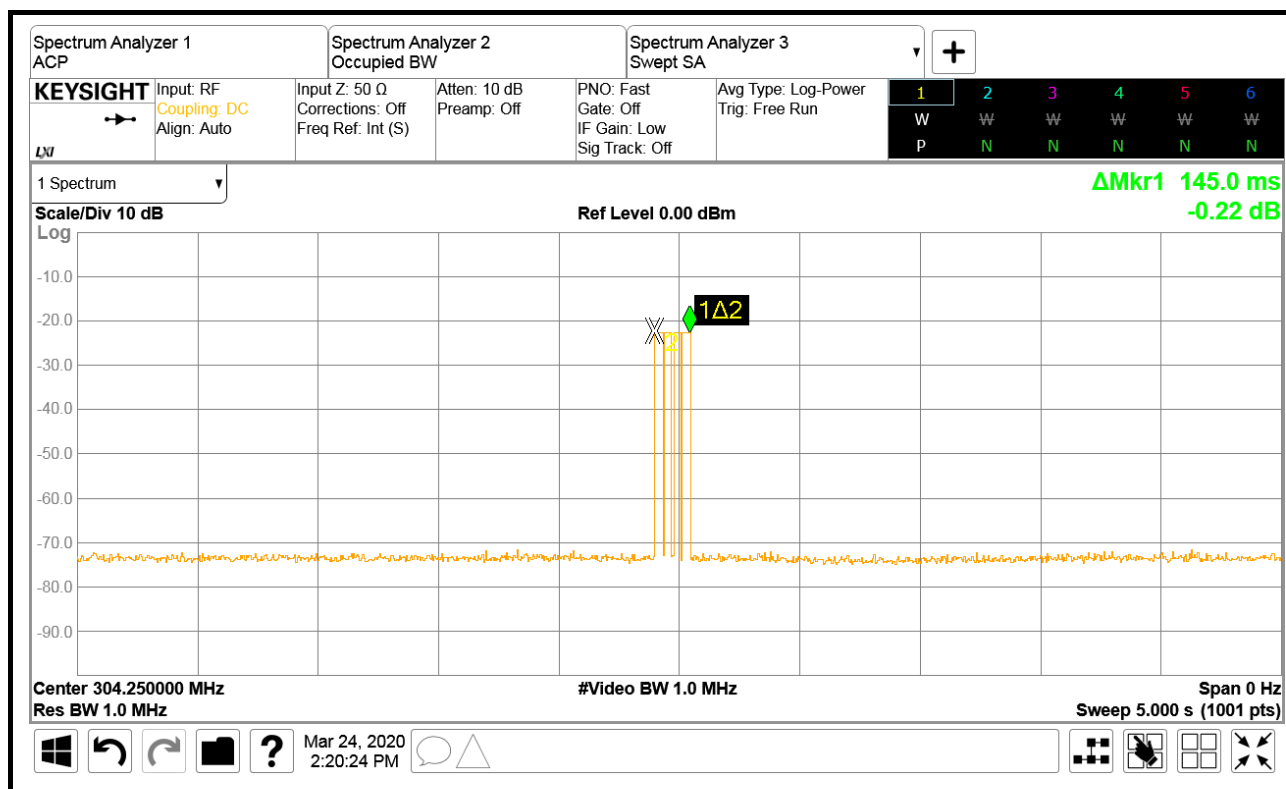
A.3 PERIODIC OPERATED MEASUREMENT

Test Date	2020/03/25	Temp./Hum.	24°C/62%
Test Voltage	DC 3V	Tested By	Sean Wang
Test Frequency	TX 304.25MHz	Test Model	TR262C

A.3.1 Periodic Operated

Center Frequency (MHz)	Time (Sec.)	Limit (Sec.)
304.25	0.145	< 5

A.3.2 Measurement Plots





Audix Technology Corp.

No. 53-11, Dingfu, Linkou, Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301

Fax: +886 2 26099303

APPDNDIX B

TEST PHOTOGRAPHS

(Model: TR262C)