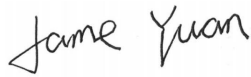




RF MEASUREMENT REPORT

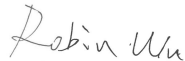
FCC ID: DD4ADTDG57
Applicant: Shure Incorporated
Product: Wireless Dual Transmitter
Model No.: ADTD G57, ADTD DC G57
Trade Mark: 
FCC Classification: Licensed LPAS Device (TLD)
FCC Rule Part(s): Part 74 Subpart H (Section 74.861)
Result: Complies
Received Date: 2026-01-19
Test Date: 2026-01-30 ~ 2026-02-04

Reviewed By:



Jame Yuan

Approved By:



Robin Wu



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report. Testing was performed in accordance with the applicable measurement procedures. The test results reported herein apply only to the specific item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.



Revision History

Report No.	Version	Description	Issue Date	Note
R26S1023017-U202	V01	Initial Report	2026-03-17	Valid

Note: This product has previously obtained FCC approval (FCC ID: DD4ADTDG57). New operating modes are added via software modification, based on report No. R25S1019045-U201.

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1. General Information

1.1. Applicant

Shure Incorporated

5800 West Touhy Avenue, Niles, IL 60714-4608, USA

1.2. Manufacturer

Shure Incorporated

5800 West Touhy Avenue, Niles, IL 60714-4608, USA

1.3. Testing Facility

☒	Test Site - MRT Suzhou Laboratory Laboratory Location (Suzhou - Wuzhong) D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China Laboratory Location (Suzhou - SIP) 4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China Laboratory Location (Suzhou - Wujiang) Building 1, No.1 Xingdong Road, Wujiang, Suzhou, Jiangsu, People's Republic of China Laboratory Accreditations A2LA: 3628.01CNAS: L10551 FCC: CN1166ISED: CN0001
☐	Test Site - MRT Shenzhen Laboratory Laboratory Location (Shenzhen) 1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China Laboratory Accreditations A2LA: 3628.02 FCC: CN1284ISED: CN0105
☐	Test Site - MRT Taiwan Laboratory Laboratory Location (Taiwan) No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) Laboratory Accreditations TAF: 3261 FCC: 291082, TW3261ISED: TW3261

1.4. Product Information

Product Name	Wireless Dual Transmitter
Model No.	ADTD G57, ADTD DC G57
Serial No.	2DA31999902
Radio Specification	UHF Microphone Transmitter
Antenna Information	Refer to section 1.7
Operating Temperature	-18 ~ 50 °C
Network Interface	10/100/1000 Mbps, Dante Digital Audio
Power Type	AC Power Input (100 ~ 240 V AC) & DC Power Input (12 ~ 48 V) AC Power Output (100 ~ 240 V AC)
Accessory	
8 Port Antenna Combiner	Model: AD8C, AD8C DC AC Ver.: 100 - 240 V ~, 50/60 Hz, 0.76 A max (5.76 A max outlet loaded), DC Ver.: 12 - 48 V DC, 4 A max
Note 1: The information of the EUT (Equipment Under Test) was provided by the manufacturer. The accuracy, completeness, and validity of the information are solely the responsibility of the manufacturer. Note 2: ADTD G57 and ADTD DC G57 are completely same except power supply difference, ADTD G57 supports AC power supply, while ADTD DC G57 supports both AC and DC power supply. Note 3: AD8C and AD8C DC are completely same except power supply difference, AD8C supports AC power supply, while AD8C DC supports both AC and DC power supply.	

1.5. Radio Specification under Test

Transmission Mode	SC Narrowband
Frequency Range	470 ~ 608 MHz
Declared Power Level	Low & Mid & High
Type of Modulation	SC Narrowband: 16QAM
Declared Occupied Bandwidth	SC Narrowband: 200 kHz
Channel Spacing	25 kHz
RF Connector Type	BNC

1.6. Working Frequencies

Bottom Channel (MHz)	Middle Channel (MHz)	Top Channel (MHz)
SC Narrowband		
470.125	539.000	607.875

1.7. Antenna Details

Antenna Type	Frequency Band (MHz)	Manufacturer	Peak Gain (dBi)
Dipole	470 ~ 608	Shure	1.10

2. Test Configuration

2.1. Test Mode

Mode 1: Transmit at G57 Band by SC Narrowband (Max Power Level = 100 mW)
Mode 2: Transmit at G57 Band by SC Narrowband, combined (Max Power Level = 20 mW)

2.2. Test Software

Power level and transmit frequency can be selected using the front panel controls.

2.3. Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 74.861
- KDB 206256 D01 v03
- ANSI C63.26-2015
- ETSI EN 300 422 - 1 V 2.2.1

2.4. Test Environment Condition

Ambient Temperature	15 ~ 35 °C
Relative Humidity	20 ~ 75%RH

3. Measuring Instrument

Instrument	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
Signal Analyzer	Keysight	N9010B	MRTSUE06558	1 year	2026-05-17	WZ-SR5
Thermohygrometer	testo	608-H1	MRTSUE06402	1 year	2026-04-24	WZ-SR5
USB Power Sensor	Keysight	U2021XA	MRTSUE06447	1 year	2026-06-17	WZ-SR5
Shielding Room	HUAMING	WZ-SR5	MRTSUE06442	N/A	N/A	WZ-SR5
Attenuator	MVE	MVE2213	MRTSUE11091	1 year	2026-06-02	WZ-SR5
RF Cable	UCwave	UCE500	MRTSUE07383	1	2026-07-20	WZ-SR5
TRILOG Antenna	Schwarzbeck	VULB 9162	MRTSUE06022	1 year	2026-03-22	WZ-AC2
EMI Test Receiver	Agilent	N9038A	MRTSUE06125	1 year	2026-04-26	WZ-AC2
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06171	1 year	2026-09-12	WZ-AC2
Preamplifier	Schwarzbeck	BBV 9718	MRTSUE06176	1 year	2026-03-18	WZ-AC2
Anechoic Chamber	RIKEN	WZ-AC2	MRTSUE06213	1 year	2026-04-17	WZ-AC2
Thermohygrometer	testo	608-H1	MRTSUE11263	1 year	2026-10-08	WZ-AC2

Software	Version	Function
e3	230711	RE & CE
Controller_MF 7802	1.02	RE Antenna & Turntable
Agilent Power Panel	V 3.9	Power

4. Decision Rules and Measurement Uncertainty

4.1. Decision Rules

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2.
(Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

4.2. Measurement Uncertainty

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

AC Conducted Emission Measurement	
The maximum measurement uncertainty is evaluated as:	
9 kHz ~ 150 kHz: 3.59 dB	
150 kHz ~ 30 MHz: 3.20 dB	
Radiated Emission Measurement	
The maximum measurement uncertainty is evaluated as:	
Coaxial:	9 kHz ~ 30 MHz: 2.56 dB
Coplanar:	9 kHz ~ 30 MHz: 2.55 dB
Horizontal:	30 MHz ~ 200 MHz: 3.48 dB
	200 MHz ~ 1 GHz: 4.17 dB
	1 GHz ~ 40 GHz: 5.01 dB
Vertical:	30 MHz ~ 200 MHz: 4.09 dB
	200 MHz ~ 1 GHz: 5.30 dB
	1 GHz ~ 40 GHz: 4.85 dB
Spurious Emissions, Conducted	
Measuring Uncertainty for a Level of Confidence of 95% ($U=2 U_c(y)$): 2.9 dB	
Output Power	
Measuring Uncertainty for a Level of Confidence of 95% ($U=2 U_c(y)$): 1.4 dB	
Occupied Bandwidth	
Measuring Uncertainty for a Level of Confidence of 95% ($U=2 U_c(y)$): 2.6%	

5. Test Result

5.1. Summary

FCC Part Section(s)	Test Description	Test Condition	Test Result
74.861(e)(1)(ii)(iii)	RF Output Power	Conducted	Pass
74.861(e)(3)	Modulation		N/A
74.861(e)(4)	Frequency tolerance		NP
74.861(e)(5)	99% Occupied Bandwidth		Pass
74.861(e)(6)	Out of Band Emission		Pass
74.861(e)(7) (ii)	Emission Mask		Pass
74.861(e)(7) (iv)	Radiated Spurious Emission	Radiated	Pass

Notes:

1. All analyzer plots presented in this section were captured with a correction table applied. The correction table compensates for the losses introduced by the cables and attenuators used in the setup to connect the EUT to the analyzer across all relevant frequencies.
2. "N/A" means that this requirement applies to frequency modulation, therefore, testing is not required.
3. "NP" means that the item was previously evaluated in the original test report and no additional testing is required for this modification.

5.2. RF Output Power Measurement

5.2.1. Test Limit

470 - 608 MHz band: 250 mW conducted power.

5.2.2. Test Procedure

ANSI C63.26-2015 - Section 5.2.4.2

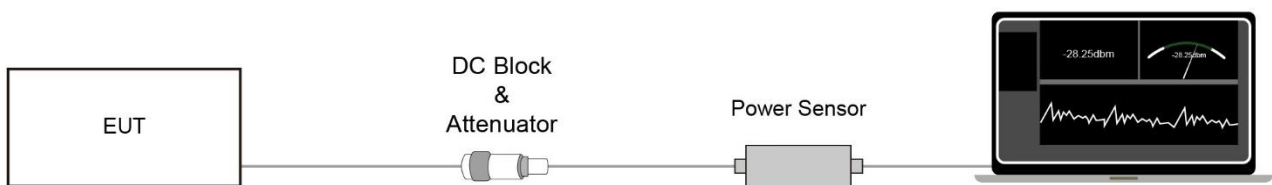
5.2.3. Test Setting

The output of the EUT was connected to an RF average power meter through fixed attenuation.

The EUT was set to transmit on the low, middle, and high frequencies in each power level.

Measure the average power of the transmitter.

5.2.4. Test Setup



5.2.5. Test Result

Refer to Appendix A.1.

5.3. Frequency tolerance Measurement

5.3.1. Test Limit

The frequency tolerance of the transmitter shall be 0.005 percent.

5.3.2. Test Procedure

ANSI C63.26 - Section 5.6.3

5.3.3. Test Setting

Frequency Stability Under Temperature Variations:

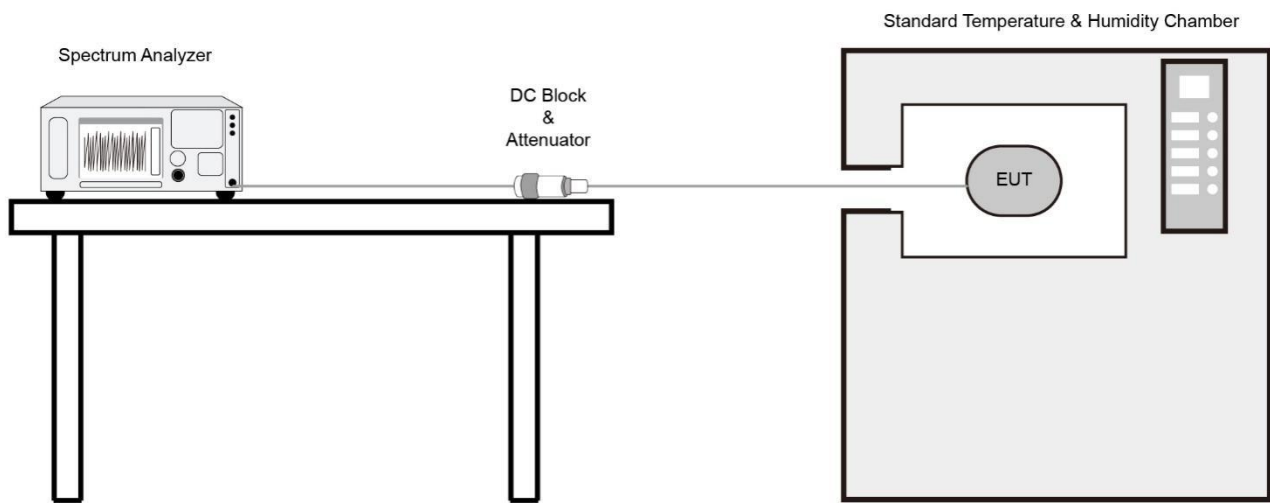
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20 °C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10 °C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20 °C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ($\pm 15\%$) and endpoint (If a product is specified to operate over a range of input voltage then the -15% variation is applied to the lowermost voltage and the +15% is applied to the uppermost voltage), record the maximum frequency change.

5.3.4. Test Setup



5.3.5. Test Result

NP

5.4. 99% Occupied Bandwidth Measurement

5.4.1. Test Limit

The operating bandwidth shall not exceed 200 kilohertz, except that a wireless multichannel audio system must have an operating bandwidth not exceeding 6 megahertz in the TV bands or 4 megahertz in the 653-657 MHz band.

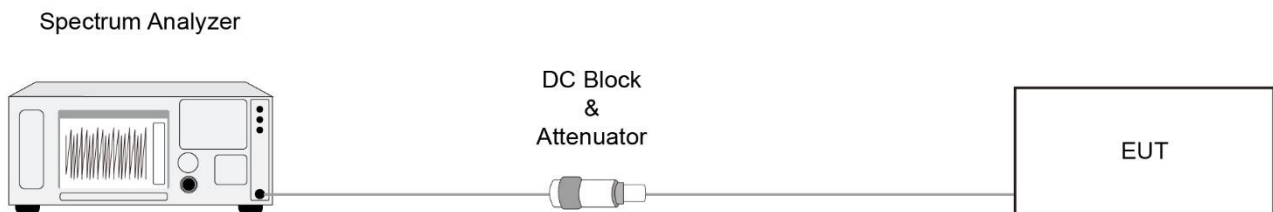
5.4.2. Test Procedure

ANSI C63.26-2015 - Section 5.4.4

5.4.3. Test Setting

1. The signal analyzer's automatic bandwidth measurement capability was used to perform the 99% occupied bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 1 - 5% of the expected OBW
3. VBW $\geq 3 \times$ RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. The trace was allowed to stabilize
8. Reported the measured 99% occupied bandwidth

5.4.4. Test Setup



5.4.5. Test Result

Refer to Appendix A.2.

5.5. Modulation Measurement

5.5.1. Test Limit

A maximum deviation of ± 75 kHz is permitted when frequency modulation is employed.

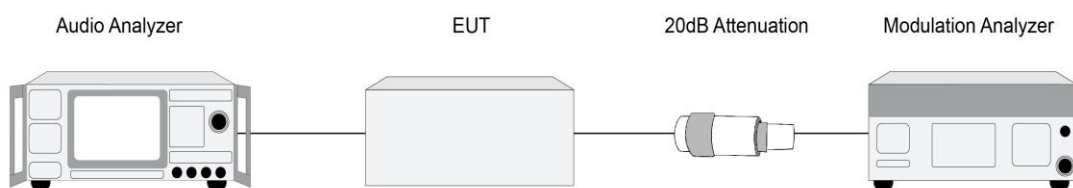
5.5.2. Test Procedure

ANSI C63.26-2015 - Section 5.3.2

5.5.3. Test Setting

1. Connect the equipment following the below figure.
2. Apply a 1000 Hz modulating signal to the transmitter from the audio frequency generator, and adjust the level to obtain 60% of full rated system deviation. This is the 0 dB reference level.
3. Increase the level from the audio generator by 20 dB in 5 dB increments recording the deviation as measured from the test receiver in each step. Verify that the audio level used to make the OBW measurement is included in the sweep.
4. Repeat for step 3) at 300 Hz, 2500 Hz and 3000 Hz at a minimum using the 0 dB reference level obtained in step 2).
5. Set the test receiver to measure peak negative deviation and repeat step 2) through step 4).
6. The values recorded in step 4) and step 5) are the modulation limiting.

5.5.4. Test Setup



5.5.5. Test Result

N/A

5.6. Out of Band Emission Measurement

5.6.1. Test Limit

The mean power of emissions shall be attenuated below the mean output power of the transmitter in accordance with the following schedule:

- (i) On any frequency removed from the operating frequency by more than 50 percent up to and including 100 percent of the authorized bandwidth: at least 25 dB;
- (ii) On any frequency removed from the operating frequency by more than 100 percent up to and including 250 percent of the authorized bandwidth: at least 35 dB;
- (iii) On any frequency removed from the operating frequency by more than 250 percent of the authorized bandwidth: at least $43 + 10 \times \log_{10}$ (mean output power in watts) dB.

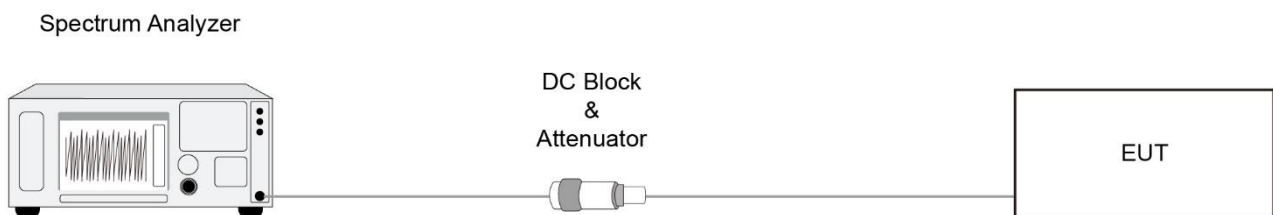
5.6.2. Test Procedure

ANSI C63.26 - Section 5.7

5.6.3. Test Setting

- a) The EUT was connected to a spectrum analyzer.
- b) The EUT was modulated with typical digital modulation.
- c) Set span to $2 \times$ to $3 \times$ the OBW
 - Set $RBW \geq OBW$;
 - Set $VBW \geq 3 \times RBW$;
 - sweep time set to Auto,
 - Detector = power averaging (rms)
 - Use the peak marker function to determine the maximum amplitude level
- d) The RMS output power was recorded and used to set the reference level on the spectrum analyzer.
- e) The spectrum analyzer span was then set to $5 \times$ the OBW;
 - RBW set to 1% of the OBW, VBW set to $3 \times RBW$, sweep time to Auto.

5.6.4. Test Setup



5.6.5. Test Result

Refer to Appendix A.3.

5.7. Emission Mask Measurement

5.7.1. Test Limit

(i) Analog systems. Emissions within the band from $2.5 \times B$ below to $2.5 \times B$ above the carrier frequency, where B is the channel bandwidth, shall comply with the Out of Band Emission in Figure 1 of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11) (incorporated by reference, see § 74.35).

(ii) Digital systems. Emissions within the band from $2.5 \times B$ below to $2.5 \times B$ above the carrier frequency, where B is the channel bandwidth, shall comply with the Out of Band Emission in Figure 2 of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11) (incorporated by reference, see § 74.35).

(iii) Wireless Multichannel Audio Systems. Emissions within the band from $2.5 \times B$ below to $2.5 \times B$ above the carrier frequency, where B is the channel bandwidth, shall comply with the Out of Band Emission in Figure 3 of section 4.2.4.2.2 of ETSI EN 300 422-1 V2.2.1 (2021-11), (incorporated by reference, see § 74.35).

The mean Power Density, measured with 1 kHz measurement bandwidth and RMS detector, of the transmitter unwanted emissions shall not exceed the limits of the masks provided in figure 1 for equipment employing analogue modulation and figure 2 for equipment employing digital modulation, but excluding WMAS. B is the Declared Channel Bandwidth.

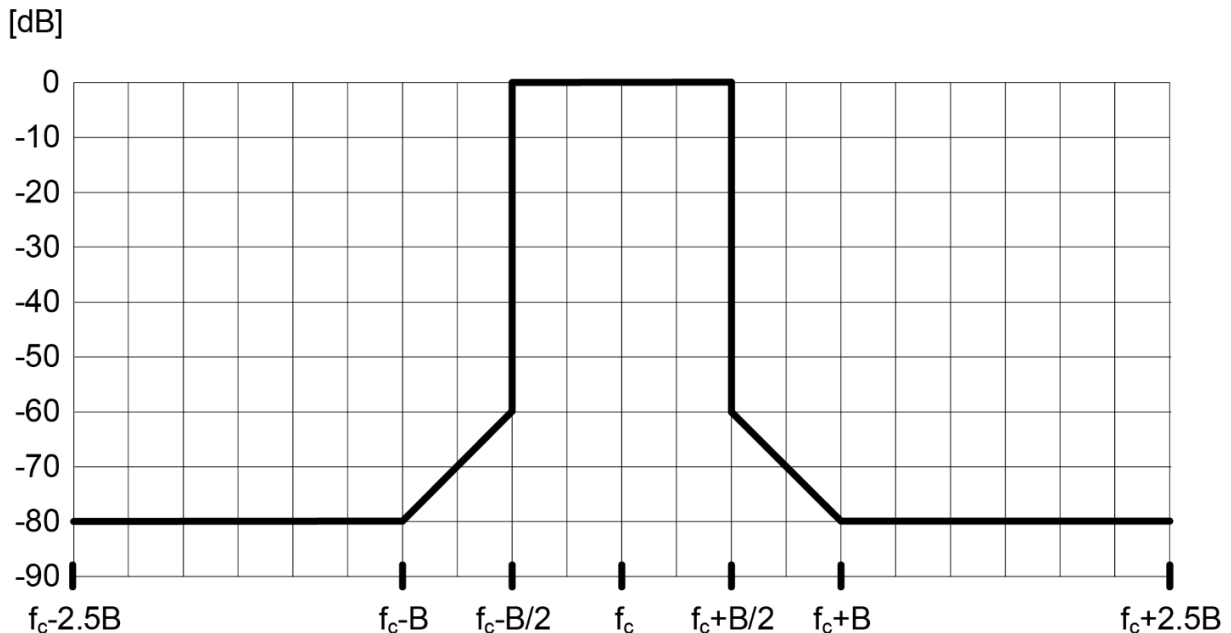


Figure 1: Transmit spectral power mask for equipment employing analogue modulation, RBW = 1 kHz



Figure 2: Transmit spectral power mask for equipment employing digital modulation, except WMAS, RBW = 1 kHz

The limits in figure 3 are applicable for WMAS, where B is the Declared Channel Bandwidth.

The mean Power Density, measured with 100 kHz measurement bandwidth and PEAK detector, of the transmitter unwanted emissions shall not exceed the limits of the mask provided in figure 3.

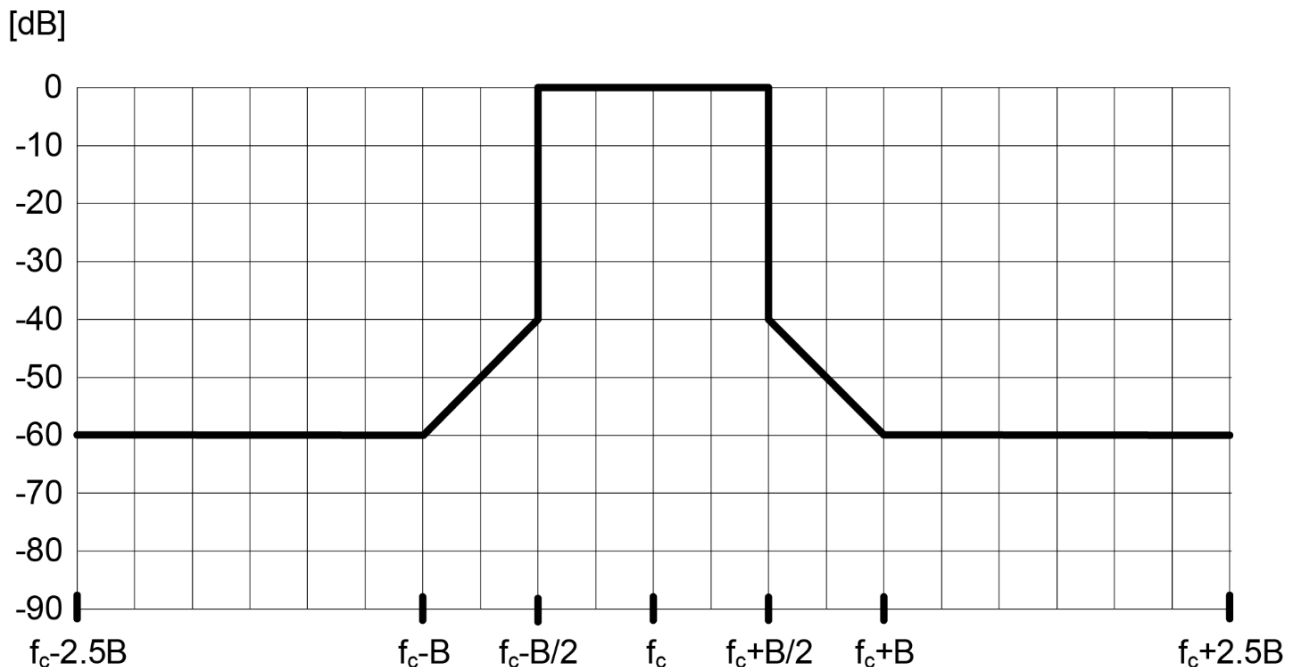


Figure 3: Transmit spectral power mask for WMAS, RBW = 100 kHz

The limits in figure 3 are provided with RBW = 100 kHz. The relevant measurements can also be performed with other RBW for certain ranges of B, accounting that the relevant limit given under RBW = 100 kHz needs to be converted appropriately by adding $c = 10 \times \log_{10} (\text{RBW}/100 \text{ kHz})$ for correction.

Table 1: Correction Factor for different B and applicable RBW

B	RBW, VBW	c = correction factor
$B < 2 \text{ MHz}$	10 kHz	-10 dB
$2 \text{ MHz} \leq B < 5 \text{ MHz}$	25 kHz	-7 dB
$5 \text{ Hz} \leq B \leq 20 \text{ MHz}$	100 kHz	0 dB

5.7.2. Test Procedure

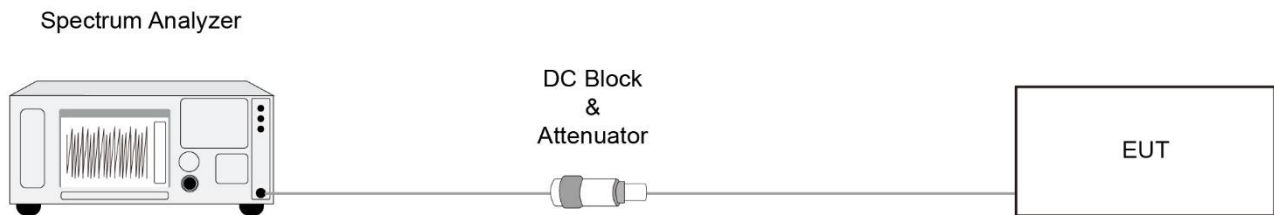
EN 300 422-1 V2.2.1 clause 5.4.3.2.

5.7.3. Test Setting

The EUT was powered up and the transmit frequency & power output of the EUT were selected.

The spectrum analyzer center frequency is set to the nominal EUT channel frequency.

5.7.4. Test Setup



5.7.5. Test Result

Refer to Appendix A.4.

5.8. Radiated Spurious Emissions Measurement

5.8.1. Test Limit

Spurious emission limits. Emissions outside of the Out of Band Emissions listed in paragraphs (e)(7)(i) through (e)(7)(iii) shall comply with the limits specified in section 4.2.4.1.2 of ETSI EN 300 422-1 V2.2.1 (2021-11) (incorporated by reference, see § 74.35).

The level of transmitter unwanted emissions in the spurious domain shall not exceed the limits given in table Transmitter unwanted emission limits

Frequency Range	Maximum power	RBW
9 kHz - 150 kHz	-36 dBm	1 kHz
150 kHz - 30 MHz	-36 dBm	10 kHz
30 MHz - 1 GHz	-36 dBm	$F_c + 2.5 B \leq f \leq F_c + 4 B$: 1 kHz $F_c + 4 B < f \leq F_c + 10 B$: 10 kHz $f > F_c + 10 B$: 100 kHz $f < F_c - 10 B$: 100 kHz $F_c - 10 B \leq f < F_c - 4 B$: 10 kHz $F_c - 4 B \leq f \leq F_c - 2.5 B$: 1 kHz
Except:		
47 MHz to 74 MHz 87.5 MHz to 118 MHz	-54 dBm	100 kHz
174 MHz to 230 MHz 470 MHz to 862 MHz	-54 dBm	$F_c + 2.5 B \leq f \leq F_c + 4 B$: 1 kHz $F_c + 4 B < f \leq F_c + 10 B$: 10 kHz $f > F_c + 10 B$: 100 kHz $f < F_c - 10 B$: 100 kHz $F_c - 10 B \leq f < F_c - 4 B$: 10 kHz $F_c - 4 B \leq f \leq F_c - 2.5 B$: 1 kHz
$1 \text{ GHz} < f \leq F_{\text{upper}}$	-30 dBm	$F_c + 2.5 B \leq f \leq F_c + 10 B$: 30 kHz $F_c + 10 B < f \leq F_c + 12 B$: 300 kHz $f > F_c + 12 B$: 1 MHz $f < F_c - 12 B$: 1 MHz $F_c - 12 B \leq f < F_c - 10 B$: 300 kHz $F_c - 10 B \leq f \leq F_c - 2.5 B$: 30 kHz
With B being the Declared Channel Bandwidth. F_{upper} is defined in table 2.		

Table 2: Frequency range for measurement of unwanted emissions

Applicable fundamental frequency range	Frequency range for measurements	
	Lower frequency	Upper frequency
9 kHz - 100 MHz	9 kHz	1 GHz
100 MHz - 300 MHz	9 kHz	10th harmonic of the operating frequency
300 MHz - 600 MHz	30 MHz	3 GHz
600 MHz - 3 GHz	30 MHz	5th harmonic of the operating frequency

5.8.2. Test Procedure

ETSI EN 300 422-1 V2.2.1 clause 5.4.4

5.8.3. Test Setting

Table 3 - RBW as a function of frequency

Frequency	RBW
30 ~ 1000 MHz	100 kHz
1000 ~ 7000 MHz	1 MHz

Emissions shall be investigated up to the 10th harmonic of the fundamental.

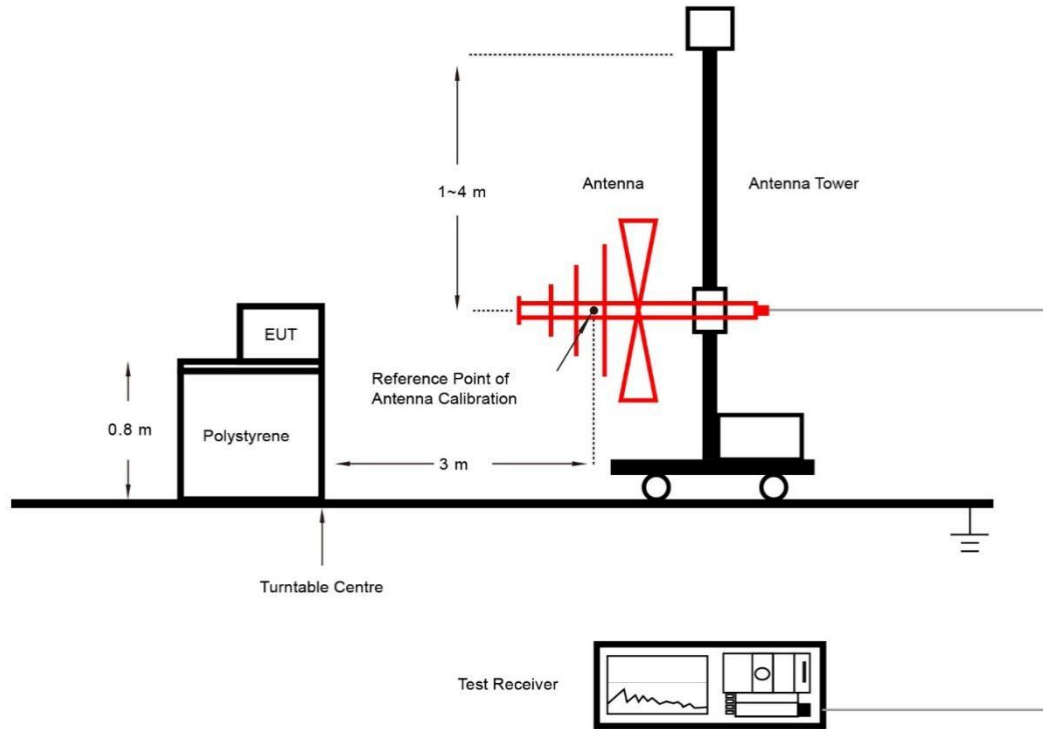
Compliance with the emission limits shall be demonstrated using an RMS Average detector.

All significant broadband and narrowband signals found in the preliminary sweeps were measured using a peak detector at a test distance of 3 meters.

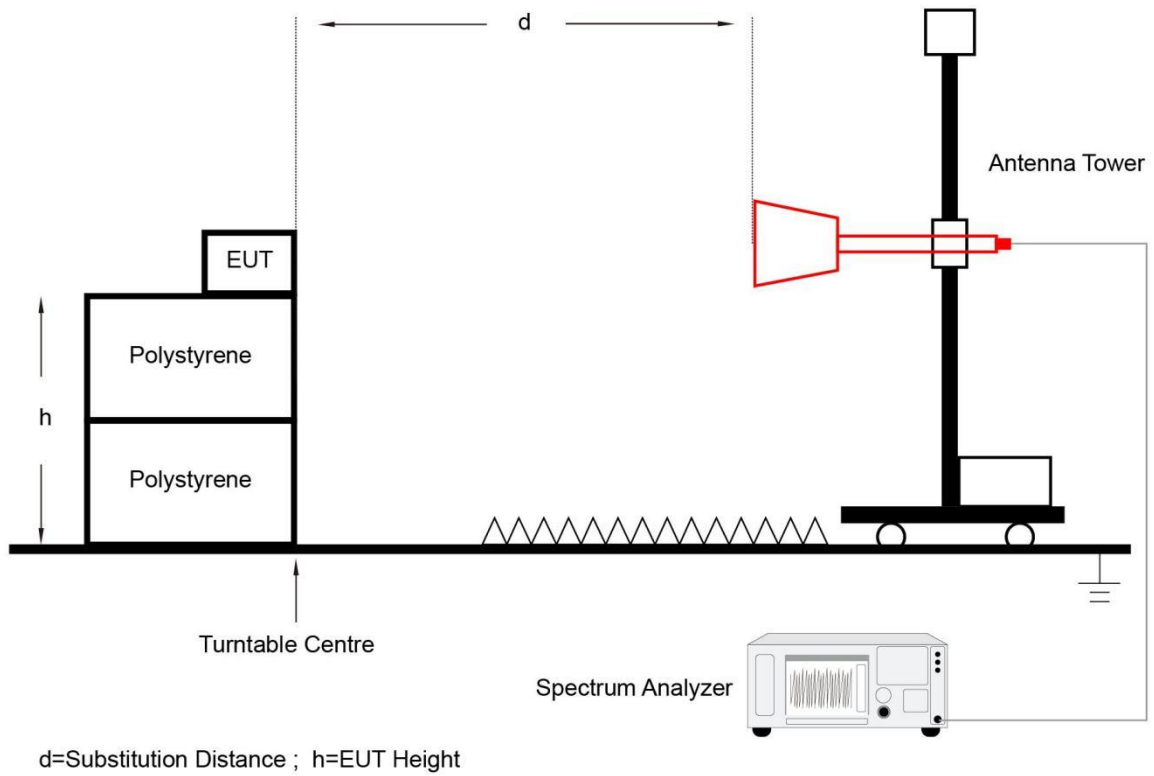
At each frequency at which a component is detected, the sample shall be rotated to obtain maximum response and the effective radiated power of that component determined by a substitution measurement.

5.8.4. Test Setup

Below 1 GHz Test Setup:



Above 1 GHz Test Setup:



5.8.5. Test Result

Refer to Appendix A.5.

Appendix A - Test Result

A.1 RF Output Power Test Result

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2026-02-02	Test Mode	Mode 1 Single Port

Frequency (MHz)	Conducted Output Power (dBm)		Limit (dBm)	Test Result
	Port A	Port B		
100 mW Power Level				
470.125	19.58	19.83	≤ 23.98	Pass
539.000	18.36	19.23	≤ 23.98	Pass
607.875	18.76	18.69	≤ 23.98	Pass

Note: Limit = $10 \times \text{Log} (250 \text{ mW}) = 23.98 \text{ (dBm)}$.

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2026-02-02	Test Mode	Mode 1 Single Port A with AD8C

Frequency (MHz)	Conducted Output Power (dBm)	Limit (dBm)	Test Result
100 mW Power Level			
470.125	18.71	≤ 23.98	Pass
539.000	17.07	≤ 23.98	Pass
607.875	17.18	≤ 23.98	Pass

Note: Limit = $10 \times \text{Log} (250 \text{ mW}) = 23.98 \text{ (dBm)}$.

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2026-02-02	Test Mode	Mode 1 Multi Ports

Frequency (MHz)	Conducted Output Power (dBm)		Total Conducted Output Power (dBm)	Limit (dBm)	Test Result
	Port A	Port B			
100 mW Power Level					
470.125	19.58	19.83	22.72	≤ 23.98	Pass
539.000	18.36	19.23	21.83	≤ 23.98	Pass
607.875	18.76	18.69	21.74	≤ 23.98	Pass

Note 1: Limit = $10 \times \text{Log} (250 \text{ mW}) = 23.98 \text{ (dBm)}$.

Note 2: Total Conducted Output Power (dBm) = $10 \times \log\{10^{(\text{Port A}/10)} + 10^{(\text{Port B}/10)}\} \text{ (dBm)}$.

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2026-02-02	Test Mode	Mode 2

Frequency (MHz)		Conducted Output Power (dBm)	Limit (dBm)	Test Result
F1	F2			
20 mW Power Level				
470.125	470.475	16.85	≤ 23.98	Pass
539.000	539.350	15.35	≤ 23.98	Pass
607.875	607.525	15.29	≤ 23.98	Pass

Note: Limit = $10 \times \log(250 \text{ mW}) = 23.98 \text{ (dBm)}$.

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2026-02-02	Test Mode	Mode 2 with AD8C

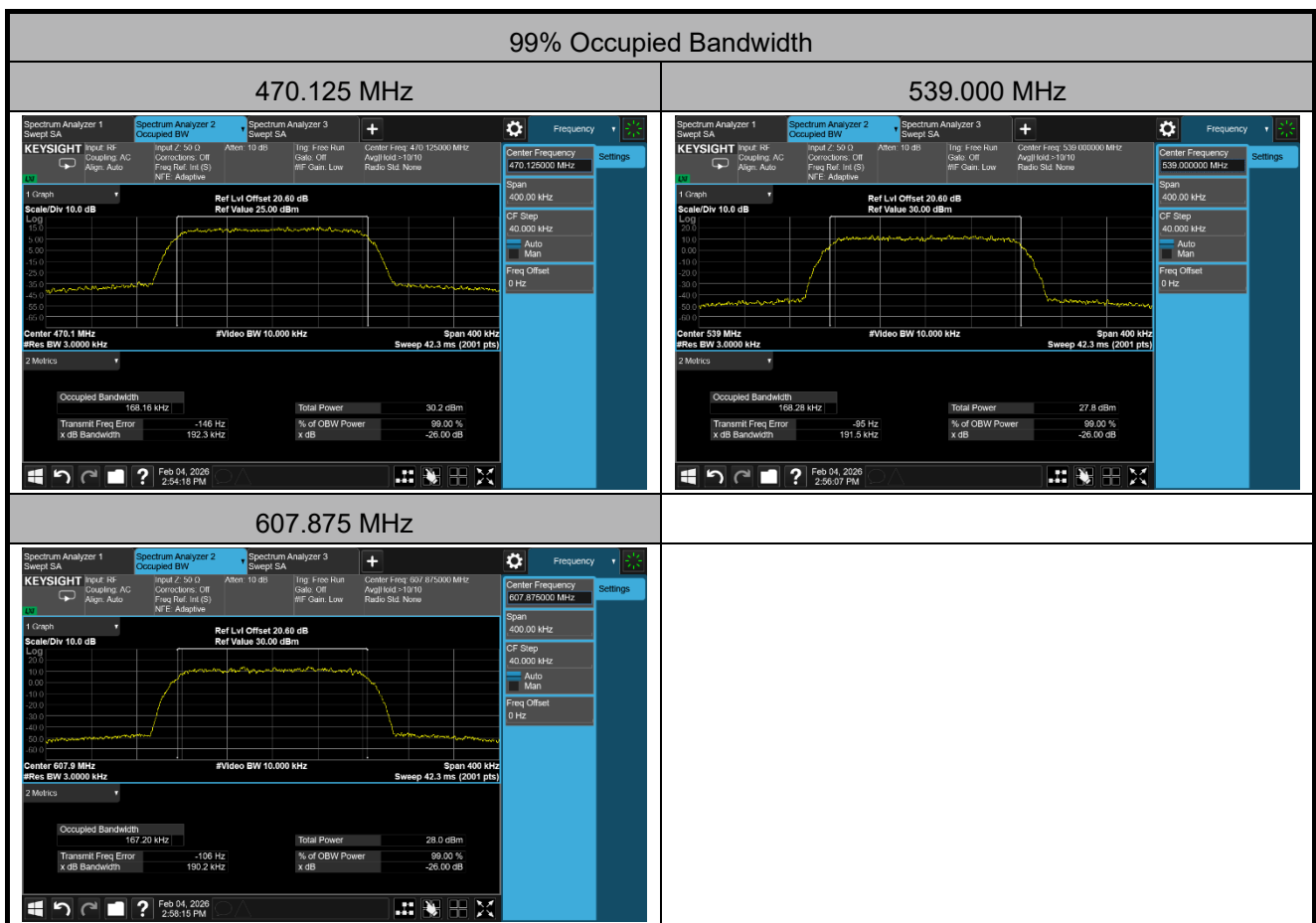
Frequency (MHz)		Conducted Output Power (dBm)	Limit (dBm)	Test Result
F1	F2			
20 mW Power Level				
470.125	470.475	14.73	≤ 23.98	Pass
539.000	539.350	12.32	≤ 23.98	Pass
607.875	607.525	12.74	≤ 23.98	Pass

Note: Limit = $10 \times \log(250 \text{ mW}) = 23.98 \text{ (dBm)}$.

A.2 99% Occupied Bandwidth Test Result

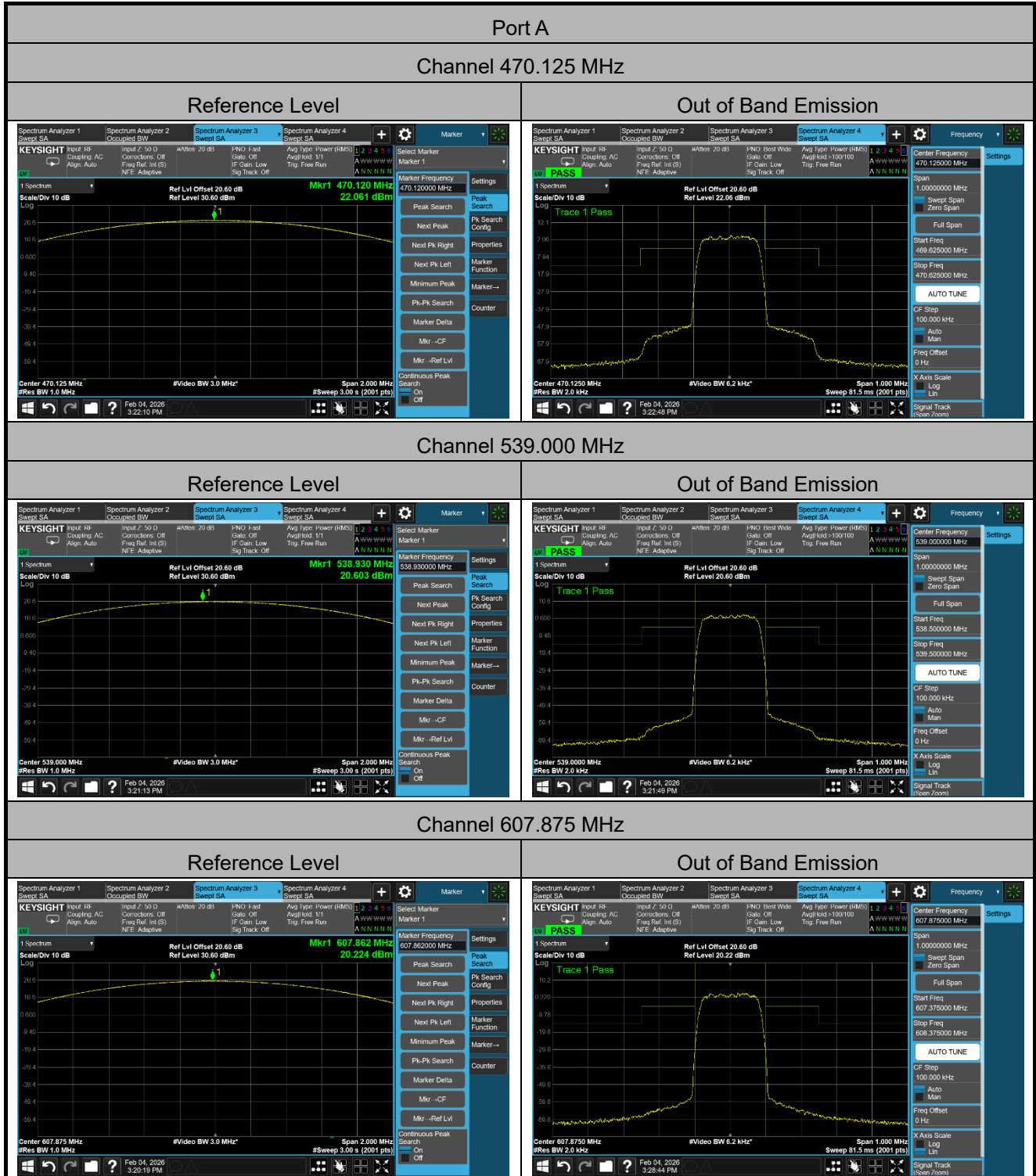
Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2026-02-04	Test Mode	Mode 1

Frequency (MHz)	99% Occupied Bandwidth (kHz)	Limit (kHz)	Result
470.125	168.16	< 200	Pass
539.000	168.28	< 200	Pass
607.875	167.20	< 200	Pass



A.3 Out of Band Emission Test Result

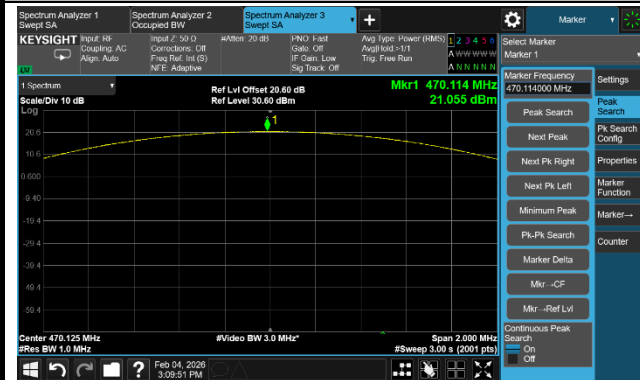
Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2026-02-04	Test Mode	Mode 1



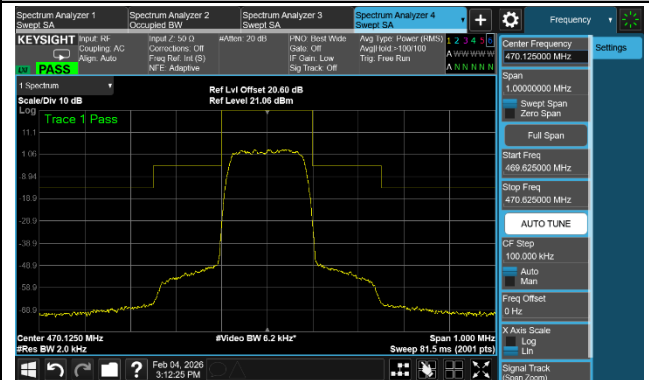
Port B

Channel 470.125 MHz

Reference Level

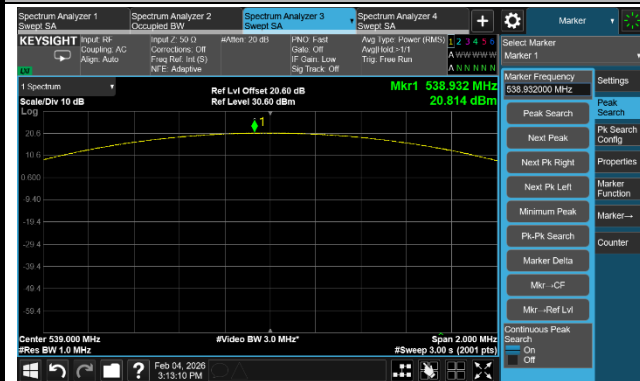


Out of Band Emission

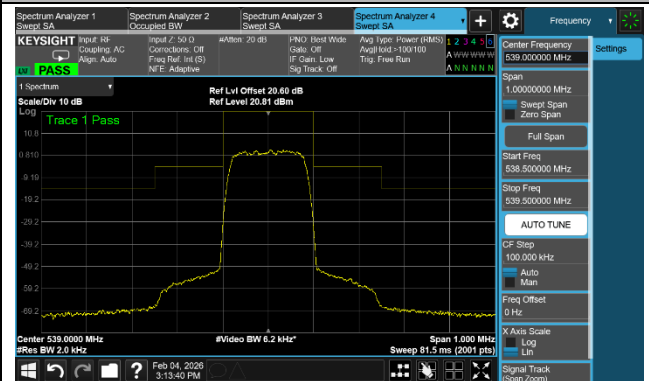


Channel 539.000 MHz

Reference Level

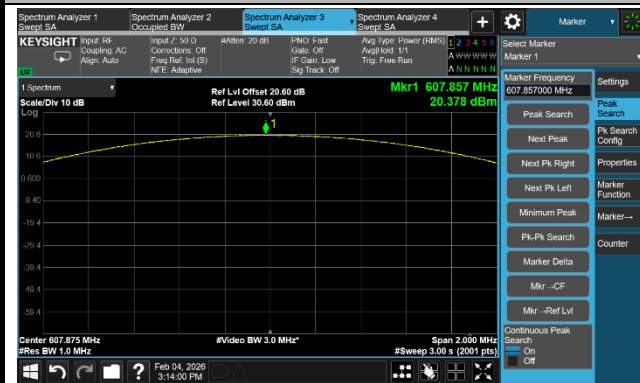


Out of Band Emission

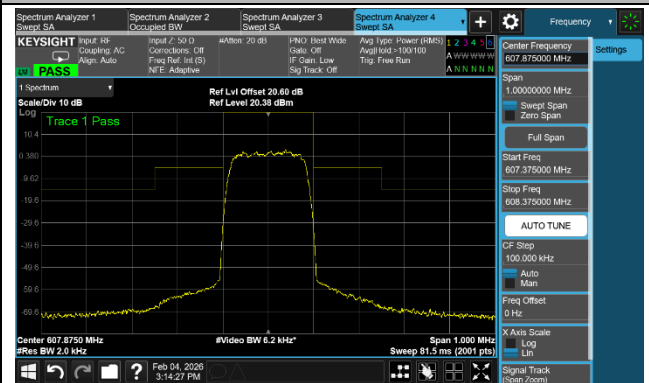


Channel 607.875 MHz

Reference Level

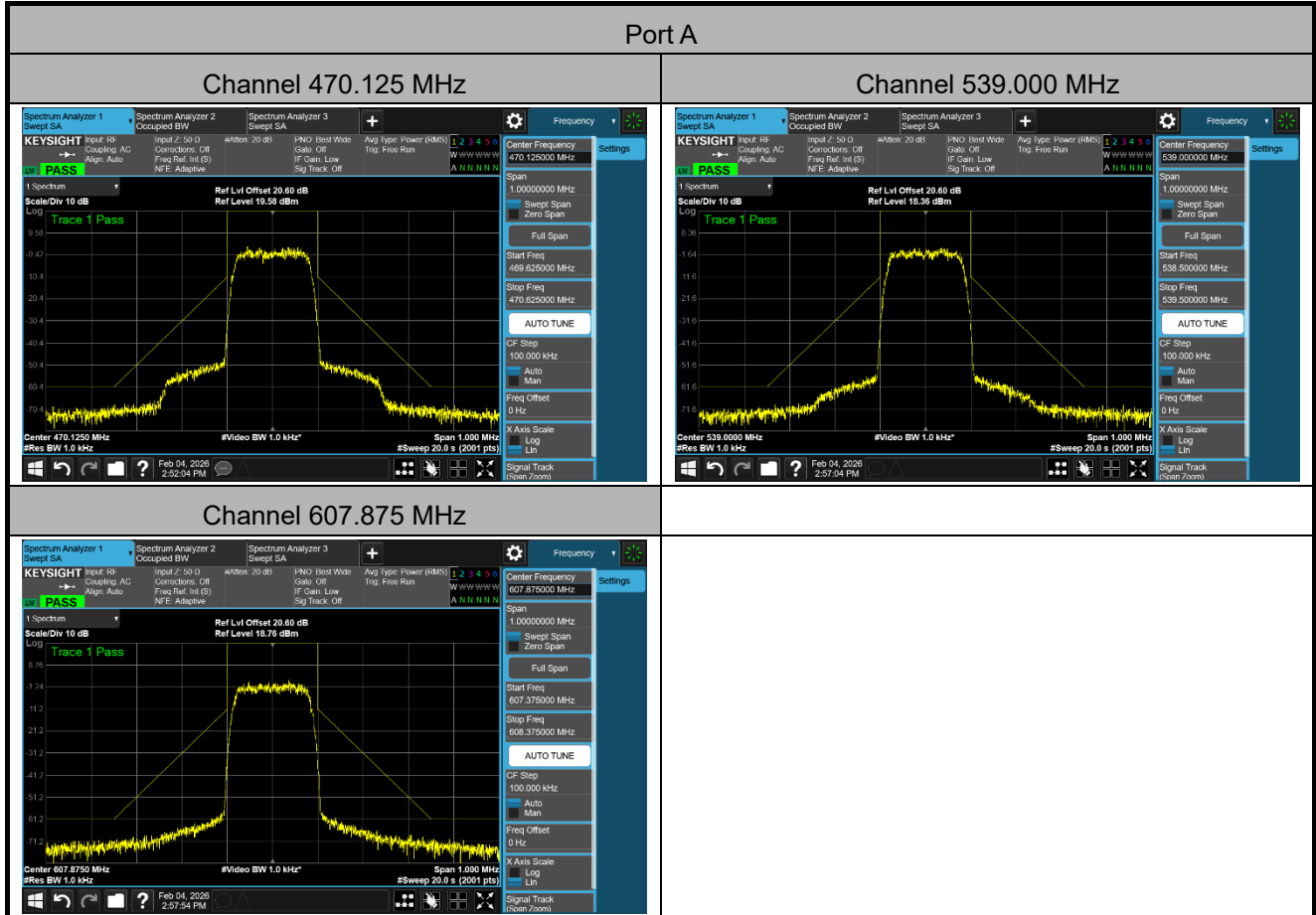


Out of Band Emission



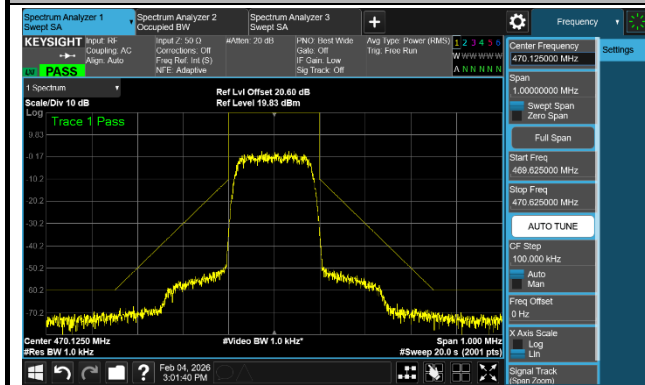
A.4 Emission Mask Test Result

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2026-02-04	Test Mode	Mode 1

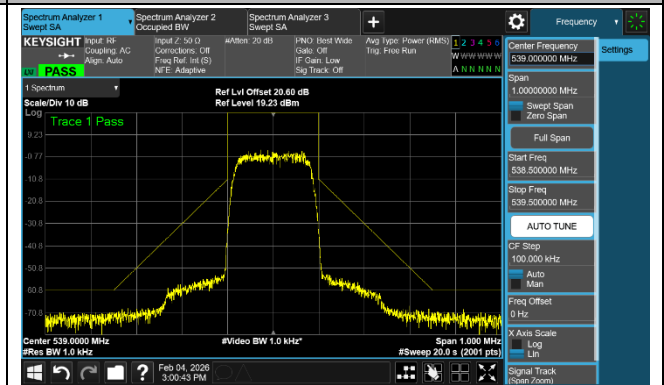


Port B

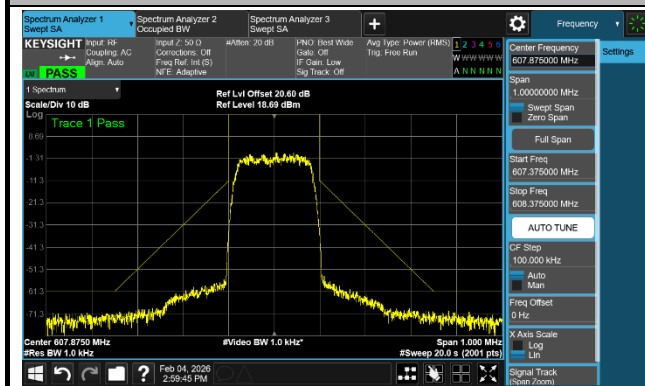
Channel 470.125 MHz



Channel 539.000 MHz



Channel 607.875 MHz



A.5 Radiated Spurious Emissions Test Result

Test Site	WZ-AC2	Test Engineer	Jerry Lu
Test Date	2026-02-04	Test Mode	Mode 1 Port A

Test Channel (MHz)	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
470.125	186.56	-100.37	24.39	-75.98	-54.00	-21.98	Peak	Horizontal
	835.00	-102.62	35.84	-66.78	-54.00	-12.78	Peak	Horizontal
	229.63	-101.88	30.84	-71.04	-54.00	-17.04	Peak	Vertical
	500.00	-98.92	33.41	-65.51	-54.00	-11.51	RMS	Vertical
	5844.40	-69.77	16.11	-53.66	-30.00	-23.66	Peak	Horizontal
	6821.80	-71.58	19.06	-52.52	-30.00	-22.52	Peak	Horizontal
	5140.00	-69.77	14.10	-55.67	-30.00	-25.67	Peak	Vertical
	6992.20	-73.40	19.90	-53.50	-30.00	-23.50	Peak	Vertical

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) - Antenna Gain (dBi) - 2.15 (dB)

Note 3: RMS measurement was not performed when peak measure level was lower than the RMS limit.



Test Site	WZ-AC2	Test Engineer	Jerry Lu
Test Date	2026-02-04	Test Mode	Mode 1 Port B

Test Channel (MHz)	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
470.125	198.00	-100.75	25.62	-75.13	-54.00	-21.13	Peak	Horizontal
	831.22	-103.09	35.66	-67.43	-54.00	-13.43	Peak	Horizontal
	220.70	-100.99	30.82	-70.17	-54.00	-16.17	Peak	Vertical
	500.00	-99.07	33.51	-65.56	-54.00	-11.56	RMS	Vertical
	5913.40	-71.27	16.42	-54.85	-30.00	-24.85	Peak	Horizontal
	6873.40	-72.17	19.54	-52.63	-30.00	-22.63	Peak	Horizontal
	5881.60	-71.03	16.08	-54.95	-30.00	-24.95	Peak	Vertical
	6974.80	-72.95	19.81	-53.14	-30.00	-23.14	Peak	Vertical
539.000	183.94	-100.28	24.19	-76.09	-54.00	-22.09	Peak	Horizontal
	803.58	-101.89	35.51	-66.38	-54.00	-12.38	Peak	Horizontal
	500.00	-98.55	33.51	-65.04	-54.00	-11.04	RMS	Vertical
	550.07	-103.63	33.93	-69.70	-54.00	-15.70	RMS	Vertical
	5464.60	-70.36	14.70	-55.66	-30.00	-25.66	Peak	Horizontal
	6697.00	-71.57	19.52	-52.05	-30.00	-22.05	Peak	Horizontal
	6126.40	-71.51	16.28	-55.23	-30.00	-25.23	Peak	Vertical
	6985.60	-73.50	19.86	-53.64	-30.00	-23.64	Peak	Vertical
607.875	185.30	-100.33	24.29	-76.04	-54.00	-22.04	Peak	Horizontal
	824.92	-99.60	35.68	-63.92	-54.00	-9.92	Peak	Horizontal
	219.25	-102.96	30.67	-72.29	-54.00	-18.29	Peak	Vertical
	488.52	-100.29	33.59	-66.70	-54.00	-12.70	RMS	Vertical
	5060.20	-70.25	14.42	-55.83	-30.00	-25.83	Peak	Horizontal
	6890.20	-72.50	19.81	-52.69	-30.00	-22.69	Peak	Horizontal
	6005.20	-70.85	15.91	-54.94	-30.00	-24.94	Peak	Vertical
	6752.20	-71.41	18.33	-53.08	-30.00	-23.08	Peak	Vertical

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) - Antenna Gain (dBi) - 2.15 (dB)

Note 3: RMS measurement was not performed when peak measure level was lower than the RMS limit.

Test Site	WZ-AC2	Test Engineer	Ajin Fan
Test Date	2026-01-30	Test Mode	Mode 1

Test Channel (MHz)	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
470.125 + 470.475	198.00	-99.49	25.62	-73.87	-54.00	-19.87	Peak	Horizontal
	674.37	-102.09	33.83	-68.26	-54.00	-14.26	Peak	Horizontal
	500.00	-96.42	33.51	-62.91	-54.00	-8.91	RMS	Vertical
	584.16	-96.09	34.42	-61.67	-54.00	-7.67	Peak	Vertical
	1411.60	-62.87	7.93	-54.94	-30.00	-24.94	Peak	Horizontal
	6902.20	-73.43	19.96	-53.47	-30.00	-23.47	Peak	Horizontal
	4806.40	-70.79	14.09	-56.70	-30.00	-26.70	Peak	Vertical
	6888.40	-72.11	19.29	-52.82	-30.00	-22.82	Peak	Vertical
539.000 + 539.350	538.96	-98.79	31.50	-67.29	-54.00	-13.29	Peak	Horizontal
	681.55	-102.65	34.07	-68.58	-54.00	-14.58	Peak	Horizontal
	499.97	-96.33	33.51	-62.82	-54.00	-8.82	RMS	Vertical
	499.97	-92.10	33.51	-58.59	-54.00	-4.59	QP	Vertical
	564.86	-97.21	34.23	-62.98	-54.00	-8.98	Peak	Vertical
	4811.80	-69.68	14.44	-55.24	-30.00	-25.24	Peak	Horizontal
	6548.20	-71.37	18.13	-53.24	-30.00	-23.24	Peak	Horizontal
	1617.40	-58.39	5.68	-52.71	-30.00	-22.71	Peak	Vertical
607.525 + 607.875	6982.00	-73.63	19.84	-53.79	-30.00	-23.79	Peak	Vertical
	500.06	-99.77	31.10	-68.67	-54.00	-14.67	Peak	Horizontal
	797.76	-103.07	35.16	-67.91	-54.00	-13.91	Peak	Horizontal
	500.00	-97.50	33.51	-63.99	-54.00	-9.99	RMS	Vertical
	585.91	-97.38	34.46	-62.92	-54.00	-8.92	Peak	Vertical
	1216.00	-56.64	7.03	-49.61	-30.00	-19.61	Peak	Horizontal
	6894.40	-72.60	19.87	-52.73	-30.00	-22.73	Peak	Horizontal
	4819.60	-70.60	14.19	-56.41	-30.00	-26.41	Peak	Vertical
	6982.00	-73.31	19.84	-53.47	-30.00	-23.47	Peak	Vertical

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) - Antenna Gain (dBi) - 2.15 (dB)

Note 3: RMS measurement was not performed when peak measure level was lower than the RMS limit.

Test Site	WZ-AC2	Test Engineer	Ajin Fan
Test Date	2026-01-30	Test Mode	Mode 1 with AD8C

Test Channel (MHz)	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
470.125 + 470.475	695.61	-103.26	34.09	-69.17	-54.00	-15.17	Peak	Horizontal
	798.14	-102.56	35.17	-67.39	-54.00	-13.39	Peak	Horizontal
	726.46	-102.45	36.54	-65.91	-54.00	-11.91	Peak	Vertical
	941.02	-96.58	38.43	-58.15	-36.00	-22.15	Peak	Vertical
	1411.60	-58.10	7.93	-50.17	-30.00	-20.17	Peak	Horizontal
	6742.00	-71.70	18.92	-52.78	-30.00	-22.78	Peak	Horizontal
	1411.60	-49.75	7.20	-42.55	-30.00	-12.55	Peak	Vertical
	6985.60	-73.59	19.86	-53.73	-30.00	-23.73	Peak	Vertical
539.000 + 539.350	500.06	-101.08	31.10	-69.98	-54.00	-15.98	Peak	Horizontal
	841.50	-102.87	35.77	-67.10	-54.00	-13.10	Peak	Horizontal
	500.00	-95.88	33.51	-62.37	-54.00	-8.37	RMS	Vertical
	745.38	-102.83	35.96	-66.87	-54.00	-12.87	Peak	Vertical
	1618.00	-50.06	6.03	-44.03	-30.00	-14.03	Peak	Horizontal
	6989.20	-72.92	20.03	-52.89	-30.00	-22.89	Peak	Horizontal
	1618.60	-46.14	5.69	-40.45	-30.00	-10.45	Peak	Vertical
	6671.20	-71.46	18.91	-52.55	-30.00	-22.55	Peak	Vertical
607.525 + 607.875	500.06	-100.74	31.10	-69.64	-54.00	-15.64	Peak	Horizontal
	845.87	-103.01	35.84	-67.17	-54.00	-13.17	Peak	Horizontal
	500.00	-96.88	33.51	-63.37	-54.00	-9.37	RMS	Vertical
	828.80	-102.36	37.40	-64.96	-54.00	-10.96	Peak	Vertical
	1216.00	-55.32	7.03	-48.29	-30.00	-18.29	Peak	Horizontal
	4792.00	-68.78	14.42	-54.36	-30.00	-24.36	Peak	Horizontal
	1216.00	-51.06	6.63	-44.43	-30.00	-14.43	Peak	Vertical
	1823.20	-60.43	6.11	-54.32	-30.00	-24.32	Peak	Vertical

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) - Antenna Gain (dBi) - 2.15 (dB)

Note 3: RMS measurement was not performed when peak measure level was lower than the RMS limit.



Test Site	WZ-AC2	Test Engineer	Jerry Lu
Test Date	2026-01-30	Test Mode	Mode 2

Test Channel (MHz)	Frequency (MHz)	Reading Level (dBm)	Substitution Factor (dB)	Measure Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Polarization
470.125 + 470.475	229.34	-101.73	27.55	-74.18	-54.00	-20.18	Peak	Horizontal
	824.43	-102.84	35.64	-67.20	-54.00	-13.20	Peak	Horizontal
	222.35	-100.91	31.00	-69.91	-54.00	-15.91	Peak	Vertical
	523.63	-95.09	33.38	-61.71	-54.00	-7.71	Peak	Vertical
	5866.60	-71.39	16.23	-55.16	-30.00	-25.16	Peak	Horizontal
	6945.40	-72.36	19.89	-52.47	-30.00	-22.47	Peak	Horizontal
	1411.00	-57.97	7.25	-50.72	-30.00	-20.72	Peak	Vertical
	6674.80	-72.34	18.94	-53.40	-30.00	-23.40	Peak	Vertical
539.000 + 539.350	223.52	-103.54	26.75	-76.79	-54.00	-22.79	Peak	Horizontal
	844.61	-103.46	35.91	-67.55	-54.00	-13.55	Peak	Horizontal
	226.43	-102.00	31.08	-70.92	-54.00	-16.92	Peak	Vertical
	522.18	-94.83	33.39	-61.44	-54.00	-7.44	Peak	Vertical
	5741.80	-70.87	15.56	-55.31	-30.00	-25.31	Peak	Horizontal
	7000.00	-72.63	20.07	-52.56	-30.00	-22.56	Peak	Horizontal
	5191.00	-69.77	14.07	-55.70	-30.00	-25.70	Peak	Vertical
	6903.40	-72.39	19.44	-52.95	-30.00	-22.95	Peak	Vertical
607.525 + 607.875	226.91	-103.14	27.27	-75.87	-54.00	-21.87	Peak	Horizontal
	835.59	-102.59	35.85	-66.74	-54.00	-12.74	Peak	Horizontal
	214.01	-102.58	30.27	-72.31	-54.00	-18.31	Peak	Vertical
	500.06	-95.01	33.50	-61.51	-54.00	-7.51	RMS	Vertical
	5151.40	-69.82	14.12	-55.70	-30.00	-25.70	Peak	Horizontal
	6923.80	-72.74	19.93	-52.81	-30.00	-22.81	Peak	Horizontal
	6298.00	-72.27	17.02	-55.25	-30.00	-25.25	Peak	Vertical
	6950.80	-73.40	19.68	-53.72	-30.00	-23.72	Peak	Vertical

Note 1: Measure Level (dBm) = Reading Level (dBm) + Substitution Factor (dB)

Note 2: Substitution Factor (dB) = Cable Loss (dB) + Space Attenuation (dB) - Antenna Gain (dBi) - 2.15 (dB)

Note 3: RMS measurement was not performed when peak measure level was lower than the RMS limit.

Appendix B - Test Setup Photograph

Refer to "R26S1023017-UT" file.

Appendix C - EUT Photograph

Refer to "R26S1023017-UE" file.

_____ The End _____