



FCC TEST REPORT

For

Shenzhen Anysecu Technology Co., Ltd.

POC radio/4G Network intercom

Test Model: W6pro

Additional Model No.: Please Refer to Page 7

Prepared for : Shenzhen Anysecu Technology Co., Ltd.
Address : Room2413, Bld.2B, COFCO Xiangyun, Longcheng, Longgang,
Shenzhen, Guangdong, China

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.
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Date of receipt of test sample : March 10, 2025
Number of tested samples : 2
Sample No. : A250121024-1, A250121024-2
Serial number : Prototype
Date of Test : March 10, 2025 ~ August 10, 2025
Date of Report : August 13, 2025





FCC TEST REPORT FCC Part 90	
Report Reference No.	: LCSA06144205EI
Date of Issue	: August 13, 2025
Testing Laboratory Name	: Shenzhen LCS Compliance Testing Laboratory Ltd.
Address	: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Testing Location/ Procedure	: Full application of Harmonised standards ■ Partial application of Harmonised standards □ Other standard testing method □
Applicant's Name	: Shenzhen Anysecu Technology Co., Ltd.
Address	: Room2413, Bld.2B, COFCO Xiangyun, Longcheng, Longgang, Shenzhen, Guangdong, China
Test Specification	
Standard	: FCC CFR Title 47 Part 2, Part 90
Test Report Form No.	: LCSEMC-1.0
TRF Originator	: Shenzhen LCS Compliance Testing Laboratory Ltd.
Master TRF	: Dated 2011-03
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Test Item Description	: POC radio/4G Network intercom
Trade Mark	: ANYSECU
Test Model	: W6pro
Ratings	: Please Refer to Page 7
Result	: Pass

Compiled by:

Li Huan/ Administrator

Supervised by:

Jack Liu/ Technique principal

Approved by:

Gavin Liang/ Manager



**RADIO -- TEST REPORT****Test Report No. : LCSA06144205EI**August 13, 2025
Date of issue

Test Model..... : W6pro

EUT..... : POC radio/4G Network intercom

Applicant..... : Shenzhen Anysecu Technology Co., Ltd.Address..... : Room2413, Bld.2B, COFCO Xiangyun, Longcheng,
Longgang, Shenzhen, Guangdong, China

Telephone..... : /

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Manufacturer..... : Shenzhen Anysecu Technology Co., Ltd.Address..... : Room2413, Bld.2B, COFCO Xiangyun, Longcheng,
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Longgang, Shenzhen, Guangdong, China

Telephone..... : /

Fax..... : /

Test Result**Pass**

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.



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Revision History

Report Version	Issue Date	Revision Content	Revised By
000	August 13, 2025	Initial Issue	--





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1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	: POC radio/4G Network intercom
Test Model	: W6pro
Additional Model No.	: W6-UHF, W6plus, W60, W66, W68, W69, W69pro, W8, W8pro
Model Declaration	: PCB board, structure and internal of these model(s) are the same, So no additional models were tested
Ratings	: Input: 5V $\overline{\text{---}}$ 2A For AC Adapter Input: 100-240V~, 50/60Hz, 0.35A Adapter Output: 5.0V $\overline{\text{---}}$ 2000mA DC 3.8V by Rechargeable Li-ion Battery, 4200mAh
Hardware Version	: FT13G-8541-P1
Software Version	: /
Bluetooth	:
Frequency Range	: 2402MHz~2480MHz
Channel Number	: 79 channels for Bluetooth V2.1 (DSS)
Channel Spacing	: 1MHz for Bluetooth V2.1 (DSS)
Modulation Type	: GFSK, $\pi/4$ -DQPSK for Bluetooth V2.1 (DSS)
Bluetooth Version	: V2.1
Antenna Description	: FPC Antenna, 1.18dBi(Max.)
WIFI(2.4G Band)	:
Frequency Range	: 2412MHz~2462MHz
Channel Number	: 11 Channels for 20MHz bandwidth (2412~2462MHz)
Channel Spacing	: 5MHz
Modulation Type	: IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: FPC Antenna, 1.18dBi(Max.)
WIFI(5.2G Band)	:
Frequency Range	: 5180MHz~5240MHz
Channel Number	: 4 Channels for 20MHz bandwidth(5180MHz~5240MHz) 2 channels for 40MHz bandwidth(5190MHz~5230MHz)
Modulation Type	: IEEE 802.11a/n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: FPC Antenna, -0.17dBi(Max.)
2G	:
Support Band	: ☒ GSM 850 (U.S.-Band) ☒ PCS 1900 (U.S.-Band)
Release Version	: R99
GPRS Class	: Class 12
EGPRS Class	: Class 12





Type Of Modulation : GMSK for GSM/GPRS; GMSK/8PSK for EGPRS

Antenna Description : FPC Antenna
-1.7dBi (max.) For GSM 850
2.0dBi (max.) For PCS 1900

3G :

Support Band : ☒WCDMA Band II (U.S.-Band)
☒WCDMA Band IV (U.S.-Band)
☒WCDMA Band V (U.S.-Band)

Release Version : R9

Type Of Modulation : QPSK, 16QAM

Antenna Description : FPC Antenna
2.0dBi (max.) For WCDMA Band II
1.6dBi (max.) For WCDMA Band IV
-1.7dBi (max.) For WCDMA Band V

LTE :

Support Band : ☒E-UTRA Band 2(U.S.-Band)
☒E-UTRA Band 4(U.S.-Band)
☒E-UTRA Band 5(U.S.-Band)
☒E-UTRA Band 7(U.S.-Band)
☒E-UTRA Band 17(U.S.-Band)
☒E-UTRA Band 38(U.S.-Band)
☒E-UTRA Band 41(U.S.-Band)

LTE Release Version : R14

Type Of Modulation : QPSK/16QAM

Antenna Description : FPC Antenna
2.0dBi (max.) For E-UTRA Band 2
1.6dBi (max.) For E-UTRA Band 4
1.3dBi (max.) For E-UTRA Band 5
-1.7dBi (max.) For E-UTRA Band 7
-10.0dBi (max.) For E-UTRA Band 17
-6.35dBi (max.) For E-UTRA Band 38
-5.13dBi (max.) For E-UTRA Band 41

Power Class : Class 3

NFC :

Operating Frequency : 13.56MHz

Modulation Type : ASK

Antenna Description : Internal Antenna, -2.0dBi(Max.)

PMR :

Operating Frequency : 400 ~ 470MHz

Channel Separation : Analog Voice 12.5KHz

Modulation Type : 4FSK/FM

Emission Designator : 11K0F3E for FM Modulation 7K60FXD for data/7K60FXW for both data and voice





Rated Output Power : High Power 2W; Lower Power 1W

GPS function : Support and only RX

Extreme temp. : -10°C to +50°C

Tolerance

Extreme vol. Limits : 3.2VDC to 4.35VDC (nominal: 3.8VDC)

Note: For a more detailed antenna description, please refer to the antenna specifications or the antenna report provided by the customer.

1.2. Host System Configuration List and Details

Manufacturer	Description	Model	Serial Number	Certificate
---	Power Supply	PS10A050K2000 UU	---	FCC

1.3. External I/O Cable

I/O Port Description	Quantity	Cable
Type-C USB Port	1	USB Cable: 0.8m, unshielded
Antenna Port	1	N/A

1.4. Description of Test Facility

NVLAP Accreditation Code is 600167-0.

FCC Designation Number is CN5024.

CAB identifier is CN0071.

CNAS Registration Number is L4595.

Test Firm Registration Number: 254912.

The sites are constructed in conformance with the requirements of ANSI C63.4 (2014) and CISPR Publication 22.

1.5. Statement of the Measurement Uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to ETSI TR 100 028 "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics" and is documented in the Shenzhen LCS Compliance Testing Laboratory Ltd. quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.



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1.6. Measurement Uncertainty

Test Item	Uncertainty	Note
Frequency error	30 Hz	(1)
Transmitter power conducted	0.62 dB	(1)
Transmitter power Radiated	2.67 dB	(1)
Conducted spurious emission 9KHz-12.75 GHz	1.22 dB	(1)
Conducted Emission 9KHz-30MHz	1.63 dB	(1)
Radiated spurious emission 30~1000MHz	3.10 dB	(1)
Radiated spurious emission 1~18GHz	3.80 dB	(1)
Radiated spurious emission 18-40GHz	3.90 dB	(1)
Occupied Bandwidth	35Hz	(1)
Emission Mask	1.25dB	(1)
Transmitter Frequency Behavior	6.8%	(1)

- (1) . This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

1.7. Description of Test Modes

The EUT has been tested under typical operating condition. As, test modes selected as below by the technical parameters of the EUT:

Operation Mode	Description of operation mode	Additional information
TM1	FM+BW12.5KHz+TX	The EUT is set with FM modulation and 12.5KHz bandwidth at maximum rated power for transmitter, powered by DC 3.8V power Rechargeable Li-ion Battery
TM2	FM+BW12.5KHz+TX	The EUT is set with FM modulation and 12.5KHz bandwidth at minimum rated power for transmitter, powered by DC 3.8V power Rechargeable Li-ion Battery
TM3	4FSK+BW12.5KHz+TX	The EUT is set with 4FSK modulation and 12.5KHz bandwidth at maximum rated power for transmitter, powered by DC 3.8V power Rechargeable Li-ion Battery
TM4	4FSK+BW12.5KHz+TX	The EUT is set with 4FSK modulation and 12.5KHz bandwidth at minimum rated power for transmitter, powered by DC 3.8V power Rechargeable Li-ion Battery





2. SYSTEM TEST CONFIGURATION

2.1. TEST STANDARDS

The tests were performed according to following standards:

[FCC Rules Part 90](#): PRIVATE LAND MOBILE RADIO SERVICES.

[ANSI/TIA-603-E-2016](#): Land Mobile FM or PM Communications Equipment Measurement and Performance Standards.

[47 CFR FCC Part 15 Subpart B](#): Unintentional Radiators

[FCC Part 2](#): FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS

[ANSI C63.26:2015](#): American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services.

[ANSI C63.4:2014](#): Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz

2.2. EUT Configuration

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

2.3. EUT Exercise

The EUT has been tested under typical operating condition and The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

2.4. Test Sample

The application provides 1 sample to meet requirement;

Sample Number	Description
Sample 1	continuous transmit



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3. SYSTEM TEST CONFIGURATION

3.1. Justification

The system was configured for testing in a continuous transmits condition.

3.2. EUT Exercise Software

N/ A

3.3. Special Accessories

N/ A

3.4. Block Diagram/Schematics

Please refer to the related document

3.5. Equipment Modifications

Shenzhen LCS Compliance Testing Laboratory Ltd. has not done any modification on the EUT.

3.6. Test Setup

Please refer to the test setup photo.





4. SUMMARY OF TEST RESULT

Transmitter Requirements				
FCC General Rules Part (47CFR)	Description of Test	Test Sample	Result	Remark
2.1046 90.205	Maximum Transmitter Power	Sample 1	Compliant	Note 1
2.1047 (a) 90.207	Modulation Characteristics - Audio Frequency Response	Sample 1	Compliant	Note 1
2.1047 (b) 90.207	Modulation Characteristics - Modulation Limiting	Sample 1	Compliant	Note 1
2.1049 90.210	Occupied Bandwidth Tests; Emission Mask	Sample 1	Compliant	Note 1
2.1055 90.213	Frequency Stability	Sample 1	Compliant	Note 1
90.214	Transient Frequency Behavior	Sample 1	Compliant	Note 1
2.1053 90.210	Transmitter Radiated Spurious Emission	Sample 1	Compliant	Note 1
2.1051 90.210	Spurious Emission on Antenna Port	Sample 1	Compliant	Note 1

Remark:

1. Note 1 – Test results inside test report;
2. Note 2 – N/A* - Not Applicable for this device. Because it is digital device.





5. TEST CONDITIONS AND RESULTS

5.1. Maximum Transmitter Power

5.1.1 Test Applicable

Per FCC Part 2.1046 and Part 90.205: Maximum ERP is dependent upon the station's antenna HAAT and required service area

5.1.2 Test Procedure

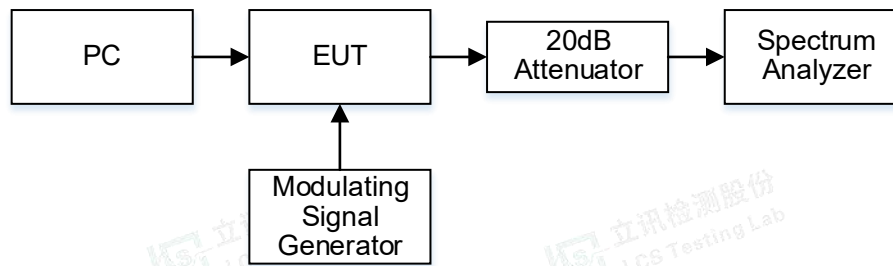
Measurements shall be made to establish the radio frequency power delivered by the transmitter the standard output termination. The power output shall be monitored and recorded and no adjustment shall be made to the transmitter after the test has begun, except as noted bellow:

If the power output is adjustable, measurements shall be made for the highest and lowest power levels.

The EUT connect to the Receiver through 20 dB attenuator.

Measurement with Spectrum Analyzer conducted external power supply with 7.2V stabilized supply voltage.

5.1.3 Test Configuration



5.1.4 Test Results

Temperature	23.9℃	Humidity	54.7%
Test Engineer	Jay Luo	Test Voltage	Normal Voltage

Modulation Type	Channel Separation	Operation Mode	Test Channel	Test Frequency (MHz)	Test Results (dBm)	Limit (dBm)
FM	12.5KHz	TM1	L	406.1125	32.502	See Limit
			M 1	430.1125	32.725	See Limit
			M 2	453.2125	31.889	See Limit
			M 3	459.625	31.568	See Limit
			M 4	465.625	31.293	See Limit
			H	469.9875	31.132	See Limit
	12.5KHz	TM2	L	406.1125	27.341	See Limit
			M 1	430.1125	28.474	See Limit
			M 2	453.2125	29.120	See Limit
			M 3	459.625	29.134	See Limit
			M 4	465.625	29.050	See Limit
			H	469.9875	28.926	See Limit
Digital 4FSK	12.5KHz	TM3	L	406.1125	31.200	See Limit
			M 1	430.1125	32.158	See Limit
			M 2	453.2125	32.850	See Limit
			M 3	459.625	32.802	See Limit
			M 4	465.625	32.527	See Limit
			H	469.9875	32.359	See Limit
	12.5KHz	TM4	L	406.1125	28.491	See Limit
			M 1	430.1125	29.388	See Limit



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			M 2	453.2125	29.975	See Limit
			M 3	459.625	29.930	See Limit
			M 4	465.625	29.679	See Limit
			H	469.9875	29.425	See Limit
Limit	The limit is dependent upon the station's antenna HAAT and required service area.					
Test Results		PASS				

Note: The high rated power level is 2W(33dBm), and low rated power level is 1W(30dBm).

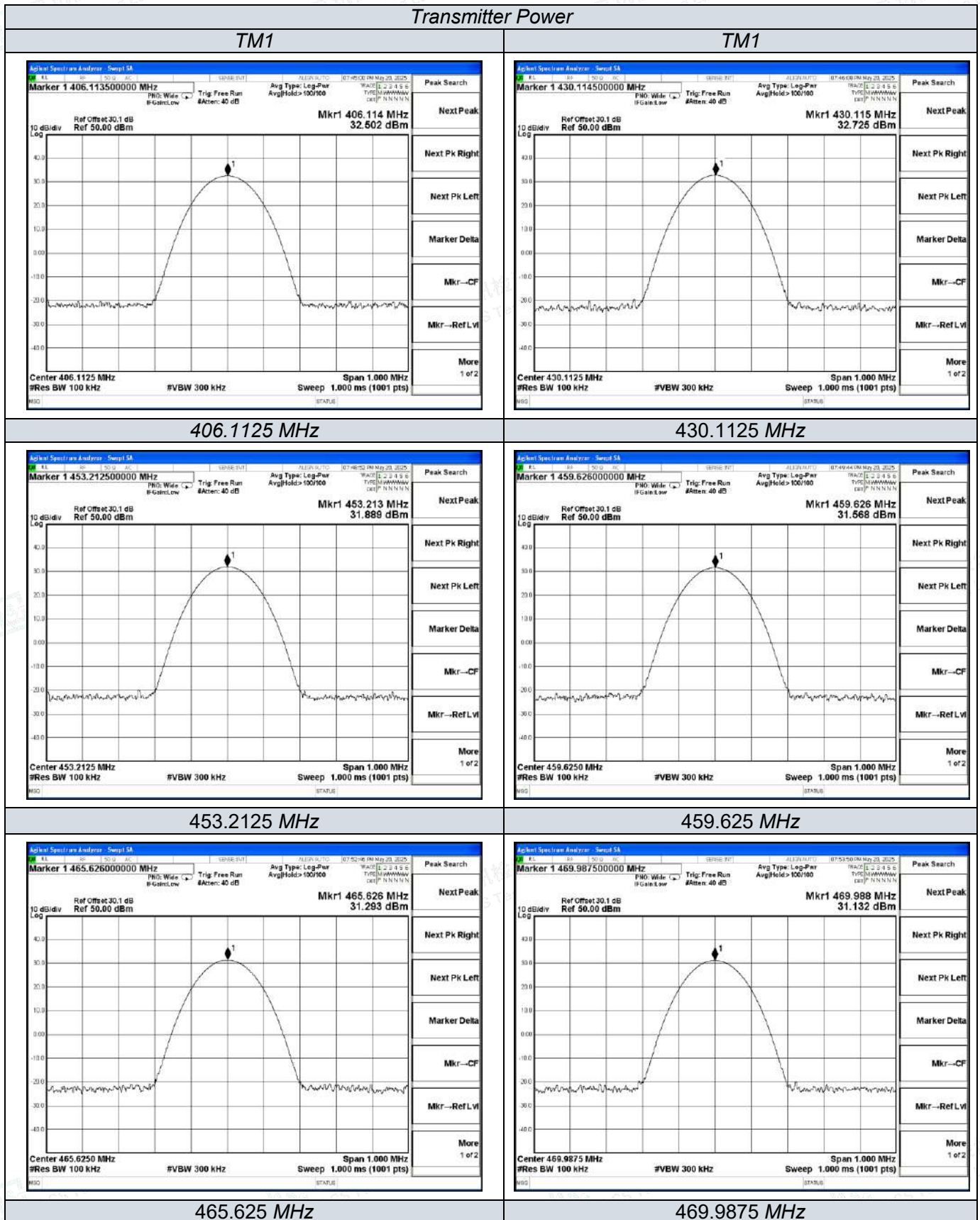
The output power shall not exceed by more than $\pm 1\text{dBm}$ the manufacturer's rated output power for the particular transmitter specifically listed on the authorization





Remark:

1. Please refer to following plot.

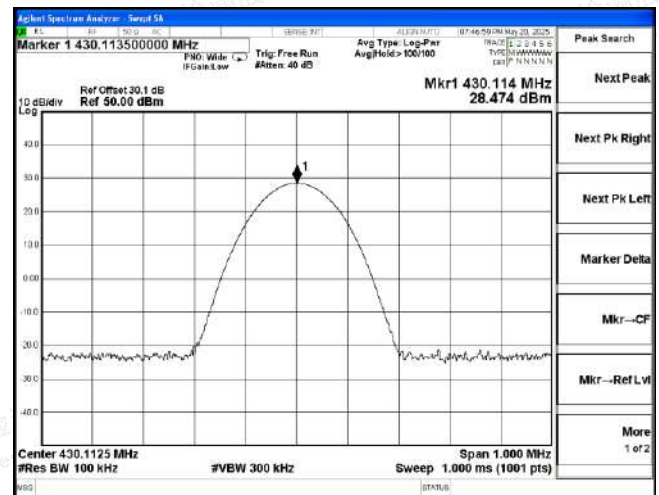
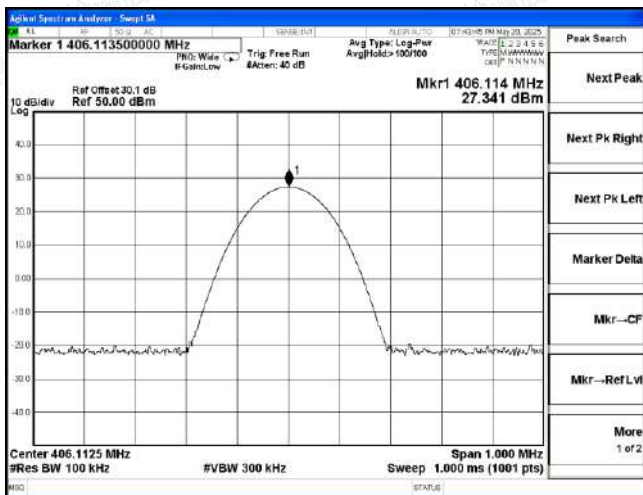




Transmitter Power

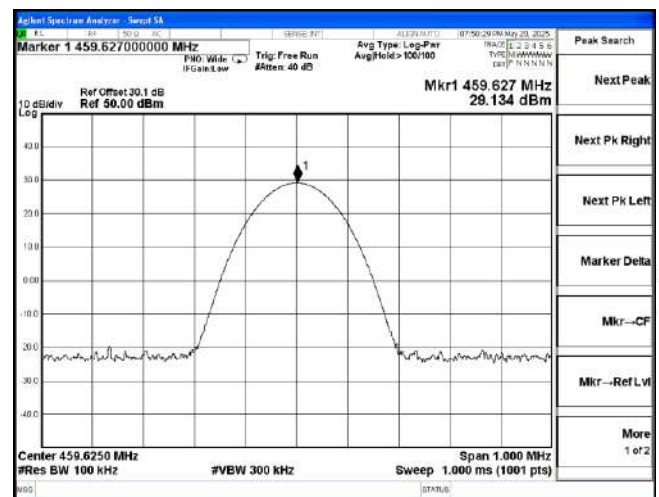
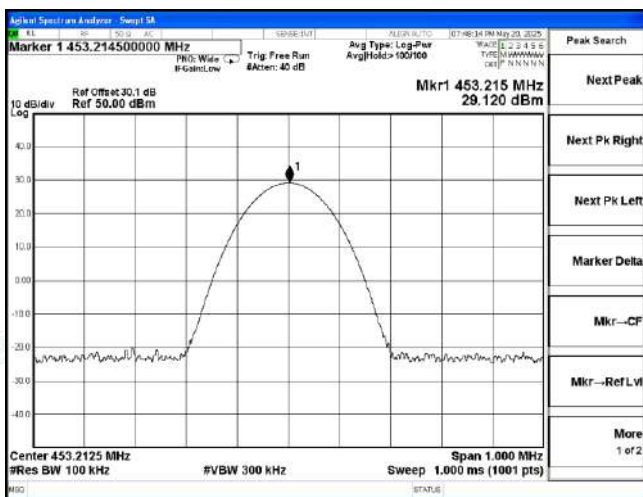
TM2

TM2



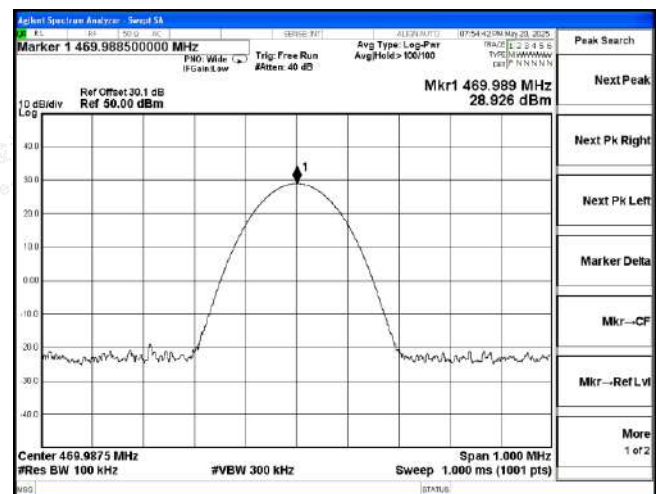
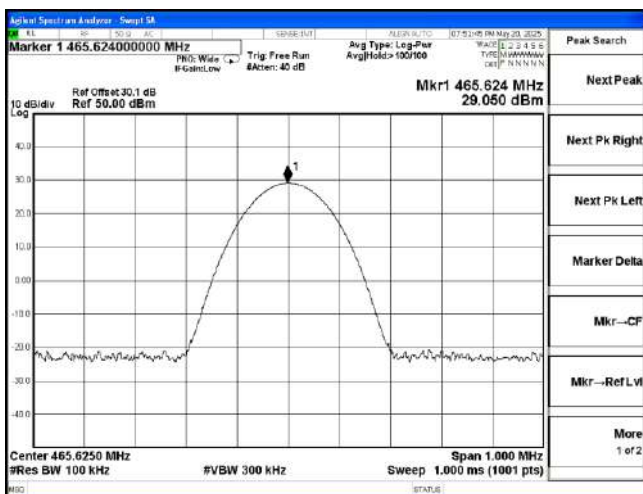
406.1125 MHz

430.1125 MHz



453.2125 MHz

459.625 MHz



465.625 MHz

469.9875 MHz

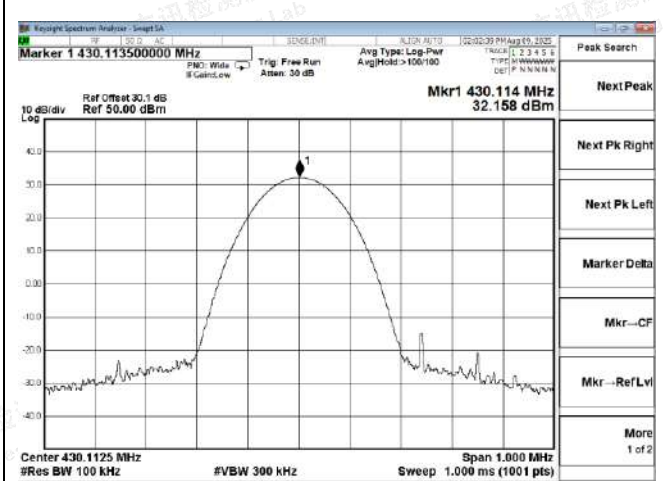
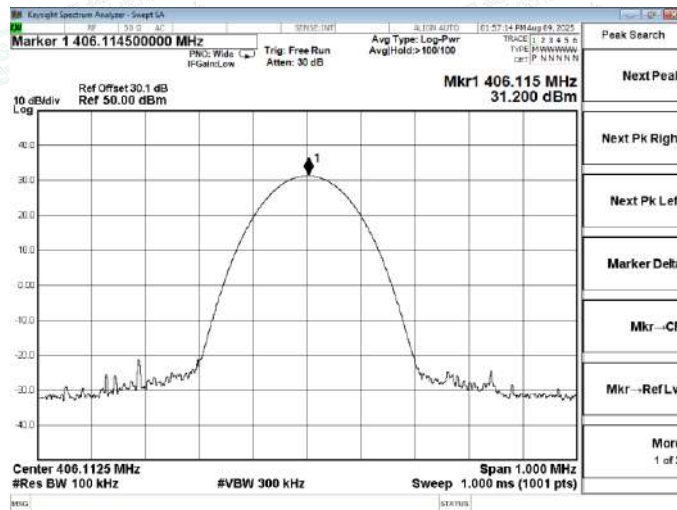




Transmitter Power

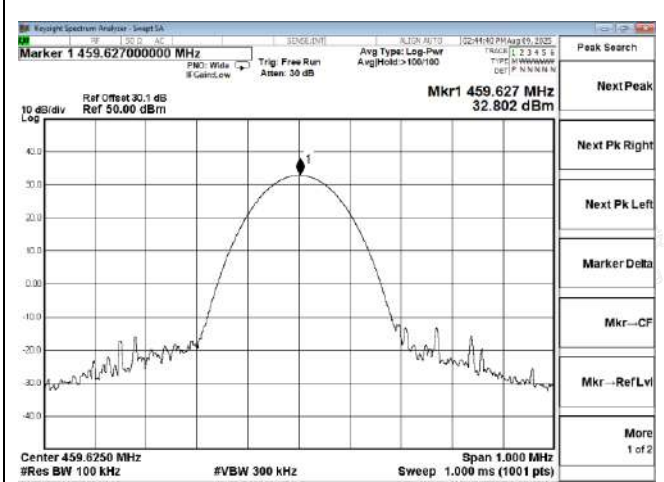
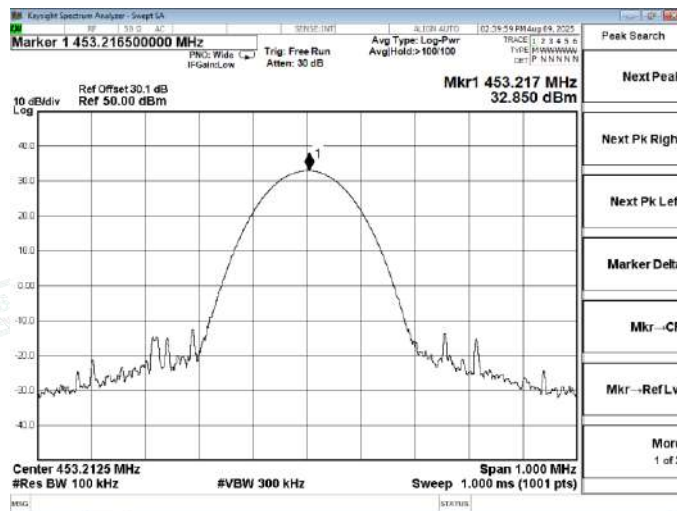
TM3

TM3



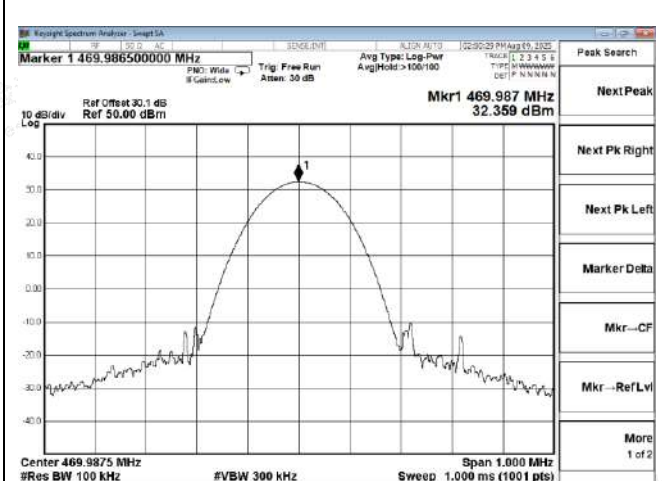
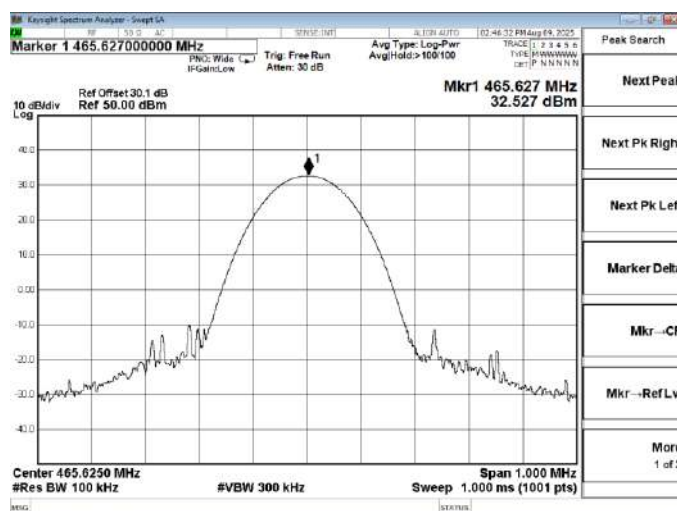
406.1125 MHz

430.1125 MHz



453.2125 MHz

459.625 MHz



465.625 MHz

469.9875 MHz

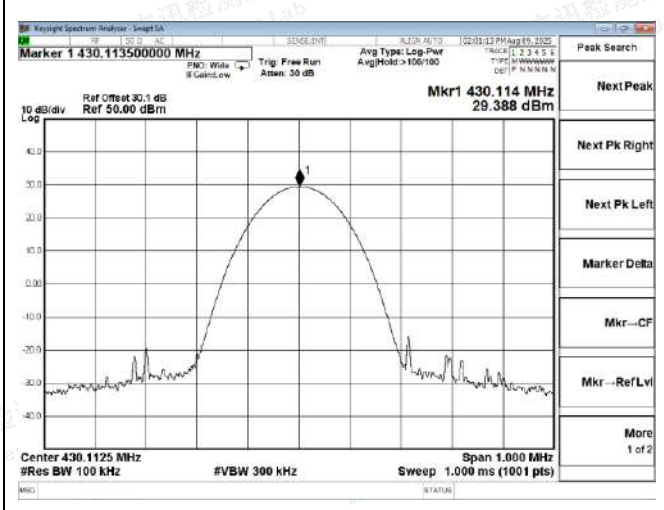
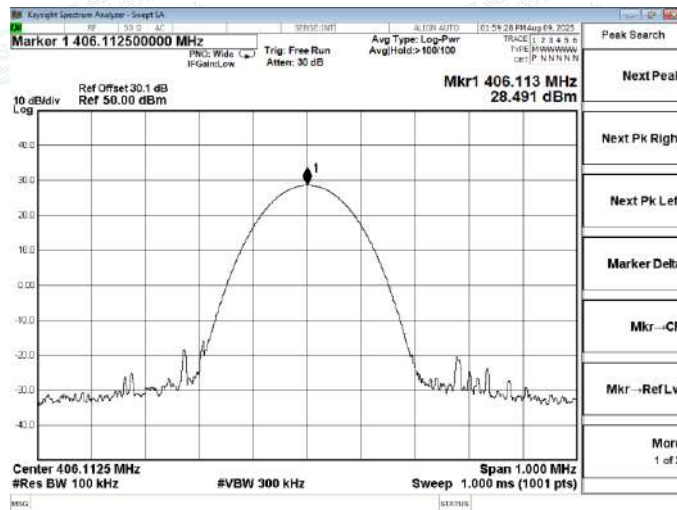




Transmitter Power

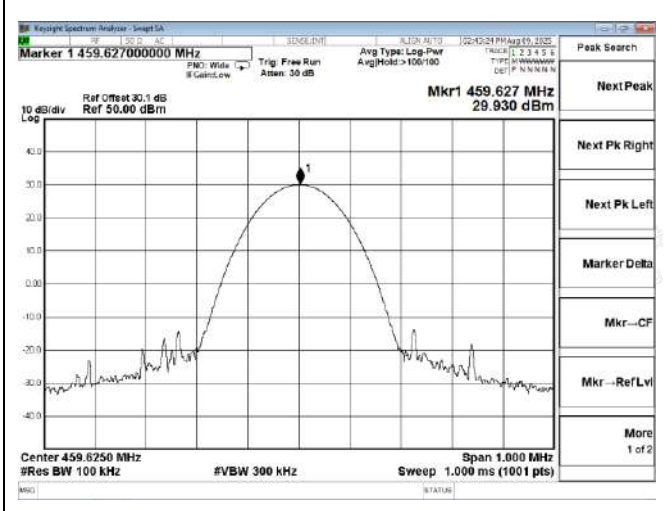
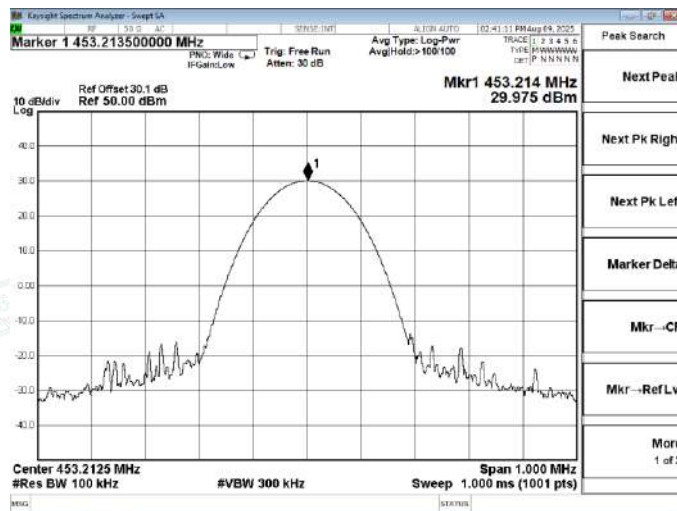
TM4

TM4



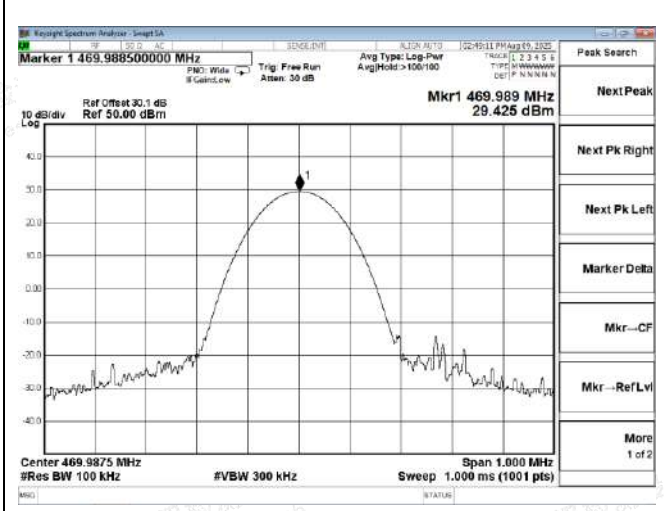
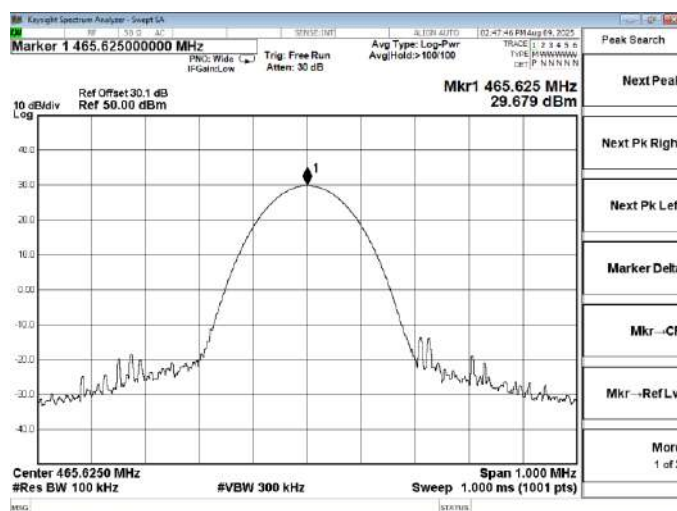
406.1125 MHz

430.1125 MHz



453.2125 MHz

459.625 MHz



465.625 MHz

469.9875 MHz



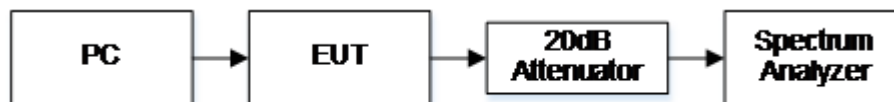


5.2. Occupied Bandwidth and Emission Mask Test

5.2.1 Test Applicable

- (a). Occupied Bandwidth: The EUT was connected to the audio signal generator and the spectrum analyser 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 analyser.
- (b). Emission Mask B: For transmitters that are equipped with an audio low-pass filter pursuant to §90.211(a), the power of any emission must be below the unmodulated carrier power (P) as follows:
- (1) On any frequency removed from the assigned frequency by more than 50 percent, but not more than 100 percent of the authorized bandwidth: At least 25dB.
 - (2) On any frequency removed from the assigned frequency by more than 100 percent, but not more than 250 percent of the authorized bandwidth: At least 35dB.
 - (3) On any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth: At least $43 + 10 \log (P)$ dB.
- (c). Emission Mask D, 12.5 kHz channel bandwidth equipment: For transmitters designed to operate with a 12.5 kHz channel bandwidth, any emission must be attenuated below the power (P) of the highest emission contained within the authorized bandwidth as follows:
- (1) On any frequency from the centre of the authorized bandwidth f_0 to 5.625 kHz removed from f_0 : Zero dB.
 - (2) On any frequency removed from the centre of the authorized bandwidth by a displacement frequency (f_d in kHz) of more than 5.625 kHz but no more than 12.5 kHz: At least $7.27(f_d - 2.88 \text{ kHz})$ dB.
 - (3) On any frequency removed from the centre of the authorized bandwidth by a displacement frequency (f_d in kHz) of more than 12.5 kHz: At least $50 + 10 \log (P)$ dB or 70 dB, whichever is the lesser attenuation.

5.2.2 Test Configuration



5.2.3 Test Procedure

- 1 Set EUT as normal operation.
- 2 Set SPA Centre Frequency = fundamental frequency, RBW=300Hz, VBW= 1 KHz, span =50 KHz .
- 3 Set SPA Max hold. Mark peak, Set 99% Occupied Bandwidth and 26dB Occupied Bandwidth.





5.2.4 Test Results

Temperature	23.9°C	Humidity	54.7%
Test Engineer	Jay Luo	Test Voltage	Normal Voltage

Occupied Bandwidth

Modulation Type	Channel Separation	Operation Mode	Test Channel	Test Frequency (MHz)	Occupied Bandwidth (KHz)	
					99%	26dB
FM	12.5 KHz	TM1	L	406.1125	9.509	11.03
			M 1	430.1125	9.514	11.03
			M 2	453.2125	9.576	11.03
			M 3	459.625	9.533	11.04
			M 4	465.625	9.519	11.03
			H	469.9875	9.518	11.03
FM	12.5 KHz	TM2	L	406.1125	9.668	11.04
			M 1	430.1125	9.679	11.04
			M 2	453.2125	9.522	11.03
			M 3	459.625	9.519	11.04
			M 4	465.625	9.528	11.04
			H	469.9875	9.478	11.03
4FSK	12.5 KHz	TM3	L	406.1125	7.776	9.687
			M 1	430.1125	7.933	9.682
			M 2	453.2125	7.878	9.609
			M 3	459.625	8.135	10.07
			M 4	465.625	7.925	9.548
			H	469.9875	7.811	9.695
4FSK	12.5 KHz	TM4	L	406.1125	7.673	10.24
			M 1	430.1125	7.851	9.614
			M 2	453.2125	7.795	9.588
			M 3	459.625	7.787	10.06
			M 4	465.625	7.945	9.713
			H	469.9875	7.465	9.441
Limit			11.25KHz for 12.5KHz Channel Separation			
Test Results			PASS			

Remark:

2. Please refer to following plots.

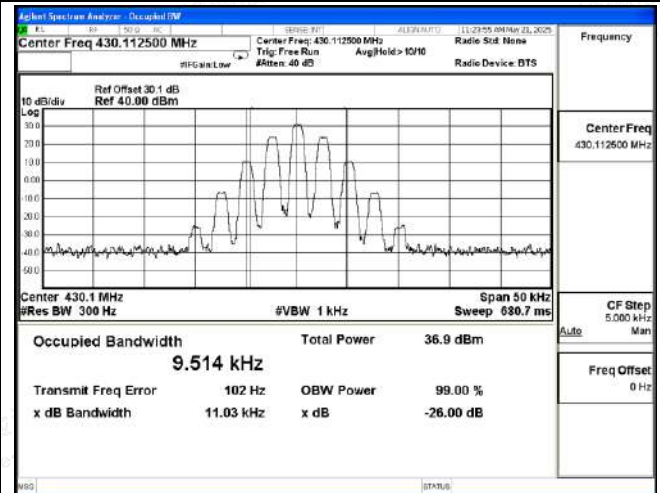
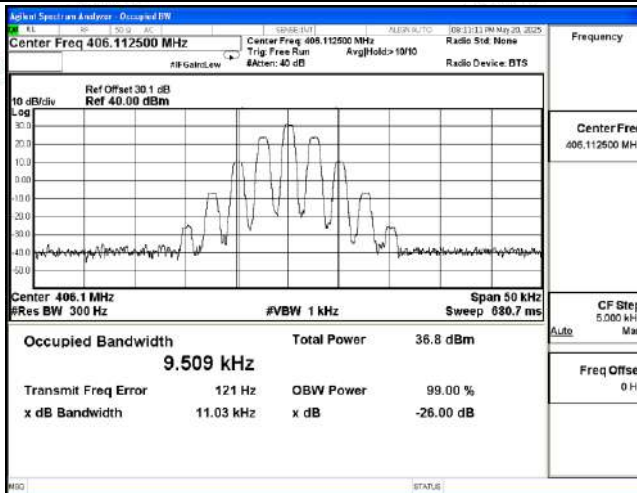




99% and 26dB Bandwidth

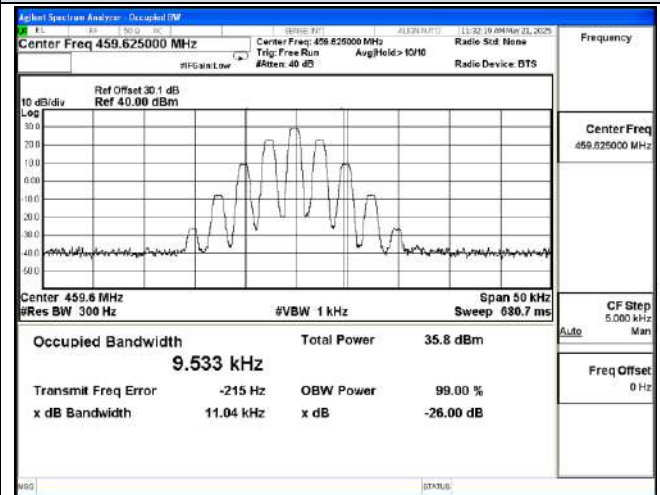
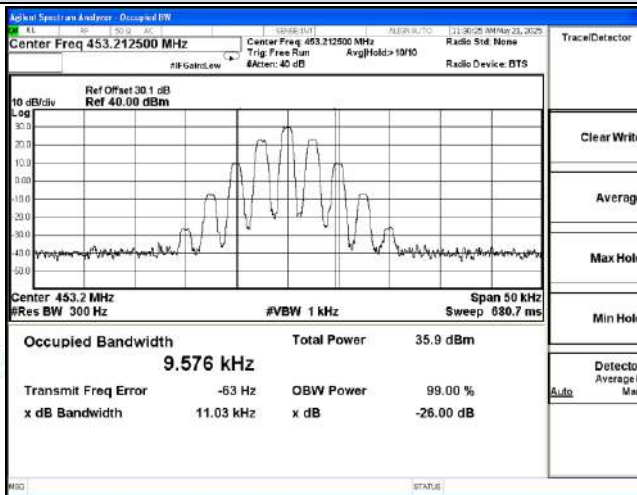
TM1

TM1



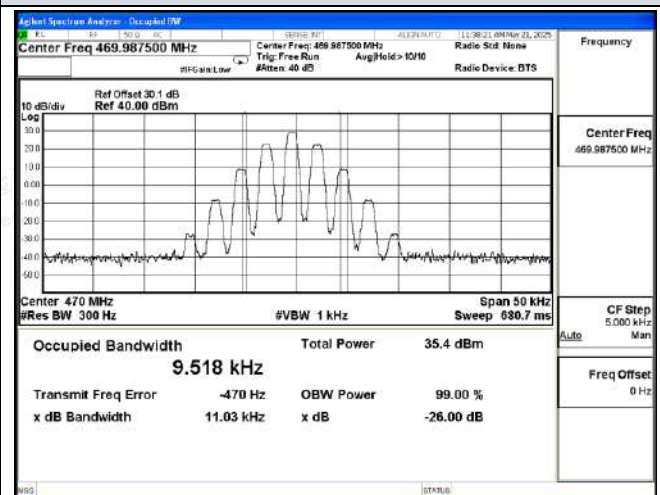
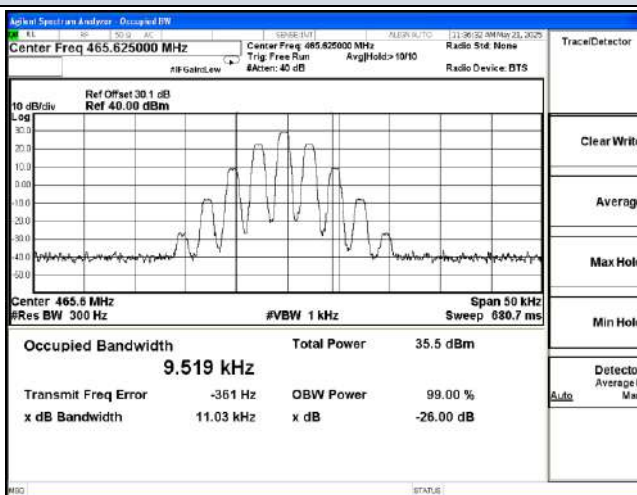
406.1125 MHz

430.1125 MHz



453.2125 MHz

459.625 MHz



465.625 MHz

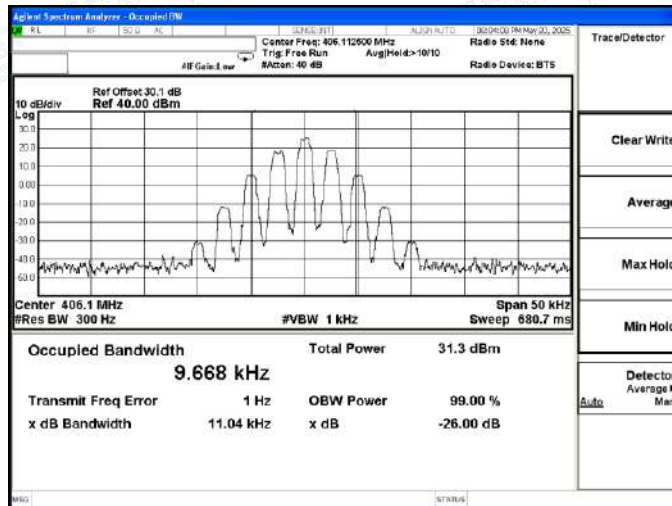
469.9875 MHz



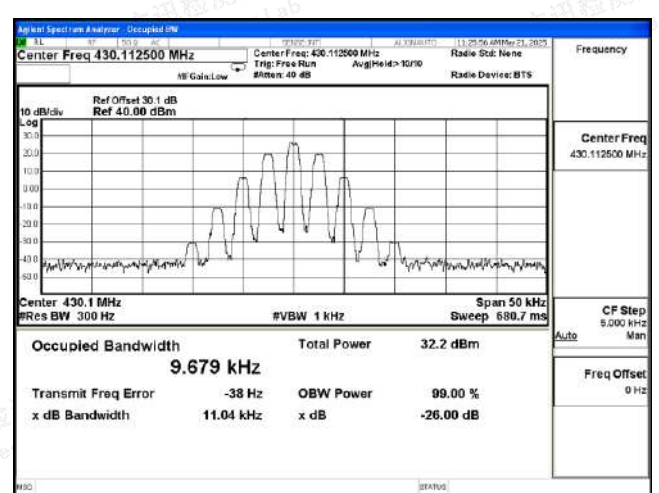


99% and 26dB Bandwidth

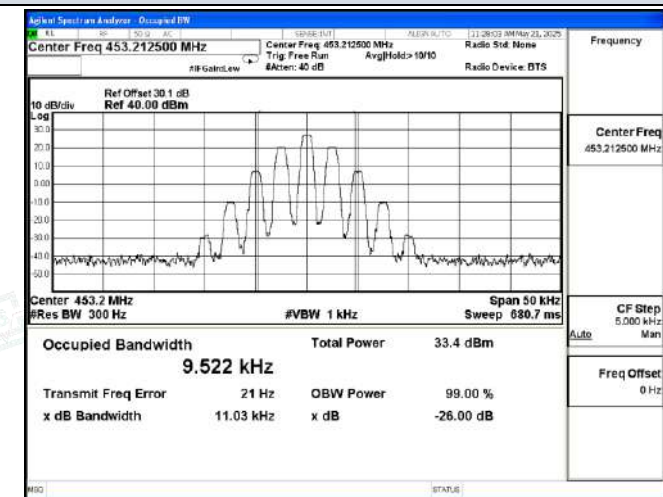
TM2



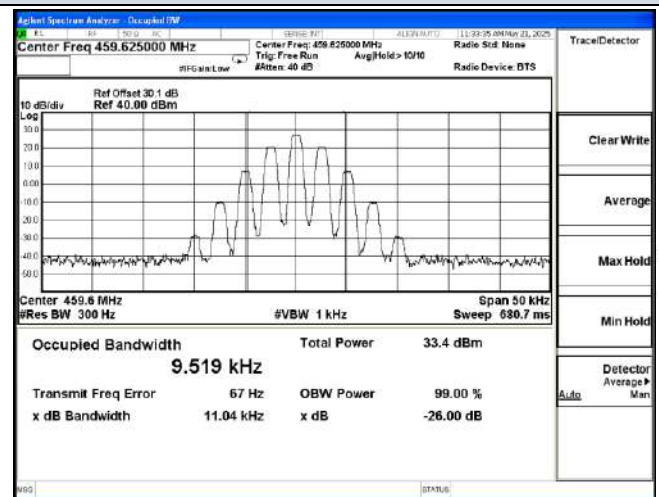
TM2



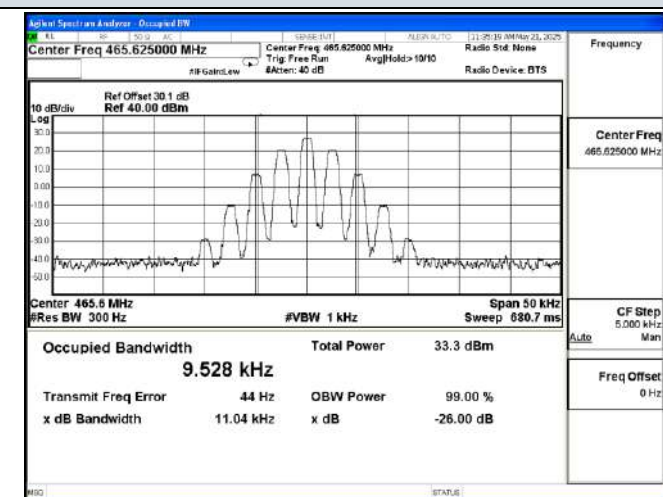
406.1125 MHz



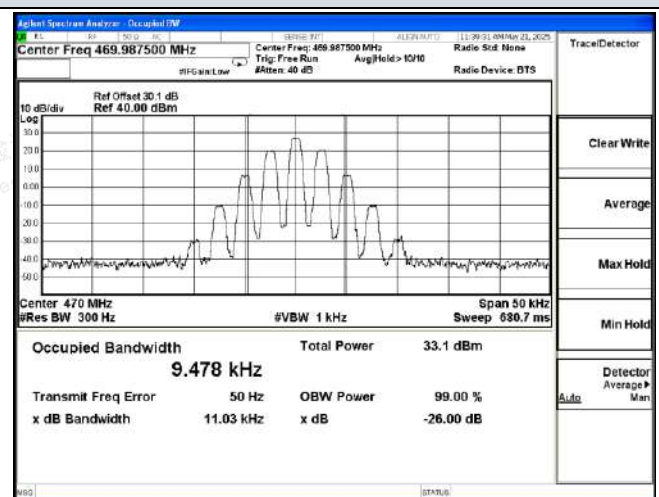
430.1125 MHz



453.2125 MHz



459.625 MHz



465.625 MHz

469.9875 MHz



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

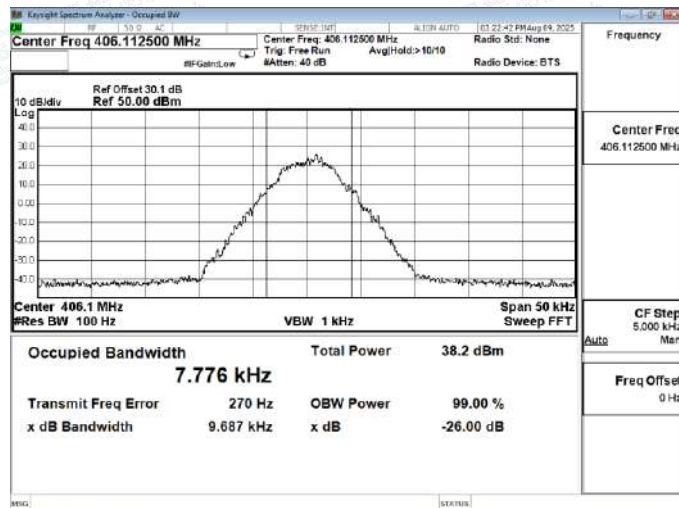
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

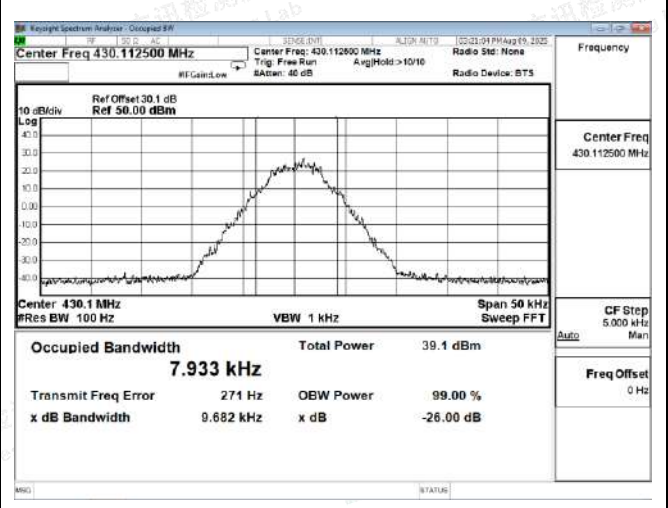


99% and 26dB Bandwidth

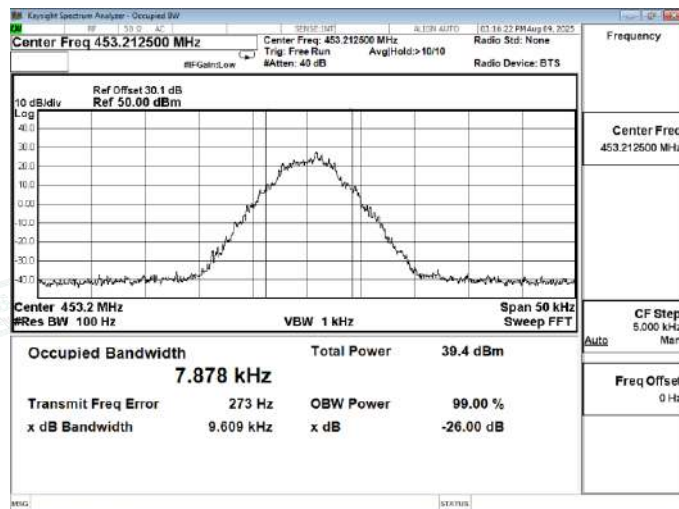
TM3



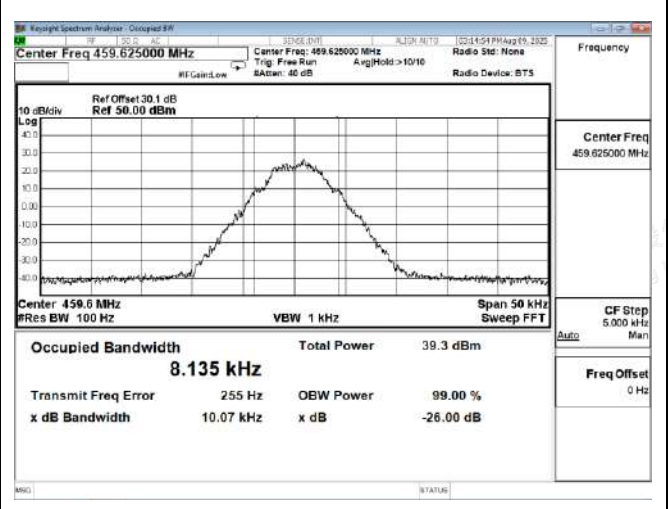
TM3



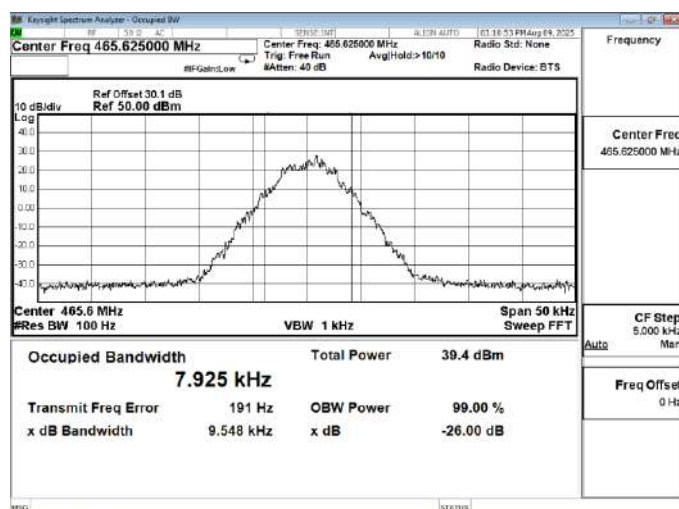
406.1125 MHz



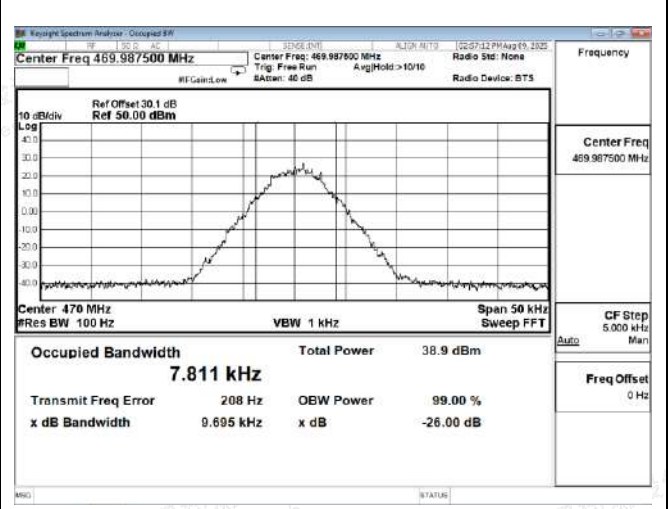
430.1125 MHz



453.2125 MHz



459.625 MHz



465.625 MHz

469.9875 MHz

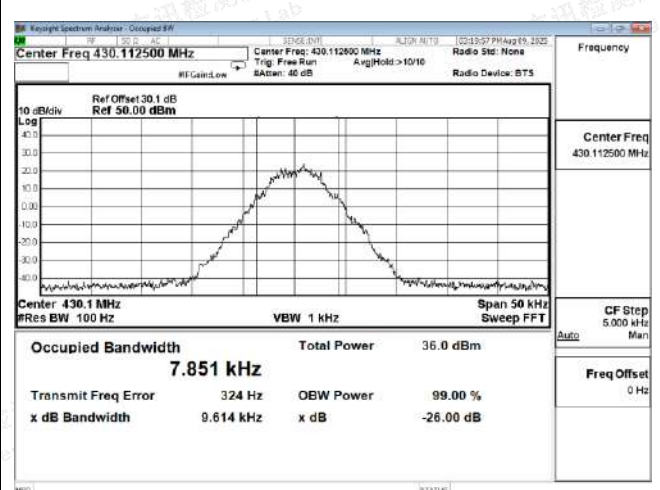
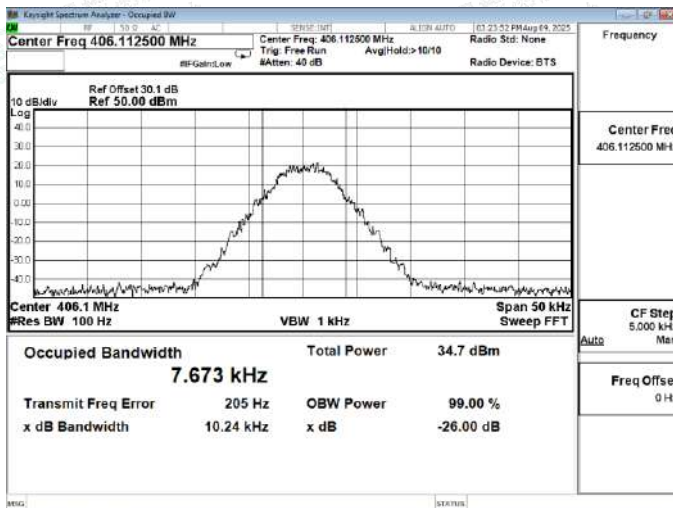




99% and 26dB Bandwidth

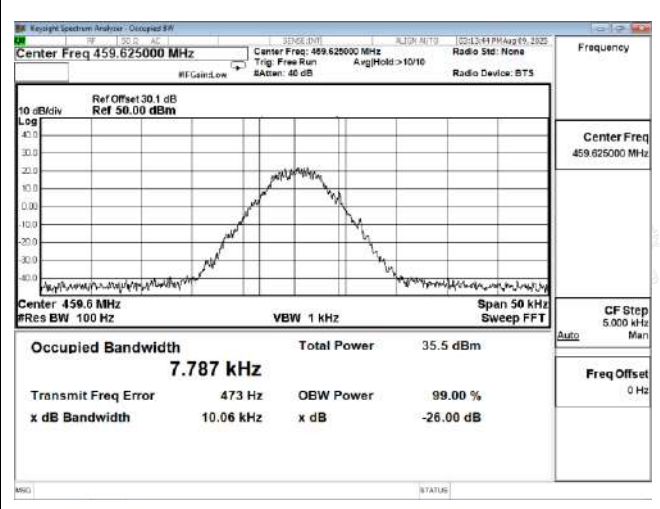
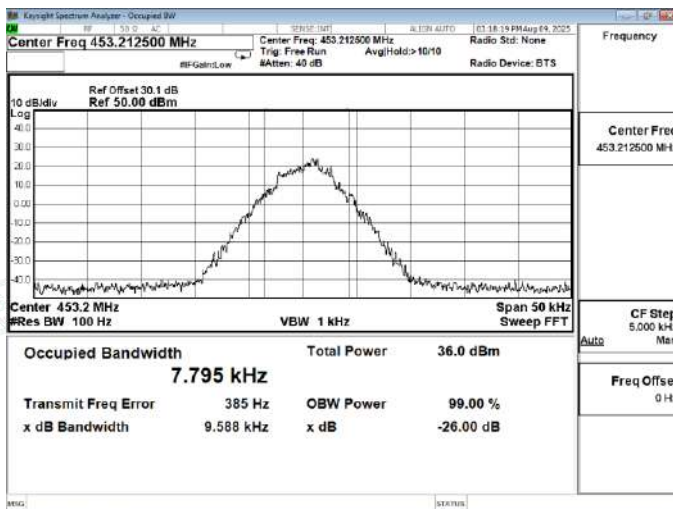
TM4

TM4



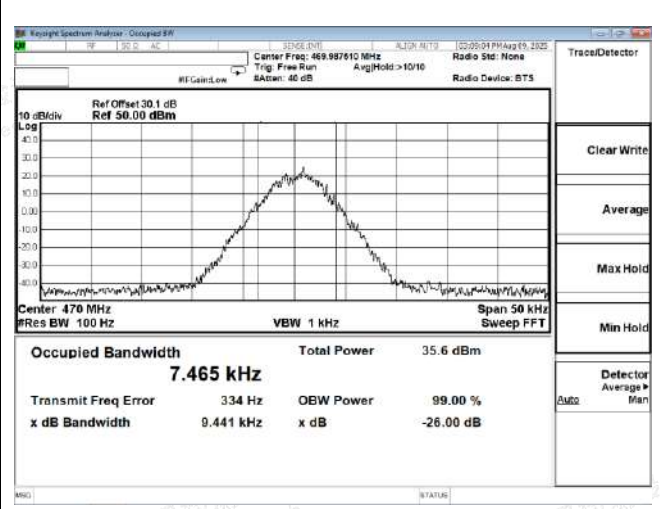
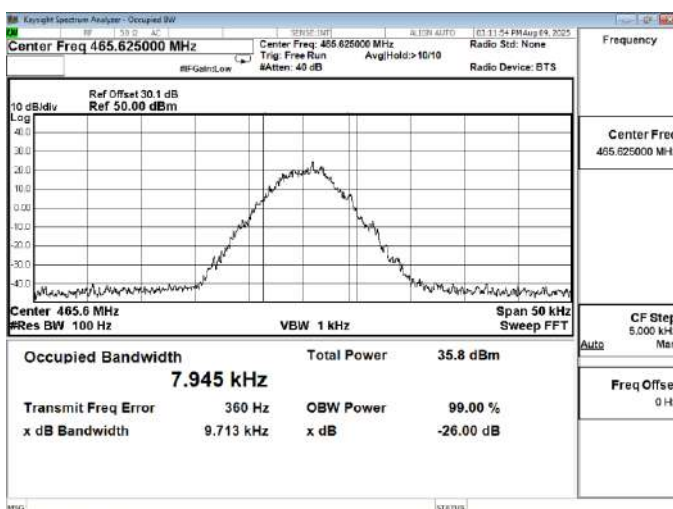
406.1125 MHz

430.1125 MHz



453.2125 MHz

459.625 MHz



465.625 MHz

469.9875 MHz





Temperature	23.9°C	Humidity	54.7%
Test Engineer	Jay Luo	Test Voltage	Normal Voltage

Emission Mask

Modulation Type	Channel Separation	Operation Mode	Test Channel	Test Frequency (MHz)	Applicable Mask	RBW (Hz)
FM	12.5 KHz	TM1	L	406.1125	D	300
			M 1	430.1125	D	300
			M 2	453.2125	D	300
			M 3	459.625	D	300
			M 4	465.625	D	300
			H	469.9875	D	300
FM	12.5 KHz	TM2	L	406.1125	D	300
			M 1	430.1125	D	300
			M 2	453.2125	D	300
			M 3	459.625	D	300
			M 4	465.625	D	300
			H	469.9875	D	300
4FSK	12.5 KHz	TM3	L	406.1125	D	100
			M 1	430.1125	D	100
			M 2	453.2125	D	100
			M 3	459.625	D	100
			M 4	465.625	D	100
			H	469.9875	D	100
4FSK	12.5 KHz	TM4	L	406.1125	D	100
			M 1	430.1125	D	100
			M 2	453.2125	D	100
			M 3	459.625	D	100
			M 4	465.625	D	100
			H	469.9875	D	100
Test Results			PASS			

Remark:

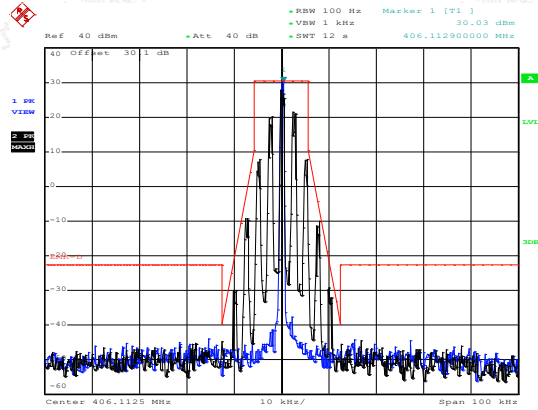
2. Please refer to following plots.





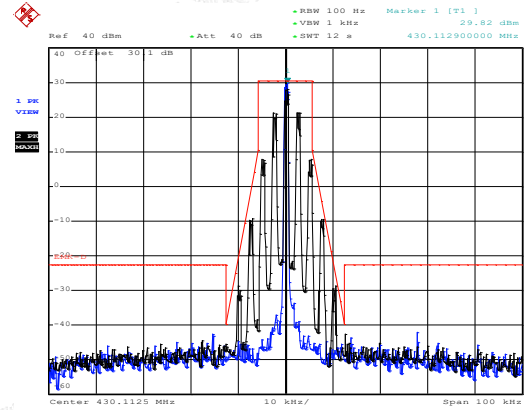
Emission Mask

TM1



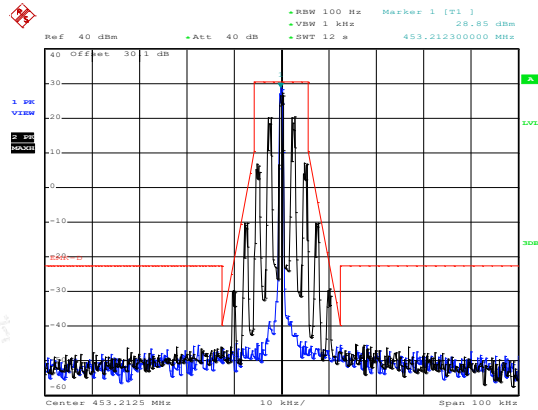
Date: 21.MAY.2025 14:37:10

TM1



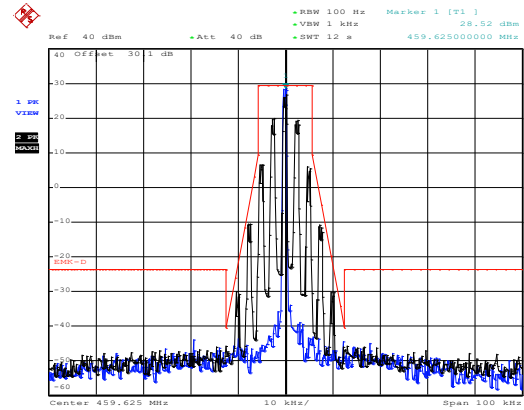
Date: 21.MAY.2025 14:48:43

406.1125 MHz



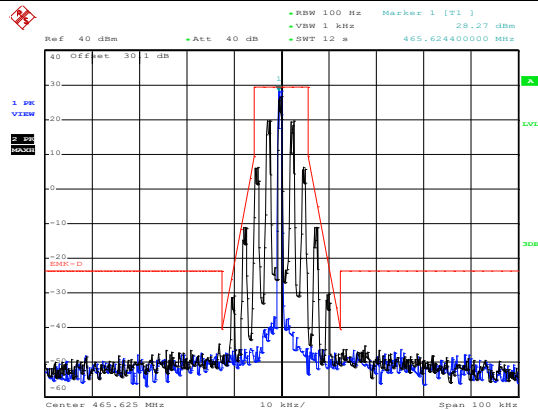
Date: 21.MAY.2025 14:58:44

430.1125 MHz



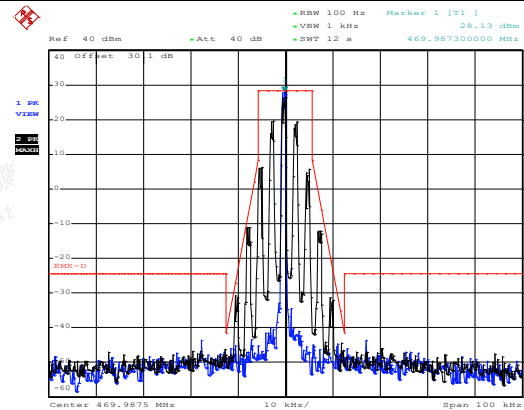
Date: 21.MAY.2025 15:07:27

453.2125 MHz



Date: 21.MAY.2025 15:16:09

459.625 MHz



Date: 21.MAY.2025 15:24:51

465.625 MHz



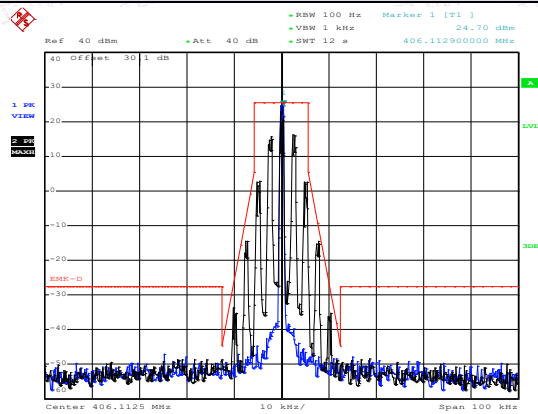
469.9875 MHz





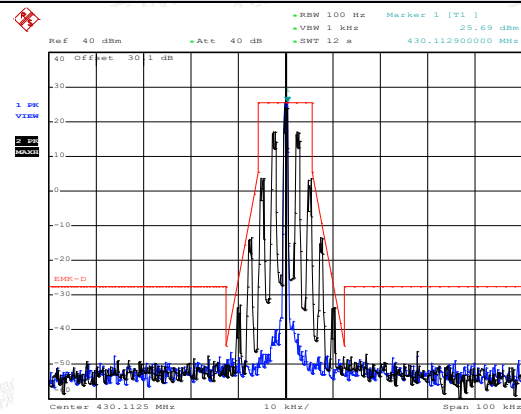
Emission Mask

TM2



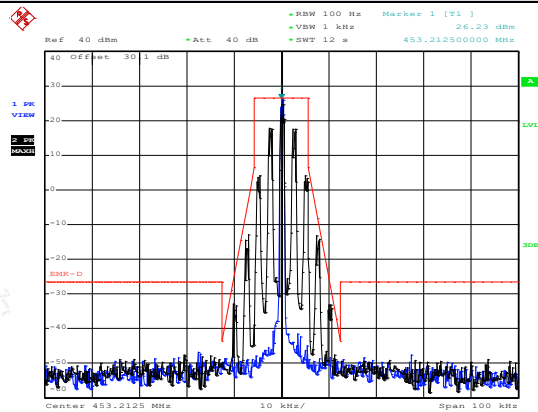
Date: 21.MAY.2025 14:45:51

TM2



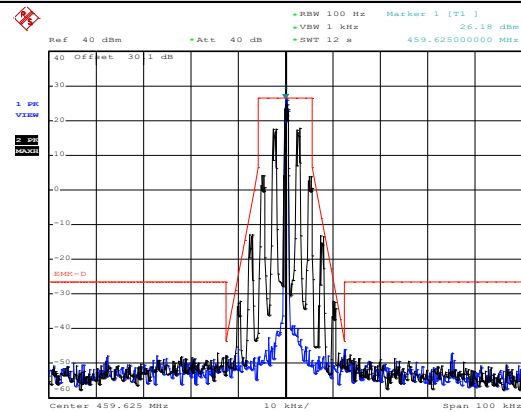
Date: 21.MAY.2025 14:54:40

406.1125 MHz



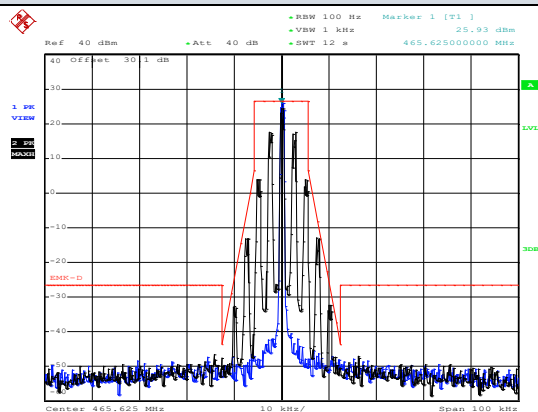
Date: 21.MAY.2025 15:04:25

430.1125 MHz



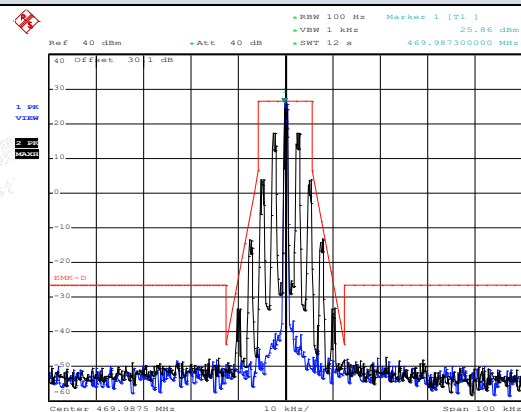
Date: 21.MAY.2025 15:13:19

453.2125 MHz



Date: 21.MAY.2025 15:21:51

459.625 MHz



Date: 21.MAY.2025 15:30:40

465.625 MHz



469.9875 MHz

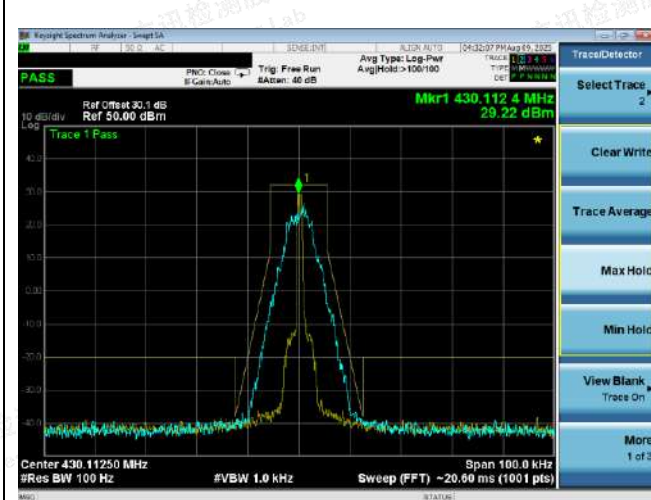
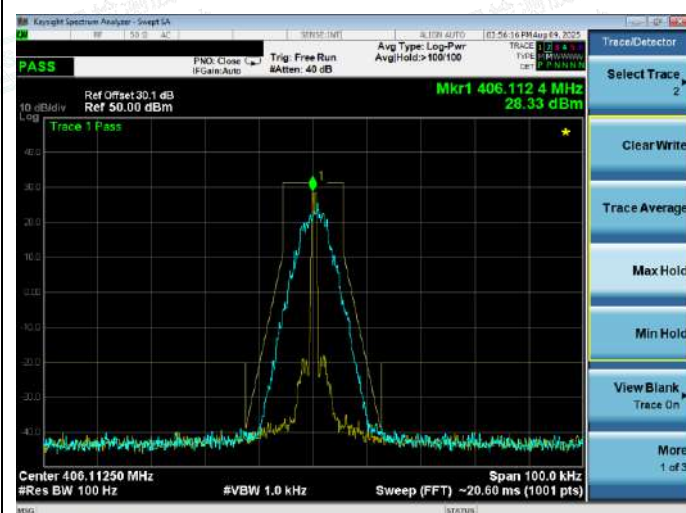




Emission Mask

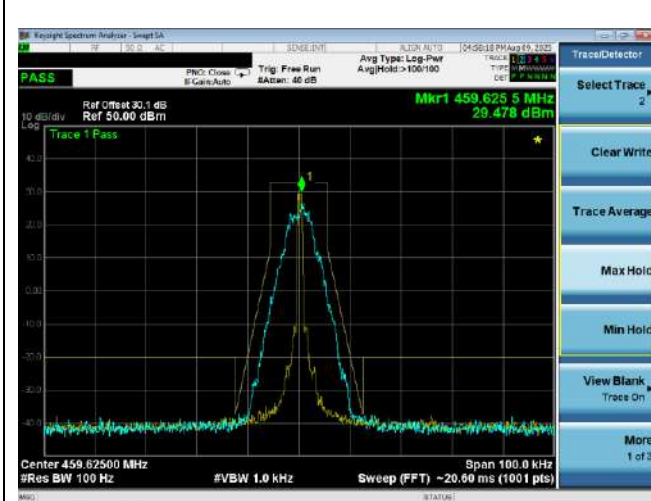
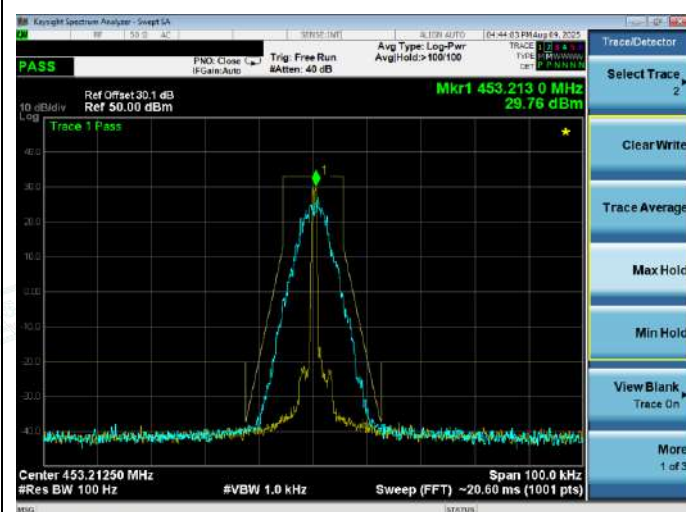
TM3

TM3



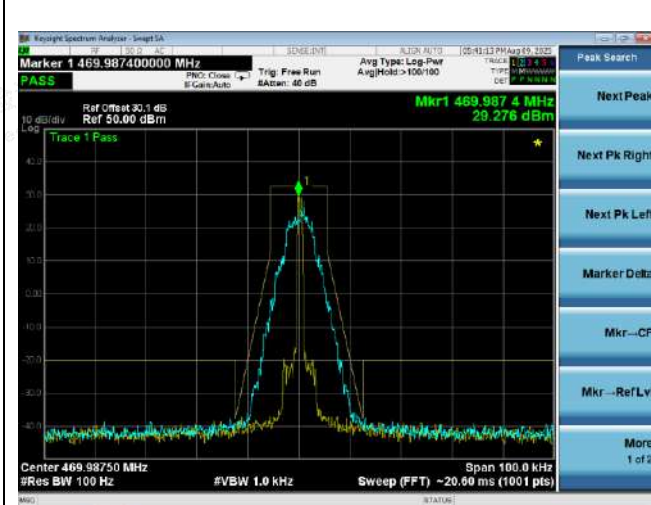
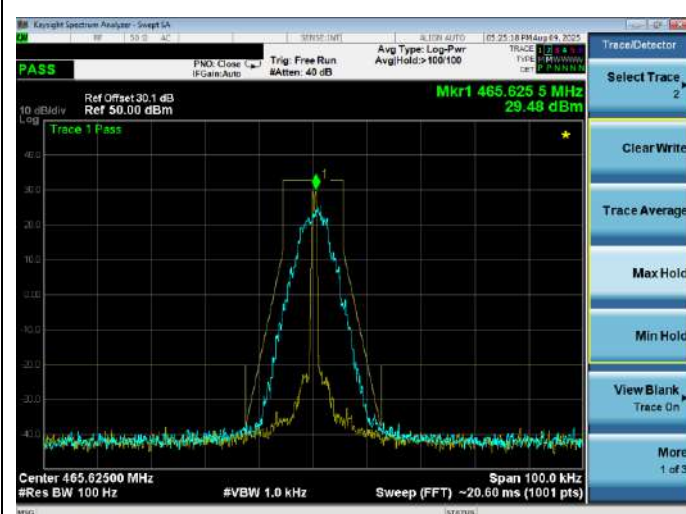
406.1125 MHz

430.1125 MHz



453.2125 MHz

459.625 MHz



465.625 MHz

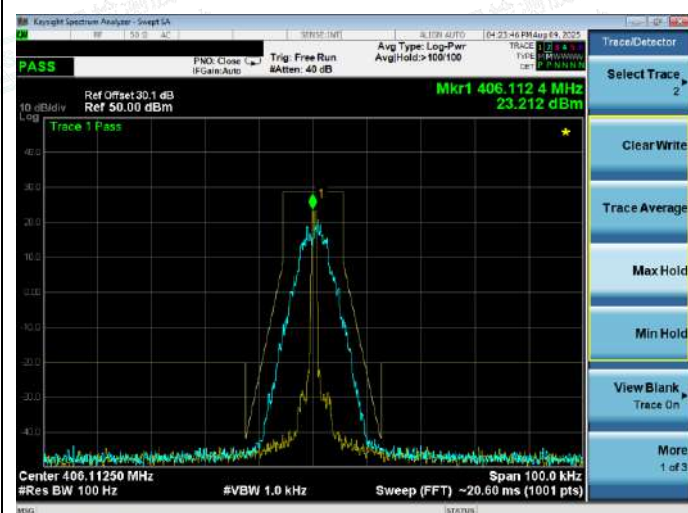
469.9875 MHz



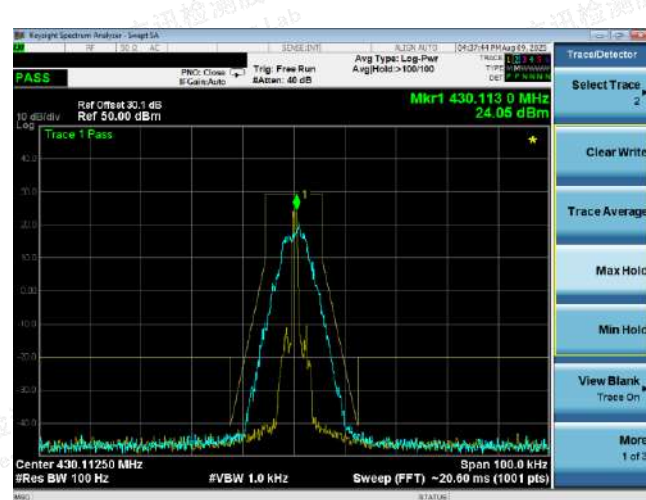


Emission Mask

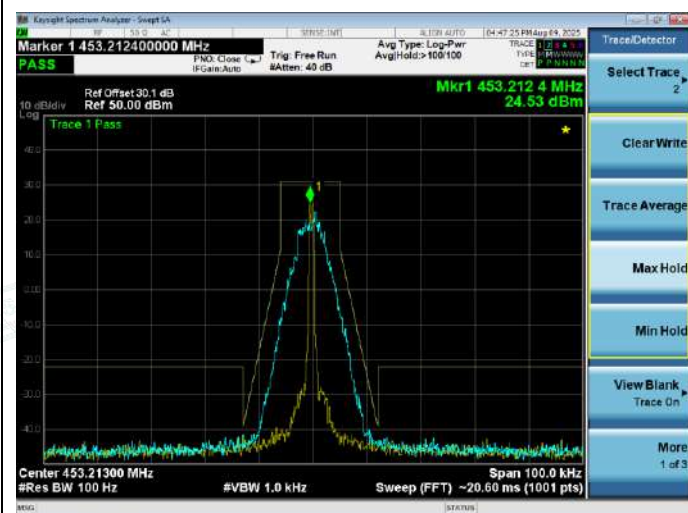
TM4



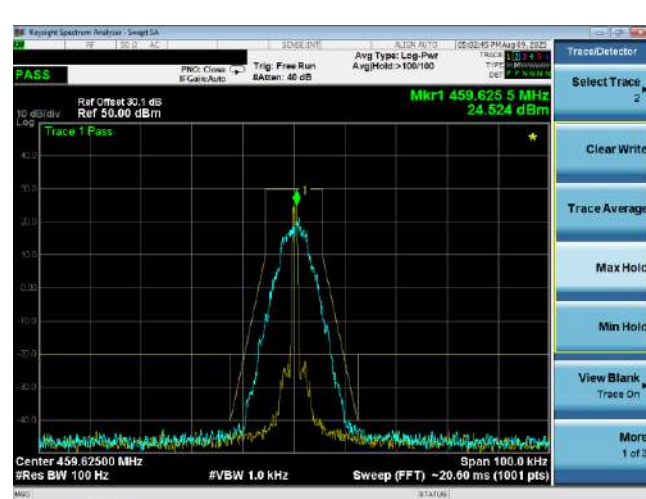
TM4



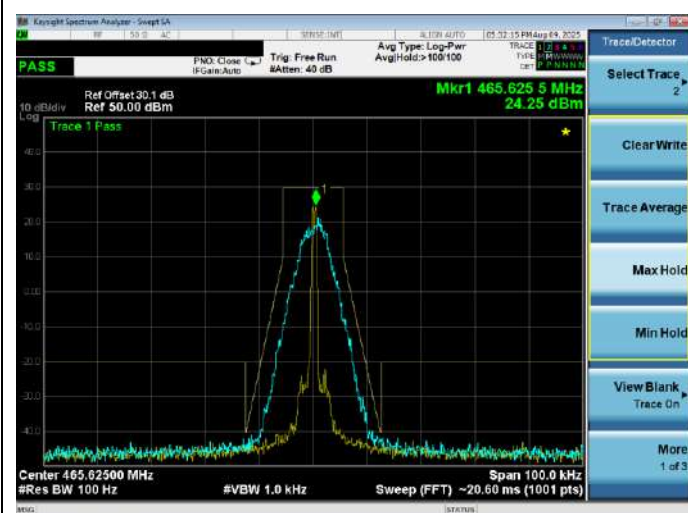
406.1125 MHz



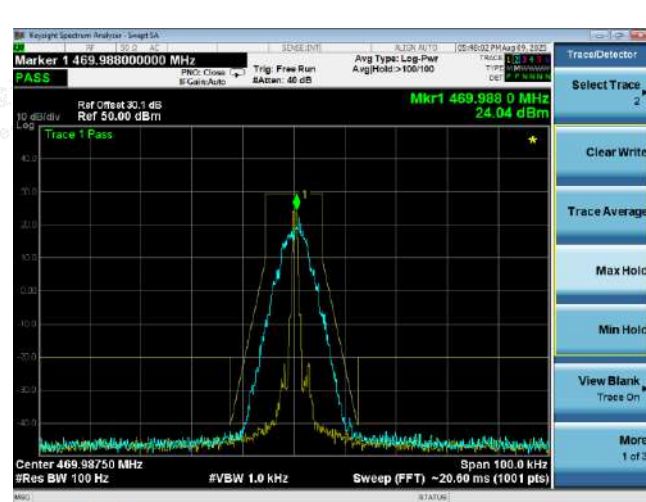
430.1125 MHz



453.2125 MHz



459.625 MHz



465.625 MHz

469.9875 MHz



5.3. Transmitter Radiated Spurious Emission

5.3.1 Test Applicable

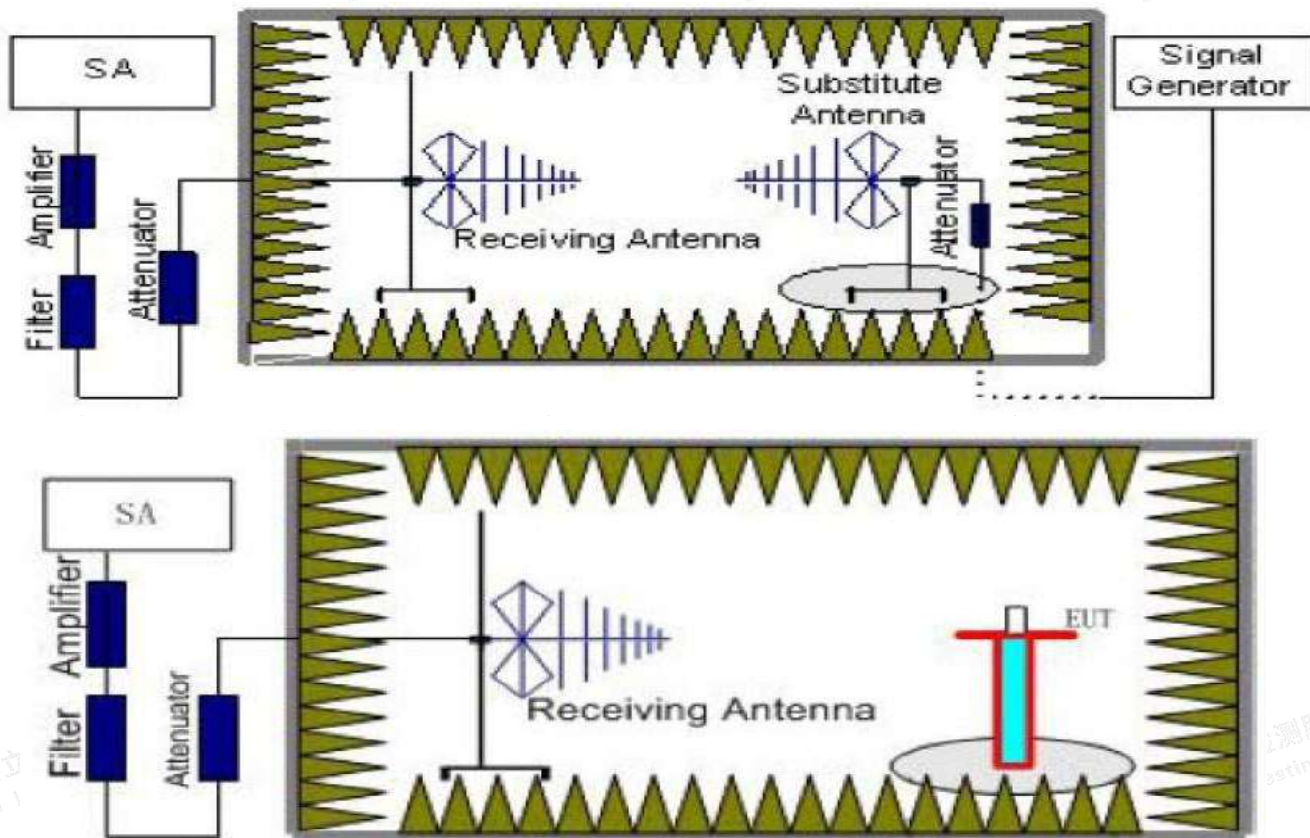
According to the ANSI C63.26:2015 test method, and according to Section 90.210, the power of each unwanted emission shall be less than Transmitted Power as specified below for transmitters designed to operate with 12.5 KHz channel bandwidth:

- 1 On any frequency removed from the centre of the authorized bandwidth f_0 to 5.625 KHz removed from f_0 : Zero dB
- 2 On any frequency removed from the centre of the authorized bandwidth by a displacement frequency (f_d in KHz) f_0 of more than 5.625 KHz but no more than 12.5 KHz: At least 7.27dB
- 3 On any frequency removed from the centre of the authorized bandwidth by a displacement frequency (f_d in KHz) f_0 of more than 12.5 KHz: At least $50 + 10 \log(P)$ dB or 70 dB, whichever is lesser attenuation.

For transmitters designed to transmit with 25 KHz channel separation and equipped with an audio low-pass filter, the power of any emission must be attenuated below the unmodulated carrier power (P) as following:

- 1 On any frequency removed from the assigned frequency by more than 50 percent, but no more than 100 percent of the authorized bandwidth: At least 25 dB.
- 2 On any frequency removed from the assigned frequency by more than 100 percent, but no more than 250 percent of the authorized bandwidth: At least 35 dB.
- 3 On any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth: At least $43 + 10 \log(P)$ dB.

5.3.2 Test Configuration



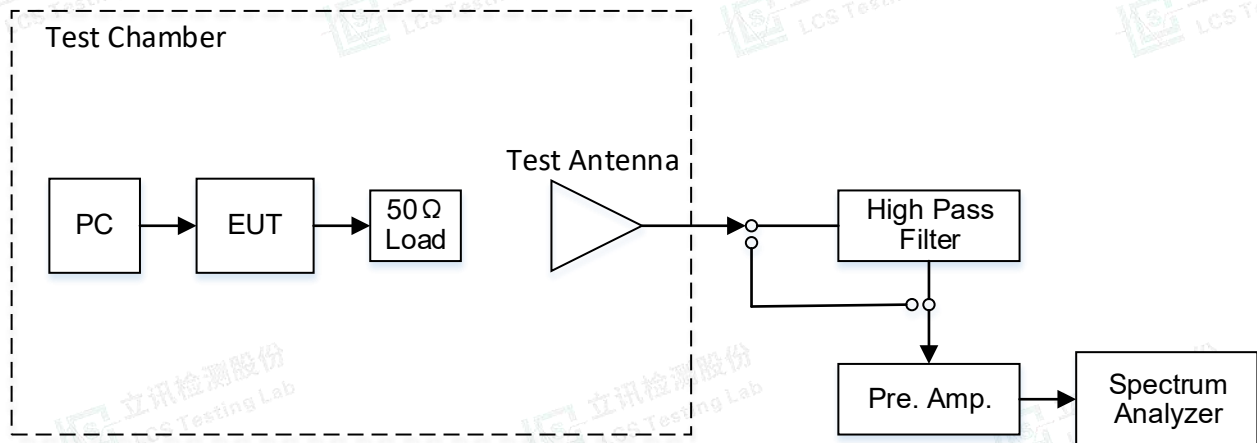
Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

5.3.3 Test Arrangement



5.3.4 Test Procedure

1. EUT was placed on a 1.50-meter-high non-conductive stand at a 3 meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The height of receiving antenna is 1.50 m. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all transmit frequencies in six channels were measured with peak detector.
2. A log-periodic antenna or double-ridged waveguide horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
3. The EUT is then put into continuously transmitting mode at its maximum power level during the test. Set Test Receiver or Spectrum RBW=1MHz, VBW=3MHz for above 1GHz and RBW=100 KHz, VBW=300 KHz for 30MHz to 1GHz, and the maximum value of the receiver should be recorded as (P_r).
4. The EUT shall be replaced by a substitution antenna. In the chamber, a substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (P_{Mea}) is applied to the input of the substitution antenna, and adjusts the level of the signal generator output until the value of the receiver reach the previously recorded (P_r). The power of signal source (P_{Mea}) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.
5. An amplifier should be connected to the Signal Source output port. And the cable should be connecting between the Amplifier and the Substitution Antenna. The cable loss (P_{cl}), the Substitution Antenna Gain (G_a) and the Amplifier Gain (P_{Ag}) should be recorded after test.

The measurement results are obtained as described below:

$$\text{Power (EIRP)} = P_{Mea} - P_{Ag} - P_{cl} - G_a$$





The measurement results are amending as described below:

$$\text{Power (EIRP)} = P_{\text{Mea}} - P_{\text{cl}} - G_a$$

6. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi) and known input power.
7. ERP can be calculated from EIRP by subtracting the gain of the dipole, $\text{ERP} = \text{EIRP} - 2.15 \text{ dBi}$.

5.3.5 Limit

Modulation Type: 4FSK

FCC Part 90.210:

For 12.5 kHz bandwidth:

On any frequency removed from the center of the authorized bandwidth by a displacement frequency (f_d in kHz) of more than 12.5 kHz at least:

Calculation: Limit (dBm) = $\text{EL} - 50 - 10 \log(\text{TP}) = -20 \text{ dBm}$

Notes: EL is the emission level of the Output Power expressed in dBm.

For 25 kHz bandwidth:

On any frequency removed from the center of the authorized bandwidth by a displacement frequency (f_d in kHz) of more than 62.5 kHz at least:

Calculation: Limit (dBm) = $\text{EL} - 43 - 10 \log_{10}(\text{TP}) = -13 \text{ dBm}$

Notes: EL is the emission level of the Output Power expressed in dBm.

Note: 1. In general, the worst case attenuation requirement shown above was applied.

2. The measurement frequency range from 9 KHz to 5 GHz.

3. *** means that the emission level is too low to be measured or at least 20 dB down than the limit.

4. ERP for below 1GHz and EIRP above 1GHz.

5.3.5 Test Results

Temperature	23.9°C	Humidity	54.7%
Test Engineer	Jay Luo	Test Voltage	Normal Voltage

Remark:

1. Measured at TM1 to TM4 recorded worst case at TM1;

2. Please refer to following page.

3. All the modes have been tested and recorded worst mode in the report.





Modulation Type: FM							
Operation Mode: TM1				Channel Separation:12.5KHz			
				Test Frequency:406.1125MHz			
Frequency (MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Correction (dB)	Peak EIRP (dBm)	Limit (dBm)	Polarization
820.48	-42.23	5.26	9.88	2.15	-24.94	-20.00	H
1230.52	-52.88	6.11	11.36	2.15	-33.26	-20.00	H
1640.61	-48.38	7.01	11.42	2.15	-27.80	-20.00	H
820.47	-48.79	5.26	9.88	2.15	-31.50	-20.00	V
1230.62	-51.58	6.11	11.36	2.15	-31.96	-20.00	V
1640.76	-57.80	7.01	11.42	2.15	-37.22	-20.00	V

Modulation Type: FM							
Operation Mode: TM1				Channel Separation:12.5KHz			
				Test Frequency:430.1125MHz			
Frequency (MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Correction (dB)	Peak EIRP (dBm)	Limit (dBm)	Polarization
820.54	-42.21	5.26	9.88	2.15	-24.92	-20.00	H
1230.58	-52.96	6.11	11.36	2.15	-33.34	-20.00	H
1640.61	-48.36	7.01	11.42	2.15	-27.78	-20.00	H
820.46	-48.66	5.26	9.88	2.15	-31.37	-20.00	V
1230.70	-51.48	6.11	11.36	2.15	-31.86	-20.00	V
1640.70	-57.68	7.01	11.42	2.15	-37.10	-20.00	V

Modulation Type: FM							
Operation Mode: TM1				Channel Separation:12.5KHz			
				Test Frequency: 453.2125MHz			
Frequency (MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Correction (dB)	Peak EIRP (dBm)	Limit (dBm)	Polarization
906.52	-42.26	5.39	9.38	2.15	-25.34	-20.00	H
1359.61	-54.05	5.67	11.02	2.15	-35.21	-20.00	H
1812.64	-48.24	6.59	10.98	2.15	-28.52	-20.00	H
906.47	-50.34	5.39	9.38	2.15	-33.42	-20.00	V
1359.57	-52.38	5.67	11.02	2.15	-33.54	-20.00	V
1812.66	-58.16	6.59	10.98	2.15	-38.44	-20.00	V

Modulation Type: FM							
Operation Mode: TM1				Channel Separation:12.5KHz			
				Test Frequency: 459.624MHz			
Frequency (MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Correction (dB)	Peak EIRP (dBm)	Limit (dBm)	Polarization
906.46	-42.18	5.39	9.38	2.15	-25.26	-20.00	H
1359.59	-53.98	5.67	11.02	2.15	-35.14	-20.00	H
1812.67	-48.21	6.59	10.98	2.15	-28.49	-20.00	H
906.54	-50.44	5.39	9.38	2.15	-33.52	-20.00	V
1359.54	-52.50	5.67	11.02	2.15	-33.66	-20.00	V
1812.70	-58.23	6.59	10.98	2.15	-38.51	-20.00	V





Modulation Type: FM							
Operation Mode: TM1				Channel Separation: 12.5KHz			
				Test Frequency: 465.625MHz			
Frequency (MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Correction (dB)	Peak EIRP (dBm)	Limit (dBm)	Polarization
939.51	-42.40	5.28	9.37	2.15	-25.60	-20.00	H
1409.14	-53.59	5.62	10.9	2.15	-34.92	-20.00	H
1878.59	-46.33	6.73	10.83	2.15	-26.62	-20.00	H
939.50	-49.52	5.28	9.31	2.15	-32.78	-20.00	V
1408.98	-51.67	5.84	11.01	2.15	-32.67	-20.00	V
1878.70	-56.50	6.75	11.06	2.15	-36.54	-20.00	V

Modulation Type: FM							
Operation Mode: TM1				Channel Separation:12.5KHz			
				Test Frequency: 469.9875MHz			
Frequency (MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Correction (dB)	Peak EIRP (dBm)	Limit (dBm)	Polarization
939.53	-42.36	5.28	9.37	2.15	-25.56	-20.00	H
1408.98	-53.48	5.62	10.9	2.15	-34.81	-20.00	H
1878.74	-46.33	6.73	10.83	2.15	-26.62	-20.00	H
939.51	-49.43	5.28	9.31	2.15	-32.69	-20.00	V
1409.06	-51.68	5.84	11.01	2.15	-32.68	-20.00	V
1878.58	-56.47	6.75	11.06	2.15	-36.51	-20.00	V

Notes:

- 1). Measuring frequencies from 9 KHz~10th harmonic (ex. 26GHz), No emission found between lowest internal used/generated frequency to 30MHz;
- 2). Radiated emissions measured in frequency range from 9 KHz~10th harmonic (ex. 26GHz) were made with an instrument using Peak detector mode;
- 3). Peak EIRP = P_{Mea} + Path Loss + Antenna Gain + Correction Value (2.15).





5.4. Spurious Emission on Antenna Port

5.4.1 Test Applicable

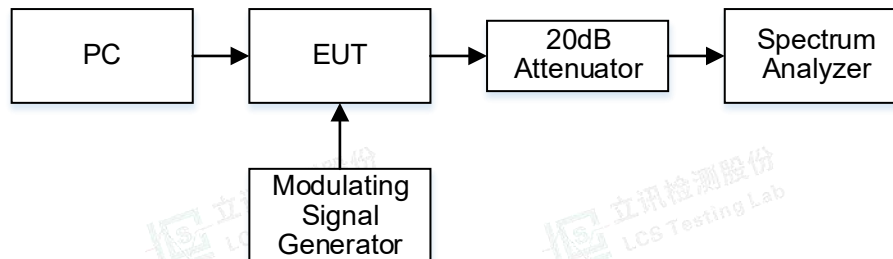
The same as Section 5.3

5.4.2 Test Procedure

The RF output of the EUT was connected to a spectrum analyzer through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set to 100 kHz. Sufficient scans were taken to show any out of band emission up to 10th. Harmonic for the lower and the highest frequency range. Set RBW 1KHz, VBW 3KHz in the frequency band 9KHz to 150KHz, set RBW 10KHz, VBW 30 KHz in the frequency band 150KHz to 30 MHz, set RBW 100 kHz, VBW 300 kHz in the frequency band 30MHz to 1GHz, while set RBW=1MHz, VBW=3MHz from the 1GHz to 10th Harmonic.

The audio input was set to 0 to get the unmodulated carrier, the resulting picture is print out for each channel separation.

5.4.3 Test Configuration



5.4.4 Limit

Modulation Type: 4FSK

FCC Part and 90.210:

For 12.5 kHz bandwidth:

On any frequency removed from the center of the authorized bandwidth by a displacement frequency (f_d in kHz) of more than 12.5 kHz at least:

Calculation: Limit (dBm) = EL - 50 - 10log (TP) = -20 dBm

For 25 kHz bandwidth:

On any frequency removed from the center of the authorized bandwidth by a displacement frequency (f_d in kHz) of more than 62.5 kHz at least:

Calculation: Limit (dBm) = EL - 43 - 10log (TP) = -13 dBm

Notes: EL is the emission level of the Output Power expressed in dBm.

Note: 1. In general, the worst case attenuation requirement shown above was applied.

2. The measurement frequency range from 9 KHz to 6GHz.





5.4.5 Test Results

Temperature	22.6°C	Humidity	53.7%
Test Engineer	Jay Luo	Test Voltage	Normal Voltage

Operation Mode	Test Channel	Test Frequency (MHz)	Measured Frequency Range	Spurious RF Conducted Emission (dBc)	Limits (dBc)	Verdict
TM1	L	406.1125	9 KHz – 6 GHz	<-20	-20	PASS
	M 1	430.1125	9 KHz – 6 GHz	<-20		
	M 2	453.2125	9 KHz – 6 GHz	<-20		
	M 3	459.625	9 KHz – 6 GHz	<-20		
	M 4	465.625	9 KHz – 6 GHz	<-20		
	H	469.9875	9 KHz – 6 GHz	<-20		

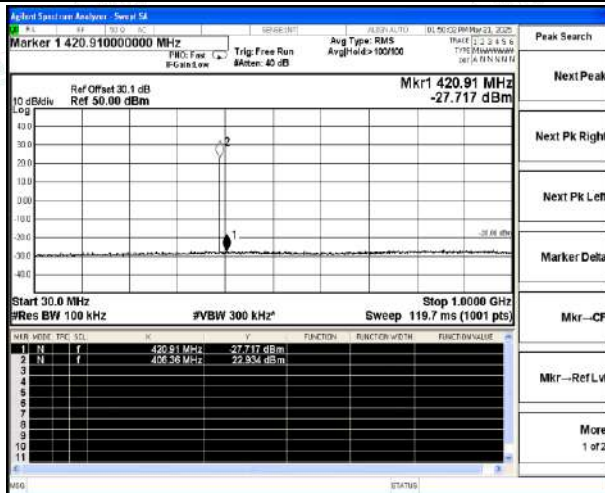
Remark:

1. Measured at TM1 to TM4, recorded worst case at TM1;
2. Please refer to following plot.
3. All the modes have been tested and recorded worst mode in the report.

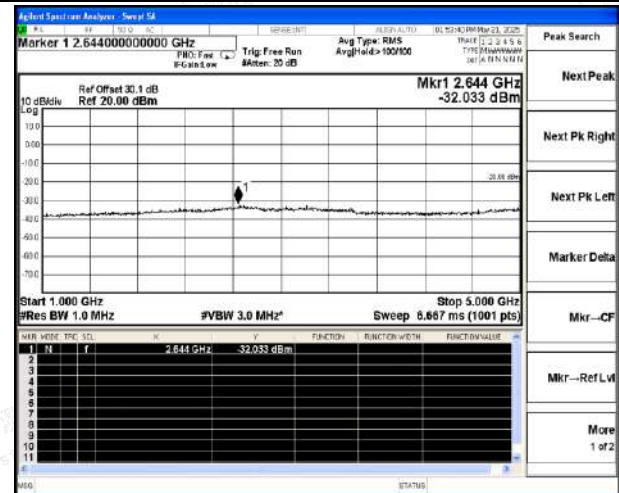




Spurious Emission on Antenna Port TM1 /406.1125 MHz

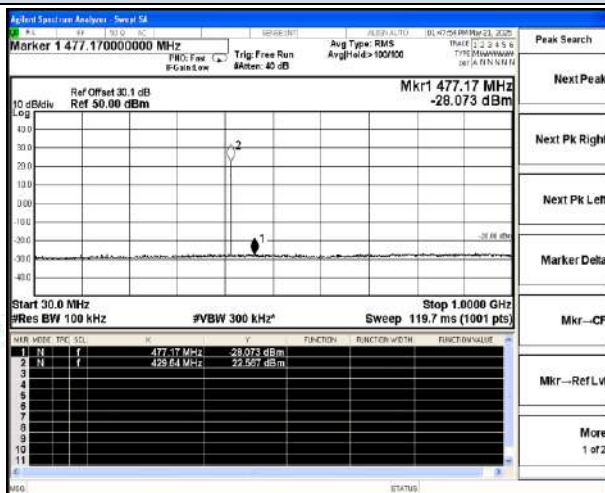


30 MHz – 1 GHz

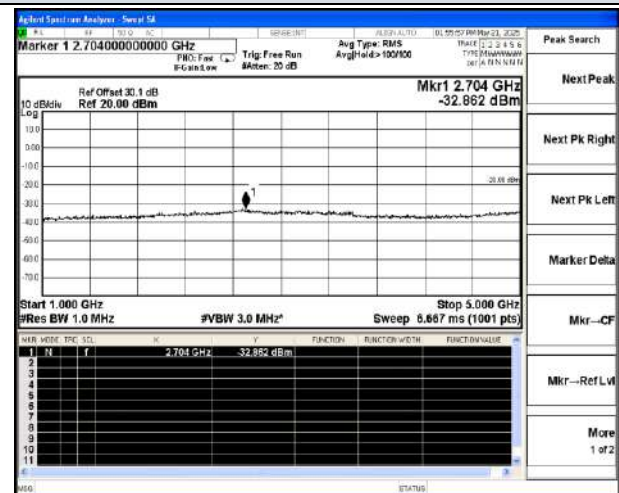


1 GHz – 5 GHz

TM1 /430.1125 MHz

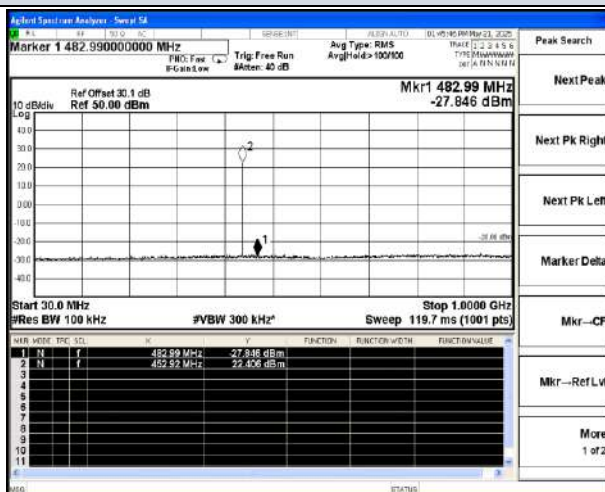


30 MHz – 1 GHz

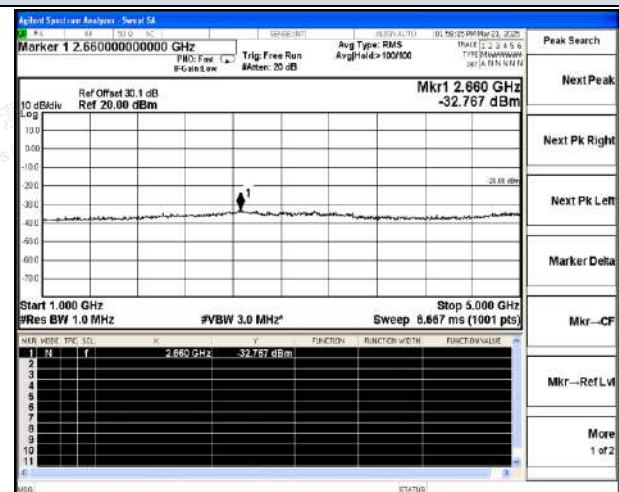


1 GHz – 5 GHz

TM1 /453.2125 MHz



30 MHz – 1 GHz



1 GHz – 5 GHz



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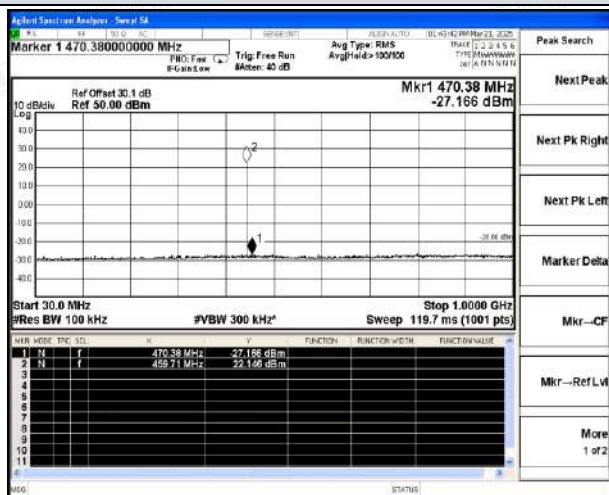
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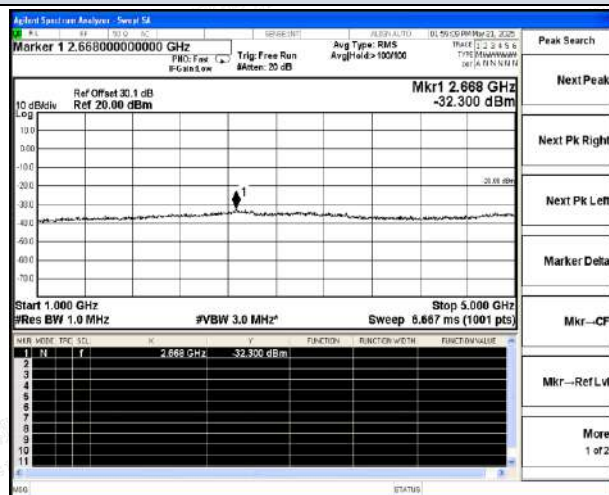
Scan code to check authenticity



TM1 /459.625 MHz

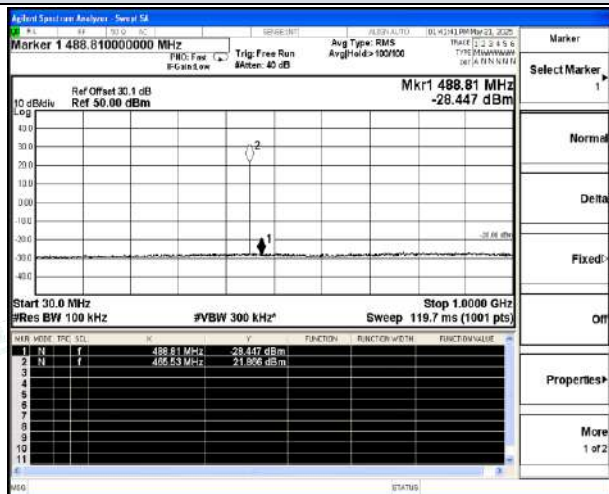


30 MHz – 1 GHz

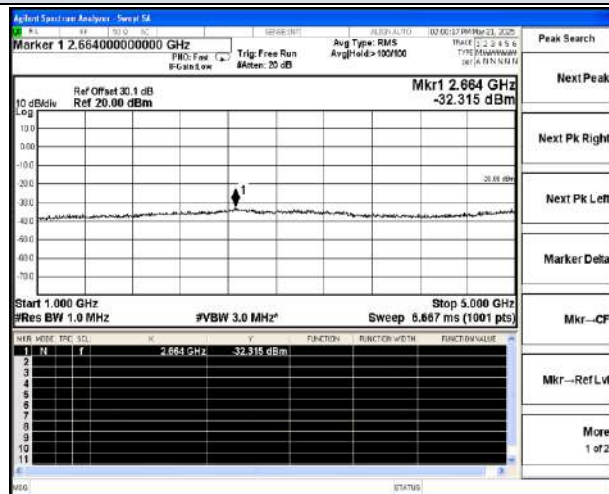


1 GHz – 5 GHz

TM1 /465.625 MHz

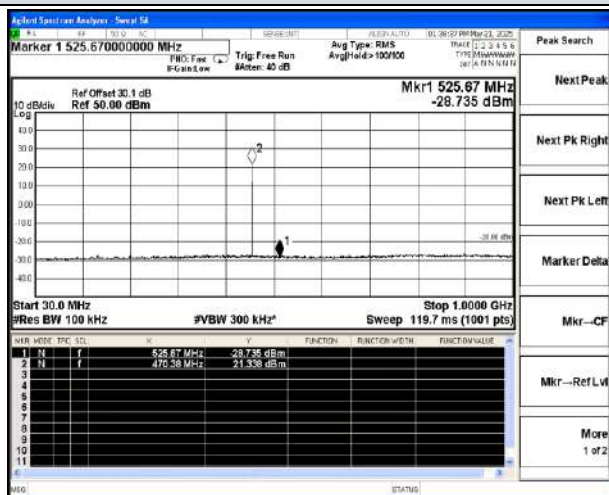


30 MHz – 1 GHz

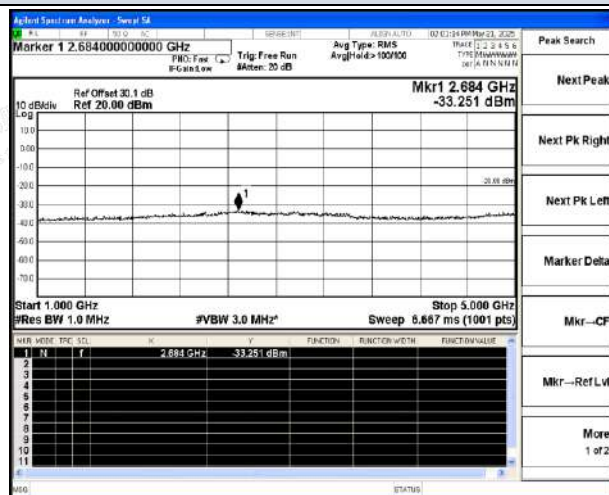


1 GHz – 5 GHz

TM1 /469.9875 MHz



30 MHz – 1 GHz



1 GHz – 5 GHz



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5.5. Frequency Stability Test

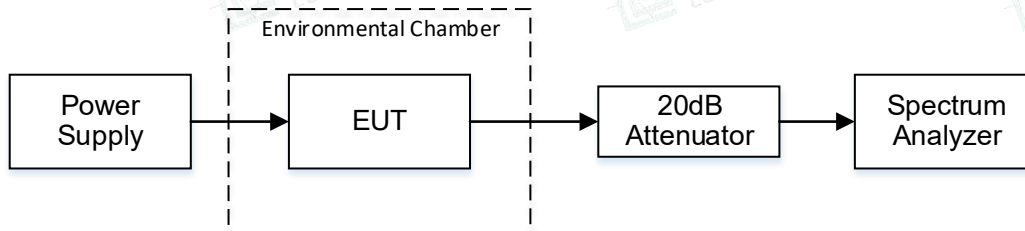
5.5.1 Test Applicable

- 1 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 +60°C centigrade.
- 2 According to FCC Part 2 Section 2.1055 (e) (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 manufacture.
- 3 Vary primary supply voltage from 85 to 115 percent of the nominal value.
- 4 According to §90.213, the frequency stability limit is 2.5 ppm for 12.5KHz and 5.0ppm for 25KHz channel separation

5.5.2 Test Procedure

The EUT was set in the climate chamber and connected to an external DC power supply and AC power supply. The RF output was directly connected to Spectrum Analyzer ESCI3. The coupling loss of the additional cables was recorded and taken in account for all the measurements. After temperature stabilization (approx. 20 min for each stage), the frequency for the lower, the middle and the highest frequency range was recorded. For Frequency stability Vs. Voltage the EUT was connected to a DC power supply or AC power supply and the voltage was adjusted in the required ranges. The result was recorded.

5.5.3 Test Configuration



5.5.4 Test Limits

According to 90.213, Transmitters used must have minimum frequency stability as specified in the following table.

Frequency Range	Channel Bandwidth	Frequency Tolerance (ppm)		
		Fixed and Base Station	Mobile Stations	
			> 2W	≤ 2W
150-174MHz	6.25	1.0	2.0	2.0
	12.5	2.5	5.0	5.0
	25	5.0	5.0	50.0*
421-512MHz	6.25	0.5	1.0	1.0
	12.5	1.5	2.5	2.5
	25	2.5	5.0	5.0

* Stations operating in the 154.45 MHz or the 173.2 to 173.4 MHz bands must have a frequency stability of 5 ppm.

* Paging transmitters operating on paging-only frequencies must operate with frequency stability of 5 ppm in the 150-174 MHz band and 1.5 ppm in the 421-512 MHz band.



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5.5.5 Test Results

Temperature	23.9℃	Humidity	54.7%
Test Engineer	Jay Luo	Test Voltage	Normal Voltage

Operation Mode	Channel Separation	Test conditions		Frequency error (ppm)		
		Voltage(V)	Temp (℃)	406.1125	430.1125	453.2125
TM1	12.5KHz	3.8V	-30	0.009	0.054	0.118
			-20	0.009	0.032	0.042
			-10	0.088	0.110	0.072
			0	0.011	0.042	0.065
			10	0.068	0.034	0.079
			20	0.002	0.090	0.011
			30	0.044	0.076	0.120
			40	0.033	0.005	0.011
			50	0.034	0.090	0.028
		3.2(85% Rated)	20	0.120	0.087	0.096
		4.35(115% Rated)	20	0.018	0.100	0.090
Limit		2.5ppm				
Test Results		PASS				

Operation Mode	Channel Separation	Test conditions		Frequency error (ppm)		
		Voltage(V)	Temp (℃)	459.625	465.625	469.9875
TM1	12.5KHz	3.8V	-30	0.085	0.013	0.038
			-20	0.099	0.024	0.030
			-10	0.048	0.117	0.028
			0	0.048	0.022	0.033
			10	0.092	0.022	0.034
			20	0.096	0.112	0.048
			30	0.100	0.051	0.028
			40	0.082	0.035	0.033
			50	0.007	0.072	0.024
		3.2(85% Rated)	20	0.041	0.013	0.029
		4.35(115% Rated)	20	0.014	0.063	0.012
Limit			2.5ppm			
Test Results			PASS			

Remark:

1. Measured at TM1 to TM2, recorded worst case at TM1.
2. All the modes have been tested and recorded worst mode in the report.



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5.6. Transient Frequency Behavior

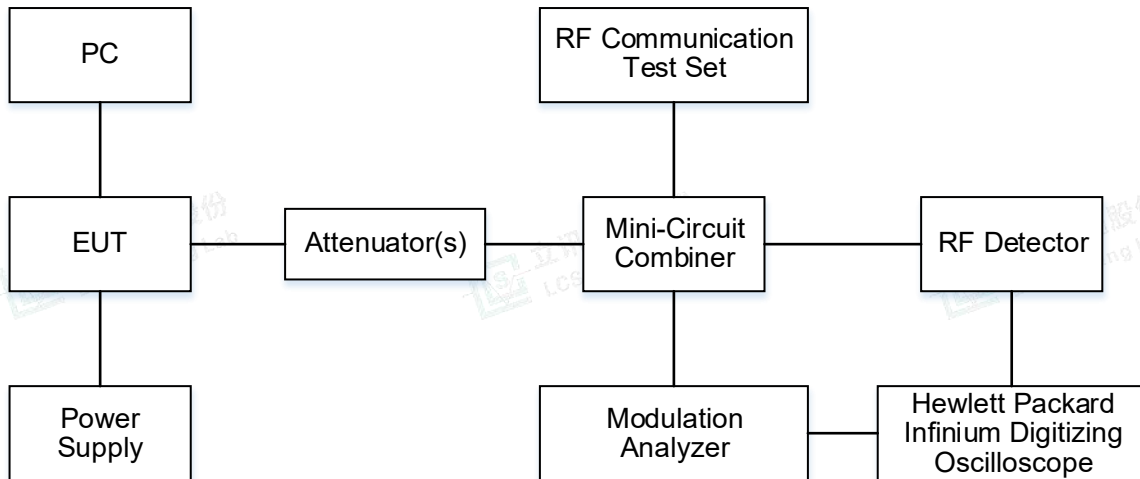
5.6.1 Test Applicable

Section 90.214

Transient frequencies must be within the maximum frequency difference limits during the time intervals indicated:

Time intervals ^{1, 2}	Maximum frequency difference ³	All equipment	
		1500 to 174 MHz	421 to 512 MHz
Transient Frequency Behavior for Equipment Designed to Operate on 25KHz Channels			
t ₁ ⁴	± 25.0KHz	5.0ms	10.0ms
t ₁	± 12.5KHz	20.0ms	25.0ms
t ₃ ⁴	± 25.0KHz	5.0ms	10.0ms
Transient Frequency Behavior for Equipment Designed to Operate on 12.5KHz Channels			
t ₁ ⁴	±12.5KHz	5.0ms	10.0ms
t ₁	± 6.25KHz	20.0ms	25.0ms
t ₃ ⁴	± 12.5KHz	5.0ms	10.0ms
Transient Frequency Behavior for Equipment Designed to Operate on 6.25KHz Channels			
t ₁ ⁴	±6.25KHz	5.0ms	10.0ms
t ₁	± 3.125KHz	20.0ms	25.0ms
t ₃ ⁴	± 6.25KHz	5.0ms	10.0ms
1. t_{on} is the instant when a 1 KHz test signal is completely suppressed, including any capture time due to phasing. t₁ is the time period immediately following t_{on}. t₂ is the time period immediately following t₁. t₃ is the time period from the instant when the transmitter is turned off until t_{off}. t_{off} is the instant when 1 KHz test signal starts to rise. 2. During the time from the end of t₂ to the beginning of t₃, the frequency difference must not exceed the limits specified in 90.213. 3. Difference between the actual transmitter frequency and the assigned transmitter frequency. 4. If the transmitter carrier output power rating is 6 watts or less, the frequency difference during this time period may exceed the maximum frequency for this time period.			

5.6.2 Test Configuration



5.6.3 Test Procedure

According to TIA/EIA-603 2.2.19 requirement.



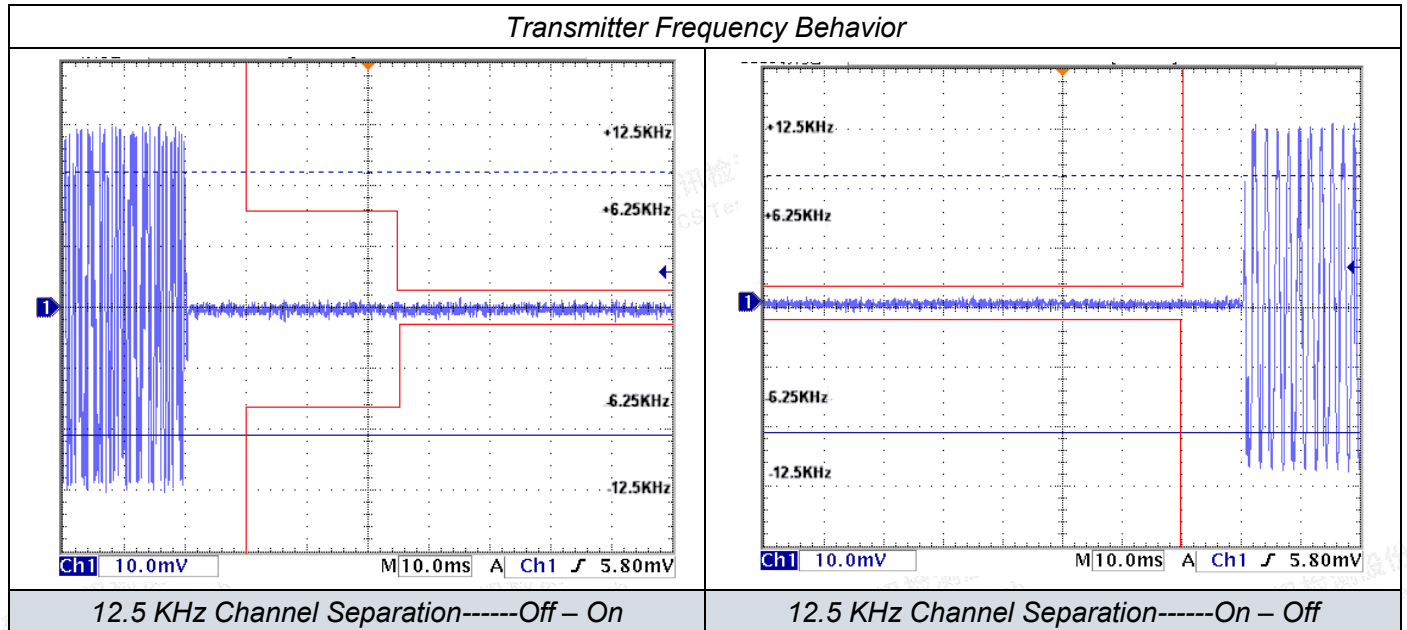


5.6.4 Test Results

Temperature	23.9°C	Humidity	54.7%
Test Engineer	Jay Luo	Test Voltage	Normal Voltage

Measured at TM1 to TM4, recorded worst case at TM3.

Modulation Type: 4FSK





5.7. FCC §2.1047 - MODULATION CHARACTERISTIC

5.7.1 Test Applicable

Section 90.214

Transient frequencies must be within the maximum frequency difference limits during the time intervals indicated:

Applicable Standard

FCC §2. 1047

(a) Equipment which utilizes voice modulated communication shall show the frequency response of the audio modulating circuit over a range of 100 to 5000 Hz. for equipment which is required to have a low pass filter, the frequency response of the filter, or all of the circuitry installed between the modulation limited and the modulated stage shall be supplied.

(b) Equipment which employs modulation limiting, a curve showing the percentage of modulation versus the modulation input voltage shall be supplied.

Test Procedure

Test Method: TIA-603-E 2.2.3

Test Data

Environmental Conditions

Temperature	23.9°C	Humidity	54.7%
Test Engineer	Jay Luo	Test Voltage	Normal Voltage

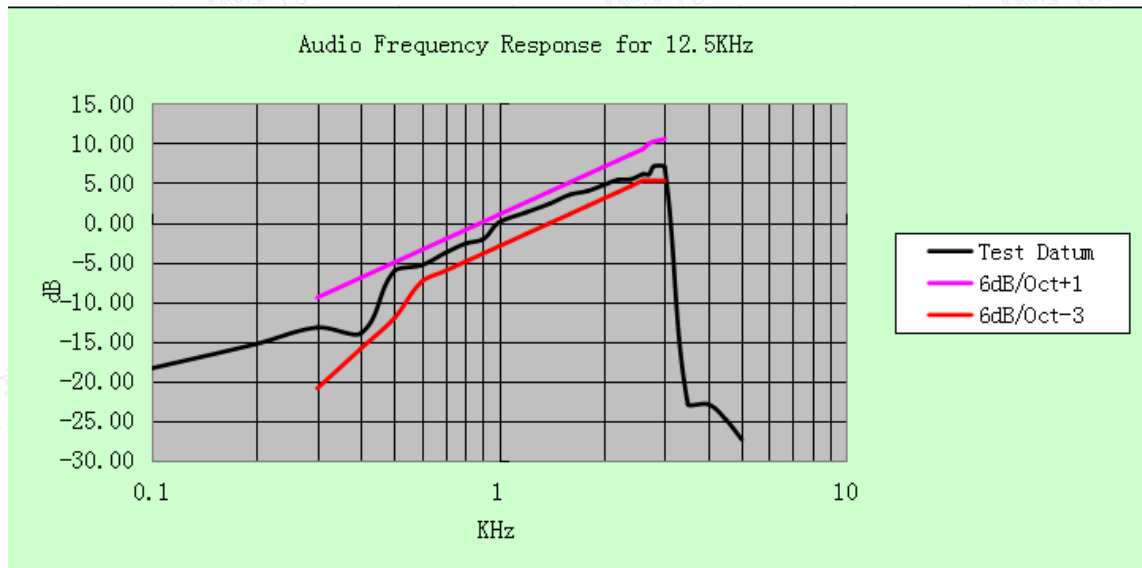
Test Mode: Transmitting

Test Result: Compliance. please refer to the following tables.

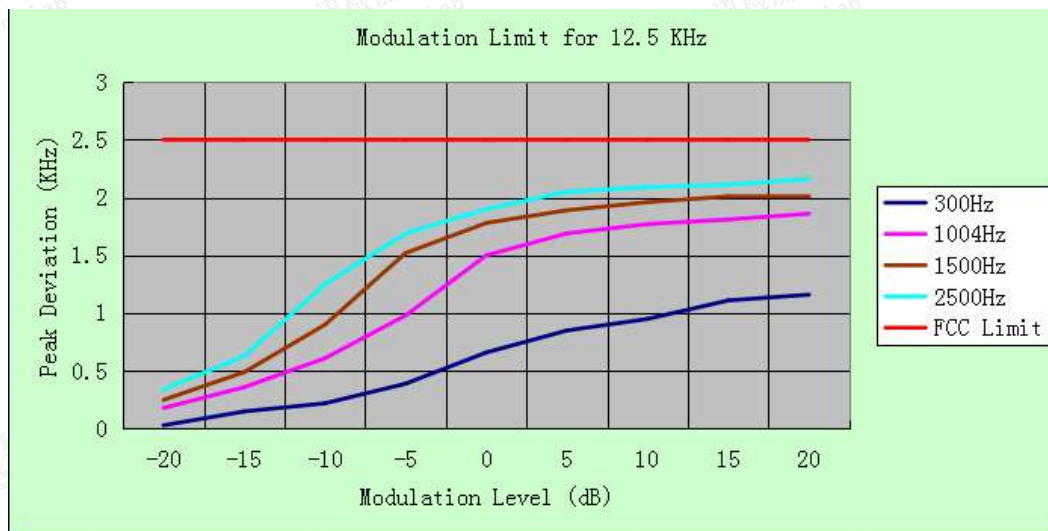


**Audio Frequency Response – High Power****12.5kHz**

Carrier Frequency: 453.2125 MHz

**MODULATION LIMITING – High Power****12.5kHz**

Carrier Frequency: 453.2125 MHz





6. LIST OF MEASURING EQUIPMENT

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	Power Meter	R&S	NRVS	100444	2024-06-06	2025-06-05
					2025-05-22	2026-05-21
2	Power Sensor	R&S	NRV-Z81	100458	2024-06-06	2025-06-05
					2025-05-22	2026-05-21
3	Power Sensor	R&S	NRV-Z32	10057	2024-06-06	2025-06-05
					2025-05-22	2026-05-21
4	Test Software	Tonscend	JS1120-2	/	N/A	N/A
5	RF Control Unit	Tonscend	JS0806-2	N/A	2024-11-08	2025-11-07
6	MXA Signal Analyzer	Agilent	N9020A	MY50510140	2024-10-08	2025-10-07
7	DC Power Supply	Agilent	E3642A	N/A	2024-10-08	2025-10-07
8	EMI Test Software	AUDIX	E3	/	N/A	N/A
9	3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	2024-06-06	2025-06-05
					2025-05-22	2026-05-21
10	Positioning Controller	Max-Full	MF7802BS	MF780208586	N/A	N/A
11	Active Loop Antenna	SCHWARZBECK	FMZB 1519B	00005	2024-07-13	2027-07-12
12	By-log Antenna	SCHWARZBECK	VULB9163	9163-470	2024-08-03	2027-08-02
13	Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1925	2024-07-13	2027-07-12
14	Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	791	2024-07-13	2027-07-12
15	Broadband Preamplifier	SCHWARZBECK	BBV9719	9719-025	2024-07-30	2025-07-29
16	EMI Test Receiver	R&S	ESR 7	101181	2024-06-06	2025-06-05
					2025-05-22	2026-05-21
17	RS SPECTRUM ANALYZER	R&S	FSP40	100503	2024-06-06	2025-06-05
					2025-05-22	2026-05-21
18	Low-frequency amplifier	SchwarzZBECK	BBV9745	00253	2024-10-08	2025-10-07
19	High-frequency amplifier	JS Denki Pte	PA0118-43	JSPA21009	2024-10-08	2025-10-07
20	6dB Attenuator	/	100W/6dB	1172040	2024-06-06	2025-06-05
					2025-05-22	2026-05-21
21	3dB Attenuator	/	2N-3dB	/	2024-10-08	2025-10-07
					2024-06-06	2025-06-05
22	EMI Test Receiver	R&S	ESPI	101940	2025-05-22	2026-05-21
					2024-06-06	2025-06-05
23	Artificial Mains	R&S	ENV216	101288	2025-05-22	2026-05-21
					2024-06-06	2025-06-05
24	10dB Attenuator	SCHWARZBECK	MTS-IMP-136	261115-001-0032	2024-06-06	2025-06-05
					2025-05-22	2026-05-21
25	EMI Test Software	Farad	EZ	/	N/A	N/A
26	Antenna Mast	Max-Full	MFA-515BSN	1308572	N/A	N/A
27	Pulse Limiter	R&S	ESH3-Z2	102750-NB	2024-06-06	2025-06-05
					2025-05-22	2026-05-21





7. TEST SETUP PHOTOGRAPHS OF EUT

Please refer to separated files for Test Setup Photos of the EUT.

8. EXTERIOR PHOTOGRAPHS OF THE EUT

Please refer to separated files for External Photos of the EUT.

9. INTERIOR PHOTOGRAPHS OF THE EUT

Please refer to separated files for Internal Photos of the EUT.

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