

TEST REPORT

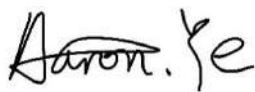
Product Name : TWO WAY RADIO
Brand Name : RETEVIS
Model : NR40
Series Model : /
Applicant : ZHENGZHOU YSAIR TECHNOLOGY CO.,LTD
Address : Room 2101, 21st Floor of B Block, Silicon Valley Plaza, 82 Culture Street, Jinshui District, Zhengzhou City, Henan Province, China
Manufacturer : Shenzhen Retevis Technology Co., Ltd.
Address : 7/F, 13-C, Zhonghaixin Science&Technology Park, No.12 Ganli 6th Road, Jihua Street, Longgang District, Shenzhen, China
Standard(s) : **FCC CFR Title 47 Part 2, Part 90**
Date of Receipt : Sep.12, 2025
Date of Test : Sep.12, 2025 ~ October 16, 2025
Issued Date : October 16, 2025

Issued By:
Guangdong Asia Hongke Test Technology Limited

B1/F, Building 11, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Tel.: +86 0755-230967639

Fax.: +86 0755-230967639

Reviewed by:


Aalen.Ye

Approved by:


Allen Wang

Note: This device has been tested and found to comply with the standard(s) listed, this 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. This report shall not be reproduced except in full, without the written approval of Guangdong Asia Hongke Test Technology Limited. If there is a need to alter or revise this document, the right belongs to Guangdong Asia Hongke Test Technology Limited, and it should give a prior written notice of the revision document. This test report must not be used by the client to claim product endorsement.

Guangdong Asia Hongke Test Technology Limited

B1/F, Building 11, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China.



Report Revise Record

Report Version	Issued Date	Notes
M1	October 16, 2025	Initial Release

TABLE OF CONTENTS

Test Report Description

Page

1. GENERAL INFORMATION	5
1.1. DESCRIPTION OF DEVICE (EUT)	5
1.2. SUPPORT EQUIPMENT LIST	6
1.3. EXTERNAL I/O CABLE	6
1.4. DESCRIPTION OF TEST FACILITY	6
1.5. STATEMENT OF THE MEASUREMENT UNCERTAINTY	6
1.6. MEASUREMENT UNCERTAINTY	7
1.7. DESCRIPTION OF TEST MODES	7
2. SYSTEM TEST CONFIGURATION	8
2.1. TEST STANDARDS	8
2.2. EUT CONFIGURATION	8
2.3. EUT EXERCISE	8
2.4. TEST SAMPLE	8
3. SYSTEM TEST CONFIGURATION	9
3.1. JUSTIFICATION	9
3.2. EUT EXERCISE SOFTWARE	9
3.3. SPECIAL ACCESSORIES	9
3.4. BLOCK DIAGRAM/SCHEMATICS	9
3.5. EQUIPMENT MODIFICATIONS	9
3.6. TEST SETUP	9
4. SUMMARY OF TEST RESULT	10
5. TEST CONDITIONS AND RESULTS	11
5.1. MAXIMUM TRANSMITTER POWER	11
5.1.1 Test Applicable	11
5.1.2 Test Procedure	11
5.1.3 Test Configuration	11
5.1.4 Test Results	11
5.2. OCCUPIED BANDWIDTH AND EMISSION MASK TEST	17
5.2.1 Test Applicable	17
5.2.2 Test Configuration	17
5.2.3 Test Procedure	17
5.2.4 Test Results	18
5.3. TRANSMITTER RADIATED SPURIOUS EMISSION	28
5.3.1 Test Applicable	28
5.3.2 Test Configuration	28
5.3.3 Test Arrangement	29
5.3.4 Test Procedure	29
5.3.5 Limit	30
5.3.5 Test Results	30
5.4. SPURIOUS EMISSION ON ANTENNA PORT	33
5.4.1 Test Applicable	33
5.4.2 Test Procedure	33
5.4.3 Test Configuration	33
5.4.4 Limit	33
5.4.5 Test Results	34
5.5. FREQUENCY STABILITY TEST	37
5.5.1 Test Applicable	37
5.5.2 Test Procedure	37
5.5.3 Test Configuration	37
5.5.4 Test Limits	37
5.5.5 Test Results	38
5.6. TRANSIENT FREQUENCY BEHAVIOR	40
5.6.1 Test Applicable	40
5.6.2 Test Configuration	40
5.6.3 Test Procedure	40
5.6.4 Test Results	41



5.7. FCC §2.1047 - MODULATION CHARACTERISTIC	42
5.7.1 Test Applicable	42
6. LIST OF MEASURING EQUIPMENT	45
7. TEST SETUP PHOTOGRAPHS OF EUT	46
8. EXTERIOR PHOTOGRAPHS OF THE EUT	46
9. INTERIOR PHOTOGRAPHS OF THE EUT	46

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	: TWO WAY RADIO
Test Model	: NR40
Ratings	: Input: 5.0V $\pm$ 1000mA Output: 5.0V $\pm$ 1000mA DC 7.4V by Rechargeable Li-ion Battery, 2800mAh
Hardware Version	: V4.0
Software Version	: V0.1397
PMR	:
Operating Frequency	: 400~470MHz
Channel Separation	: Analog Voice 12.5KHz Digital Voice/Data 12.5KHz
Modulation Type	: FM for Analog Voice 4FSK for Digital Voice/Digital Data
Emission Designator	: 11K0F3E for FM Modulation at 12.5KHz Channel Separation 7K60FXD for 4FSK Modulation at 12.5KHz Channel Separation 7K60FXW for 4FSK Modulation at 12.5KHz Channel Separation
Rated Output Power	: High Power 5W; Lower Power 1W
Antenna Description	: External Antenna, 2.0dBi(Max.)

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

1.2. Support Equipment List

Manufacturer	Description	Model	Serial Number	Certificate
Shenzhen Wanyou Electronic Technology Co., Ltd	Adapter	M4-050100A1	---	FCC

Note: The adapter is supplied by lab and only use tested.

1.3. External I/O Cable

I/O Port Description	Quantity	Cable
Type-C USB Port	1	USB Cable: 1.0m, unshielded

1.4. Description of Test Facility

Test Laboratory:

Guangdong Asia Hongke Test Technology Limited

B1/F, Building 11, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

The test facility is recognized, certified or accredited by the following organizations:

FCC-Registration No.: 251906 Designation Number: CN1376

Guangdong Asia Hongke Test Technology Limited has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

IC —Registration No.: 31737 CAB identifier: CN0165

The 3m Semi-anechoic chamber of Guangdong Asia Hongke Test Technology Limited has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 31737

A2LA-Lab Cert. No.: 7133.01

Guangdong Asia Hongke Test Technology Limited has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

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 Guangdong Asia Hongke Test Technology Limited 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.

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	4FSK+BW12.5KHz+TX	The EUT is set with 4FSK modulation and 12.5KHz bandwidth at maximum rated power for transmitter, powered by DC 12V power
TM2	4FSK+BW12.5KHz+TX	The EUT is set with 4FSK modulation and 12.5KHz bandwidth at minimum rated power for transmitter, powered by DC 12V power
TM3	FM+BW12.5KHz+TX	The EUT is set with FM modulation and 12.5KHz bandwidth at maximum rated power for transmitter, powered by DC 12V power
TM4	FM+BW12.5KHz+TX	The EUT is set with FM modulation and 12.5KHz bandwidth at minimum rated power for transmitter, powered by DC 12V power

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 samples to meet requirement;

Sample Number	Description
Sample 1	continuous transmit

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

Guangdong Asia Hongke Test Technology Limited 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:

- Note 1 – Test results inside test report;
- 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

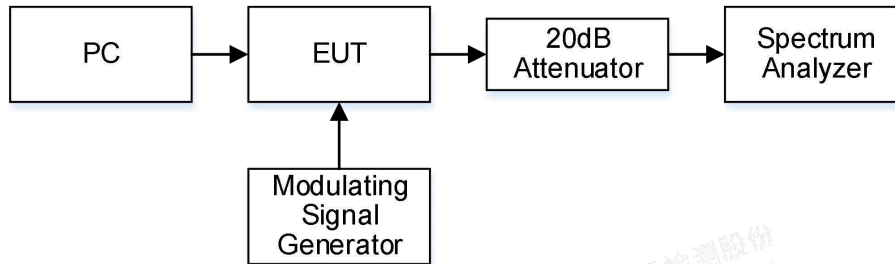
Measurements shall be made to establish the radio frequency power delivered by the transmitter the standard output termination. The power output shall be monitored and recorded and no adjustment shall be made to the transmitter after the test has begun, except as noted bellow:

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	24.6°C	Humidity	53.8%
Test Engineer	Aalen.Ye	Test Voltage	Normal Voltage

Modulation Type	Channel Separation	Operation Mode	Test Channel	Test Frequency (MHz)	Test Results (dBm)	Limit (dBm)
Digital 4FSK	12.5KHz	TM1	L	406.1125	37.380	37±1
			M 1	430.1125	36.738	37±1
			M 2	453.2125	37.009	37±1
			M 3	459.625	37.237	37±1
			M 4	465.625	37.191	37±1
			H	469.9875	37.015	37±1
	12.5KHz	TM2	L	406.1125	30.680	30±1
			M 1	430.1125	31.290	30±1
			M 2	453.2125	31.168	30±1
			M 3	459.625	30.646	30±1
			M 4	465.625	30.430	30±1
			H	469.9875	30.427	30±1
FM	12.5KHz	TM3	L	406.1125	36.378	37±1
			M 1	430.1125	36.117	37±1
			M 2	453.2125	36.122	37±1
			M 3	459.625	36.361	37±1
			M 4	465.625	36.312	37±1
			H	469.9875	36.07	37±1
	12.5KHz	TM4	L	406.1125	29.538	30±1
			M 1	430.1125	29.615	30±1
			M 2	453.2125	30.147	30±1
			M 3	459.625	29.614	30±1
			M 4	465.625	29.358	30±1
			H	469.9875	29.358	30±1



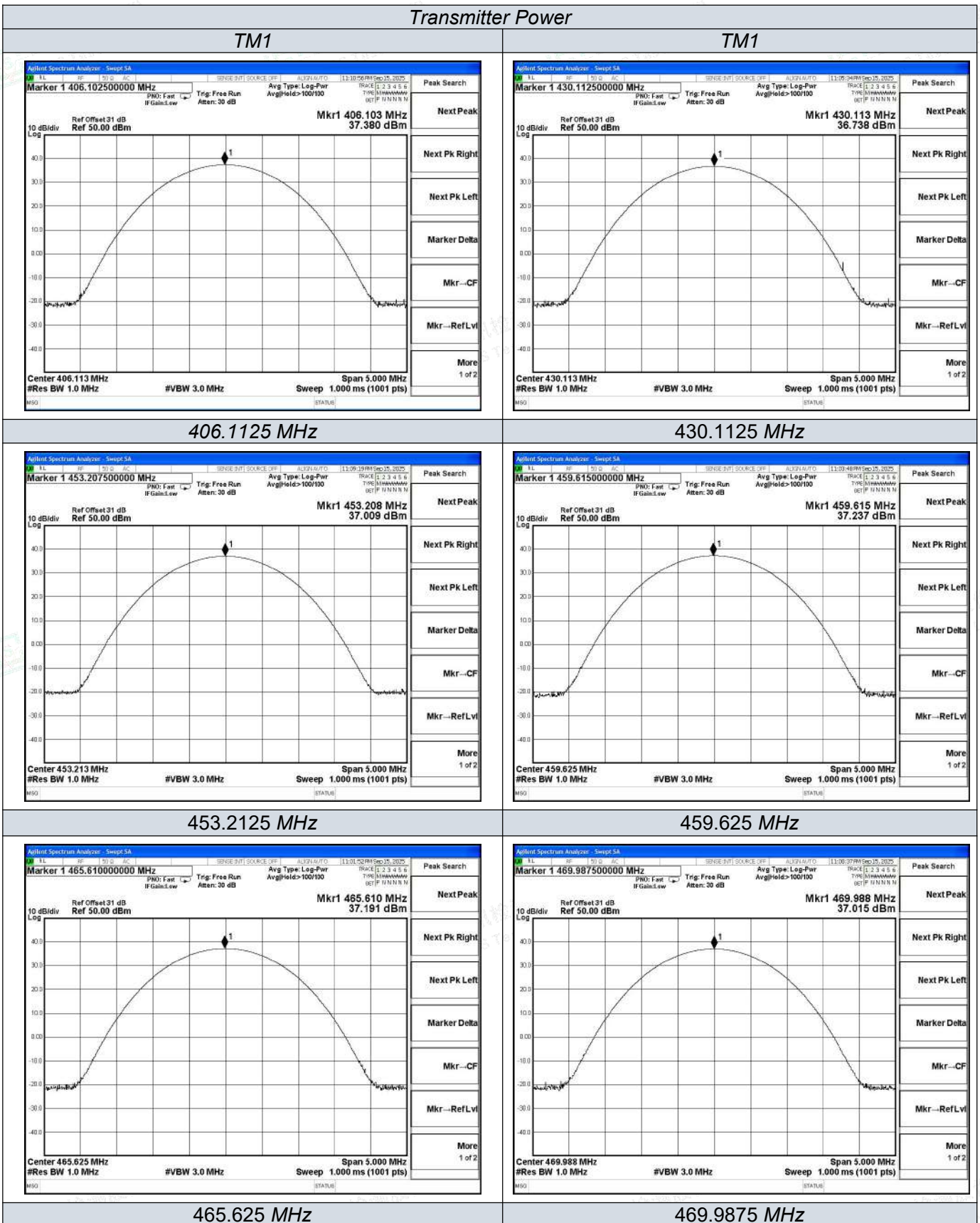
Limit	The limit is dependent upon the station's antenna HAAT and required service area.	
Test Results	PASS	

Note: The high rated power level is 5W(37dBm), and low rated power level is 1W(30dBm).

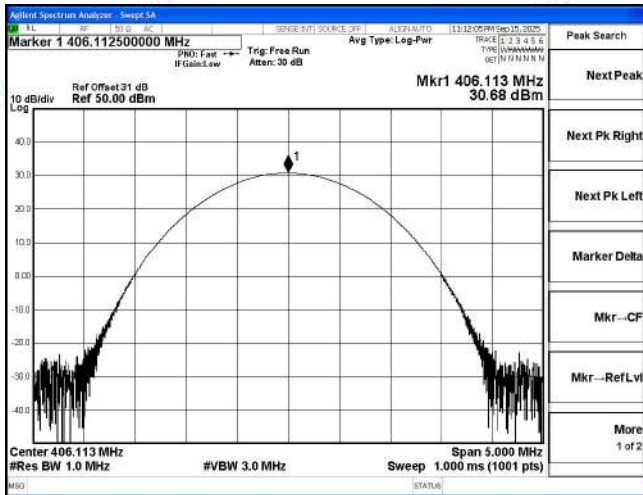
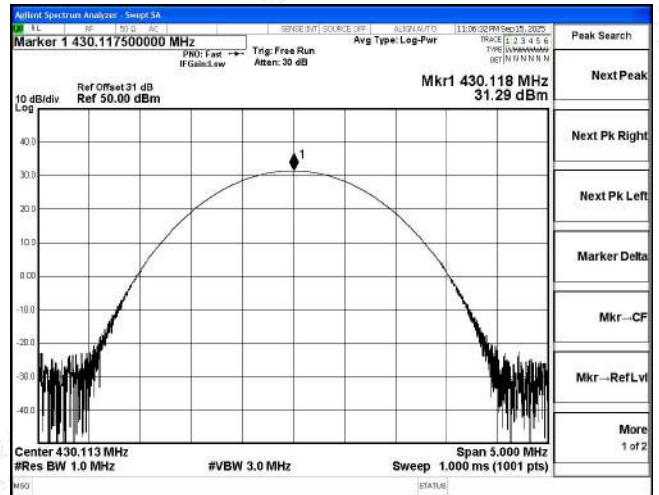
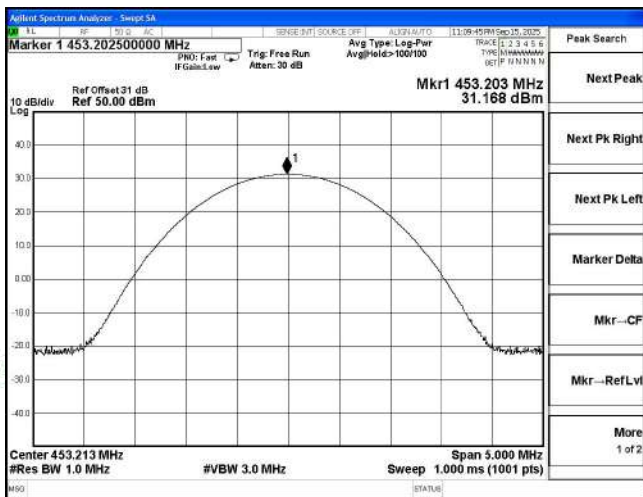
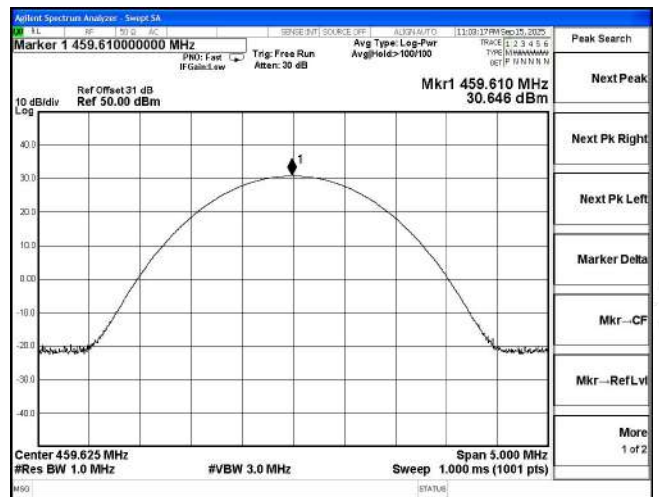
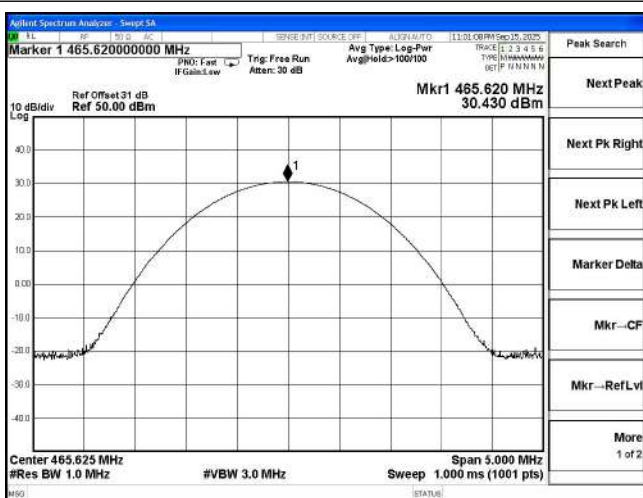
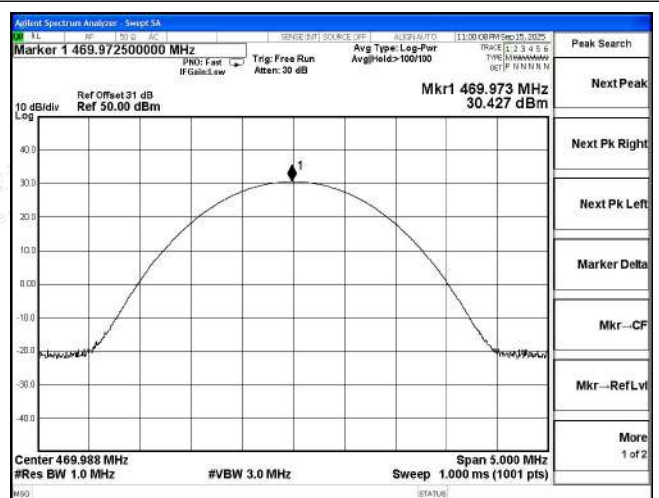
The output power shall not exceed by more than ± 1 dBm the manufacturer's rated output power for the particular transmitter specifically listed on the authorization

Remark:

1. Please refer to following plot.



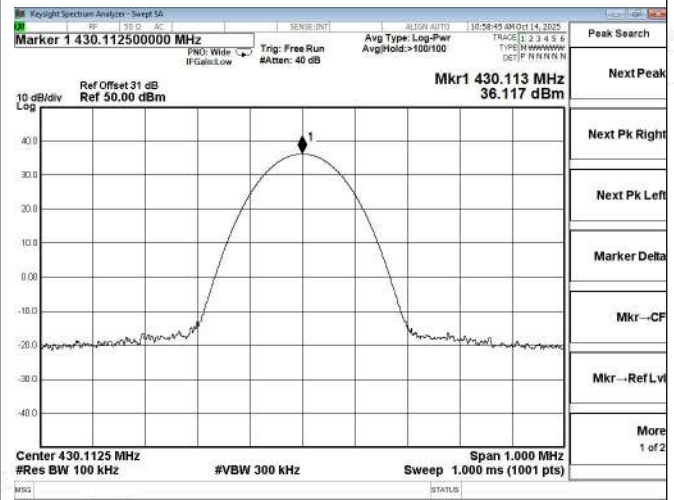
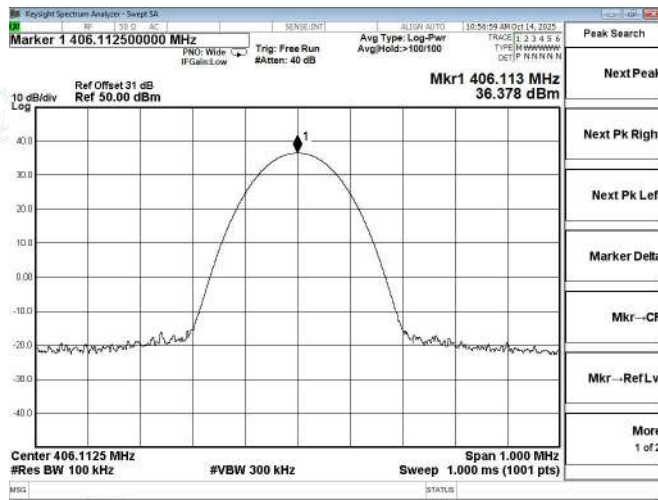
Transmitter Power

TM2

406.1125 MHz
TM2

430.1125 MHz

453.2125 MHz

459.625 MHz

465.625 MHz

469.9875 MHz

Transmitter Power

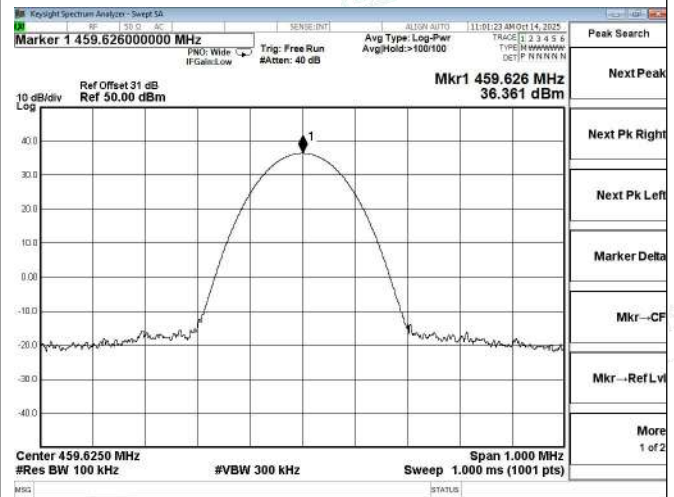
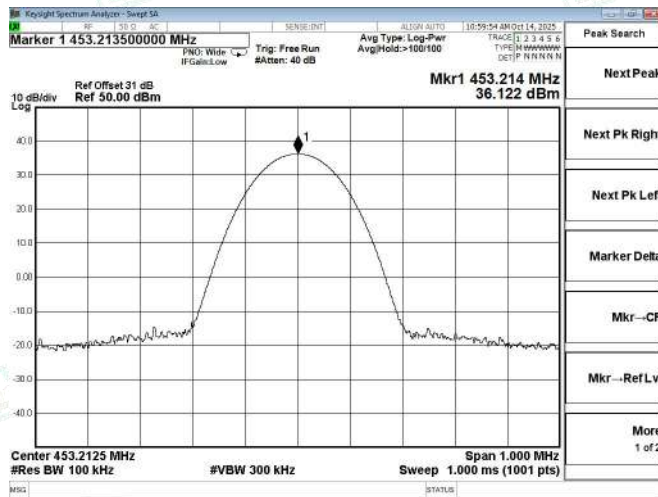
TM3

TM3



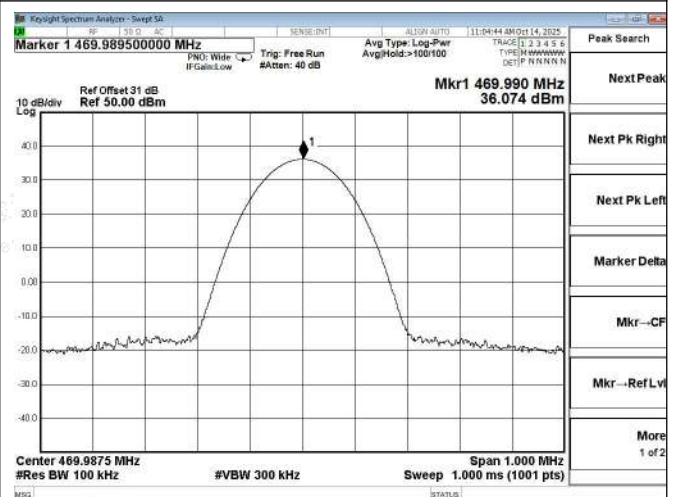
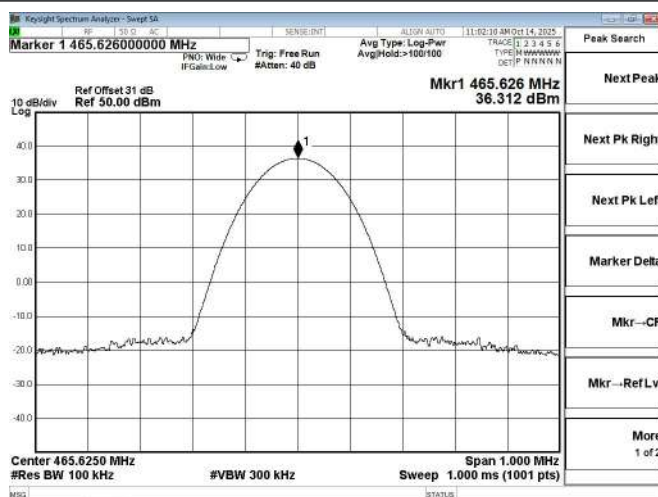
406.1125 MHz

430.1125 MHz



453.2125 MHz

459.625 MHz



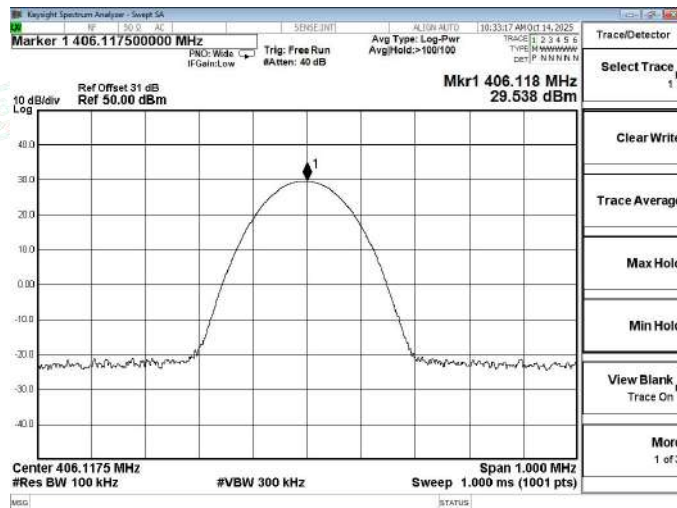
465.625 MHz

469.9875 MHz

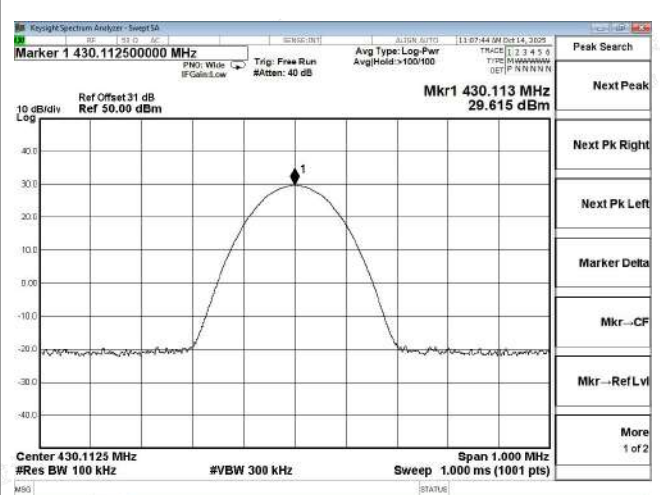
Transmitter Power

TM4

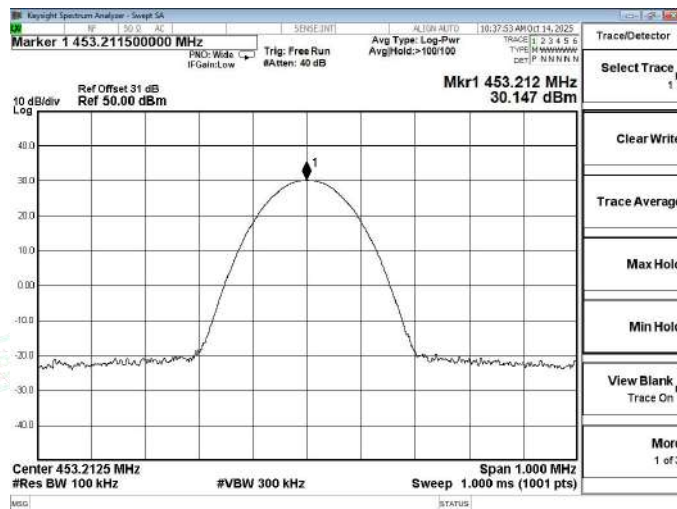
TM4



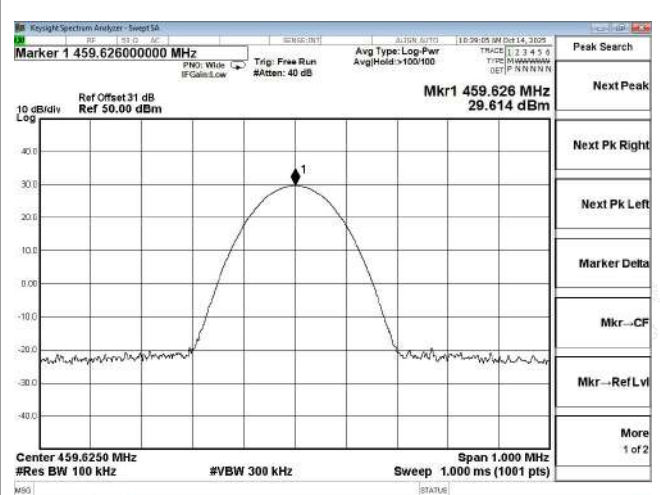
406.1125 MHz



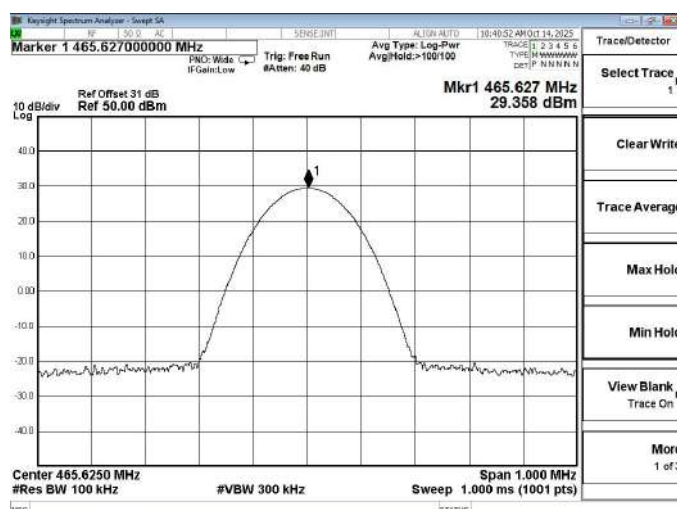
430.1125 MHz



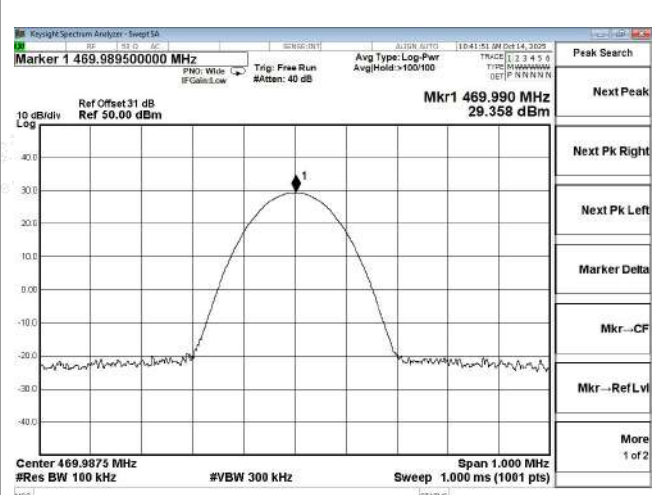
453.2125 MHz



459.625 MHz



465.625 MHz



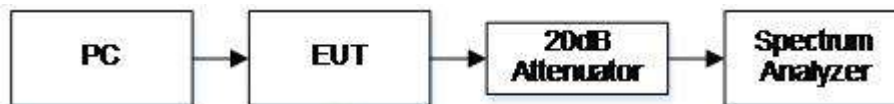
469.9875 MHz

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	24.6°C	Humidity	53.8%
Test Engineer	Aalen.Ye	Test Voltage	Normal Voltage

Occupied Bandwidth

Modulation Type	Channel Separation	Operation Mode	Test Channel	Test Frequency (MHz)	Occupied Bandwidth (KHz)	
					99%	26dB
4FSK	12.5 KHz	TM1	L	406.1125	7.841	9.896
			M 1	430.1125	7.721	10.31
			M 2	453.2125	8.040	9.867
			M 3	459.625	8.017	9.954
			M 4	465.625	8.025	10.420
			H	469.9875	7.898	10.570
4FSK	12.5 KHz	TM2	L	406.1125	7.837	10.030
			M 1	430.1125	7.978	9.808
			M 2	453.2125	7.706	9.955
			M 3	459.625	7.821	9.955
			M 4	465.625	7.946	9.968
			H	469.9875	7.905	10.11
FM	12.5 KHz	TM3	L	406.1125	6.752	7.466
			M 1	430.1125	6.870	7.483
			M 2	453.2125	6.795	7.450
			M 3	459.625	6.867	7.486
			M 4	465.625	6.865	7.466
			H	469.9875	6.857	7.507
FM	12.5 KHz	TM4	L	406.1125	6.692	7.437
			M 1	430.1125	6.693	7.424
			M 2	453.2125	6.816	7.481
			M 3	459.625	6.828	7.467
			M 4	465.625	6.862	7.470
			H	469.9875	6.489	7.323
Limit			11.25KHz for 12.5KHz Channel Separation			
Test Results			PASS			

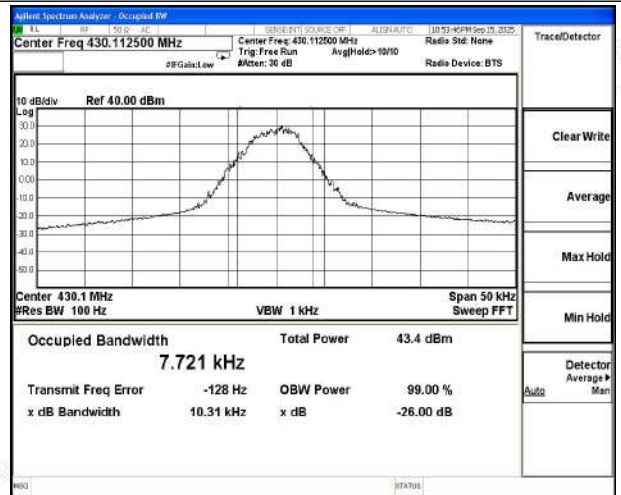
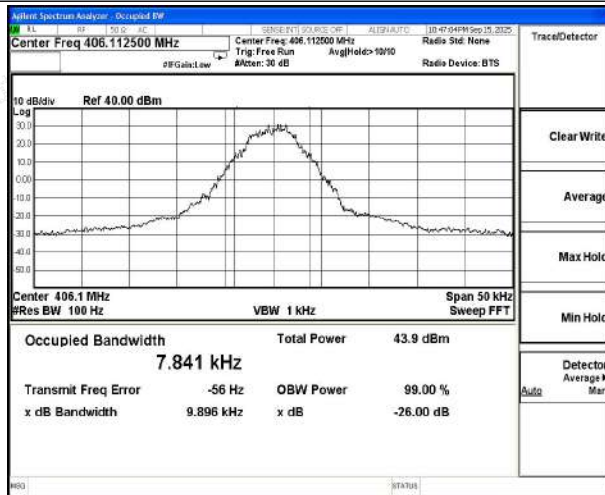
Remark:

2. Please refer to following plots.

99% and 26dB Bandwidth

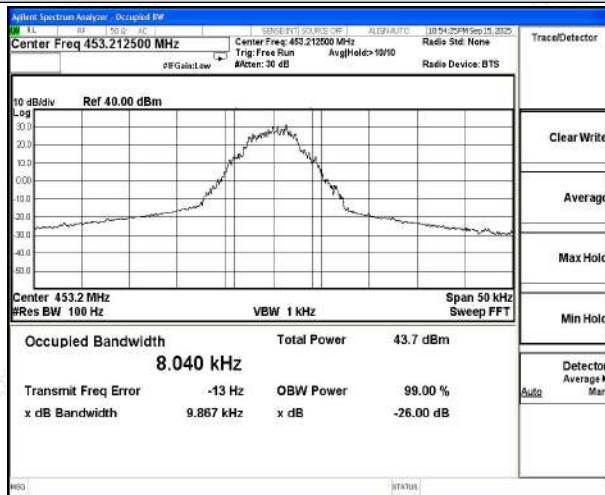
TM1

TM1



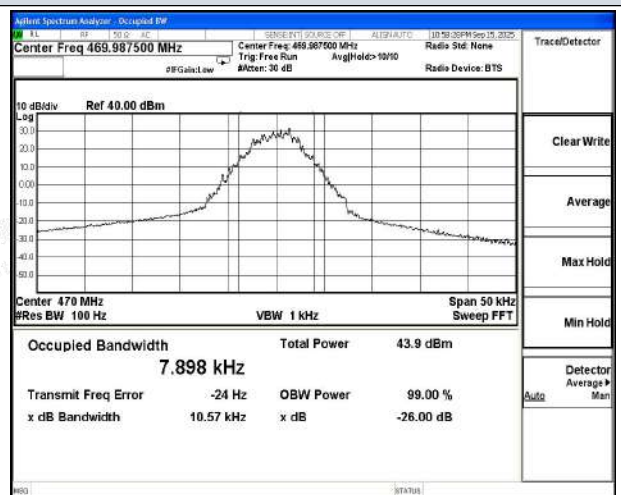
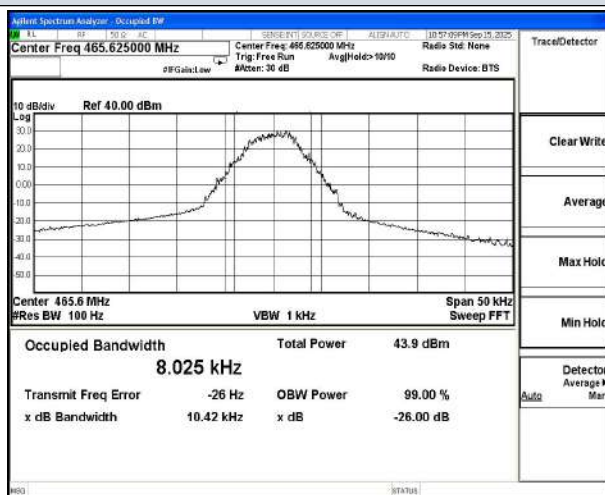
406.1125 MHz

430.1125 MHz



453.2125 MHz

459.625 MHz

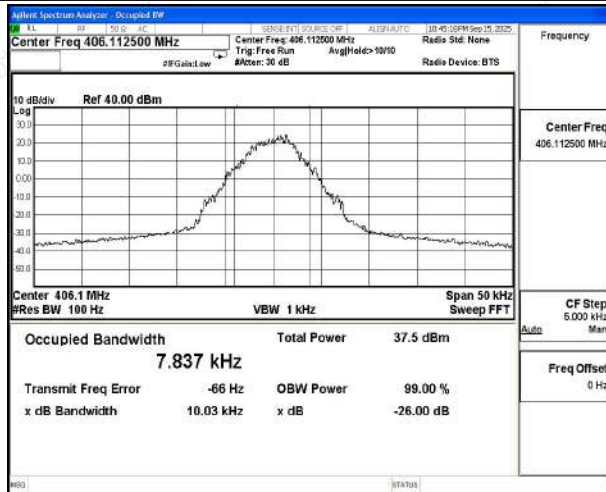


465.625 MHz

469.9875 MHz

99% and 26dB Bandwidth

TM2

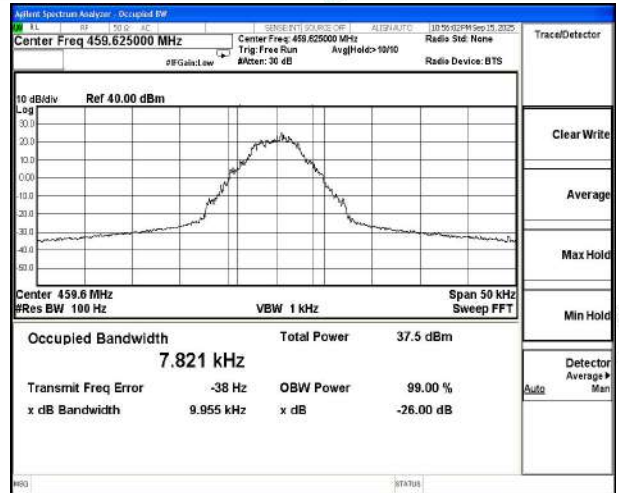
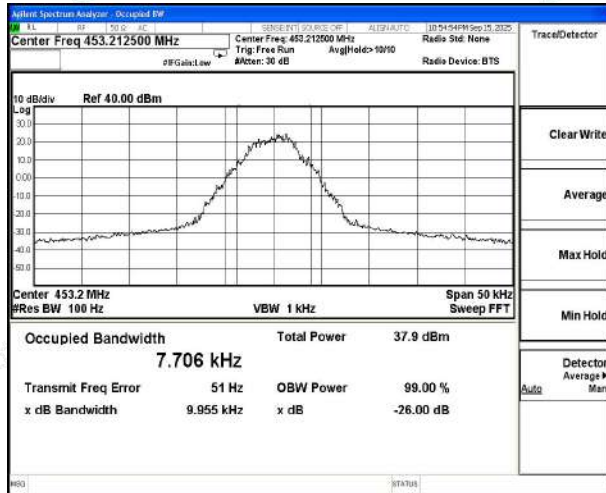


TM2



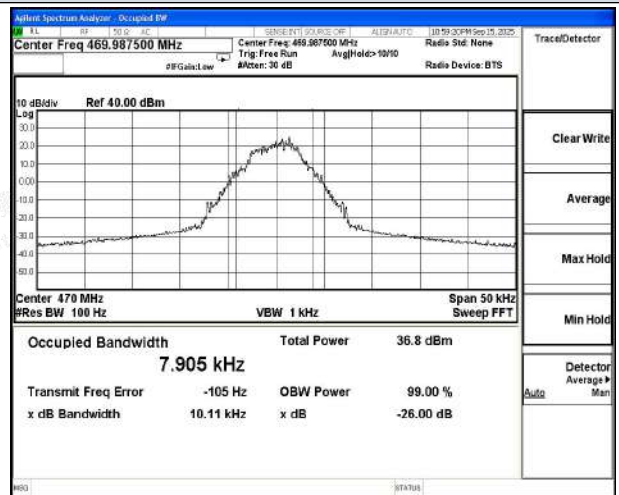
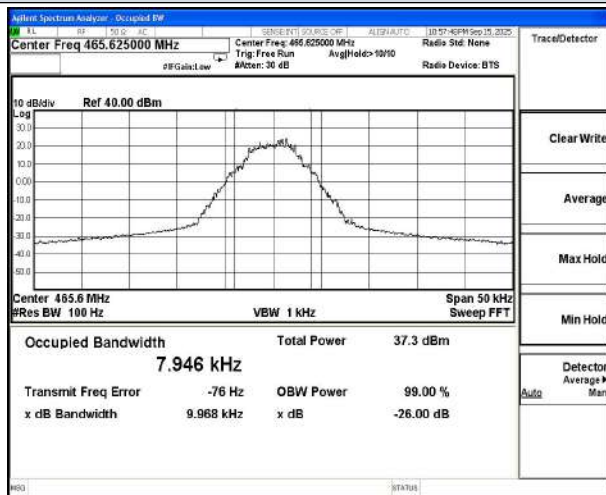
406.1125 MHz

430.1125 MHz



453.2125 MHz

459.625 MHz



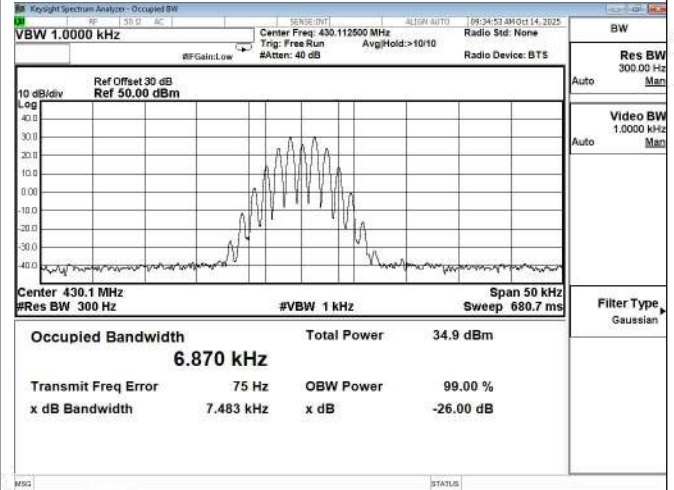
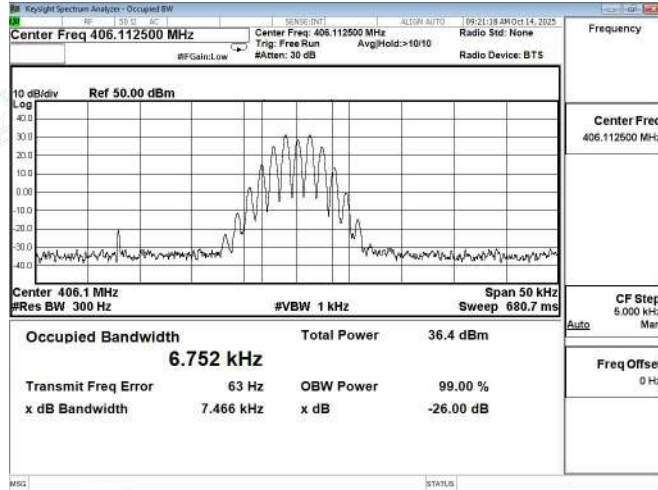
465.625 MHz

469.9875 MHz

99% and 26dB Bandwidth

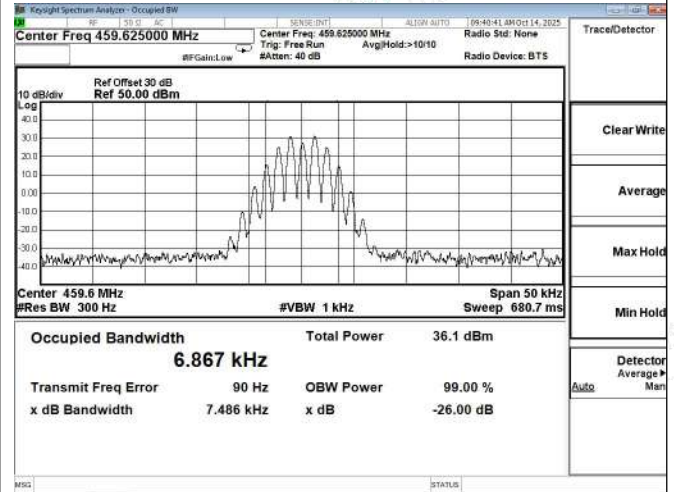
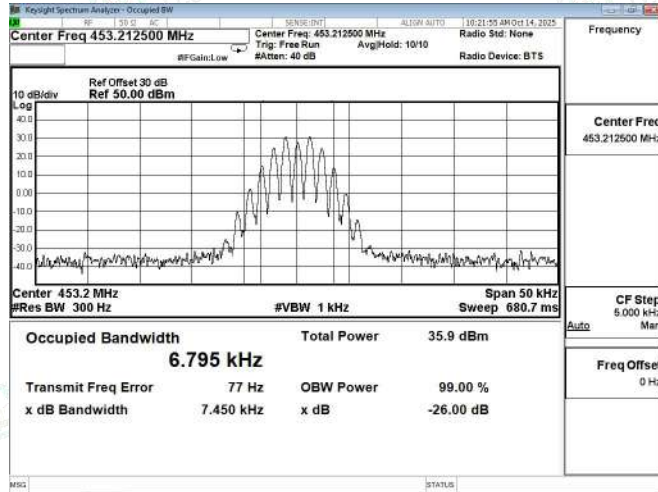
TM3

TM3



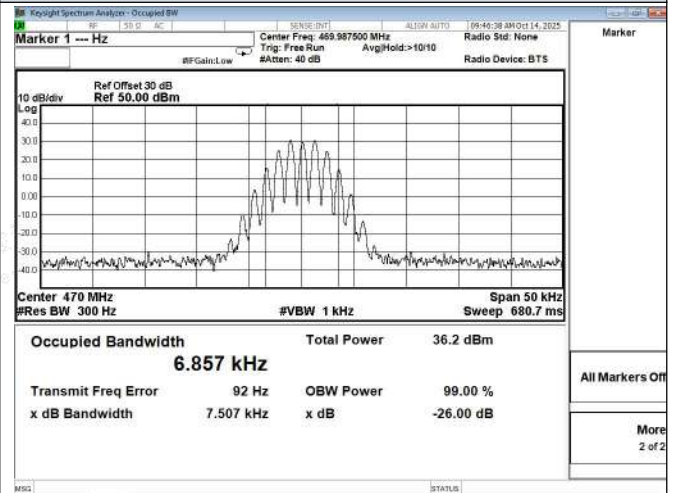
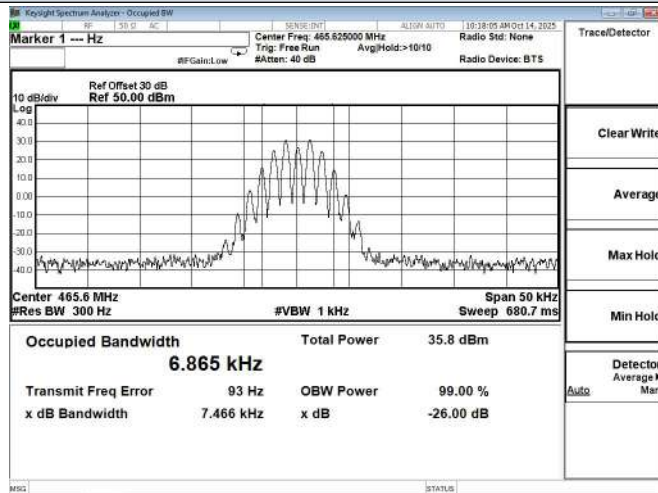
406.1125 MHz

430.1125 MHz



453.2125 MHz

459.625 MHz



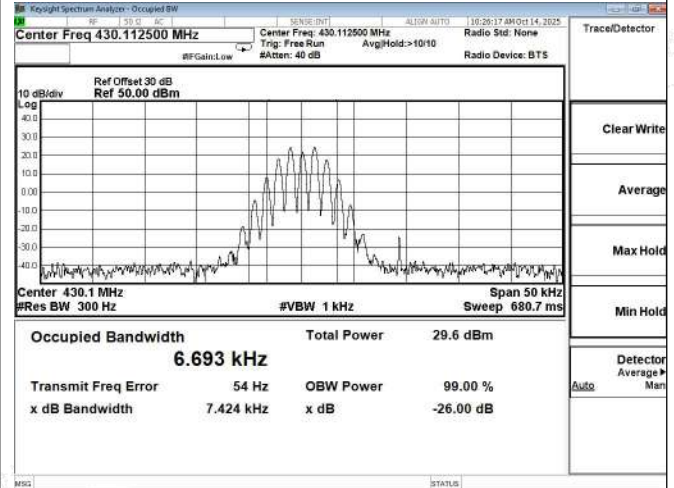
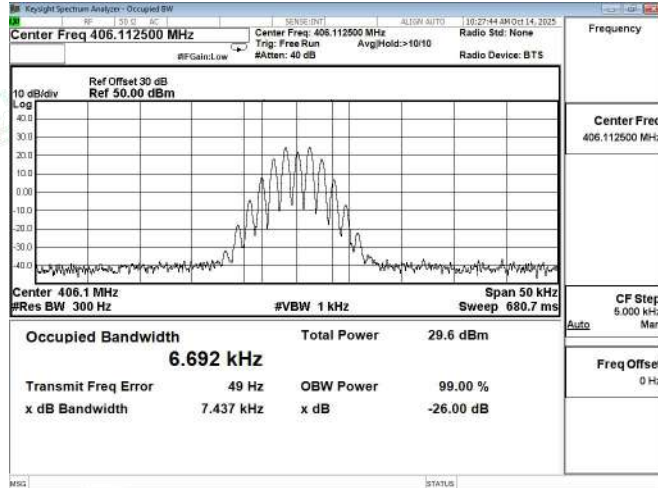
465.625 MHz

469.9875 MHz

99% and 26dB Bandwidth

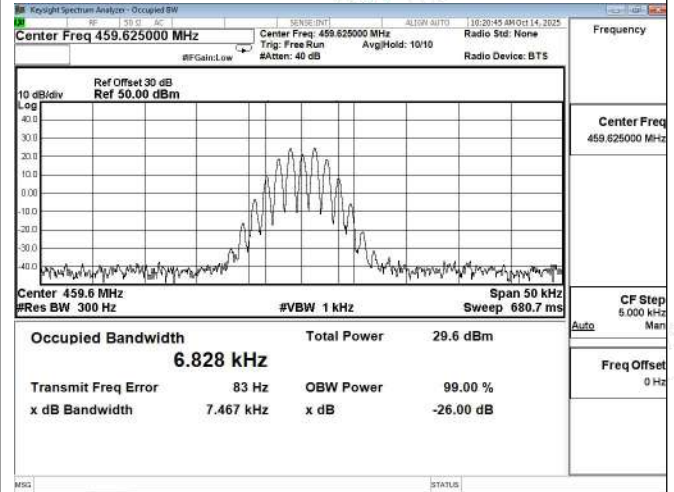
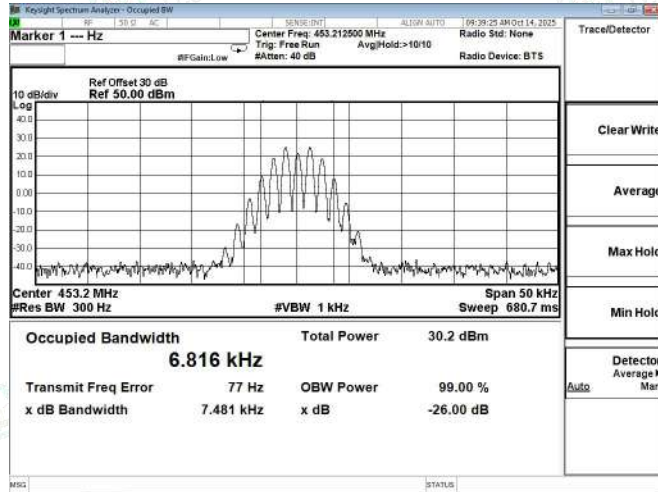
TM4

TM4



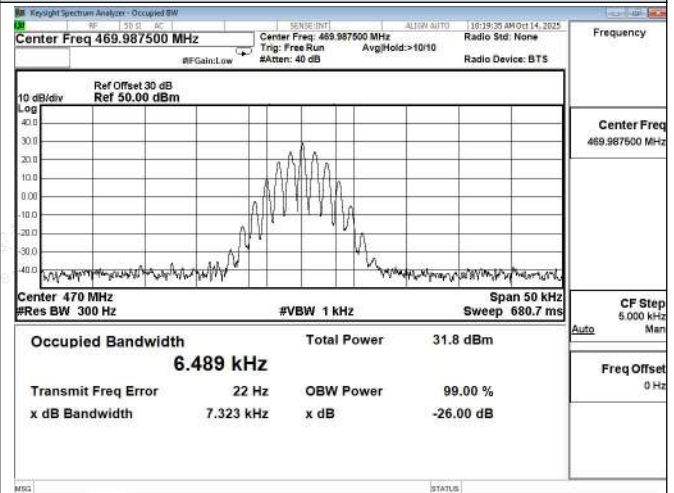
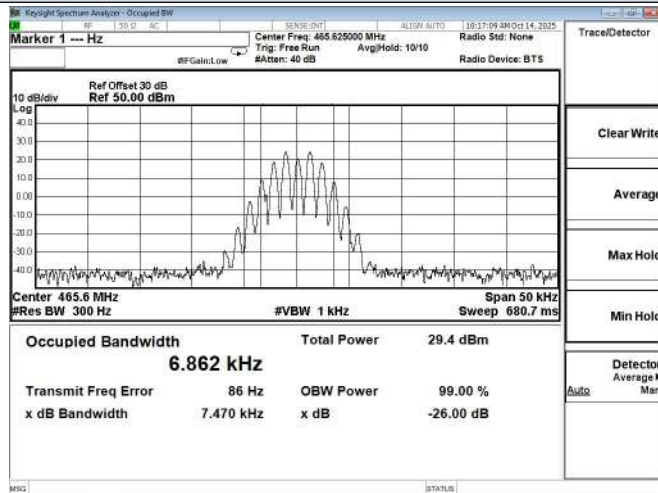
406.1125 MHz

430.1125 MHz



453.2125 MHz

459.625 MHz



465.625 MHz

469.9875 MHz

Temperature	24.6°C	Humidity	53.8%
Test Engineer	Aalen.Ye	Test Voltage	Normal Voltage

Emission Mask

Modulation Type	Channel Separation	Operation Mode	Test Channel	Test Frequency (MHz)	Applicable Mask	RBW (Hz)
4FSK	12.5 KHz	TM1	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	TM2	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
FM	12.5 KHz	TM3	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	TM4	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
Test Results			PASS			

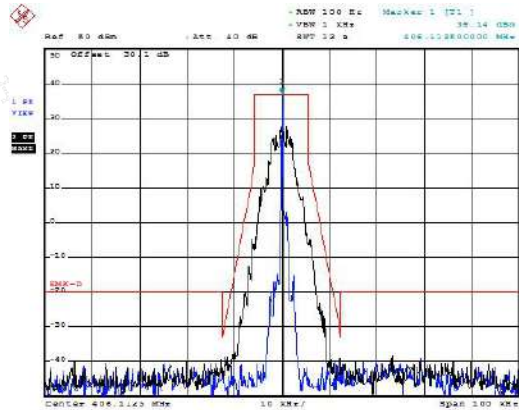
Remark:

2. Please refer to following plots.

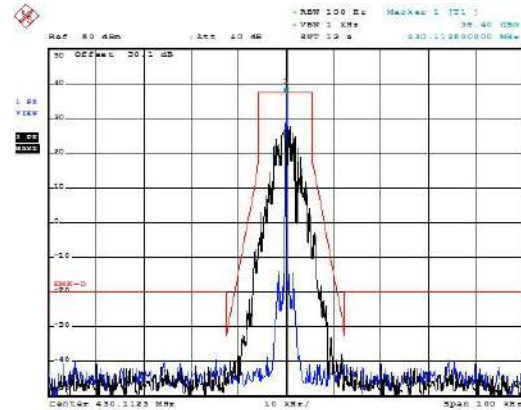
Emission Mask

TM1

TM1



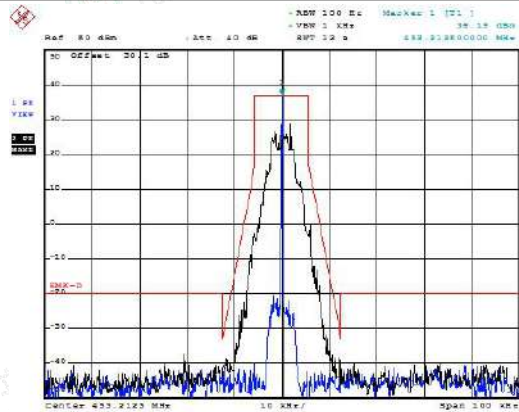
Date: 20.SEP.2025 17:41:11



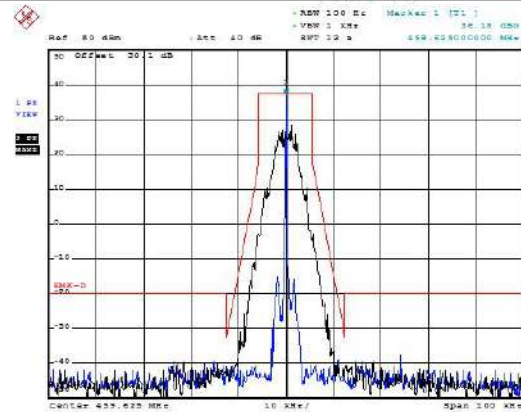
Date: 20.SEP.2025 13:50:45

406.1125 MHz

430.1125 MHz



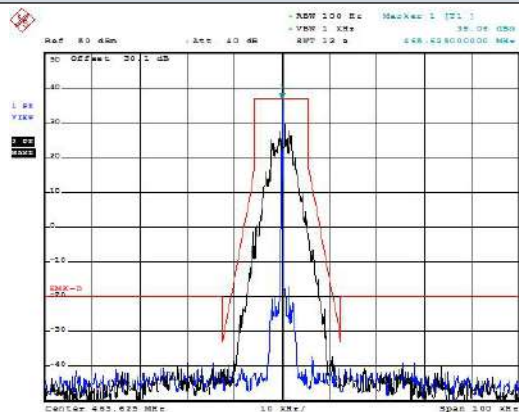
Date: 20.SEP.2025 17:57:08



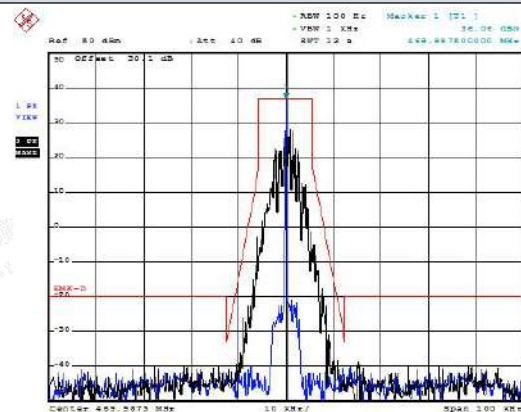
Date: 20.SEP.2025 13:58:00

453.2125 MHz

459.625 MHz



Date: 20.SEP.2025 14:06:11



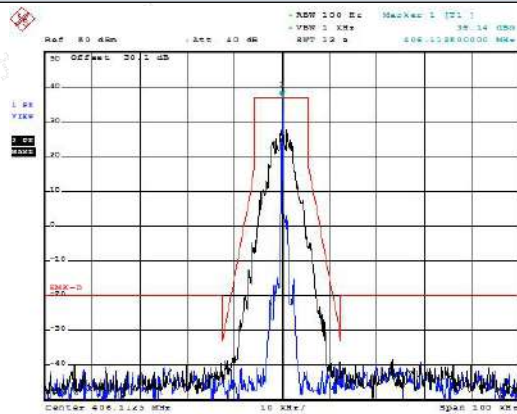
Date: 20.SEP.2025 18:37:06

465.625 MHz

469.9875 MHz

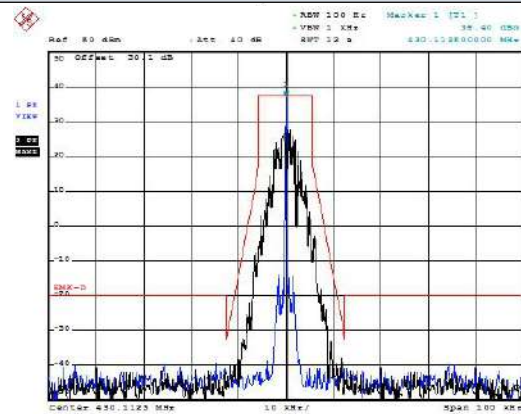
Emission Mask

TM2



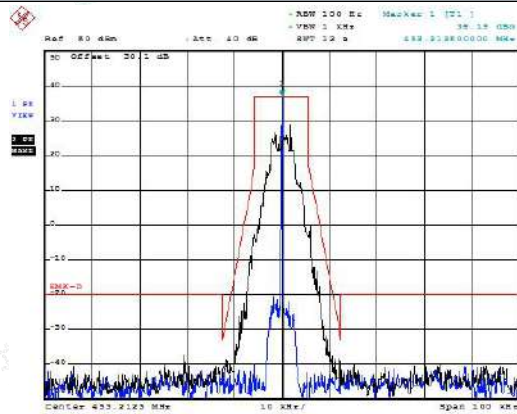
Date: 20.SEP.2025 17:41:11

TM2



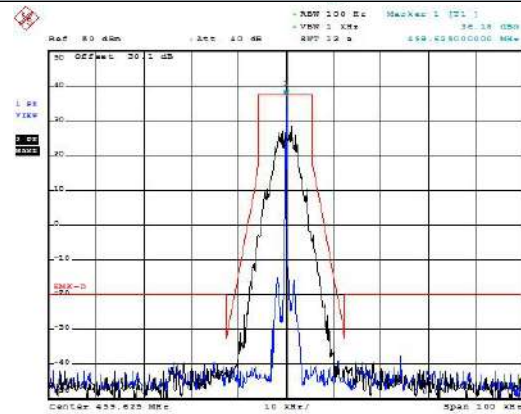
Date: 20.SEP.2025 13:50:45

406.1125 MHz



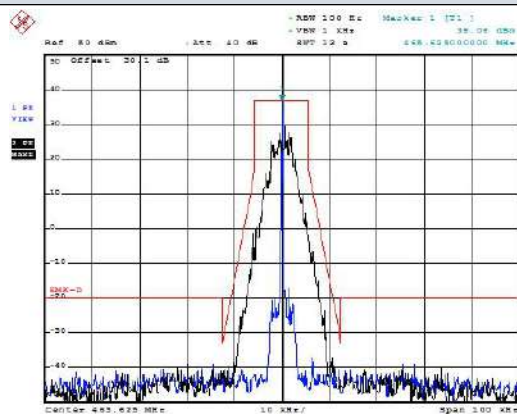
Date: 20.SEP.2025 17:57:08

430.1125 MHz



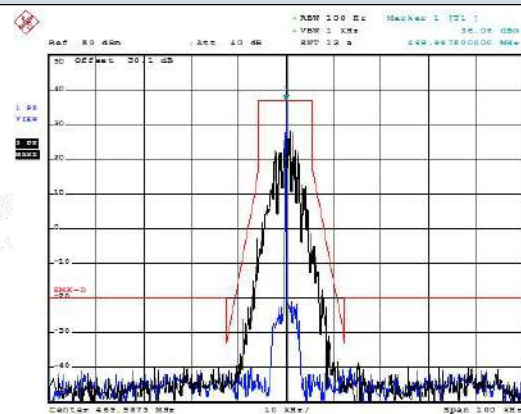
Date: 20.SEP.2025 13:58:00

453.2125 MHz



Date: 20.SEP.2025 14:06:11

459.625 MHz

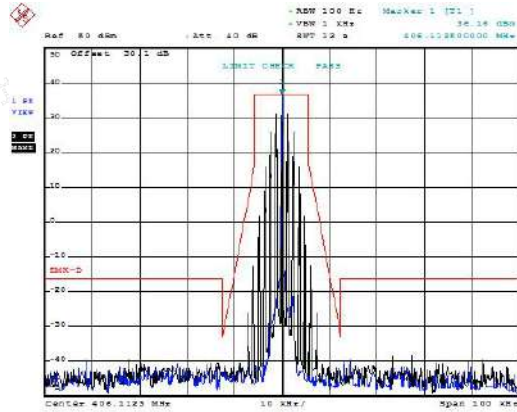


Date: 20.SEP.2025 18:37:06

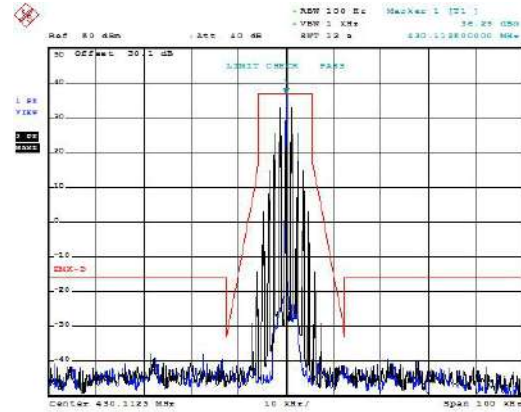
465.625 MHz

469.9875 MHz

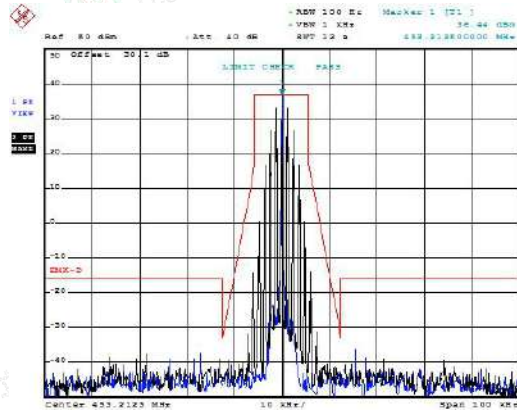
Emission Mask

TM3


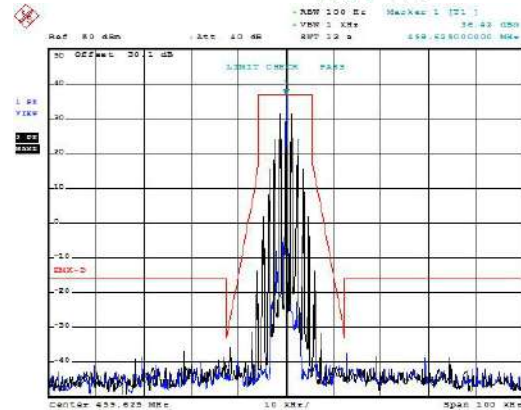
Date: 19.SEP.2025 09:32:52

TM3


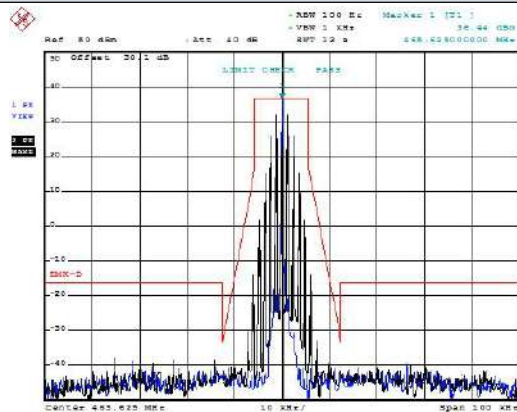
Date: 19.SEP.2025 10:23:53

406.1125 MHz


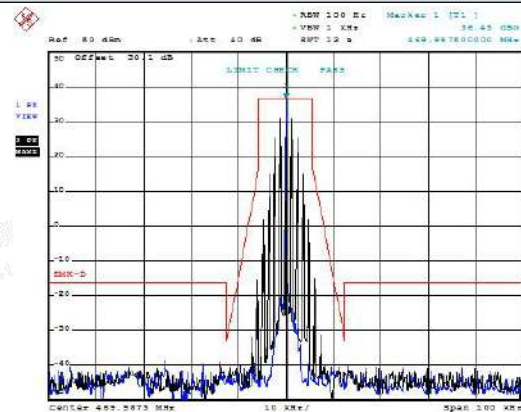
Date: 19.SEP.2025 09:36:56

430.1125 MHz


Date: 19.SEP.2025 08:53:25

453.2125 MHz


Date: 19.SEP.2025 09:04:11

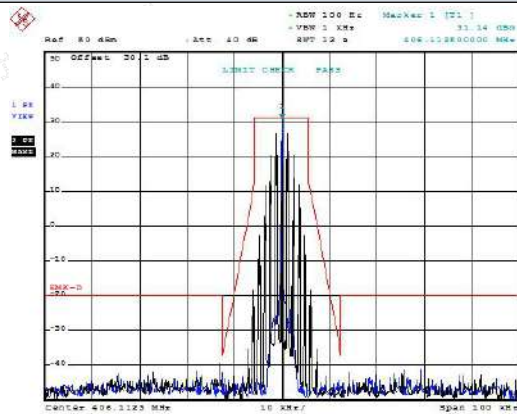
459.625 MHz


Date: 19.SEP.2025 10:47:45

465.625 MHz
469.9875 MHz

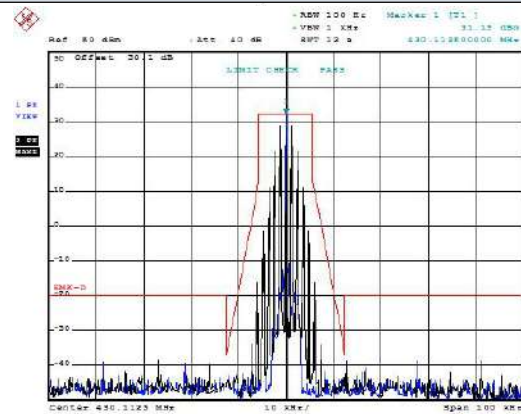
Emission Mask

TM4



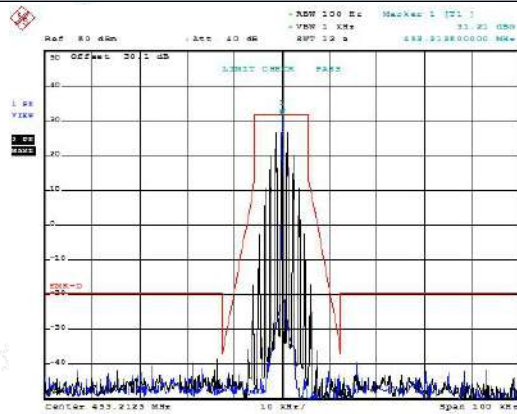
Date: 19.SEP.2025 09:34:48

TM4



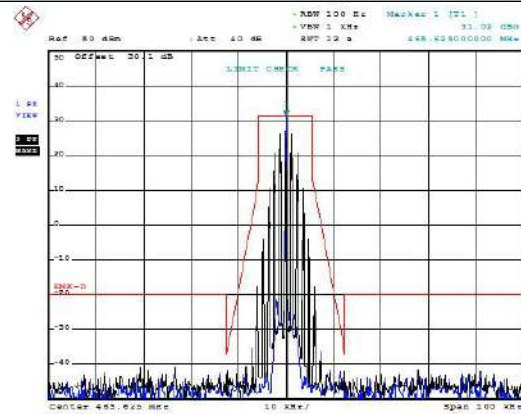
Date: 19.SEP.2025 08:52:28

406.1125 MHz



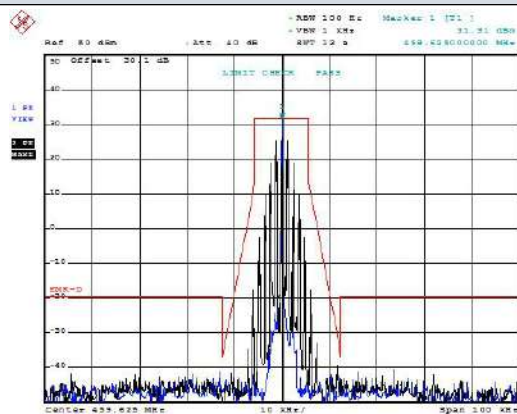
Date: 19.SEP.2025 09:42:24

430.1125 MHz



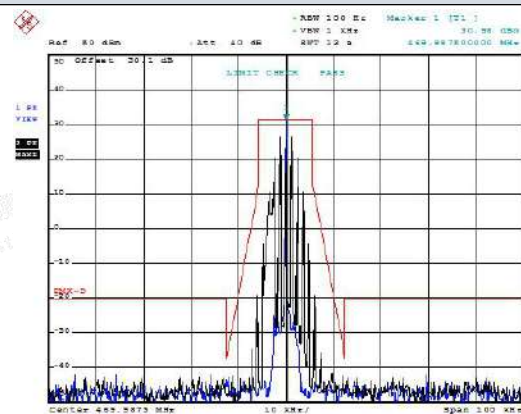
Date: 19.SEP.2025 09:19:33

453.2125 MHz



Date: 19.SEP.2025 08:57:52

459.625 MHz



Date: 19.SEP.2025 10:53:00

465.625 MHz

469.9875 MHz

5.3. Transmitter Radiated Spurious Emission

5.3.1 Test Applicable

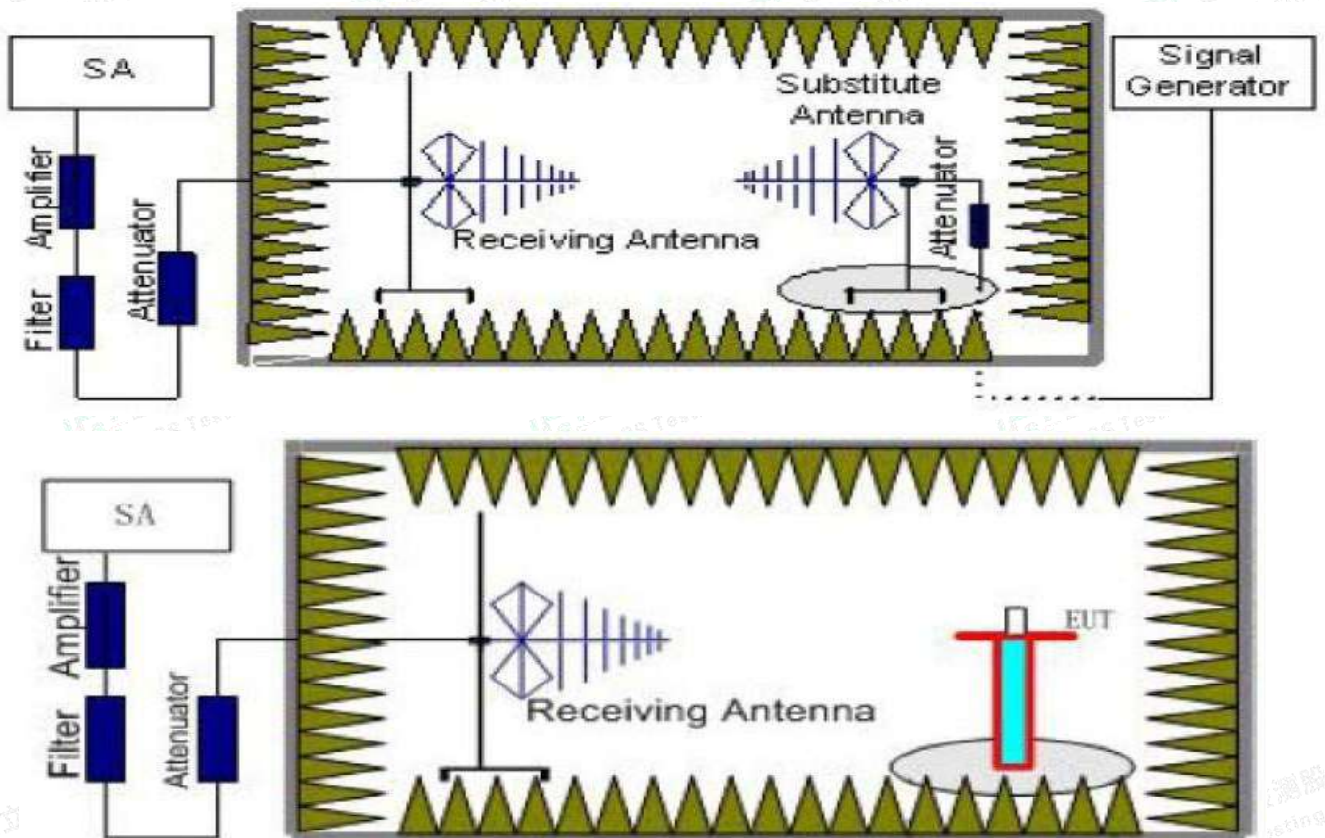
According to the ANSI C63.26:2015 test method, and according to Section 90.210, the power of each unwanted emission shall be less than Transmitted Power as specified below for transmitters designed to operate with 12.5 KHz channel bandwidth:

- 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.

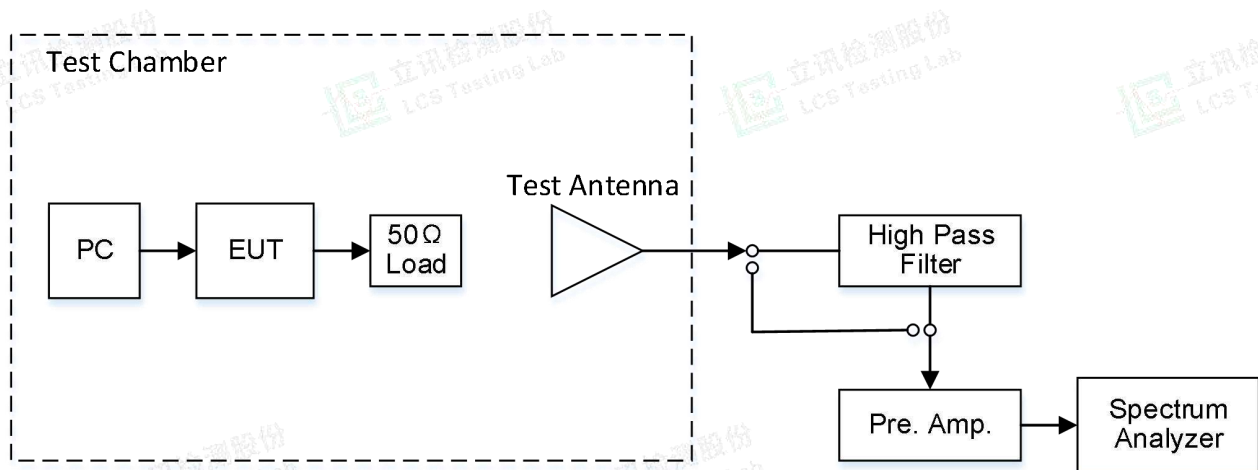
For transmitters designed to transmit with 25 KHz channel separation and equipped with an audio low-pass filter, the power of any emission must be attenuated below the unmodulated carrier power (P) as following:

- 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



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:

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

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, $ERP = EIRP - 2.15 \text{ dBi}$.

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

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

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	24.6°C	Humidity	53.8%
Test Engineer	Aalen.Ye	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: 4FSK							
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
820.31	-42.51	5.26	9.88	2.15	-35.74	-20.00	H
1230.40	-53.00	6.11	11.36	2.15	-45.60	-20.00	H
1640.55	-48.49	7.01	11.42	2.15	-41.93	-20.00	H
820.33	-48.88	5.26	9.88	2.15	-42.11	-20.00	V
1230.39	-51.64	6.11	11.36	2.15	-44.24	-20.00	V
1640.51	-57.86	7.01	11.42	2.15	-51.30	-20.00	V

Modulation Type: 4FSK							
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
906.27	-42.47	5.26	9.88	2.15	-36.33	-20.00	H
1359.41	-54.20	6.11	11.36	2.15	-46.70	-20.00	H
1812.53	-48.37	7.01	11.42	2.15	-41.83	-20.00	H
906.28	-50.52	5.26	9.88	2.15	-44.38	-20.00	V
1359.45	-52.51	6.11	11.36	2.15	-45.01	-20.00	V
1812.58	-58.31	7.01	11.42	2.15	-51.77	-20.00	V

Modulation Type: 4FSK							
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
939.35	-42.51	5.39	9.38	2.15	-36.27	-20.00	H
1408.93	-53.72	5.67	11.02	2.15	-46.29	-20.00	H
1878.52	-46.50	6.59	10.98	2.15	-40.25	-20.00	H
939.32	-49.68	5.39	9.38	2.15	-43.50	-20.00	V
1408.96	-51.89	5.67	11.02	2.15	-44.57	-20.00	V
1878.52	-56.57	6.59	10.98	2.15	-50.11	-20.00	V

Modulation Type: 4FSK							
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
939.28	-42.52	5.39	9.38	2.15	-36.28	-20.00	H
1408.88	-53.70	5.67	11.02	2.15	-46.27	-20.00	H
1878.59	-46.52	6.59	10.98	2.15	-40.27	-20.00	H
939.33	-49.68	5.39	9.38	2.15	-43.50	-20.00	V
1408.89	-51.91	5.67	11.02	2.15	-44.59	-20.00	V
1878.57	-56.61	6.59	10.98	2.15	-50.15	-20.00	V

Modulation Type: 4FSK							
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
939.34	-42.48	5.28	9.37	2.15	-36.24	-20.00	H
1408.89	-53.67	5.62	10.9	2.15	-46.24	-20.00	H
1878.55	-46.51	6.73	10.83	2.15	-40.26	-20.00	H
939.30	-49.61	5.28	9.31	2.15	-43.43	-20.00	V
1408.98	-51.90	5.84	11.01	2.15	-44.58	-20.00	V
1878.58	-56.60	6.75	11.06	2.15	-50.14	-20.00	V

Modulation Type: 4FSK							
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
939.41	-42.43	5.28	9.37	2.15	-36.19	-20.00	H
1409.00	-53.50	5.62	10.9	2.15	-46.07	-20.00	H
1878.58	-46.39	6.73	10.83	2.15	-40.14	-20.00	H
939.37	-49.67	5.28	9.31	2.15	-43.49	-20.00	V
1409.03	-51.77	5.84	11.01	2.15	-44.45	-20.00	V
1878.68	-56.44	6.75	11.06	2.15	-49.98	-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

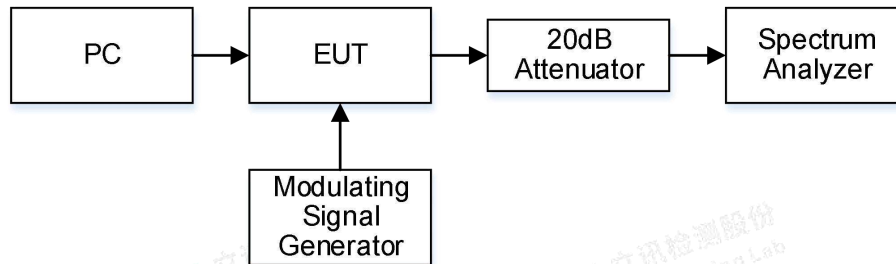
The same as Section 5.3

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

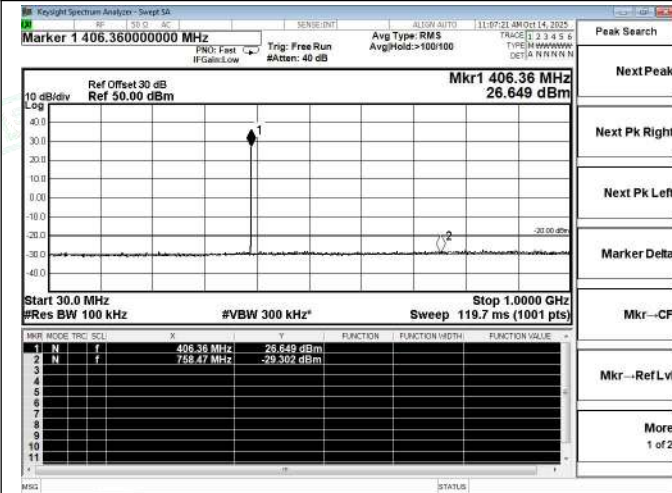
Temperature	22.6°C	Humidity	53.7%
Test Engineer	Aalen.Ye	Test Voltage	Normal Voltage

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		

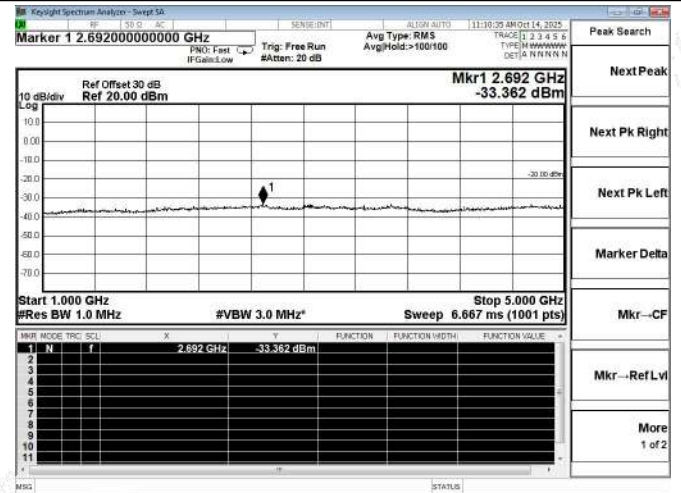
Remark:

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

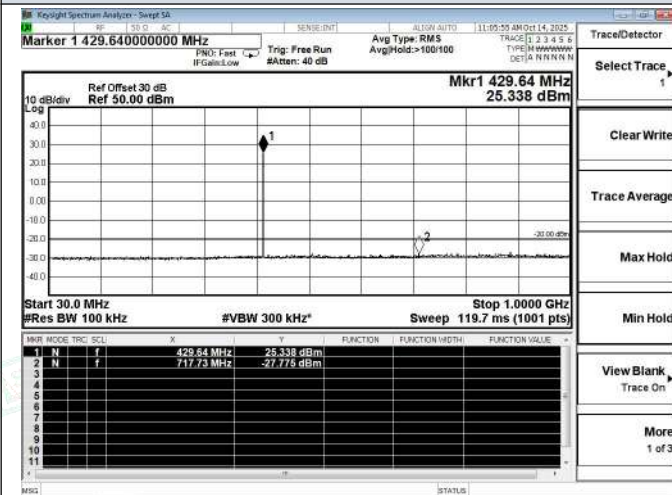


30 MHz – 1 GHz

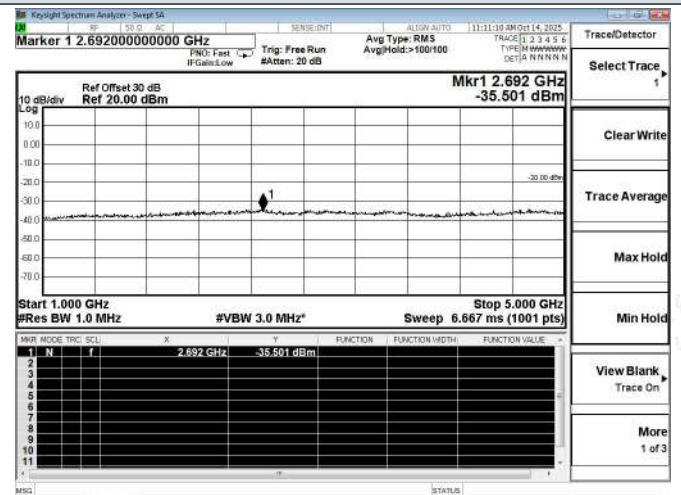


1 GHz – 6 GHz

TM1 /430.1125 MHz

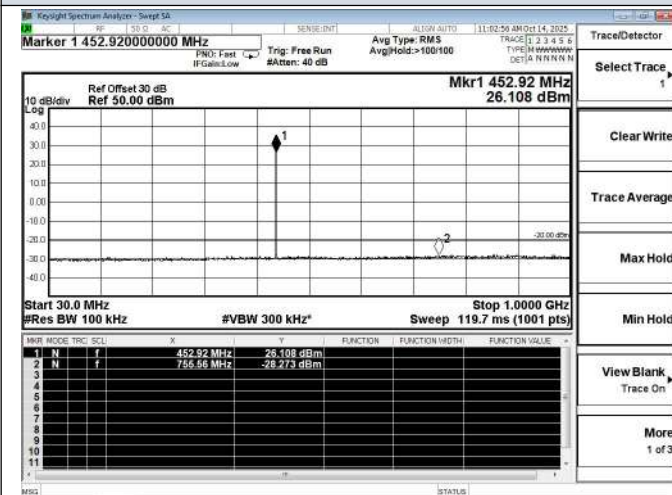


30 MHz – 1 GHz

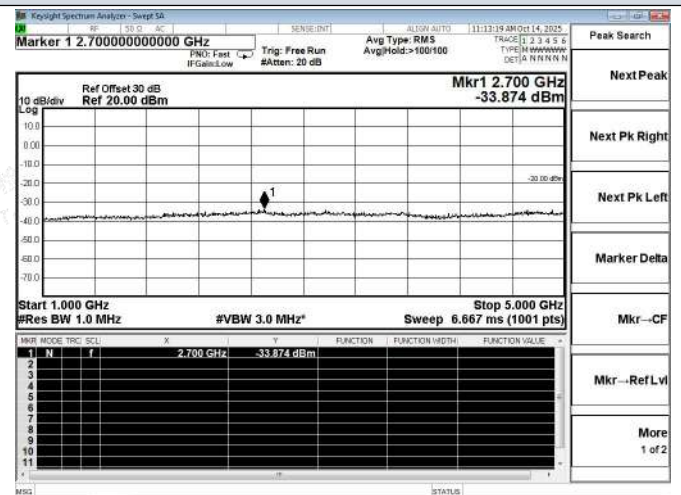


1 GHz – 6 GHz

TM1 /453.2125 MHz

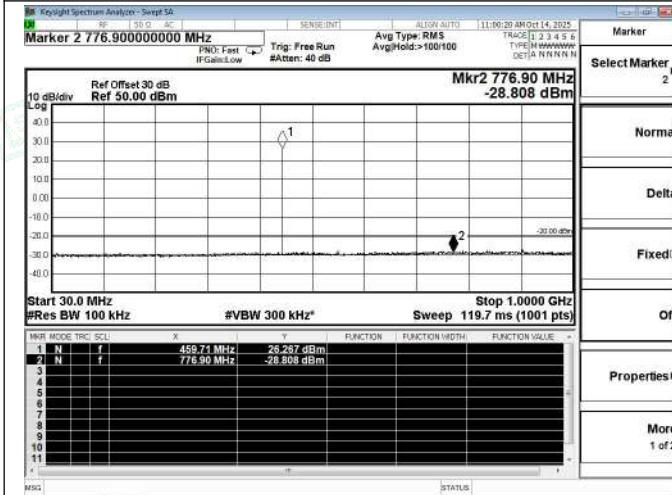


30 MHz – 1 GHz

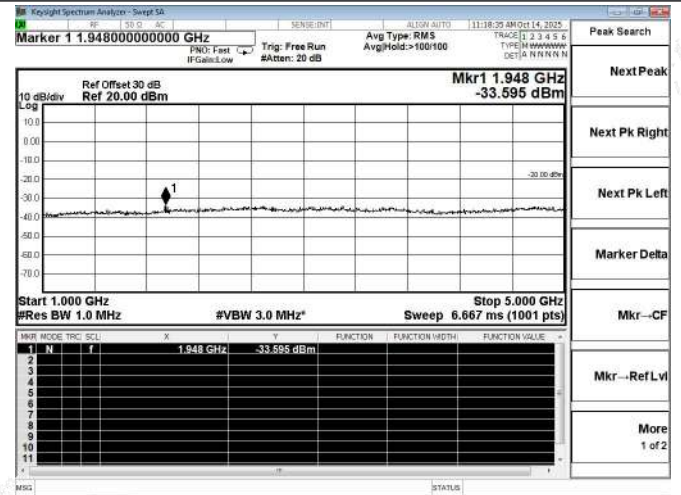


1 GHz – 6 GHz

TM1 /459.625 MHz

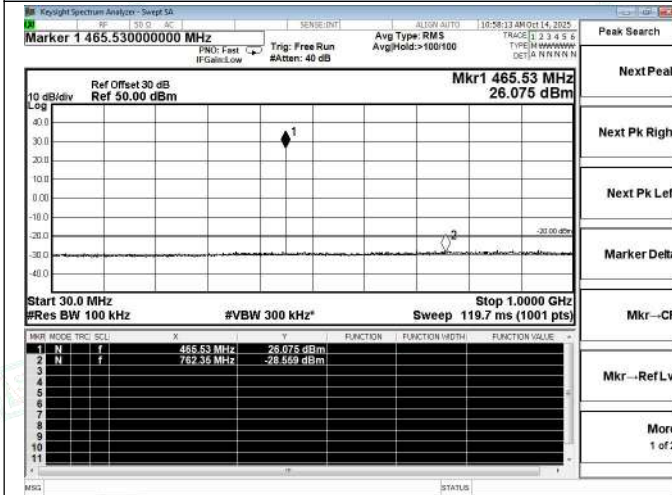


30 MHz – 1 GHz

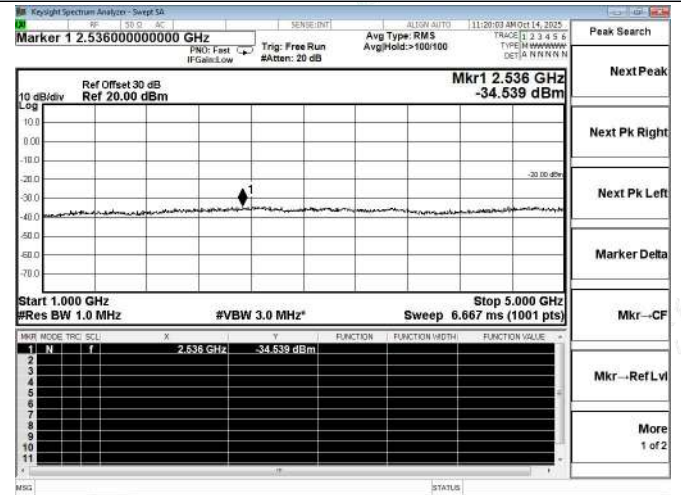


1 GHz – 6 GHz

TM1 /465.625 MHz

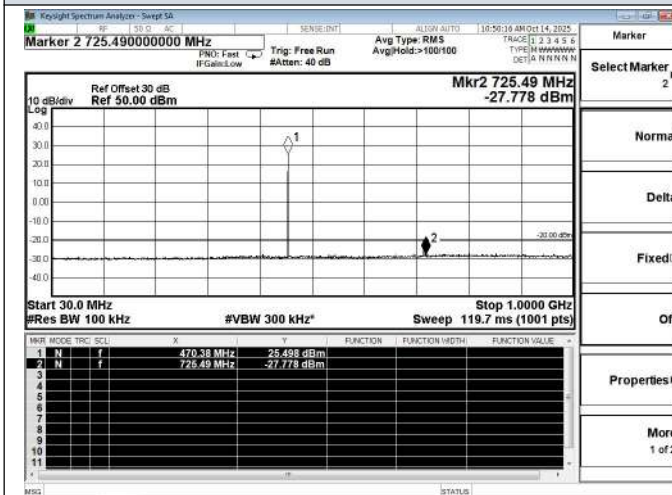


30 MHz – 1 GHz

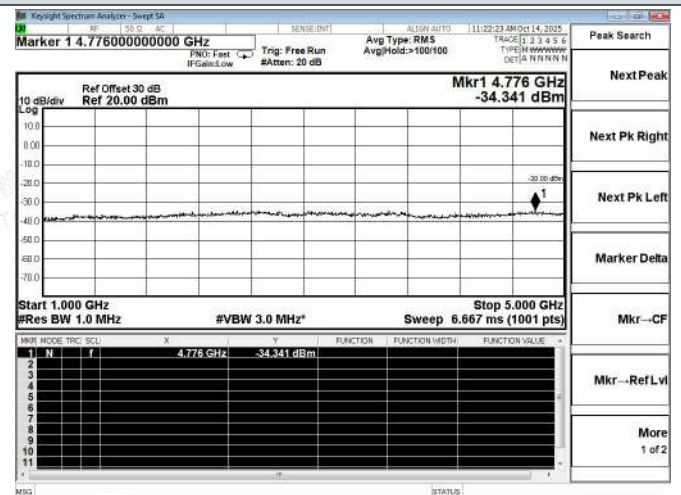


1 GHz – 6 GHz

TM1 /469.9875 MHz



30 MHz – 1 GHz



1 GHz – 6 GHz

5.5. Frequency Stability Test

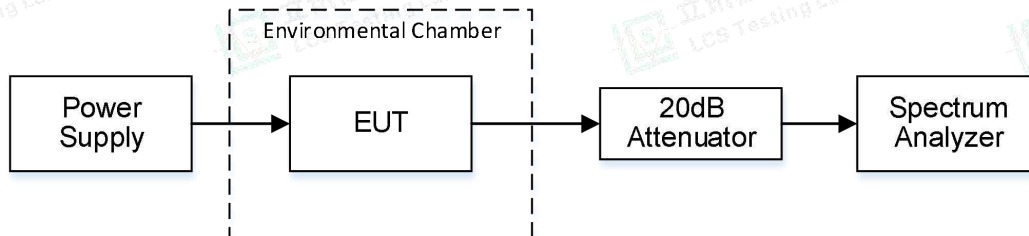
5.5.1 Test Applicable

- 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.

5.5.5 Test Results

Temperature	24.6°C	Humidity	53.8%
Test Engineer	Aalen.Ye	Test Voltage	Normal Voltage

Operation Mode	Channel Separation	Test conditions		Frequency error (ppm)		
		Voltage(V)	Temp(°C)	406.1125	430.1125	453.2125
TM1	12.5KHz	7.4 V	-30	0.006	0.008	-0.008
			-20	0.005	-0.003	-0.011
			-10	0.004	-0.010	-0.010
			0	-0.005	-0.003	0.011
			10	0.005	-0.003	-0.003
			20	0.001	-0.002	-0.002
			30	0.000	0.015	-0.003
			40	-0.010	-0.010	0.000
			50	-0.003	-0.001	0.010
		6.3(85% Rated)	20	0.003	0.007	0.014
		8.5(115% Rated)	20	0.010	-0.012	-0.023
Limit			2.5ppm			
Test Results			PASS			

Operation Mode	Channel Separation	Test conditions		Frequency error (ppm)		
		Voltage(V)	Temp(°C)	459.625	465.625	469.9875
TM1	12.5KHz	7.4 V	-30	-0.005	-0.001	-0.005
			-20	0.019	0.009	-0.008
			-10	0.005	0.013	-0.010
			0	0.017	0.007	0.007
			10	-0.012	-0.002	-0.009
			20	-0.007	0.008	0.001
			30	0.003	0.005	-0.019
			40	0.011	0.001	-0.004
			50	0.013	-0.008	-0.005
		6.3(85% Rated)	20	0.006	-0.001	0.010
		8.5(115% Rated)	20	-0.002	0.001	-0.013
Limit			2.5ppm			
Test Results			PASS			

Remark:

1. Measured at TM1 to TM4, recorded worst case at TM1.
2. All the modes have been tested and recorded worst mode in the report.

5.6. Transient Frequency Behavior

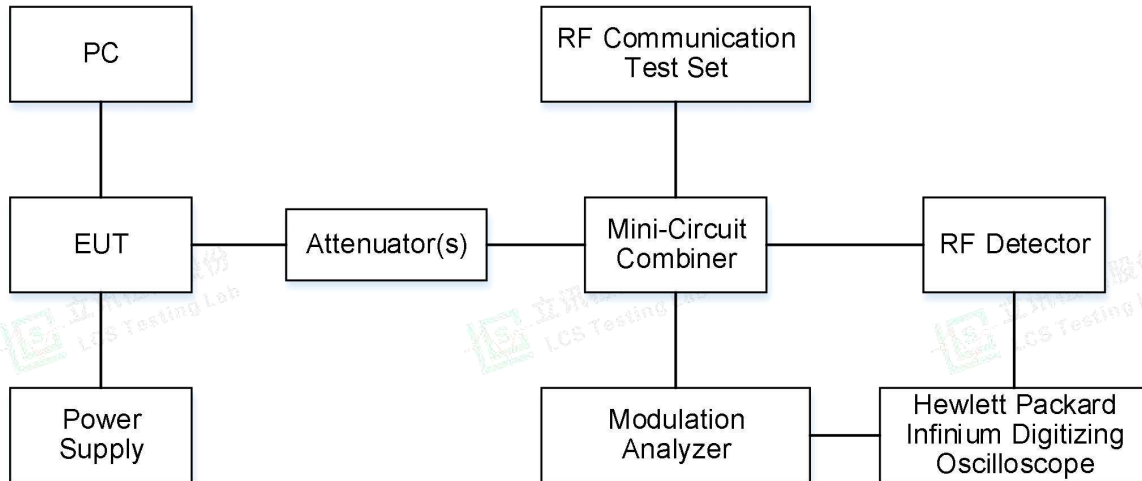
5.6.1 Test Applicable

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

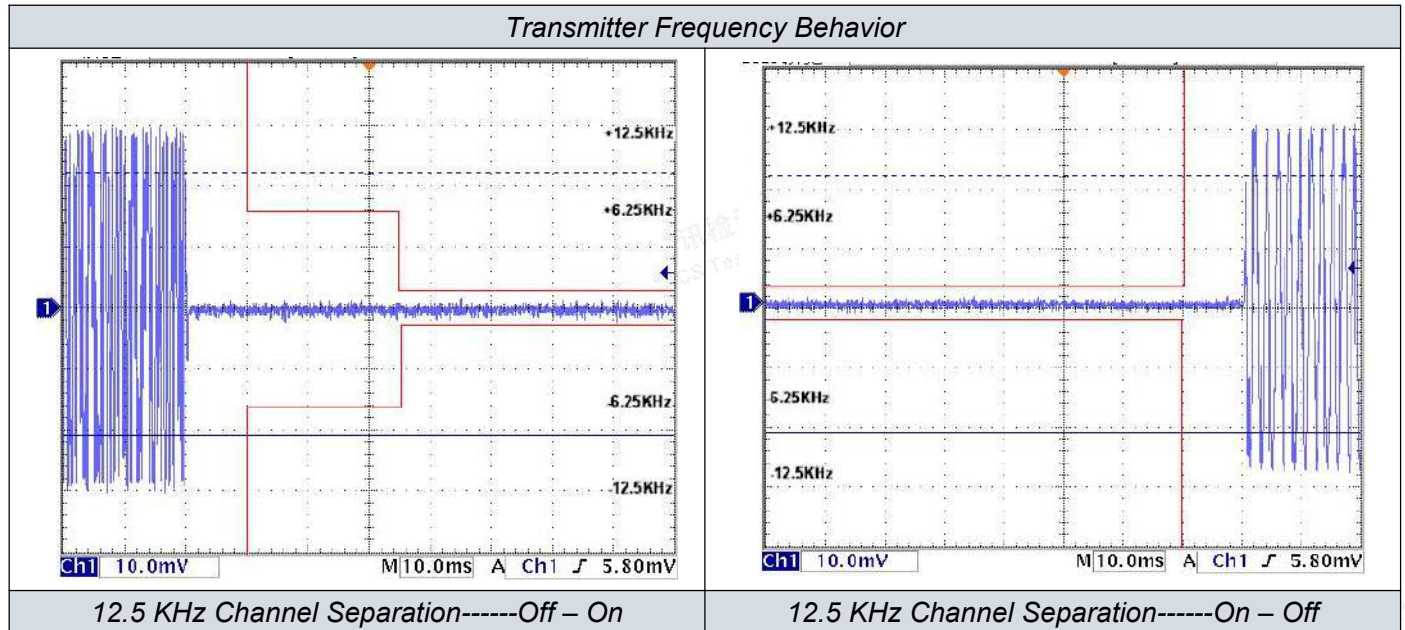
According to TIA/EIA-603 2.2.19 requirement.

5.6.4 Test Results

Temperature	24.6°C	Humidity	53.8%
Test Engineer	Aalen.Ye	Test Voltage	Normal Voltage

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

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	24.6°C	Humidity	53.8%
Test Engineer	Aalen.Ye	Test Voltage	Normal Voltage

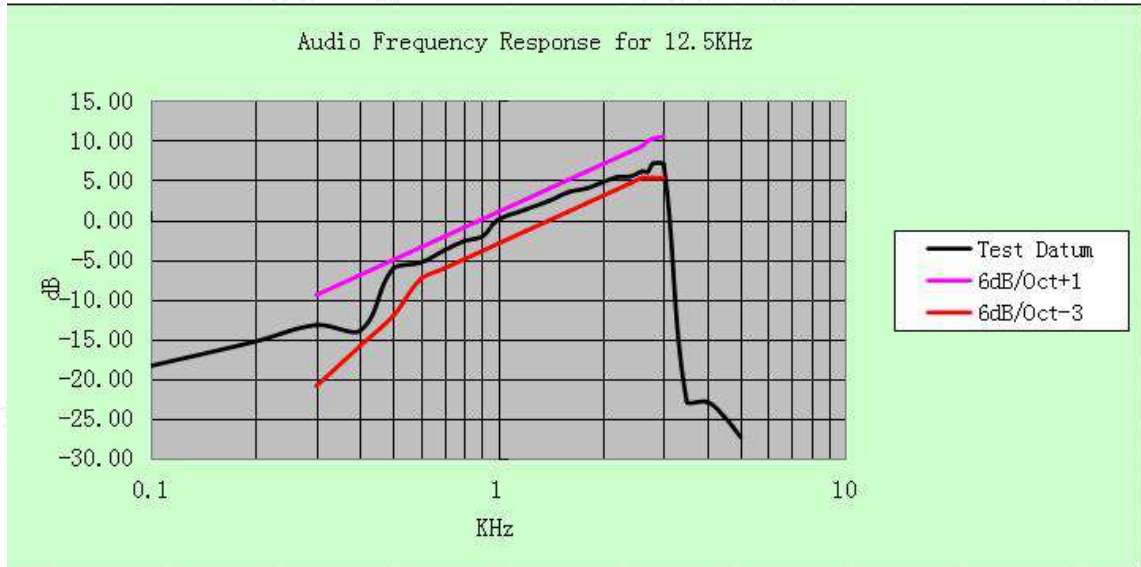
Test Mode: Transmitting

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

Audio Frequency Response – High Power

12.5kHz:

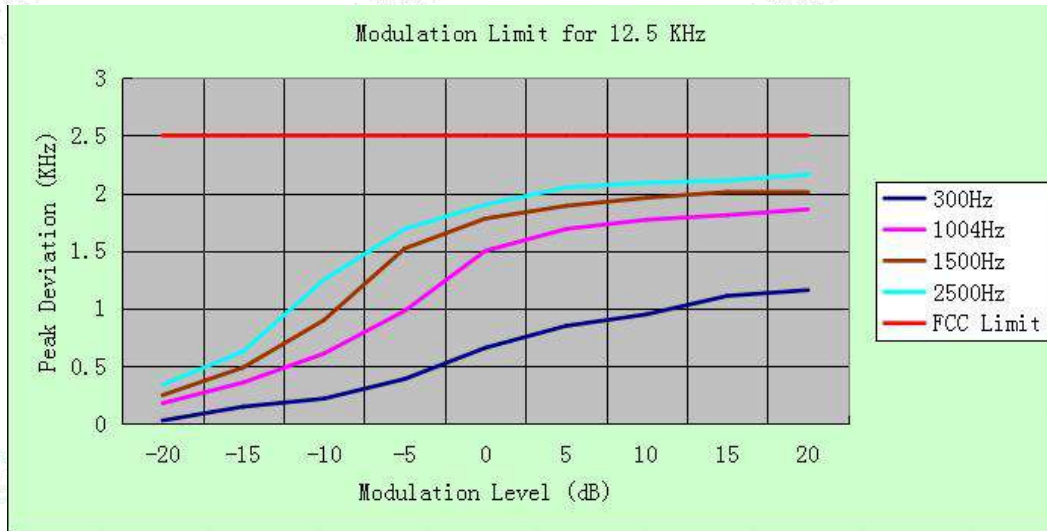
Carrier Frequency: 453.2125 MHz



MODULATION LIMITING – High Power

12.5kHz

Carrier Frequency: 453.2125 MHz



6. LIST OF MEASURING EQUIPMENT

No	Test Equipment	Manufacturer	Model No	Serial No	Cal. Date	Cal. Due Date
1	EMI Measuring Receiver	R&S	ESR	101160	2025.09.23	2026.09.22
2	Spectrum Analyzer	R&S	FSV40	101470	2025.09.23	2026.09.22
3	Low Noise Pre Amplifier	SCHWARZBECK	BBV 9745	00282	2025.09.23	2026.09.22
4	Low Noise Pre Amplifier	CESHENG	CSKJLNA231016 A	CSKJLNA231016A	2025.09.23	2026.09.22
5	Passive Loop	ETS	6512	00165355	2025.09.23	2026.09.22
6	TRILOG Super Broadband test Antenna	SCHWARZBECK	VULB9168	01434	2025.09.23	2026.09.22
7	Broadband Horn Antenna	Schwarzbeck	BBHA 9120D	452	2025.09.23	2026.09.22
8	Horn Antenna 15-40GHz	SCHWARZBECK	BBHA9170	BBHA9170367	2025.09.23	2026.09.22
9	6dB Attenuator	JFW	50FPE-006	4360846-949-1	2025.09.23	2026.09.22
10	EMI Test Receiver	R&S	ESPI	100771	2025.09.23	2026.09.22
11	LISN	R&S	NNLK 8129	8130179	2025.09.23	2026.09.22
12	LISN	R&S	ESH3-Z5	892785/016	2025.09.23	2026.09.22
13	Pulse Limiter	R&S	ESH3-Z2	102789	2025.09.23	2026.09.22
14	RF Automatic Test system	TST	TSTPASS	21033016	2025.09.23	2026.09.22
15	Vector Signal Generator	Agilent	N5182A	MY50143009	2025.09.23	2026.09.22
16	Analog signal generator	Agilent	E8257	MY51554256	2025.09.23	2026.09.22
17	Spectrum Analyzer	Agilent	N9020A	MY51289843	2025.09.23	2026.09.22
18	Spectrum Analyzer	Agilent	N9020A	MY53421570	2025.09.23	2026.09.22
19	Power Sensor	Agilent	8481A	MY41097697	2025.09.23	2026.09.22
20	Wideband Radio communication tester	R&S	CMW500	1201.0002K50	2025.09.23	2026.09.22
21	DC power supply	ZHAOXIN	RXN-305D-2	28070002559	N/A	N/A
22	RE Software	EZ	EZ-EMC_RE	Ver.AIT-03A	N/A	N/A
23	CE Software	EZ	EZ-EMC_CE	Ver.AIT-03A	N/A	N/A
24	RF Software	TST	TSTPASS	Version 2.0	N/A	N/A
25	RF Software	cesheng	WCS-WCN	Version 2024.6.20	N/A	N/A
26	temporary antenna connector(Note)	NTS	R001	N/A	N/A	N/A

Note: The temporary antenna connector is soldered on the PCB board in order to perform conducted tests and this temporary antenna connector is listed in the equipment list.

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.

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