

TEST REPORT

of

ARIB STD-T66

Equipment Under Test : Bluetooth Headset
Model Name : SM-R640
Variant Model Name(s) : -
Applicant : Samsung Electronics Co., Ltd.
Manufacturer : Samsung Electronics Co., Ltd.
Date of Receipt : 2025.11.05
Date of Test(s) : 2025.11.06 ~ 2025.12.03
Date of Issue : 2026.01.06

In the configuration tested, the EUT complied with the standards specified above. This test report does not assure KOLAS accreditation.

- 1) The results of this test report are effective only to the items tested.
 - 2) The SGS Korea is not responsible for the sampling, the results of this test report apply to the sample as received.
 - 3) This test report cannot be reproduced, except in full, without prior written permission of the Company.
 - 4) The data marked ※ in this report was provided by the customer and may affect the validity of the test results.
- We are responsible for all the information of this test report except for the data(※) provided by the customer.

Tested by:



Juhyeon Lee

Technical
Manager:



Haegyu Park

SGS Korea Co., Ltd. Gunpo Laboratory

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1. General Information

1.1. Testing Laboratory

SGS Korea Co., Ltd. (Gunpo Laboratory)

- Wireless Div. 2FL, 10-2, LS-ro 182beon-gil, Gunpo-si, Gyeonggi-do, Korea, 15807

All SGS services are rendered in accordance with the applicable SGS conditions of service available on request and accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>.

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1.2. Details of Applicant

Applicant : Samsung Electronics Co., Ltd.

Address : 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea

1.3. Details of Manufacturer

Company : Same as applicant

Address : Same as applicant

1.4. Description of EUT

Kind of Product	Bluetooth Headset
Model Name	SM-R640
Power Supply	DC 3.85 V
Frequency Range	2 402 MHz ~ 2 480 MHz (Bluetooth)
Modulation Technique	GFSK, $\pi/4$ DQPSK, 8DPSK
Number of Channels	79 channels (Bluetooth)
Rated Output Power	0.3 mW/MHz ~ 1.1 mW/MHz
Antenna Type	Inverted F Antenna
Antenna Gain[※]	-7.75 dB i

1.5. Test Equipment List

Date of Test	2025.11.06 ~ 2025.12.03					
Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. Authority	Cal. Method
Spectrum Analyzer	R&S	FSV30	103100	Mar. 21, 2025	SICT	c)
Signal Generator	R&S	SMA100B	106887	Oct. 20, 2025	SICT	c)
DC Power Supply	R&S	HMP2020	102133	Apr. 28, 2025	SICT	c)
Bridge Coupler	MARKI MICROWAVE INC	CBR16-0012	1542	May 15, 2025	SICT	c)
Directional Coupler	KRYTAR	152613	162412	Oct. 24, 2025	SICT	c)
Bluetooth Tester	TESCOM	TC-3000C	3000C000560	Sep. 10, 2025	SICT	c)
Attenuator	MCLI	FAS-12-10	A2	Jun. 10, 2025	SICT	c)
DIGITAL MULTIMETER	HIOKI	DT4211	N0301231	Sep. 18, 2025	SICT	c)

Note;

- a): Calibration conducted by the National Institute of Information and Communications Technology or a designated calibration agency under Article 102-18 paragraph (1).
- b): Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law. (Law No. 51 of 1992)
- c): Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- d): Calibration conducted by using other equipment that listed above from a) to c).

1.6. Test Method

Measurement was conducted by the following test method:

The test method of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment in Annex 1, the Ministry of Internal Affairs and Communication notification in Annex 43 of Article 88, Paragraph 1 or the test method more than equivalent.

Note;

We confirmed that there is no regulator in the EUT.

Therefore, we performed the test items under all three voltage conditions.

1.7. Summary of Test Results

The EUT has been tested according to the following specifications:

Applied Standard : Radio equipment regulations and ARIB STD-T66		
Section	Test item	Result
STD-T66 3.2	Frequency Tolerance	Complied
STD-T66 3.2	Occupied Bandwidth (99 %)	Complied
STD-T66 3.2	Spurious Emission Intensity	Complied
STD-T66 3.2	Antenna Power	Complied
STD-T66 3.3	Secondary Radiated Emissions	Complied
STD-T66 3.2	Dwell Time	Complied
STD-T66 3.4	Interference Prevention Function	Complied

1.8. Test Report Revision

Revision	Report Number	Date of Issue	Description
0	F690501-RF-RTL006552	2025.12.04	Initial
1	F690501-RF-RTL006552-1	2026.01.06	Modify Antenna Type

1.9. Spread Bandwidth Result

Test Voltage (V)	GFSK (NON AFH) (MHz)	GFSK (AFH) (MHz)	8DPSK (NON AFH) (MHz)	8DPSK (AFH) (MHz)
$V_{min} = 3.465$	71.13	18.06	71.29	18.22
$V_{nor} = 3.850$	71.29	18.06	71.13	18.38
$V_{max} = 4.235$	71.13	18.06	71.29	18.22

2. Frequency Tolerance

2.1. Test Setup



2.2. Limit

Tolerance of frequency: $\pm 50 \times 10^{-6}$ or less.

2.3. Test Procedure

1. Connect transmitter output to the spectrum analyzer input port.
2. The EUT should be transmitting at low, high channels.
3. Set the spectrum analyzer as below;

Center frequency:	BDR, EDR	2 402 MHz, 2 480 MHz
Span:		1 MHz
RBW:		10 kHz
VBW:		10 kHz
Sweep time:		Auto
Sweep data points:		1 001 or greater
Detector mode:		Positive peak
Indication mode:		Max hold

4. Find the right and left peak values and calculate its frequency.

2.4. Test Result

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

- Test mode: Un-Modulated

Low Voltage

Test Voltage (V)	Measured Frequency (MHz)	Reading Frequency (MHz)	Frequency Tolerance [ppm]
$V_{min} = 3.465$	Low Ch. (2 402)	2 402.058	24.15
	High Ch. (2 480)	2 480.059	23.79

Normal Voltage

Test Voltage (V)	Measured Frequency (MHz)	Reading Frequency (MHz)	Frequency Tolerance [ppm]
$V_{nor} = 3.850$	Low Ch. (2 402)	2 402.058	24.15
	High Ch. (2 480)	2 480.060	24.19

High Voltage

Test Voltage (V)	Measured Frequency (MHz)	Reading Frequency (MHz)	Frequency Tolerance [ppm]
$V_{max} = 4.235$	Low Ch. (2 402)	2 402.057	23.73
	High Ch. (2 480)	2 480.060	24.19

Note;

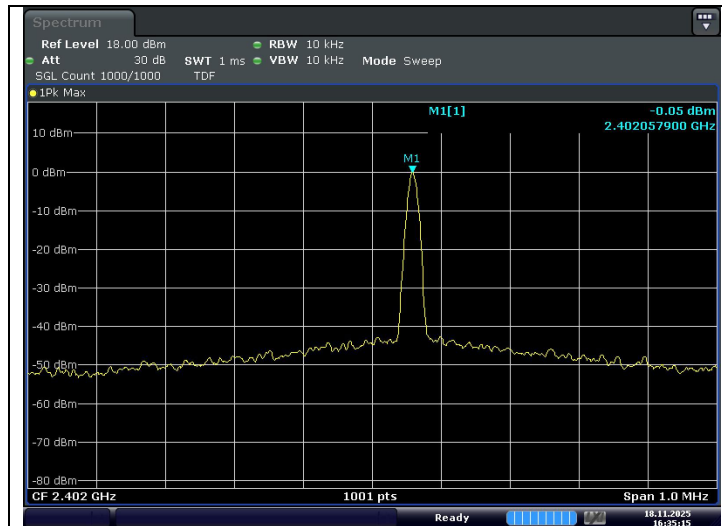
1. $FT (ppm) = [(RF-MF)/MF] \times 10^6$

- FT: Frequency Tolerance, RF: Reading Frequency and MF: Measurement Frequency

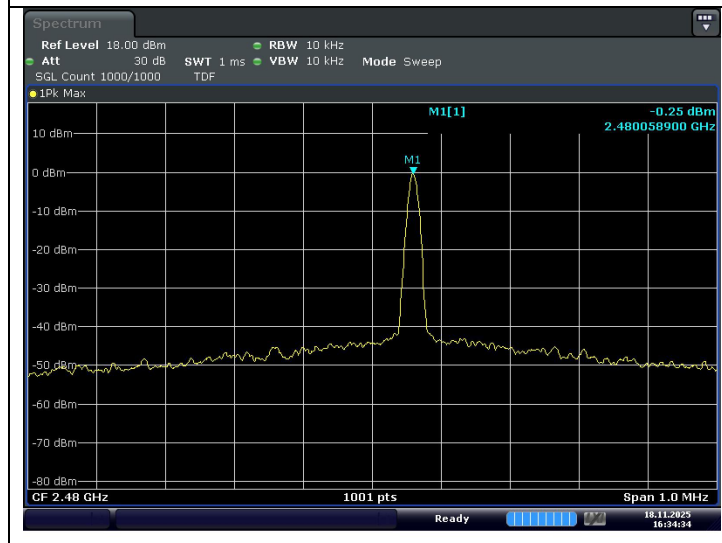
2. The Frequency Tolerance do not depend on the modulation mode because it was tested without modulation.

Low voltage

2 402 MHz

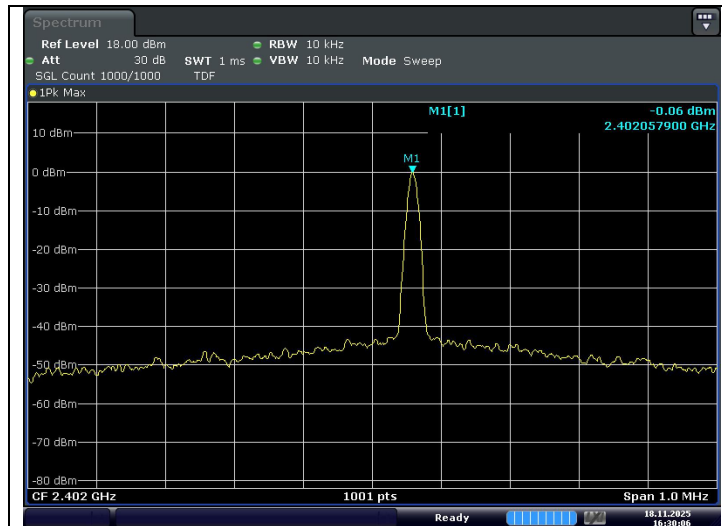


2 480 MHz

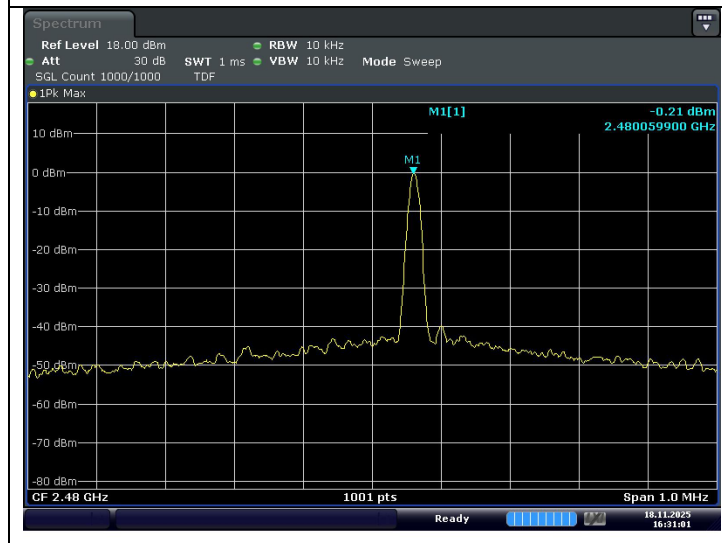


Normal voltage

2 402 MHz

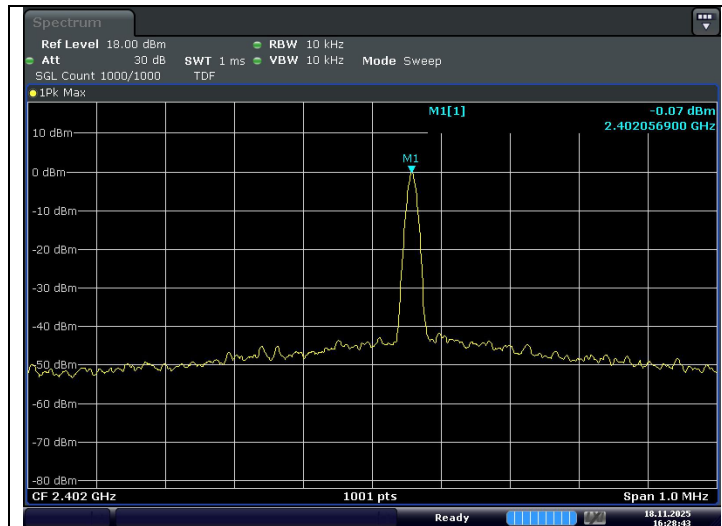


2 480 MHz

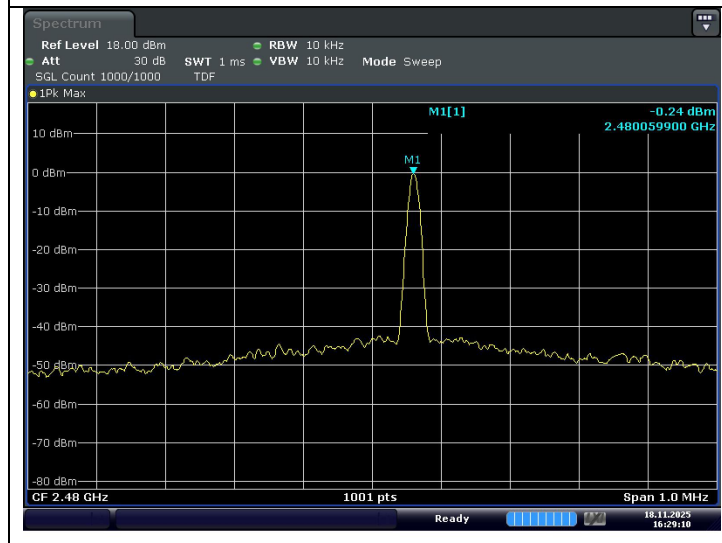


High voltage

2 402 MHz

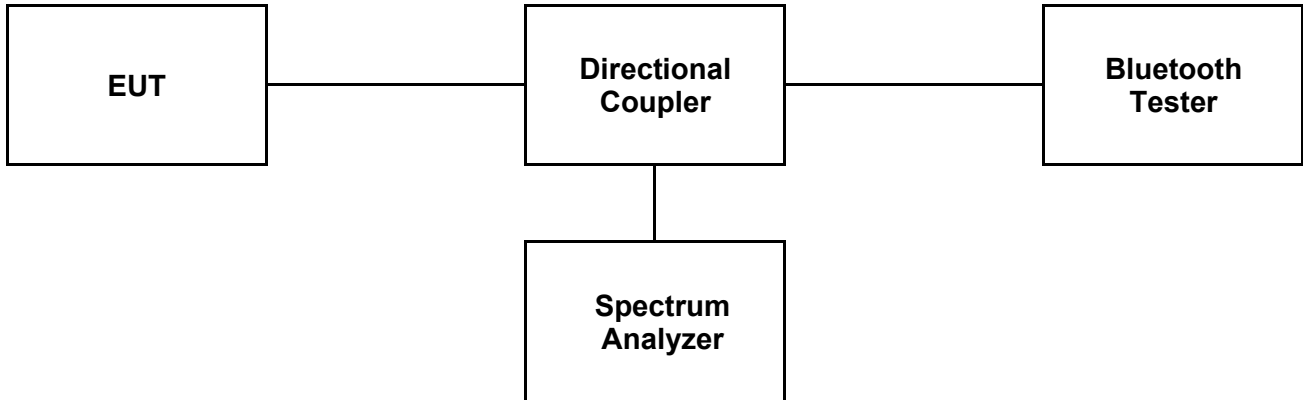


2 480 MHz



3. Occupied Bandwidth (99 %)

3.1. Test Setup



3.2. Limit

[Occupied Bandwidth]
 BDR, EDR: 83.5 MHz or less

3.3. Test Procedure

3.3.1. Occupied Bandwidth (99 %)

1. Connect transmitter output to the spectrum analyzer input port.
2. Set the EUT to transmit using the 79-channel hopping mode.
3. Measure the signal bandwidth using a spectrum analyzer.
4. Set the spectrum analyzer to below.

Center frequency:	BDR, EDR	2 441 MHz
Span:	BDR, EDR	160 MHz
RBW:		300 kHz
VBW:		300 kHz
Sweep time:		Auto
Sweep data points:		1 001 or greater
Detector mode:		Positive peak
Indication mode:		Max hold
BW setting:		99 %

3.4. Test result

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

Low voltage

Test Voltage (V)	Test Mode	Occupied Bandwidth (99 %)
		Result (MHz)
V _{min} = 3.465	GFSK (NON AFH)	78.16
	π/4DQPSK (NON AFH)	78.32
	8DPSK (NON AFH)	78.32

Normal voltage

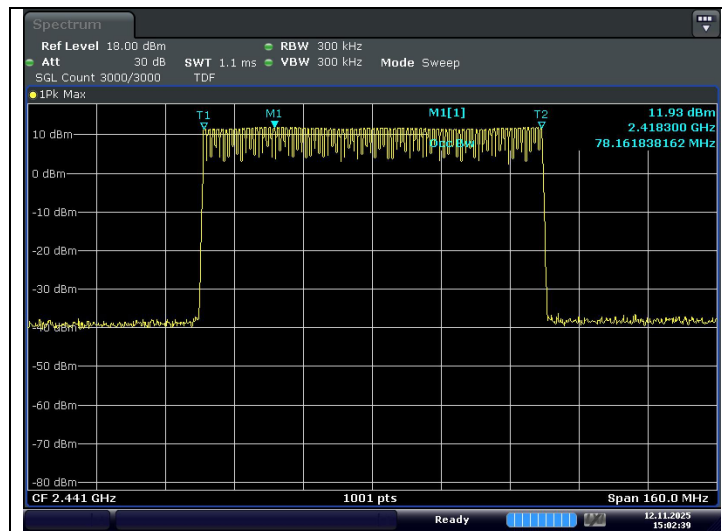
Test Voltage (V)	Test Mode	Occupied Bandwidth (99 %)
		Result (MHz)
V _{nor} = 3.850	GFSK (NON AFH)	78.16
	π/4DQPSK (NON AFH)	78.32
	8DPSK (NON AFH)	78.32

High voltage

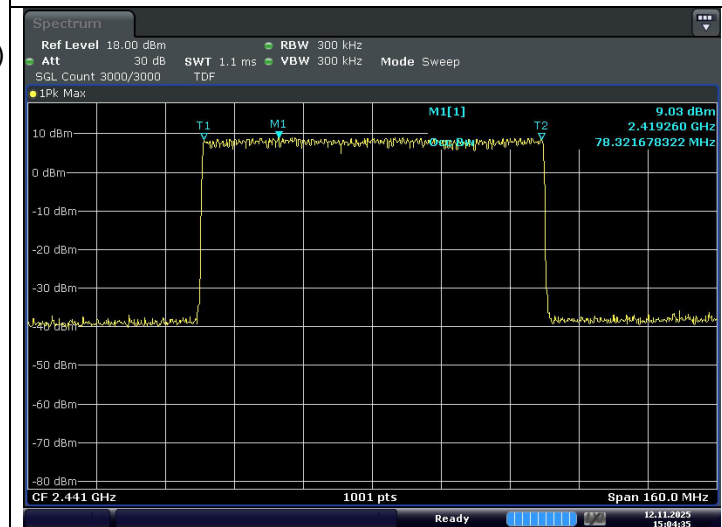
Test Voltage (V)	Test Mode	Occupied Bandwidth (99 %)
		Result (MHz)
V _{max} = 4.235	GFSK (NON AFH)	78.16
	π/4DQPSK (NON AFH)	78.32
	8DPSK (NON AFH)	78.48

Low voltage

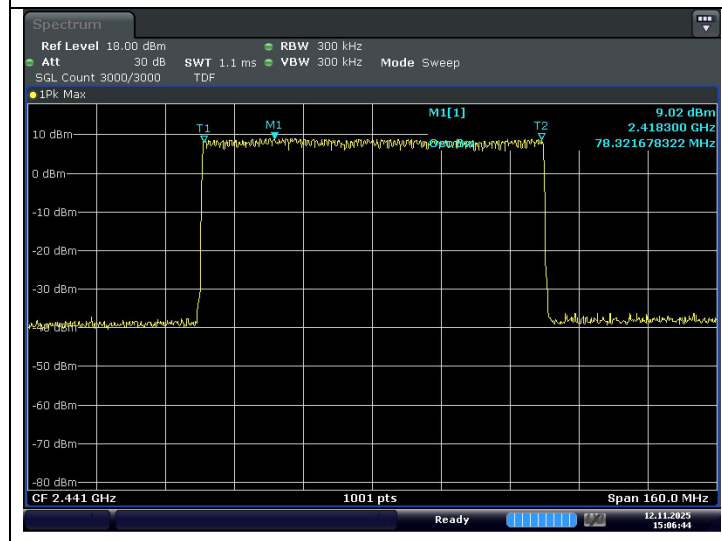
Test mode:
GFSK (NON AFH)



Test mode:
 $\pi/4$ DQPSK (NON AFH)

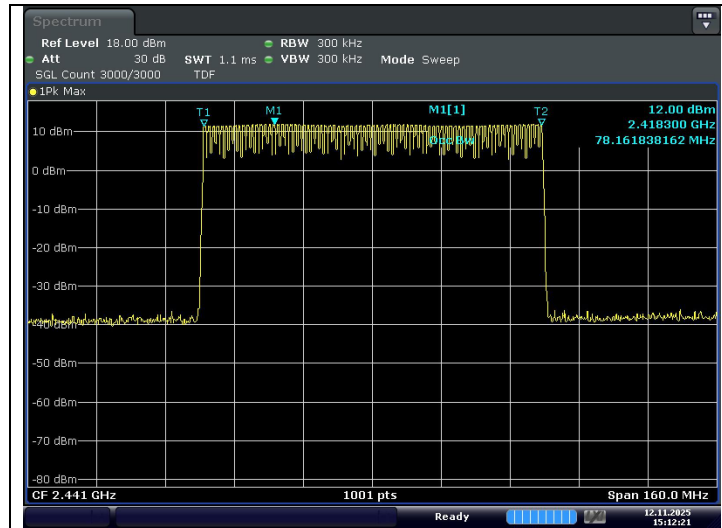


Test mode:
8DPSK (NON AFH)

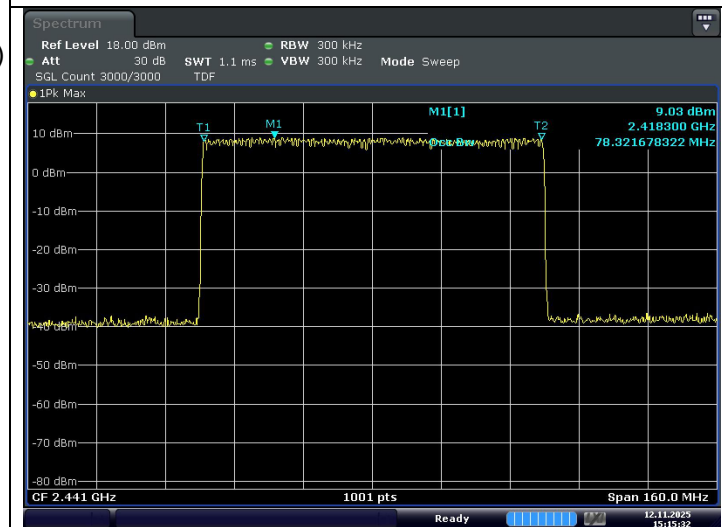


Normal voltage

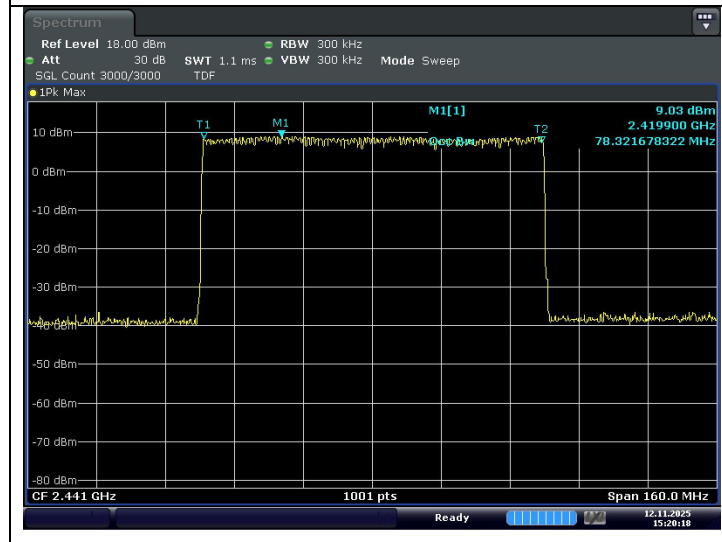
Test mode:
GFSK (NON AFH)



Test mode:
 $\pi/4$ DQPSK (NON AFH)

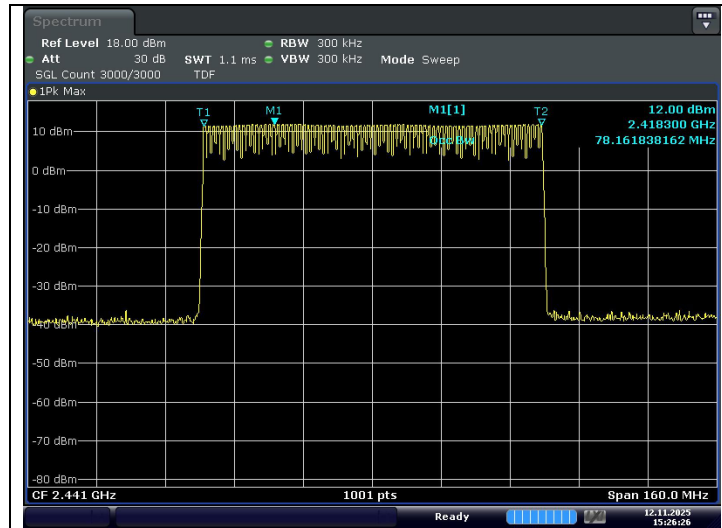


Test mode:
8DPSK (NON AFH)

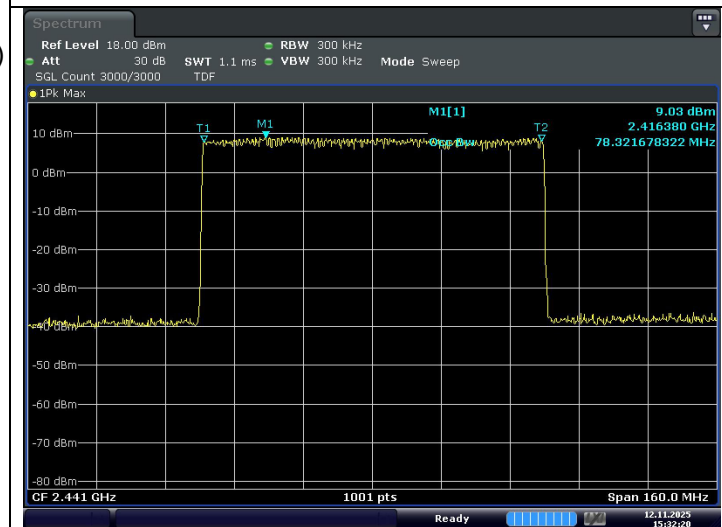


High voltage

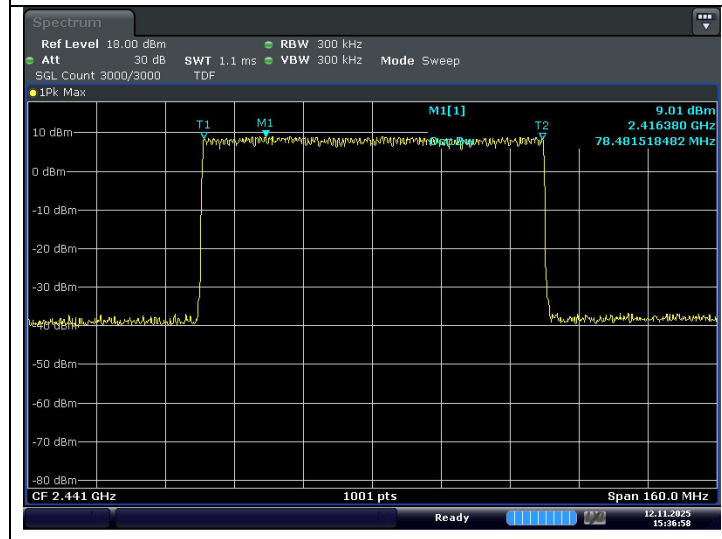
Test mode:
GFSK (NON AFH)



Test mode:
 $\pi/4$ DQPSK (NON AFH)

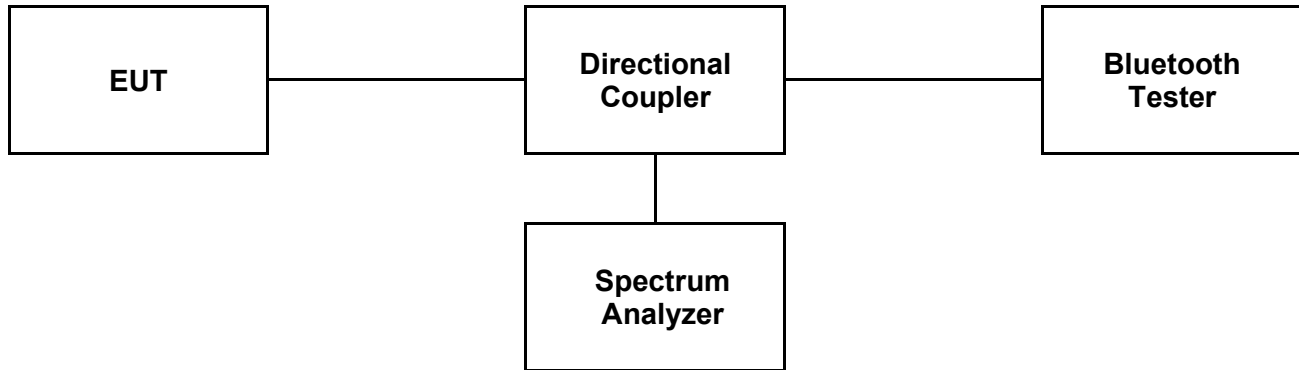


Test mode:
8DPSK (NON AFH)



4. Spurious Emission Intensity

4.1. Test Setup



4.2. Limit

Below 2 387 MHz:	2.5 μ W (-26 dB m)/MHz or less
2 387 to 2 400 MHz:	25.0 μ W (-16 dB m)/MHz or less
2 483.5 to 2 496.5 MHz:	25.0 μ W (-16 dB m)/MHz or less
Over 2 496.5 MHz:	2.5 μ W (-26 dB m)/MHz or less

4.3. Test Procedure

1. Connect transmitter output to the spectrum analyzer input port.
2. Configure the EUT
 - Hopping using all channels
 - Modulated
 - Maximum payload size (BDR: DH5, EDR: 3DH5)
3. Spurious Emission Intensity is measured by following setting:

[Setting 1]

Frequency range:	BDR, EDR	30 MHz to 12.5 GHz, except for 2 374 MHz to 2 509.5 MHz
RBW:		1 MHz
VBW:		1 MHz
Sweep time:		Minimum time required to make an accurate measurement
Sweep data points:		1 001 or greater
Detector mode:		Positive peak
Indication mode:		Max hold

Note: sweep shall be repeated until the max hold waveform is stable.

[Setting 2]

Center frequency:	Frequency of spurious emission found using [Setting 1]
Span:	0 Hz
RBW:	1 MHz
VBW:	1 MHz
Sweep time:	Minimum time required to make an accurate measurement. For burst type(intermittent) spurious emission, sweep time shall be greater than one burst interval.
Sweep data points:	1 001 or greater
Detector mode:	Sample or RMS

[Setting 3]

Frequency range:	2 374 MHz to 2 400 MHz 2 483.5 MHz to 2 509.5 MHz
RBW:	30 kHz
VBW:	30 kHz
Sweep time:	Minimum time required to make an accurate measurement.
Sweep data points:	1 001 or greater
Detector mode:	Positive peak
Indication mode:	Max hold

4. After configuring the spectrum analyzer to [Setting 1], search for spurious emissions from 30 MHz to 12.5 GHz. If the sweep range does not cover the required measurement frequency range then the measurement range will need to be divided into sufficient sections of size [RBW x Sweep Data Points]. If spurious emissions greater than [Limit -3 dB] are found, then more detailed measurements are required, go to step (5).
5. Configure the spectrum analyzer using [Setting 2] and measure the average signal amplitude. If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time.
If spurious emissions ranging from 30 MHz to 2 374 MHz and from 2 509.5 MHz to 12.5 GHz are over the limit, then the test result is 'Fail'.
If spurious emissions ranging 2 374 MHz to 2 400 MHz and 2 483.5 MHz to 2 509.5 MHz are over the limit, then further detailed measurements are required, go to step (6).
6. In the following cases, measure the spurious emissions using [Setting 3]
 - **Case1 : FHSS, FHSS+DSSS, FHSS+OFDM**
 - Case2 : Other than FHSS, FHSS+DSSS, FHSS+OFDM, and the spurious emissions in step (5) are over the limit
7. Calculate the spurious emission value (Calculated Value) using following the formula below:
Calculated Value = (Measured Value using (6) + 15.2 dB)
Note: 15.2 dB adjustment is derived from the Conversion Factor of RBW
Conversion Factor of RBW = 10 x Log (Reference Bandwidth / RBW of measurement) = 15.2 [dB]
Where: Reference Bandwidth = 1 MHz
RBW of measurement = 30 kHz
8. If the calculated value using (7) is over the limit, go to (9)
9. Configure the spectrum analyzer to [Setting 3] then make the following changes:
Frequency: Frequency of spurious emission
Span: 1 MHz
10. After sweep, send the span data set to the PC
11. Convert measured data from dBm to Watts
12. Sum all the data using the formula below. If the sum is within the limit, the test result is Pass, otherwise Fail

$$P_s = \sum_{i=1}^n E_i \times \frac{S_w}{RBW \times k \times n} \quad (\text{Equation 4.1})$$

P _s :	Sum (Watts)
E _i :	Measured value at each point in the Span (Watts)
S _w :	Span (1 MHz)
n:	Number of measurement points in the span
k:	Correction factor for Equivalent Noise Bandwidth, specific to each spectrum analyzer, check the instrument user guide
RBW:	Resolution Bandwidth (MHz)

4.4. Test result

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

Low voltage

- Test mode: GFSK (NON AFH)

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{min} = 3.465	30 MHz to 2 374 MHz	2 335.21 MHz	0.025 235 μ W/MHz	2.5 μ W/MHz
			-45.98 dB m/MHz	-26 dB m/MHz
	2 374 MHz to 2 387 MHz	2 379.03 MHz	0.039 174 μ W/MHz	2.5 μ W/MHz
			-44.07 dB m/MHz	-26 dB m/MHz
	2 387 MHz to 2 400 MHz	2 393.11 MHz	0.041 305 μ W/MHz	25 μ W/MHz
			-43.84 dB m/MHz	-16 dB m/MHz
	2 483.5 MHz to 2 496.5 MHz	2 485.75 MHz	0.037 670 μ W/MHz	25 μ W/MHz
			-44.24 dB m/MHz	-16 dB m/MHz
	2 496.5 MHz to 2 509.5 MHz	2 498.11 MHz	0.028 445 μ W/MHz	2.5 μ W/MHz
			-45.46 dB m/MHz	-26 dB m/MHz
	2 509.5 MHz to 12.5 GHz	7 421.84 MHz	0.116 950 μ W/MHz	2.5 μ W/MHz
			-39.32 dB m/MHz	-26 dB m/MHz

- Test mode: GFSK (AFH)

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{min} = 3.465	30 MHz to 2 374 MHz	2 244.27 MHz	0.025 293 μ W/MHz	2.5 μ W/MHz
			-45.97 dB m/MHz	-26 dB m/MHz
	2 374 MHz to 2 387 MHz	2 383.07 MHz	0.037 757 μ W/MHz	2.5 μ W/MHz
			-44.23 dB m/MHz	-26 dB m/MHz
	2 387 MHz to 2 400 MHz	2 399.83 MHz	0.168 655 μ W/MHz	25 μ W/MHz
			-37.73 dB m/MHz	-16 dB m/MHz
	2 483.5 MHz to 2 496.5 MHz	2 484.21 MHz	0.022 491 μ W/MHz	25 μ W/MHz
			-46.48 dB m/MHz	-16 dB m/MHz
	2 496.5 MHz to 2 509.5 MHz	2 497.89 MHz	0.034 754 μ W/MHz	2.5 μ W/MHz
			-44.59 dB m/MHz	-26 dB m/MHz
	2 509.5 MHz to 12.5 GHz	7 206.06 MHz	0.086 298 μ W/MHz	2.5 μ W/MHz
			-40.64 dB m/MHz	-26 dB m/MHz

- Test mode: 8DPSK (NON AFH)

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{min} = 3.465	30 MHz to 2 374 MHz	2 359.12 MHz	0.126 474 μ W/MHz	2.5 μ W/MHz
			-38.98 dB m/MHz	-26 dB m/MHz
	2 374 MHz to 2 387 MHz	2 382.89 MHz	0.028 907 μ W/MHz	2.5 μ W/MHz
			-45.39 dB m/MHz	-26 dB m/MHz
	2 387 MHz to 2 400 MHz	2 399.96 MHz	0.092 470 μ W/MHz	25 μ W/MHz
			-40.34 dB m/MHz	-16 dB m/MHz
	2 483.5 MHz to 2 496.5 MHz	2 483.52 MHz	0.036 813 μ W/MHz	25 μ W/MHz
			-44.34 dB m/MHz	-16 dB m/MHz
	2 496.5 MHz to 2 509.5 MHz	2 502.72 MHz	0.046 452 μ W/MHz	2.5 μ W/MHz
			-43.33 dB m/MHz	-26 dB m/MHz
	2 509.5 MHz to 12.5 GHz	2 542.96 MHz	0.096 828 μ W/MHz	2.5 μ W/MHz
			-40.14 dB m/MHz	-26 dB m/MHz

- Test mode: 8DPSK (AFH)

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{min} = 3.465	30 MHz to 2 374 MHz	2 367.79 MHz	0.082 224 μ W/MHz	2.5 μ W/MHz
			-40.85 dB m/MHz	-26 dB m/MHz
	2 374 MHz to 2 387 MHz	2 378.98 MHz	0.022 233 μ W/MHz	2.5 μ W/MHz
			-46.53 dB m/MHz	-26 dB m/MHz
	2 387 MHz to 2 400 MHz	2 400.00 MHz	0.074 473 μ W/MHz	25 μ W/MHz
			-41.28 dB m/MHz	-16 dB m/MHz
	2 483.5 MHz to 2 496.5 MHz	2 492.65 MHz	0.032 359 μ W/MHz	25 μ W/MHz
			-44.90 dB m/MHz	-16 dB m/MHz
	2 496.5 MHz to 2 509.5 MHz	2 506.57 MHz	0.036 058 μ W/MHz	2.5 μ W/MHz
			-44.43 dB m/MHz	-26 dB m/MHz
	2 509.5 MHz to 12.5 GHz	2 522.99 MHz	0.111 429 μ W/MHz	2.5 μ W/MHz
			-39.53 dB m/MHz	-26 dB m/MHz

Normal voltage

- Test mode: GFSK (NON AFH)

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{nor} = 3.850	30 MHz to 2 374 MHz	2 338.26 MHz	0.028 907 μ W/MHz	2.5 μ W/MHz
			-45.39 dB m/MHz	-26 dB m/MHz
	2 374 MHz to 2 387 MHz	2 386.62 MHz	0.023 496 μ W/MHz	2.5 μ W/MHz
			-46.29 dB m/MHz	-26 dB m/MHz
	2 387 MHz to 2 400 MHz	2 399.93 MHz	0.097 949 μ W/MHz	25 μ W/MHz
			-40.09 dB m/MHz	-16 dB m/MHz
	2 483.5 MHz to 2 496.5 MHz	2 484.22 MHz	0.057 148 μ W/MHz	25 μ W/MHz
			-42.43 dB m/MHz	-16 dB m/MHz
	2 496.5 MHz to 2 509.5 MHz	2 501.11 MHz	0.039 811 μ W/MHz	2.5 μ W/MHz
			-44.00 dB m/MHz	-26 dB m/MHz
	2 509.5 MHz to 12.5 GHz	7 353.91 MHz	0.113 501 μ W/MHz	2.5 μ W/MHz
			-39.45 dB m/MHz	-26 dB m/MHz

- Test mode: GFSK (AFH)

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{nor} = 3.850	30 MHz to 2 374 MHz	2 245.44 MHz	0.026 182 μ W/MHz	2.5 μ W/MHz
			-45.82 dB m/MHz	-26 dB m/MHz
	2 374 MHz to 2 387 MHz	2 384.07 MHz	0.028 184 μ W/MHz	2.5 μ W/MHz
			-45.50 dB m/MHz	-26 dB m/MHz
	2 387 MHz to 2 400 MHz	2 399.99 MHz	0.075 858 μ W/MHz	25 μ W/MHz
			-41.20 dB m/MHz	-16 dB m/MHz
	2 483.5 MHz to 2 496.5 MHz	2 493.12 MHz	0.023 988 μ W/MHz	25 μ W/MHz
			-46.20 dB m/MHz	-16 dB m/MHz
	2 496.5 MHz to 2 509.5 MHz	2 509.15 MHz	0.027 353 μ W/MHz	2.5 μ W/MHz
			-45.63 dB m/MHz	-26 dB m/MHz
	2 509.5 MHz to 12.5 GHz	7 255.01 MHz	0.096 161 μ W/MHz	2.5 μ W/MHz
			-40.17 dB m/MHz	-26 dB m/MHz

- Test mode: 8DPSK (NON AFH)

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{nor} = 3.850	30 MHz to 2 374 MHz	2 368.02 MHz	0.069 343 μ W/MHz	2.5 μ W/MHz
			-41.59 dB m/MHz	-26 dB m/MHz
	2 374 MHz to 2 387 MHz	2 386.25 MHz	0.024 378 μ W/MHz	2.5 μ W/MHz
			-46.13 dB m/MHz	-26 dB m/MHz
	2 387 MHz to 2 400 MHz	2 393.74 MHz	0.028 774 μ W/MHz	25 μ W/MHz
			-45.41 dB m/MHz	-16 dB m/MHz
	2 483.5 MHz to 2 496.5 MHz	2 488.03 MHz	0.039 264 μ W/MHz	25 μ W/MHz
			-44.06 dB m/MHz	-16 dB m/MHz
	2 496.5 MHz to 2 509.5 MHz	2 506.51 MHz	0.031 333 μ W/MHz	2.5 μ W/MHz
			-45.04 dB m/MHz	-26 dB m/MHz
	2 509.5 MHz to 12.5 GHz	2 562.94 MHz	0.125 026 μ W/MHz	2.5 μ W/MHz
			-39.03 dB m/MHz	-26 dB m/MHz

- Test mode: 8DPSK (AFH)

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{nor} = 3.850	30 MHz to 2 374 MHz	2 367.55 MHz	0.070 795 μ W/MHz	2.5 μ W/MHz
			-41.50 dB m/MHz	-26 dB m/MHz
	2 374 MHz to 2 387 MHz	2 374.44 MHz	0.025 704 μ W/MHz	2.5 μ W/MHz
			-45.90 dB m/MHz	-26 dB m/MHz
	2 387 MHz to 2 400 MHz	2 399.85 MHz	0.030 903 μ W/MHz	25 μ W/MHz
			-45.10 dB m/MHz	-16 dB m/MHz
	2 483.5 MHz to 2 496.5 MHz	2 490.21 MHz	0.044 668 μ W/MHz	25 μ W/MHz
			-43.50 dB m/MHz	-16 dB m/MHz
	2 496.5 MHz to 2 509.5 MHz	2 501.46 MHz	0.027 925 μ W/MHz	2.5 μ W/MHz
			-45.54 dB m/MHz	-26 dB m/MHz
	2 509.5 MHz to 12.5 GHz	2 552.95 MHz	0.102 094 μ W/MHz	2.5 μ W/MHz
			-39.91 dB m/MHz	-26 dB m/MHz

High voltage

- Test mode: GFSK (NON AFH)

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{max} = 4.235	30 MHz to 2 374 MHz	2 331.23 MHz	0.023 121 μ W/MHz	2.5 μ W/MHz
			-46.36 dB m/MHz	-26 dB m/MHz
	2 374 MHz to 2 387 MHz	2 374.22 MHz	0.019 055 μ W/MHz	2.5 μ W/MHz
			-47.20 dB m/MHz	-26 dB m/MHz
	2 387 MHz to 2 400 MHz	2 399.98 MHz	0.151 008 μ W/MHz	25 μ W/MHz
			-38.21 dB m/MHz	-16 dB m/MHz
	2 483.5 MHz to 2 496.5 MHz	2 484.27 MHz	0.048 306 μ W/MHz	25 μ W/MHz
			-43.16 dB m/MHz	-16 dB m/MHz
	2 496.5 MHz to 2 509.5 MHz	2 500.12 MHz	0.047 643 μ W/MHz	2.5 μ W/MHz
			-43.22 dB m/MHz	-26 dB m/MHz
	2 509.5 MHz to 12.5 GHz	7 422.84 MHz	0.131 826 μ W/MHz	2.5 μ W/MHz
			-38.80 dB m/MHz	-26 dB m/MHz

- Test mode: GFSK (AFH)

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{max} = 4.235	30 MHz to 2 374 MHz	2 274.98 MHz	0.052 240 μ W/MHz	2.5 μ W/MHz
			-42.82 dB m/MHz	-26 dB m/MHz
	2 374 MHz to 2 387 MHz	2 379.06 MHz	0.031 117 μ W/MHz	2.5 μ W/MHz
			-45.07 dB m/MHz	-26 dB m/MHz
	2 387 MHz to 2 400 MHz	2 399.59 MHz	0.067 764 μ W/MHz	25 μ W/MHz
			-41.69 dB m/MHz	-16 dB m/MHz
	2 483.5 MHz to 2 496.5 MHz	2 486.20 MHz	0.025 645 μ W/MHz	25 μ W/MHz
			-45.91 dB m/MHz	-16 dB m/MHz
	2 496.5 MHz to 2 509.5 MHz	2 505.00 MHz	0.032 063 μ W/MHz	2.5 μ W/MHz
			-44.94 dB m/MHz	-26 dB m/MHz
	2 509.5 MHz to 12.5 GHz	7 231.04 MHz	0.101 859 μ W/MHz	2.5 μ W/MHz
			-39.92 dB m/MHz	-26 dB m/MHz

- Test mode: 8DPSK (NON AFH)

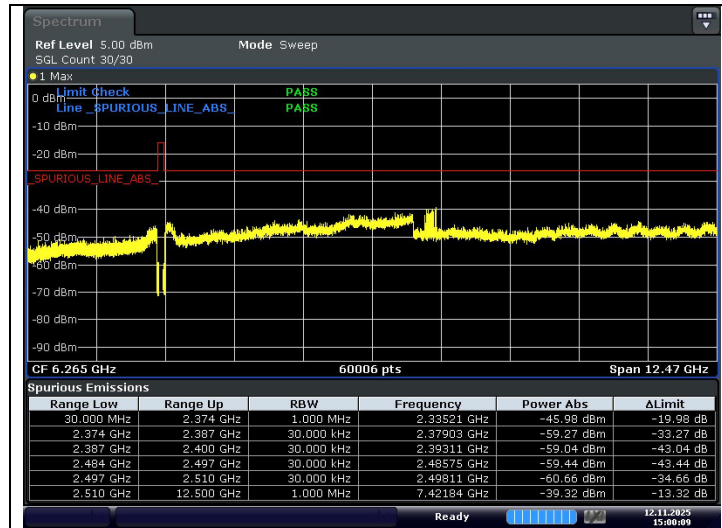
Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{max} = 4.235	30 MHz to 2 374 MHz	2 370.84 MHz	0.095 719 μ W/MHz	2.5 μ W/MHz
			-40.19 dB m/MHz	-26 dB m/MHz
	2 374 MHz to 2 387 MHz	2 380.43 MHz	0.025 003 μ W/MHz	2.5 μ W/MHz
			-46.02 dB m/MHz	-26 dB m/MHz
	2 387 MHz to 2 400 MHz	2 387.80 MHz	0.026 424 μ W/MHz	25 μ W/MHz
			-45.78 dB m/MHz	-16 dB m/MHz
	2 483.5 MHz to 2 496.5 MHz	2 490.33 MHz	0.038 637 μ W/MHz	25 μ W/MHz
			-44.13 dB m/MHz	-16 dB m/MHz
	2 496.5 MHz to 2 509.5 MHz	2 499.75 MHz	0.035 237 μ W/MHz	2.5 μ W/MHz
			-44.53 dB m/MHz	-26 dB m/MHz
	2 509.5 MHz to 12.5 GHz	2 510.00 MHz	0.111 173 μ W/MHz	2.5 μ W/MHz
			-39.54 dB m/MHz	-26 dB m/MHz

- Test mode: 8DPSK (AFH)

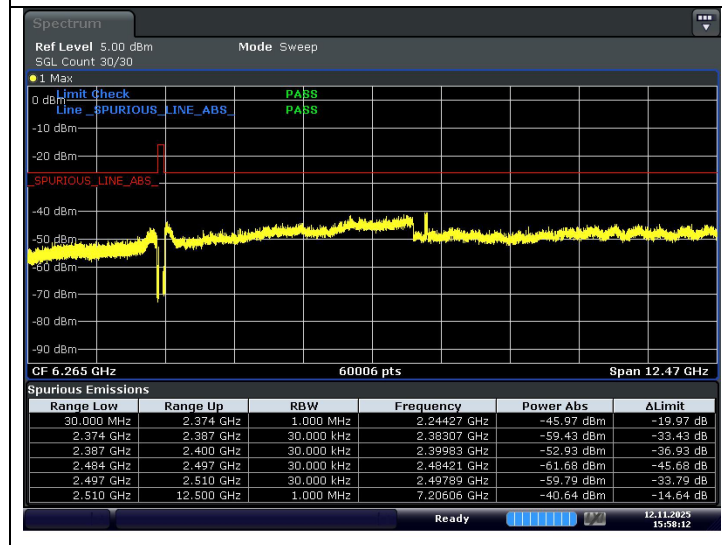
Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{max} = 4.235	30 MHz to 2 374 MHz	2 274.27 MHz	0.071 450 μ W/MHz	2.5 μ W/MHz
			-41.46 dB m/MHz	-26 dB m/MHz
	2 374 MHz to 2 387 MHz	2 386.17 MHz	0.026 182 μ W/MHz	2.5 μ W/MHz
			-45.82 dB m/MHz	-26 dB m/MHz
	2 387 MHz to 2 400 MHz	2 399.93 MHz	0.145 881 μ W/MHz	25 μ W/MHz
			-38.36 dB m/MHz	-16 dB m/MHz
	2 483.5 MHz to 2 496.5 MHz	2 487.96 MHz	0.028 445 μ W/MHz	25 μ W/MHz
			-45.46 dB m/MHz	-16 dB m/MHz
	2 496.5 MHz to 2 509.5 MHz	2 497.61 MHz	0.032 063 μ W/MHz	2.5 μ W/MHz
			-44.94 dB m/MHz	-26 dB m/MHz
	2 509.5 MHz to 12.5 GHz	2 636.87 MHz	0.107 399 μ W/MHz	2.5 μ W/MHz
			-39.69 dB m/MHz	-26 dB m/MHz

Low voltage

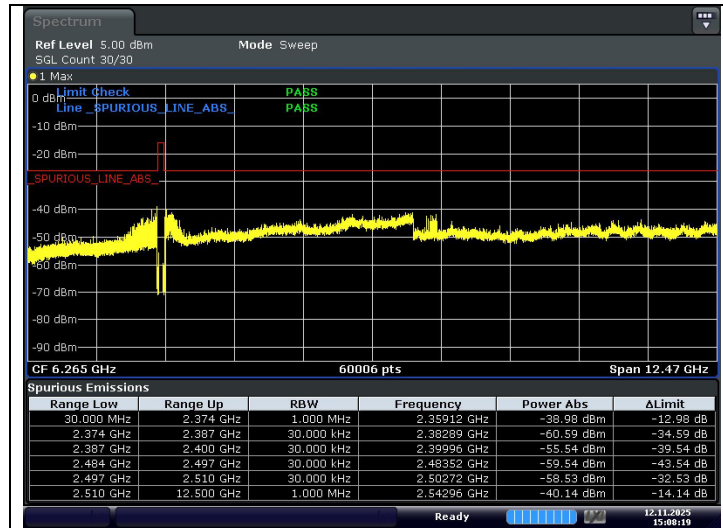
Test mode:
GFSK (NON AFH)



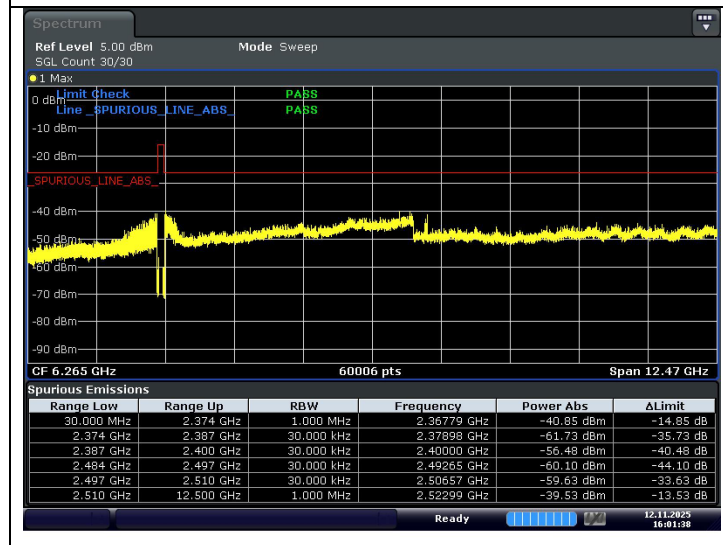
Test mode:
GFSK (AFH)



Test mode:
8DPSK (NON AFH)

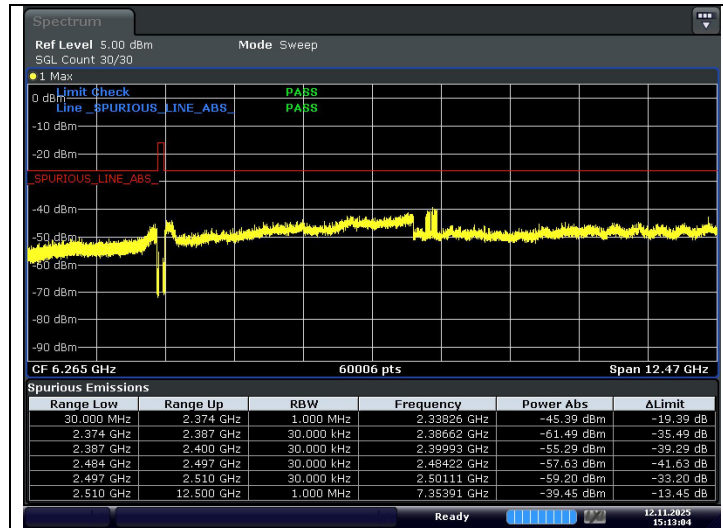


Test mode:
8DPSK (AFH)

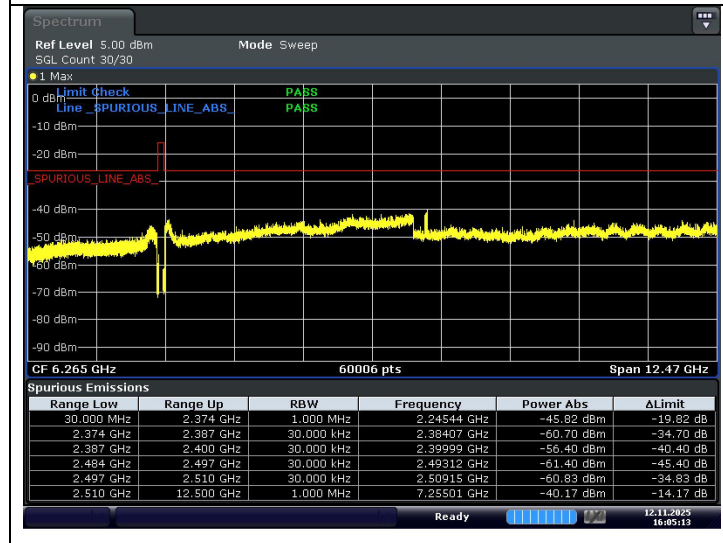


Normal voltage

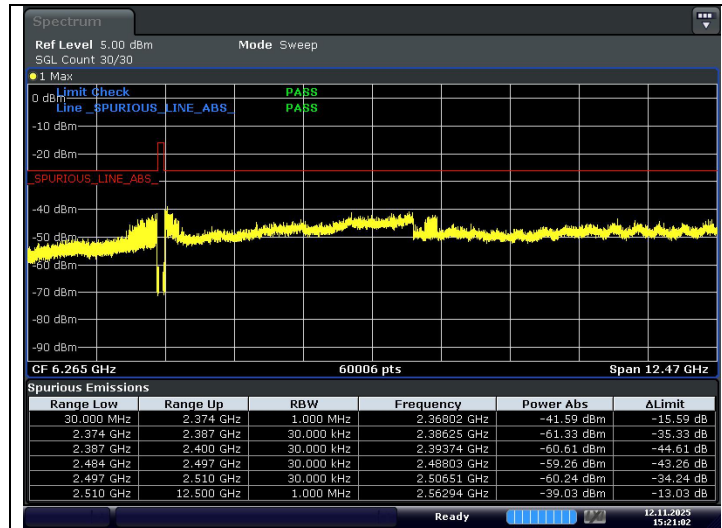
Test mode:
GFSK (NON AFH)



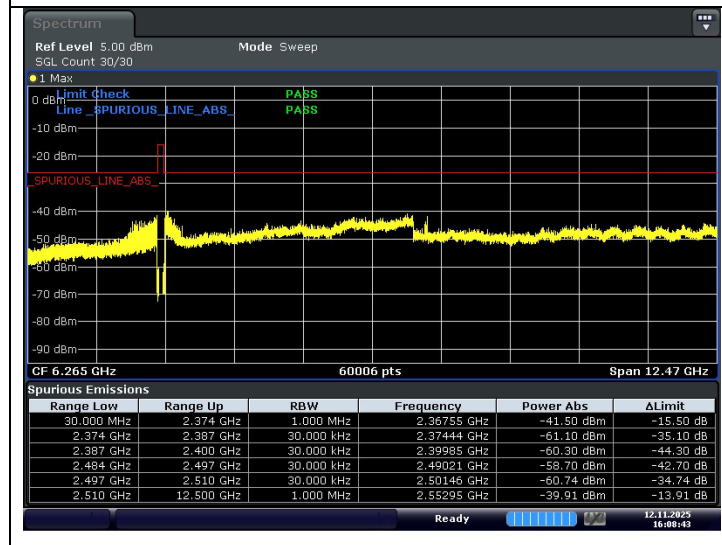
Test mode:
GFSK (AFH)



Test mode:
8DPSK (NON AFH)

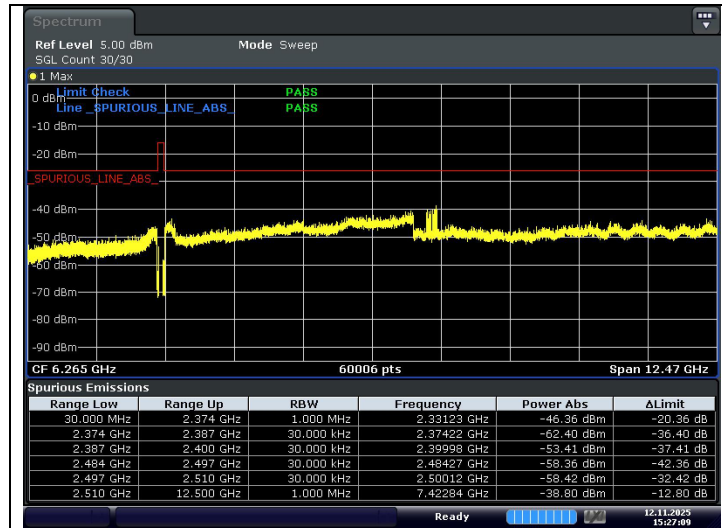


Test mode:
8DPSK (AFH)

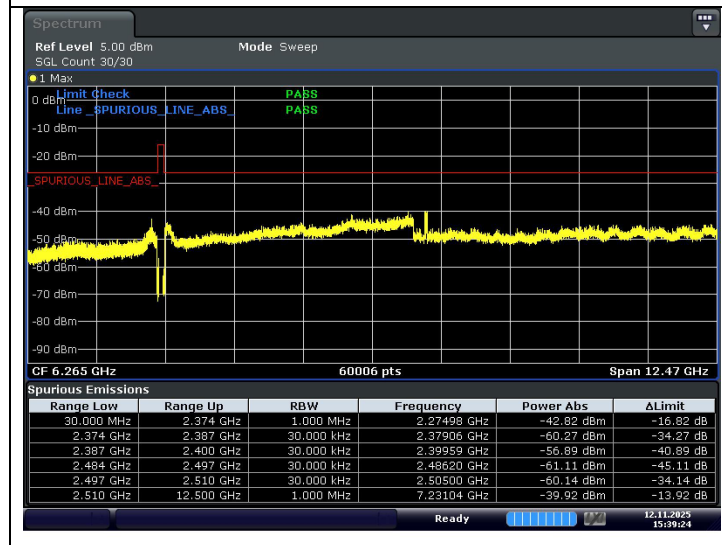


High voltage

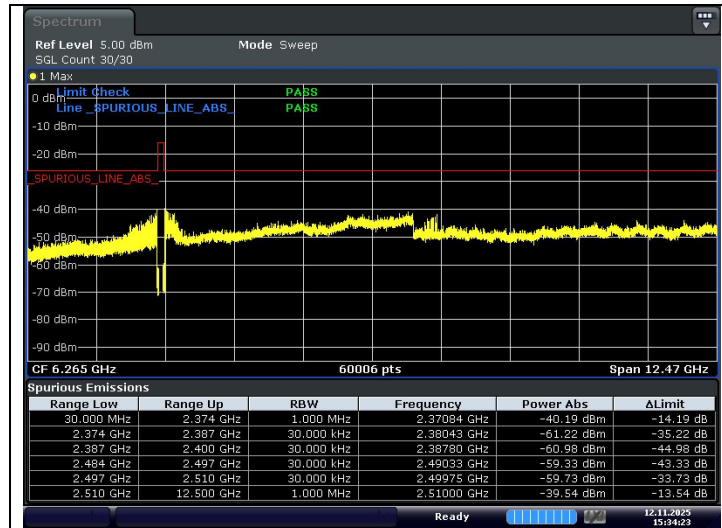
Test mode:
GFSK (NON AFH)



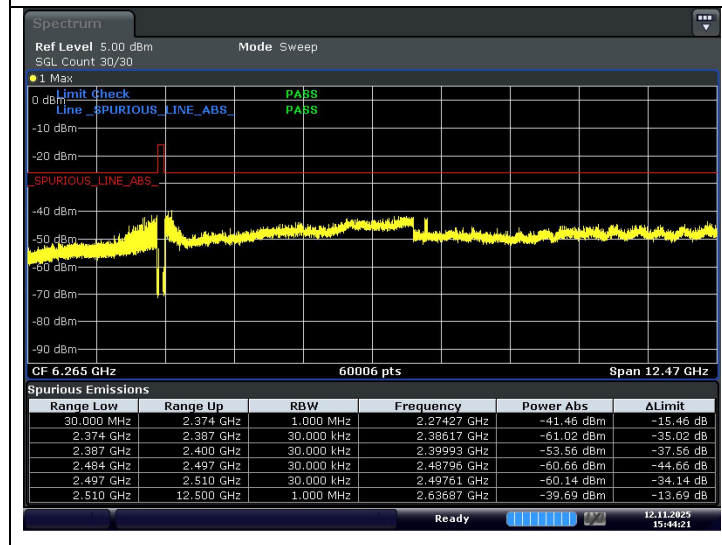
Test mode:
GFSK (AFH)



Test mode:
8DPSK (NON AFH)

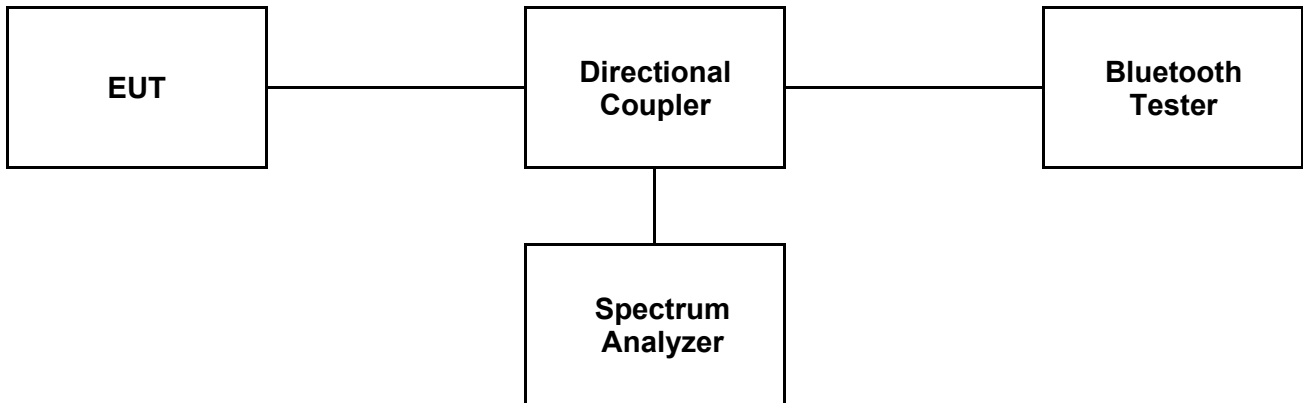


Test mode:
8DPSK (AFH)



5. Antenna Power

5.1. Test Setup



5.2. Limit

The difference between measured output power and the rated output power shall be within a tolerance of +20 % or less. In addition, the rated output power shall not be over the limits shown below.

Limit (rated output power, upper limit)

- BDR, EDR: 3 mW/MHz or less

5.3. Test Procedure

1. Connect transmitter output to the spectrum analyzer input port.
2. Configure the EUT
 - Hopping over all channels
 - Maximum payload size (BDR: DH5, EDR: 3DH5)
3. Set the spectrum analyzer as below;

[Setting 1] – Search for peak power frequency according to below settings.

Center frequency:	BDR, EDR	2 441 MHz
Span:	BDR, EDR	100 MHz
RBW:		1 MHz
VBW:		3 MHz
Sweep time:		Auto
Sweep data points:		1 001 or greater
Detector mode:		Positive peak
Indication mode:		Max hold

Find the frequency of maximum transmitted power.

[Setting 2] – Measurement of average antenna power according to below settings.

Center frequency:	Frequency of peak power found using [Setting 1]
Span:	0 Hz
RBW:	3 MHz
VBW:	3 MHz
Detector mode:	Sample
Sweep time:	Minimum time required to make an accurate measurement. For burst type (intermittent) transmission, sweep time shall be greater than one burst interval.
Sweep data points:	1 001 or greater

Measure the Average Burst Power of the frequency.

3. After configuring the spectrum analyzer to [Setting 1], find the frequency of maximum transmitted power.
4. After configuring the spectrum analyzer to [Setting 2], measure the Average Burst Power of the frequency Found in (3)

5.4. Test result

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

Low voltage

Test Voltage (V)		GFSK (NON AFH)	GFSK (AFH)	8DPSK (NON AFH)	8DPSK (AFH)
V _{min} = 3.465	Average Burst Power (mW)	16.405 898	17.139 573	11.091 748	11.168 632
	Average Burst Power (dB m)	12.15	12.34	10.45	10.48
	Spread Bandwidth (MHz)	71.13	18.06	71.29	18.22
	Antenna Power (mW/MHz)	0.230 647	0.949 035	0.155 586	0.612 987
	Rated Output Power (mW/MHz)	0.300	1.100	0.300	1.100
	Power Tolerance (%)	-23.12	-13.72	-48.14	-44.27

Normal voltage

Test Voltage (V)		GFSK (NON AFH)	GFSK (AFH)	8DPSK (NON AFH)	8DPSK (AFH)
V _{nor} = 3.850	Average Burst Power (mW)	16.519 618	17.179 084	10.665 961	11.376 273
	Average Burst Power (dB m)	12.18	12.35	10.28	10.56
	Spread Bandwidth (MHz)	71.29	18.06	71.13	18.38
	Antenna Power (mW/MHz)	0.231 724	0.951 223	0.149 950	0.618 948
	Rated Output Power (mW/MHz)	0.300	1.100	0.300	1.100
	Power Tolerance (%)	-22.76	-13.53	-50.02	-43.73

High voltage

Test Voltage (V)		GFSK (NON AFH)	GFSK (AFH)	8DPSK (NON AFH)	8DPSK (AFH)
V _{max} = 4.235	Average Burst Power (mW)	16.519 618	17.060 824	11.776 060	12.022 644
	Average Burst Power (dB m)	12.18	12.32	10.71	10.80
	Spread Bandwidth (MHz)	71.13	18.06	71.29	18.22
	Antenna Power (mW/MHz)	0.232 245	0.944 675	0.165 185	0.659 860
	Rated Output Power (mW/MHz)	0.300	1.100	0.300	1.100
	Power Tolerance (%)	-22.59	-14.12	-44.94	-40.01

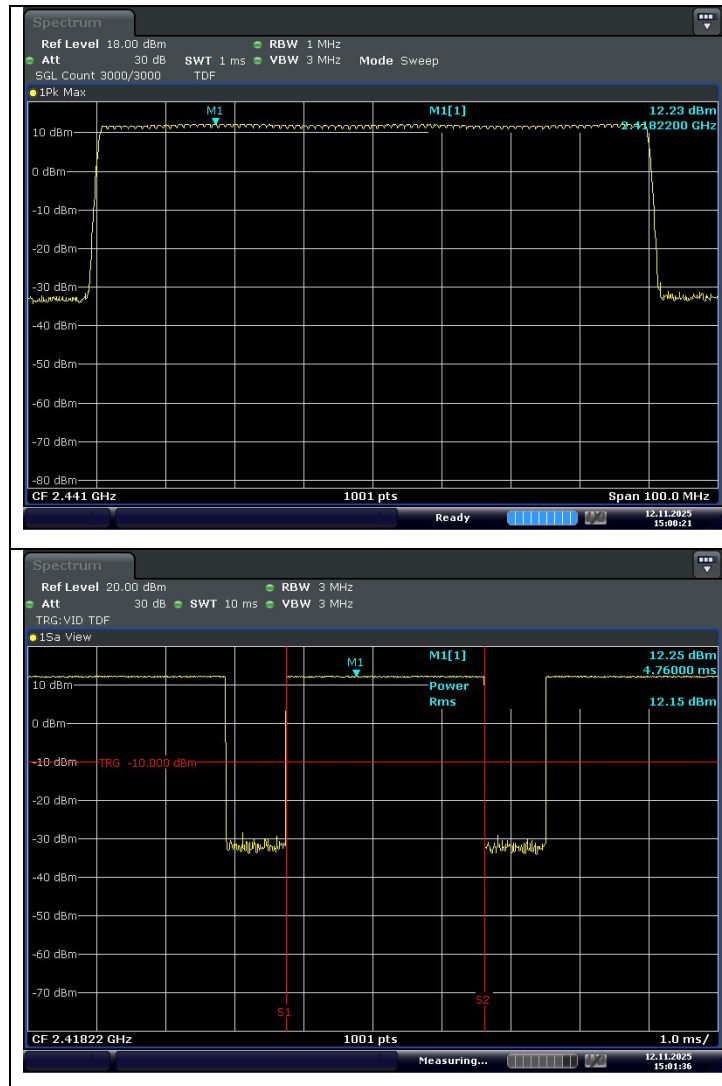
Note;

Antenna Power (mW/MHz) = Average Burst Power (mW) / Spread Bandwidth (MHz)

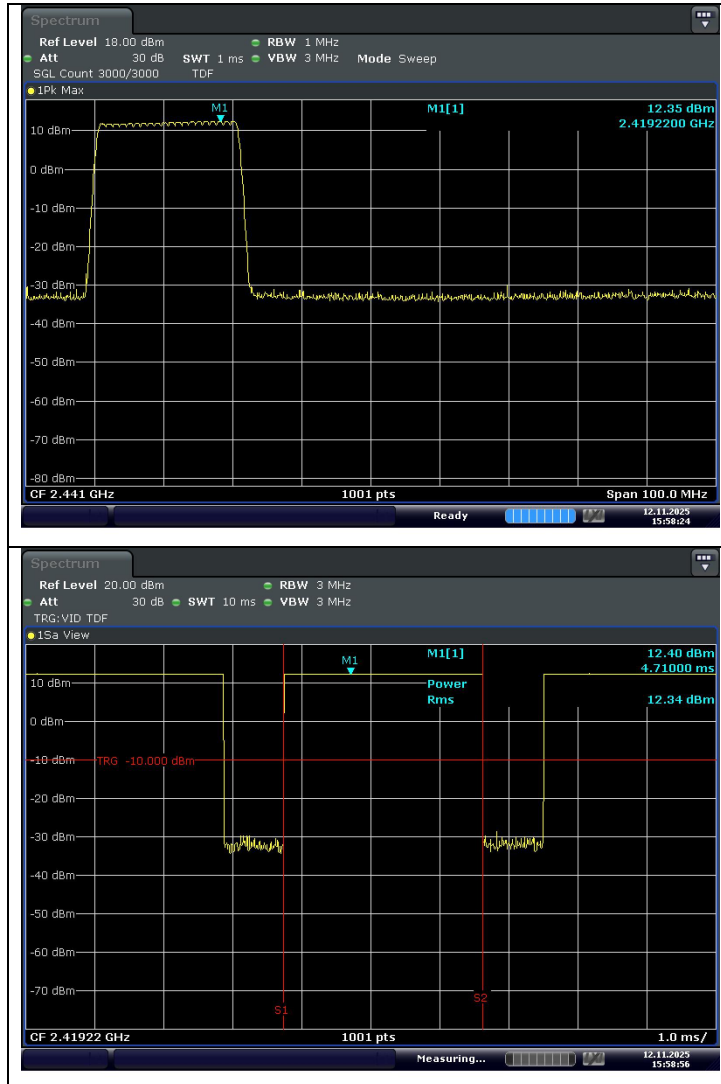
Power Tolerance (%) = {[Antenna Power (mW/MHz) - Rated Output Power (mW/MHz)] ÷ Rated Output Power (mW/MHz)} × 100

Low voltage

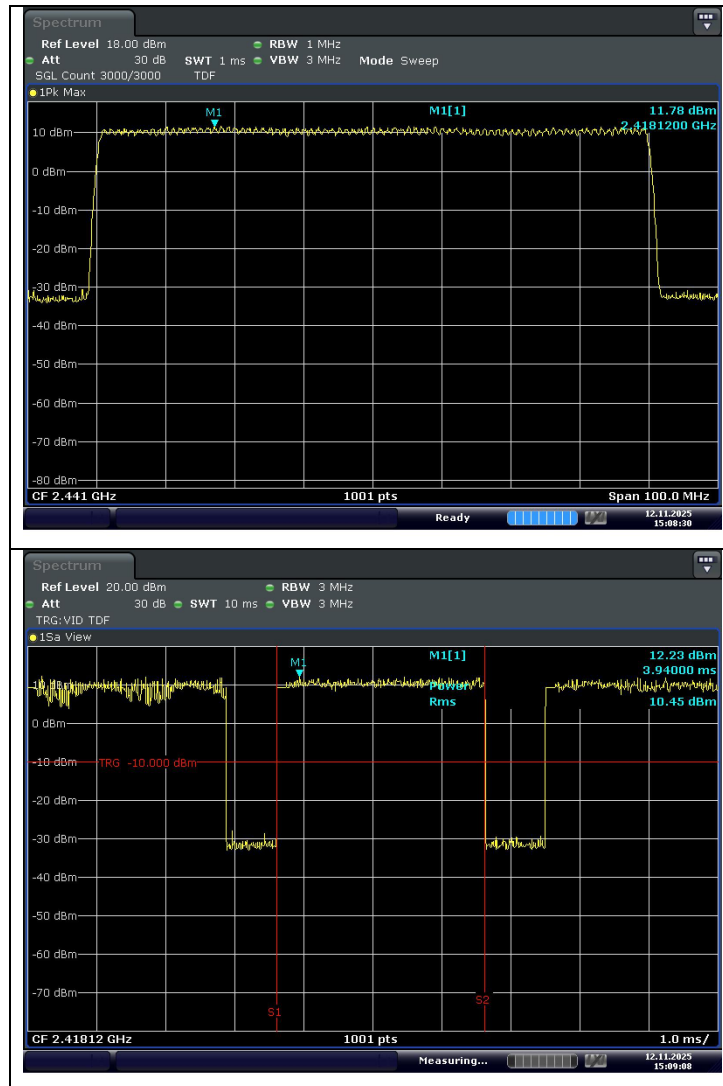
- Test mode: GFSK (NON AFH)



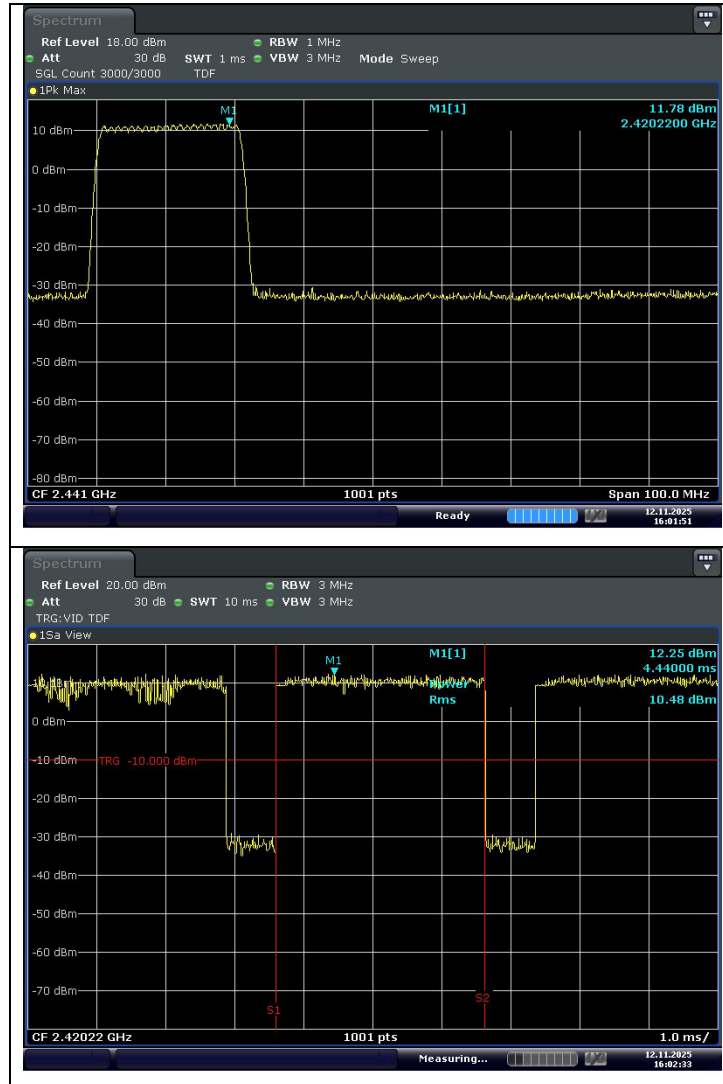
- Test mode: GFSK (AFH)



- Test mode: 8DPSK (NON AFH)

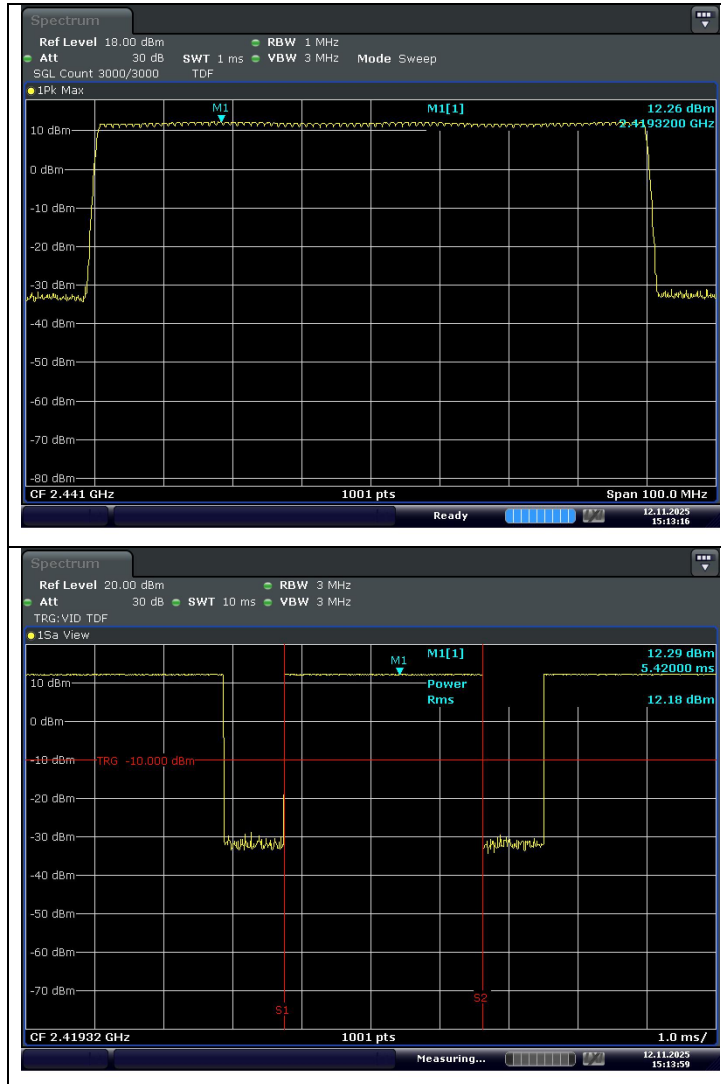


- Test mode: 8DPSK(AFH)

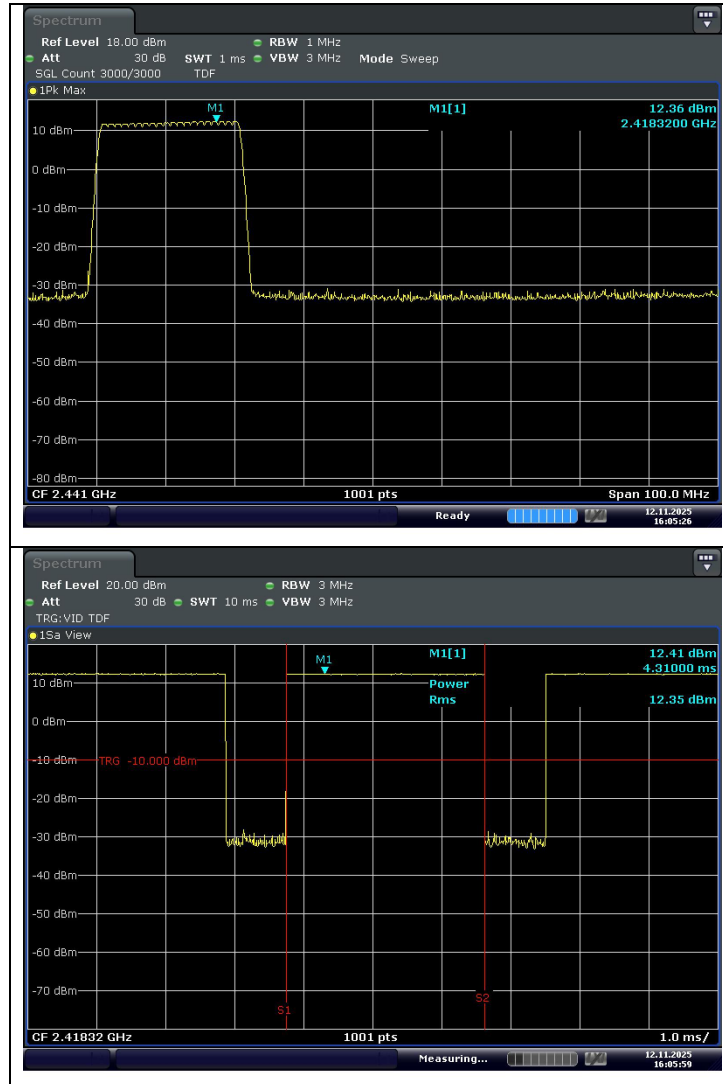


Normal voltage

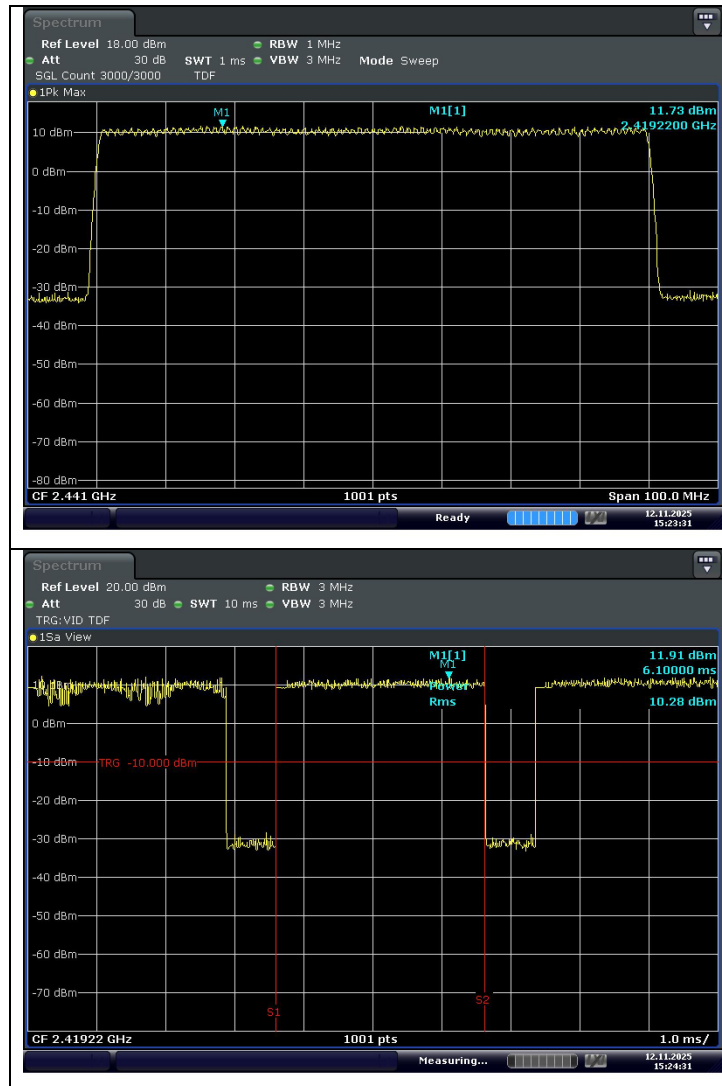
- Test mode: GFSK (NON AFH)



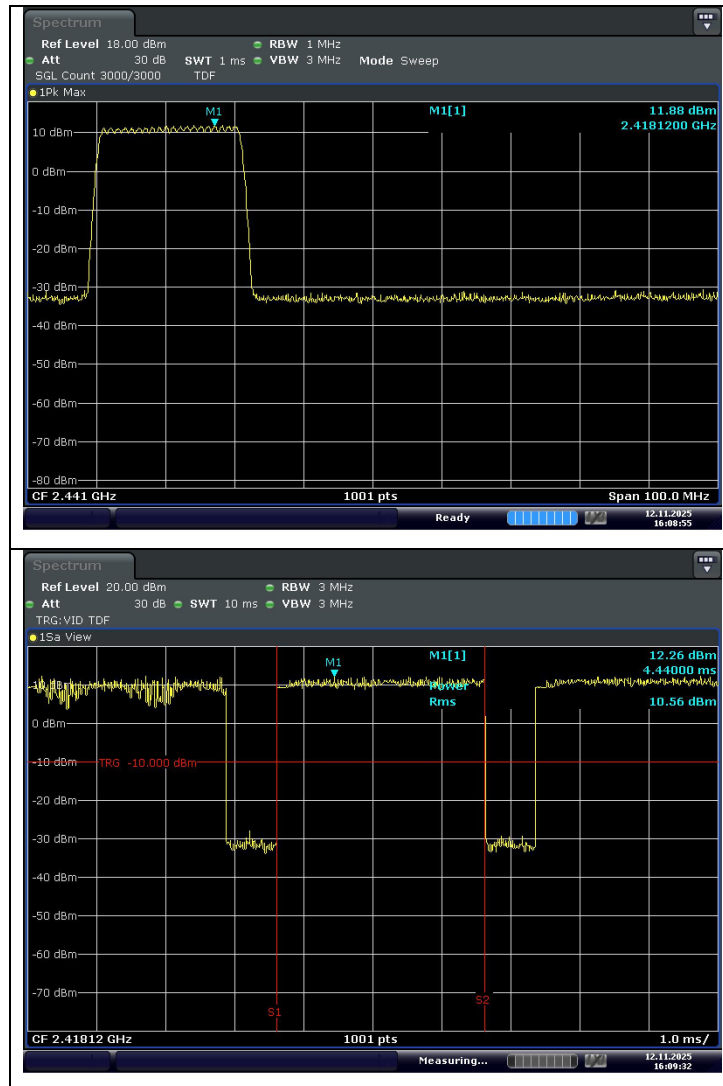
- Test mode: GFSK (AFH)



- Test mode: 8DPSK (NON AFH)

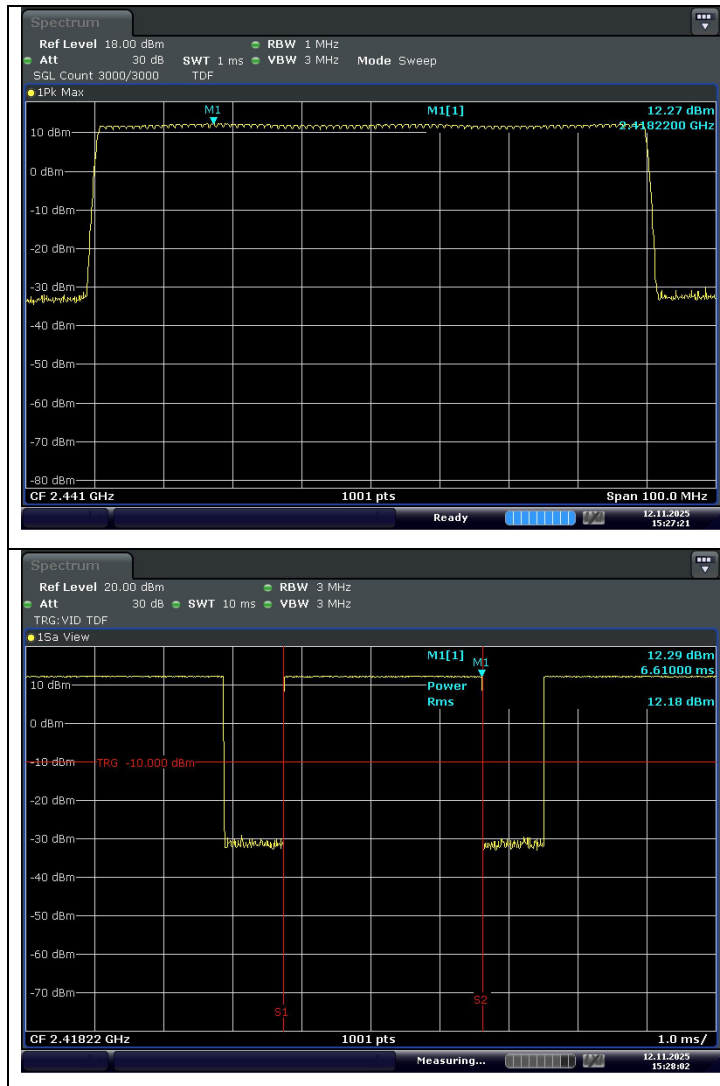


- Test mode: 8DPSK(AFH)

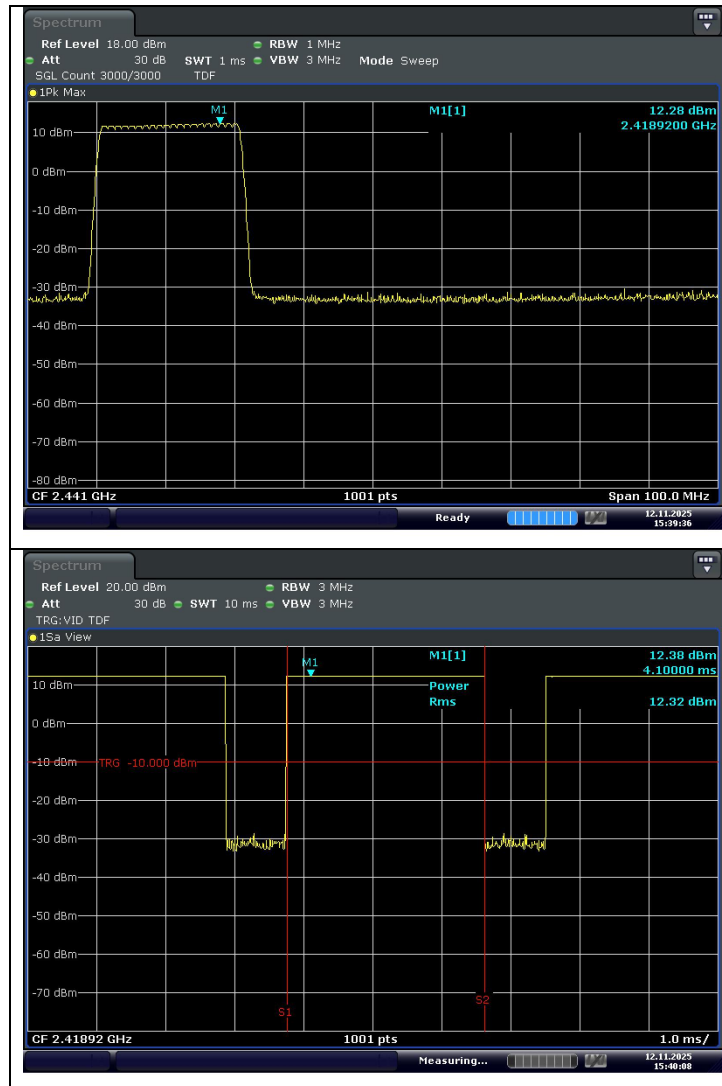


High voltage

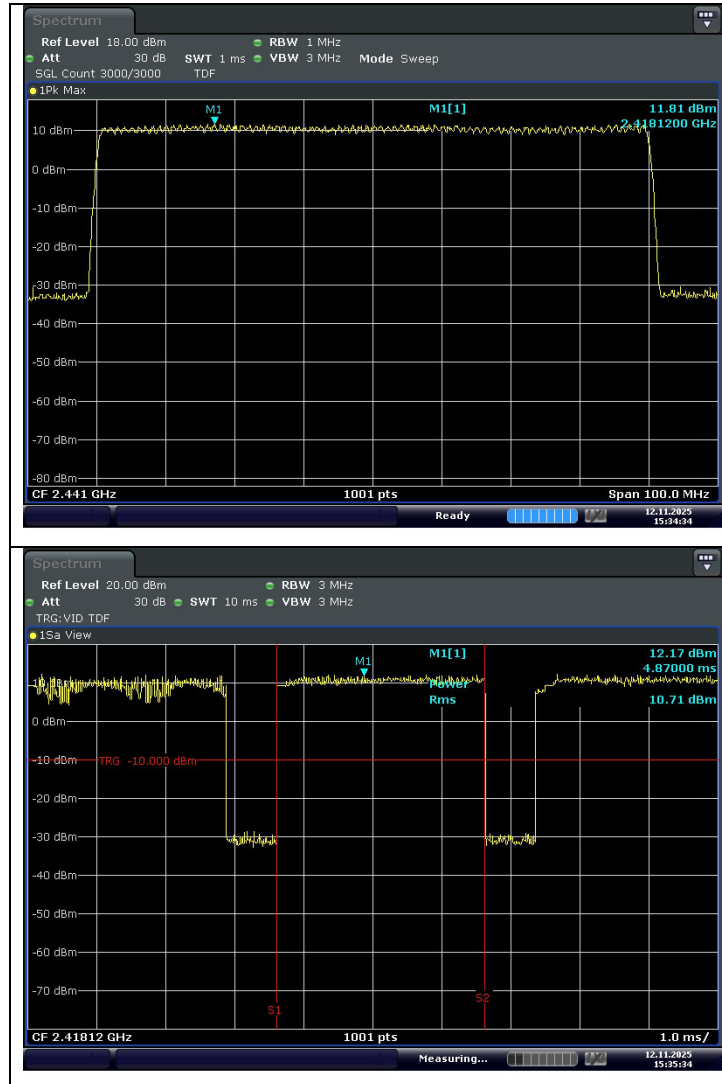
- Test mode: GFSK (NON AFH)



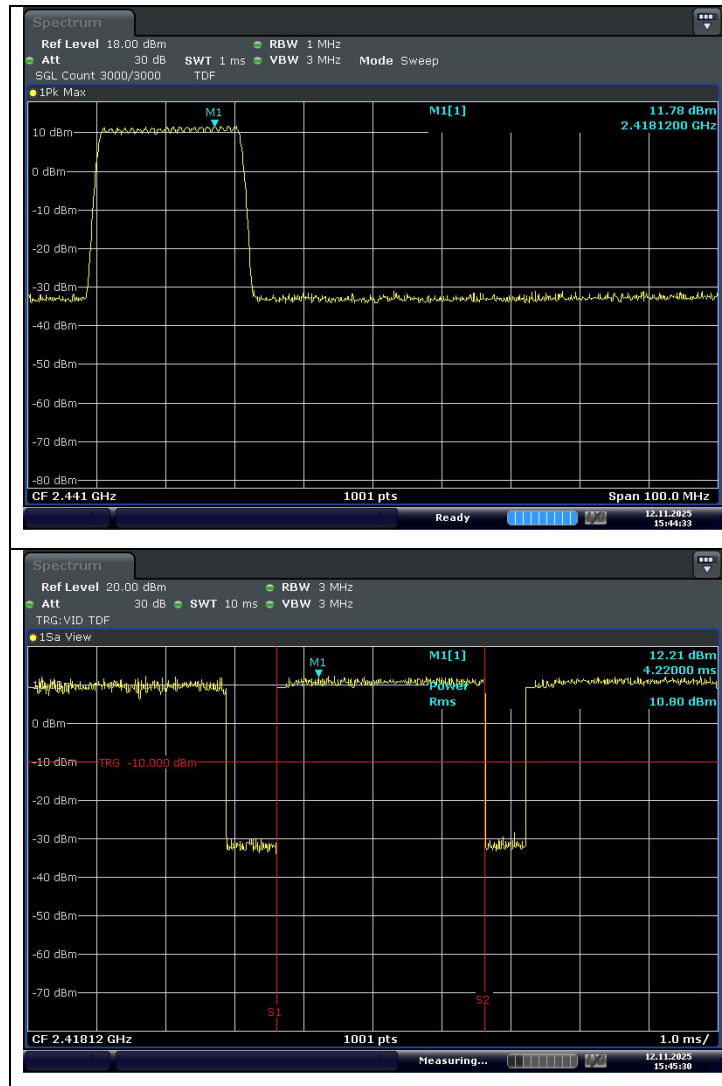
- Test mode: GFSK (AFH)



- Test mode: 8DPSK (NON AFH)

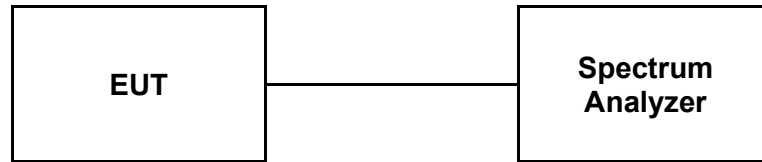


- Test mode: 8DPSK(AFH)



6. Secondary Radiated Emissions

6.1. Test Setup



6.2. Limit

Below 1 GHz: 4 nW (-54 dB m) or less
 Above 1 GHz: 20 nW (-47 dB m) or less

6.3. Test Procedure

1. Connect transmitter output to the spectrum analyzer input port.
2. The EUT should be receiver at low, high channel.
3. Secondary Radiated Emissions is measured by following setting:

[Setting 1]

Frequency range:	30 MHz - 12.5 GHz
RBW:	Below 1 GHz: 100 kHz Above 1 GHz: 1 MHz
VBW:	Below 1 GHz: 100 kHz Above 1 GHz: 1 MHz
Sweep time:	Auto
Sweep data points:	1 001 or greater
Detector mode:	Positive peak
Indication mode:	Max hold

[Setting 2]

Center Frequency:	Frequency of spurious emission found using [Setting 1]
Span:	0 Hz
RBW:	Below 1 GHz: 100 kHz Above 1 GHz: 1 MHz
VBW:	Below 1 GHz: 100 kHz Above 1 GHz: 1 MHz
Sweep time:	Auto
Sweep data points:	1 001 or greater
Detector mode:	Sample

4. Configure the spectrum analyzer to [Setting 1] and then search for spurious emissions in the range 30 MHz to 12.5 GHz. If the sweep range does not cover the required measurement frequency range then the measurement range will need to be divided into sufficient sections of size [RBW x Sweep Data Points].
5. If spurious emissions are found with an amplitude greater than [Limit – 10dB] then perform further detailed measurements as described in (6)
6. Configure the spectrum analyzer using [Setting 2] and measure the average signal amplitude. If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time.

6.4. Test result

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

Low voltage

- Test mode: GFSK

2 402 MHz

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{min} = 3.465	30 MHz to 1 000 MHz	820.719 75 MHz	0.001 321 nW/100 kHz	4 nW/100 kHz
			-88.79 dB m/100 kHz	-54 dB m/100 kHz
	1 000 MHz to 12.5 GHz	10 609.69 MHz	0.071 450 nW/MHz	20 nW/MHz
			-71.46 dB m/MHz	-47 dB m/MHz

2 480 MHz

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{min} = 3.465	30 MHz to 1 000 MHz	982.224 75 MHz	0.001 466 nW/100 kHz	4 nW/100 kHz
			-88.34 dB m/100 kHz	-54 dB m/100 kHz
	1 000 MHz to 12.5 GHz	10 630.96 MHz	0.071 614 nW/MHz	20 nW/MHz
			-71.45 dB m/MHz	-47 dB m/MHz

- Test mode: 8DPSK

2 402 MHz

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{min} = 3.465	30 MHz to 1 000 MHz	973.640 25 MHz	0.002 213 nW/100 kHz	4 nW/100 kHz
			-86.55 dB m/100 kHz	-54 dB m/100 kHz
	1 000 MHz to 12.5 GHz	12 414.61 MHz	0.060 256 nW/MHz	20 nW/MHz
			-72.20 dB m/MHz	-47 dB m/MHz

2 480 MHz

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
V _{min} = 3.465	30 MHz to 1 000 MHz	897.107 25 MHz	0.001 358 nW/100 kHz	4 nW/100 kHz
			-88.67 dB m/100 kHz	-54 dB m/100 kHz
	1 000 MHz to 12.5 GHz	6 822.16 MHz	0.081 096 nW/MHz	20 nW/MHz
			-70.91 dB m/MHz	-47 dB m/MHz

Normal voltage

- Test mode: GFSK

2 402 MHz

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
$V_{nor} = 3.850$	30 MHz to 1 000 MHz	105.150 75 MHz	0.029 648 nW/100 kHz	4 nW/100 kHz
			-75.28 dB m/100 kHz	-54 dB m/100 kHz
	1 000 MHz to 12.5 GHz	5 886.64 MHz	0.060 814 nW/MHz	20 nW/MHz
			-72.16 dB m/MHz	-47 dB m/MHz

2 480 MHz

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
$V_{nor} = 3.850$	30 MHz to 1 000 MHz	105.150 75 MHz	0.031 261 nW/100 kHz	4 nW/100 kHz
			-75.05 dB m/100 kHz	-54 dB m/100 kHz
	1 000 MHz to 12.5 GHz	11 879.86 MHz	0.062 806 nW/MHz	20 nW/MHz
			-72.02 dB m/MHz	-47 dB m/MHz

- Test mode: 8DPSK

2 402 MHz

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
$V_{nor} = 3.850$	30 MHz to 1 000 MHz	876.446 25 MHz	0.001 486 nW/100 kHz	4 nW/100 kHz
			-88.28 dB m/100 kHz	-54 dB m/100 kHz
	1 000 MHz to 12.5 GHz	10 693.64 MHz	0.067 298 nW/MHz	20 nW/MHz
			-71.72 dB m/MHz	-47 dB m/MHz

2 480 MHz

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
$V_{nor} = 3.850$	30 MHz to 1 000 MHz	977.908 25 MHz	0.001 390 nW/100 kHz	4 nW/100 kHz
			-88.57 dB m/100 kHz	-54 dB m/100 kHz
	1 000 MHz to 12.5 GHz	2 402.14 MHz	0.316 228 nW/MHz	20 nW/MHz
			-65.00 dB m/MHz	-47 dB m/MHz

High voltage

- Test mode: GFSK

2 402 MHz

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
$V_{\max} = 4.235$	30 MHz to 1 000 MHz	900.696 25 MHz	0.001 578 nW/100 kHz	4 nW/100 kHz
			-88.02 dB m/100 kHz	-54 dB m/100 kHz
	1 000 MHz to 12.5 GHz	3 694.16 MHz	0.120 781 nW/MHz	20 nW/MHz
			-69.18 dB m/MHz	-47 dB m/MHz

2 480 MHz

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
$V_{\max} = 4.235$	30 MHz to 1 000 MHz	911.608 75 MHz	0.001 422 nW/100 kHz	4 nW/100 kHz
			-88.47 dB m/100 kHz	-54 dB m/100 kHz
	1 000 MHz to 12.5 GHz	12 400.81 MHz	0.065 917 nW/MHz	20 nW/MHz
			-71.81 dB m/MHz	-47 dB m/MHz

- Test mode: 8DPSK

2 402 MHz

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
$V_{\max} = 4.235$	30 MHz to 1 000 MHz	991.294 25 MHz	0.001 352 nW/100 kHz	4 nW/100 kHz
			-88.69 dB m/100 kHz	-54 dB m/100 kHz
	1 000 MHz to 12.5 GHz	10 551.61 MHz	0.067 764 nW/MHz	20 nW/MHz
			-71.69 dB m/MHz	-47 dB m/MHz

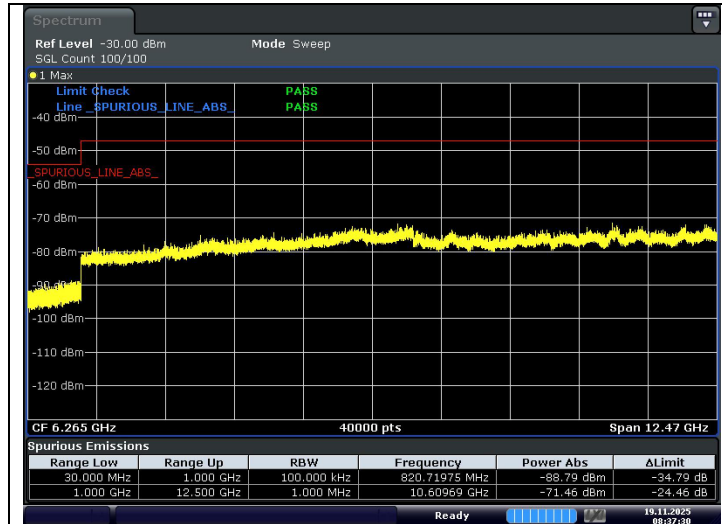
2 480 MHz

Test Voltage (V)	Frequency Range	Measured frequency	Measured level	Limit
$V_{\max} = 4.235$	30 MHz to 1 000 MHz	814.608 75 MHz	0.001 766 nW/100 kHz	4 nW/100 kHz
			-87.53 dB m/100 kHz	-54 dB m/100 kHz
	1 000 MHz to 12.5 GHz	2 426.29 MHz	0.067 453 nW/MHz	20 nW/MHz
			-71.71 dB m/MHz	-47 dB m/MHz

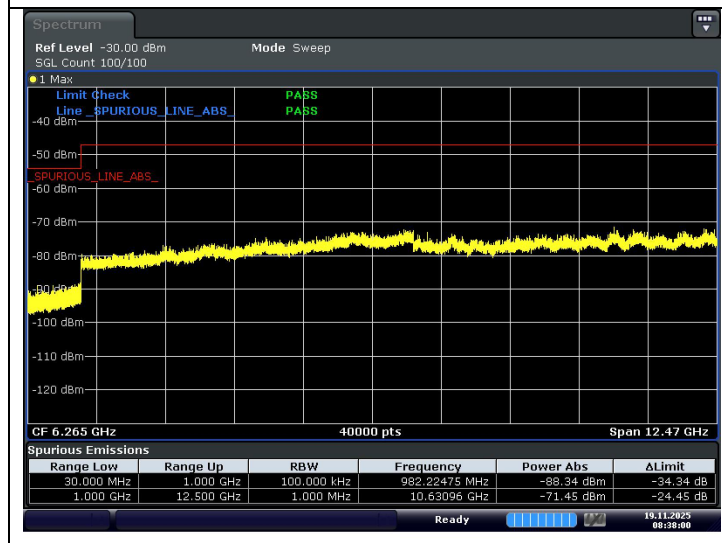
Low voltage

- Test mode: GFSK

2 402 MHz

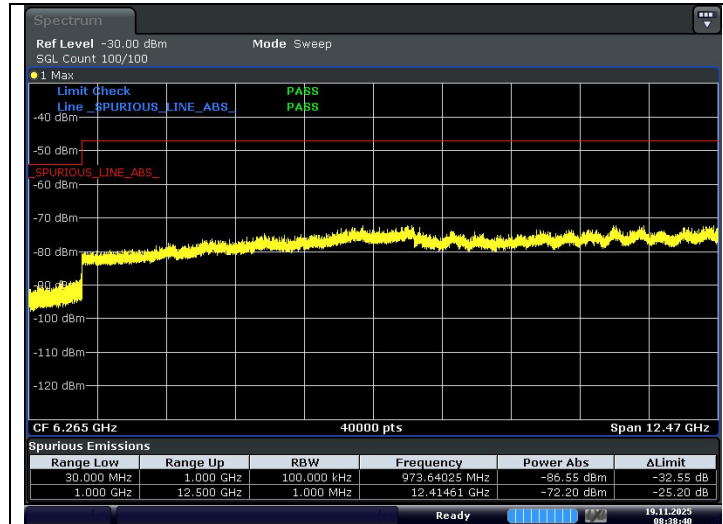


2 480 MHz

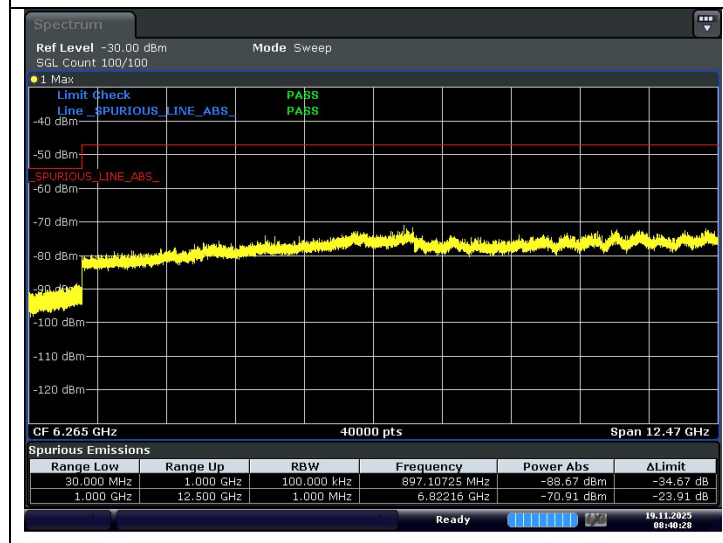


- Test mode: 8DPSK

2 402 MHz



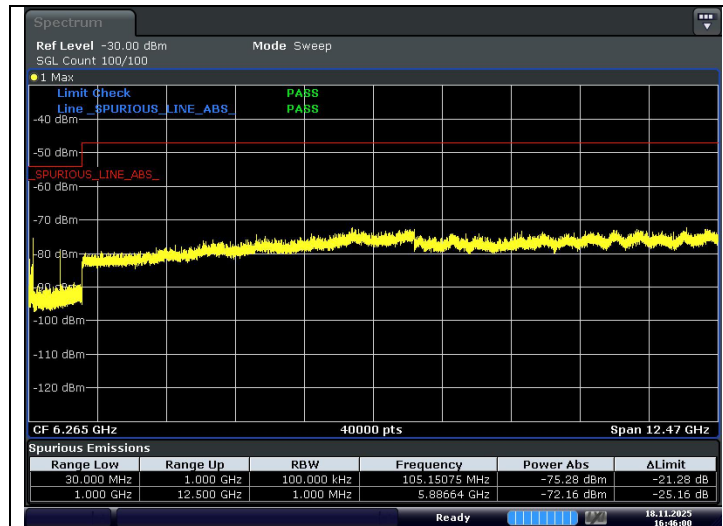
2 480 MHz



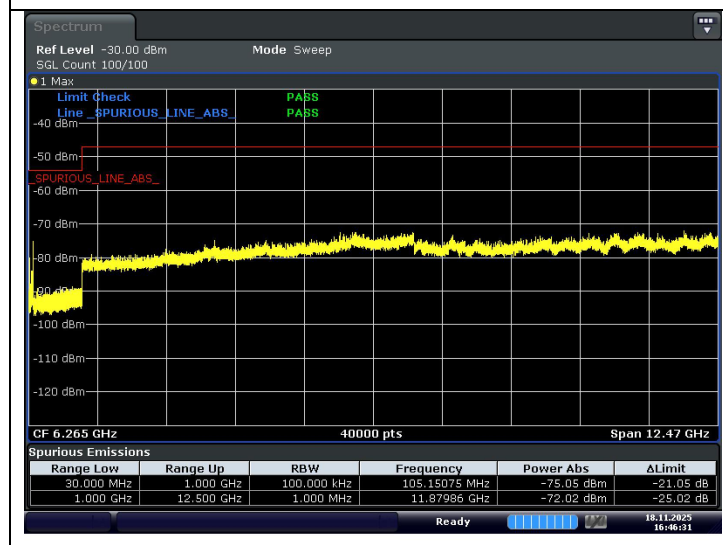
Normal voltage

- Test mode: GFSK

2 402 MHz

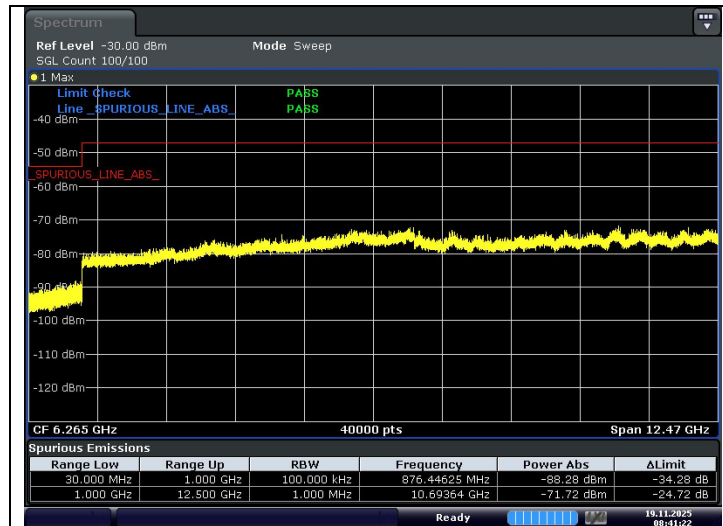


2 480 MHz

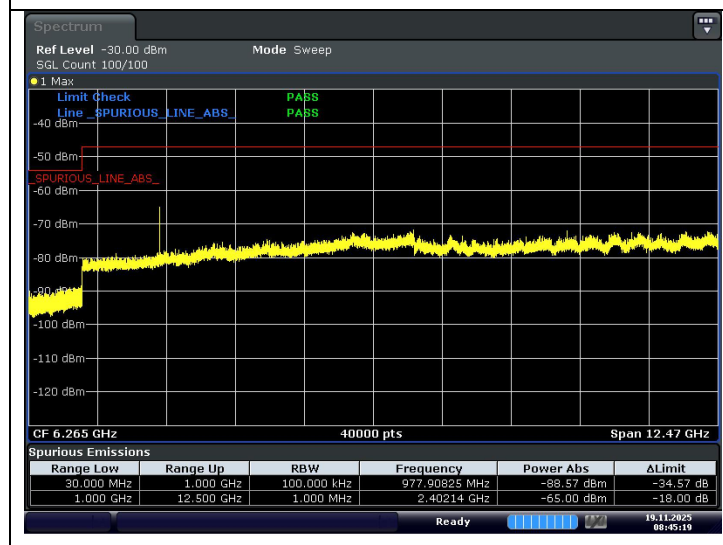


- Test mode: 8DPSK

2 402 MHz



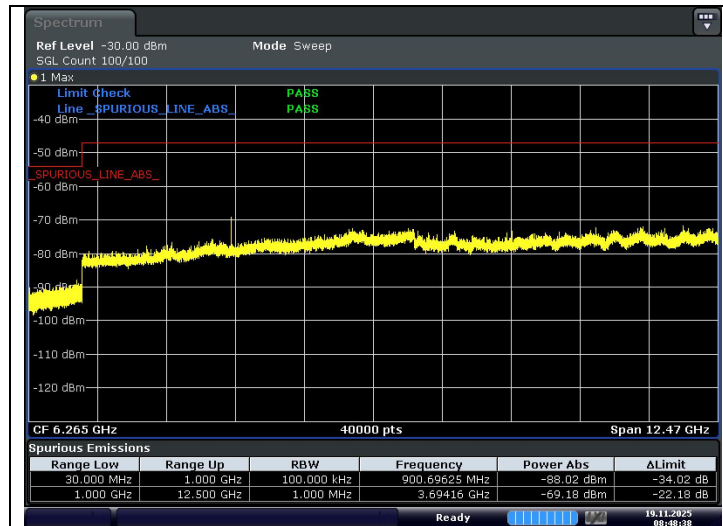
2 480 MHz



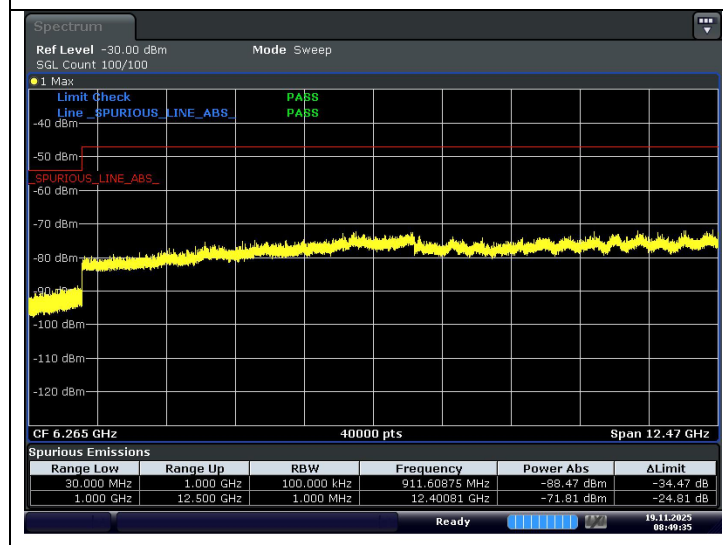
High voltage

- Test mode: GFSK

2 402 MHz

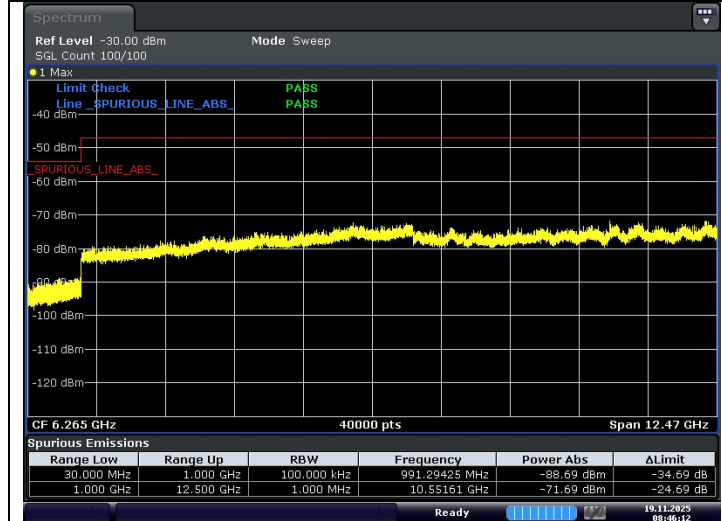


2 480 MHz

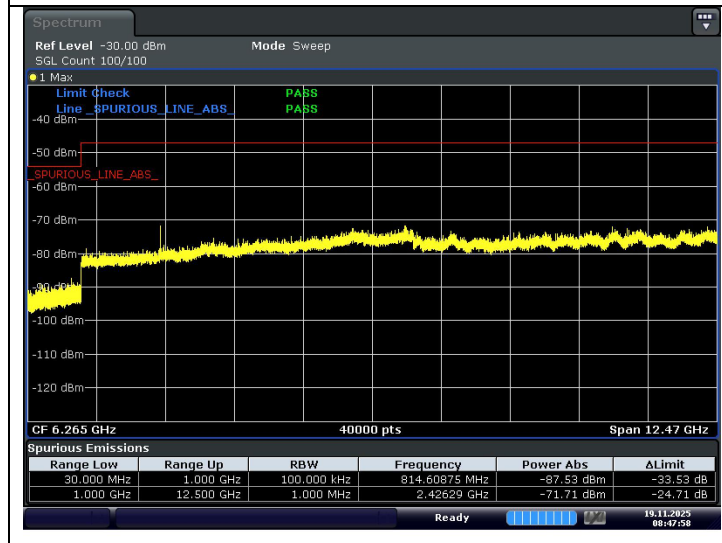


- Test mode: 8DPSK

2 402 MHz

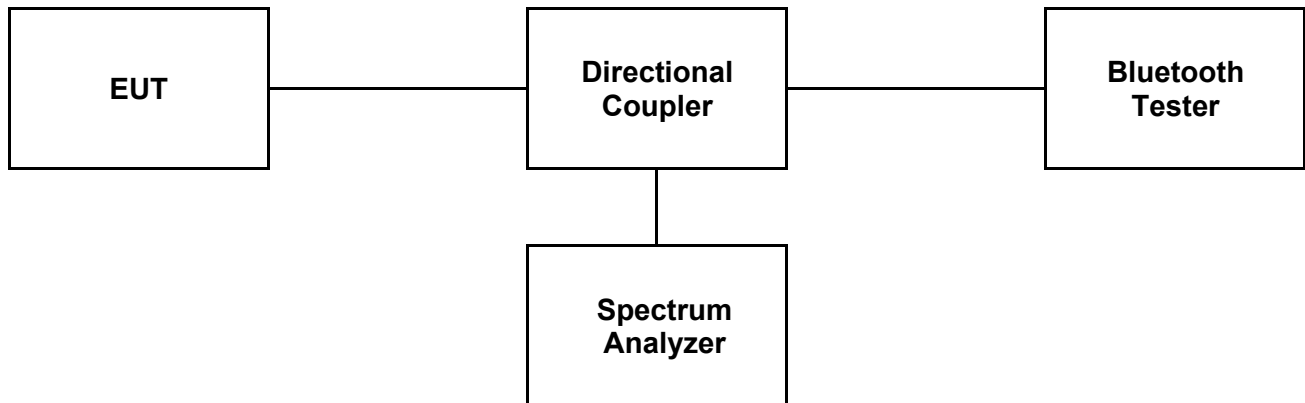


2 480 MHz



7. Dwell Time

7.1. Test Setup



7.2. Limit

- Transmit ON Time shall be less than 0.4 seconds
- Total Dwell Time shall be less than 0.4 seconds

7.3. Test Procedure

1. Configure the spectrum analyzer to below

Frequency:	NON AFH	2 441 MHz
	AFH	Test frequency
Span:		0 Hz
RBW:		1 MHz
VBW:		1 MHz
Sweep data points:		1 001 or greater
Trigger:		Video trigger
Detection mode:		Positive peak

Measure the Burst Cycle and Transmit ON time

7.4. Test result

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

Low voltage

Test Voltage (V)		Packet Type	Total Dwell Time (ms)	Limit (ms)
V _{min} = 3.465	GFSK (NON AFH)	DH5	276.60	400
	GFSK (AFH)	DH5	277.40	400
	8DPSK (NON AFH)	3DH5	278.18	400
	8DPSK (AFH)	3DH5	280.83	400

Total Dwell Time,

GFSK (NON AFH) : $(0.4 * 71.13 * 2.88) / (3.75 * 79) = 276.60$ (ms)
 GFSK (AFH) : $(0.4 * 18.06 * 2.88) / (3.75 * 20) = 277.40$ (ms)
 8DPSK (NON AFH) : $(0.4 * 71.29 * 2.89) / (3.75 * 79) = 278.18$ (ms)
 8DPSK (AFH) : $(0.4 * 18.22 * 2.89) / (3.75 * 20) = 280.83$ (ms)

Normal voltage

Test Voltage (V)		Packet Type	Total Dwell Time (ms)	Limit (ms)
V _{nor} = 3.850	GFSK (NON AFH)	DH5	277.22	400
	GFSK (AFH)	DH5	277.40	400
	8DPSK (NON AFH)	3DH5	277.56	400
	8DPSK (AFH)	3DH5	283.30	400

Total Dwell Time,

GFSK (NON AFH) : $(0.4 * 71.29 * 2.88) / (3.75 * 79) = 277.22$ (ms)
 GFSK (AFH) : $(0.4 * 18.06 * 2.88) / (3.75 * 20) = 277.40$ (ms)
 8DPSK (NON AFH) : $(0.4 * 71.13 * 2.89) / (3.75 * 79) = 277.56$ (ms)
 8DPSK (AFH) : $(0.4 * 18.38 * 2.89) / (3.75 * 20) = 283.30$ (ms)

High voltage

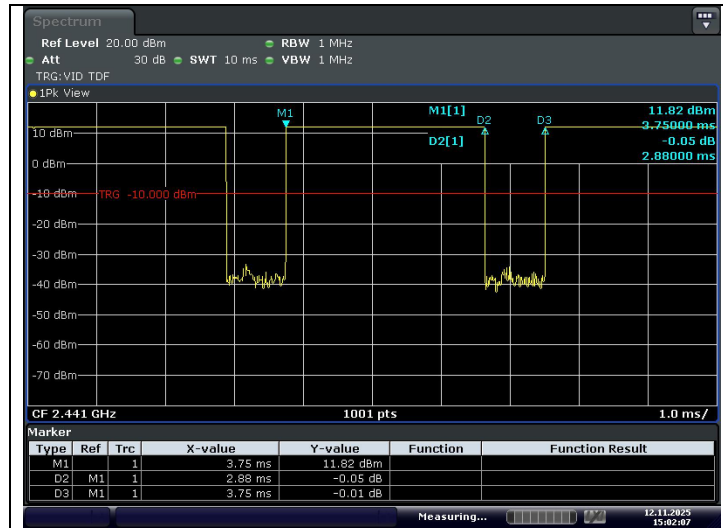
Test Voltage (V)		Packet Type	Total Dwell Time (ms)	Limit (ms)
$V_{\max} = 4.235$	GFSK (NON AFH)	DH5	276.60	400
	GFSK (AFH)	DH5	277.40	400
	8DPSK (NON AFH)	3DH5	278.18	400
	8DPSK (AFH)	3DH5	280.83	400

Total Dwell Time,

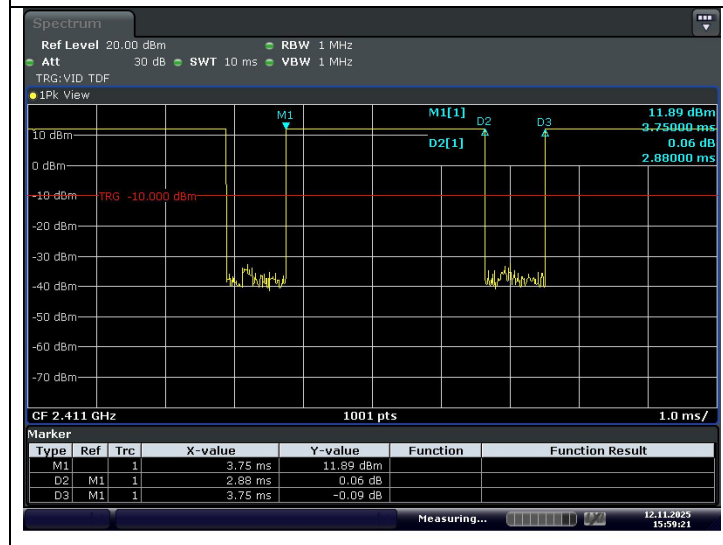
$$\begin{aligned}
 \text{GFSK (NON AFH)} &: (0.4 * 71.13 * 2.88) / (3.75 * 79) = 276.60 \text{ (ms)} \\
 \text{GFSK (AFH)} &: (0.4 * 18.06 * 2.88) / (3.75 * 20) = 277.40 \text{ (ms)} \\
 \text{8DPSK (NON AFH)} &: (0.4 * 71.29 * 2.89) / (3.75 * 79) = 278.18 \text{ (ms)} \\
 \text{8DPSK (AFH)} &: (0.4 * 18.22 * 2.89) / (3.75 * 20) = 280.83 \text{ (ms)}
 \end{aligned}$$

Low voltage

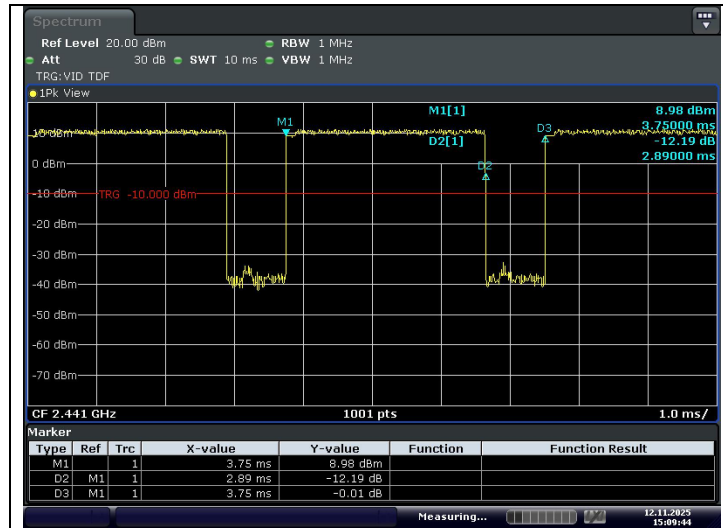
Test mode:
GFSK (NON AFH)



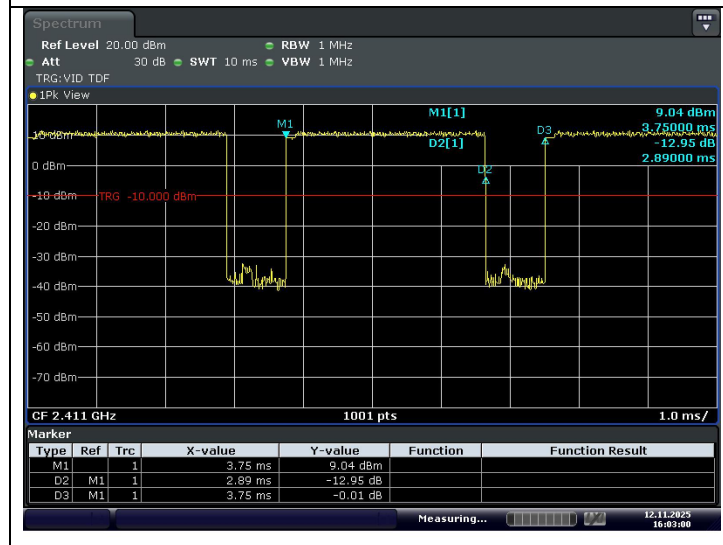
Test mode:
GFSK (AFH)



Test mode:
8DPSK (NON AFH)

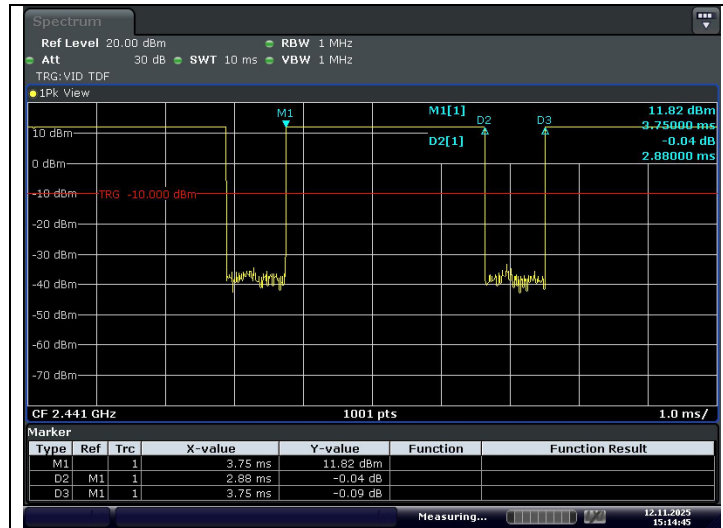


Test mode:
8DPSK (AFH)

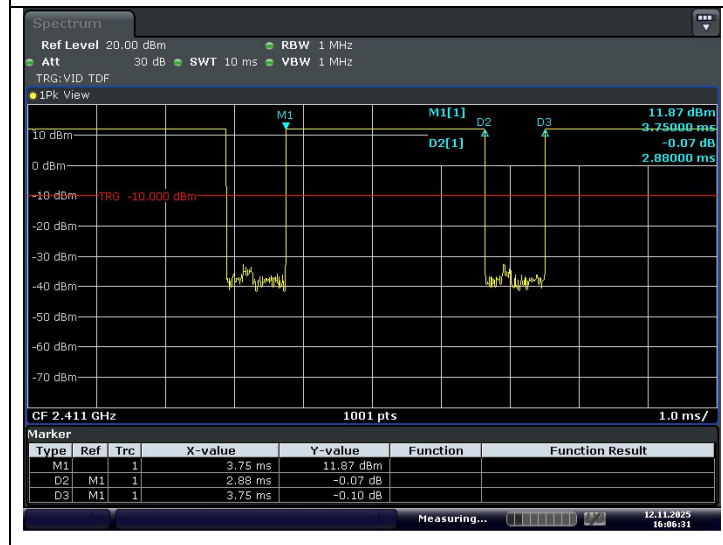


Normal voltage

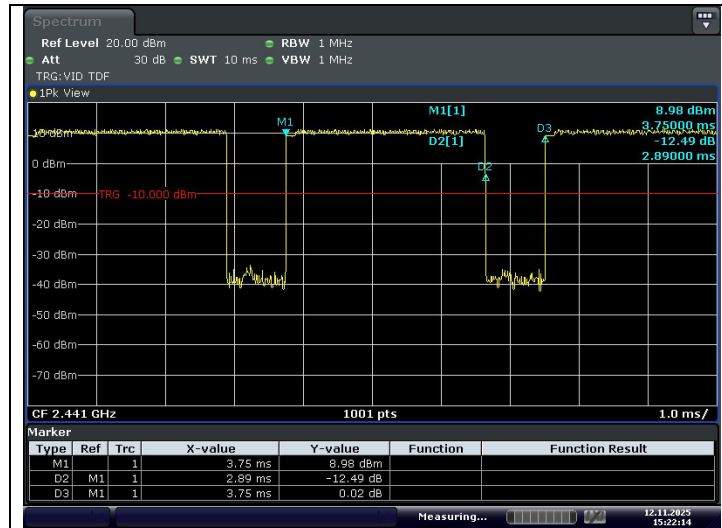
Test mode:
GFSK (NON AFH)



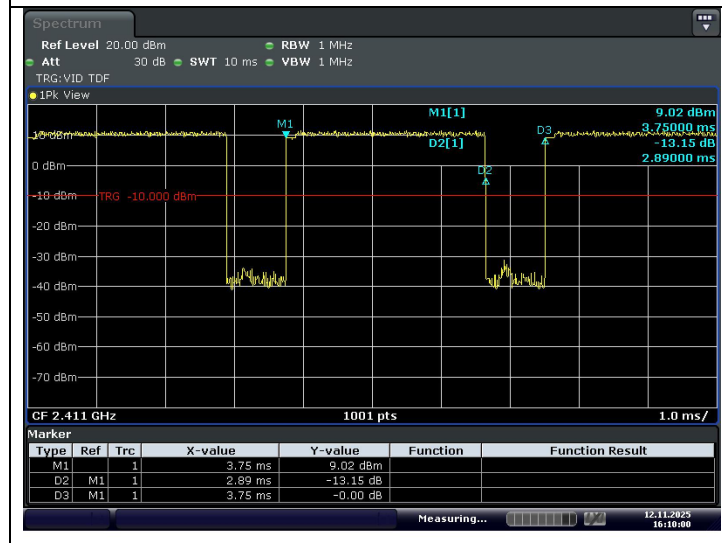
Test mode:
GFSK (AFH)



Test mode:
8DPSK (NON AFH)

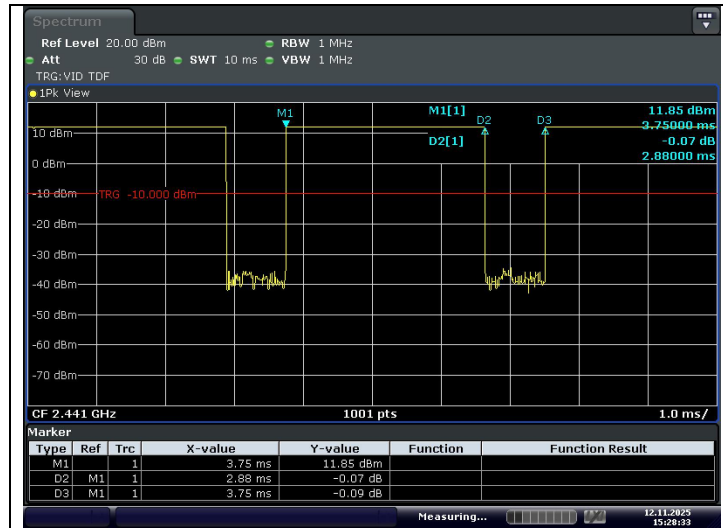


Test mode:
8DPSK (AFH)

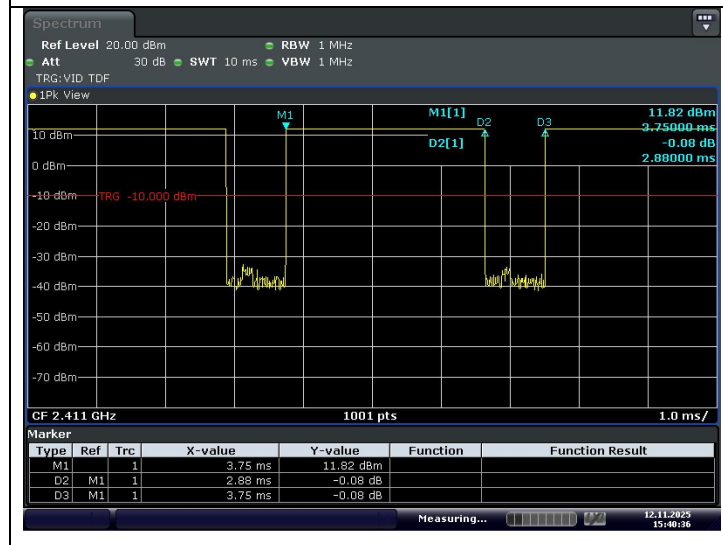


High voltage

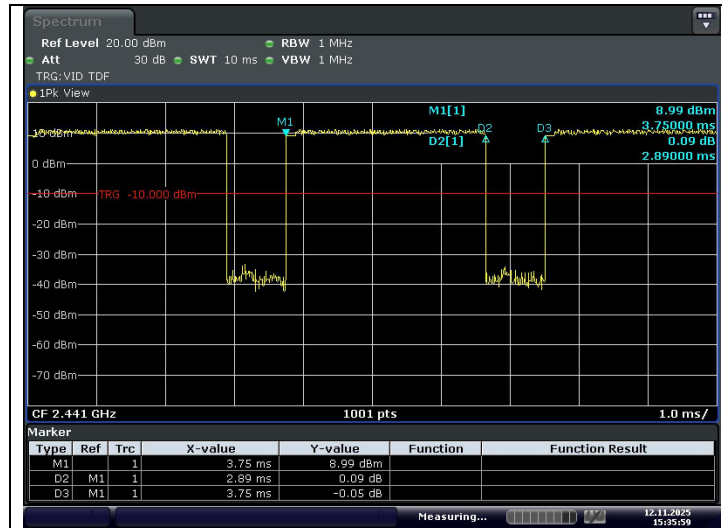
Test mode:
GFSK (NON AFH)



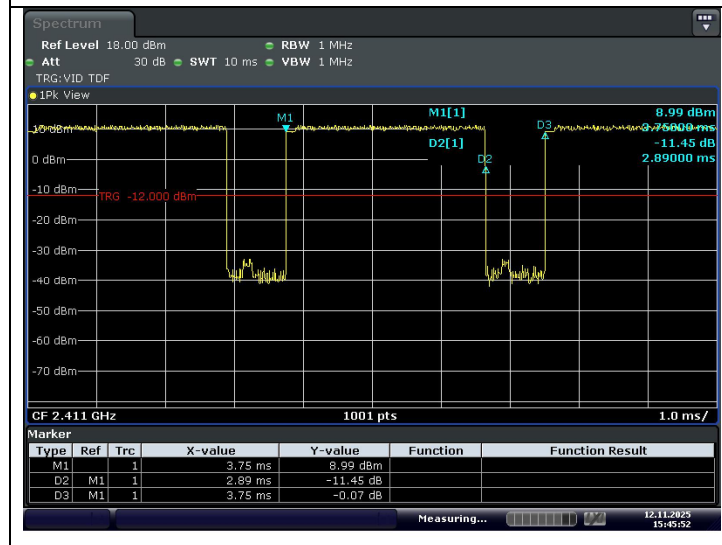
Test mode:
GFSK (AFH)



Test mode:
8DPSK (NON AFH)



Test mode:
8DPSK (AFH)



8. Interference Prevention Function

8.1. Test Procedure

- (1) For EUTs capable of automatically transmitting identification data
 - a. Transmit identification data from EUT to Demodulator
 - b. Confirm identification data is correctly received by Demodulator
- (2) For EUTs capable of automatically receiving identification data
 - c. Transmit identification data from Link Partner to EUT
 - d. Confirm communication link is established
 - e. Link Partner shall respond by transmitting different identification data back to the EUT
 - f. Confirm EUT stops transmitting, or confirm EUT recognizes that the two identification data are different

8.2. Test Result

The unit does meet the requirements. (Pass)

- End of the Test Report -