



**FCC PART 15C  
TEST REPORT  
No. I18Z62006-IOT01**

**for**

**Wiko SAS**

**smart phone**

**Model Name: W-U300**

**FCC ID: 2AM86WU300AS**

**with**

**Hardware Version: V1.0**

**Software Version: W-U300-V01.28**

**Issued Date: 2018-12-10**



**Note:**

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## **REPORT HISTORY**

| Report Number   | Revision | Description | Issue Date |
|-----------------|----------|-------------|------------|
| I18Z62006-IOT01 | Rev.0    | 1st edition | 2018-12-10 |

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## 1. Test Laboratory

### 1.1. Testing Location

Conducted testing Location: CTTL(huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing,  
P. R. China100191

Radiated testing Location: CTTL(BDA)

Address: No.18A, Kangding Street, Beijing Economic-Technology  
Development Area, Beijing, P. R. China 100176

### 1.2. Testing Environment

Normal Temperature: 15-35℃

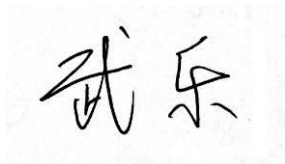
Relative Humidity: 20-75%

### 1.3. Project data

Testing Start Date: 2018-11-6

Testing End Date: 2018-11-27

### 1.4. Signature



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Wu Le

(Prepared this test report)



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Sun Zhenyu

(Reviewed this test report)



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Li Zhuofang

(Approved this test report)



## **2. Client Information**

### **2.1. Applicant Information**

Company Name: Wiko SAS  
Address /Post: 1, rue Capitaine Dessemond 13007 - Marseille - France.  
City: /  
Postal Code: /  
Country: France  
Telephone: 33488089515  
Fax: 33488089520

### **2.2. Manufacturer Information**

Company Name: Shenzhen Tinno Mobile Technology Corp.  
Address /Post: 4/F, H-3 Building, OCT Eastern industrial Park, No.1 XiangShan East Road., Nan Shan District, Shenzhen, P.R. China  
City: Shenzhen  
Postal Code: /  
Country: China  
Telephone: 0755-86095550  
Fax: 0755-86095551

### 3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

#### 3.1. About EUT

|                    |                           |
|--------------------|---------------------------|
| Description        | smart phone               |
| Model Name         | W-U300                    |
| FCC ID             | 2AM86WU300AS              |
| Frequency Band     | ISM 2400MHz~2483.5MHz     |
| Type of Modulation | GFSK/ $\pi/4$ DQPSK/8DPSK |
| Number of Channels | 79                        |
| Power Supply       | 3.8V DC by Battery        |

#### 3.2. Internal Identification of EUT

| EUT ID* | SN or IMEI      | HW Version | SW Version    |
|---------|-----------------|------------|---------------|
| EUT1    | 352798100013294 | V1.0       | W-U300-V01.28 |
| EUT2    | 352798100012916 | V1.0       | W-U300-V01.28 |

\*EUT ID: is used to identify the test sample in the lab internally.

#### 3.3. Internal Identification of AE

| AE ID* | Description |   |   |
|--------|-------------|---|---|
| AE1    | Battery     | / | / |
| AE2    | Charger     | / | / |
| AE3    | USB cable   | / | / |

##### AE1

|                 |                              |
|-----------------|------------------------------|
| Model           | C210AEBATT                   |
| Manufacturer    | Ningbo Veken Battery Co.,Ltd |
| Capacitance     | 2500mAh                      |
| Nominal voltage | 3.8V                         |

##### AE2

|                 |                                  |
|-----------------|----------------------------------|
| Model           | TN-050100U4A                     |
| Manufacturer    | Shenzhen BMT Electronics Co.,Ltd |
| Length of cable | /                                |

##### AE3

|                 |   |
|-----------------|---|
| Model           | / |
| Manufacturer    | / |
| Length of cable | / |

\*AE ID: is used to identify the test sample in the lab internally.

### **3.4. Normal Accessory setting**

Fully charged battery should be used during the test.

### **3.5. General Description**

The Equipment Under Test (EUT) is a model of smart phone with integrated antenna. It consists of normal options: lithium battery, charger. Manual and specifications of the EUT were provided to fulfill the test. Samples undergoing test were selected by the Client.



## **4. Reference Documents**

### **4.1. Documents supplied by applicant**

EUT feature information is supplied by the applicant or manufacturer, which is the basis of testing.

### **4.2. Reference Documents for testing**

The following documents listed in this section are referred for testing.

| <b>Reference</b> | <b>Title</b>                                                                                      | <b>Version</b> |
|------------------|---------------------------------------------------------------------------------------------------|----------------|
|                  | FCC CFR 47, Part 15, Subpart C:                                                                   |                |
|                  | 15.205 Restricted bands of operation;                                                             |                |
| FCC Part15       | 15.209 Radiated emission limits, general requirements;                                            | 2016           |
|                  | 15.247 Operation within the bands 902–928MHz,<br>2400–2483.5 MHz, and 5725–5850 MHz.              |                |
| ANSI C63.10      | American National Standard of Procedures for<br>Compliance Testing of Unlicensed Wireless Devices | June,2013      |

## 5. Test Results

### 5.1. Summary of Test Results

Abbreviations used in this clause:

**P** Pass, The EUT complies with the essential requirements in the standard.

**F** Fail, The EUT does not comply with the essential requirements in the standard

**NA** Not Applicable, The test was not applicable

**NP** Not Performed, The test was not performed by CTTL

| SUMMARY OF MEASUREMENT RESULTS            | Sub-clause             | Verdict   |
|-------------------------------------------|------------------------|-----------|
| Peak Output Power - Conducted             | 15.247 (b)(1)          | <b>P</b>  |
| Frequency Band Edges                      | 15.247 (d)             | <b>P</b>  |
| Transmitter Spurious Emission - Conducted | 15.247 (d)             | <b>P</b>  |
| Transmitter Spurious Emission - Radiated  | 15.247, 15.205, 15.209 | <b>P</b>  |
| Time of Occupancy (Dwell Time)            | 15.247 (a) (1)(iii)    | <b>P</b>  |
| 20dB Bandwidth                            | 15.247 (a)(1)          | <b>NA</b> |
| Carrier Frequency Separation              | 15.247 (a)(1)          | <b>P</b>  |
| Number of hopping channels                | 15.247 (a)(b)(iii)     | <b>P</b>  |
| AC Powerline Conducted Emission           | 15.107, 15.207         | <b>P</b>  |

Please refer to **ANNEX A** for detail.

The measurement is made according to ANSI C63.10.

### 5.2. Statements

CTTL has evaluated the test cases requested by the applicant /manufacturer as listed in section 5.1 of this report for the EUT specified in section 3 according to the standards or reference documents listed in section 4.2

## 6. Test Facilities Utilized

### Conducted test system

| No. | Equipment              | Model   | Serial Number | Manufacturer    | Calibration Period | Calibration Due date |
|-----|------------------------|---------|---------------|-----------------|--------------------|----------------------|
| 1   | Vector Signal Analyzer | FSQ26   | 200136        | Rohde & Schwarz | 1 year             | 2019-11-21           |
| 2   | Bluetooth Tester       | CBT32   | 100649        | Rohde & Schwarz | 1 year             | 2019-10-28           |
| 3   | LISN                   | ESH3-Z5 | 825562/028    | Rohde & Schwarz | 1 year             | 2019-01-31           |
| 4   | Test Receiver          | ESCI    | 100766        | Rohde & Schwarz | 1 year             | 2019-04-16           |
| 5   | Base Station Simulator | CMW500  | 159408        | R&S             | 1 year             | 2019-03-15           |
| 6   | Shielding Room         | S81     | /             | ETS-Lindgren    | /                  | /                    |

### Radiated emission test system

| No. | Equipment                         | Model    | Serial Number | Manufacturer    | Calibration Period | Calibration Due date |
|-----|-----------------------------------|----------|---------------|-----------------|--------------------|----------------------|
| 1   | Test Receiver                     | ESU26    | 100376        | Rohde & Schwarz | 1 year             | 2018-12-30           |
| 2   | BiLog Antenna                     | VULB9163 | 9163-514      | Schwarzbeck     | 3 years            | 2019-02-03           |
| 3   | Dual-Ridge Waveguide Horn Antenna | 3117     | 00139065      | ETS-Lindgren    | 3 years            | 2020-11-15           |
| 4   | Dual-Ridge Waveguide Horn Antenna | 3116     | 2663          | ETS-Lindgren    | 3 years            | 2020-05-31           |
| 5   | Vector Signal Analyzer            | FSV      | 101047        | Rohde & Schwarz | 1 year             | 2019-07-21           |
| 6   | Base Station Simulator            | CMW500   | 159408        | R&S             | 1 year             | 2019-03-15           |

## 7. Measurement Uncertainty

### 7.1. Peak Output Power - Conducted

Measurement Uncertainty:

|                               |        |
|-------------------------------|--------|
| Measurement Uncertainty (k=2) | 0.66dB |
|-------------------------------|--------|

### 7.2. Frequency Band Edges

Measurement Uncertainty:

|                               |        |
|-------------------------------|--------|
| Measurement Uncertainty (k=2) | 0.66dB |
|-------------------------------|--------|

### 7.3. Transmitter Spurious Emission - Conducted

Measurement Uncertainty:

| Frequency Range   | Uncertainty (k=2) |
|-------------------|-------------------|
| 30 MHz ~ 8 GHz    | 1.22dB            |
| 8 GHz ~ 12.75 GHz | 1.51dB            |
| 12.7GHz ~ 26 GHz  | 1.51dB            |

### 7.4. Transmitter Spurious Emission - Radiated

Measurement Uncertainty:

| Frequency Range | Uncertainty (k=2) |
|-----------------|-------------------|
| < 1 GHz         | 5.40dB            |
| > 1 GHz         | 4.32dB            |

### 7.5. Time of Occupancy (Dwell Time)

Measurement Uncertainty:

|                               |        |
|-------------------------------|--------|
| Measurement Uncertainty (k=2) | 0.88ms |
|-------------------------------|--------|

### 7.6. 20dB Bandwidth

Measurement Uncertainty:

|                               |          |
|-------------------------------|----------|
| Measurement Uncertainty (k=2) | 61.936Hz |
|-------------------------------|----------|



### 7.7. Carrier Frequency Separation

**Measurement Uncertainty:**

|                               |          |
|-------------------------------|----------|
| Measurement Uncertainty (k=2) | 61.936Hz |
|-------------------------------|----------|

### 7.8. AC Powerline Conducted Emission

**Measurement Uncertainty:**

|                               |        |
|-------------------------------|--------|
| Measurement Uncertainty (k=2) | 3.10dB |
|-------------------------------|--------|

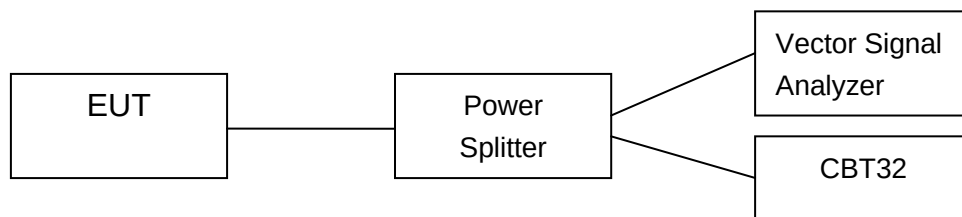
## **ANNEX A: Detailed Test Results**

### **A.1. Measurement Method**

#### **A.1.1. Conducted Measurements**

The measurement is made according to ANSI C63.10.

- 1). Connect the EUT to the test system correctly.
- 2). Set the EUT to the required work mode (Transmitter, receiver or transmitter & receiver).
- 3). Set the EUT to the required channel.
- 4). Set the EUT hopping mode (hopping or hopping off).
- 5). Set the spectrum analyzer to start measurement.
- 6). Record the values. Vector Signal Analyzer



#### **A.1.2. Radiated Emission Measurements**

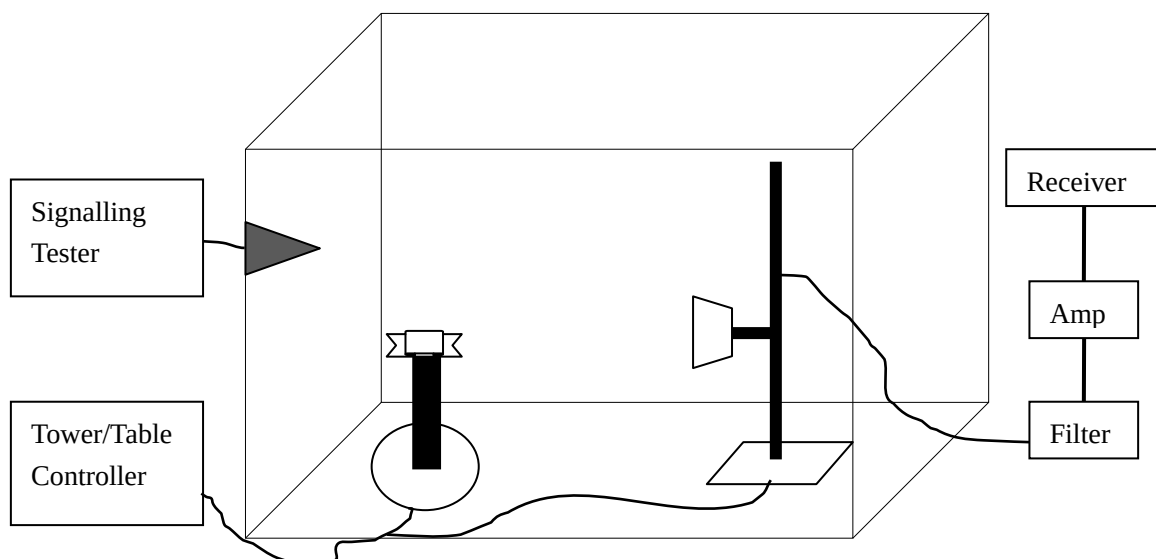
The measurement is made according to ANSI C63.10

The radiated emission test is performed in semi-anechoic chamber. The distance from the EUT to the reference point of measurement antenna is 3m. The test is carried out on both vertical and horizontal polarization and only maximization result of both polarizations is kept. During the test, the turntable is rotated 360° and the measurement antenna is moved from 1m to 4m to get the maximization result.

In the case of radiated emission, the used settings are as follows,

Sweep frequency from 30 MHz to 1GHz, RBW = 100 kHz, VBW = 300 kHz;

Sweep frequency from 1 GHz to 26GHz, RBW = 1MHz, VBW = 1MHz;



## A.2. Peak Output Power – Conducted

**Method of Measurement: See ANSI C63.10-clause 7.8.5**

a) Use the following spectrum analyzer settings:

- Span: 6MHz
- RBW: 3MHz
- VBW: 3MHz
- Sweep time: 2.5ms
- Detector function: peak
- Trace: max hold

b) Allow trace to stabilize.

c) Use the marker-to-peak function to set the marker to the peak of the emission.

d) The indicated level is the peak output power.

**Measurement Limit:**

| Standard              | Limit (dBm) |
|-----------------------|-------------|
| FCC Part 15.247(b)(1) | < 30        |

**Measurement Results:**

**For GFSK**

| Channel                              | Ch 0<br>2402 MHz | Ch 39<br>2441 MHz | Ch 78<br>2480 MHz | Conclusion |
|--------------------------------------|------------------|-------------------|-------------------|------------|
| Peak Conducted<br>Output Power (dBm) | 8.81             | 8.52              | 8.37              | P          |

**For  $\pi/4$  DQPSK**

| Channel                              | Ch 0<br>2402 MHz | Ch 39<br>2441 MHz | Ch 78<br>2480 MHz | Conclusion |
|--------------------------------------|------------------|-------------------|-------------------|------------|
| Peak Conducted<br>Output Power (dBm) | 7.86             | 7.82              | 7.50              | P          |

**For 8DPSK**

| Channel                              | Ch 0<br>2402 MHz | Ch 39<br>2441 MHz | Ch 78<br>2480 MHz | Conclusion |
|--------------------------------------|------------------|-------------------|-------------------|------------|
| Peak Conducted<br>Output Power (dBm) | 8.26             | 8.00              | 7.52              | P          |

**Conclusion: PASS**

### A.3. Frequency Band Edges – Conducted

#### Method of Measurement: See ANSI C63.10-clause 7.8.6

Connect the spectrum analyzer to the EUT using an appropriate RF cable connected to the EUT output. Configure the spectrum analyzer settings as described below (be sure to enter all losses between the unlicensed wireless device output and the spectrum analyzer).

- Span: 10 MHz
- Resolution Bandwidth: 100 kHz
- Video Bandwidth: 300 kHz
- Sweep Time:Auto
- Detector: Peak
- Trace: max hold

Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel.

Observe the stored trace and measure the amplitude delta between the peak of the fundamental and the peak of the band-edge emission. This is not an absolute field strength measurement; it is only a relative measurement to determine the amount by which the emission drops at the band edge relative to the highest fundamental emission level.

#### Measurement Limit:

| Standard                   | Limit (dBc) |
|----------------------------|-------------|
| FCC 47 CFR Part 15.247 (d) | < -20       |

#### Measurement Result:

##### For GFSK

| Channel | Hopping     | Band Edge Power ( dBc) |        | Conclusion |
|---------|-------------|------------------------|--------|------------|
| 0       | Hopping OFF | Fig.1                  | -62.19 | P          |
|         | Hopping ON  | Fig.2                  | -69.06 | P          |
| 78      | Hopping OFF | Fig.3                  | -67.23 | P          |
|         | Hopping ON  | Fig.4                  | -68.67 | P          |

##### For $\pi/4$ DQPSK

| Channel | Hopping     | Band Edge Power ( dBc) |        | Conclusion |
|---------|-------------|------------------------|--------|------------|
| 0       | Hopping OFF | Fig.5                  | -62.63 | P          |
|         | Hopping ON  | Fig.6                  | -65.44 | P          |
| 78      | Hopping OFF | Fig.7                  | -65.21 | P          |
|         | Hopping ON  | Fig.8                  | -67.31 | P          |

##### For 8DPSK

| Channel | Hopping     | Band Edge Power ( dBc) |        | Conclusion |
|---------|-------------|------------------------|--------|------------|
| 0       | Hopping OFF | Fig.9                  | -62.40 | P          |
|         | Hopping ON  | Fig.10                 | -65.88 | P          |



|    |             |        |        |   |
|----|-------------|--------|--------|---|
| 78 | Hopping OFF | Fig.11 | -66.43 | P |
|    | Hopping ON  | Fig.12 | -67.76 | P |

**Conclusion: PASS**

**Test graphs as below**

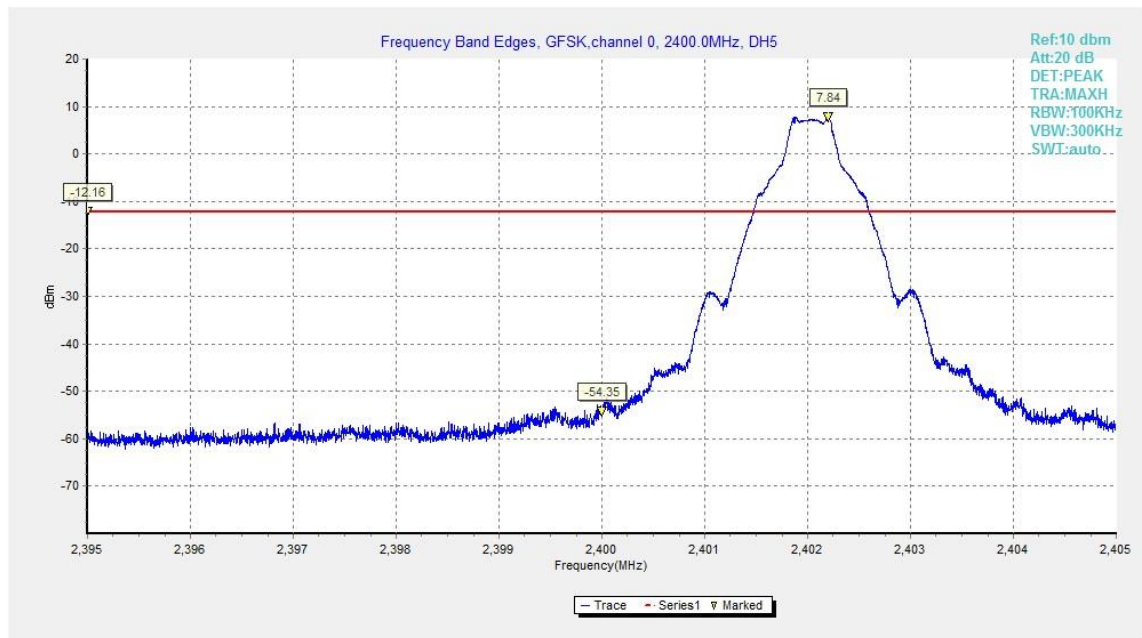


Fig.1. Frequency Band Edges: GFSK, Channel 0, Hopping Off

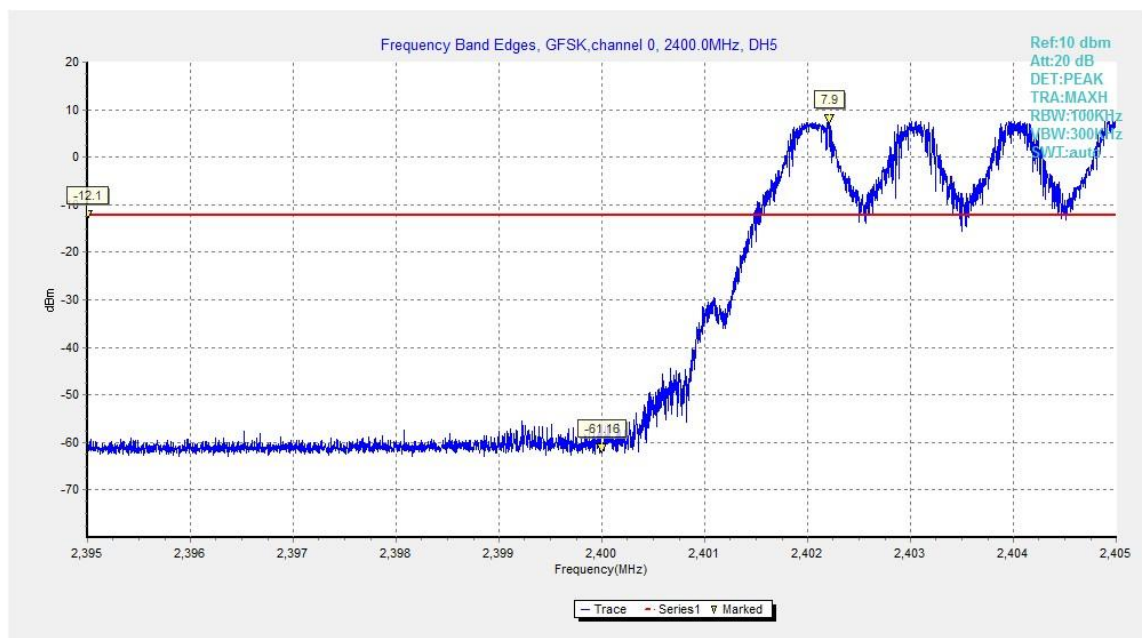


Fig.2. Frequency Band Edges: GFSK, Channel 0, Hopping On

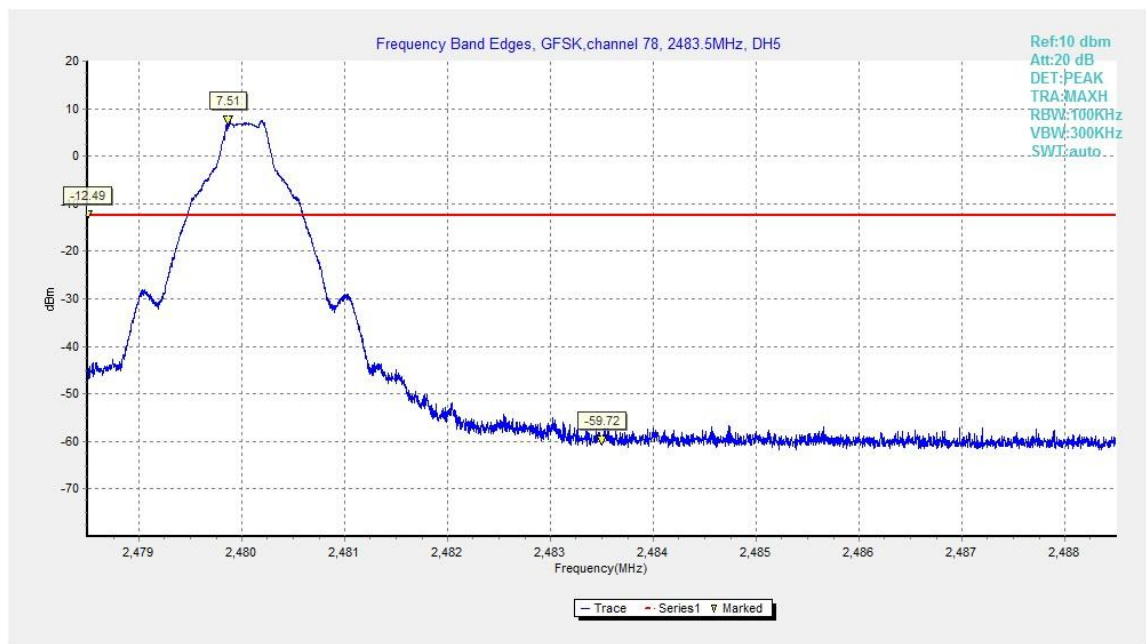


Fig.3. Frequency Band Edges: GFSK, Channel 78, Hopping Off

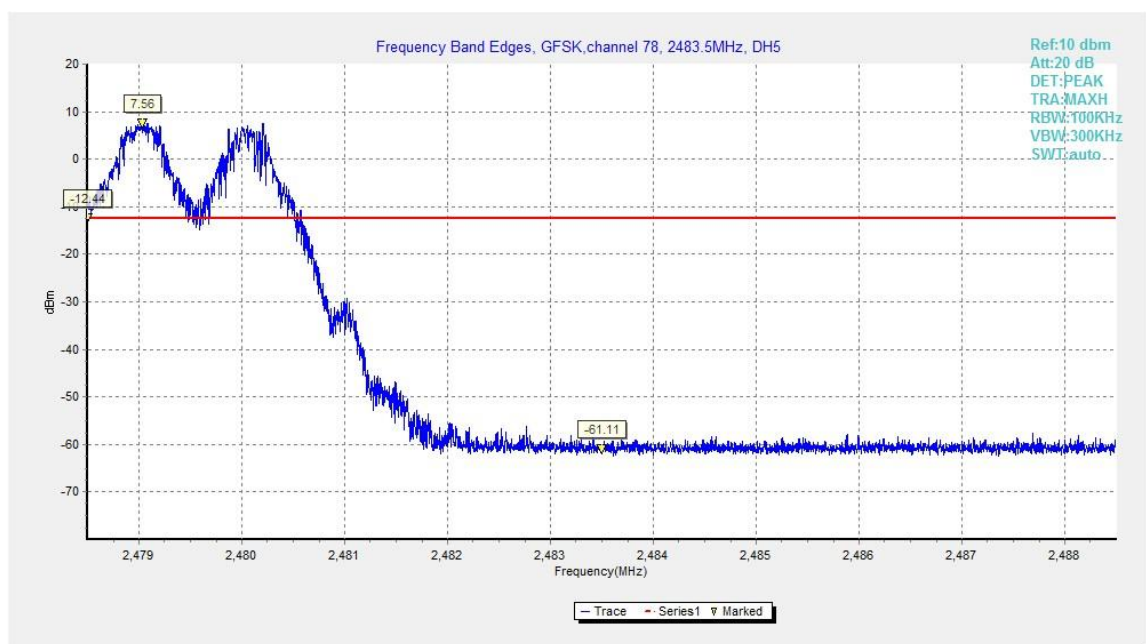


Fig.4. Frequency Band Edges: GFSK, Channel 78, Hopping On

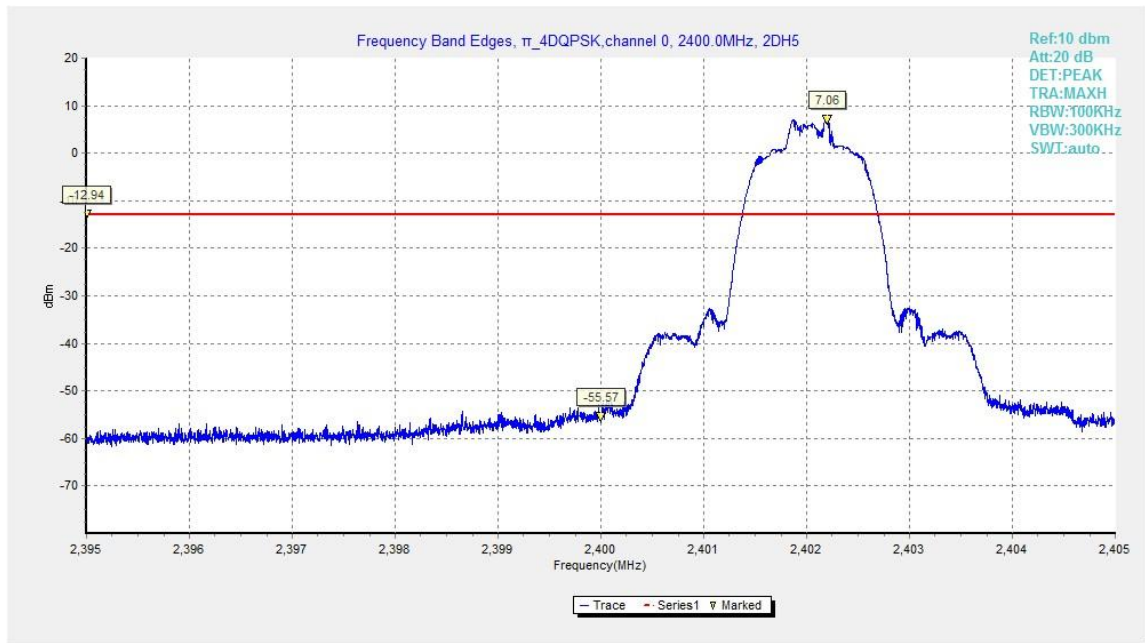


Fig.5. Frequency Band Edges:  $\pi/4$  DQPSK, Channel 0, Hopping Off

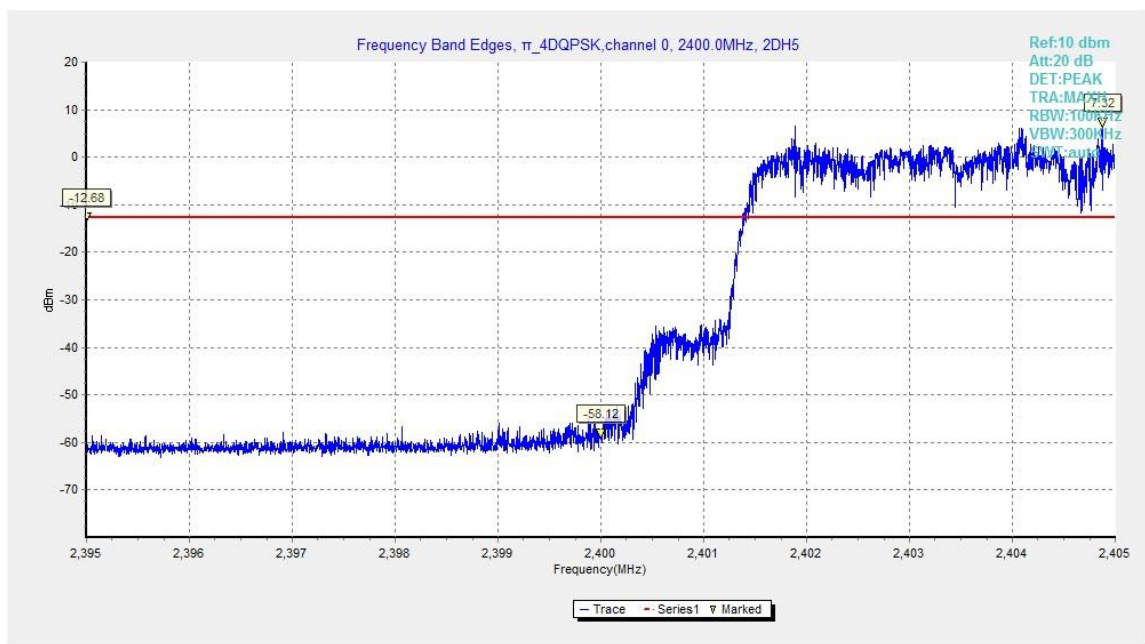


Fig.6. Frequency Band Edges:  $\pi/4$  DQPSK, Channel 0, Hopping On

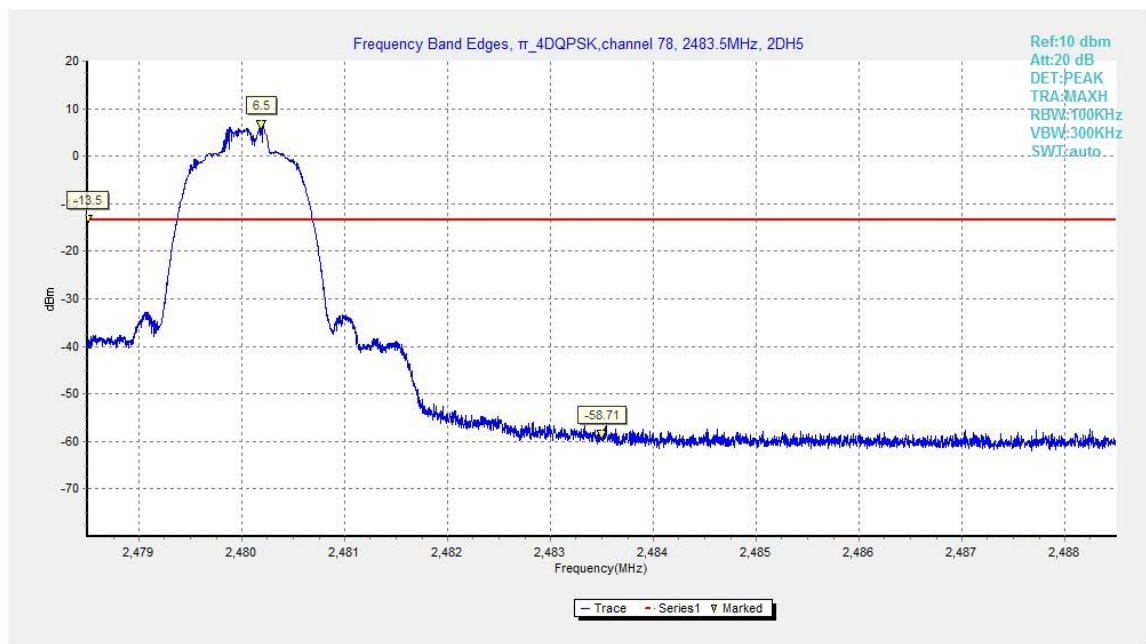


Fig.7. Frequency Band Edges:  $\pi/4$  DQPSK, Channel 78, Hopping Off

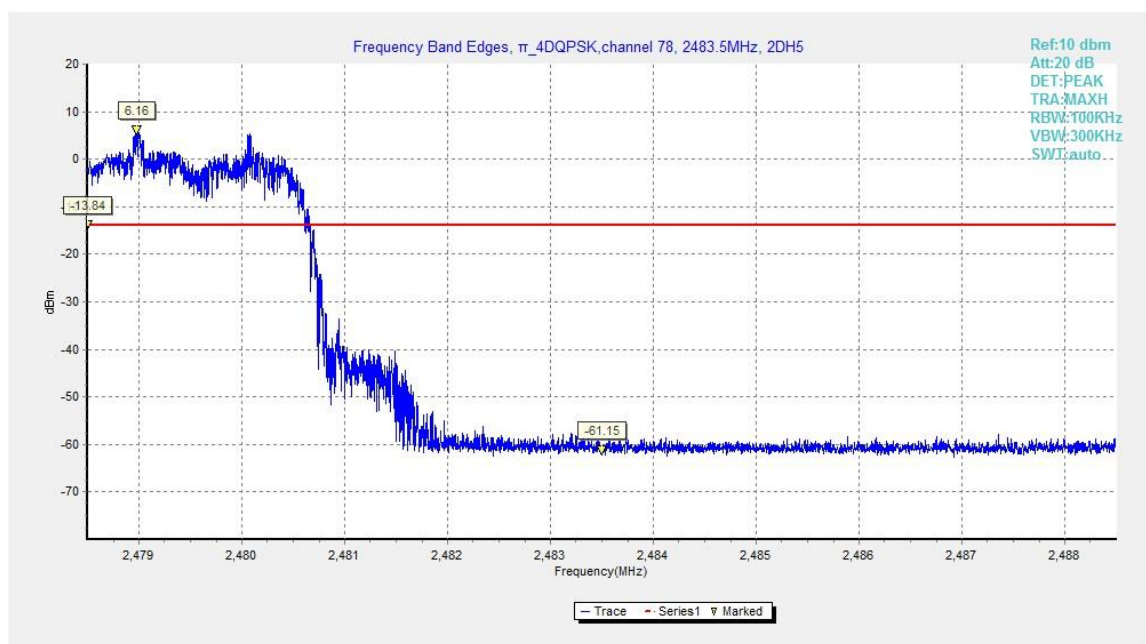


Fig.8. Frequency Band Edges:  $\pi/4$  DQPSK, Channel 78, Hopping On

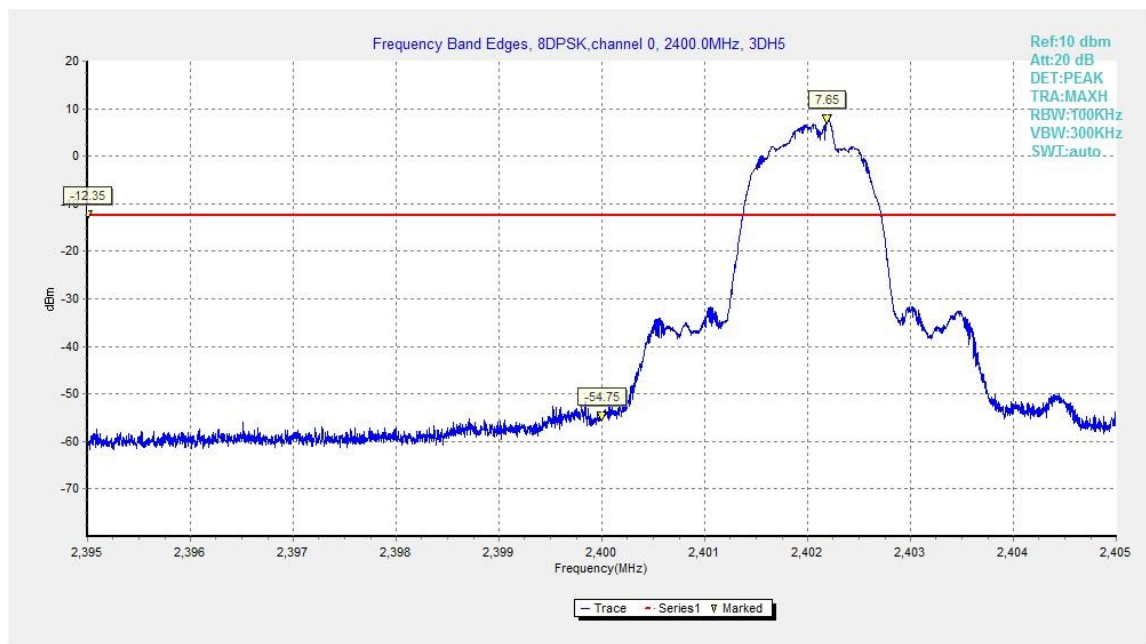


Fig.9. Frequency Band Edges: 8DPSK, Channel 0, Hopping Off

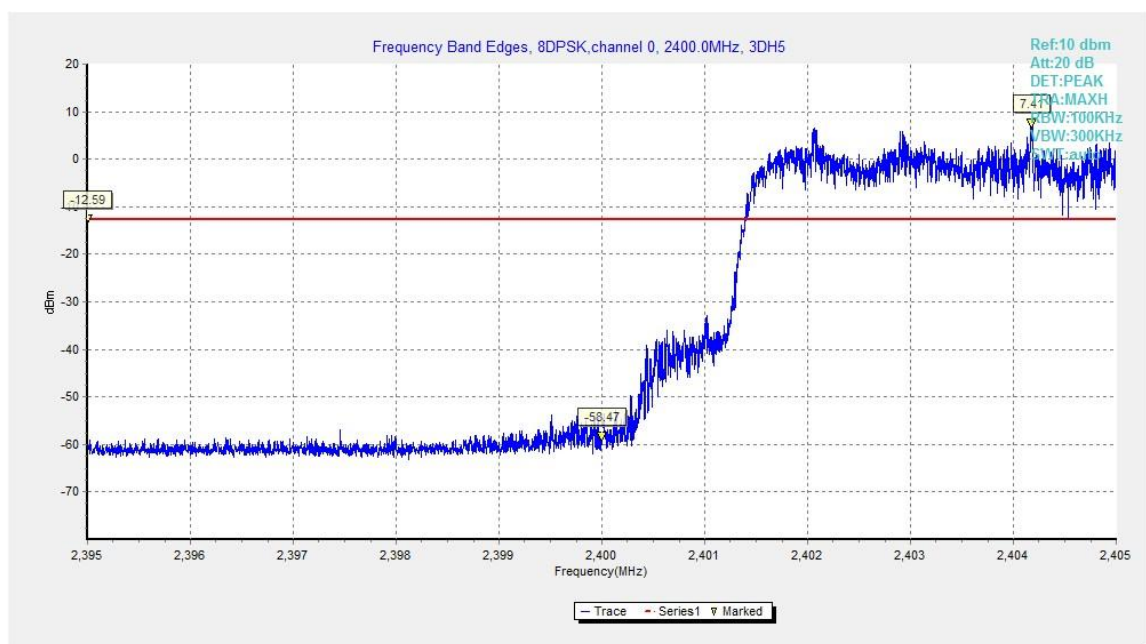


Fig.10. Frequency Band Edges: 8DPSK, Channel 0, Hopping On



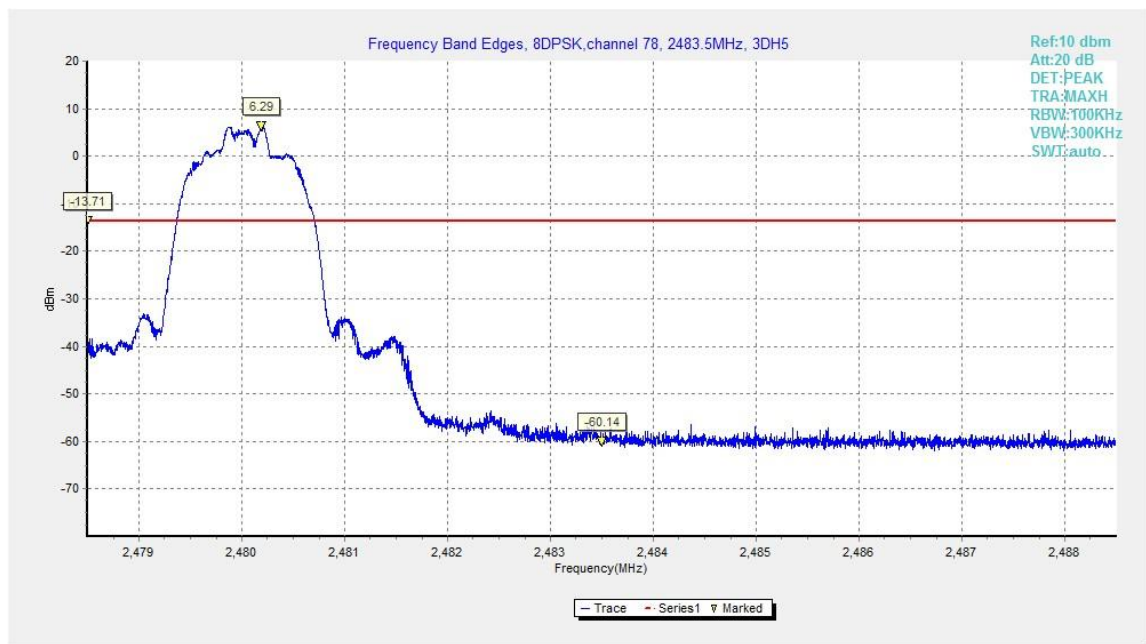


Fig.11. Frequency Band Edges: 8DPSK, Channel 78, Hopping Off

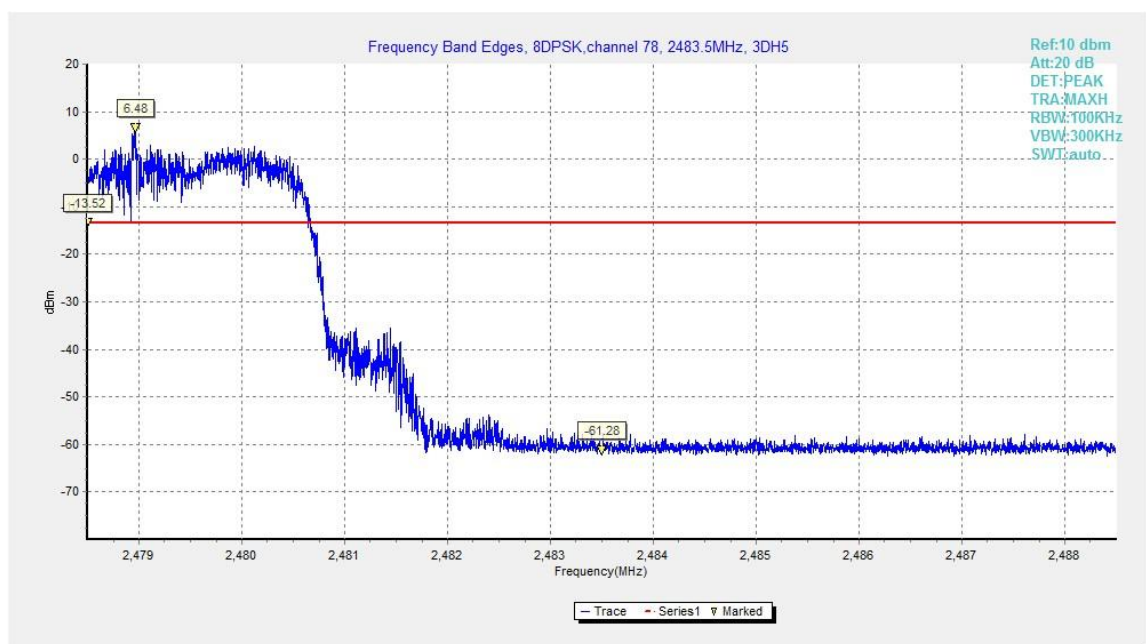


Fig.12. Frequency Band Edges: 8DPSK, Channel 78, Hopping On

#### A.4. Transmitter Spurious Emission - Conducted

##### Method of Measurement: See ANSI C63.10-clause 7.8.8

##### Measurement Procedure – Reference Level

1. Set the RBW = 100 kHz.
2. Set the VBW = 300 kHz.
3. Set the span to 5-30 % greater than the EBW.
4. Detector = peak.
5. Sweep time = auto couple.
6. Trace mode = max hold.
7. Allow trace to fully stabilize.
8. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW. Next, determine the power in 100 kHz band segments outside of the authorized frequency band using the following measurement:

##### Measurement Procedure - Unwanted Emissions

1. Set RBW = 100 kHz.
2. Set VBW = 300 kHz.
3. Set span to encompass the spectrum to be examined.
4. Detector = peak.
5. Trace Mode = max hold.
6. Sweep = auto couple.
7. Allow the trace to stabilize (this may take some time, depending on the extent of the span).

Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified above.

##### Measurement Limit:

| Standard                   | Limit                                             |
|----------------------------|---------------------------------------------------|
| FCC 47 CFR Part 15.247 (d) | 20dB below peak output power in 100 kHz bandwidth |

##### Measurement Results:

##### For GFSK

| Channel | Frequency Range  | Test Results | Conclusion |
|---------|------------------|--------------|------------|
| Ch 0    | Center Frequency | Fig.13       | P          |

|                   |                  |        |   |
|-------------------|------------------|--------|---|
| 2402 MHz          | 30 MHz ~ 1 GHz   | Fig.14 | P |
|                   | 1 GHz ~ 3 GHz    | Fig.15 | P |
|                   | 3 GHz ~ 10 GHz   | Fig.16 | P |
|                   | 10 GHz ~ 26 GHz  | Fig.17 | P |
| Ch 39<br>2441 MHz | Center Frequency | Fig.18 | P |
|                   | 30 MHz ~ 1 GHz   | Fig.19 | P |
|                   | 1 GHz ~ 3 GHz    | Fig.20 | P |
|                   | 3 GHz ~ 10 GHz   | Fig.21 | P |
|                   | 10 GHz ~ 26 GHz  | Fig.22 | P |
| Ch 78<br>2480 MHz | Center Frequency | Fig.23 | P |
|                   | 30 MHz ~ 1 GHz   | Fig.24 | P |
|                   | 1 GHz ~ 3 GHz    | Fig.25 | P |
|                   | 3 GHz ~ 10 GHz   | Fig.26 | P |
|                   | 10 GHz ~ 26 GHz  | Fig.27 | P |

#### For $\pi/4$ DQPSK

| Channel           | Frequency Range  | Test Results | Conclusion |
|-------------------|------------------|--------------|------------|
| Ch 0<br>2402 MHz  | Center Frequency | Fig.28       | P          |
|                   | 30 MHz ~ 1 GHz   | Fig.29       | P          |
|                   | 1 GHz ~ 3 GHz    | Fig.30       | P          |
|                   | 3 GHz ~ 10 GHz   | Fig.31       | P          |
|                   | 10 GHz ~ 26 GHz  | Fig.32       | P          |
| Ch 39<br>2441 MHz | Center Frequency | Fig.33       | P          |
|                   | 30 MHz ~ 1 GHz   | Fig.34       | P          |
|                   | 1 GHz ~ 3 GHz    | Fig.35       | P          |
|                   | 3 GHz ~ 10 GHz   | Fig.36       | P          |
|                   | 10 GHz ~ 26 GHz  | Fig.37       | P          |
| Ch 78<br>2480 MHz | Center Frequency | Fig.38       | P          |
|                   | 30 MHz ~ 1 GHz   | Fig.39       | P          |
|                   | 1 GHz ~ 3 GHz    | Fig.40       | P          |
|                   | 3 GHz ~ 10 GHz   | Fig.41       | P          |
|                   | 10 GHz ~ 26 GHz  | Fig.42       | P          |

#### For 8DPSK

| Channel          | Frequency Range  | Test Results | Conclusion |
|------------------|------------------|--------------|------------|
| Ch 0<br>2402 MHz | Center Frequency | Fig.43       | P          |
|                  | 30 MHz ~ 1 GHz   | Fig.44       | P          |
|                  | 1 GHz ~ 3 GHz    | Fig.45       | P          |
|                  | 3 GHz ~ 10 GHz   | Fig.46       | P          |
|                  | 10 GHz ~ 26 GHz  | Fig.47       | P          |



|                   |                  |        |   |
|-------------------|------------------|--------|---|
| Ch 39<br>2441 MHz | Center Frequency | Fig.48 | P |
|                   | 30 MHz ~ 1 GHz   | Fig.49 | P |
|                   | 1 GHz ~ 3 GHz    | Fig.50 | P |
|                   | 3 GHz ~ 10 GHz   | Fig.51 | P |
|                   | 10 GHz ~ 26 GHz  | Fig.52 | P |
| Ch 78<br>2480 MHz | Center Frequency | Fig.53 | P |
|                   | 30 MHz ~ 1 GHz   | Fig.54 | P |
|                   | 1 GHz ~ 3 GHz    | Fig.55 | P |
|                   | 3 GHz ~ 10 GHz   | Fig.56 | P |
|                   | 10 GHz ~ 26 GHz  | Fig.57 | P |

**Conclusion: PASS**

**Test graphs as below**

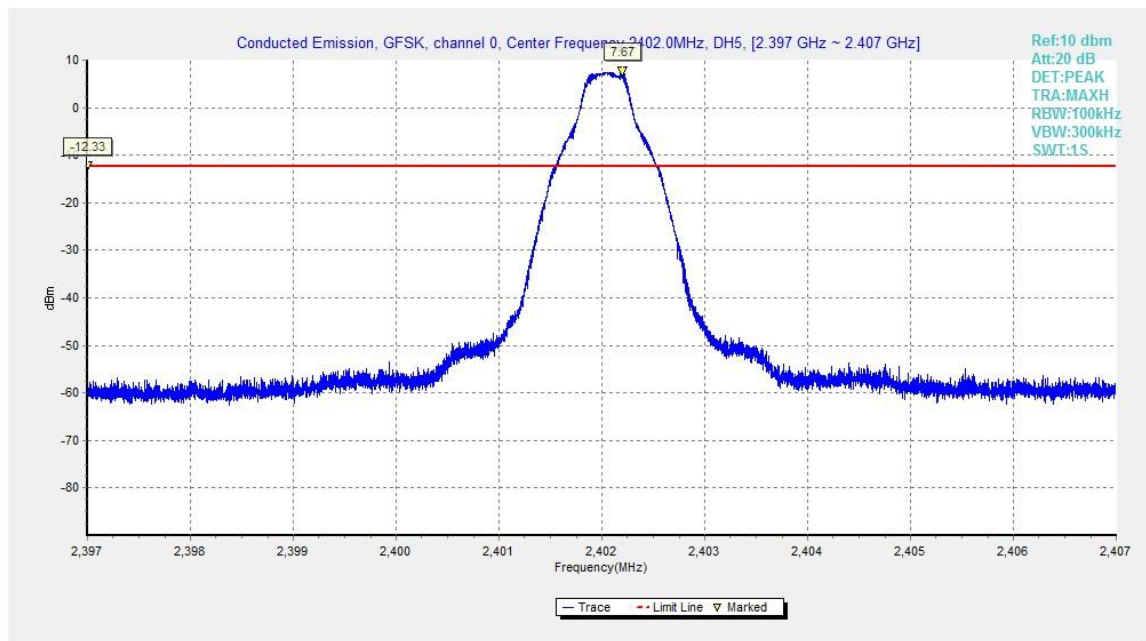


Fig.13. Conducted spurious emission: GFSK, Channel 0,2402MHz

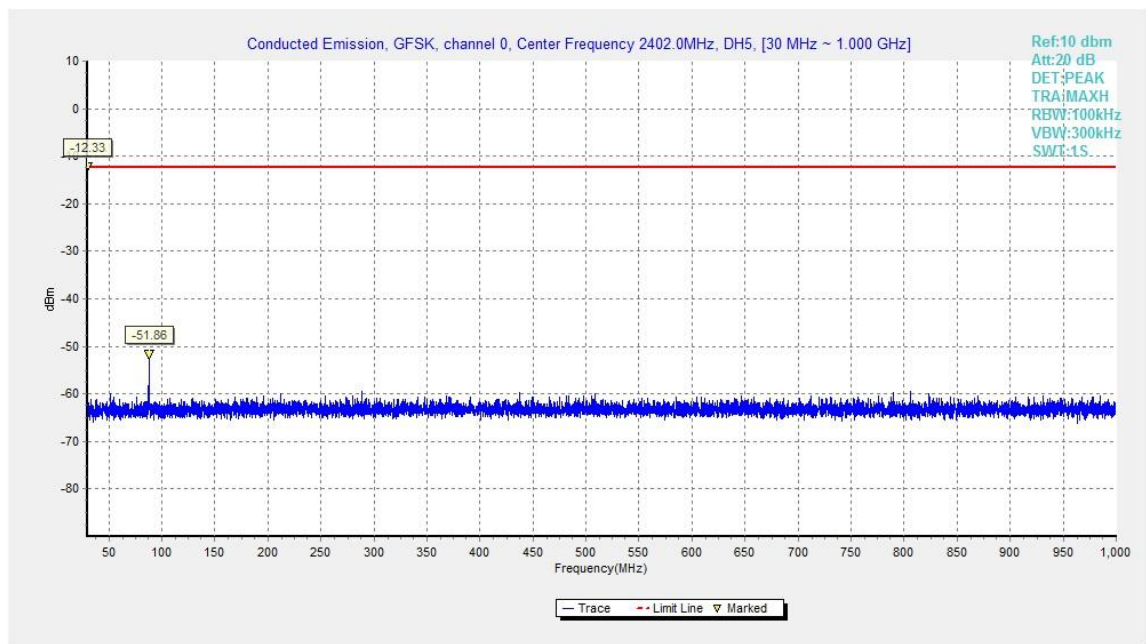


Fig.14. Conducted spurious emission: GFSK, Channel 0, 30MHz - 1GHz

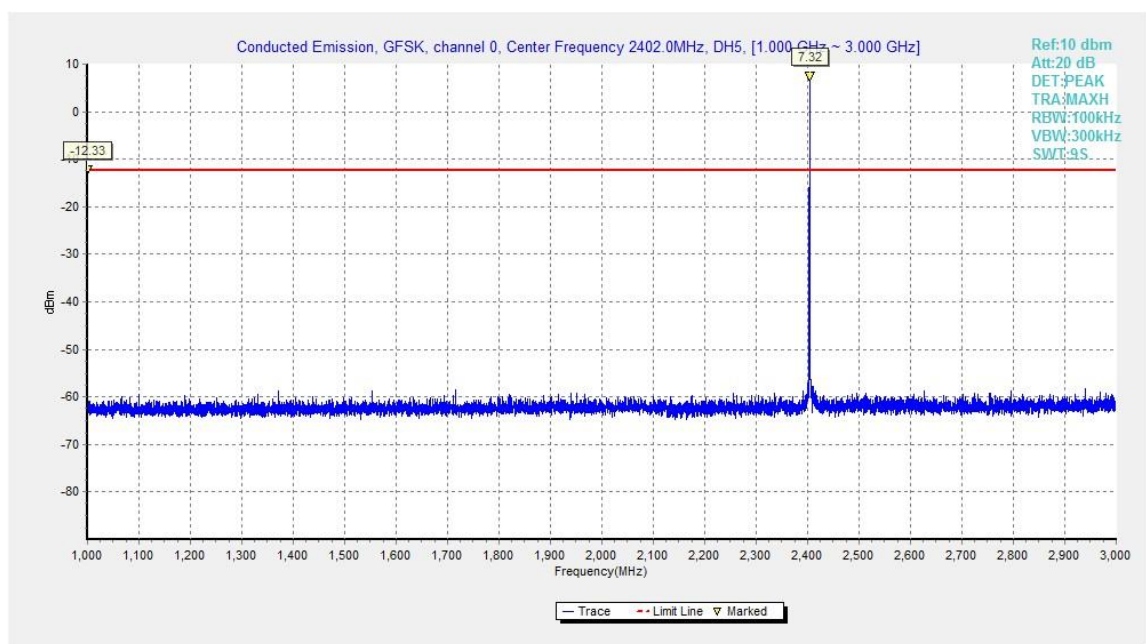


Fig.15. Conducted spurious emission: GFSK, Channel 0, 1GHz - 3GHz

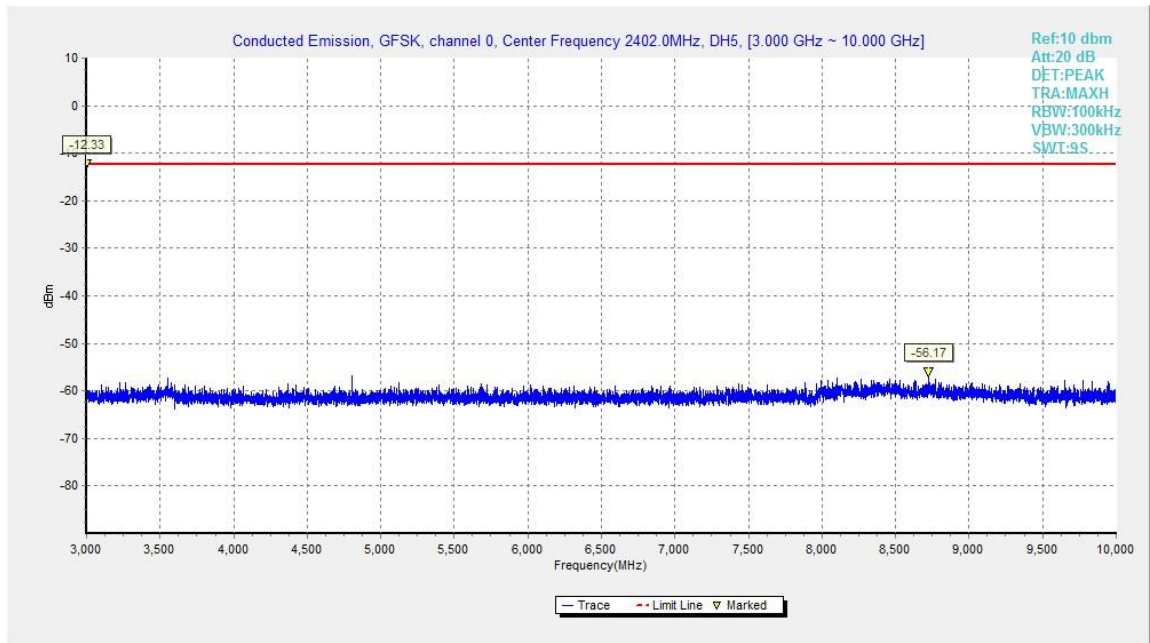


Fig.16. Conducted spurious emission: GFSK, Channel 0, 3GHz - 10GHz

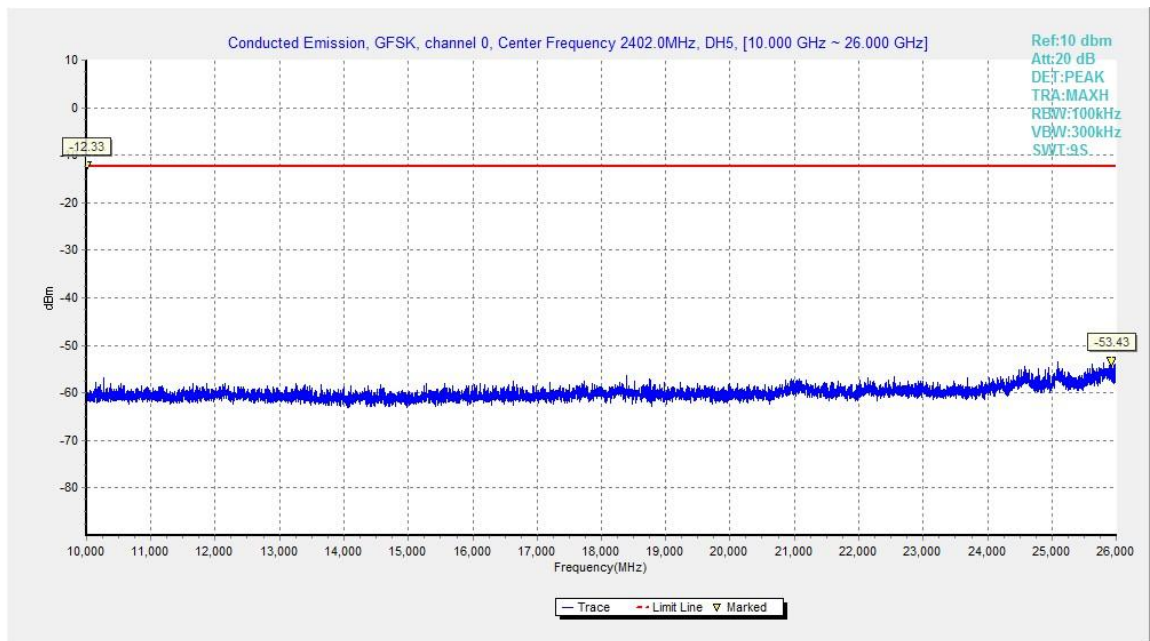


Fig.17. Conducted spurious emission: GFSK, Channel 0, 10GHz - 26GHz

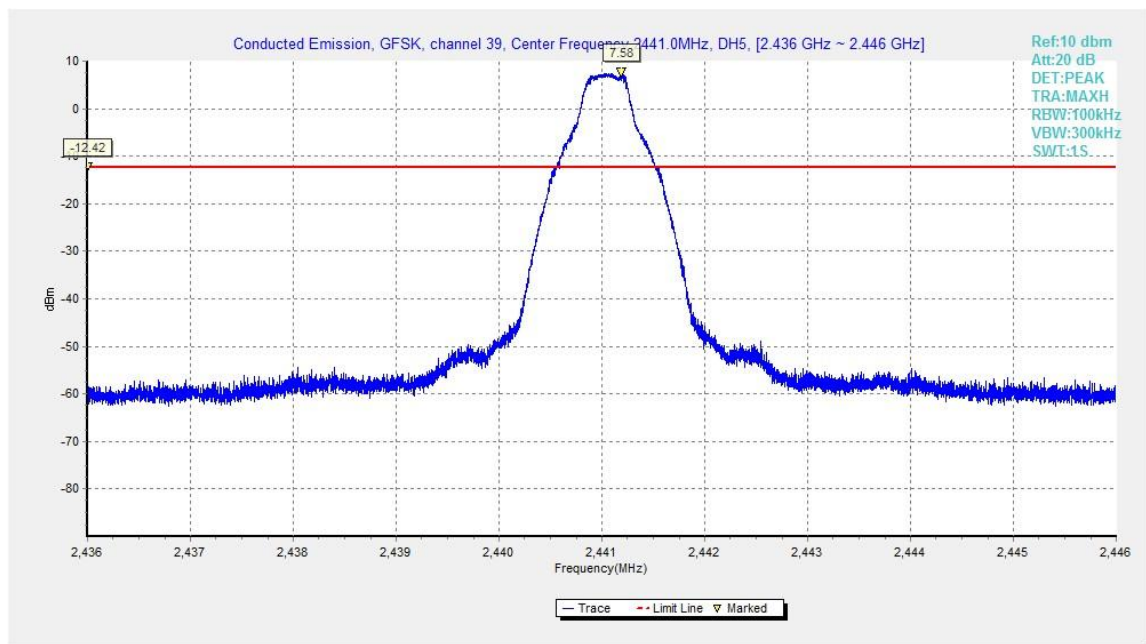


Fig.18. Conducted spurious emission: GFSK, Channel 39, 2441MHz

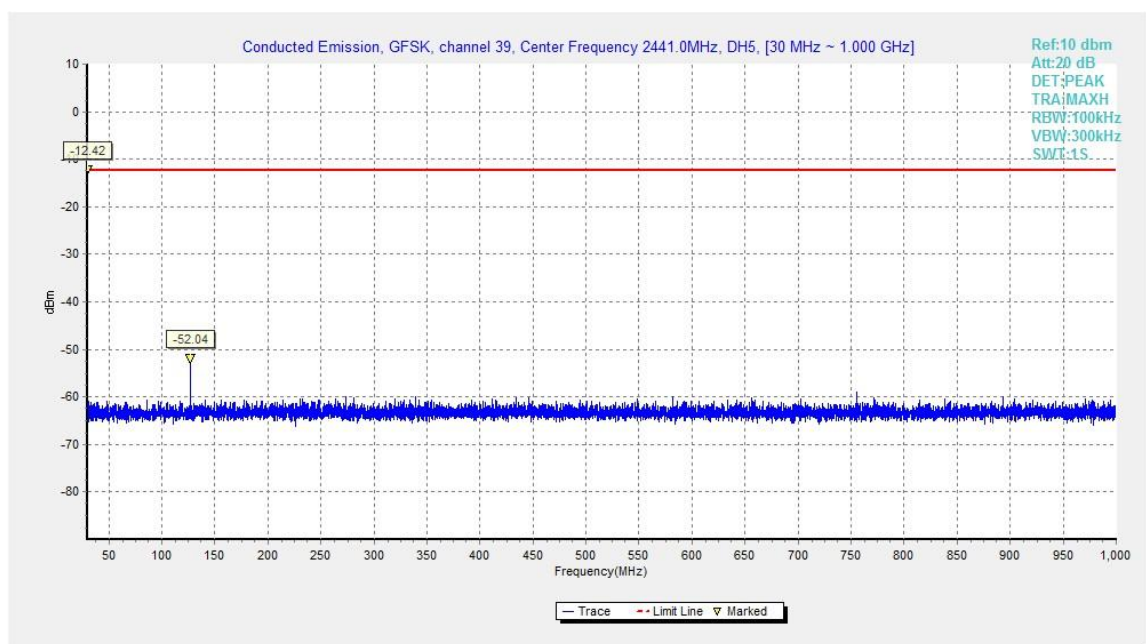


Fig.19. Conducted spurious emission: GFSK, Channel 39, 30MHz - 1GHz



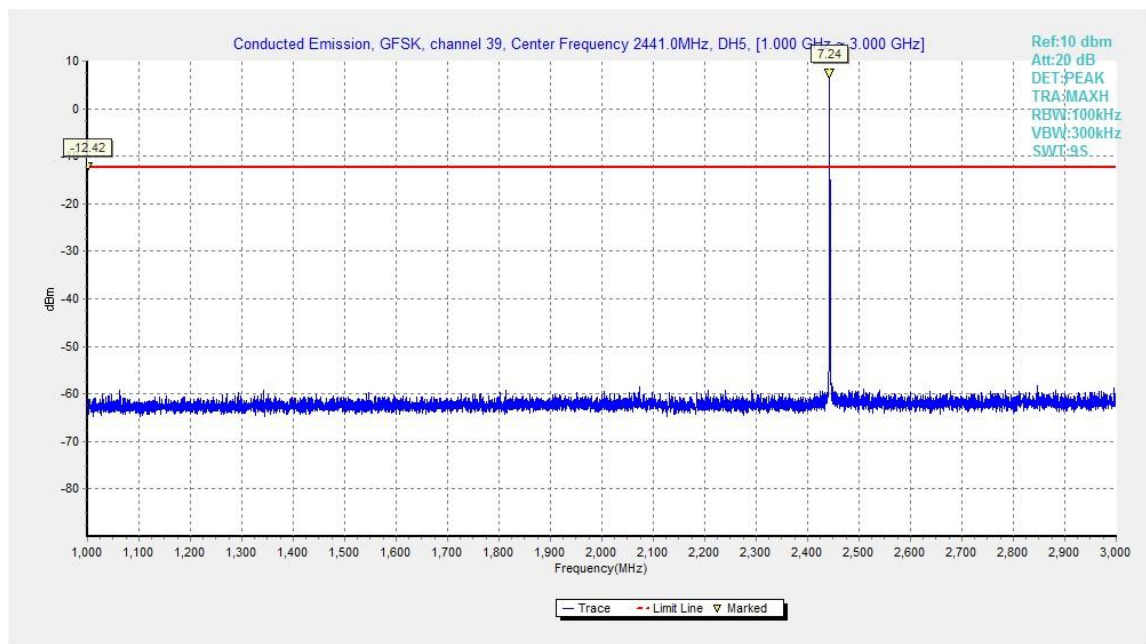


Fig.20. Conducted spurious emission: GFSK, Channel 39, 1GHz – 3GHz

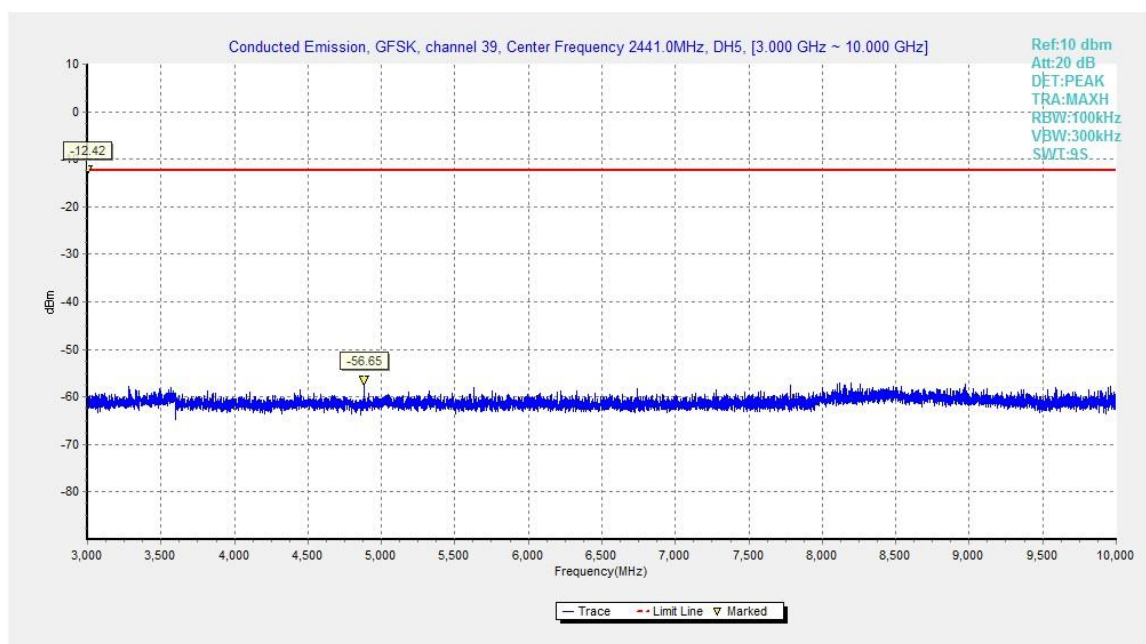


Fig.21. Conducted spurious emission: GFSK, Channel 39, 3GHz – 10GHz

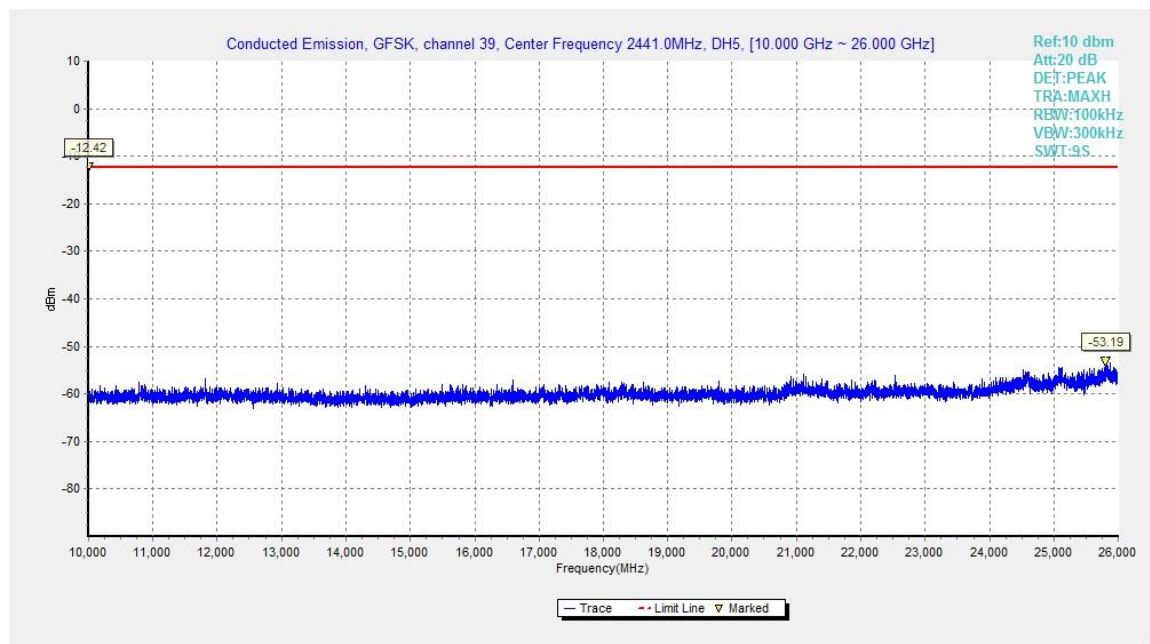


Fig.22. Conducted spurious emission: GFSK, Channel 39, 10GHz – 26GHz

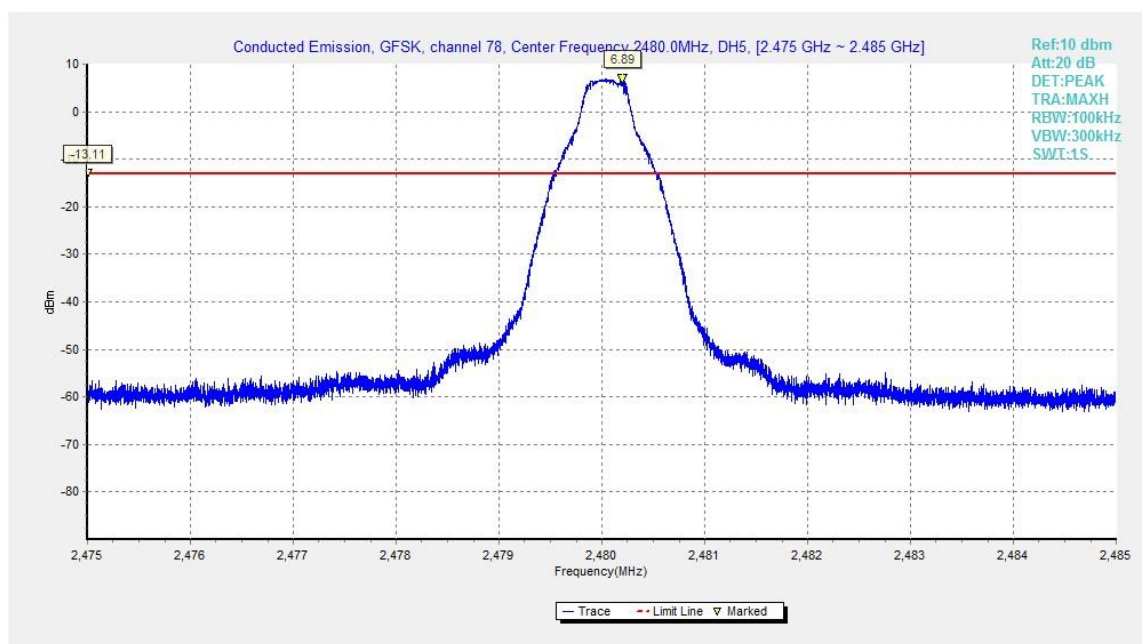


Fig.23. Conducted spurious emission: GFSK, Channel 78, 2480MHz

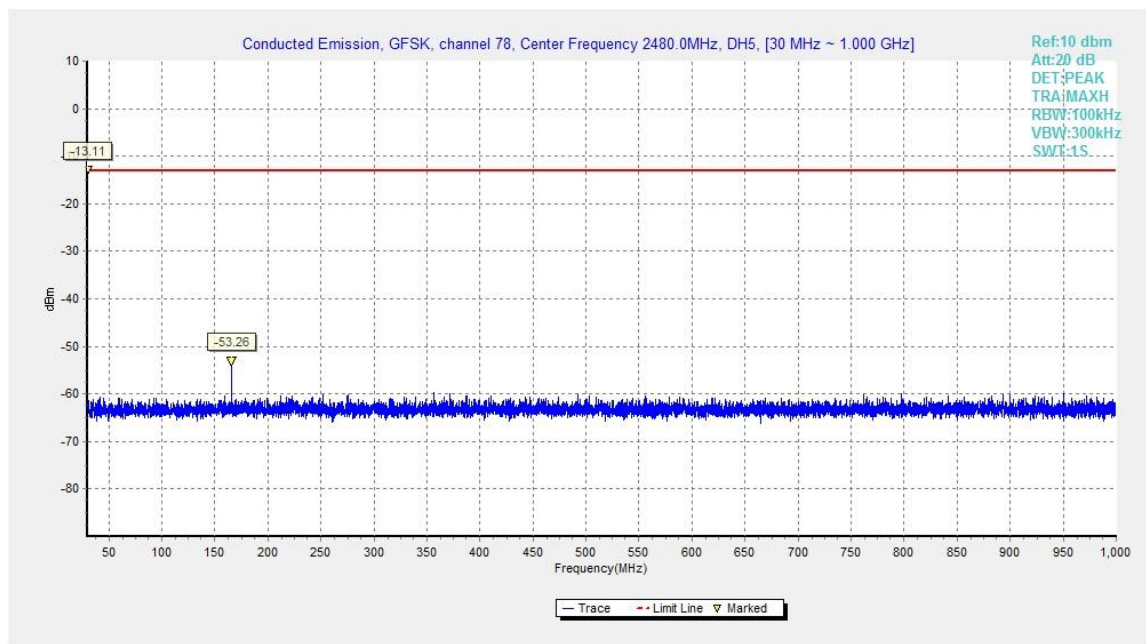


Fig.24. Conducted spurious emission: GFSK, Channel 78, 30MHz - 1GHz

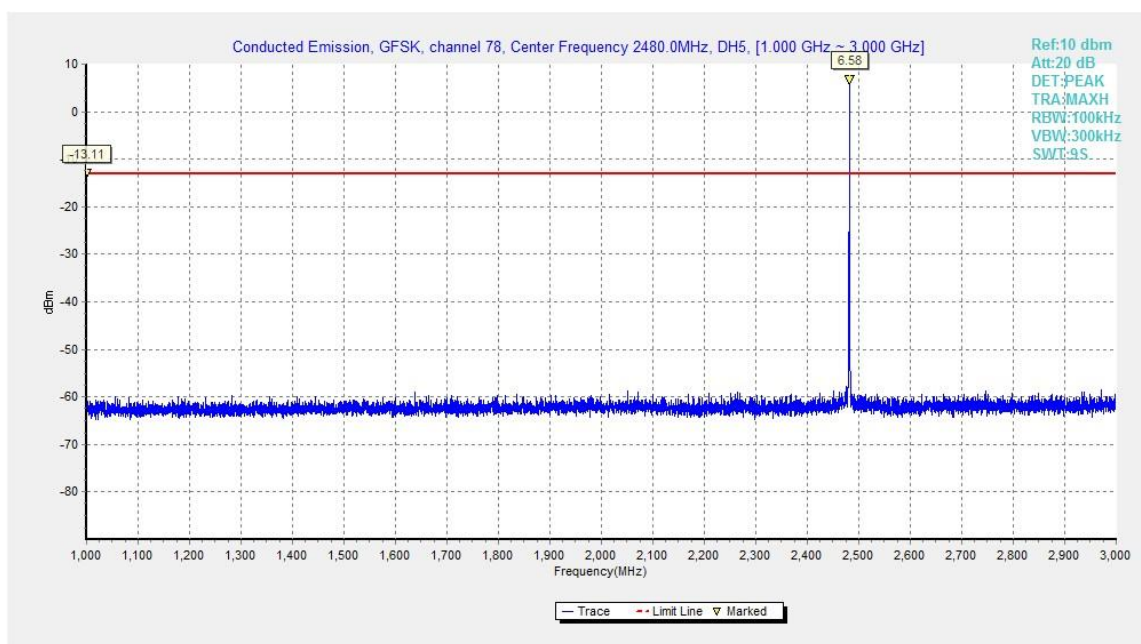


Fig.25. Conducted spurious emission: GFSK, Channel 78, 1GHz - 3GHz

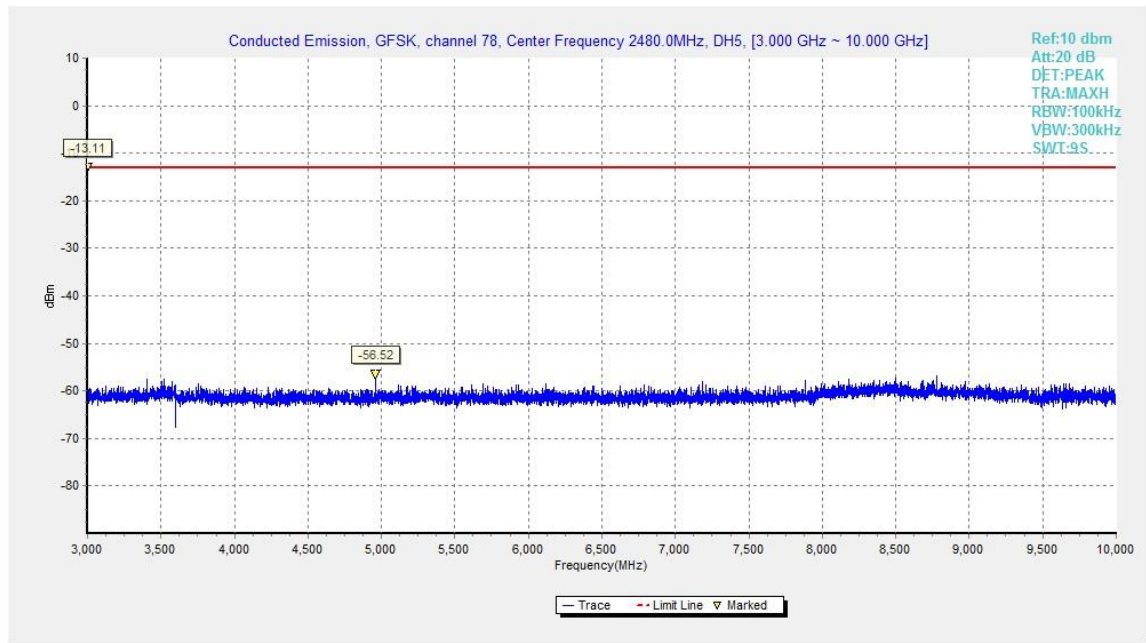


Fig.26. Conducted spurious emission: GFSK, Channel 78, 3GHz - 10GHz

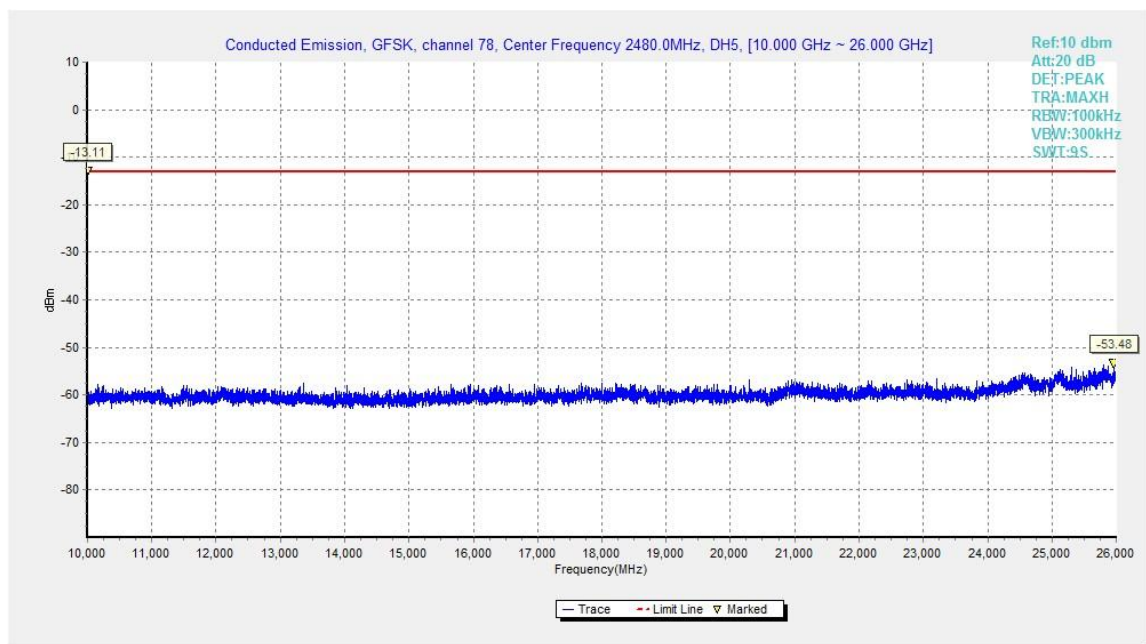


Fig.27. Conducted spurious emission: GFSK, Channel 78, 10GHz - 26GHz



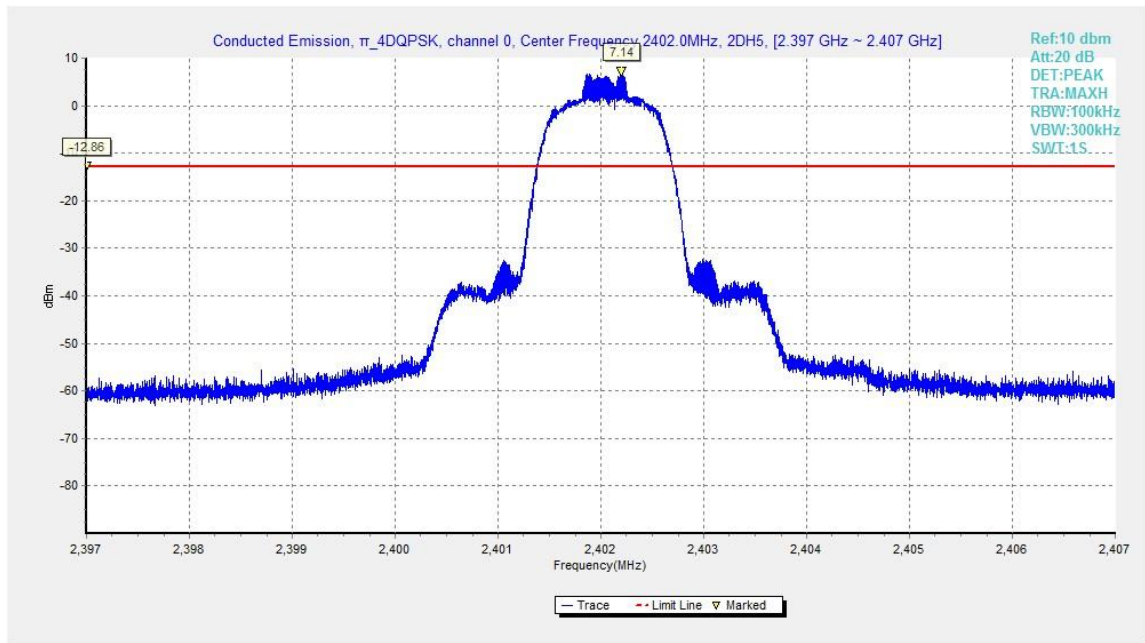


Fig.28. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 0,2402MHz

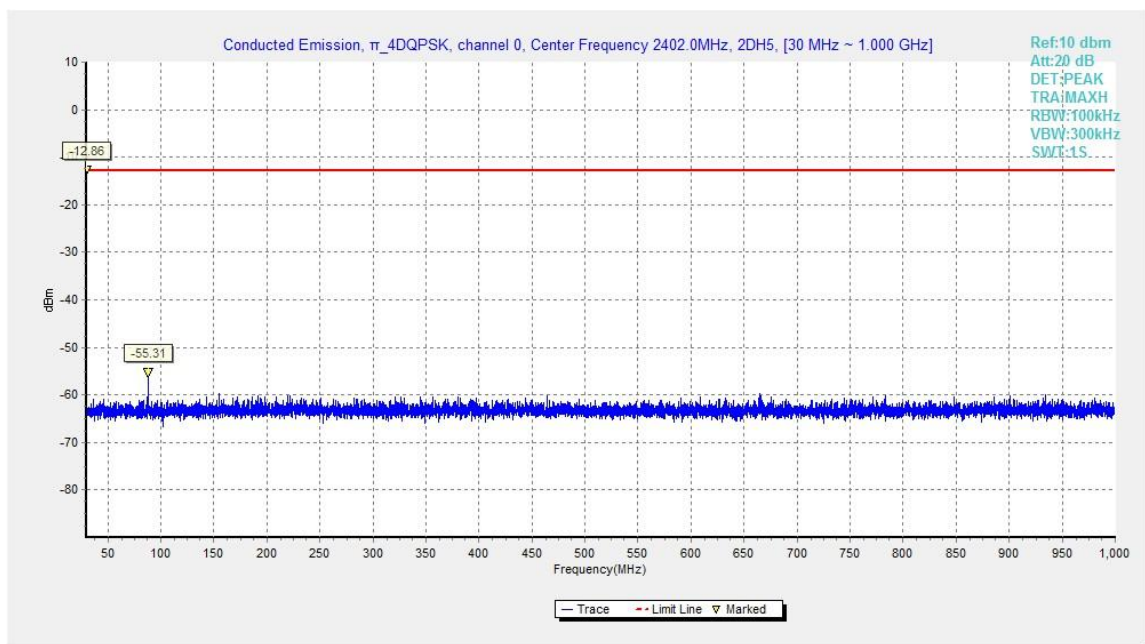


Fig.29. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 0, 30MHz - 1GHz

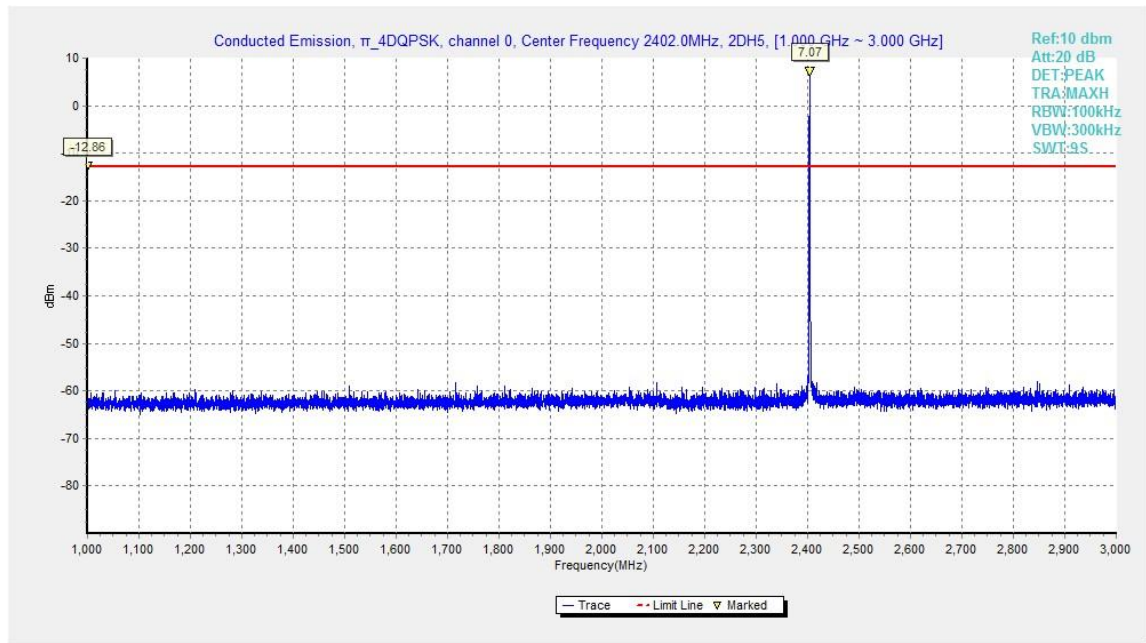


Fig.30. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 0, 1GHz - 3GHz

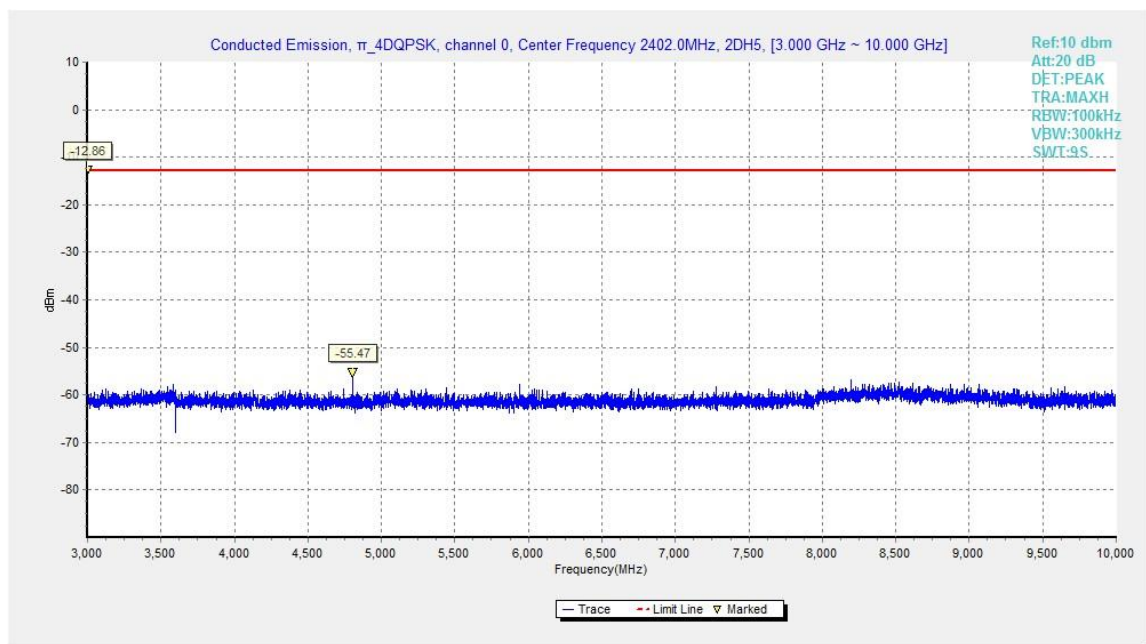


Fig.31. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 0, 3GHz - 10GHz

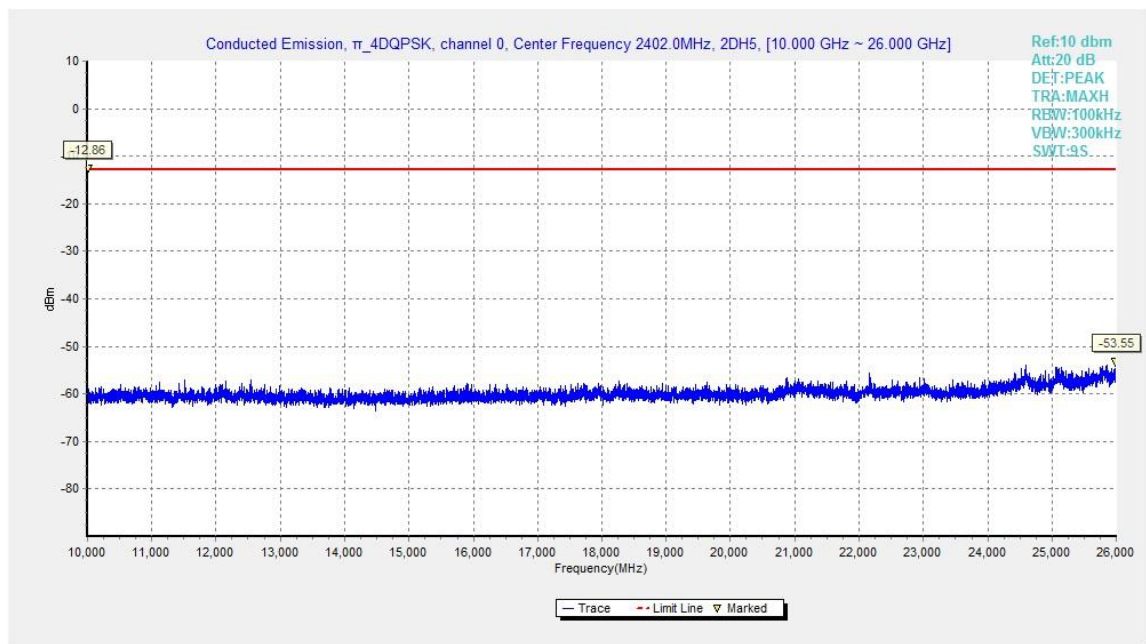


Fig.32. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 0,10GHz - 26GHz

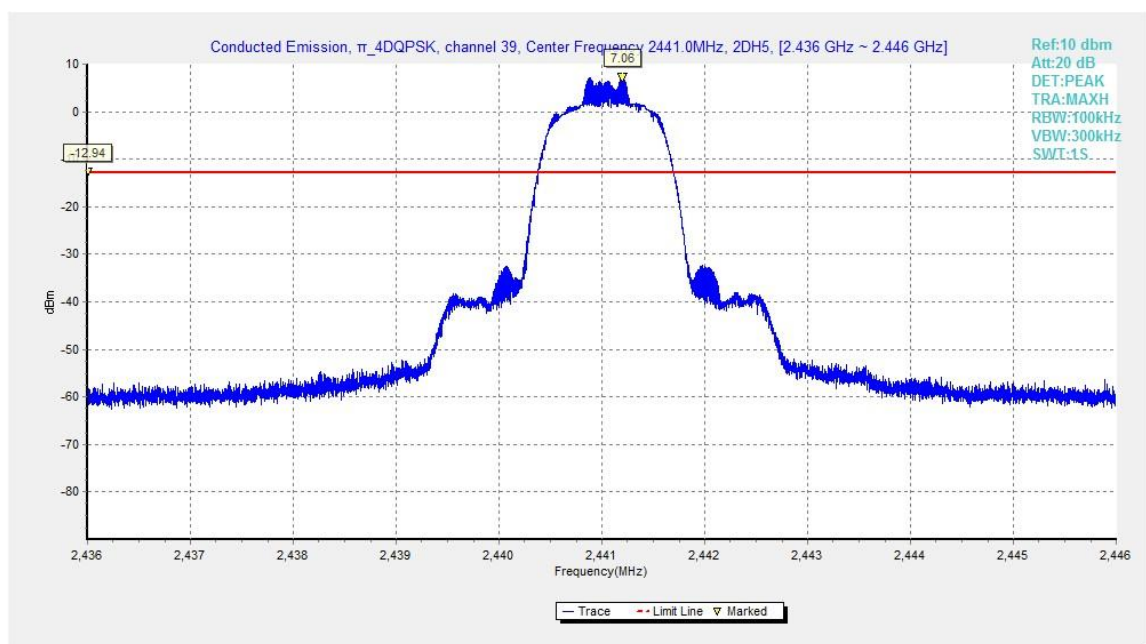


Fig.33. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 39, 2441MHz

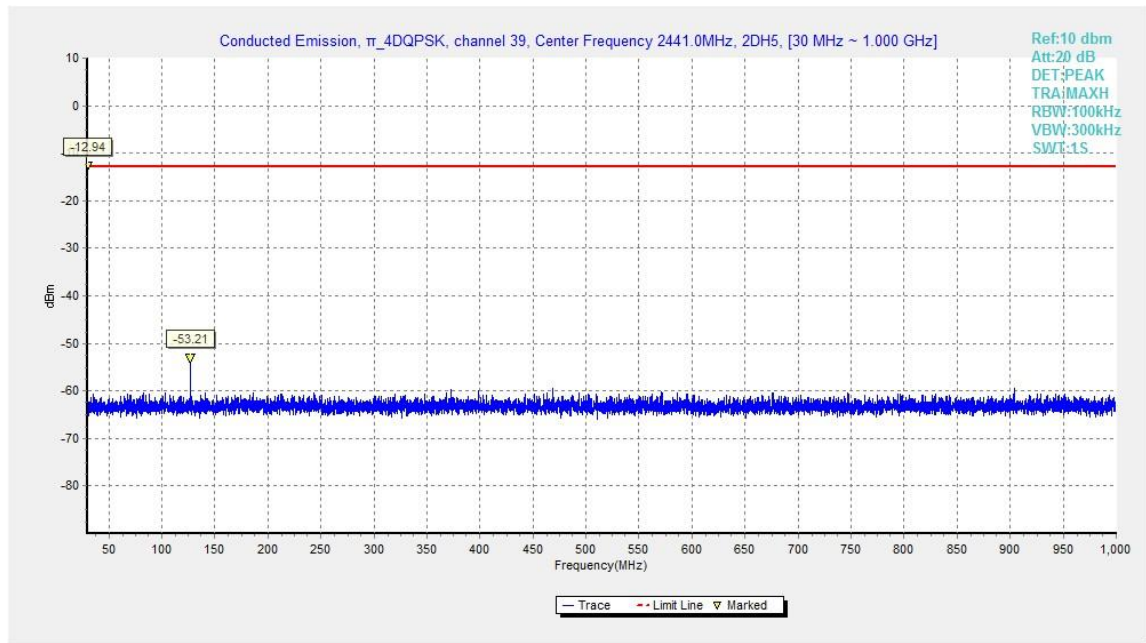


Fig.34. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 39, 30MHz - 1GHz

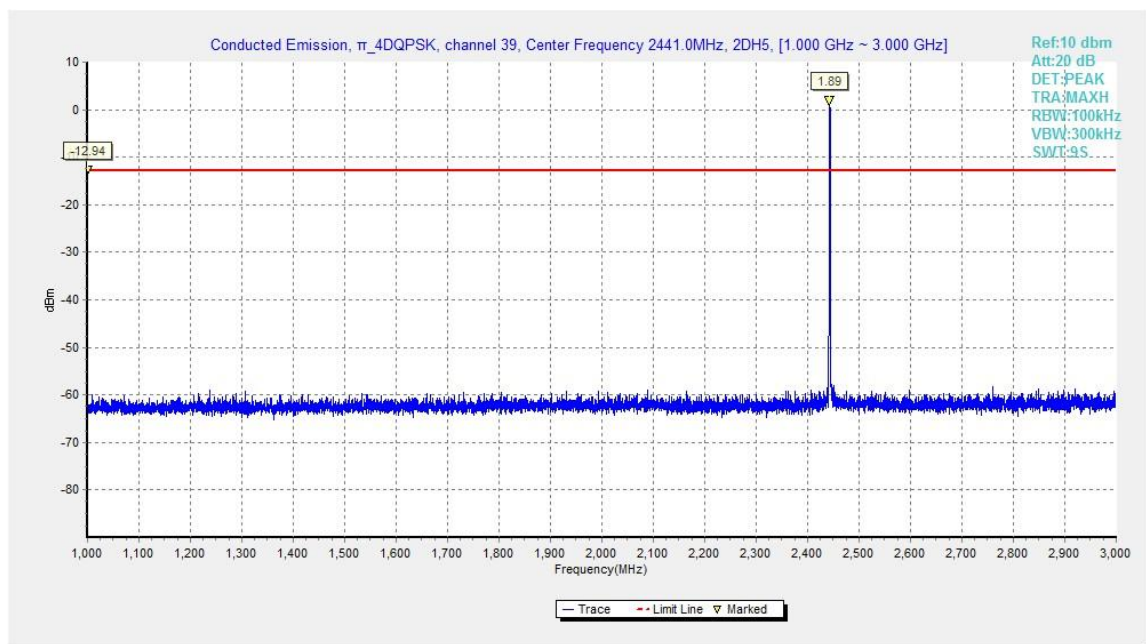


Fig.35. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 39, 1GHz - 3GHz



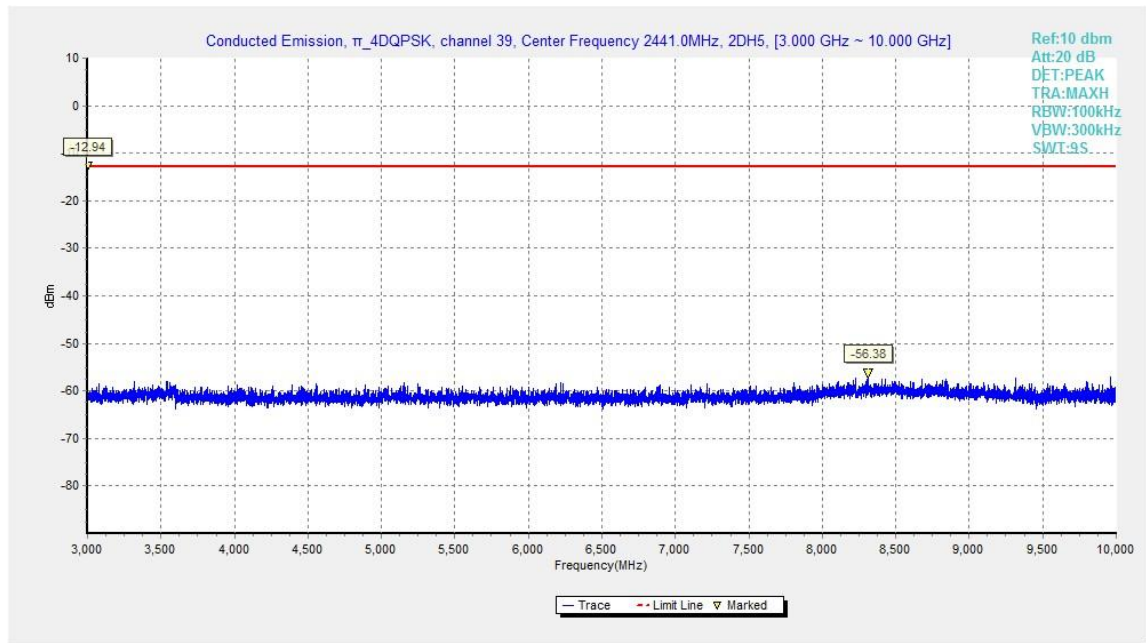


Fig.36. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 39, 3GHz - 10GHz

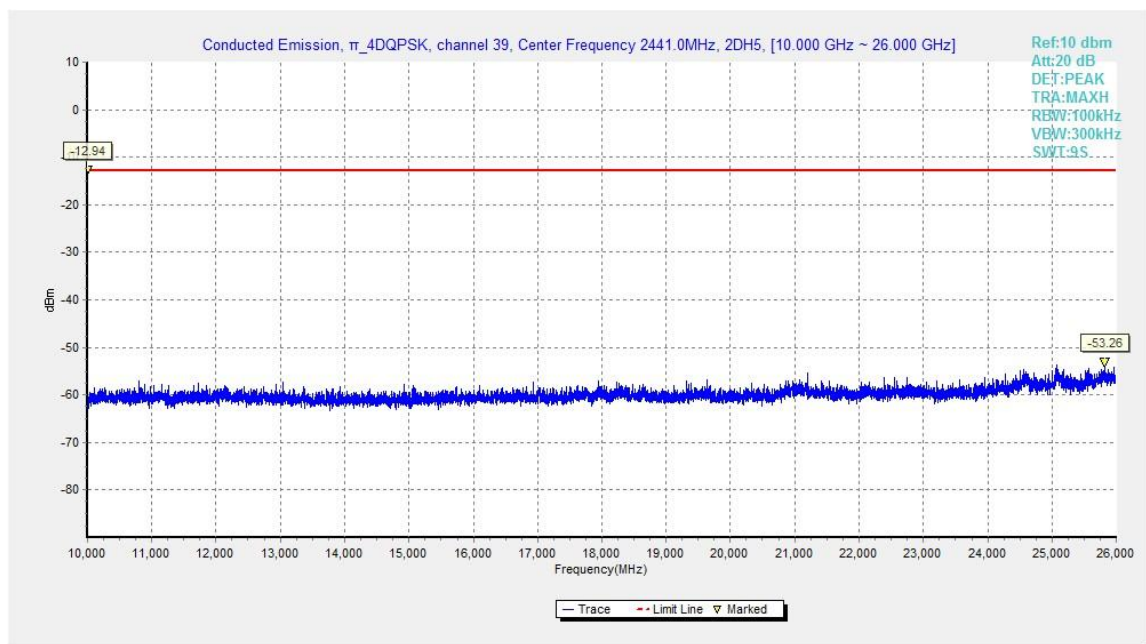


Fig.37. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 39, 10GHz – 26GHz

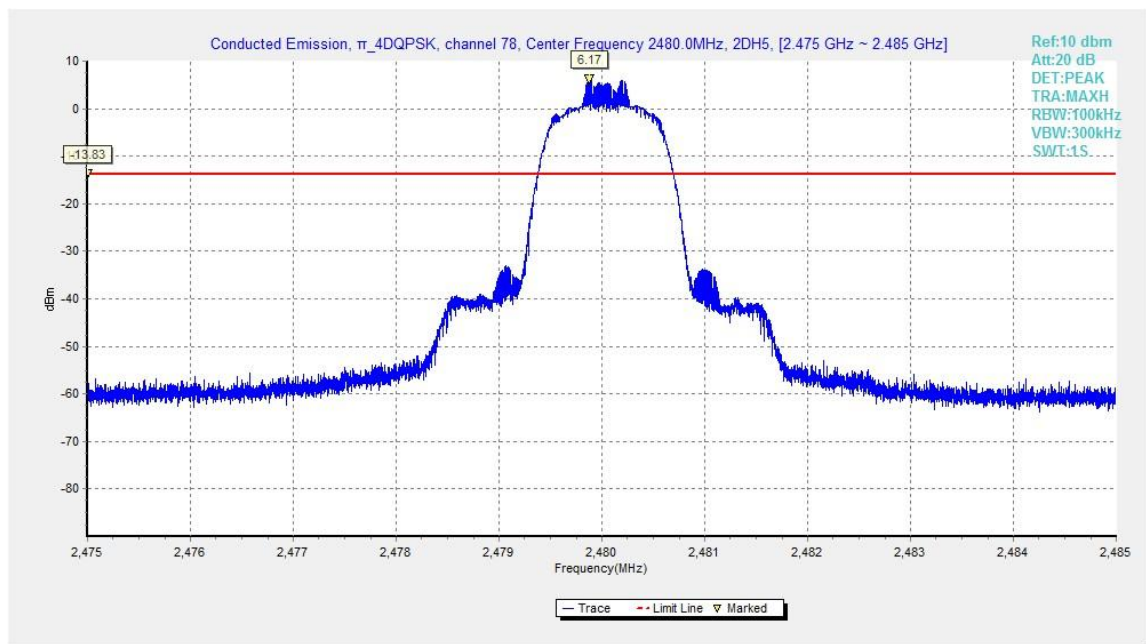


Fig.38. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 78, 2480MHz

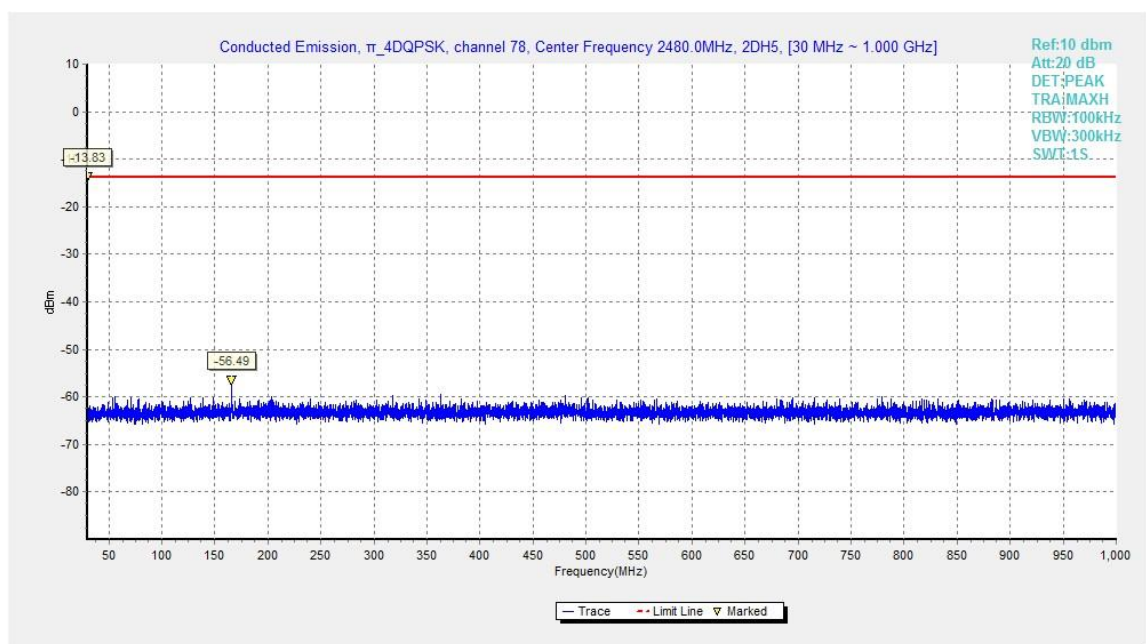


Fig.39. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 78, 30MHz - 1GHz

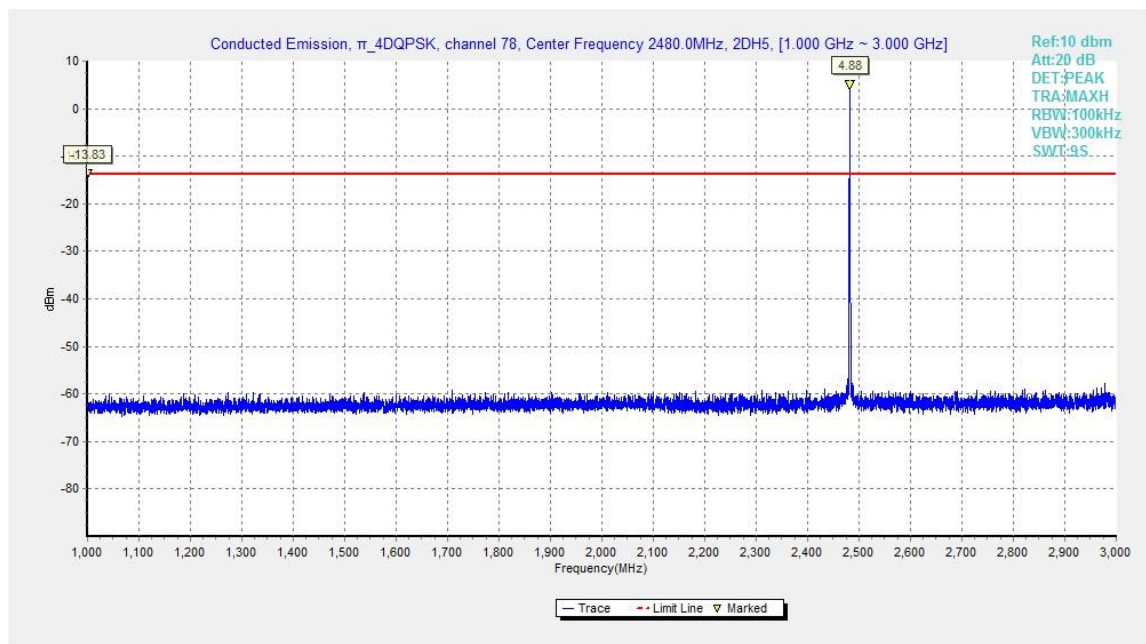


Fig.40. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 78, 1GHz - 3GHz

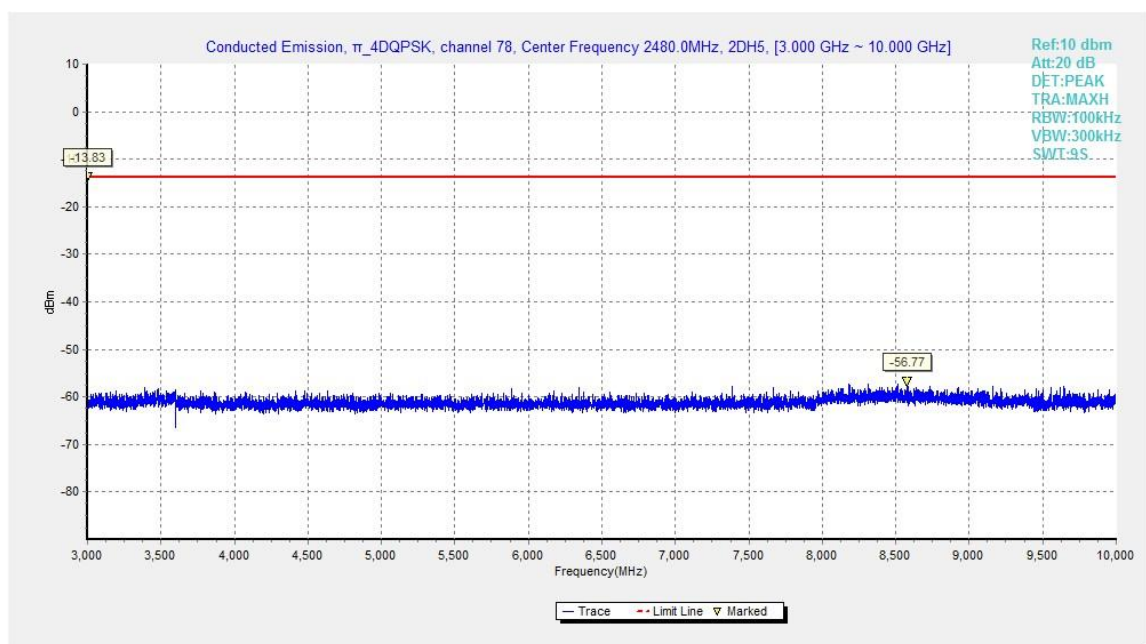


Fig.41. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 78, 3GHz - 10GHz



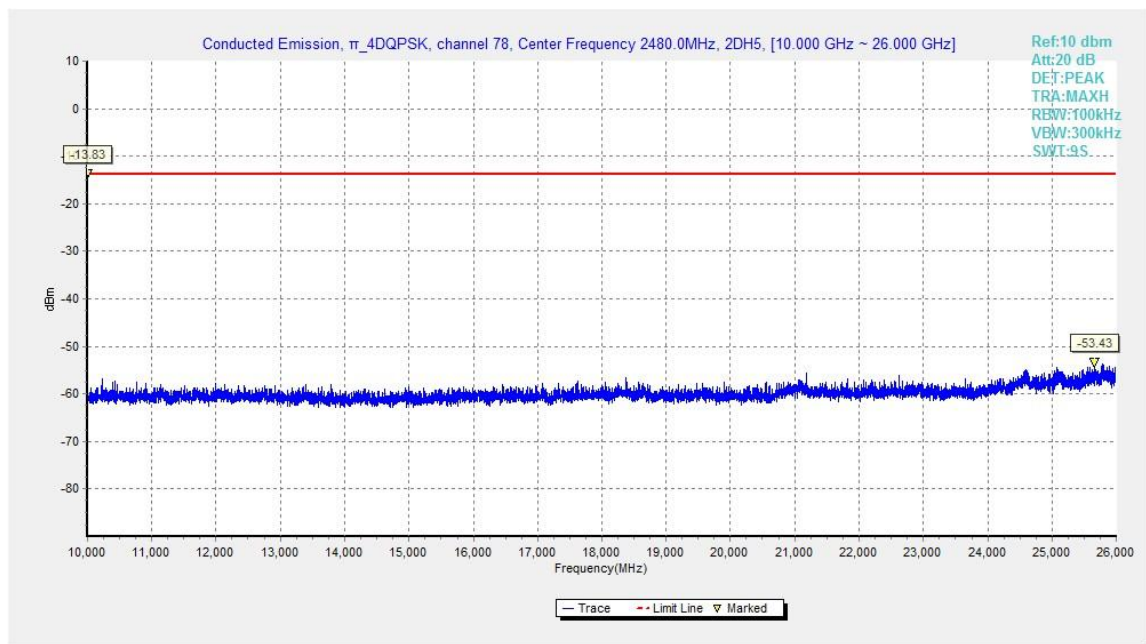


Fig.42. Conducted spurious emission:  $\pi/4$  DQPSK, Channel 78, 10GHz - 26GHz

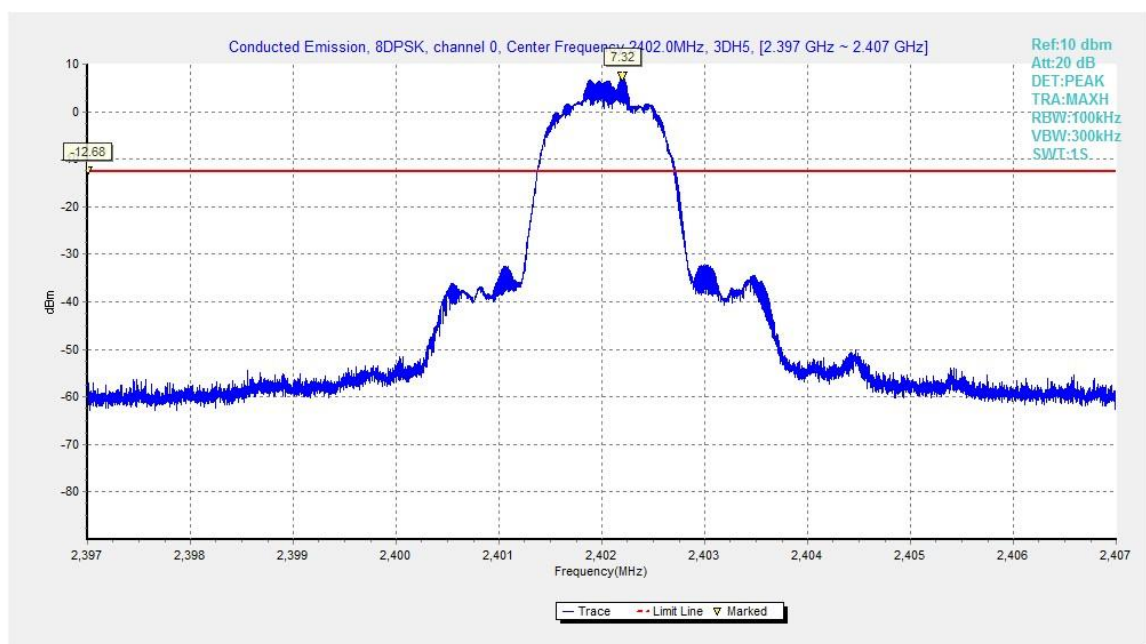


Fig.43. Conducted spurious emission: 8DPSK, Channel 0,2402MHz

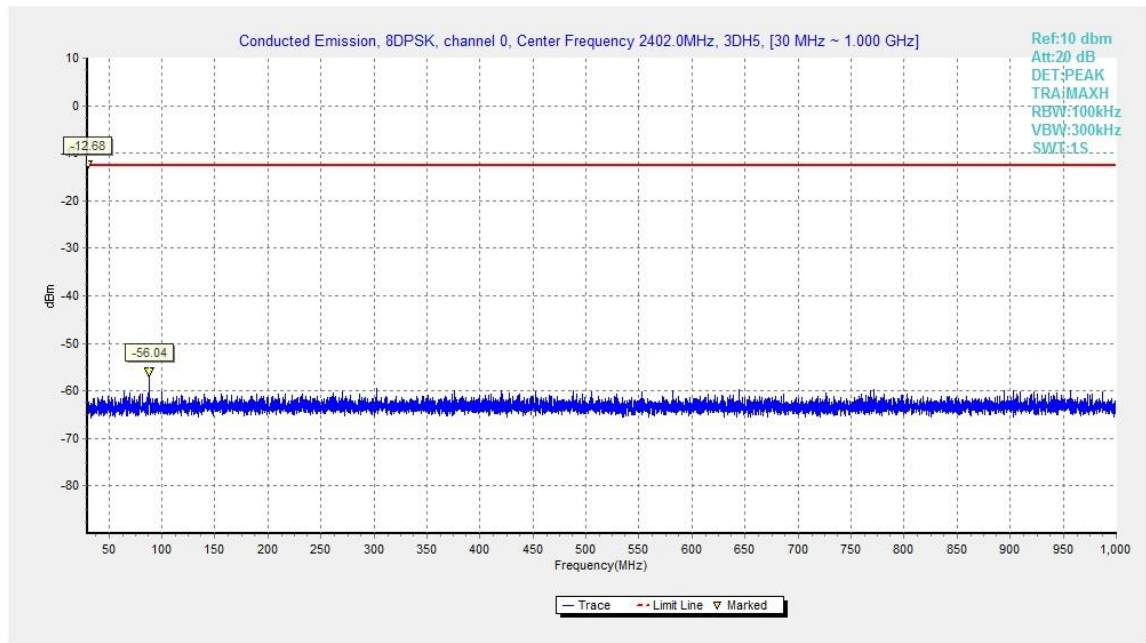


Fig.44. Conducted spurious emission: 8DPSK, Channel 0, 30MHz - 1GHz

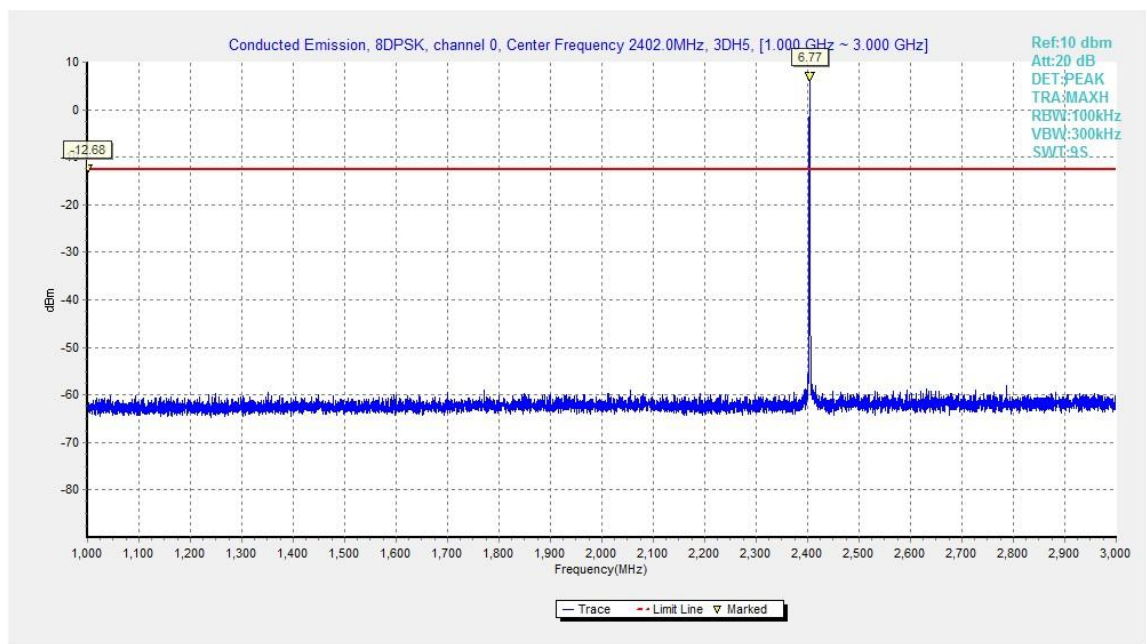


Fig.45. Conducted spurious emission: 8DPSK, Channel 0, 1GHz - 3GHz

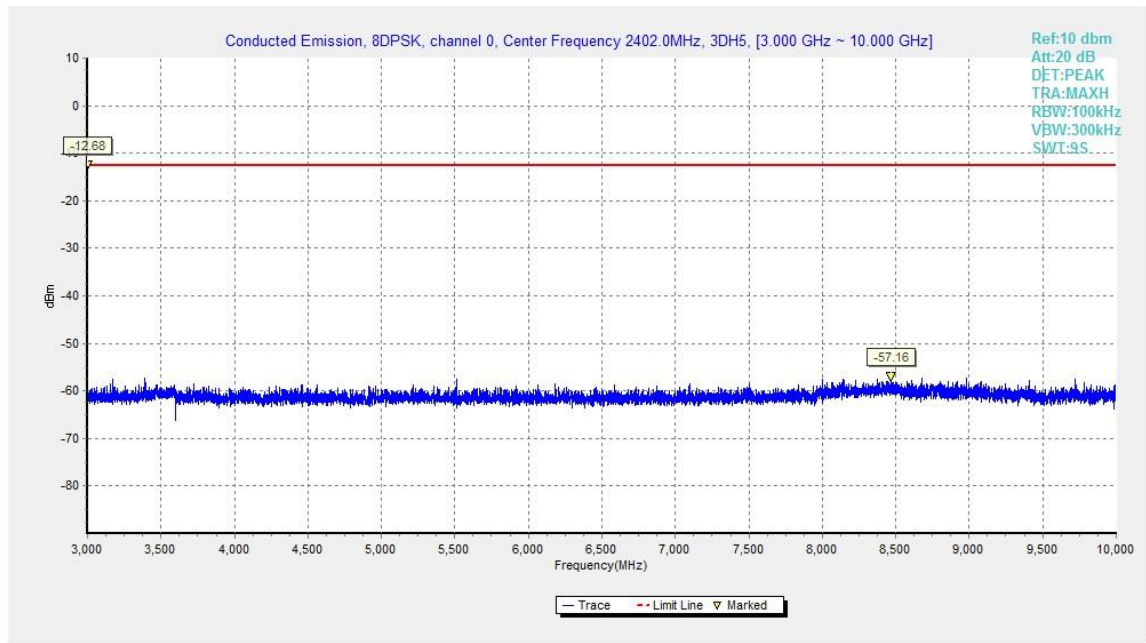


Fig.46. Conducted spurious emission: 8DPSK, Channel 0, 3GHz - 10GHz

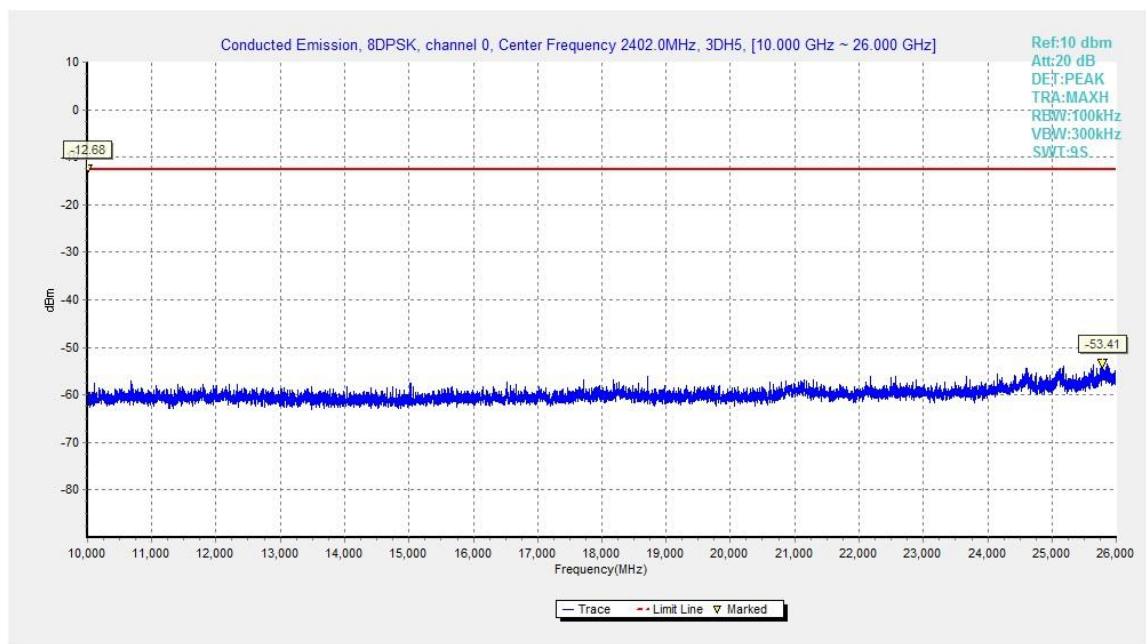


Fig.47. Conducted spurious emission: 8DPSK, Channel 0,10GHz - 26GHz

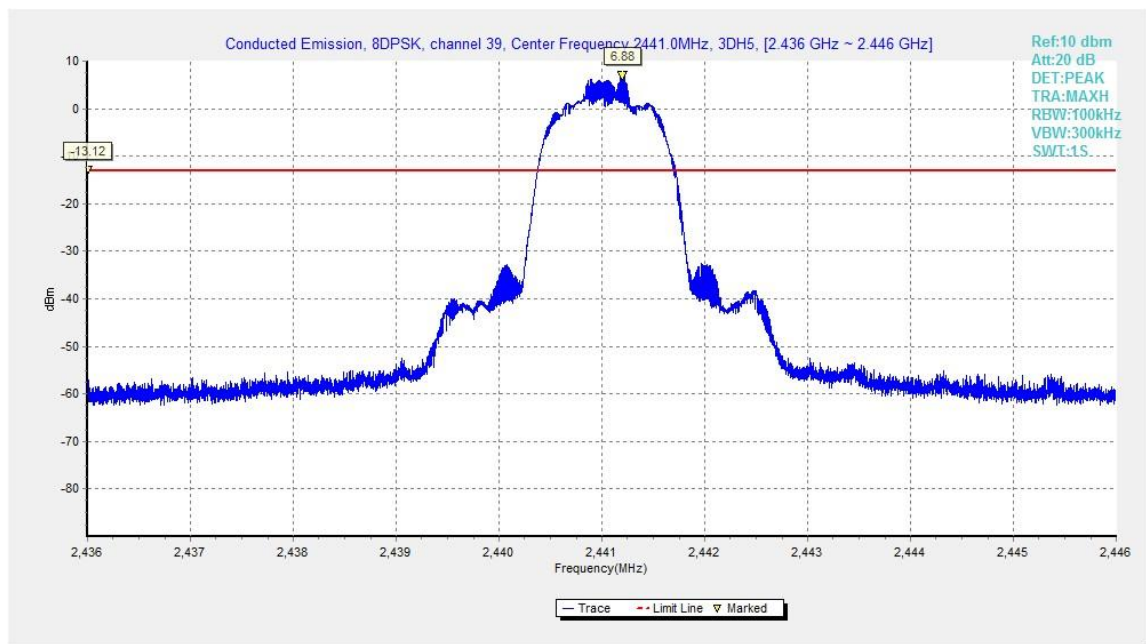


Fig.48. Conducted spurious emission: 8DPSK, Channel 39, 2441MHz

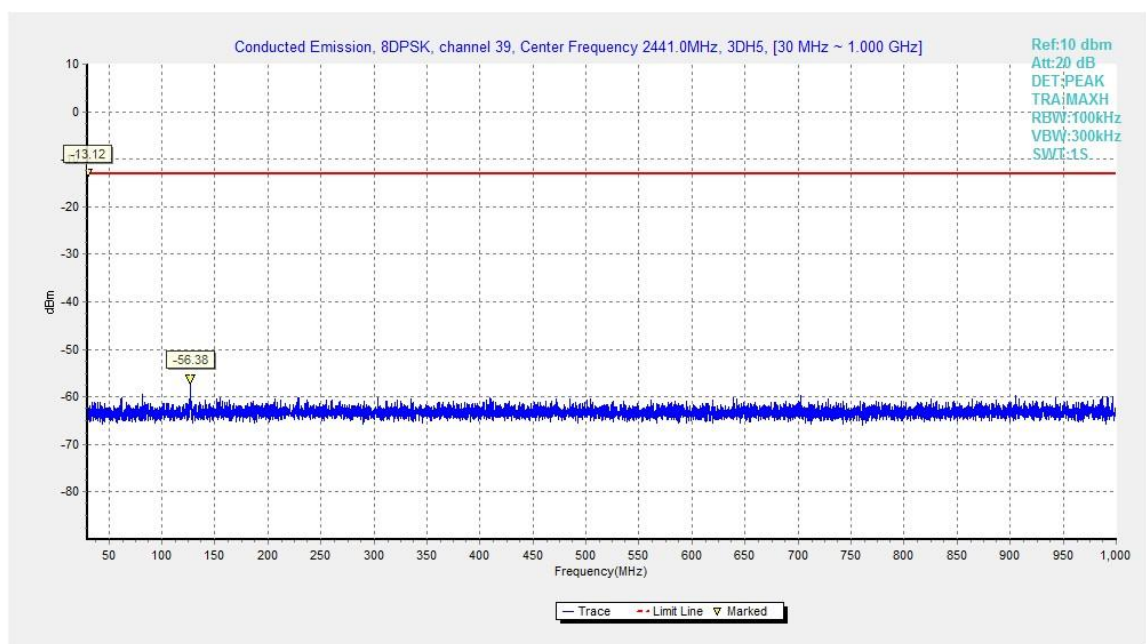


Fig.49. Conducted spurious emission: 8DPSK, Channel 39, 30MHz - 1GHz



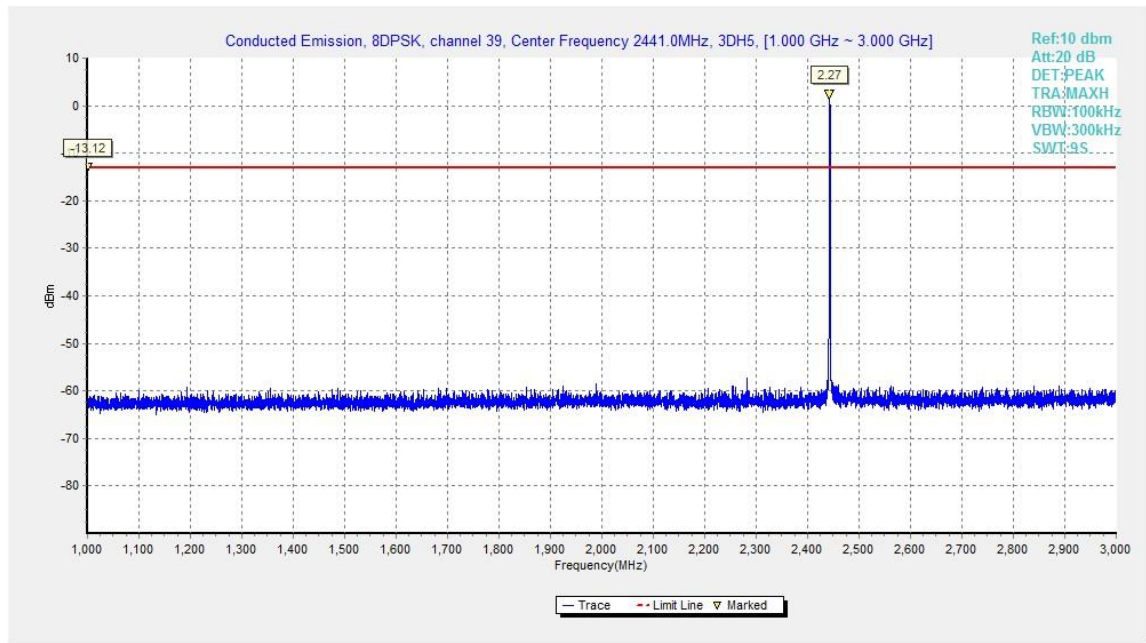


Fig.50. Conducted spurious emission: 8DPSK, Channel 39, 1GHz - 3GHz

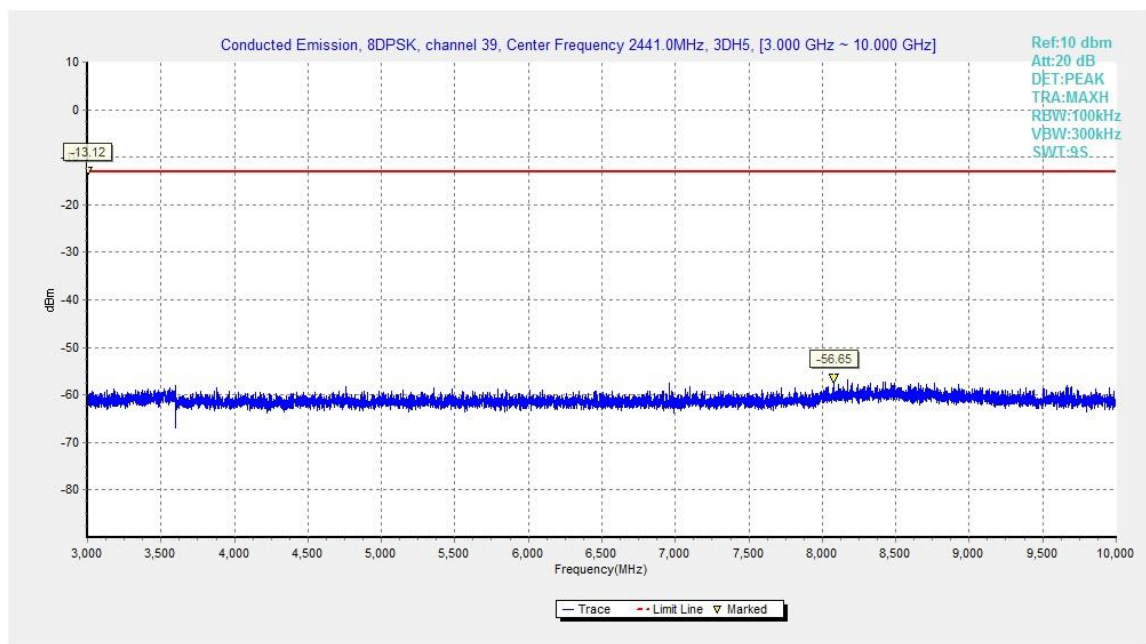


Fig.51. Conducted spurious emission: 8DPSK, Channel 39, 3GHz - 10GHz

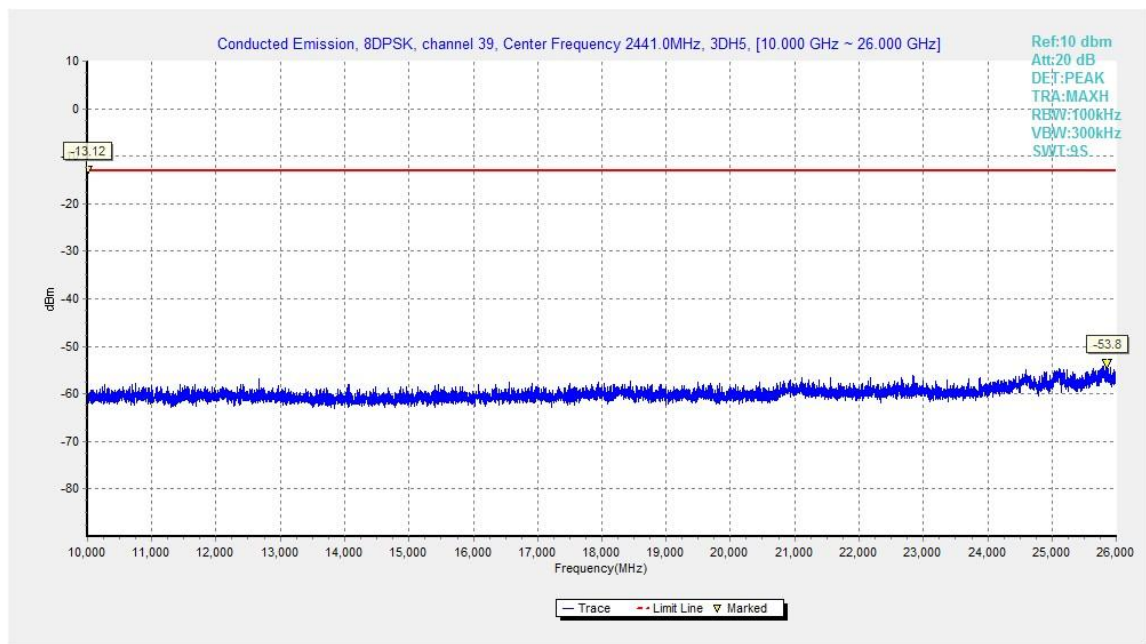


Fig.52. Conducted spurious emission: 8DPSK, Channel 39, 10GHz – 26GHz

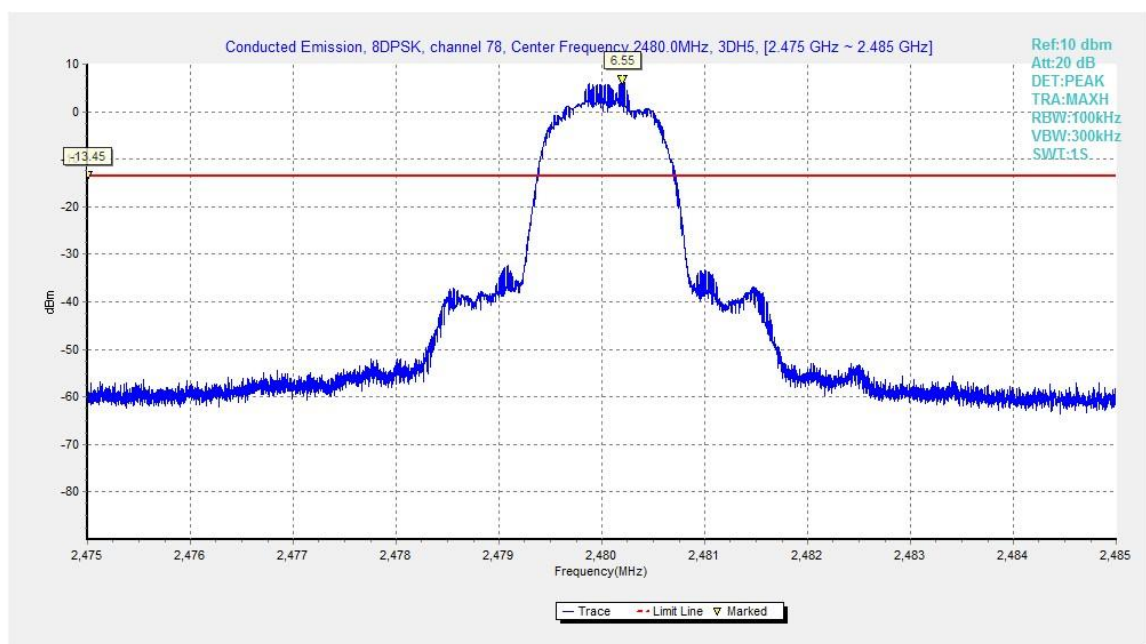


Fig.53. Conducted spurious emission: 8DPSK, Channel 78, 2480MHz