

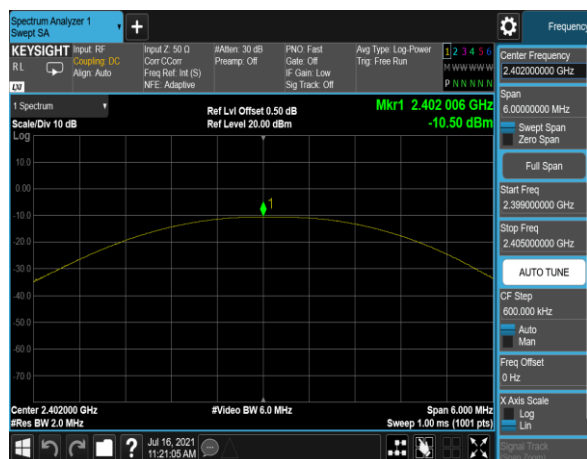
## 1. Transmitter Test results

### 1.1 RF Output Power

#### 1.1.1 Test Result and Data

| BT Maximum Output Power |                      |             |             |        |
|-------------------------|----------------------|-------------|-------------|--------|
| Mode                    | Test Frequency (MHz) | Packet Type | Power (dBm) | Result |
| GFSK                    | 2402                 | DH5         | -10.50      | Pass   |
| GFSK                    | 2441                 | DH5         | -9.82       | Pass   |
| GFSK                    | 2480                 | DH5         | -10.01      | Pass   |
| DQPSK                   | 2402                 | 2DH5        | -9.56       | Pass   |
| DQPSK                   | 2441                 | 2DH5        | -8.92       | Pass   |
| DQPSK                   | 2480                 | 2DH5        | -9.13       | Pass   |
| 8DPSK                   | 2402                 | 3DH5        | -9.11       | Pass   |
| 8DPSK                   | 2441                 | 3DH5        | -8.46       | Pass   |
| 8DPSK                   | 2480                 | 3DH5        | -8.74       | Pass   |

### GFSK,2402MHz,DH5



### GFSK,2441MHz,DH5



### GFSK,2480MHz,DH5



### DQPSK,2402MHz,2DH5



### DQPSK,2441MHz,2DH5



### DQPSK,2480MHz,2DH5



### 8DPSK,2402MHz,3DH5

### 8DPSK,2441MHz,3DH5



8DPSK,2480MHz,3DH5



## 1.2 20dB Down Bandwidth

### 1.2.1 Test Result and Data

| BT Occupied 20dB Bandwidth |                         |             |                         |        |
|----------------------------|-------------------------|-------------|-------------------------|--------|
| Mode                       | Test Frequency<br>(MHz) | Packet Type | 20dB Bandwidth<br>(kHz) | Result |
| GFSK                       | 2402                    | DH5         | 947.0                   | Pass   |
| GFSK                       | 2441                    | DH5         | 946.8                   | Pass   |
| GFSK                       | 2480                    | DH5         | 947.1                   | Pass   |
| DQPSK                      | 2402                    | 2DH5        | 1302.6                  | Pass   |
| DQPSK                      | 2441                    | 2DH5        | 1311.2                  | Pass   |
| DQPSK                      | 2480                    | 2DH5        | 1341.8                  | Pass   |
| 8DPSK                      | 2402                    | 3DH5        | 1293.9                  | Pass   |
| 8DPSK                      | 2441                    | 3DH5        | 1303.9                  | Pass   |
| 8DPSK                      | 2480                    | 3DH5        | 1292.9                  | Pass   |

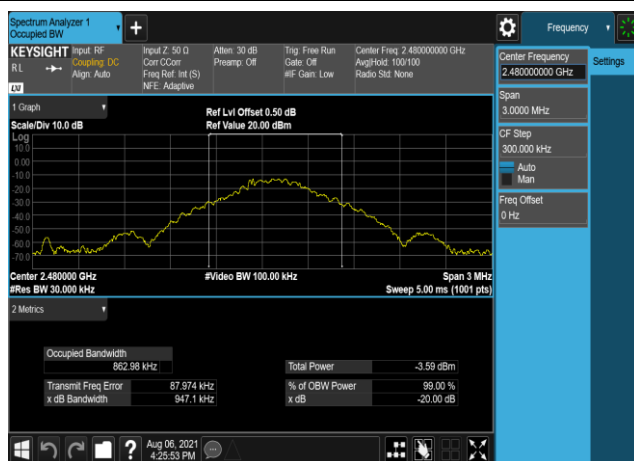
### GFSK,2402MHz,DH5



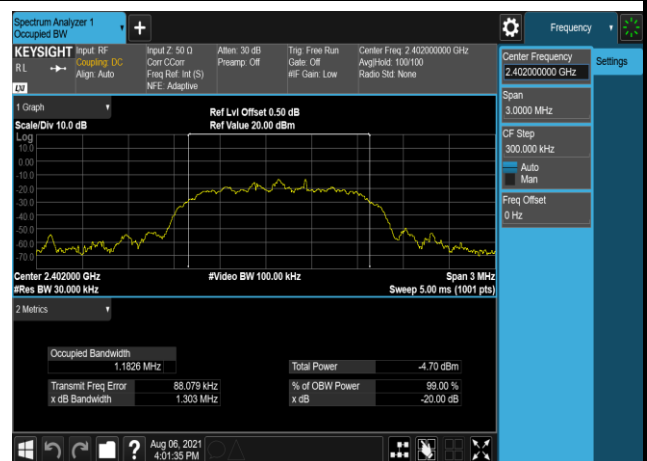
### GFSK,2441MHz,DH5



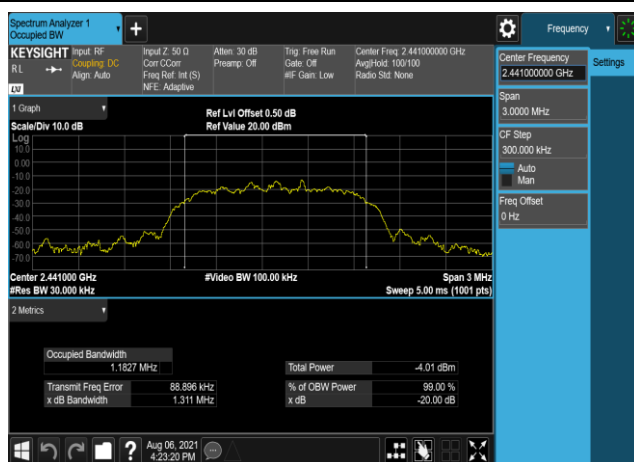
### GFSK,2480MHz,DH5



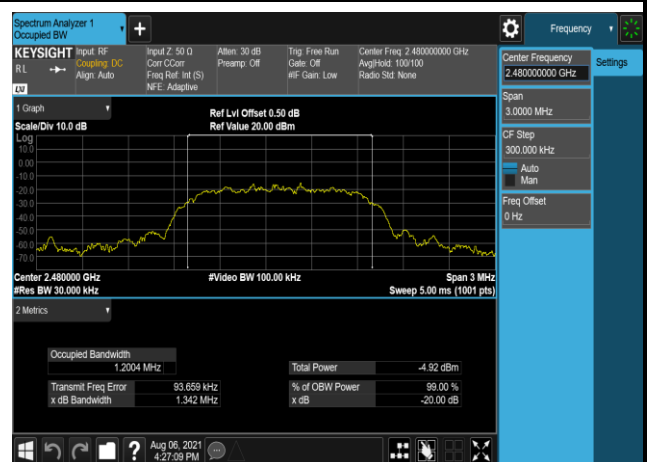
### DQPSK,2402MHz,2DH5



### DQPSK,2441MHz,2DH5



### DQPSK,2480MHz,2DH5

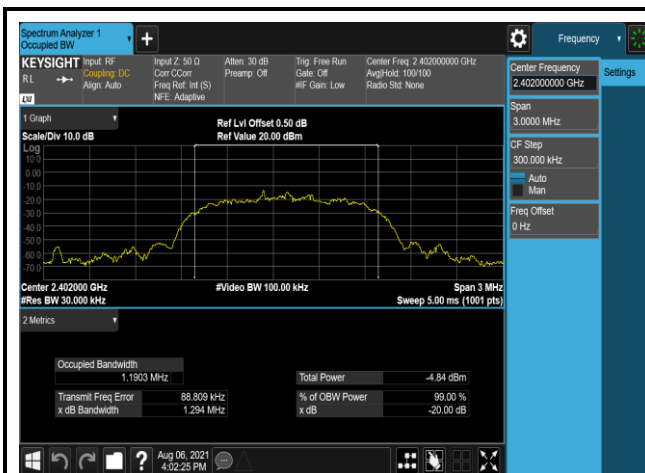


### 8DPSK,2402MHz,3DH5

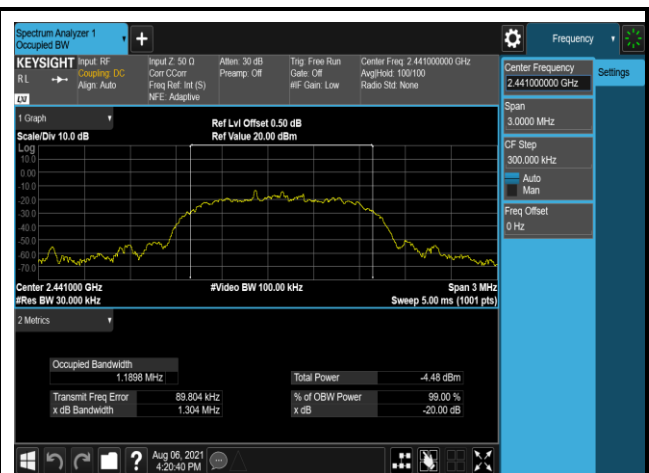
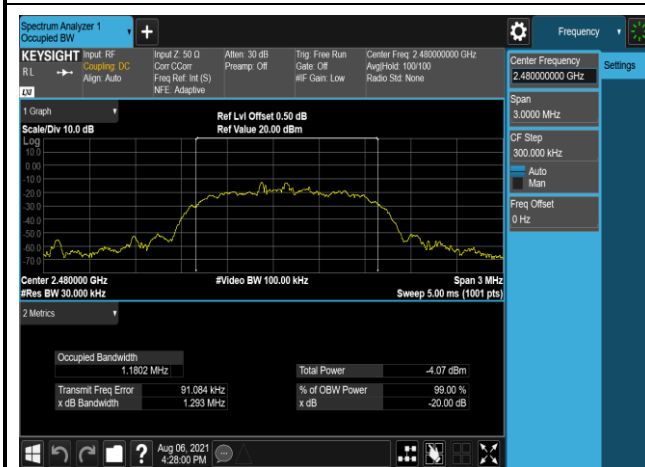


### 8DPSK,2441MHz,3DH5





8DPSK,2480MHz,3DH5



## 1.3 99% BandWidth

### 1.3.1 Test Result and Data

| BT 99% Occupied Bandwidth |                      |             |                              |        |
|---------------------------|----------------------|-------------|------------------------------|--------|
| Mode                      | Test Frequency (MHz) | Packet Type | 99% Occupied Bandwidth (kHz) | Result |
| GFSK                      | 2402                 | DH5         | 854.55                       | Pass   |
| GFSK                      | 2441                 | DH5         | 868.82                       | Pass   |
| GFSK                      | 2480                 | DH5         | 858.28                       | Pass   |
| DQPSK                     | 2402                 | 2DH5        | 1186.21                      | Pass   |
| DQPSK                     | 2441                 | 2DH5        | 1187.38                      | Pass   |
| DQPSK                     | 2480                 | 2DH5        | 1176.16                      | Pass   |
| 8DPSK                     | 2402                 | 3DH5        | 1186.69                      | Pass   |
| 8DPSK                     | 2441                 | 3DH5        | 1187.00                      | Pass   |
| 8DPSK                     | 2480                 | 3DH5        | 1191.26                      | Pass   |

### GFSK,2402MHz,DH5



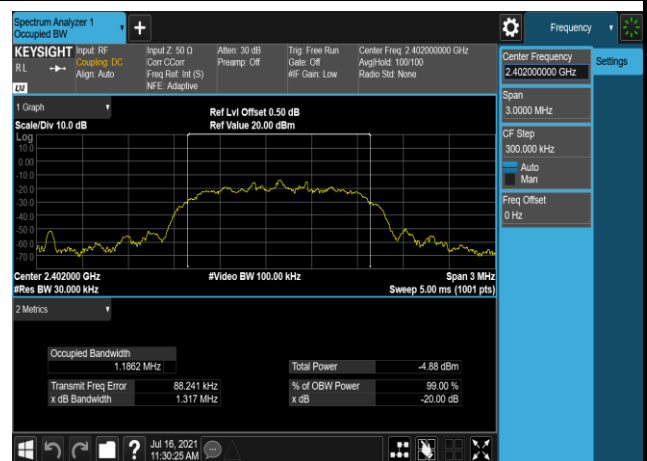
### GFSK,2441MHz,DH5



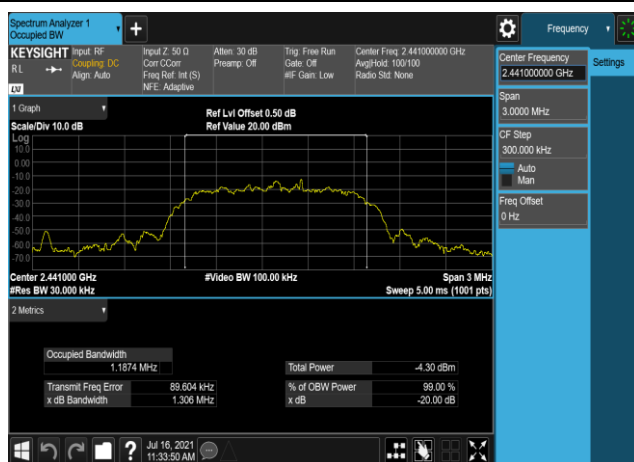
### GFSK,2480MHz,DH5



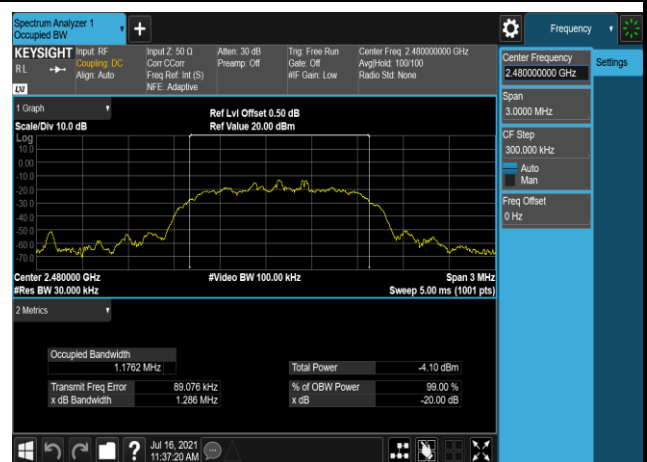
### DQPSK,2402MHz,2DH5



### DQPSK,2441MHz,2DH5

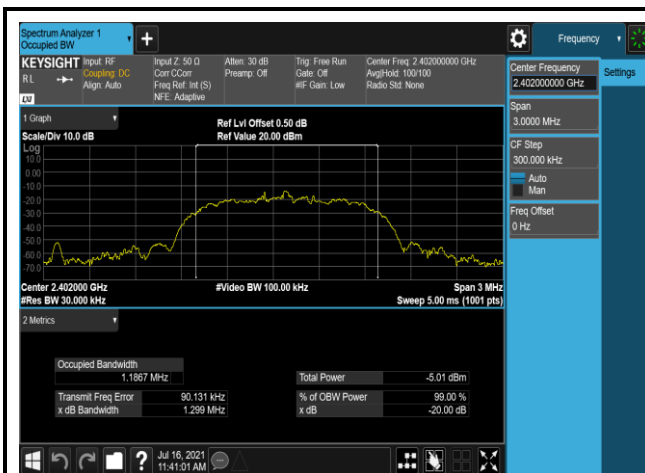


### DQPSK,2480MHz,2DH5

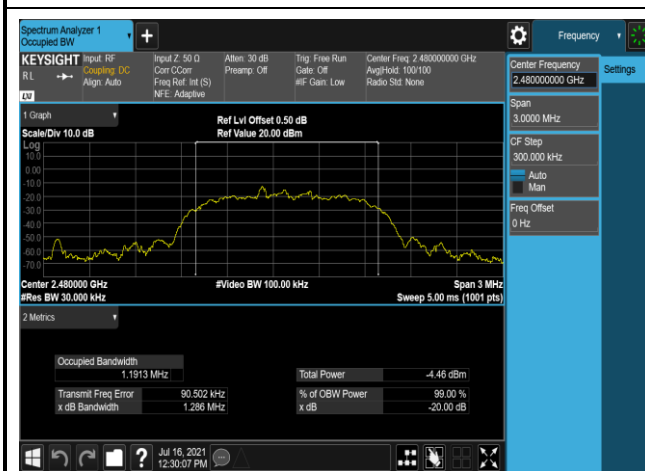
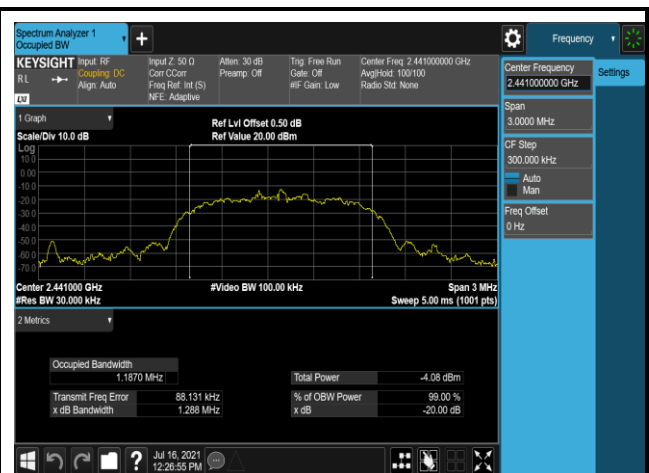


### 8DPSK,2402MHz,3DH5

### 8DPSK,2441MHz,3DH5



8DPSK,2480MHz,3DH5



## 1.4 Transmitter Spurious Emission

### 1.4.1 Test Result and Data

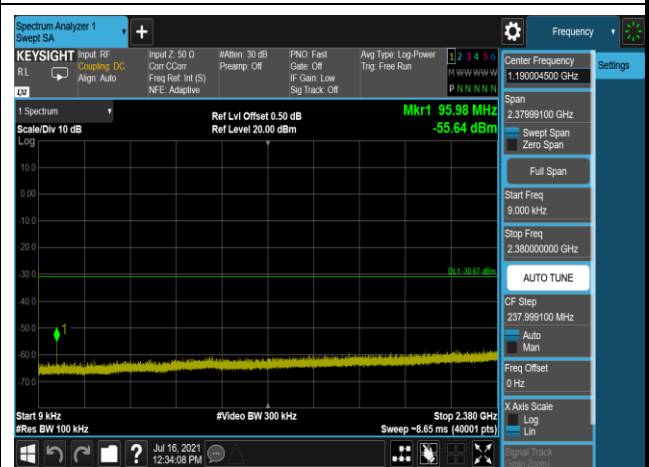
| BT Transmitter Spurious Emission |                      |             |                   |             |        |
|----------------------------------|----------------------|-------------|-------------------|-------------|--------|
| Mode                             | Test Frequency (MHz) | Packet Type | Frequency Range   | Power (dBm) | Result |
| GFSK                             | 2402                 | DH5         | 0.009MHz~2380MHz  | -55.64      | Pass   |
| GFSK                             | 2402                 | DH5         | 10000MHz~25000MHz | -51.08      | Pass   |
| GFSK                             | 2402                 | DH5         | 2410MHz~10000MHz  | -49.18      | Pass   |
| GFSK                             | 2402                 | DH5         | Band Edge         | -48.63      | Pass   |
| GFSK                             | 2441                 | DH5         | 0.009MHz~2300MHz  | -57.47      | Pass   |
| GFSK                             | 2441                 | DH5         | 10000MHz~25000MHz | -49.84      | Pass   |
| GFSK                             | 2441                 | DH5         | 2500MHz~10000MHz  | -51.28      | Pass   |
| GFSK                             | 2441                 | DH5         | Band Edge         | -59.09      | Pass   |
| GFSK                             | 2480                 | DH5         | 0.009MHz~2475MHz  | -54.88      | Pass   |
| GFSK                             | 2480                 | DH5         | 10000MHz~25000MHz | -50.01      | Pass   |
| GFSK                             | 2480                 | DH5         | 2505MHz~10000MHz  | -52.48      | Pass   |
| GFSK                             | 2480                 | DH5         | Band Edge         | -57.72      | Pass   |
| DQPSK                            | 2402                 | 2DH5        | 0.009MHz~2380MHz  | -54.80      | Pass   |
| DQPSK                            | 2402                 | 2DH5        | 10000MHz~25000MHz | -50.84      | Pass   |
| DQPSK                            | 2402                 | 2DH5        | 2410MHz~10000MHz  | -48.79      | Pass   |
| DQPSK                            | 2402                 | 2DH5        | Band Edge         | -48.52      | Pass   |
| DQPSK                            | 2441                 | 2DH5        | 0.009MHz~2300MHz  | -50.90      | Pass   |
| DQPSK                            | 2441                 | 2DH5        | 10000MHz~25000MHz | -50.07      | Pass   |
| DQPSK                            | 2441                 | 2DH5        | 2500MHz~10000MHz  | -51.46      | Pass   |
| DQPSK                            | 2441                 | 2DH5        | Band Edge         | -59.21      | Pass   |
| DQPSK                            | 2480                 | 2DH5        | 0.009MHz~2475MHz  | -56.01      | Pass   |

|       |      |      |                   |        |      |
|-------|------|------|-------------------|--------|------|
| DQPSK | 2480 | 2DH5 | 10000MHz~25000MHz | -50.52 | Pass |
| DQPSK | 2480 | 2DH5 | 2505MHz~10000MHz  | -52.57 | Pass |
| DQPSK | 2480 | 2DH5 | Band Edge         | -56.45 | Pass |
| 8DPSK | 2402 | 3DH5 | 0.009MHz~2380MHz  | -55.29 | Pass |
| 8DPSK | 2402 | 3DH5 | 10000MHz~25000MHz | -51.07 | Pass |
| 8DPSK | 2402 | 3DH5 | 2410MHz~10000MHz  | -48.73 | Pass |
| 8DPSK | 2402 | 3DH5 | Band Edge         | -48.47 | Pass |
| 8DPSK | 2441 | 3DH5 | 0.009MHz~2300MHz  | -55.69 | Pass |
| 8DPSK | 2441 | 3DH5 | 10000MHz~25000MHz | -50.52 | Pass |
| 8DPSK | 2441 | 3DH5 | 2500MHz~10000MHz  | -47.37 | Pass |
| 8DPSK | 2441 | 3DH5 | Band Edge         | -57.18 | Pass |
| 8DPSK | 2480 | 3DH5 | 0.009MHz~2475MHz  | -54.92 | Pass |
| 8DPSK | 2480 | 3DH5 | 10000MHz~25000MHz | -50.56 | Pass |
| 8DPSK | 2480 | 3DH5 | 2505MHz~10000MHz  | -53.63 | Pass |
| 8DPSK | 2480 | 3DH5 | Band Edge         | -58.26 | Pass |

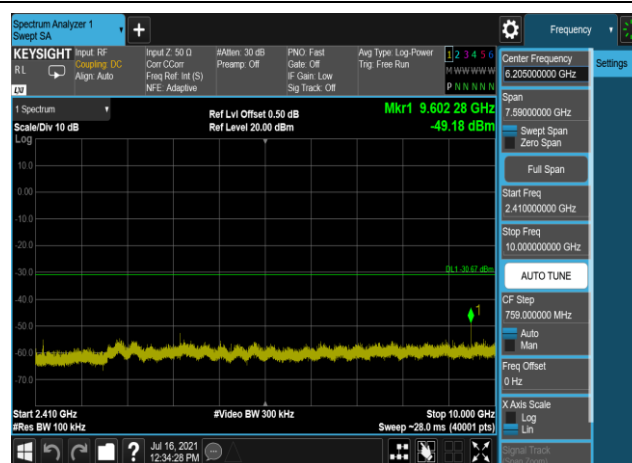
GFSK,2402MHz,DH5,Plot 1,Band Edge



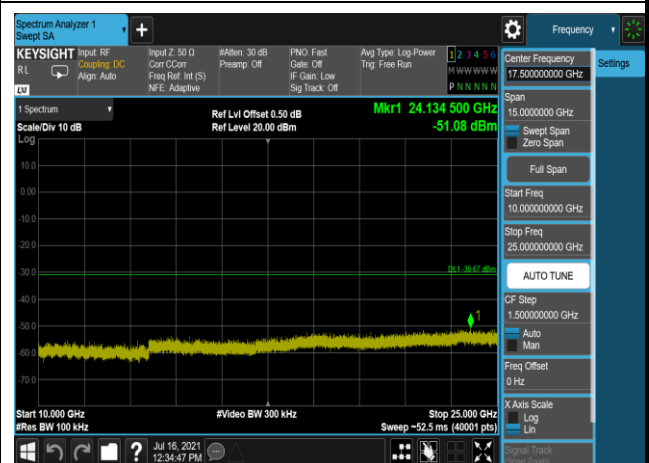
GFSK,2402MHz,DH5,Plot 2,0.009MHz~2380 MHz



GFSK,2402MHz,DH5,Plot 3,2410MHz~10000 MHz



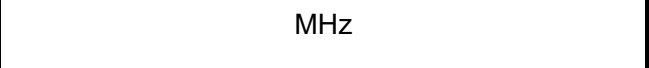
GFSK,2402MHz,DH5,Plot 4,10000MHz~25000 MHz

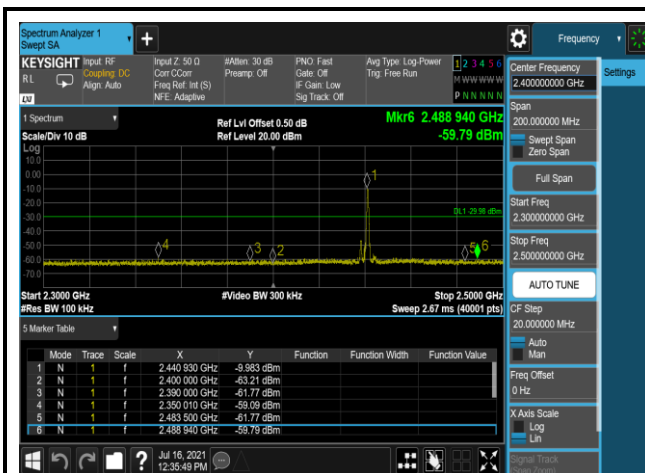


GFSK,2441MHz,DH5,Plot 1,Band Edge



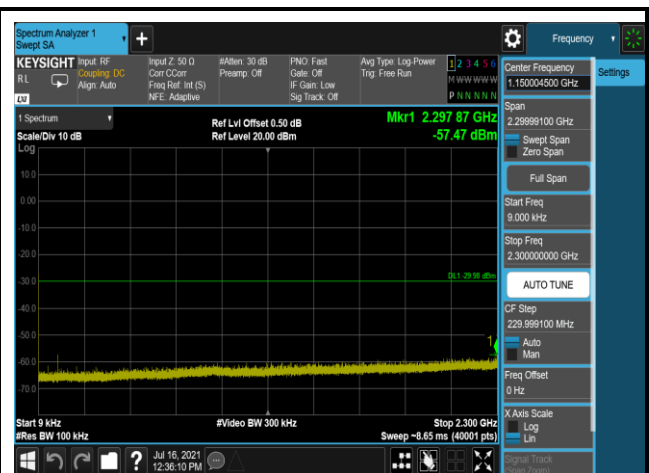
GFSK,2441MHz,DH5,Plot 2,0.009MHz~2300 MHz





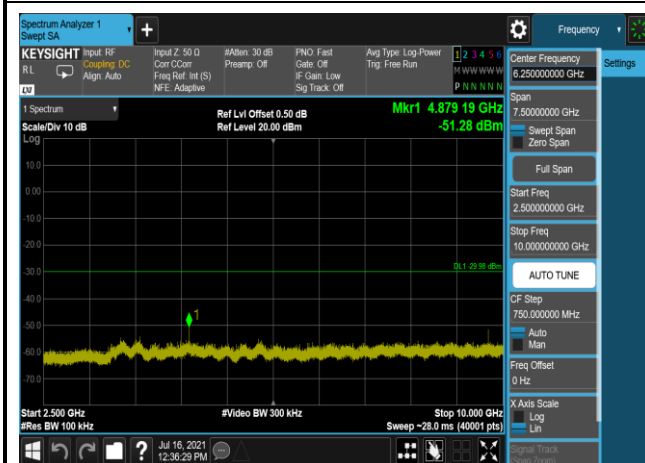
GFSK,2441MHz,DH5,Plot 3,2500MHz~10000

MHz

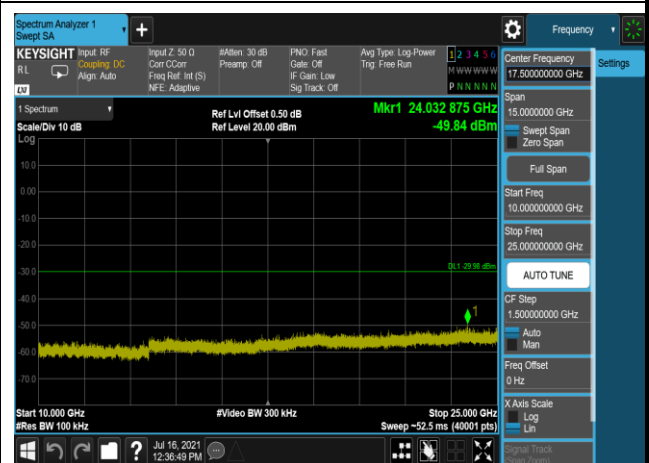


GFSK,2441MHz,DH5,Plot 4,10000MHz~2500

0MHz

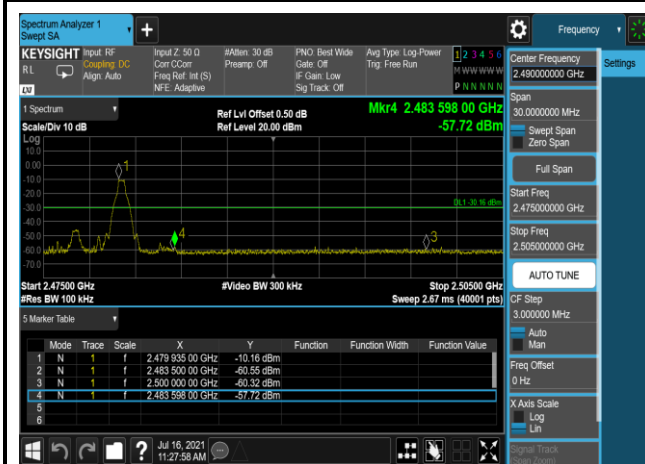


GFSK,2480MHz,DH5,Plot 1,Band Edge



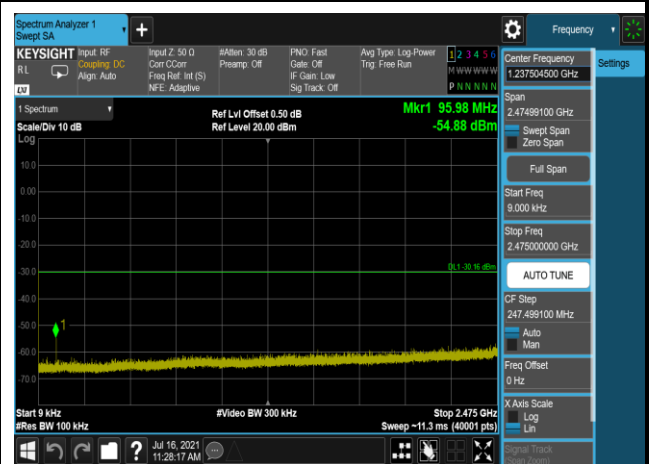
GFSK,2480MHz,DH5,Plot 2,0.009MHz~2475

MHz



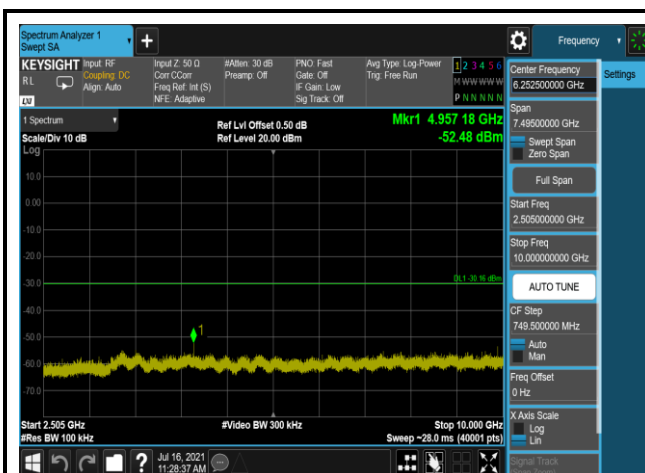
GFSK,2480MHz,DH5,Plot 3,2505MHz~10000

MHz



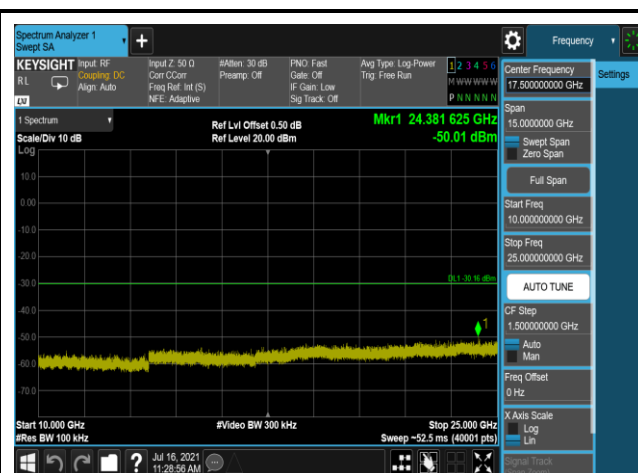
GFSK,2480MHz,DH5,Plot 4,10000MHz~2500

0MHz



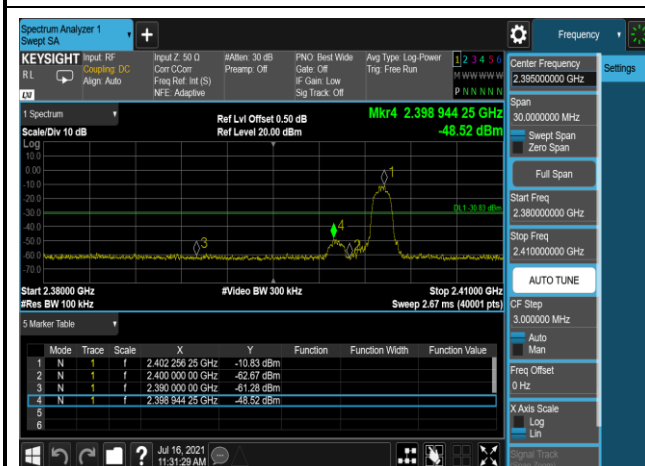
DQPSK,2402MHz,2DH5,Plot 1,Band

Edge



DQPSK,2402MHz,2DH5,Plot 2,0.009MHz~23

80MHz



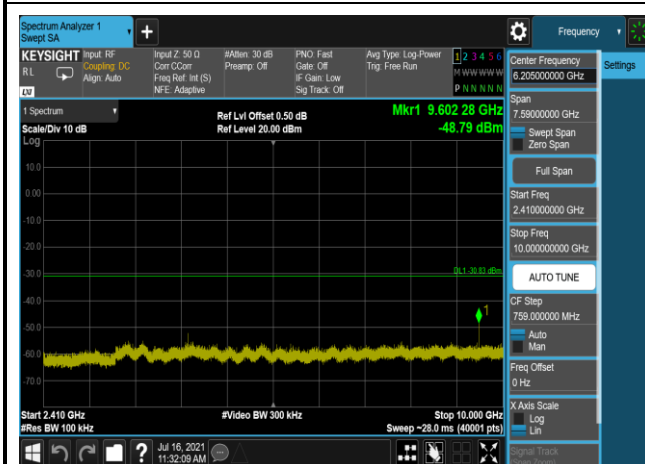
DQPSK,2402MHz,2DH5,Plot 3,2410MHz~100

00MHz



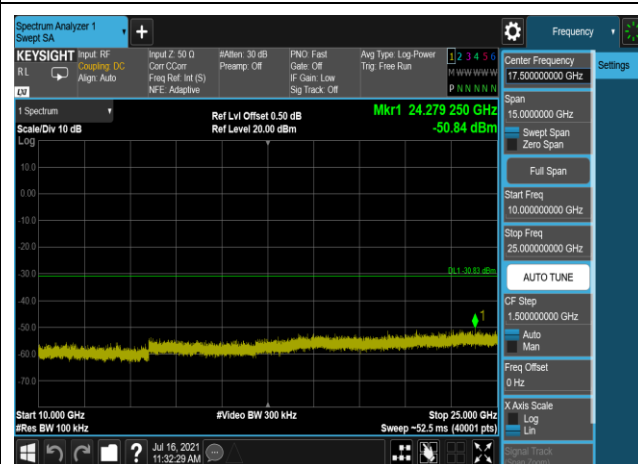
DQPSK,2402MHz,2DH5,Plot 4,10000MHz~25

000MHz



DQPSK,2441MHz,2DH5,Plot 1,Band

Edge



DQPSK,2441MHz,2DH5,Plot 2,0.009MHz~23

00MHz