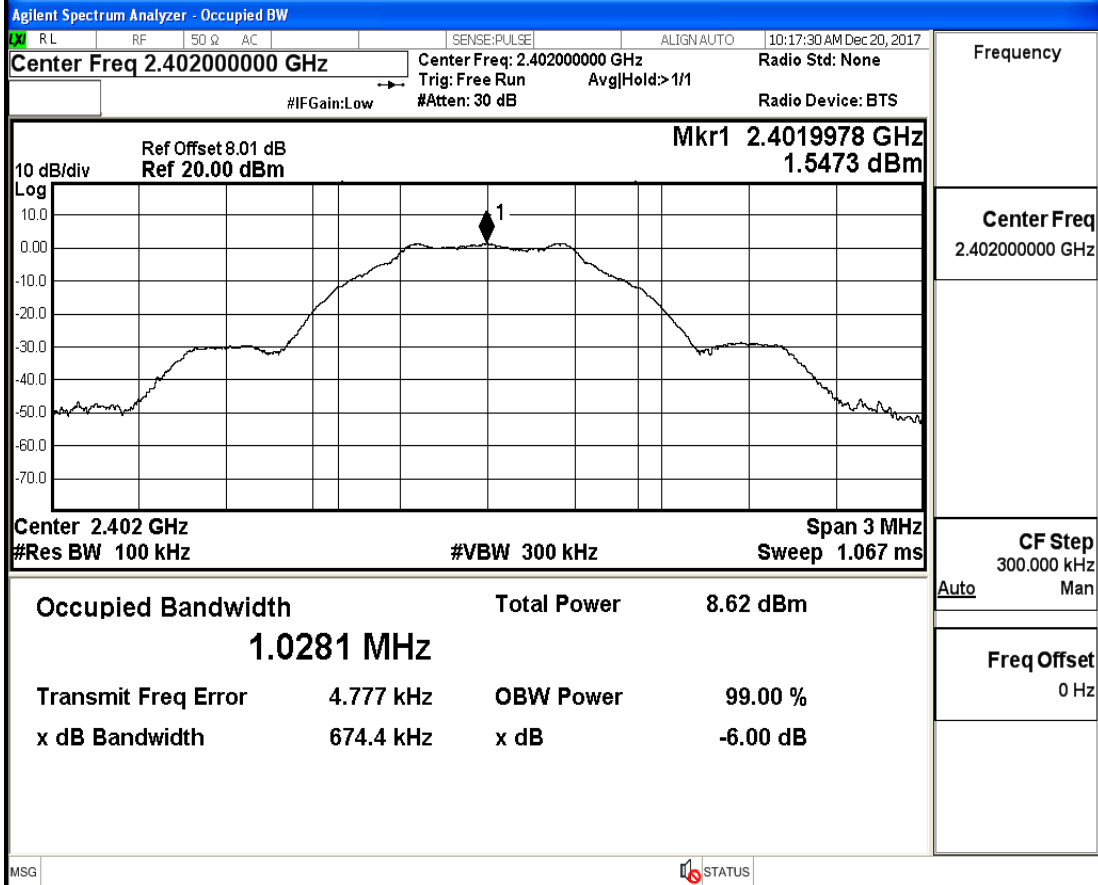


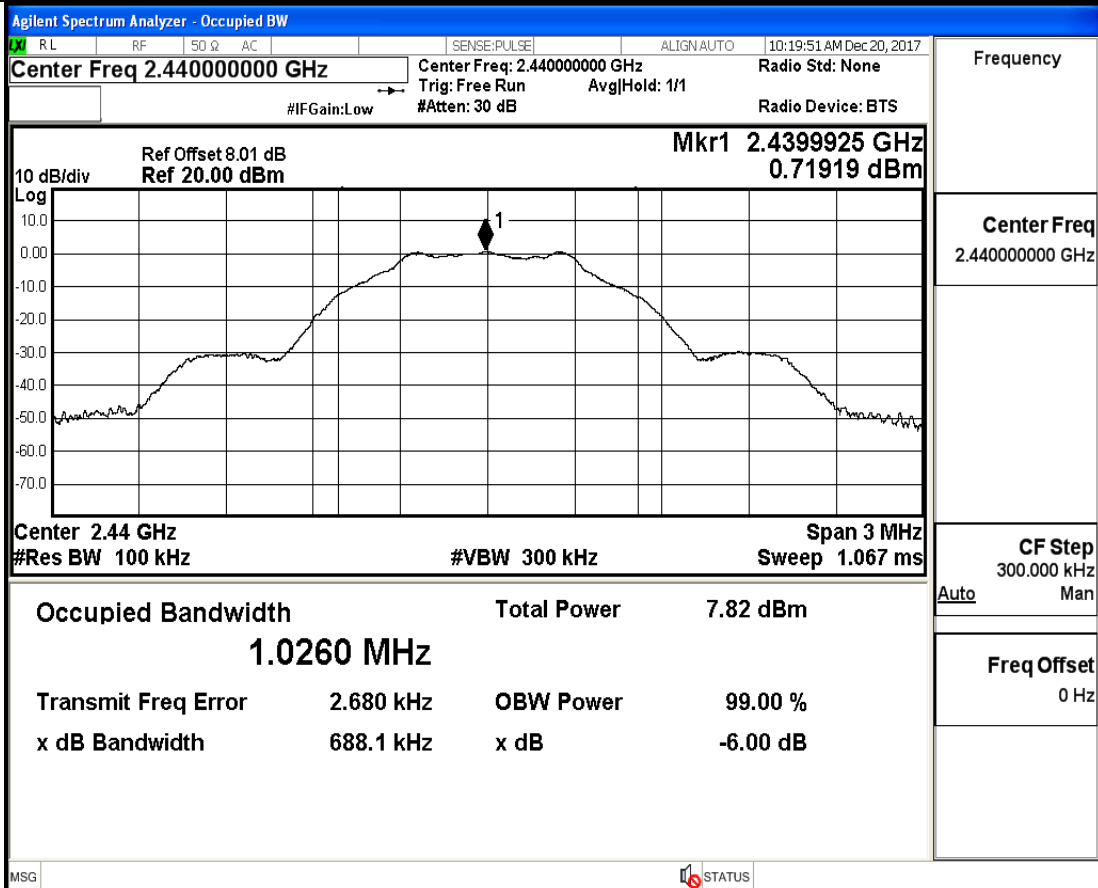
**1.6dB Bandwidth**

| Test Mode | Test Channel | Ant  | EBW[MHz] | Limit | Verdict |
|-----------|--------------|------|----------|-------|---------|
| BLE       | 2402         | Ant1 | 0.6744   | 0.5   | PASS    |
| BLE       | 2440         | Ant1 | 0.6881   | 0.5   | PASS    |
| BLE       | 2480         | Ant1 | 0.6892   | 0.5   | PASS    |

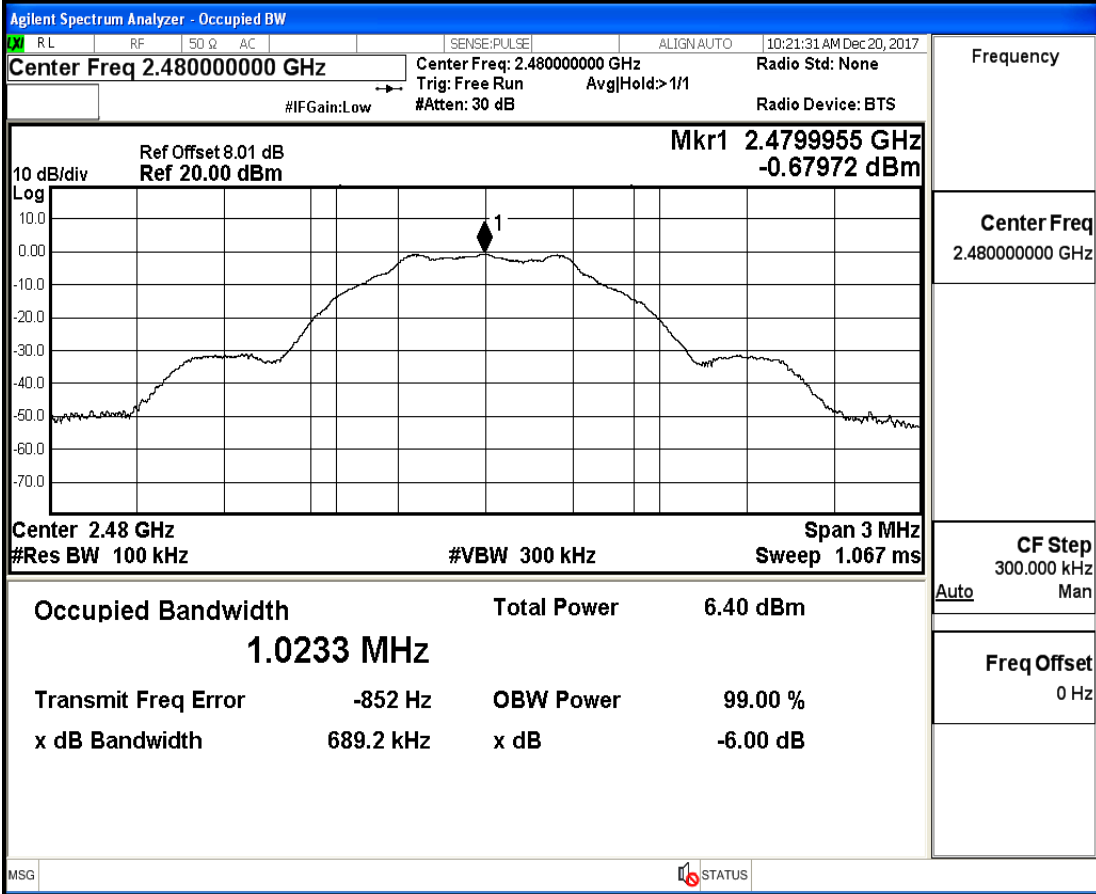
## 6dB Bandwidth\_BLE\_2402\_Ant1



## 6dB Bandwidth\_BLE\_2440\_Ant1



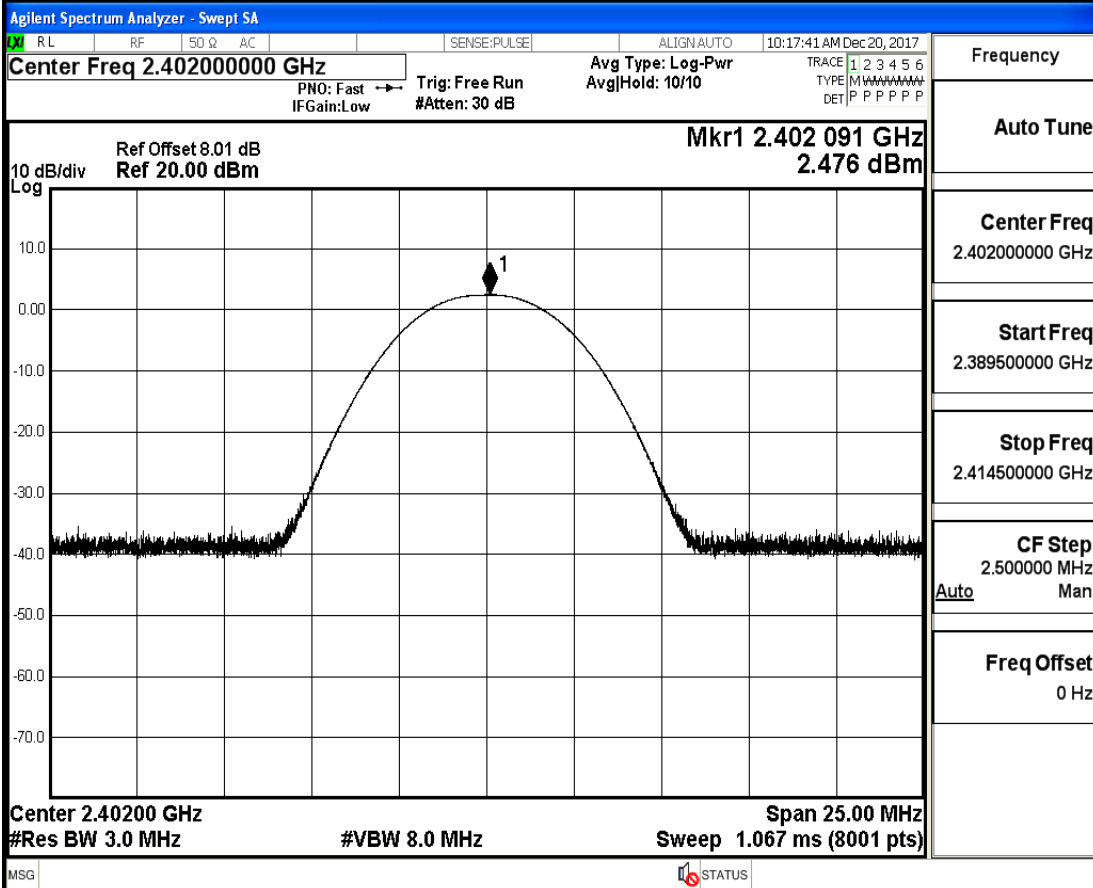
## 6dB Bandwidth\_BLE\_2480\_Ant1



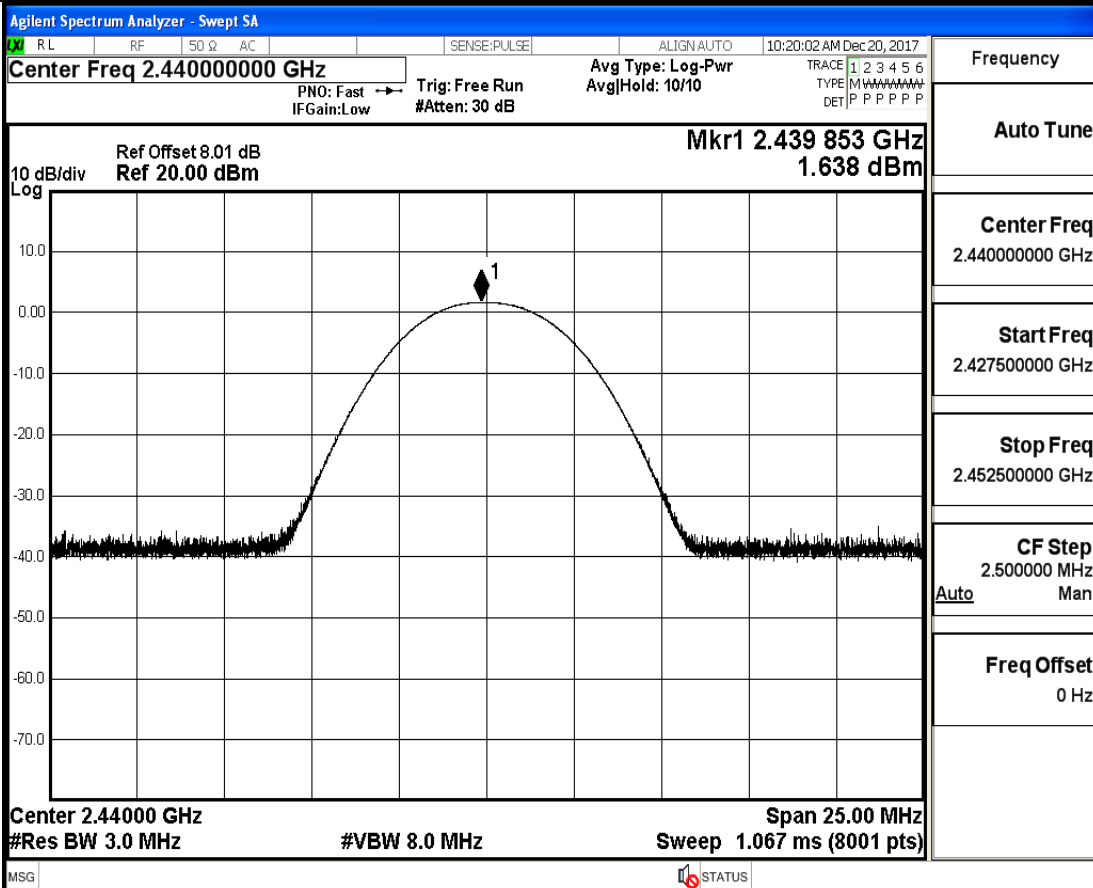
**2.Maximum peak conducted output power**

| Test Mode | Test Channel | Ant  | Power[dBm] | Limit[dBm] | Verdict |
|-----------|--------------|------|------------|------------|---------|
| BLE       | 2402         | Ant1 | 2.476      | 30         | PASS    |
| BLE       | 2440         | Ant1 | 1.638      | 30         | PASS    |
| BLE       | 2480         | Ant1 | 0.337      | 30         | PASS    |

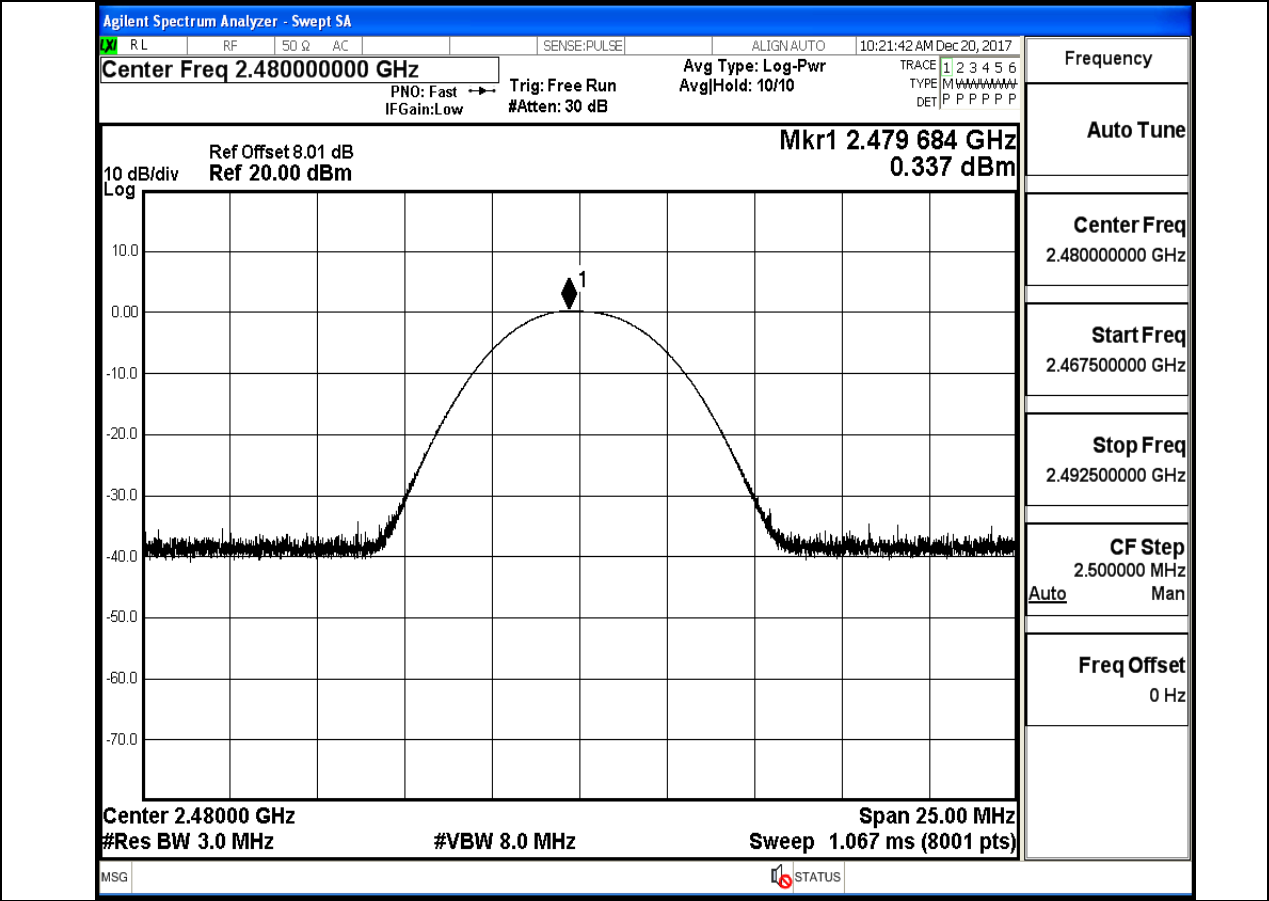
## Maximum peak conducted output power\_BLE\_2402\_Ant1



## Maximum peak conducted output power\_BLE\_2440\_Ant1



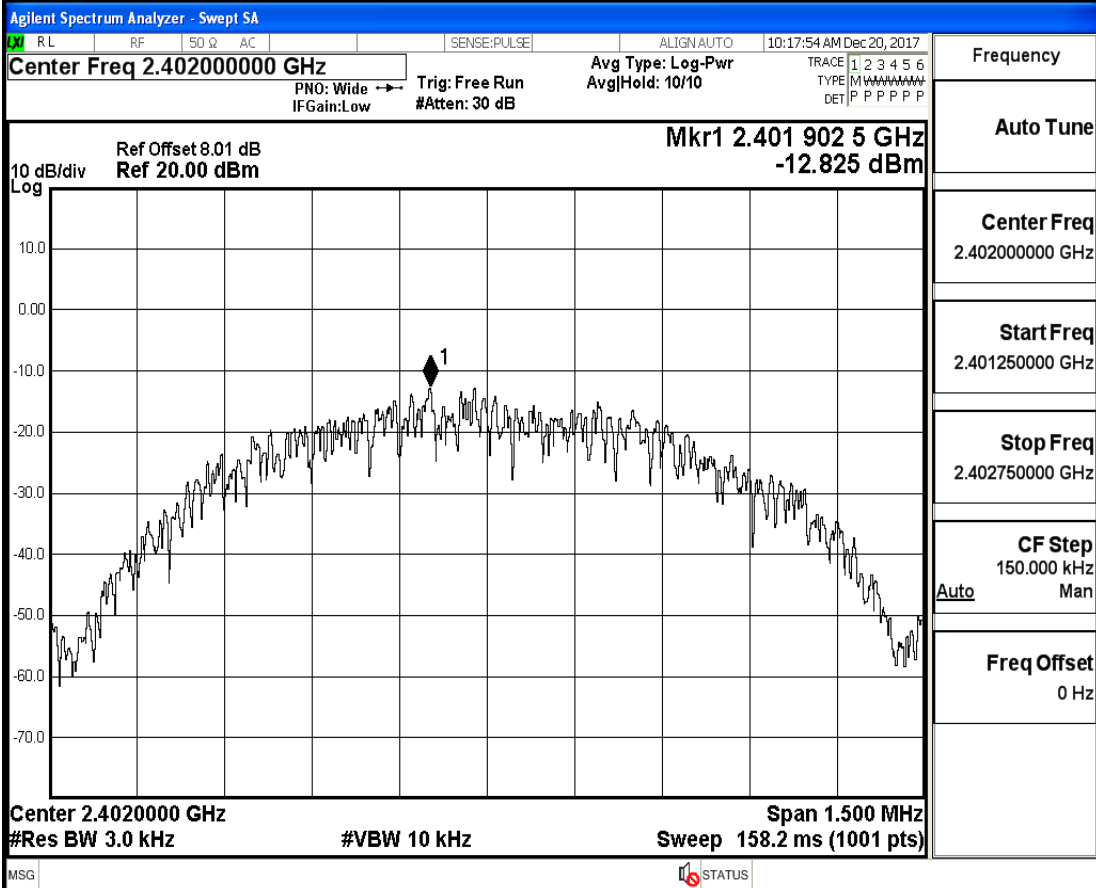
Maximum peak conducted output power\_BLE\_2480\_Ant1



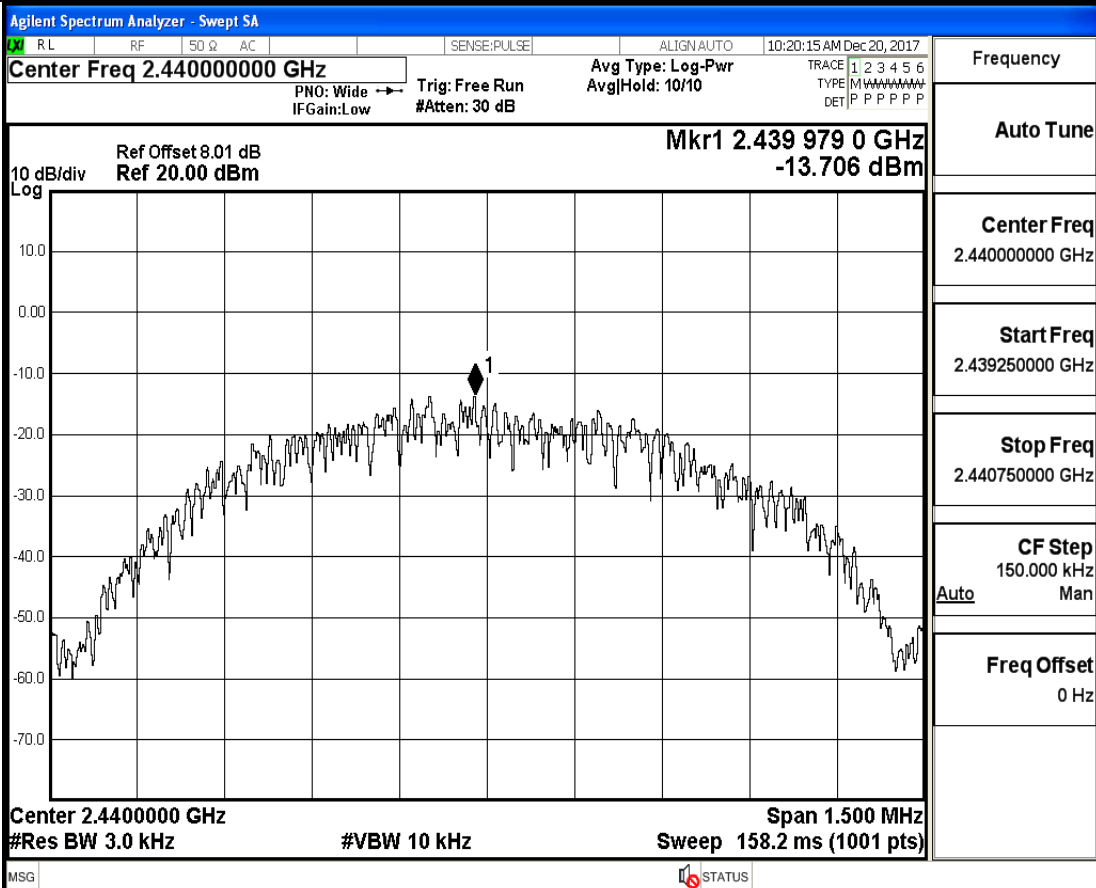
**3.Maximum Peak power spectral density**

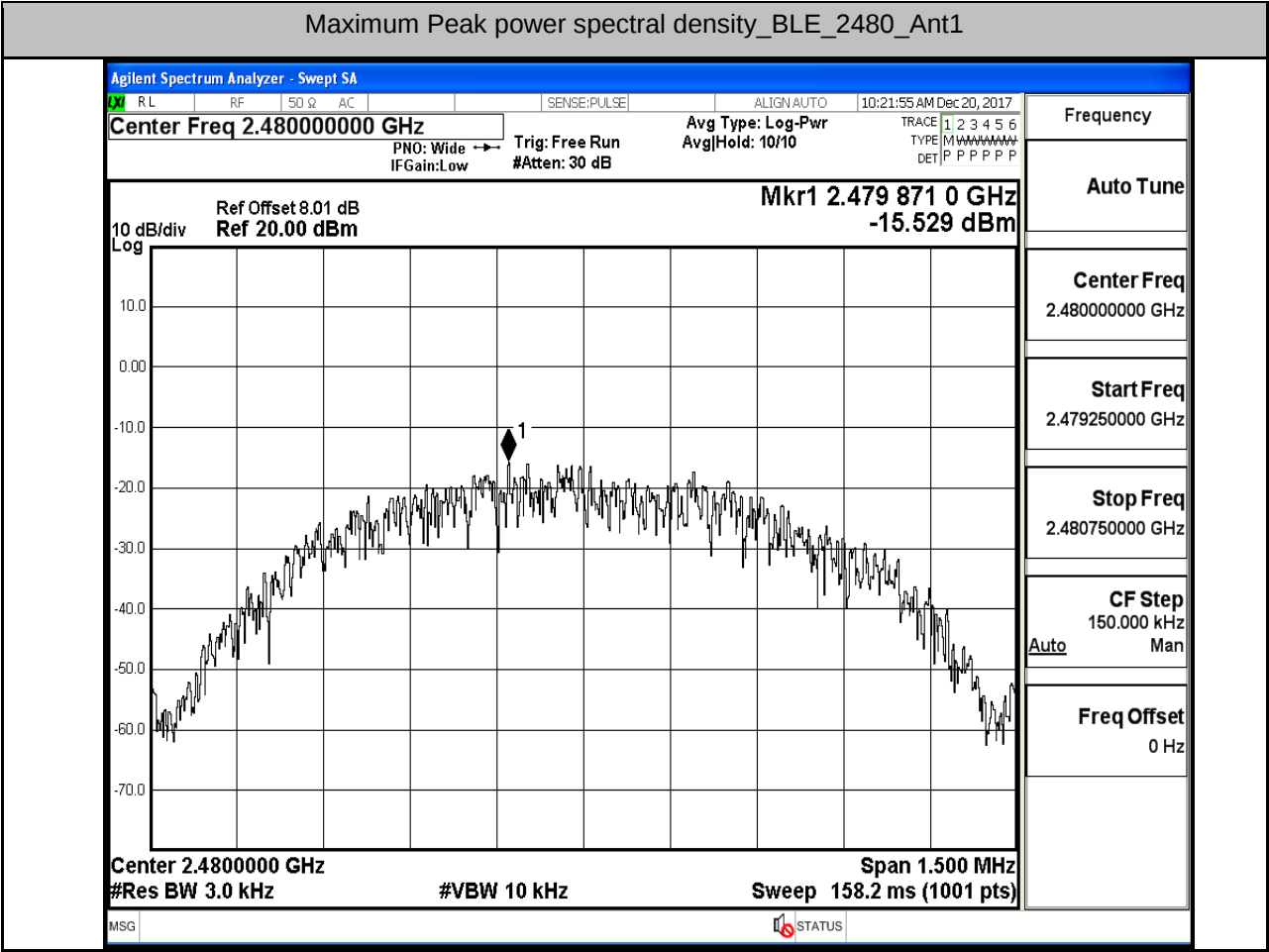
| Test Mode | Test Channel | Ant  | PSD[dBm/3KHz] | Limit[dBm/3KHz] | Verdict |
|-----------|--------------|------|---------------|-----------------|---------|
| BLE       | 2402         | Ant1 | -12.825       | 8.00            | PASS    |
| BLE       | 2440         | Ant1 | -13.706       | 8.00            | PASS    |
| BLE       | 2480         | Ant1 | -15.529       | 8.00            | PASS    |

## Maximum Peak power spectral density\_BLE\_2402\_Ant1



## Maximum Peak power spectral density\_BLE\_2440\_Ant1

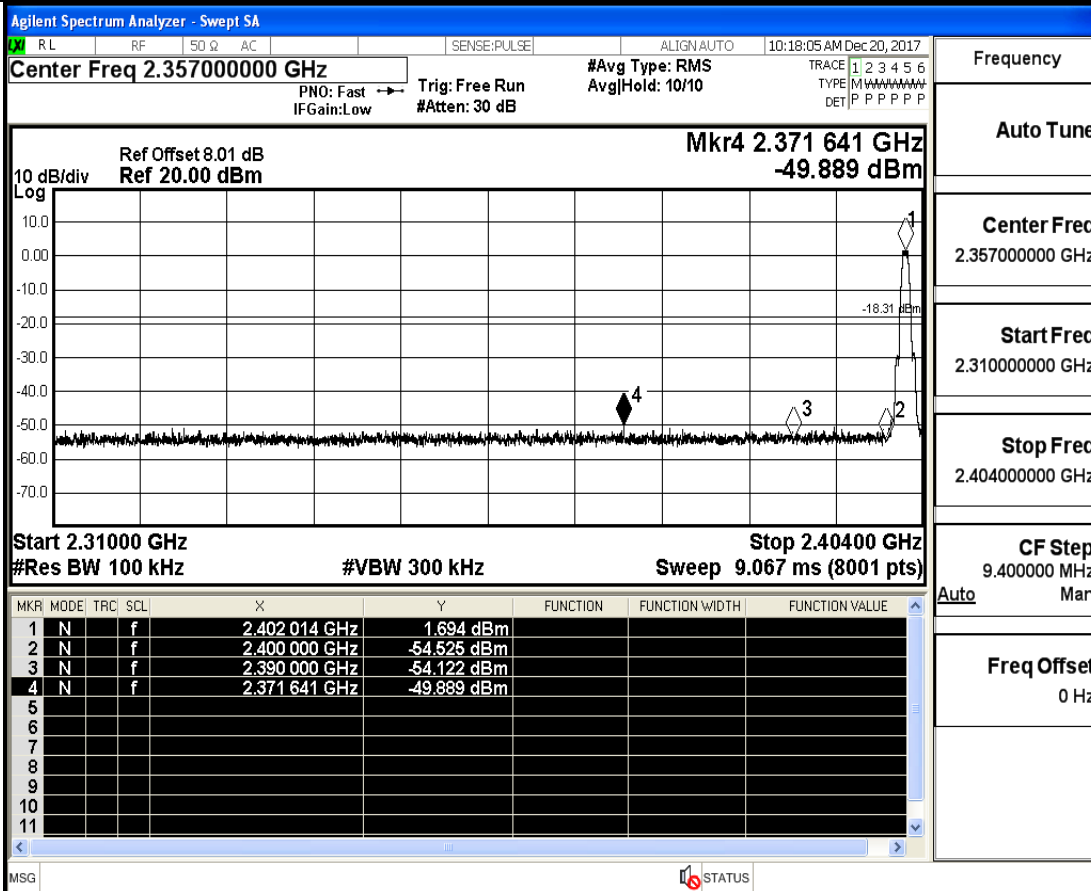




**4.Band-edge for RF Conducted Emissions**

| Test Mode | Test Channel | Ant  | Carrier Power[dBm] | Max. Spurious Level [dBm] | Limit [dBm] | Verdict |
|-----------|--------------|------|--------------------|---------------------------|-------------|---------|
| BLE       | 2402         | Ant1 | 1.694              | -49.889                   | -18.31      | PASS    |
| BLE       | 2480         | Ant1 | -0.563             | -50.594                   | -20.56      | PASS    |

## Band-edge for RF Conducted Emissions\_BLE\_2402\_Ant1



Frequency

Auto Tune

Center Freq  
2.357000000 GHz

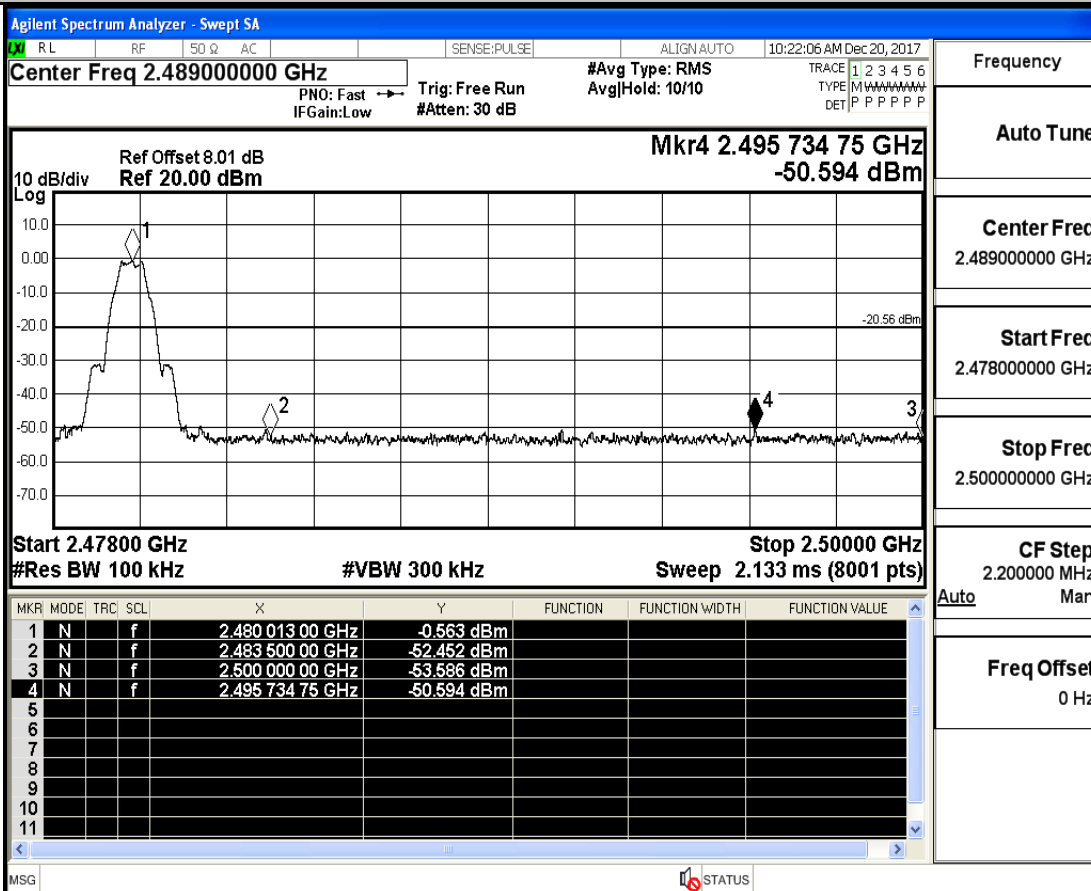
Start Freq  
2.310000000 GHz

Stop Freq  
2.404000000 GHz

CF Step  
9.400000 MHz  
Auto Man

Freq Offset  
0 Hz

## Band-edge for RF Conducted Emissions\_BLE\_2480\_Ant1



Frequency

Auto Tune

Center Freq  
2.489000000 GHz

Start Freq  
2.478000000 GHz

Stop Freq  
2.500000000 GHz

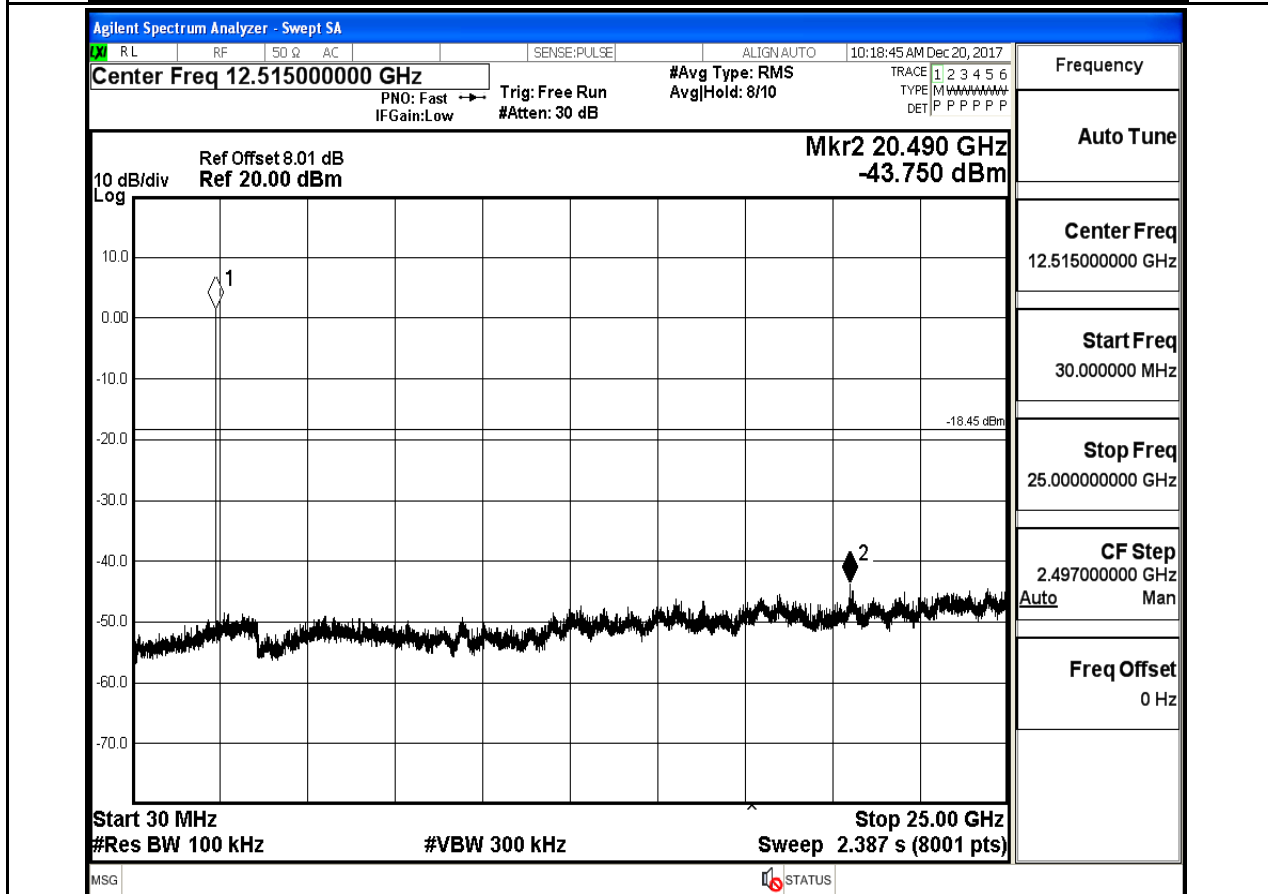
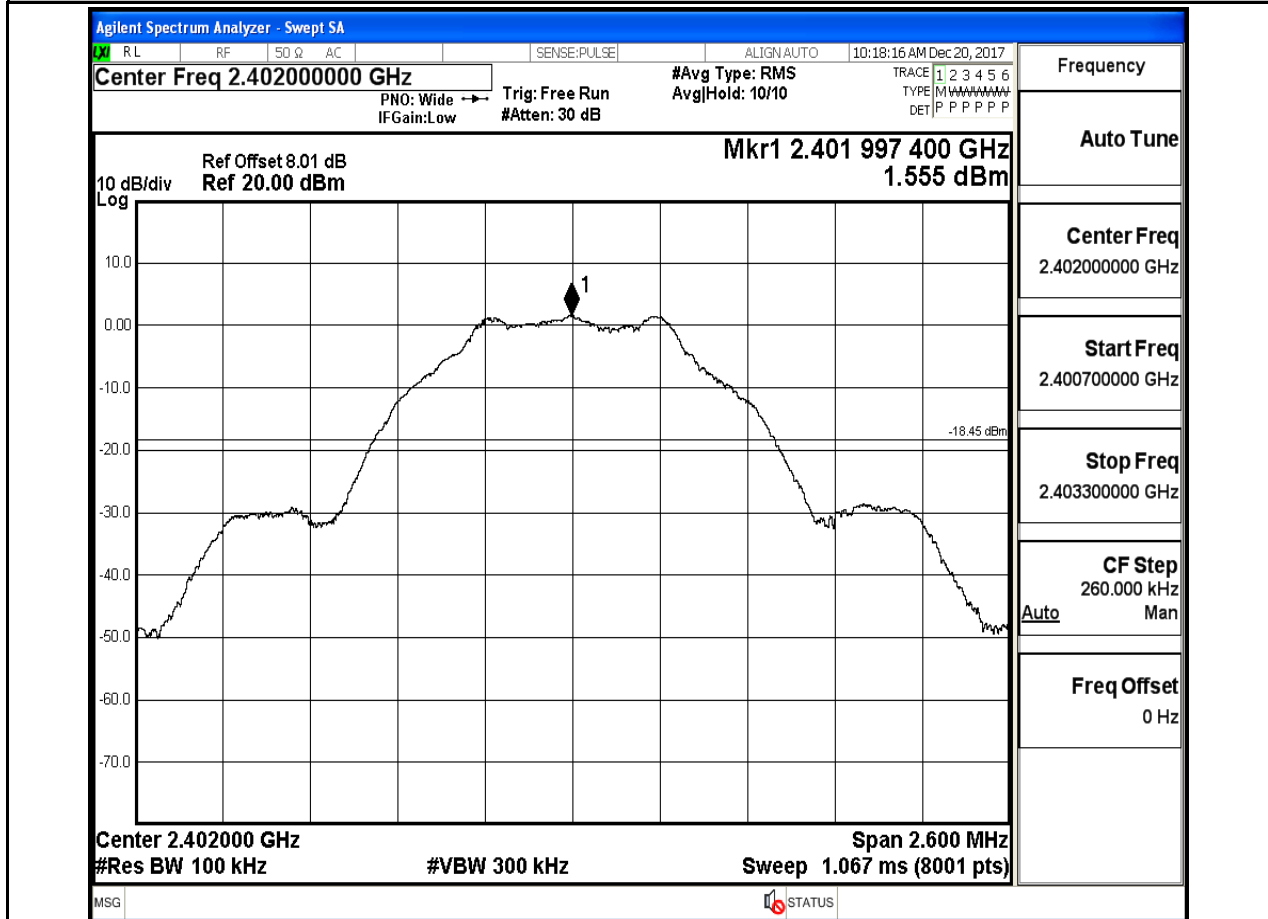
CF Step  
2.200000 MHz  
Auto Man

Freq Offset  
0 Hz

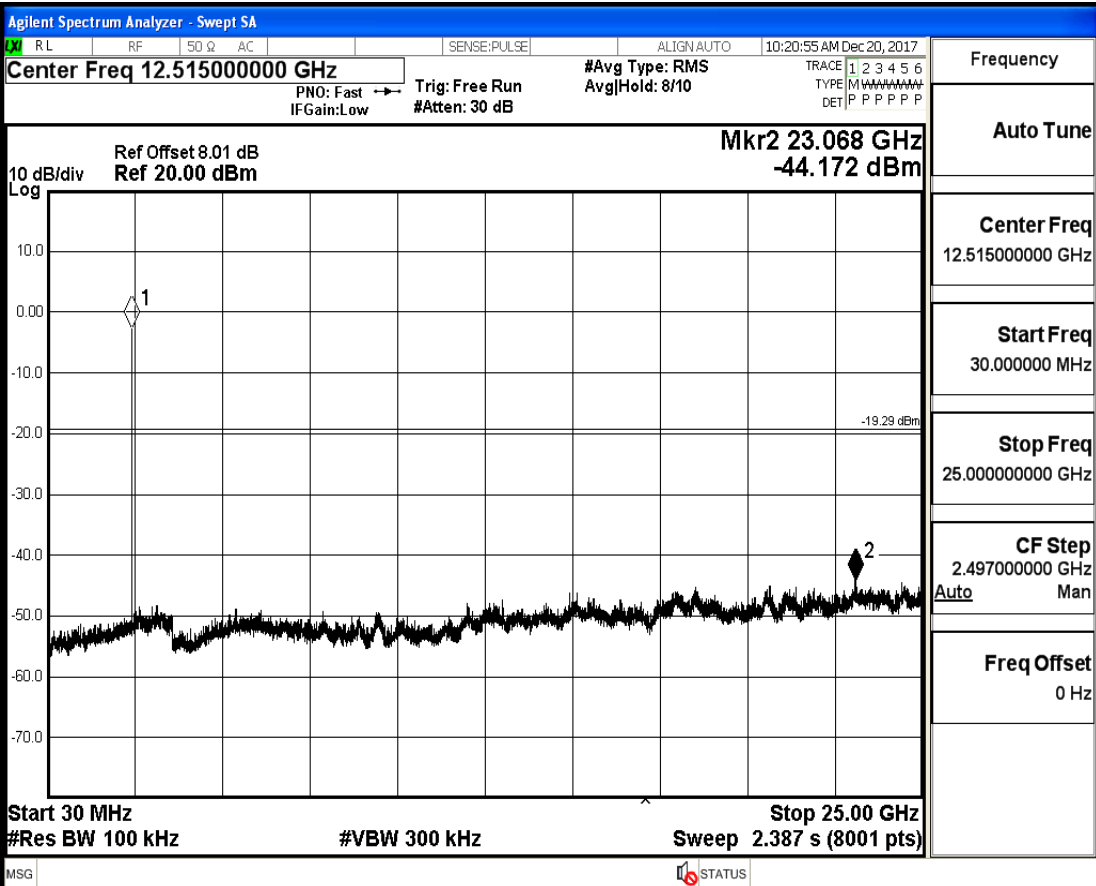
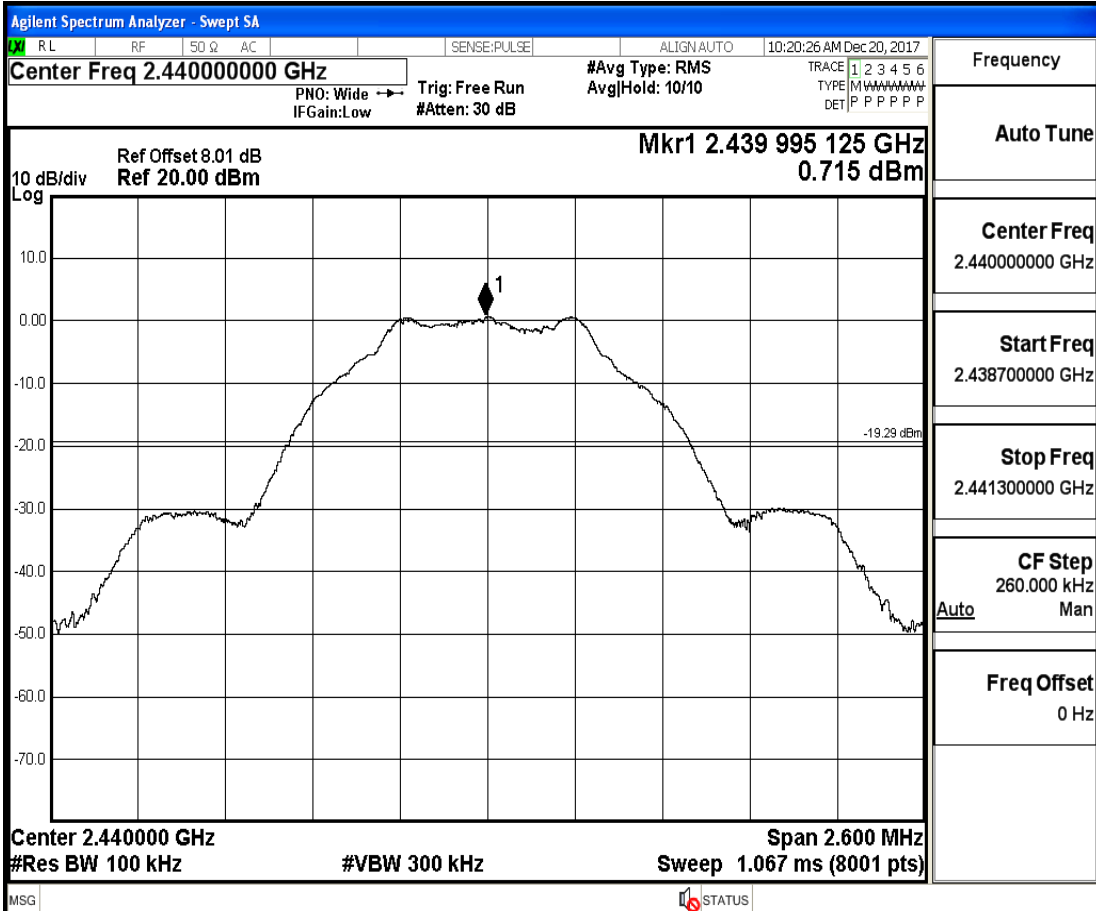
**5.RF Conducted Spurious Emissions**

| Test Mode | Test Channel | Ant  | StartFre [MHz] | StopFre [MHz] | RBW [kHz] | VBW [kHz] | Pref[dBm] | Max. Level [dBm] | Limit [dBm] | Verdict |
|-----------|--------------|------|----------------|---------------|-----------|-----------|-----------|------------------|-------------|---------|
| BLE       | 2402         | Ant1 | 30             | 25000         | 100       | 300       | 1.555     | -43.750          | <-18.445    | PASS    |
| BLE       | 2440         | Ant1 | 30             | 25000         | 100       | 300       | 0.715     | -44.172          | <-19.285    | PASS    |
| BLE       | 2480         | Ant1 | 30             | 25000         | 100       | 300       | -0.694    | -44.377          | <-20.694    | PASS    |

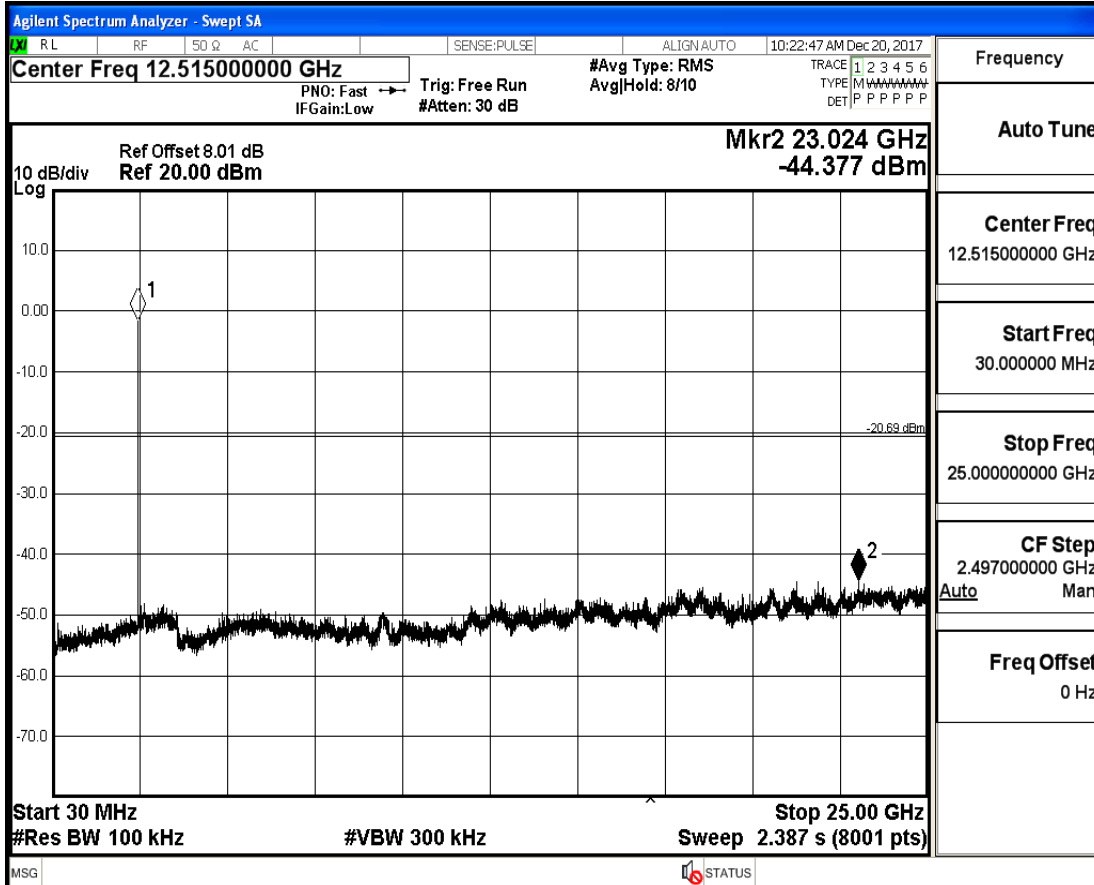
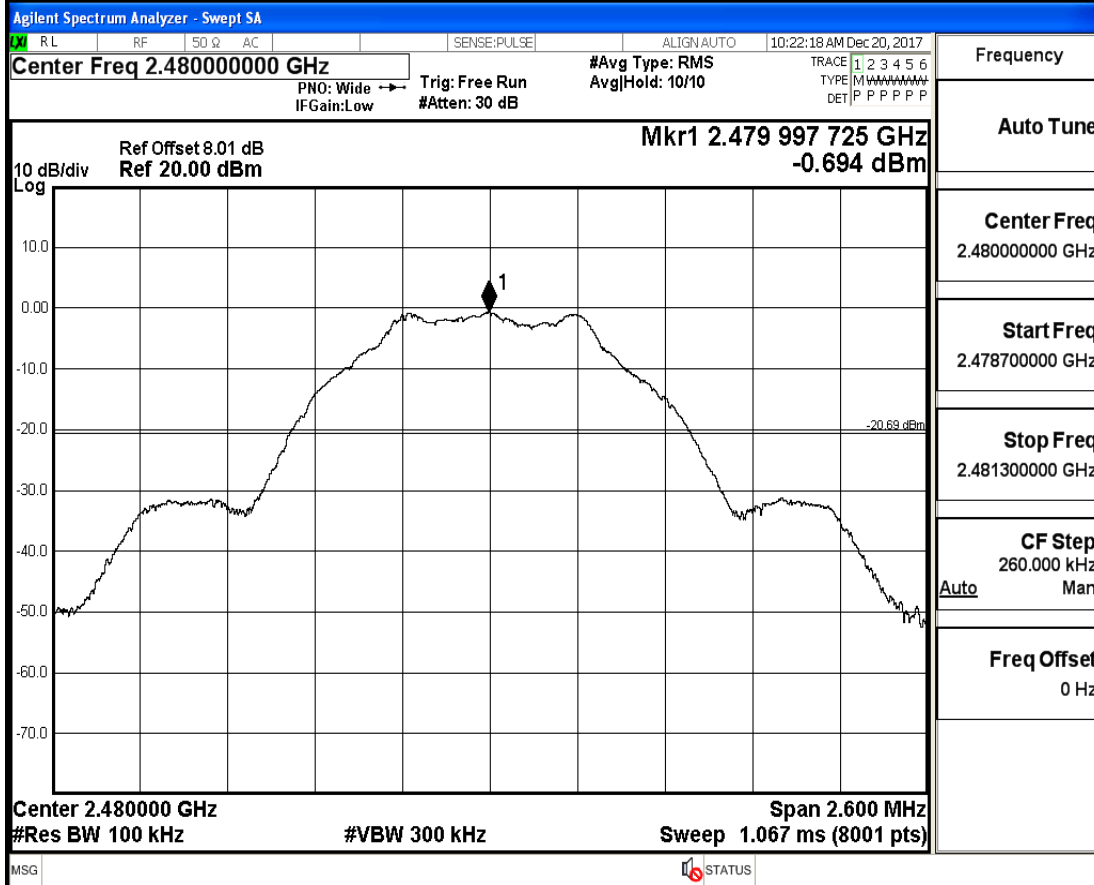
## RF Conducted Spurious Emissions\_BLE\_2402\_Ant1



## RF Conducted Spurious Emissions\_BLE\_2440\_Ant1



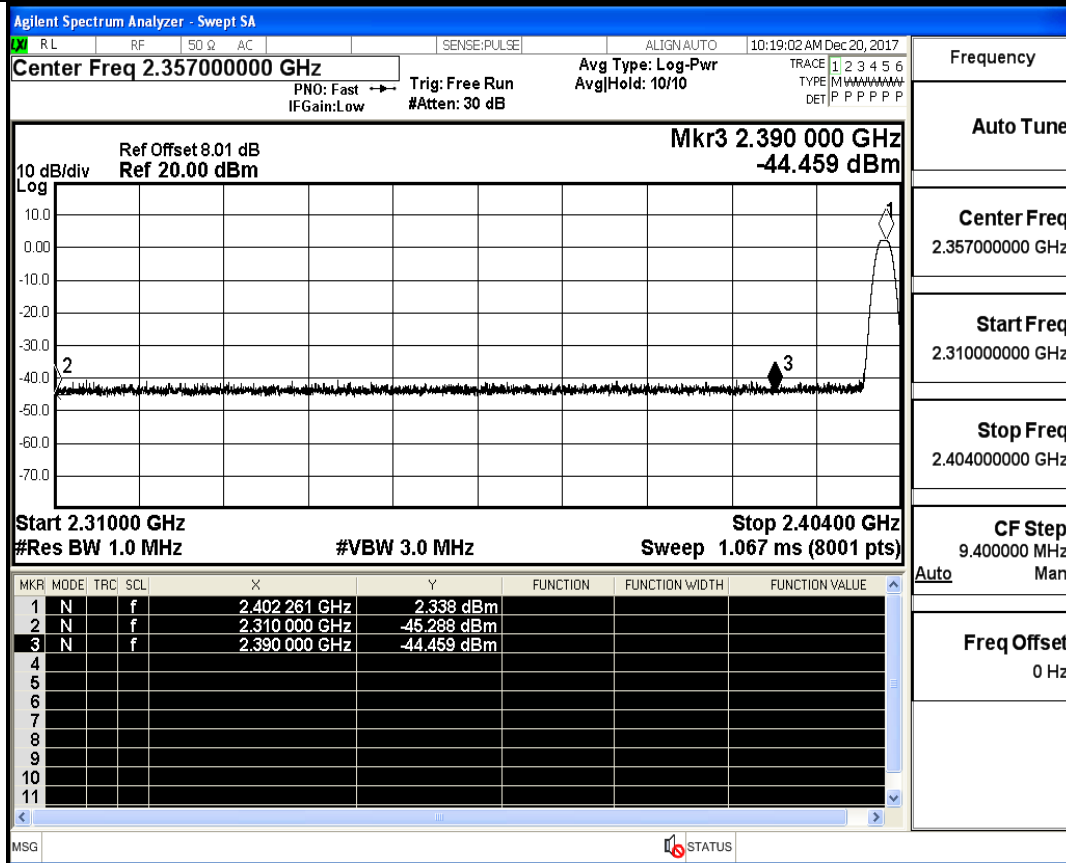
## RF Conducted Spurious Emissions\_BLE\_2480\_Ant1



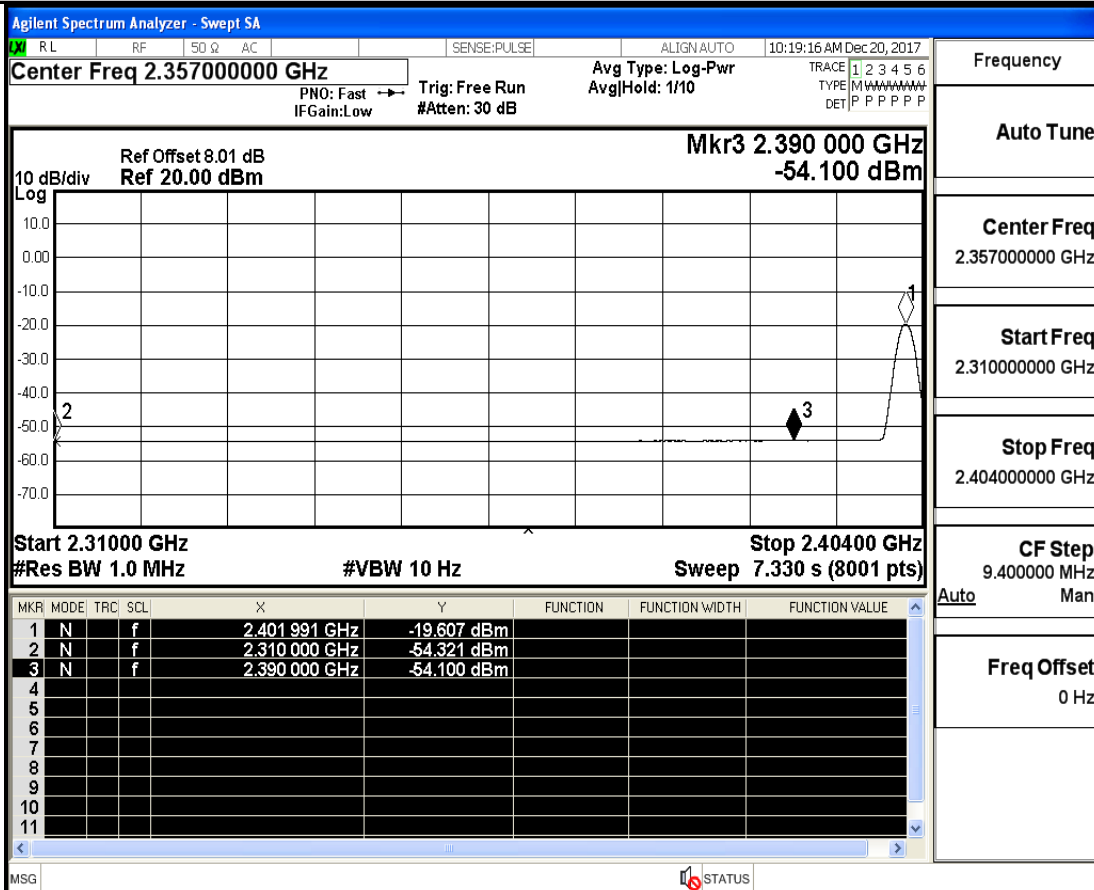
**6.Restrict-band band-edge measurements**

| Test Mode | Test Channel | Ant  | Freq.  | Power [dBm] | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdict |
|-----------|--------------|------|--------|-------------|------|---------------|------------|----------|----------------|---------|
| BLE       | 2402         | Ant1 | 2310.0 | -45.29      | 2    | 0             | 51.97      | PEAK     | 74             | PASS    |
| BLE       | 2402         | Ant1 | 2310.0 | -54.32      | 2    | 0             | 42.94      | AV       | 54             | PASS    |
| BLE       | 2402         | Ant1 | 2390.0 | -44.46      | 2    | 0             | 52.80      | PEAK     | 74             | PASS    |
| BLE       | 2402         | Ant1 | 2390.0 | -54.10      | 2    | 0             | 43.16      | AV       | 54             | PASS    |
| BLE       | 2480         | Ant1 | 2483.5 | -44.24      | 2    | 0             | 53.02      | PEAK     | 74             | PASS    |
| BLE       | 2480         | Ant1 | 2483.5 | -53.88      | 2    | 0             | 43.38      | AV       | 54             | PASS    |
| BLE       | 2480         | Ant1 | 2500.0 | -41.92      | 2    | 0             | 55.34      | PEAK     | 74             | PASS    |
| BLE       | 2480         | Ant1 | 2500.0 | -53.74      | 2    | 0             | 43.51      | AV       | 54             | PASS    |

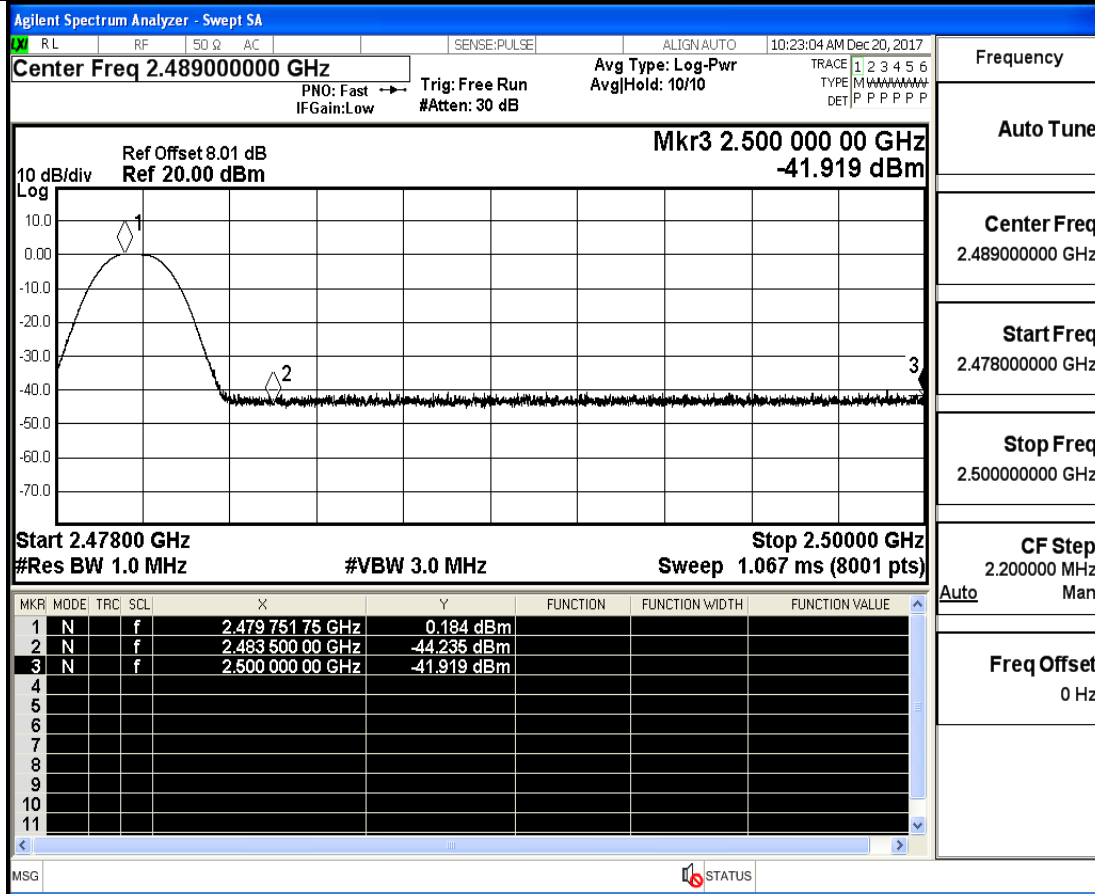
Restrict-band band-edge measurements\_BLE\_2402\_Ant1\_PEAK



Restrict-band band-edge measurements\_BLE\_2402\_Ant1\_AV



Restrict-band band-edge measurements\_BLE\_2480\_Ant1\_PEAK



Frequency

Auto Tune

Center Freq  
2.489000000 GHz

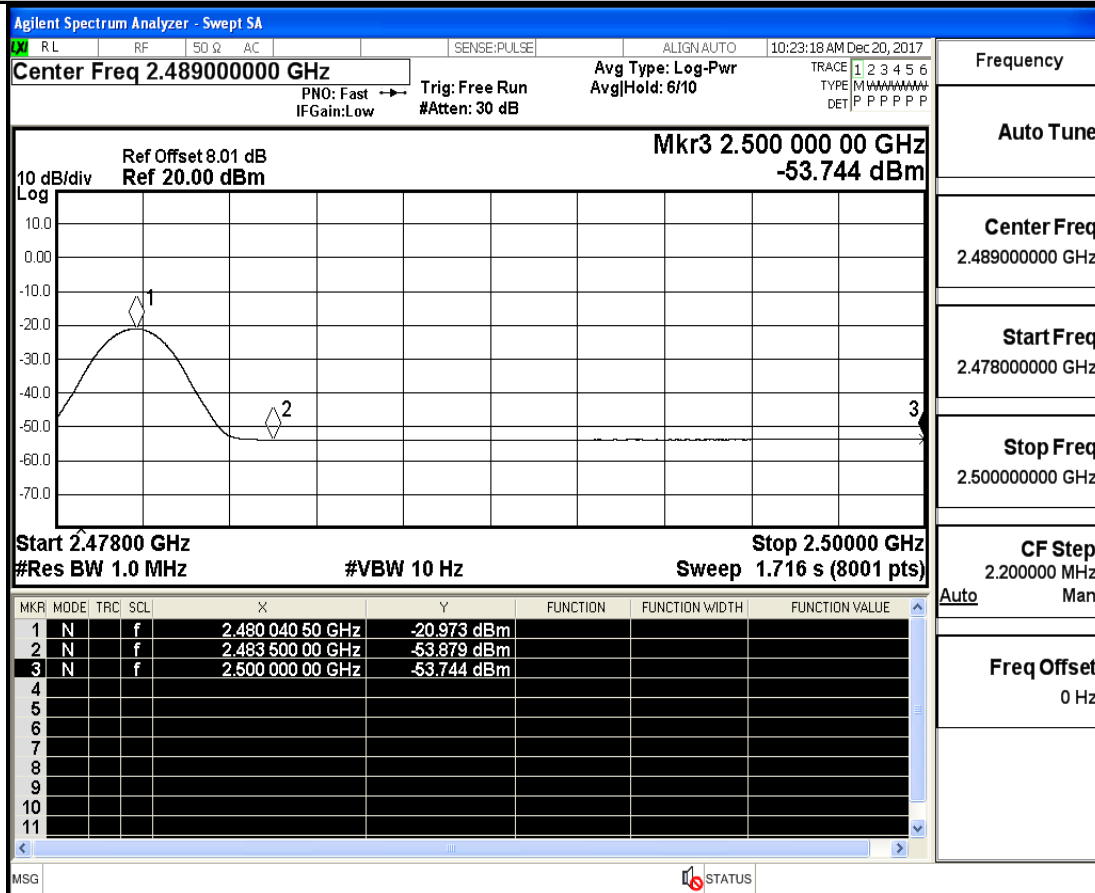
Start Freq  
2.478000000 GHz

Stop Freq  
2.500000000 GHz

CF Step  
2.200000 MHz  
Auto Man

Freq Offset  
0 Hz

Restrict-band band-edge measurements\_BLE\_2480\_Ant1\_AV



Frequency

Auto Tune

Center Freq  
2.489000000 GHz

Start Freq  
2.478000000 GHz

Stop Freq  
2.500000000 GHz

CF Step  
2.200000 MHz  
Auto Man

Freq Offset  
0 Hz

| Test Mode | Test Channel | Ant  | Duty Cycle[%] | Verdict |
|-----------|--------------|------|---------------|---------|
| BLE       | 2440         | Ant1 | 100           | PASS    |

