

**TABLE OF CONTENTS**

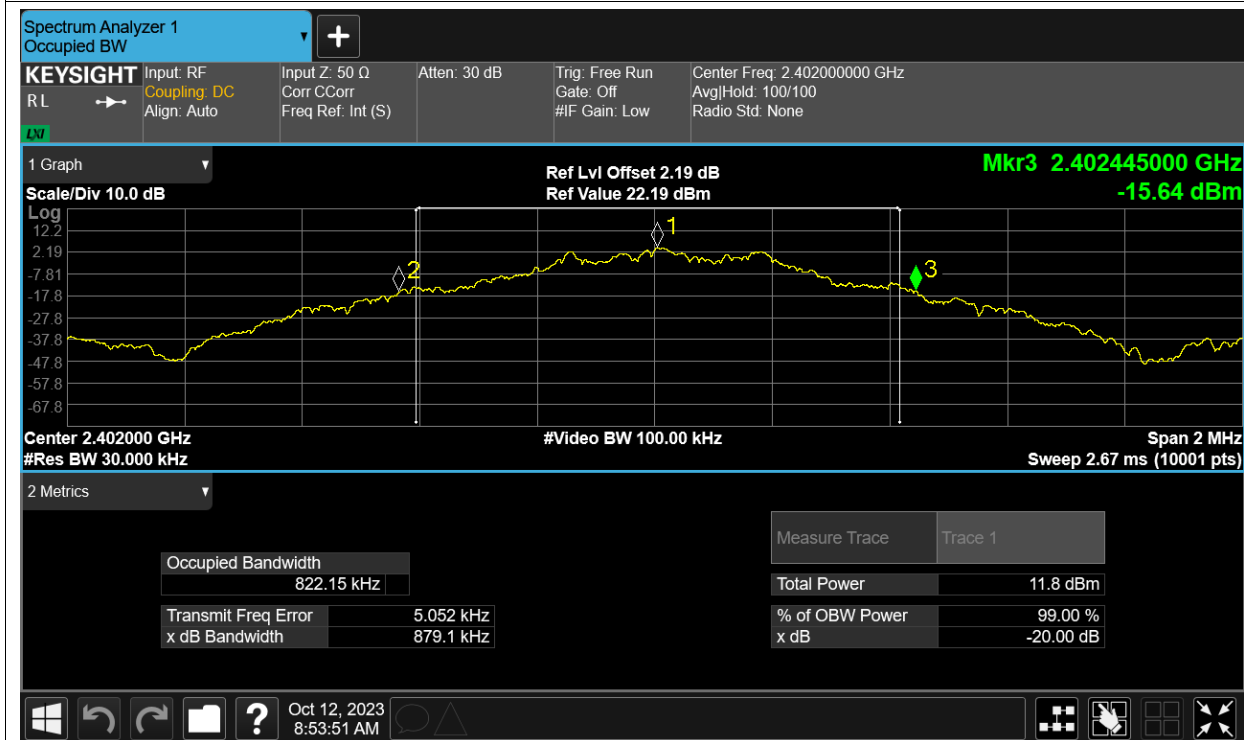
|                                                               |           |
|---------------------------------------------------------------|-----------|
| <b>1. Appendix A 20dB Bandwidth.....</b>                      | <b>2</b>  |
| <b>2. Appendix B Maximum Peak Conducted Output Power.....</b> | <b>8</b>  |
| <b>3. Appendix C Carrier Frequency Separation.....</b>        | <b>14</b> |
| <b>4. Appendix D Hopping Channel Number.....</b>              | <b>20</b> |
| <b>5. Appendix E Time of Occupancy (Dwell Time).....</b>      | <b>23</b> |
| <b>6. Appendix F Conducted Spurious Emissions.....</b>        | <b>33</b> |
| <b>7. Appendix G Band Edge.....</b>                           | <b>43</b> |

## 1. Appendix A 20dB Bandwidth

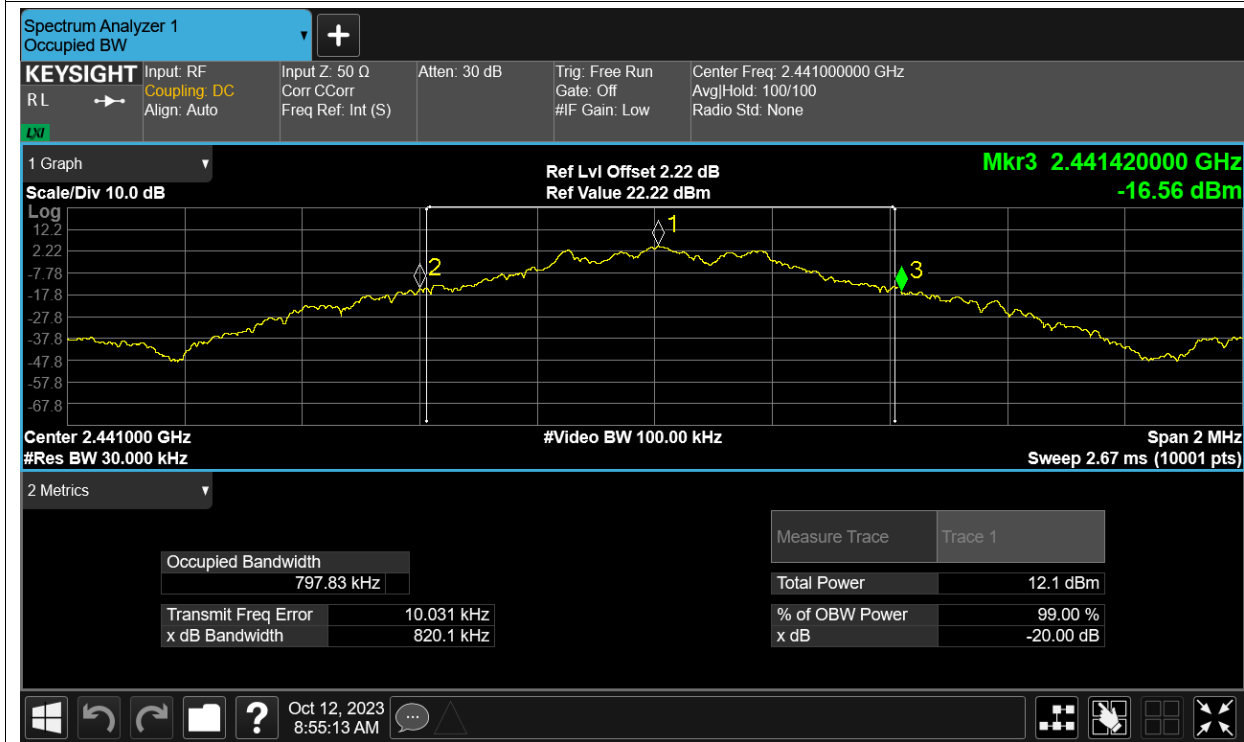
| Mode  | Frequency (MHz) | -20 dB Bandwidth (MHz) | Verdict |
|-------|-----------------|------------------------|---------|
| 1-DH5 | 2402            | 0.879                  | Pass    |
| 1-DH5 | 2441            | 0.82                   | Pass    |
| 1-DH5 | 2480            | 1.02                   | Pass    |
| 2-DH5 | 2402            | 1.248                  | Pass    |
| 2-DH5 | 2441            | 1.287                  | Pass    |
| 2-DH5 | 2480            | 1.162                  | Pass    |
| 3-DH5 | 2402            | 1.205                  | Pass    |
| 3-DH5 | 2441            | 1.198                  | Pass    |
| 3-DH5 | 2480            | 1.175                  | Pass    |

## Test Graphs

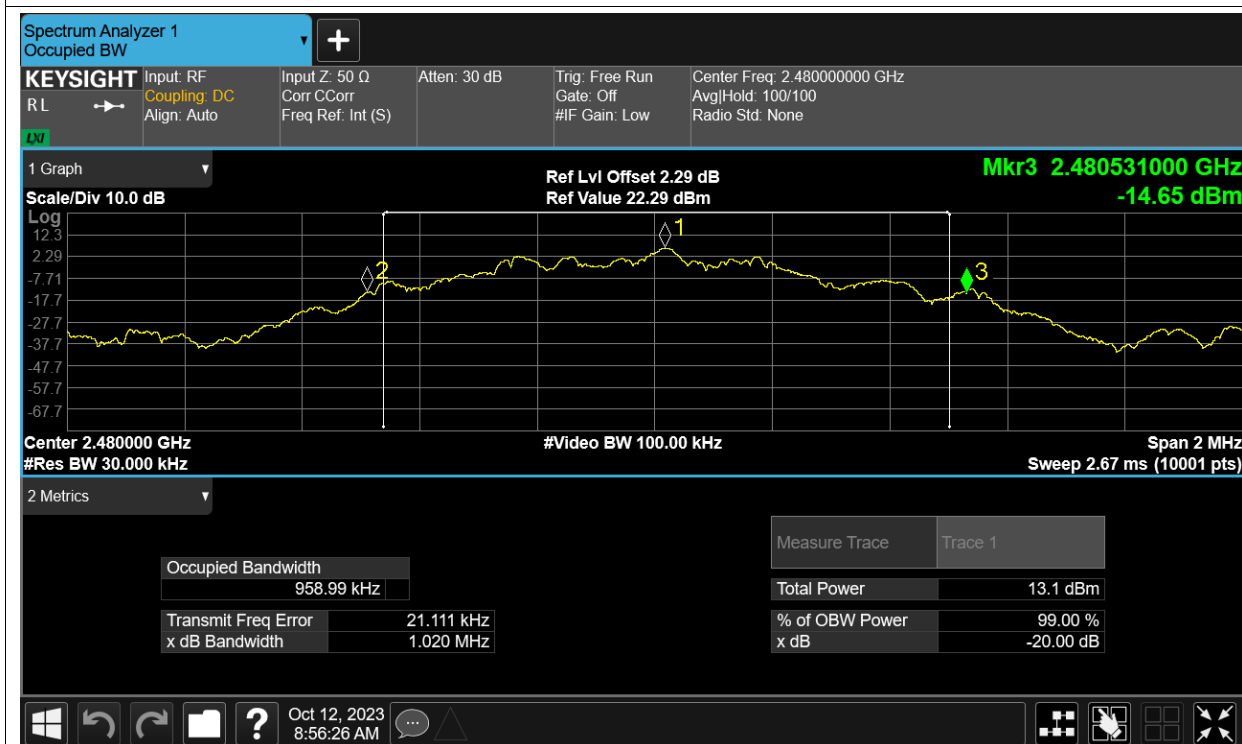
-20dB Bandwidth 1-DH5 2402MHz



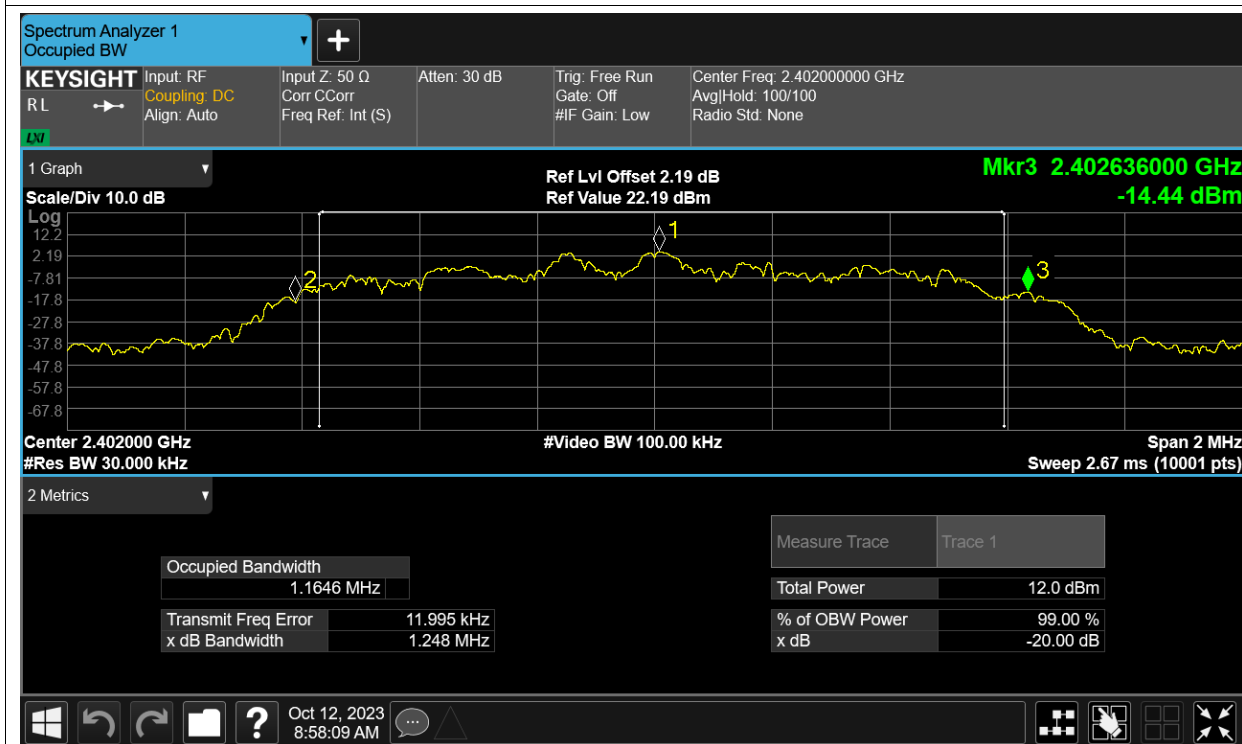
-20dB Bandwidth 1-DH5 2441MHz



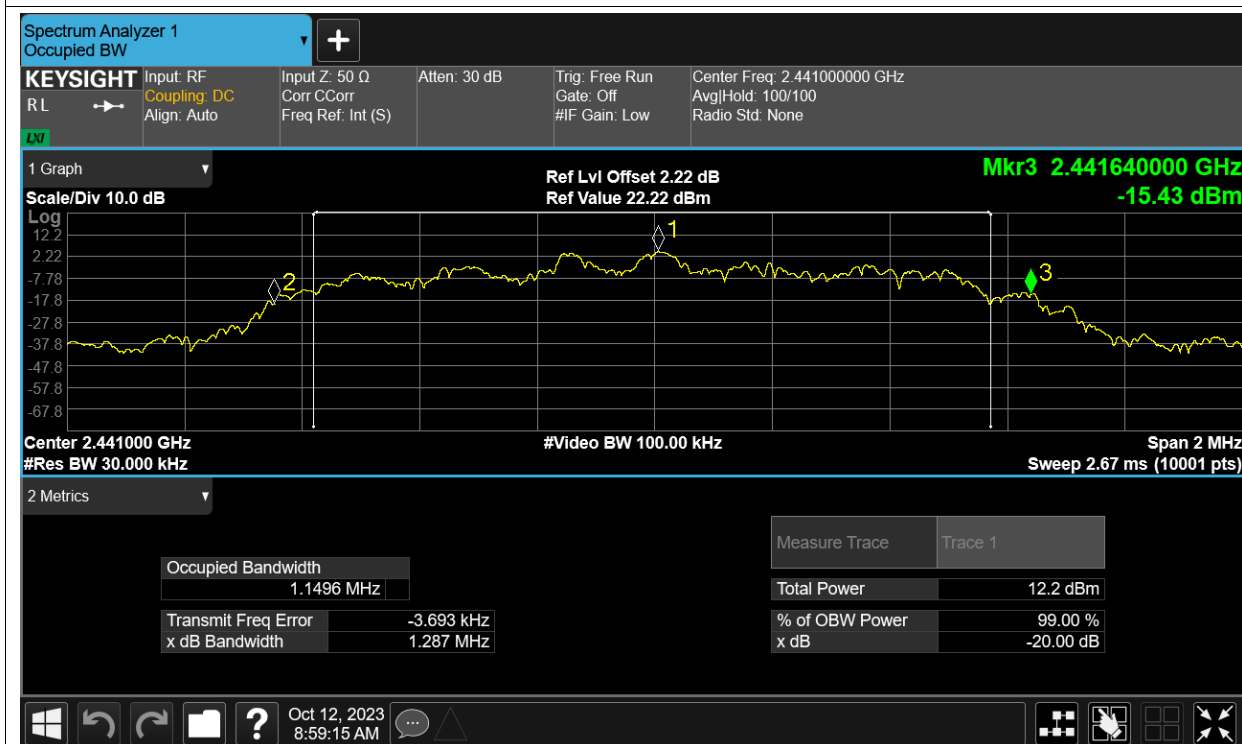
-20dB Bandwidth 1-DH5 2480MHz



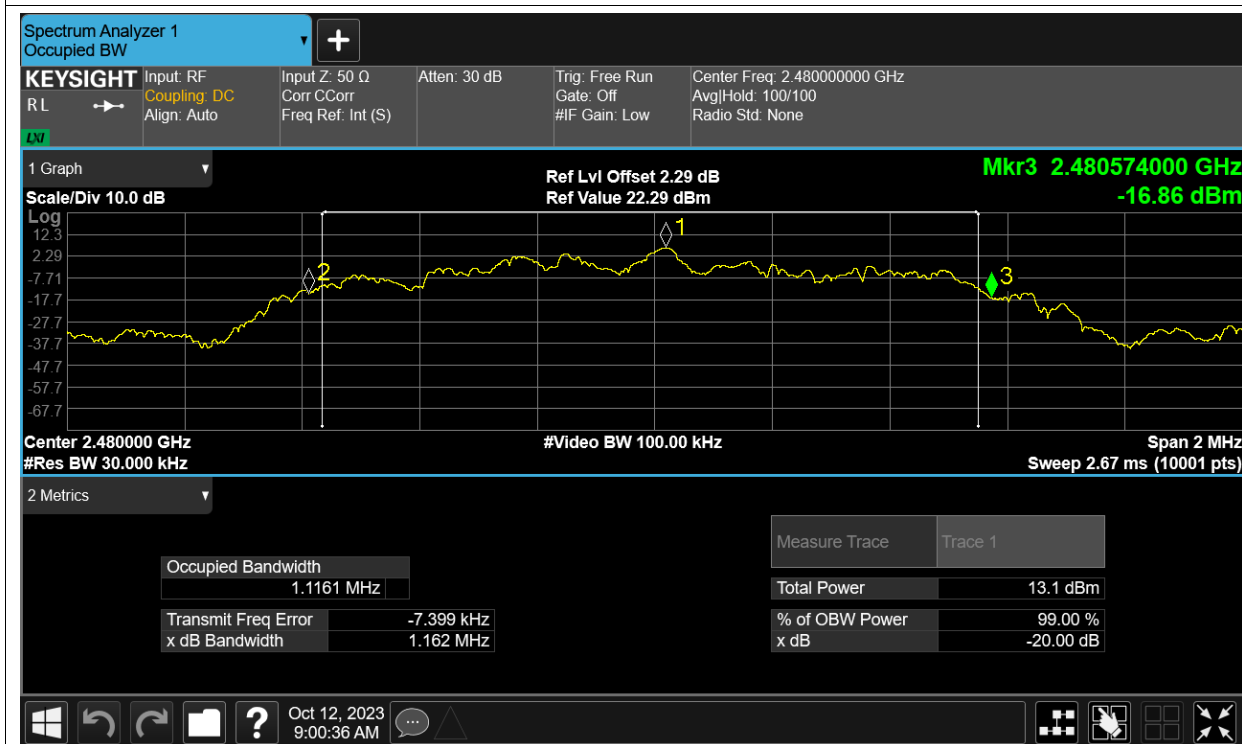
-20dB Bandwidth 2-DH5 2402MHz



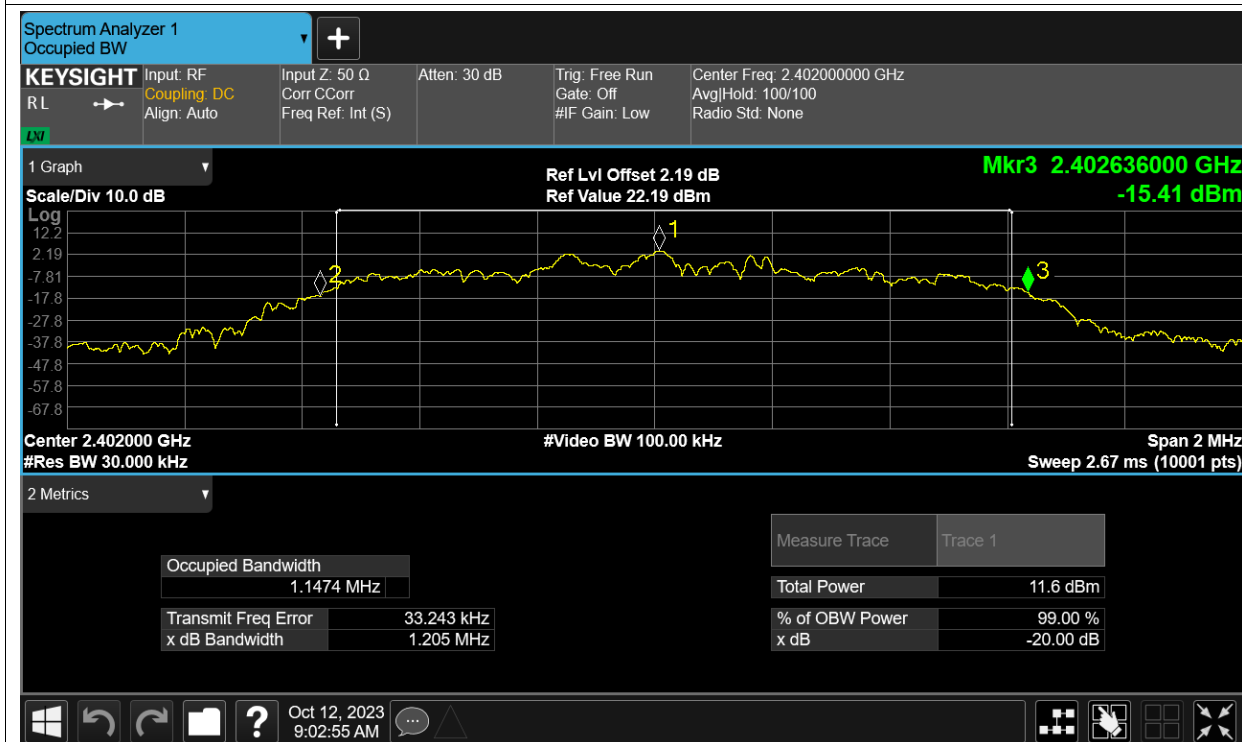
-20dB Bandwidth 2-DH5 2441MHz



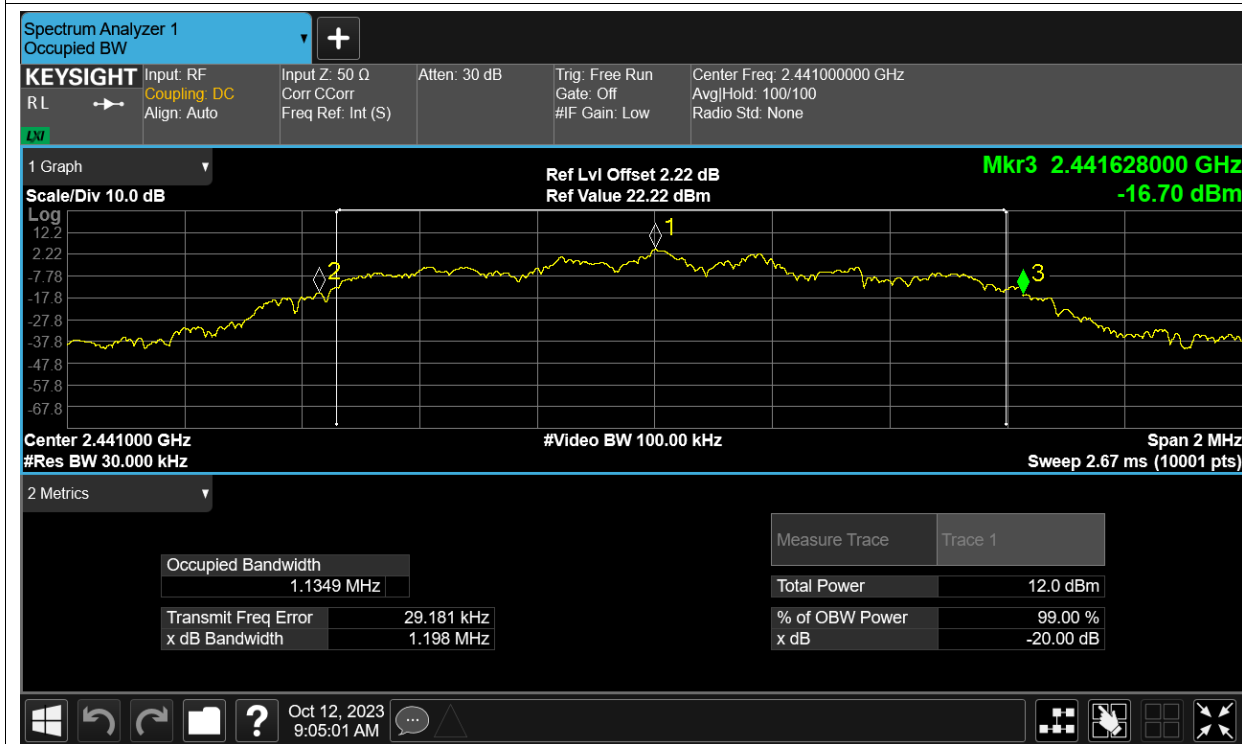
-20dB Bandwidth 2-DH5 2480MHz



-20dB Bandwidth 3-DH5 2402MHz



-20dB Bandwidth 3-DH5 2441MHz



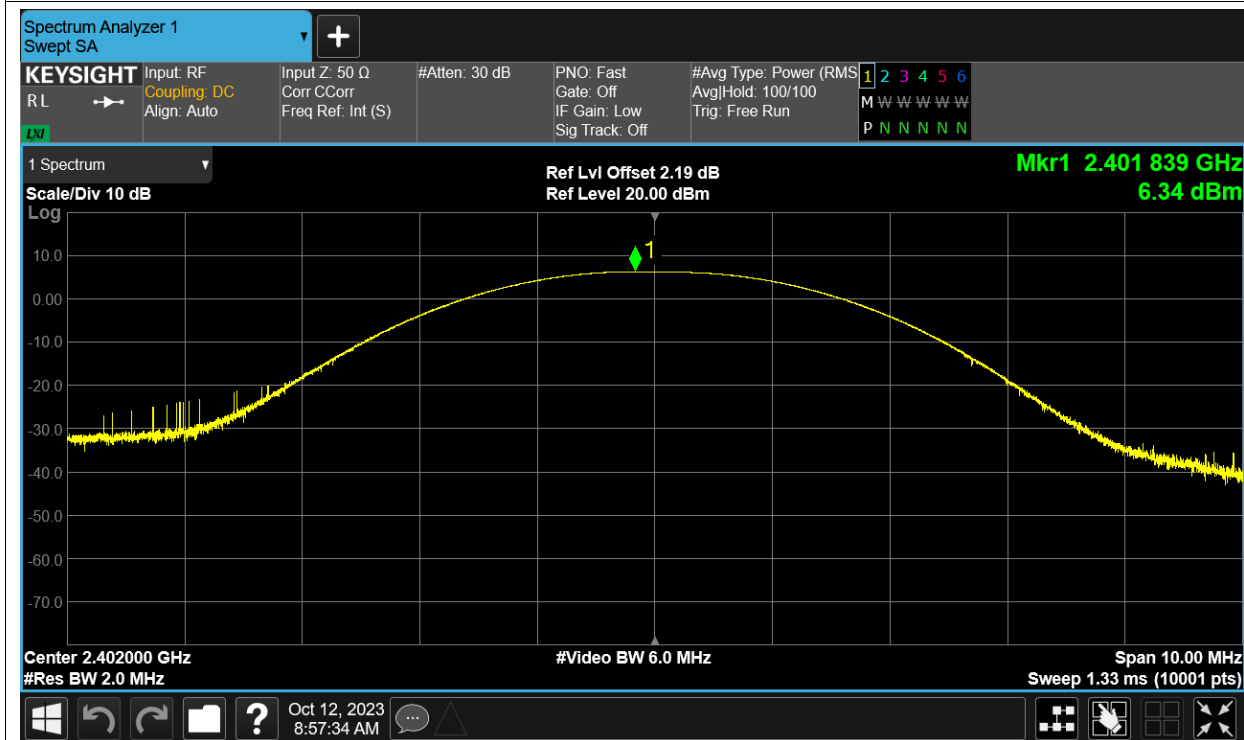


## 2. Appendix B Maximum Peak Conducted Output Power

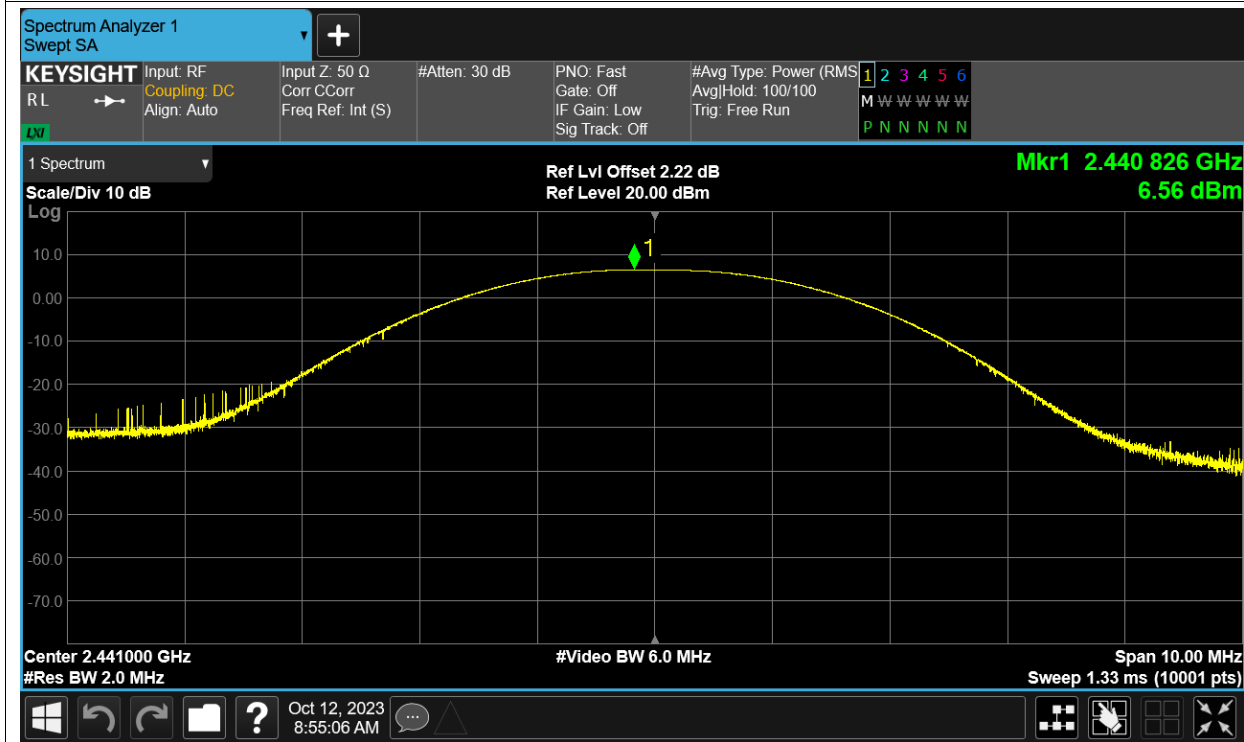
| Mode  | Frequency<br>(MHz) | Peak Output Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-------|--------------------|----------------------------|----------------|---------|
| 1-DH5 | 2402               | 6.34                       | 21             | Pass    |
| 1-DH5 | 2441               | 6.56                       | 21             | Pass    |
| 1-DH5 | 2480               | 6.2                        | 21             | Pass    |
| 2-DH5 | 2402               | 6.93                       | 21             | Pass    |
| 2-DH5 | 2441               | 7.01                       | 21             | Pass    |
| 2-DH5 | 2480               | 6.68                       | 21             | Pass    |
| 3-DH5 | 2402               | 7.02                       | 21             | Pass    |
| 3-DH5 | 2441               | 7.16                       | 21             | Pass    |
| 3-DH5 | 2480               | 6.82                       | 21             | Pass    |

## Test Graphs

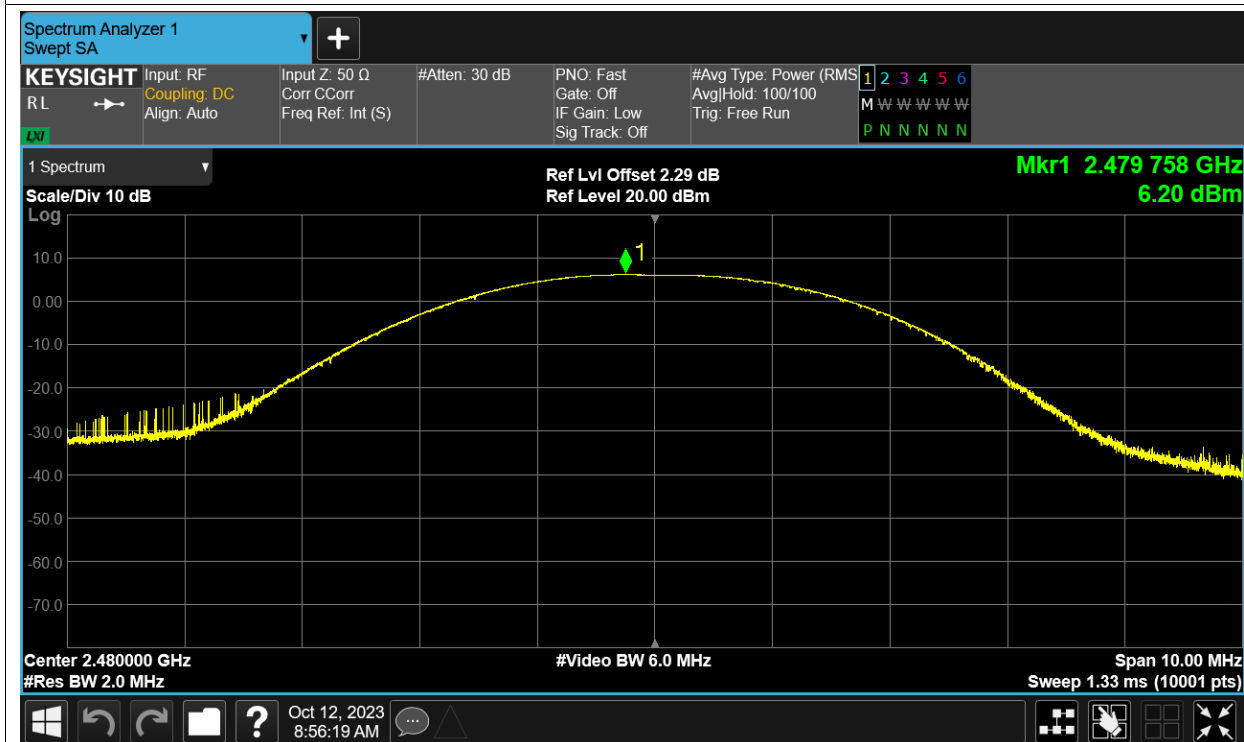
Power 1-DH5 2402MHz



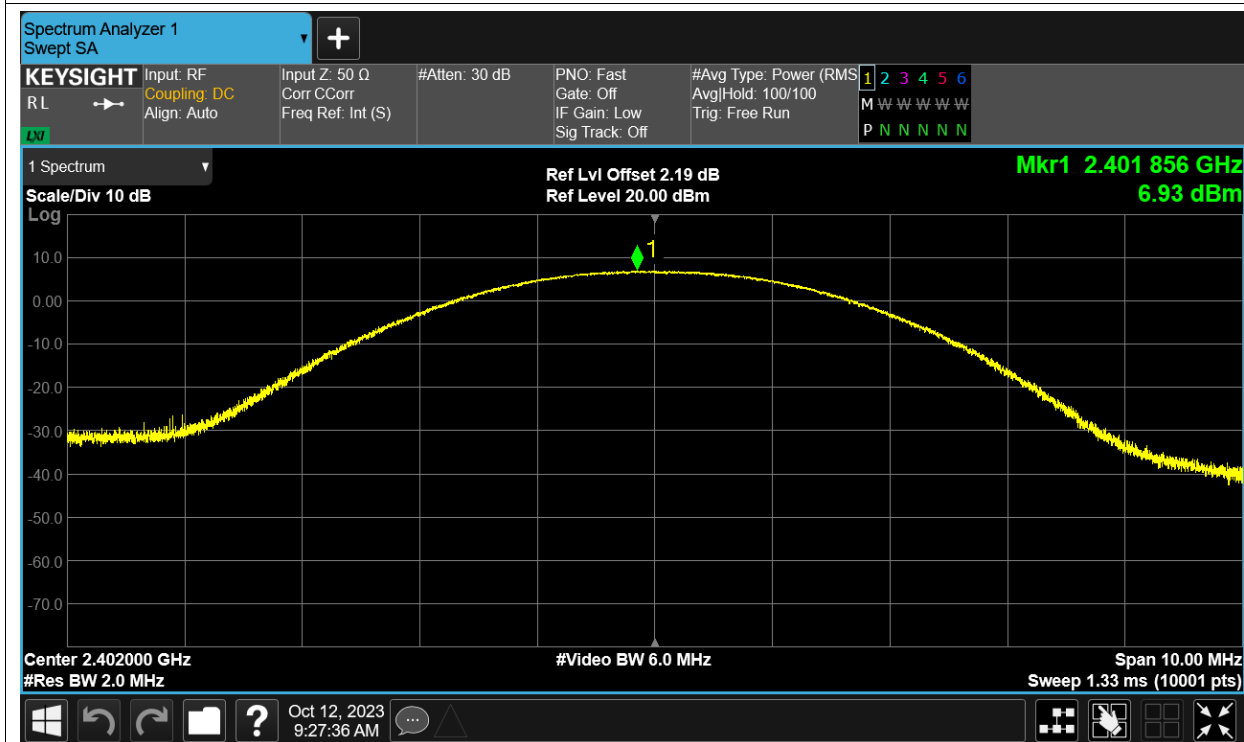
Power 1-DH5 2441MHz



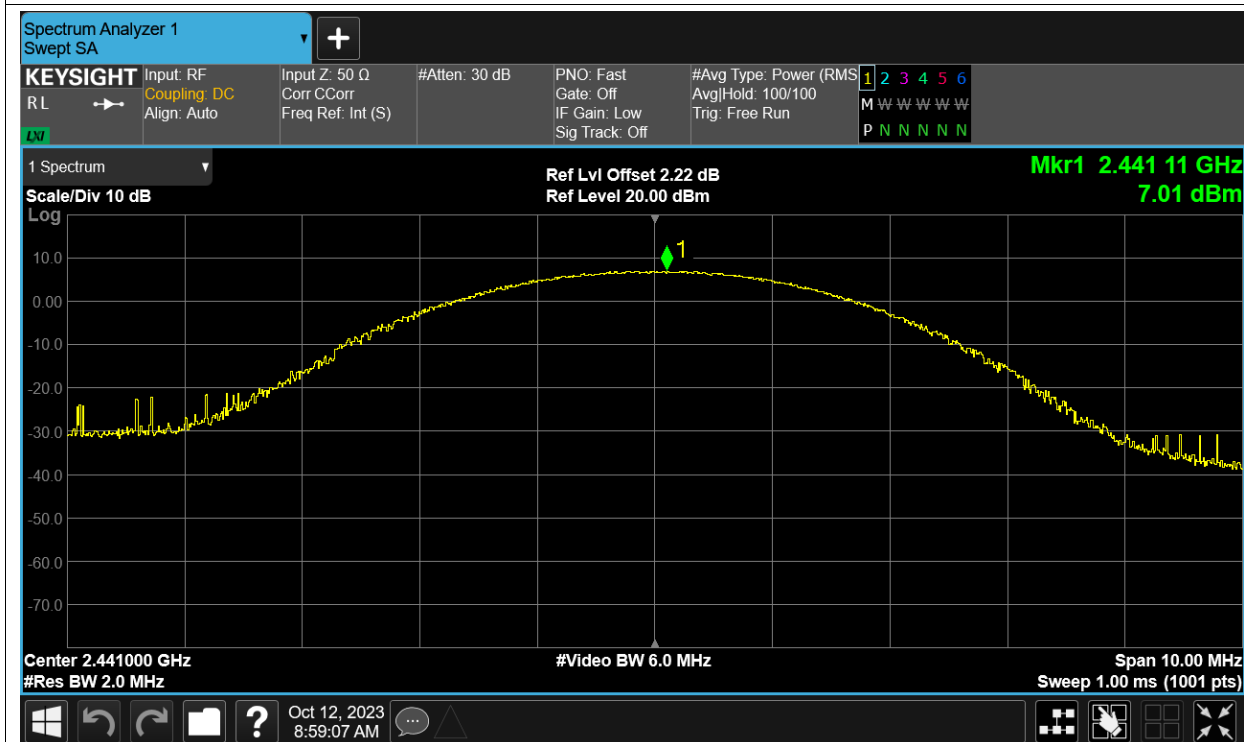
Power 1-DH5 2480MHz



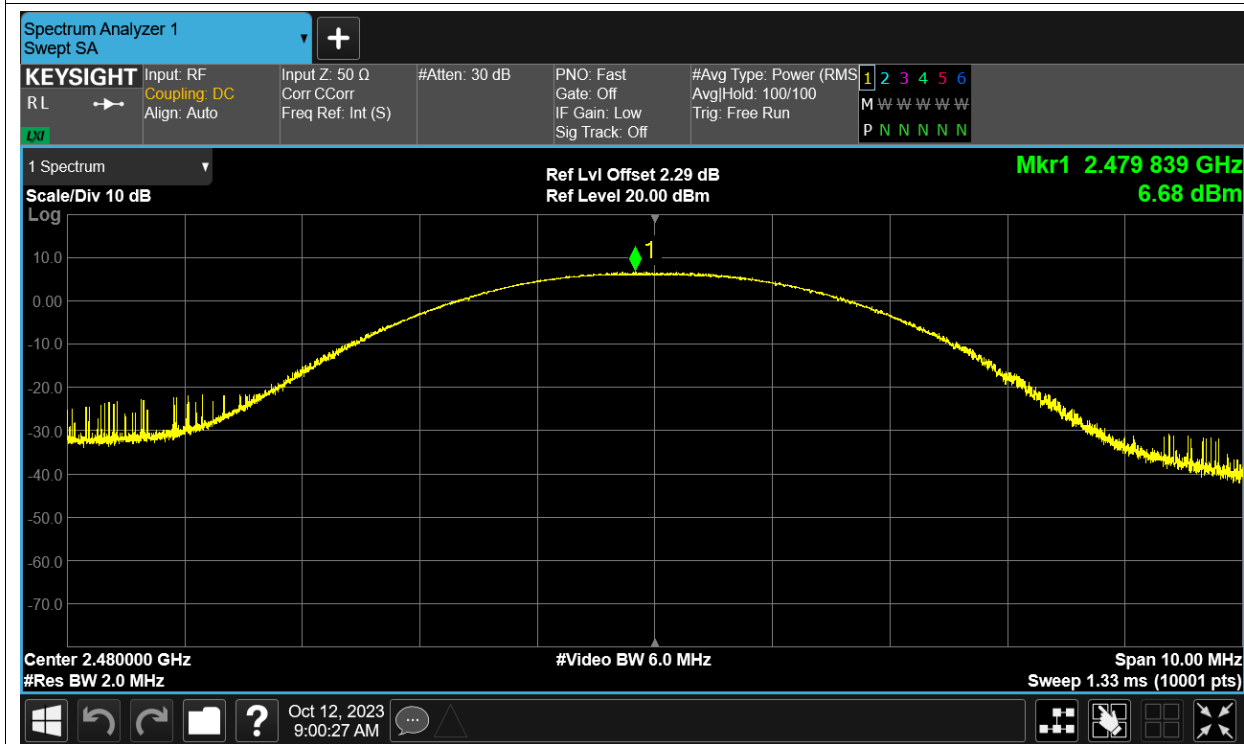
Power 2-DH5 2402MHz



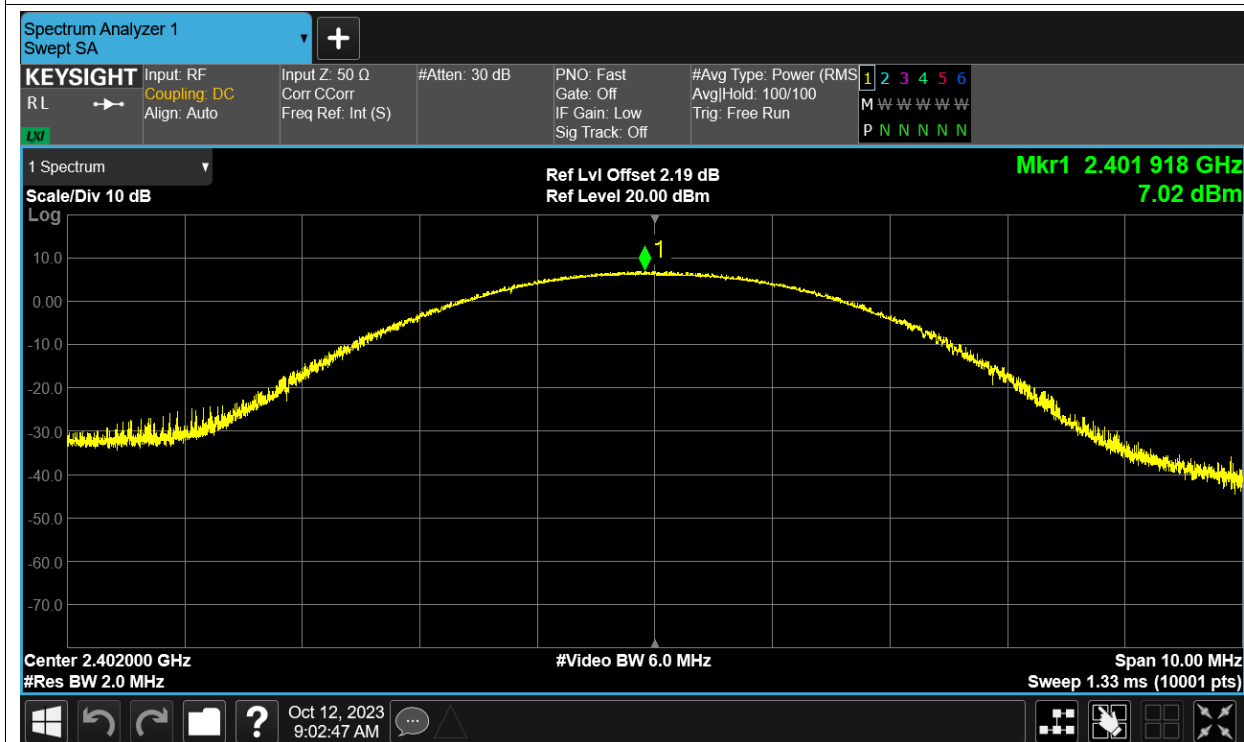
Power 2-DH5 2441MHz



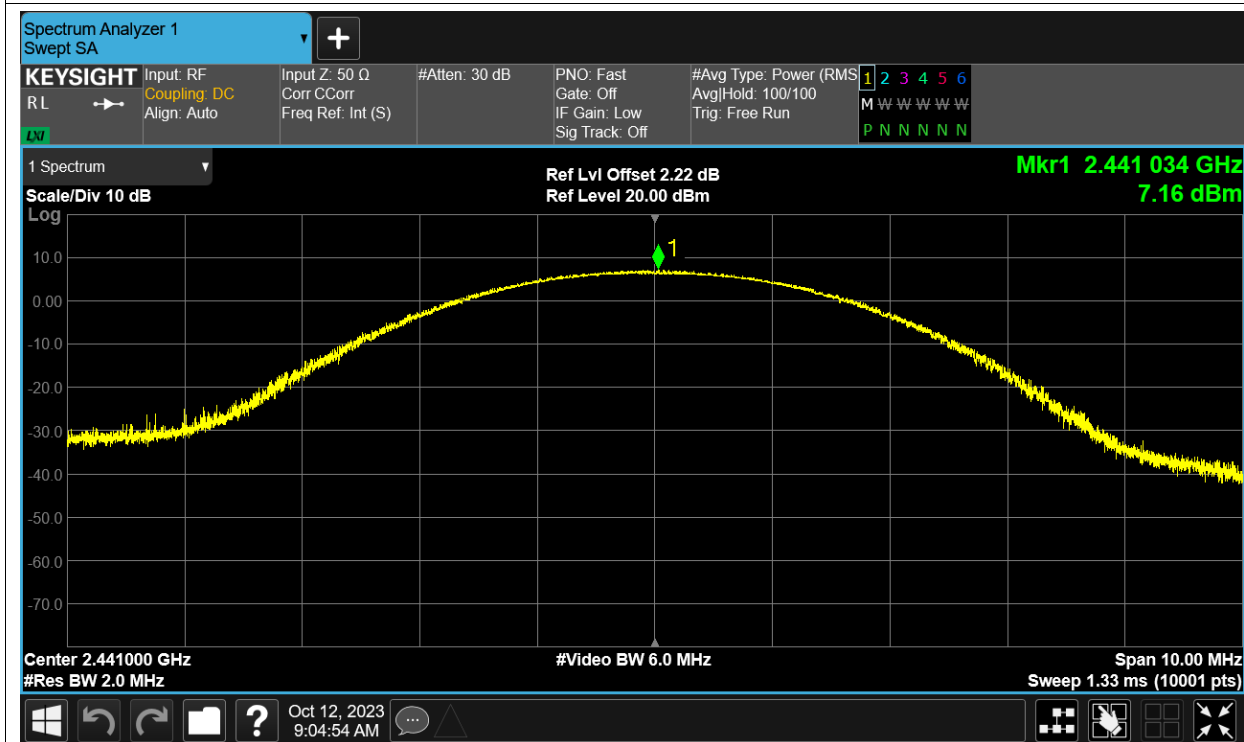
Power 2-DH5 2480MHz



Power 3-DH5 2402MHz



Power 3-DH5 2441MHz



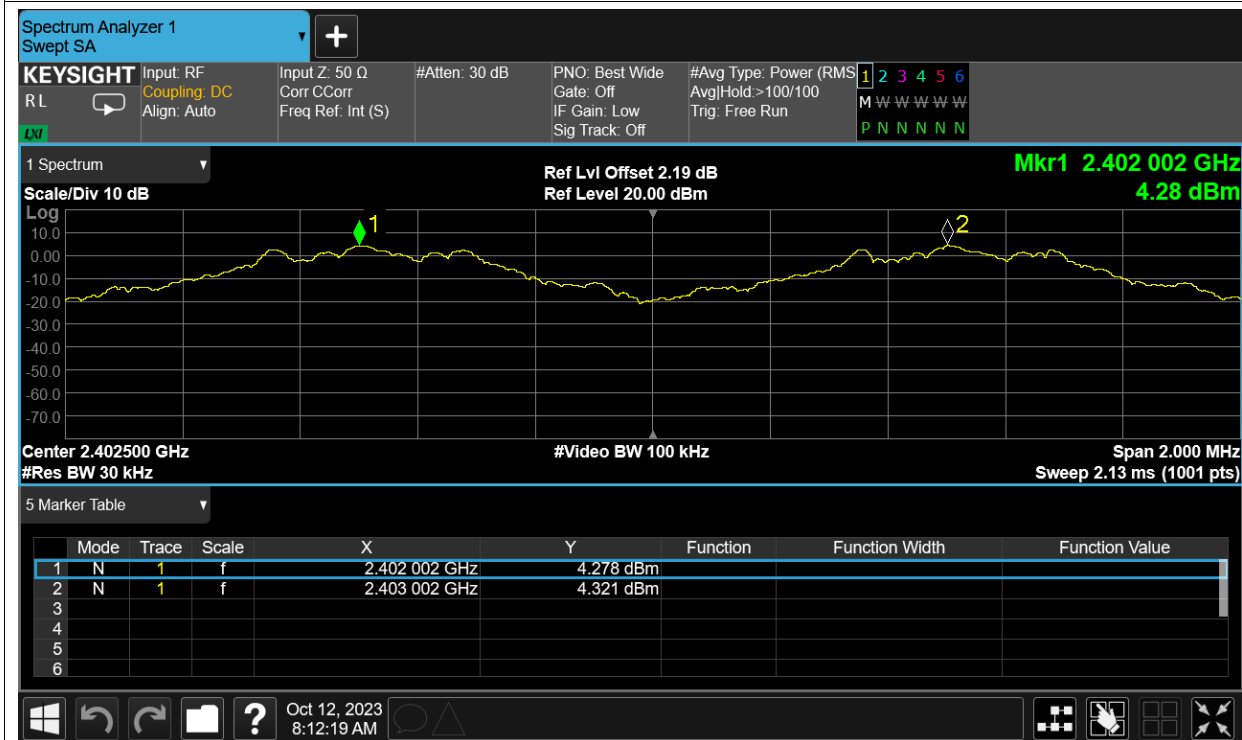


### 3. Appendix C Carrier Frequency Separation

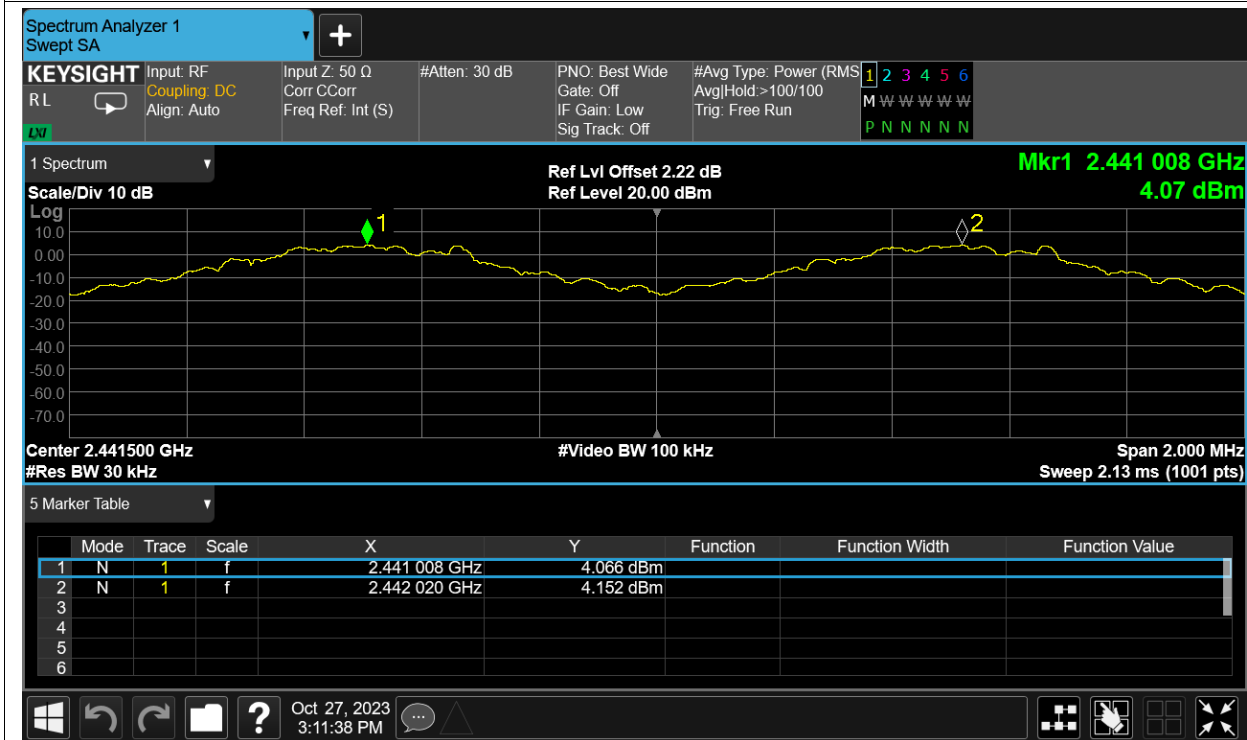
| Mode  | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-------|---------------------|---------------------|-----------|-------------|---------|
| 1-DH5 | 2402.002            | 2403.002            | 1         | 2/3*20dB BW | Pass    |
| 1-DH5 | 2441.008            | 2442.02             | 1.012     | 2/3*20dB BW | Pass    |
| 1-DH5 | 2479.004            | 2480.016            | 1.012     | 2/3*20dB BW | Pass    |
| 2-DH5 | 2402.002            | 2403.008            | 1.006     | 2/3*20dB BW | Pass    |
| 2-DH5 | 2441.002            | 2442.01             | 1.008     | 2/3*20dB BW | Pass    |
| 2-DH5 | 2479.006            | 2480.016            | 1.01      | 2/3*20dB BW | Pass    |
| 3-DH5 | 2402.002            | 2403.008            | 1.006     | 2/3*20dB BW | Pass    |
| 3-DH5 | 2441.006            | 2442.004            | 0.998     | 2/3*20dB BW | Pass    |
| 3-DH5 | 2478.996            | 2480.016            | 1.02      | 2/3*20dB BW | Pass    |

## Test Graphs

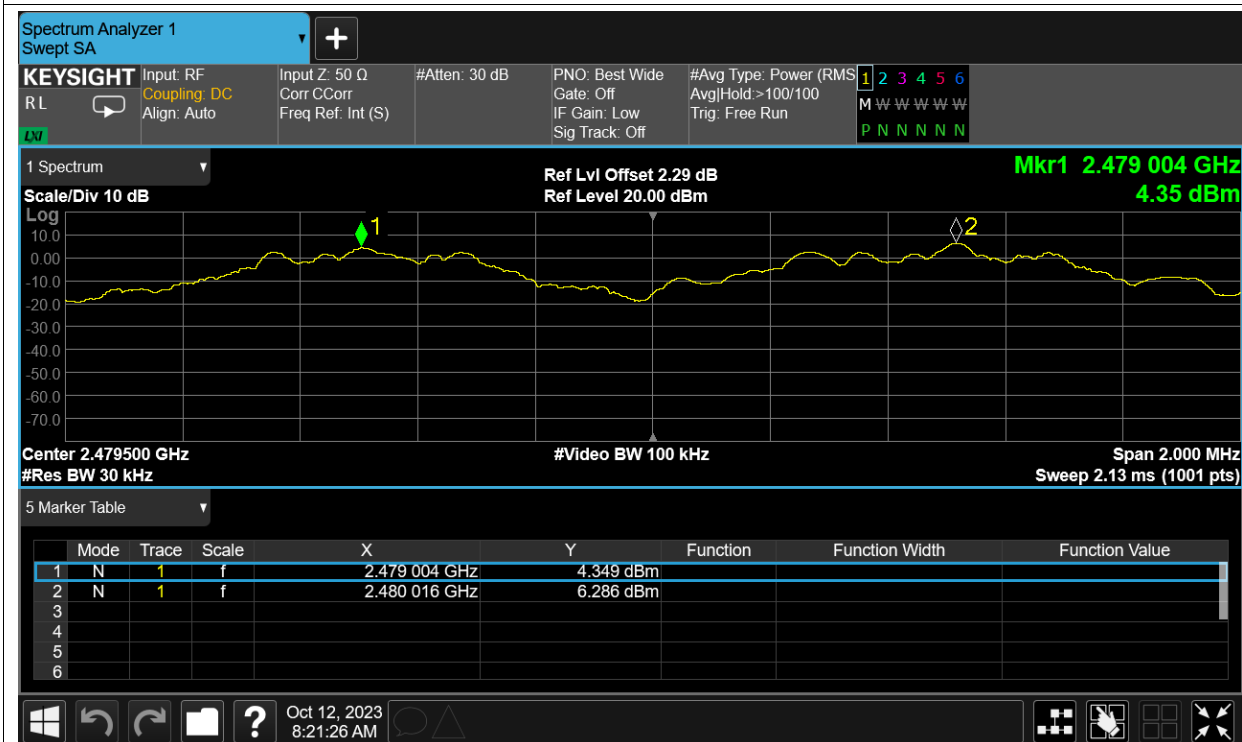
CFS 1-DH5 2402MHz



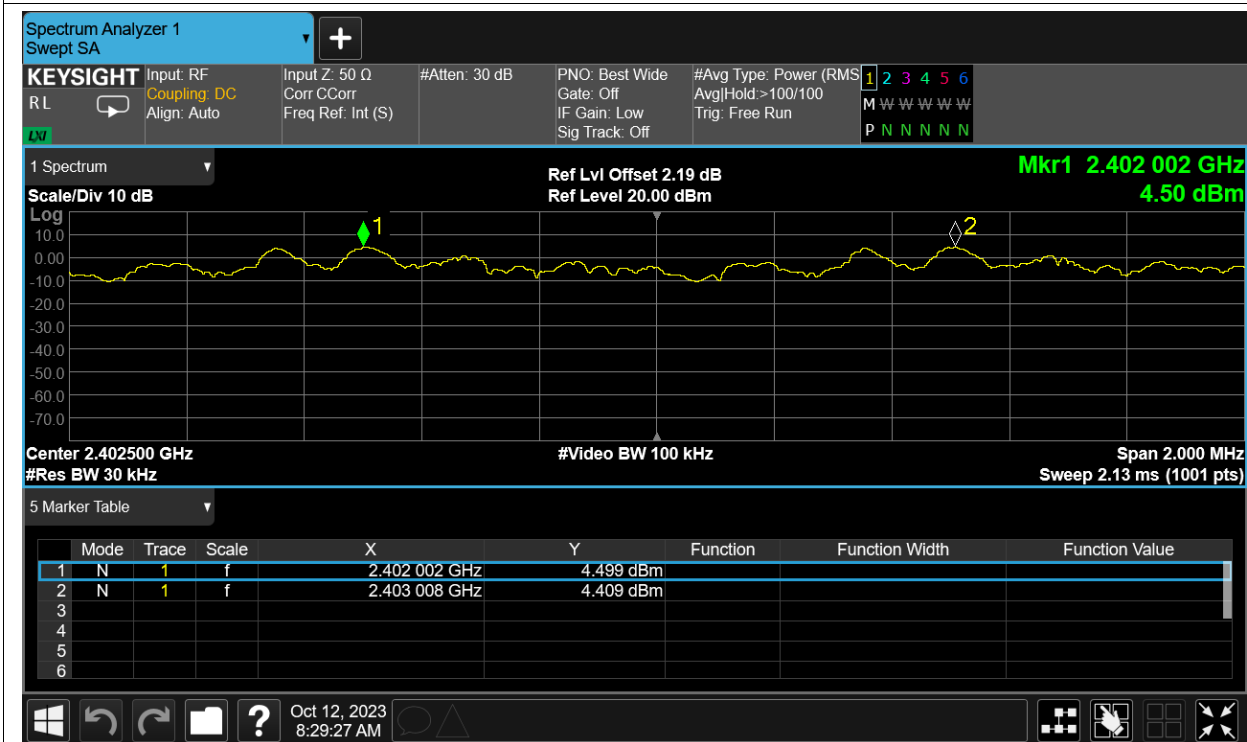
CFS 1-DH5 2441MHz



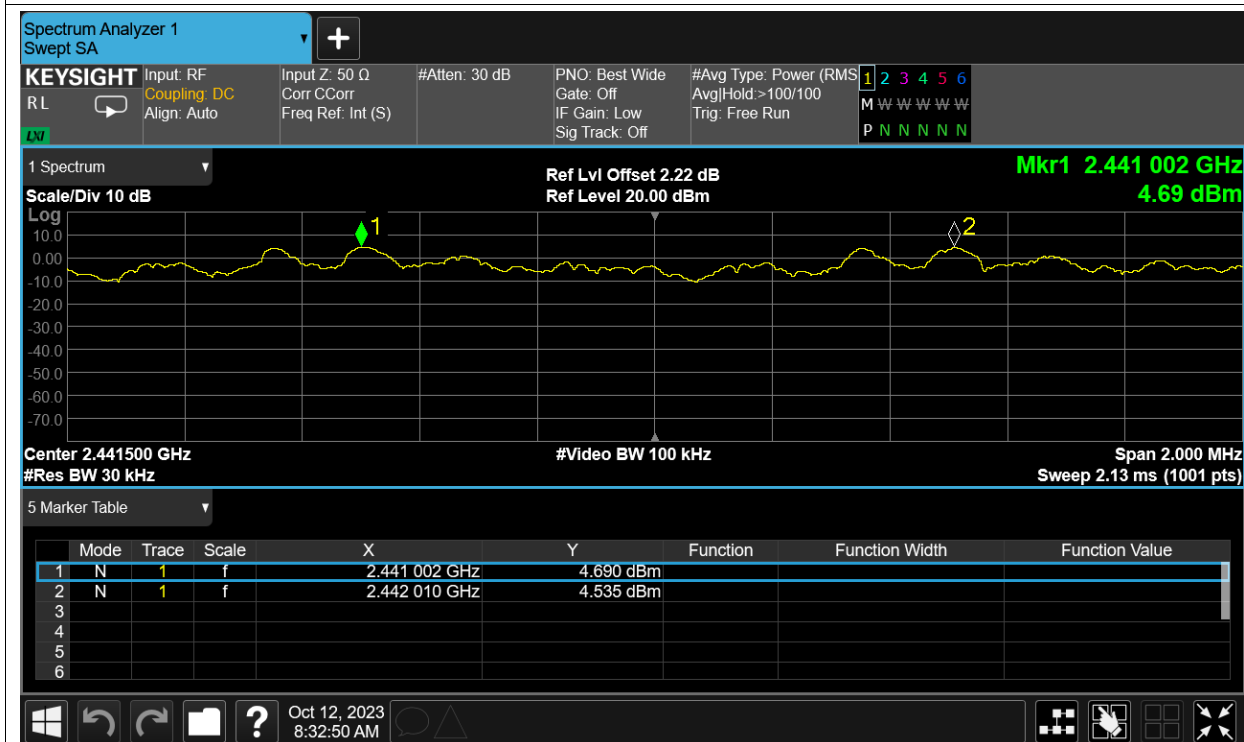
## CFS 1-DH5 2480MHz



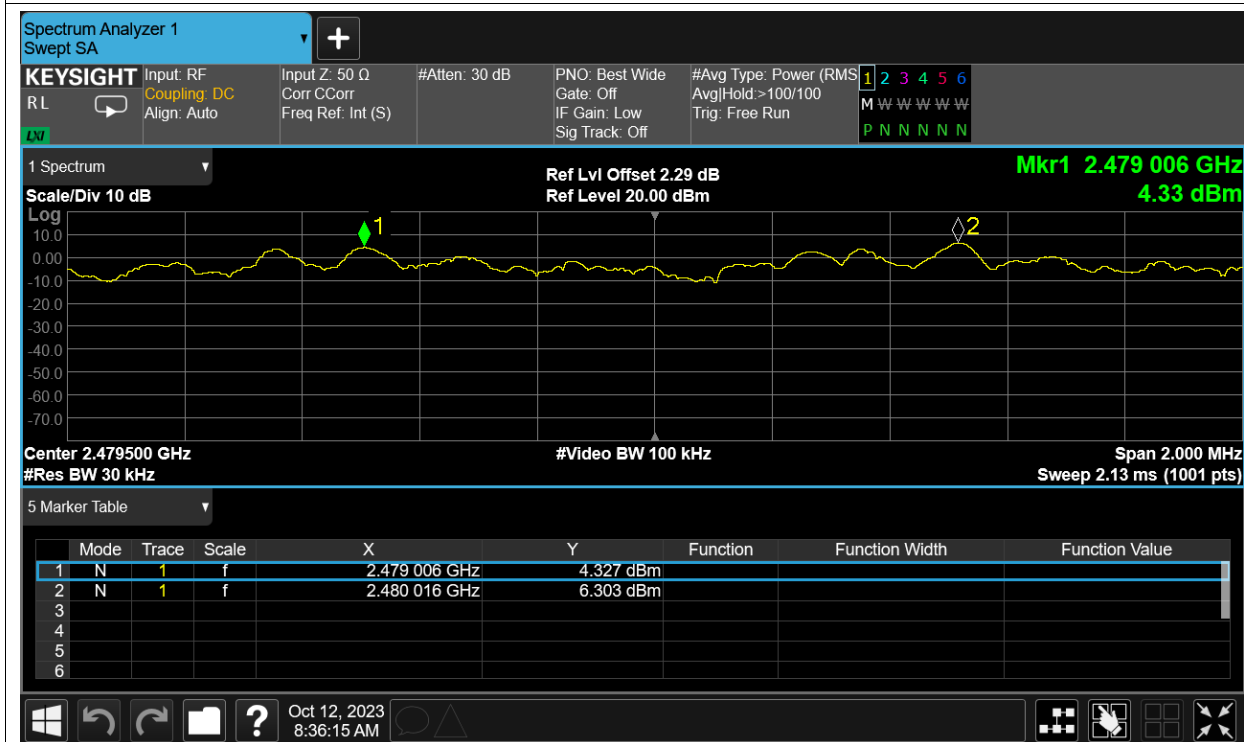
## CFS 2-DH5 2402MHz



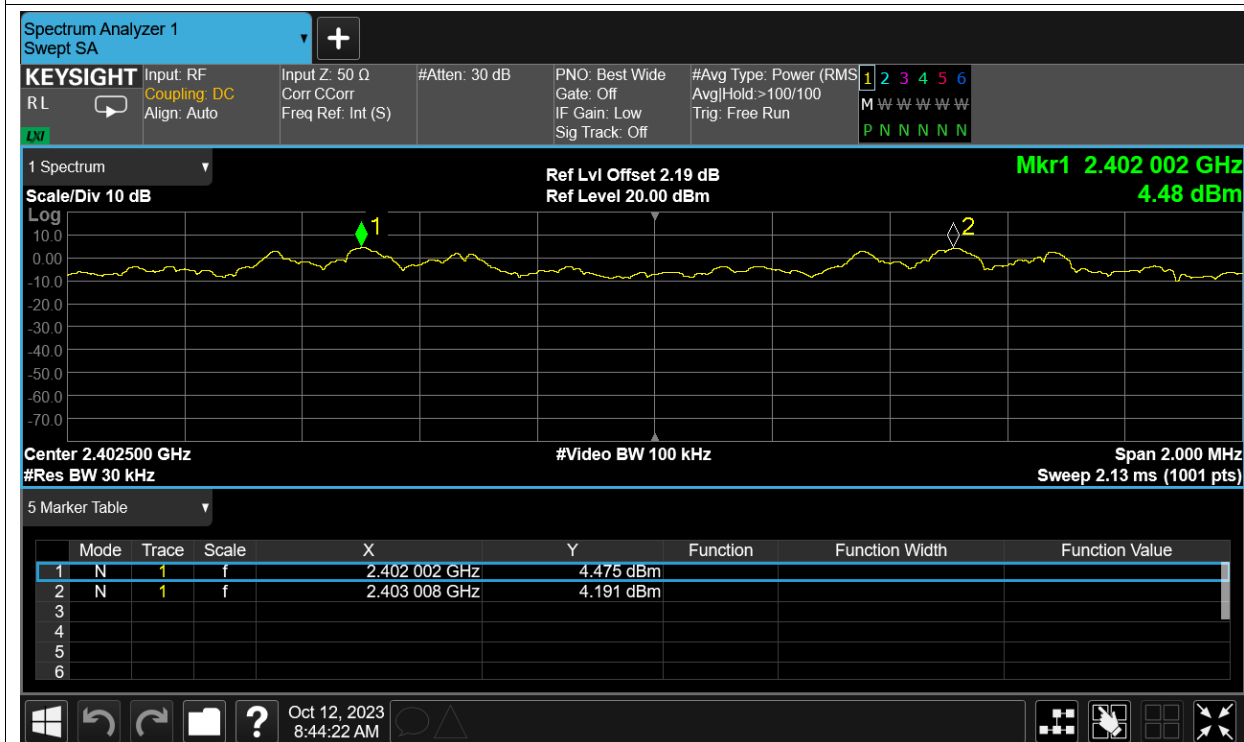
## CFS 2-DH5 2441MHz



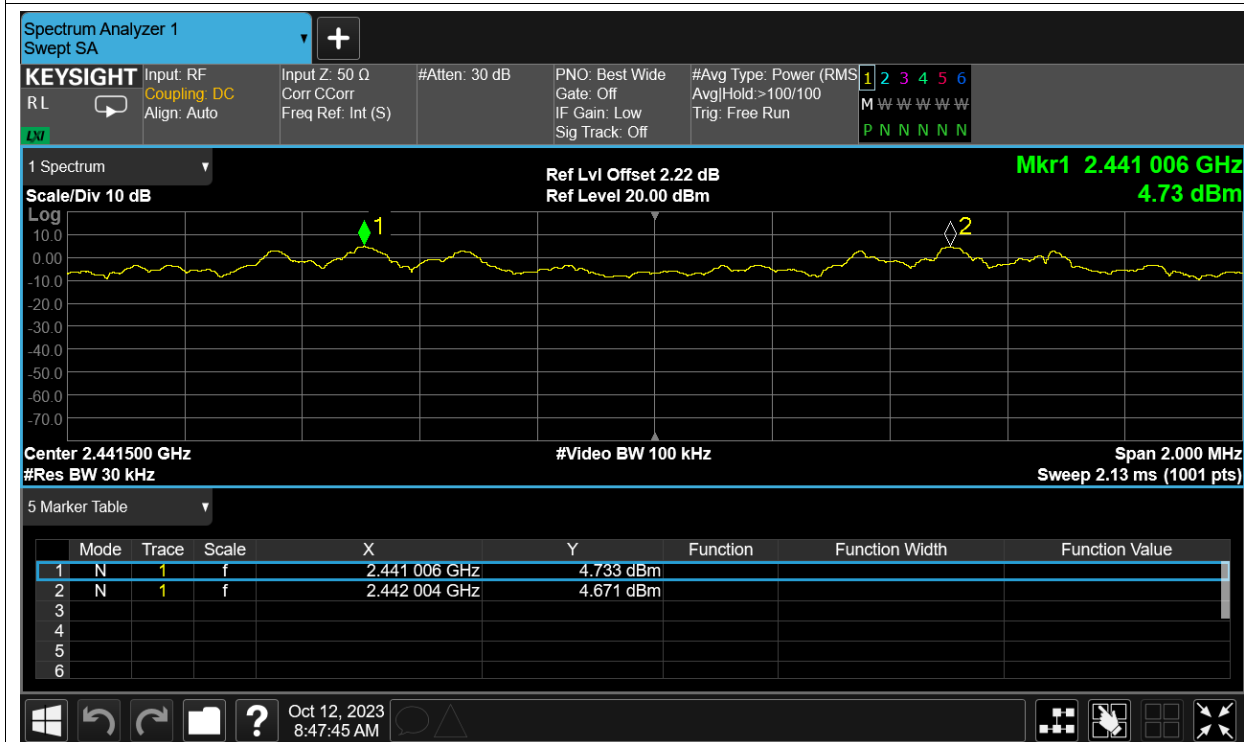
## CFS 2-DH5 2480MHz

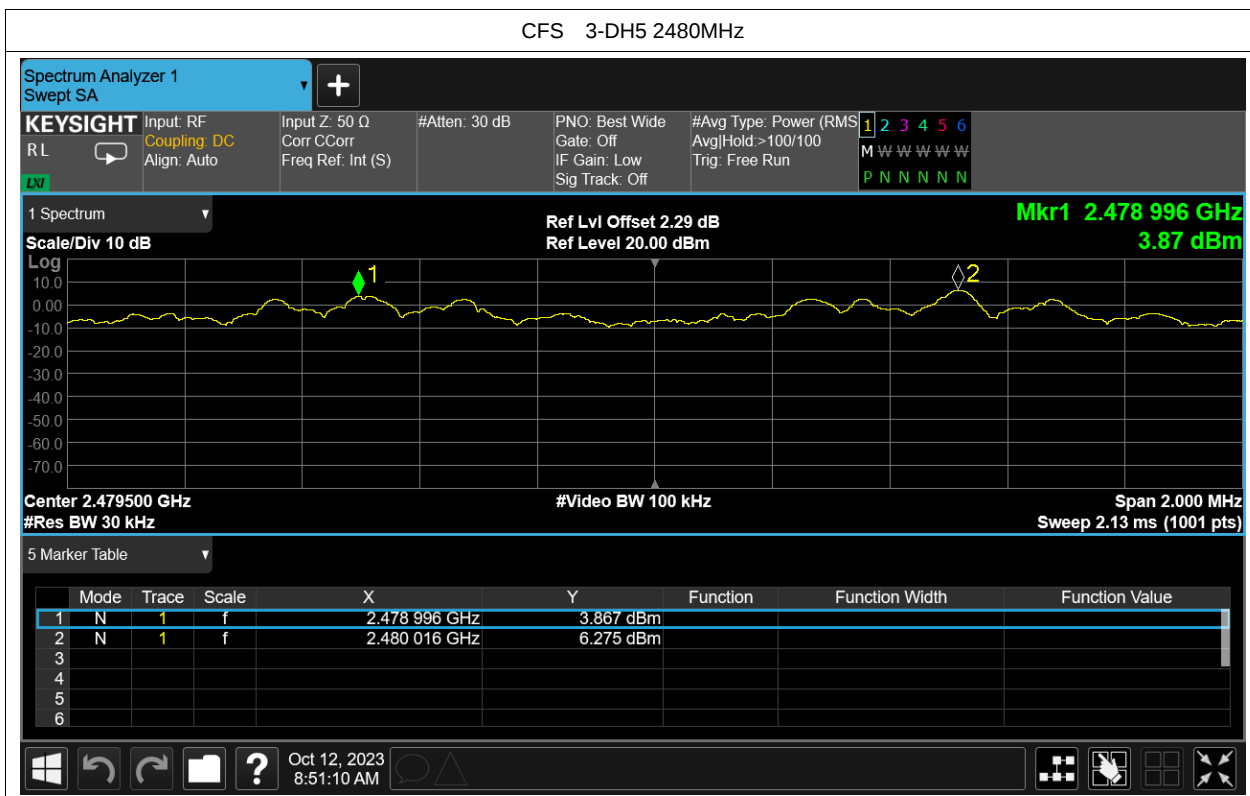


CFS 3-DH5 2402MHz



CFS 3-DH5 2441MHz



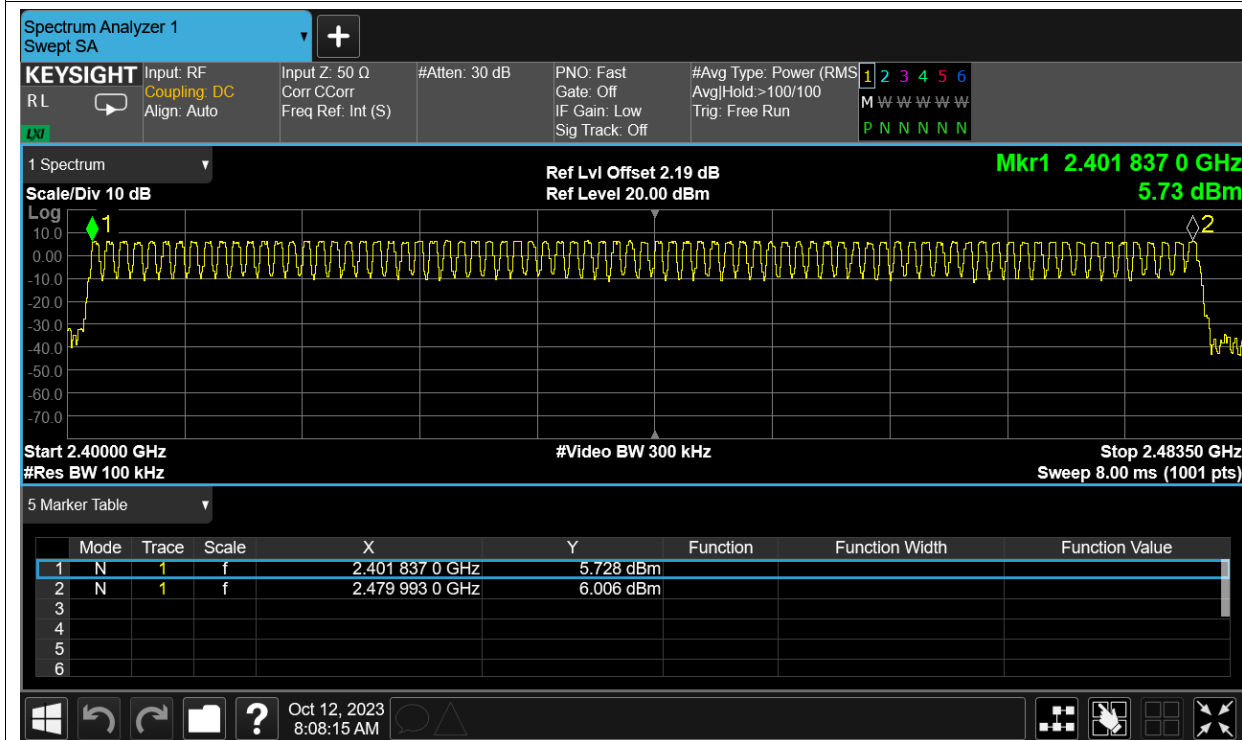


## 4. Appendix D Hopping Channel Number

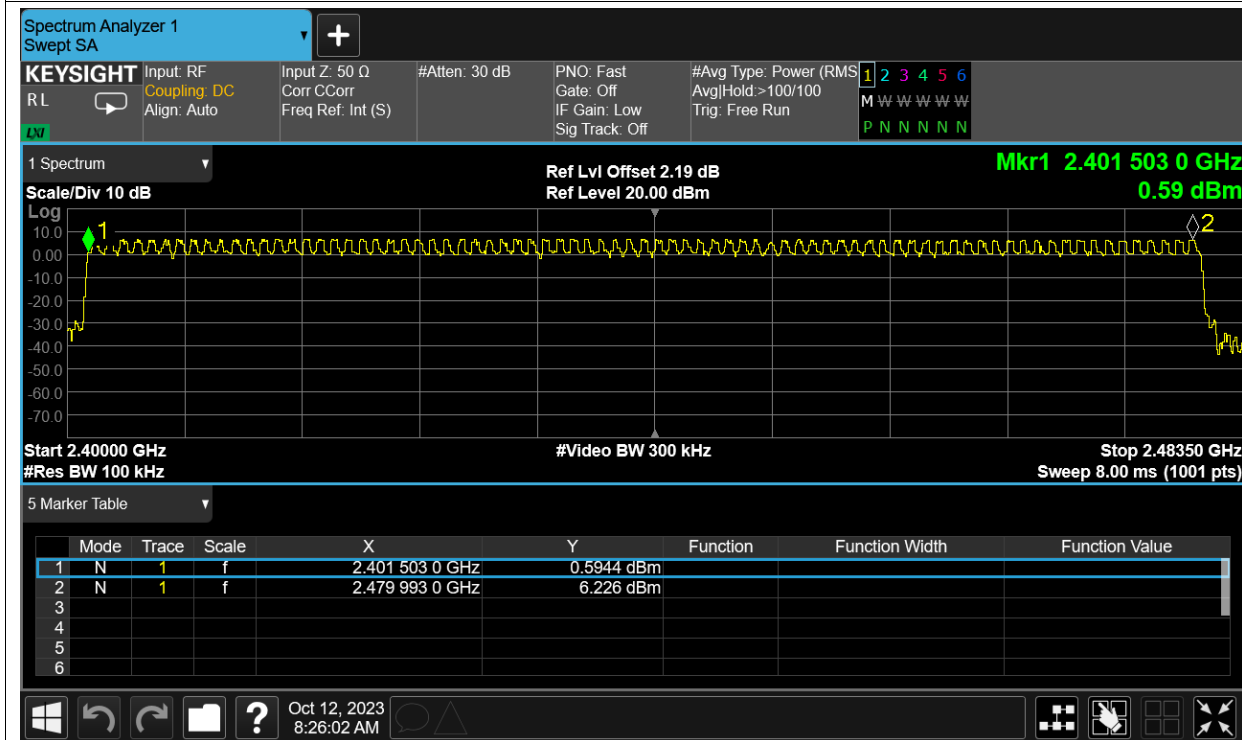
| Mode  | Hopping Number | Limit | Verdict |
|-------|----------------|-------|---------|
| 1-DH5 | 79             | 15    | Pass    |
| 2-DH5 | 79             | 15    | Pass    |
| 3-DH5 | 79             | 15    | Pass    |

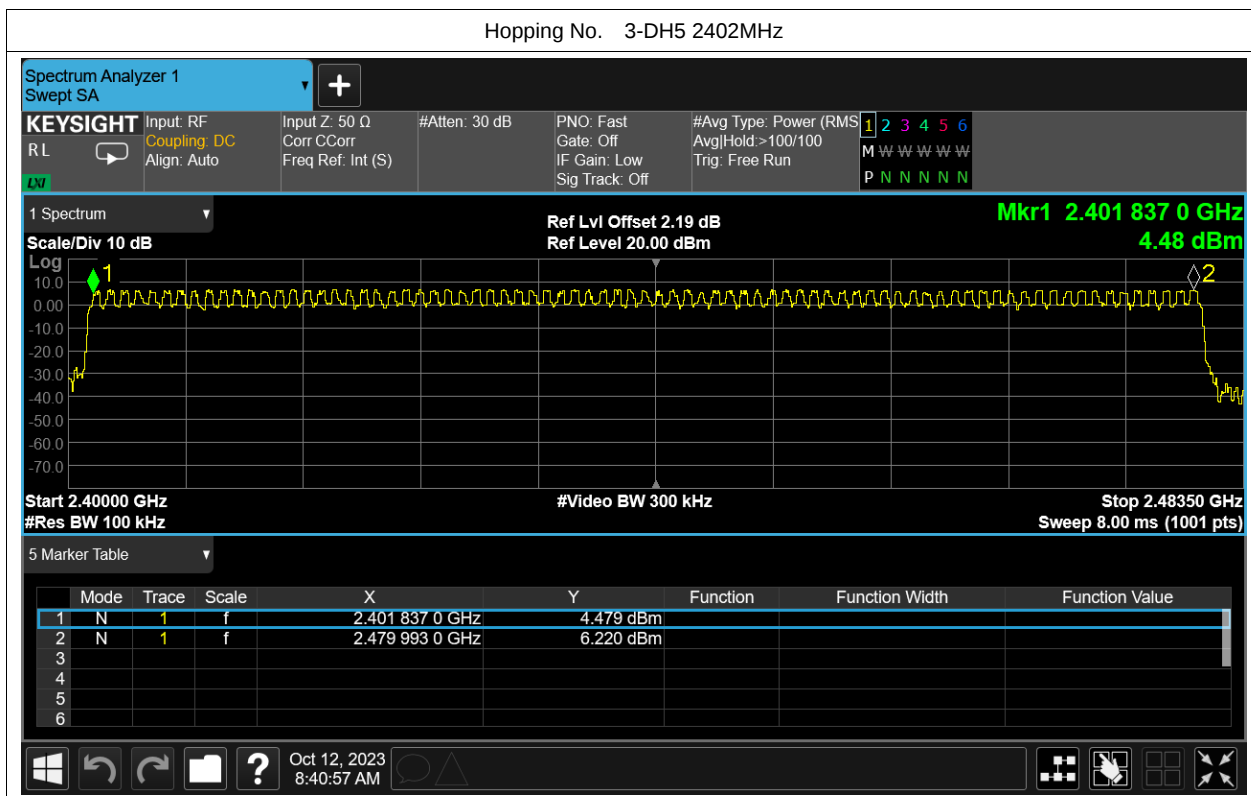
## Test Graphs

Hopping No. 1-DH5 2402MHz



Hopping No. 2-DH5 2402MHz



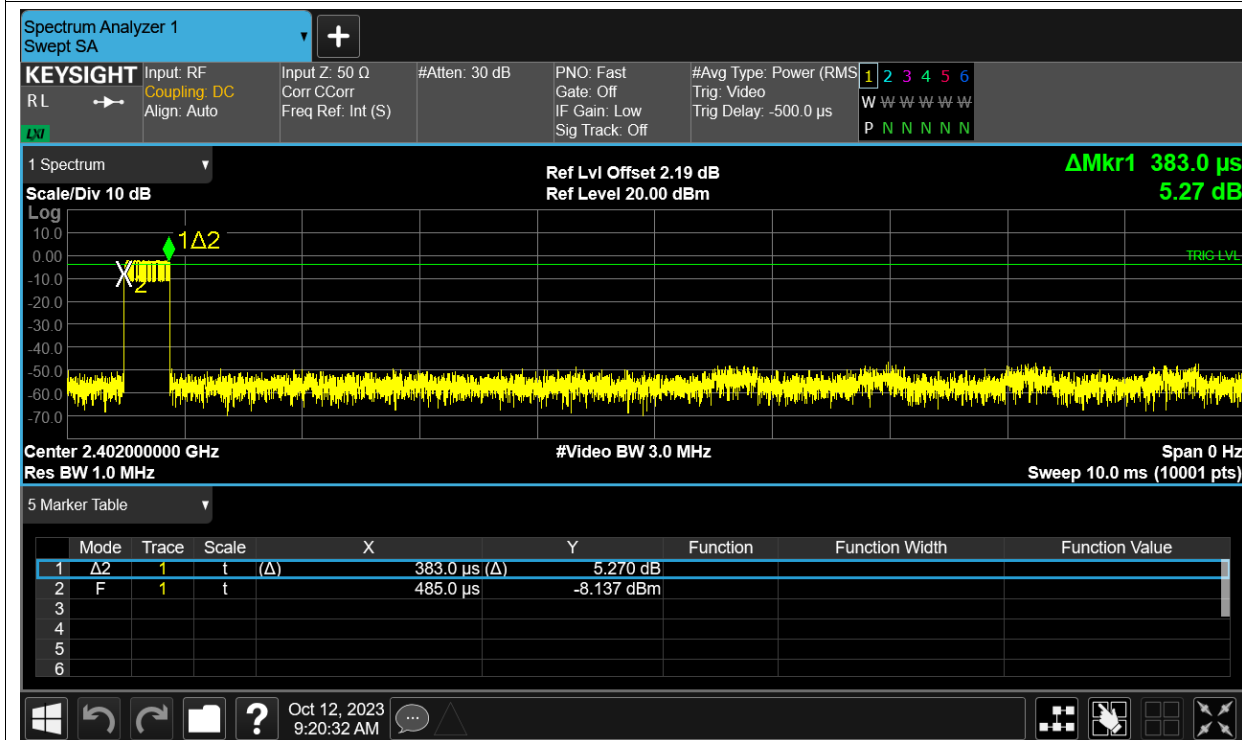


## 5. Appendix E Time of Occupancy (Dwell Time)

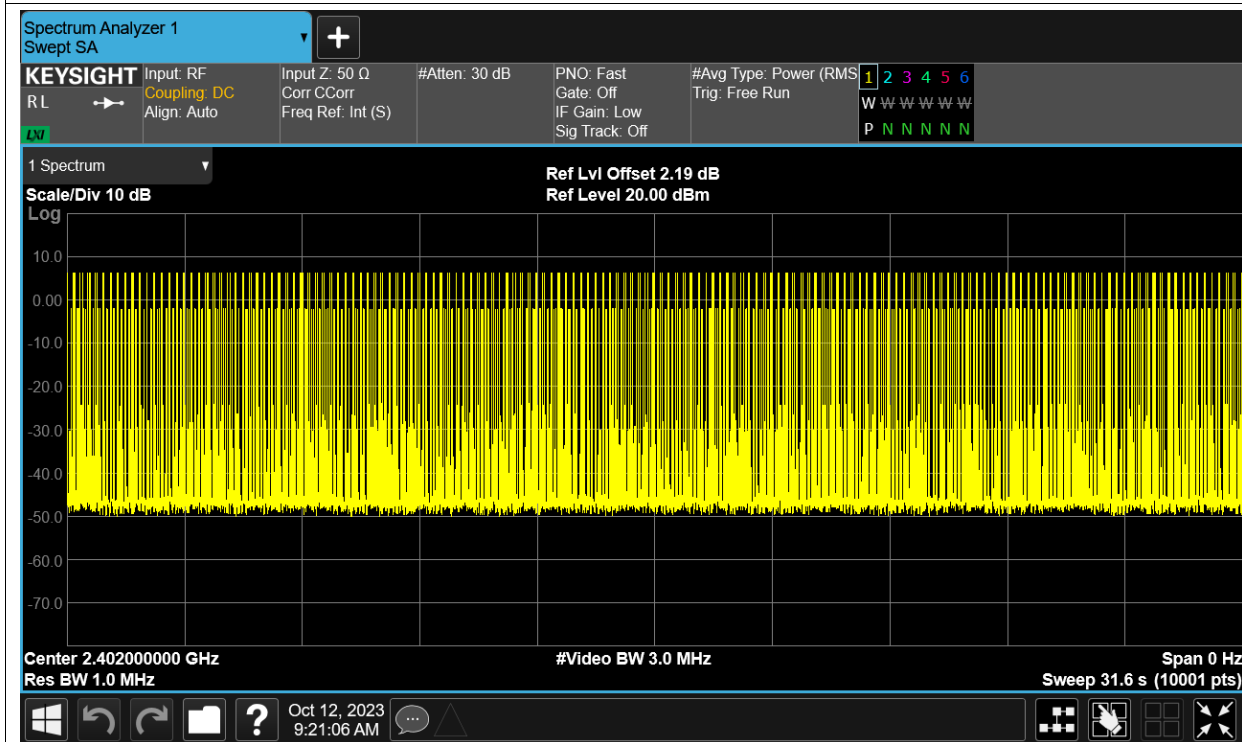
| Mode  | Frequency<br>(MHz) | Pulse Time<br>(ms) | Total Dwell Time<br>(ms) | Burst<br>Count | Period Time<br>(ms) | Limit<br>(ms) | Verdict |
|-------|--------------------|--------------------|--------------------------|----------------|---------------------|---------------|---------|
| 1-DH1 | 2402               | 0.383              | 122.56                   | 320            | 31600               | 400           | Pass    |
| 1-DH1 | 2441               | 0.382              | 121.476                  | 318            | 31600               | 400           | Pass    |
| 1-DH1 | 2480               | 0.381              | 121.158                  | 318            | 31600               | 400           | Pass    |
| 1-DH3 | 2402               | 1.638              | 257.166                  | 157            | 31600               | 400           | Pass    |
| 1-DH3 | 2441               | 1.637              | 247.187                  | 151            | 31600               | 400           | Pass    |
| 1-DH3 | 2480               | 1.639              | 270.435                  | 165            | 31600               | 400           | Pass    |
| 1-DH5 | 2402               | 2.887              | 303.135                  | 105            | 31600               | 400           | Pass    |
| 1-DH5 | 2441               | 2.886              | 303.03                   | 105            | 31600               | 400           | Pass    |
| 1-DH5 | 2480               | 2.887              | 308.909                  | 107            | 31600               | 400           | Pass    |

## Test Graphs

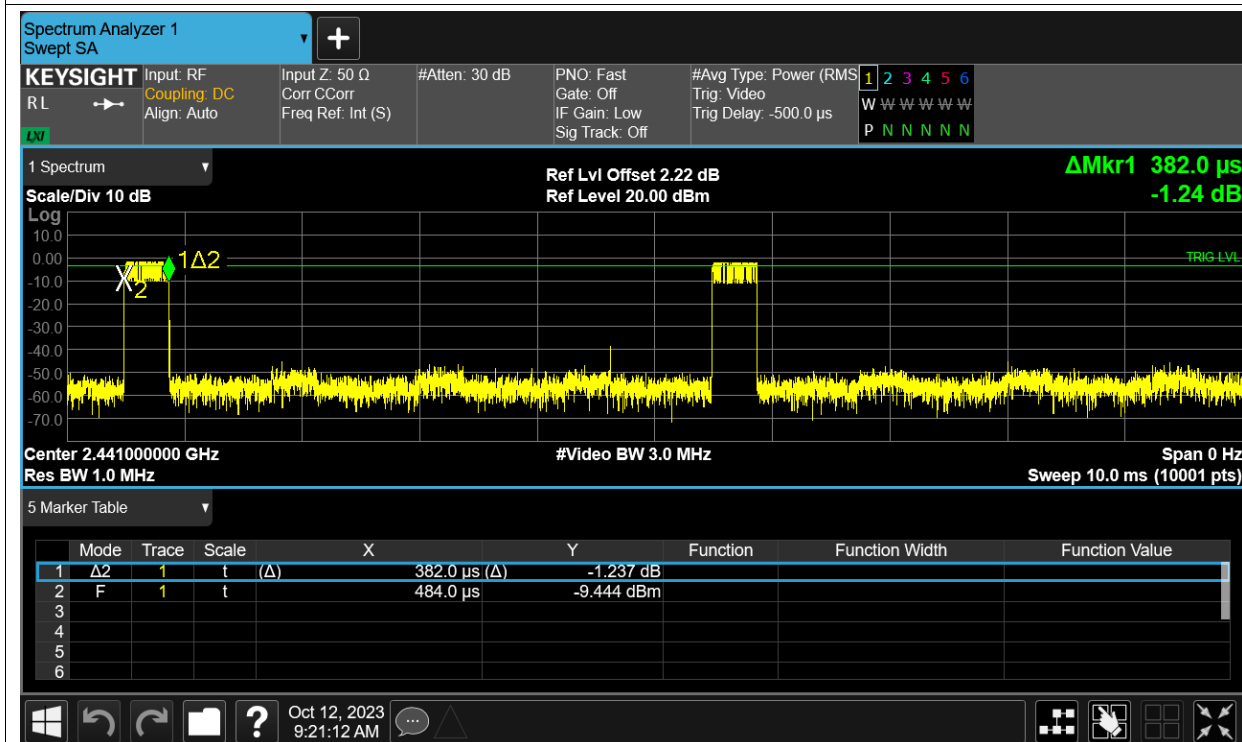
Dwell 1-DH1 2402MHz One Burst



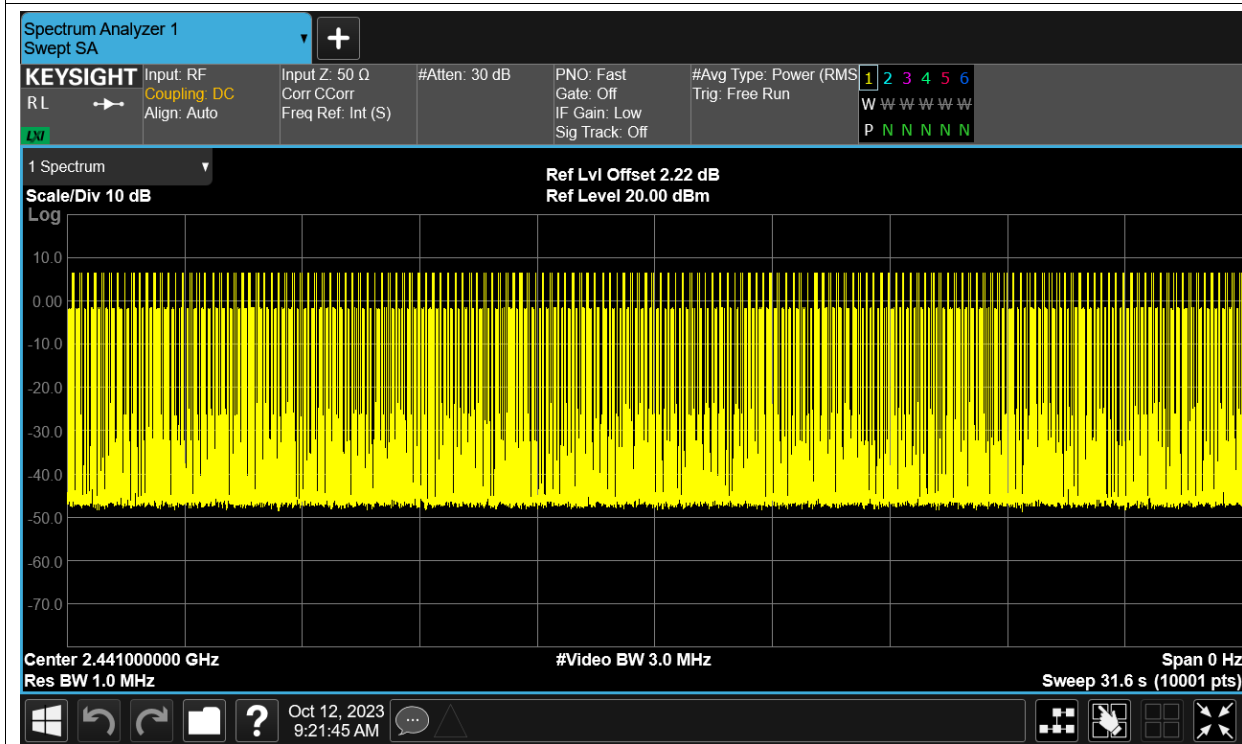
Dwell 1-DH1 2402MHz Accumulated



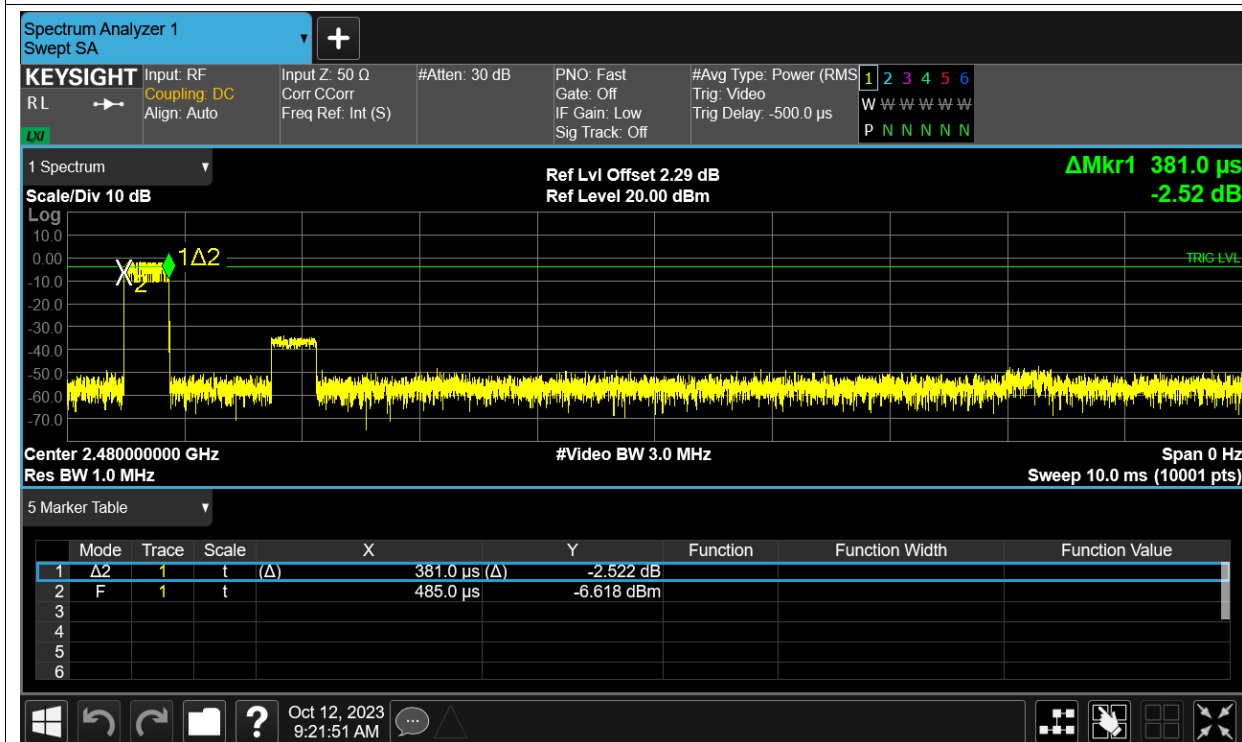
Dwell 1-DH1 2441MHz One Burst



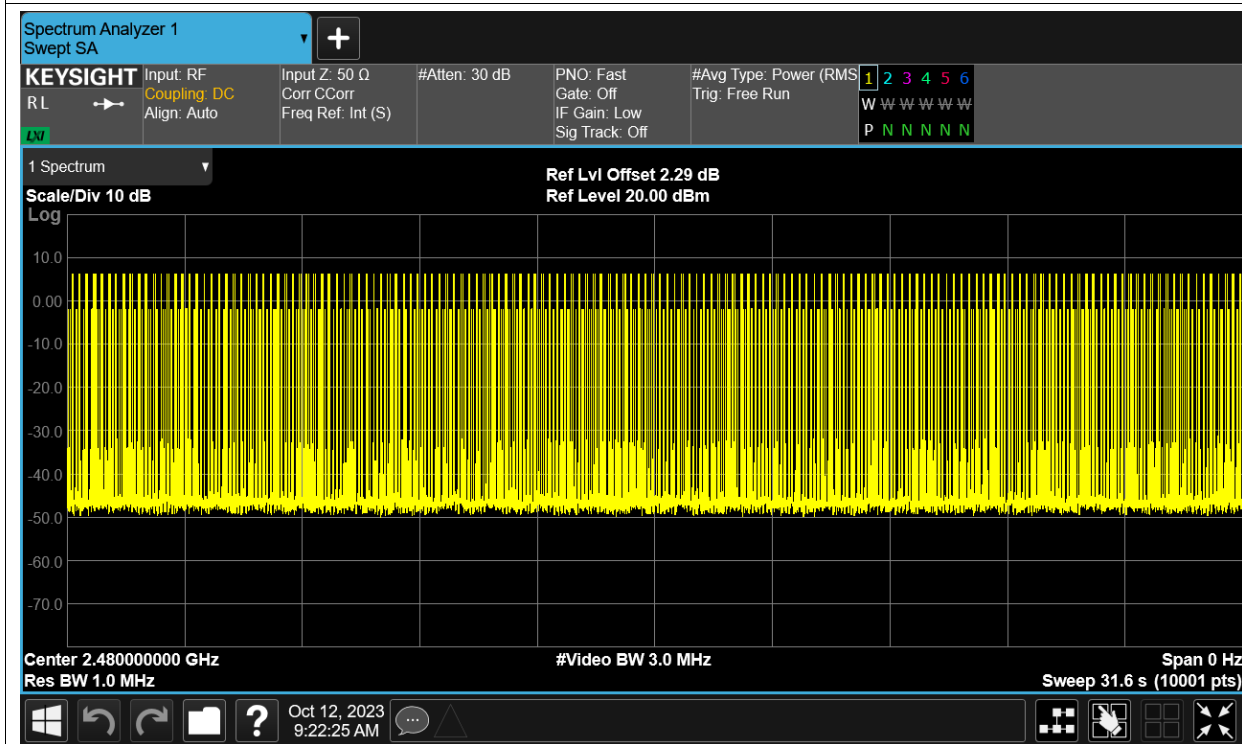
Dwell 1-DH1 2441MHz Accumulated



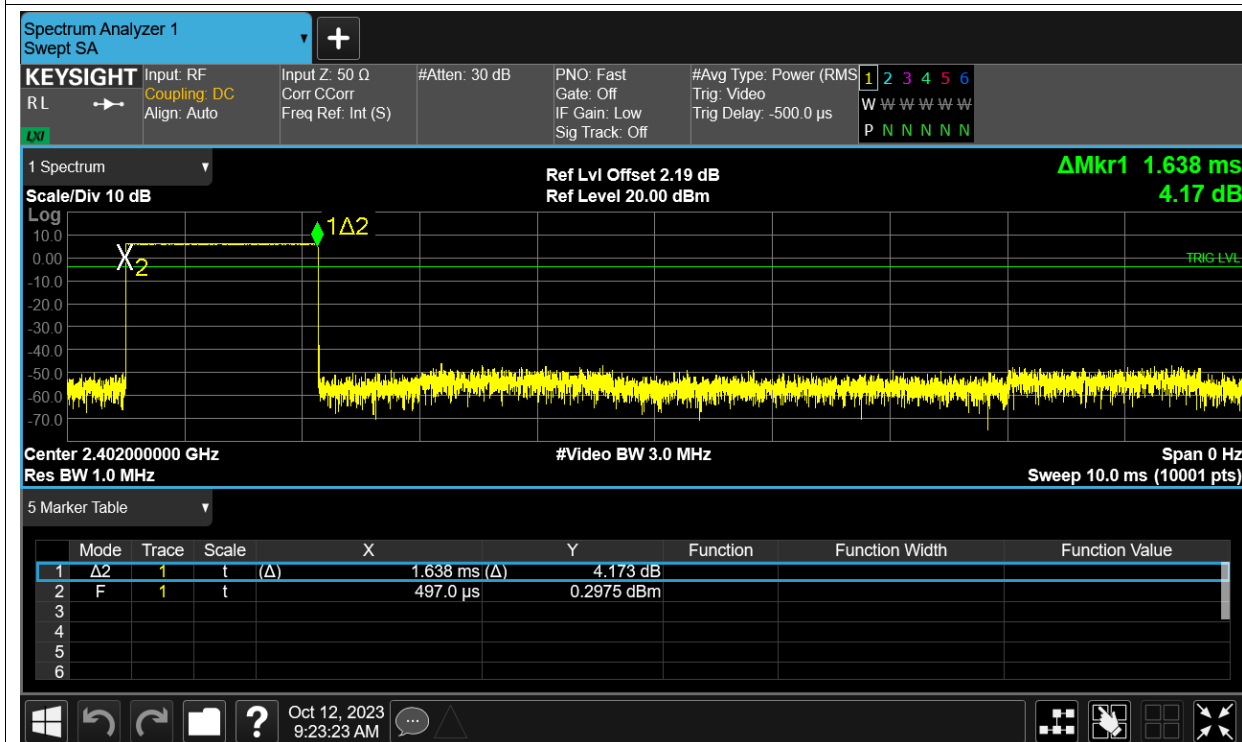
Dwell 1-DH1 2480MHz One Burst



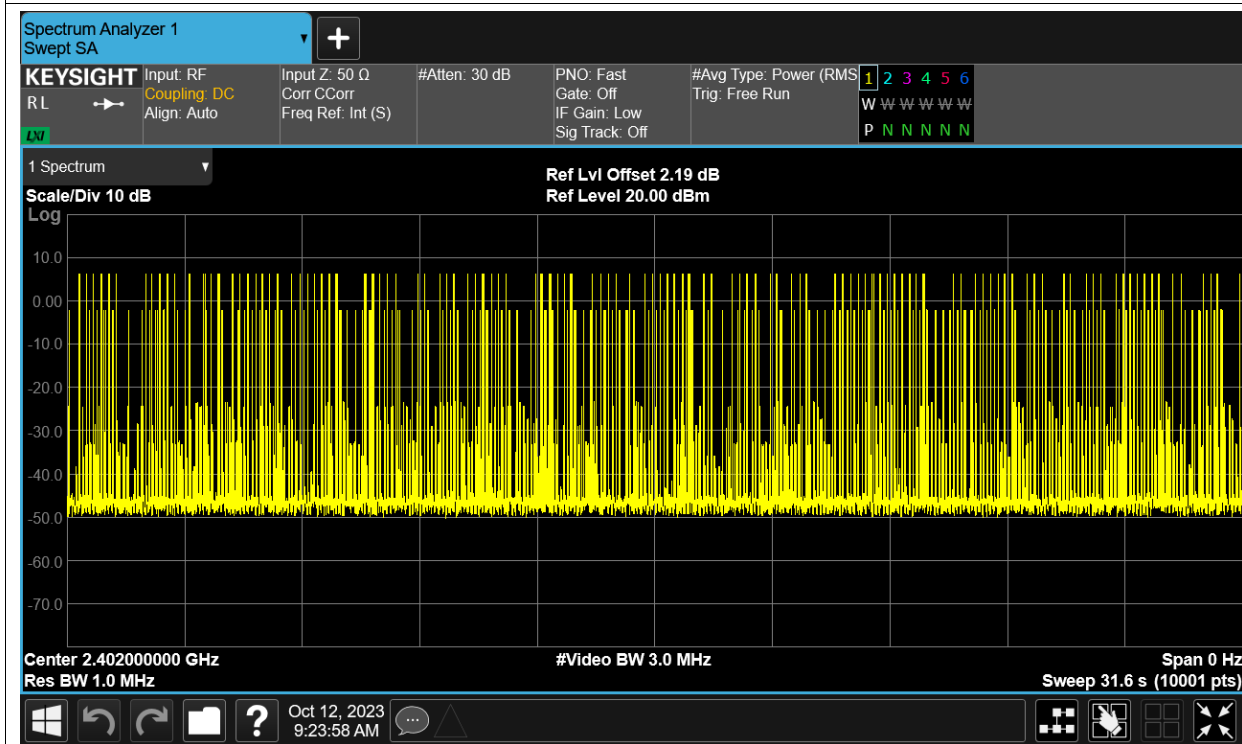
Dwell 1-DH1 2480MHz Accumulated



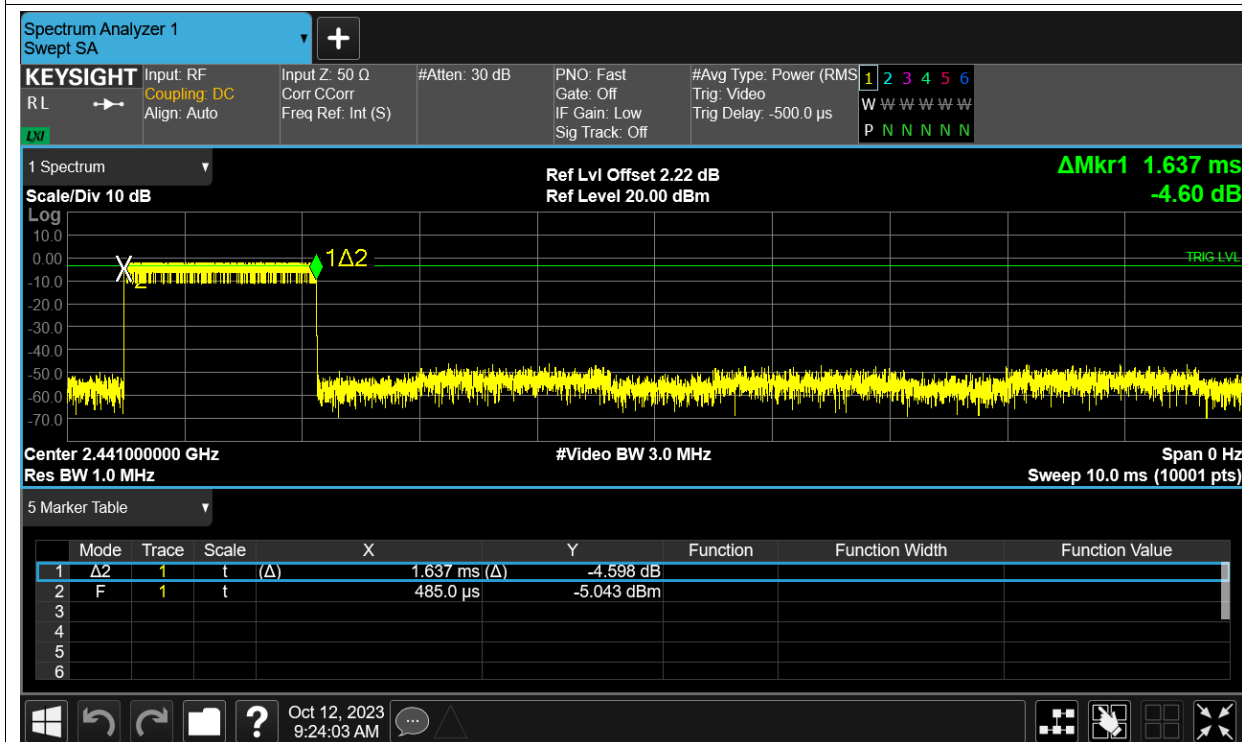
Dwell 1-DH3 2402MHz One Burst



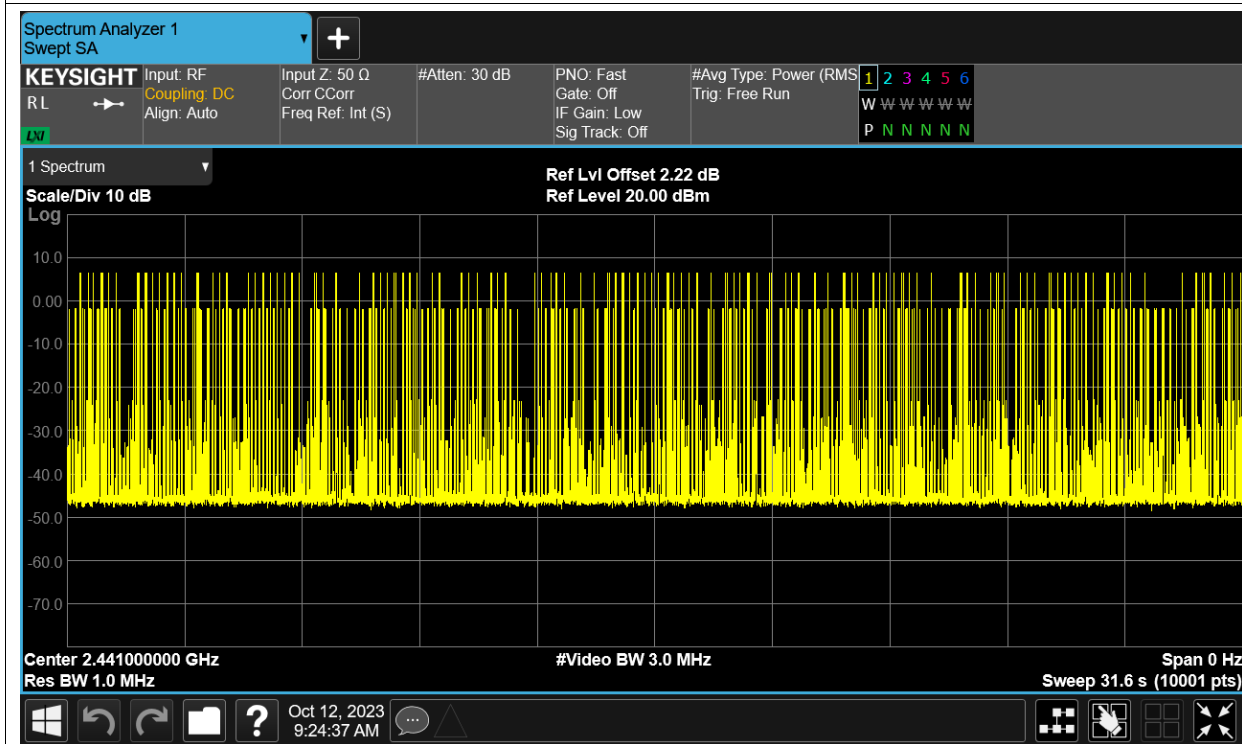
Dwell 1-DH3 2402MHz Accumulated



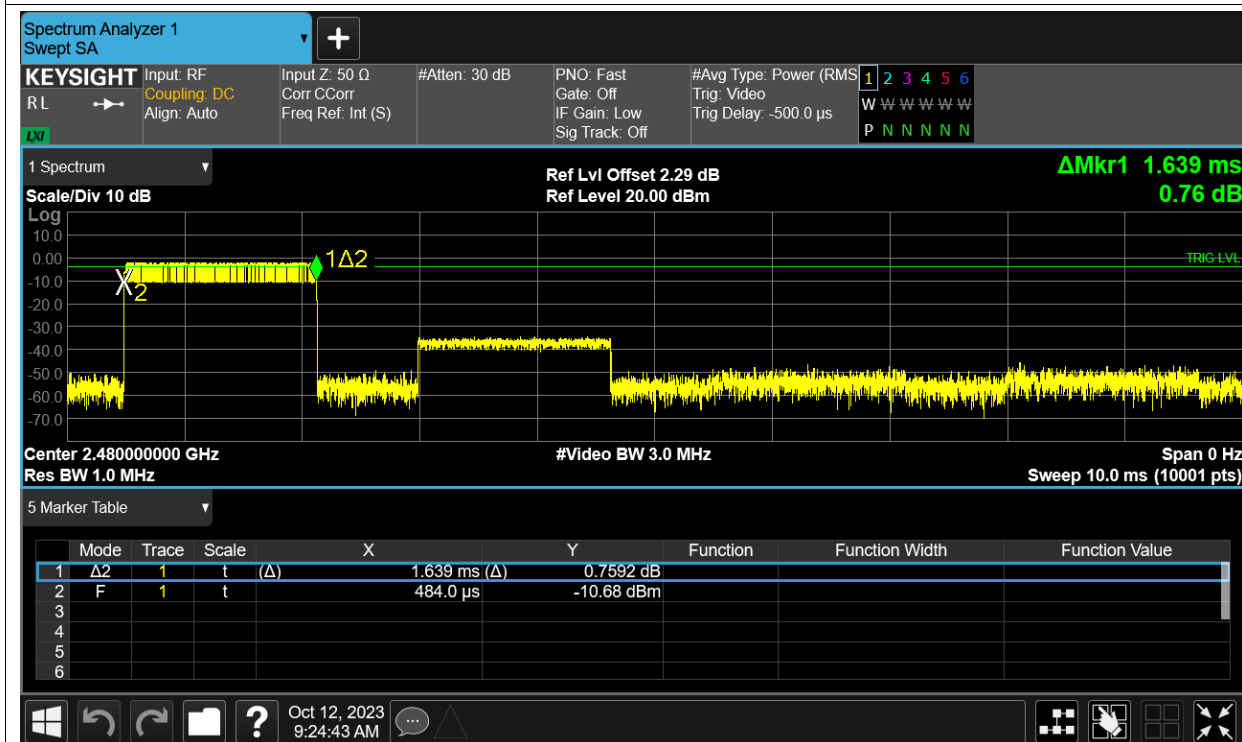
## Dwell 1-DH3 2441MHz One Burst



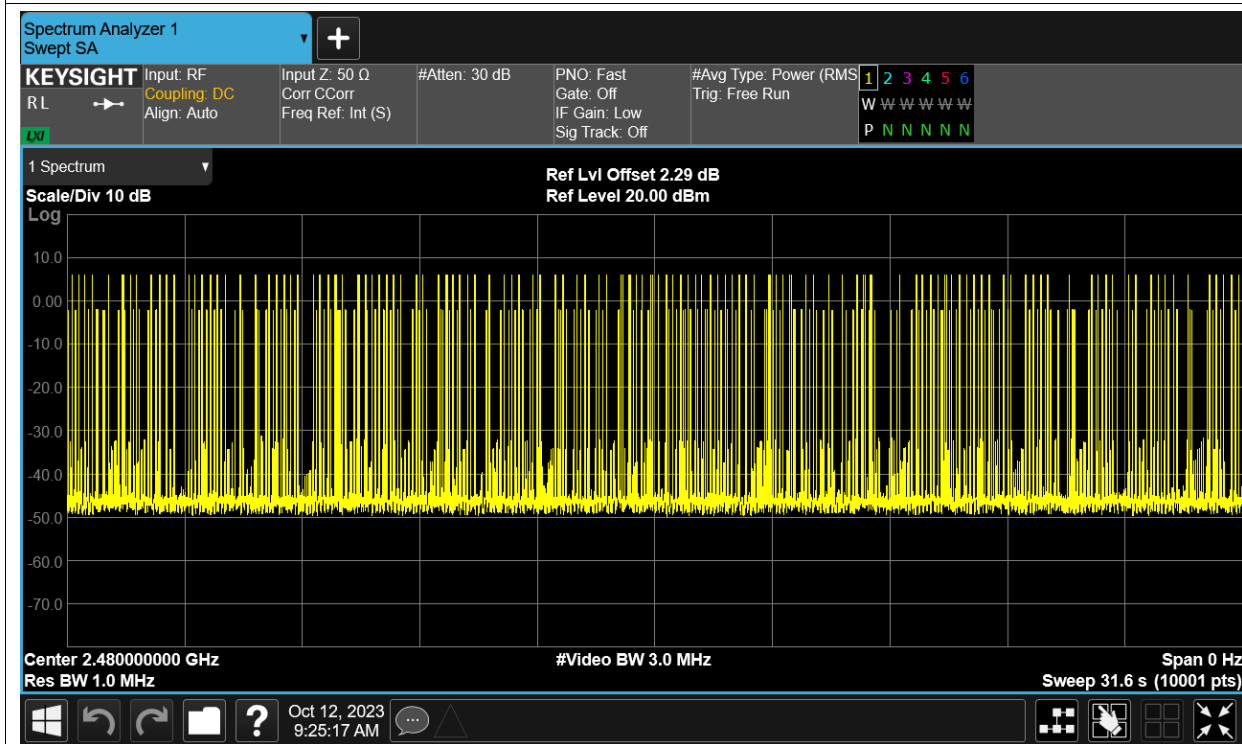
## Dwell 1-DH3 2441MHz Accumulated



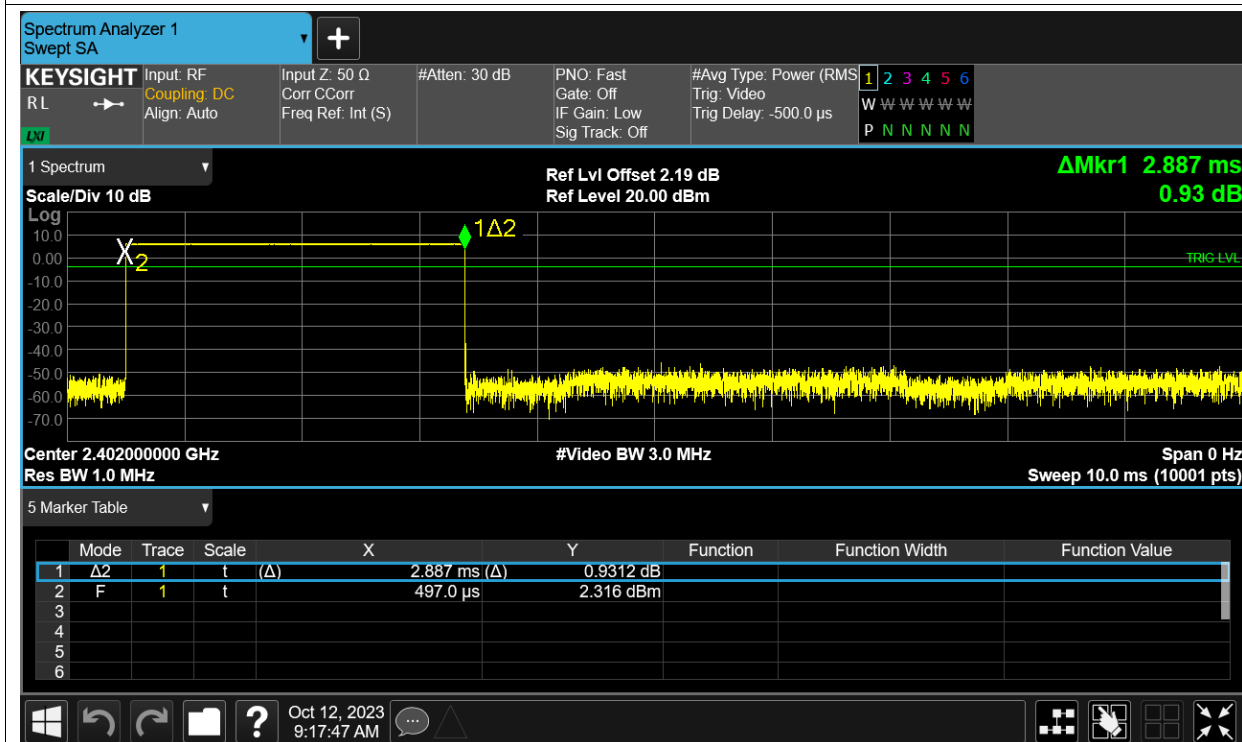
Dwell 1-DH3 2480MHz One Burst



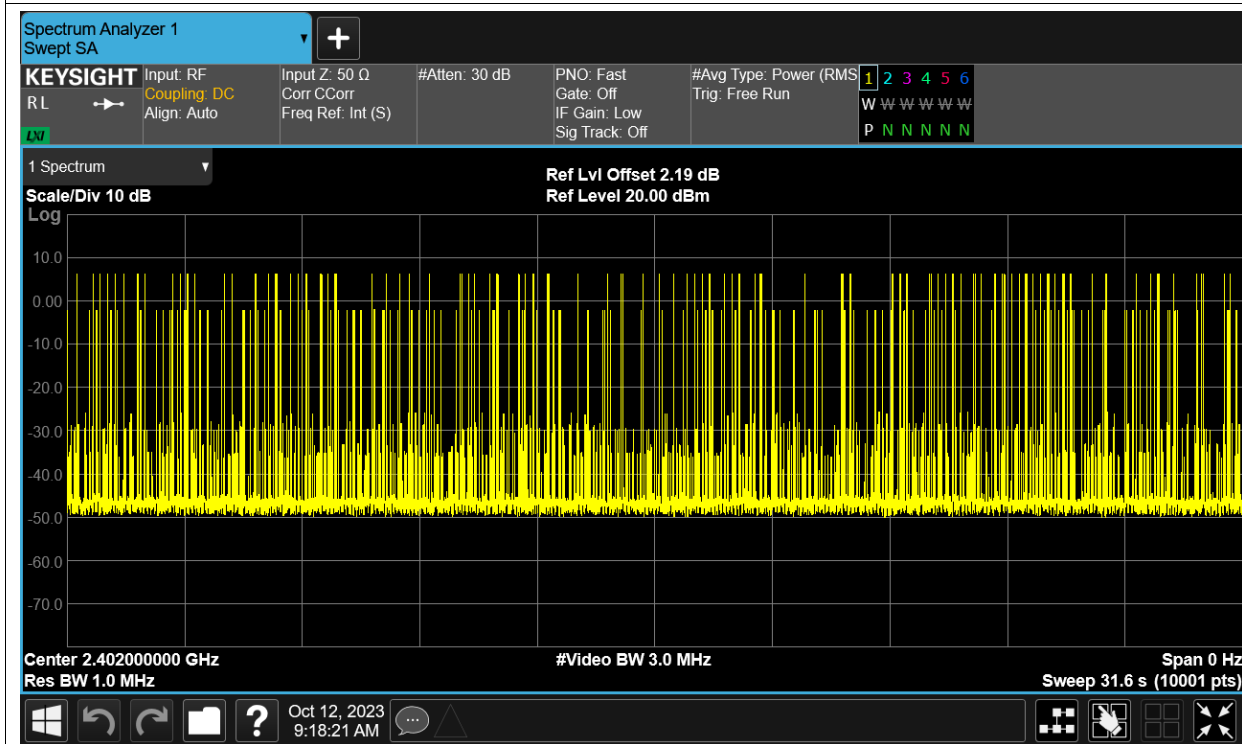
Dwell 1-DH3 2480MHz Accumulated



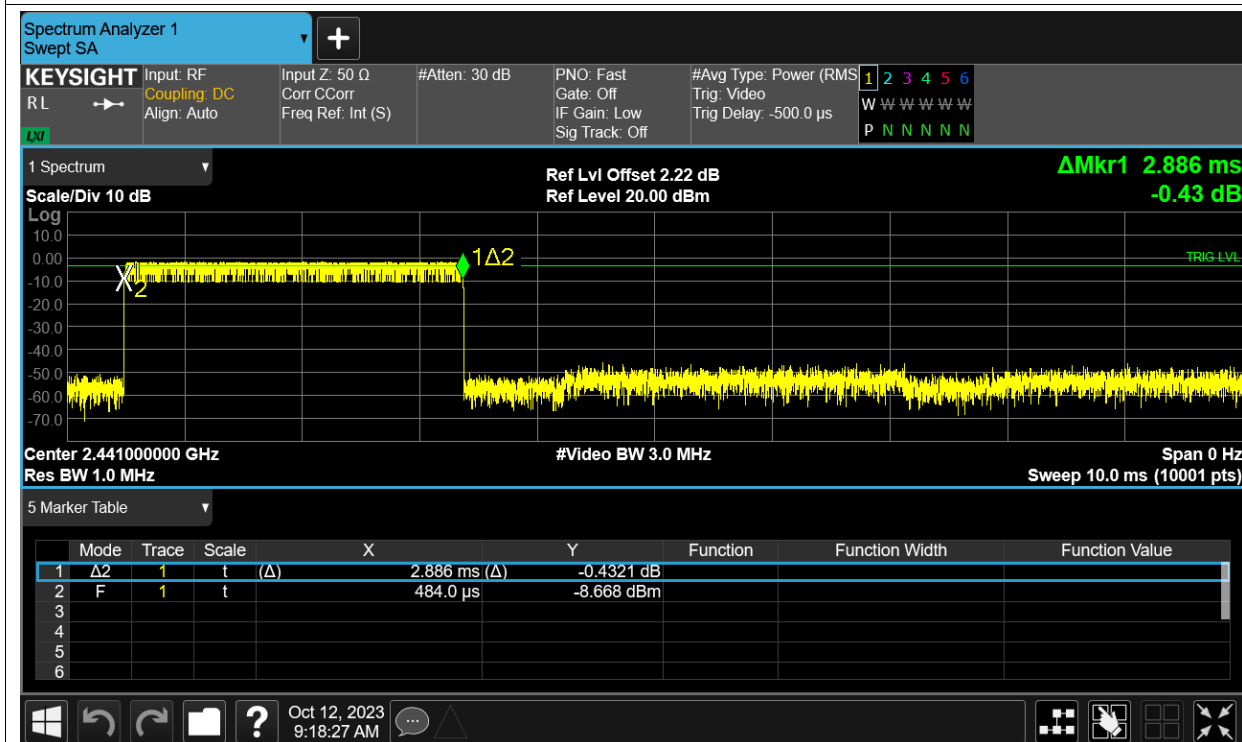
Dwell 1-DH5 2402MHz One Burst



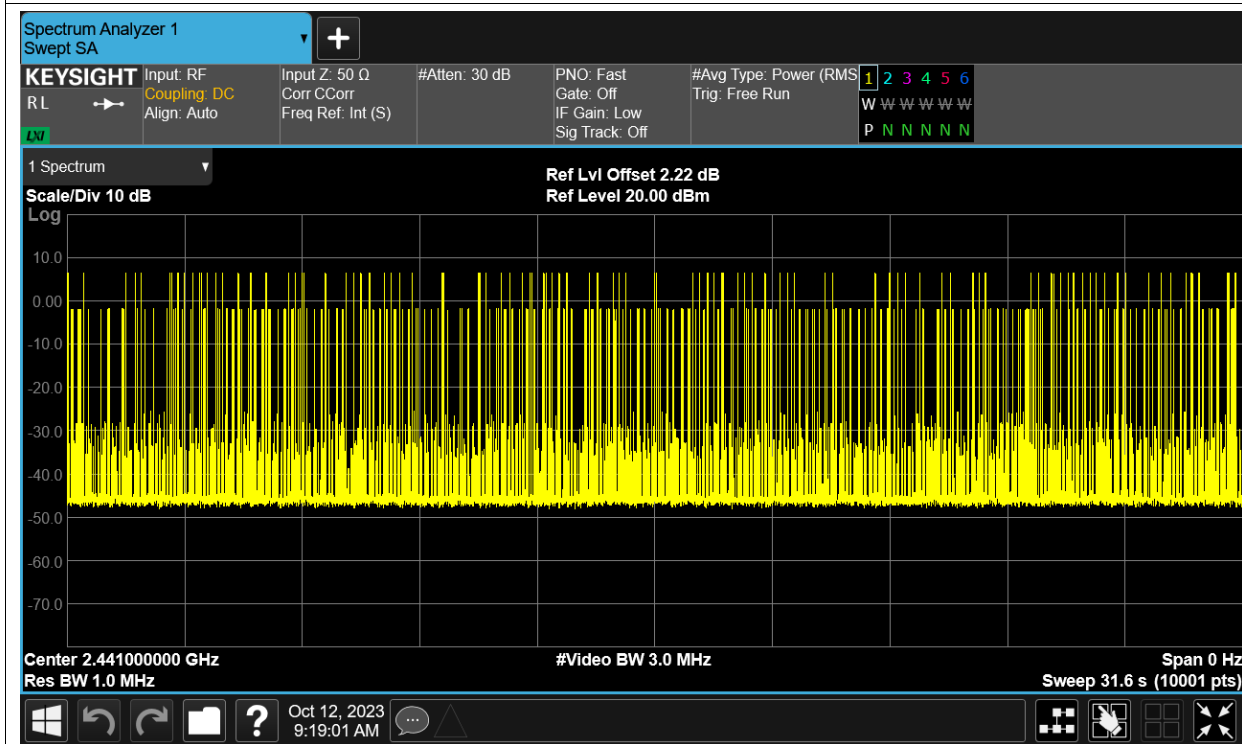
Dwell 1-DH5 2402MHz Accumulated



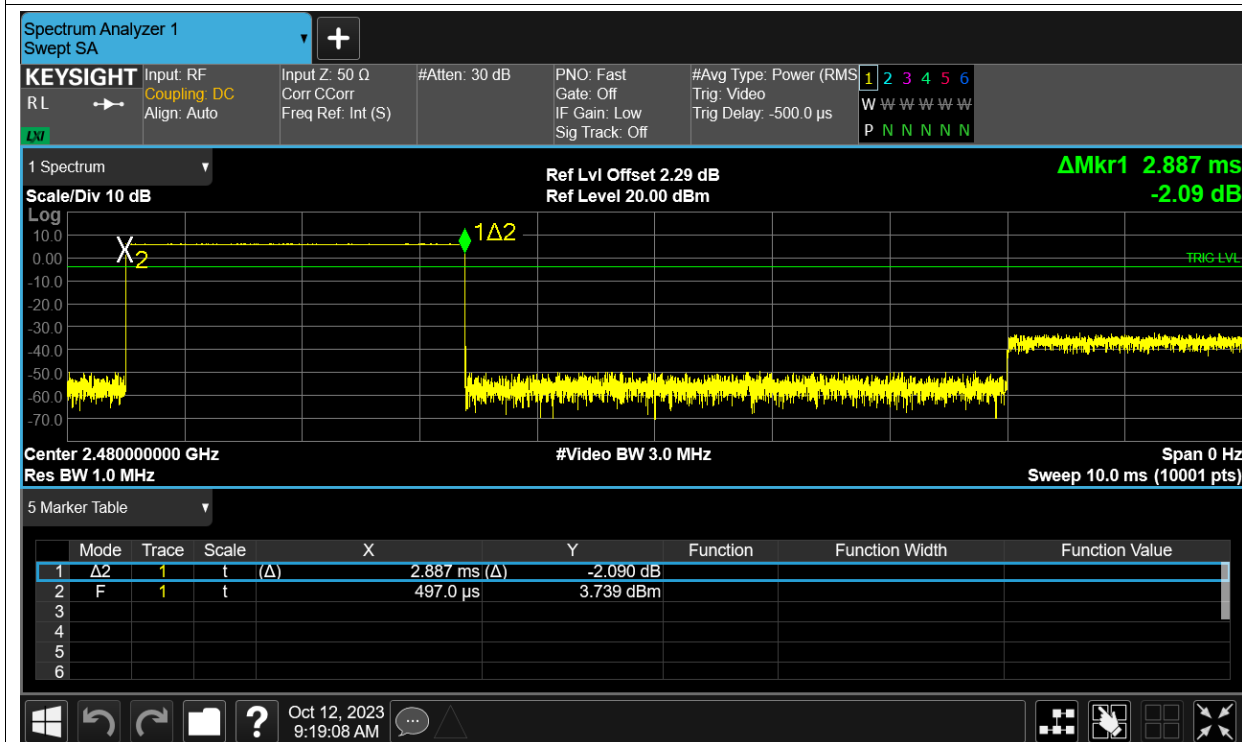
## Dwell 1-DH5 2441MHz One Burst



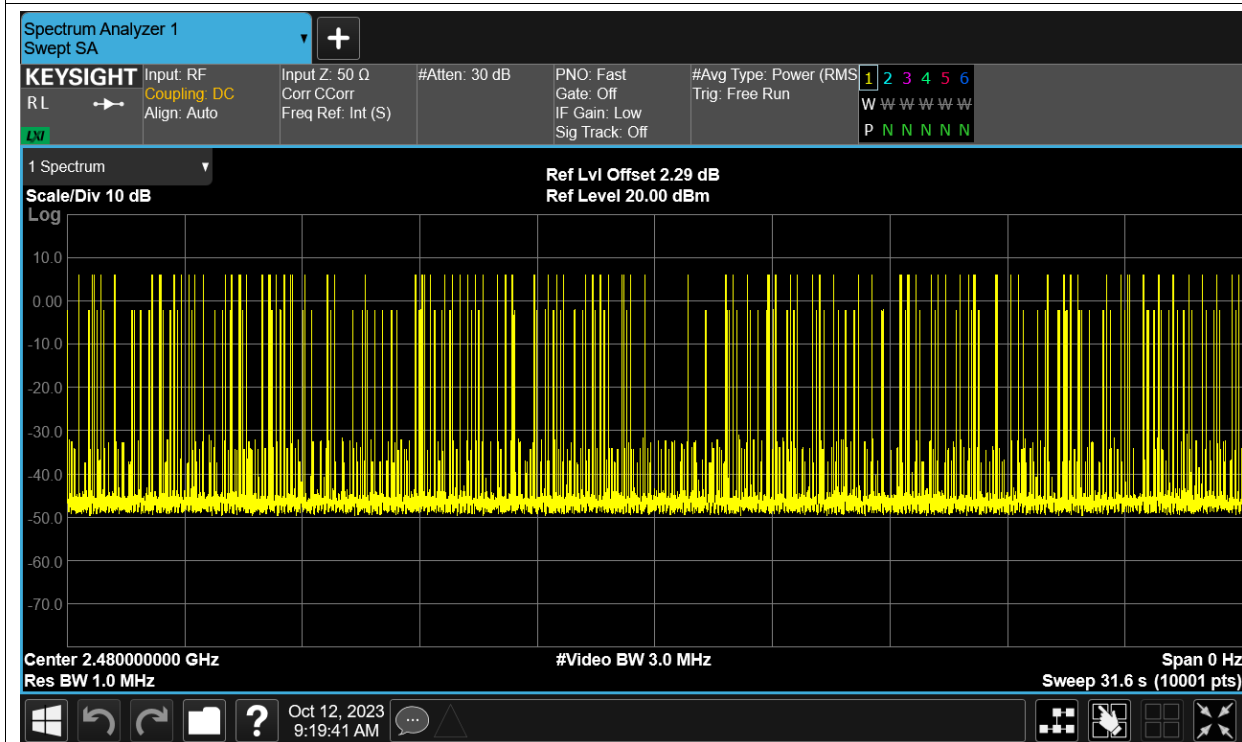
## Dwell 1-DH5 2441MHz Accumulated



Dwell 1-DH5 2480MHz One Burst



Dwell 1-DH5 2480MHz Accumulated

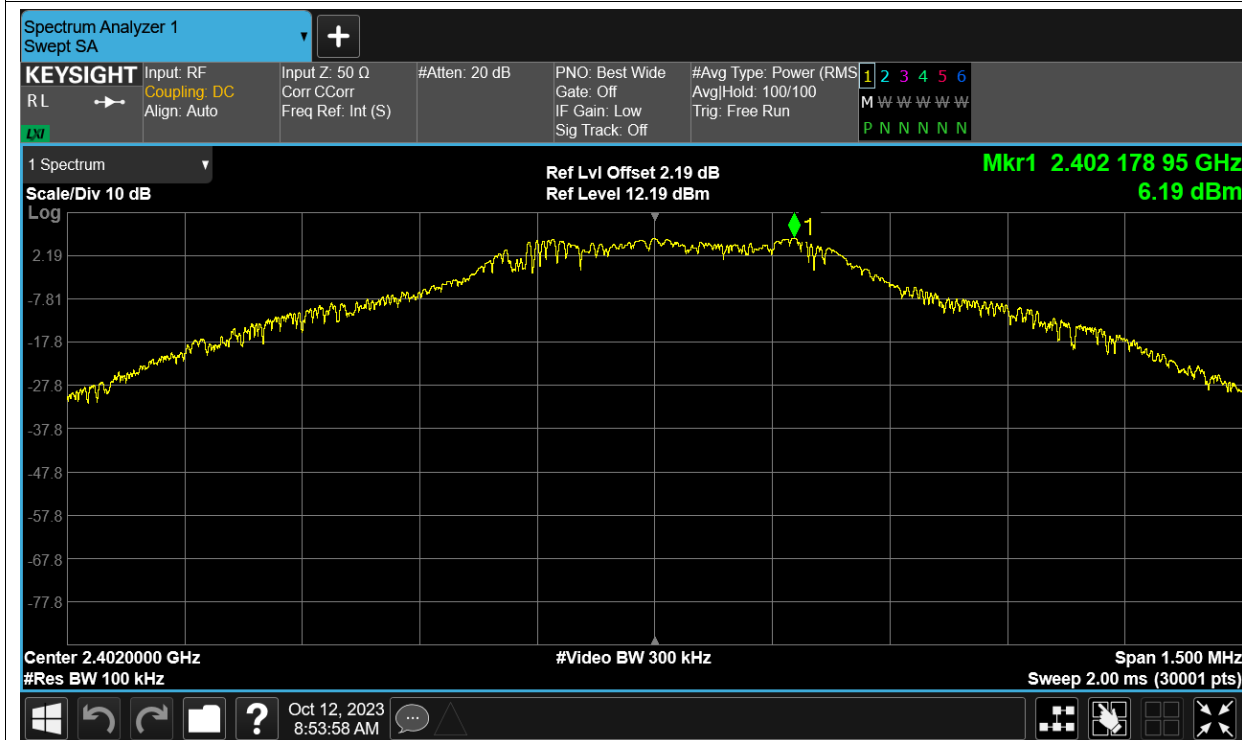


## 6. Appendix F Conducted Spurious Emissions

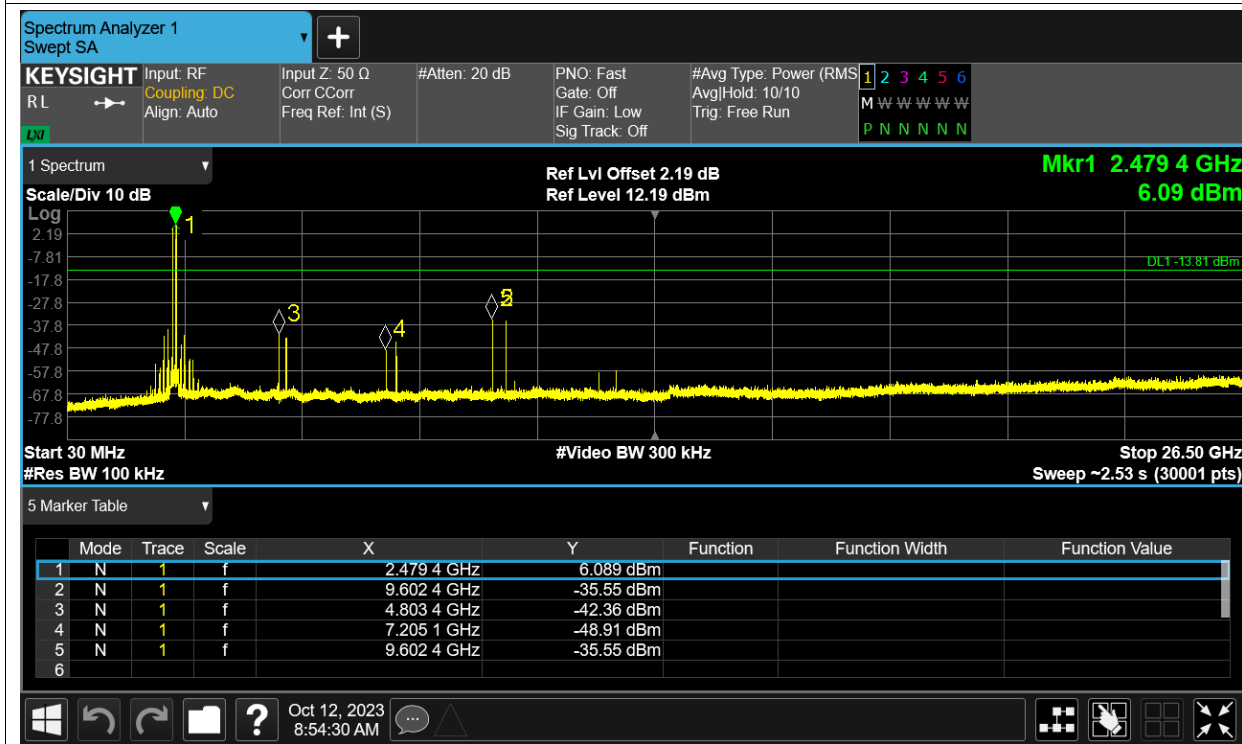
| Mode  | Frequency (MHz) | Max Value (dBc) | Limit (dBc) | Verdict |
|-------|-----------------|-----------------|-------------|---------|
| 1-DH5 | 2402            | -41.74          | -20         | Pass    |
| 1-DH5 | 2441            | -42.33          | -20         | Pass    |
| 1-DH5 | 2480            | -41.93          | -20         | Pass    |
| 2-DH5 | 2402            | -41.2           | -20         | Pass    |
| 2-DH5 | 2441            | -42.57          | -20         | Pass    |
| 2-DH5 | 2480            | -41.38          | -20         | Pass    |
| 3-DH5 | 2402            | -41.73          | -20         | Pass    |
| 3-DH5 | 2441            | -42.1           | -20         | Pass    |
| 3-DH5 | 2480            | -41.79          | -20         | Pass    |

## Test Graphs

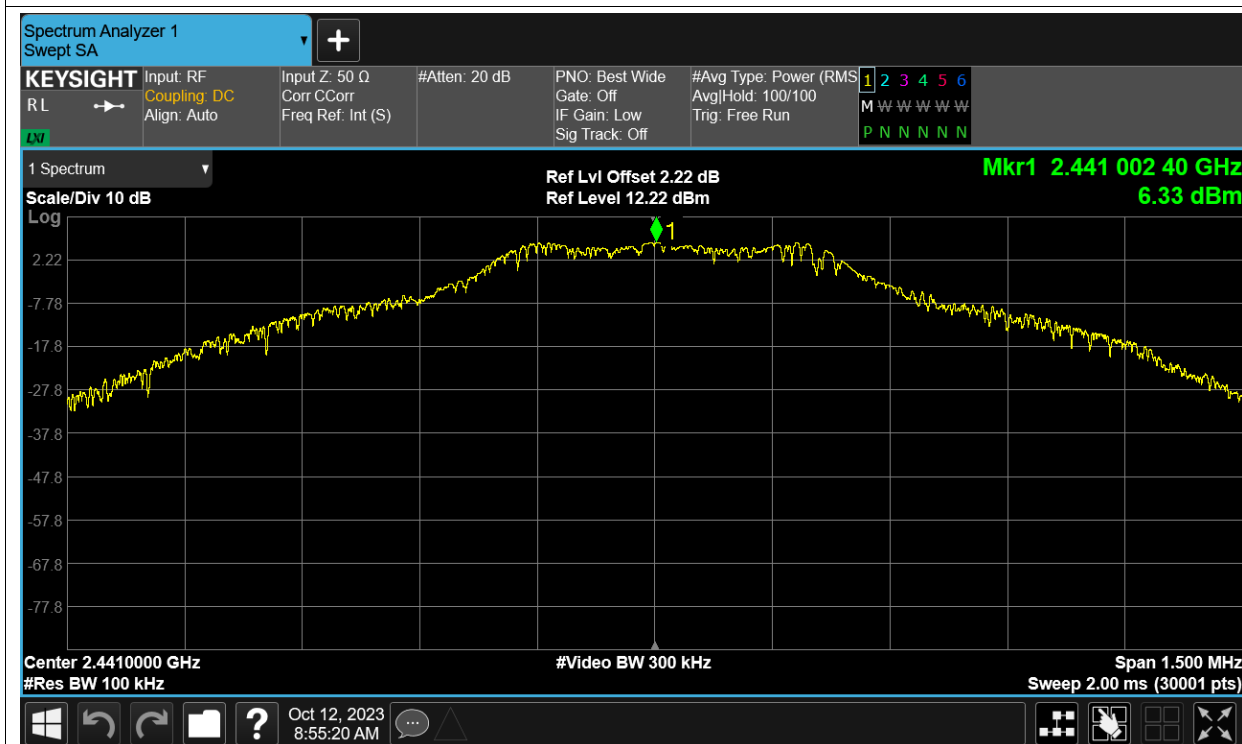
Tx. Spurious 1-DH5 2402MHz Ref



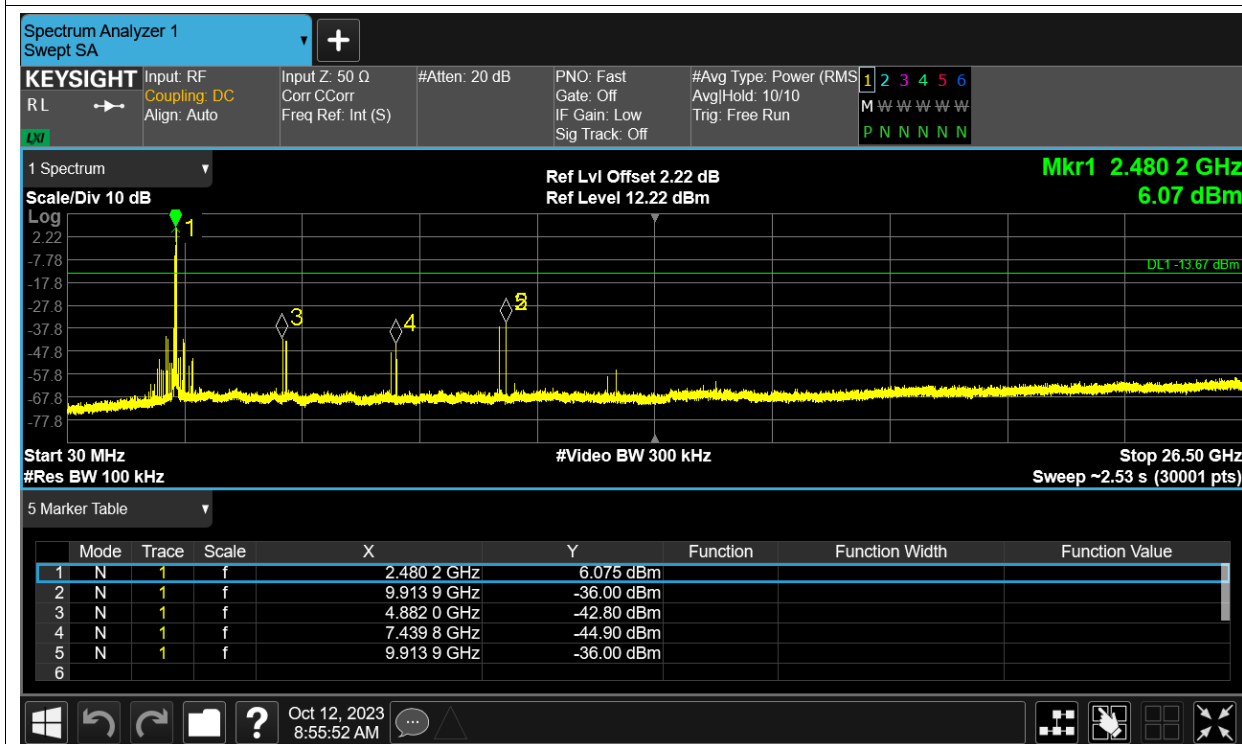
Tx. Spurious 1-DH5 2402MHz Emission



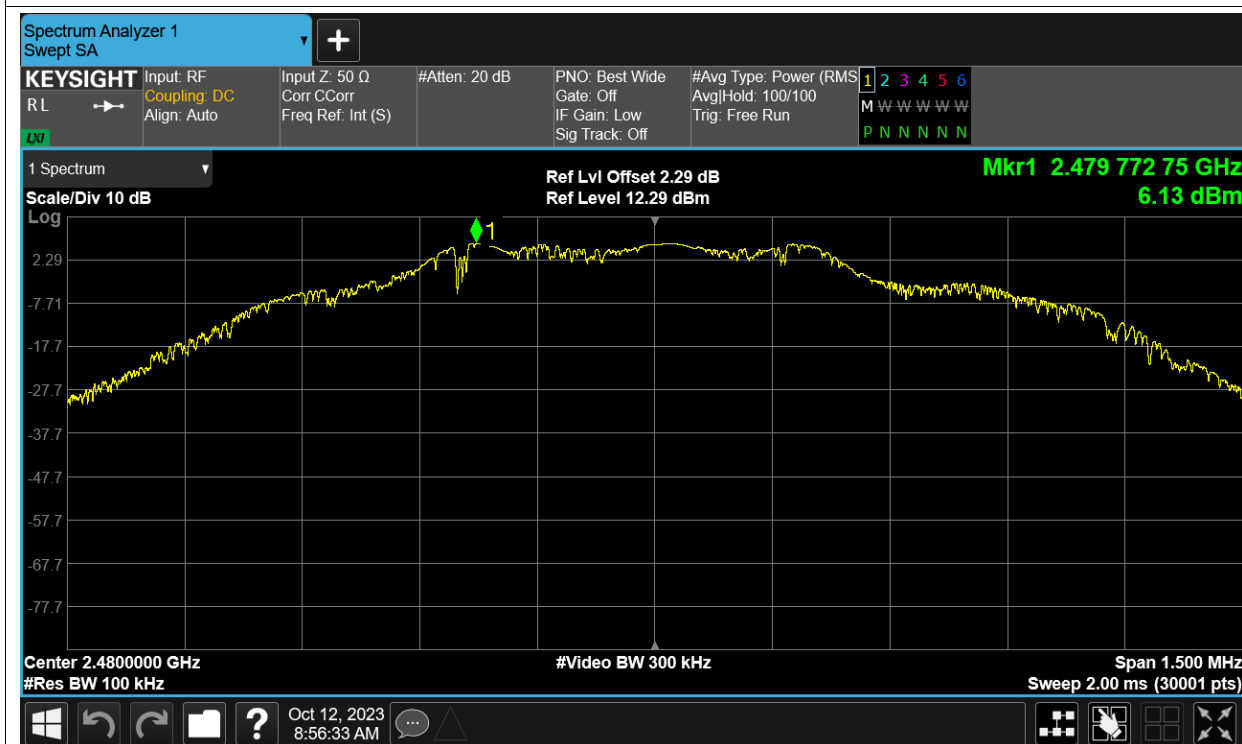
## Tx. Spurious 1-DH5 2441MHz Ref



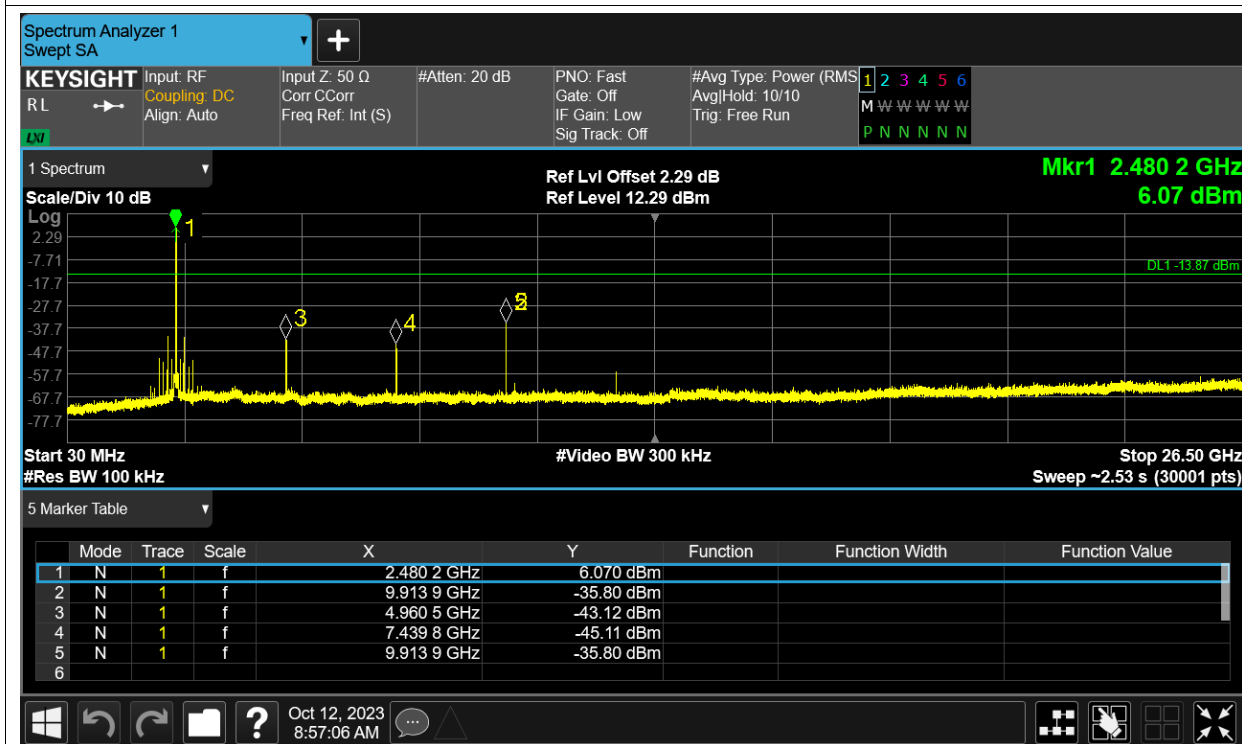
## Tx. Spurious 1-DH5 2441MHz Emission



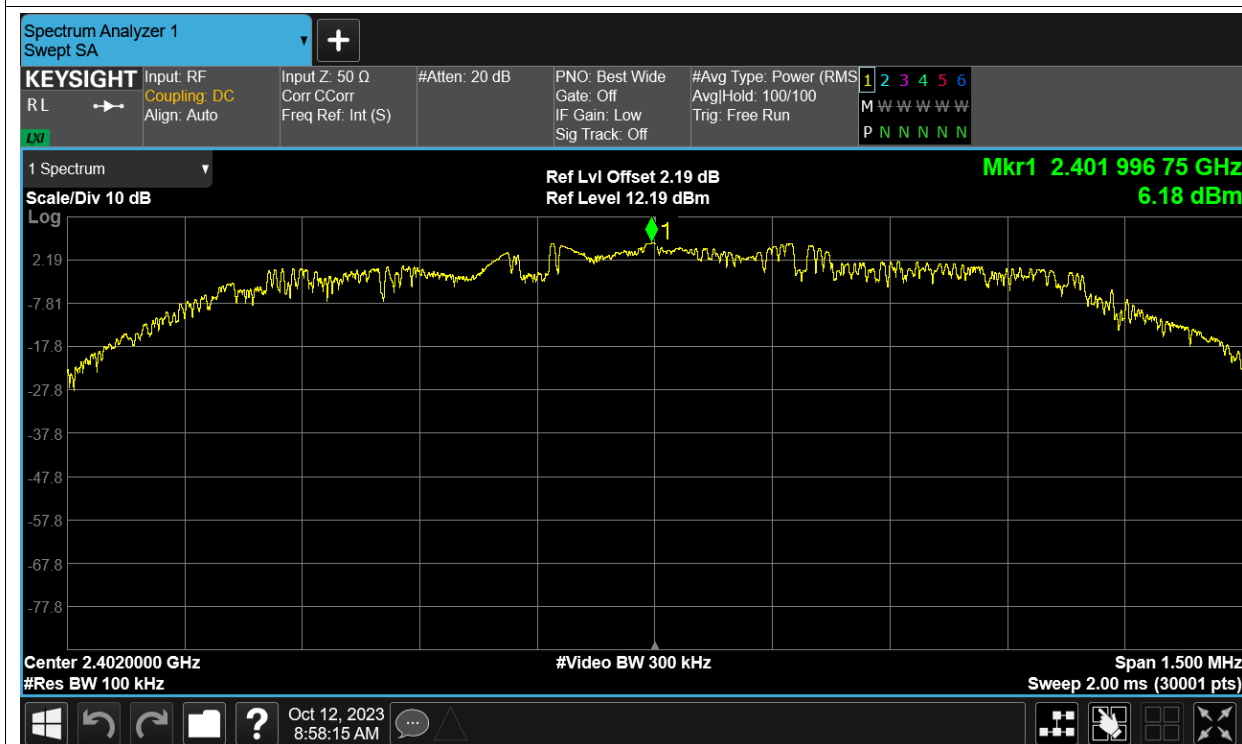
## Tx. Spurious 1-DH5 2480MHz Ref



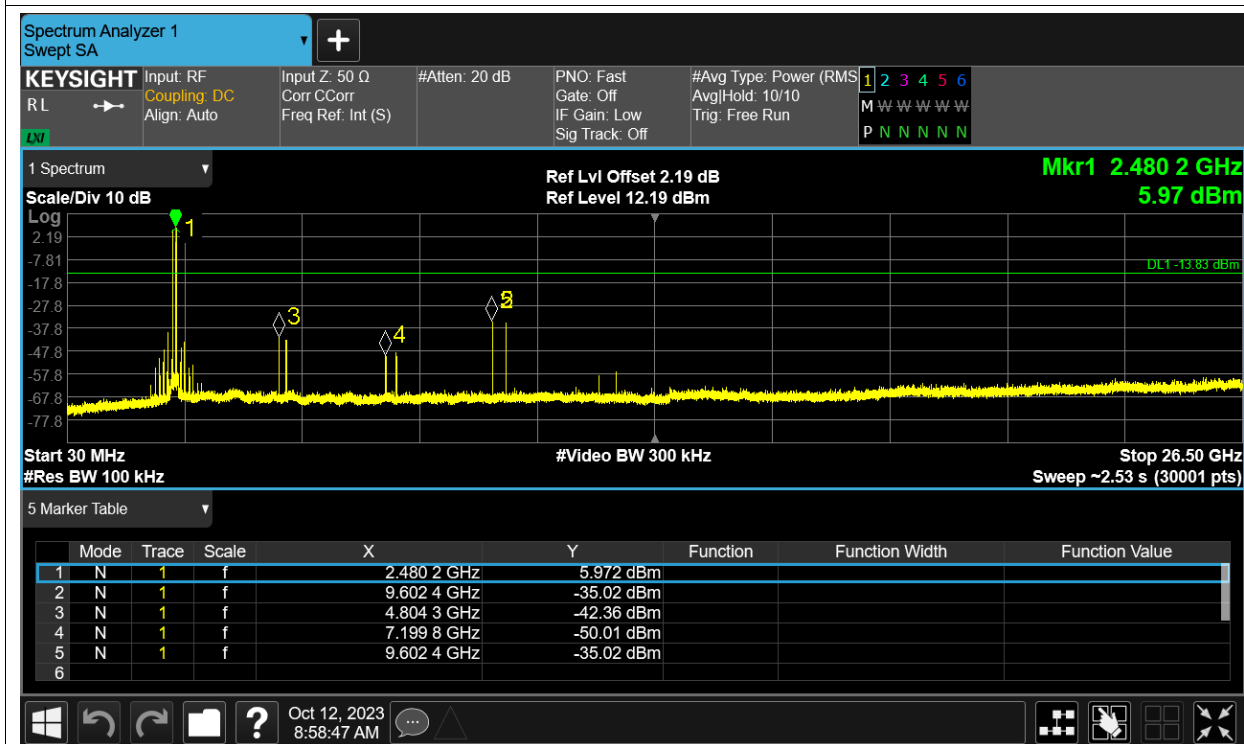
## Tx. Spurious 1-DH5 2480MHz Emission



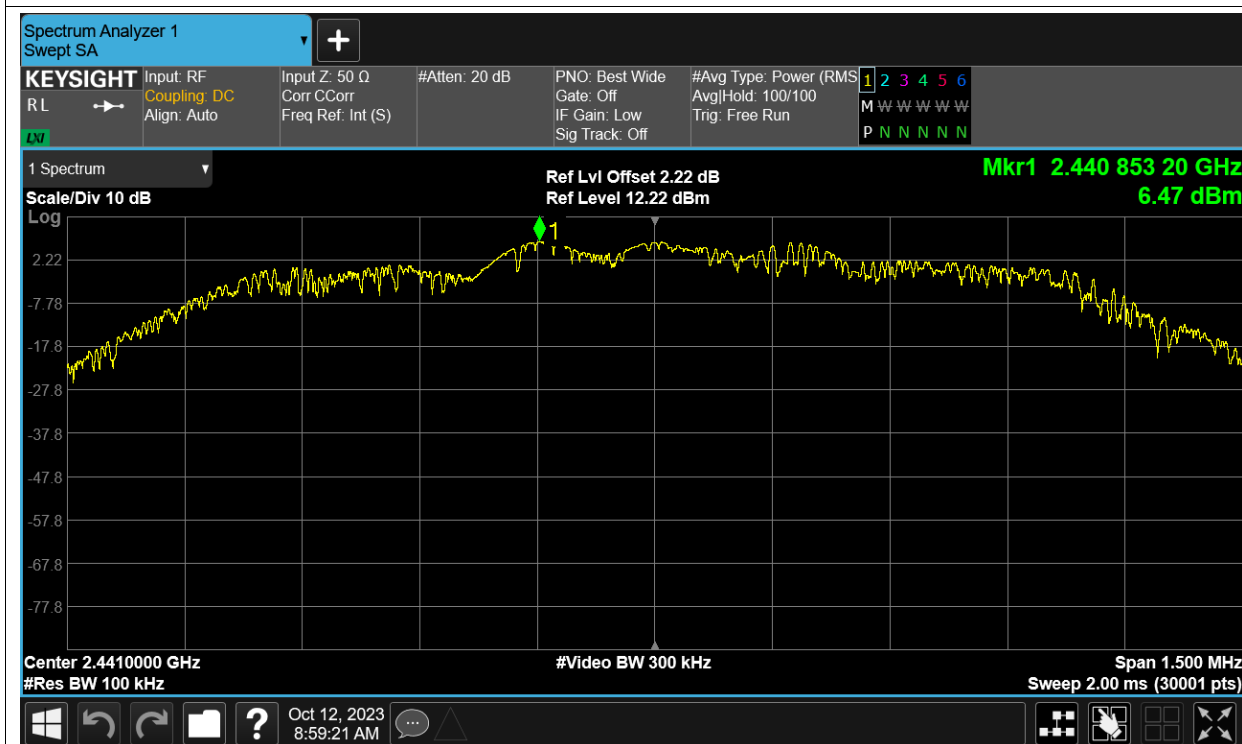
## Tx. Spurious 2-DH5 2402MHz Ref



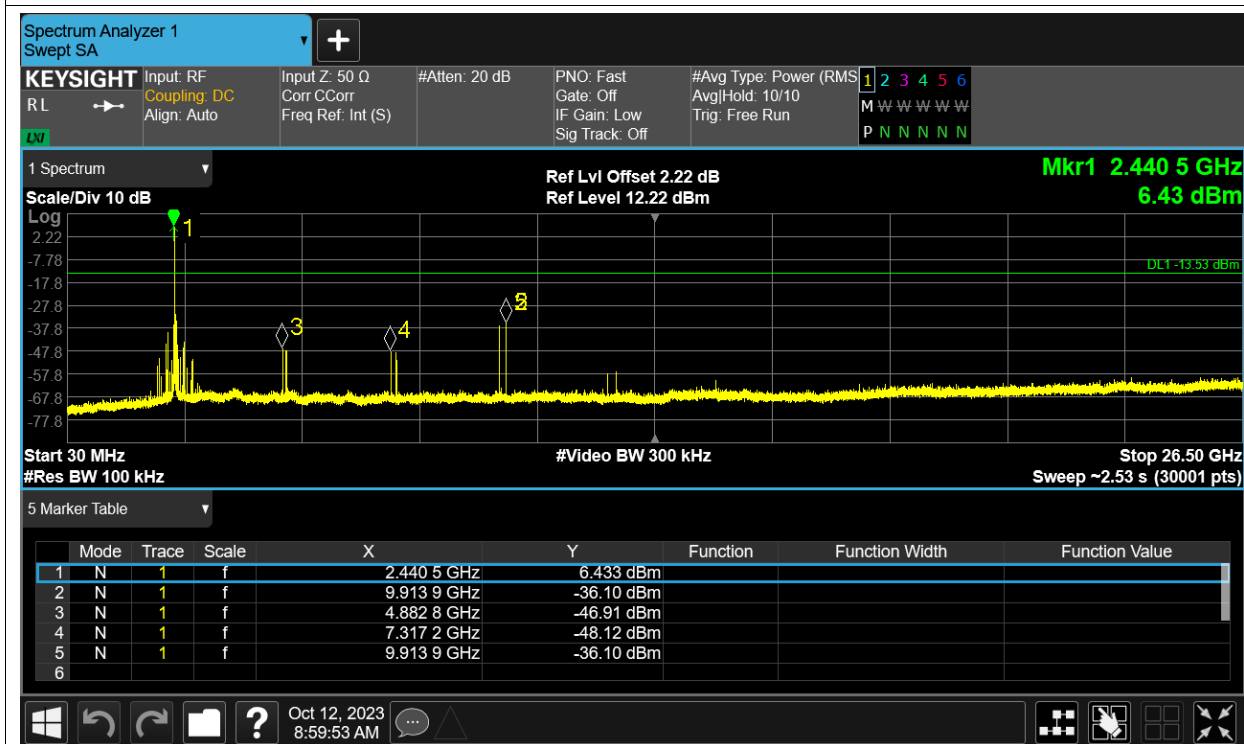
## Tx. Spurious 2-DH5 2402MHz Emission



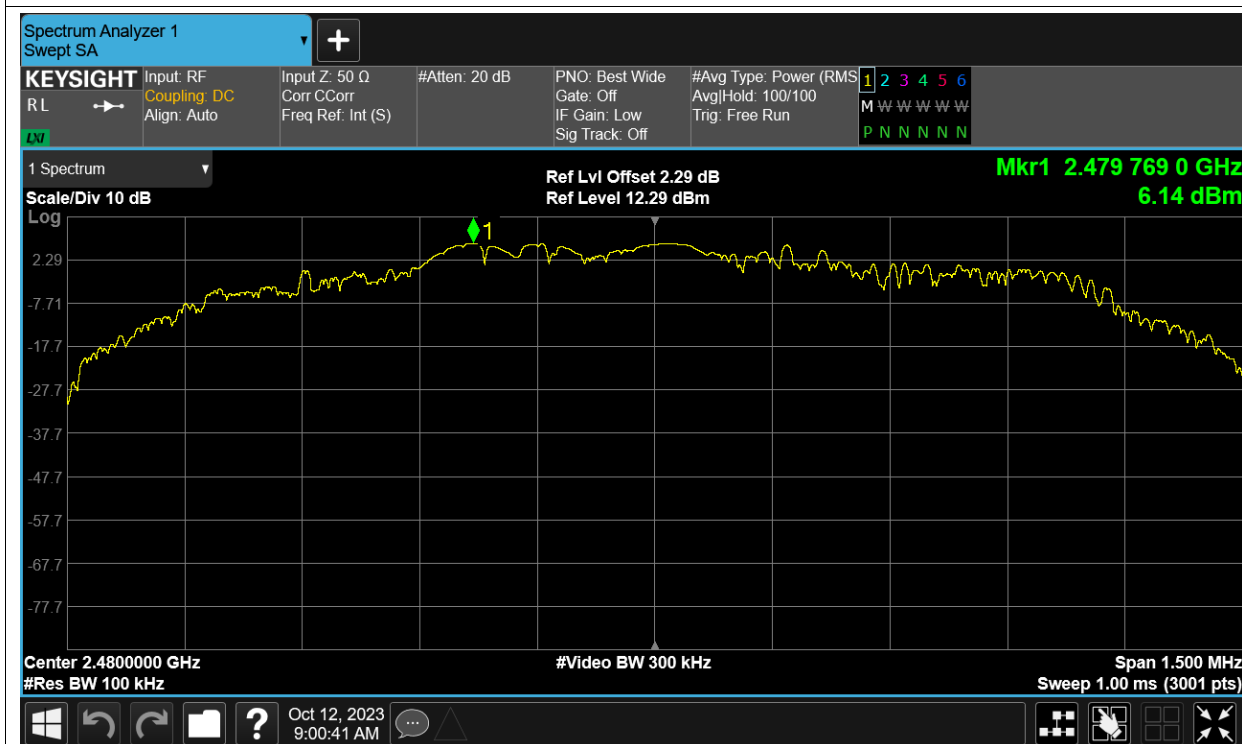
## Tx. Spurious 2-DH5 2441MHz Ref



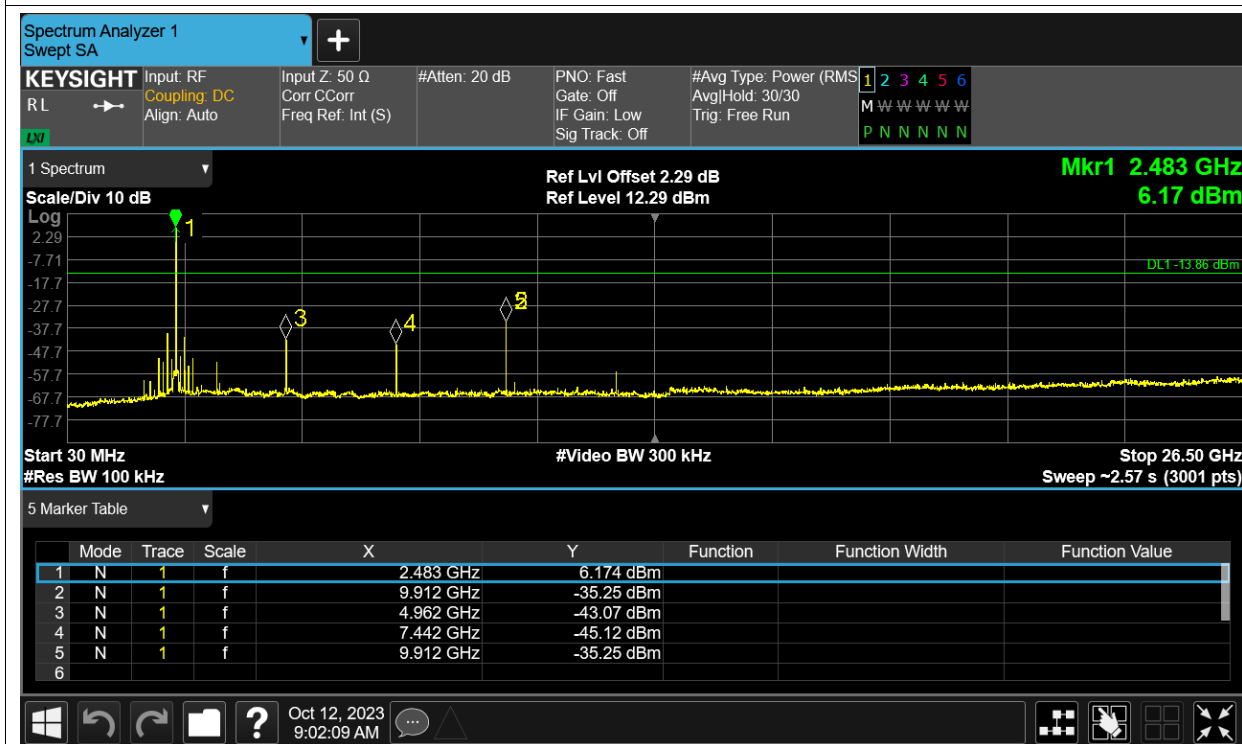
## Tx. Spurious 2-DH5 2441MHz Emission



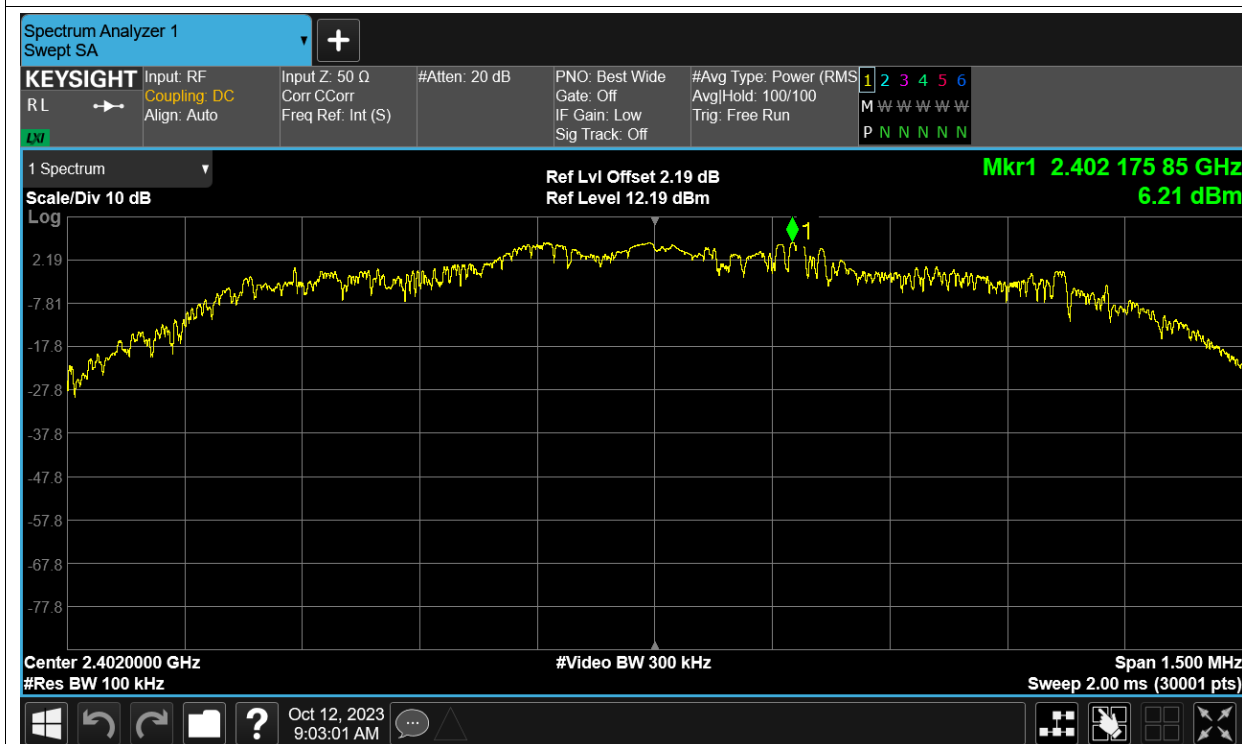
## Tx. Spurious 2-DH5 2480MHz Ref



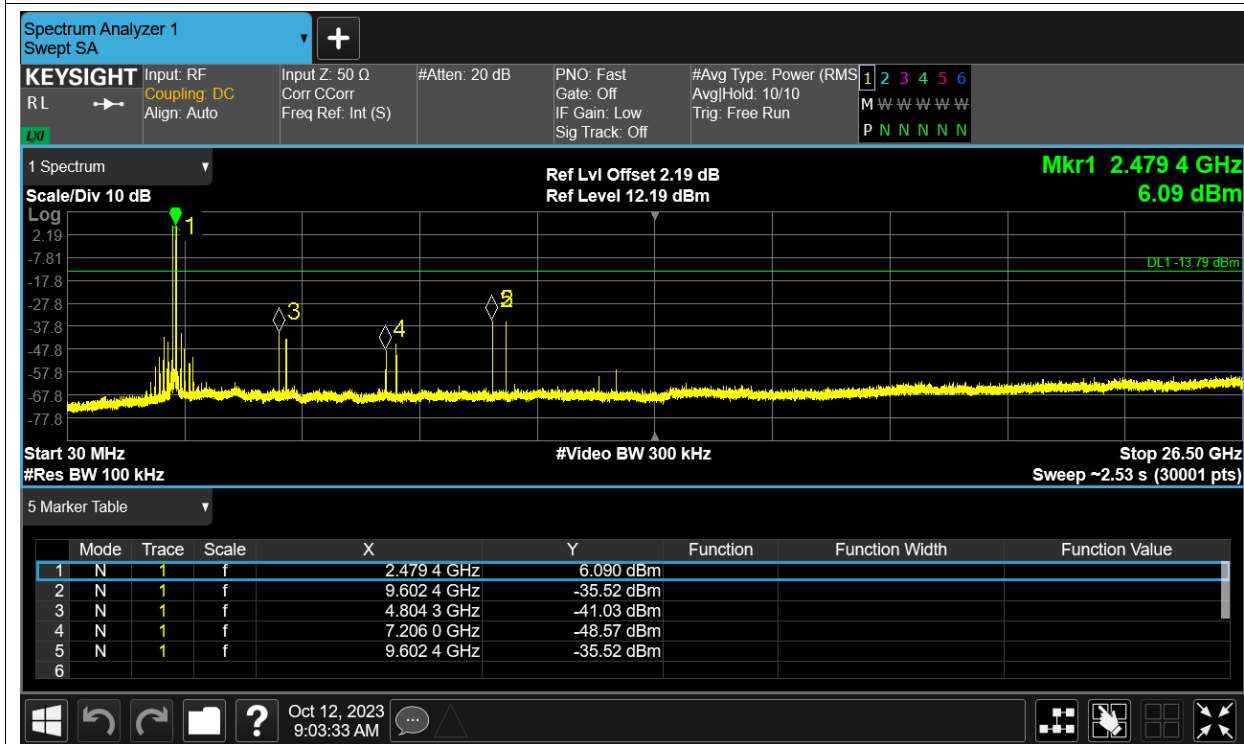
## Tx. Spurious 2-DH5 2480MHz Emission



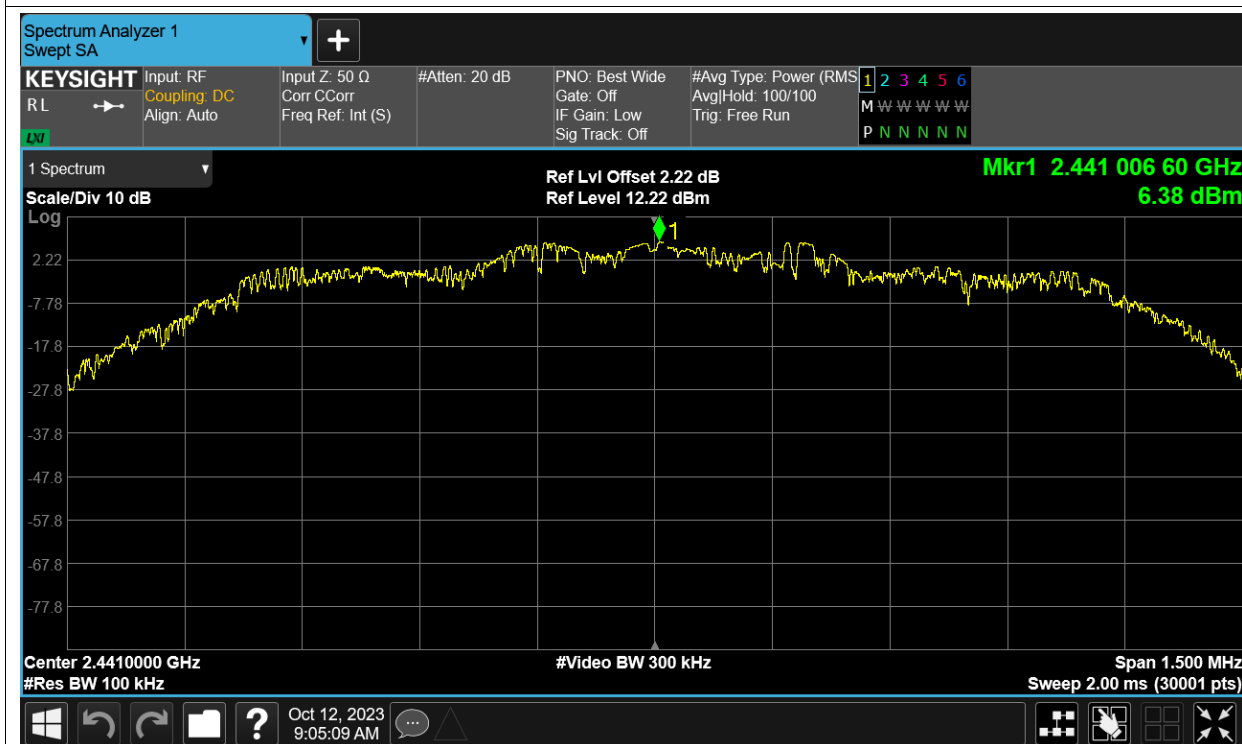
## Tx. Spurious 3-DH5 2402MHz Ref



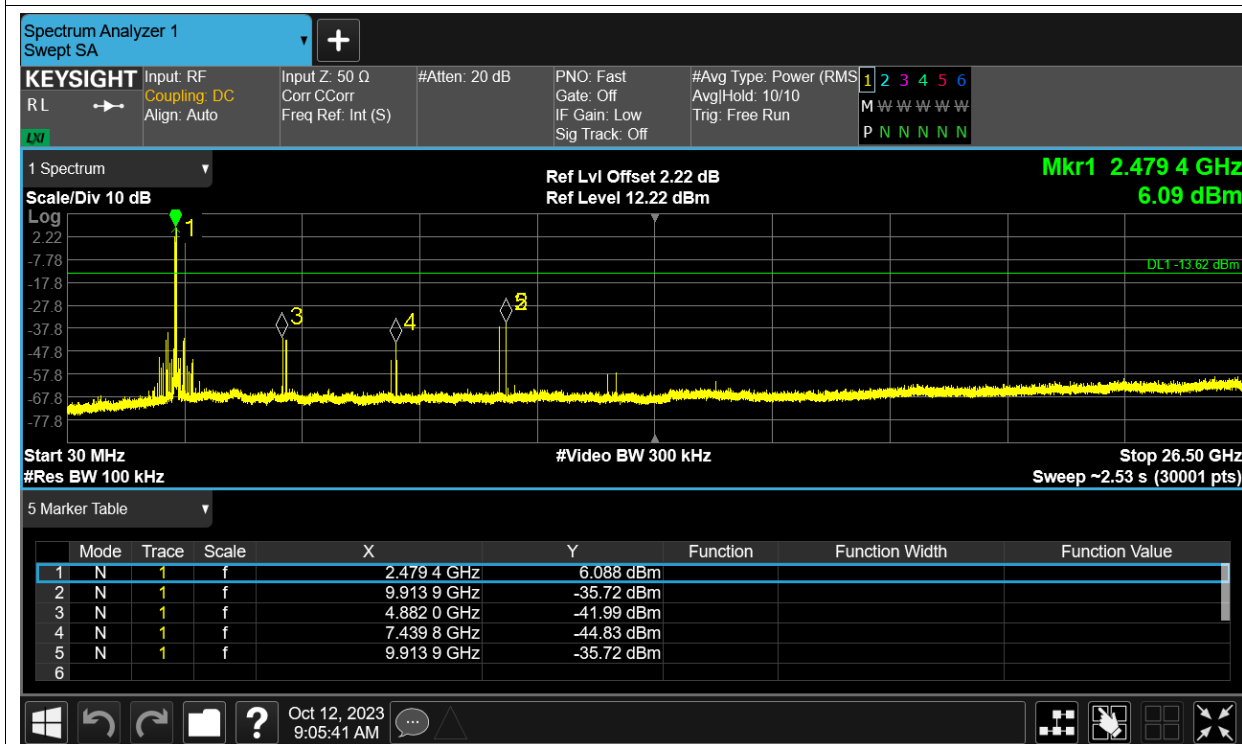
## Tx. Spurious 3-DH5 2402MHz Emission



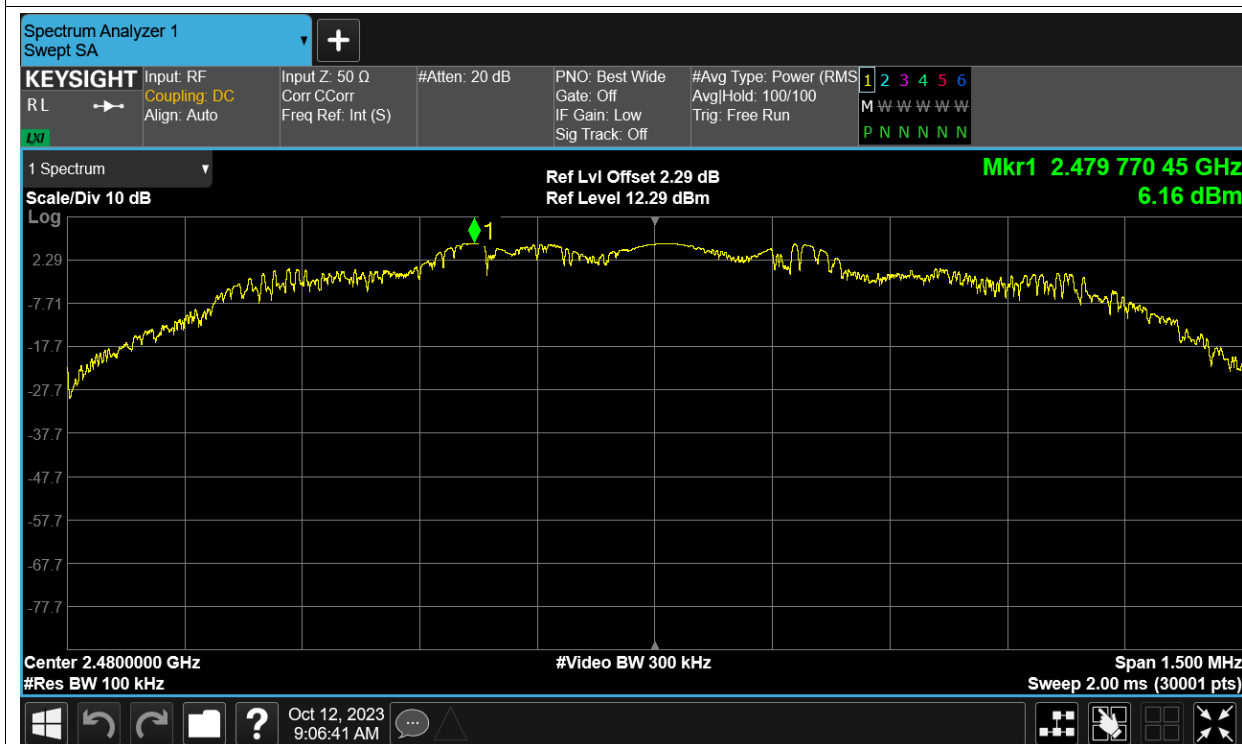
## Tx. Spurious 3-DH5 2441MHz Ref



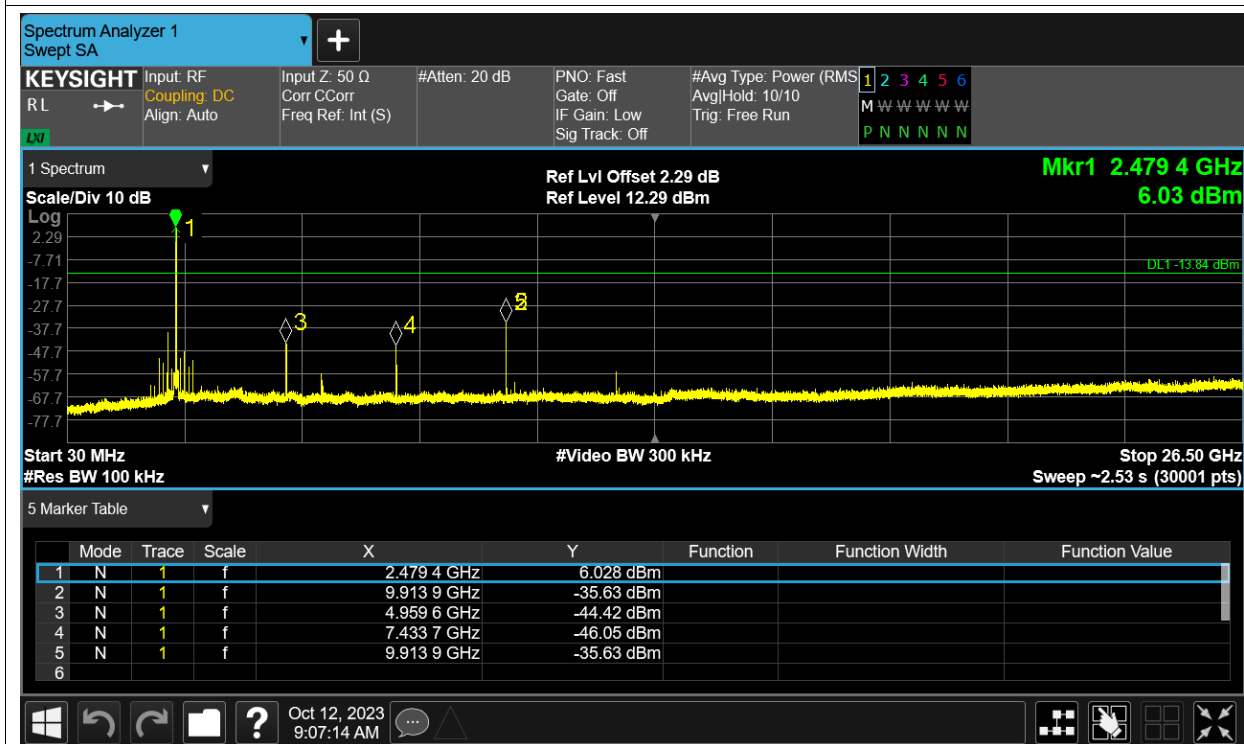
## Tx. Spurious 3-DH5 2441MHz Emission



## Tx. Spurious 3-DH5 2480MHz Ref

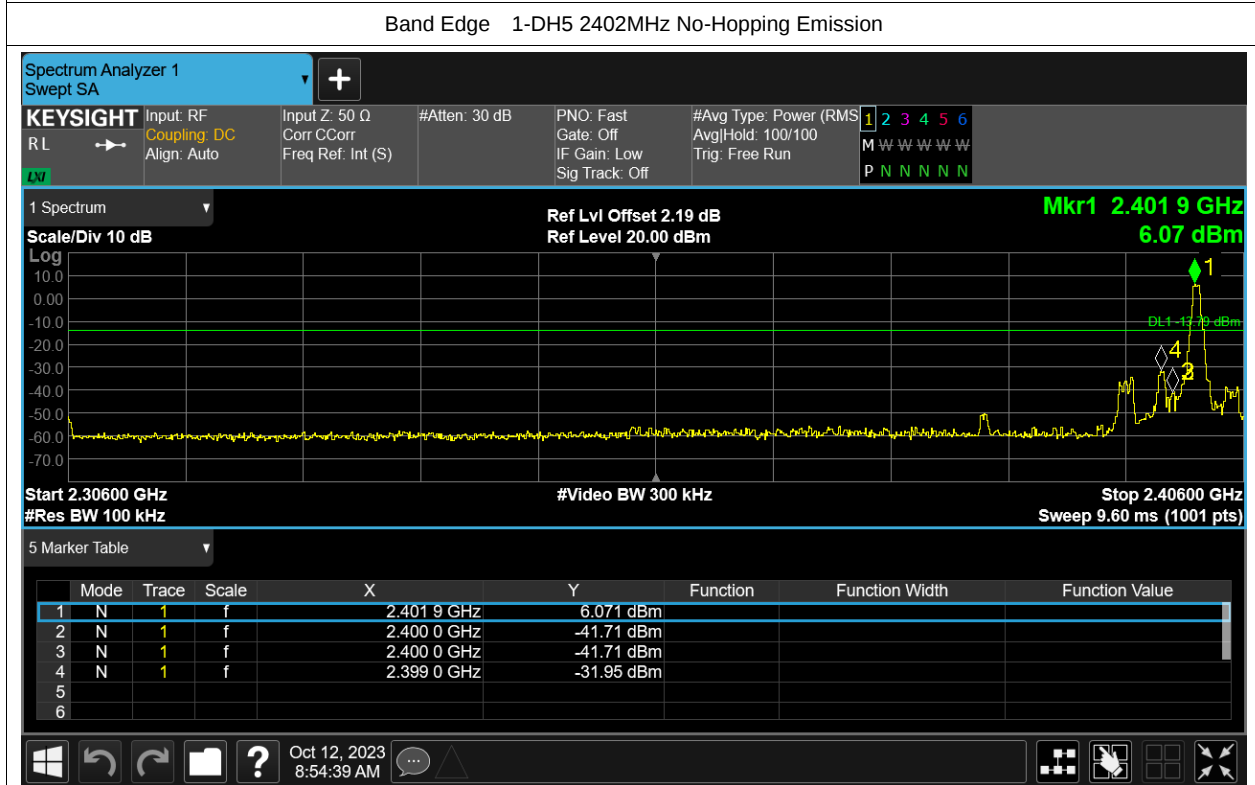


## Tx. Spurious 3-DH5 2480MHz Emission

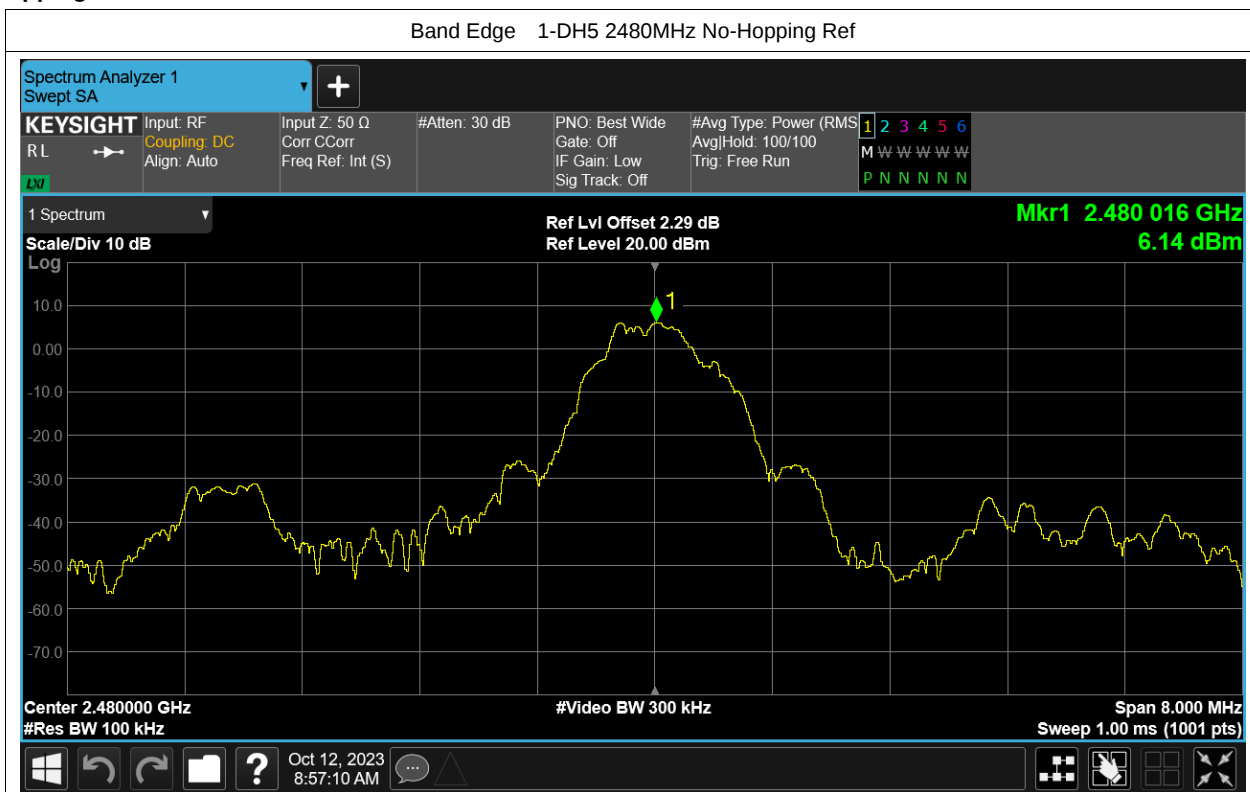


## 7. Appendix G Band Edge

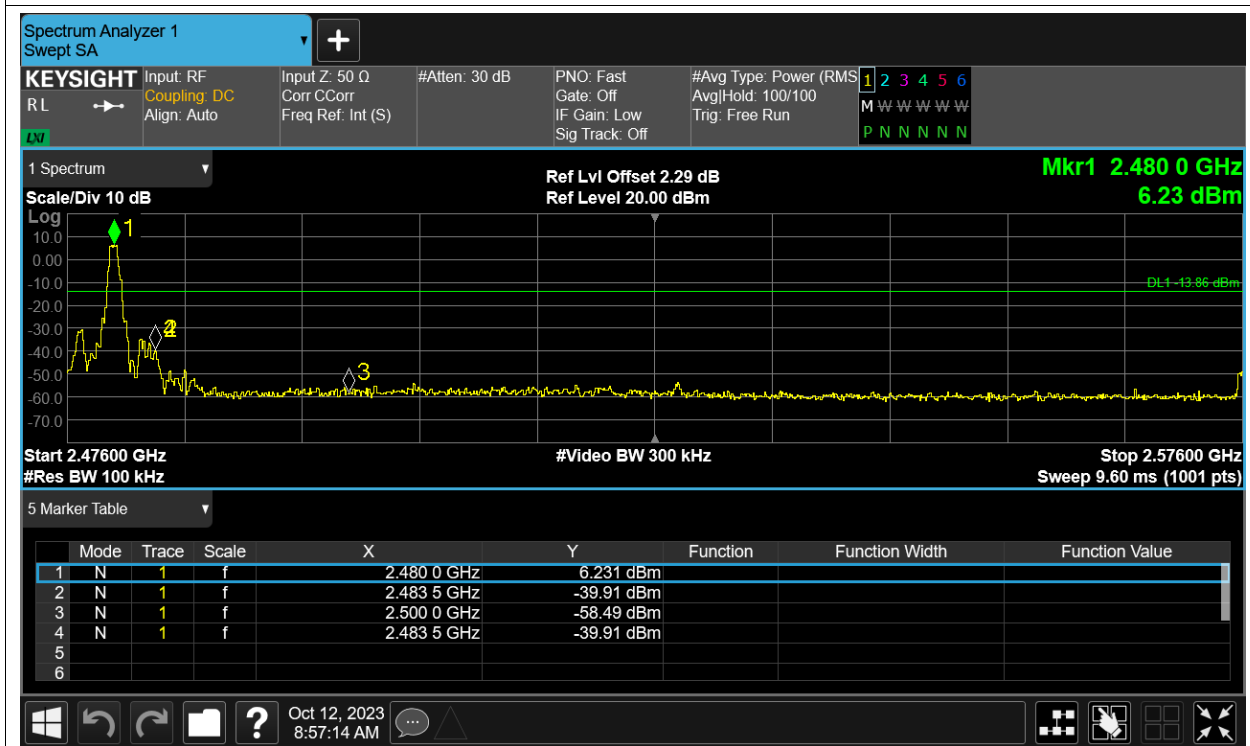
### No-Hopping:



## Hopping:

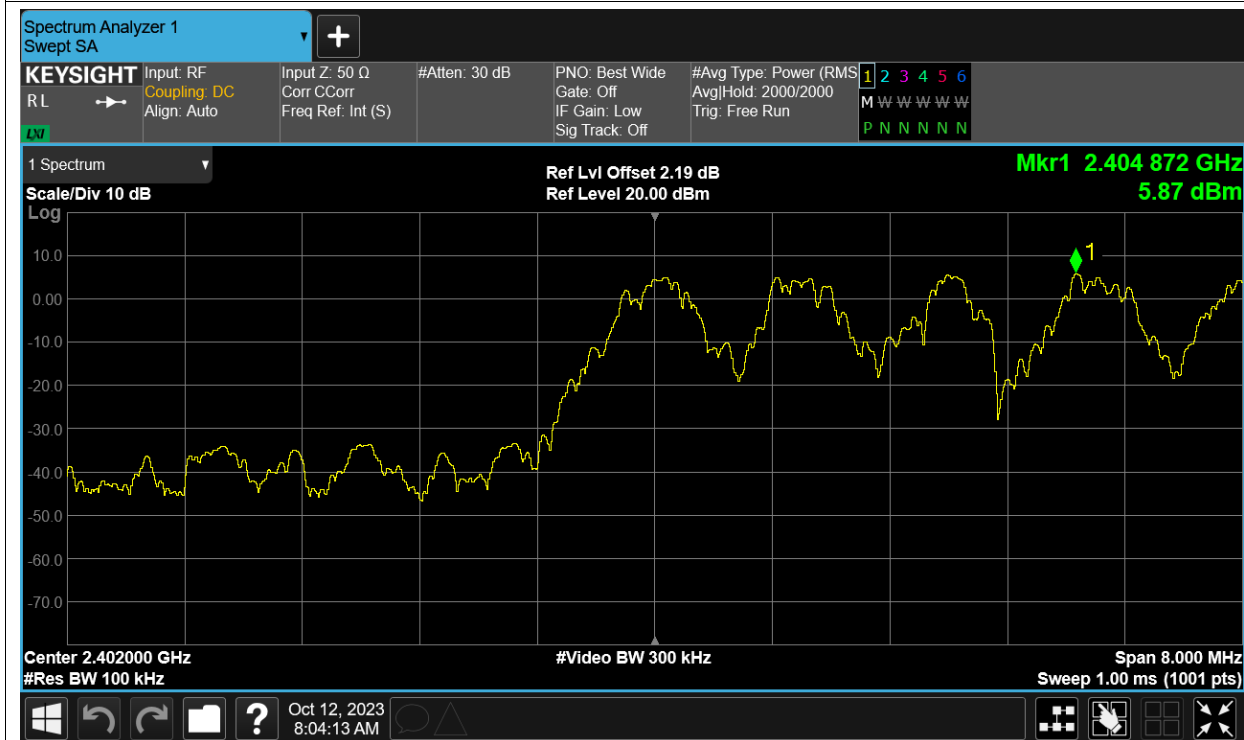


## Band Edge 1-DH5 2480MHz No-Hopping Emission

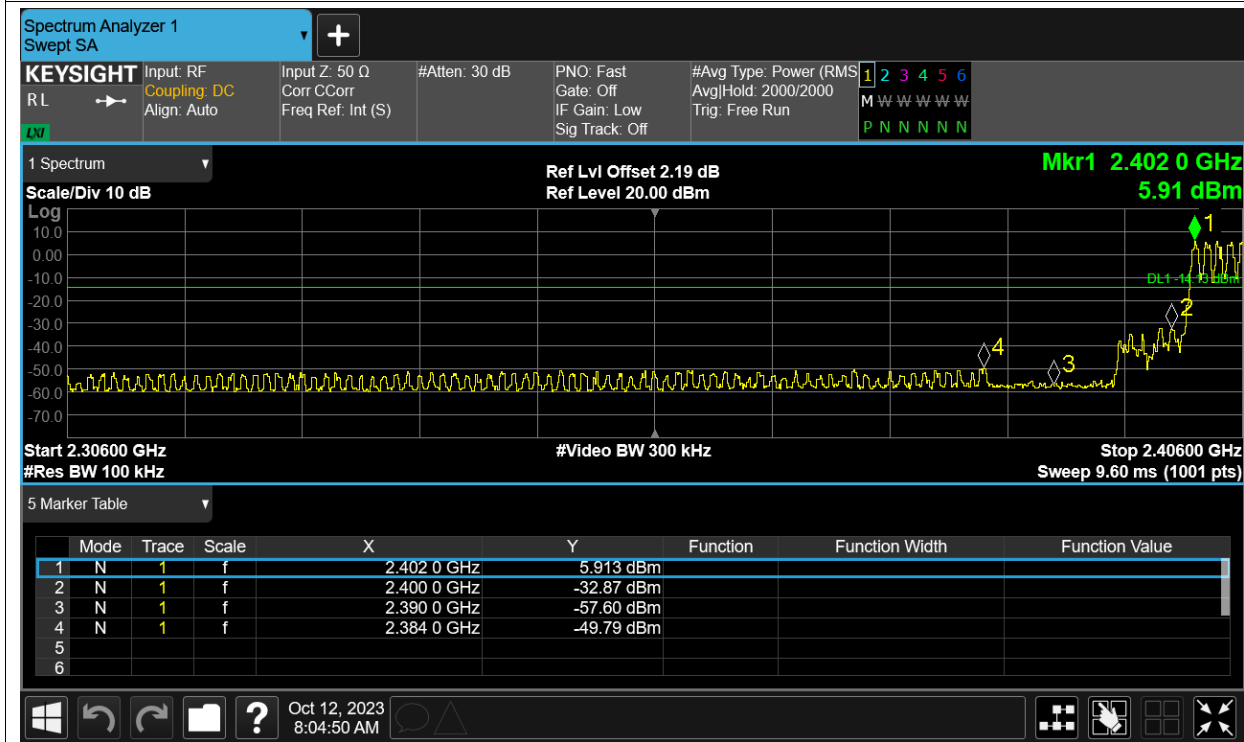


## Test Graphs

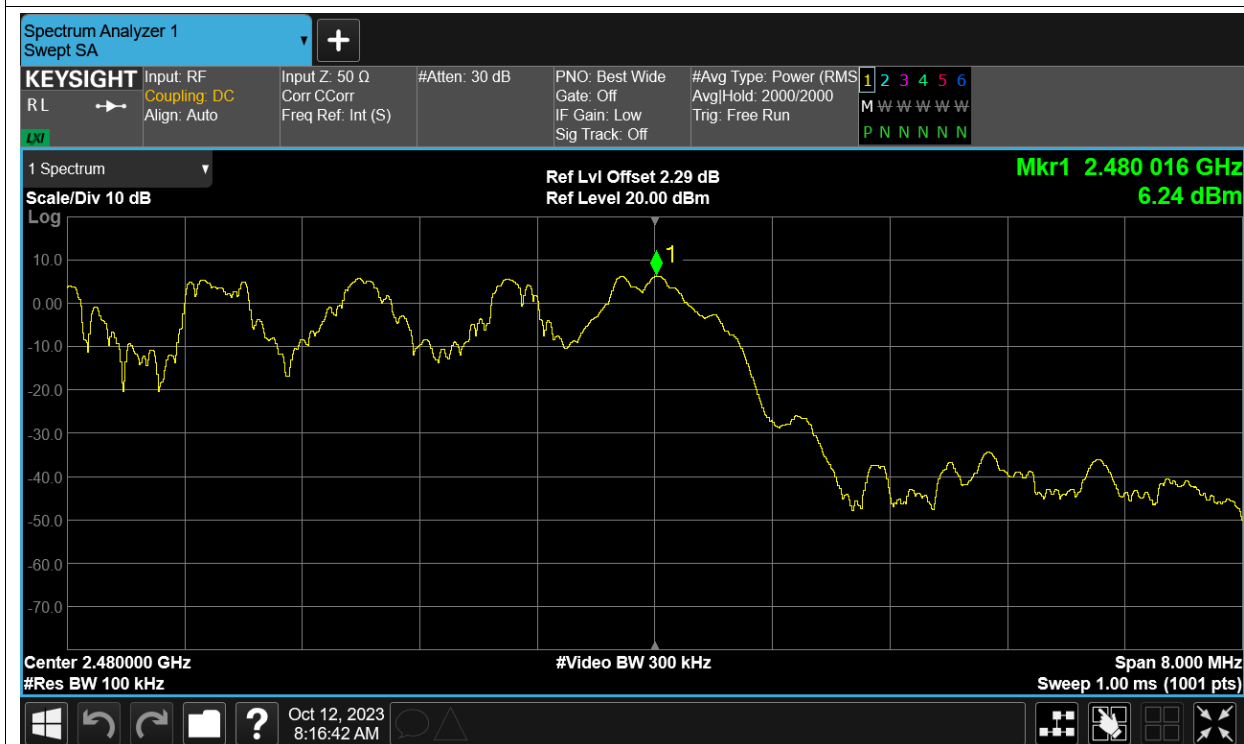
## Band Edge(Hopping) 1-DH5 2402MHz Hopping Ref



## Band Edge(Hopping) 1-DH5 2402MHz Hopping Emission



## Band Edge(Hopping) 1-DH5 2480MHz Hopping Ref



## Band Edge(Hopping) 1-DH5 2480MHz Hopping Emission

