

# Test Data Appendix For BT

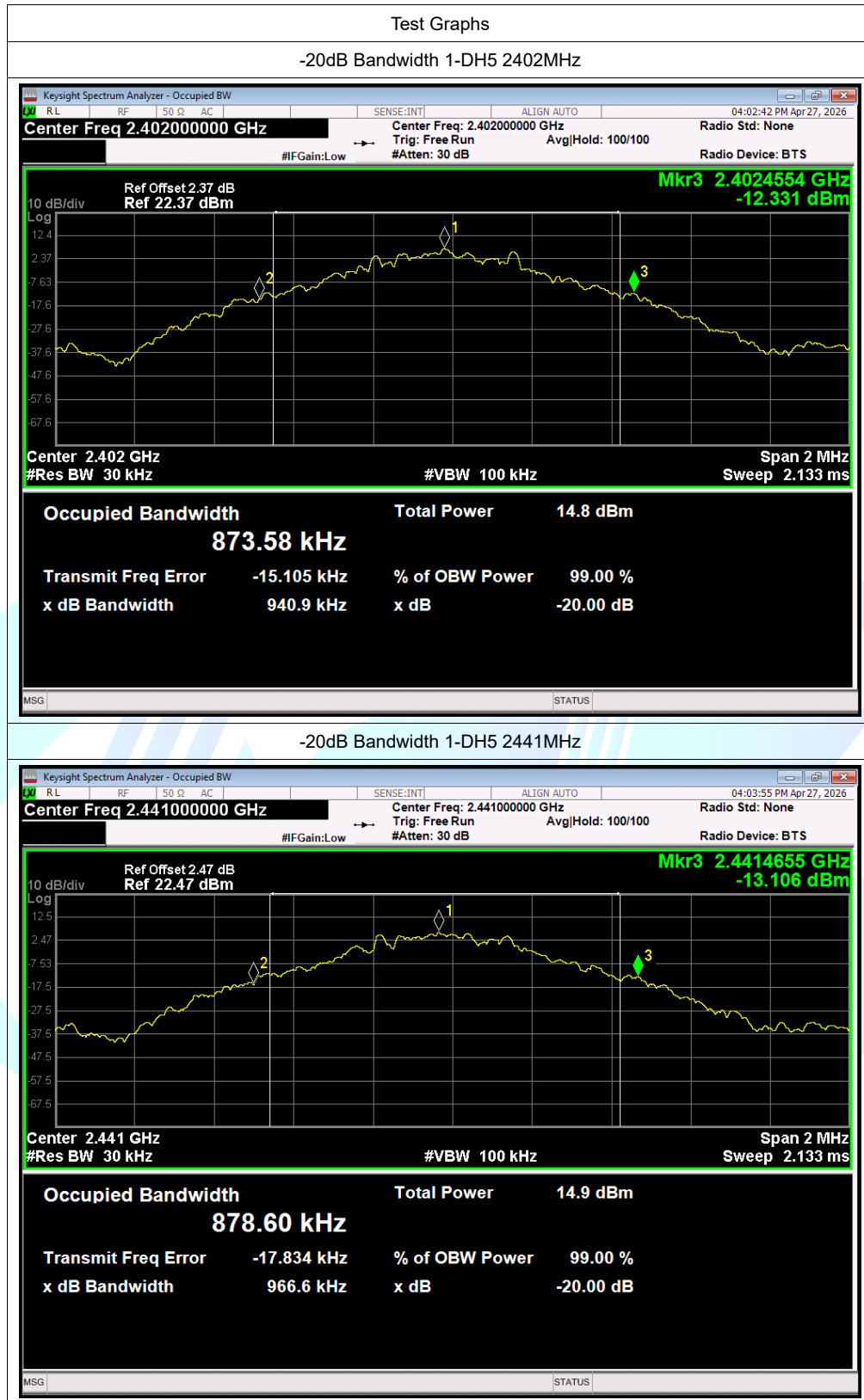
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## -20dB Bandwidth

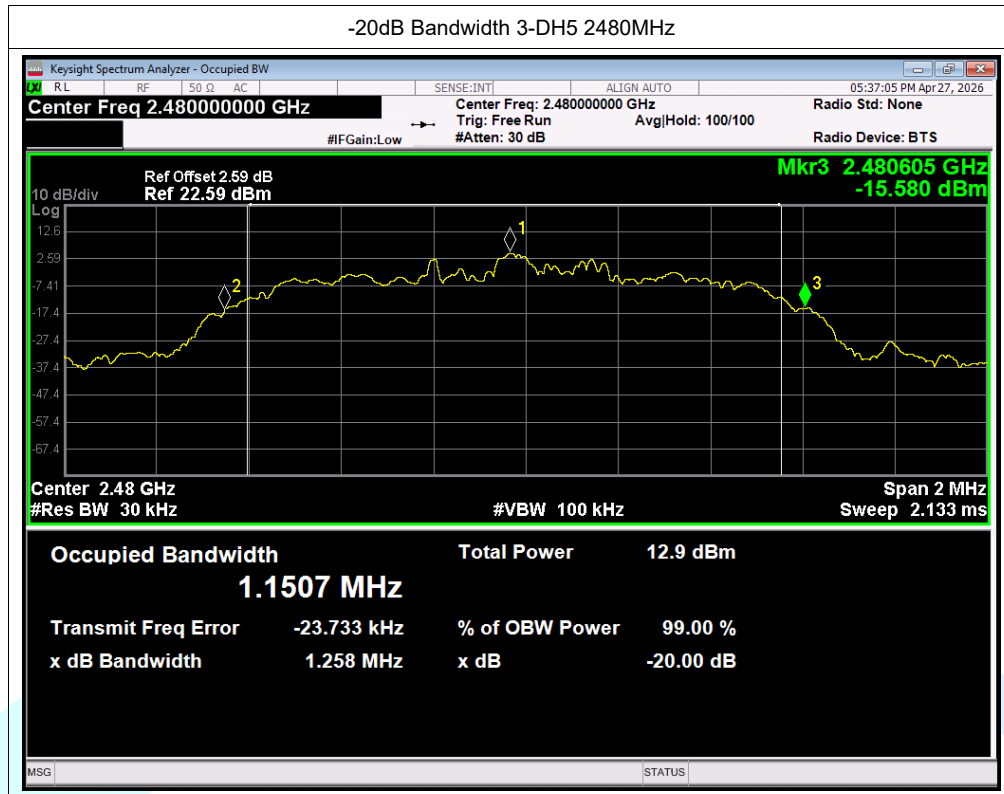
| Mode  | Frequency (MHz) | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-------|-----------------|------------------------|------------------------------|---------|
| 1-DH5 | 2402            | 0.9409                 | N/A                          | Pass    |
|       | 2441            | 0.9666                 | N/A                          | Pass    |
|       | 2480            | 0.946                  | N/A                          | Pass    |
| 2-DH5 | 2402            | 1.27                   | N/A                          | Pass    |
|       | 2441            | 1.275                  | N/A                          | Pass    |
|       | 2480            | 1.177                  | N/A                          | Pass    |
| 3-DH5 | 2402            | 1.176                  | N/A                          | Pass    |
|       | 2441            | 1.189                  | N/A                          | Pass    |
|       | 2480            | 1.258                  | N/A                          | Pass    |





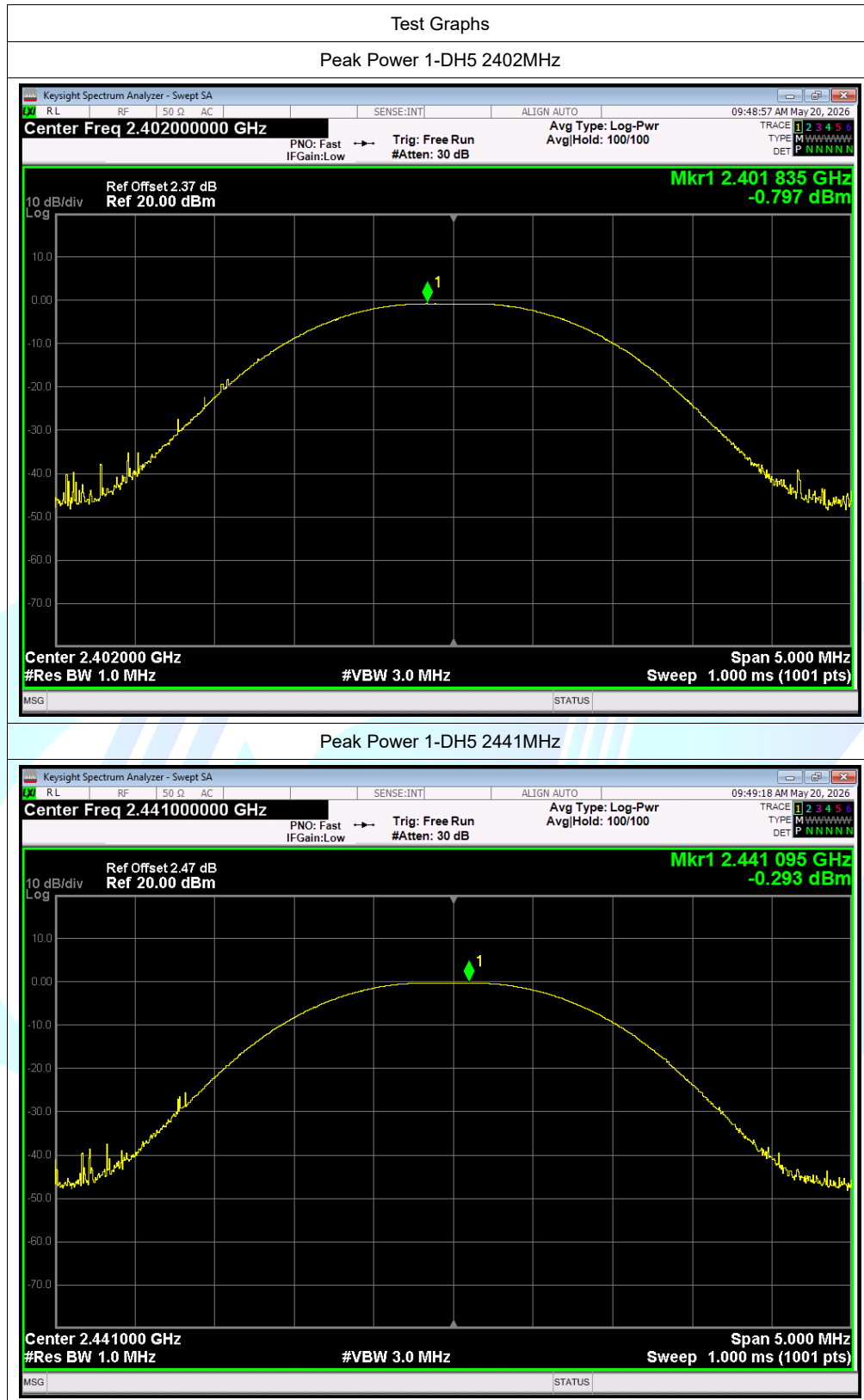


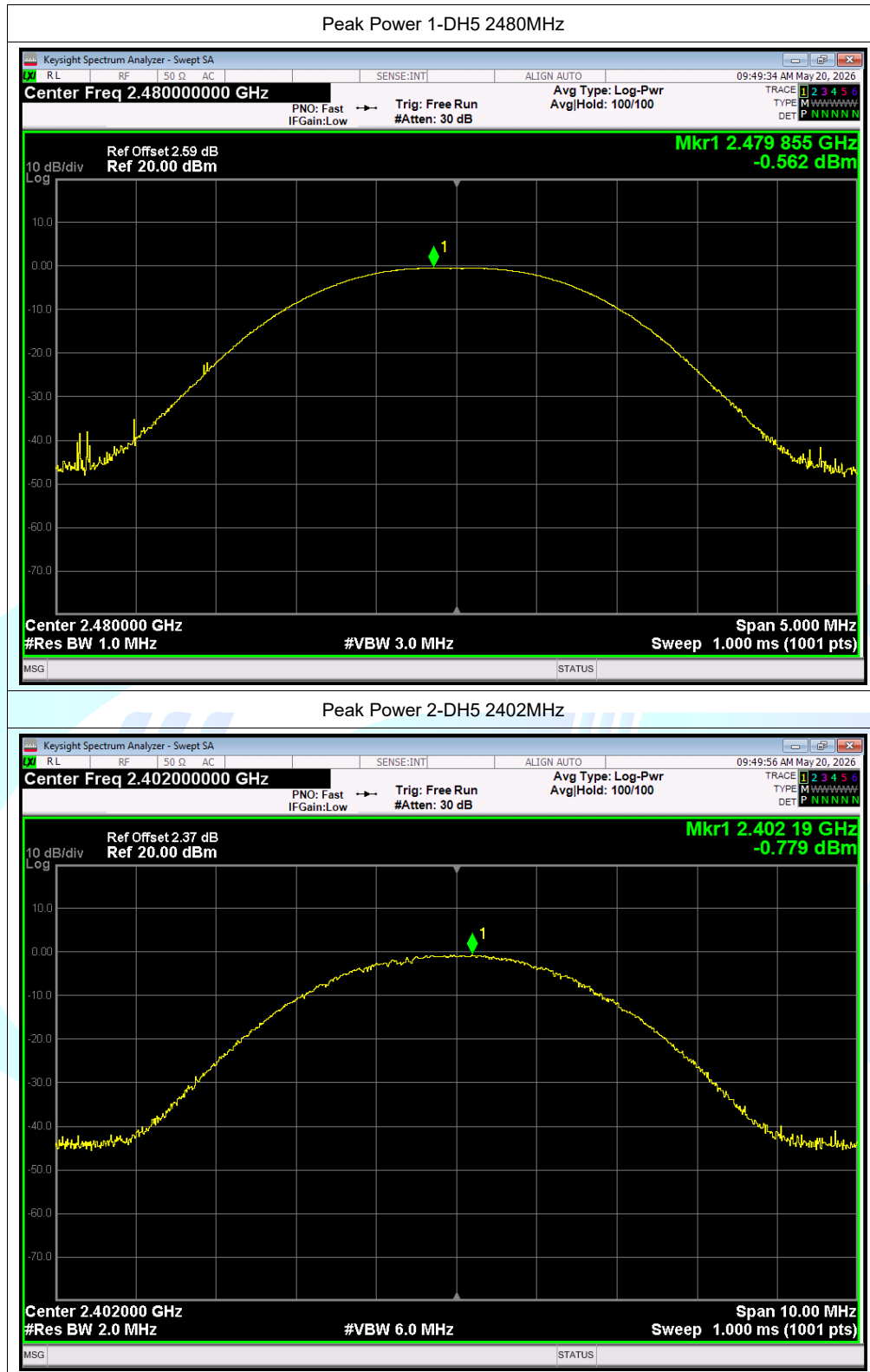




## Maximum Peak Conducted Output Power

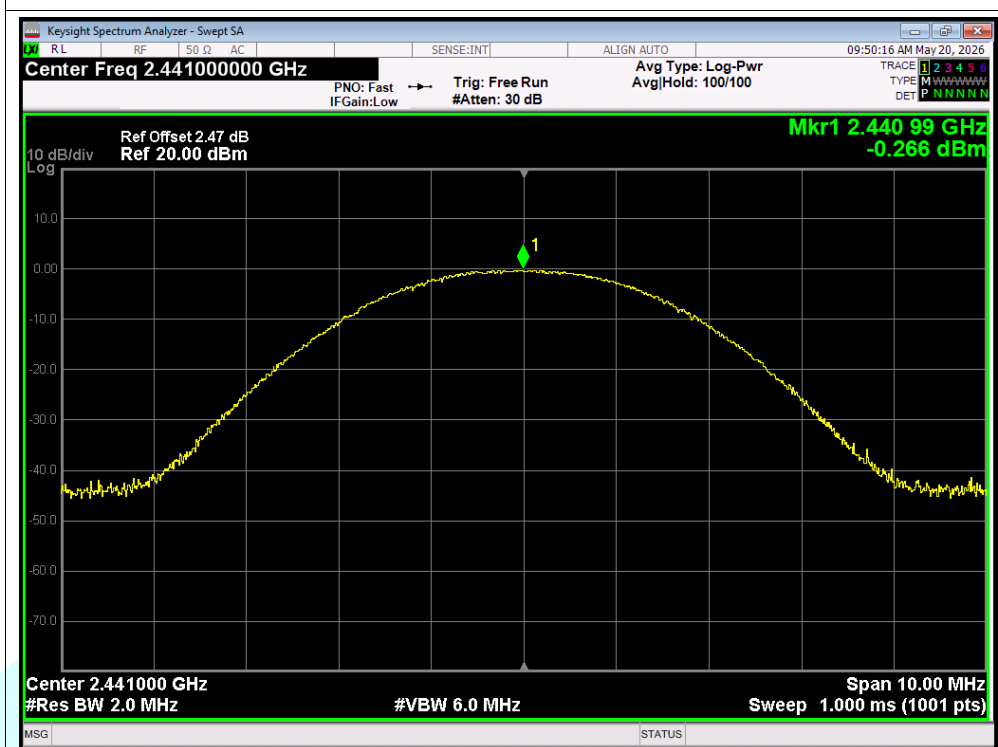
| Mode  | Frequency (MHz) | Conducted Power (dBm) | Limit Conducted(dBm) | Verdict |
|-------|-----------------|-----------------------|----------------------|---------|
| 1-DH5 | 2402            | -0.80                 | 30                   | Pass    |
|       | 2441            | -0.29                 | 30                   | Pass    |
|       | 2480            | -0.56                 | 30                   | Pass    |
| 2-DH5 | 2402            | -0.78                 | 30                   | Pass    |
|       | 2441            | -0.27                 | 30                   | Pass    |
|       | 2480            | -0.61                 | 30                   | Pass    |
| 3-DH5 | 2402            | -0.73                 | 30                   | Pass    |
|       | 2441            | -0.26                 | 30                   | Pass    |
|       | 2480            | -0.50                 | 30                   | Pass    |



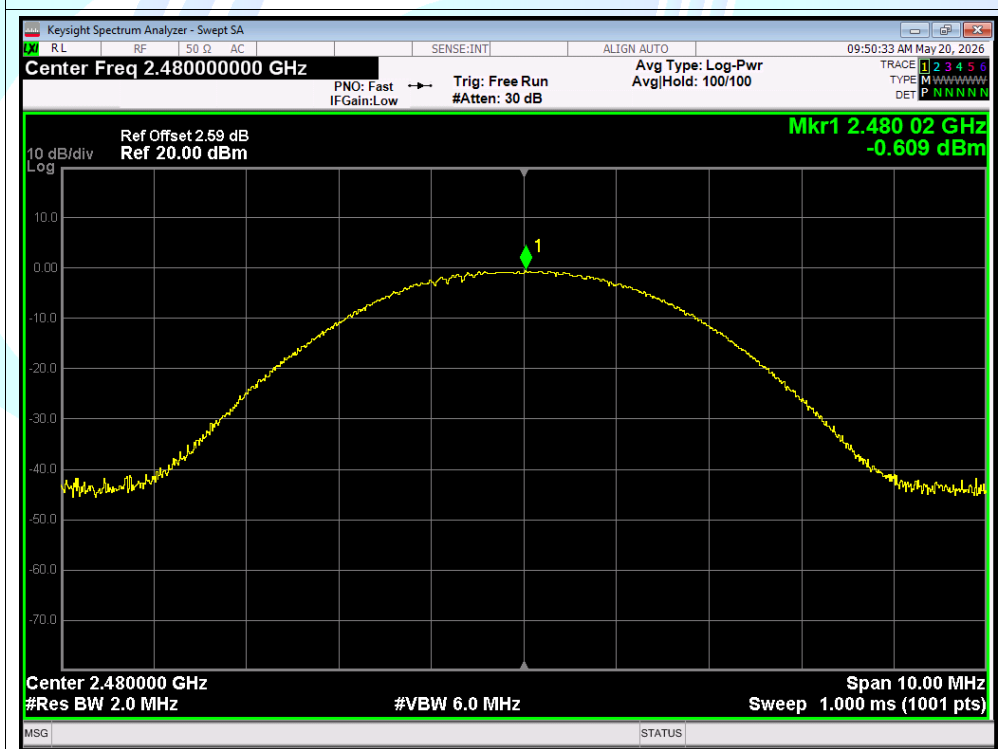


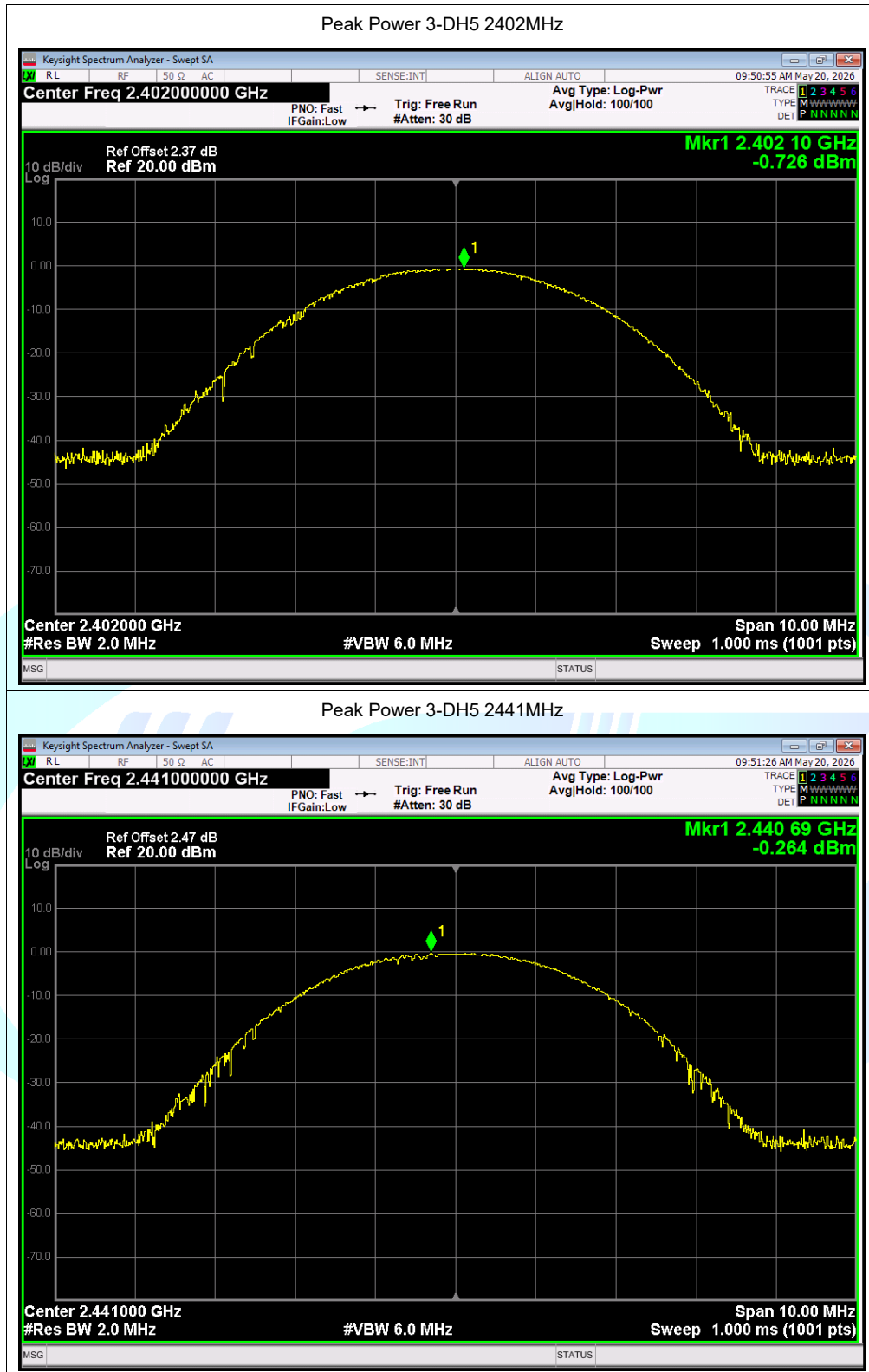


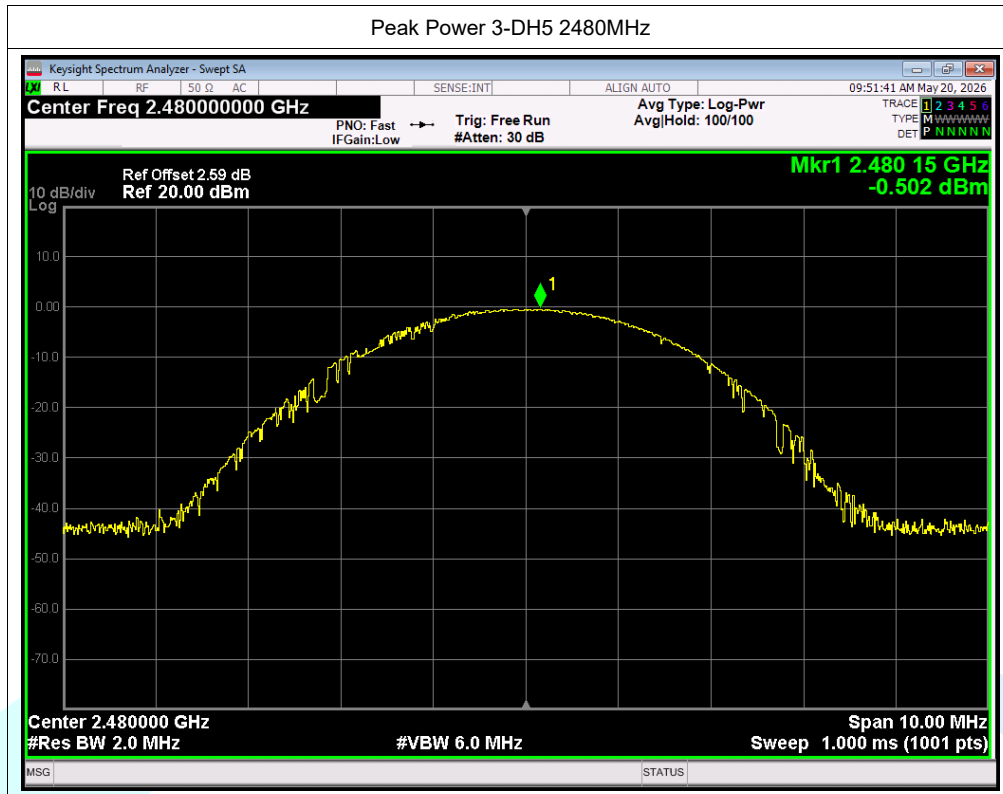
Peak Power 2-DH5 2441MHz



Peak Power 2-DH5 2480MHz



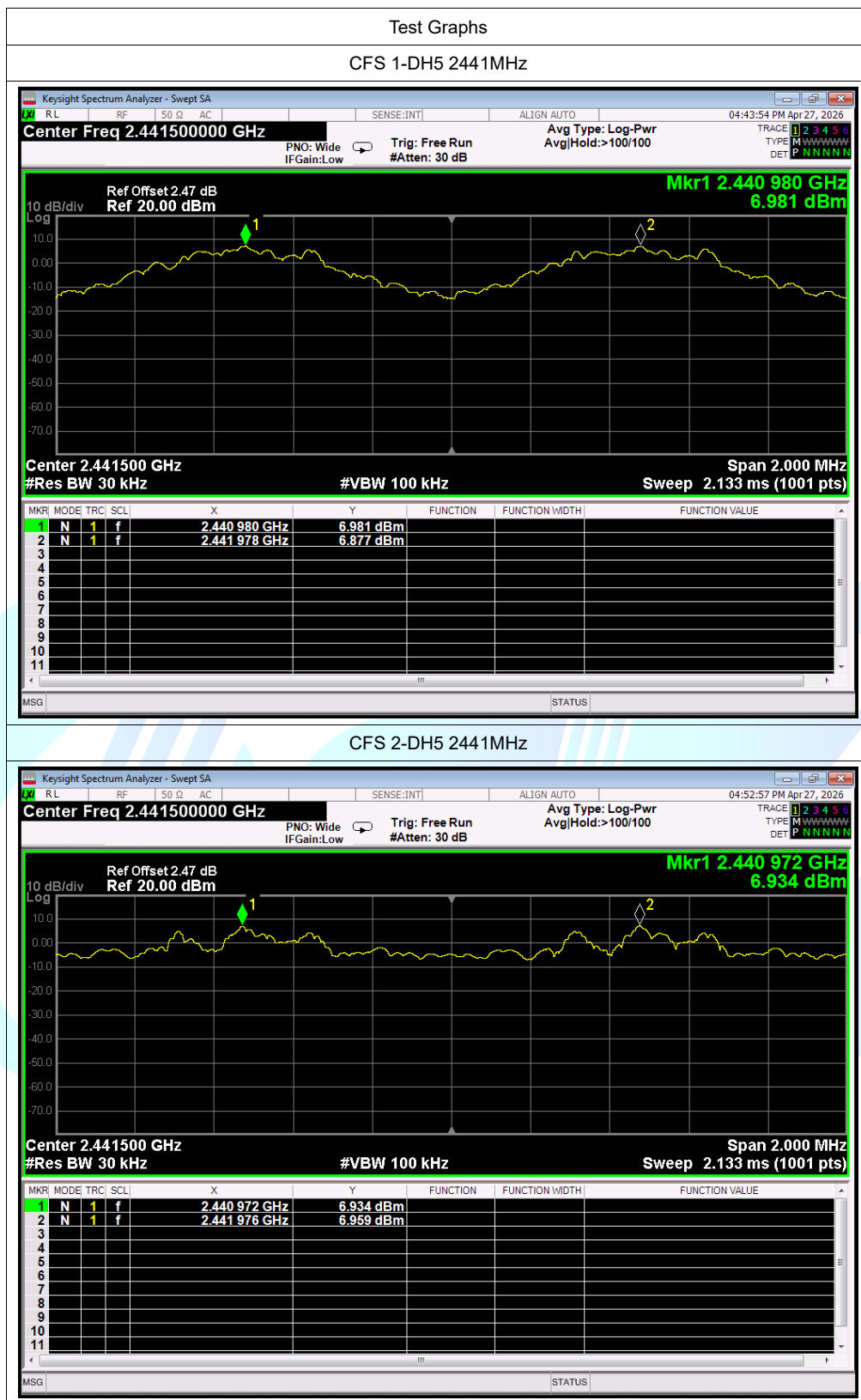


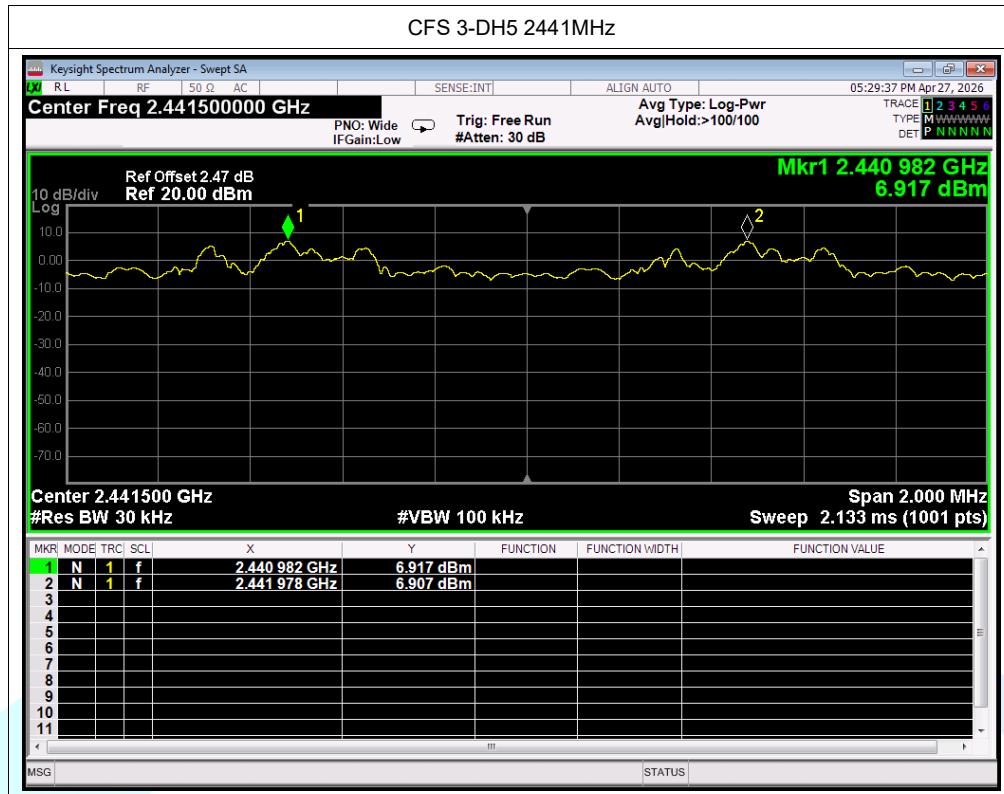


## Carrier Frequencies Separation

| Mode  | Hopping Freq1<br>(MHz) | Hopping Freq2<br>(MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-------|------------------------|------------------------|-----------|-------------|---------|
| 1-DH5 | 2440.98                | 2441.978               | 0.998     | 0.644       | Pass    |
| 2-DH5 | 2440.972               | 2441.976               | 1.004     | 0.85        | Pass    |
| 3-DH5 | 2440.982               | 2441.978               | 0.996     | 0.703       | Pass    |







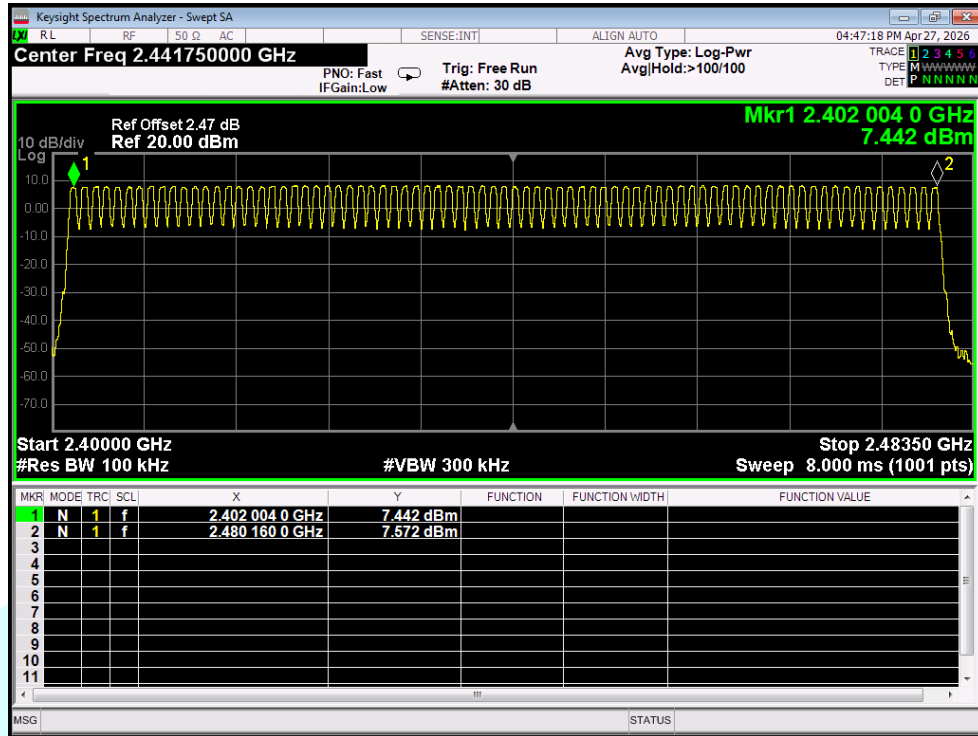
## Number of Hopping Channel

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

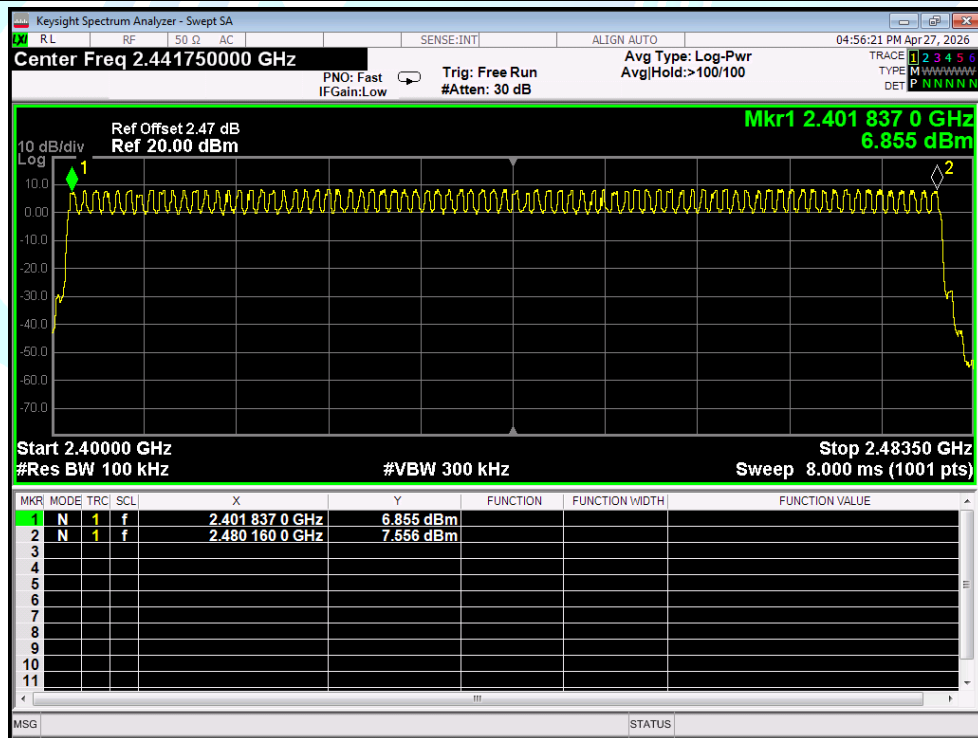


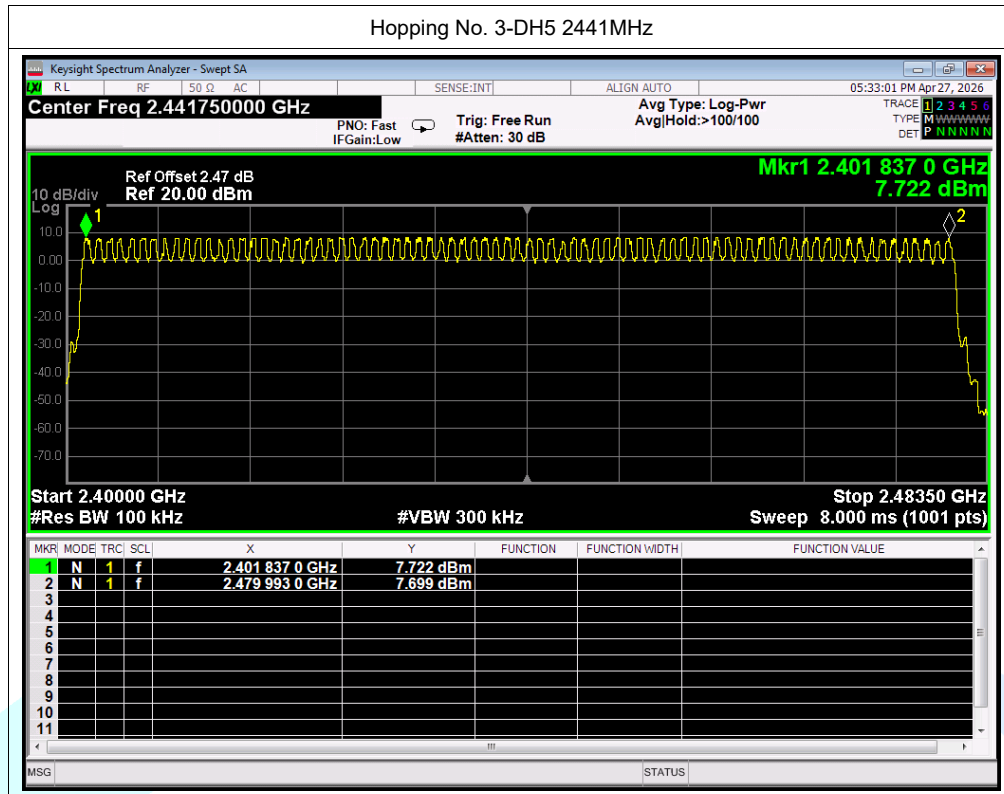
### Test Graphs

#### Hopping No. 1-DH5 2441MHz



#### Hopping No. 2-DH5 2441MHz



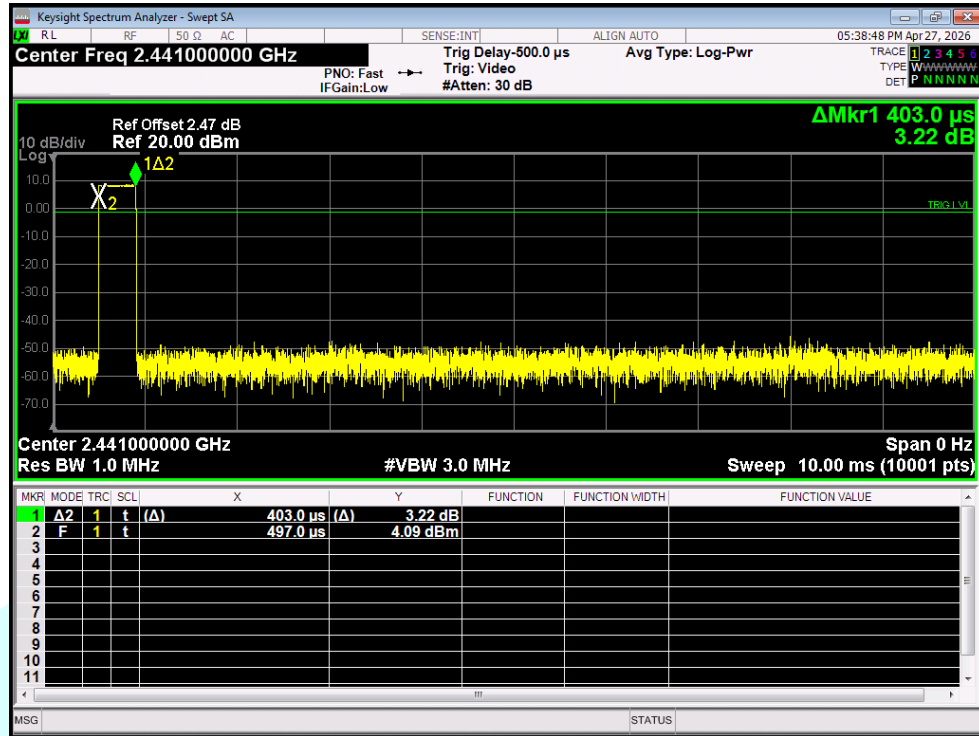


## Dwell Time

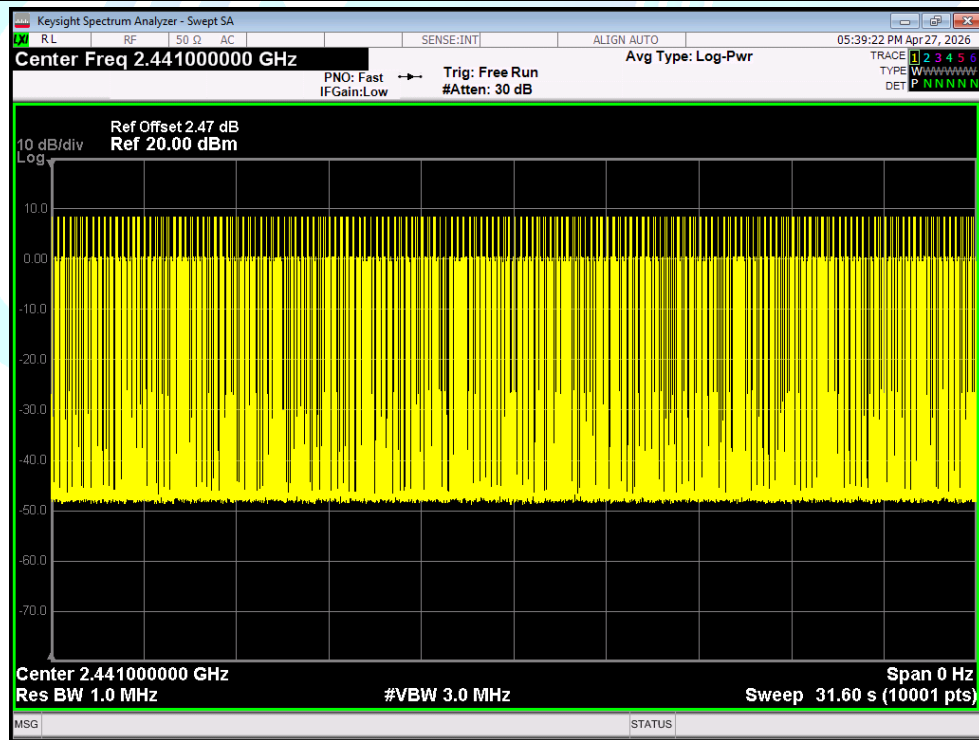
| Mode  | Frequency (MHz) | Pulse Time (ms) | Total Dwell Time (ms) | Burst Count | Period Time (ms) | Limit (ms) | Verdict |
|-------|-----------------|-----------------|-----------------------|-------------|------------------|------------|---------|
| 1-DH1 | 2441            | 0.403           | 127.751               | 317         | 31600            | 400        | Pass    |
| 1-DH3 | 2441            | 1.658           | 248.7                 | 150         | 31600            | 400        | Pass    |
| 1-DH5 | 2441            | 2.907           | 302.328               | 104         | 31600            | 400        | Pass    |
| 2-DH1 | 2441            | 0.412           | 131.016               | 318         | 31600            | 400        | Pass    |
| 2-DH3 | 2441            | 1.664           | 269.568               | 162         | 31600            | 400        | Pass    |
| 2-DH5 | 2441            | 2.912           | 317.408               | 109         | 31600            | 400        | Pass    |
| 3-DH1 | 2441            | 0.412           | 131.428               | 319         | 31600            | 400        | Pass    |
| 3-DH3 | 2441            | 1.662           | 275.892               | 166         | 31600            | 400        | Pass    |
| 3-DH5 | 2441            | 2.912           | 311.584               | 107         | 31600            | 400        | Pass    |

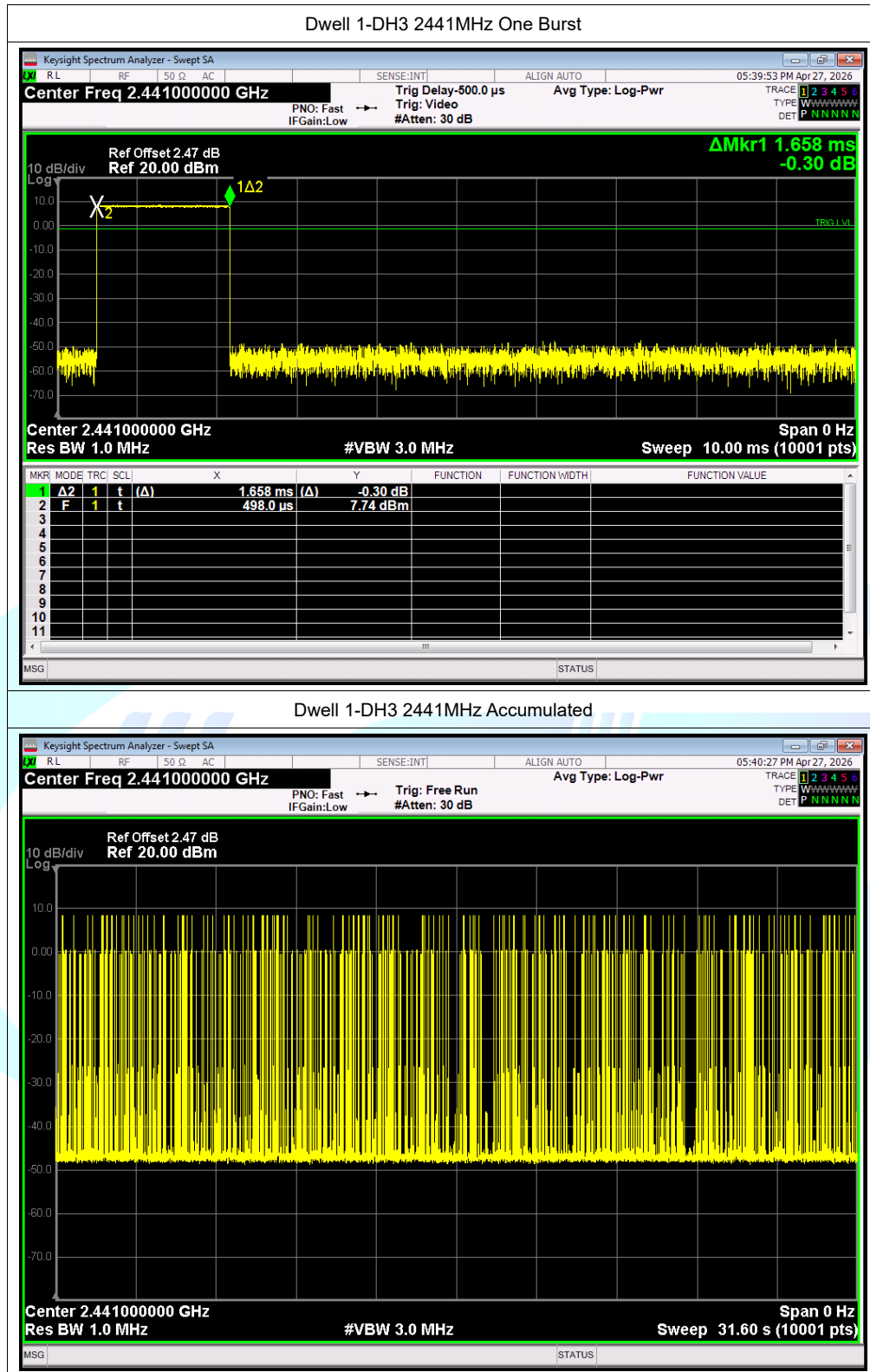
### Test Graphs

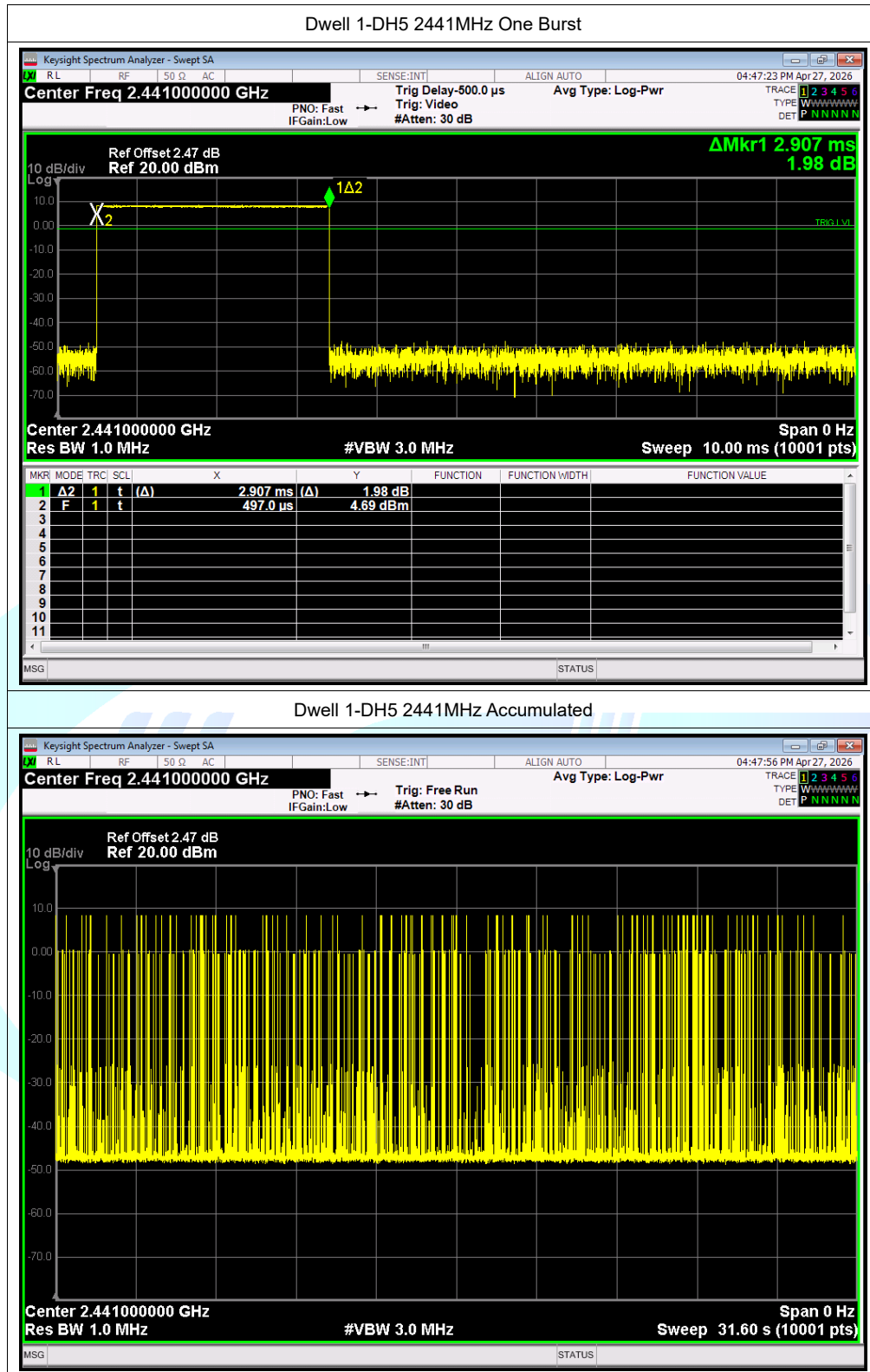
#### Dwell 1-DH1 2441MHz One Burst

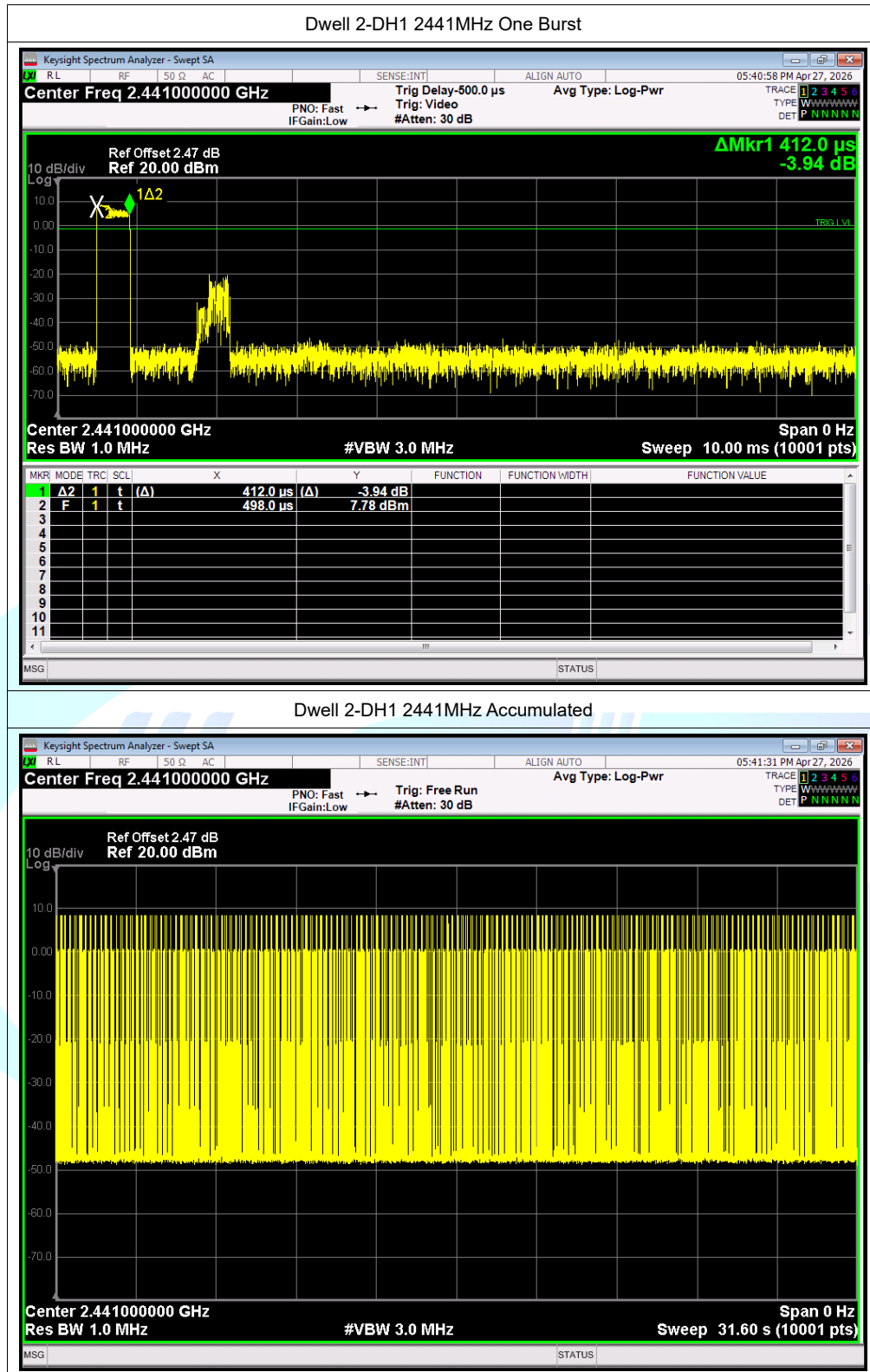


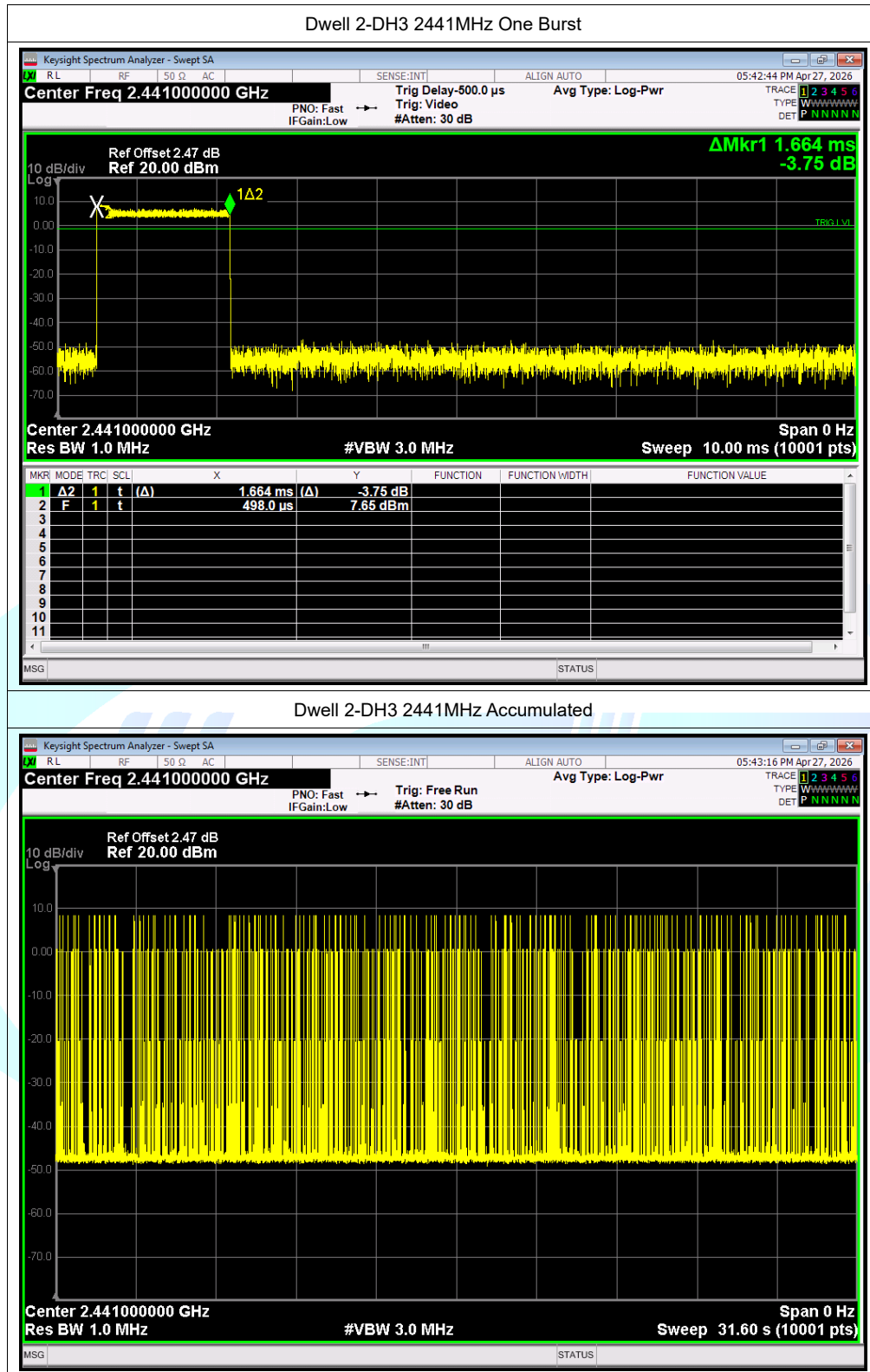
#### Dwell 1-DH1 2441MHz Accumulated

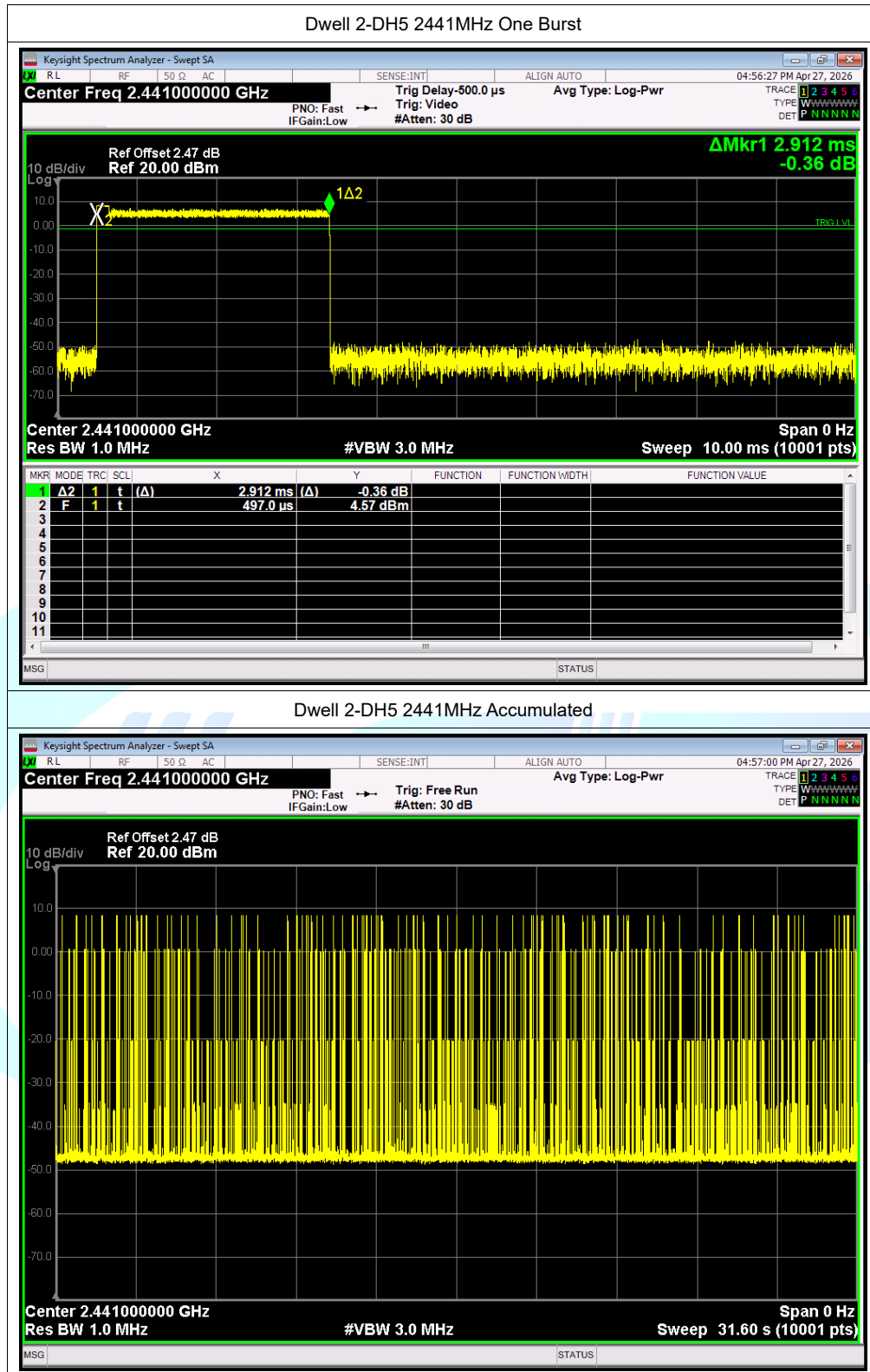


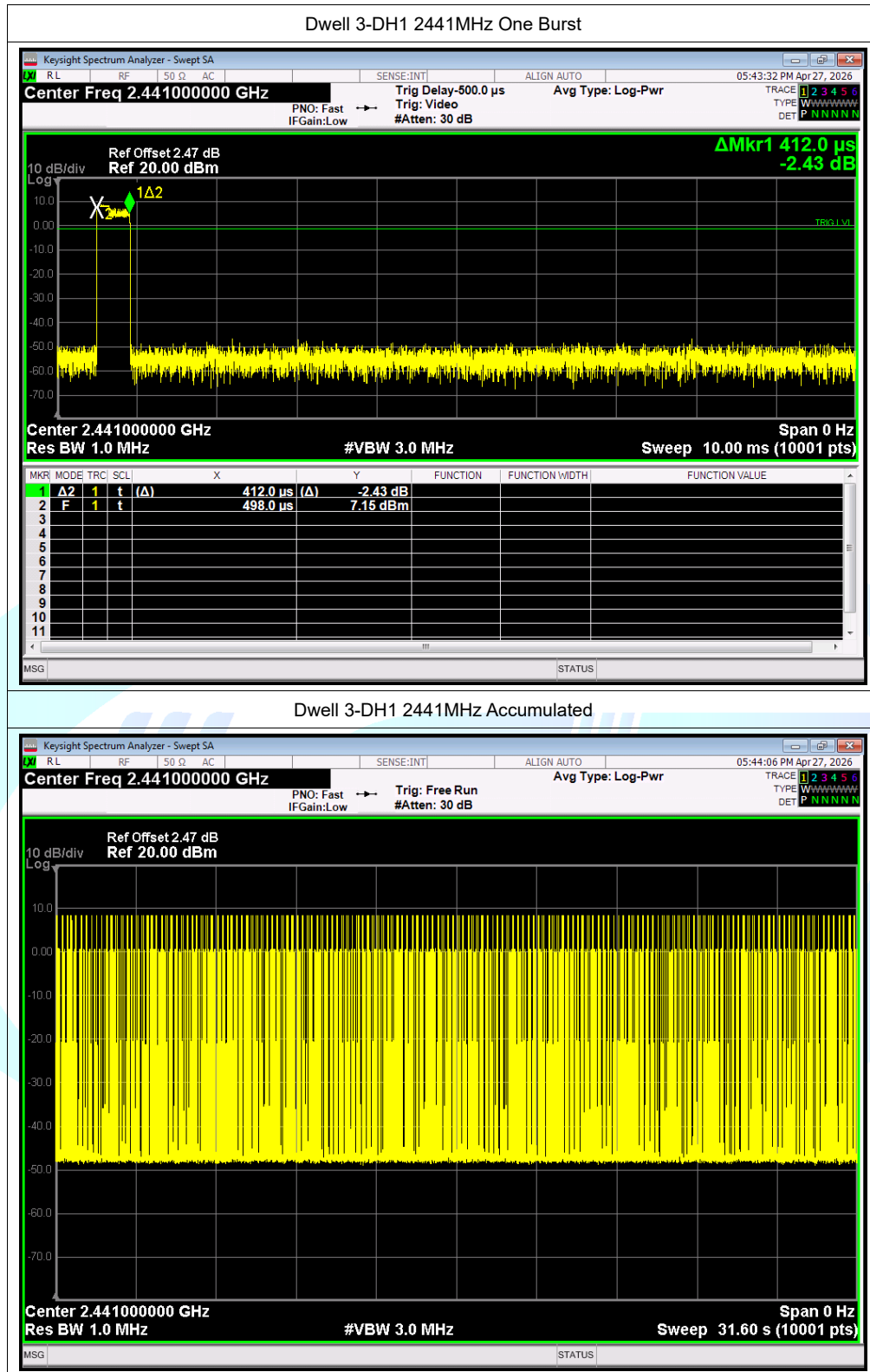


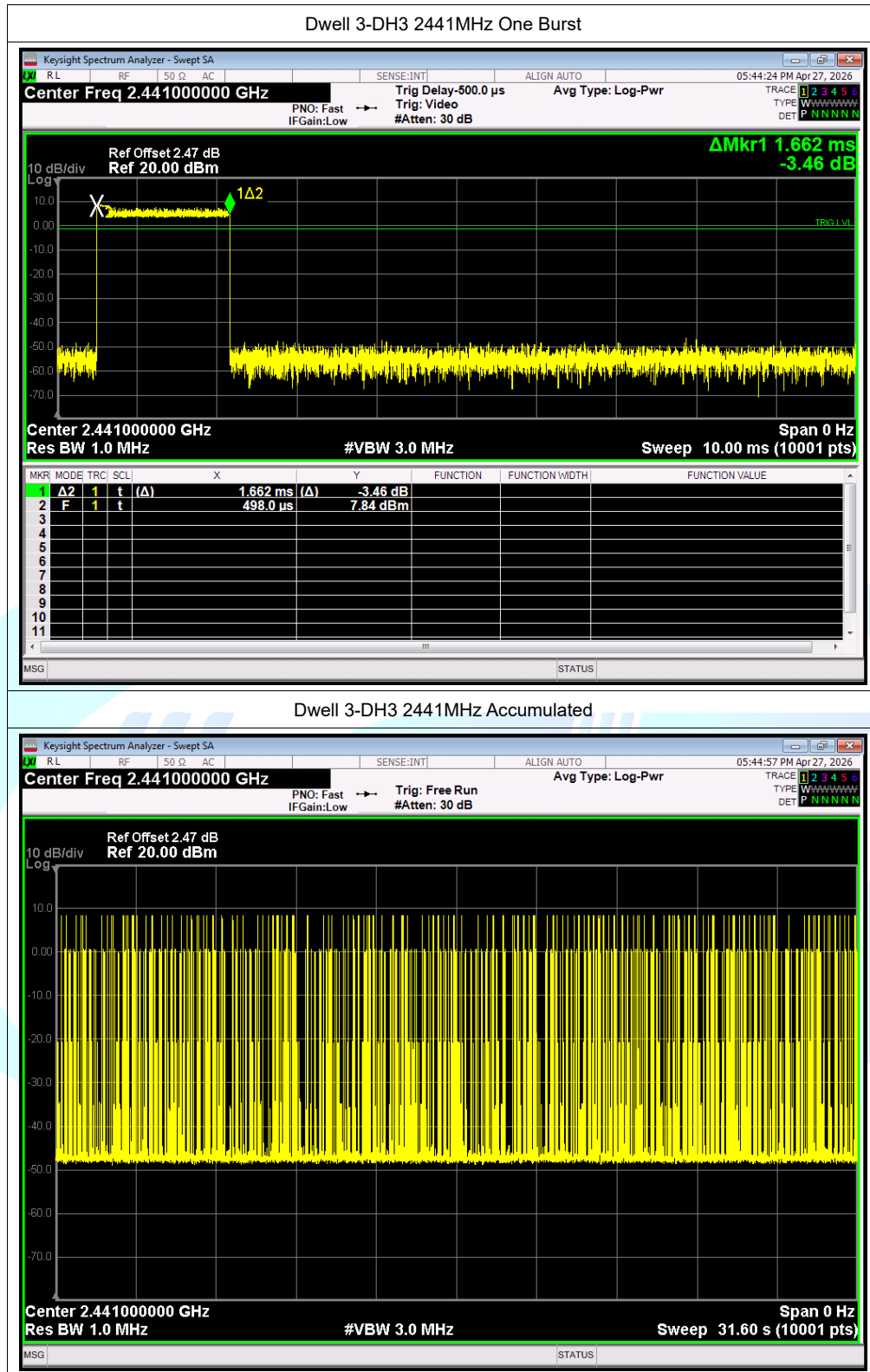


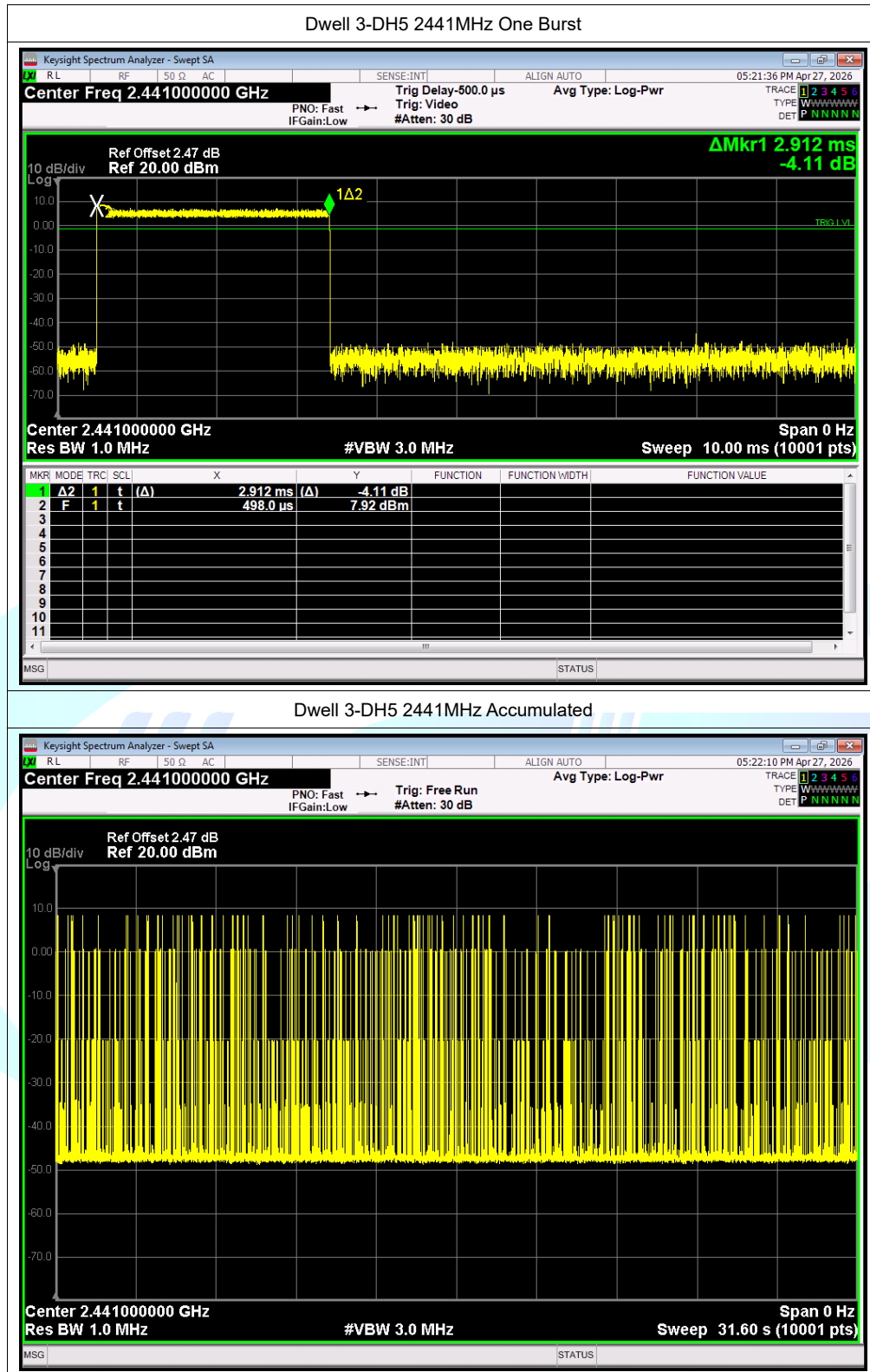












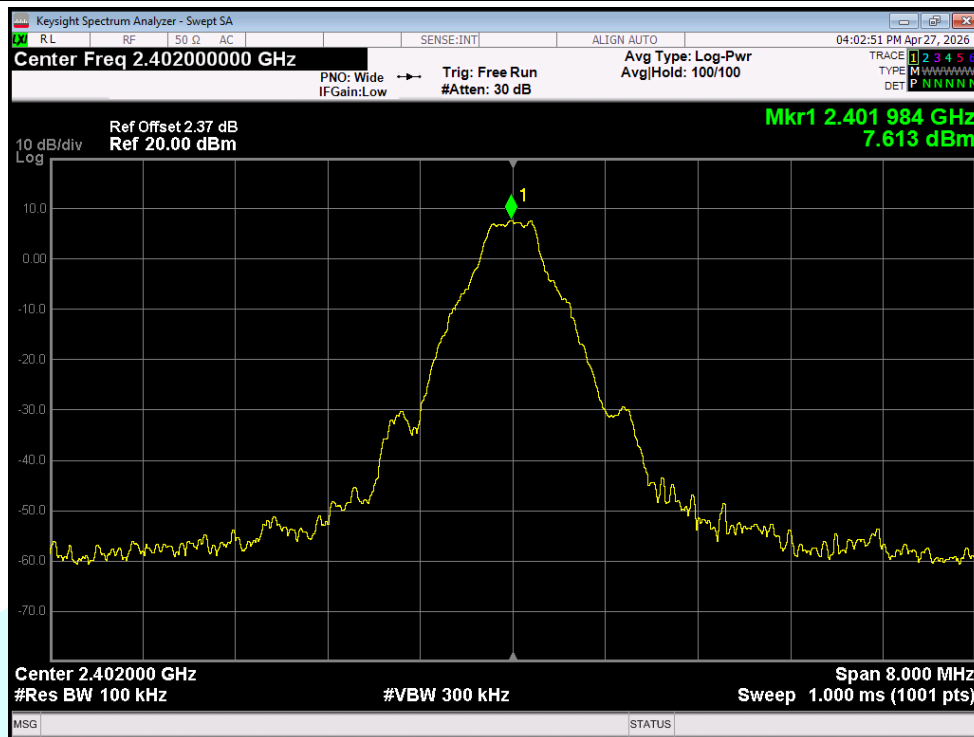
## Band Edge

| Mode  | Frequency (MHz) | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-------|-----------------|--------------|-----------------|-------------|---------|
| 1-DH5 | 2402            | No-Hopping   | -60.04          | -20         | Pass    |
|       | 2480            | No-Hopping   | -61.94          | -20         | Pass    |
| 2-DH5 | 2402            | No-Hopping   | -48.84          | -20         | Pass    |
|       | 2480            | No-Hopping   | -61.75          | -20         | Pass    |
| 3-DH5 | 2402            | No-Hopping   | -50.8           | -20         | Pass    |
|       | 2480            | No-Hopping   | -61.68          | -20         | Pass    |

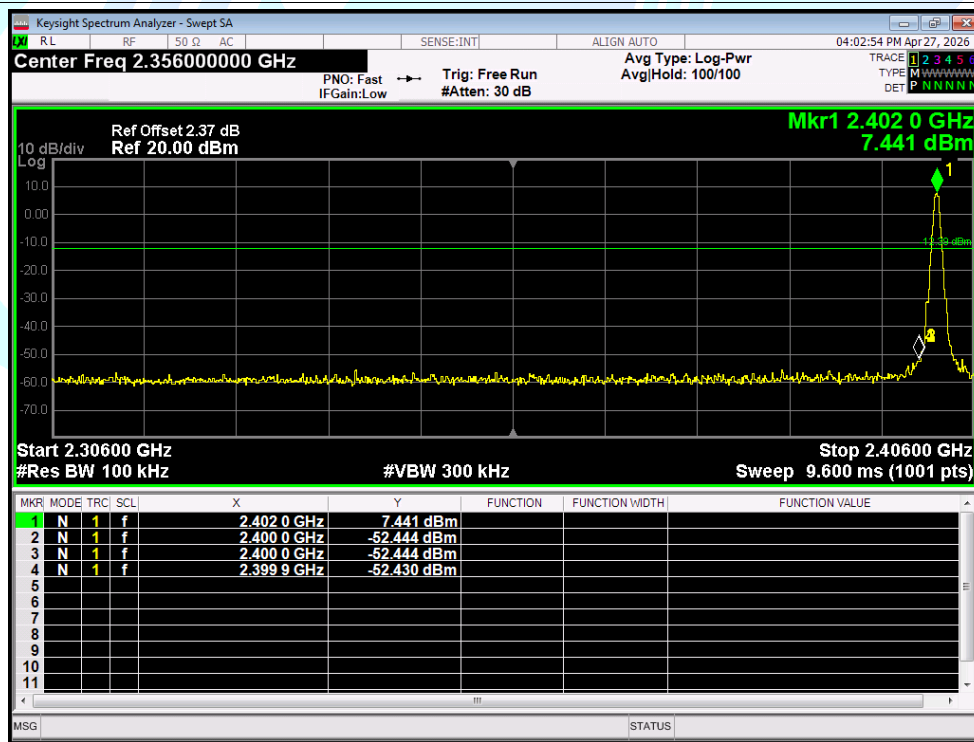


### Test Graphs

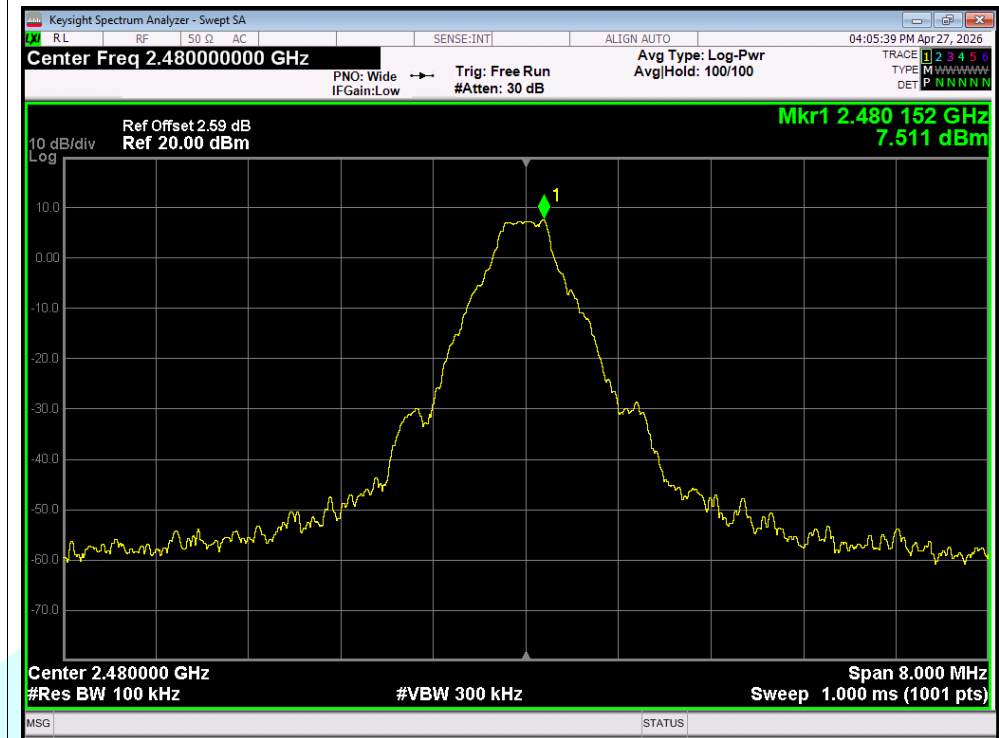
#### Band Edge 1-DH5 2402MHz No-Hopping Ref



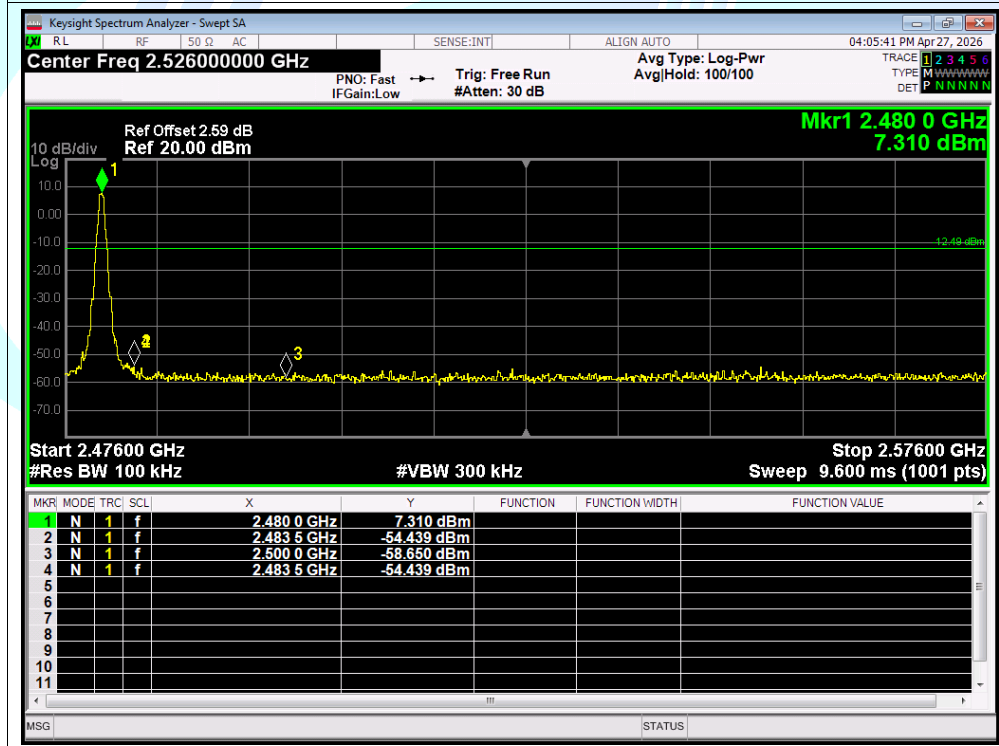
#### Band Edge 1-DH5 2402MHz No-Hopping Emission



Band Edge 1-DH5 2480MHz No-Hopping Ref



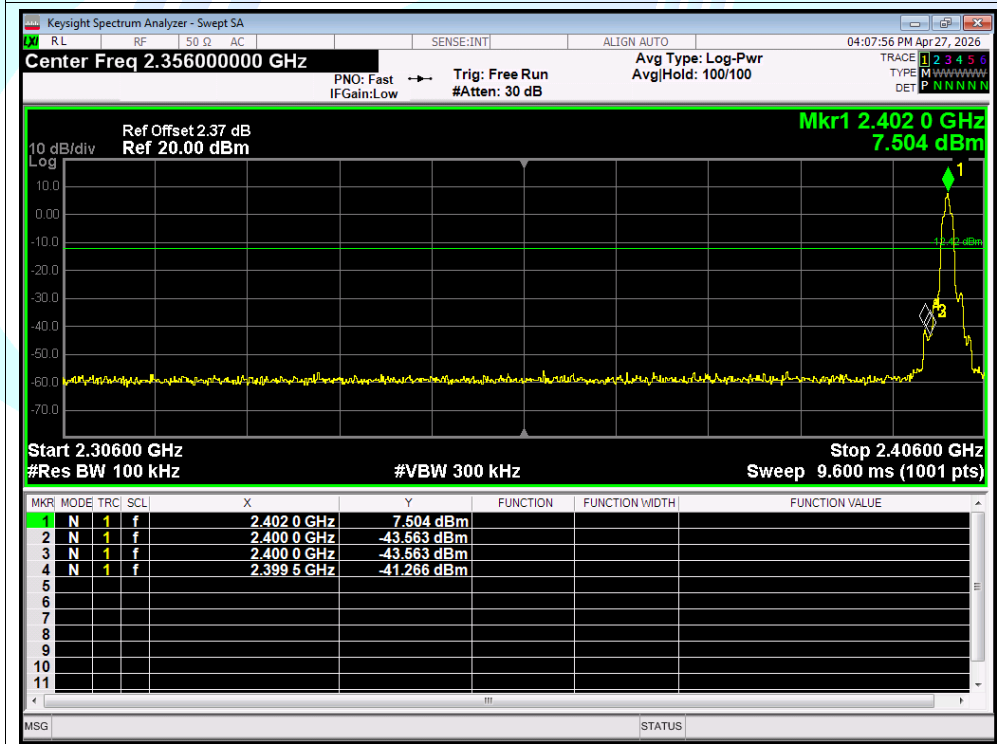
Band Edge 1-DH5 2480MHz No-Hopping Emission



Band Edge 2-DH5 2402MHz No-Hopping Ref



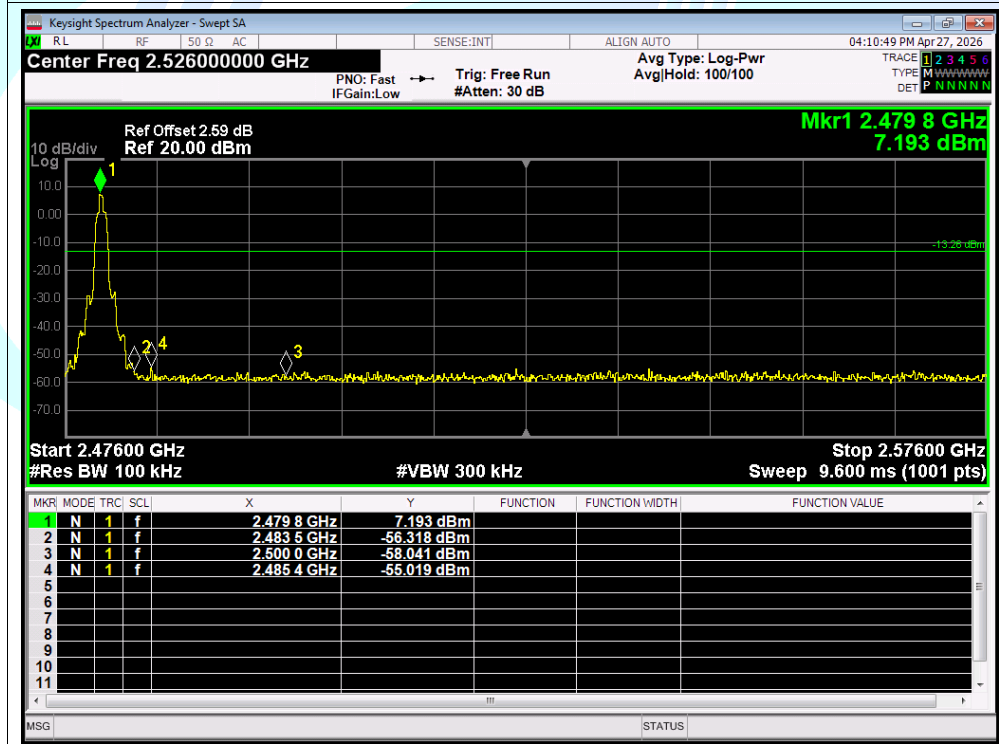
Band Edge 2-DH5 2402MHz No-Hopping Emission



Band Edge 2-DH5 2480MHz No-Hopping Ref



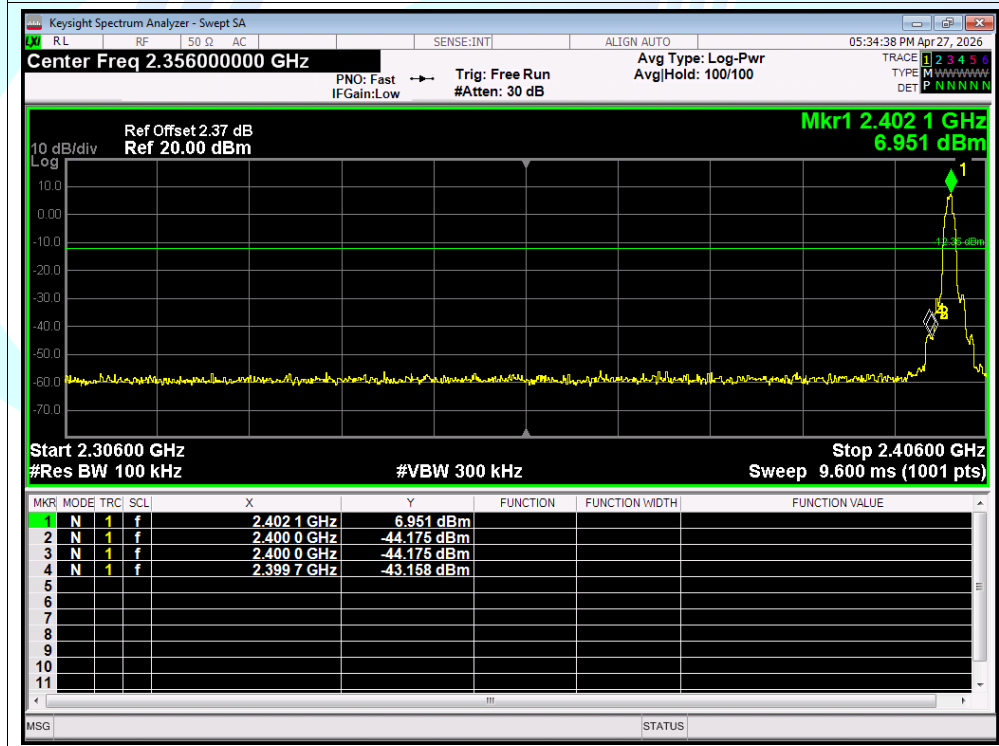
Band Edge 2-DH5 2480MHz No-Hopping Emission



Band Edge 3-DH5 2402MHz No-Hopping Ref



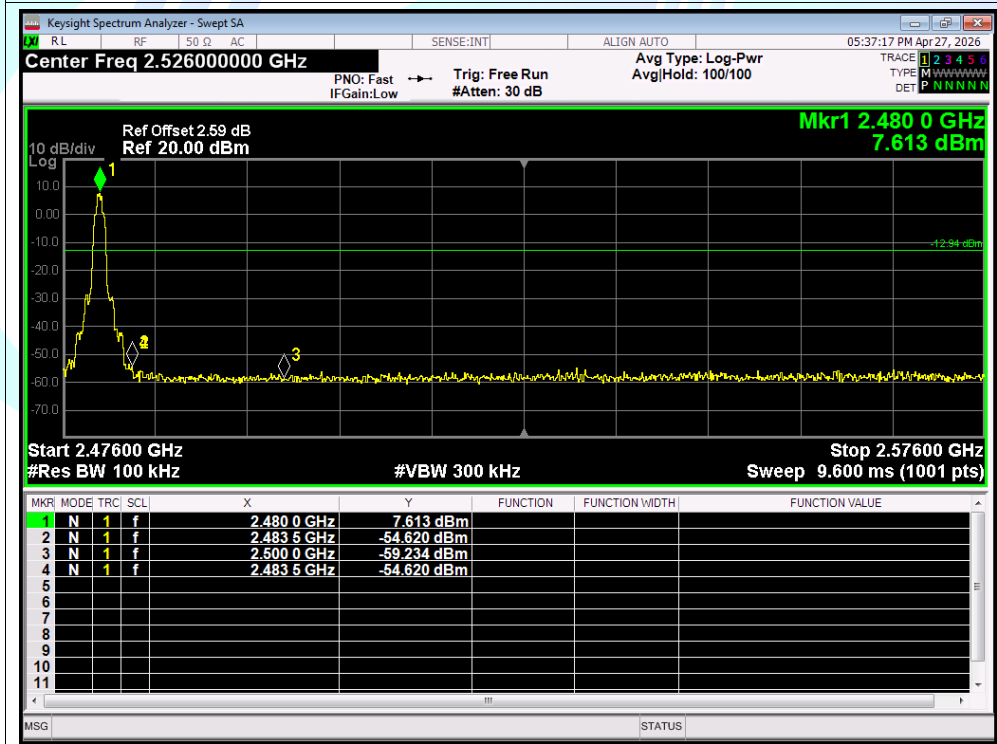
Band Edge 3-DH5 2402MHz No-Hopping Emission



Band Edge 3-DH5 2480MHz No-Hopping Ref



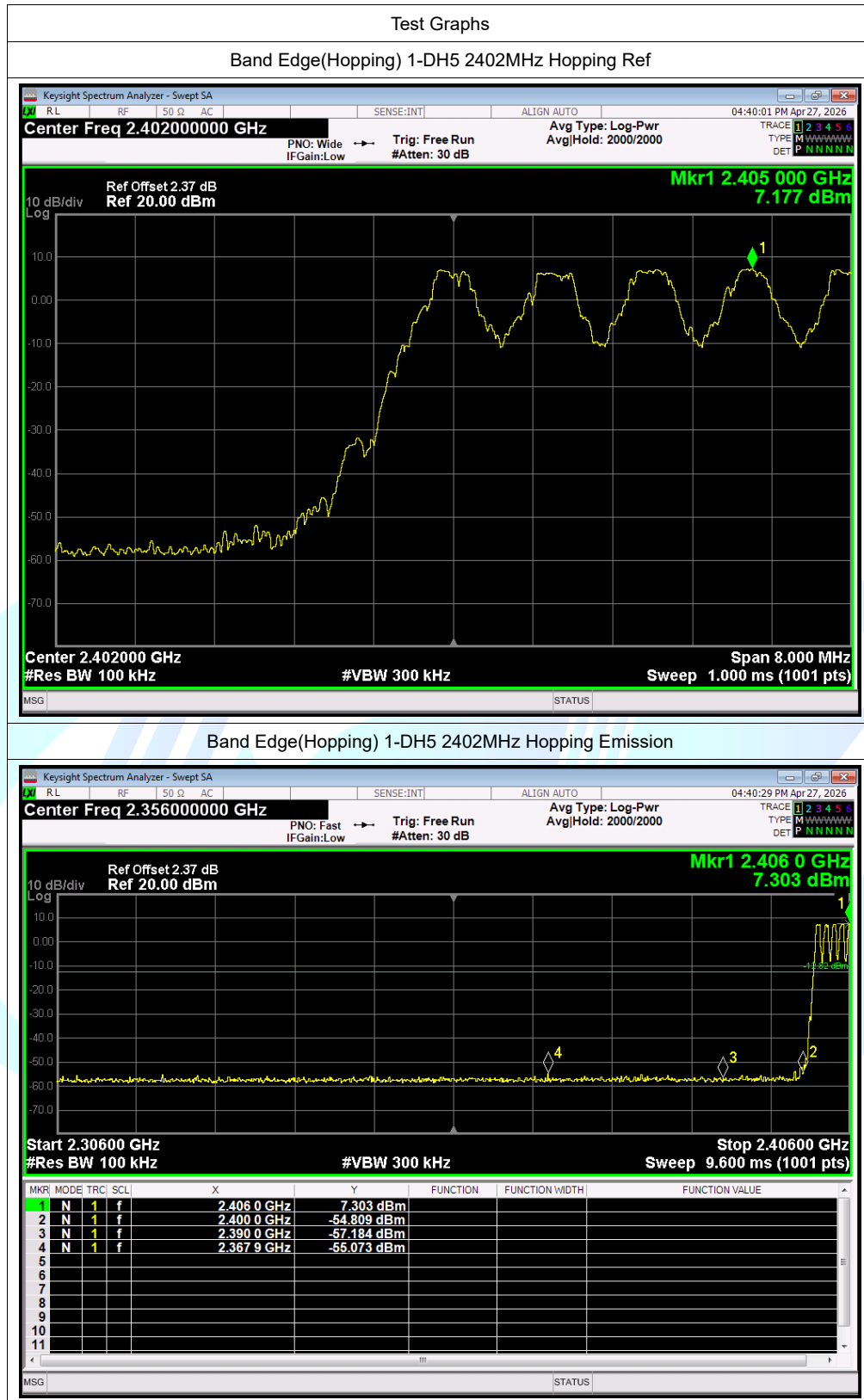
Band Edge 3-DH5 2480MHz No-Hopping Emission



## Band Edge(Hopping)

| Mode  | Frequency (MHz) | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-------|-----------------|--------------|-----------------|-------------|---------|
| 1-DH5 | 2402            | Hopping      | -62.25          | -20         | Pass    |
|       | 2480            | Hopping      | -62.7           | -20         | Pass    |
| 2-DH5 | 2402            | Hopping      | -62.15          | -20         | Pass    |
|       | 2480            | Hopping      | -62.79          | -20         | Pass    |
| 3-DH5 | 2402            | Hopping      | -62.32          | -20         | Pass    |
|       | 2480            | Hopping      | -63.49          | -20         | Pass    |

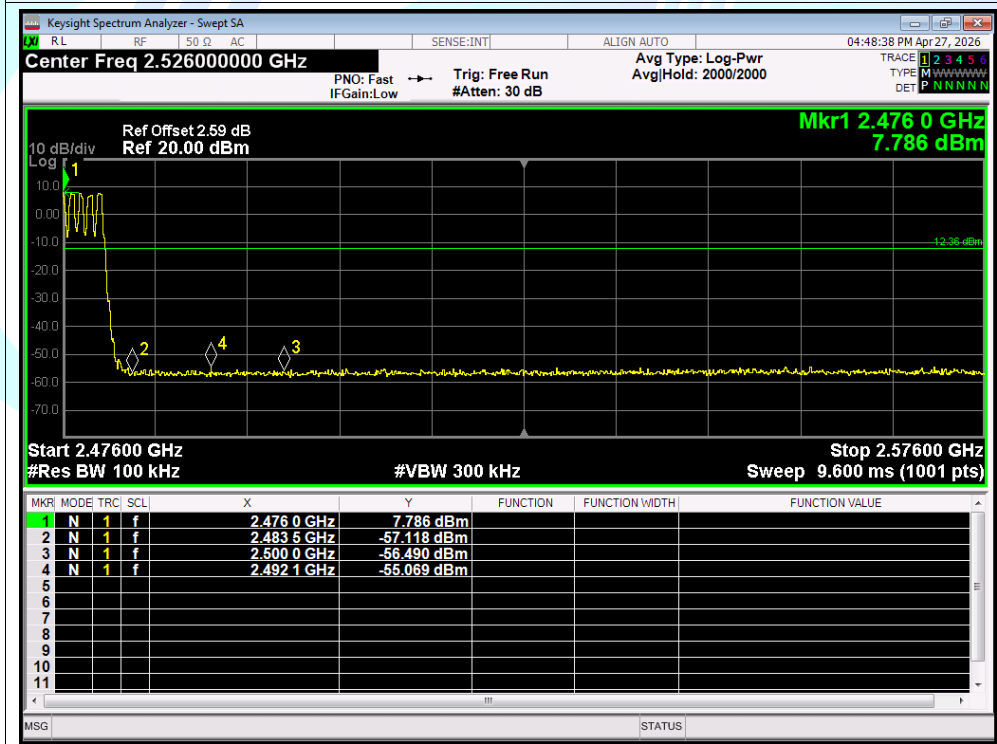




Band Edge(Hopping) 1-DH5 2480MHz Hopping Ref



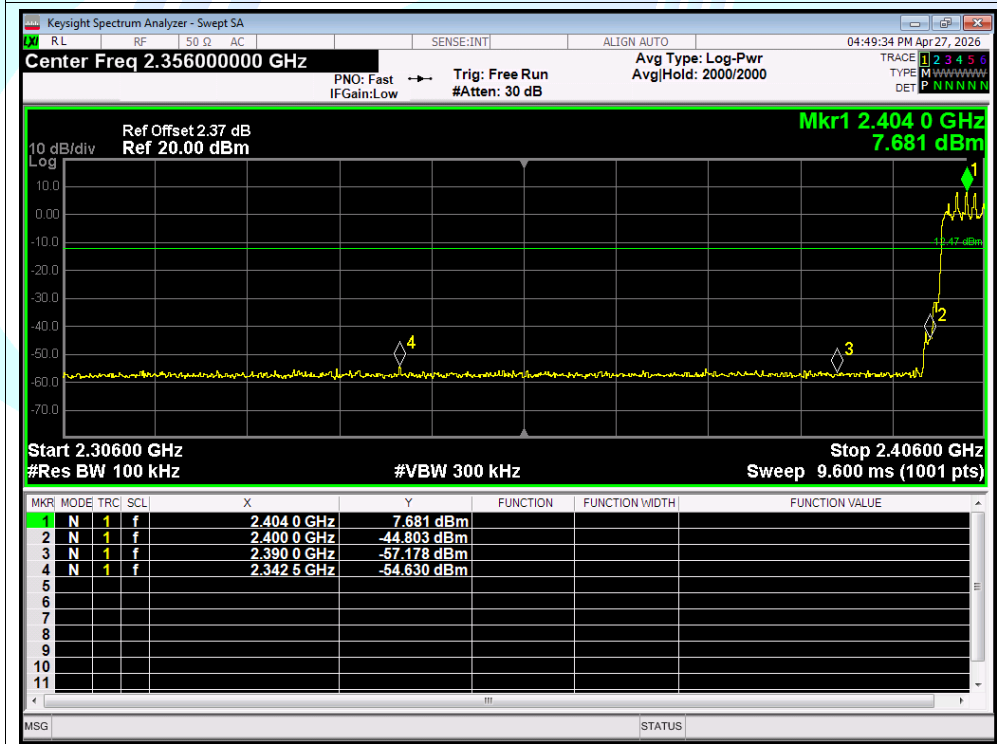
Band Edge(Hopping) 1-DH5 2480MHz Hopping Emission



Band Edge(Hopping) 2-DH5 2402MHz Hopping Ref



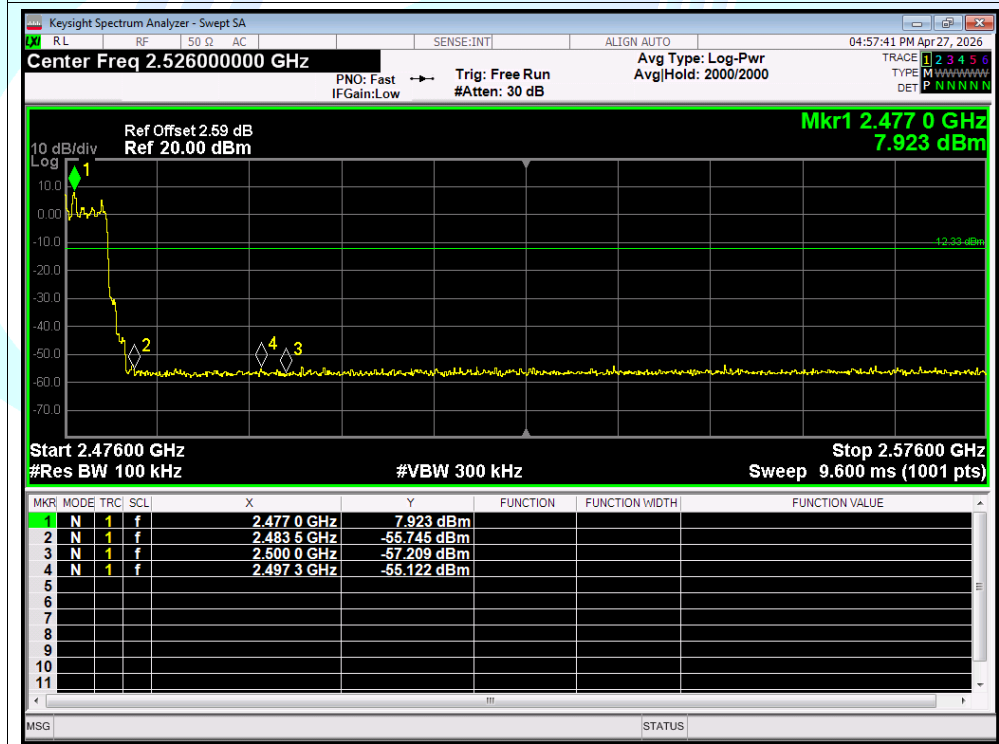
Band Edge(Hopping) 2-DH5 2402MHz Hopping Emission

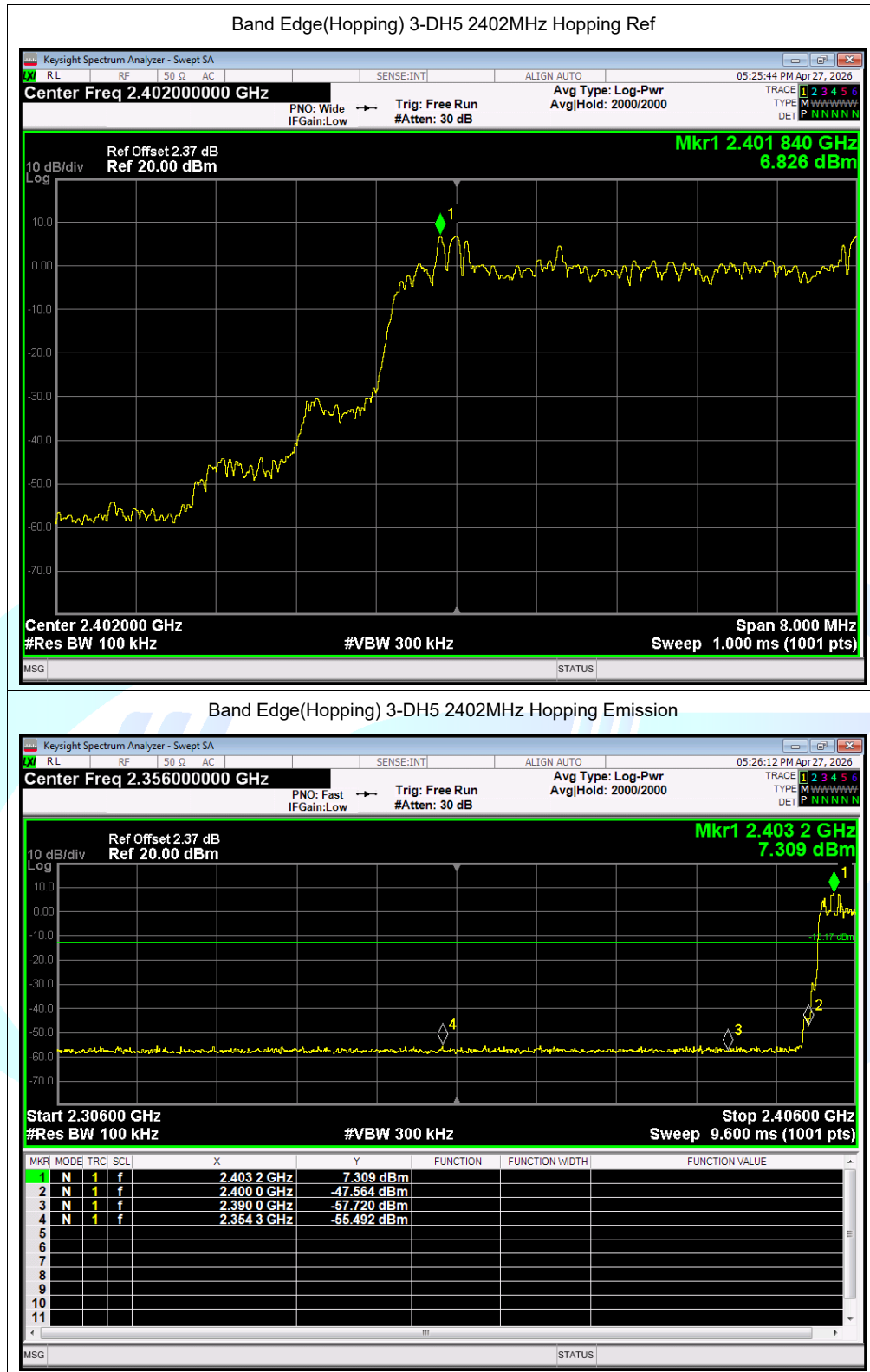


Band Edge(Hopping) 2-DH5 2480MHz Hopping Ref



Band Edge(Hopping) 2-DH5 2480MHz Hopping Emission

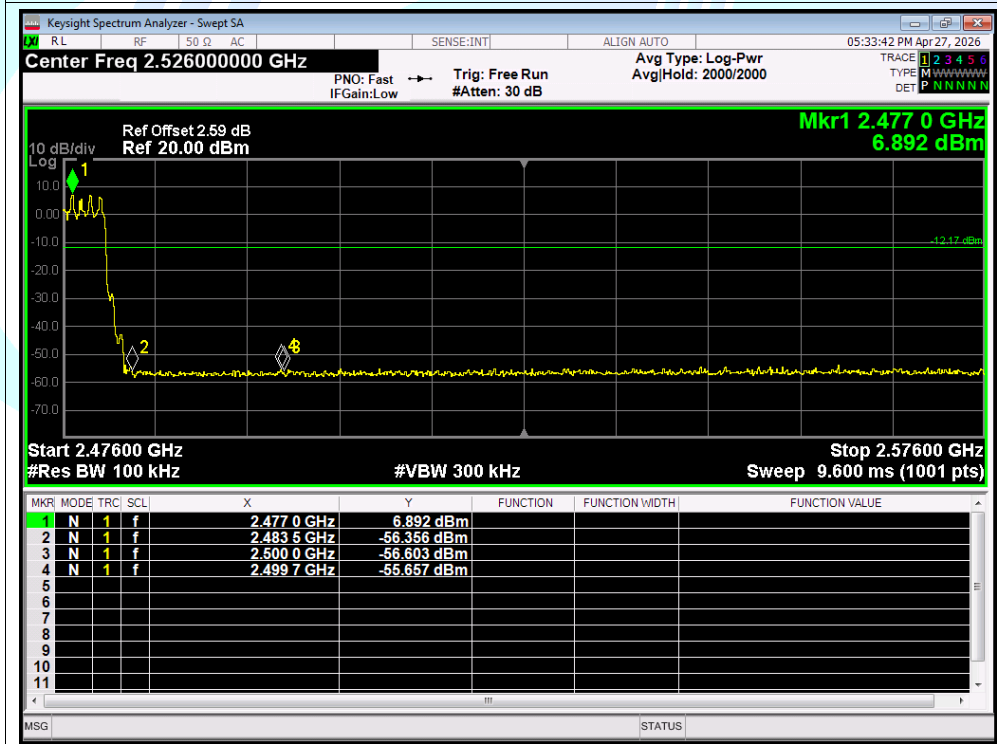




Band Edge(Hopping) 3-DH5 2480MHz Hopping Ref

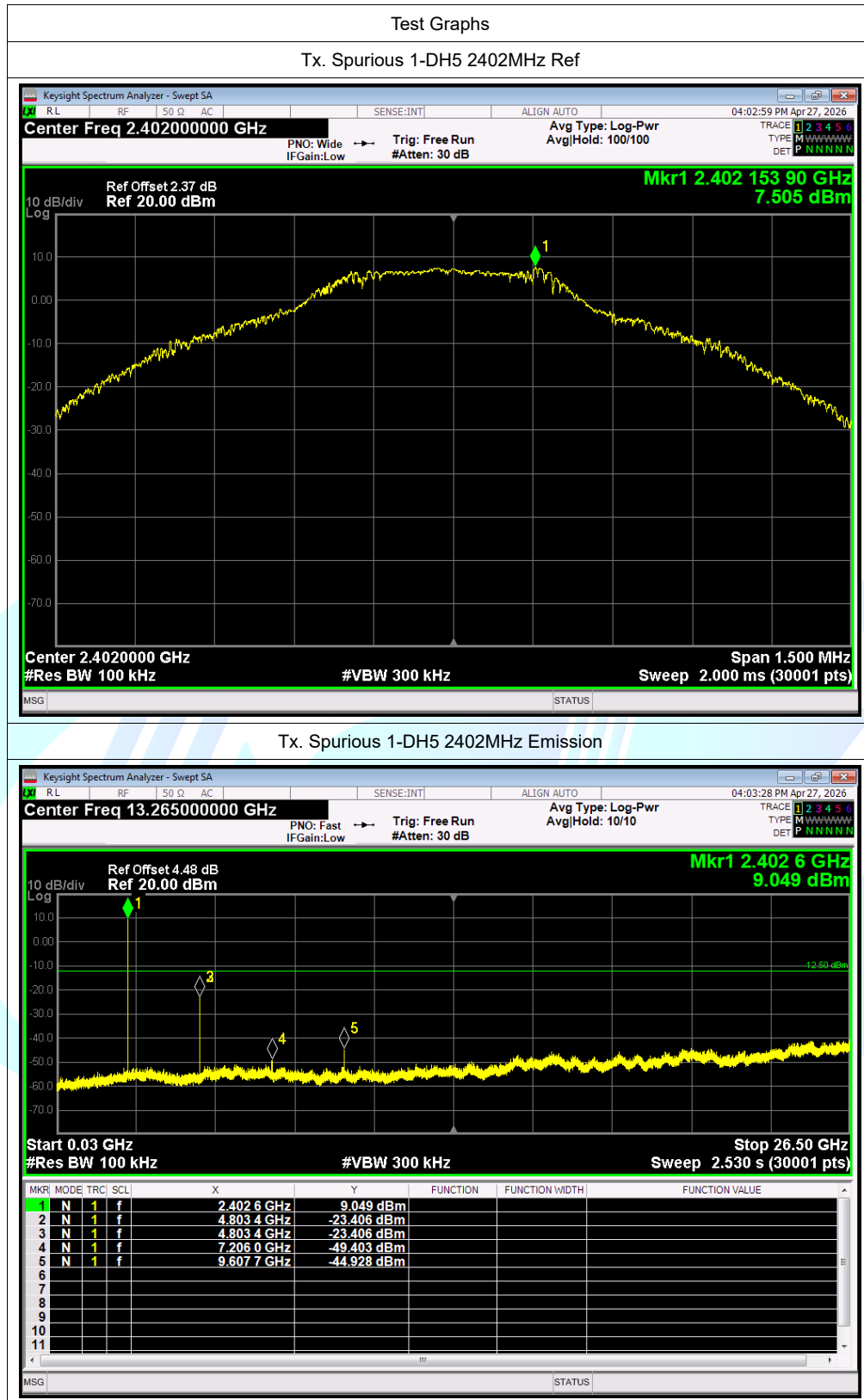


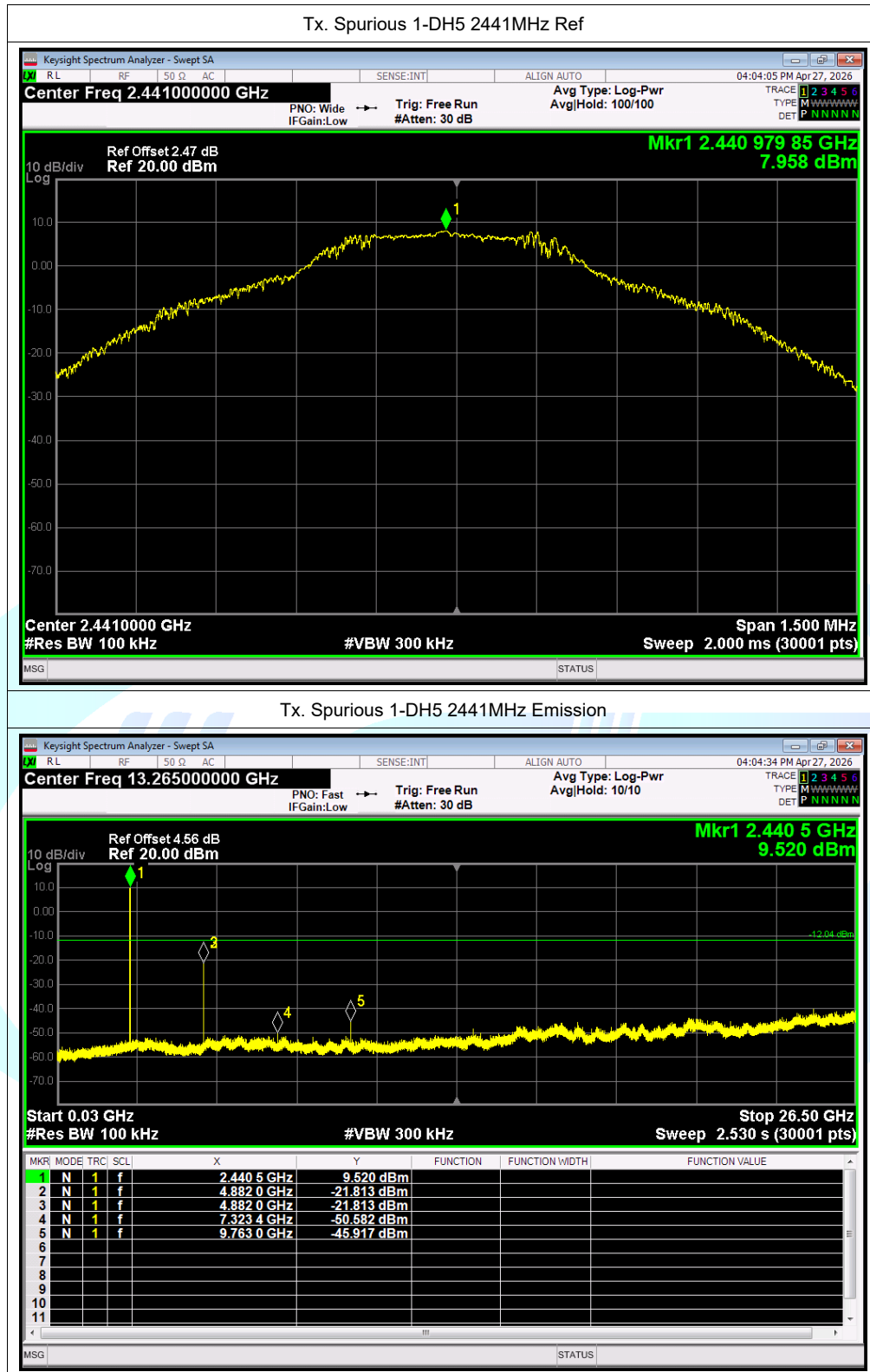
Band Edge(Hopping) 3-DH5 2480MHz Hopping Emission

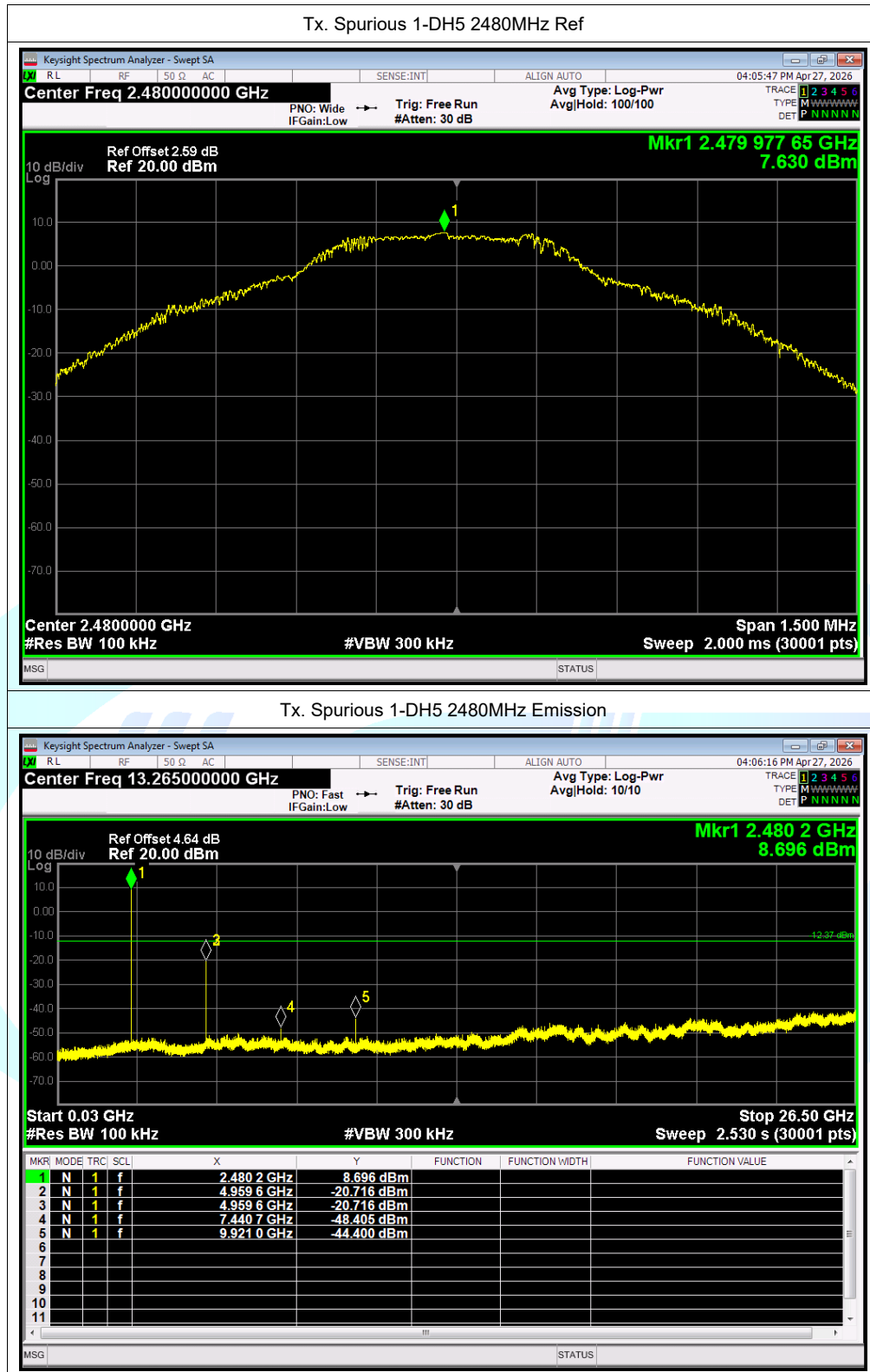


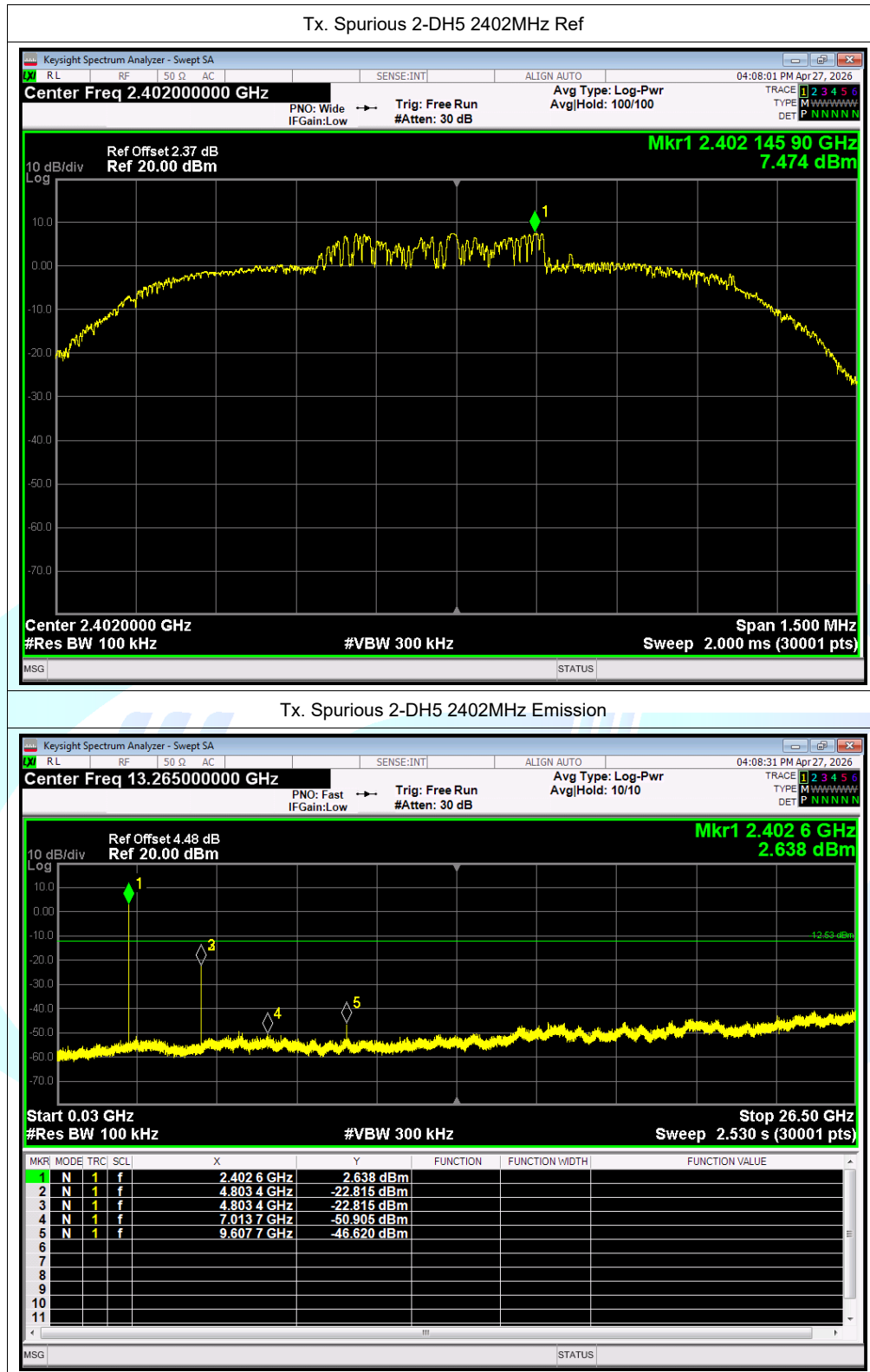
## Conducted RF Spurious Emission

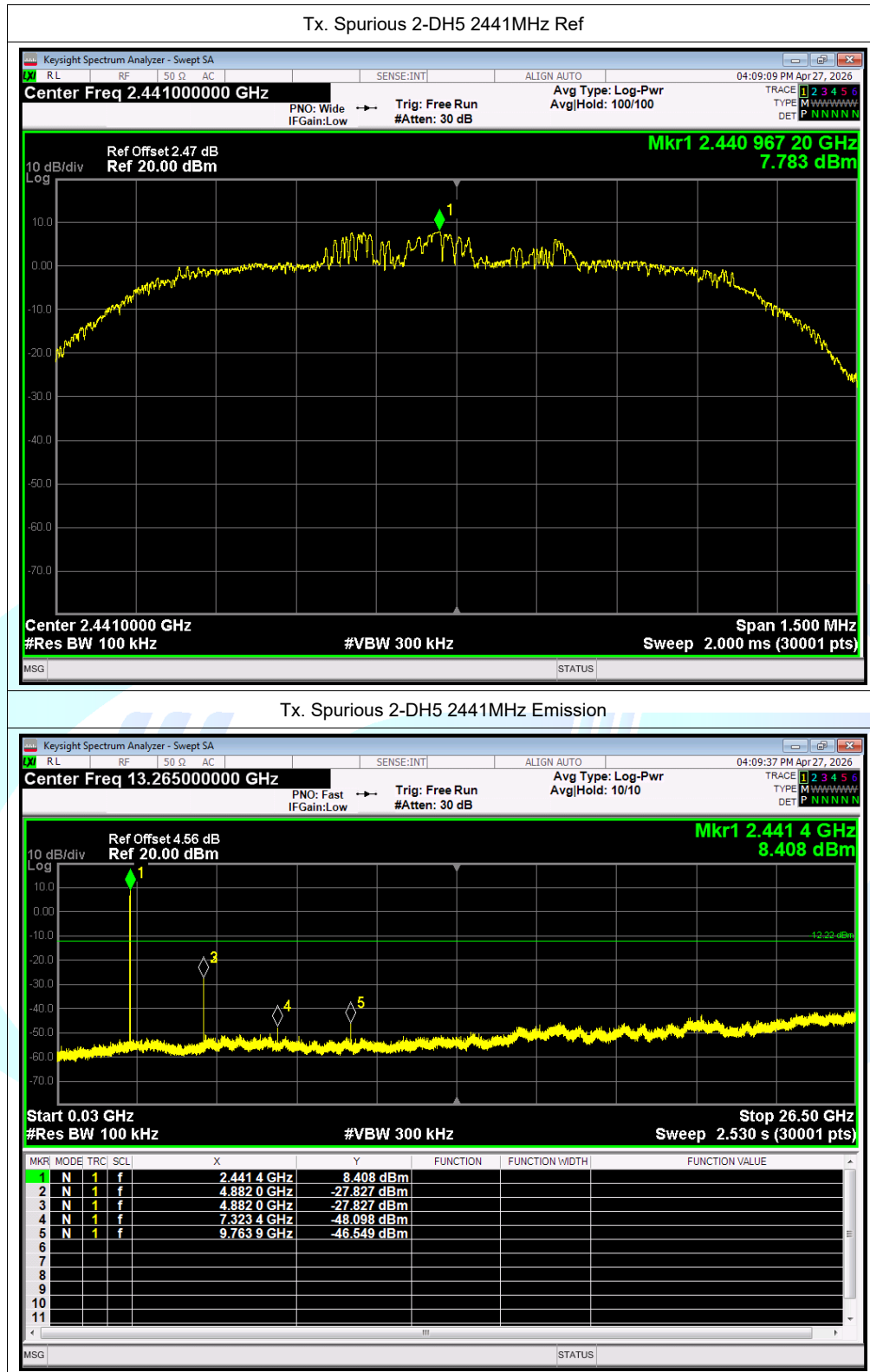
| Mode  | Frequency (MHz) | Max Value (dBc) | Limit (dBc) | Verdict |
|-------|-----------------|-----------------|-------------|---------|
| 1-DH5 | 2402            | -30.91          | -20         | Pass    |
|       | 2441            | -29.77          | -20         | Pass    |
|       | 2480            | -28.34          | -20         | Pass    |
| 2-DH5 | 2402            | -30.28          | -20         | Pass    |
|       | 2441            | -35.6           | -20         | Pass    |
|       | 2480            | -37.2           | -20         | Pass    |
| 3-DH5 | 2402            | -32.77          | -20         | Pass    |
|       | 2441            | -29.67          | -20         | Pass    |
|       | 2480            | -34.31          | -20         | Pass    |







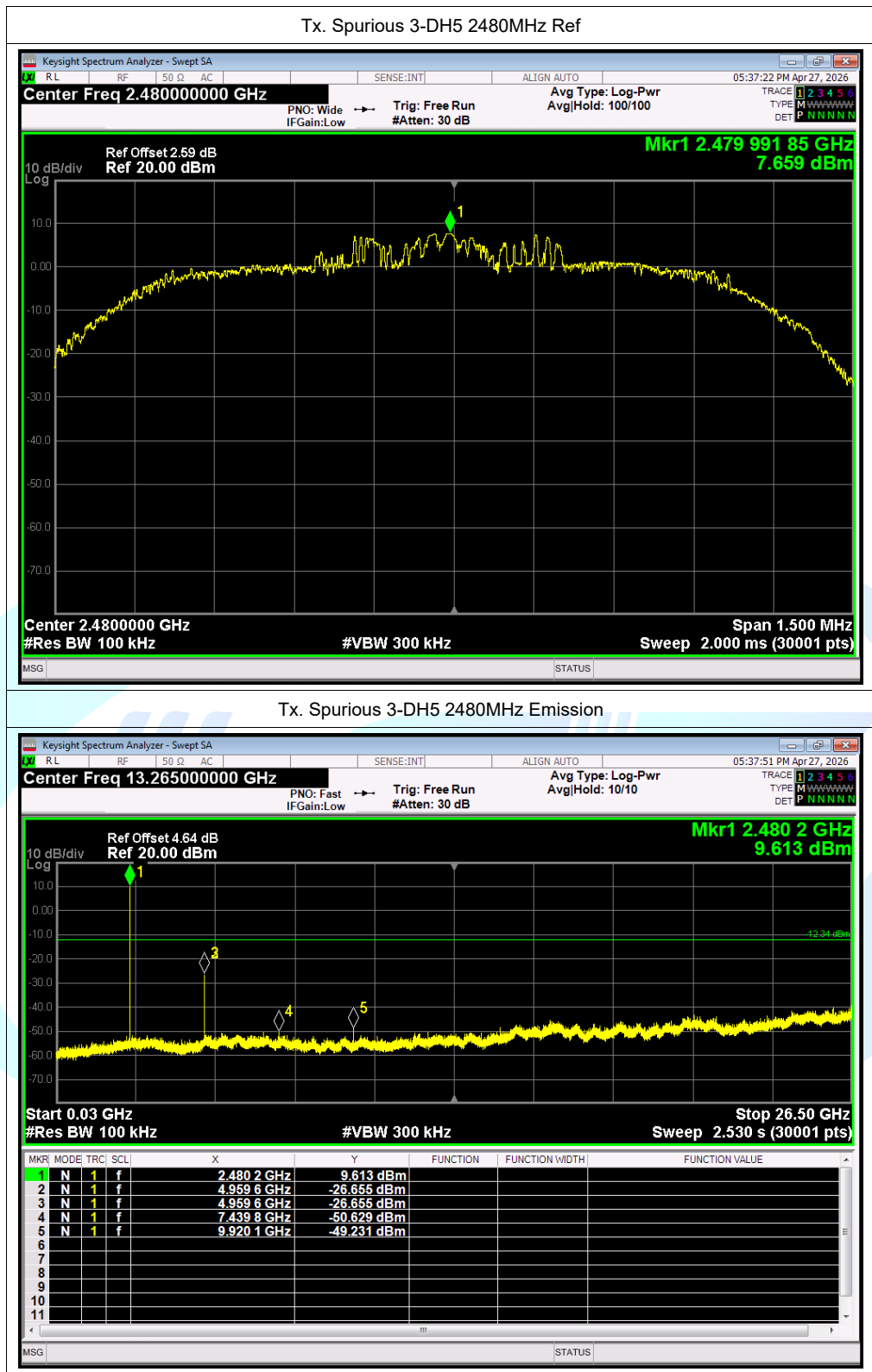












----AND----