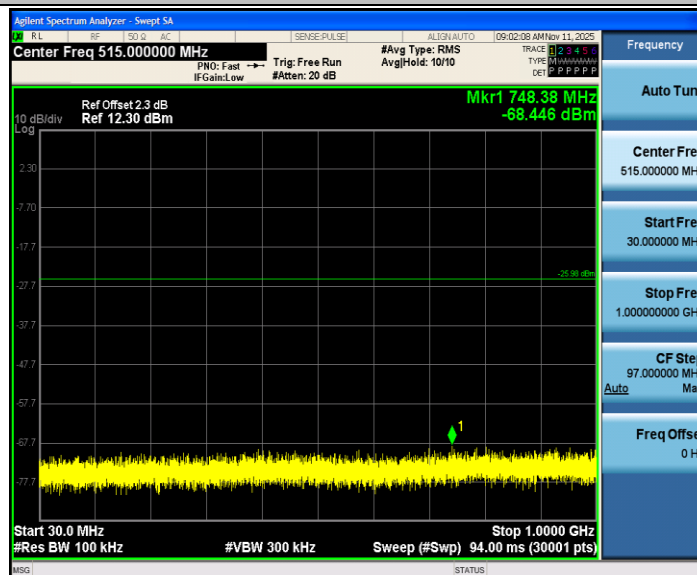
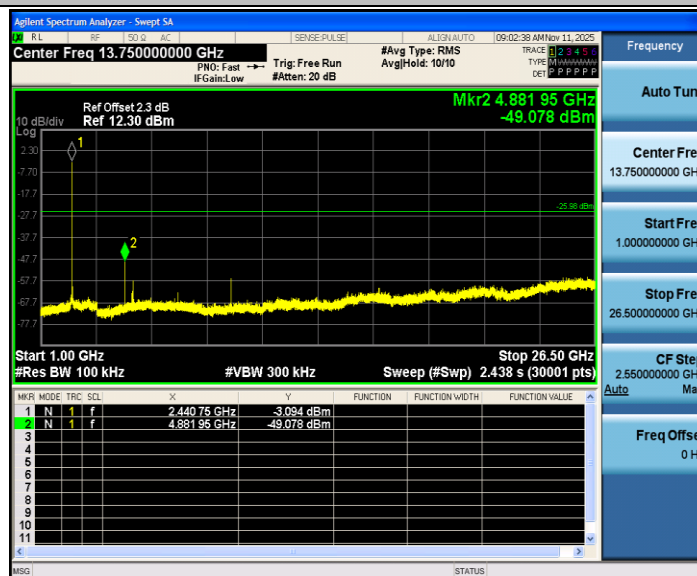




2DH5\_Ant1\_2441\_30~1000



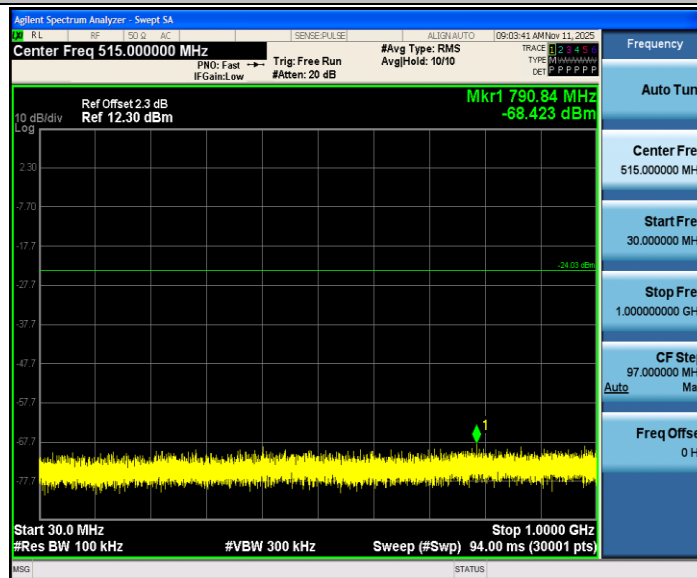
2DH5\_Ant1\_2441\_1000~26500



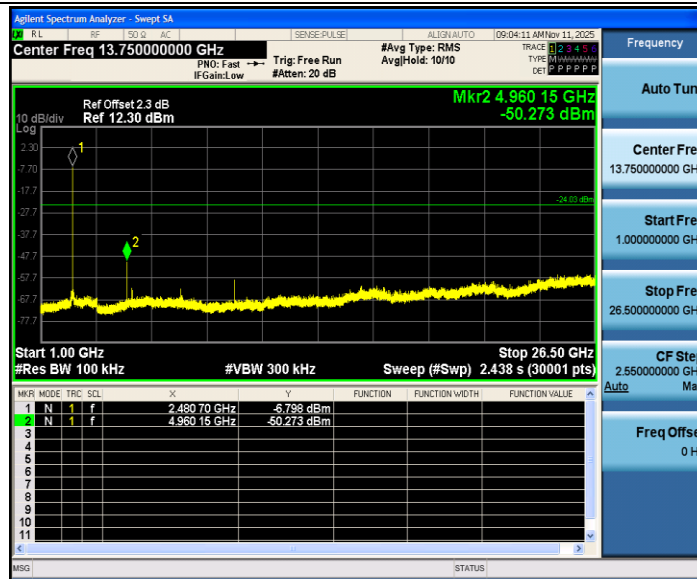
# 2DH5\_Ant1\_2480\_0~Reference



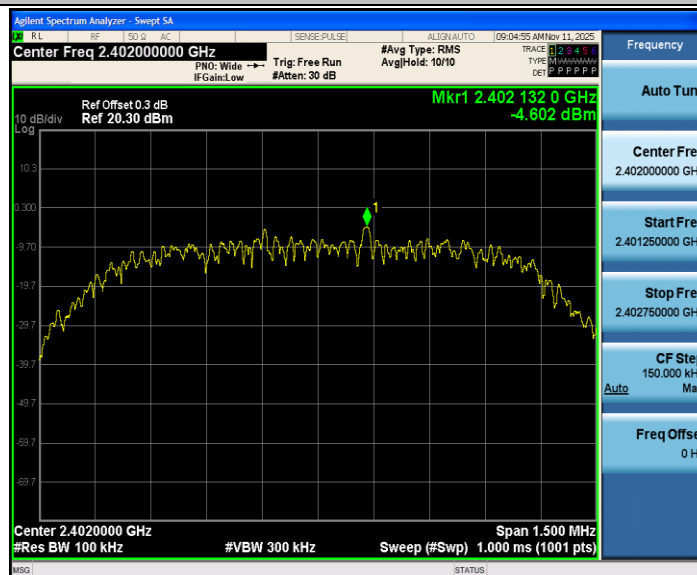
# 2DH5\_Ant1\_2480\_30~1000



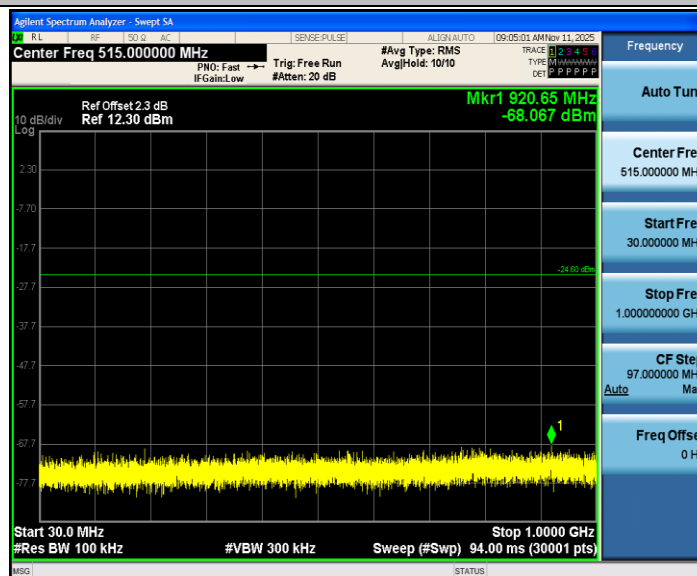
# 2DH5\_Ant1\_2480\_1000~26500



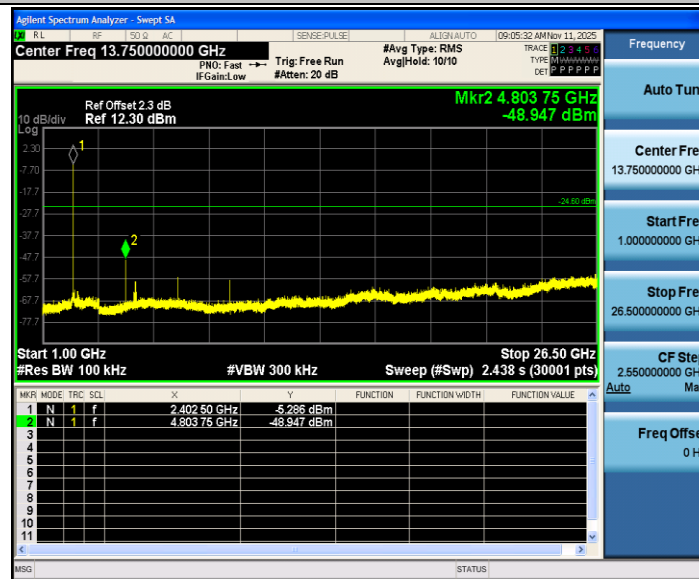
3DH5\_Ant1\_2402\_0~Reference



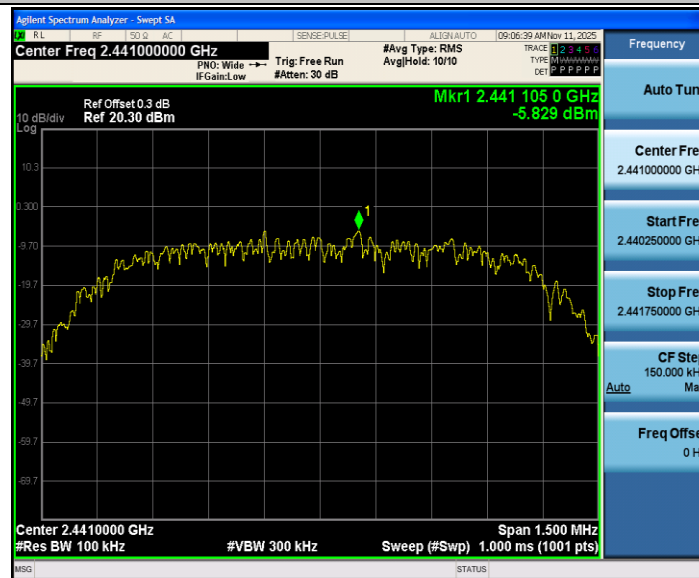
3DH5\_Ant1\_2402\_30~1000



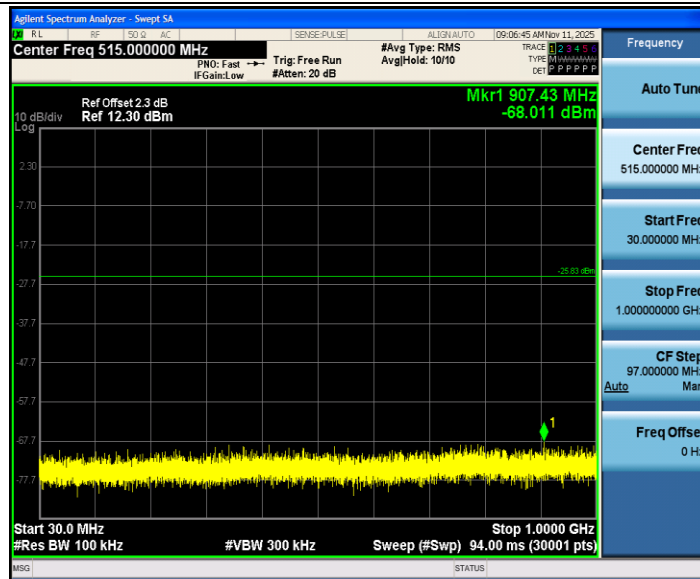
### 3DH5\_Ant1\_2402\_1000~26500



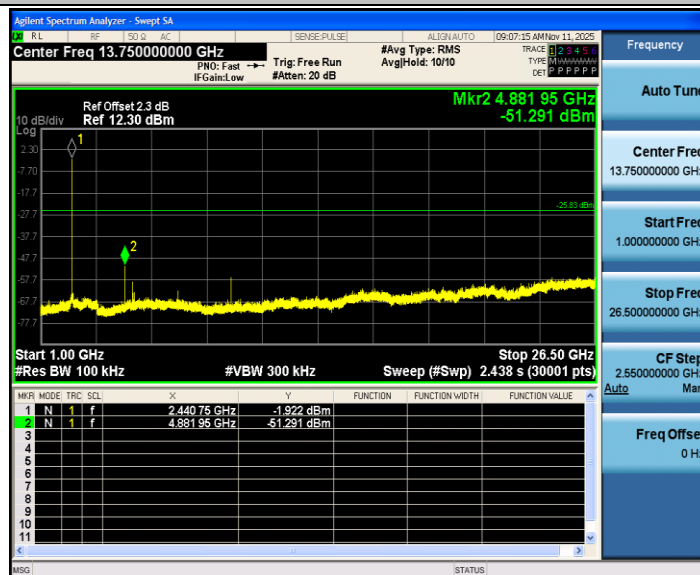
### 3DH5\_Ant1\_2441\_0~Reference



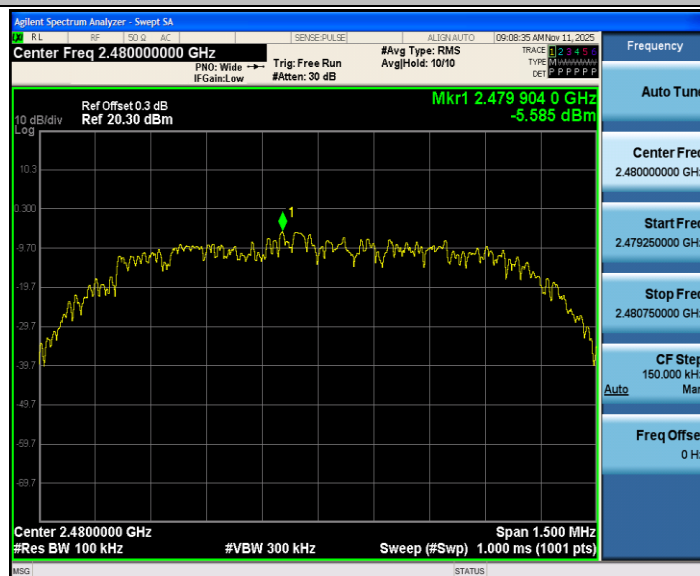
### 3DH5\_Ant1\_2441\_30~1000



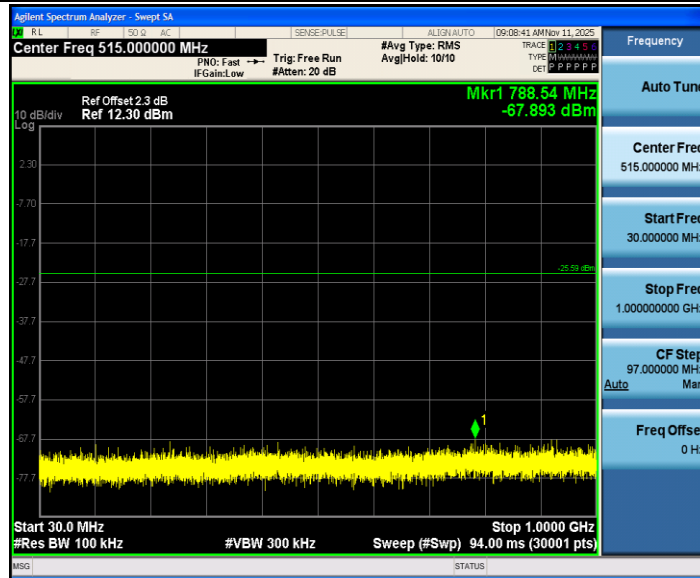
3DH5\_Ant1\_2441\_1000~26500



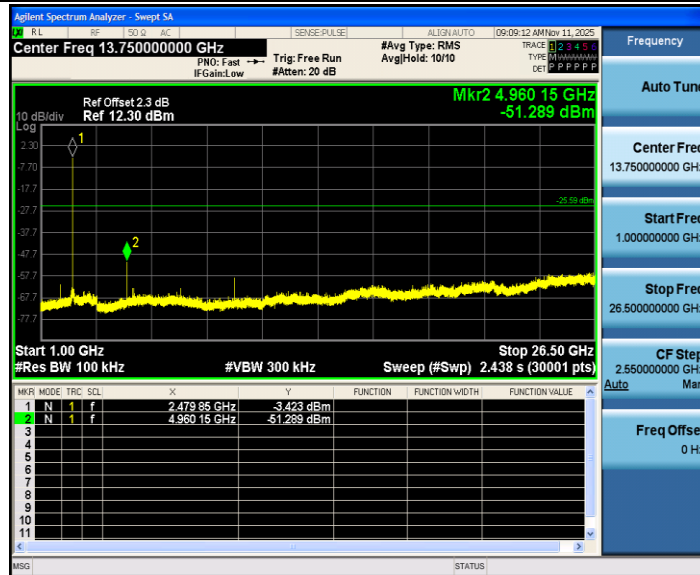
3DH5\_Ant1\_2480\_0~Reference



### 3DH5\_Ant1\_2480\_30~1000



### 3DH5\_Ant1\_2480\_1000~26500



## Appendix I: Duty Cycle

### Test Result

| TestMode | Antenna | Freq(MHz) | ON Time<br>[ms] | Period<br>[ms] | DC<br>[%] | xFactor | Limit | Verdict |
|----------|---------|-----------|-----------------|----------------|-----------|---------|-------|---------|
| DH5      | Ant1    | 2402      | 2.91            | 3.75           | 77.60     | 1.10    | ---   | ---     |
|          |         | 2441      | 2.92            | 3.75           | 77.87     | 1.09    | ---   | ---     |
|          |         | 2480      | 2.92            | 3.75           | 77.87     | 1.09    | ---   | ---     |
| 2DH5     | Ant1    | 2402      | 2.92            | 3.75           | 77.87     | 1.09    | ---   | ---     |
|          |         | 2441      | 2.92            | 3.75           | 77.87     | 1.09    | ---   | ---     |
|          |         | 2480      | 2.92            | 3.75           | 77.87     | 1.09    | ---   | ---     |
| 3DH5     | Ant1    | 2402      | 2.91            | 3.75           | 77.60     | 1.10    | ---   | ---     |
|          |         | 2441      | 2.91            | 3.75           | 77.60     | 1.10    | ---   | ---     |
|          |         | 2480      | 2.92            | 3.75           | 77.87     | 1.09    | ---   | ---     |

Agilent Spectrum Analyzer - Sweep SA

Center Freq 2.402000000 GHz

Ref Offset 0.3 dB  
Ref 20.00 dBm

Trig Delay: 200.0  $\mu$ s  
Trig: Video  
#Atten: 30 dB

Trig Delay: 200.0  $\mu$ s  
Trig: Video  
#Avg Type: RMS

Trace 1: 2 3 4 5 6  
Type: WWWWWWWW  
Det: P P P P P P

Frequency

Auto Tune

Center Freq  
2.402000000 GHz

Start Freq  
2.402000000 GHz

Stop Freq  
2.402000000 GHz

CF Step  
8.000000 MHz  
Auto Man

Freq Offset  
0 Hz

Center 2.402000000 GHz  
Res BW 8 MHz  
#VBW 8.0 MHz  
Sweep 5.000 ms (1001 pts)

Span 0 Hz

Log

10 dB/div

Ref Offset 0.3 dB  
Ref 20.00 dBm

$\Delta$ Mkr3 3.750 ms  
-0.17 dB

1

2 $\Delta$ 1

3 $\Delta$ 1

Center 2.402000000 GHz  
Res BW 8 MHz  
#VBW 8.0 MHz  
Sweep 5.000 ms (1001 pts)

| MNR | MODE       | TRIG | SCL | X             | Y            | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE |
|-----|------------|------|-----|---------------|--------------|----------|----------------|----------------|
| 1   | N          | 1    | t   | 180.0 $\mu$ s | -17.95 dBm   |          |                |                |
| 2   | $\Delta$ 1 | 1    | t   | (A)           | 2.910 ms (A) | 17.85 dB |                |                |
| 3   | $\Delta$ 1 | 1    | t   | (A)           | 3.750 ms (A) | -0.17 dB |                |                |

MSG

STATUS

Center Freq 2.441000000 GHz

Ref Offset 0.3 dB  
Ref 20.00 dBm

Trig Delay: 200.0  $\mu$ s  
Trig: Video  
#Atten: 30 dB

Trig Delay: 200.0  $\mu$ s  
Trig: Video  
#Avg Type: RMS

Trace 1: 2 3 4 5 6  
Type: WWWWWWWW  
Det: P P P P P P

Frequency

Auto Tune

Center Freq  
2.441000000 GHz

Start Freq  
2.441000000 GHz

Stop Freq  
2.441000000 GHz

CF Step  
8.000000 MHz  
Auto Man

Freq Offset  
0 Hz

Center 2.441000000 GHz  
Res BW 8 MHz  
#VBW 8.0 MHz  
Sweep 5.000 ms (1001 pts)

Span 0 Hz

Log

10 dB/div

Ref Offset 0.3 dB  
Ref 20.00 dBm

$\Delta$ Mkr3 3.750 ms  
-0.08 dB

1

2 $\Delta$ 1

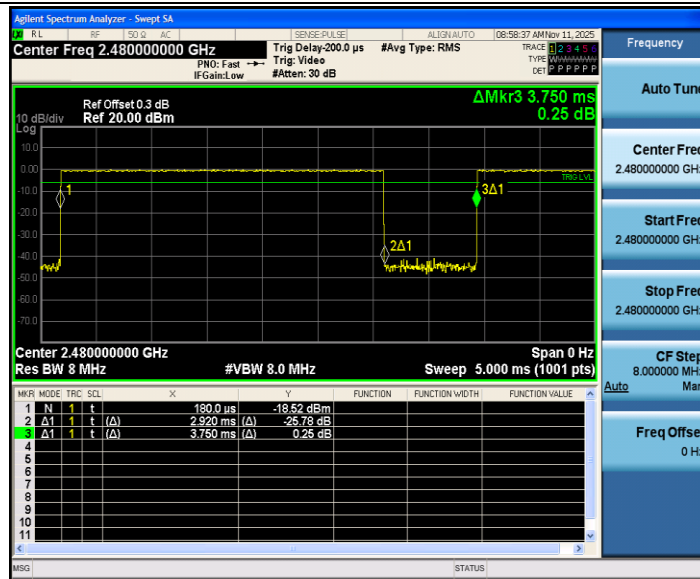
3 $\Delta$ 1

Center 2.441000000 GHz  
Res BW 8 MHz  
#VBW 8.0 MHz  
Sweep 5.000 ms (1001 pts)

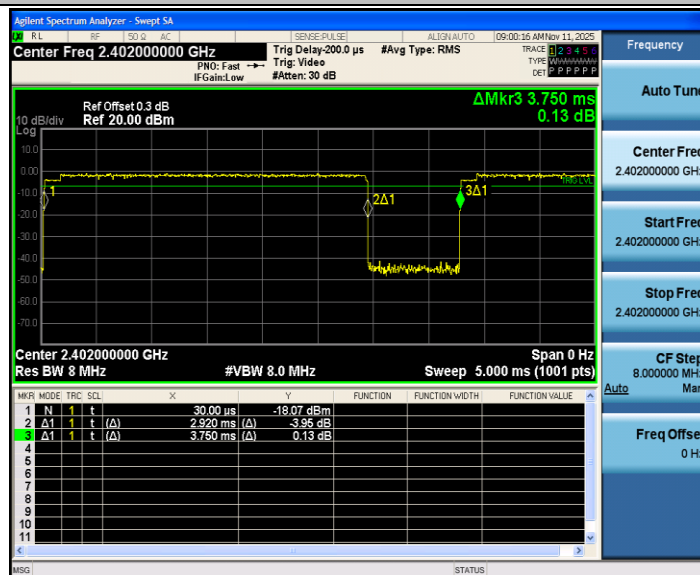
| MNR | MODE       | TRIG | SCL | X             | Y            | FUNCTION  | FUNCTION WIDTH | FUNCTION VALUE |
|-----|------------|------|-----|---------------|--------------|-----------|----------------|----------------|
| 1   | N          | 1    | t   | 180.0 $\mu$ s | -22.61 dBm   |           |                |                |
| 2   | $\Delta$ 1 | 1    | t   | (A)           | 2.920 ms (A) | -22.32 dB |                |                |
| 3   | $\Delta$ 1 | 1    | t   | (A)           | 3.750 ms (A) | -0.08 dB  |                |                |

MSG

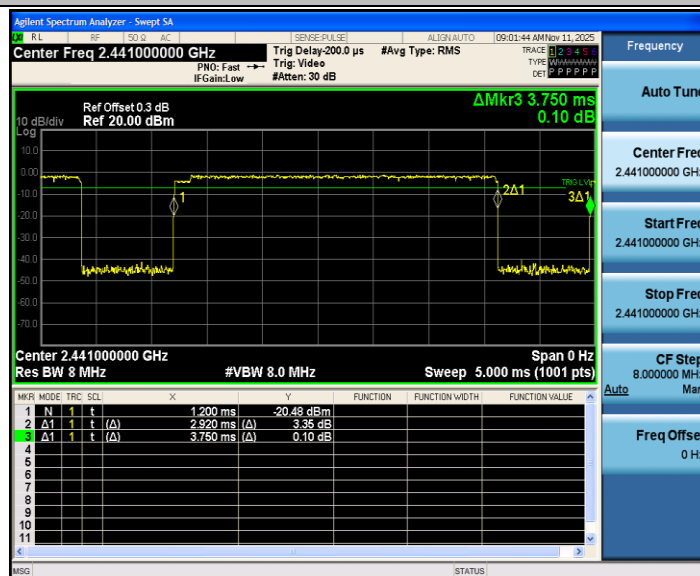
STATUS



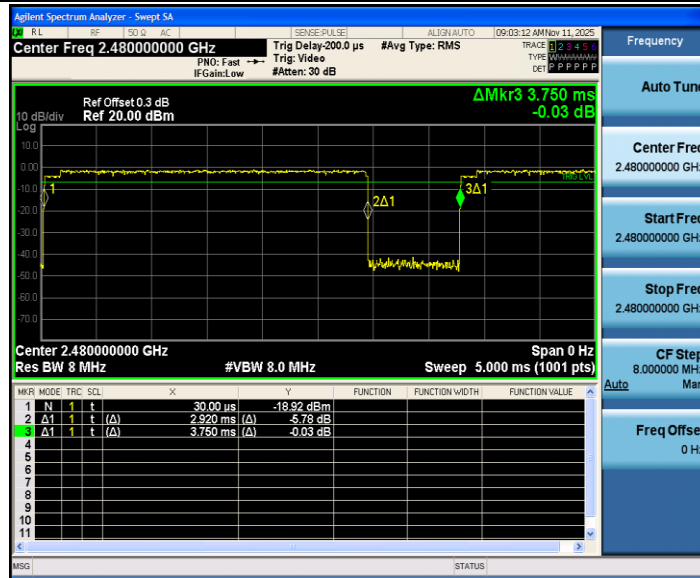
2DH5\_Ant1\_2402



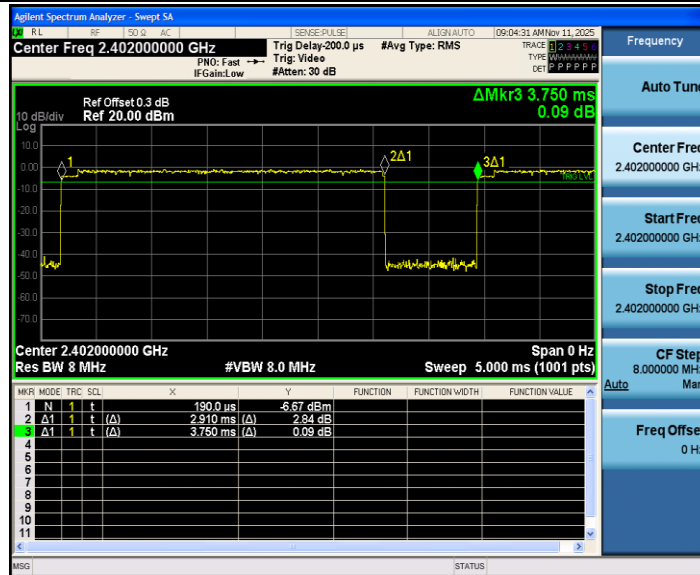
2DH5\_Ant1\_2441



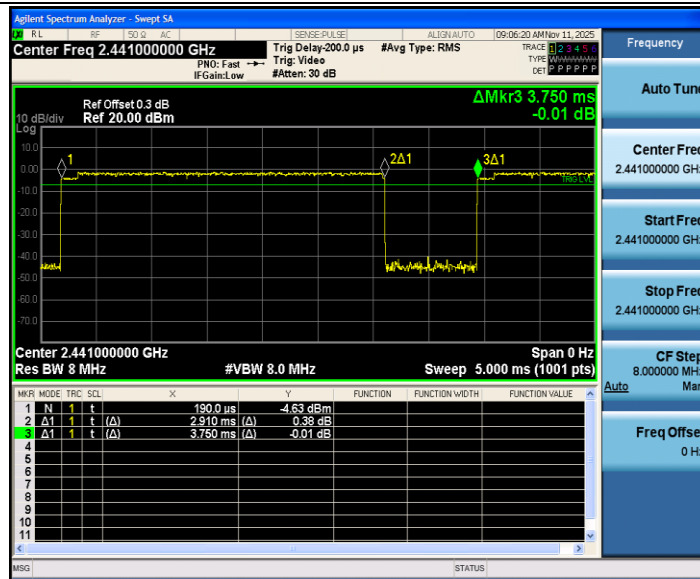
# 2DH5\_Ant1\_2480



# 3DH5\_Ant1\_2402



# 3DH5\_Ant1\_2441



3DH5\_Ant1\_2480

