

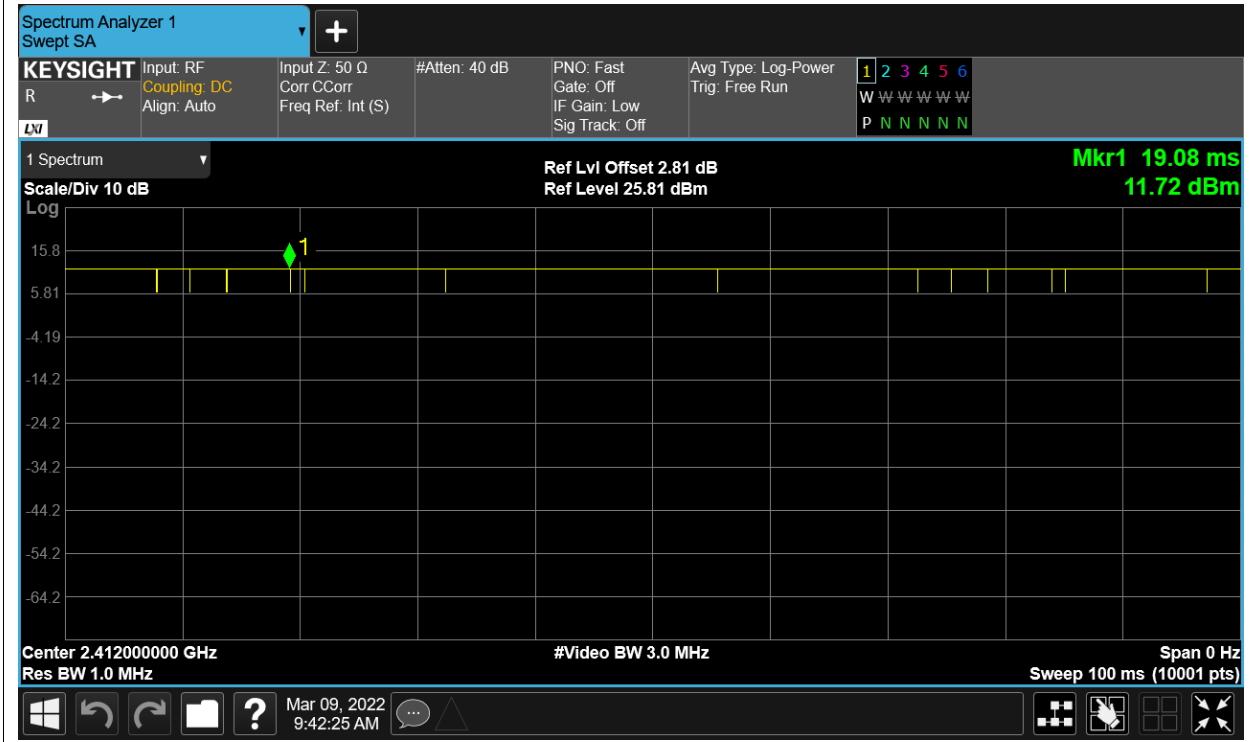
## Test Data

### Duty Cycle

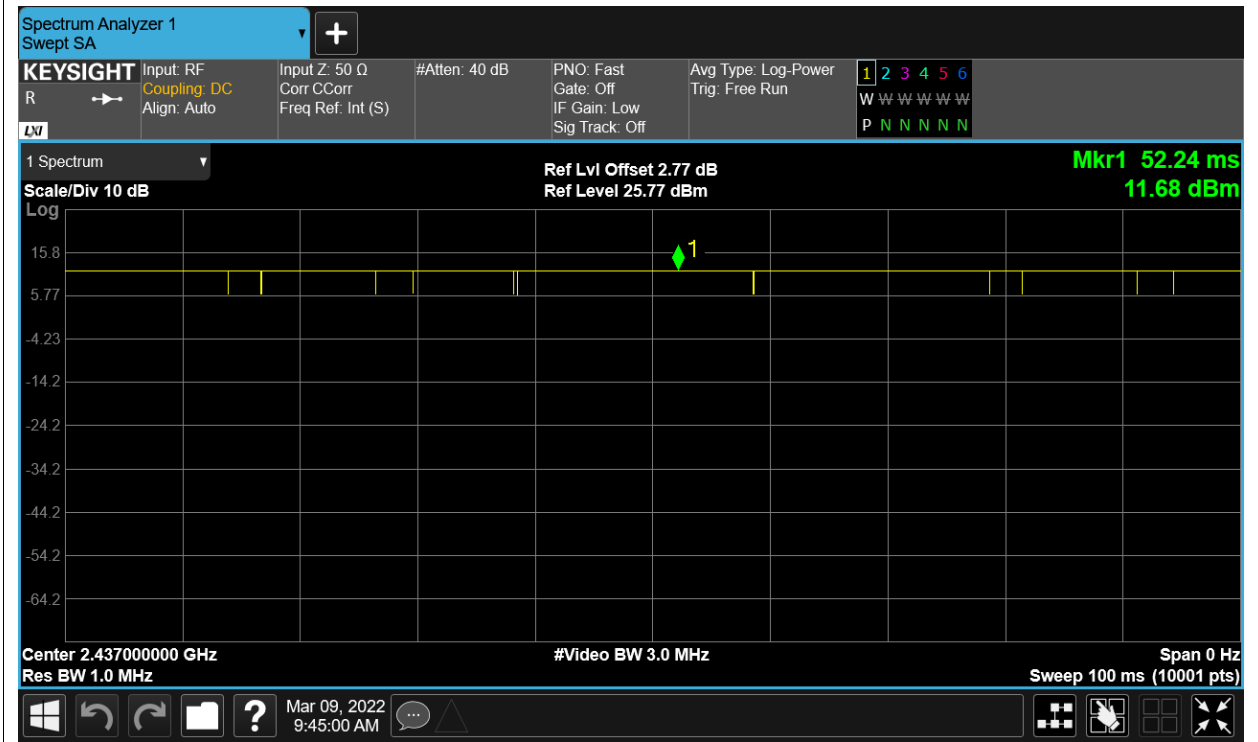
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|---------|----------------|------------------------|
| NVNT      | b    | 2412            | Ant1    | 100            | 0                      |
| NVNT      | b    | 2437            | Ant1    | 100            | 0                      |
| NVNT      | b    | 2462            | Ant1    | 100            | 0                      |
| NVNT      | g    | 2412            | Ant1    | 100            | 0                      |
| NVNT      | g    | 2437            | Ant1    | 100            | 0                      |
| NVNT      | g    | 2462            | Ant1    | 100            | 0                      |
| NVNT      | n20  | 2412            | Ant1    | 100            | 0                      |
| NVNT      | n20  | 2437            | Ant1    | 100            | 0                      |
| NVNT      | n20  | 2462            | Ant1    | 100            | 0                      |
| NVNT      | n40  | 2422            | Ant1    | 100            | 0                      |
| NVNT      | n40  | 2437            | Ant1    | 100            | 0                      |
| NVNT      | n40  | 2452            | Ant1    | 100            | 0                      |

Test Graphs

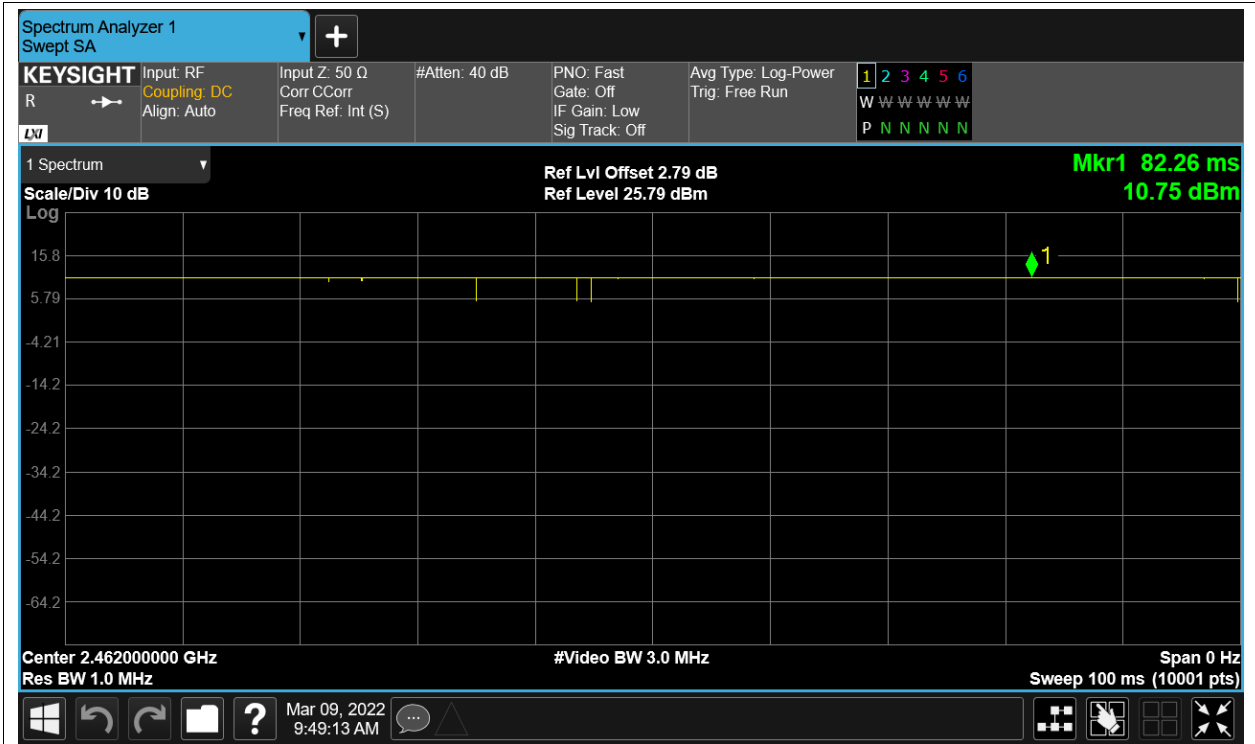
Duty Cycle NVNT b 2412MHz Ant1



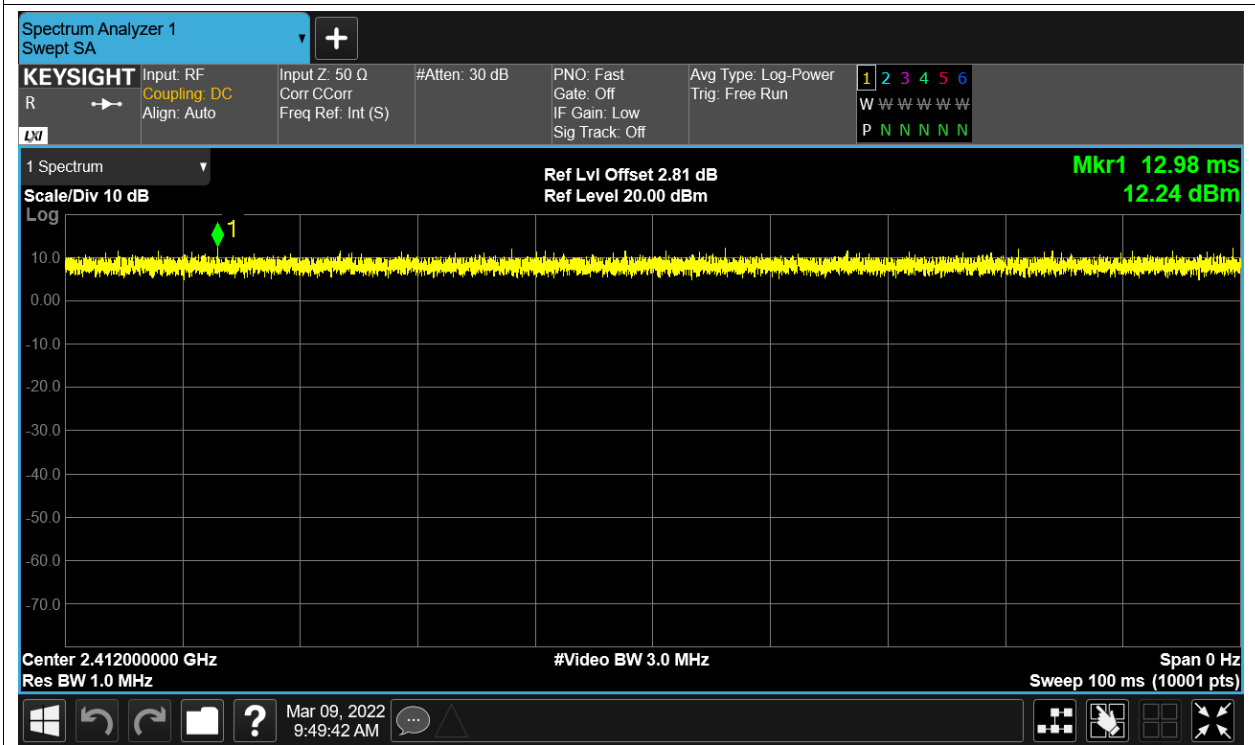
Duty Cycle NVNT b 2437MHz Ant1



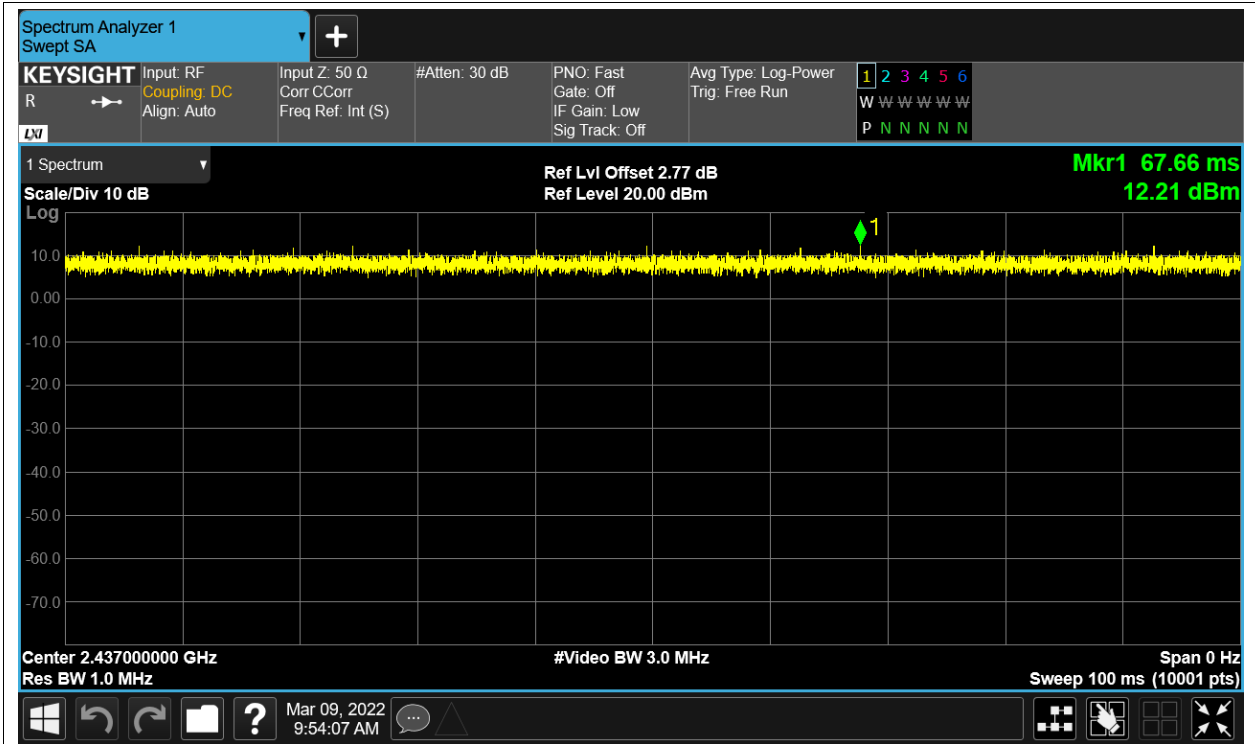
Duty Cycle NVNT b 2462MHz Ant1



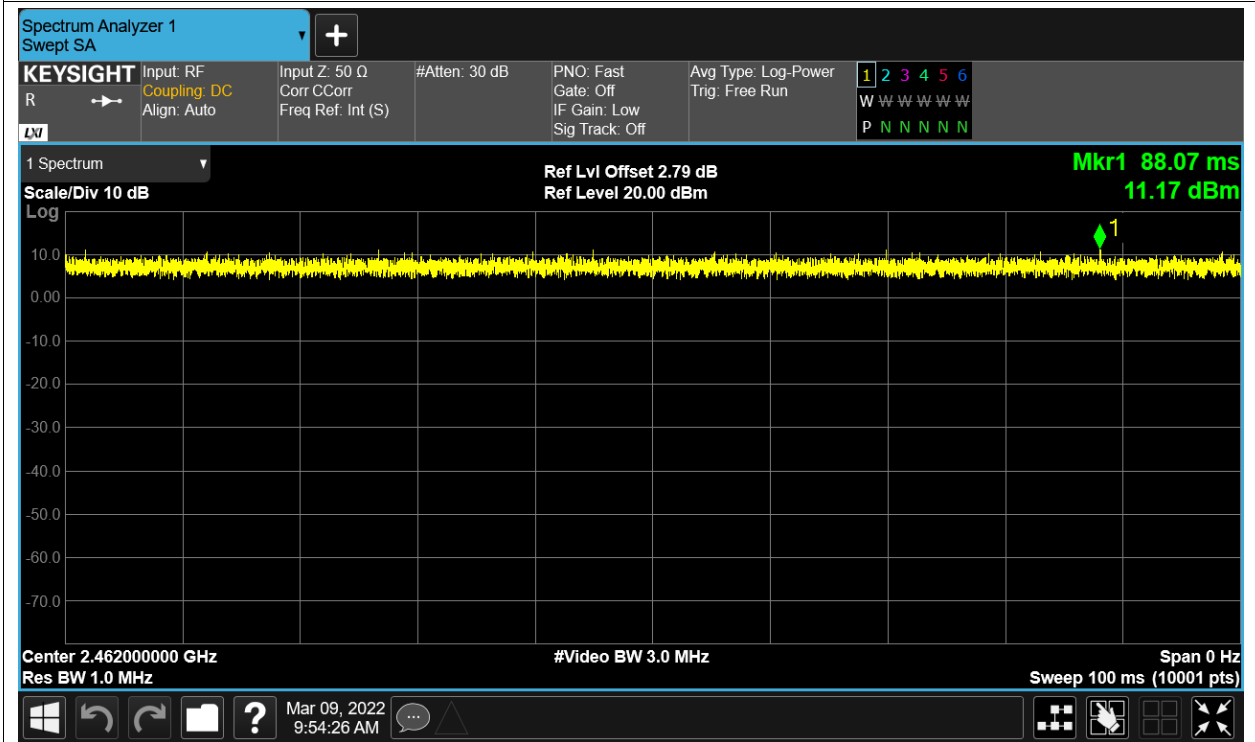
Duty Cycle NVNT g 2412MHz Ant1



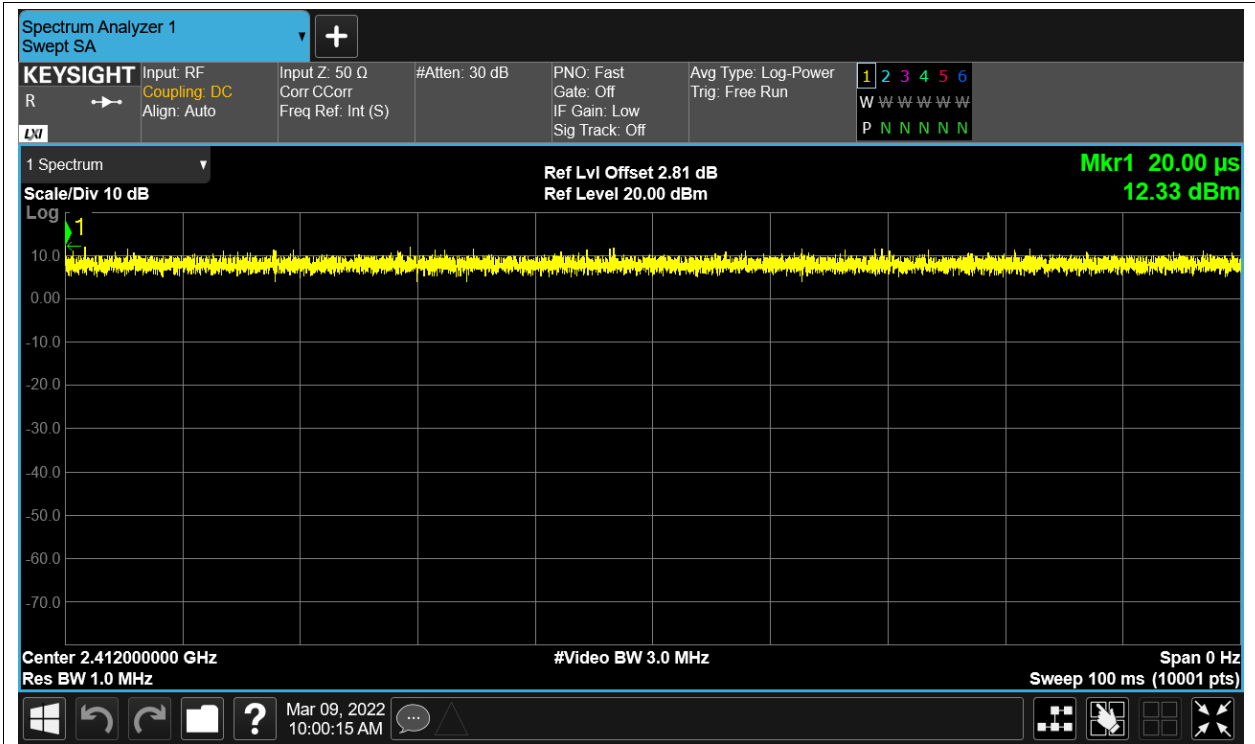
Duty Cycle NVNT g 2437MHz Ant1



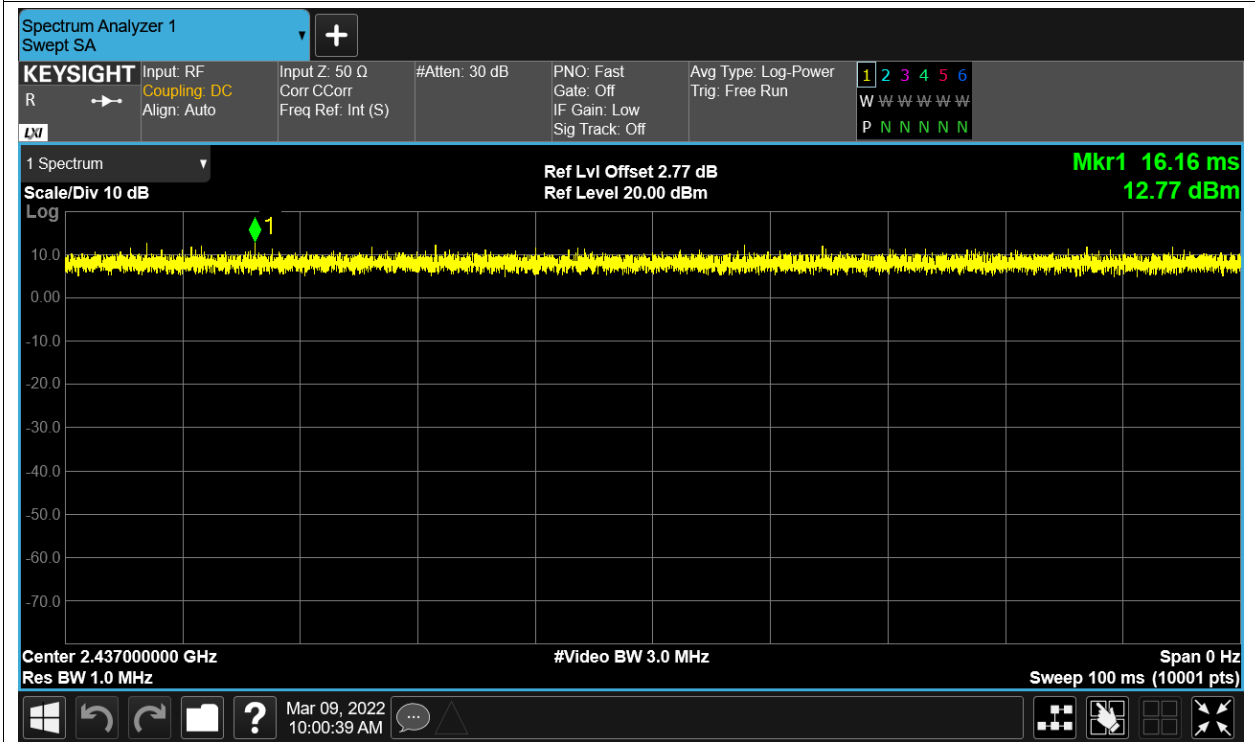
Duty Cycle NVNT g 2462MHz Ant1



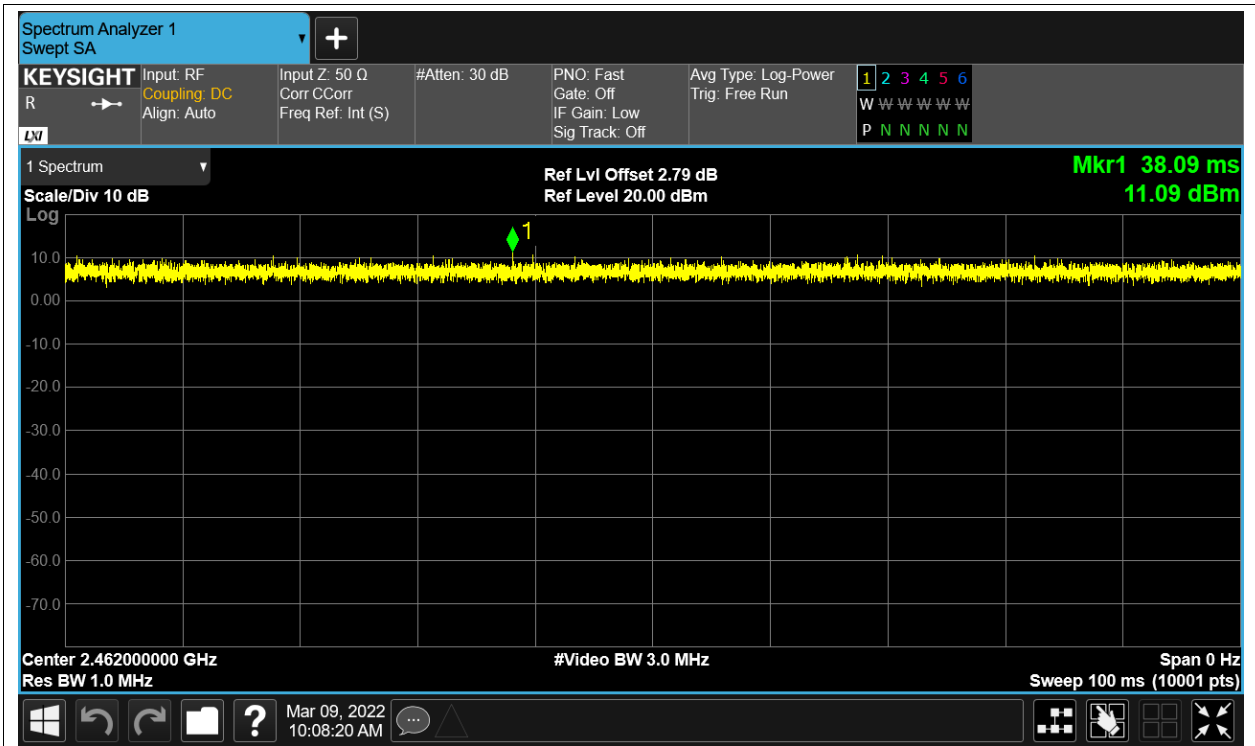
Duty Cycle NVNT n20 2412MHz Ant1



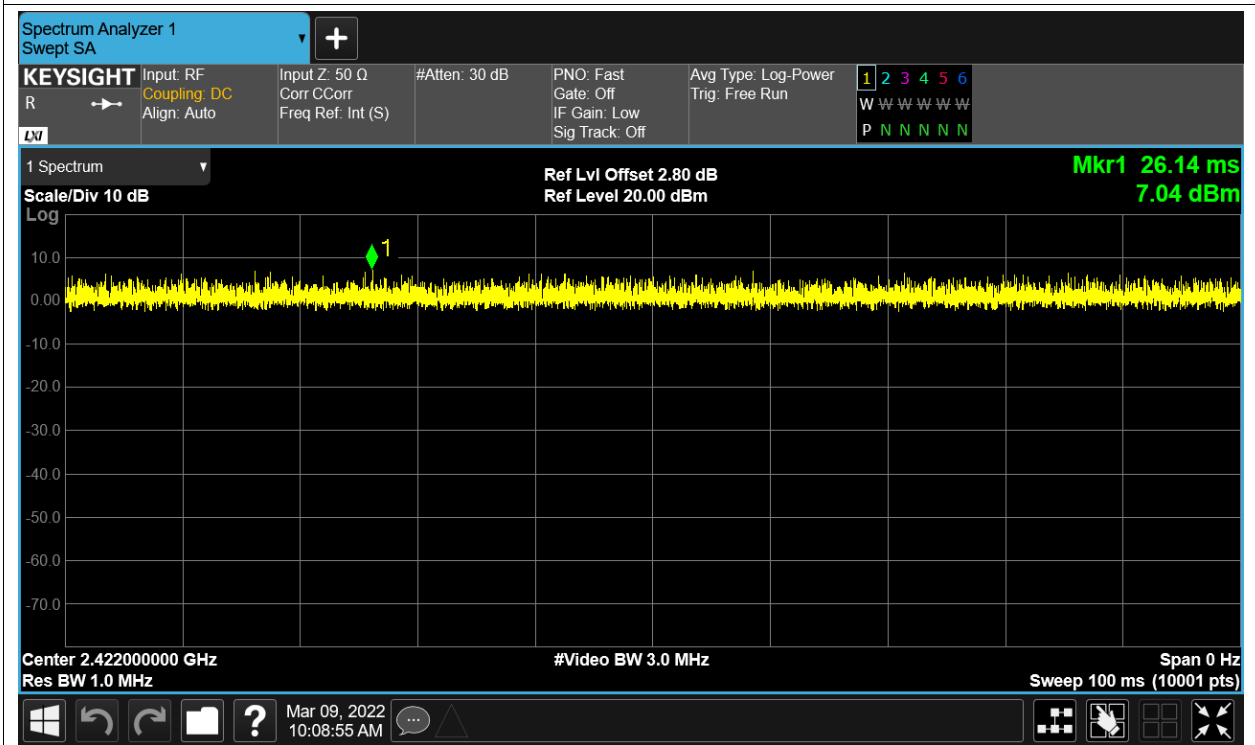
Duty Cycle NVNT n20 2437MHz Ant1



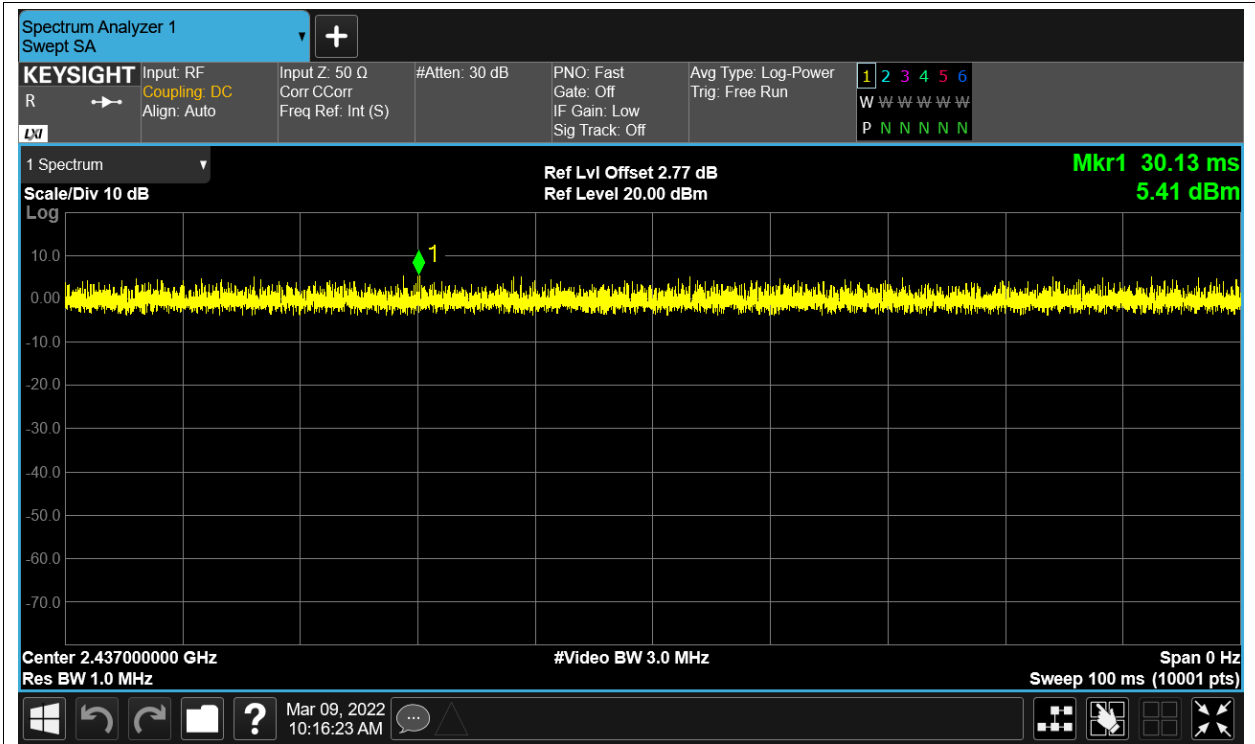
Duty Cycle NVNT n20 2462MHz Ant1



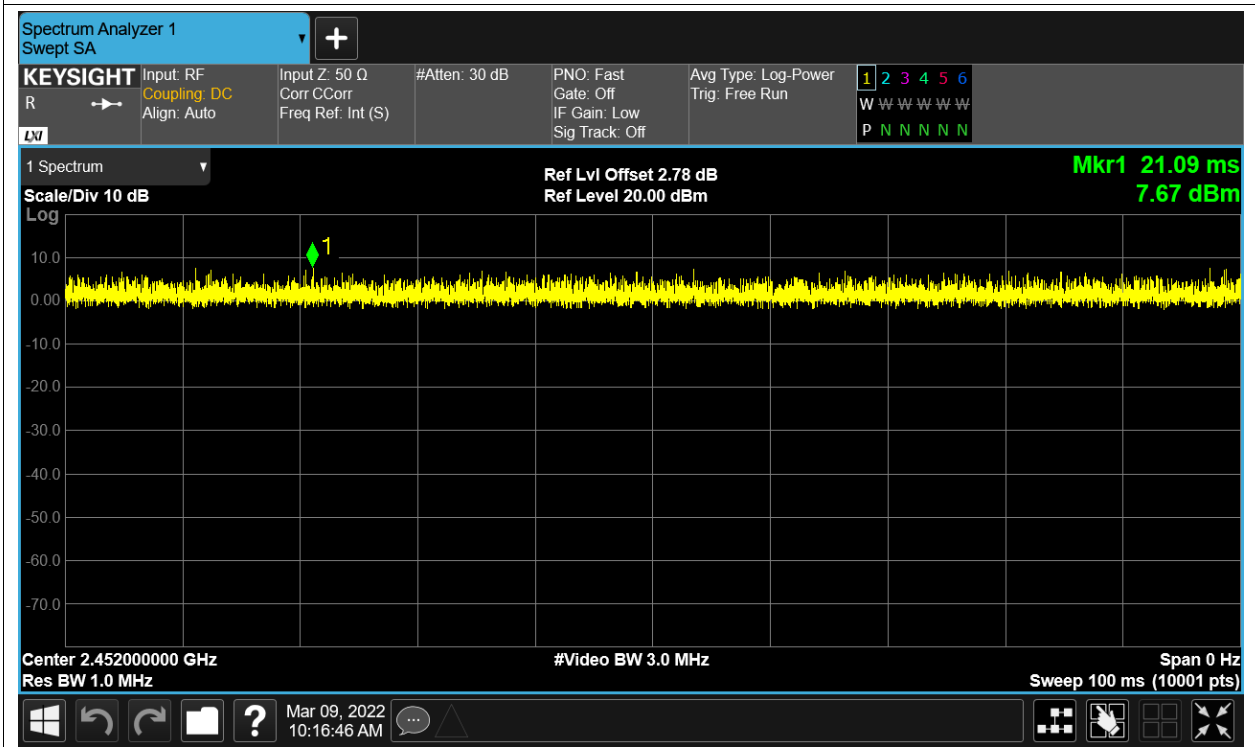
Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



Duty Cycle NVNT n40 2452MHz Ant1



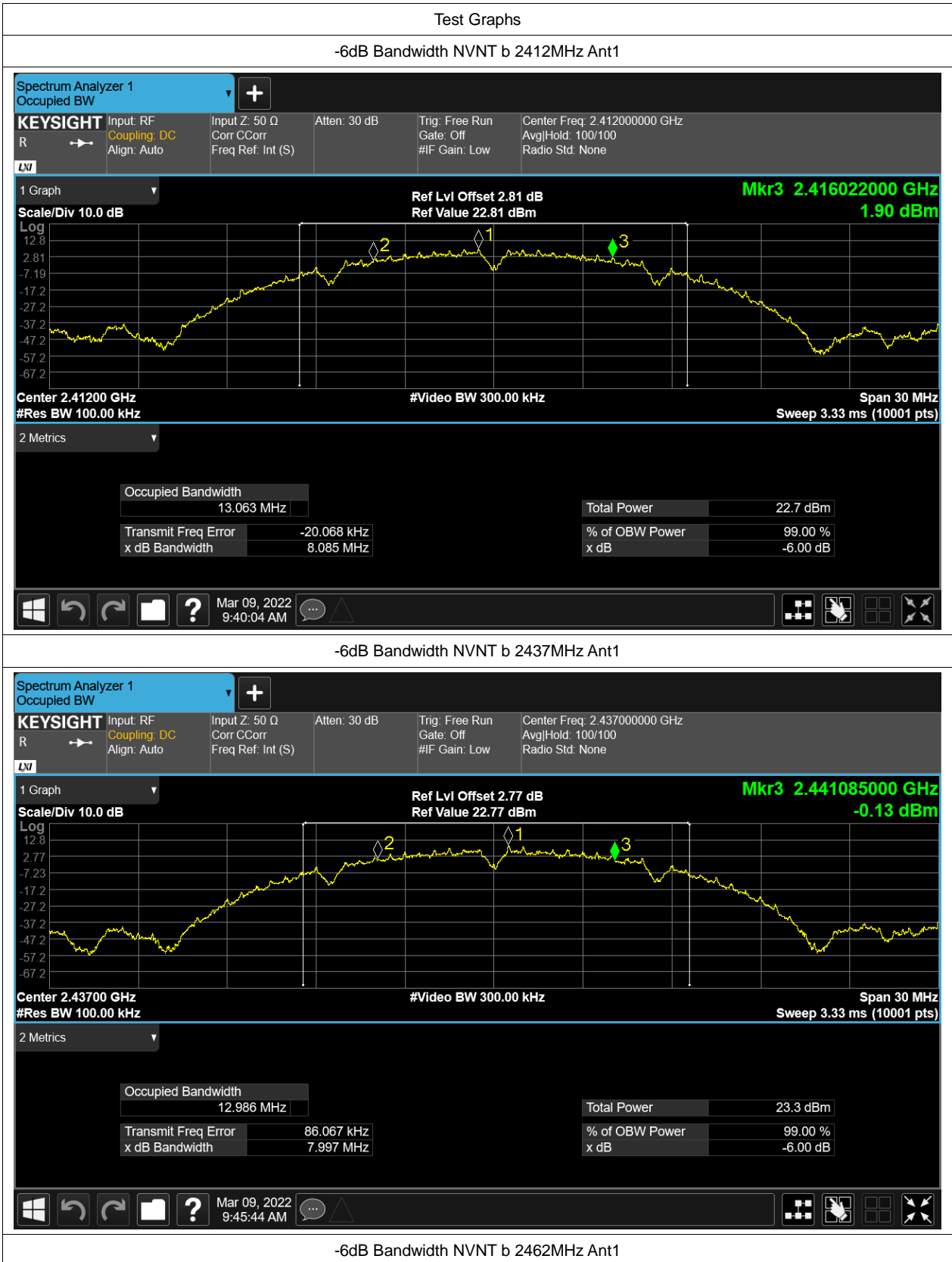
## Maximum Conducted Output Power

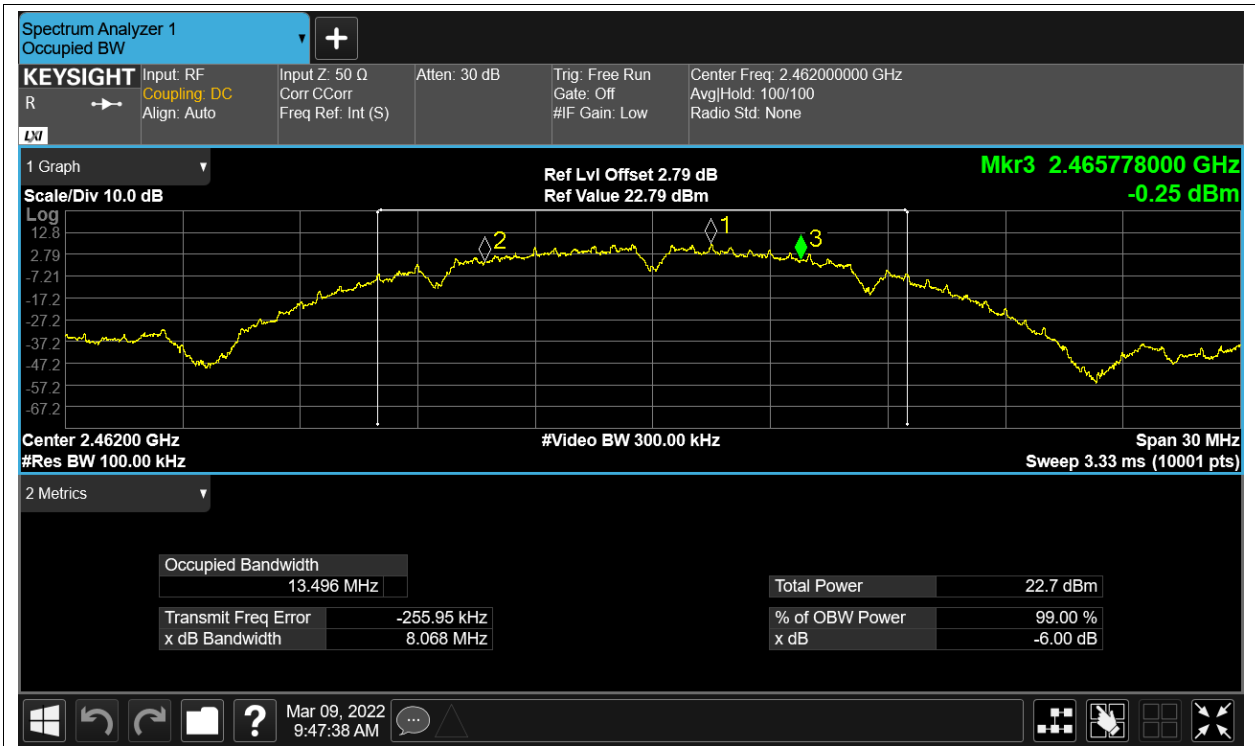
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | 16.64                 | 0                | 16.64             | 30          | Pass    |
| NVNT      | b    | 2437            | Ant1    | 16.43                 | 0                | 16.43             | 30          | Pass    |
| NVNT      | b    | 2462            | Ant1    | 15.91                 | 0                | 15.91             | 30          | Pass    |
| NVNT      | g    | 2412            | Ant1    | 14.95                 | 0                | 14.95             | 30          | Pass    |
| NVNT      | g    | 2437            | Ant1    | 14.32                 | 0                | 14.32             | 30          | Pass    |
| NVNT      | g    | 2462            | Ant1    | 13.97                 | 0                | 13.97             | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 14.67                 | 0                | 14.67             | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 14.17                 | 0                | 14.17             | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 13.64                 | 0                | 13.64             | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 14.52                 | 0                | 14.52             | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 13.33                 | 0                | 13.33             | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 13.3                  | 0                | 13.3              | 30          | Pass    |



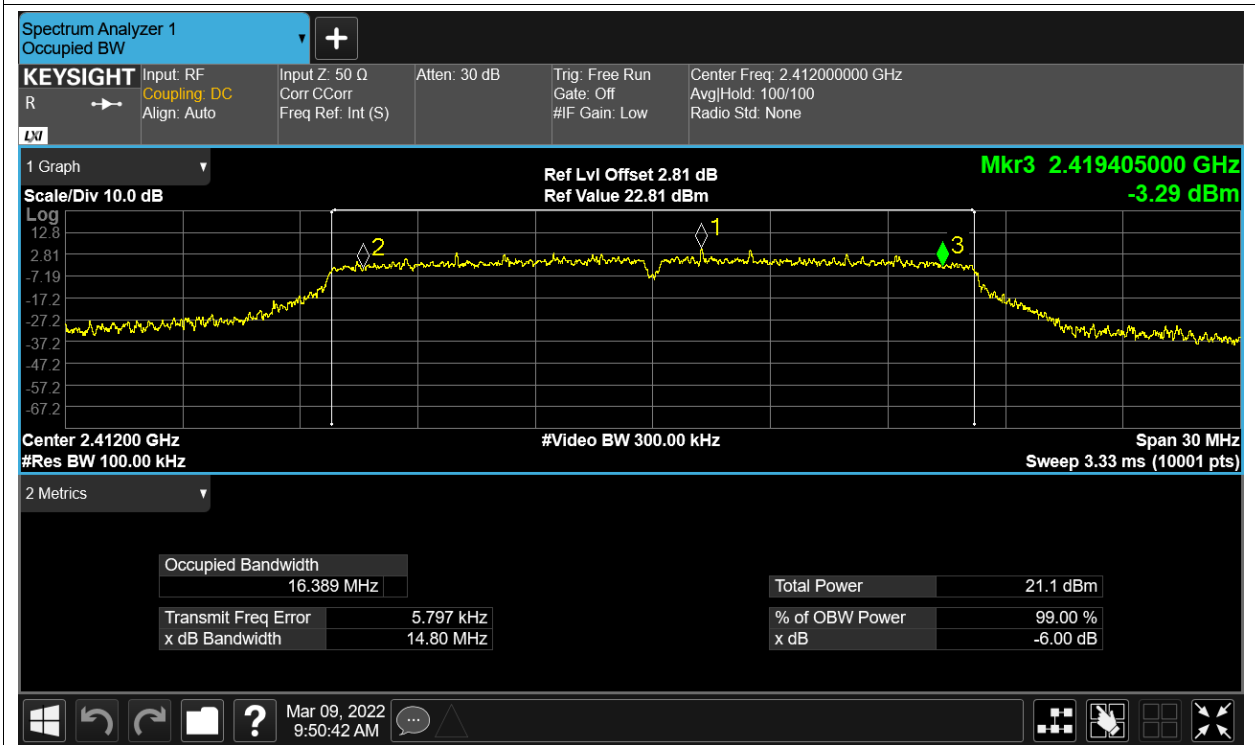
## -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | b    | 2412            | Ant1    | 8.085                 | 0.5                         | Pass    |
| NVNT      | b    | 2437            | Ant1    | 7.997                 | 0.5                         | Pass    |
| NVNT      | b    | 2462            | Ant1    | 8.068                 | 0.5                         | Pass    |
| NVNT      | g    | 2412            | Ant1    | 14.798                | 0.5                         | Pass    |
| NVNT      | g    | 2437            | Ant1    | 14.186                | 0.5                         | Pass    |
| NVNT      | g    | 2462            | Ant1    | 15.898                | 0.5                         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 16.121                | 0.5                         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 15.061                | 0.5                         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 16.296                | 0.5                         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 35.148                | 0.5                         | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 35.091                | 0.5                         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 27.537                | 0.5                         | Pass    |

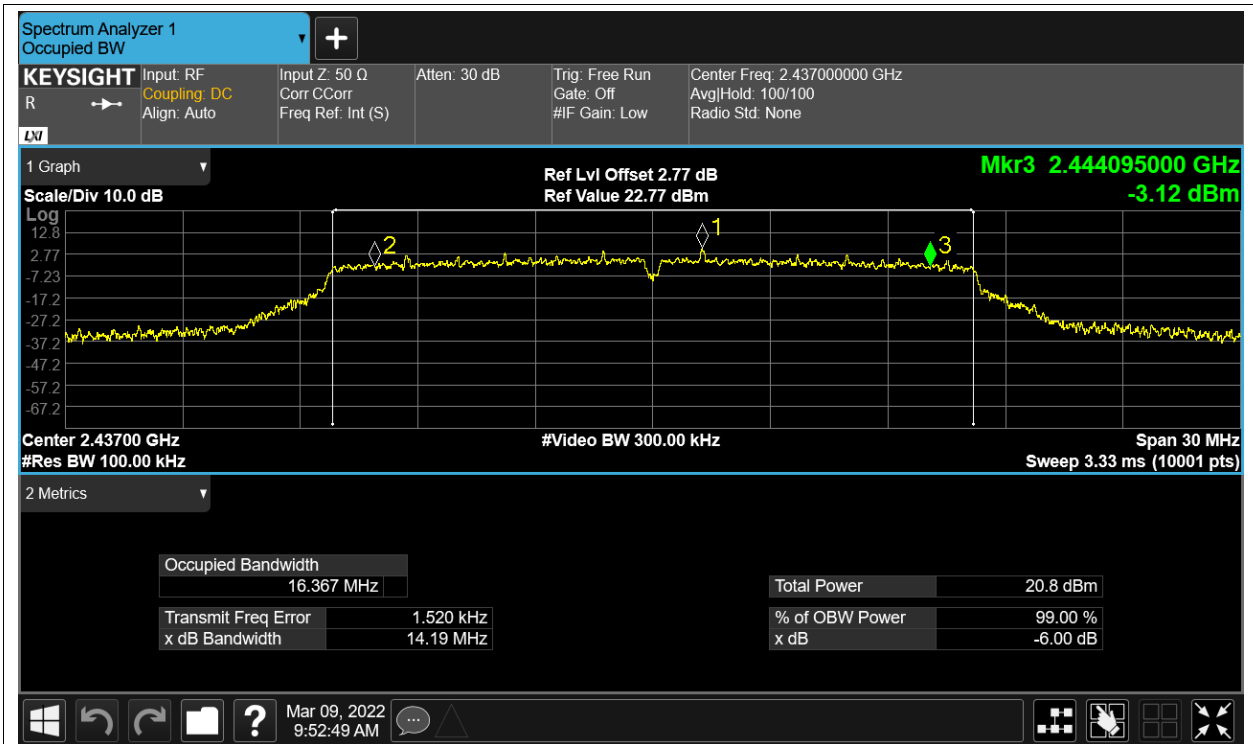




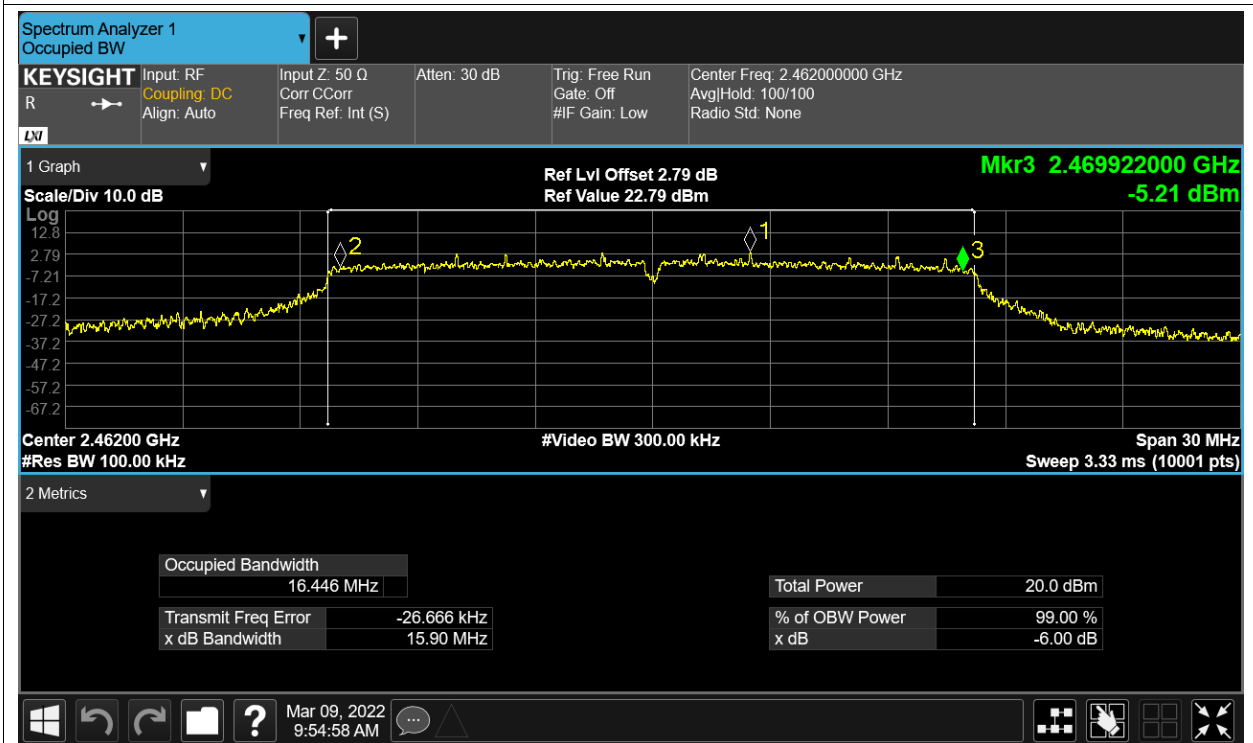
-6dB Bandwidth NVNT g 2412MHz Ant1



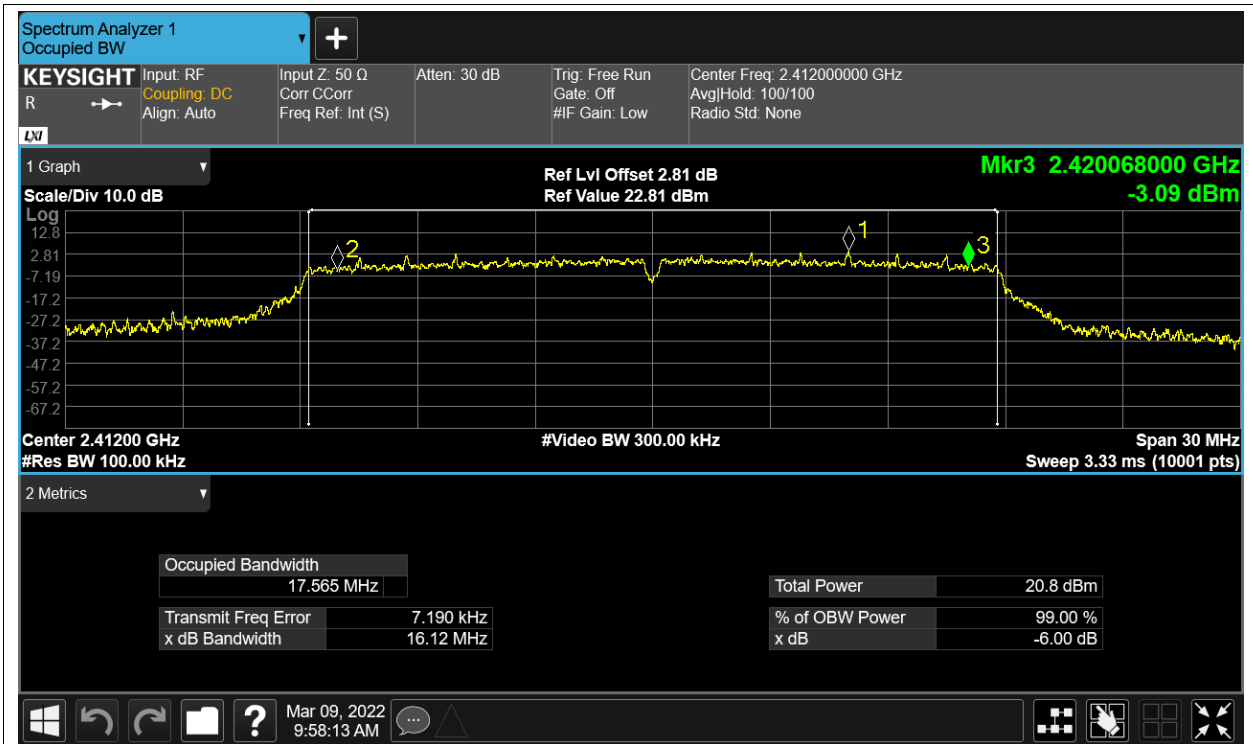
-6dB Bandwidth NVNT g 2437MHz Ant1



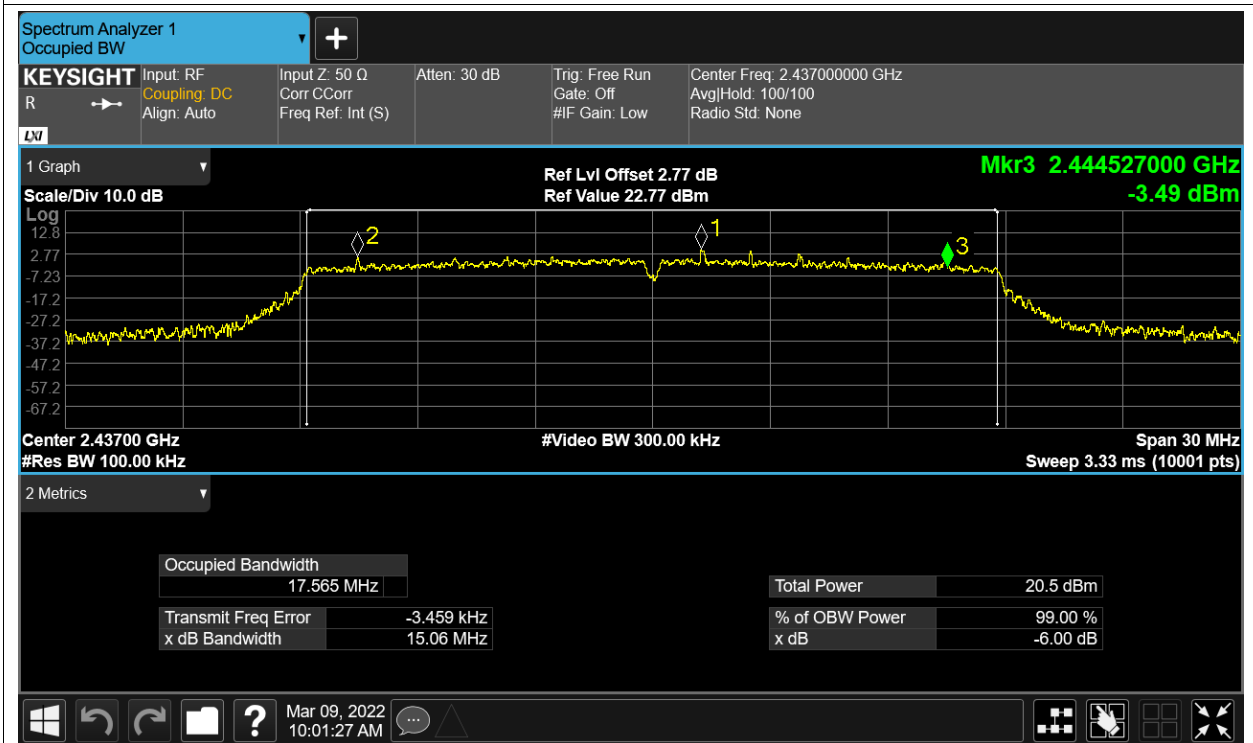
-6dB Bandwidth NVNT g 2462MHz Ant1



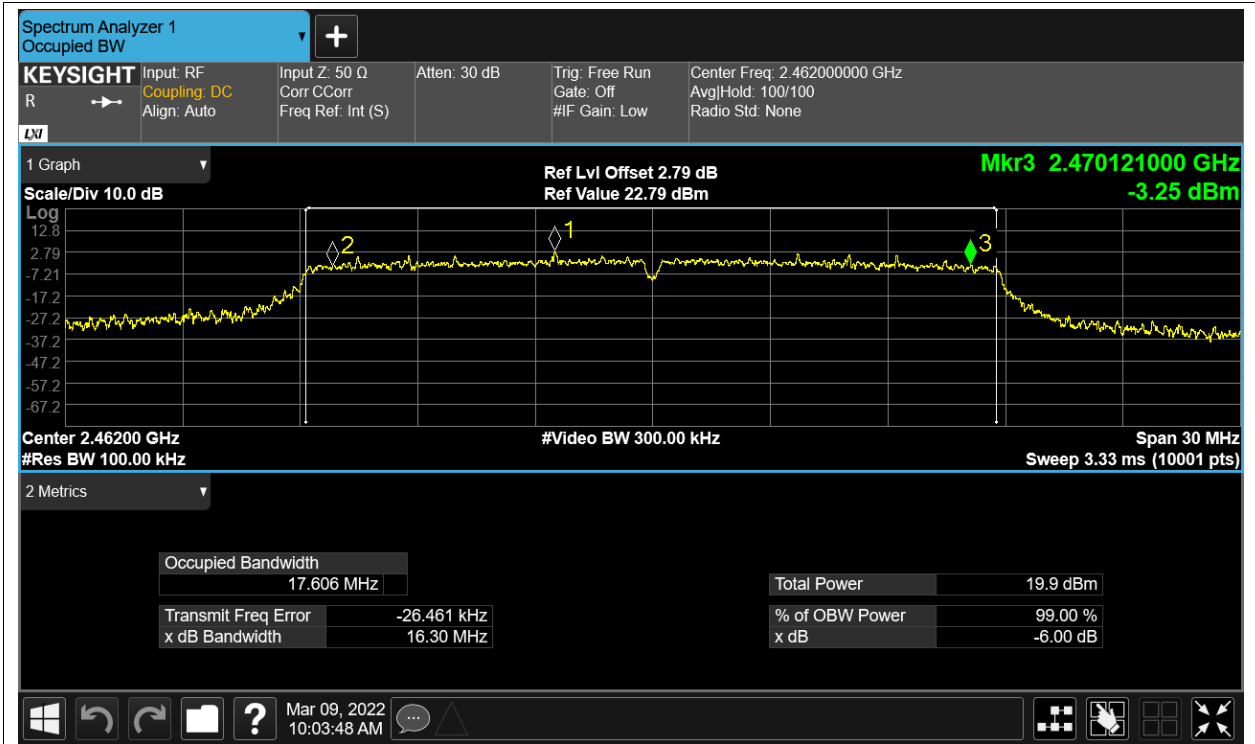
-6dB Bandwidth NVNT n20 2412MHz Ant1



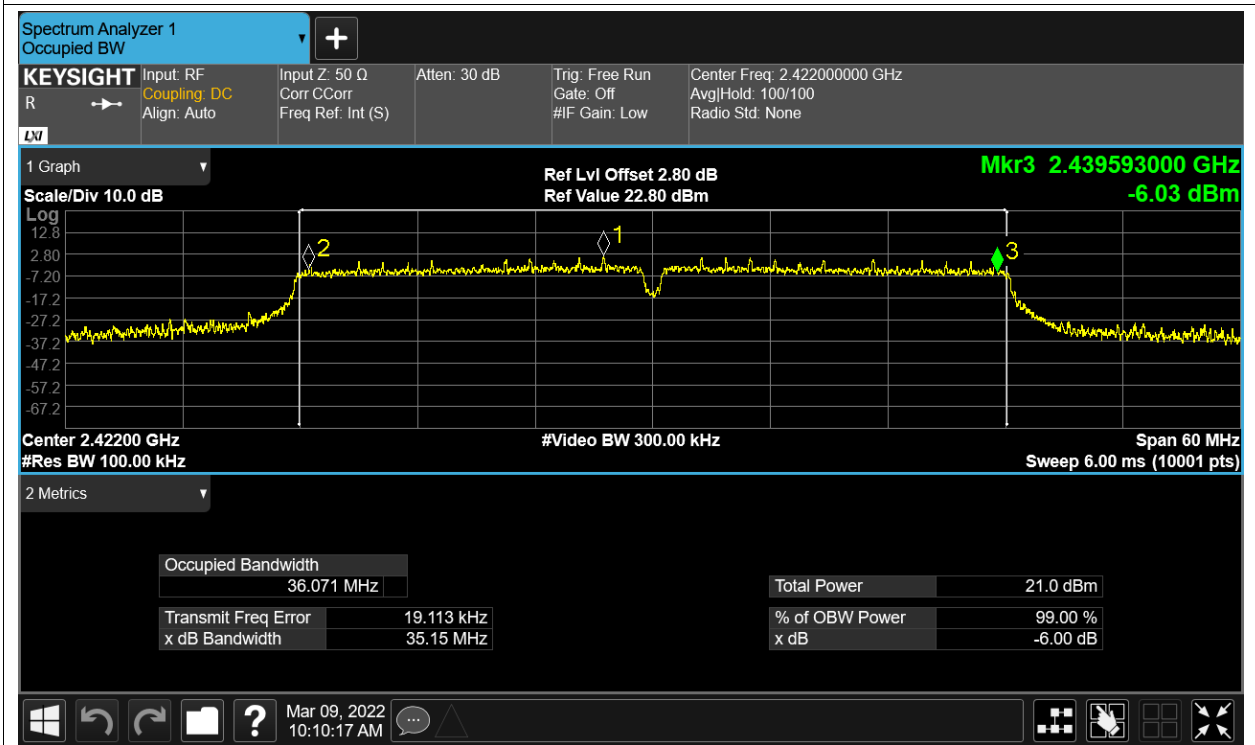
-6dB Bandwidth NVNT n20 2437MHz Ant1



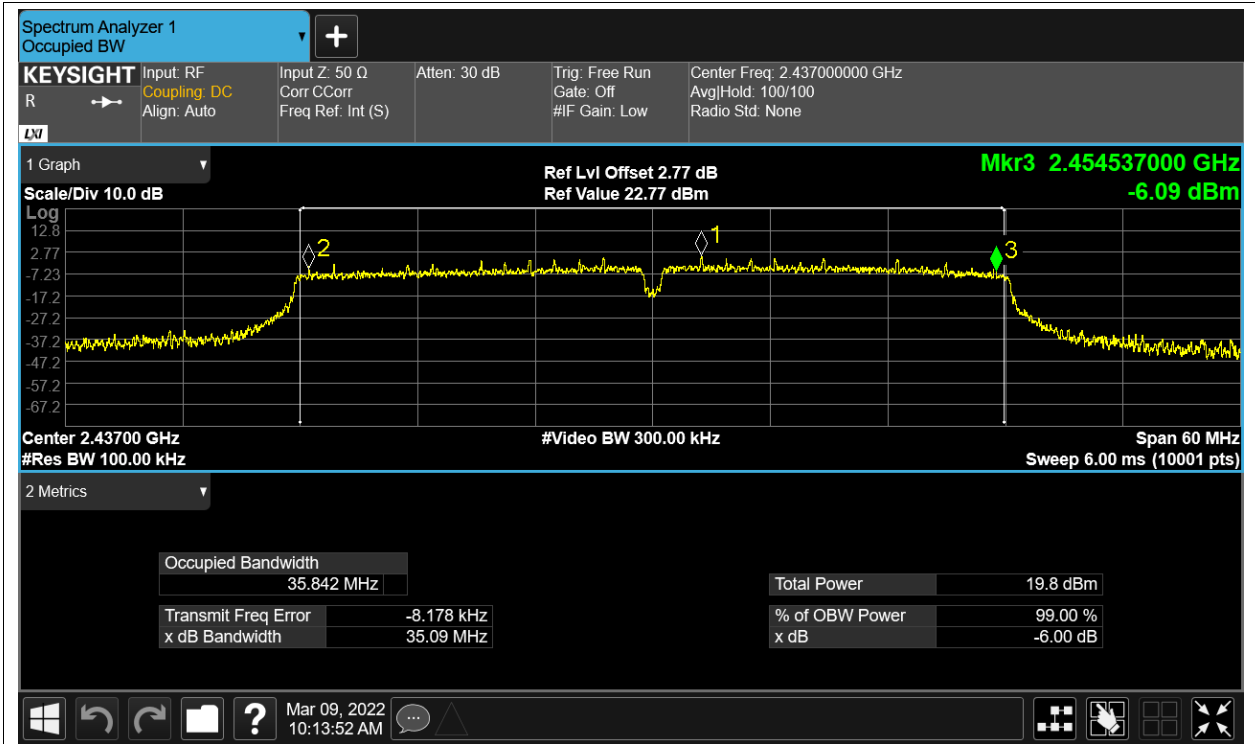
-6dB Bandwidth NVNT n20 2462MHz Ant1



-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1

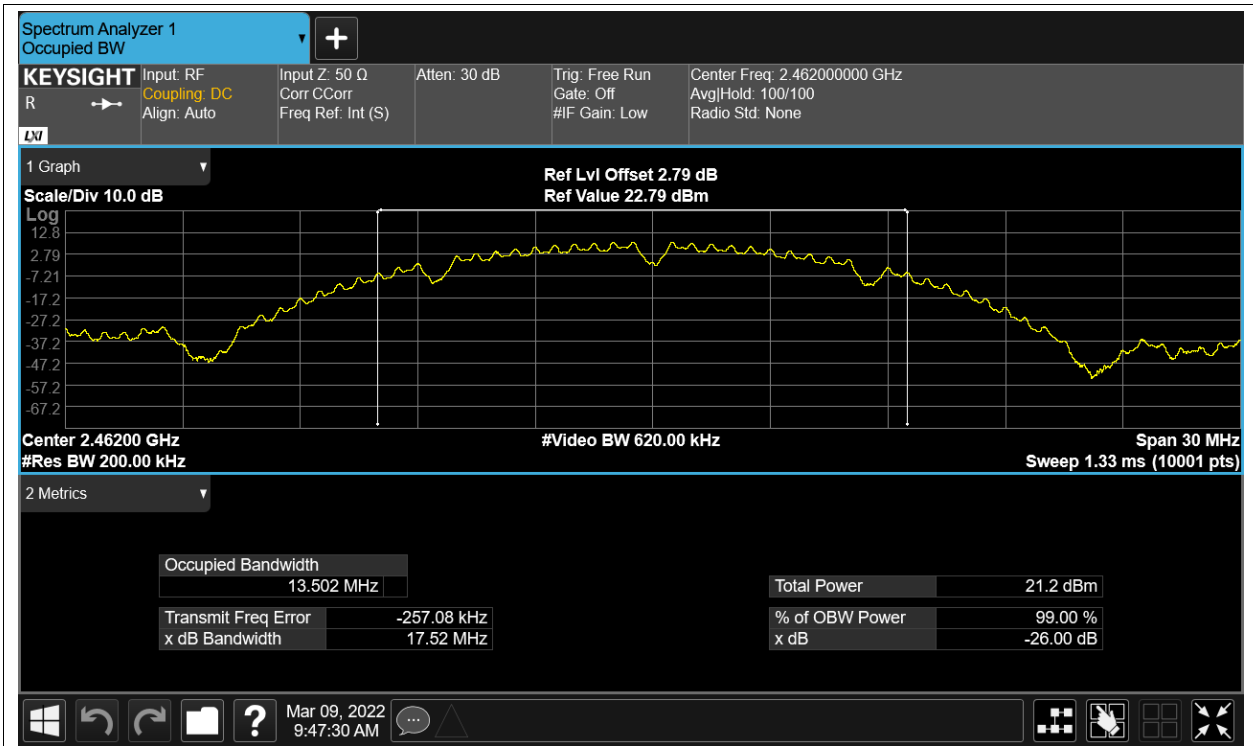


## Occupied Channel Bandwidth

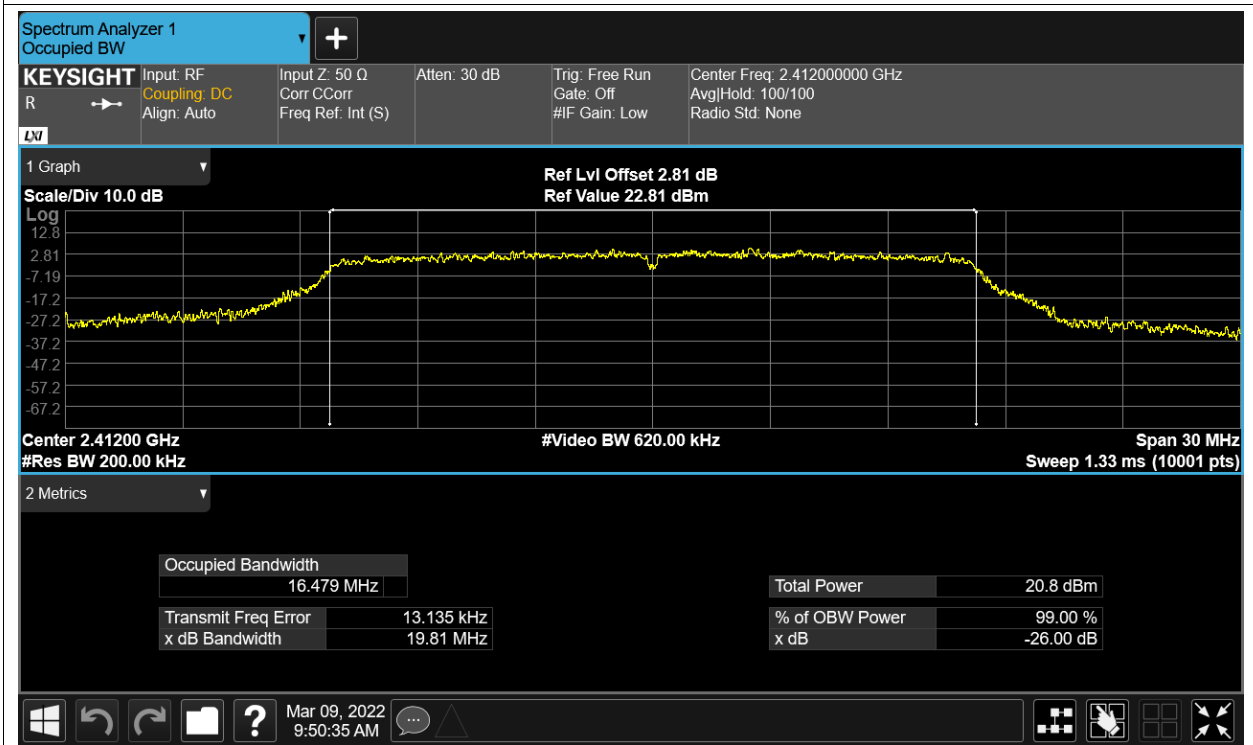
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | b    | 2412            | Ant1    | 13.06421043   |
| NVNT      | b    | 2437            | Ant1    | 13.01907781   |
| NVNT      | b    | 2462            | Ant1    | 13.50232914   |
| NVNT      | g    | 2412            | Ant1    | 16.47913194   |
| NVNT      | g    | 2437            | Ant1    | 16.43091424   |
| NVNT      | g    | 2462            | Ant1    | 16.49084073   |
| NVNT      | n20  | 2412            | Ant1    | 17.62222575   |
| NVNT      | n20  | 2437            | Ant1    | 17.5733967    |
| NVNT      | n20  | 2462            | Ant1    | 17.65695164   |
| NVNT      | n40  | 2422            | Ant1    | 36.29597905   |
| NVNT      | n40  | 2437            | Ant1    | 36.01935423   |
| NVNT      | n40  | 2452            | Ant1    | 35.68767502   |



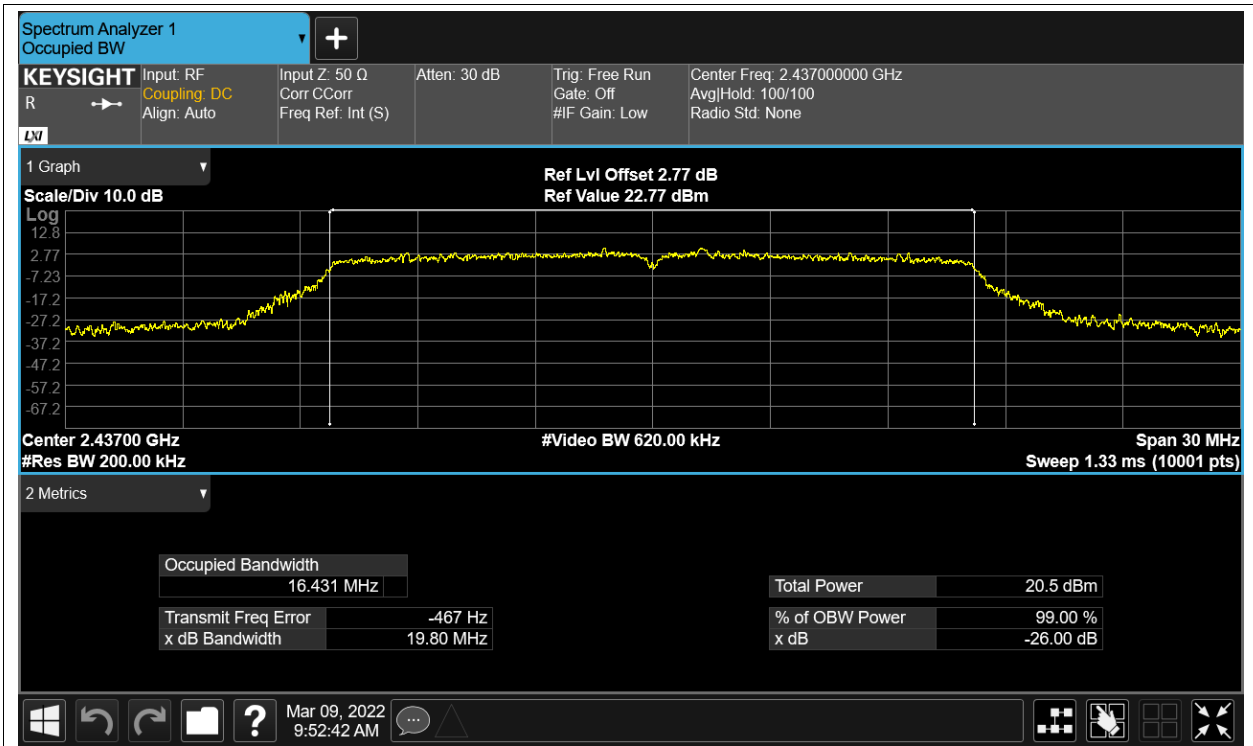




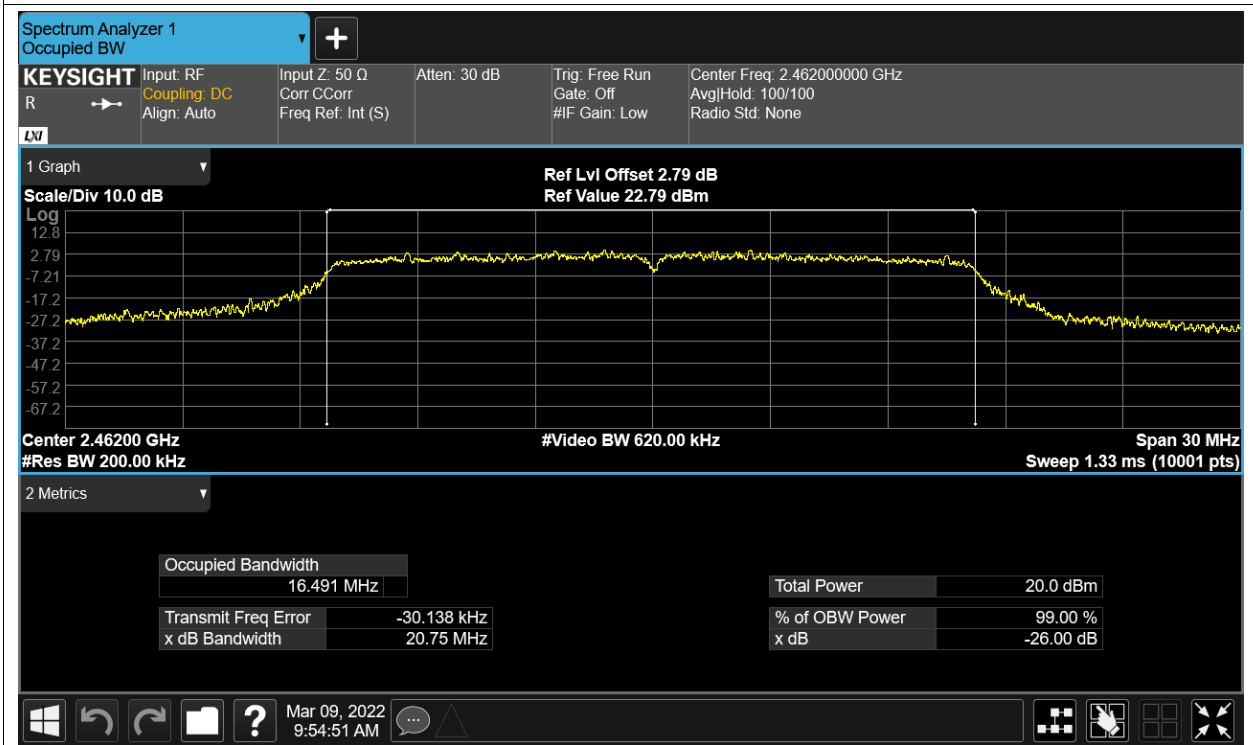
OBW NVNT g 2412MHz Ant1



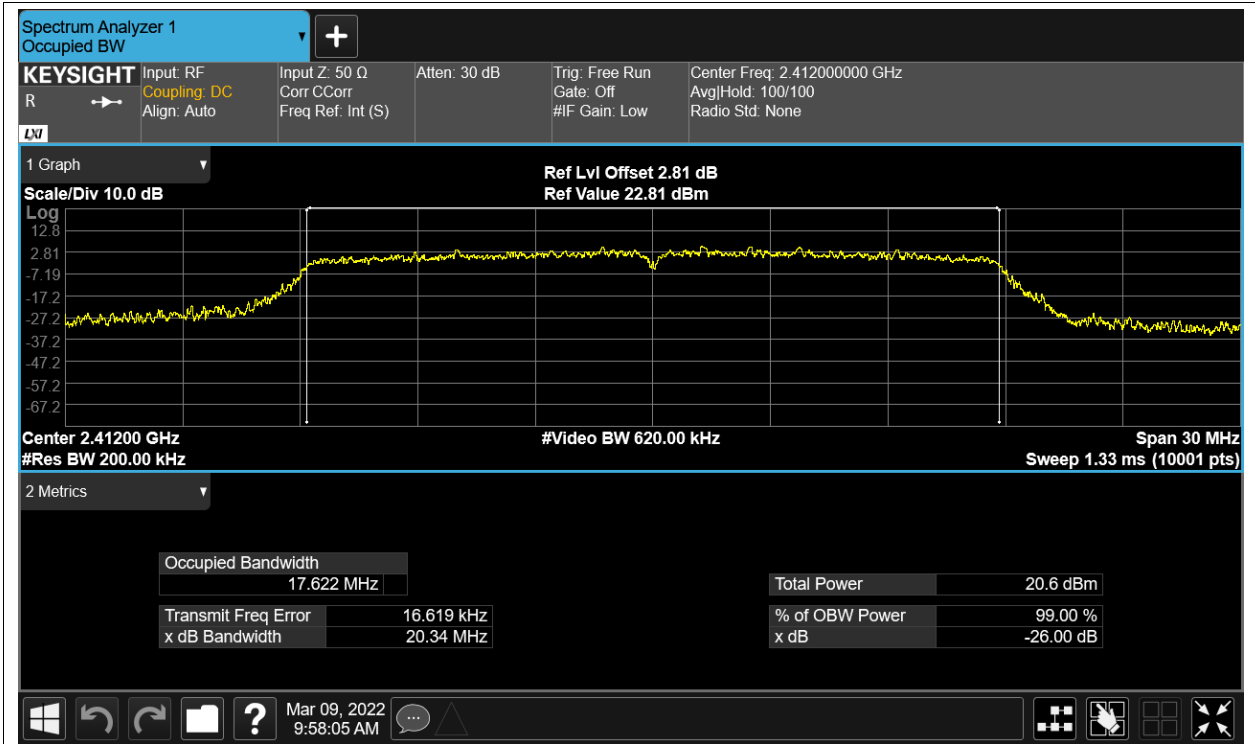
OBW NVNT g 2437MHz Ant1



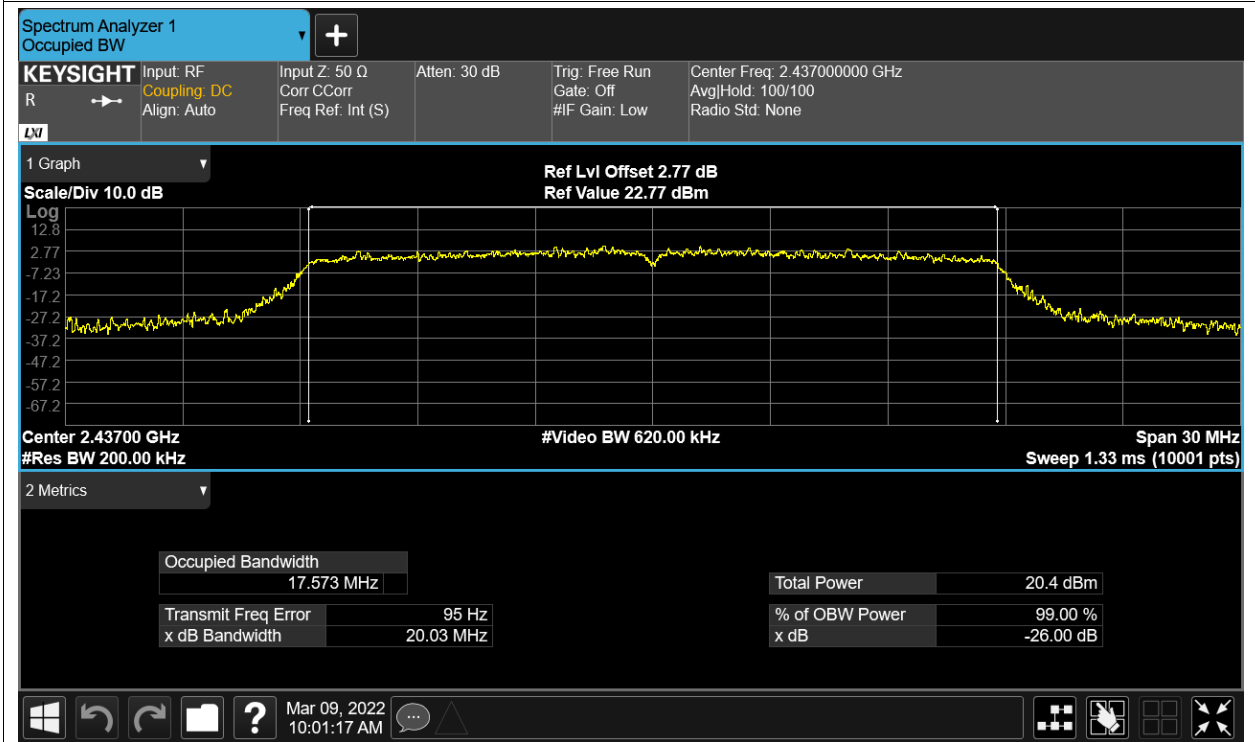
OBW NVNT g 2462MHz Ant1



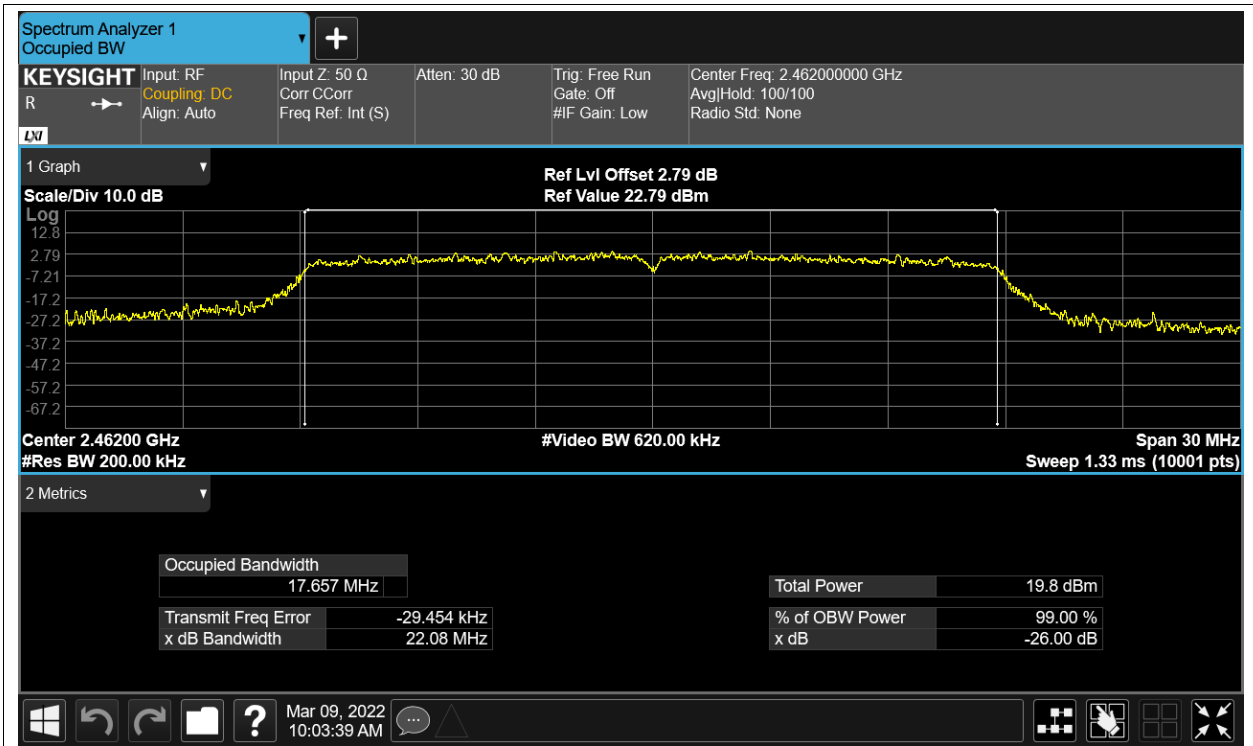
OBW NVNT n20 2412MHz Ant1



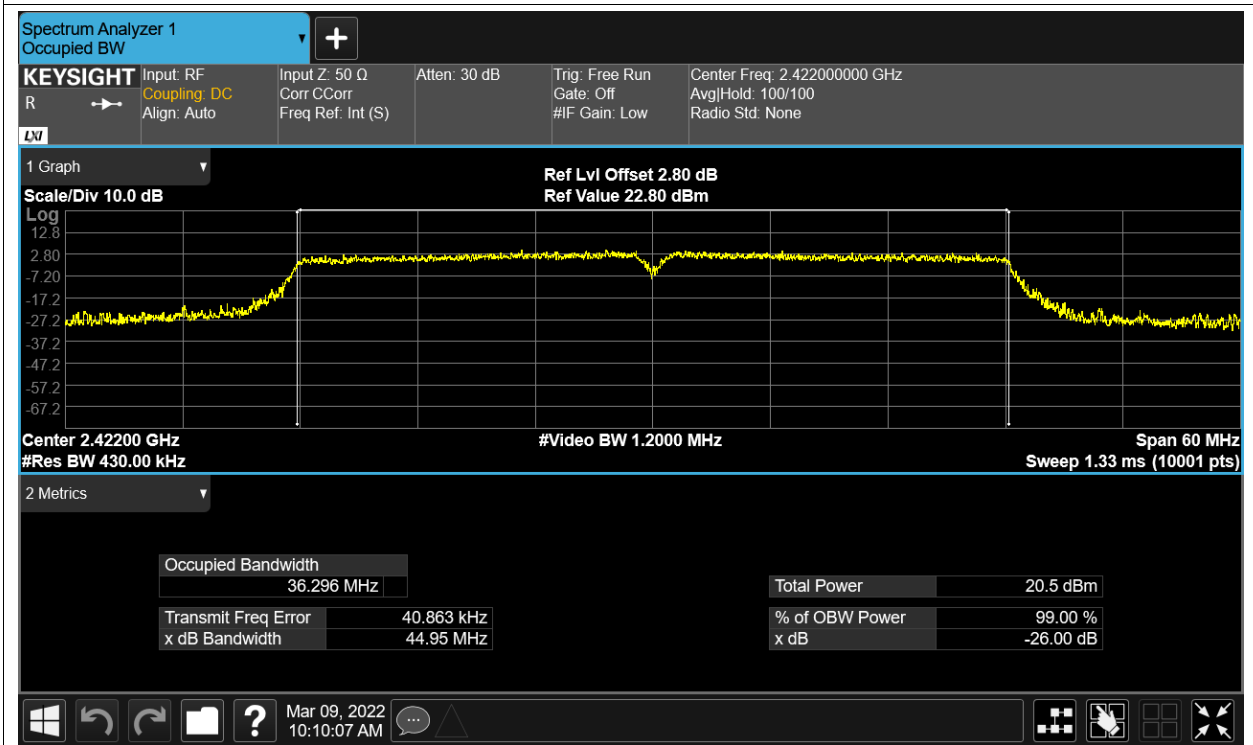
OBW NVNT n20 2437MHz Ant1



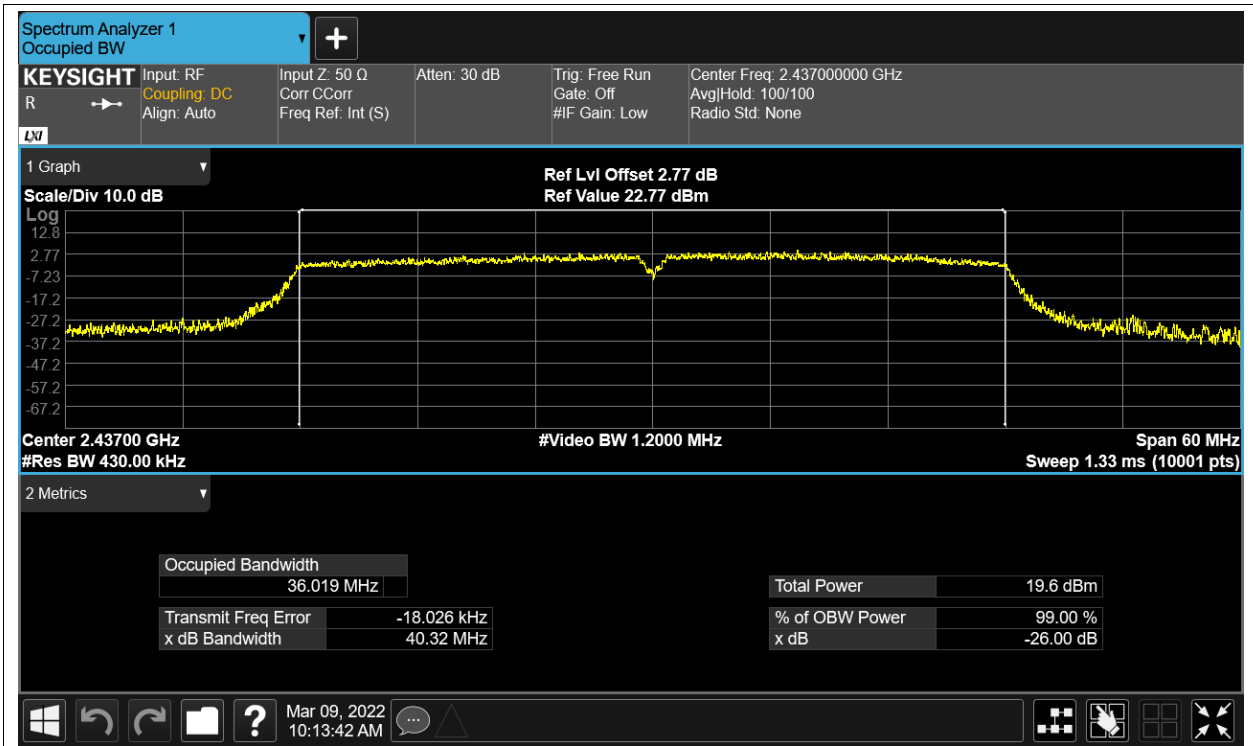
OBW NVNT n20 2462MHz Ant1



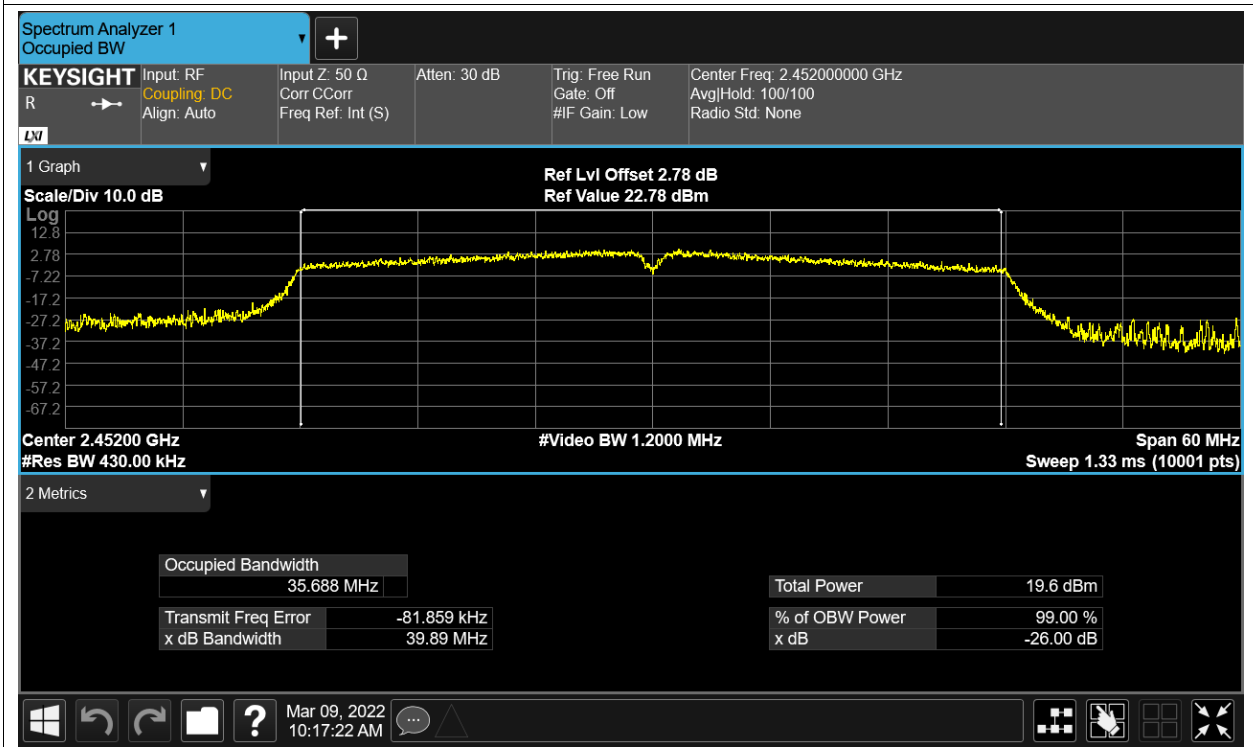
OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2437MHz Ant1



OBW NVNT n40 2452MHz Ant1

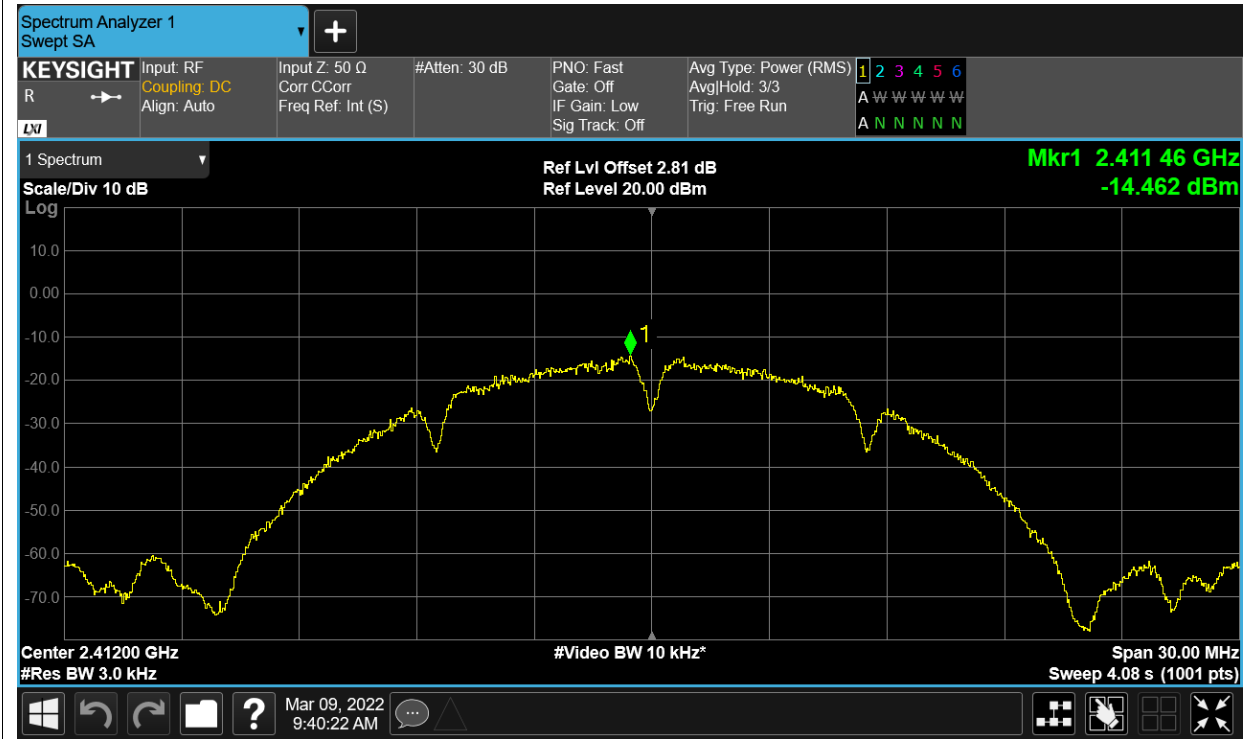


## Maximum Power Spectral Density Level

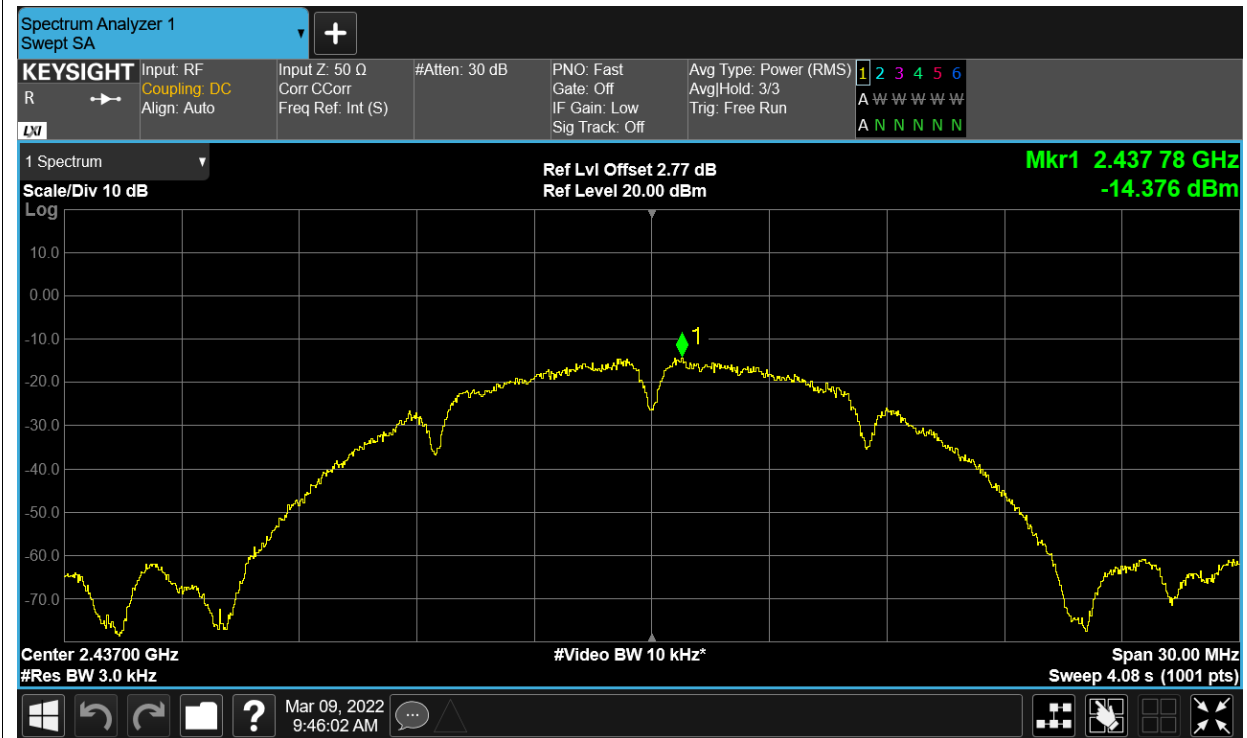
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -14.462       | 8           | Pass    |
| NVNT      | b    | 2437            | Ant1    | -14.376       | 8           | Pass    |
| NVNT      | b    | 2462            | Ant1    | -15.024       | 8           | Pass    |
| NVNT      | g    | 2412            | Ant1    | -13.218       | 8           | Pass    |
| NVNT      | g    | 2437            | Ant1    | -15.108       | 8           | Pass    |
| NVNT      | g    | 2462            | Ant1    | -15.577       | 8           | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -17.023       | 8           | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -17.134       | 8           | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -17.161       | 8           | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -20.413       | 8           | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -21.207       | 8           | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -19.471       | 8           | Pass    |

Test Graphs

PSD NVNT b 2412MHz Ant1

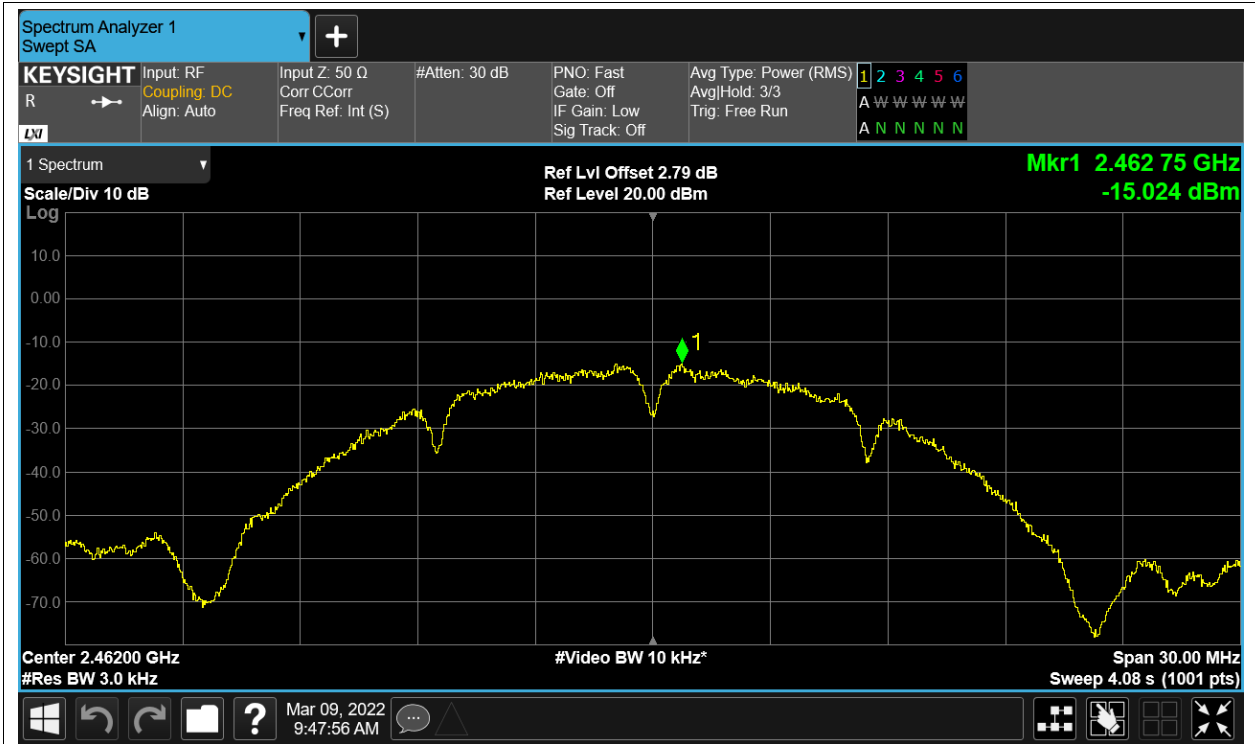


PSD NVNT b 2437MHz Ant1

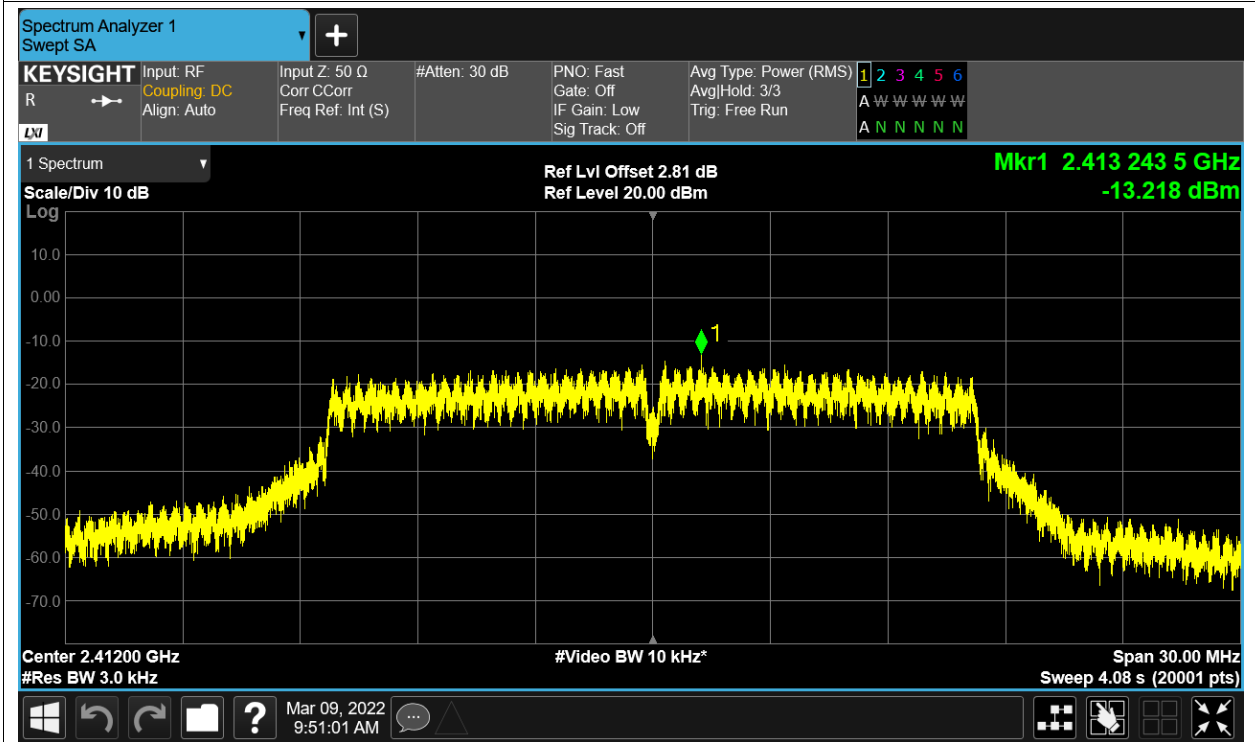


PSD NVNT b 2462MHz Ant1

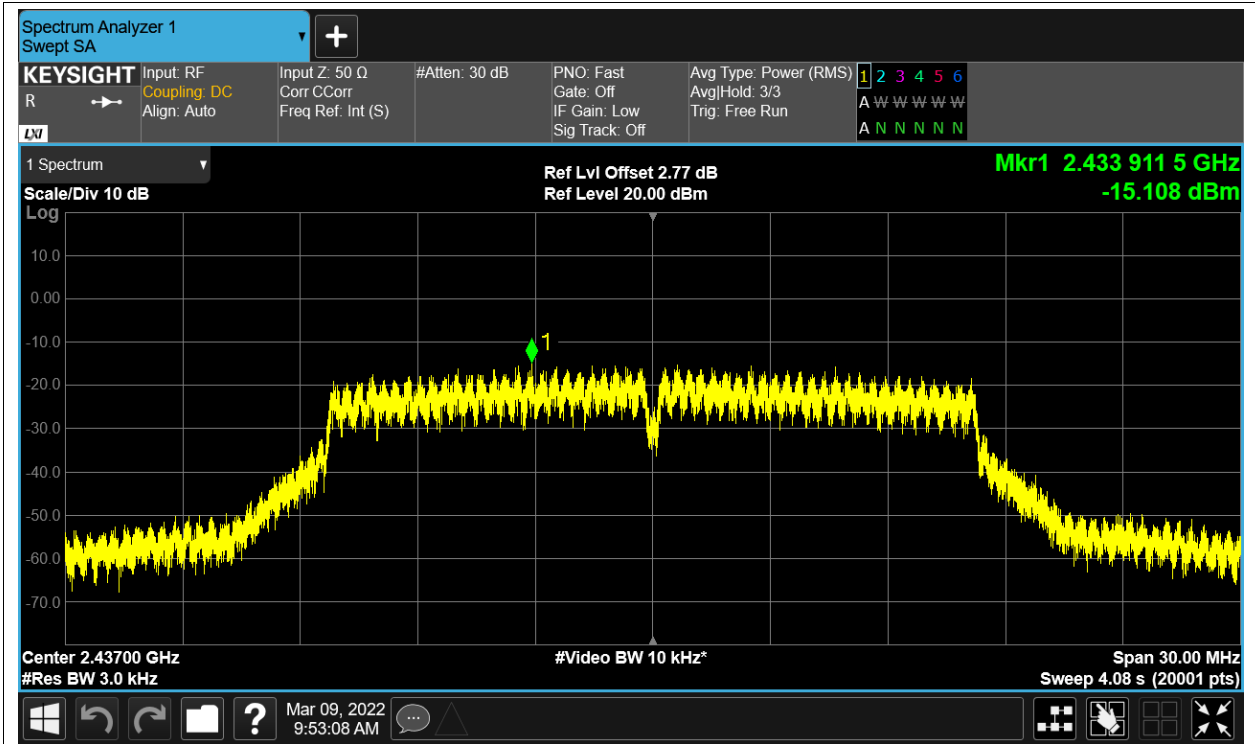




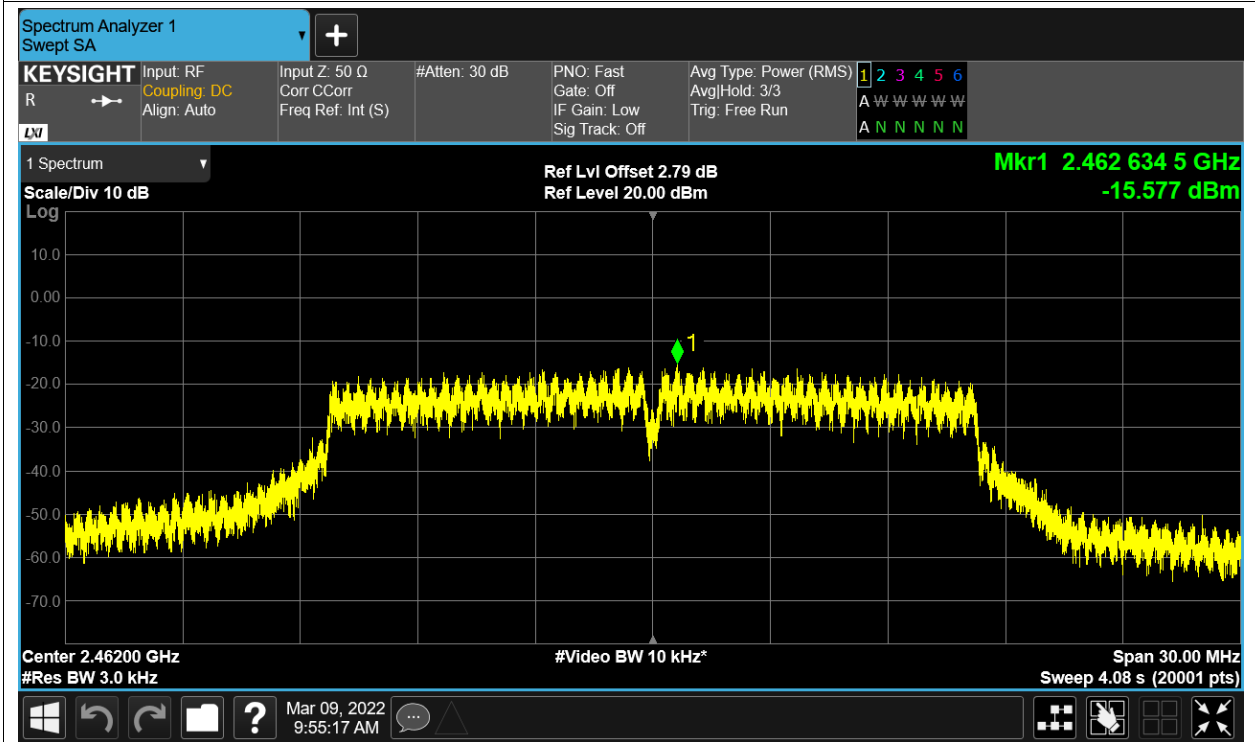
PSD NVNT g 2412MHz Ant1



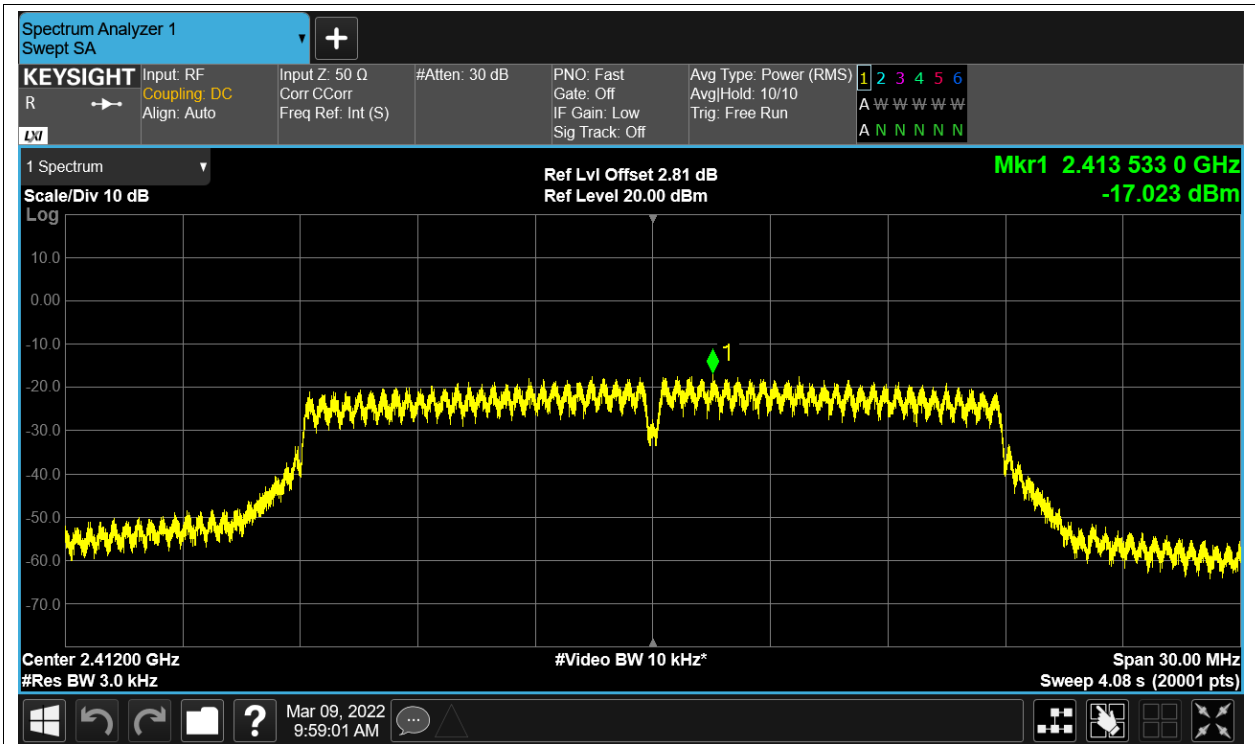
PSD NVNT g 2437MHz Ant1



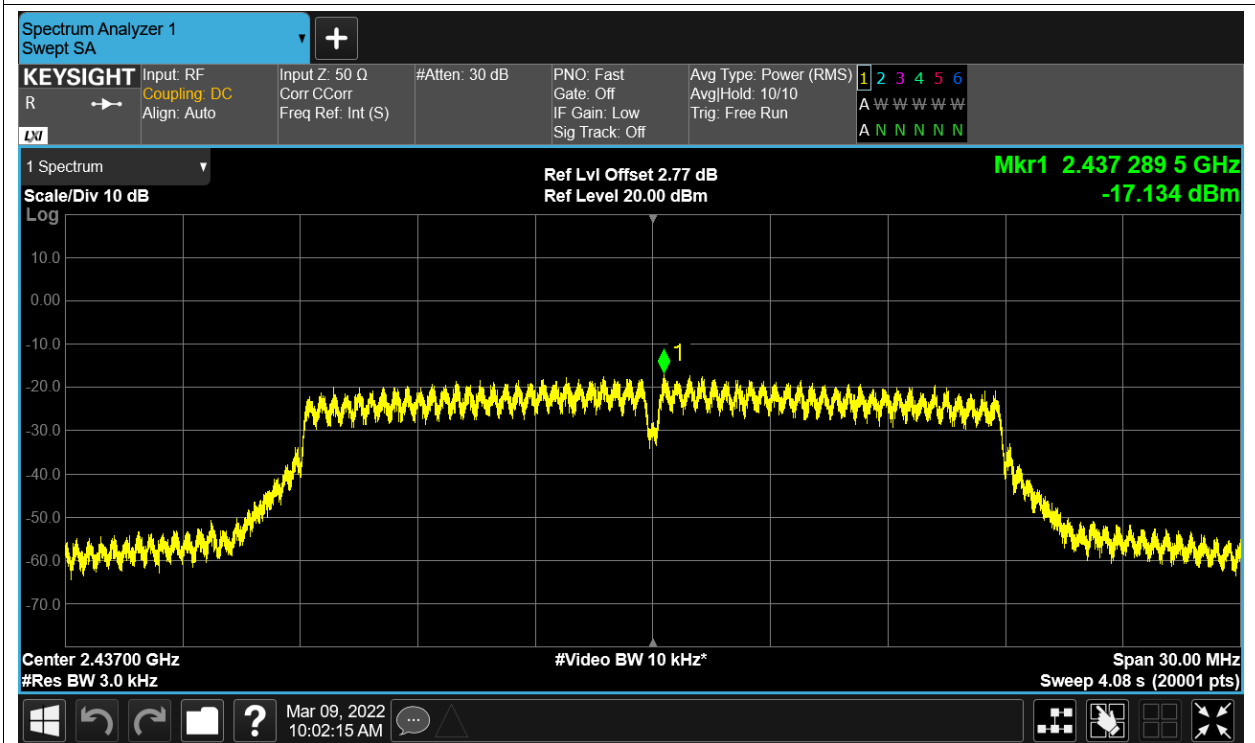
PSD NVNT g 2462MHz Ant1



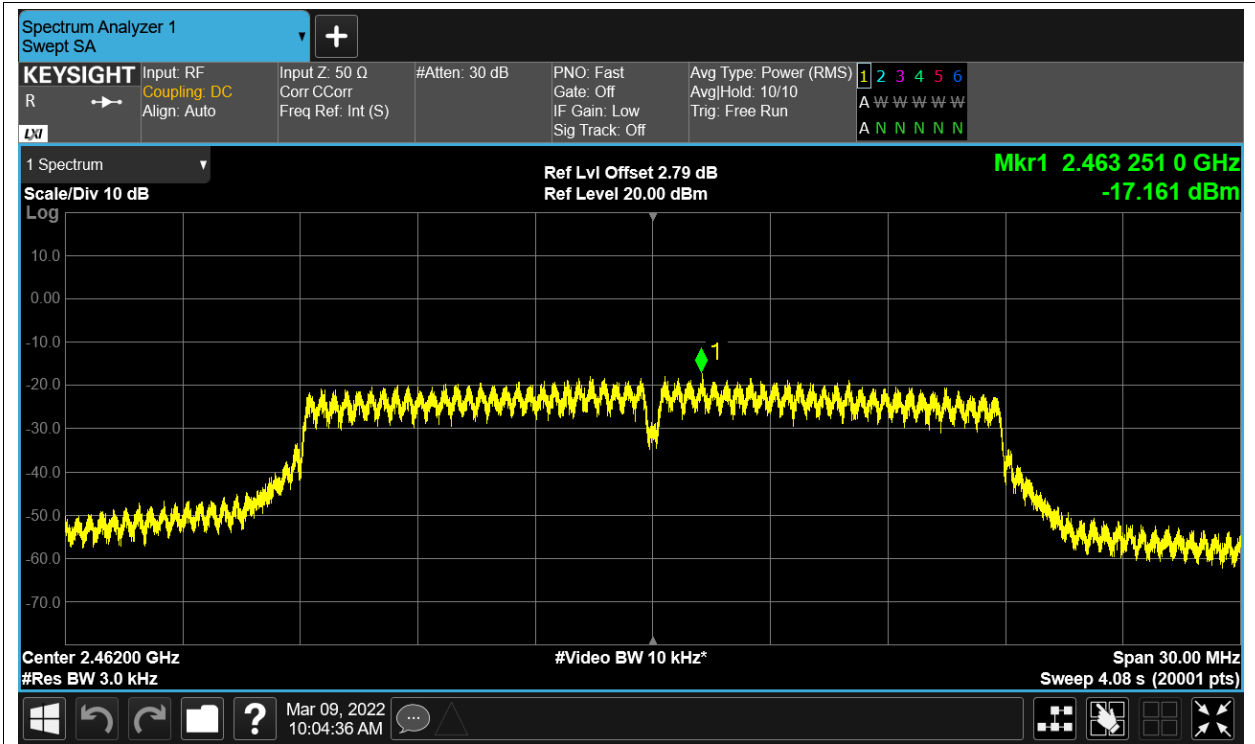
PSD NVNT n20 2412MHz Ant1



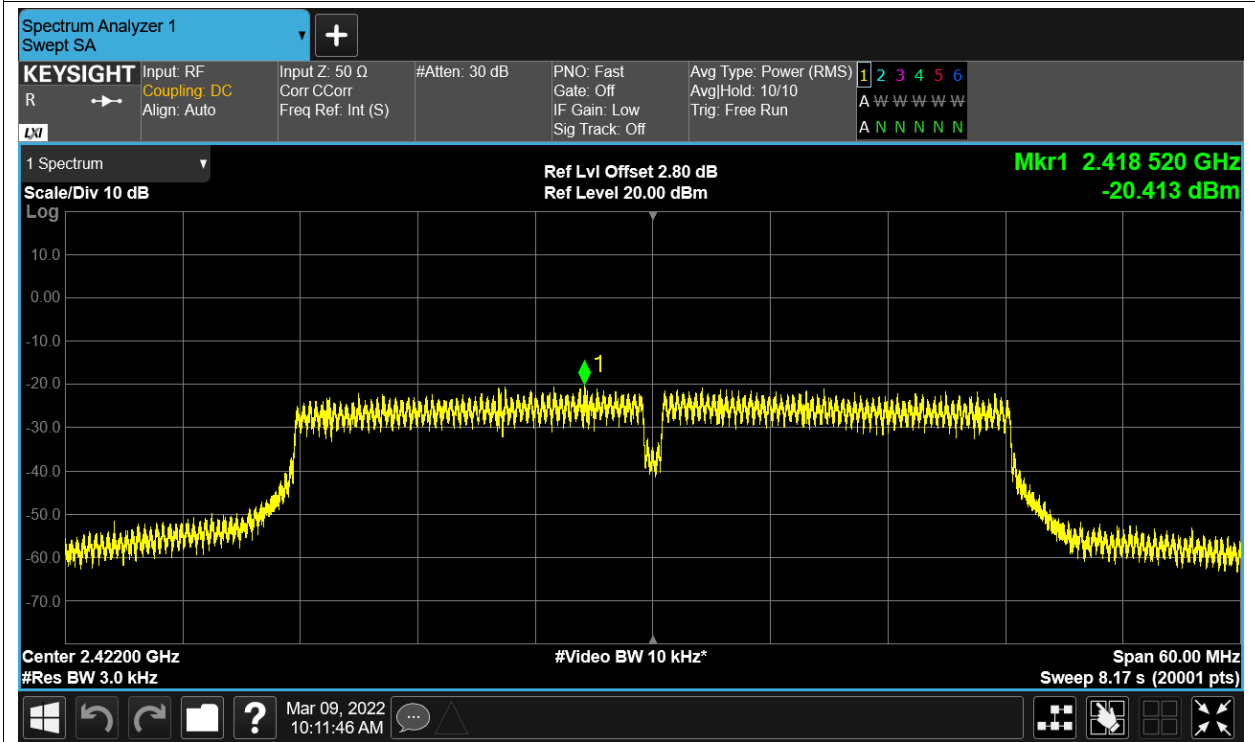
PSD NVNT n20 2437MHz Ant1



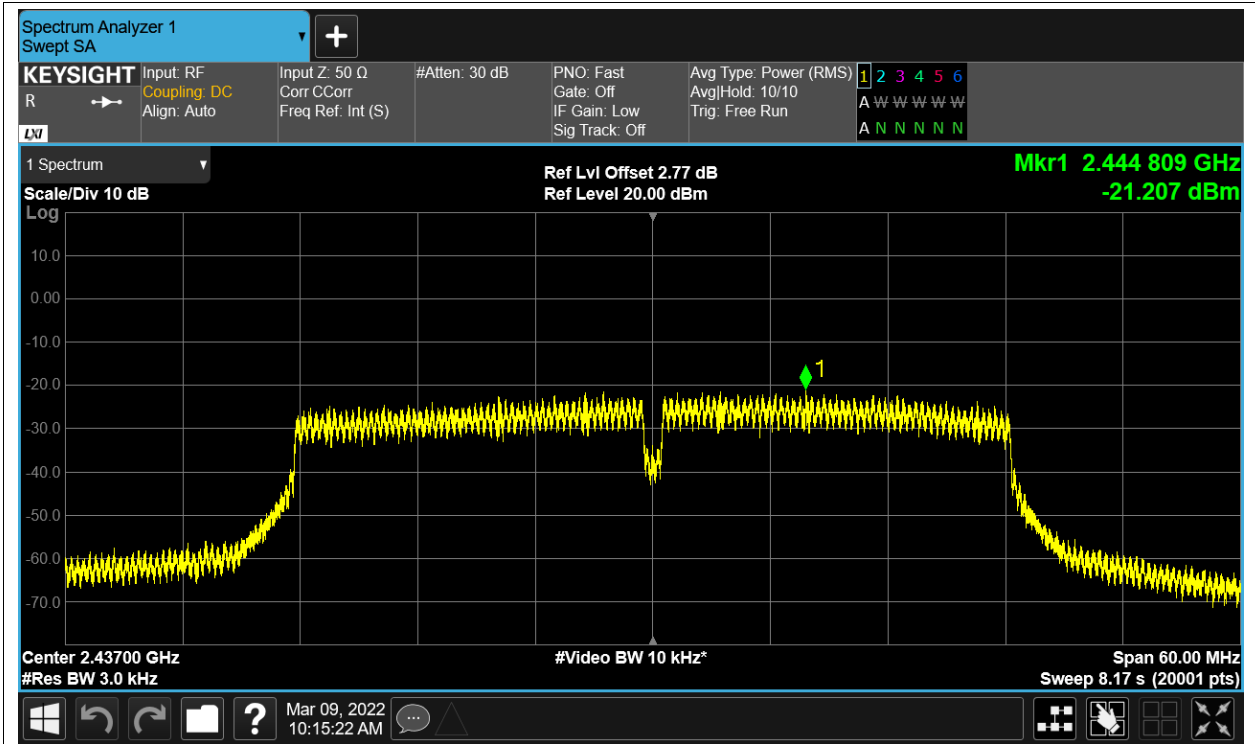
PSD NVNT n20 2462MHz Ant1



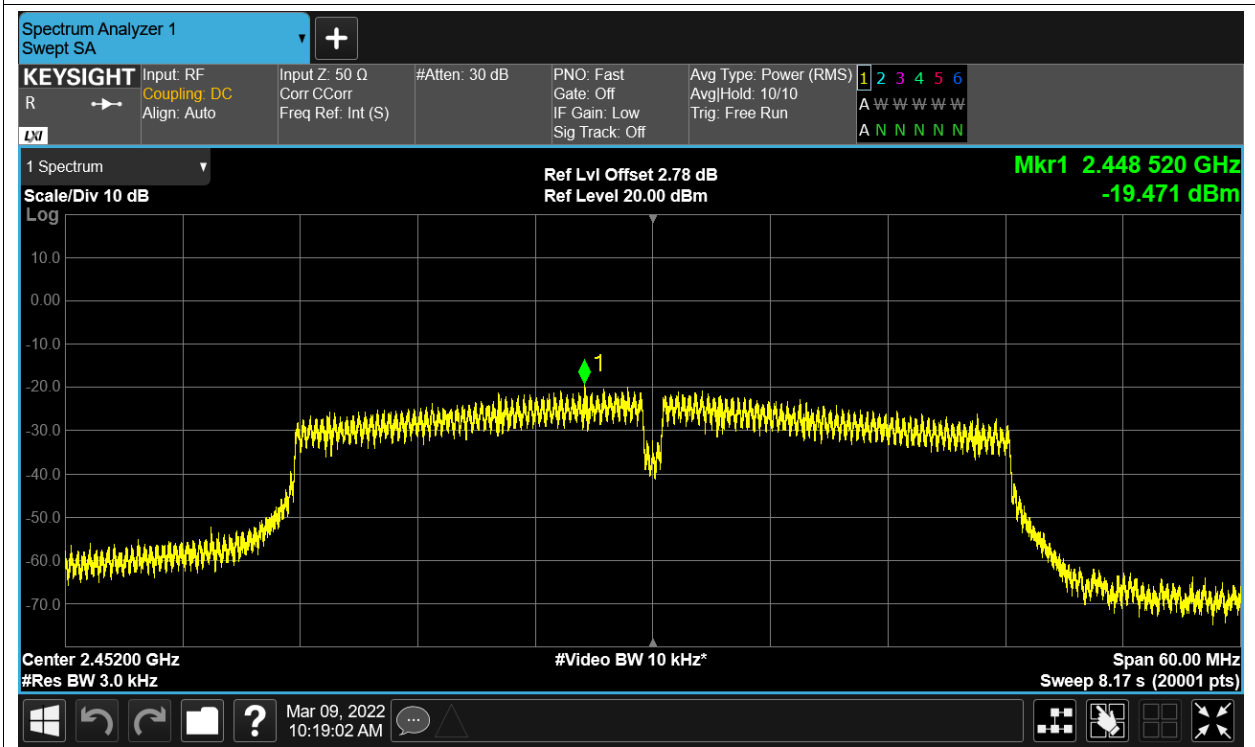
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1



PSD NVNT n40 2452MHz Ant1

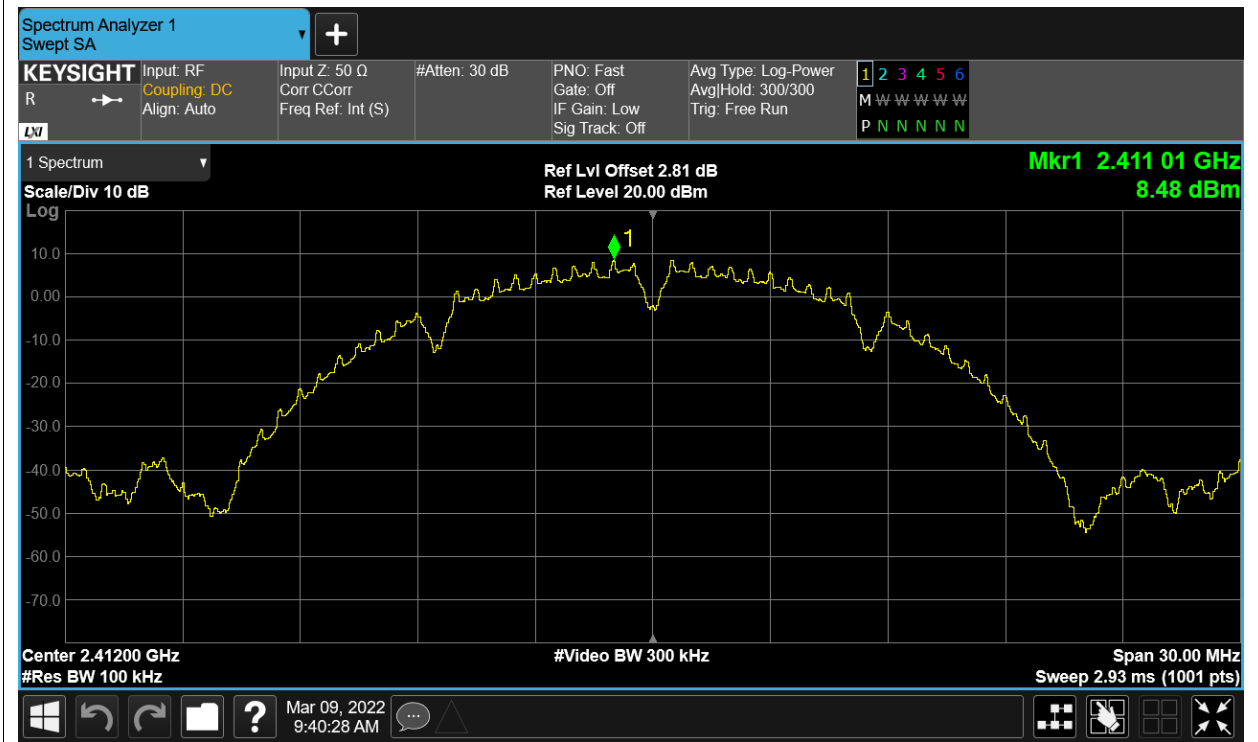


## Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -59.62          | -30         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -55.95          | -30         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -47.03          | -30         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -45             | -30         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -43.9           | -30         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -44.99          | -30         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -33.89          | -30         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -35.86          | -30         | Pass    |

Test Graphs

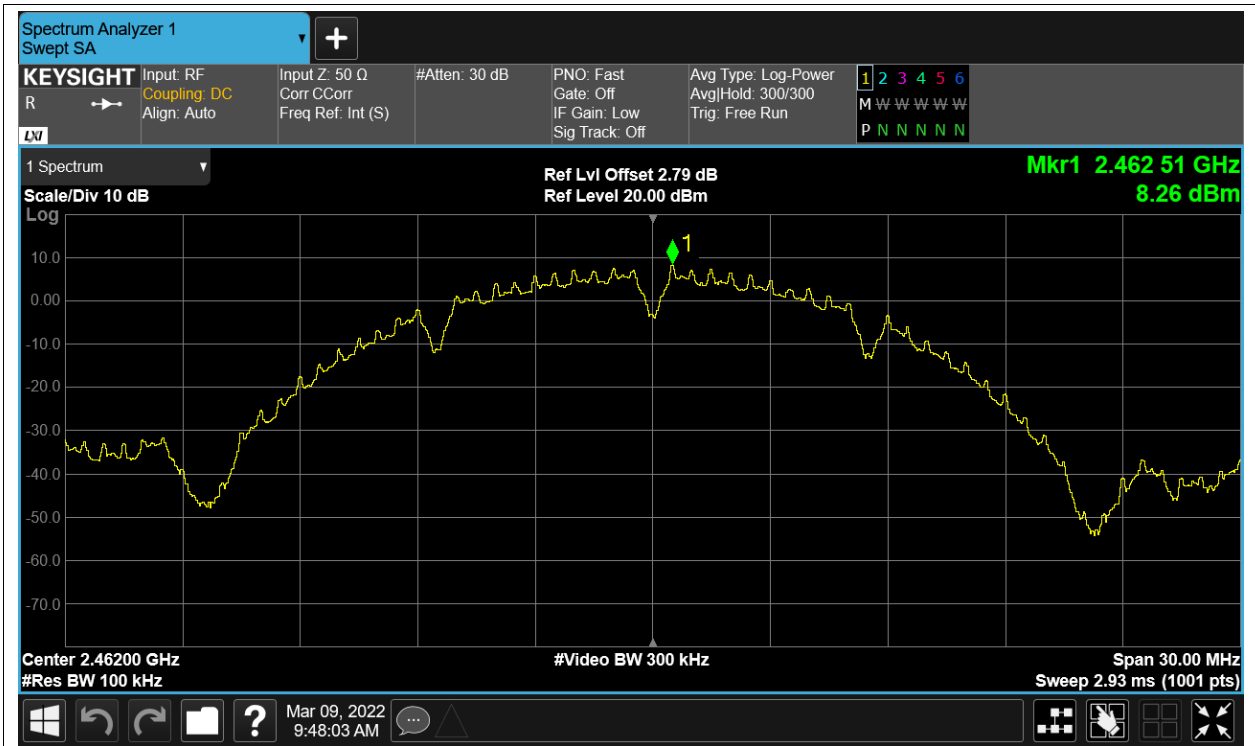
Band Edge NVNT b 2412MHz Ant1 Ref



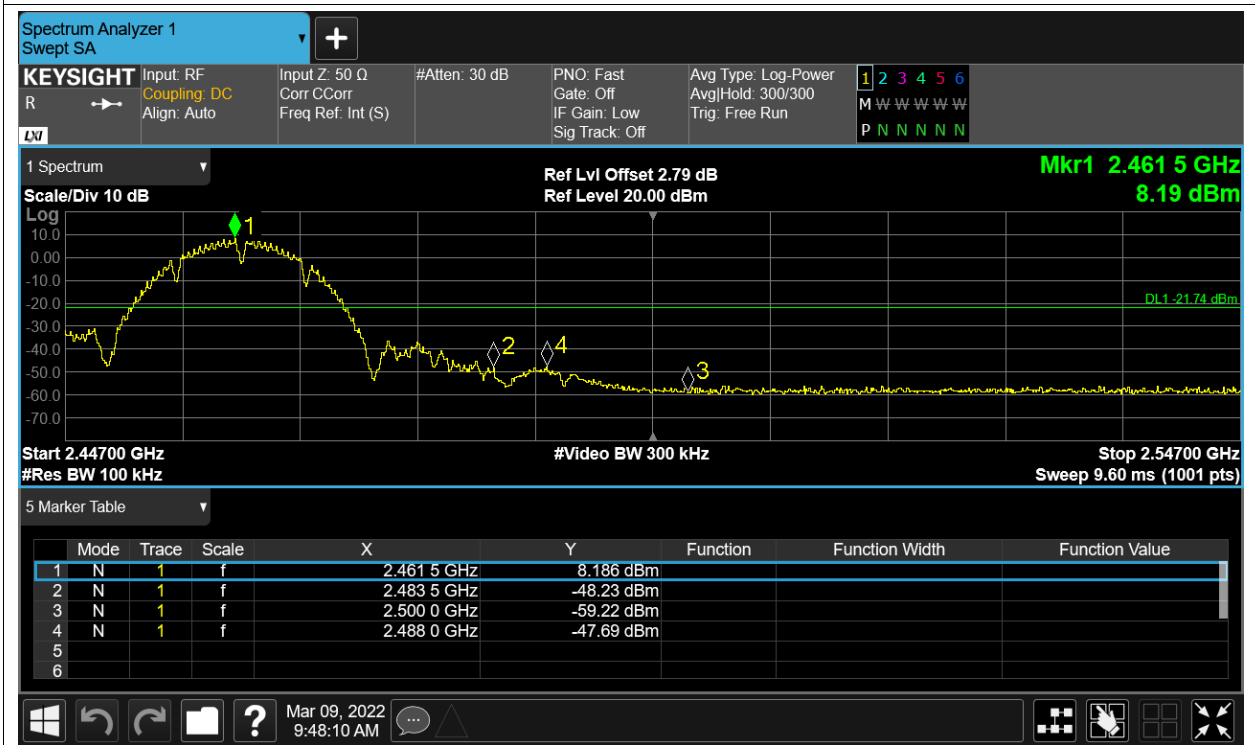
Band Edge NVNT b 2412MHz Ant1 Emission



Band Edge NVNT b 2462MHz Ant1 Ref

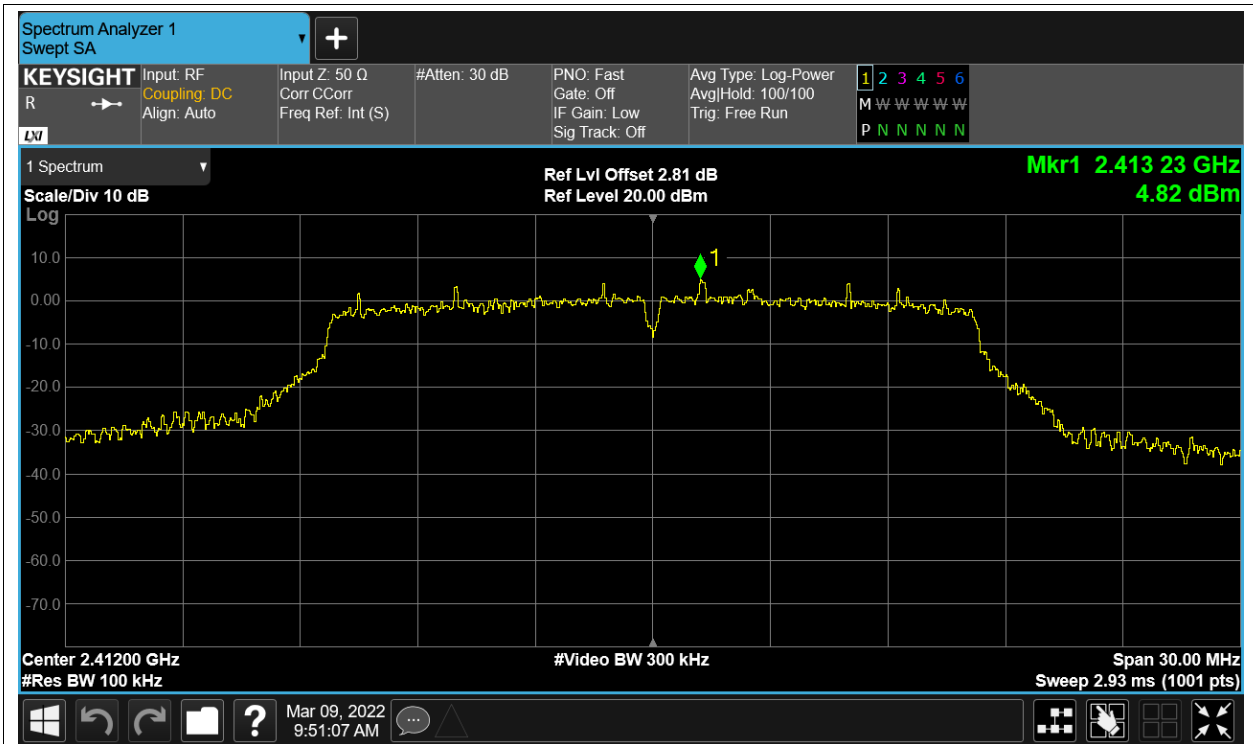


Band Edge NVNT b 2462MHz Ant1 Emission

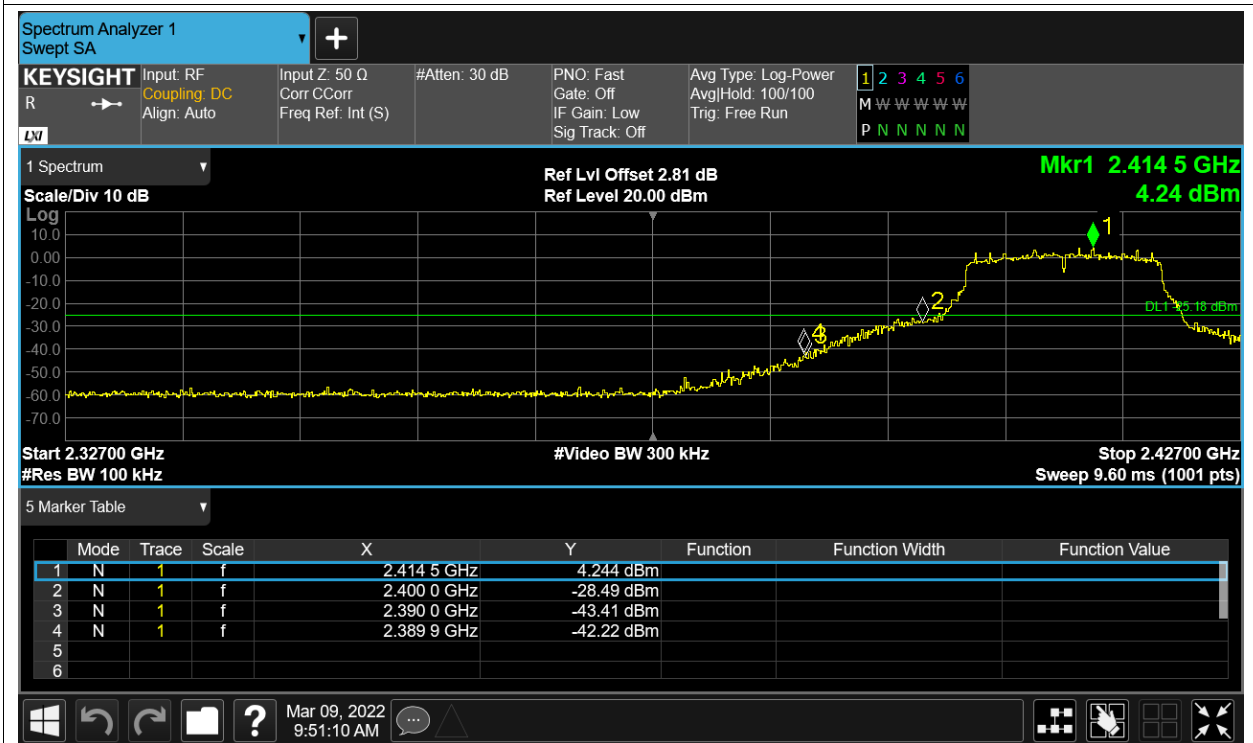


Band Edge NVNT g 2412MHz Ant1 Ref

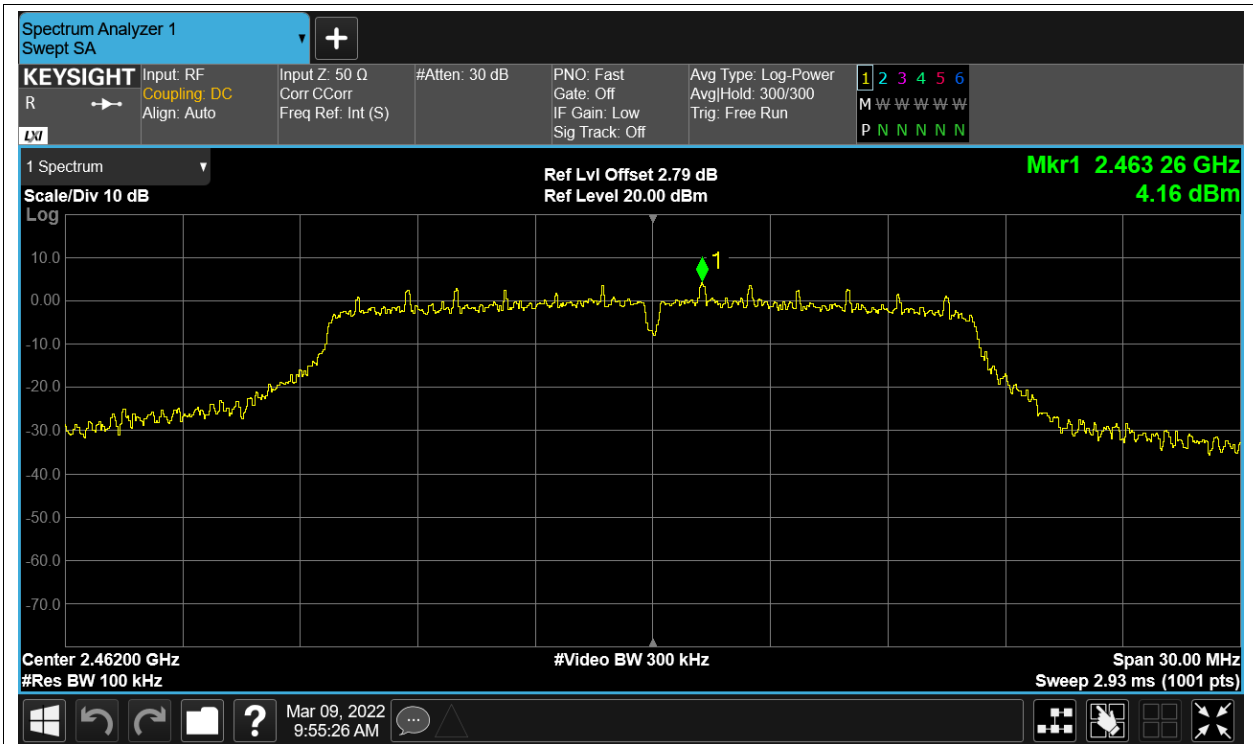




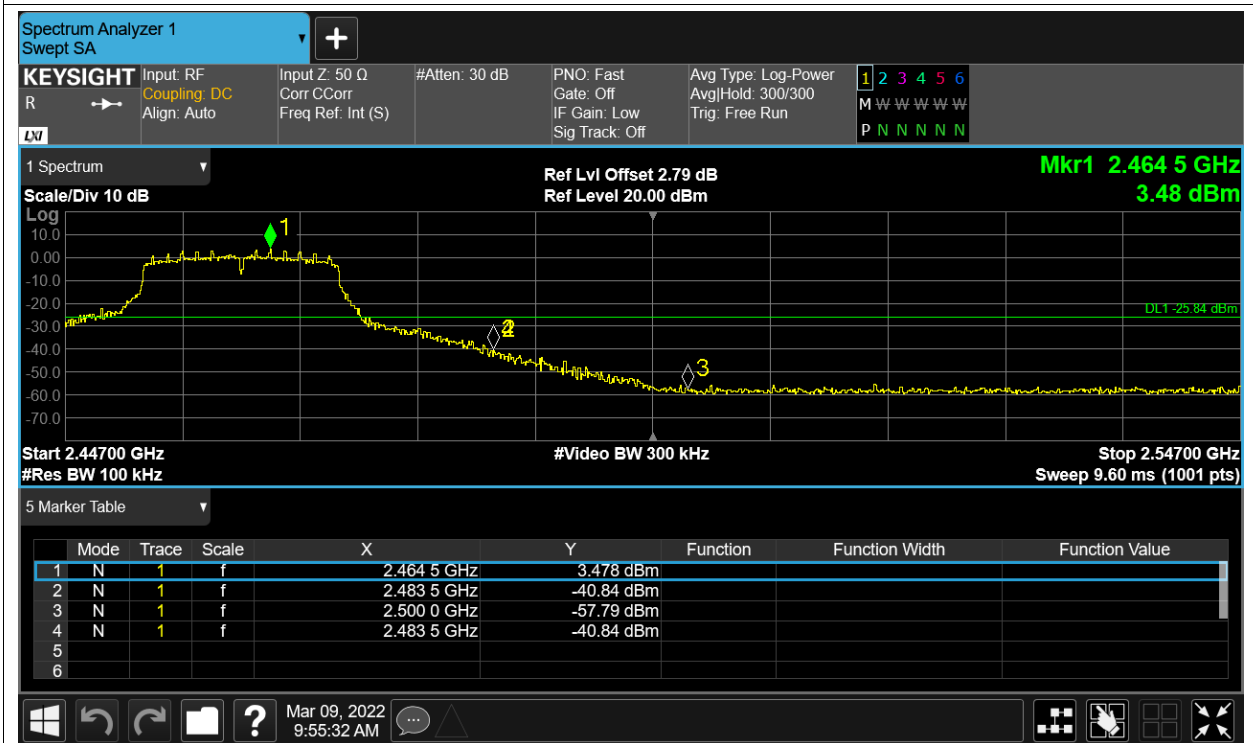
Band Edge NVNT g 2412MHz Ant1 Emission



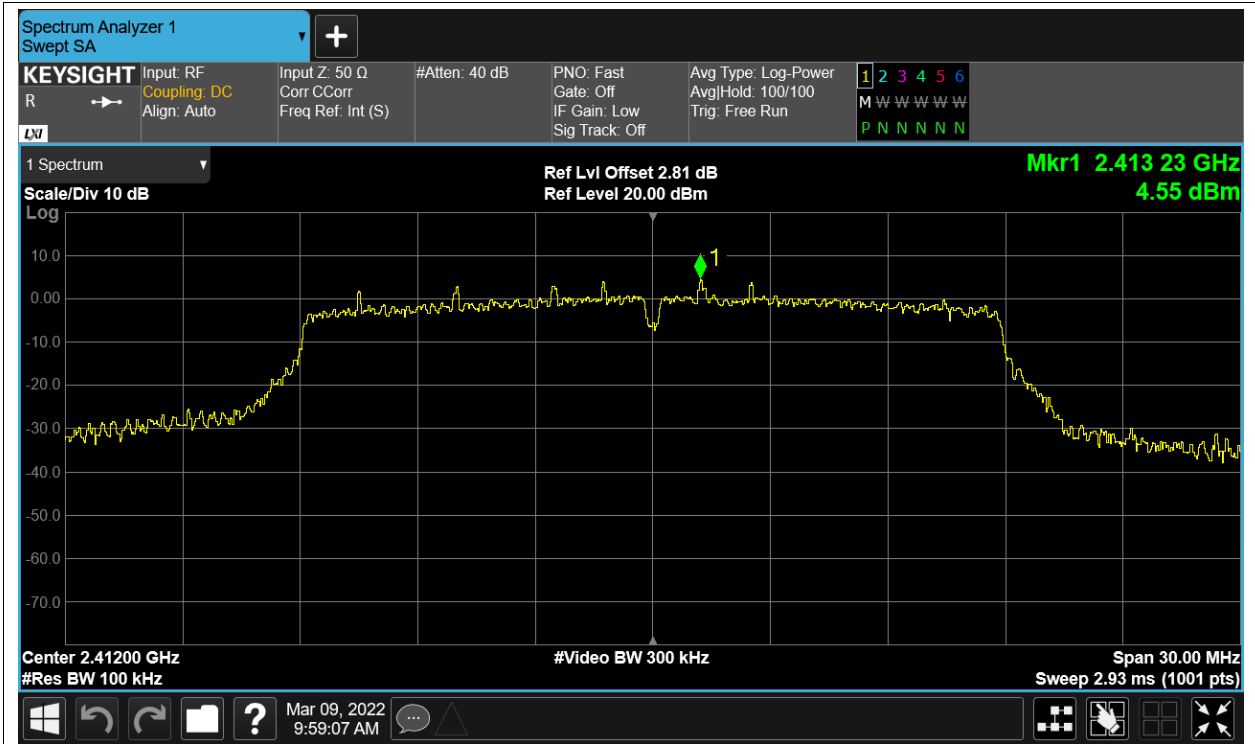
Band Edge NVNT g 2462MHz Ant1 Ref



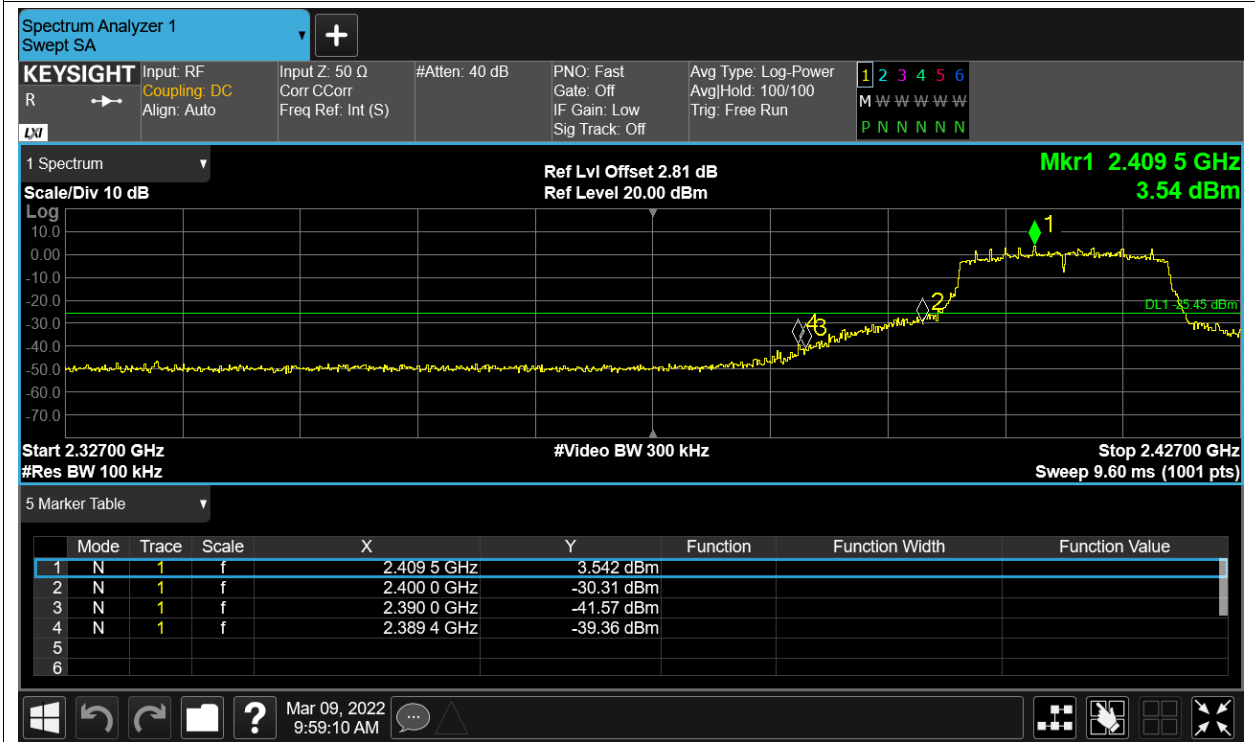
Band Edge NVNT g 2462MHz Ant1 Emission



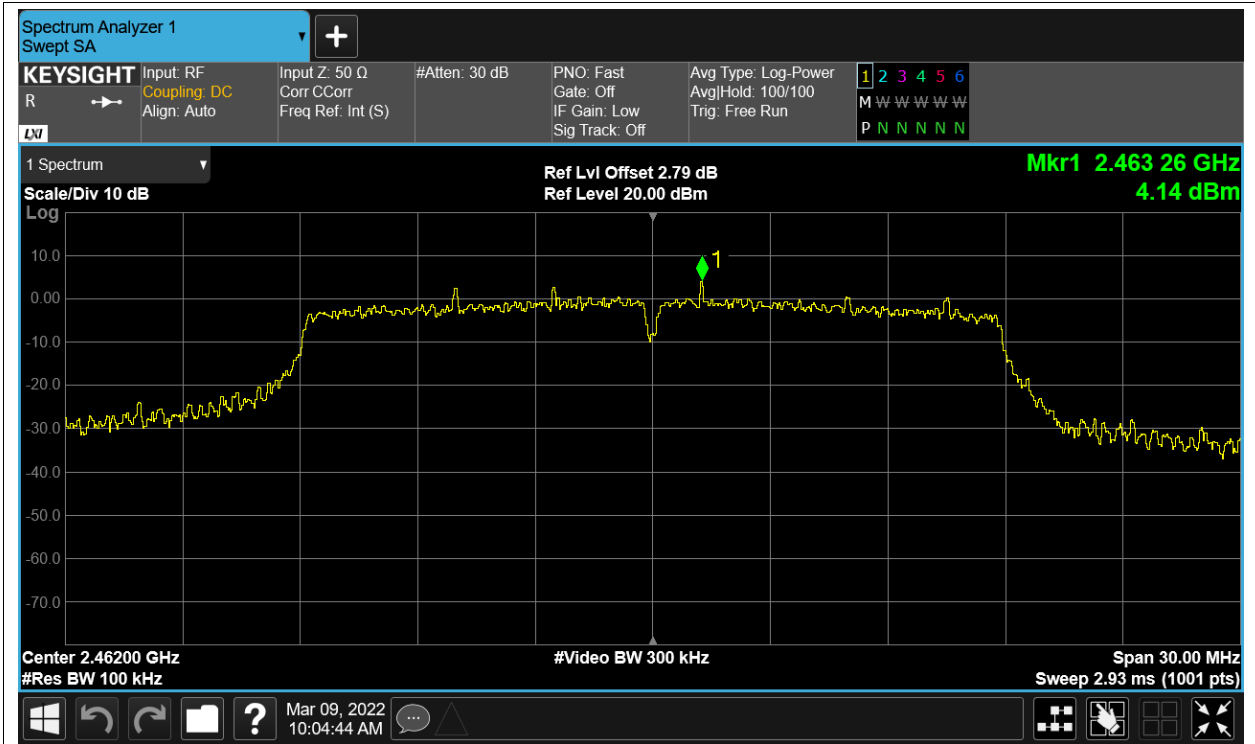
Band Edge NVNT n20 2412MHz Ant1 Ref



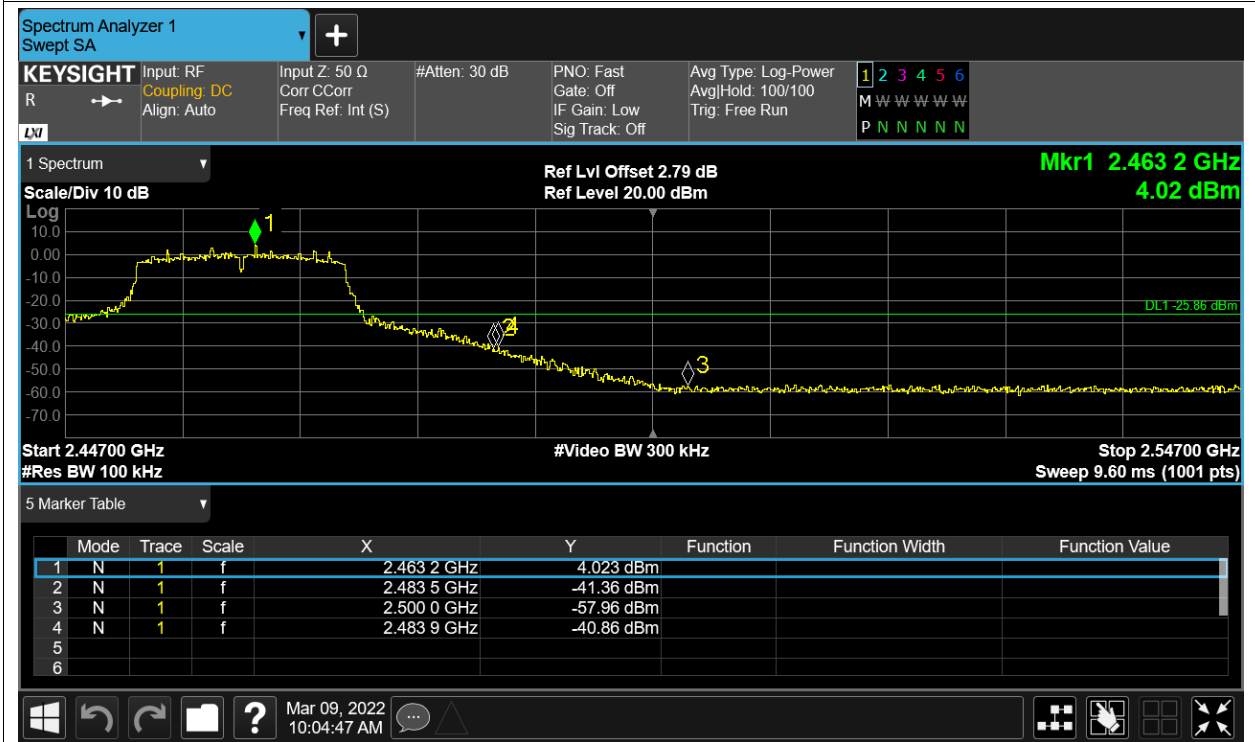
Band Edge NVNT n20 2412MHz Ant1 Emission



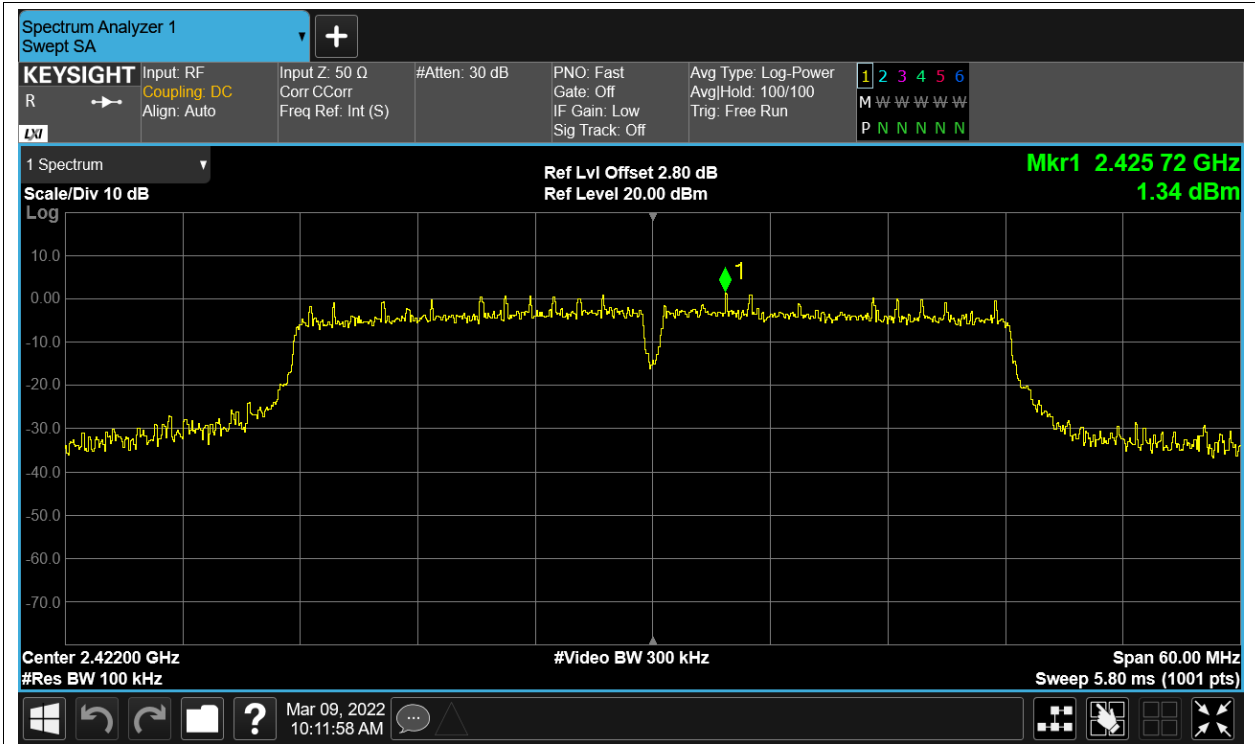
Band Edge NVNT n20 2462MHz Ant1 Ref



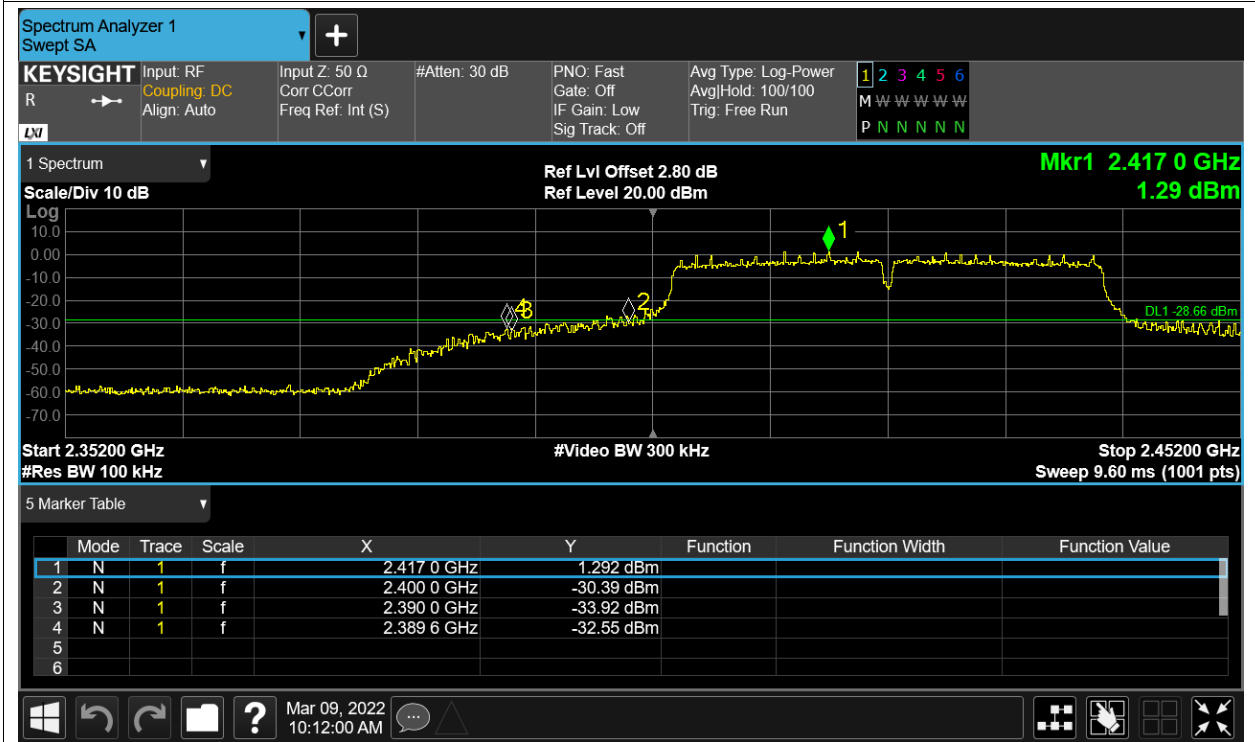
Band Edge NVNT n20 2462MHz Ant1 Emission



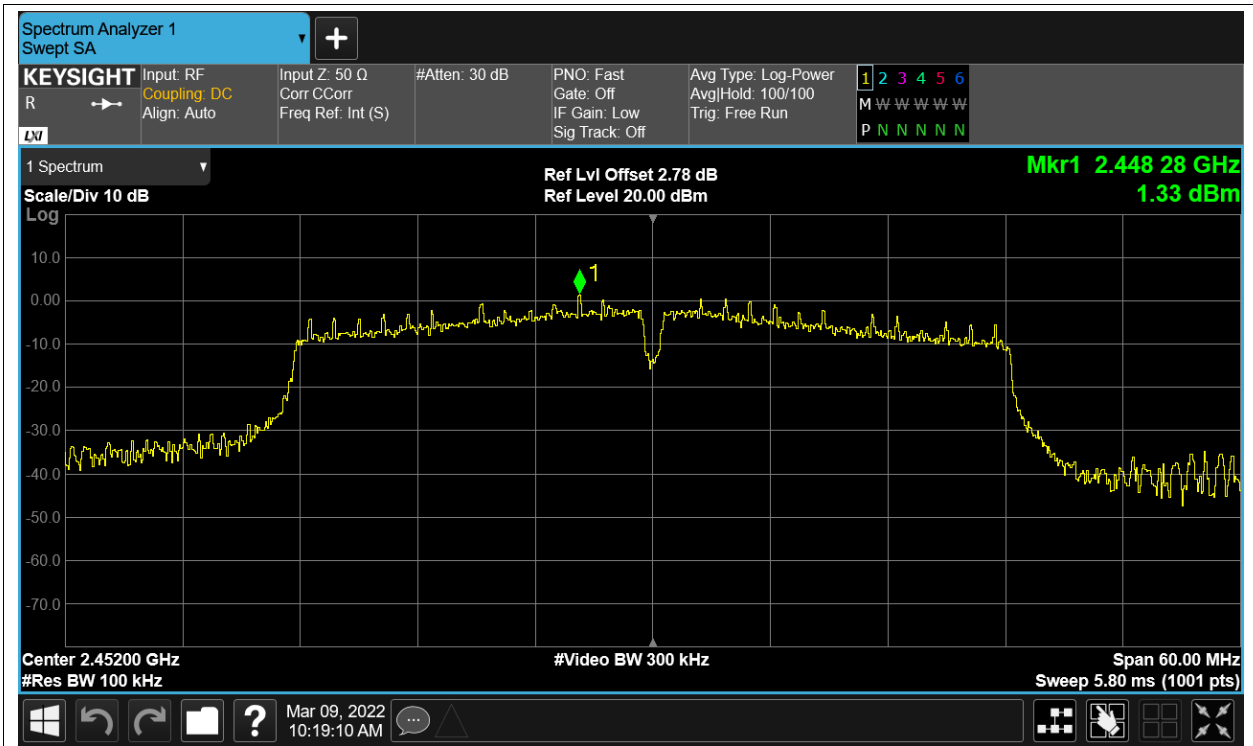
Band Edge NVNT n40 2422MHz Ant1 Ref



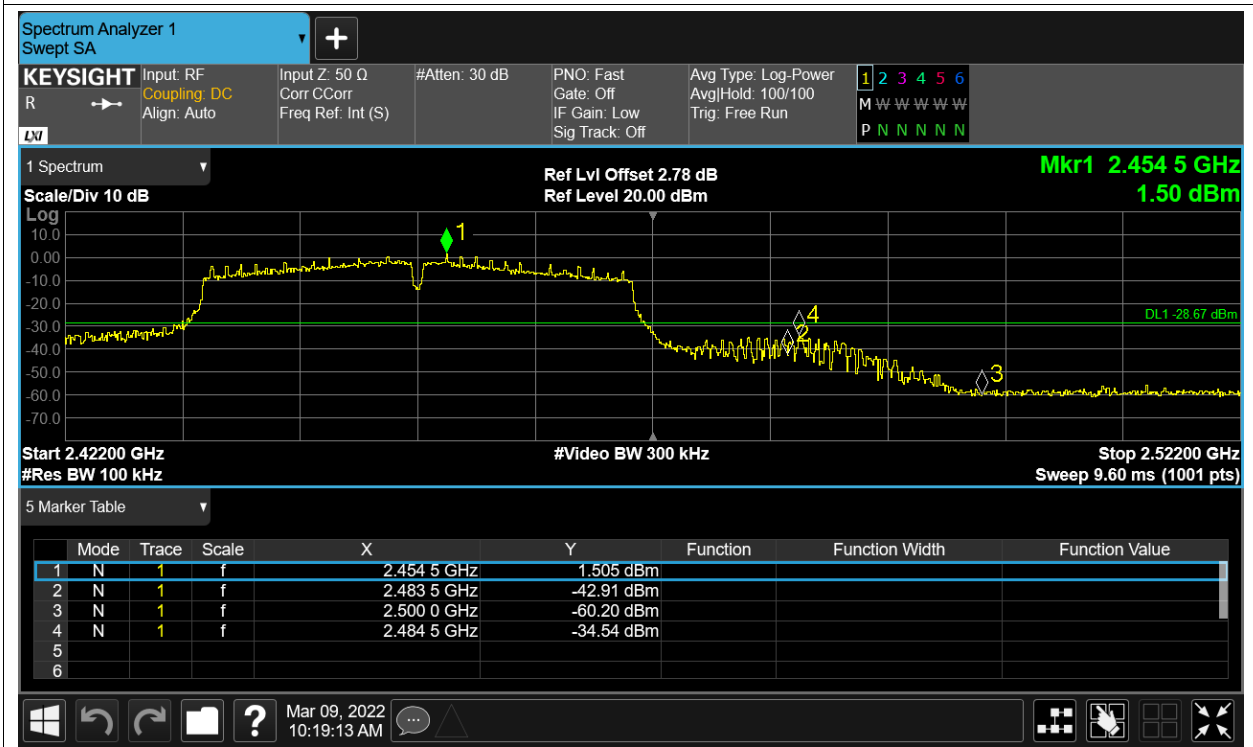
Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref



Band Edge NVNT n40 2452MHz Ant1 Emission

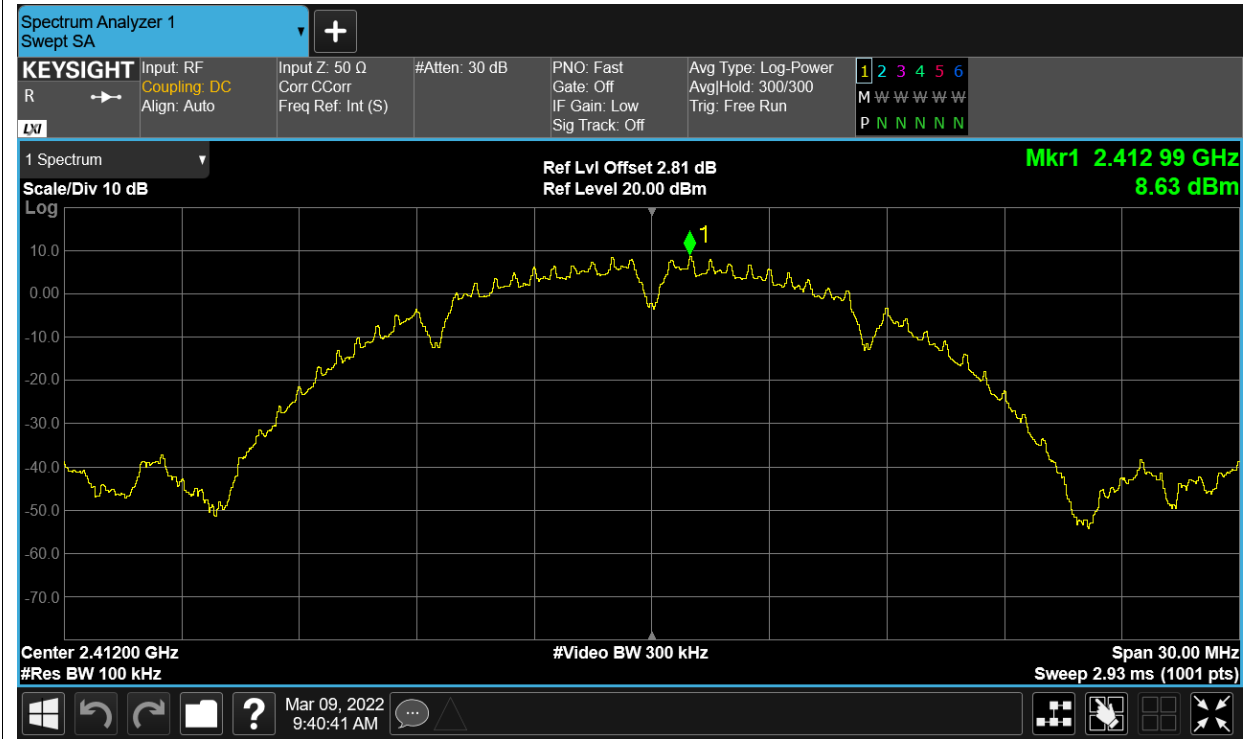


## Conducted RF Spurious Emission

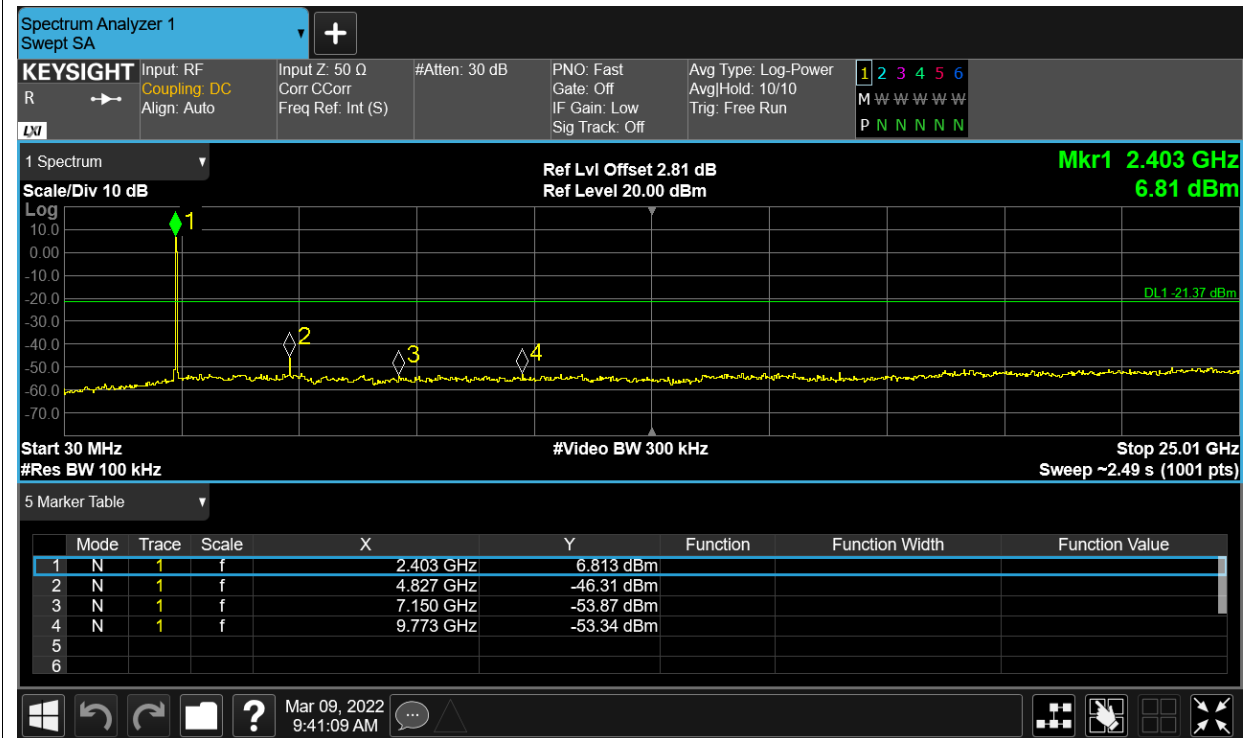
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -54.93          | -30         | Pass    |
| NVNT      | b    | 2437            | Ant1    | -52.97          | -43         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -54.74          | -30         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -54.9           | -30         | Pass    |
| NVNT      | g    | 2437            | Ant1    | -54.51          | -30         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -53.28          | -30         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -44.7           | -30         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -52.33          | -30         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -43.28          | -30         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -48.22          | -30         | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -38.35          | -30         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -43.96          | -30         | Pass    |

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref

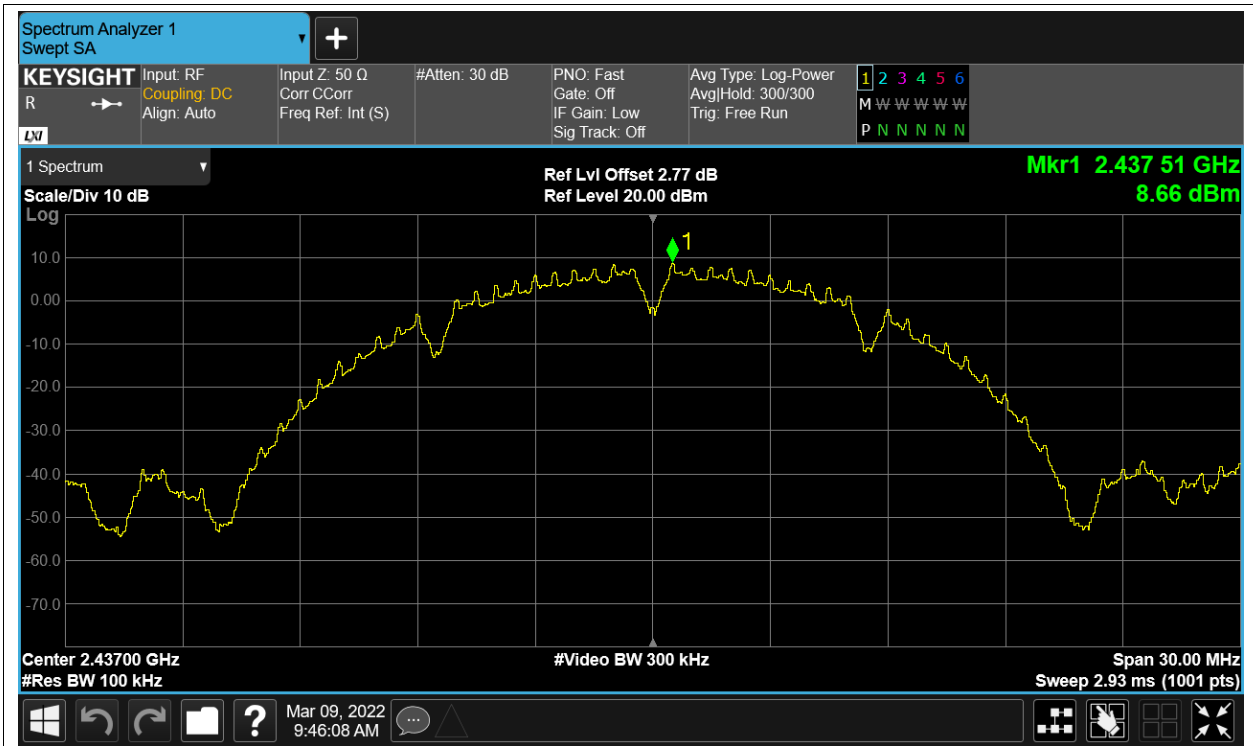


Tx. Spurious NVNT b 2412MHz Ant1 Emission

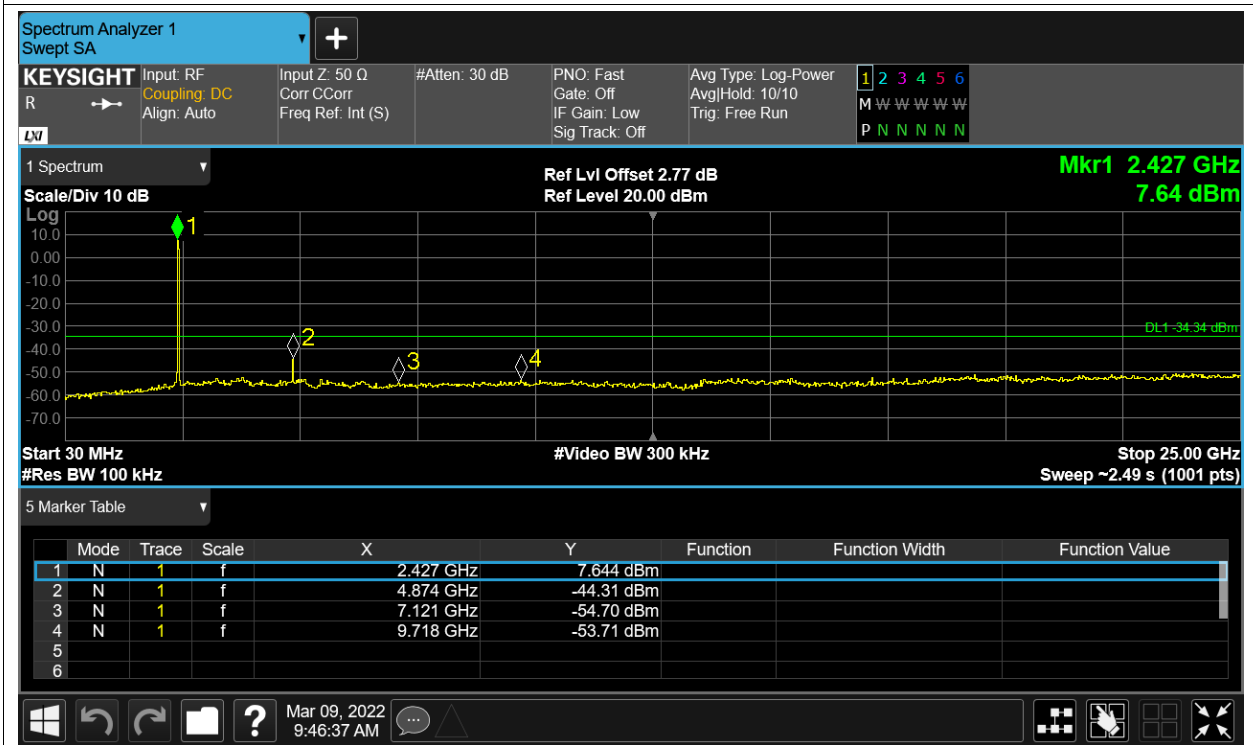


Tx. Spurious NVNT b 2437MHz Ant1 Ref

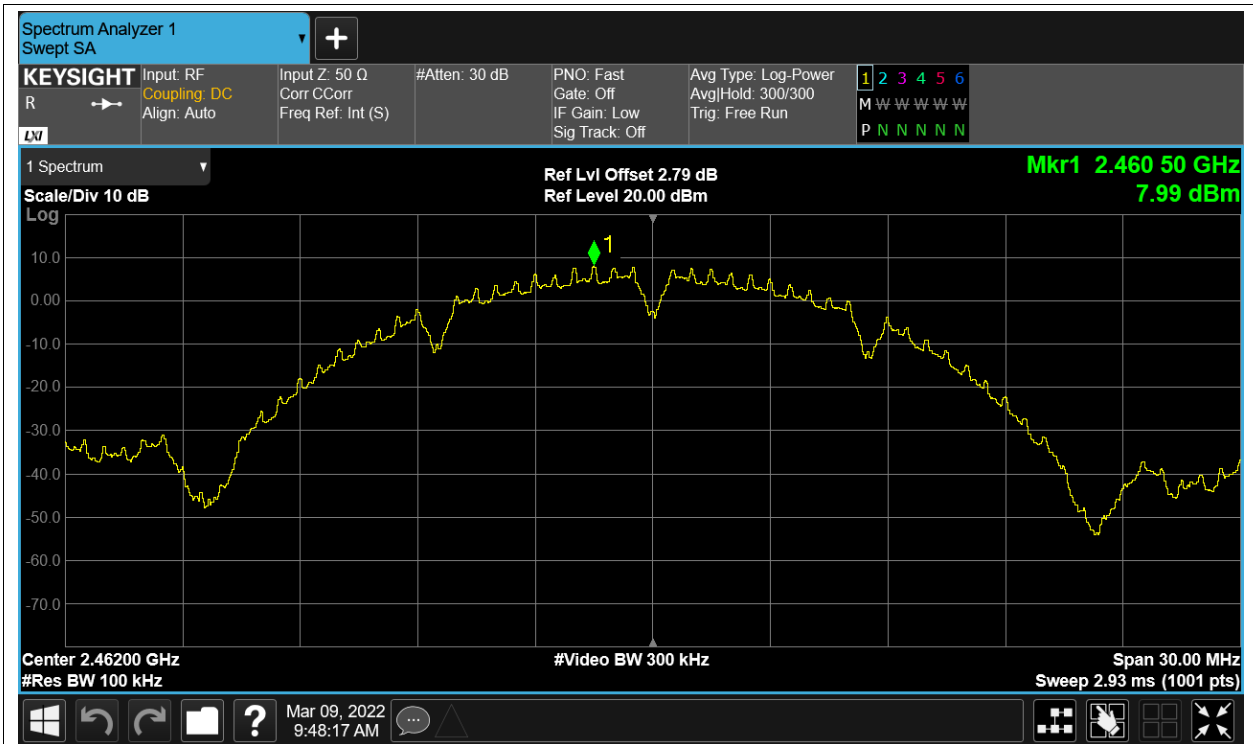




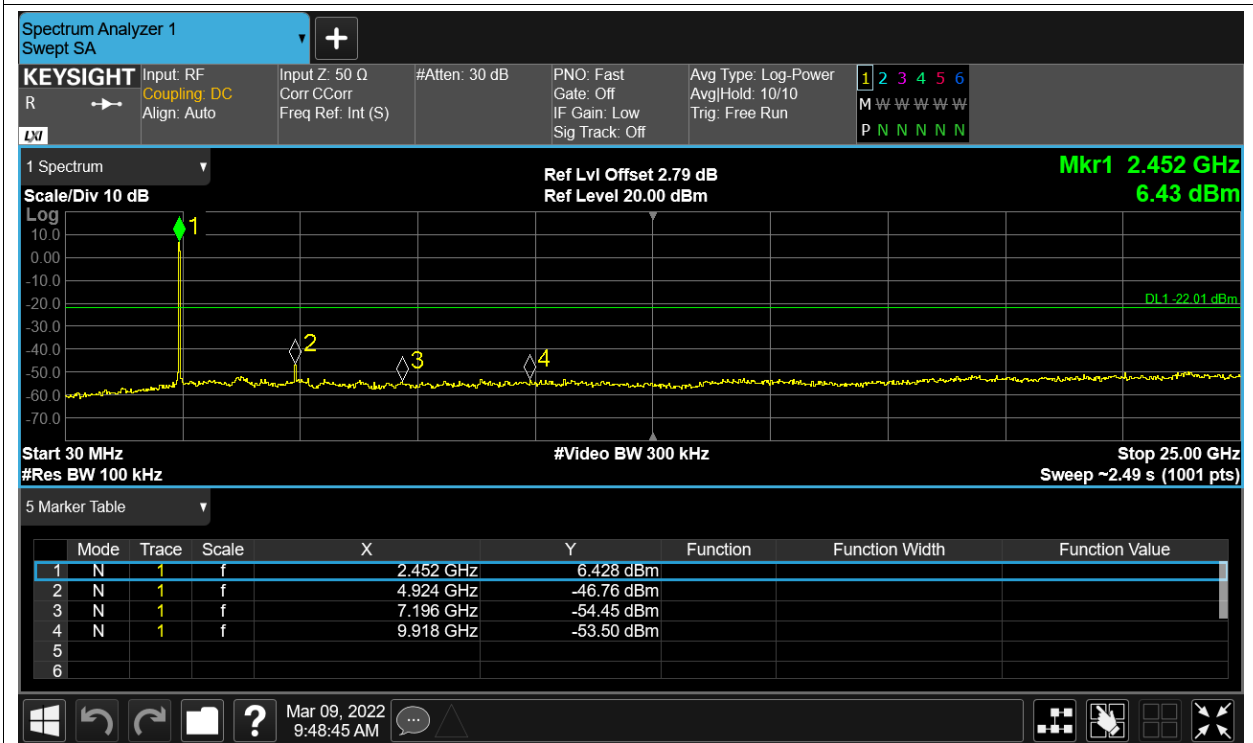
Tx. Spurious NVNT b 2437MHz Ant1 Emission



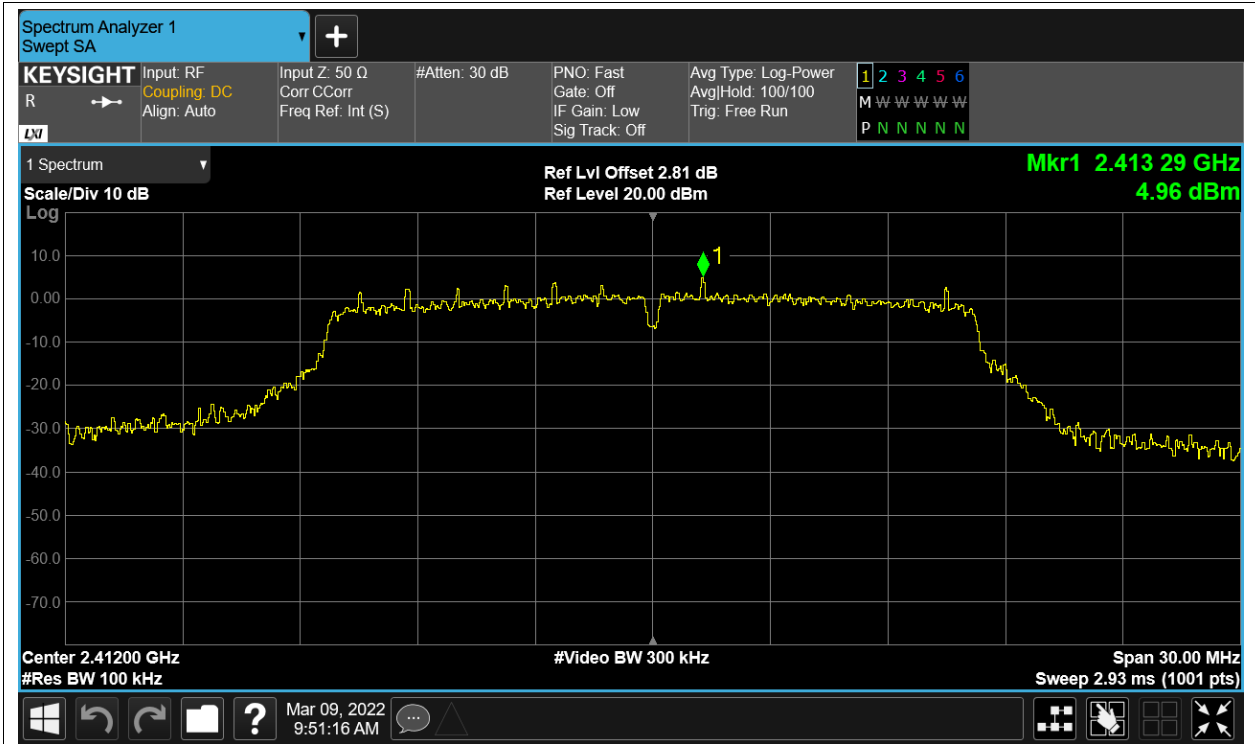
Tx. Spurious NVNT b 2462MHz Ant1 Ref



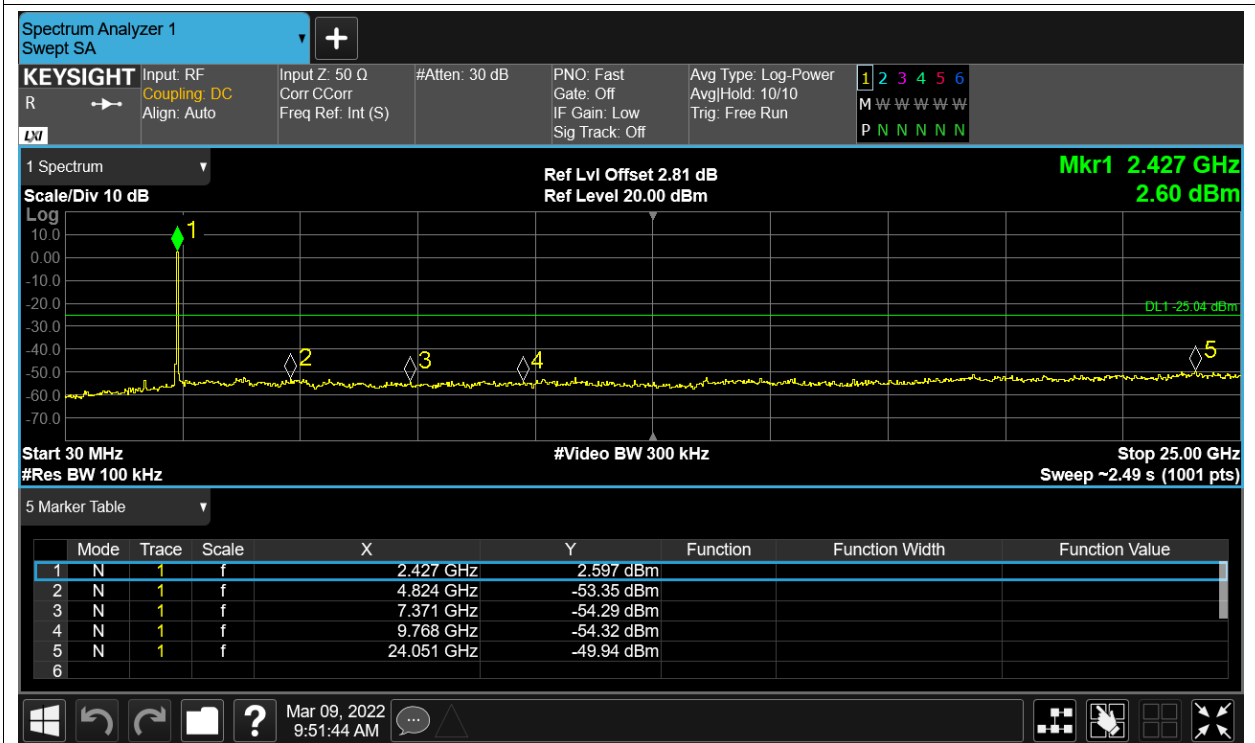
Tx. Spurious NVNT b 2462MHz Ant1 Emission



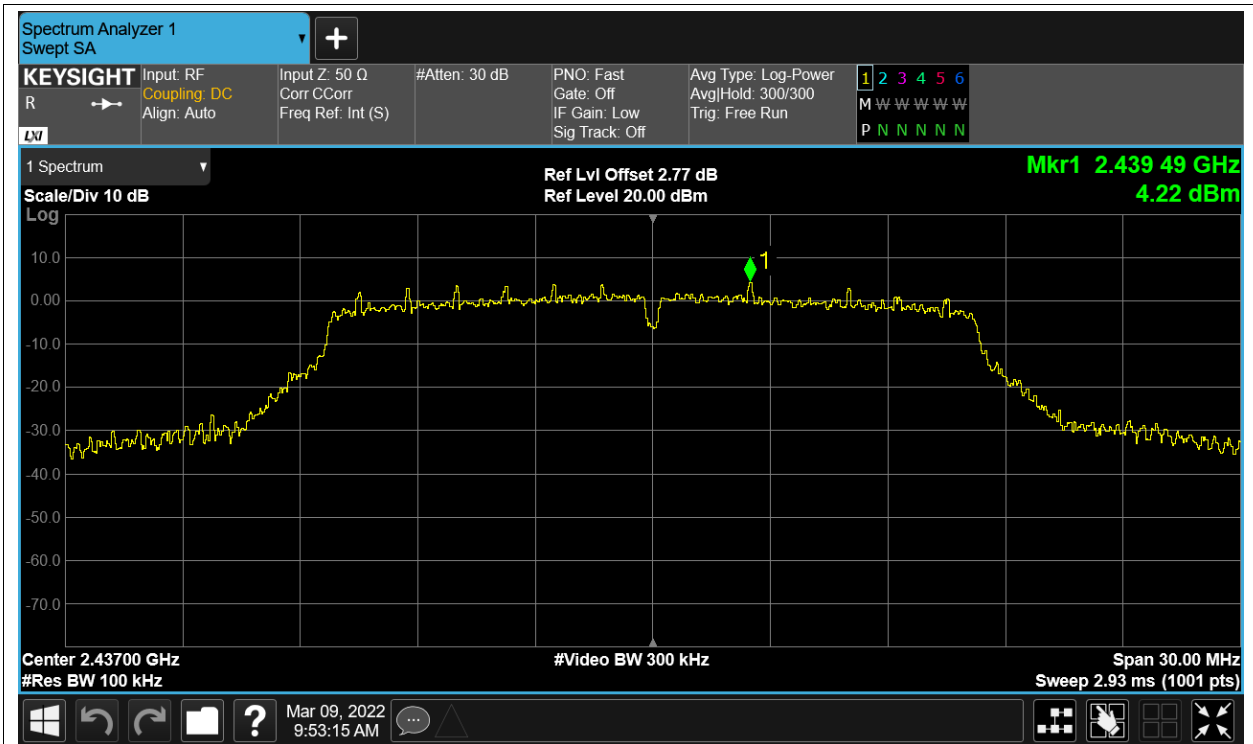
Tx. Spurious NVNT g 2412MHz Ant1 Ref



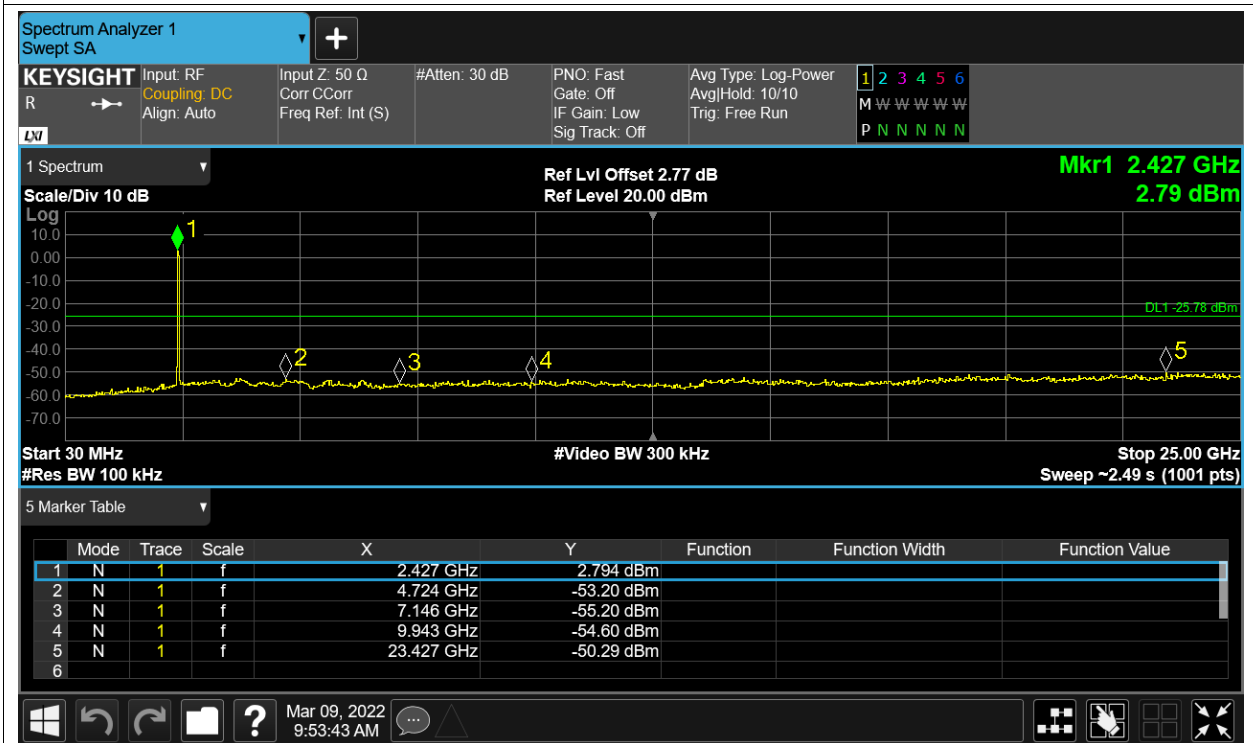
Tx. Spurious NVNT g 2412MHz Ant1 Emission



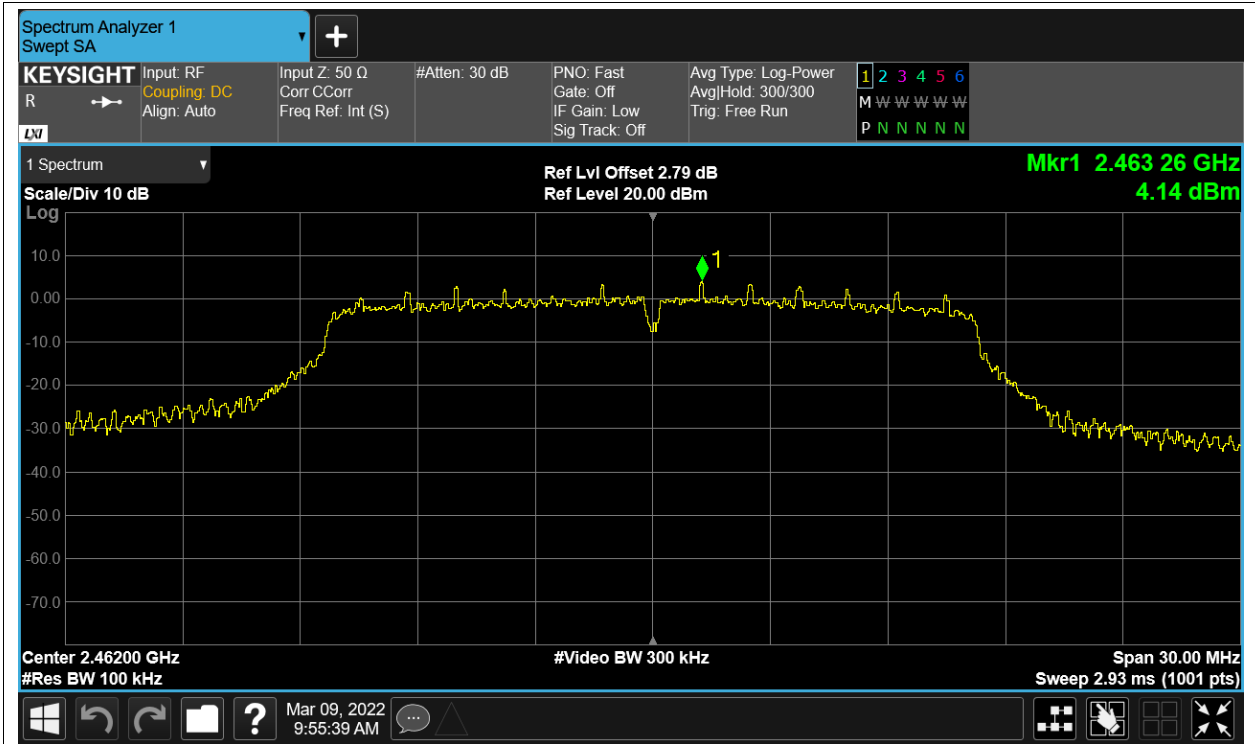
Tx. Spurious NVNT g 2437MHz Ant1 Ref



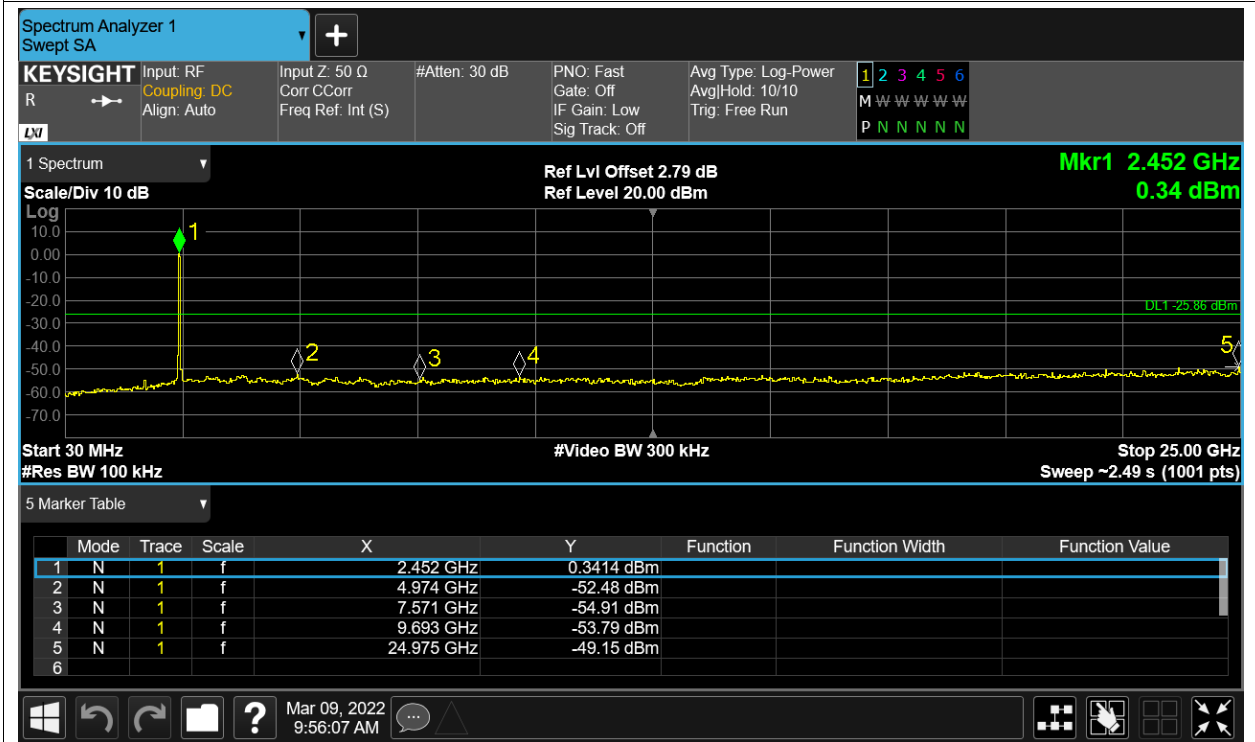
Tx. Spurious NVNT g 2437MHz Ant1 Emission



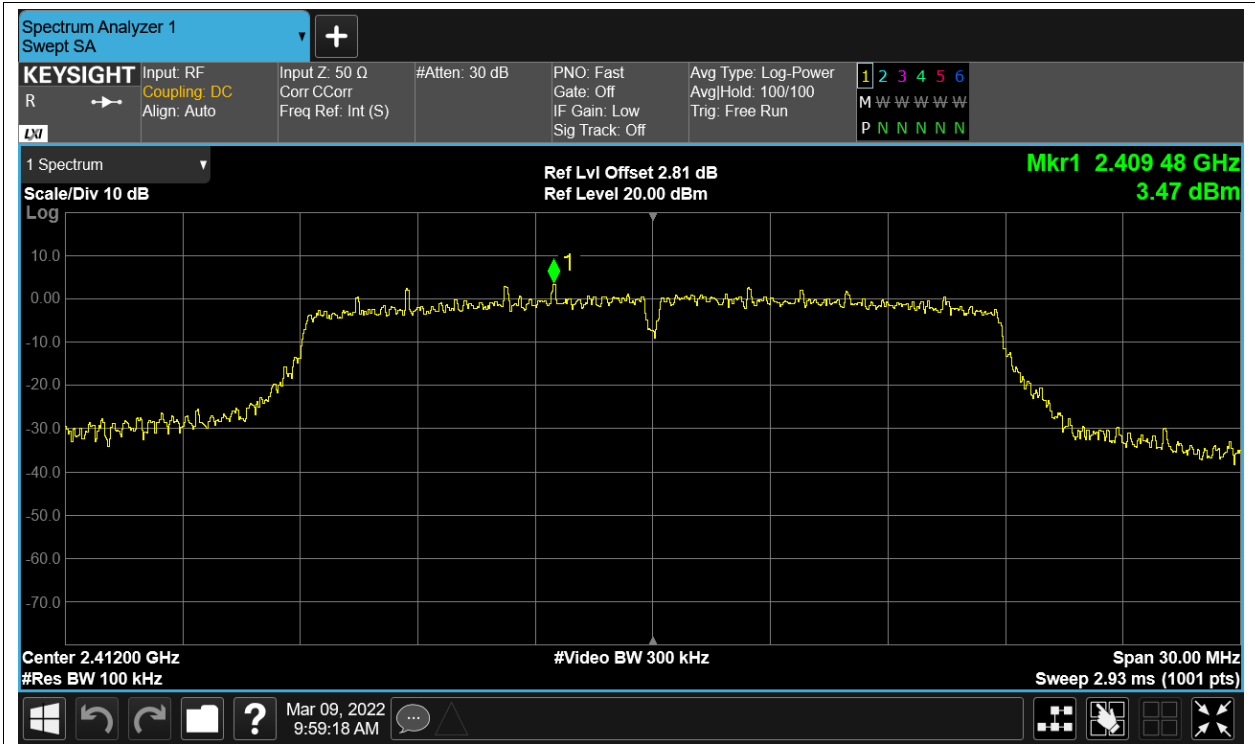
Tx. Spurious NVNT g 2462MHz Ant1 Ref



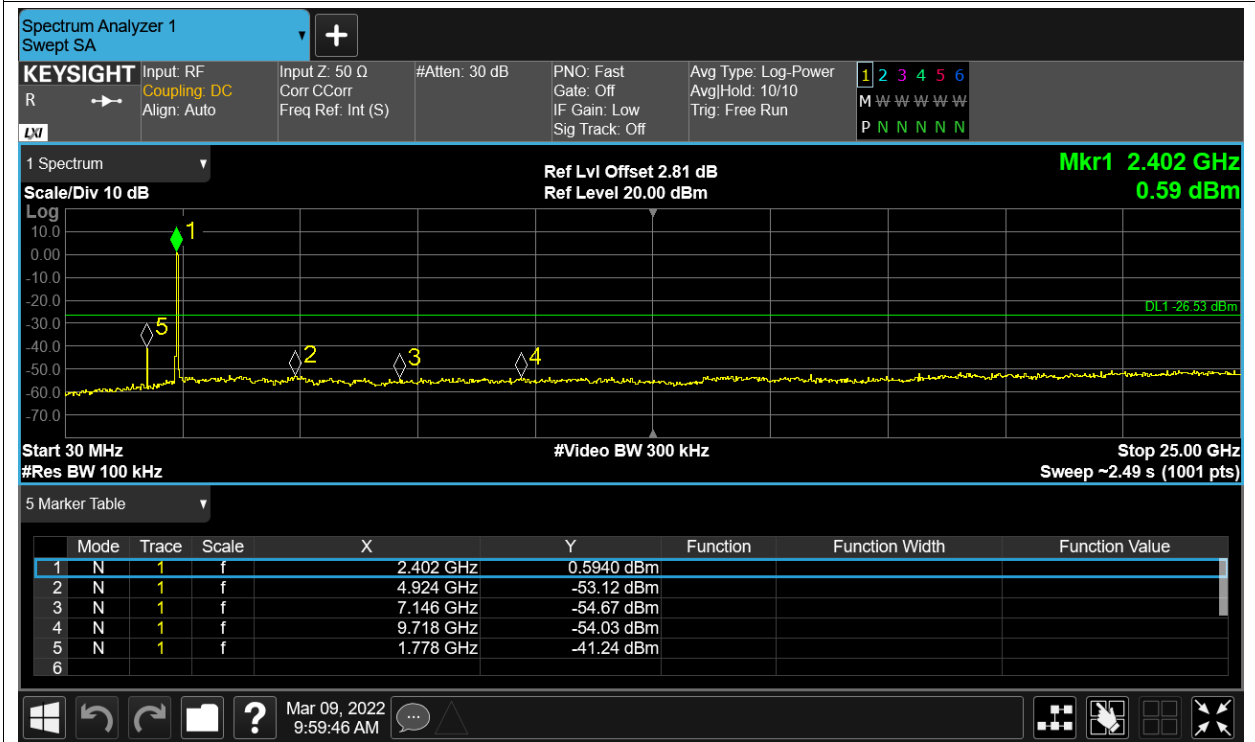
Tx. Spurious NVNT g 2462MHz Ant1 Emission



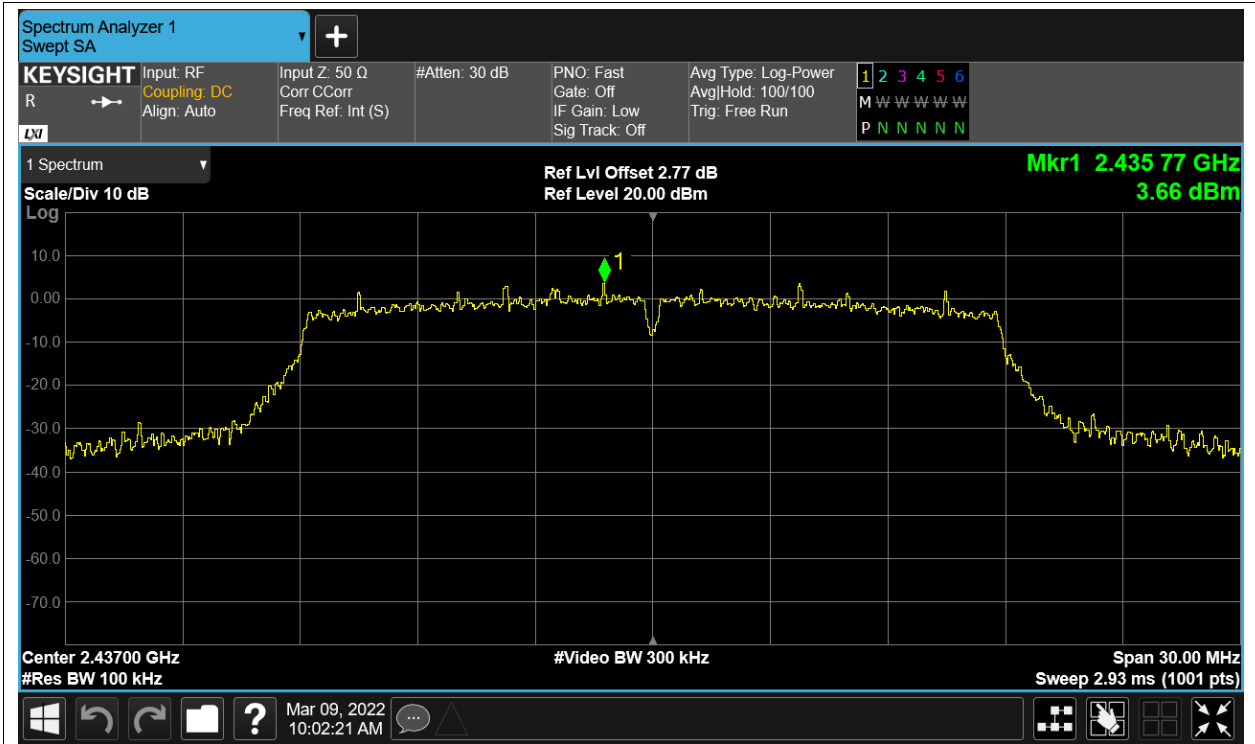
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



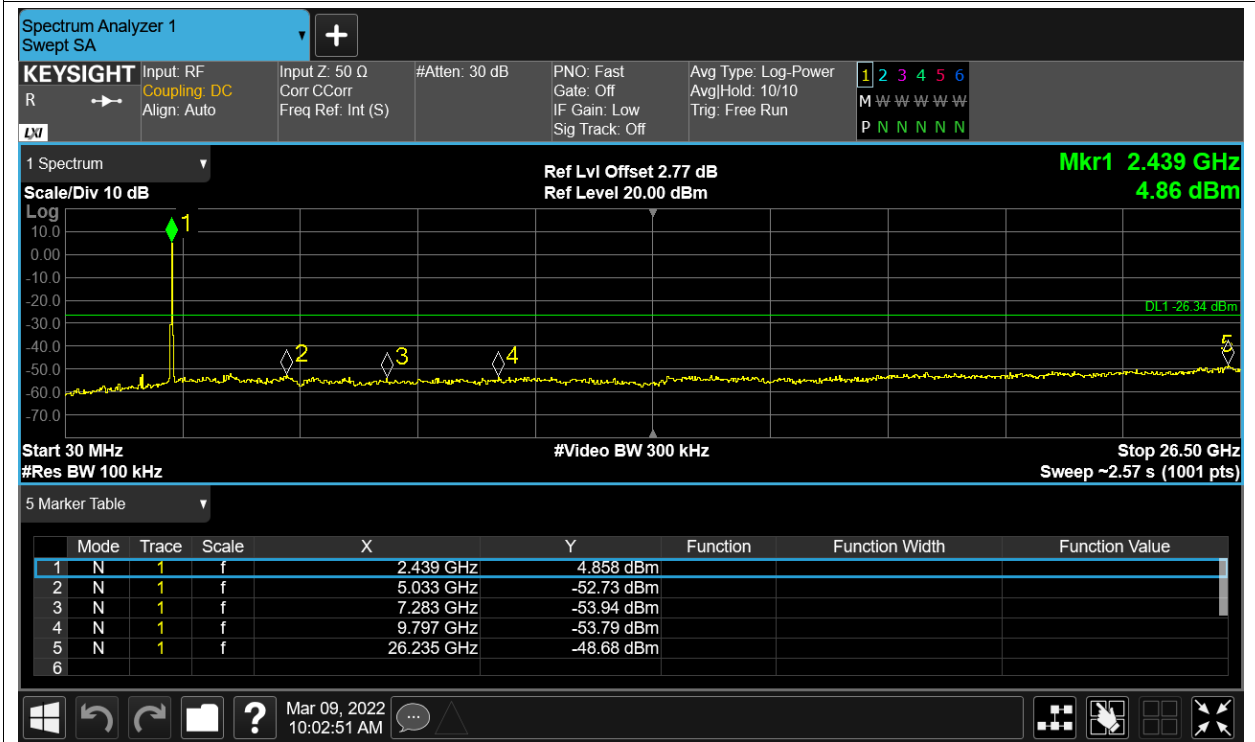
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



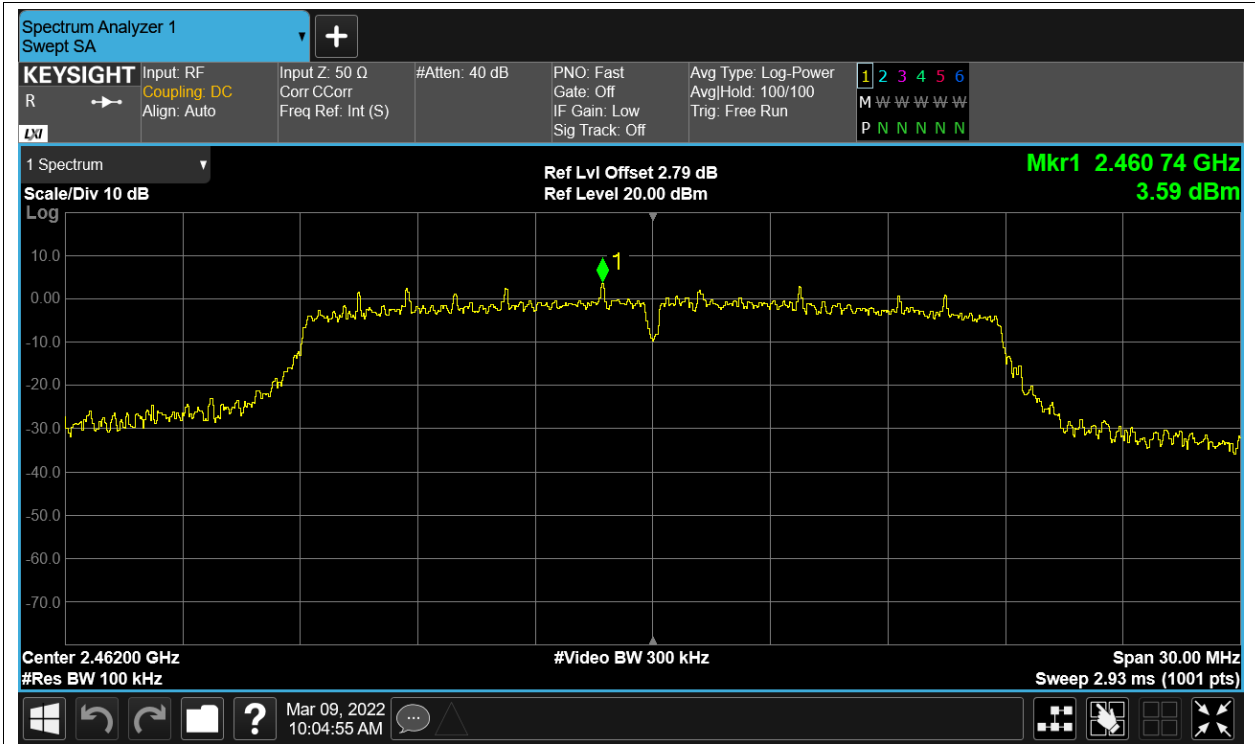
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



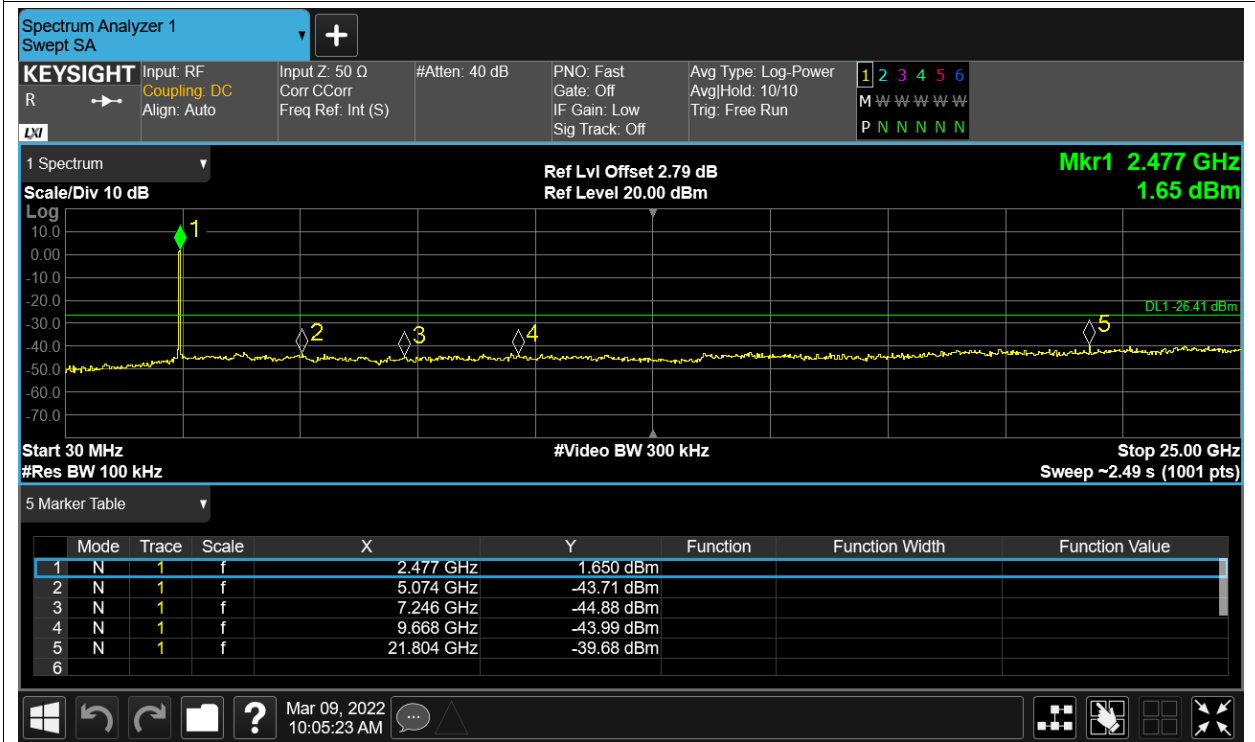
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Ref

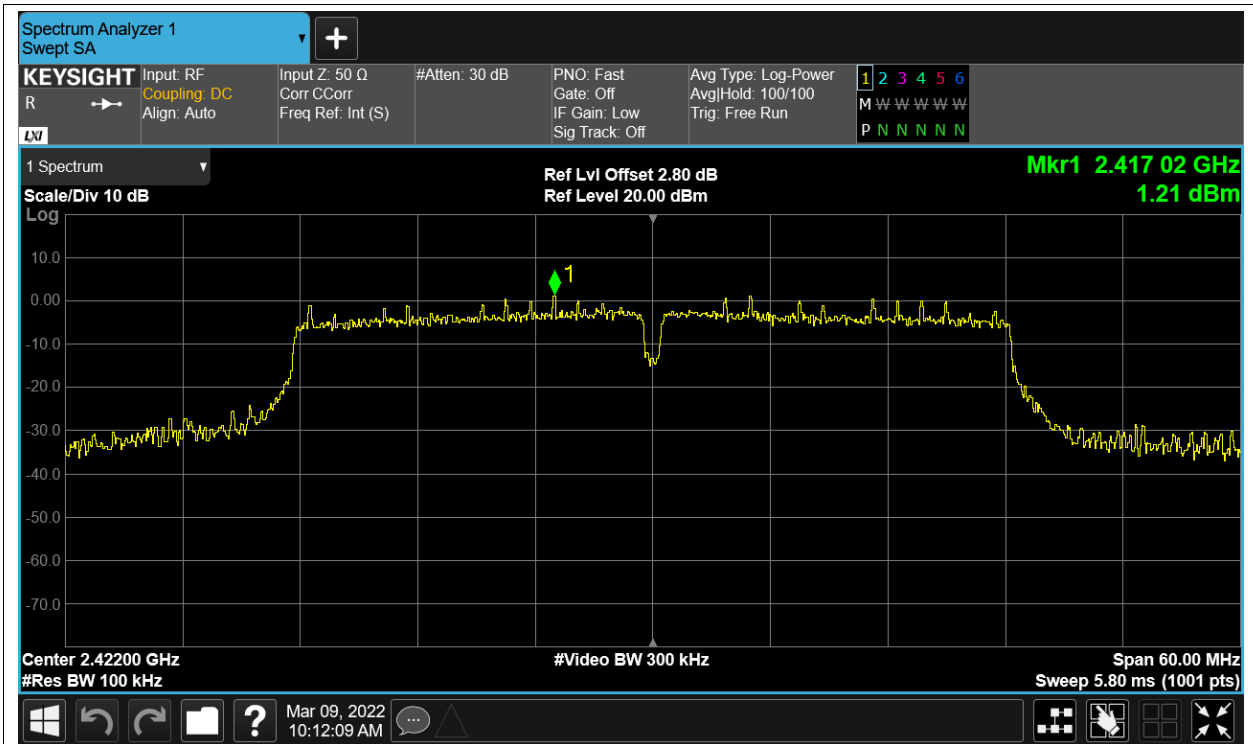


Tx. Spurious NVNT n20 2462MHz Ant1 Emission

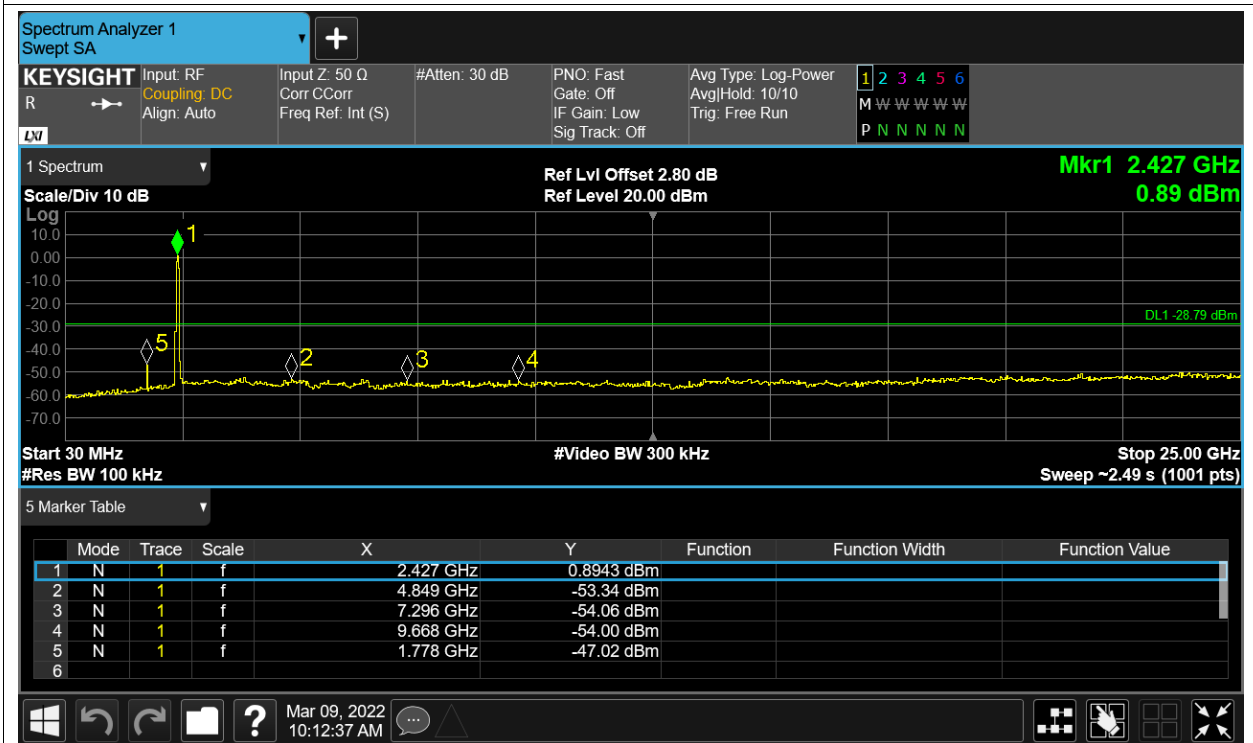


Tx. Spurious NVNT n40 2422MHz Ant1 Ref

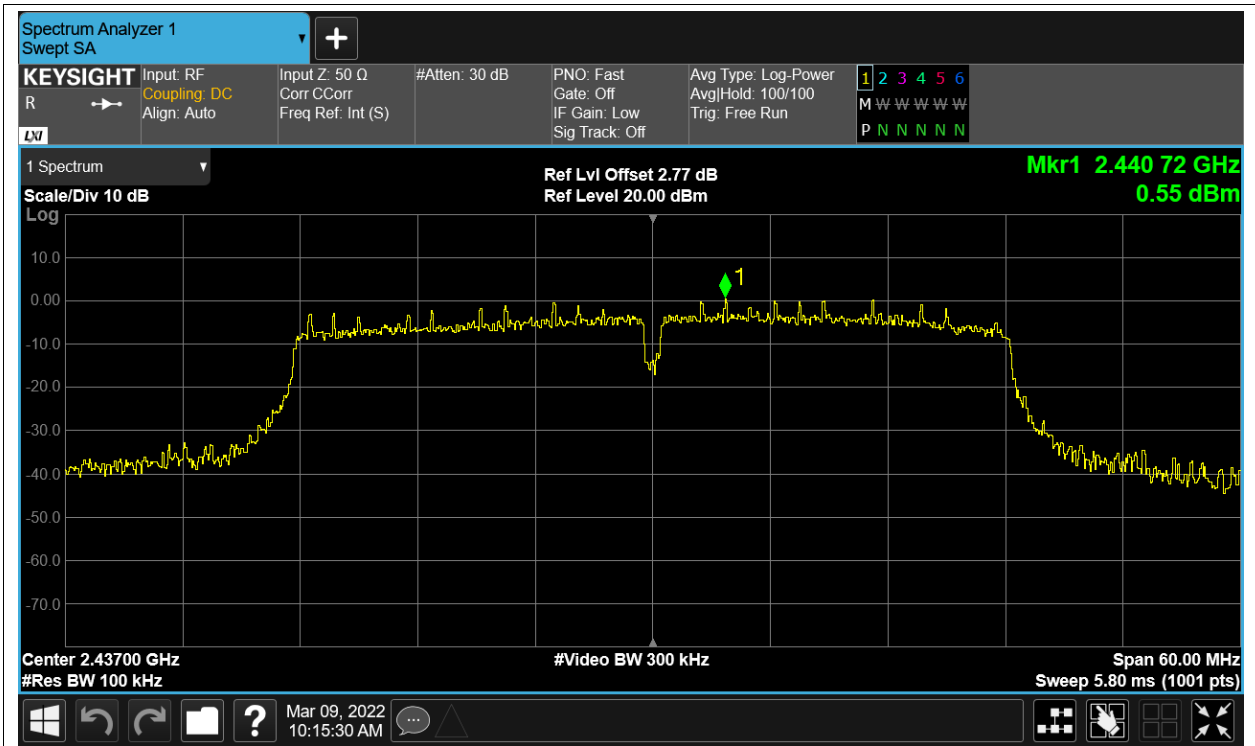




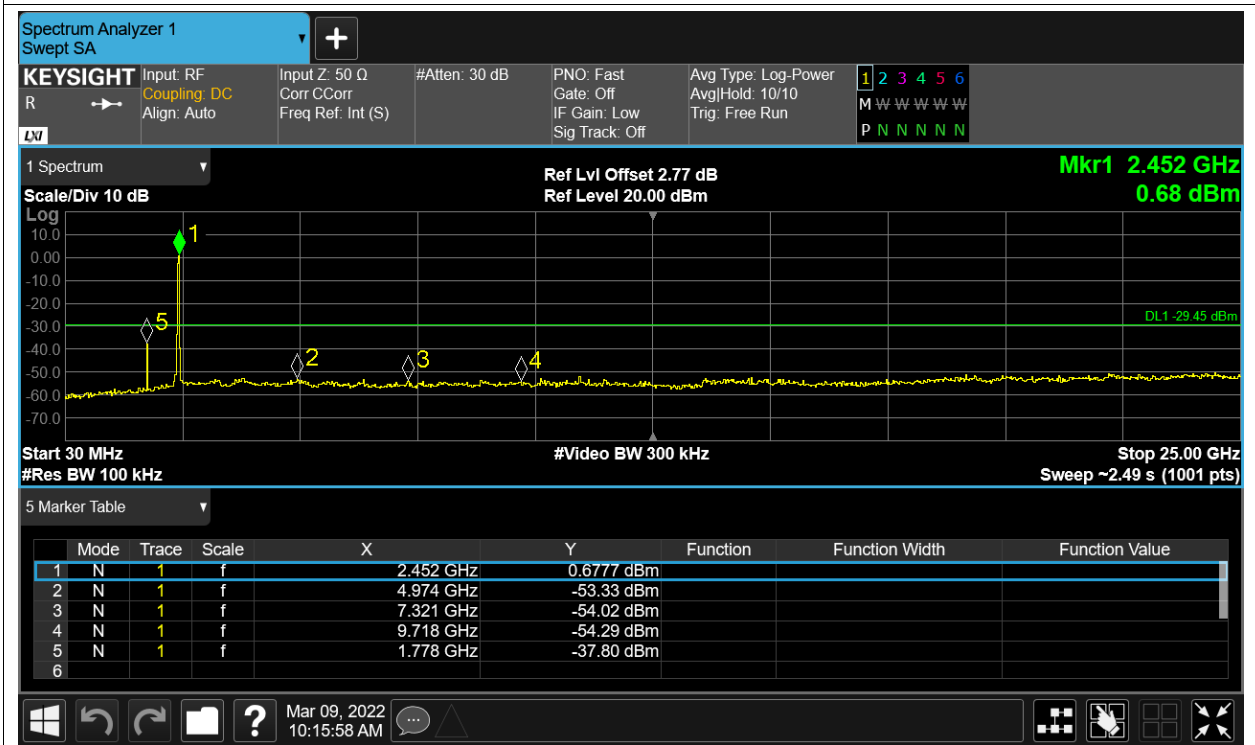
Tx. Spurious NVNT n40 2422MHz Ant1 Emission



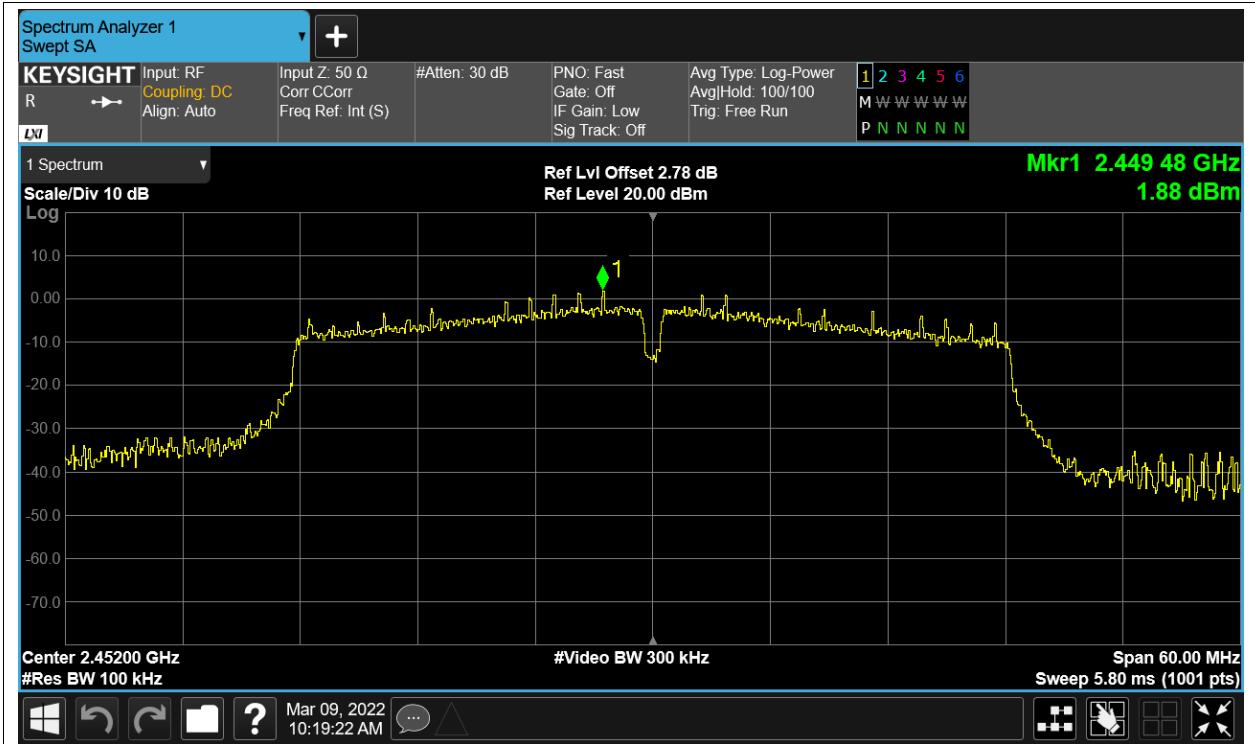
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission

