

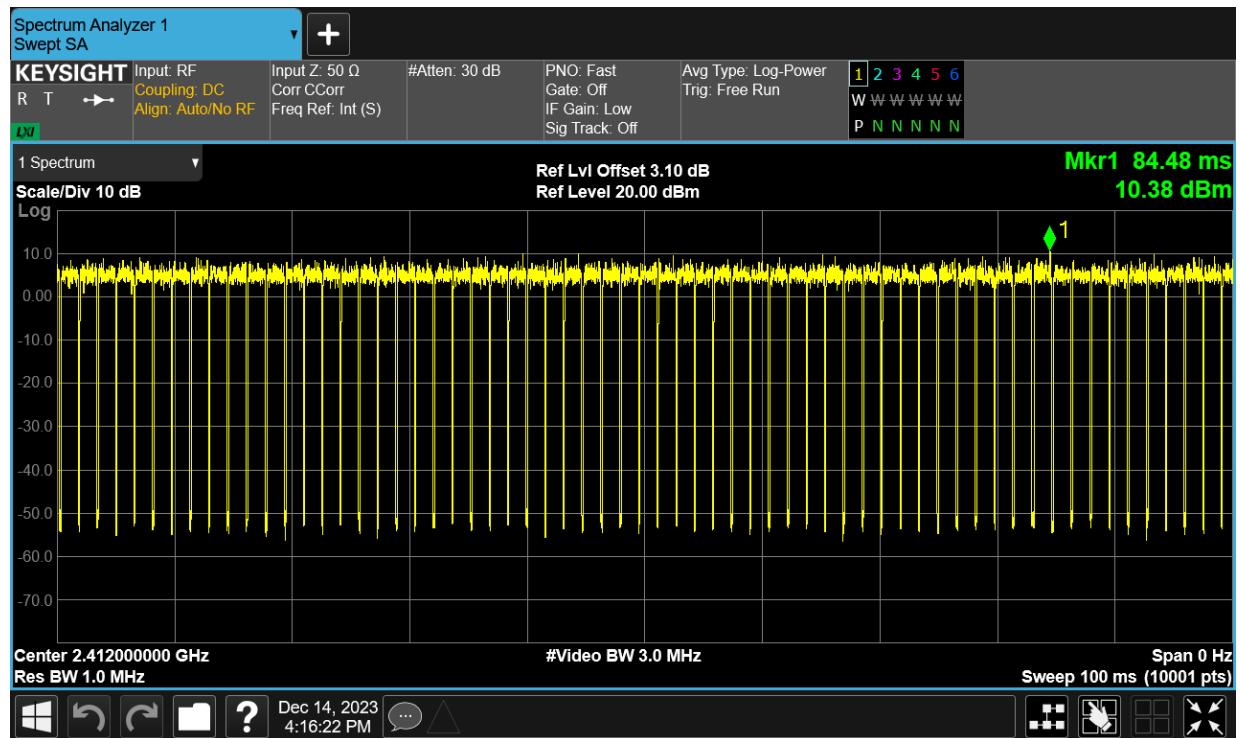
## Test Data

### Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|---------|----------------|------------------------|
| NVNT      | ax20 | 2412            | Ant1    | 92.17          | 0.35                   |
| NVNT      | ax20 | 2437            | Ant1    | 92.36          | 0.35                   |
| NVNT      | ax20 | 2462            | Ant1    | 92.72          | 0.33                   |
| NVNT      | ax40 | 2422            | Ant1    | 86.93          | 0.61                   |
| NVNT      | ax40 | 2437            | Ant1    | 86.89          | 0.61                   |
| NVNT      | ax40 | 2452            | Ant1    | 65.22          | 1.86                   |
| NVNT      | b    | 2412            | Ant1    | 98.93          | 0.05                   |
| NVNT      | b    | 2437            | Ant1    | 96.7           | 0.15                   |
| NVNT      | b    | 2462            | Ant1    | 99.13          | 0.04                   |
| NVNT      | g    | 2412            | Ant1    | 92.74          | 0.33                   |
| NVNT      | g    | 2437            | Ant1    | 83.24          | 0.8                    |
| NVNT      | g    | 2462            | Ant1    | 94.26          | 0.26                   |
| NVNT      | n20  | 2412            | Ant1    | 94.22          | 0.26                   |
| NVNT      | n20  | 2437            | Ant1    | 77.92          | 1.08                   |
| NVNT      | n20  | 2462            | Ant1    | 94.31          | 0.25                   |
| NVNT      | n40  | 2422            | Ant1    | 86.61          | 0.62                   |
| NVNT      | n40  | 2437            | Ant1    | 88.91          | 0.51                   |
| NVNT      | n40  | 2452            | Ant1    | 69.81          | 1.56                   |

## Test Graphs

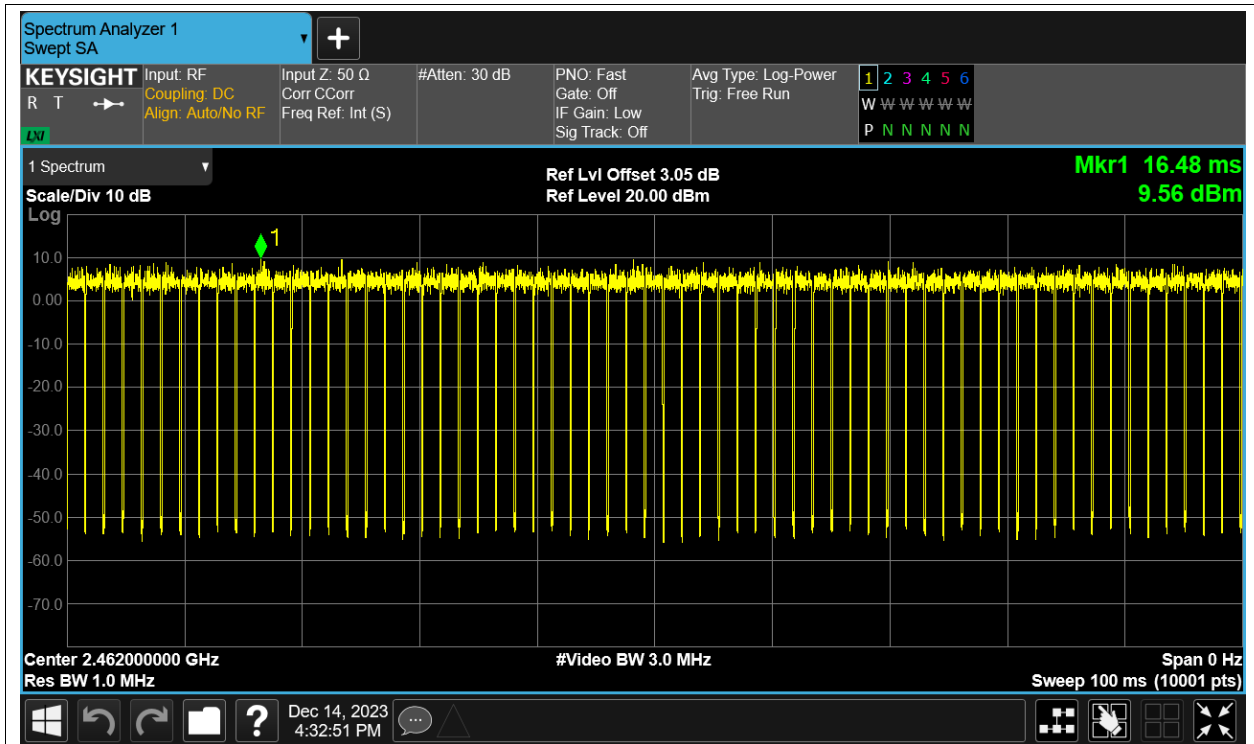
Duty Cycle NVNT ax20 2412MHz Ant1



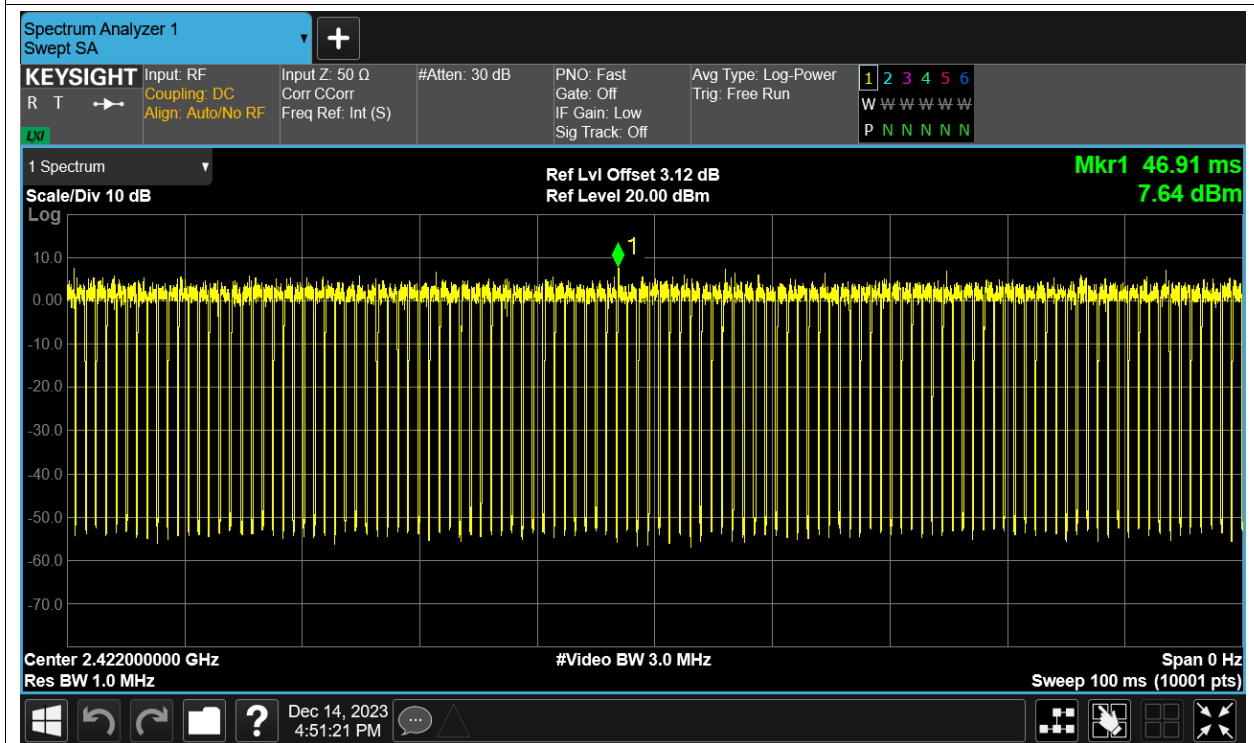
Duty Cycle NVNT ax20 2437MHz Ant1



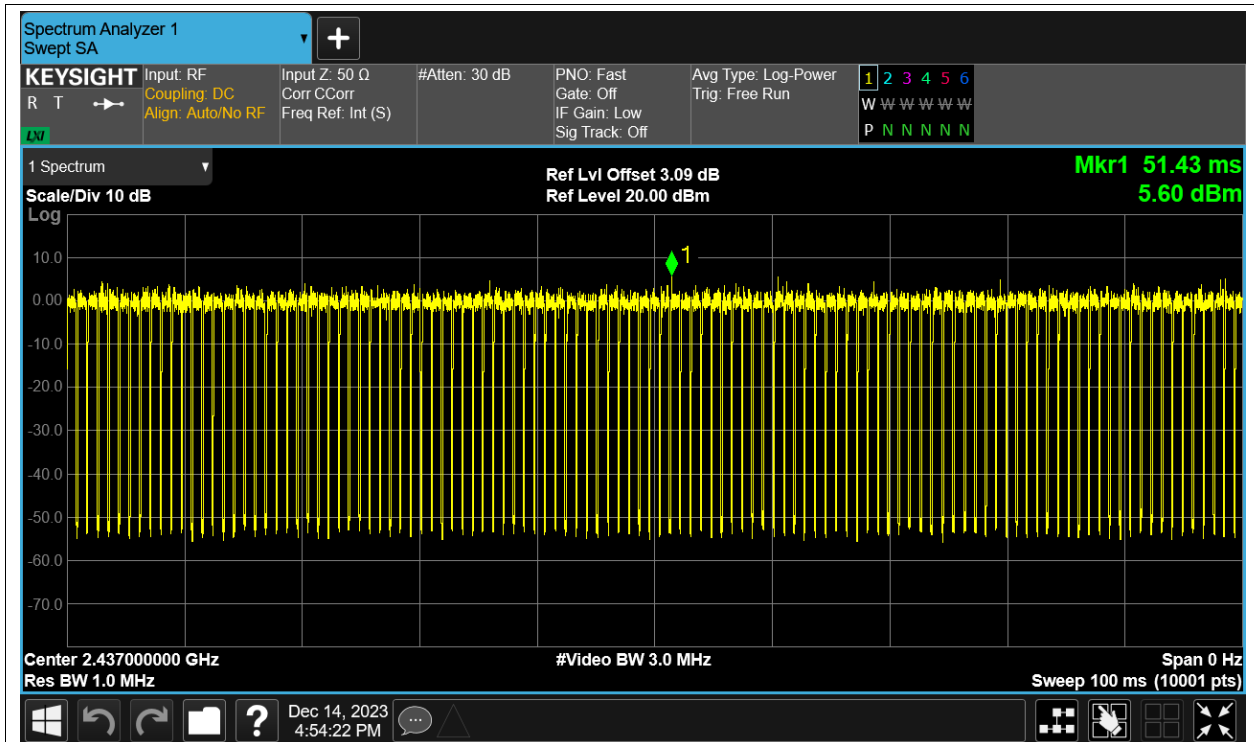
Duty Cycle NVNT ax20 2462MHz Ant1



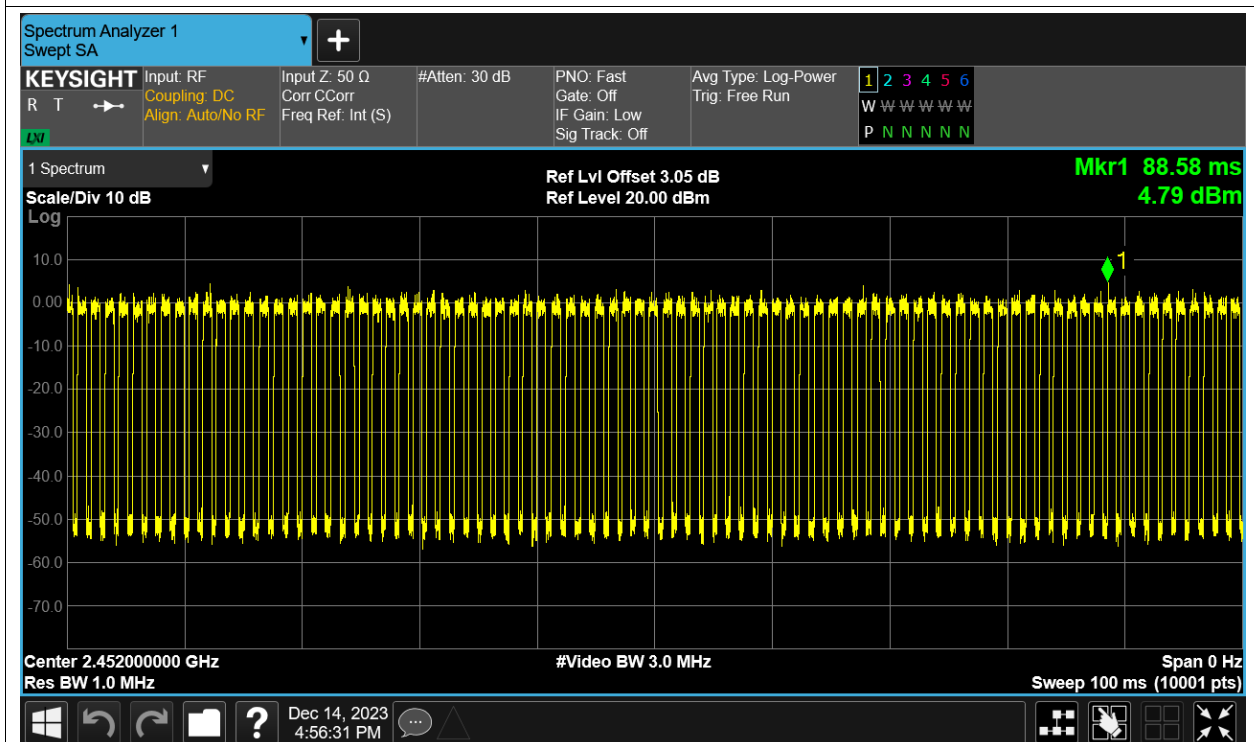
Duty Cycle NVNT ax40 2422MHz Ant1



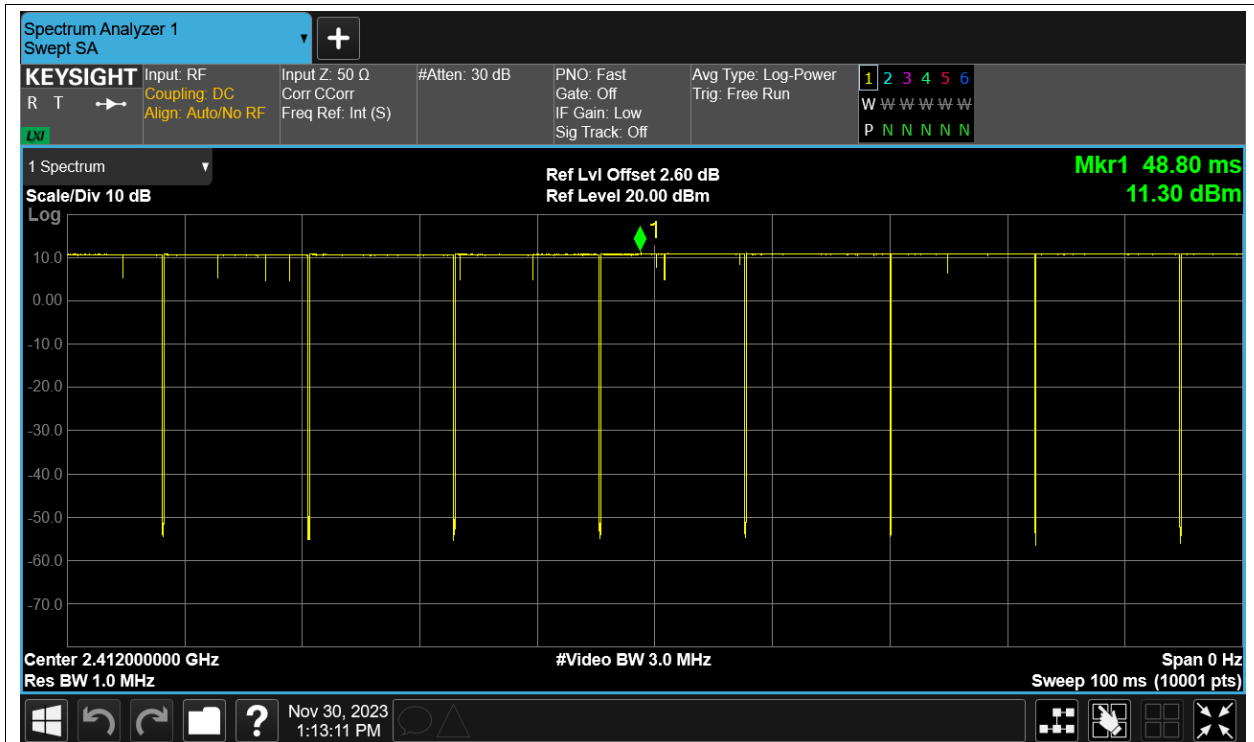
Duty Cycle NVNT ax40 2437MHz Ant1



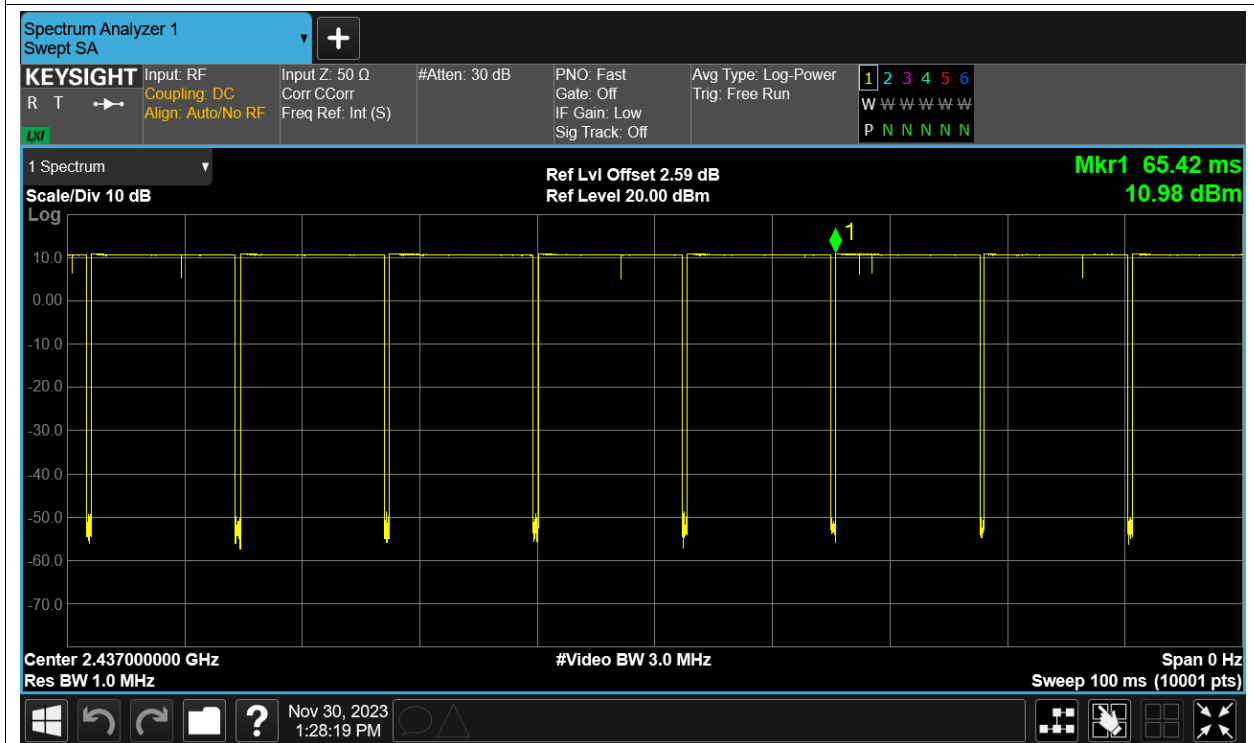
Duty Cycle NVNT ax40 2452MHz Ant1



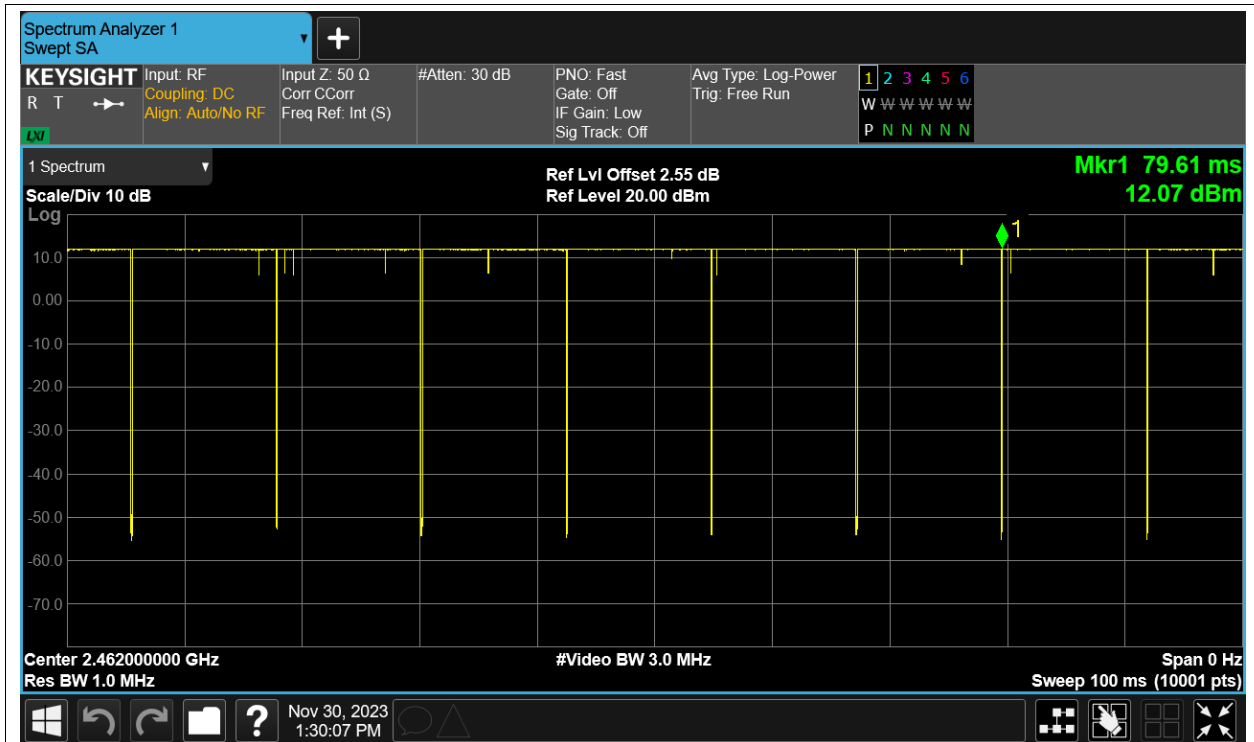
Duty Cycle NVNT b 2412MHz Ant1



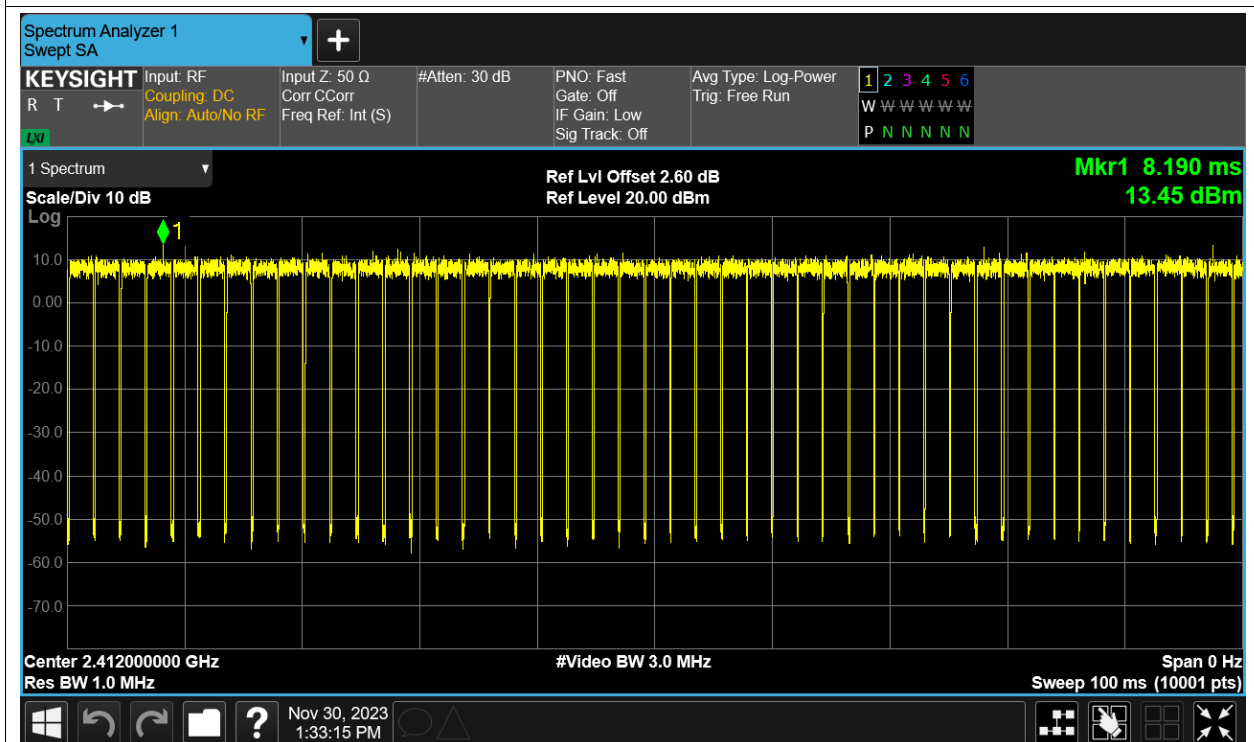
Duty Cycle NVNT b 2437MHz Ant1



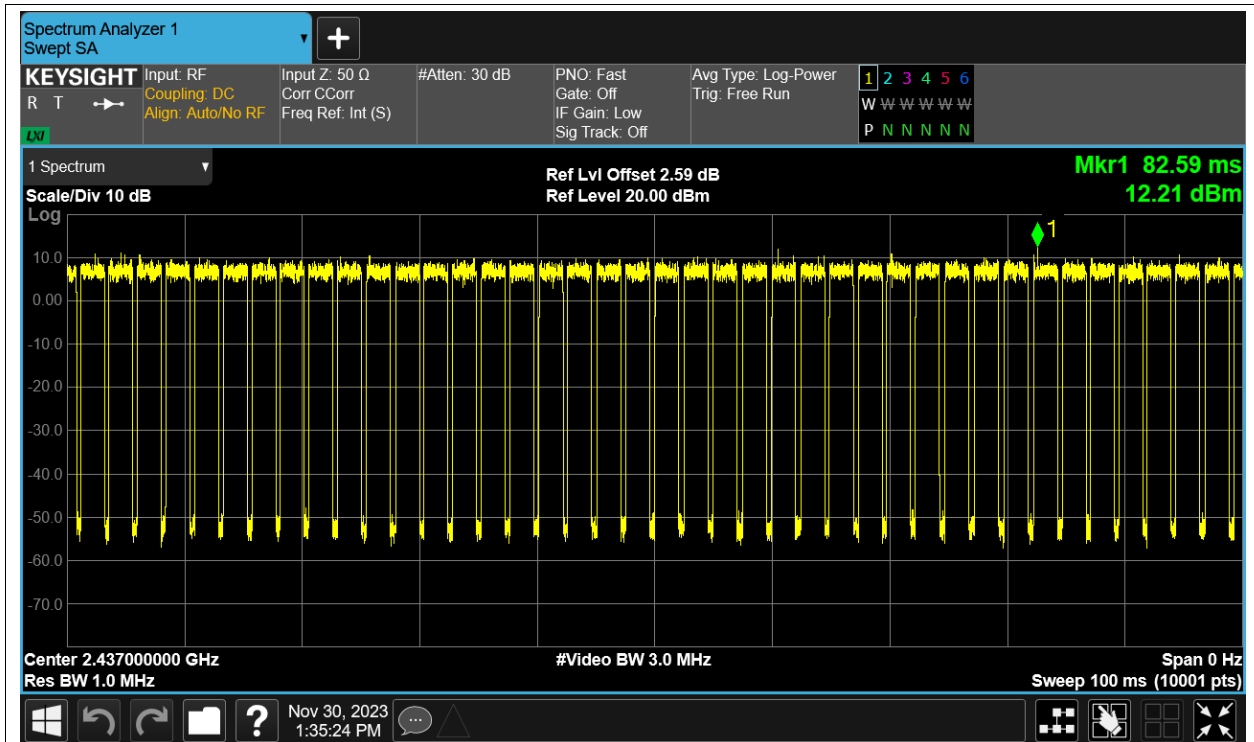
Duty Cycle NVNT b 2462MHz Ant1



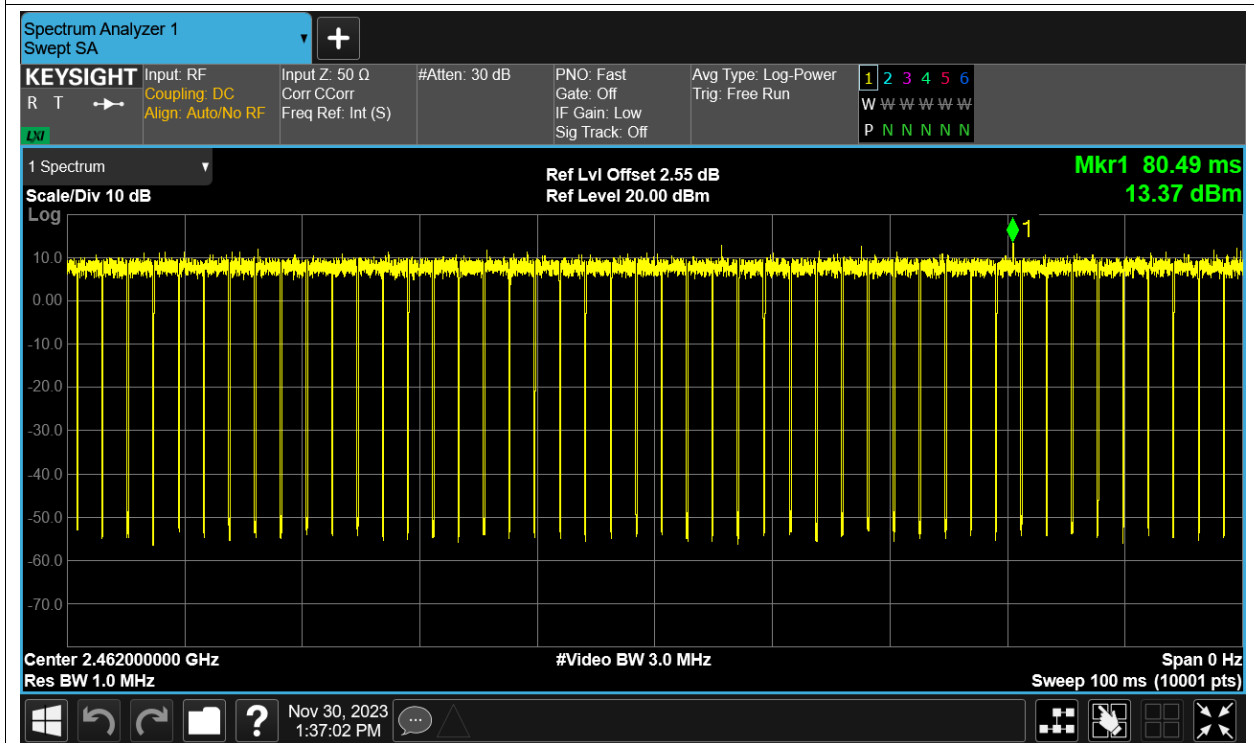
Duty Cycle NVNT g 2412MHz Ant1



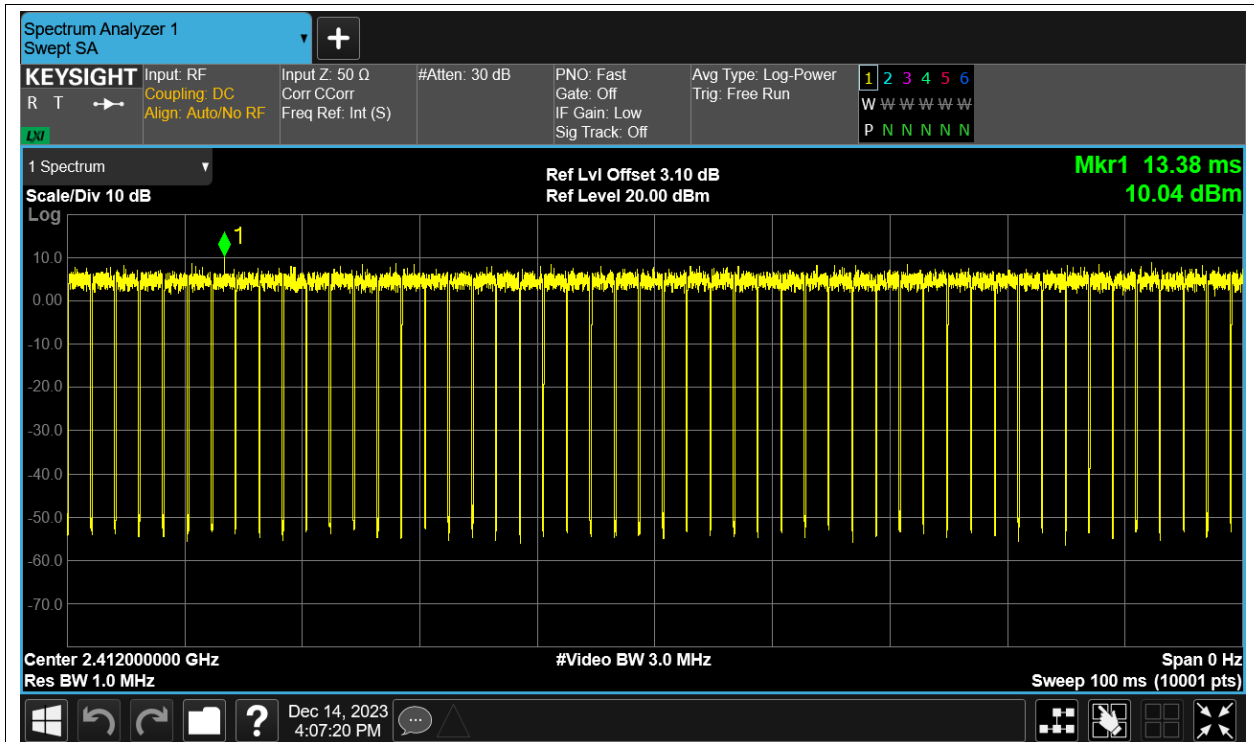
Duty Cycle NVNT g 2437MHz Ant1



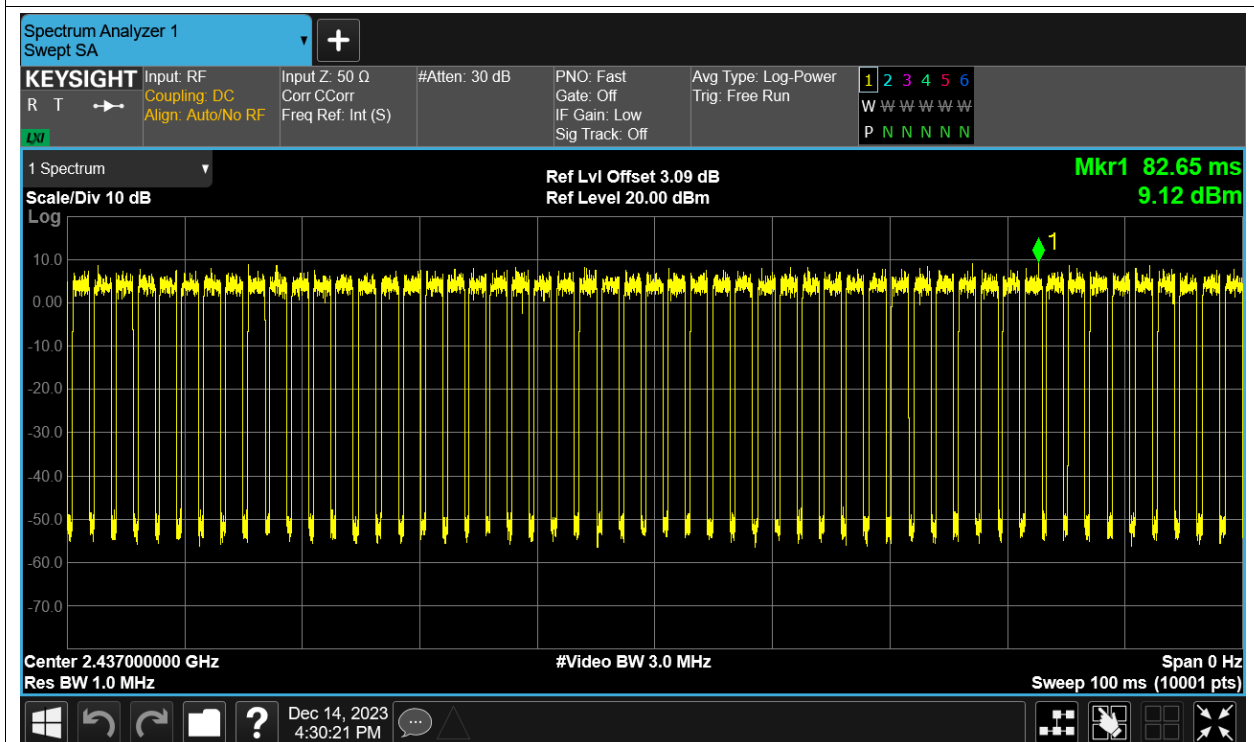
Duty Cycle NVNT g 2462MHz Ant1



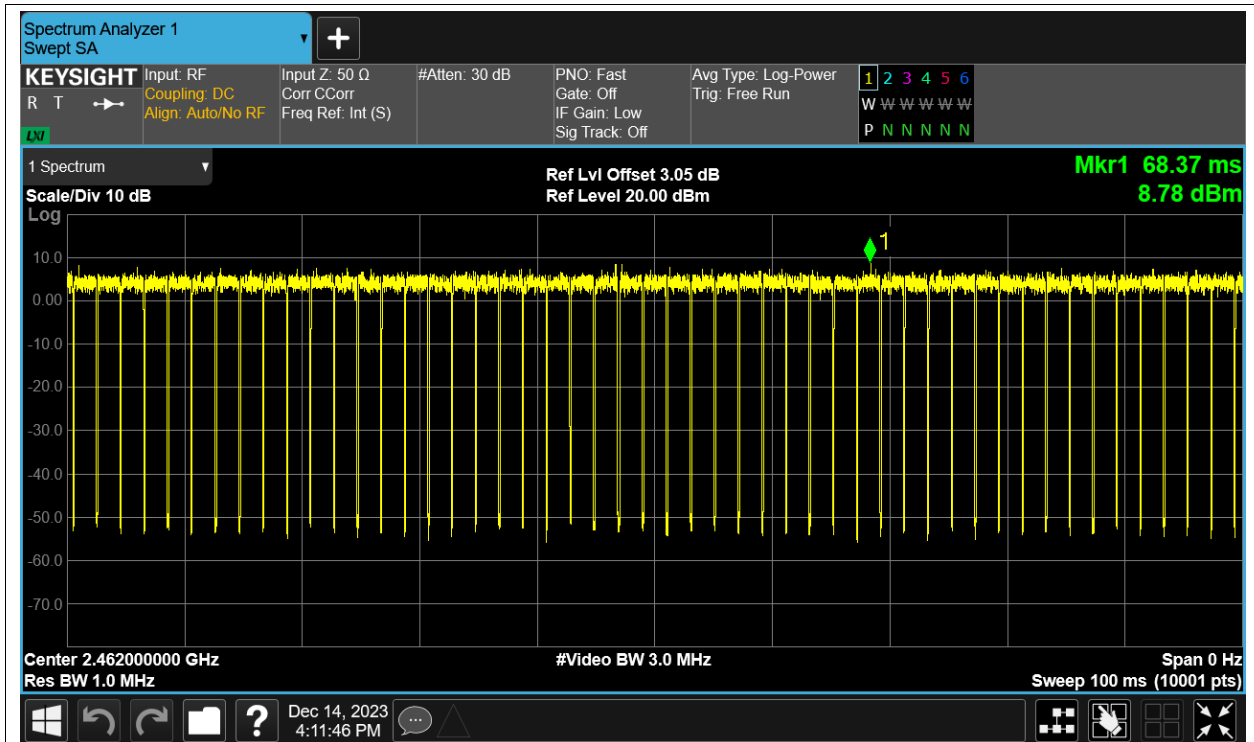
Duty Cycle NVNT n20 2412MHz Ant1



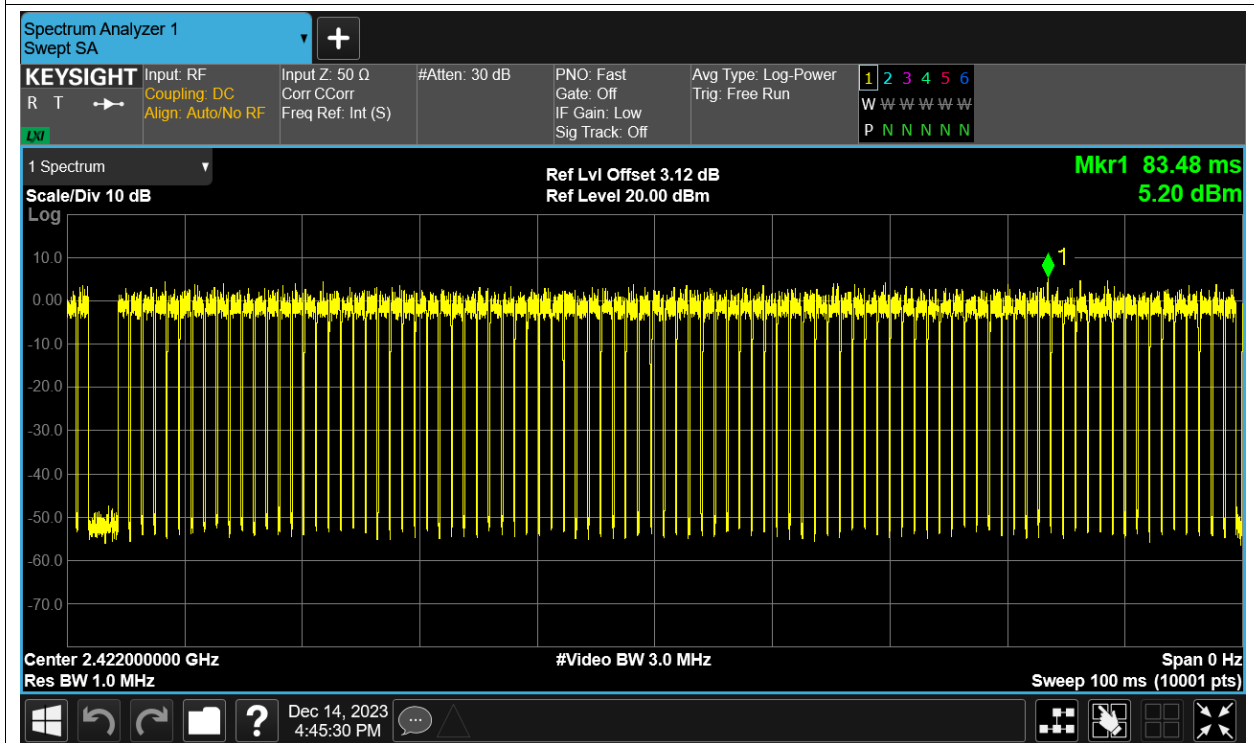
Duty Cycle NVNT n20 2437MHz Ant1



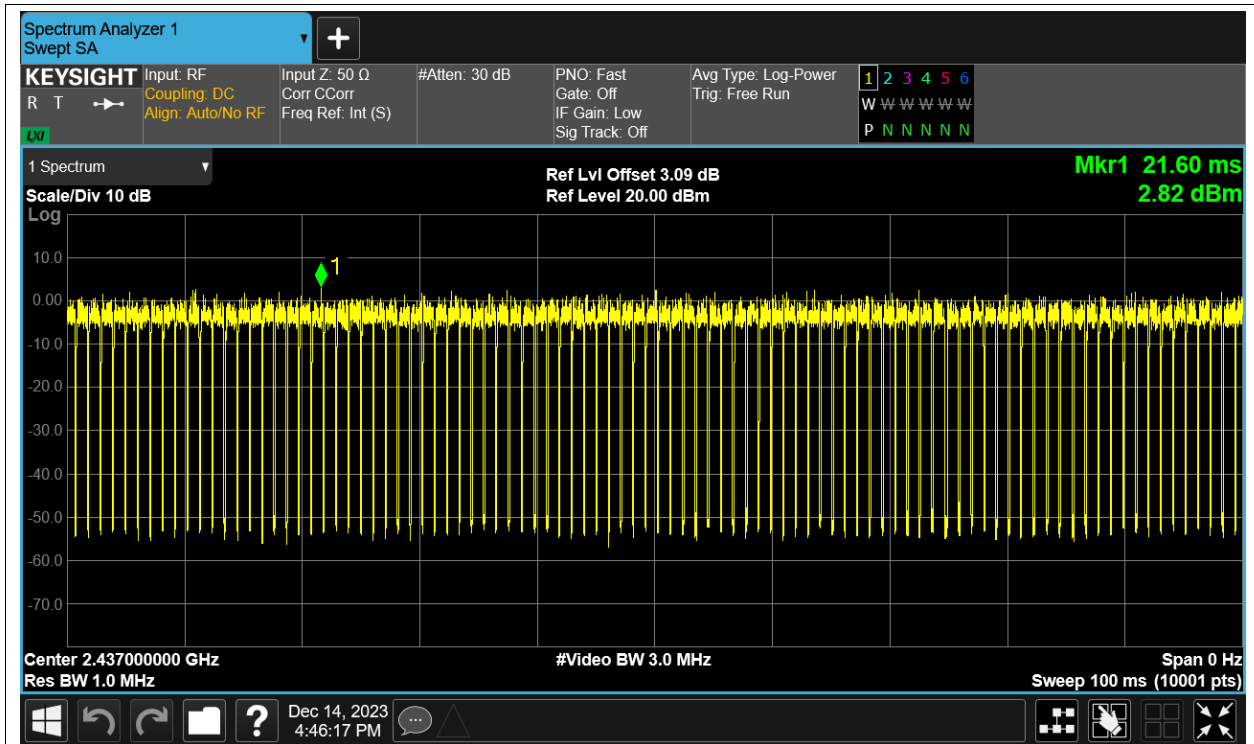
Duty Cycle NVNT n20 2462MHz Ant1



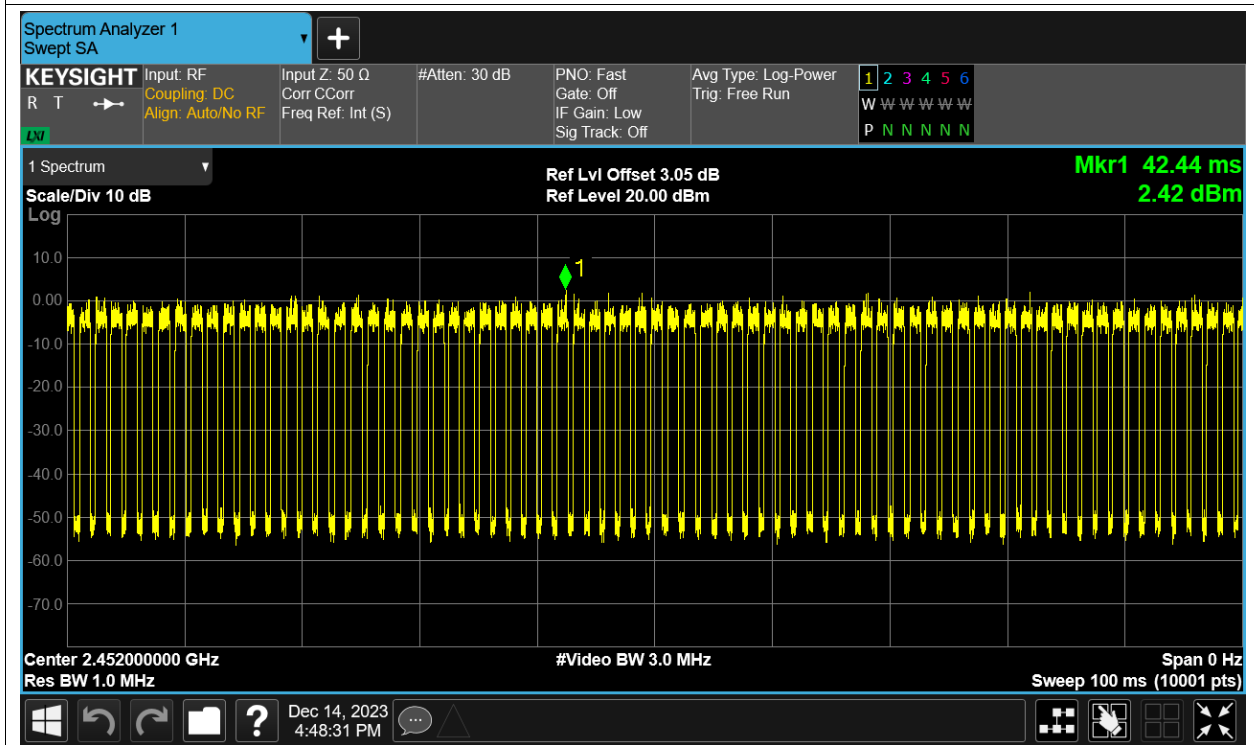
Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



Duty Cycle NVNT n40 2452MHz Ant1



## Maximum Conducted Output Power

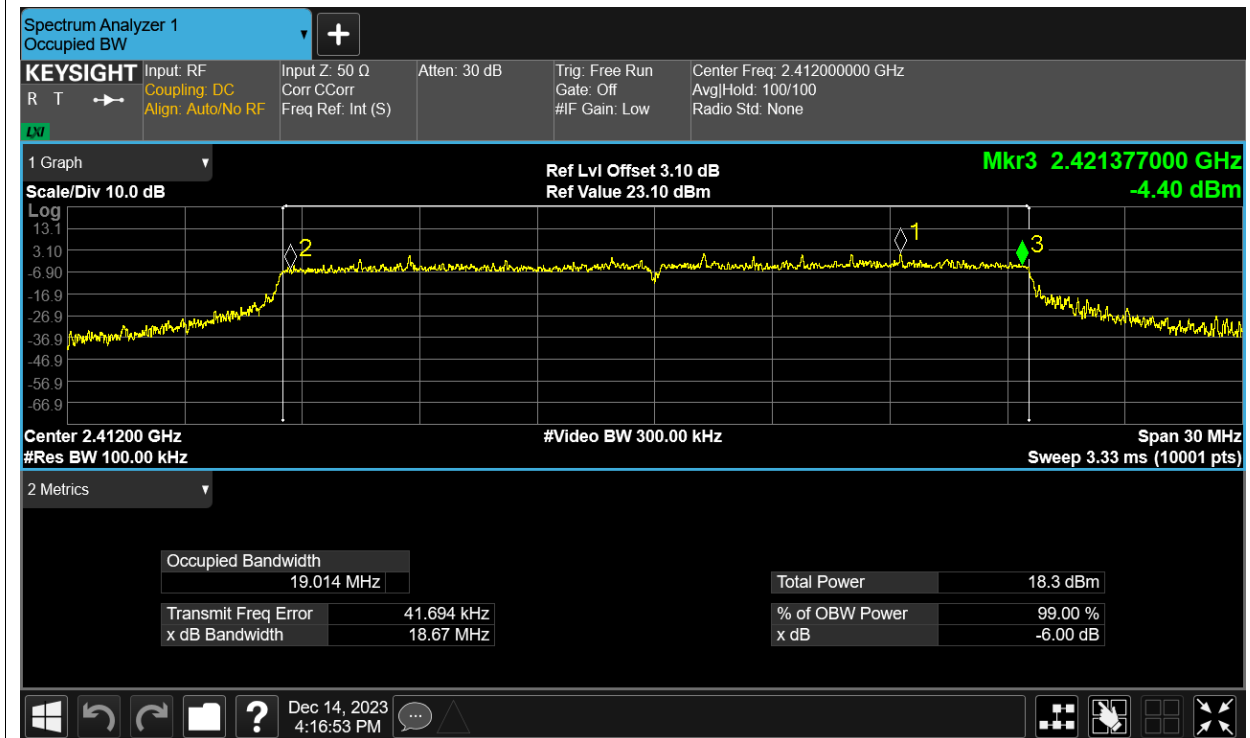
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | ax20 | 2412            | Ant1    | 12.77                 | 0.35             | 13.12             | 30          | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | 11.31                 | 0.35             | 11.66             | 30          | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | 11.72                 | 0.33             | 12.05             | 30          | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | 13.08                 | 0.61             | 13.69             | 30          | Pass    |
| NVNT      | ax40 | 2437            | Ant1    | 11.24                 | 0.61             | 11.85             | 30          | Pass    |
| NVNT      | ax40 | 2452            | Ant1    | 10.95                 | 1.86             | 12.81             | 30          | Pass    |
| NVNT      | b    | 2412            | Ant1    | 15.9                  | 0.05             | 15.95             | 30          | Pass    |
| NVNT      | b    | 2437            | Ant1    | 14.72                 | 0.15             | 14.87             | 30          | Pass    |
| NVNT      | b    | 2462            | Ant1    | 16.26                 | 0.04             | 16.3              | 30          | Pass    |
| NVNT      | g    | 2412            | Ant1    | 15.71                 | 0.33             | 16.04             | 30          | Pass    |
| NVNT      | g    | 2437            | Ant1    | 14.04                 | 0.8              | 14.84             | 30          | Pass    |
| NVNT      | g    | 2462            | Ant1    | 15.24                 | 0.26             | 15.5              | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 12.68                 | 0.26             | 12.94             | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 11.24                 | 1.08             | 12.32             | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 11.68                 | 0.25             | 11.93             | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 13.09                 | 0.62             | 13.71             | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 11.06                 | 0.51             | 11.57             | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 11.02                 | 1.56             | 12.58             | 30          | Pass    |

## -6dB Bandwidth

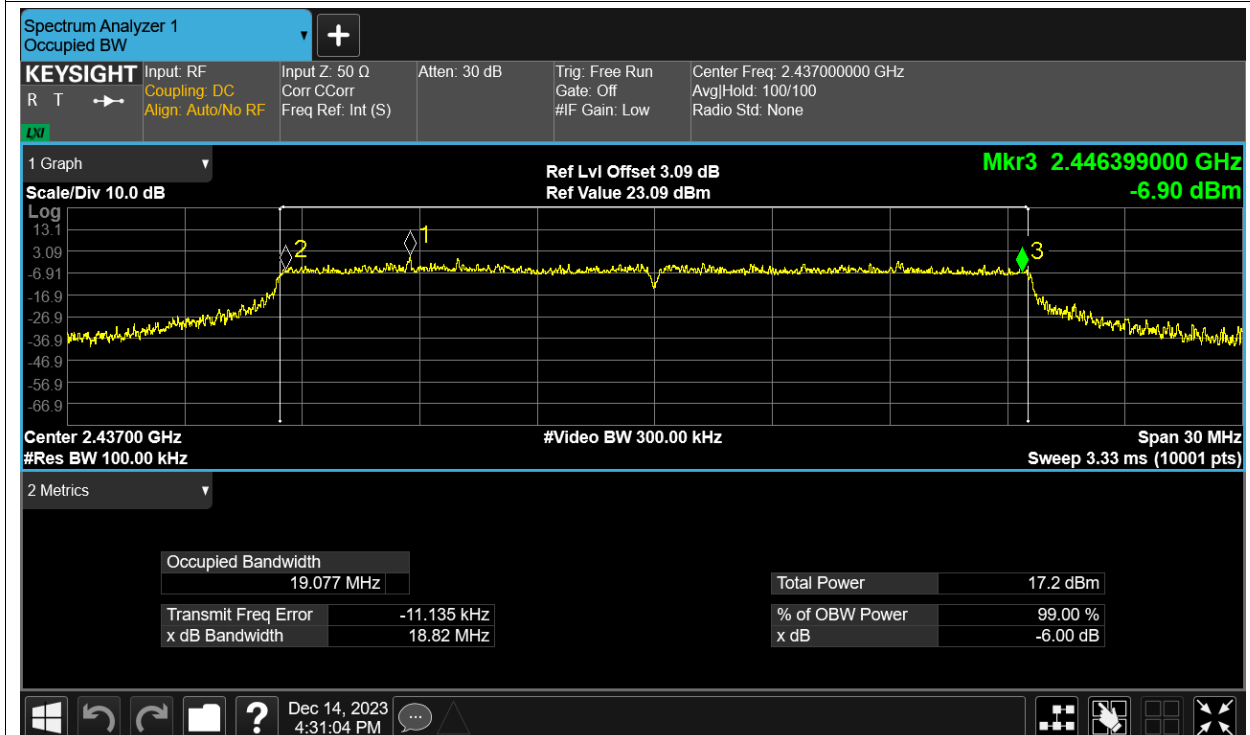
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | limit | Verdic |
|-----------|------|-----------------|---------|-----------------------|-------|--------|
| NVNT      | ax20 | 2412            | Ant1    | 18.671                | 0.5   | Pass   |
| NVNT      | ax20 | 2437            | Ant1    | 18.819                | 0.5   | Pass   |
| NVNT      | ax20 | 2462            | Ant1    | 18.81                 | 0.5   | Pass   |
| NVNT      | ax40 | 2422            | Ant1    | 36.834                | 0.5   | Pass   |
| NVNT      | ax40 | 2437            | Ant1    | 38.06                 | 0.5   | Pass   |
| NVNT      | ax40 | 2452            | Ant1    | 37.881                | 0.5   | Pass   |
| NVNT      | b    | 2412            | Ant1    | 6.553                 | 0.5   | Pass   |
| NVNT      | b    | 2437            | Ant1    | 8.063                 | 0.5   | Pass   |
| NVNT      | b    | 2462            | Ant1    | 6.549                 | 0.5   | Pass   |
| NVNT      | g    | 2412            | Ant1    | 16.079                | 0.5   | Pass   |
| NVNT      | g    | 2437            | Ant1    | 16.331                | 0.5   | Pass   |
| NVNT      | g    | 2462            | Ant1    | 16.326                | 0.5   | Pass   |
| NVNT      | n20  | 2412            | Ant1    | 16.241                | 0.5   | Pass   |
| NVNT      | n20  | 2437            | Ant1    | 17.184                | 0.5   | Pass   |
| NVNT      | n20  | 2462            | Ant1    | 17.578                | 0.5   | Pass   |
| NVNT      | n40  | 2422            | Ant1    | 36.054                | 0.5   | Pass   |
| NVNT      | n40  | 2437            | Ant1    | 36.387                | 0.5   | Pass   |
| NVNT      | n40  | 2452            | Ant1    | 36.33                 | 0.5   | Pass   |

## Test Graphs

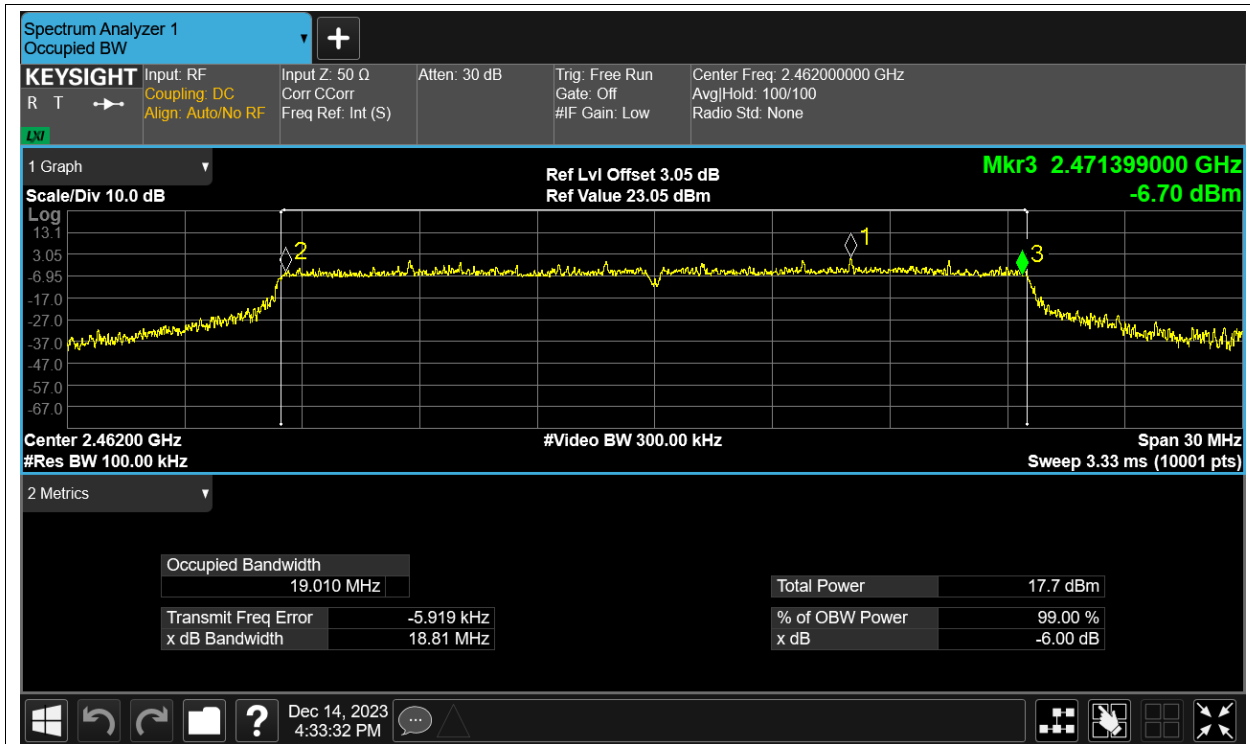
-6dB Bandwidth NVNT ax20 2412MHz Ant1



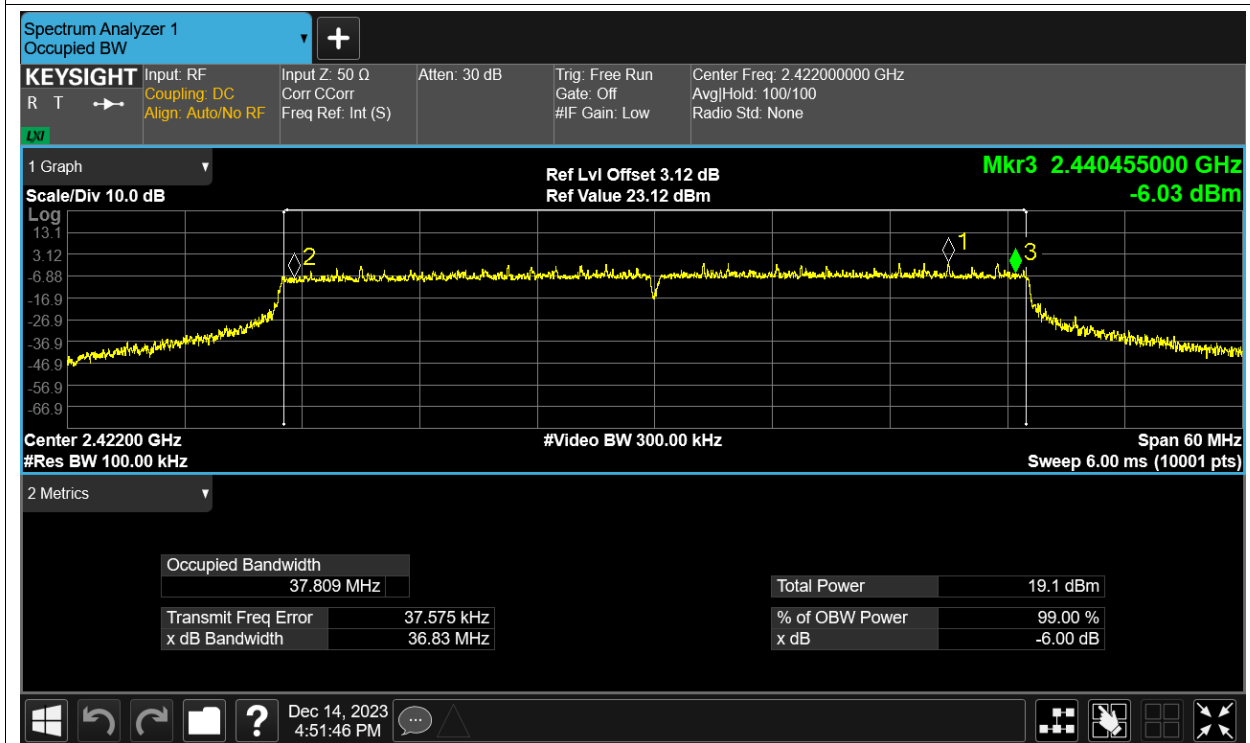
-6dB Bandwidth NVNT ax20 2437MHz Ant1



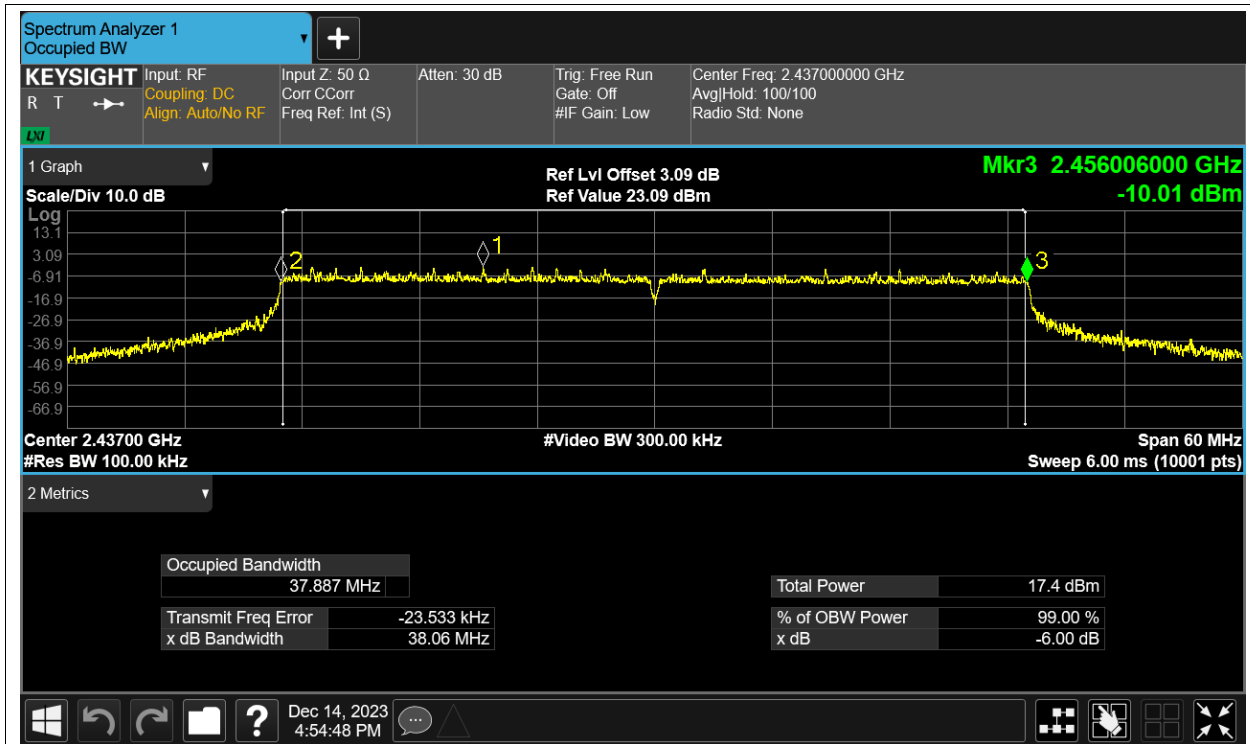
-6dB Bandwidth NVNT ax20 2462MHz Ant1



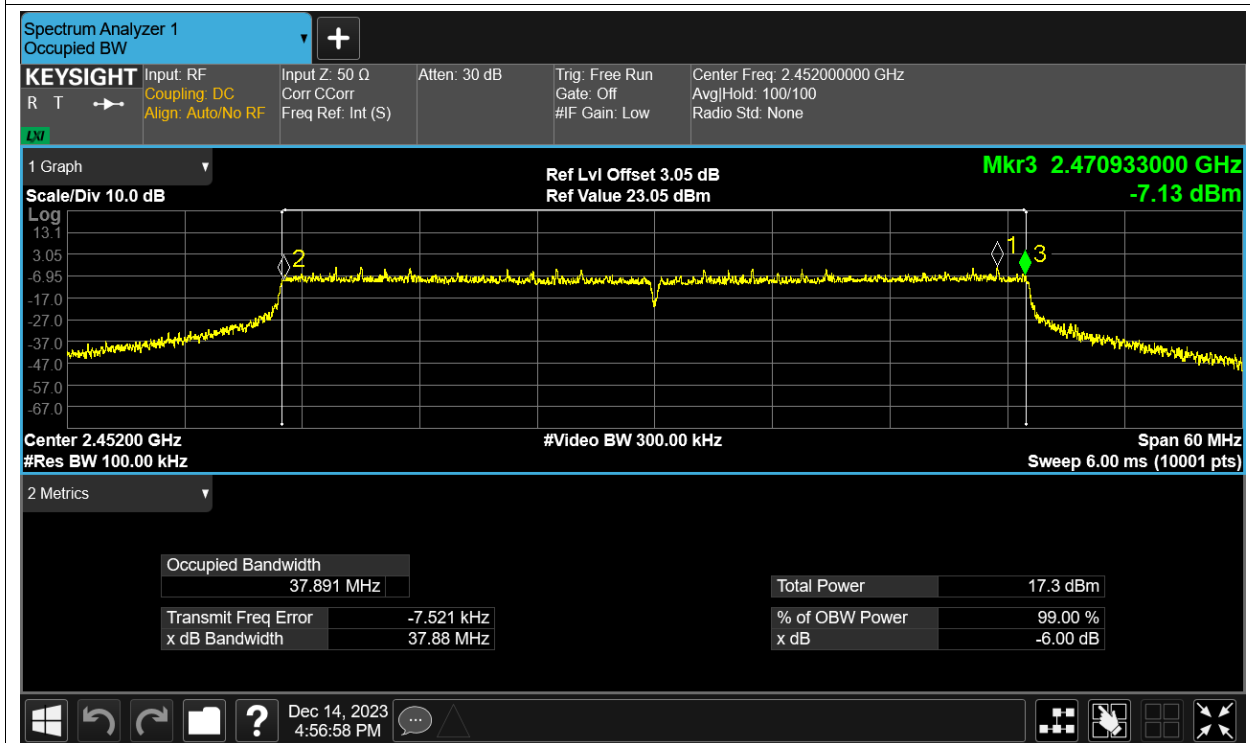
-6dB Bandwidth NVNT ax40 2422MHz Ant1



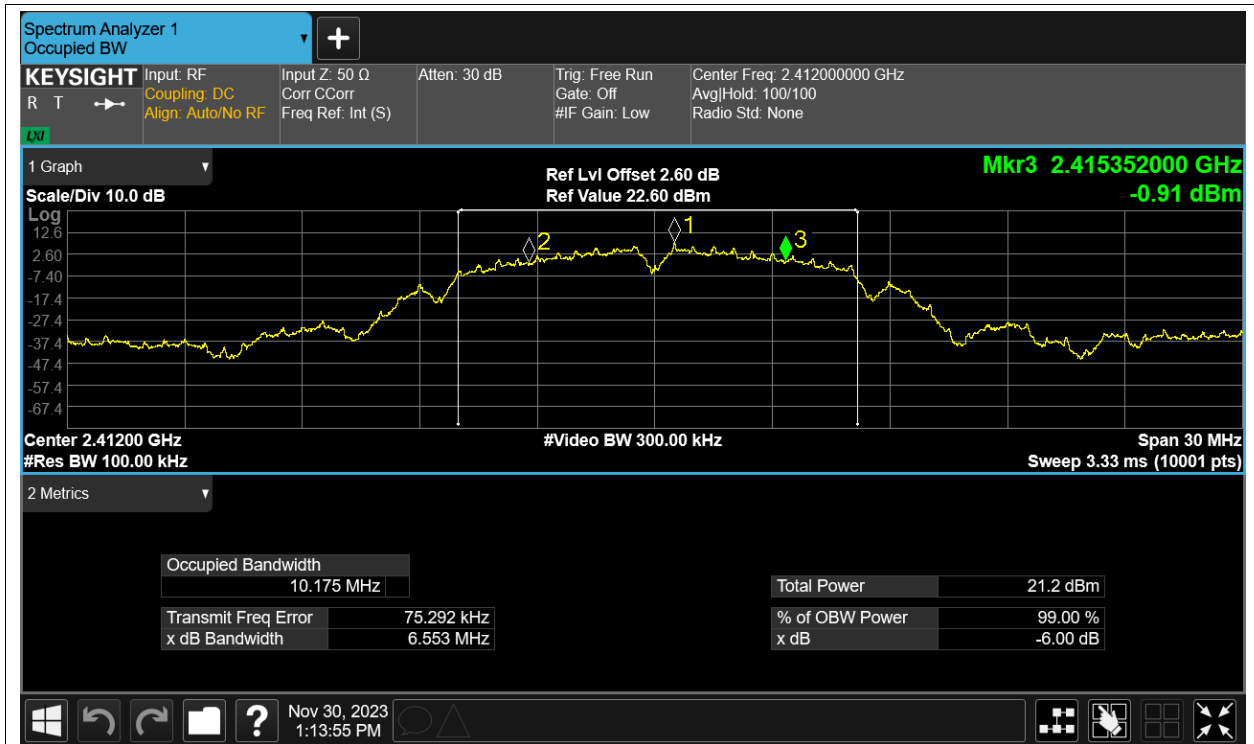
-6dB Bandwidth NVNT ax40 2437MHz Ant1



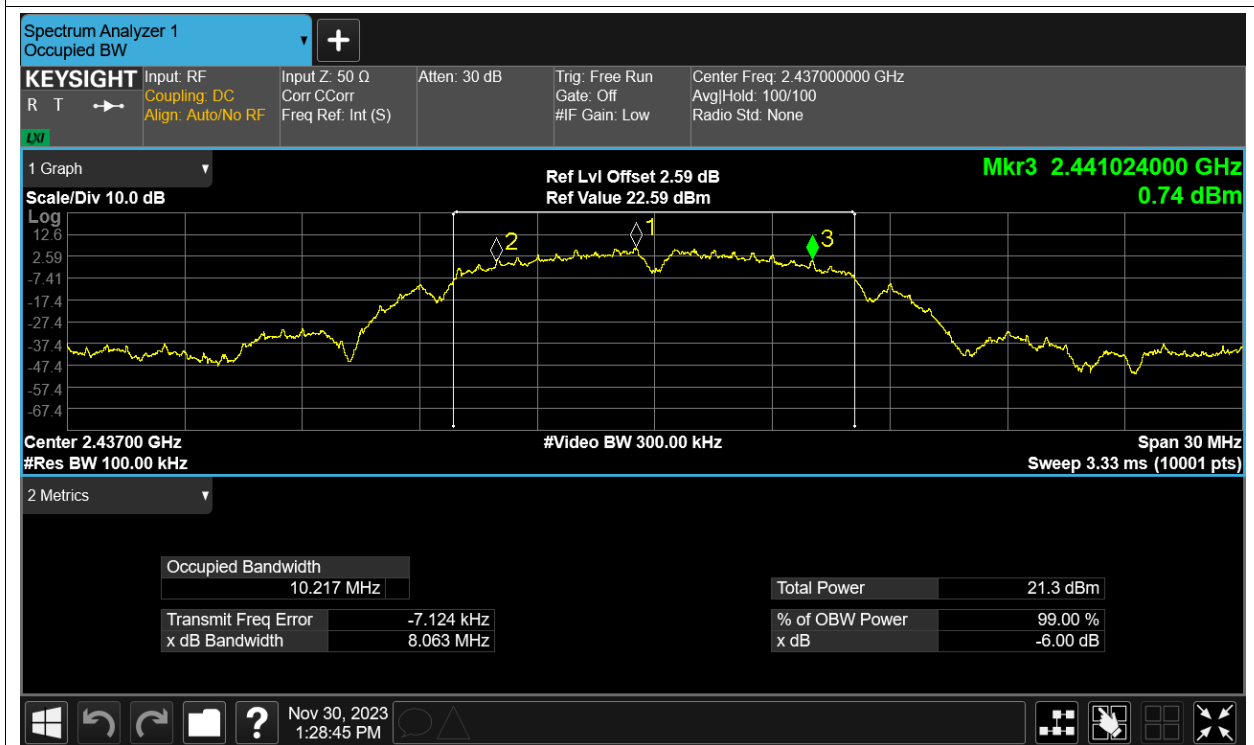
-6dB Bandwidth NVNT ax40 2452MHz Ant1



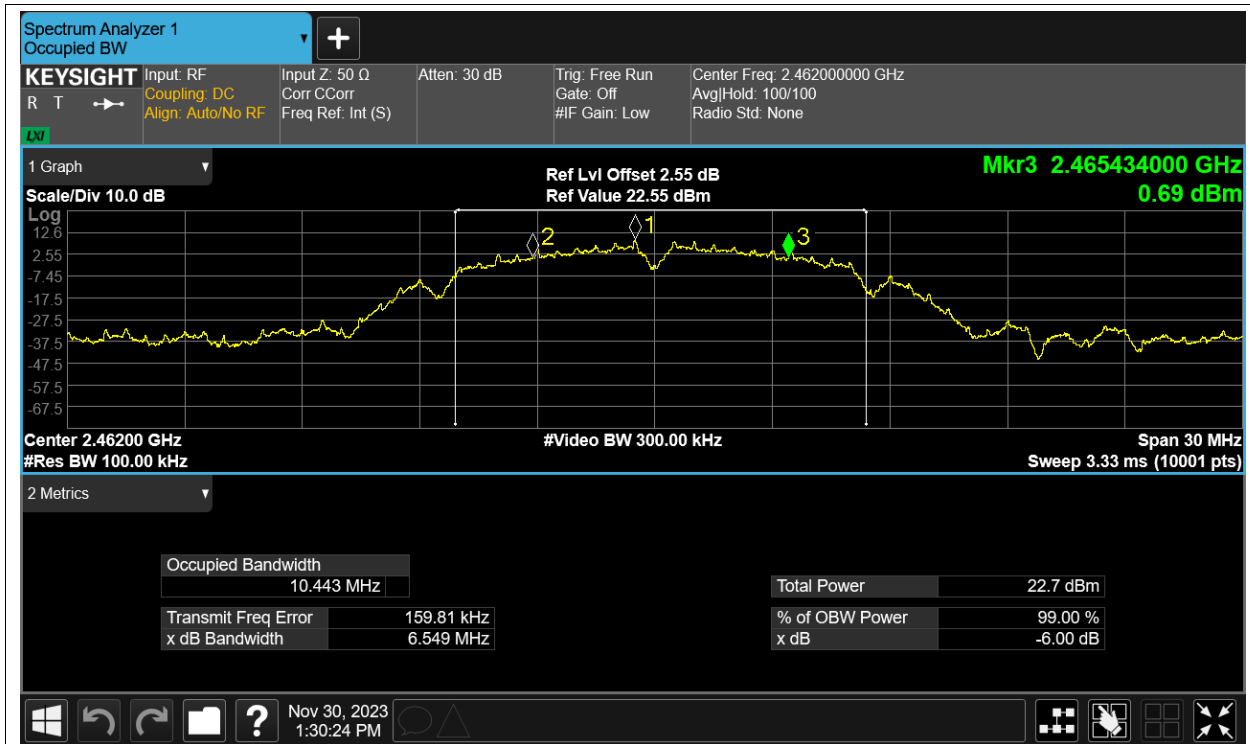
-6dB Bandwidth NVNT b 2412MHz Ant1



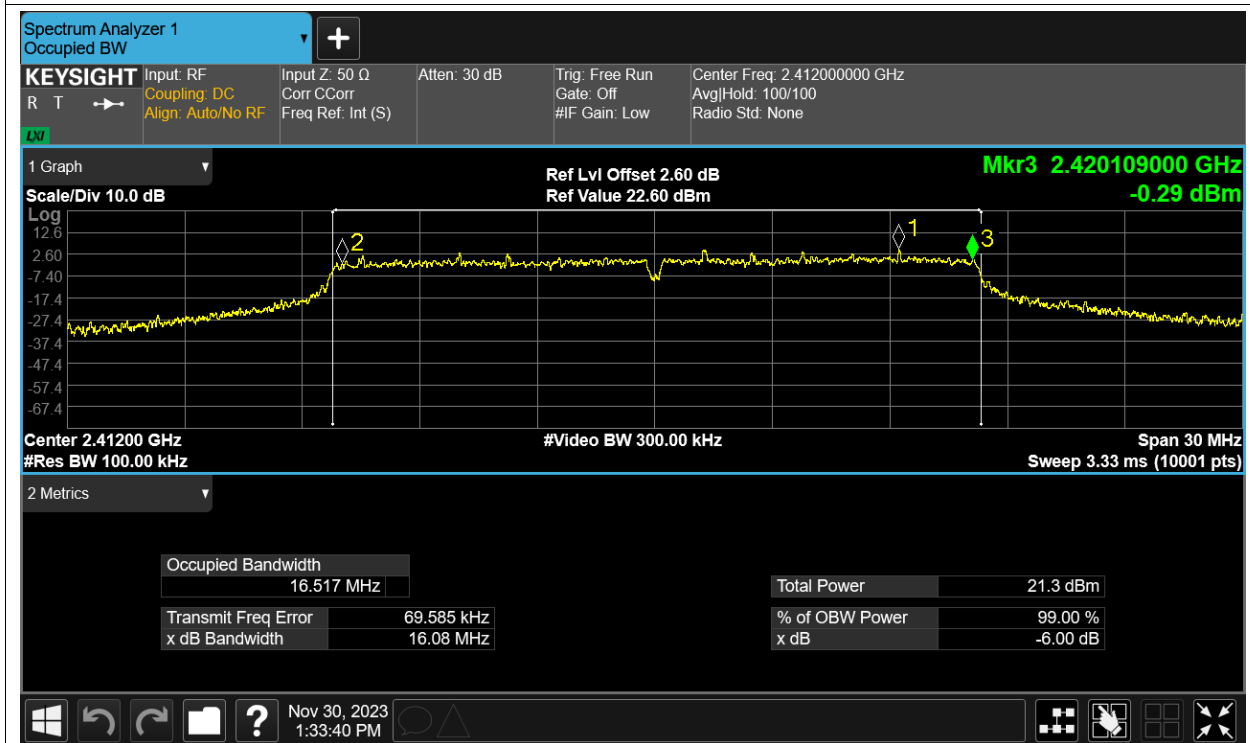
-6dB Bandwidth NVNT b 2437MHz Ant1



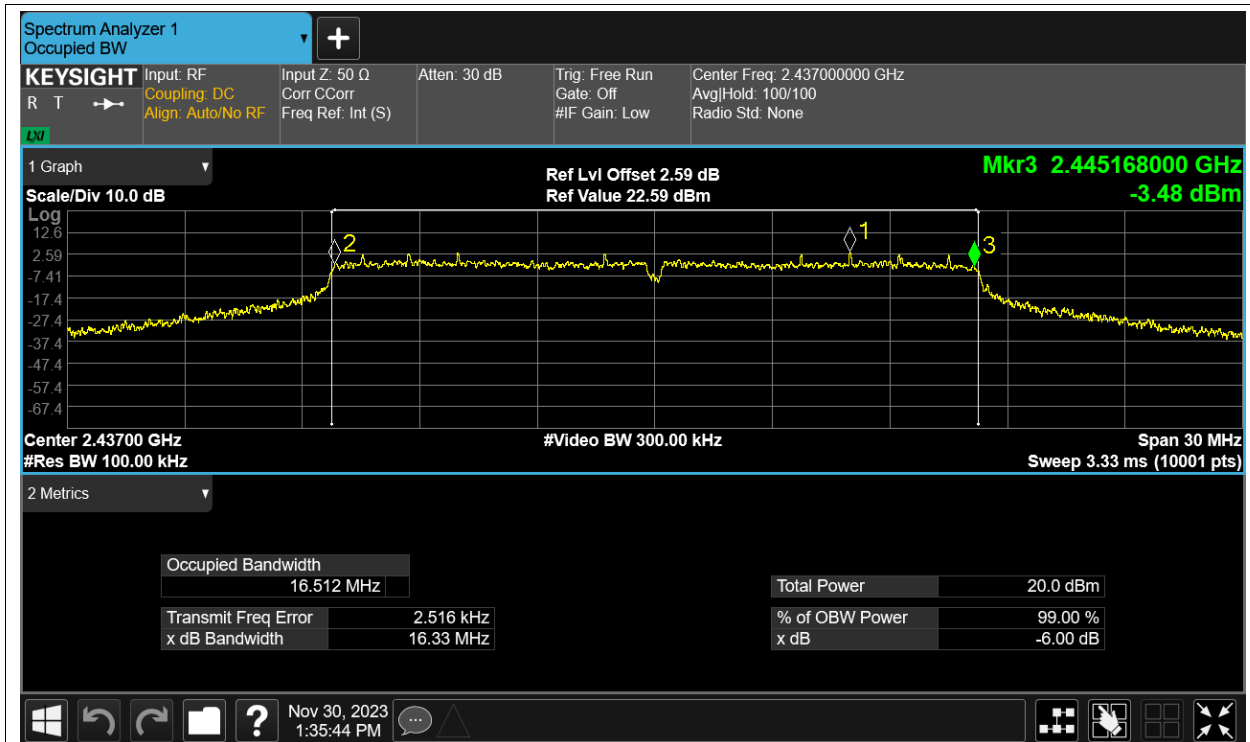
-6dB Bandwidth NVNT b 2462MHz Ant1



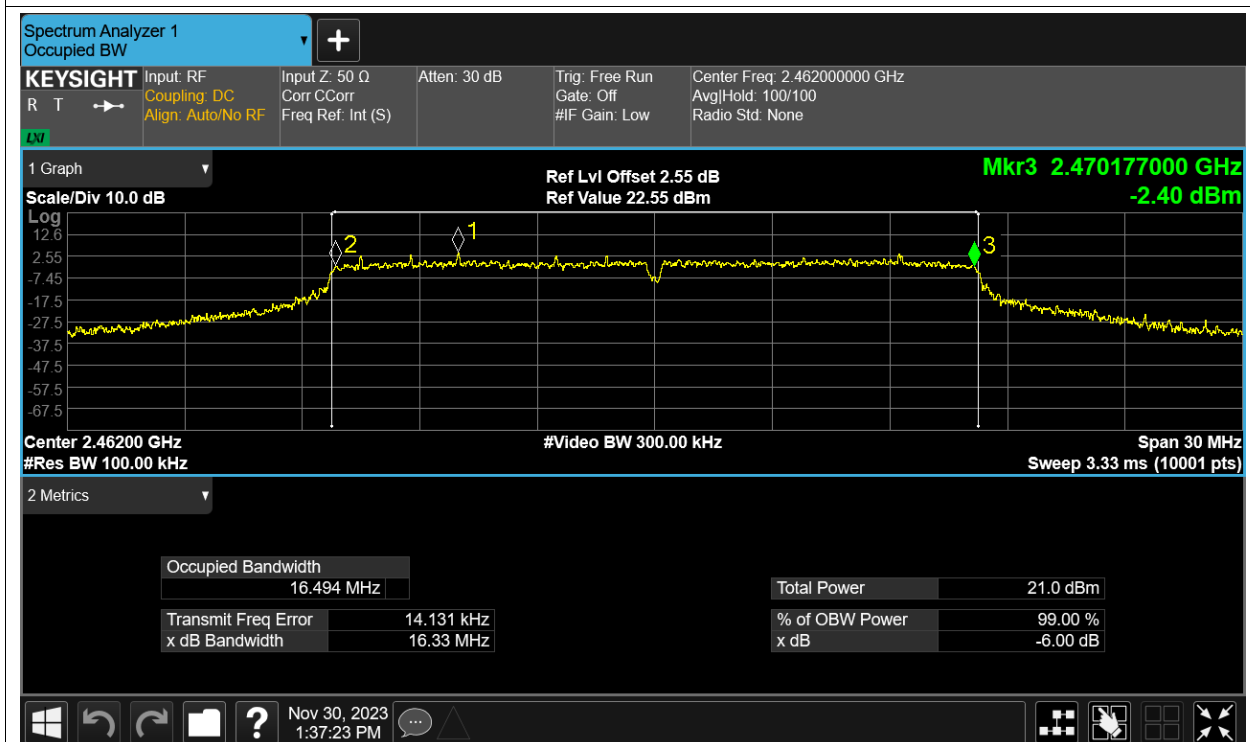
-6dB Bandwidth NVNT g 2412MHz Ant1



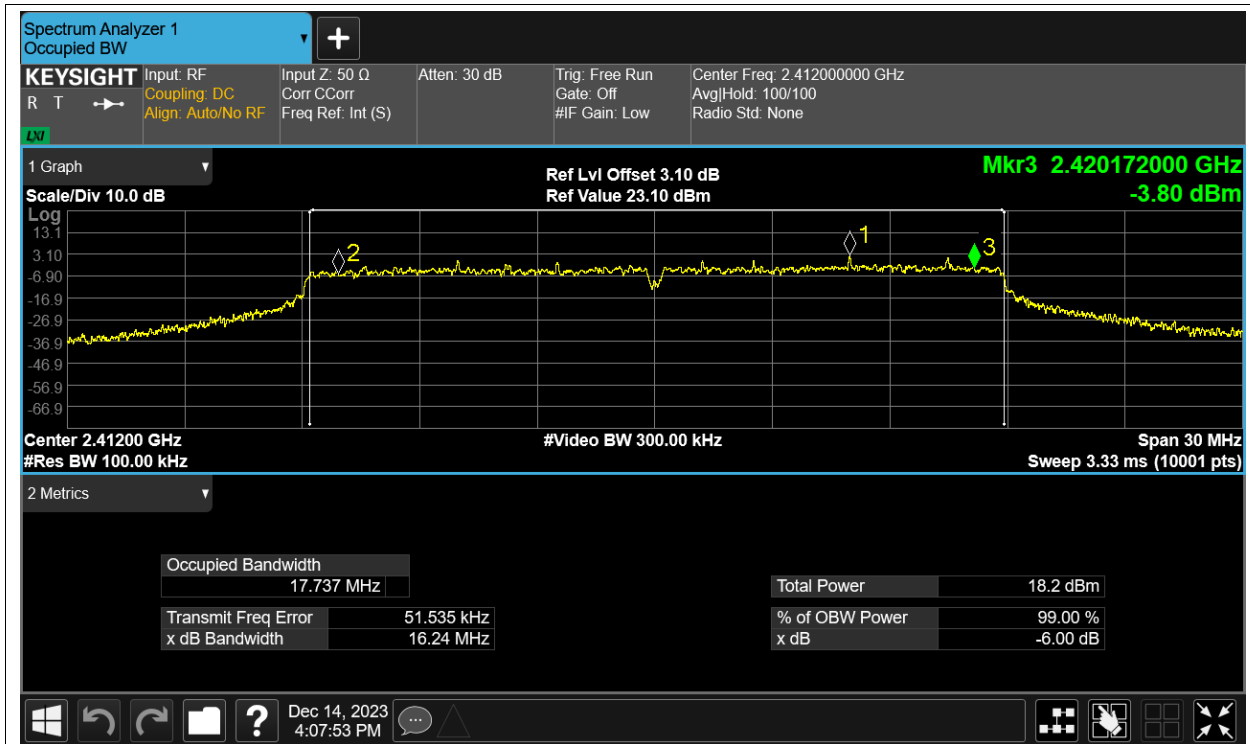
-6dB Bandwidth NVNT g 2437MHz Ant1



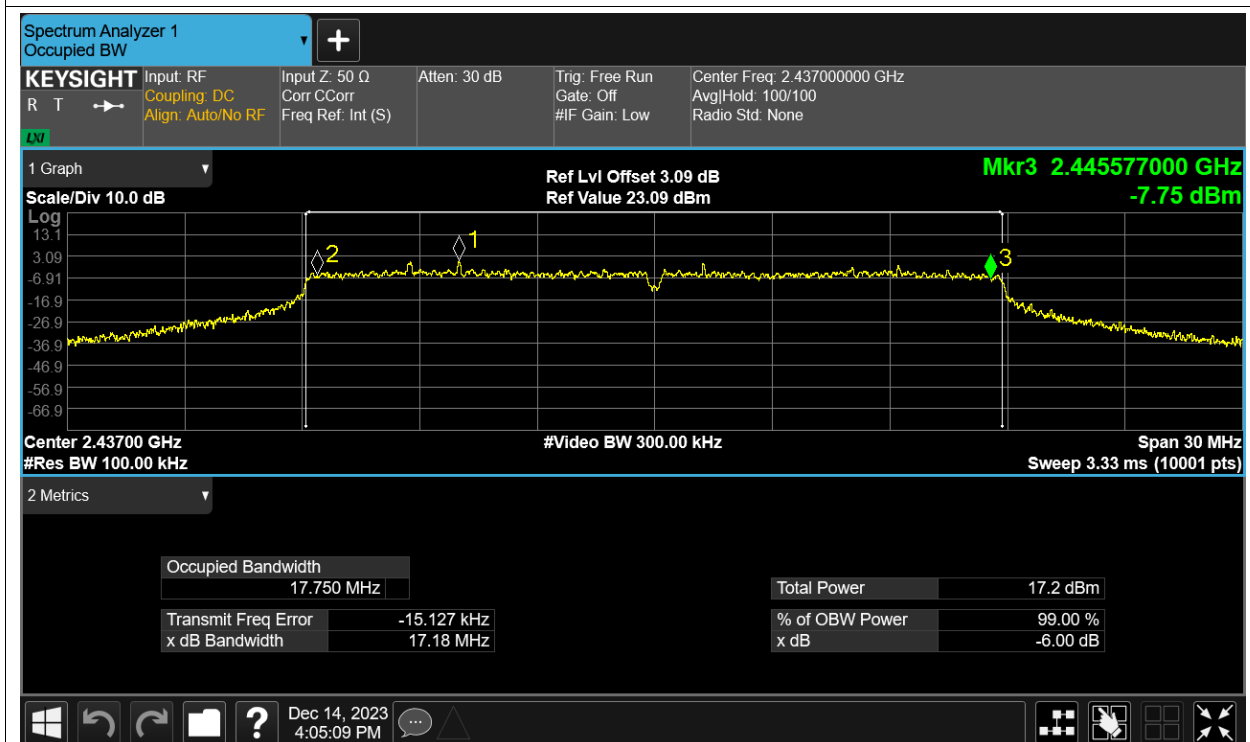
-6dB Bandwidth NVNT g 2462MHz Ant1



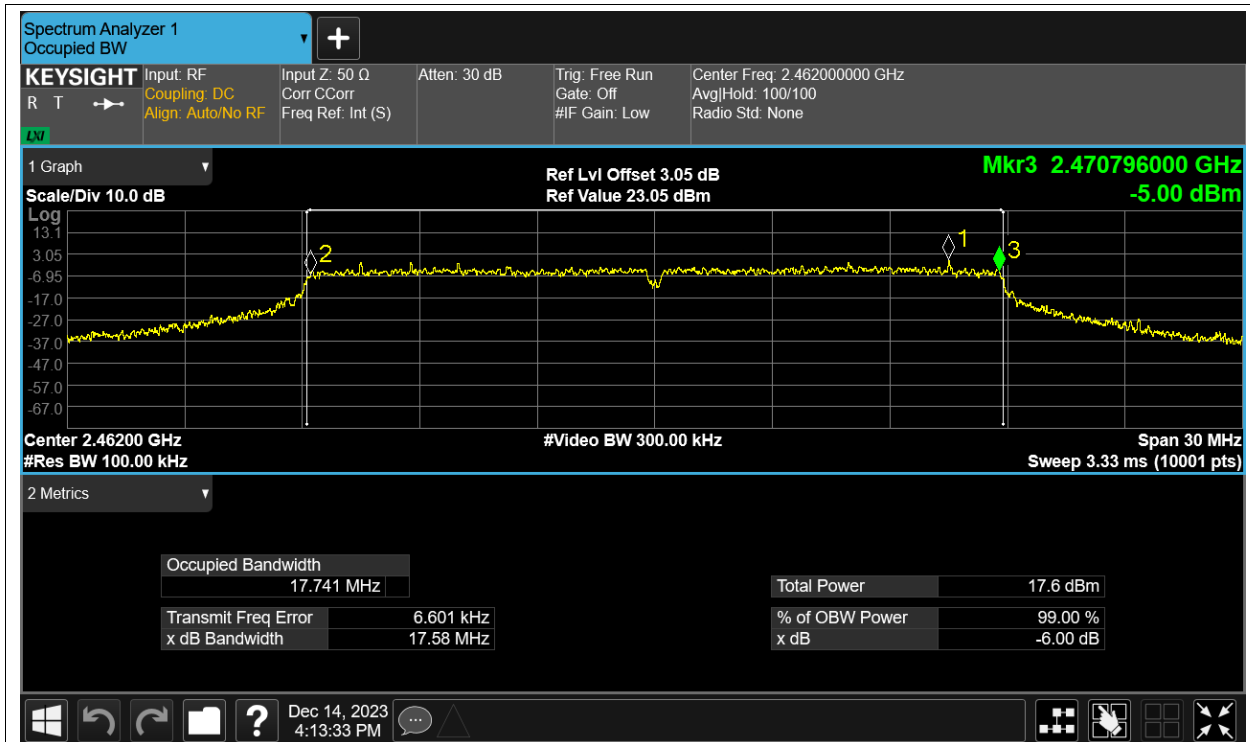
-6dB Bandwidth NVNT n20 2412MHz Ant1



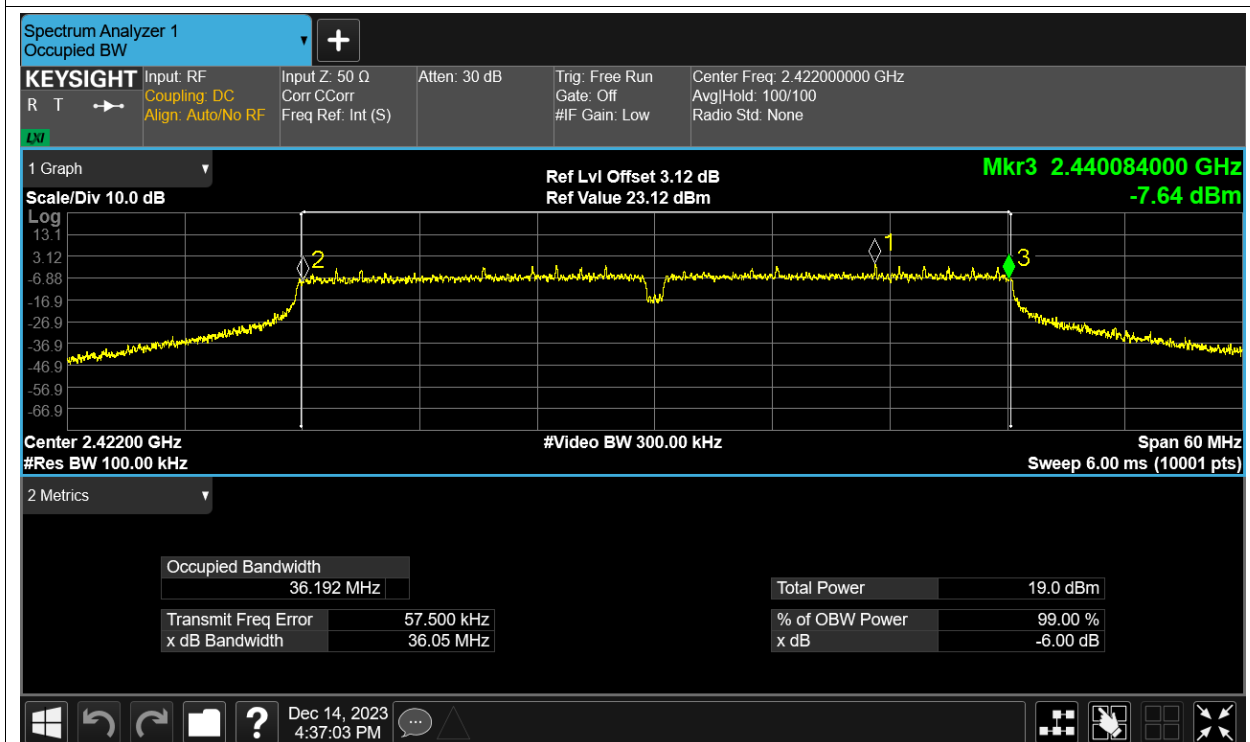
-6dB Bandwidth NVNT n20 2437MHz Ant1



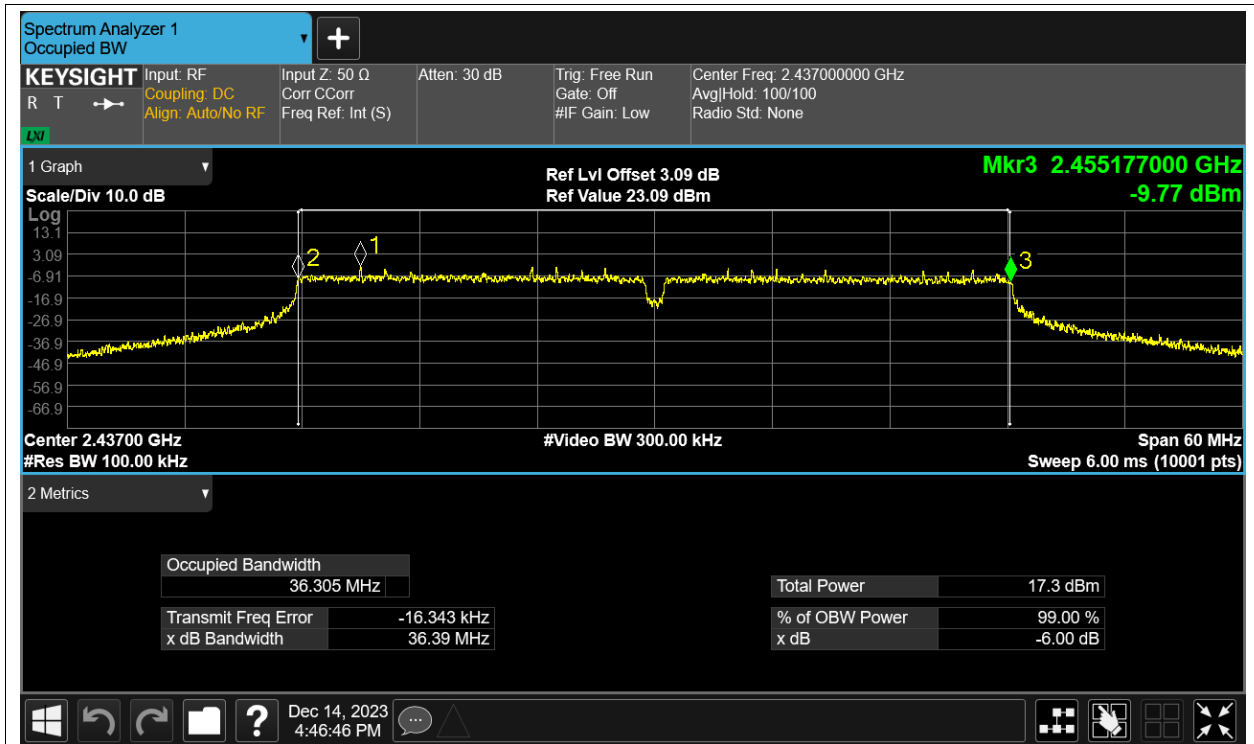
-6dB Bandwidth NVNT n20 2462MHz Ant1



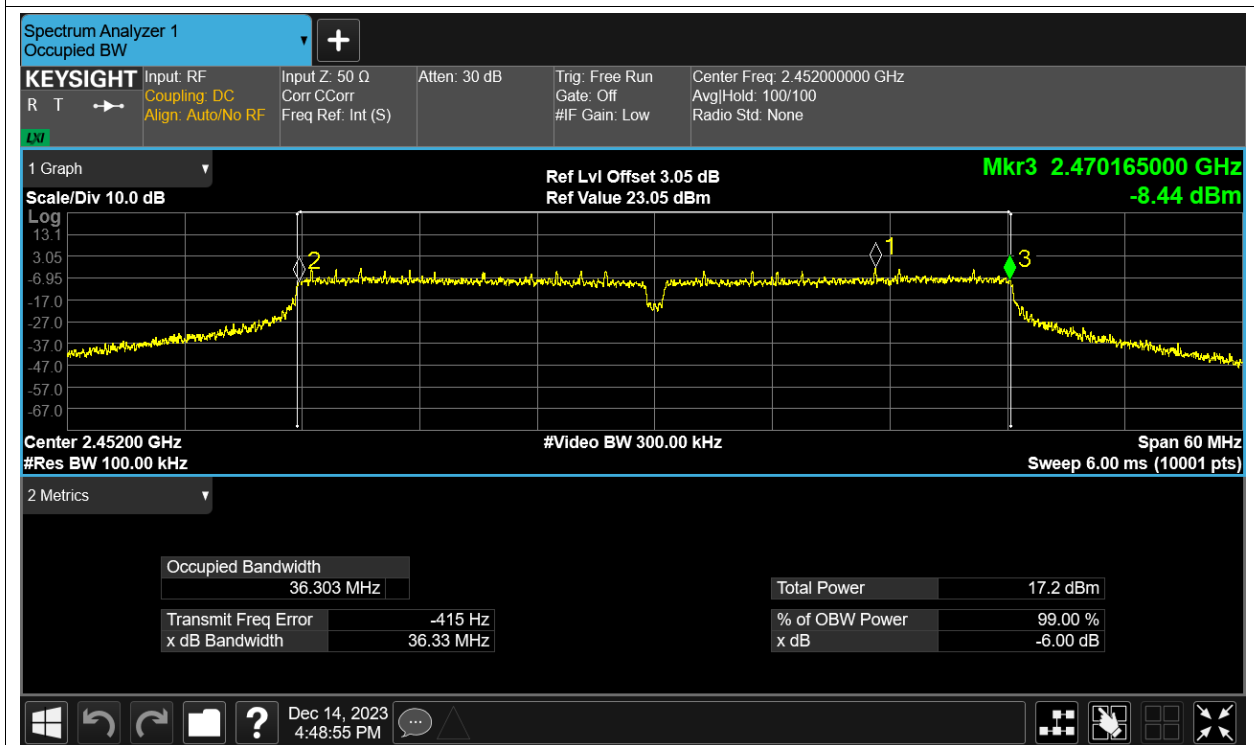
-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1

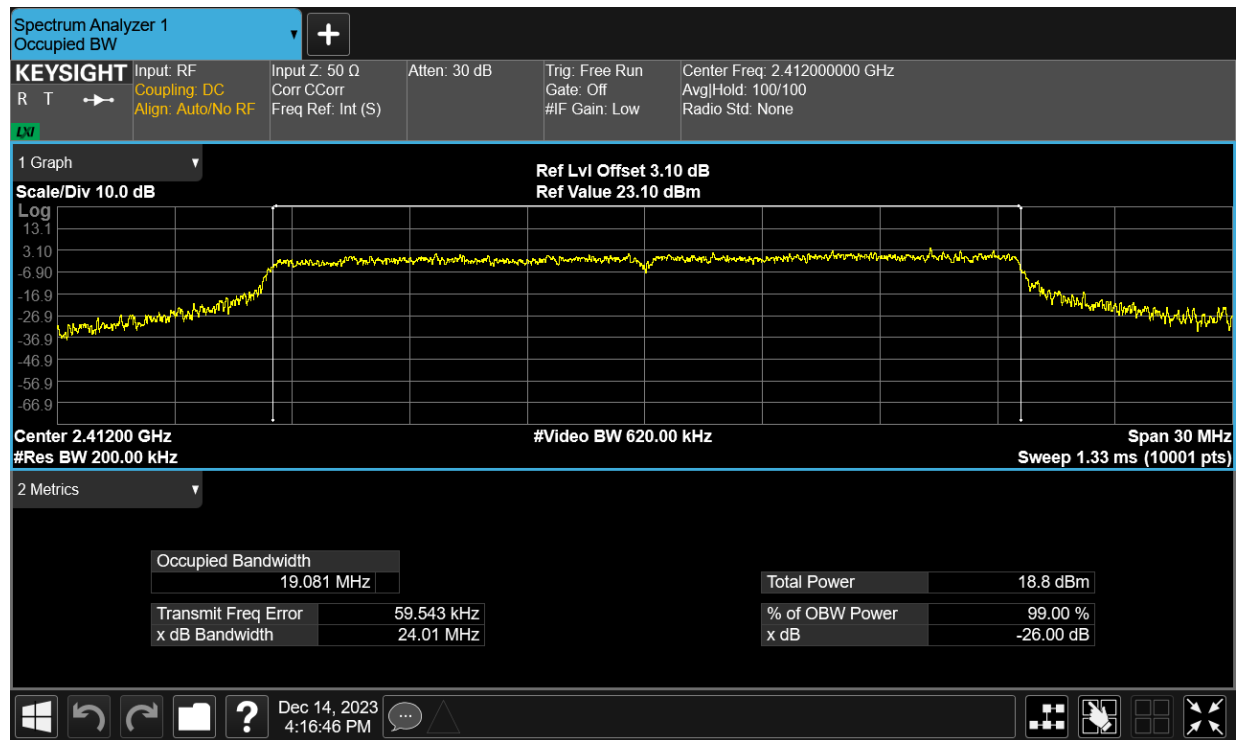


## Occupied Channel Bandwidth

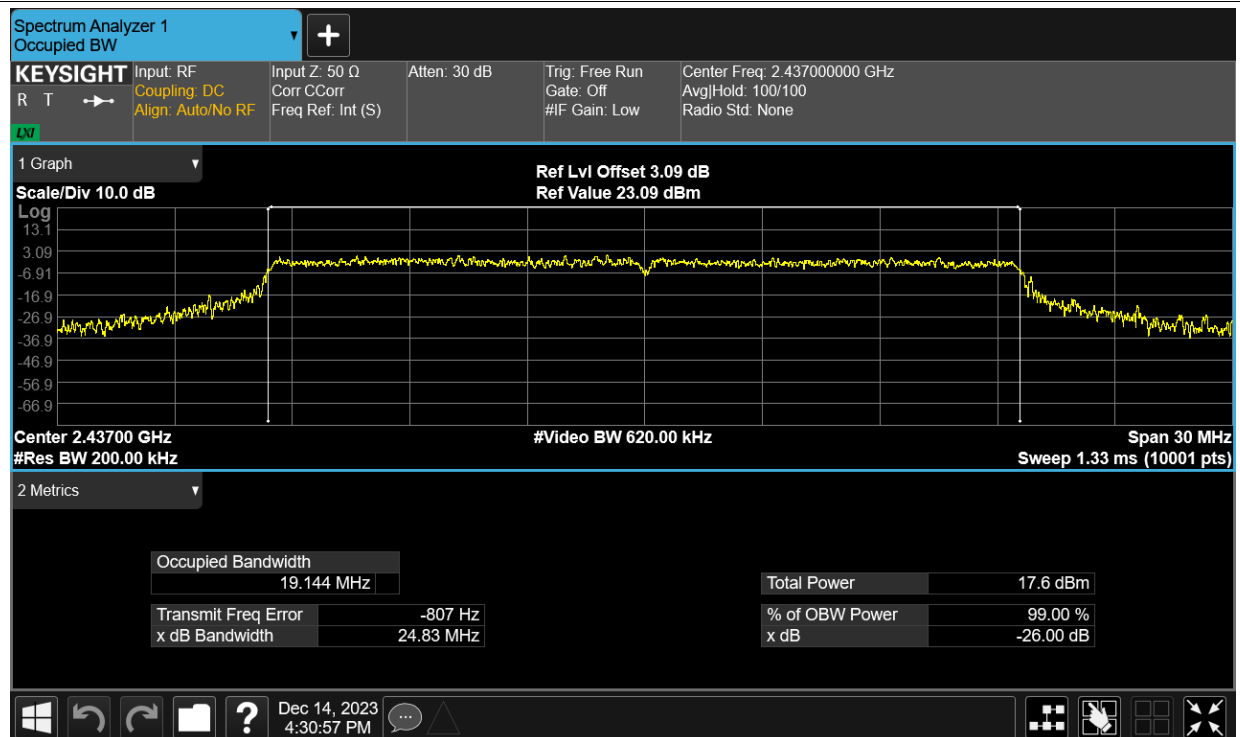
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | ax20 | 2412            | Ant1    | 19.081        |
| NVNT      | ax20 | 2437            | Ant1    | 19.144        |
| NVNT      | ax20 | 2462            | Ant1    | 19.098        |
| NVNT      | ax40 | 2422            | Ant1    | 37.963        |
| NVNT      | ax40 | 2437            | Ant1    | 38.075        |
| NVNT      | ax40 | 2452            | Ant1    | 38.106        |
| NVNT      | b    | 2412            | Ant1    | 10.292        |
| NVNT      | b    | 2437            | Ant1    | 10.239        |
| NVNT      | b    | 2462            | Ant1    | 10.51         |
| NVNT      | g    | 2412            | Ant1    | 16.762        |
| NVNT      | g    | 2437            | Ant1    | 16.71         |
| NVNT      | g    | 2462            | Ant1    | 16.687        |
| NVNT      | n20  | 2412            | Ant1    | 17.915        |
| NVNT      | n20  | 2437            | Ant1    | 17.939        |
| NVNT      | n20  | 2462            | Ant1    | 17.916        |
| NVNT      | n40  | 2422            | Ant1    | 36.572        |
| NVNT      | n40  | 2437            | Ant1    | 36.729        |
| NVNT      | n40  | 2452            | Ant1    | 36.809        |

## Test Graphs

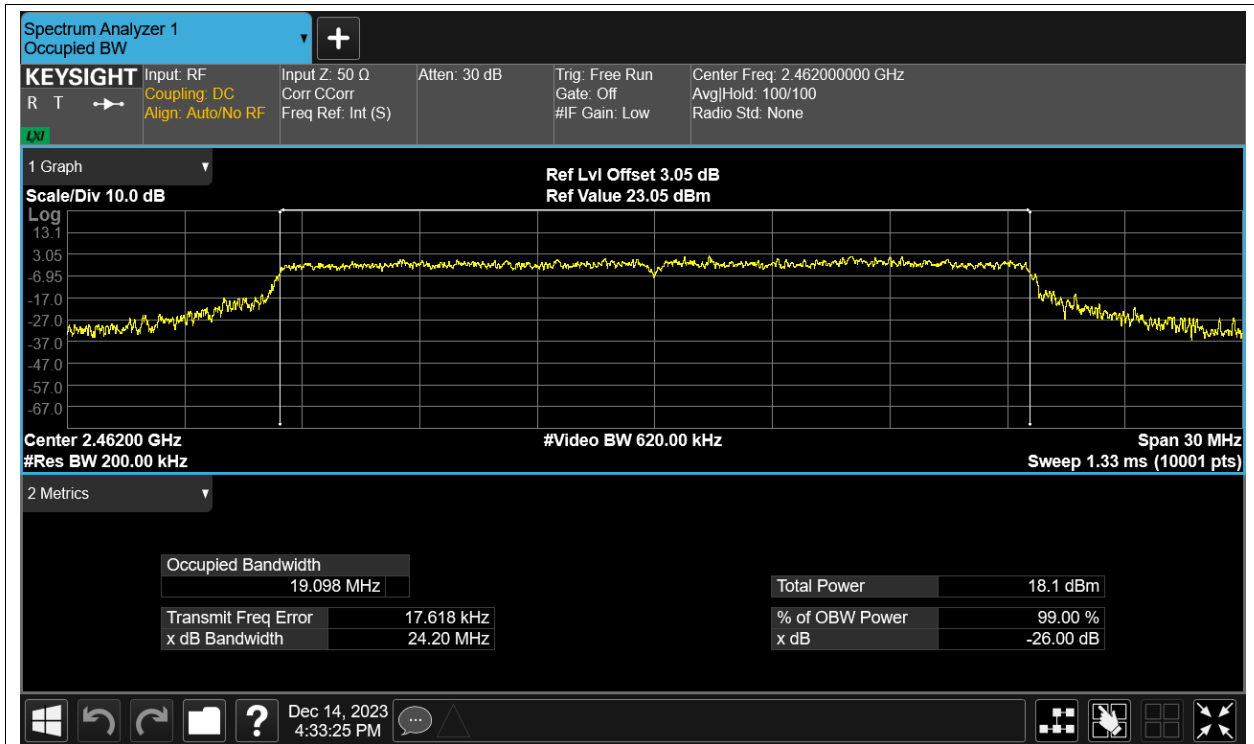
## OBW NVNT ax20 2412MHz Ant1



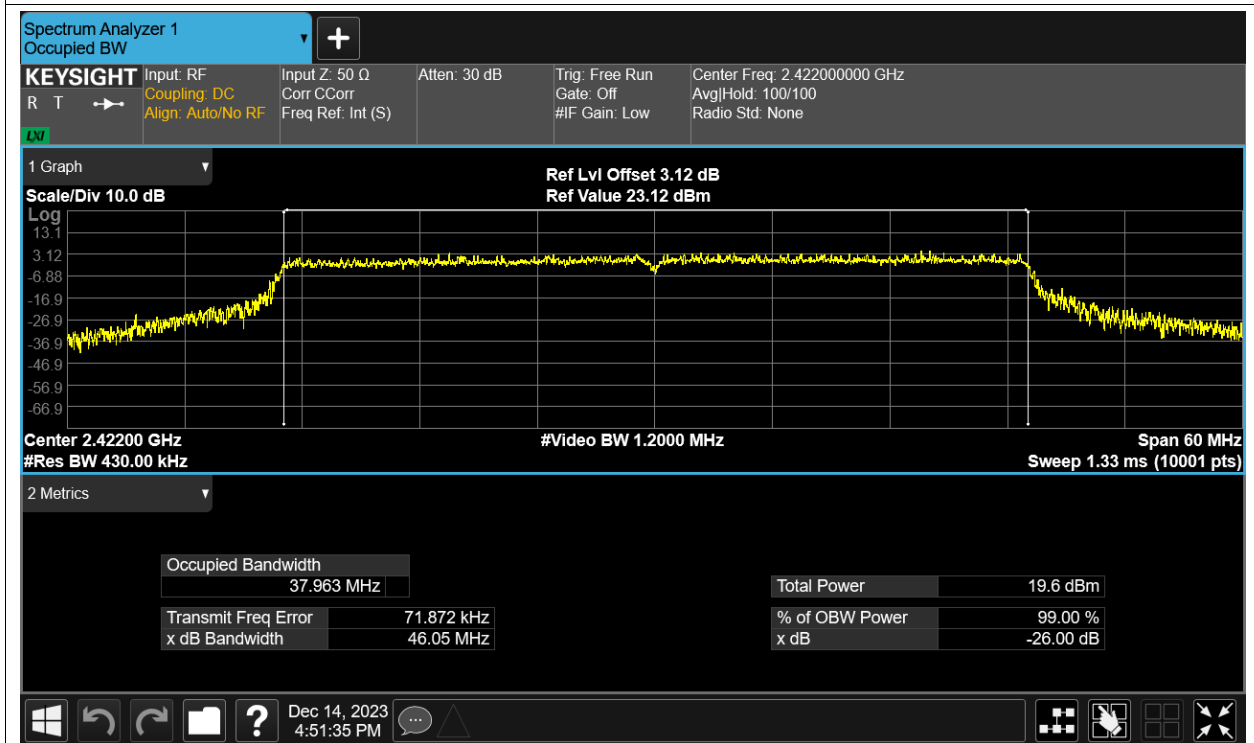
## OBW NVNT ax20 2437MHz Ant1



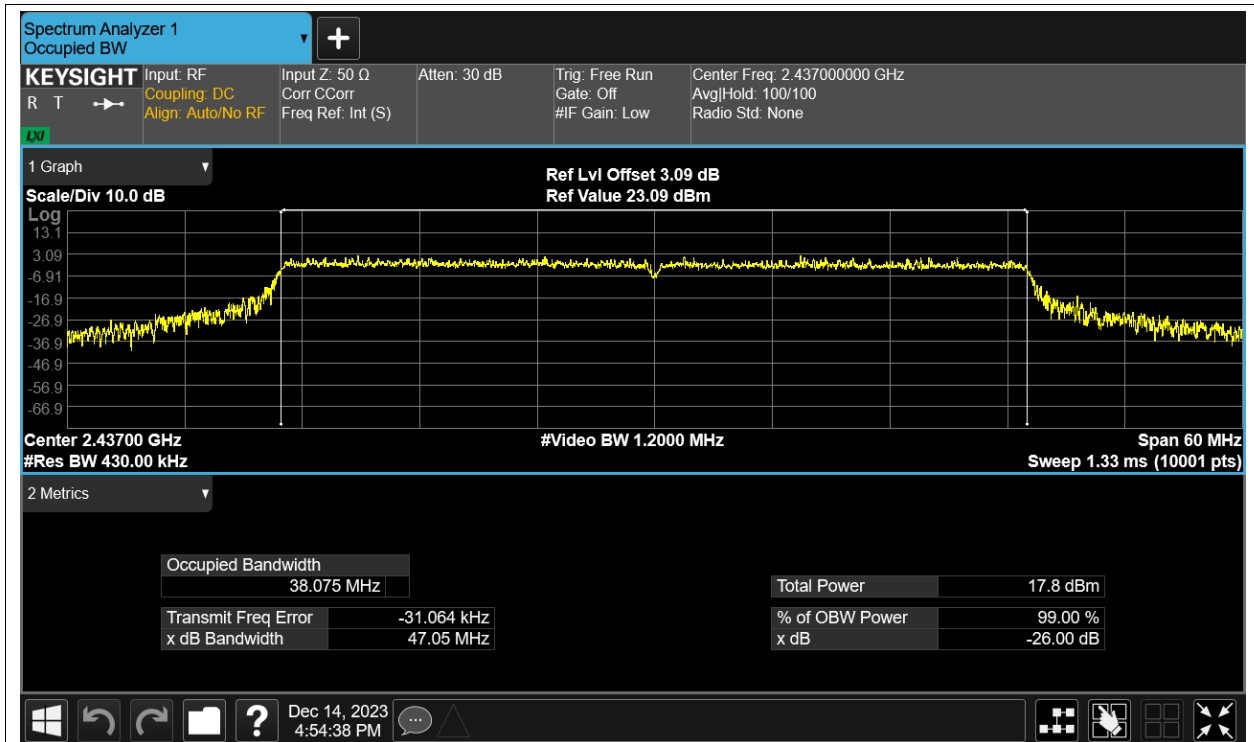
## OBW NVNT ax20 2462MHz Ant1



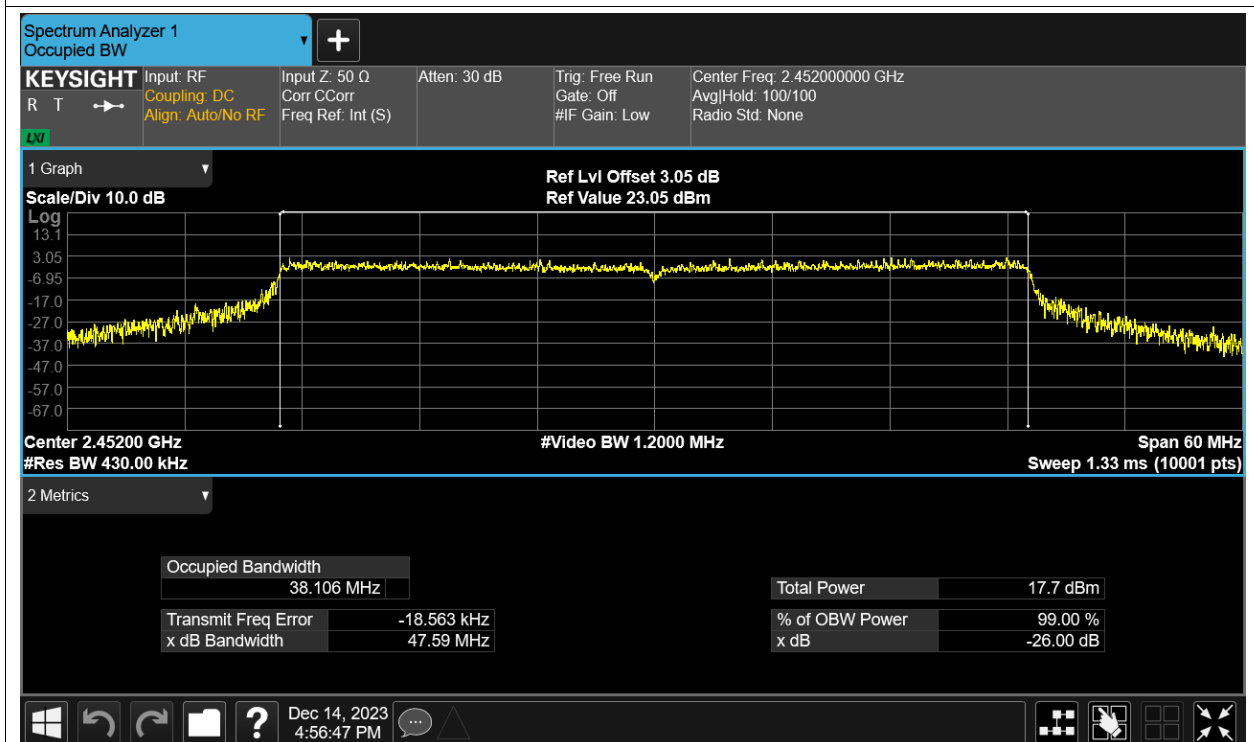
OBW NVNT ax40 2422MHz Ant1



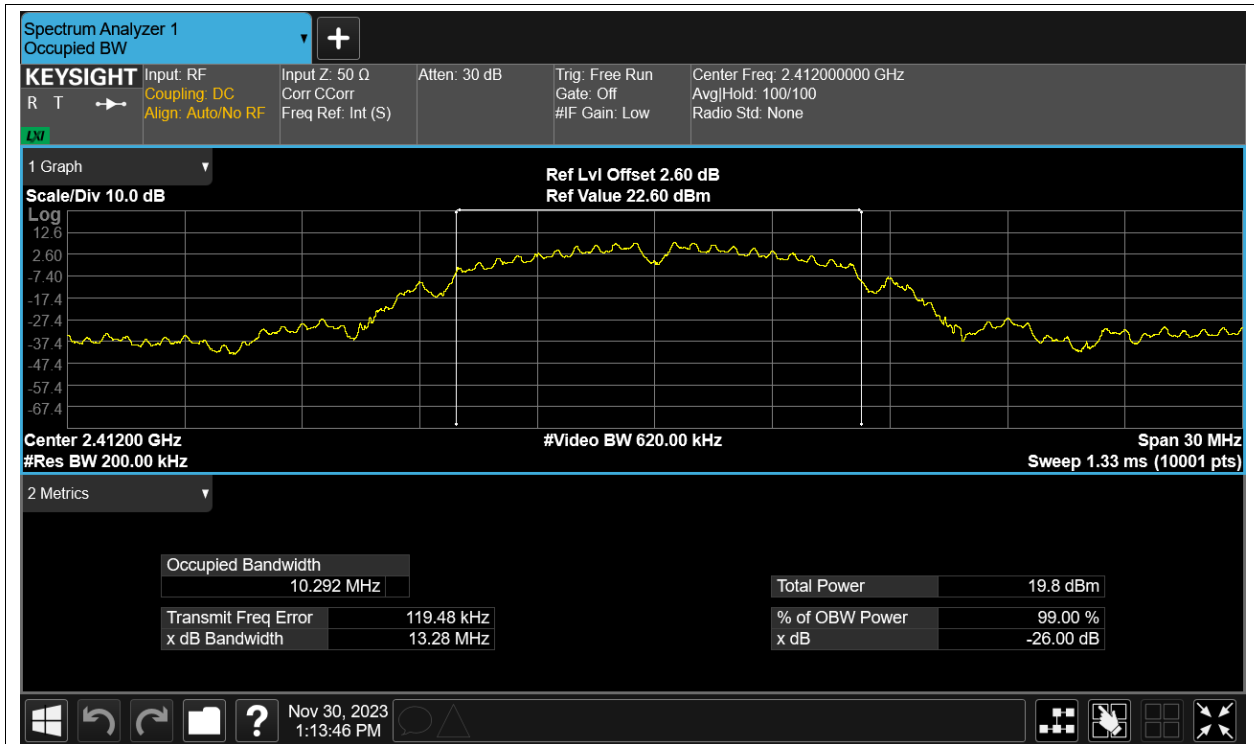
OBW NVNT ax40 2437MHz Ant1



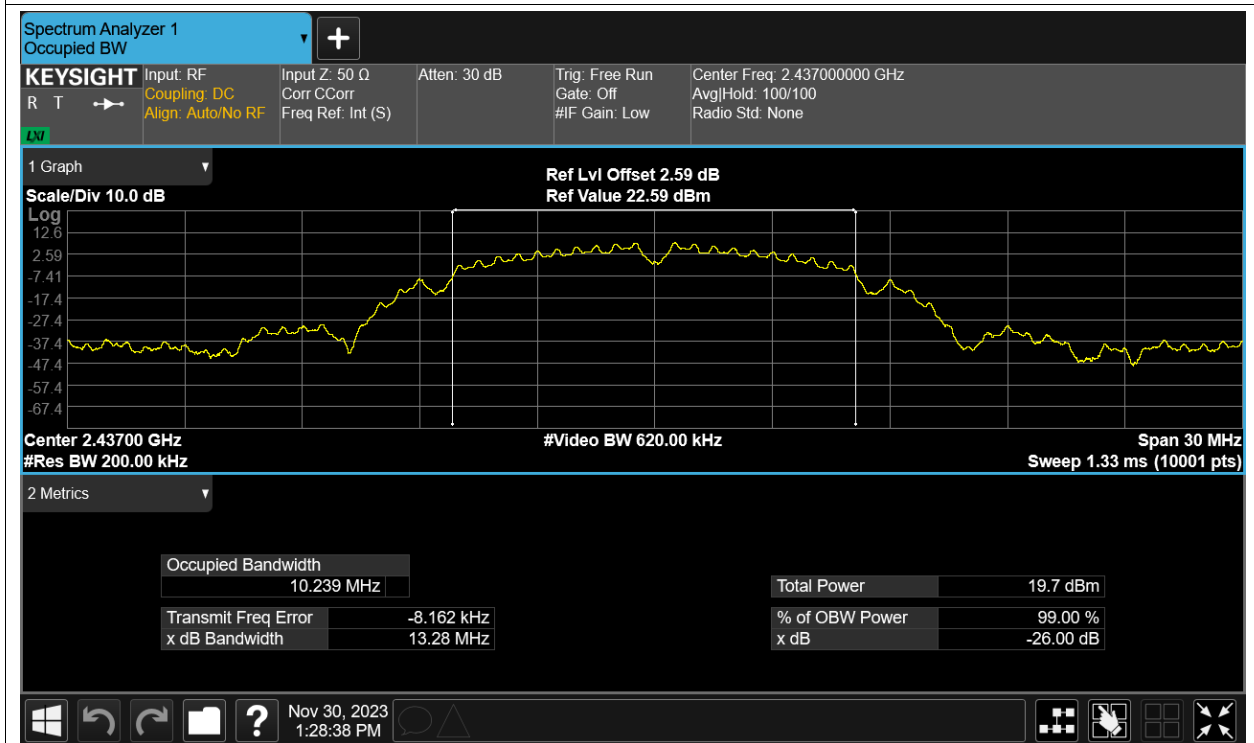
OBW NVNT ax40 2452MHz Ant1



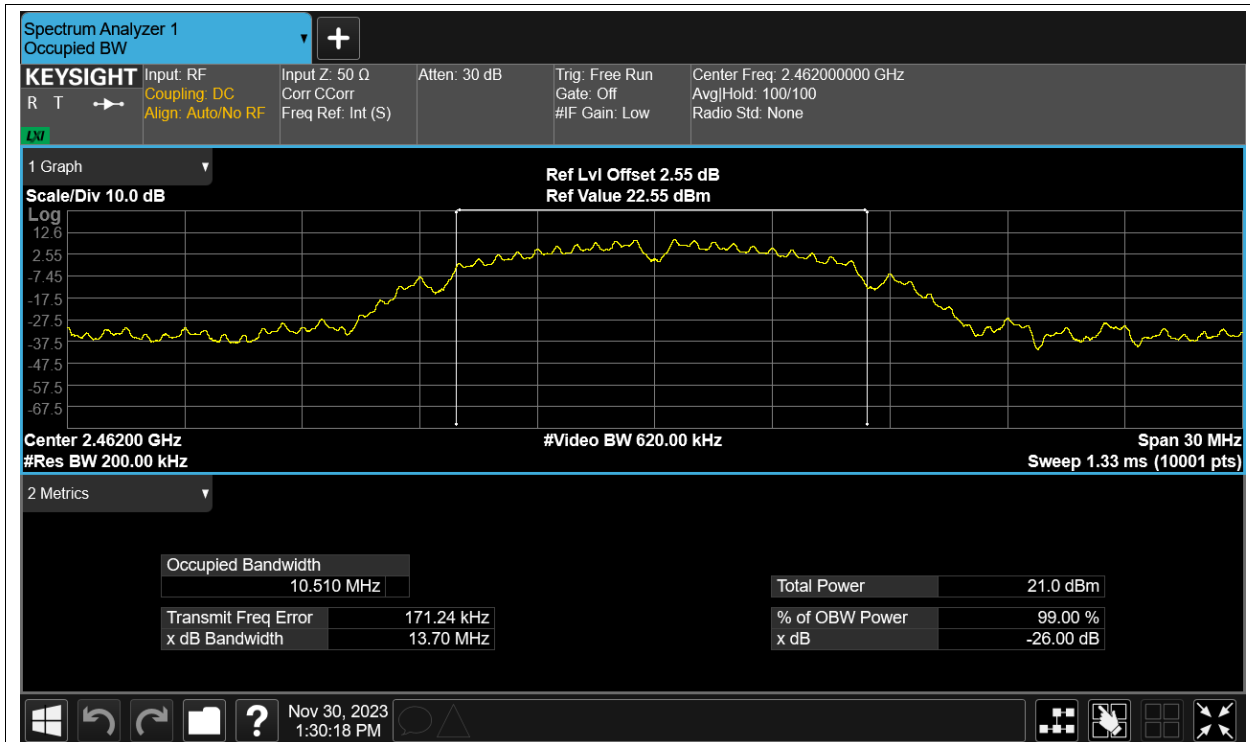
OBW NVNT b 2412MHz Ant1



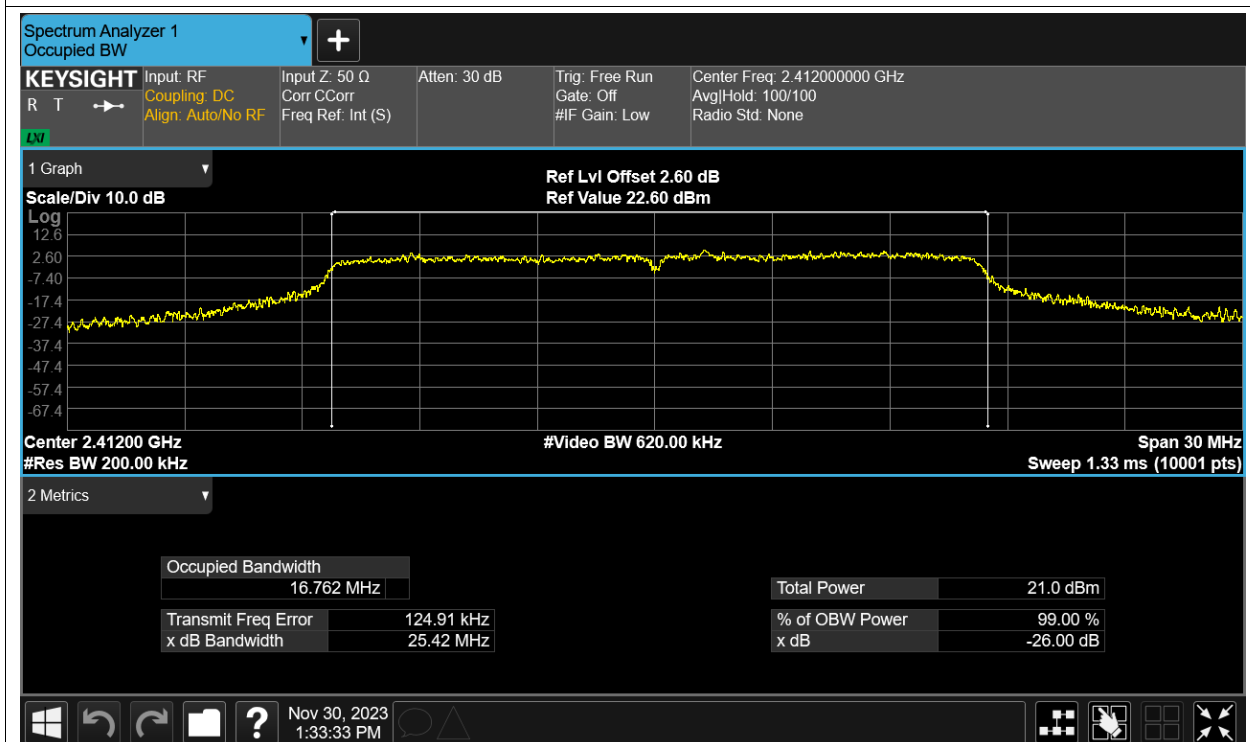
OBW NVNT b 2437MHz Ant1



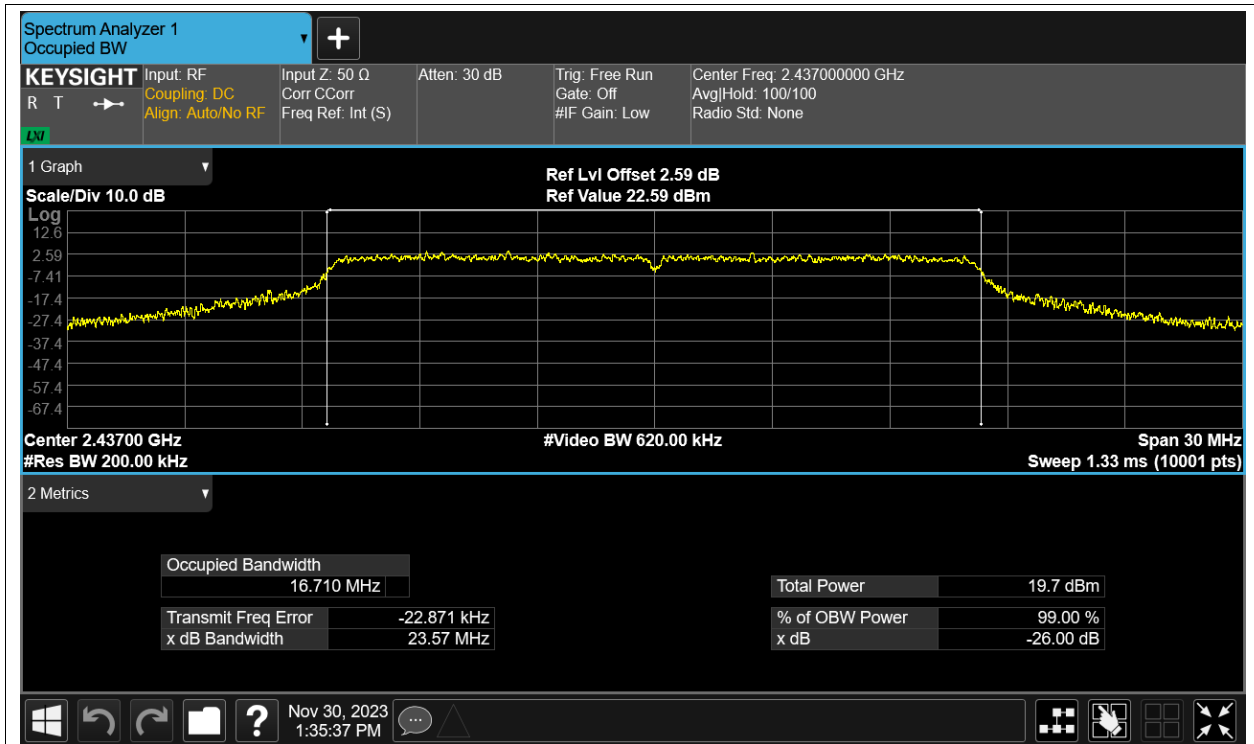
OBW NVNT b 2462MHz Ant1



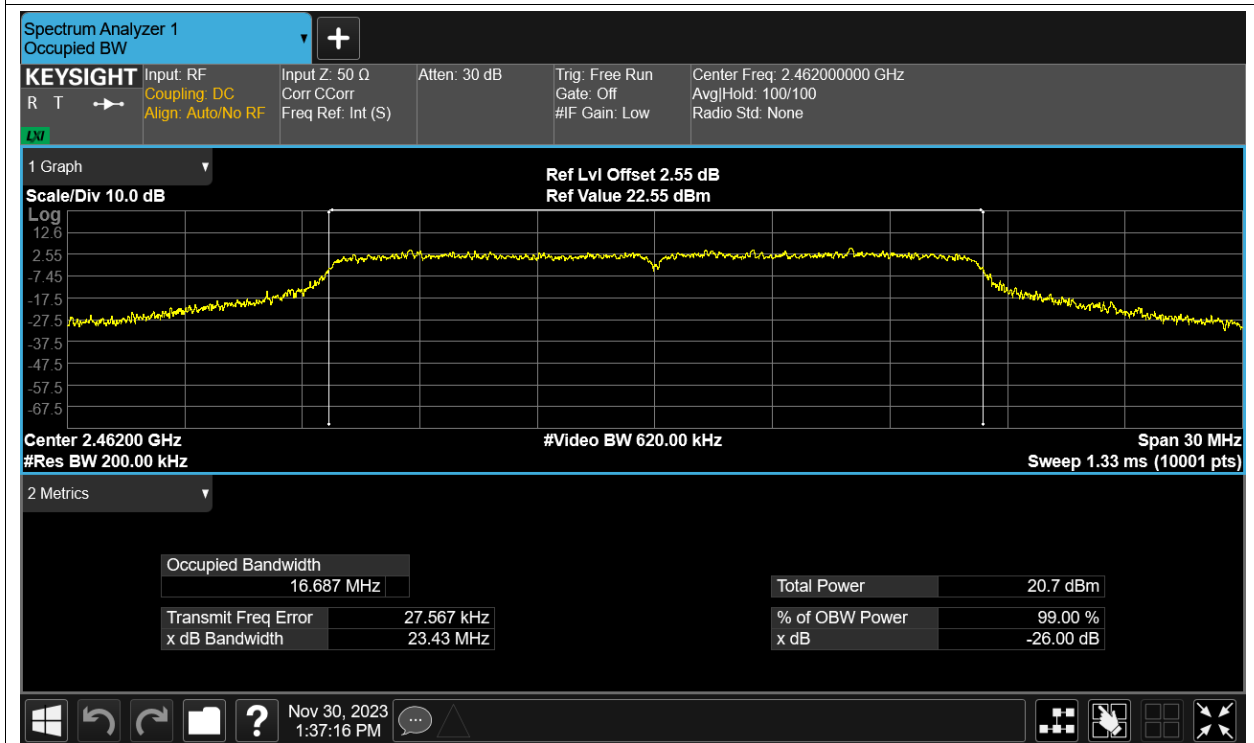
OBW NVNT g 2412MHz Ant1



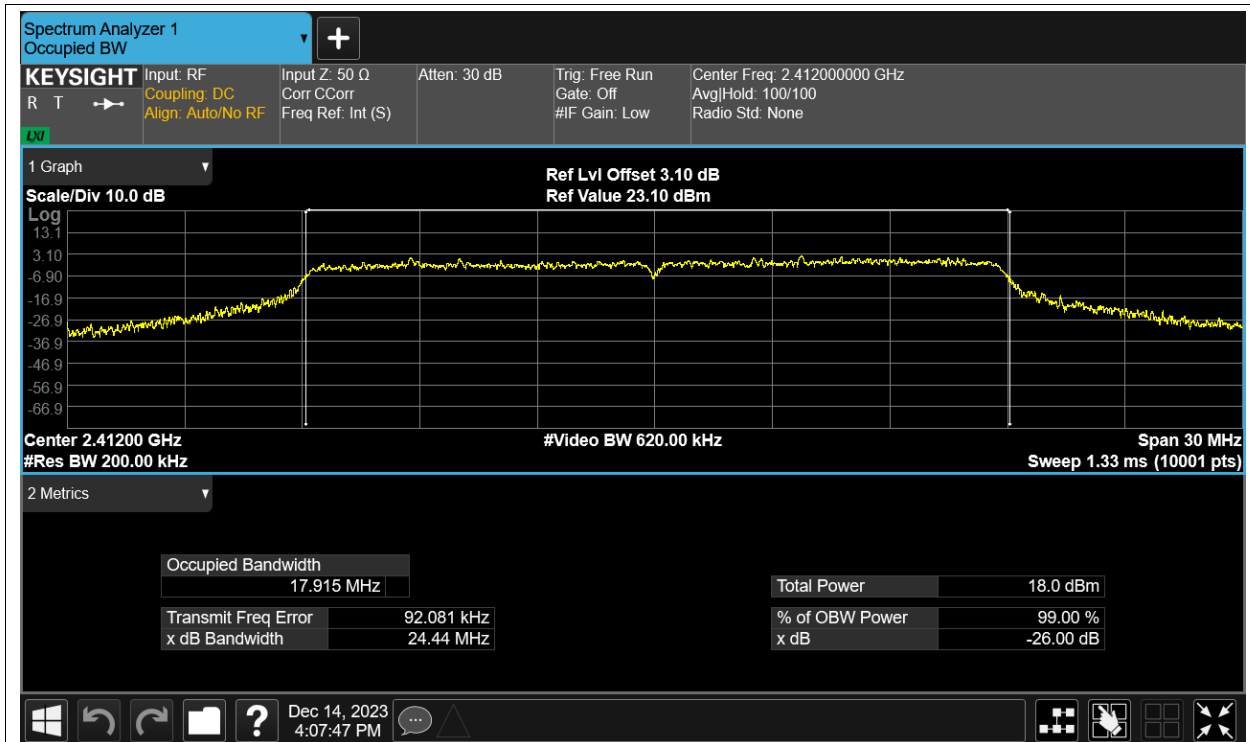
OBW NVNT g 2437MHz Ant1



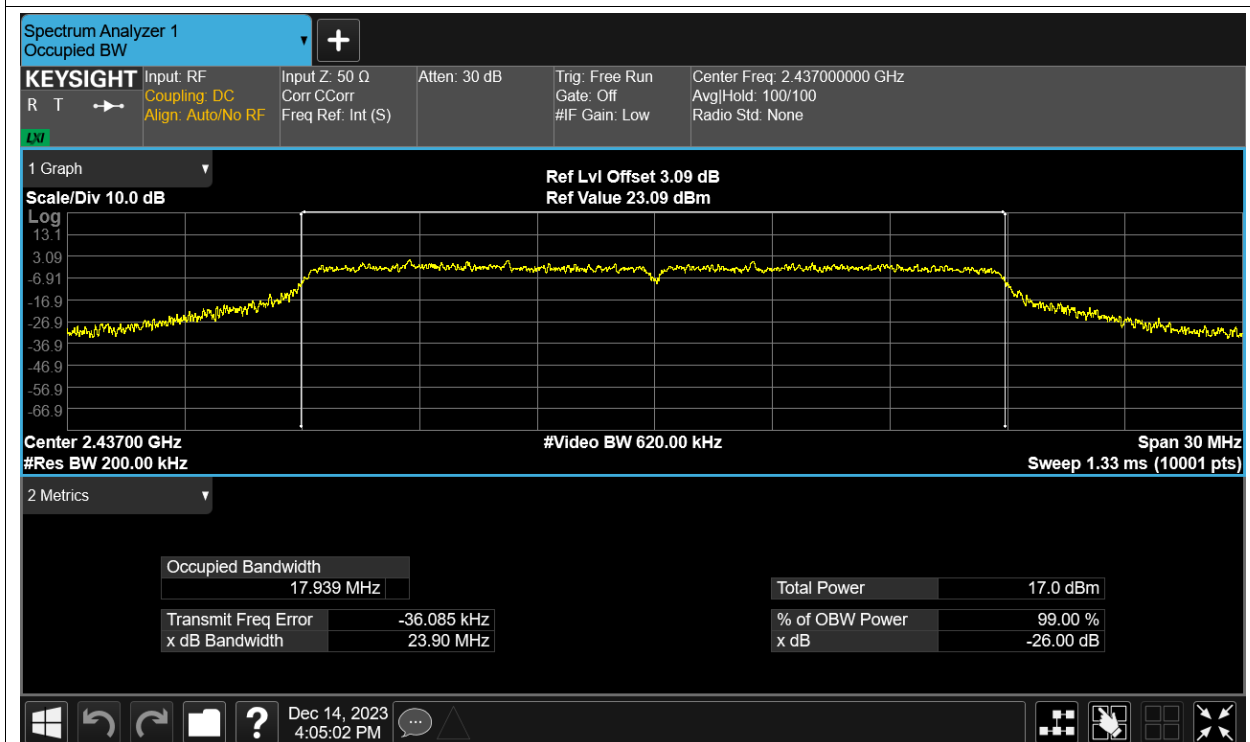
OBW NVNT g 2462MHz Ant1



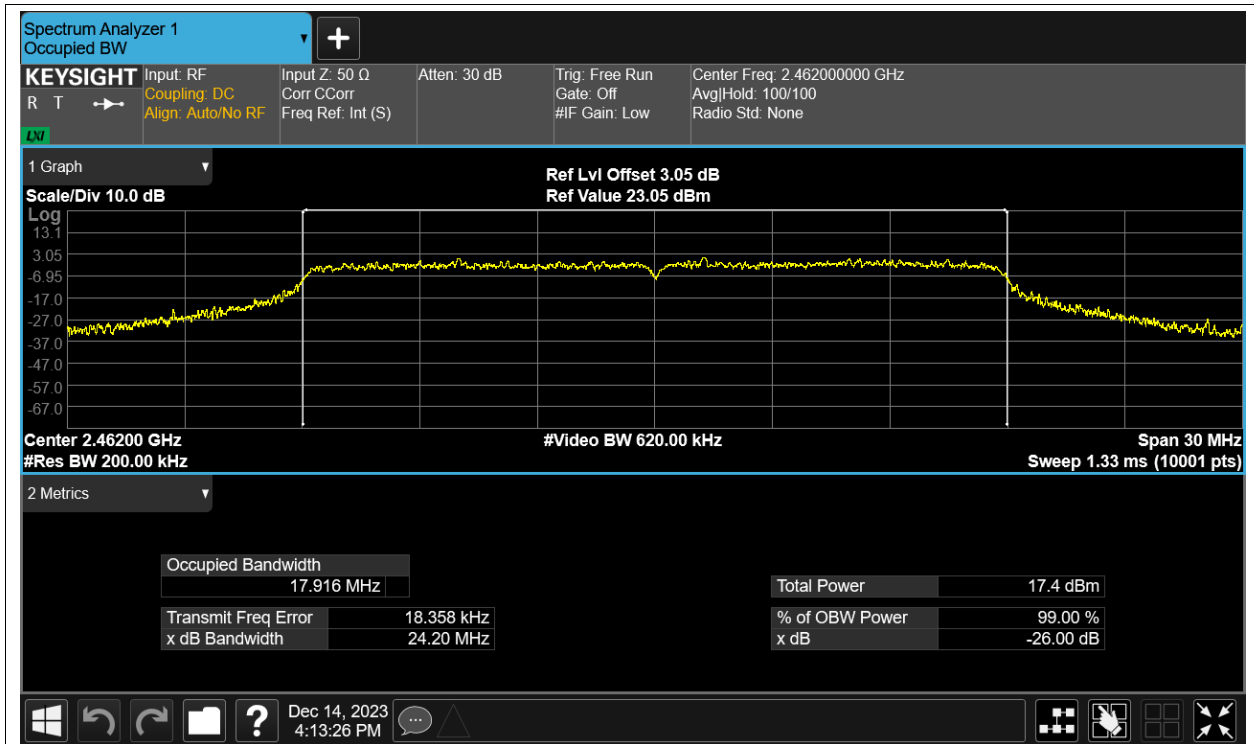
OBW NVNT n20 2412MHz Ant1



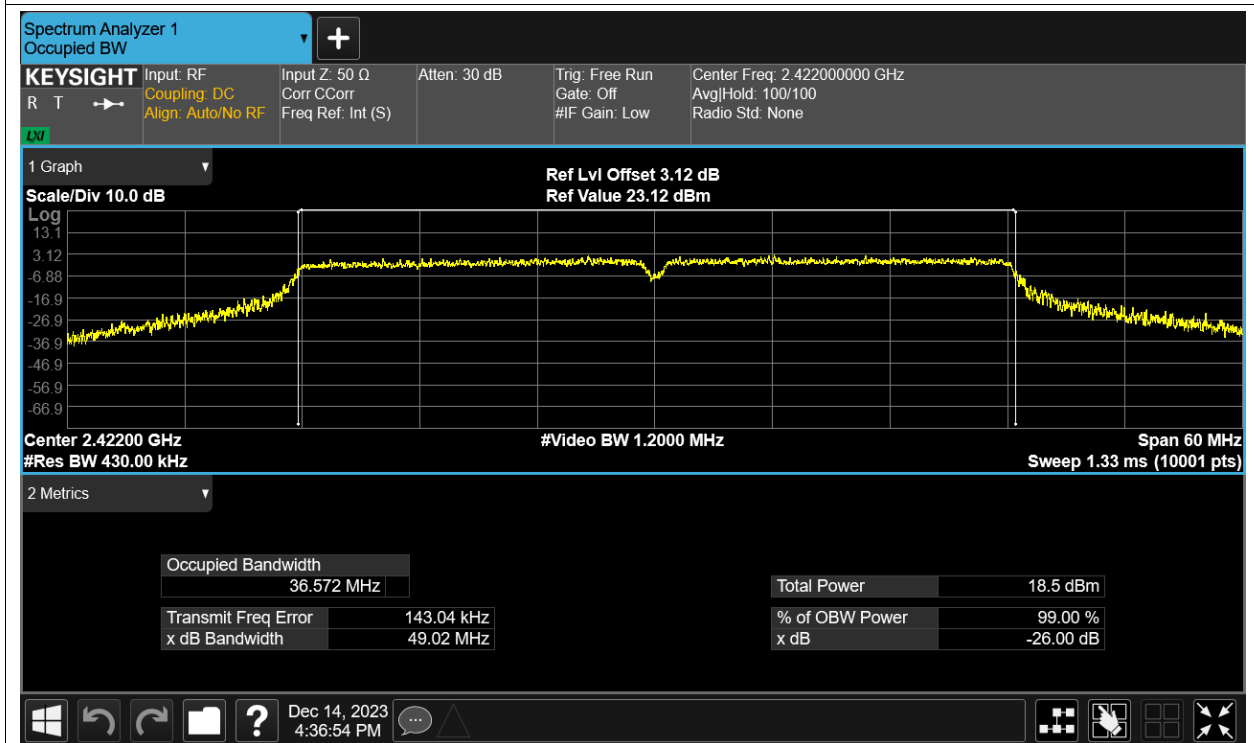
OBW NVNT n20 2437MHz Ant1



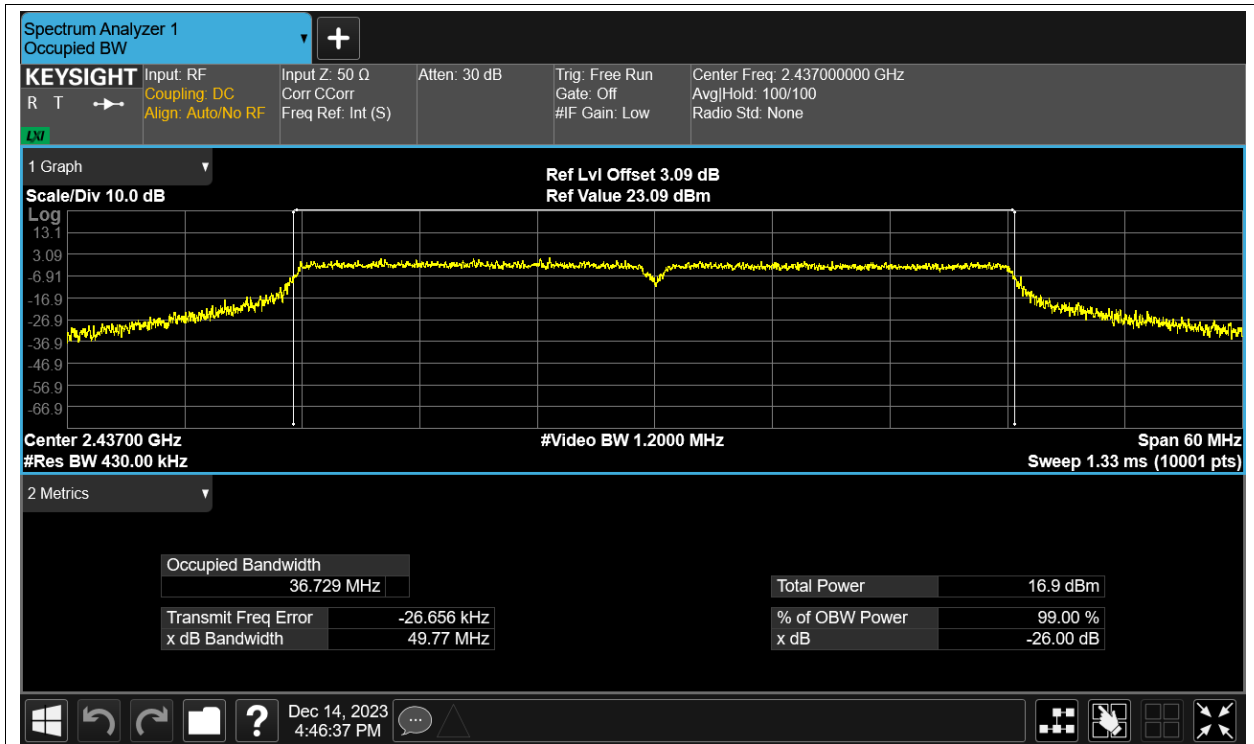
OBW NVNT n20 2462MHz Ant1



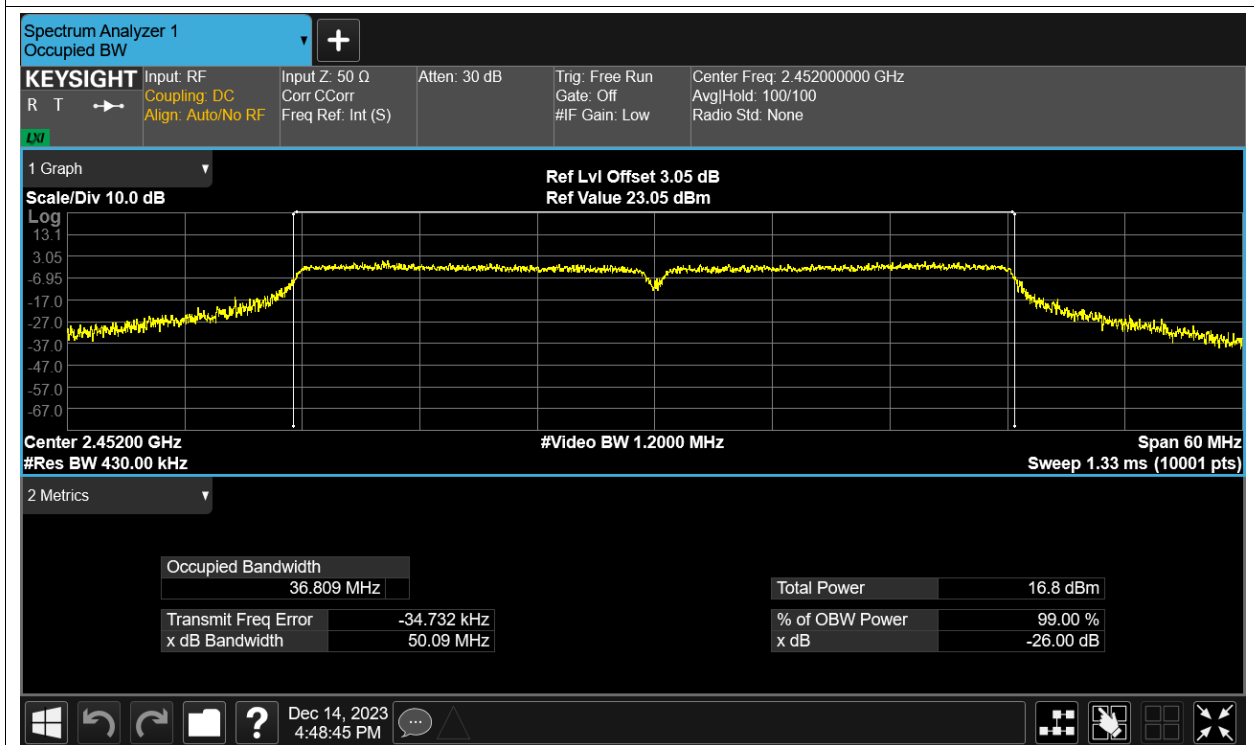
OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2437MHz Ant1



OBW NVNT n40 2452MHz Ant1

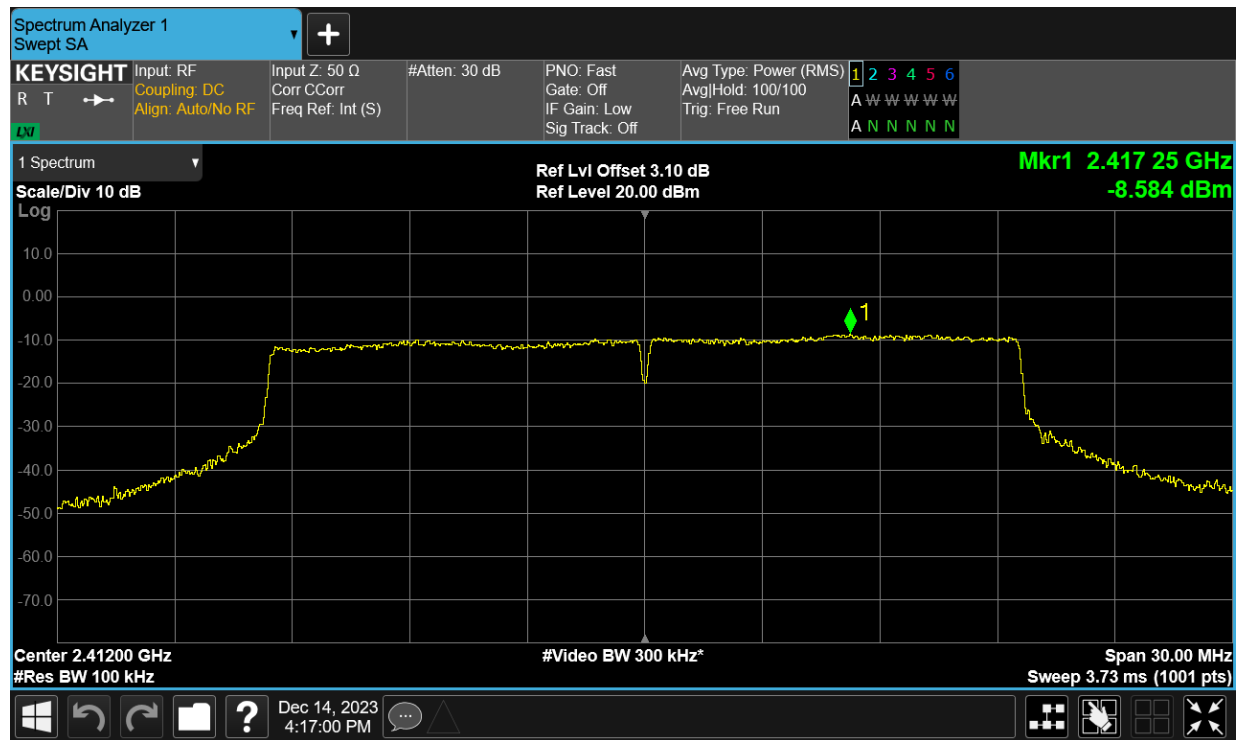


## Maximum Power Spectral Density Level

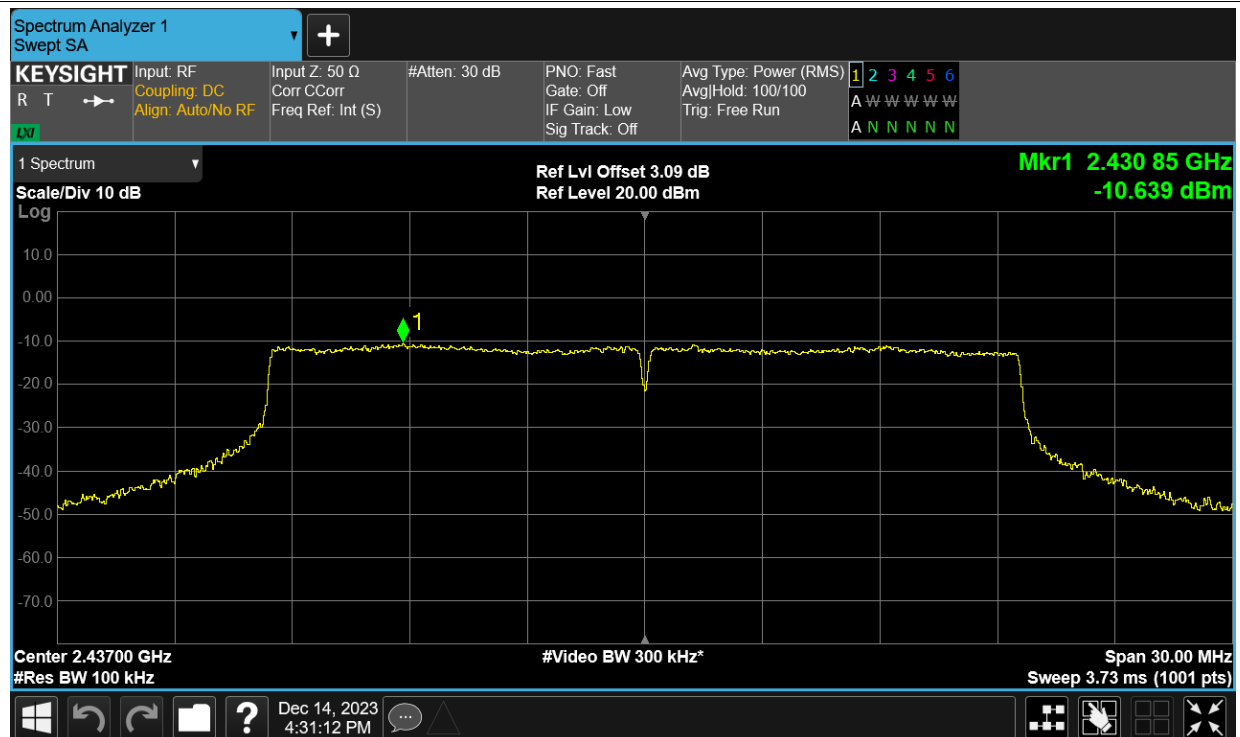
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | ax20 | 2412            | Ant1    | -8.584        | 8           | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | -10.639       | 8           | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | -9.639        | 8           | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | -11.083       | 8           | Pass    |
| NVNT      | ax40 | 2437            | Ant1    | -13.267       | 8           | Pass    |
| NVNT      | ax40 | 2452            | Ant1    | -14.232       | 8           | Pass    |
| NVNT      | b    | 2412            | Ant1    | -0.673        | 8           | Pass    |
| NVNT      | b    | 2437            | Ant1    | -0.963        | 8           | Pass    |
| NVNT      | b    | 2462            | Ant1    | 0.638         | 8           | Pass    |
| NVNT      | g    | 2412            | Ant1    | -4.07         | 8           | Pass    |
| NVNT      | g    | 2437            | Ant1    | -6.002        | 8           | Pass    |
| NVNT      | g    | 2462            | Ant1    | -4.508        | 8           | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -7.384        | 8           | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -8.595        | 8           | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -8.08         | 8           | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -10.588       | 8           | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -12.73        | 8           | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -13.088       | 8           | Pass    |

Test Graphs

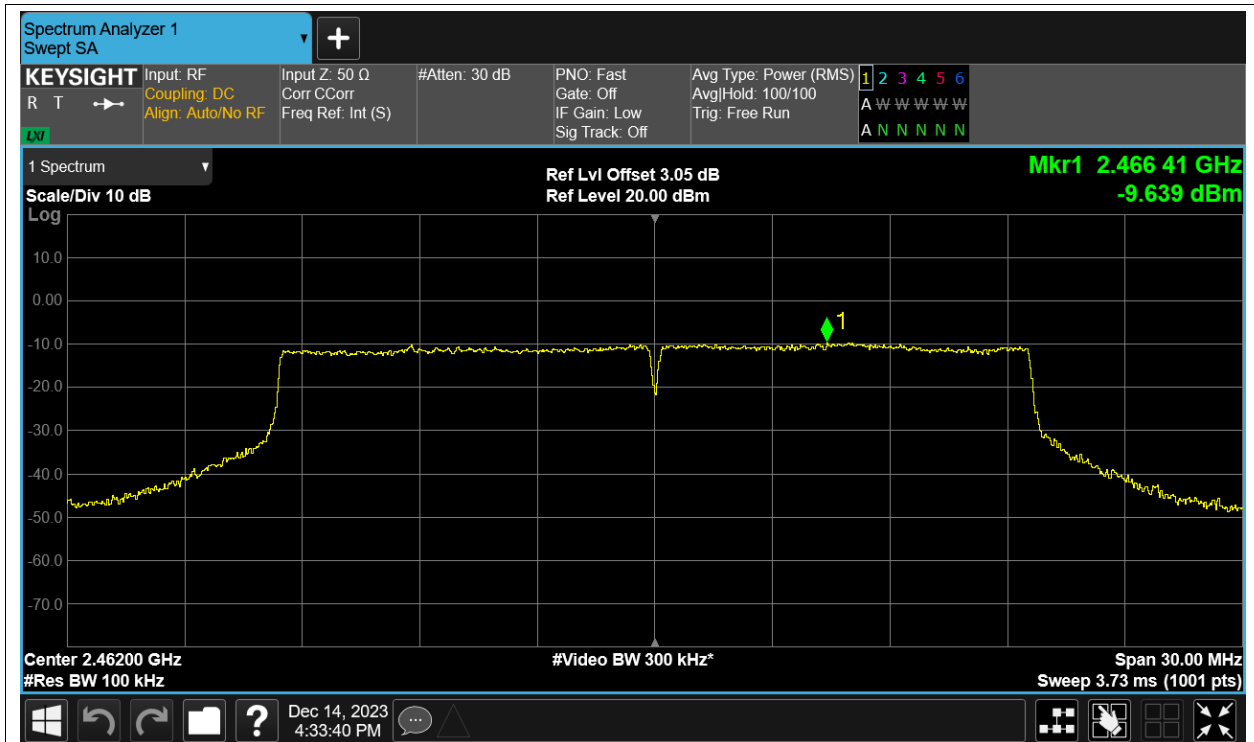
PSD NVNT ax20 2412MHz Ant1



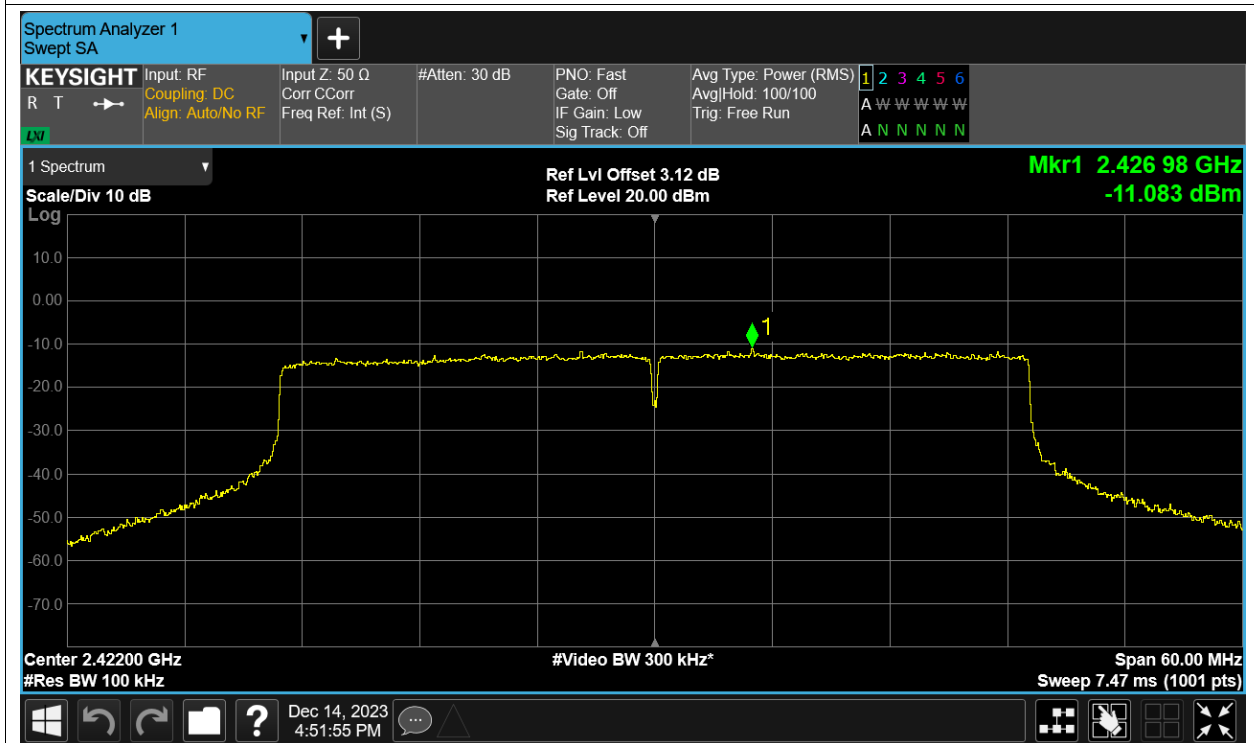
PSD NVNT ax20 2437MHz Ant1



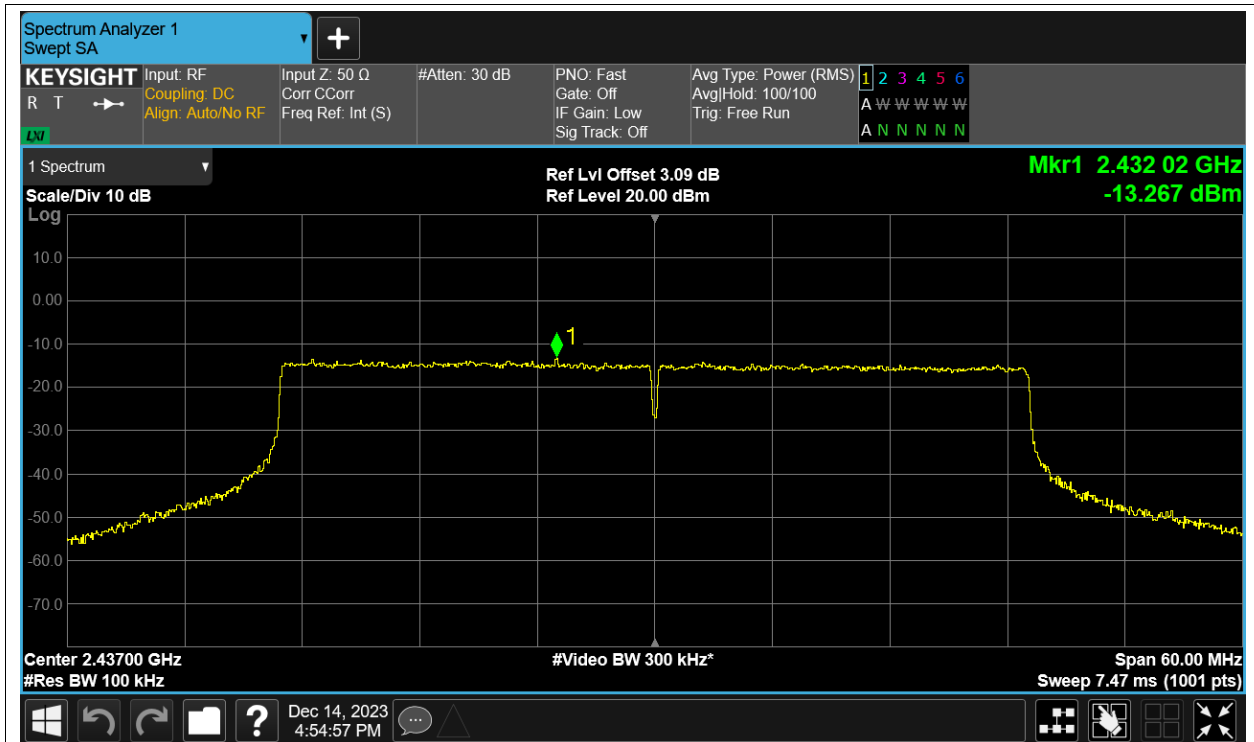
PSD NVNT ax20 2462MHz Ant1



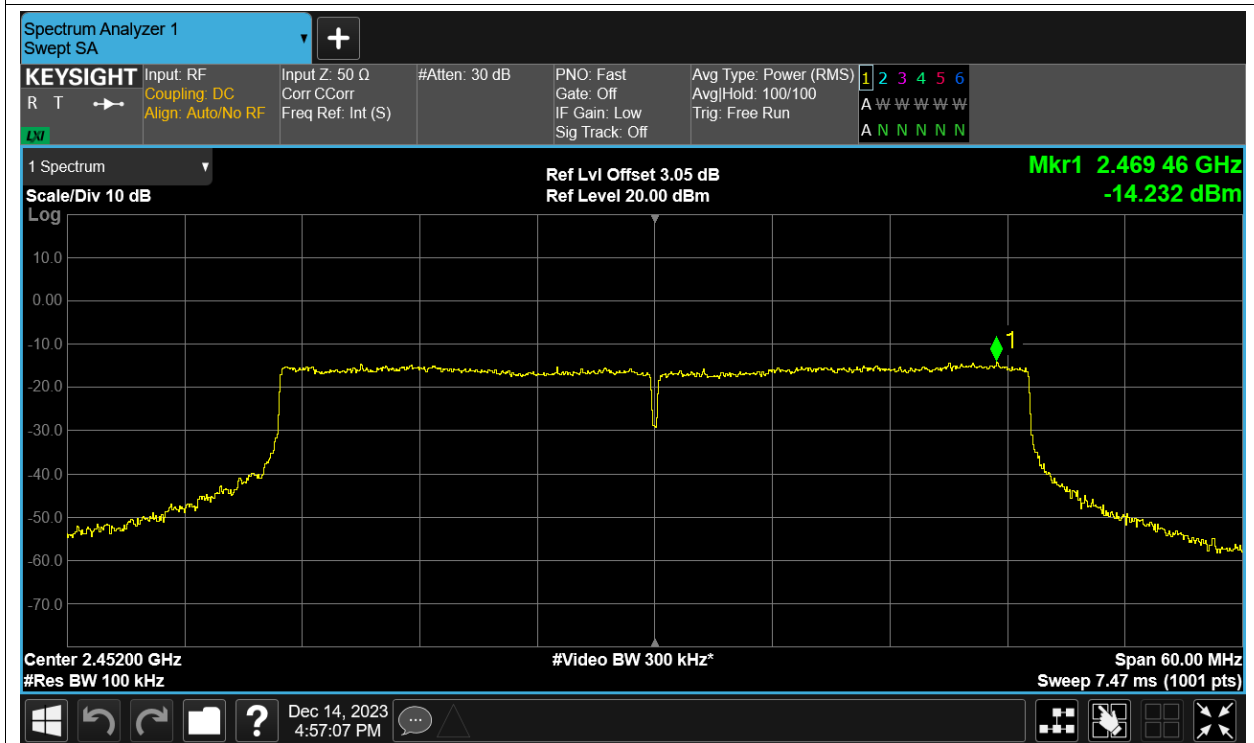
PSD NVNT ax40 2422MHz Ant1



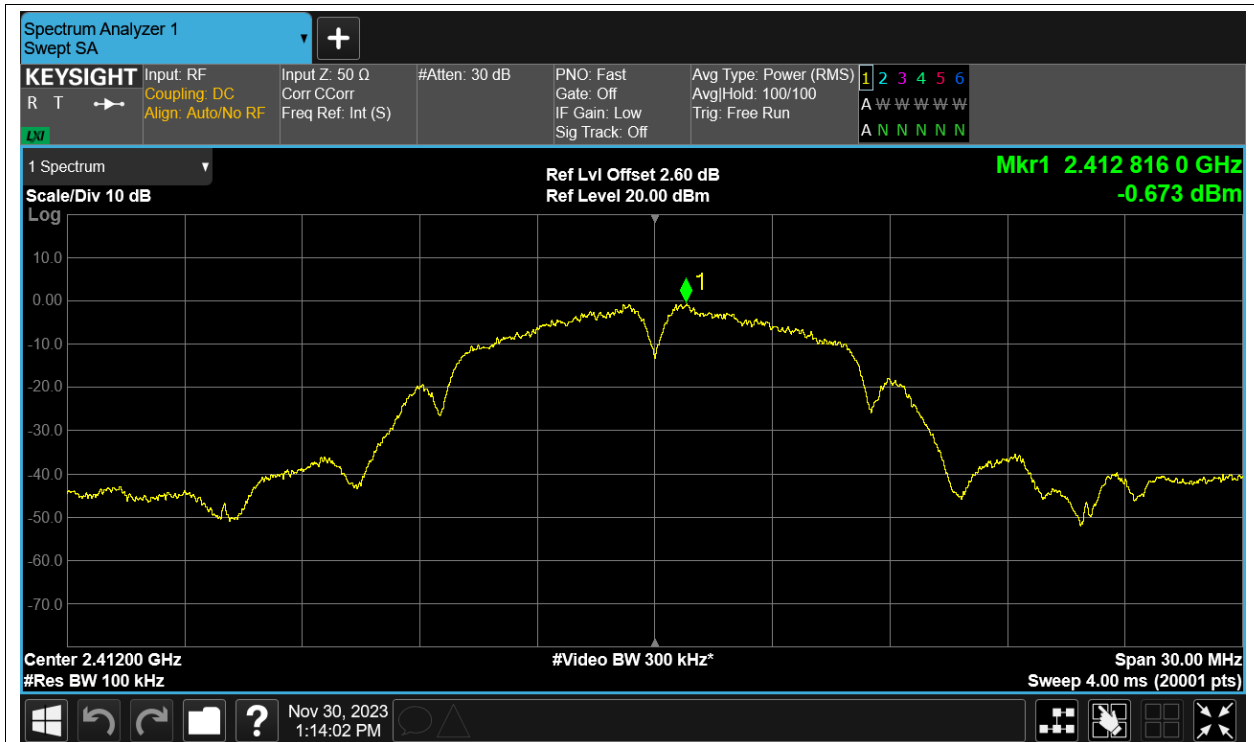
PSD NVNT ax40 2437MHz Ant1



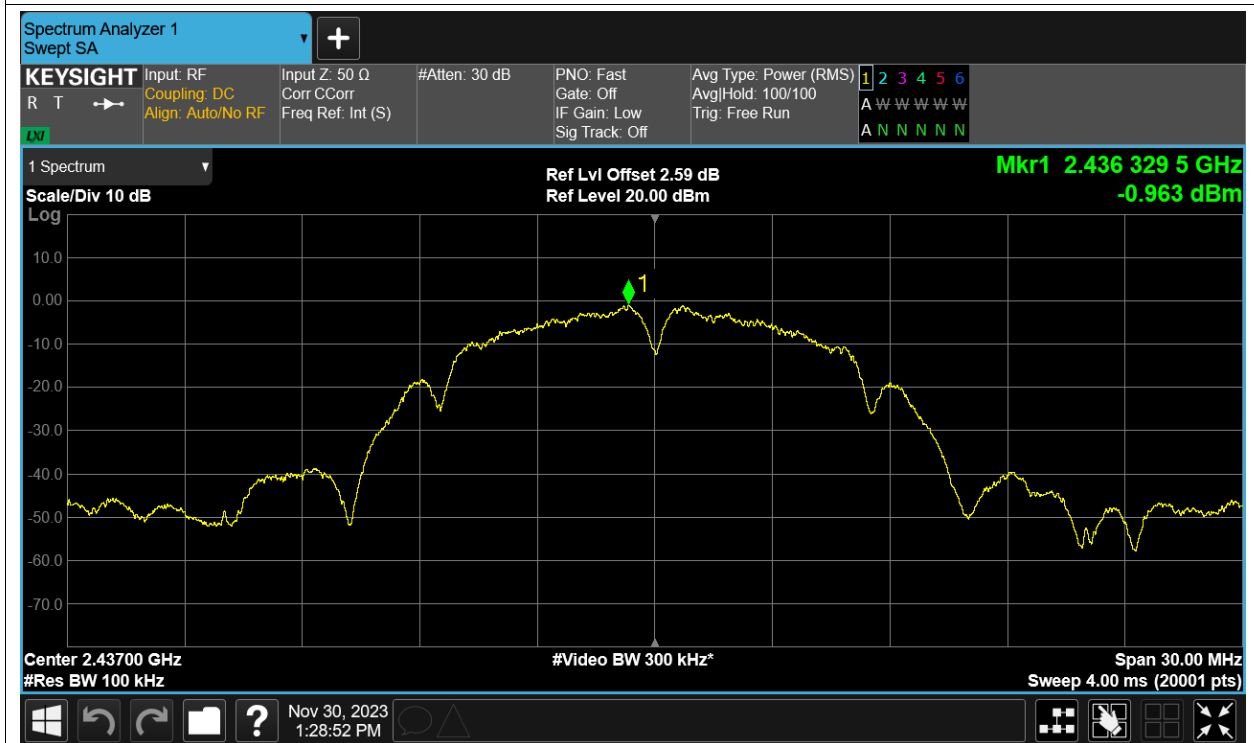
PSD NVNT ax40 2452MHz Ant1



PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1



PSD NVNT b 2462MHz Ant1