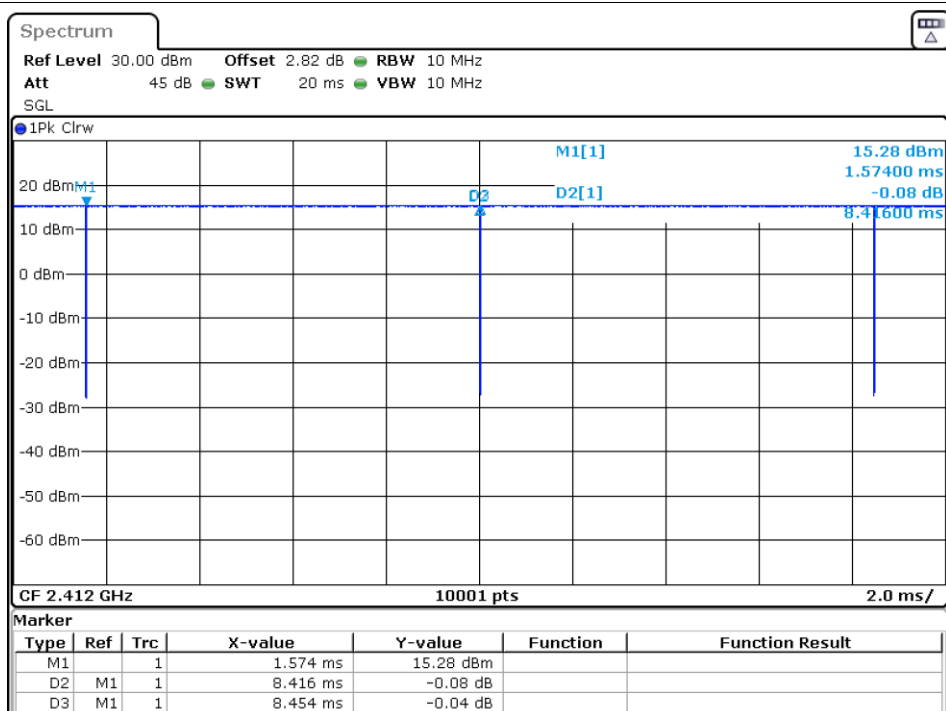


## 260723059SZN-003\_Appendix

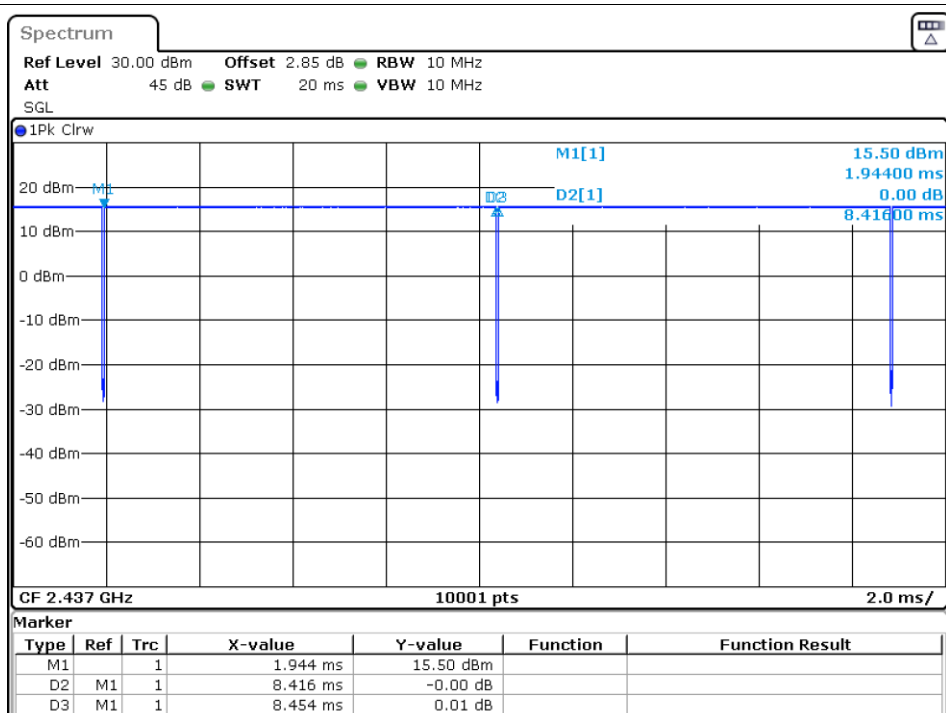
|                                              |    |
|----------------------------------------------|----|
| Duty Cycle.....                              | 2  |
| Maximum Average Conducted Output Power ..... | 12 |
| Maximum Peak Conducted Output Power .....    | 22 |
| -6dB Bandwidth.....                          | 32 |
| Occupied Channel Bandwidth .....             | 42 |
| Maximum Power Spectral Density Level.....    | 52 |
| Band Edge .....                              | 62 |
| Conducted RF Spurious Emission .....         | 75 |

## Duty Cycle

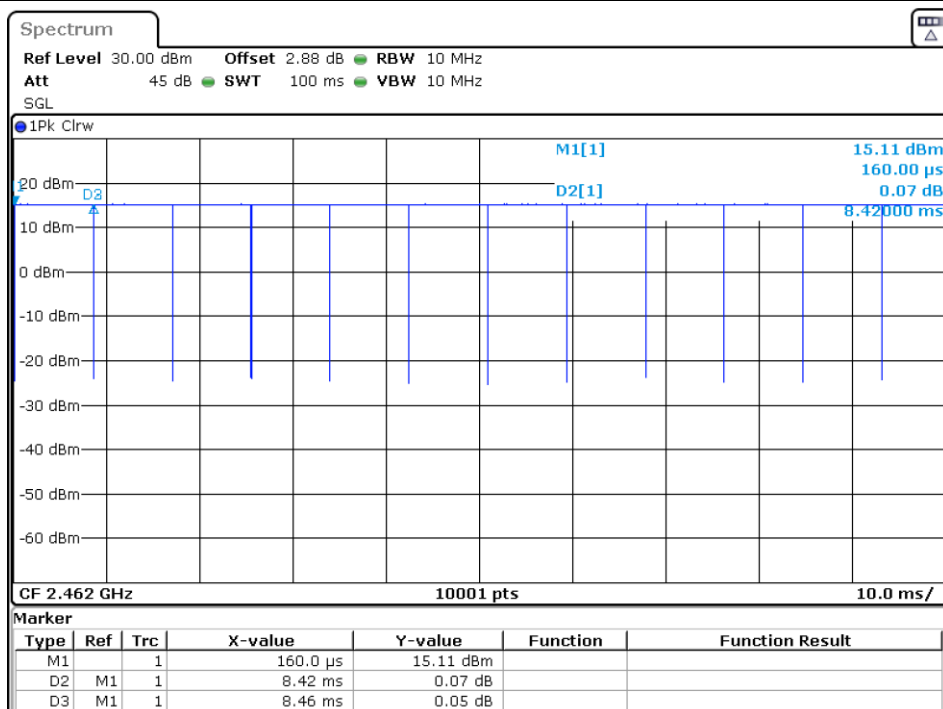
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | b    | 2412            | Ant1    | 99.55          | 0.02                   | 0.12      |
| NVNT      | b    | 2437            | Ant1    | 99.55          | 0.02                   | 0.12      |
| NVNT      | b    | 2462            | Ant1    | 99.53          | 0.02                   | 0.12      |
| NVNT      | g    | 2412            | Ant1    | 96.94          | 0.13                   | 0.72      |
| NVNT      | g    | 2437            | Ant1    | 96.94          | 0.13                   | 0.72      |
| NVNT      | g    | 2462            | Ant1    | 96.81          | 0.14                   | 0.72      |
| NVNT      | n20  | 2412            | Ant1    | 96.75          | 0.14                   | 0.76      |
| NVNT      | n20  | 2437            | Ant1    | 96.75          | 0.14                   | 0.76      |
| NVNT      | n20  | 2462            | Ant1    | 96.75          | 0.14                   | 0.76      |
| NVNT      | n40  | 2422            | Ant1    | 93.64          | 0.29                   | 1.54      |
| NVNT      | n40  | 2437            | Ant1    | 93.64          | 0.29                   | 1.54      |
| NVNT      | n40  | 2452            | Ant1    | 93.64          | 0.29                   | 1.54      |
| NVNT      | ax20 | 2412            | Ant1    | 95.86          | 0.18                   | 0.98      |
| NVNT      | ax20 | 2437            | Ant1    | 95.85          | 0.18                   | 0.98      |
| NVNT      | ax20 | 2462            | Ant1    | 94.26          | 0.26                   | 0.98      |
| NVNT      | ax40 | 2422            | Ant1    | 92.41          | 0.34                   | 1.87      |
| NVNT      | ax40 | 2437            | Ant1    | 92.41          | 0.34                   | 1.87      |
| NVNT      | ax40 | 2452            | Ant1    | 92.44          | 0.34                   | 1.86      |



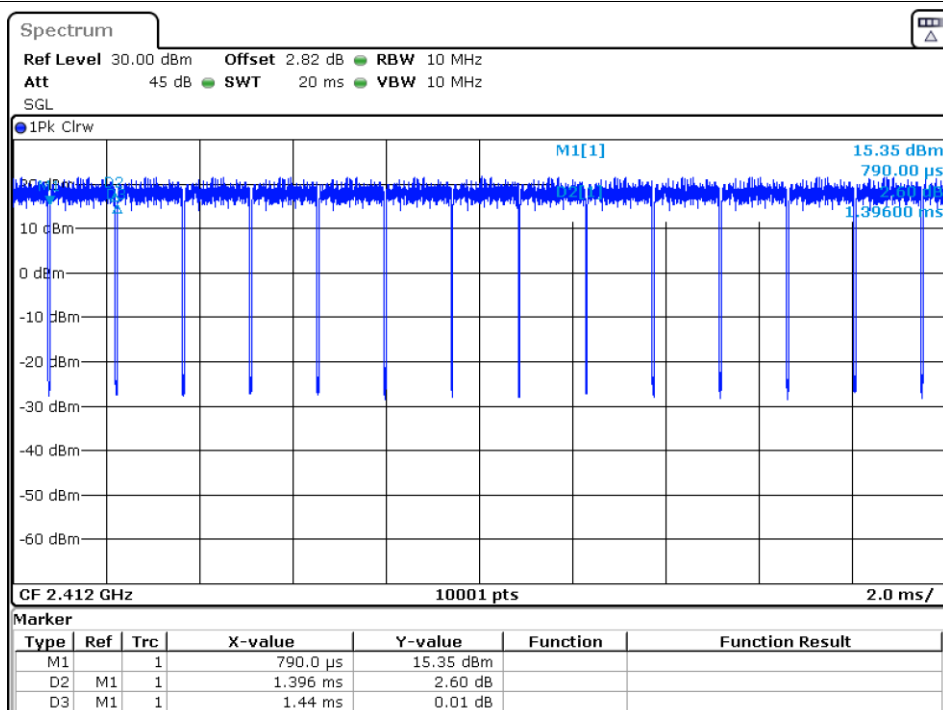
Duty Cycle NVNT b 2412MHz Ant1



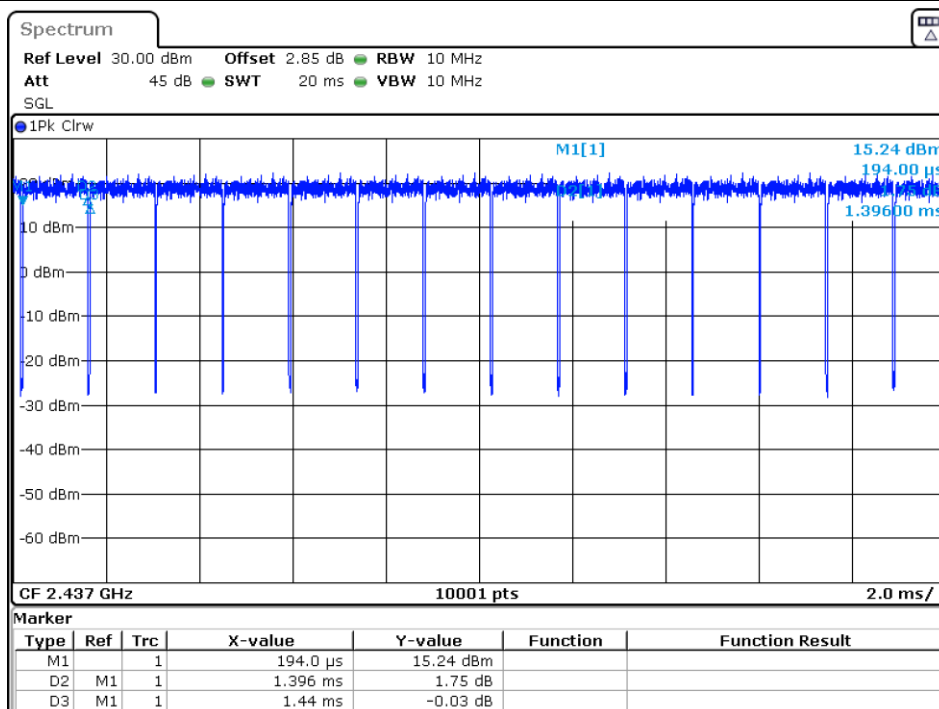
Duty Cycle NVNT b 2437MHz Ant1



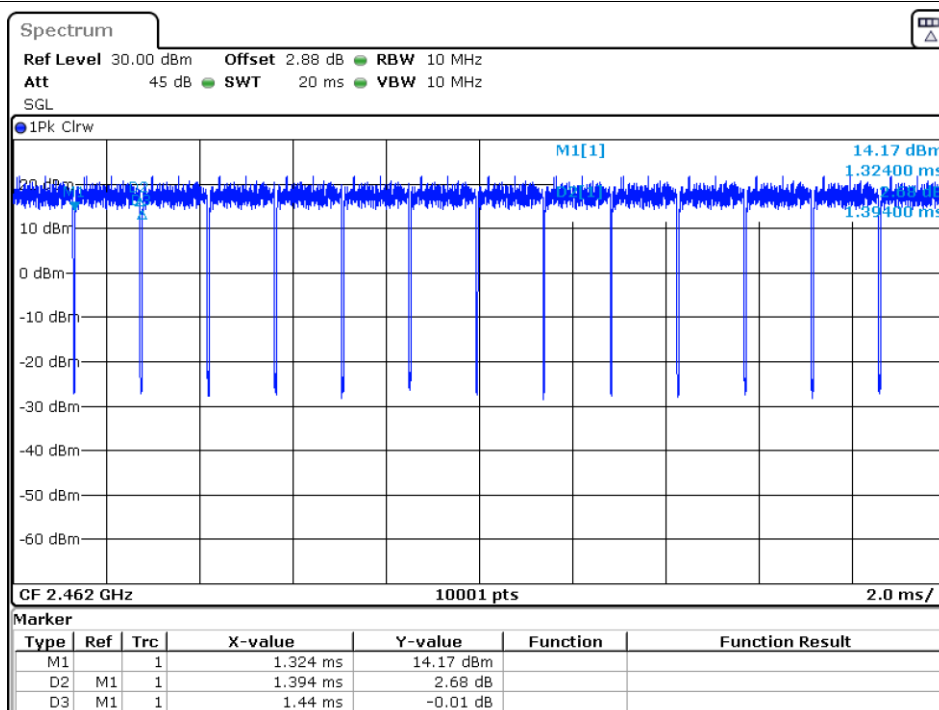
Duty Cycle NVNT b 2462MHz Ant1



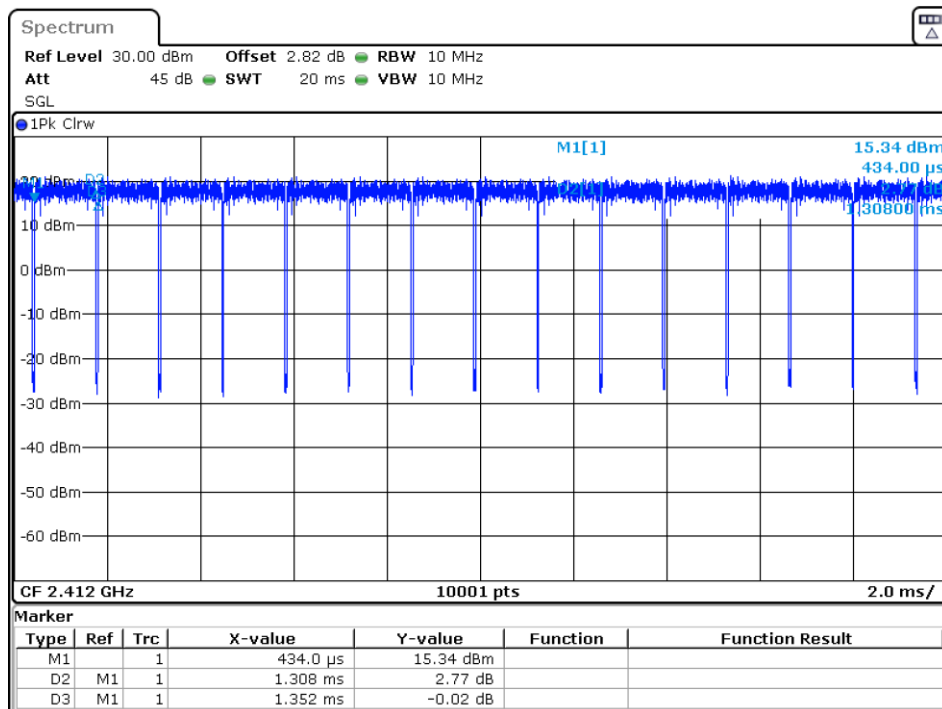
Duty Cycle NVNT g 2412MHz Ant1



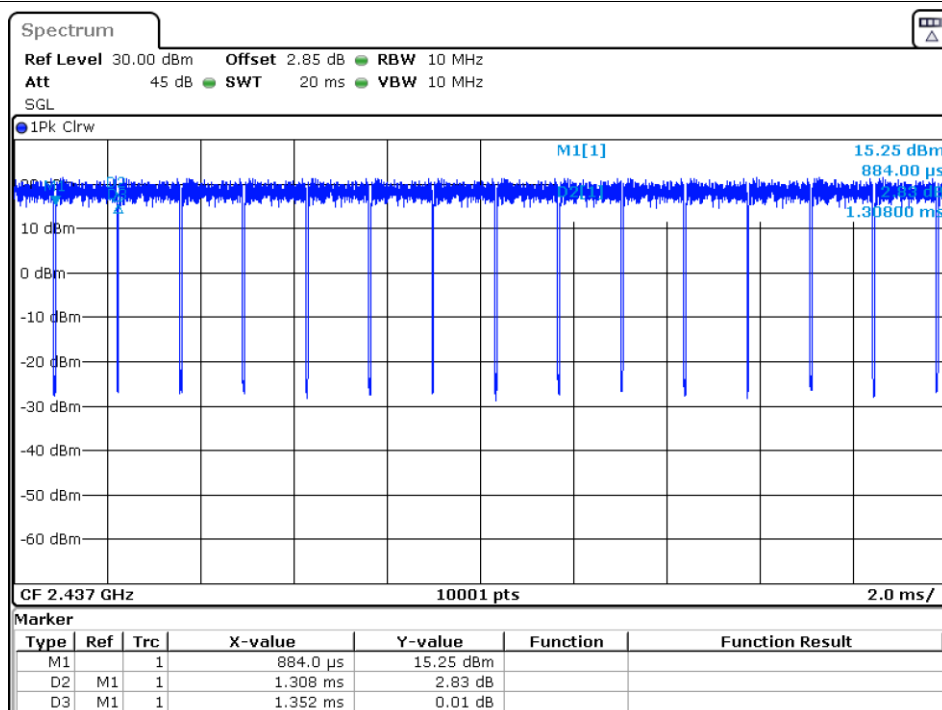
Duty Cycle NVNT g 2437MHz Ant1



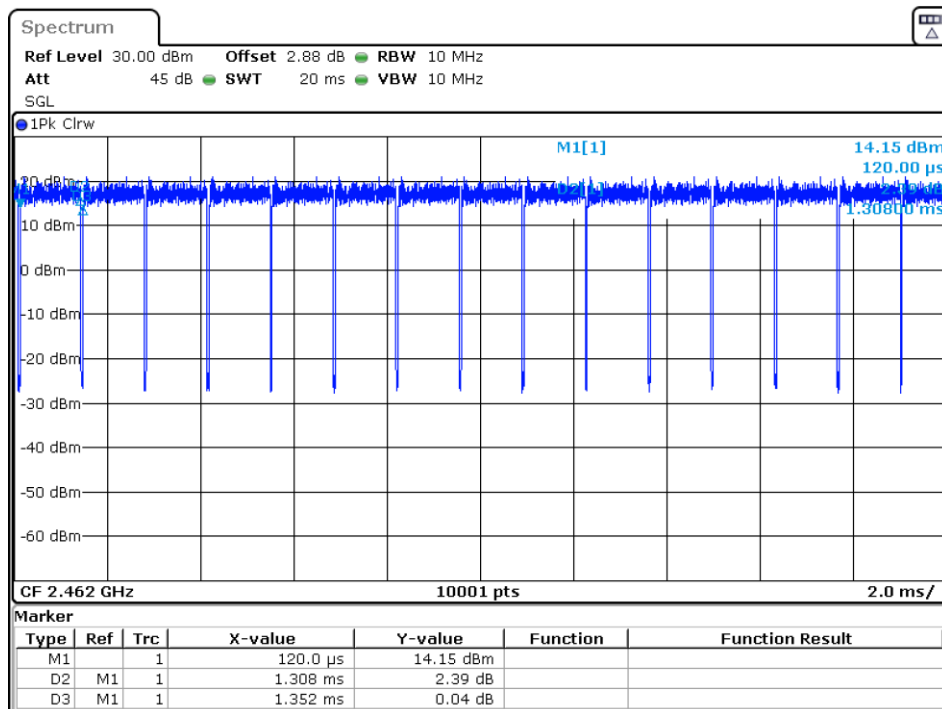
Duty Cycle NVNT g 2462MHz Ant1



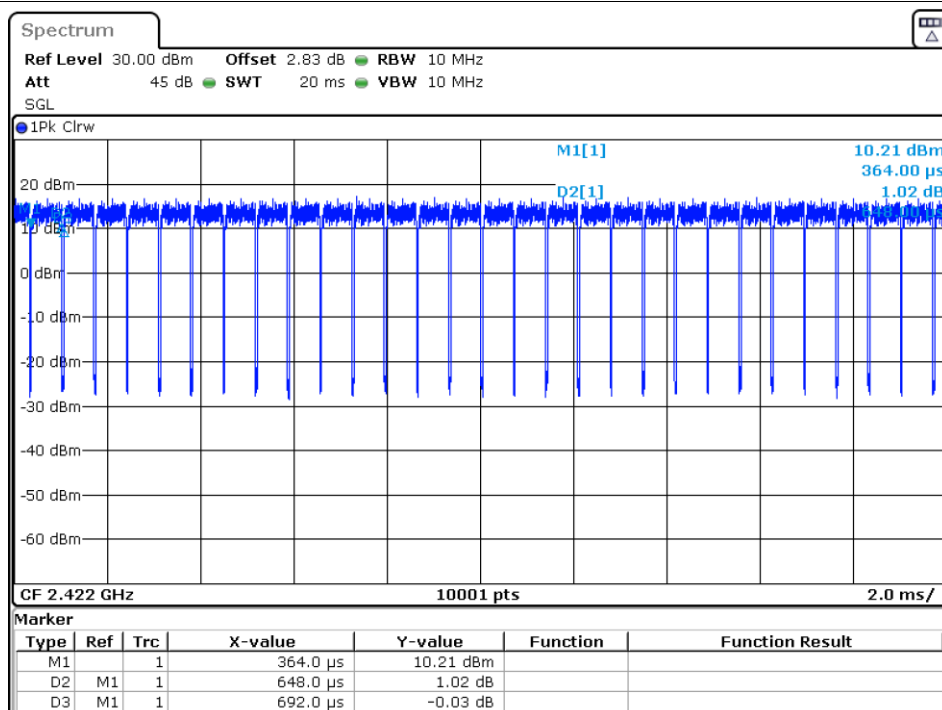
Duty Cycle NVNT n20 2412MHz Ant1



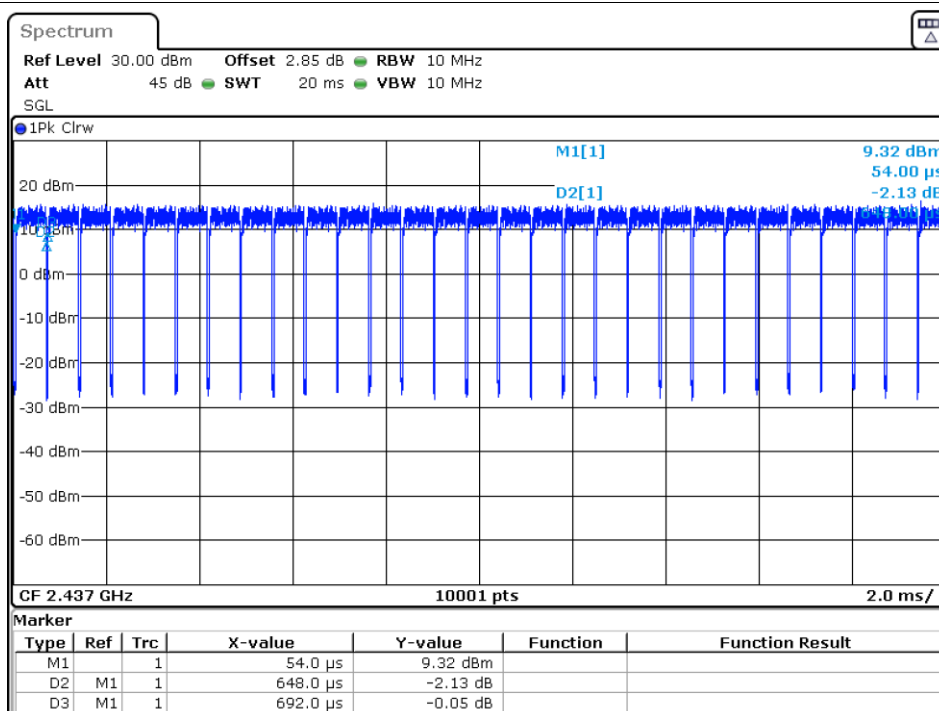
Duty Cycle NVNT n20 2437MHz Ant1



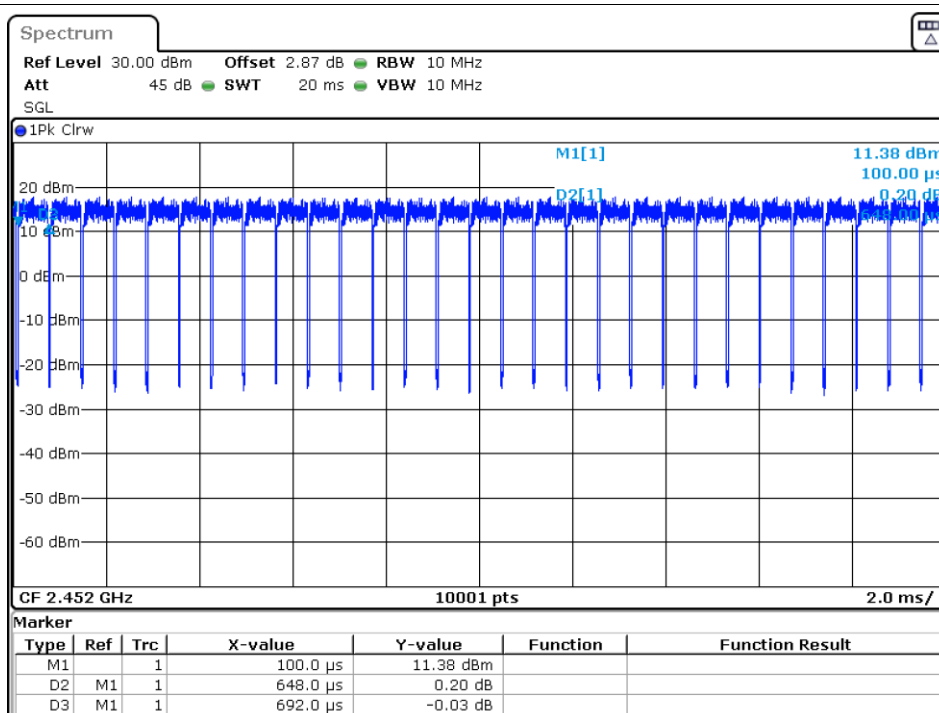
Duty Cycle NVNT n20 2462MHz Ant1



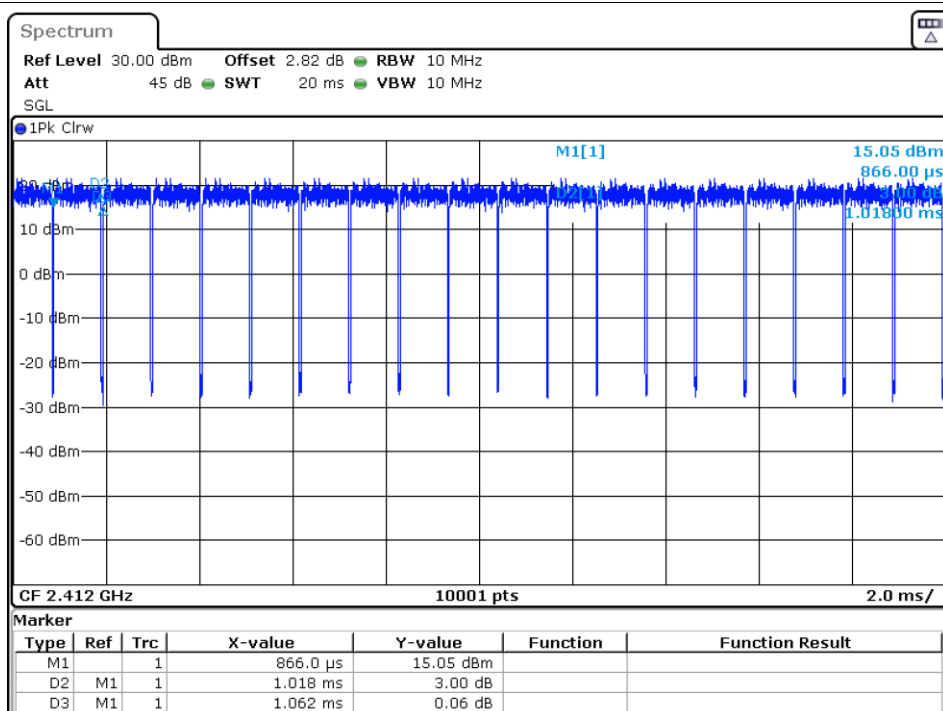
Duty Cycle NVNT n40 2422MHz Ant1



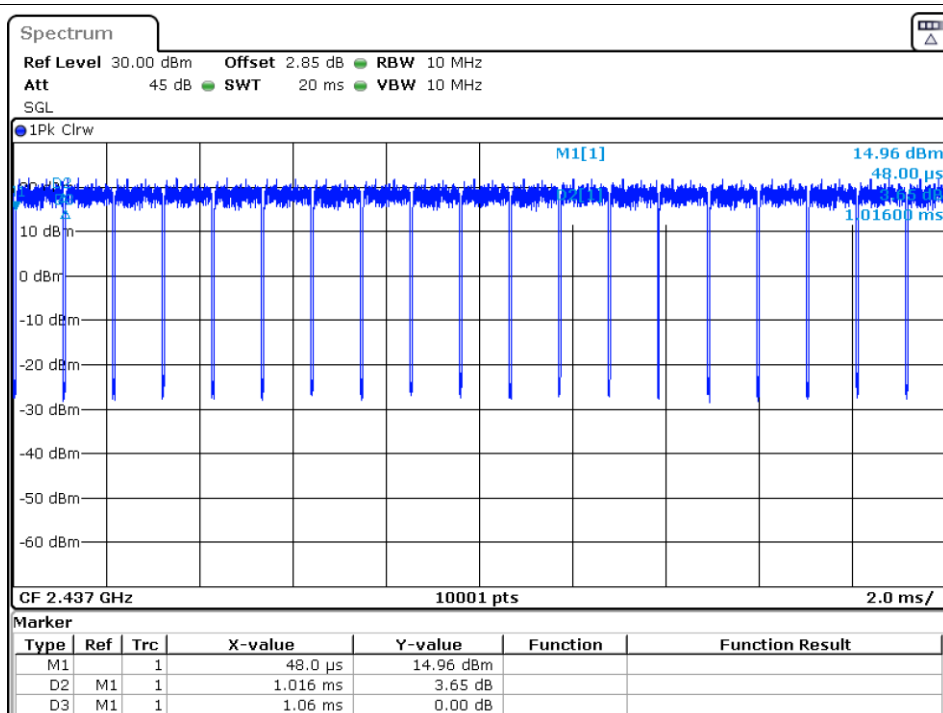
Duty Cycle NVNT n40 2437MHz Ant1



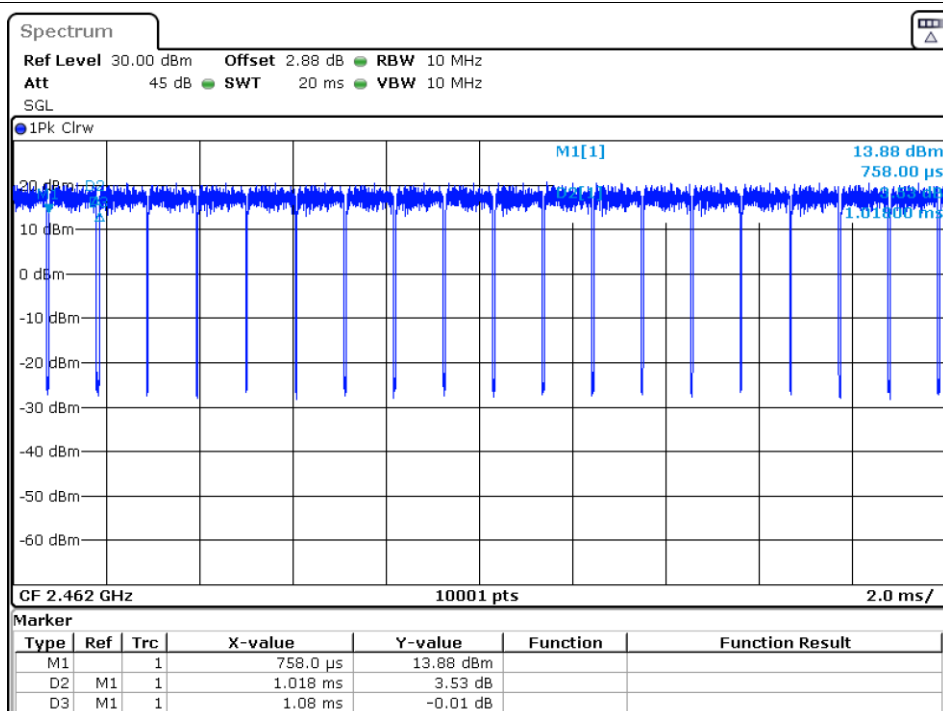
Duty Cycle NVNT n40 2452MHz Ant1



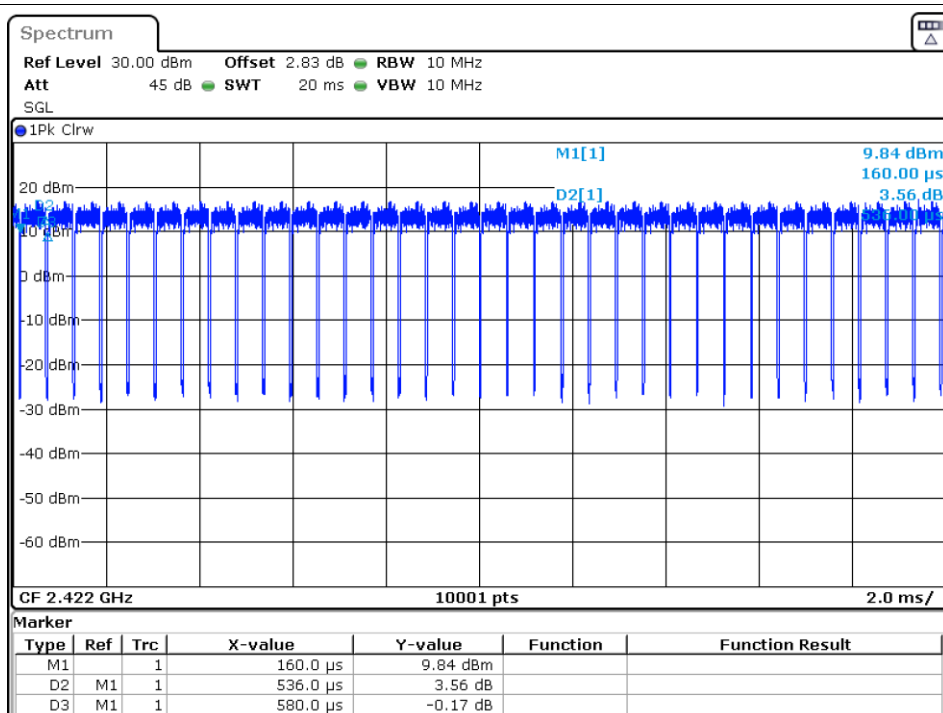
Duty Cycle NVNT ax20 2412MHz Ant1



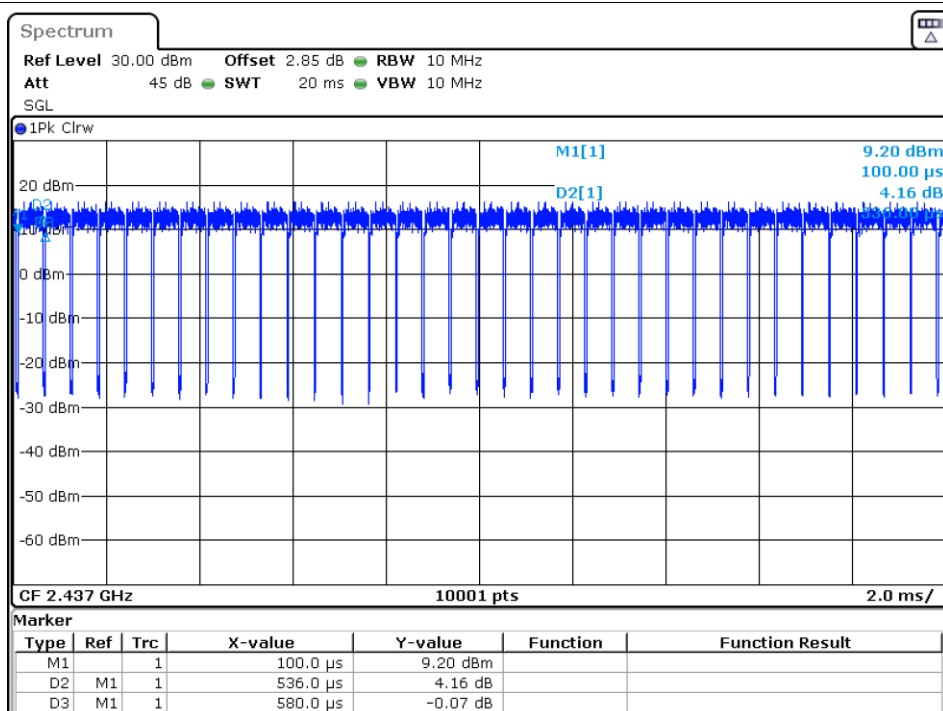
Duty Cycle NVNT ax20 2437MHz Ant1



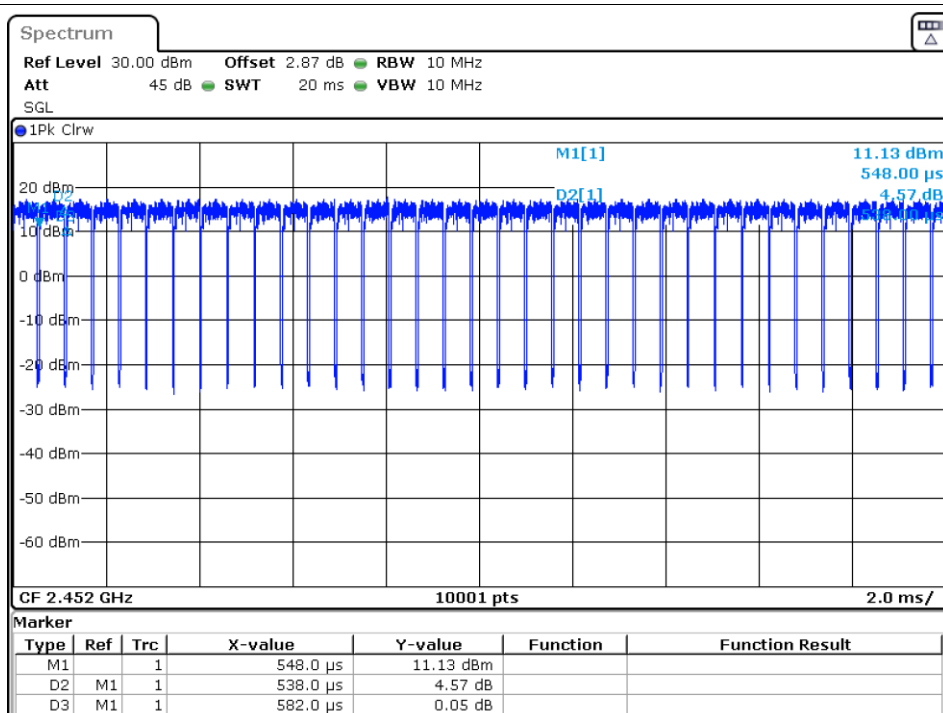
Duty Cycle NVNT ax20 2462MHz Ant1



Duty Cycle NVNT ax40 2422MHz Ant1



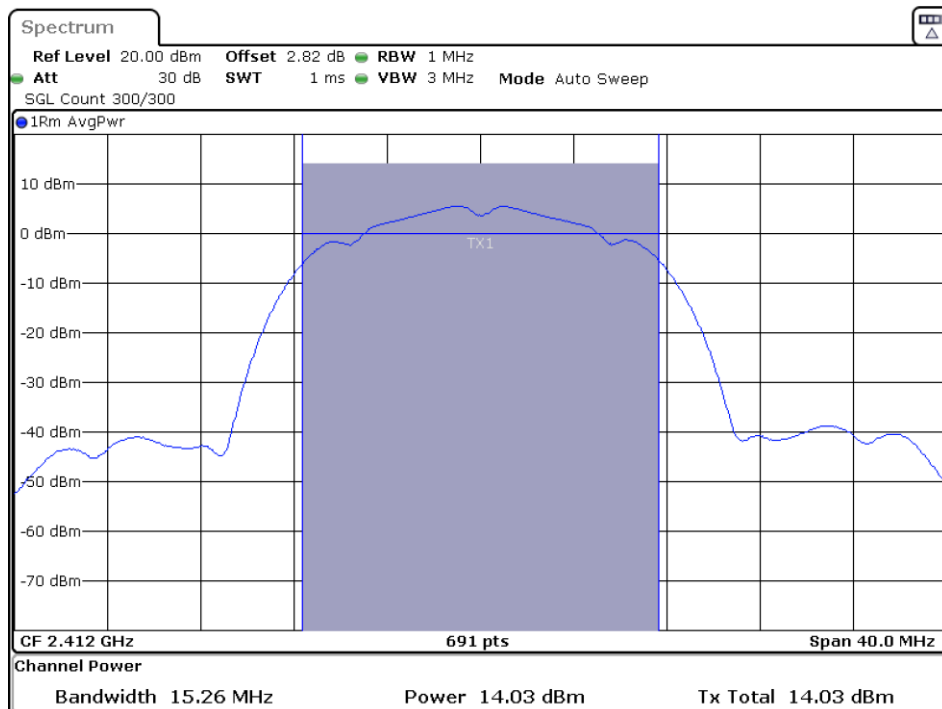
Duty Cycle NVNT ax40 2437MHz Ant1



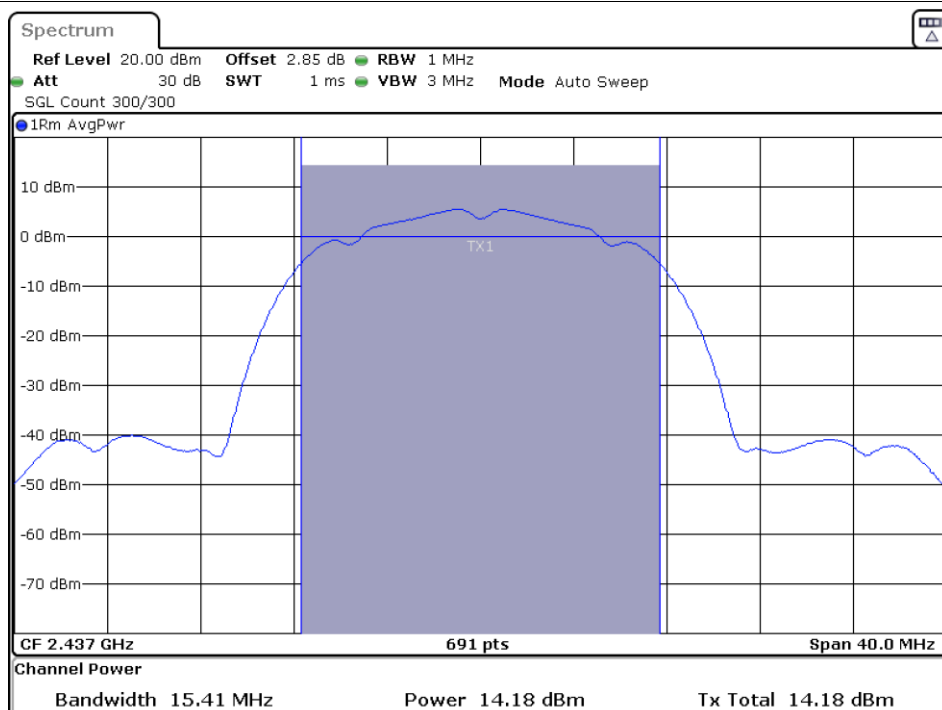
Duty Cycle NVNT ax40 2452MHz Ant1

## Maximum Average Conducted Output Power

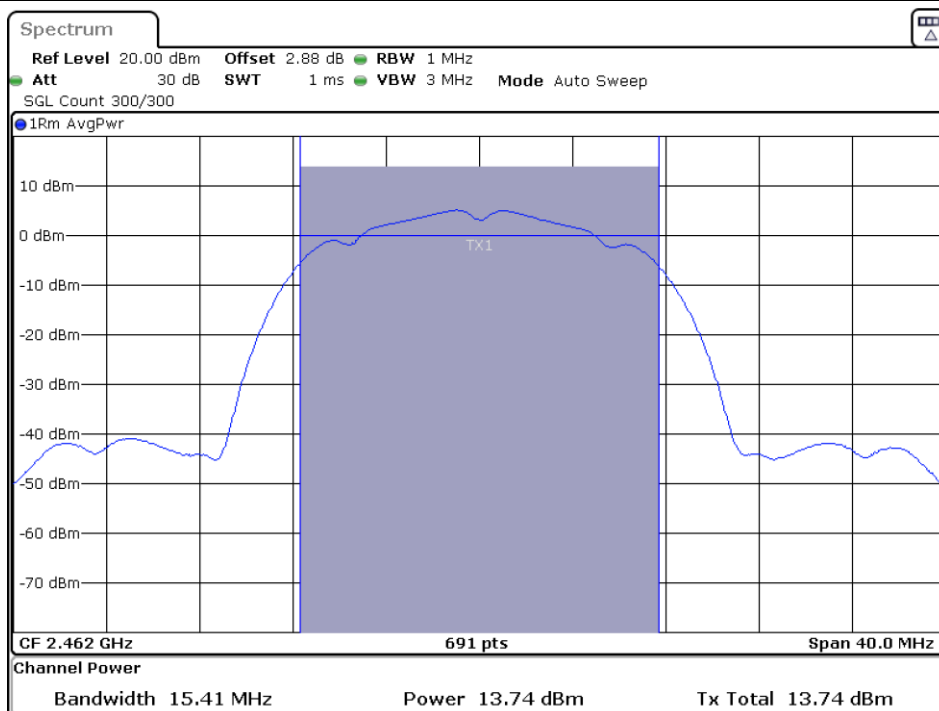
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Conducted Power (dBm) | Total Conducted Power (W) | Limit Conducted(dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-----------------------------|---------------------------|----------------------|---------|
| NVNT      | b    | 2412            | Ant1    | 14.03                 | 0.02             | 14.05                       | 0.02541                   | 30                   | Pass    |
| NVNT      | b    | 2437            | Ant1    | 14.18                 | 0.02             | 14.2                        | 0.0263                    | 30                   | Pass    |
| NVNT      | b    | 2462            | Ant1    | 13.74                 | 0.02             | 13.76                       | 0.02377                   | 30                   | Pass    |
| NVNT      | g    | 2412            | Ant1    | 14.36                 | 0.13             | 14.49                       | 0.02812                   | 30                   | Pass    |
| NVNT      | g    | 2437            | Ant1    | 14.79                 | 0.13             | 14.92                       | 0.03105                   | 30                   | Pass    |
| NVNT      | g    | 2462            | Ant1    | 13.72                 | 0.14             | 13.86                       | 0.02432                   | 30                   | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 14.29                 | 0.14             | 14.43                       | 0.02773                   | 30                   | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 14.75                 | 0.14             | 14.89                       | 0.03083                   | 30                   | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 13.67                 | 0.14             | 13.81                       | 0.02404                   | 30                   | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 13.34                 | 0.29             | 13.63                       | 0.02307                   | 30                   | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 12.93                 | 0.29             | 13.22                       | 0.02099                   | 30                   | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 14.22                 | 0.29             | 14.51                       | 0.02825                   | 30                   | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | 14.29                 | 0.18             | 14.47                       | 0.02799                   | 30                   | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | 14.76                 | 0.18             | 14.94                       | 0.03119                   | 30                   | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | 13.66                 | 0.26             | 13.92                       | 0.02466                   | 30                   | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | 13.31                 | 0.34             | 13.65                       | 0.02317                   | 30                   | Pass    |
| NVNT      | ax40 | 2437            | Ant1    | 12.91                 | 0.34             | 13.25                       | 0.02113                   | 30                   | Pass    |
| NVNT      | ax40 | 2452            | Ant1    | 14.21                 | 0.34             | 14.55                       | 0.02851                   | 30                   | Pass    |



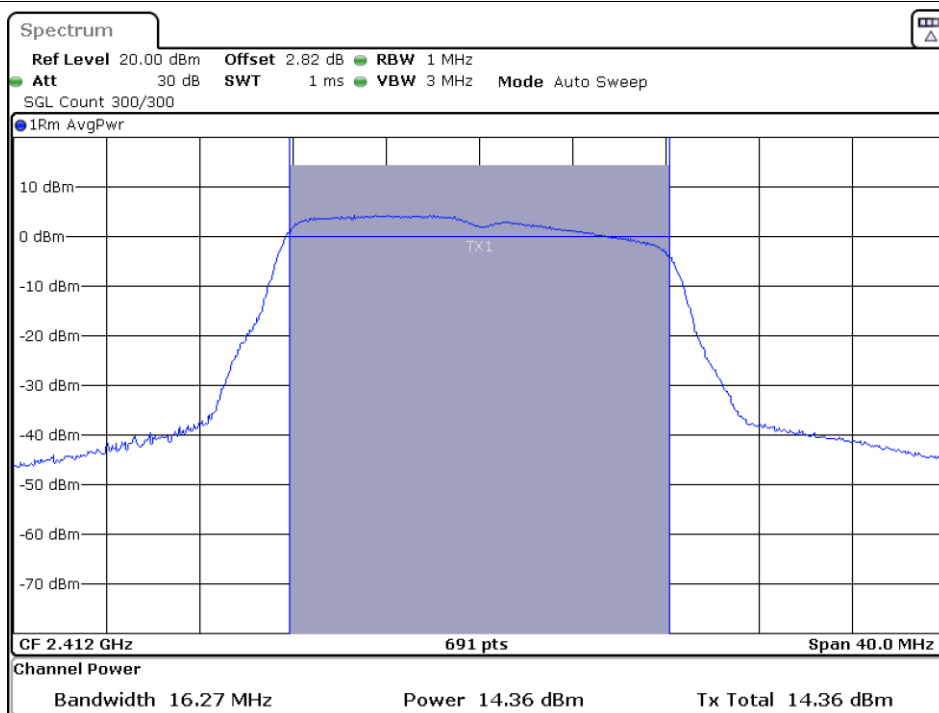
Average Power NVNT b 2412MHz Ant1



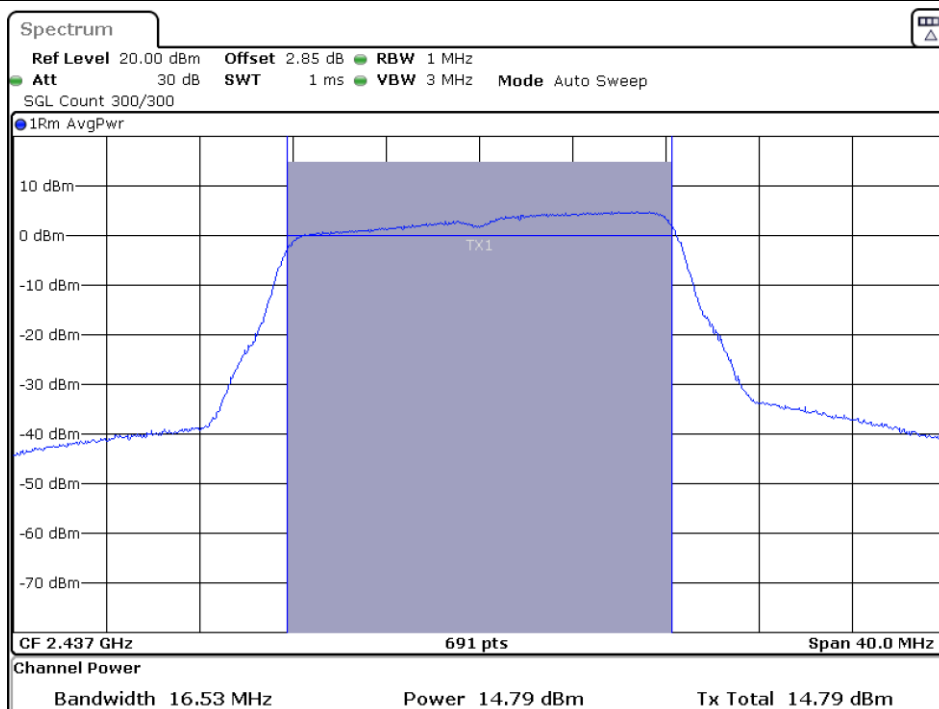
Average Power NVNT b 2437MHz Ant1



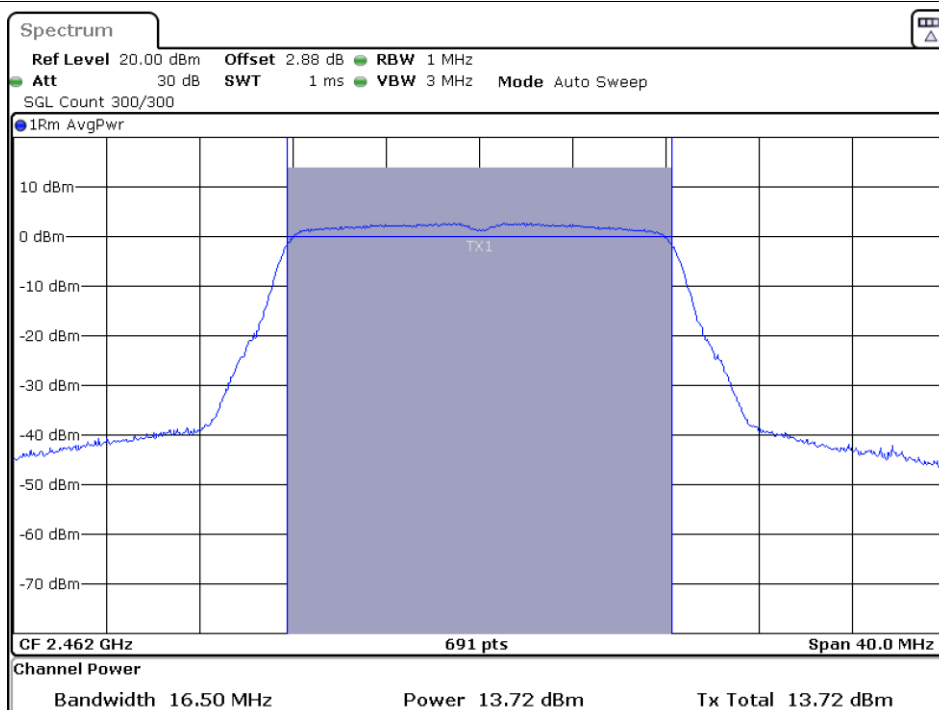
Average Power NVNT b 2462MHz Ant1



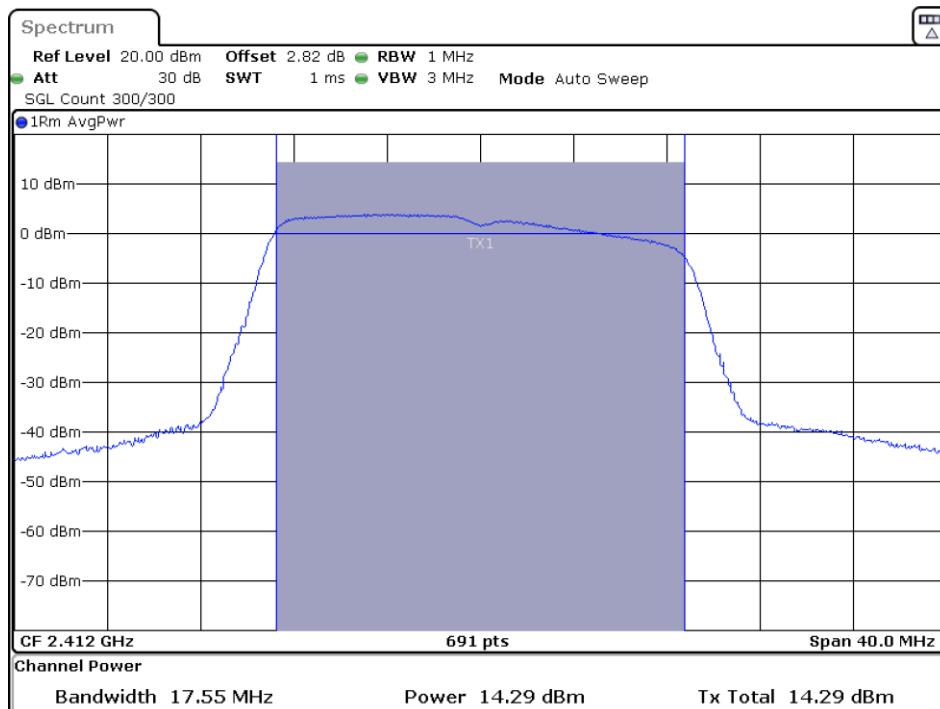
Average Power NVNT g 2412MHz Ant1



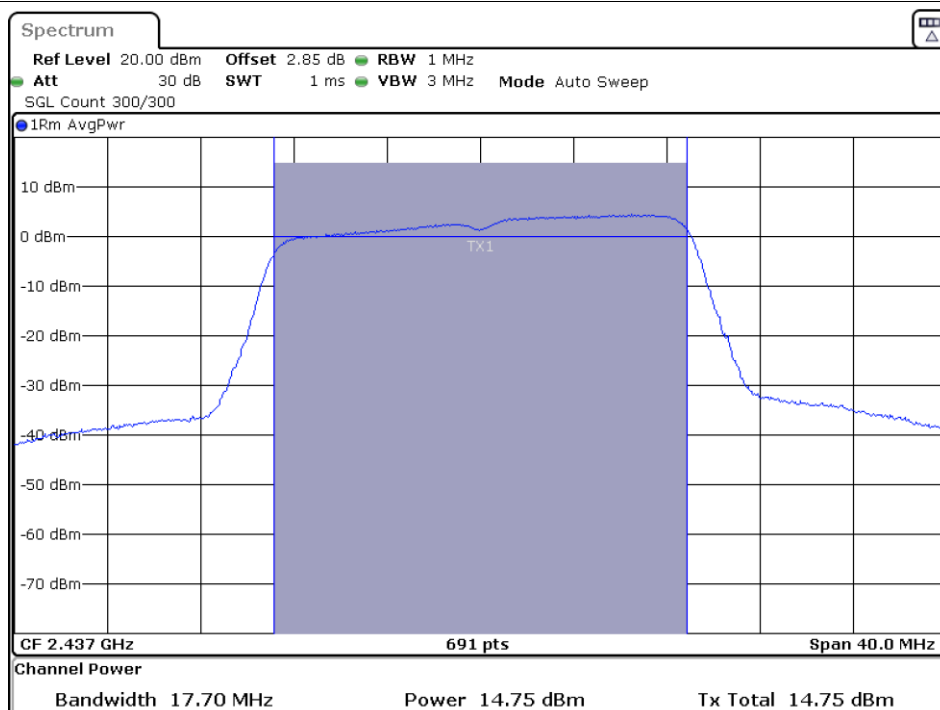
Average Power NVNT g 2437MHz Ant1



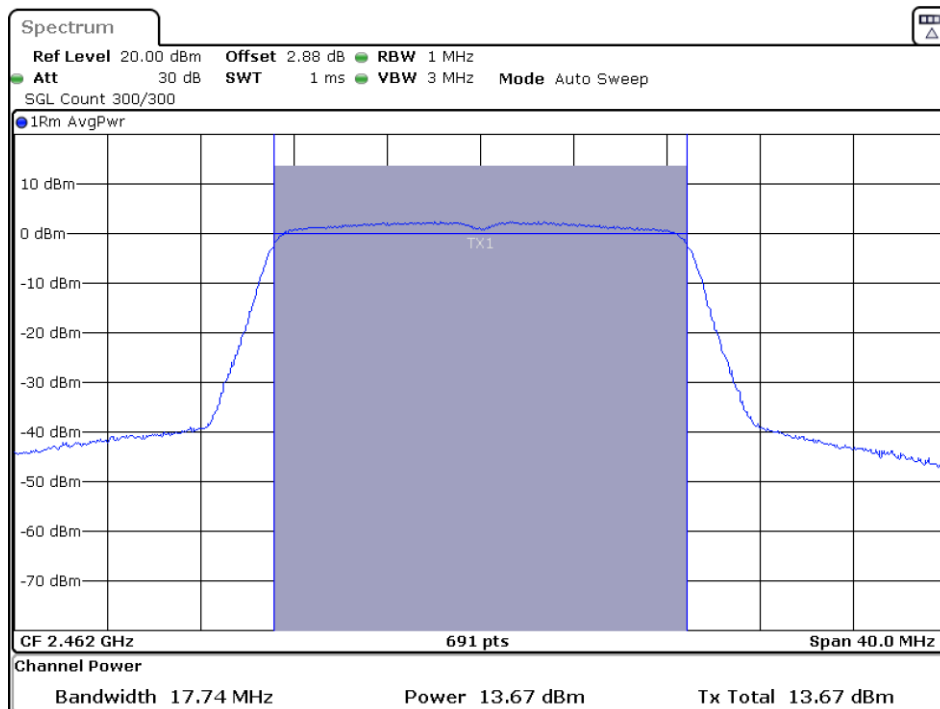
Average Power NVNT g 2462MHz Ant1



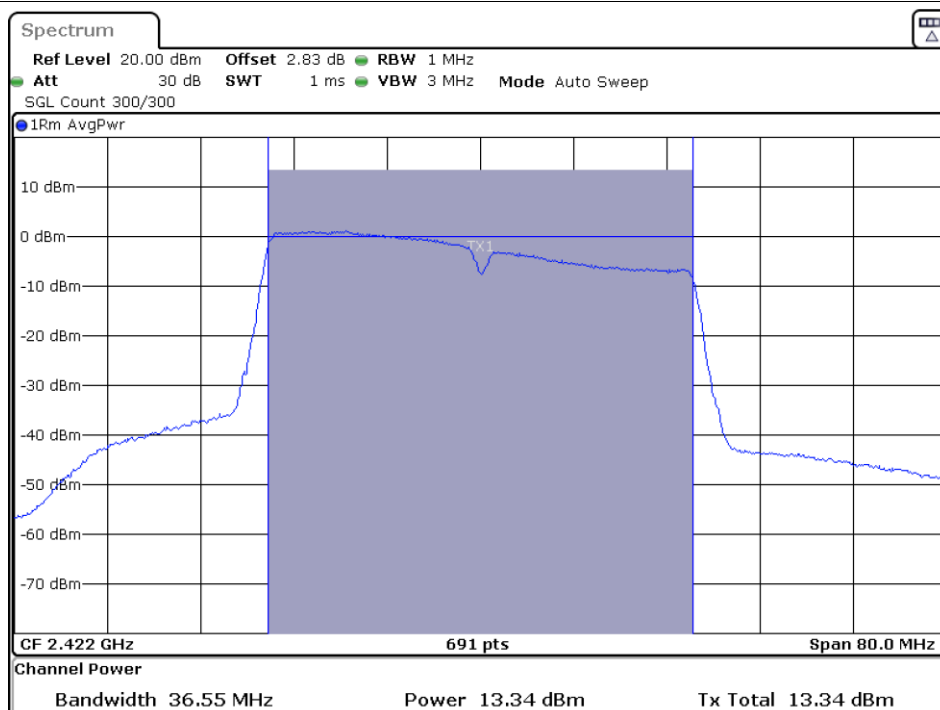
Average Power NVNT n20 2412MHz Ant1



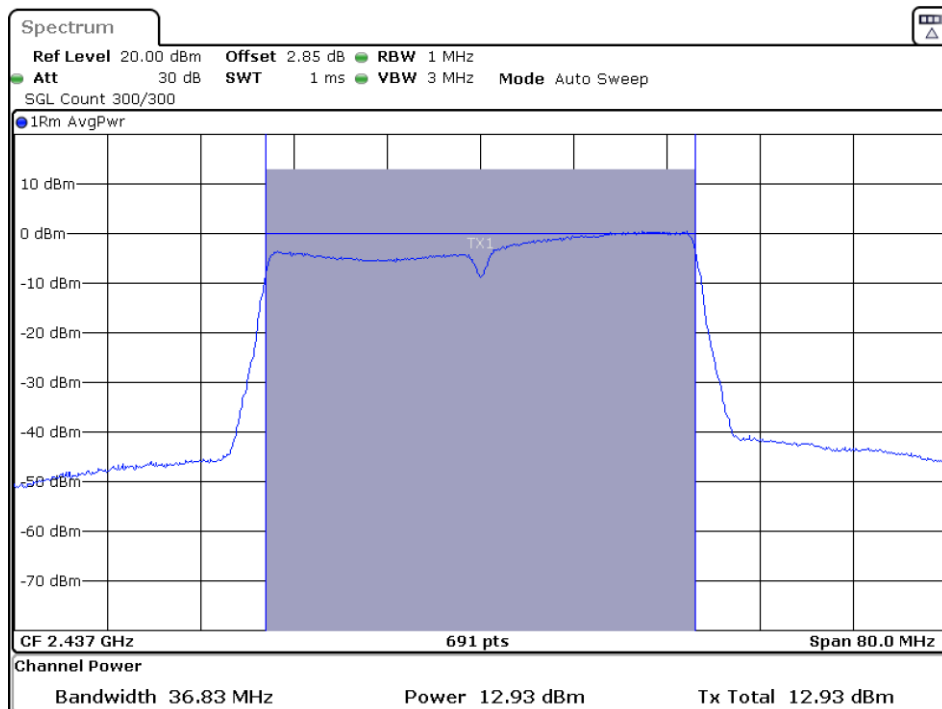
Average Power NVNT n20 2437MHz Ant1



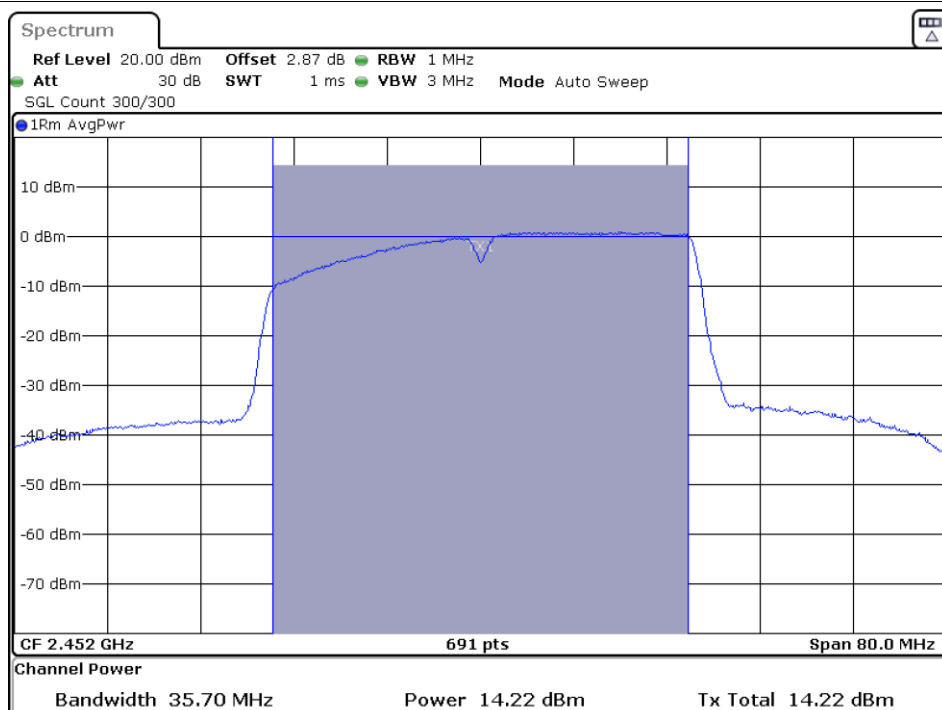
Average Power NVNT n20 2462MHz Ant1



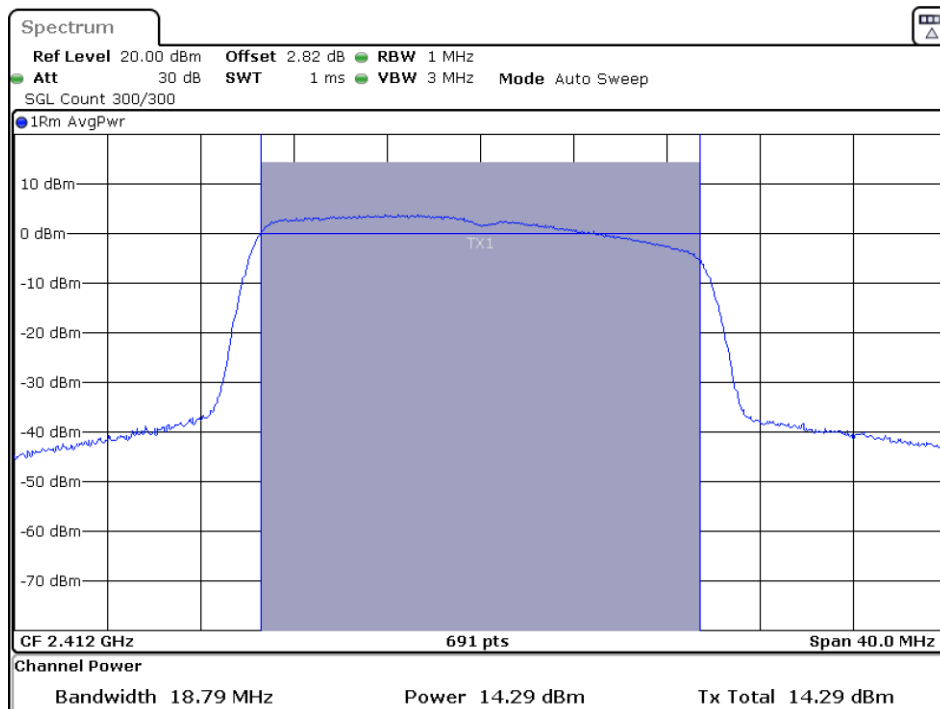
Average Power NVNT n40 2422MHz Ant1



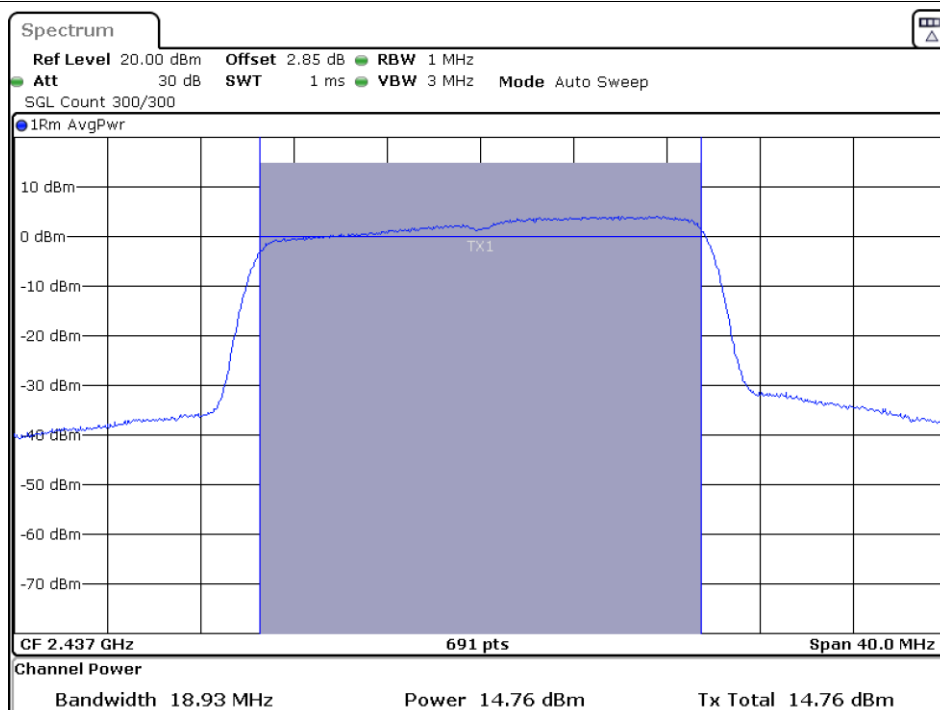
Average Power NVNT n40 2437MHz Ant1



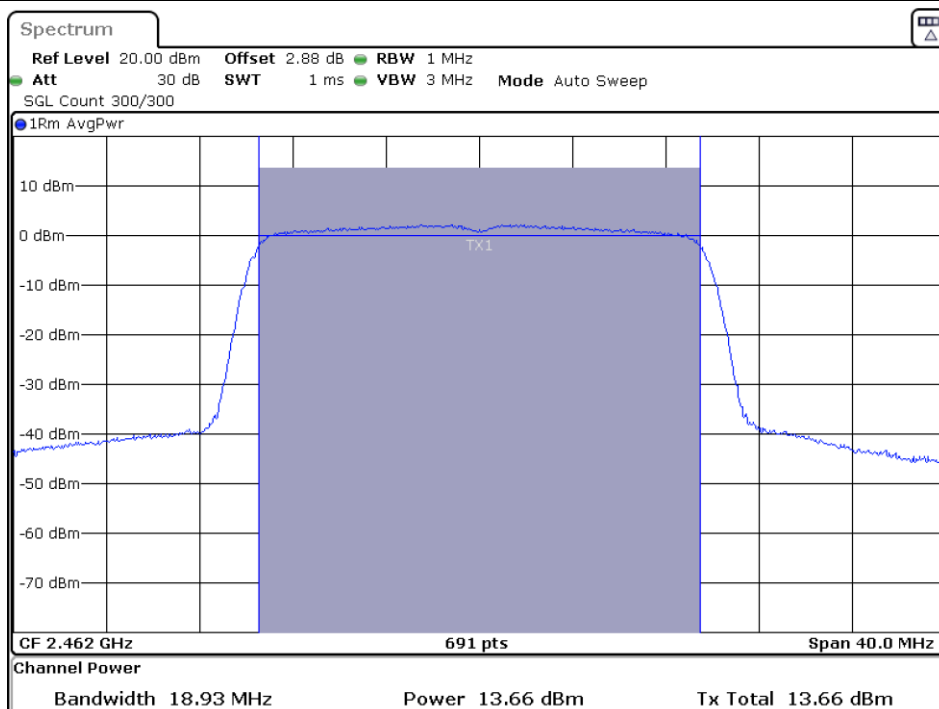
Average Power NVNT n40 2452MHz Ant1



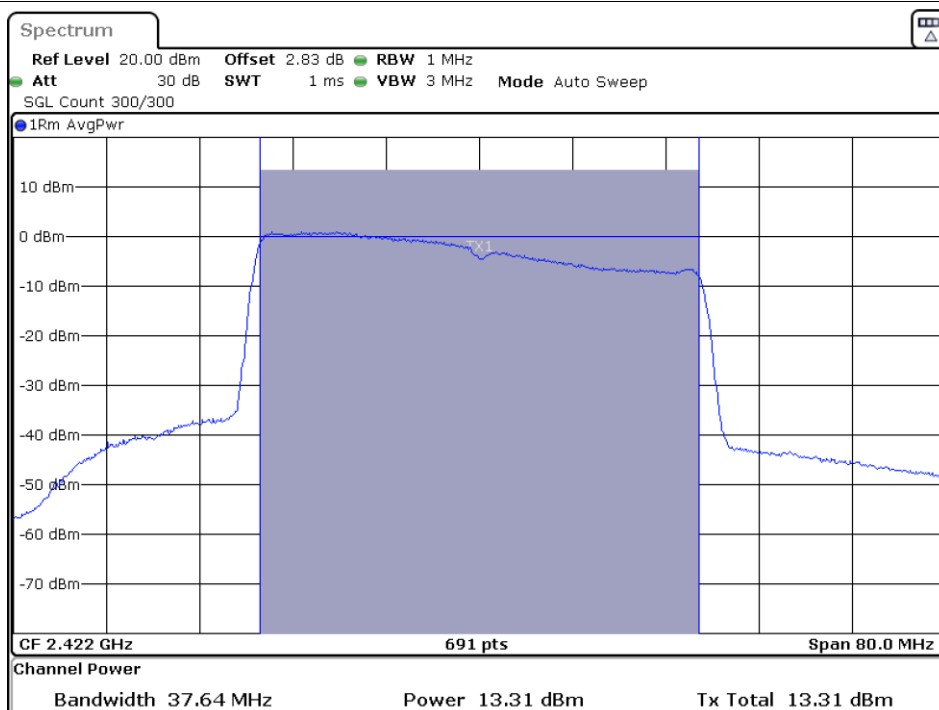
Average Power NVNT ax20 2412MHz Ant1



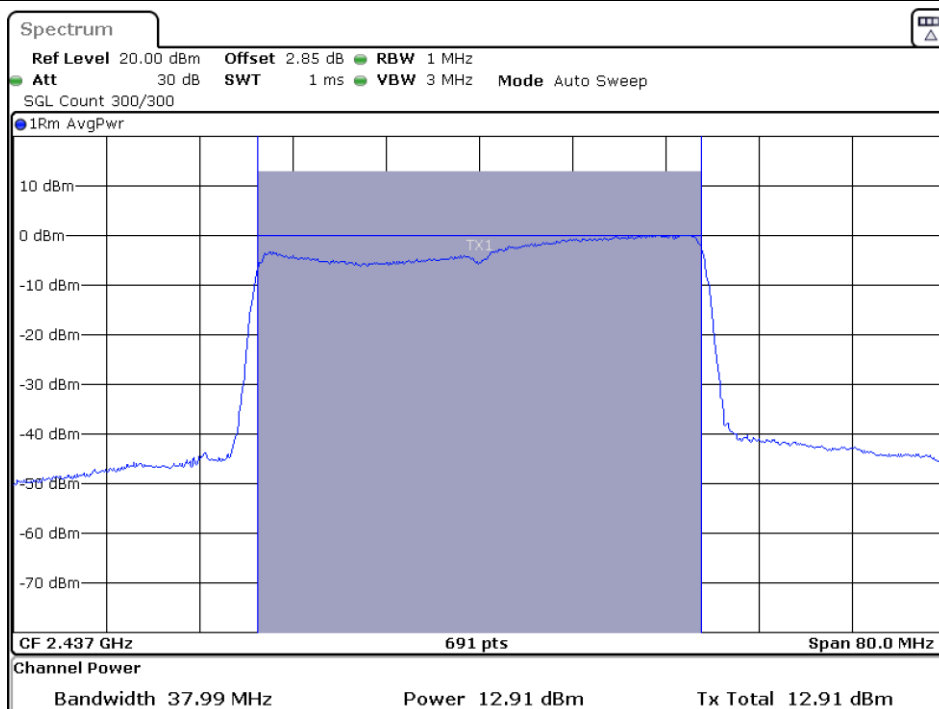
Average Power NVNT ax20 2437MHz Ant1



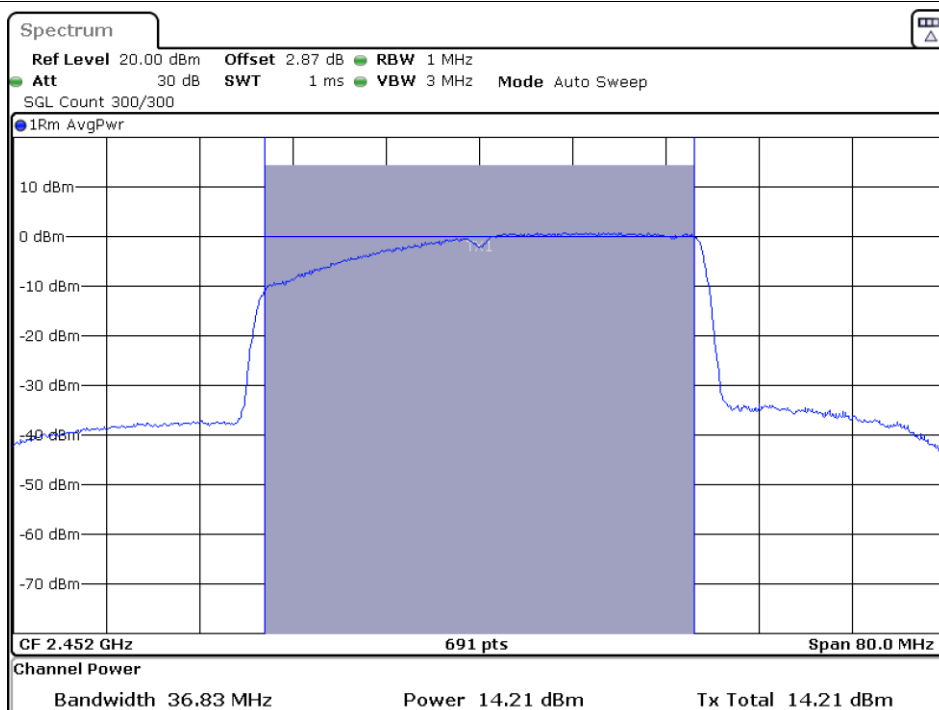
Average Power NVNT ax20 2462MHz Ant1



Average Power NVNT ax40 2422MHz Ant1



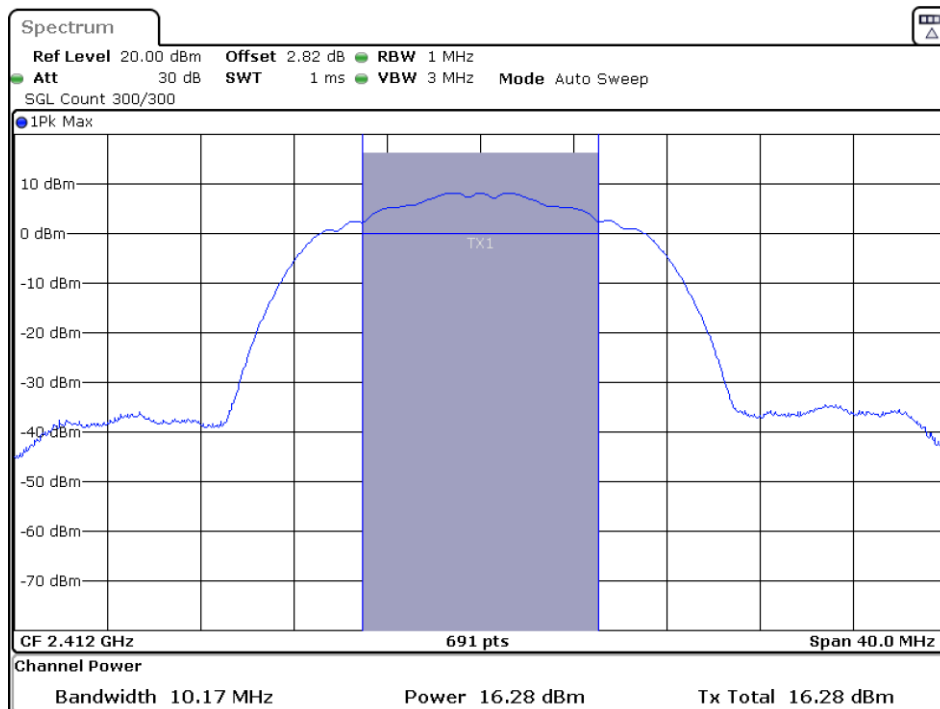
Average Power NVNT ax40 2437MHz Ant1



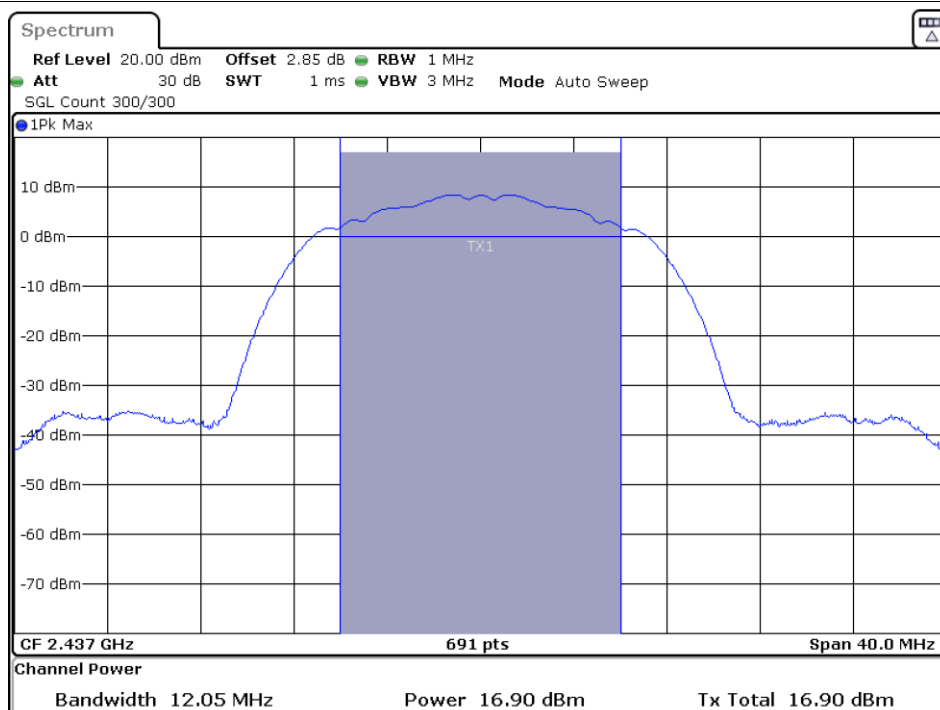
Average Power NVNT ax40 2452MHz Ant1

## Maximum Peak Conducted Output Power

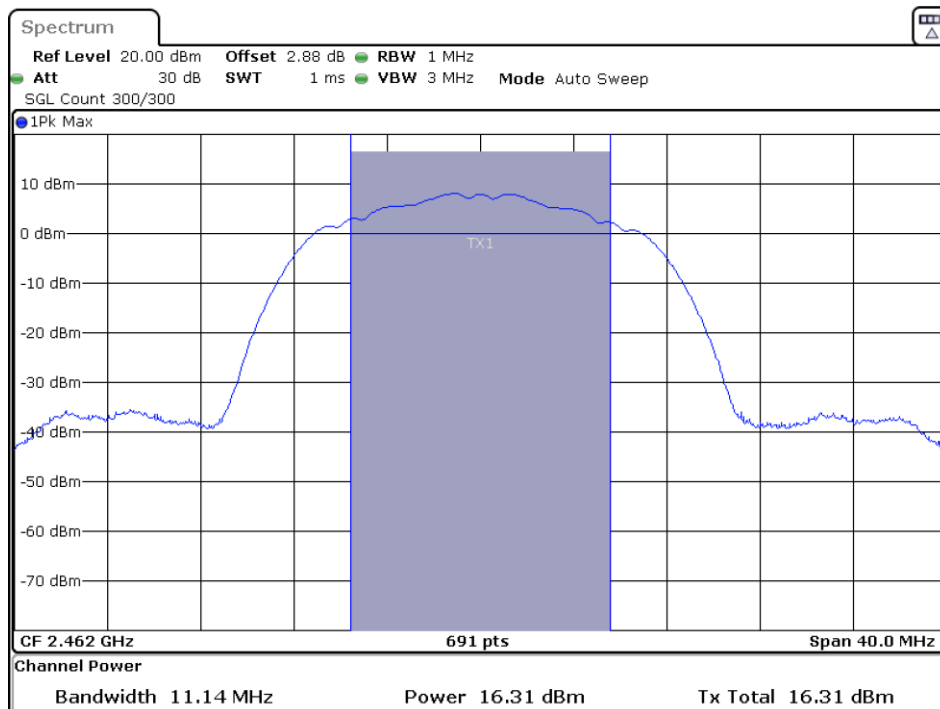
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Conducted Power (dBm) | Total Conducted Power (W) | Limit Conducted(dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-----------------------------|---------------------------|----------------------|---------|
| NVNT      | b    | 2412            | Ant1    | 16.28                 | 0                | 16.28                       | 0.04246                   | 30                   | Pass    |
| NVNT      | b    | 2437            | Ant1    | 16.9                  | 0                | 16.9                        | 0.04898                   | 30                   | Pass    |
| NVNT      | b    | 2462            | Ant1    | 16.31                 | 0                | 16.31                       | 0.04276                   | 30                   | Pass    |
| NVNT      | g    | 2412            | Ant1    | 22.29                 | 0                | 22.29                       | 0.16943                   | 30                   | Pass    |
| NVNT      | g    | 2437            | Ant1    | 22.67                 | 0                | 22.67                       | 0.18493                   | 30                   | Pass    |
| NVNT      | g    | 2462            | Ant1    | 21.46                 | 0                | 21.46                       | 0.13996                   | 30                   | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 21.84                 | 0                | 21.84                       | 0.15276                   | 30                   | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 22.78                 | 0                | 22.78                       | 0.18967                   | 30                   | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 21.62                 | 0                | 21.62                       | 0.14521                   | 30                   | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 19.8                  | 0                | 19.8                        | 0.0955                    | 30                   | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 21.01                 | 0                | 21.01                       | 0.12618                   | 30                   | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 21.96                 | 0                | 21.96                       | 0.15704                   | 30                   | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | 22.84                 | 0                | 22.84                       | 0.19231                   | 30                   | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | 23.58                 | 0                | 23.58                       | 0.22803                   | 30                   | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | 22.49                 | 0                | 22.49                       | 0.17742                   | 30                   | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | 20.91                 | 0                | 20.91                       | 0.12331                   | 30                   | Pass    |
| NVNT      | ax40 | 2437            | Ant1    | 21.67                 | 0                | 21.67                       | 0.14689                   | 30                   | Pass    |
| NVNT      | ax40 | 2452            | Ant1    | 22.19                 | 0                | 22.19                       | 0.16558                   | 30                   | Pass    |



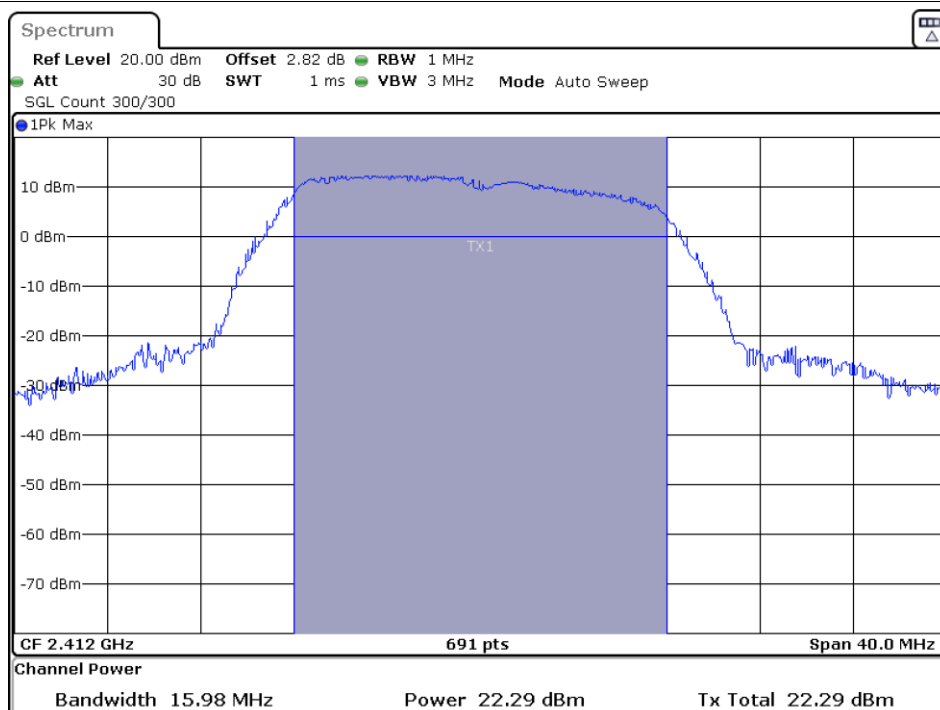
Peak Power NVNT b 2412MHz Ant1



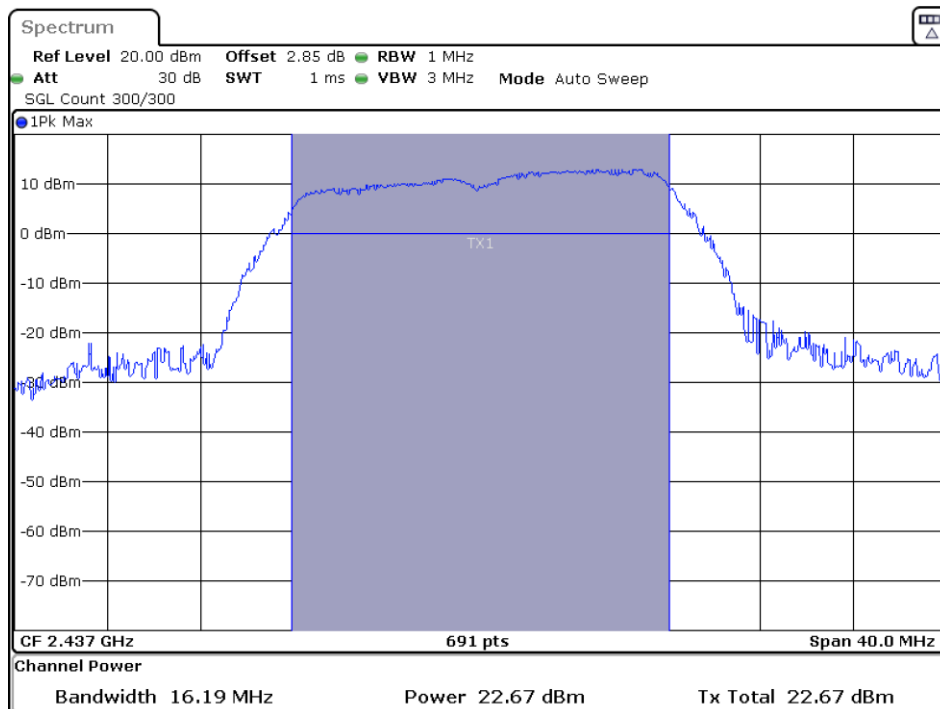
Peak Power NVNT b 2437MHz Ant1



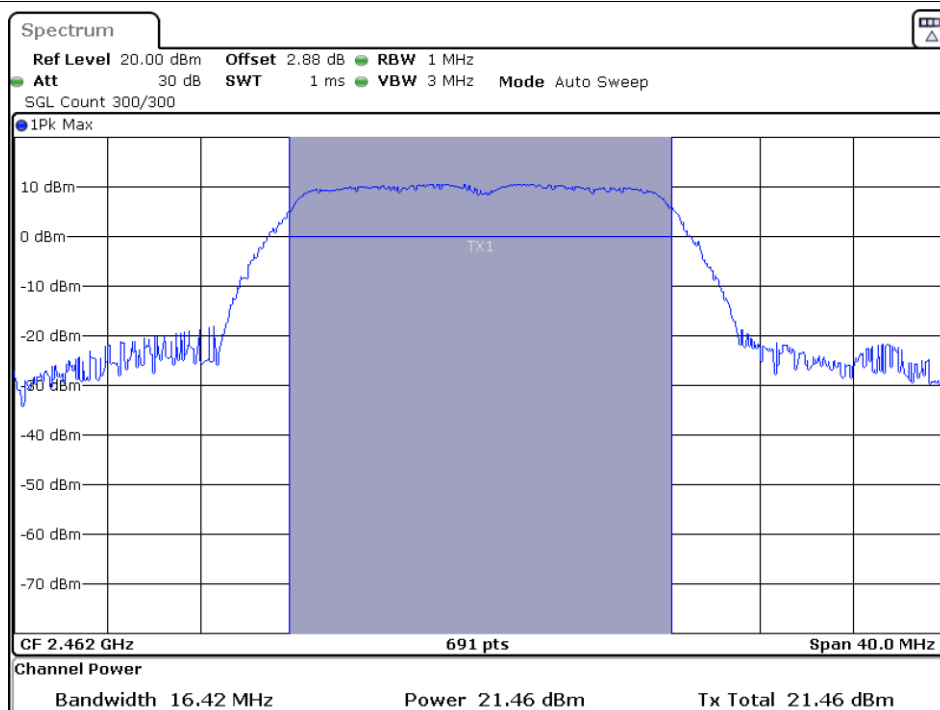
Peak Power NVNT b 2462MHz Ant1



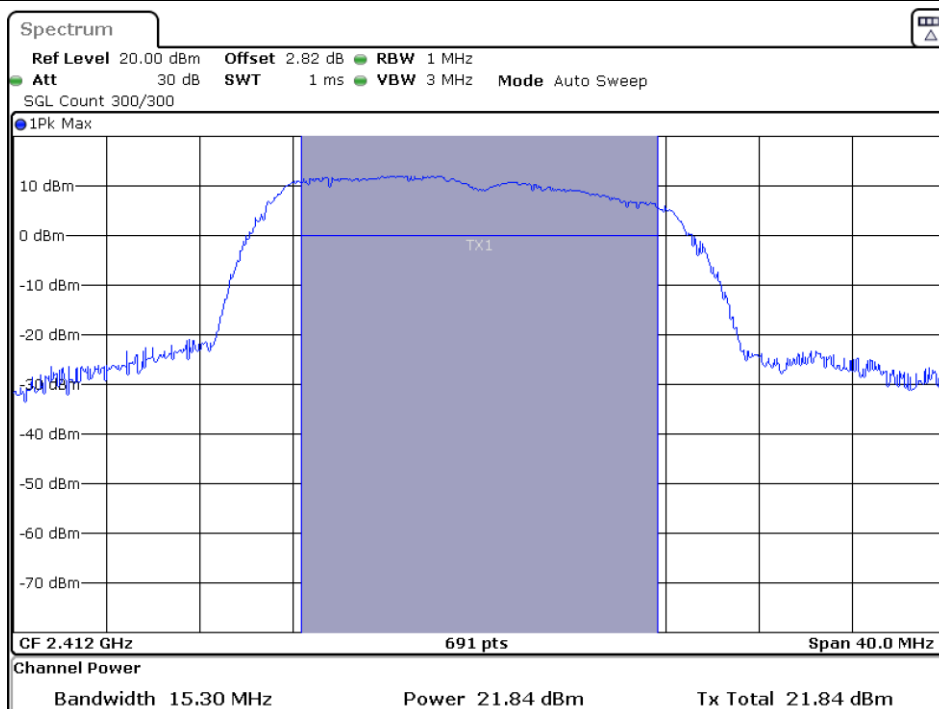
Peak Power NVNT g 2412MHz Ant1



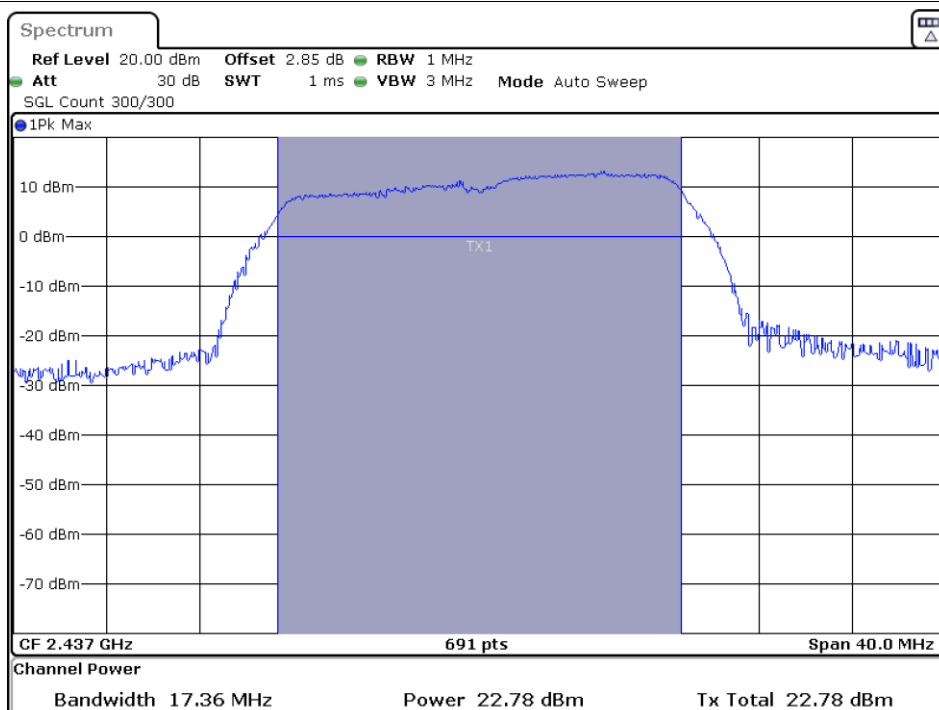
Peak Power NVNT g 2437MHz Ant1



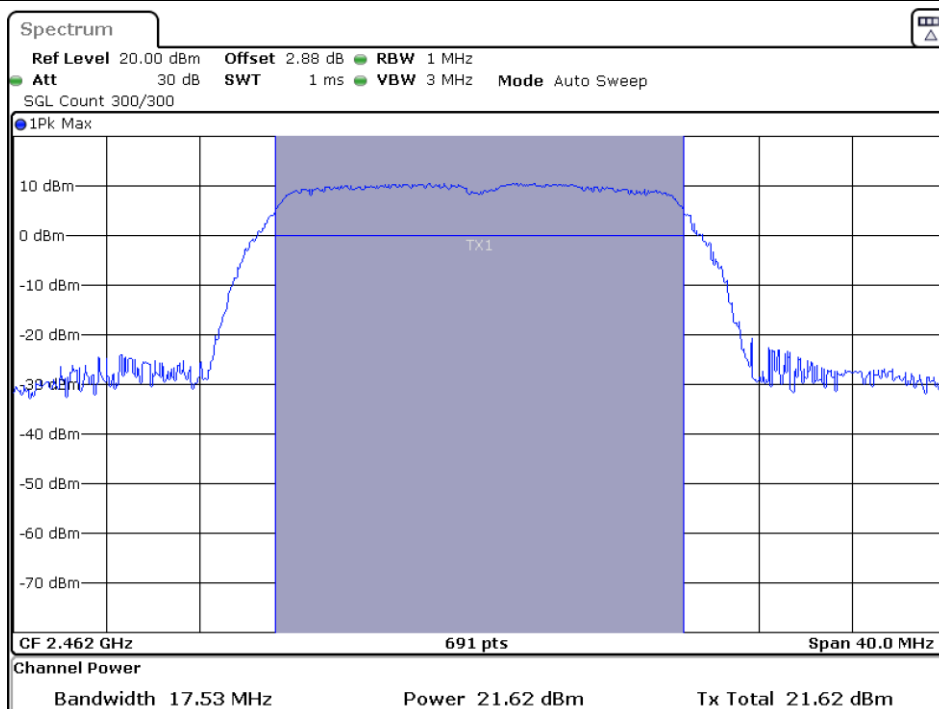
Peak Power NVNT g 2462MHz Ant1



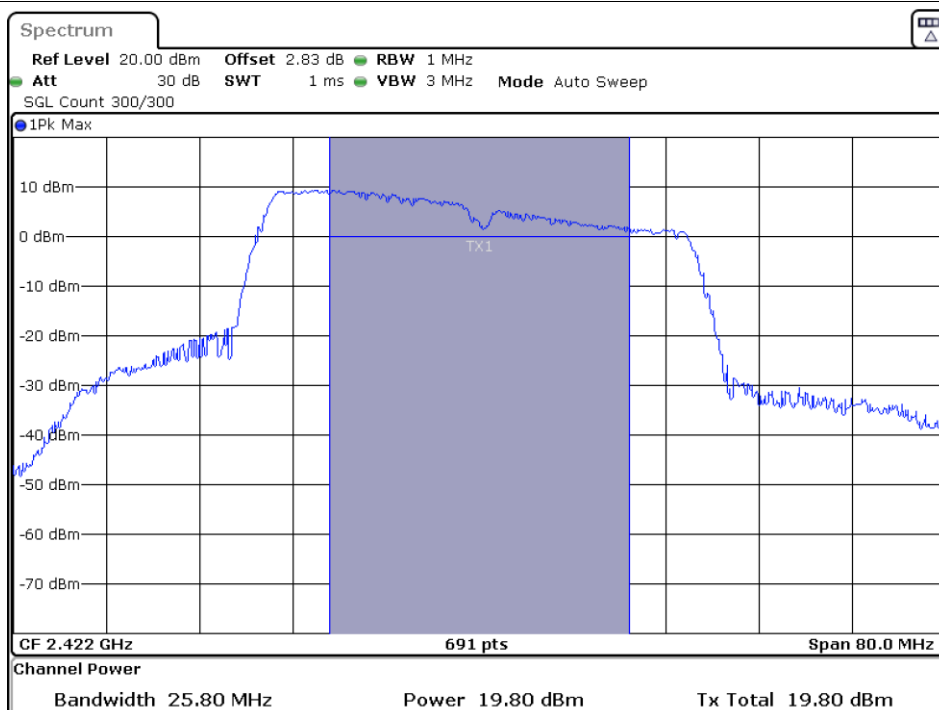
Peak Power NVNT n20 2412MHz Ant1



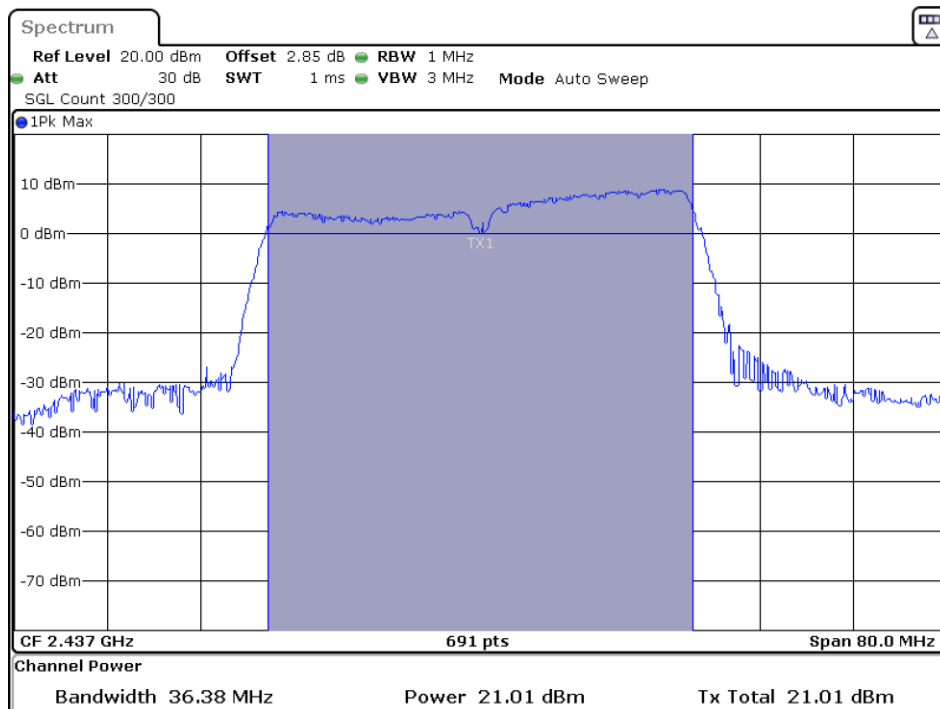
Peak Power NVNT n20 2437MHz Ant1



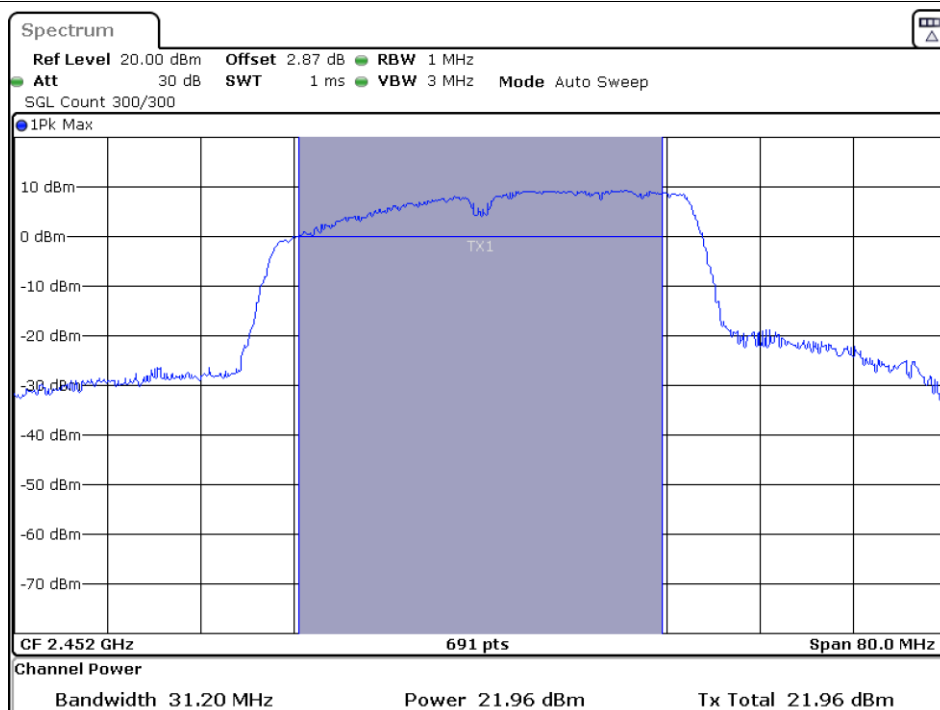
Peak Power NVNT n20 2462MHz Ant1



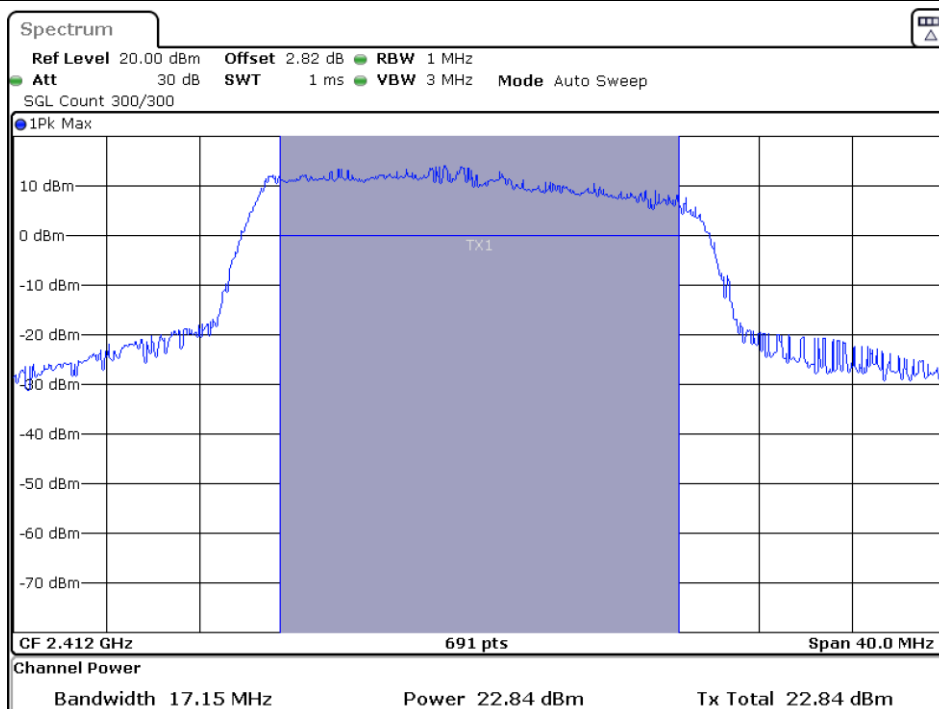
Peak Power NVNT n40 2422MHz Ant1



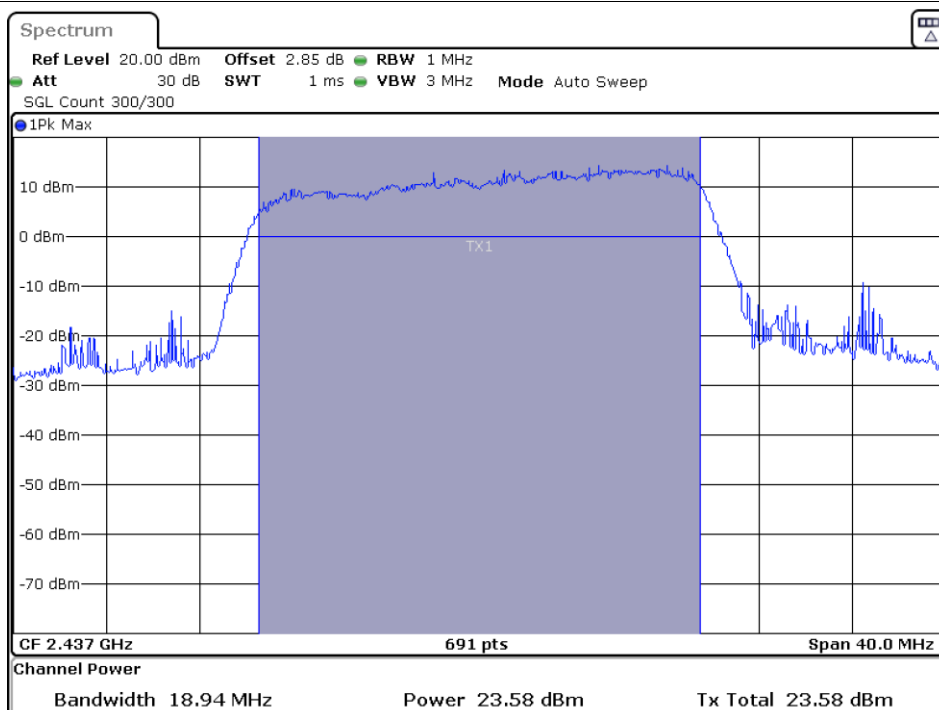
Peak Power NVNT n40 2437MHz Ant1



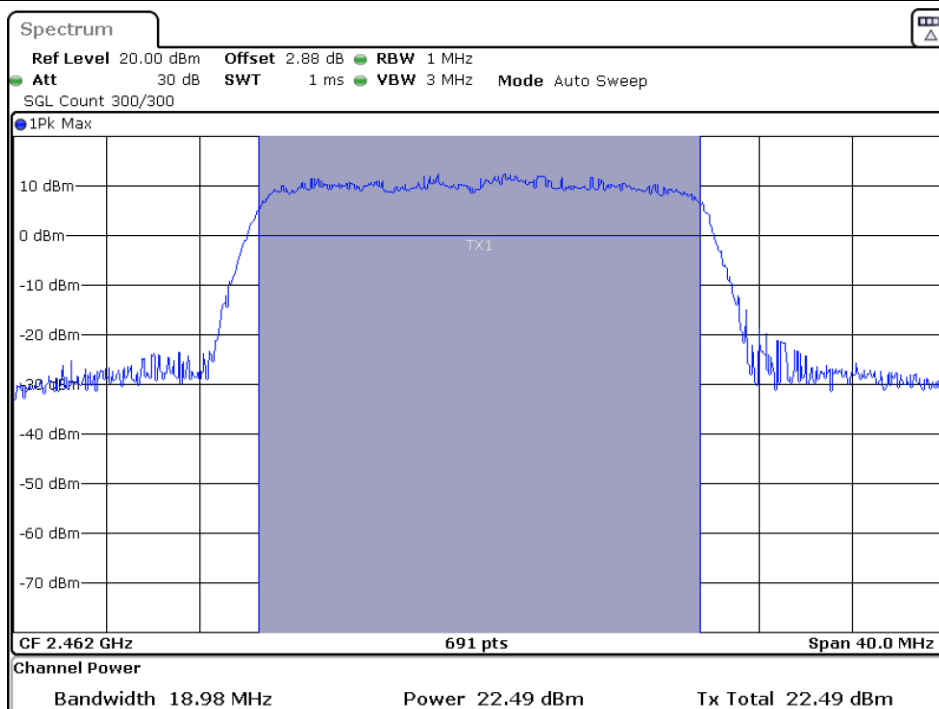
Peak Power NVNT n40 2452MHz Ant1



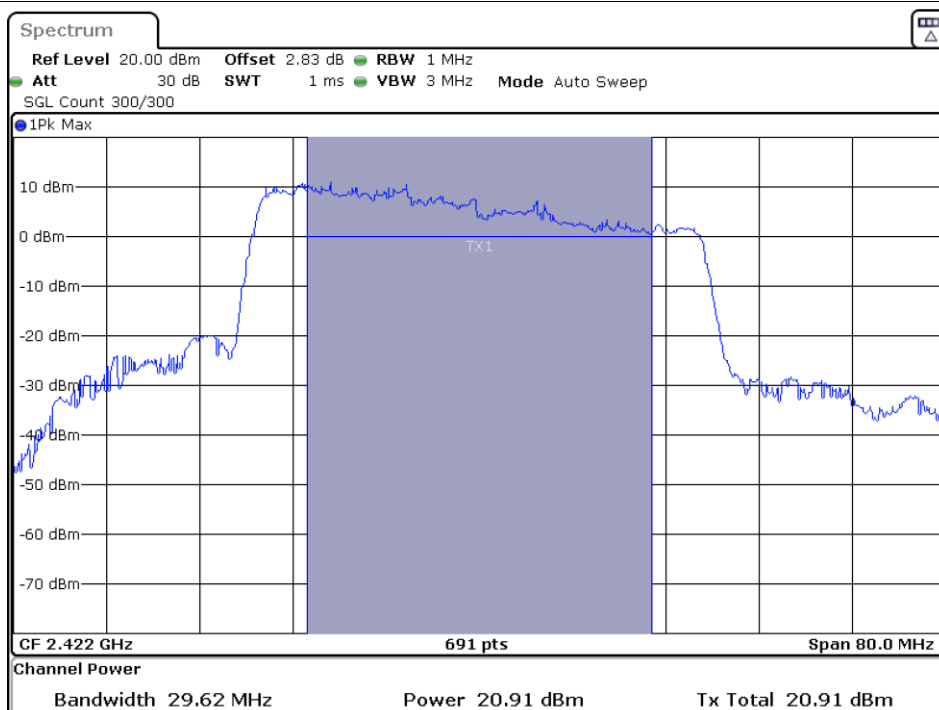
Peak Power NVNT ax20 2412MHz Ant1



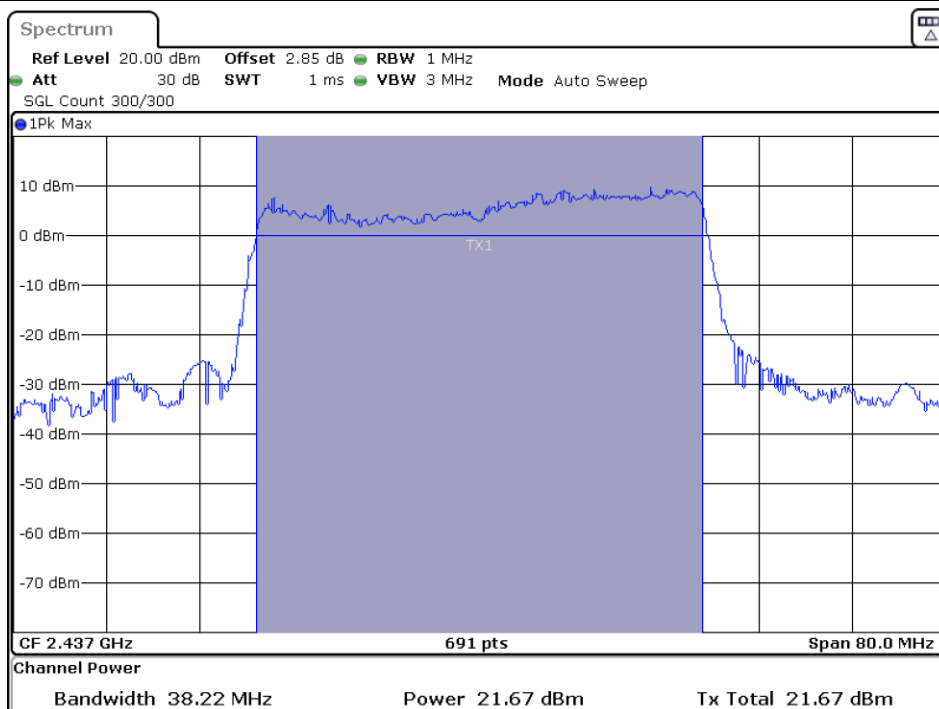
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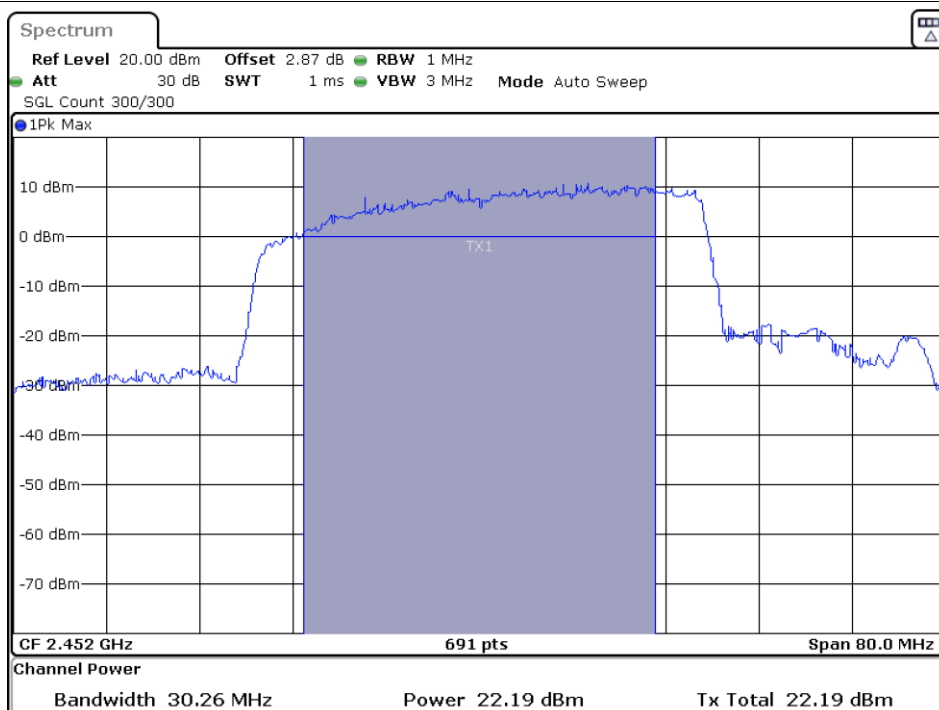
Peak Power NVNT ax20 2462MHz Ant1



Peak Power NVNT ax40 2422MHz Ant1



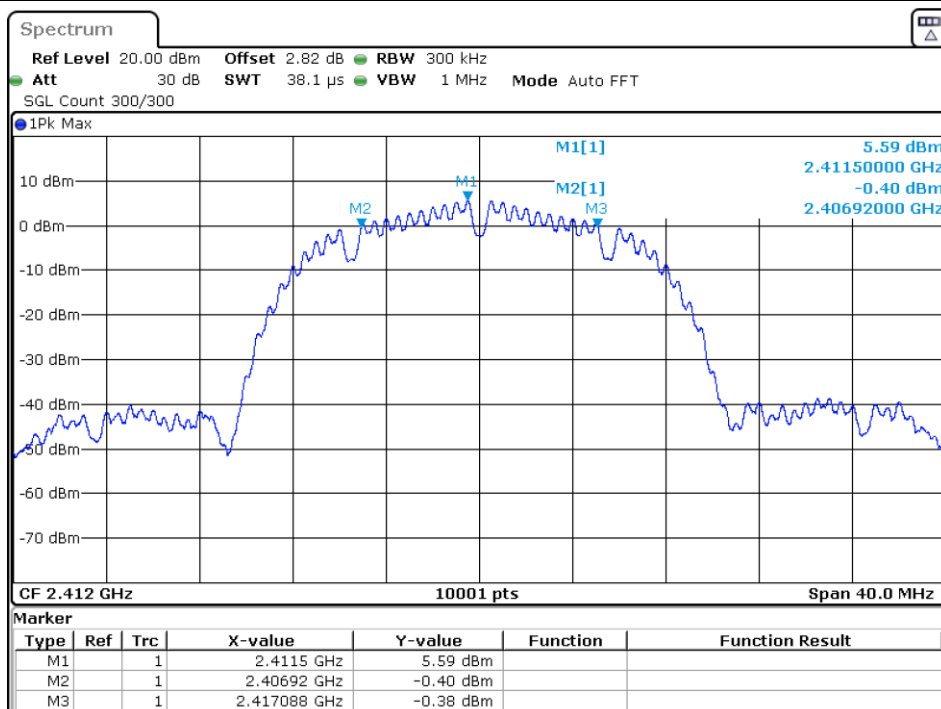
Peak Power NVNT ax40 2437MHz Ant1



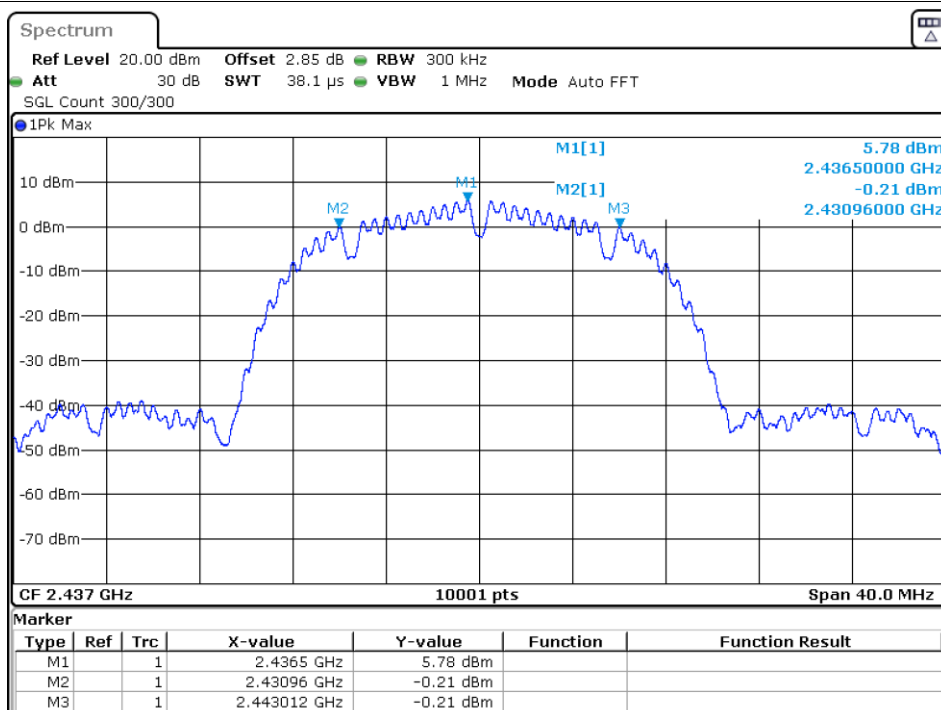
Peak Power NVNT ax40 2452MHz Ant1

## -6dB Bandwidth

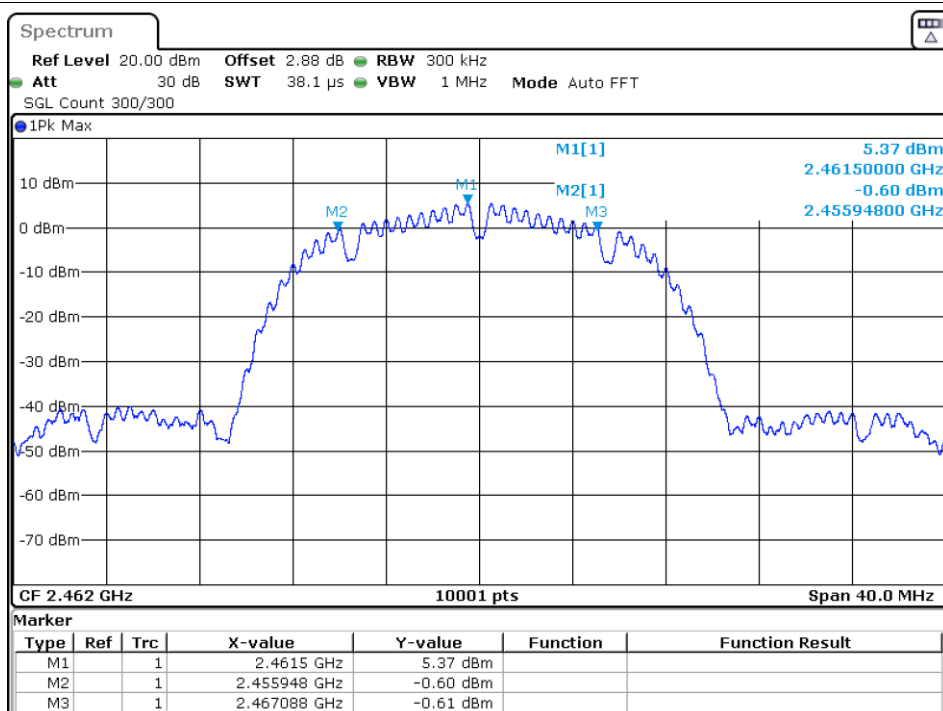
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | b    | 2412            | Ant1    | 10.168                | 0.5                         | Pass    |
| NVNT      | b    | 2437            | Ant1    | 12.052                | 0.5                         | Pass    |
| NVNT      | b    | 2462            | Ant1    | 11.14                 | 0.5                         | Pass    |
| NVNT      | g    | 2412            | Ant1    | 15.976                | 0.5                         | Pass    |
| NVNT      | g    | 2437            | Ant1    | 16.192                | 0.5                         | Pass    |
| NVNT      | g    | 2462            | Ant1    | 16.424                | 0.5                         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 15.304                | 0.5                         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 17.364                | 0.5                         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 17.532                | 0.5                         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 25.8                  | 0.5                         | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 36.376                | 0.5                         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 31.2                  | 0.5                         | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | 17.152                | 0.5                         | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | 18.944                | 0.5                         | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | 18.98                 | 0.5                         | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | 29.616                | 0.5                         | Pass    |
| NVNT      | ax40 | 2437            | Ant1    | 38.216                | 0.5                         | Pass    |
| NVNT      | ax40 | 2452            | Ant1    | 30.264                | 0.5                         | Pass    |



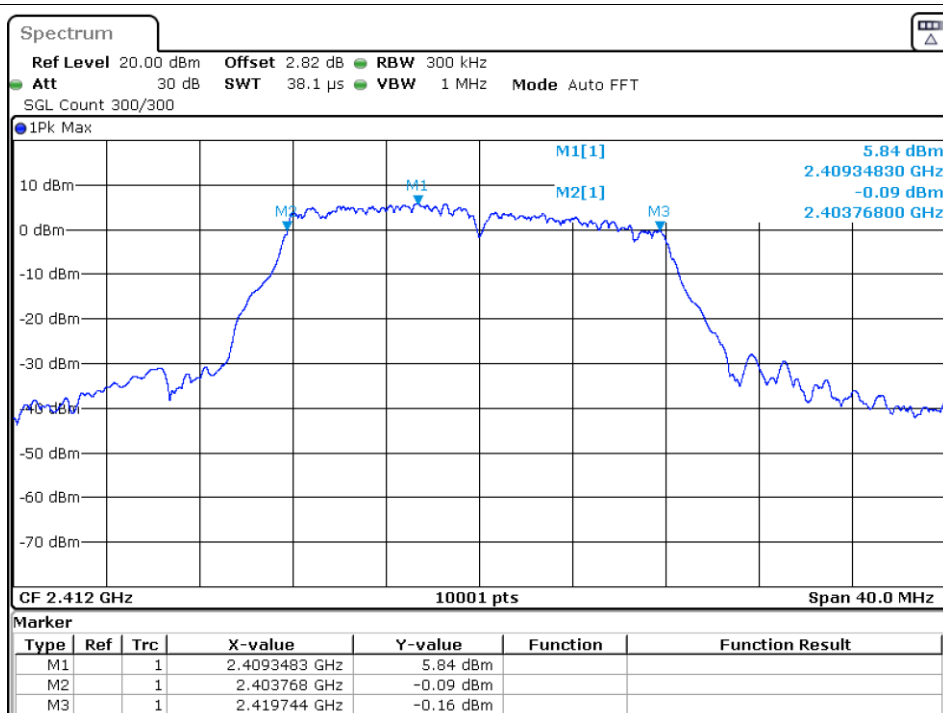
-6dB Bandwidth NVNT b 2412MHz Ant1



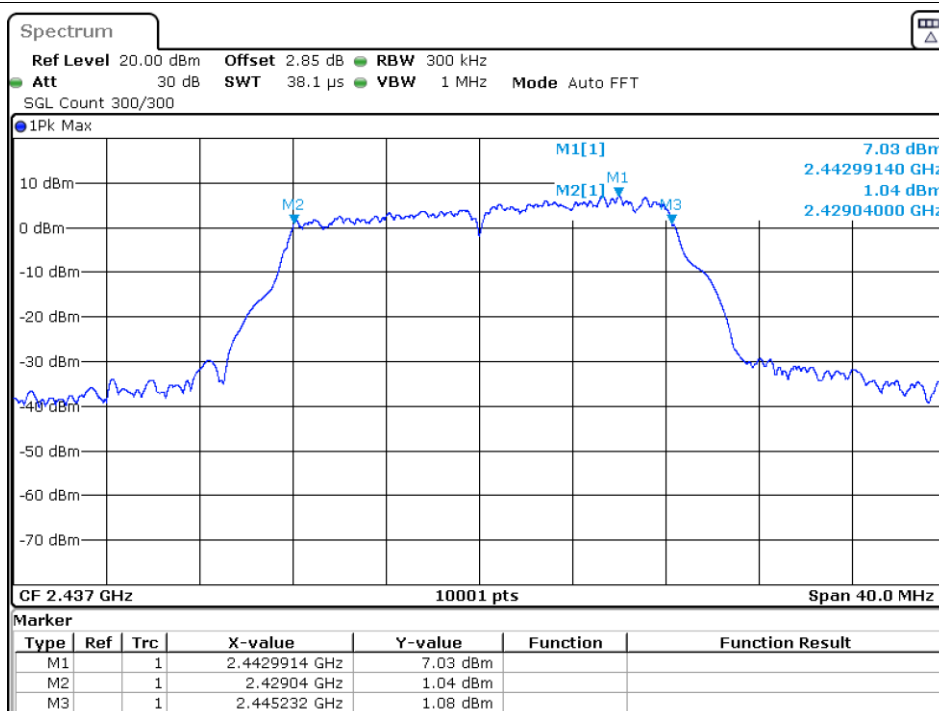
-6dB Bandwidth NVNT b 2437MHz Ant1



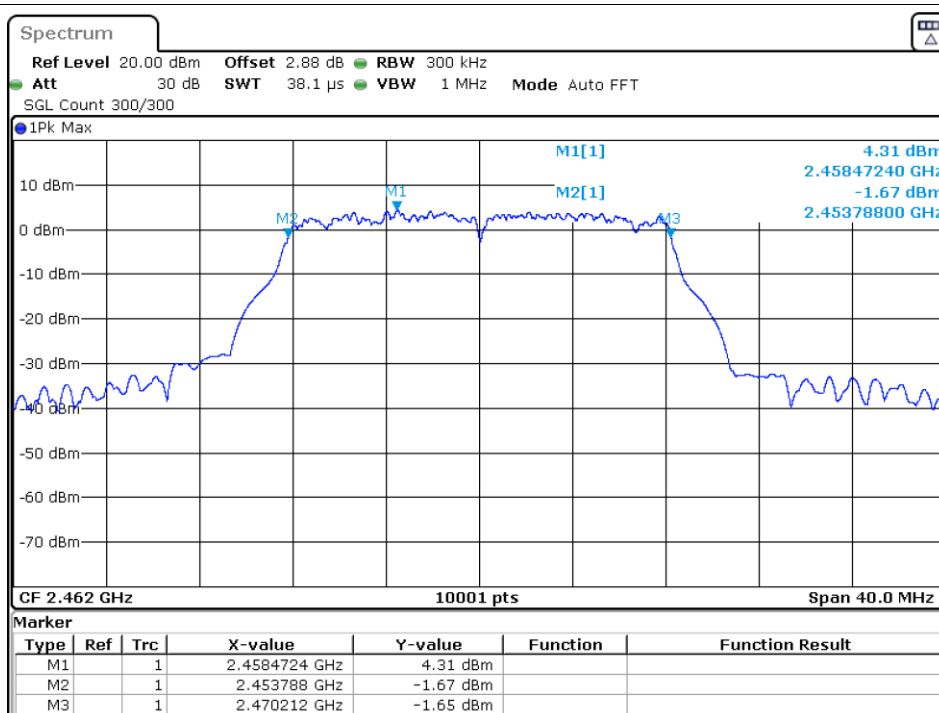
-6dB Bandwidth NVNT b 2462MHz Ant1



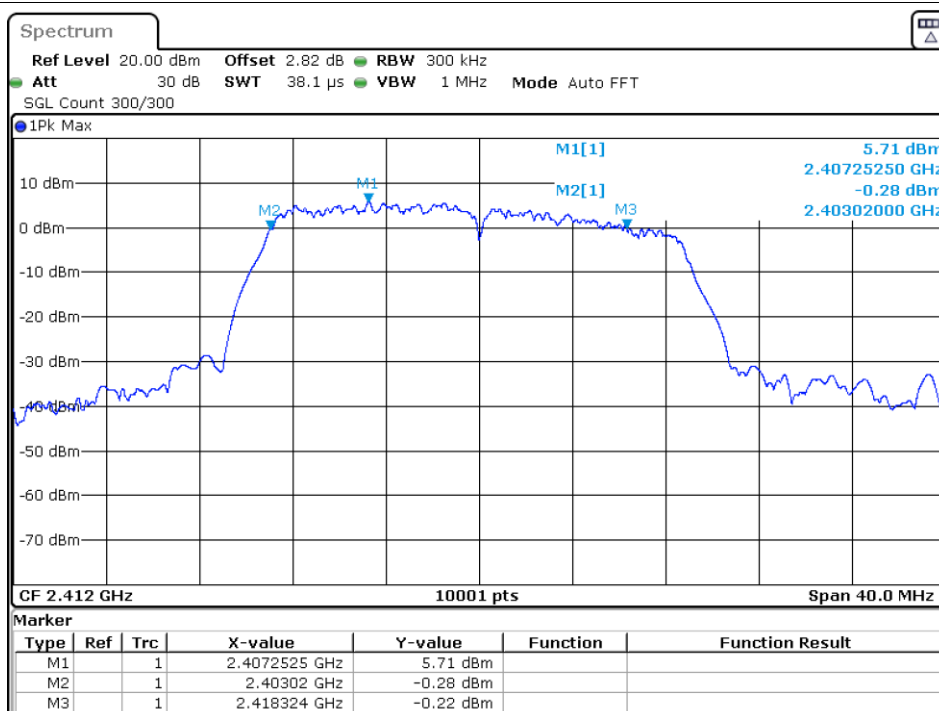
-6dB Bandwidth NVNT g 2412MHz Ant1



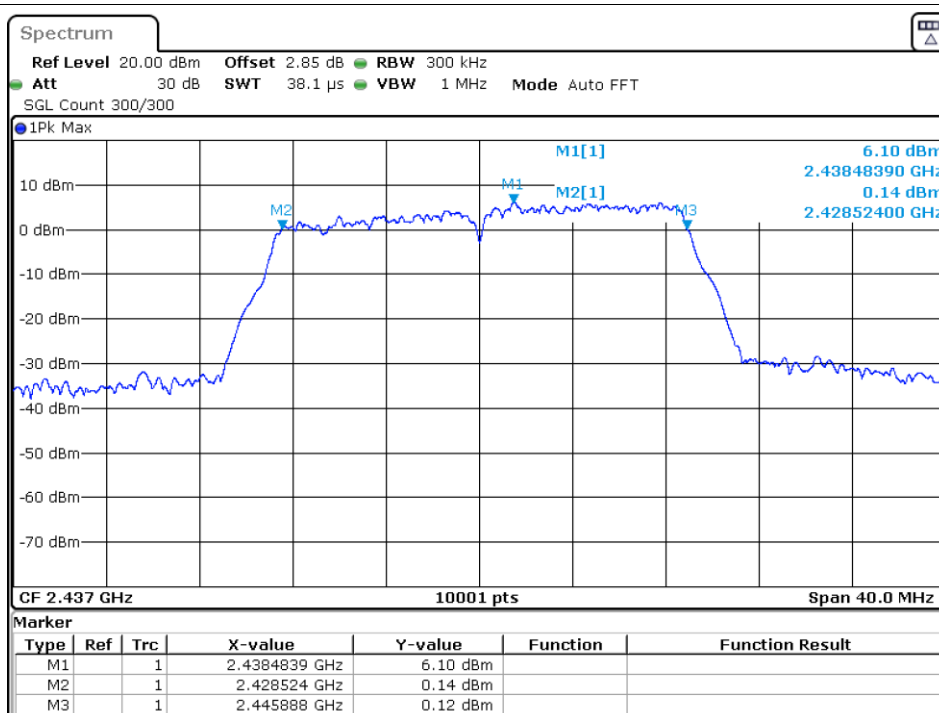
-6dB Bandwidth NVNT g 2437MHz Ant1



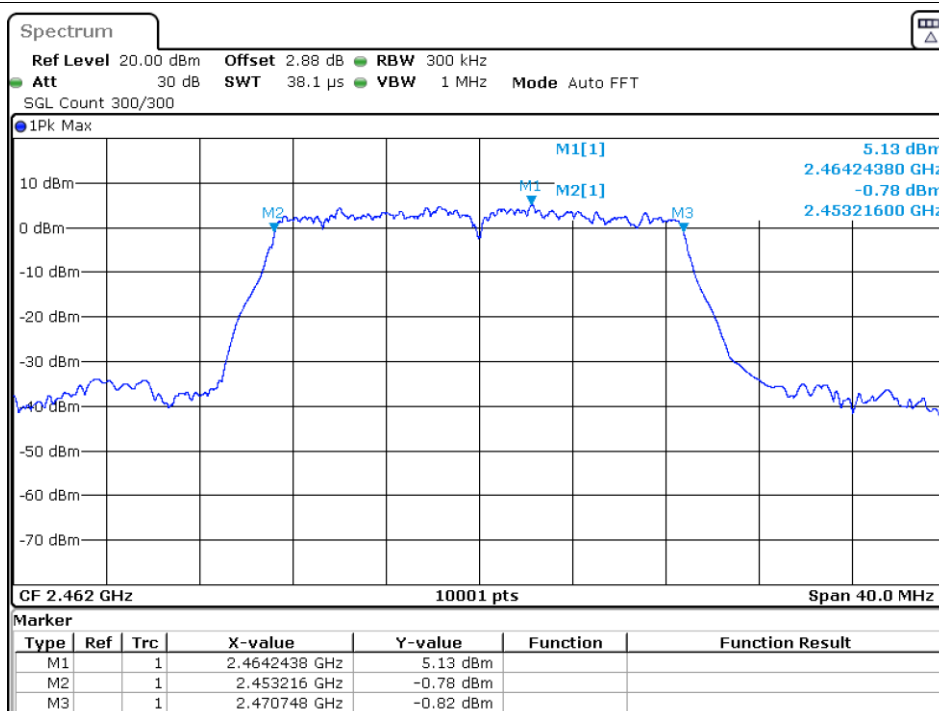
-6dB Bandwidth NVNT g 2462MHz Ant1



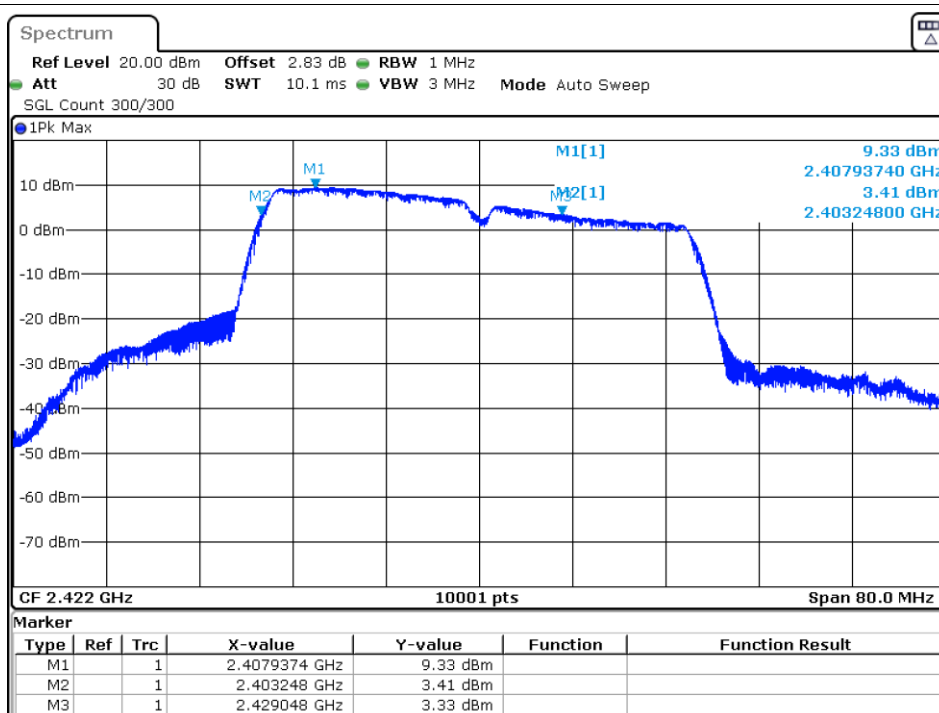
-6dB Bandwidth NVNT n20 2412MHz Ant1



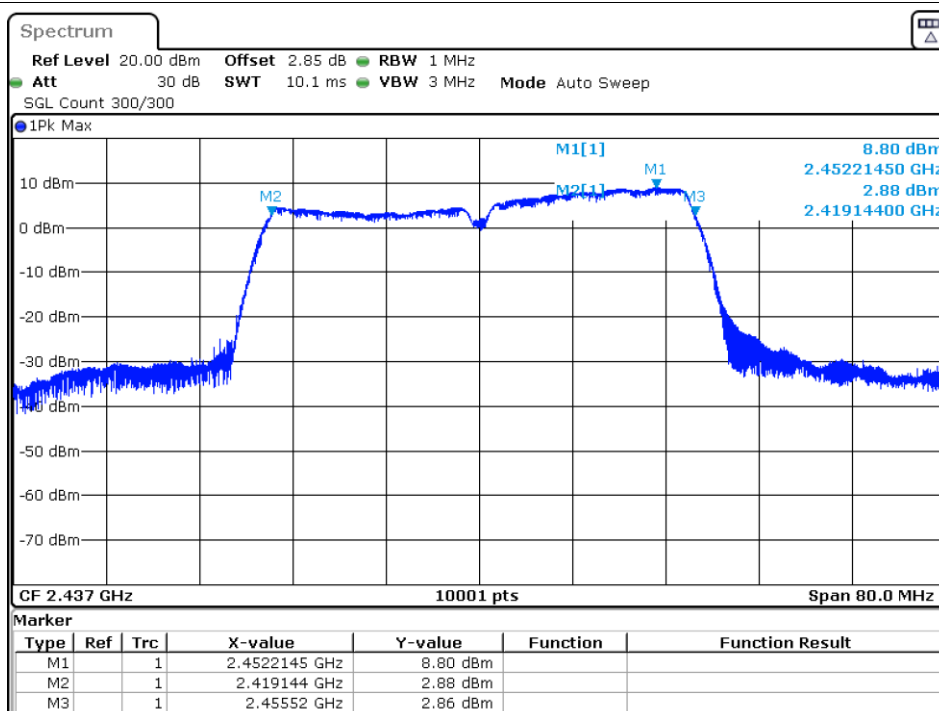
-6dB Bandwidth NVNT n20 2437MHz Ant1



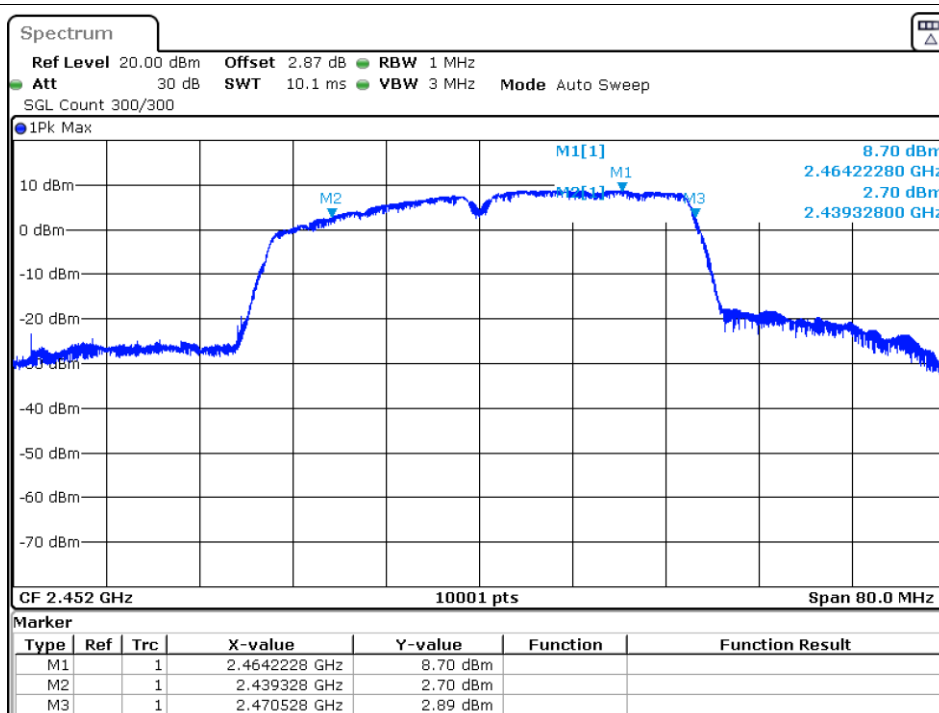
-6dB Bandwidth NVNT n20 2462MHz Ant1



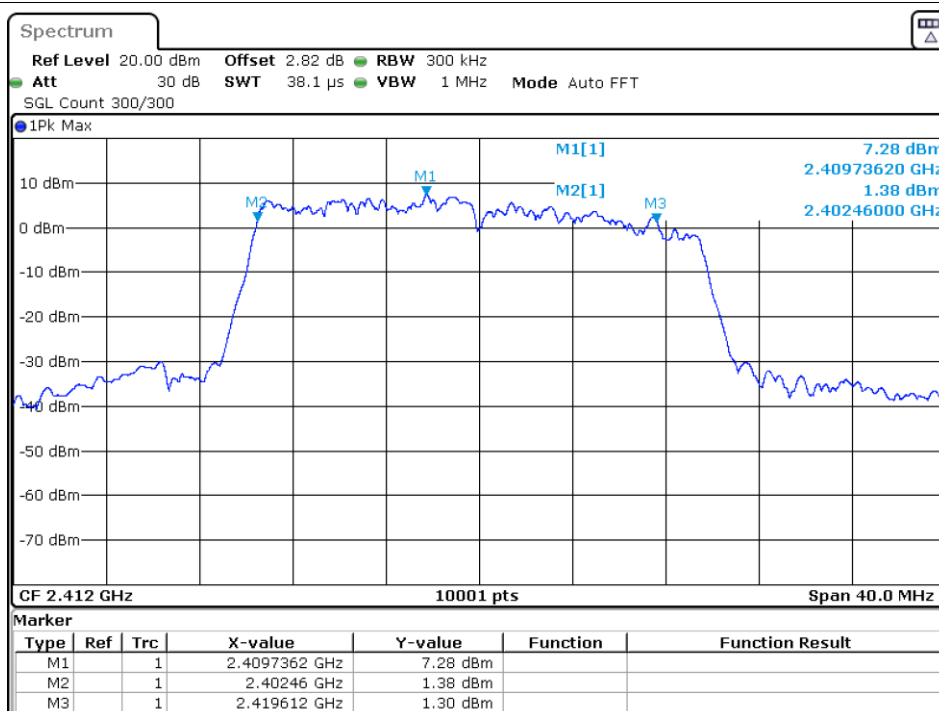
-6dB Bandwidth NVNT n40 2422MHz Ant1



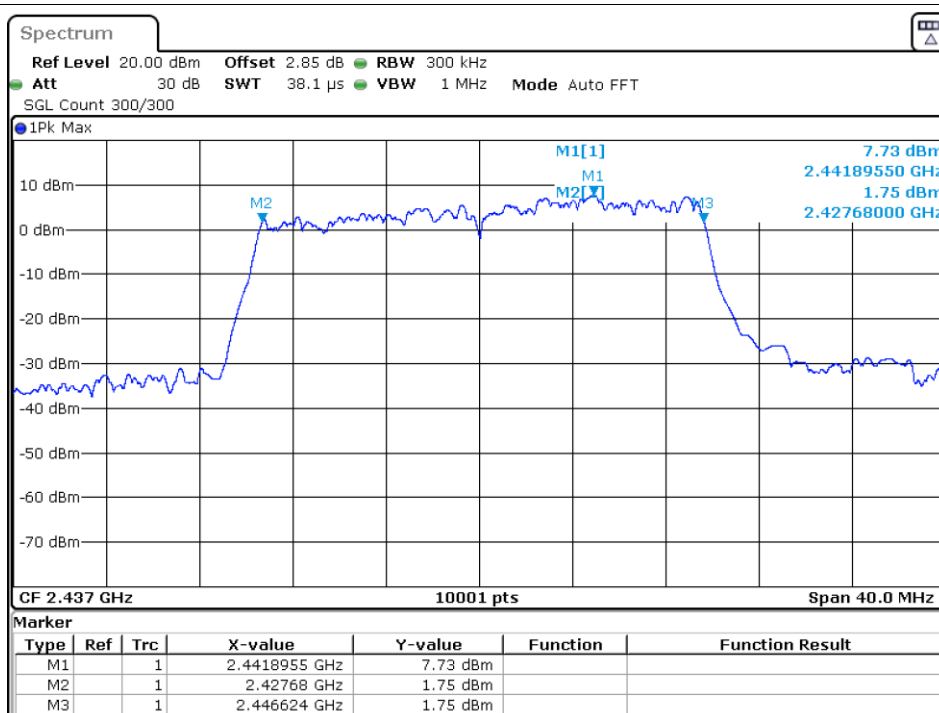
-6dB Bandwidth NVNT n40 2437MHz Ant1



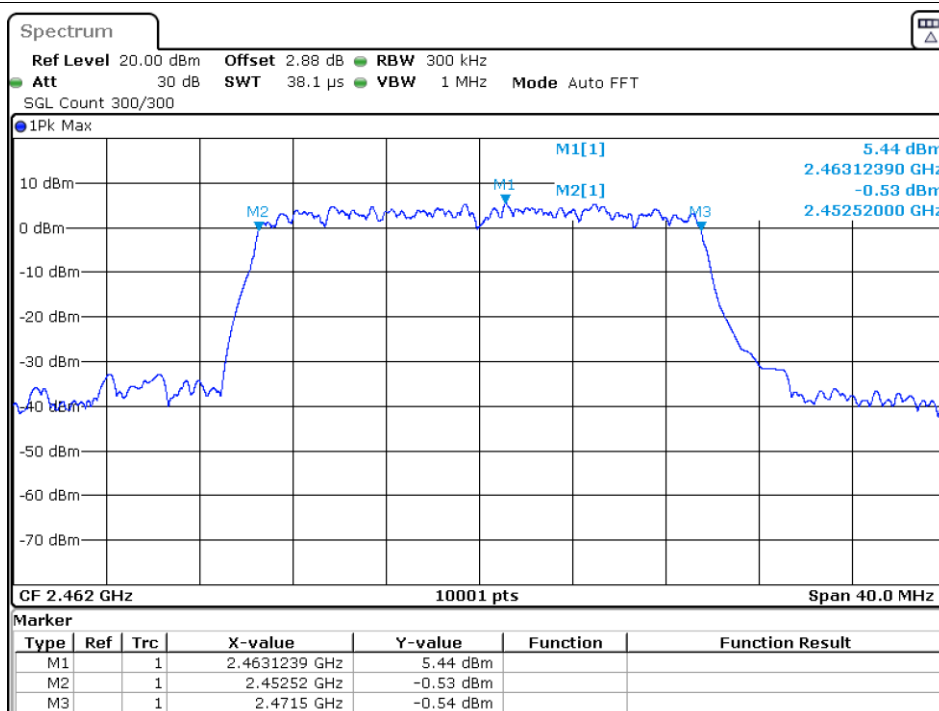
-6dB Bandwidth NVNT n40 2452MHz Ant1



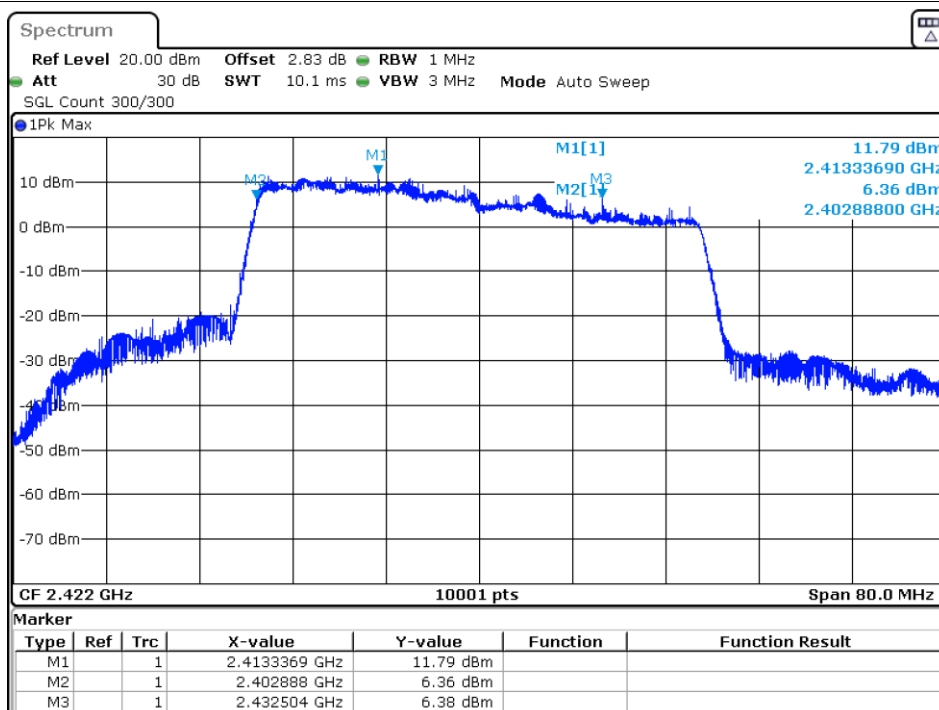
-6dB Bandwidth NVNT ax20 2412MHz Ant1



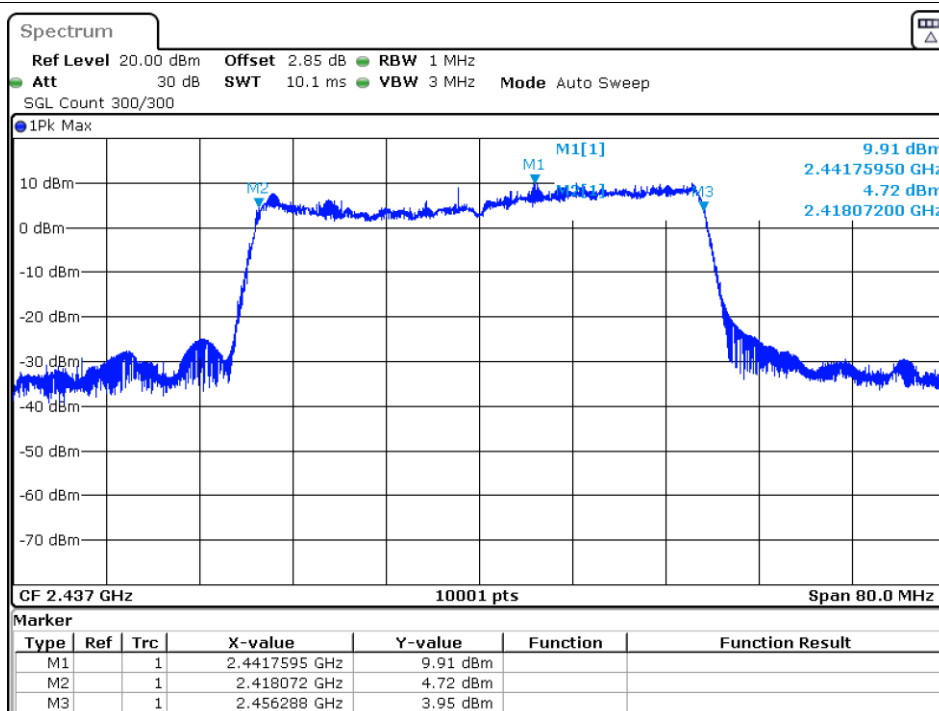
-6dB Bandwidth NVNT ax20 2437MHz Ant1



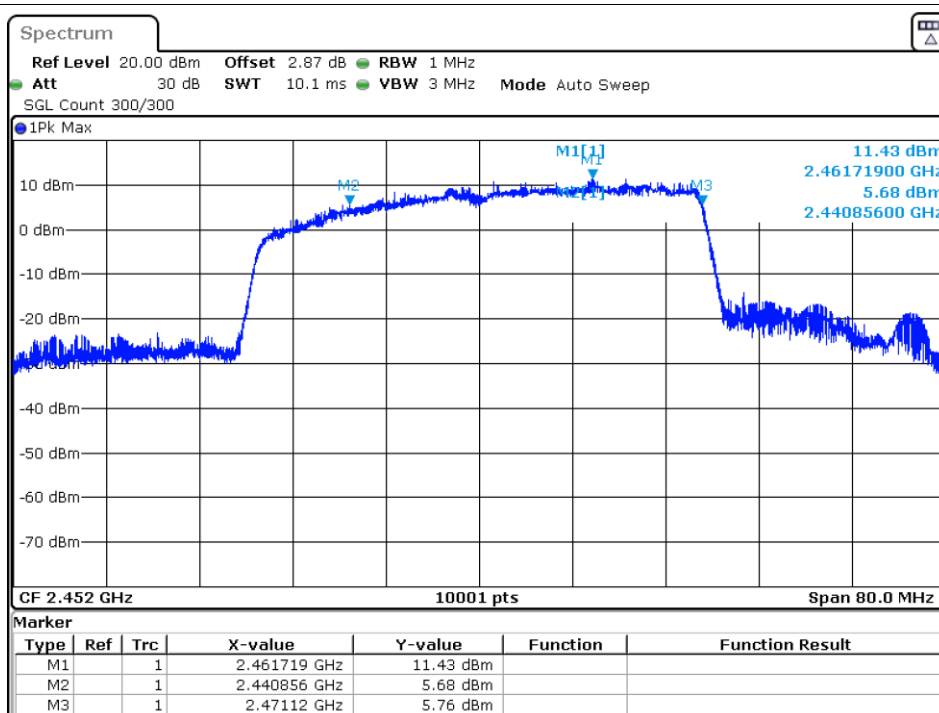
-6dB Bandwidth NVNT ax20 2462MHz Ant1



-6dB Bandwidth NVNT ax40 2422MHz Ant1



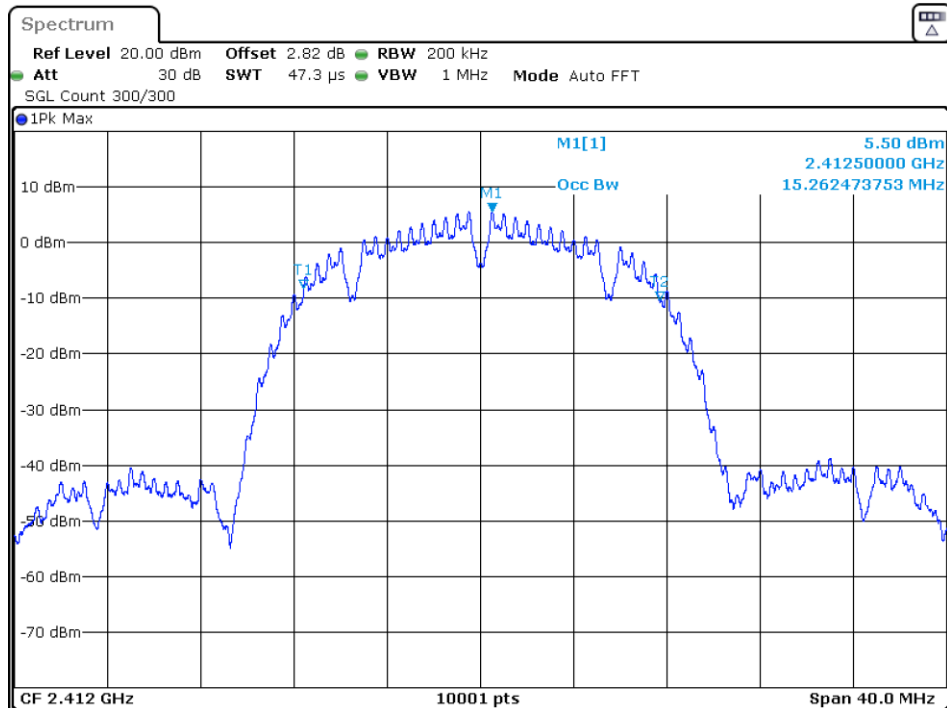
-6dB Bandwidth NVNT ax40 2437MHz Ant1



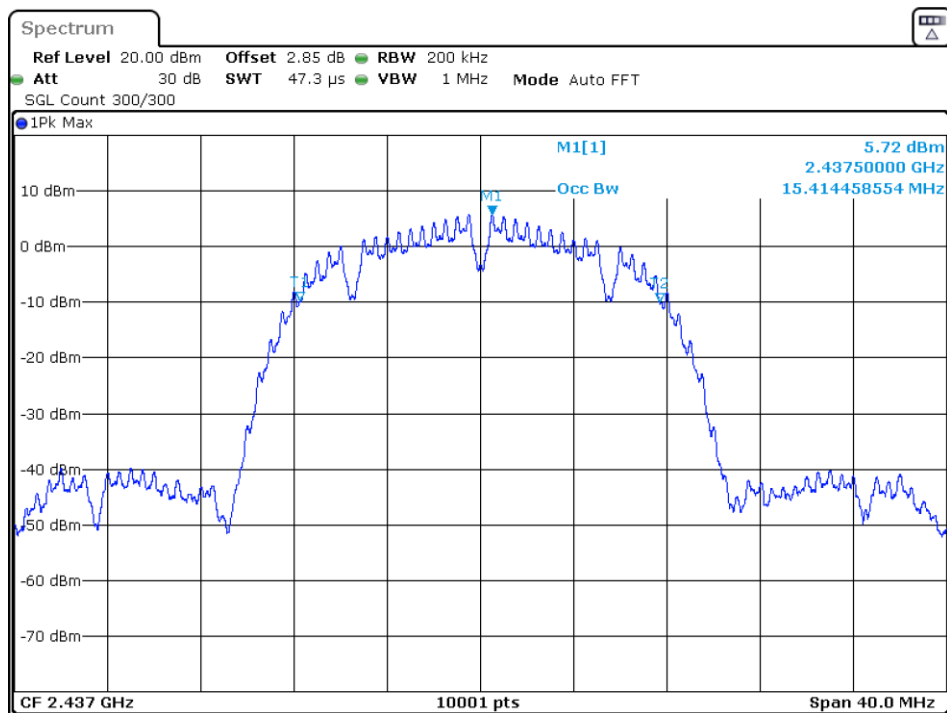
-6dB Bandwidth NVNT ax40 2452MHz Ant1

## Occupied Channel Bandwidth

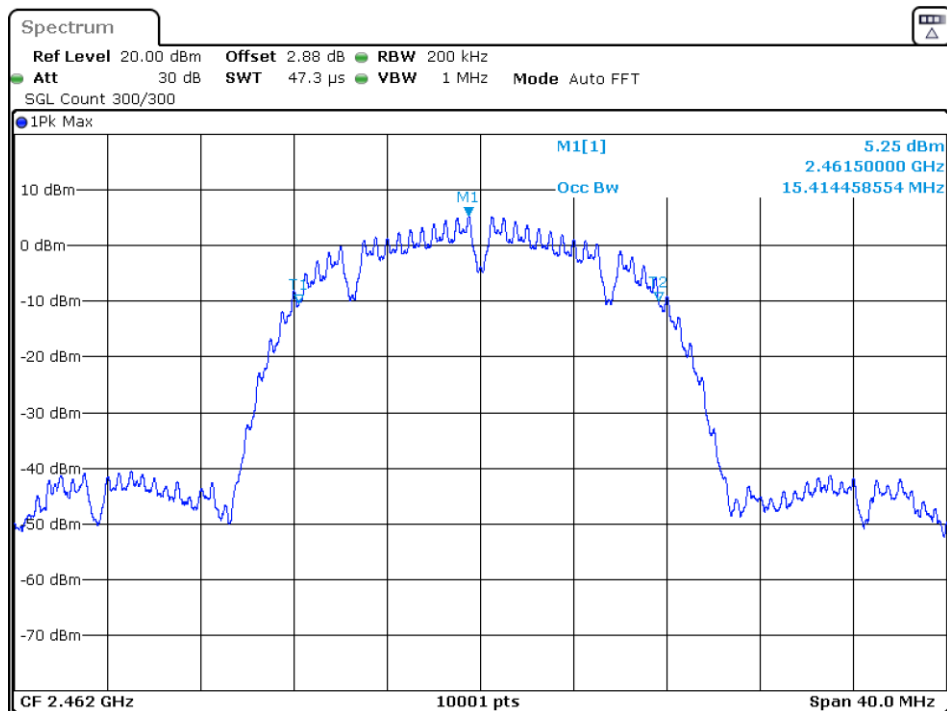
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | b    | 2412            | Ant1    | 15.262        |
| NVNT      | b    | 2437            | Ant1    | 15.414        |
| NVNT      | b    | 2462            | Ant1    | 15.414        |
| NVNT      | g    | 2412            | Ant1    | 16.27         |
| NVNT      | g    | 2437            | Ant1    | 16.534        |
| NVNT      | g    | 2462            | Ant1    | 16.498        |
| NVNT      | n20  | 2412            | Ant1    | 17.554        |
| NVNT      | n20  | 2437            | Ant1    | 17.702        |
| NVNT      | n20  | 2462            | Ant1    | 17.738        |
| NVNT      | n40  | 2422            | Ant1    | 36.548        |
| NVNT      | n40  | 2437            | Ant1    | 36.828        |
| NVNT      | n40  | 2452            | Ant1    | 35.7          |
| NVNT      | ax20 | 2412            | Ant1    | 18.794        |
| NVNT      | ax20 | 2437            | Ant1    | 18.934        |
| NVNT      | ax20 | 2462            | Ant1    | 18.93         |
| NVNT      | ax40 | 2422            | Ant1    | 37.644        |
| NVNT      | ax40 | 2437            | Ant1    | 37.988        |
| NVNT      | ax40 | 2452            | Ant1    | 36.828        |



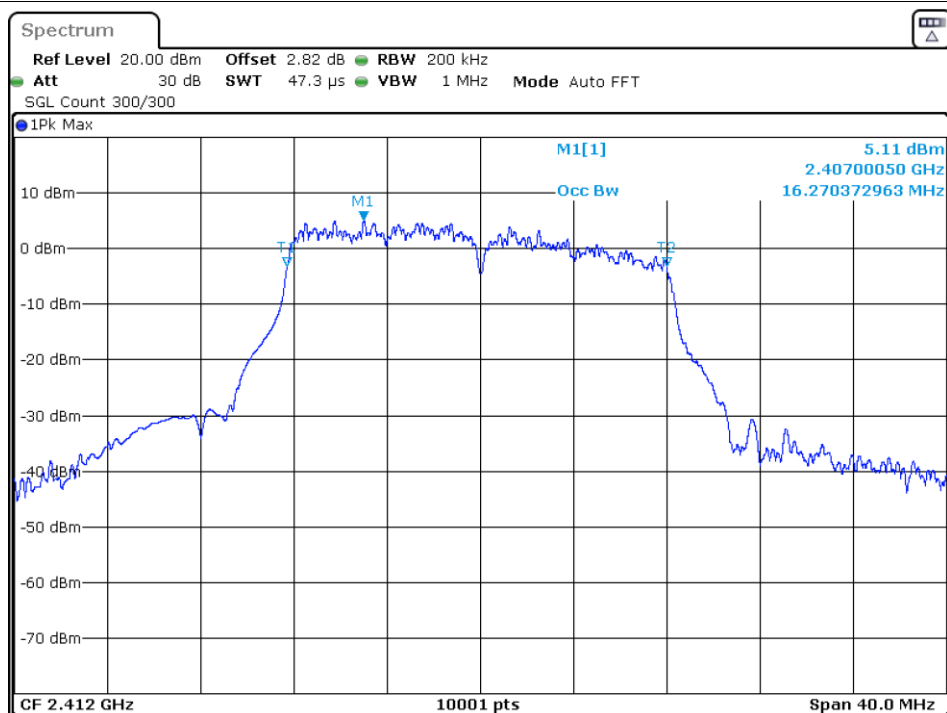
OBW NVNT b 2412MHz Ant1



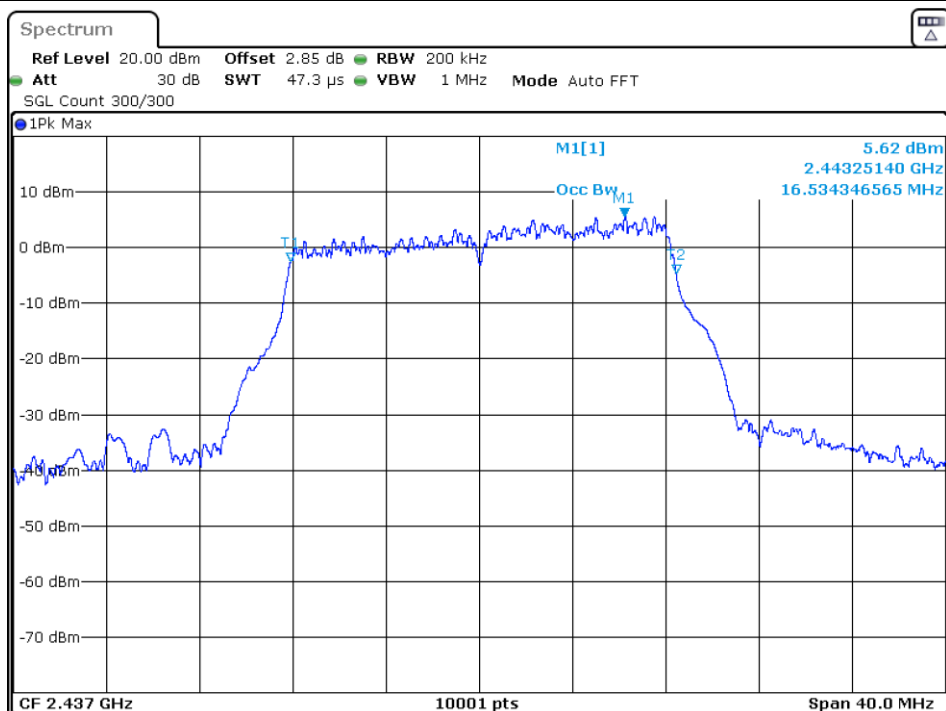
OBW NVNT b 2437MHz Ant1



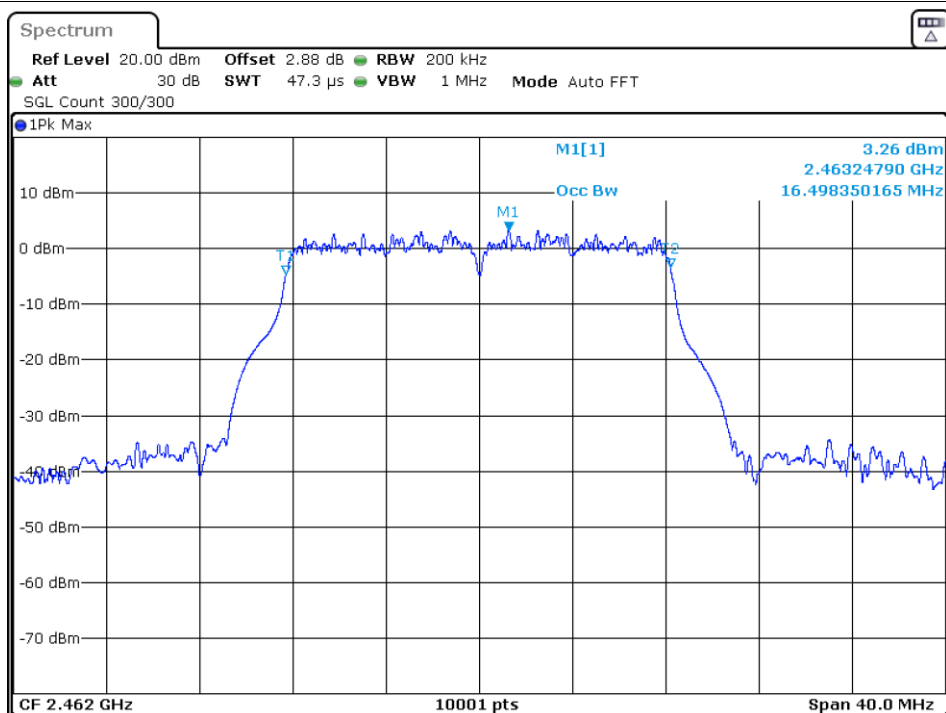
OBW NVNT b 2462MHz Ant1



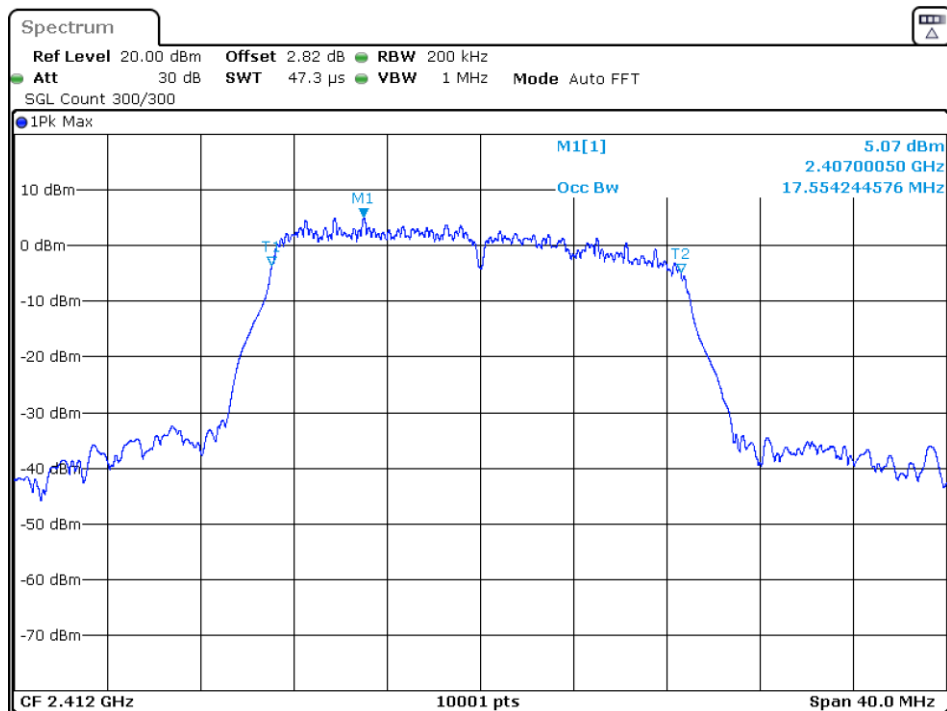
OBW NVNT g 2412MHz Ant1



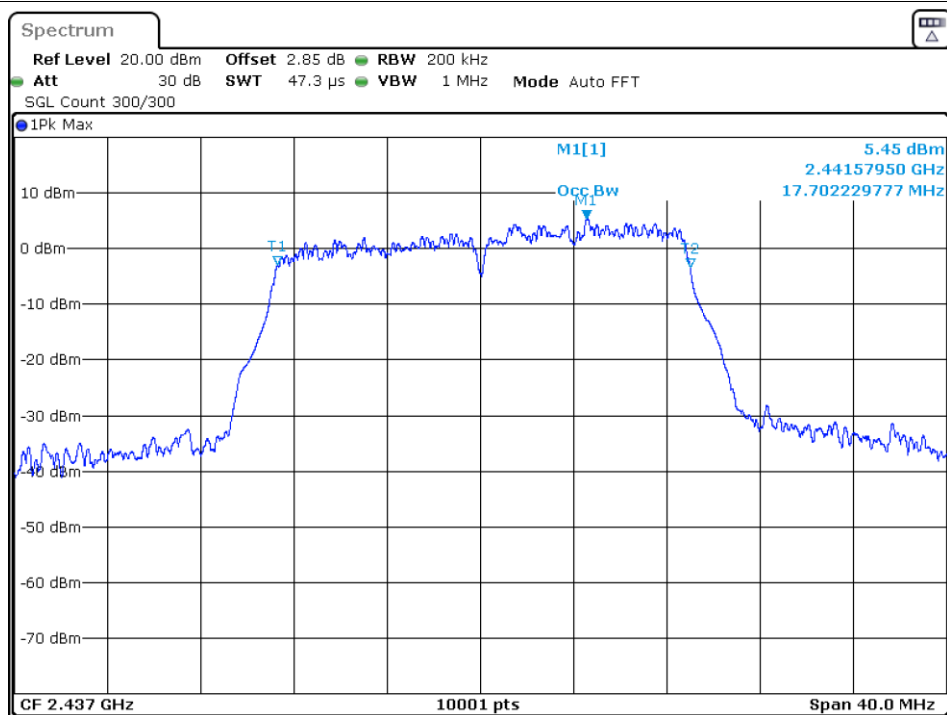
OBW NVNT g 2437MHz Ant1



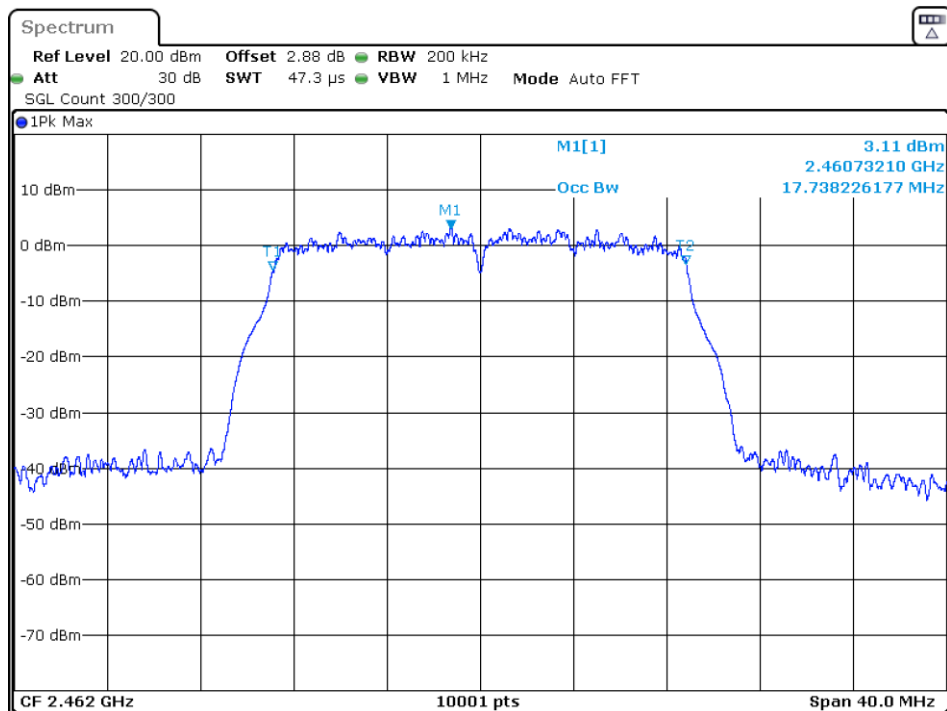
OBW NVNT g 2462MHz Ant1



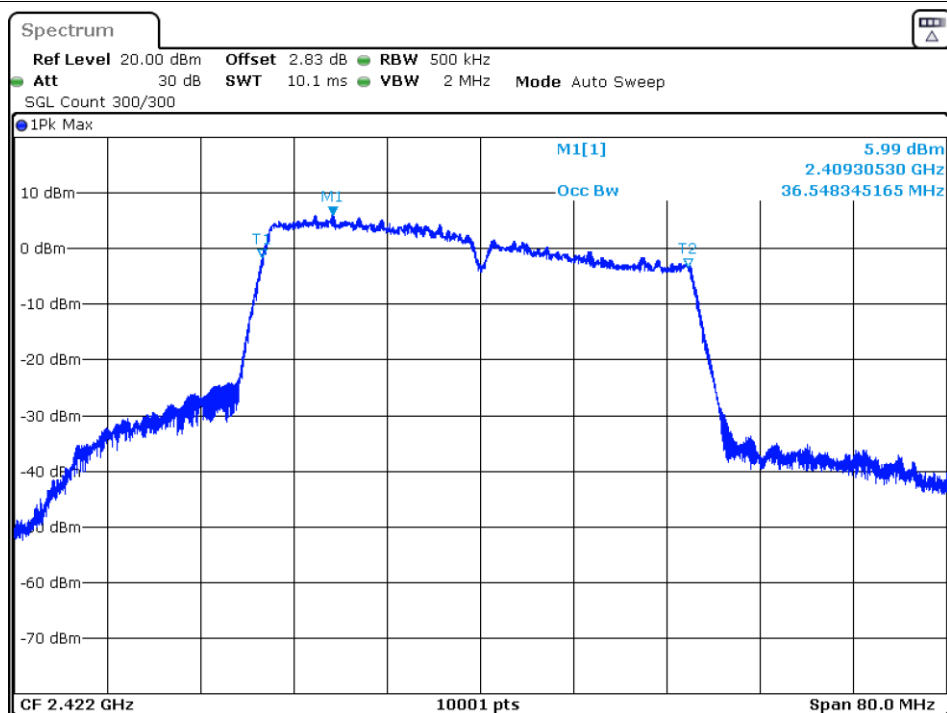
OBW NVNT n20 2412MHz Ant1



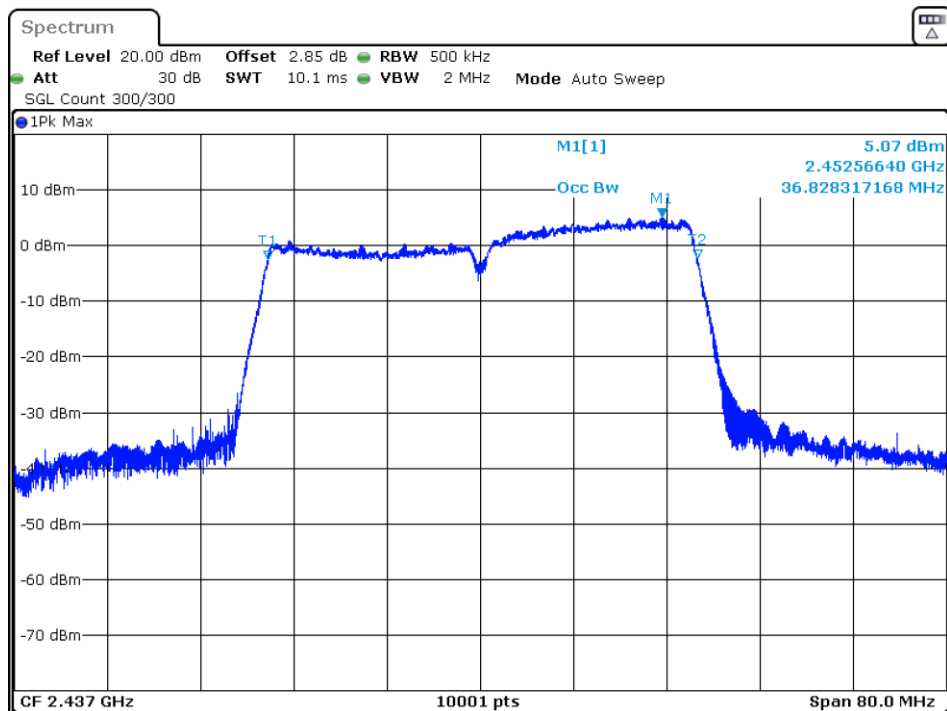
OBW NVNT n20 2437MHz Ant1



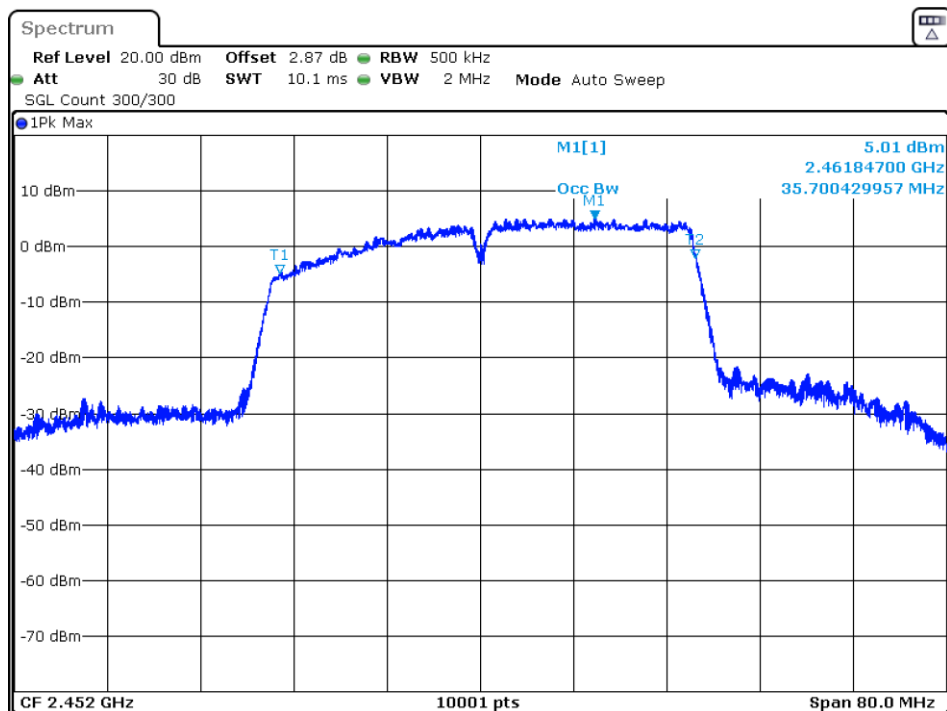
OBW NVNT n20 2462MHz Ant1



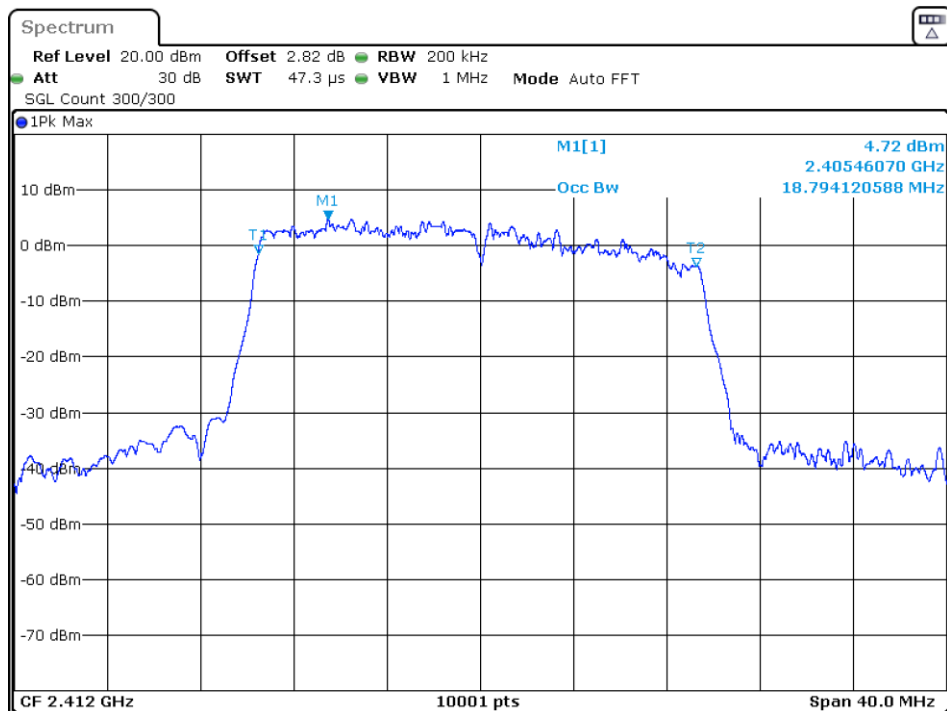
OBW NVNT n40 2422MHz Ant1



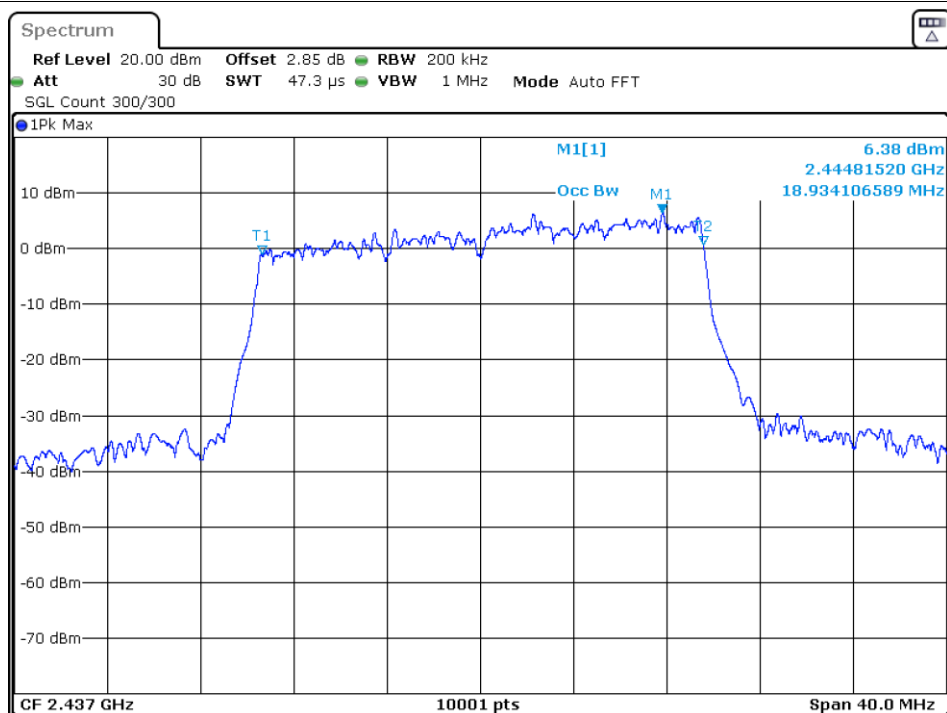
OBW NVNT n40 2437MHz Ant1



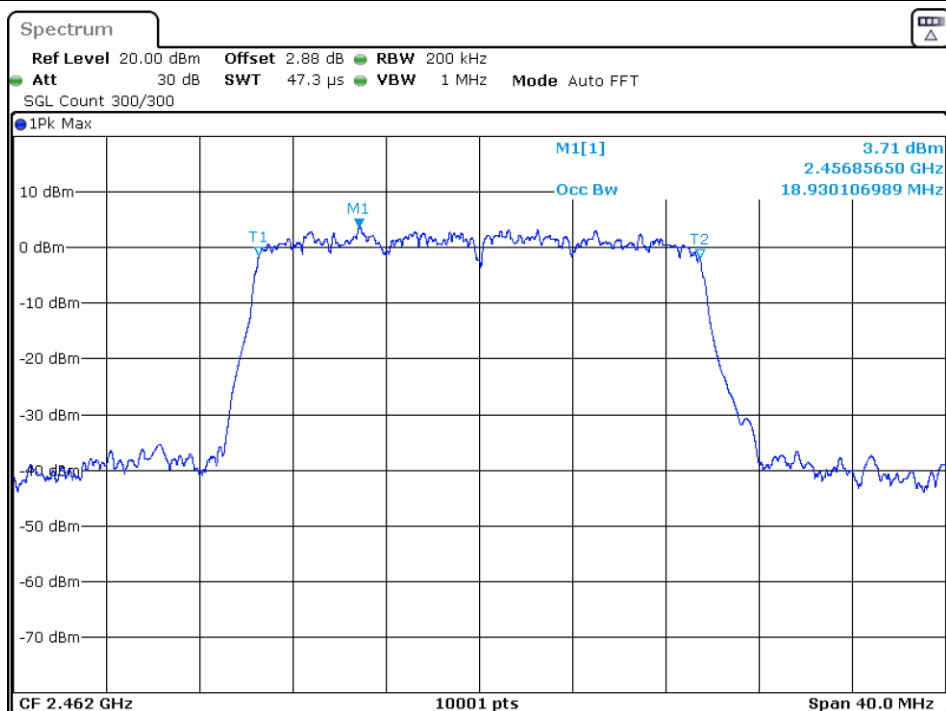
OBW NVNT n40 2452MHz Ant1



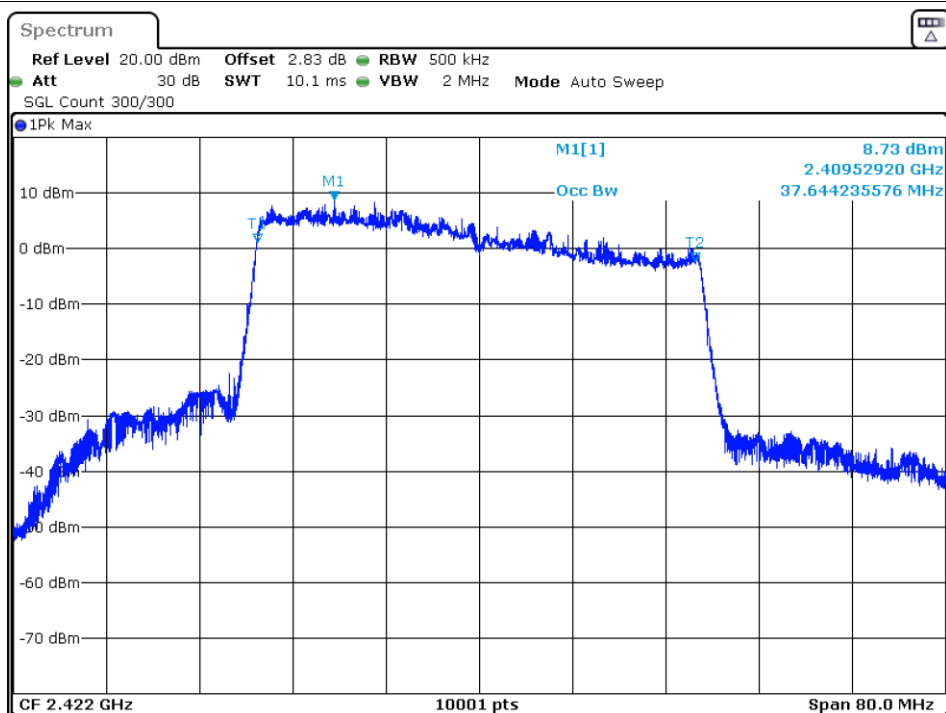
OBW NVNT ax20 2412MHz Ant1



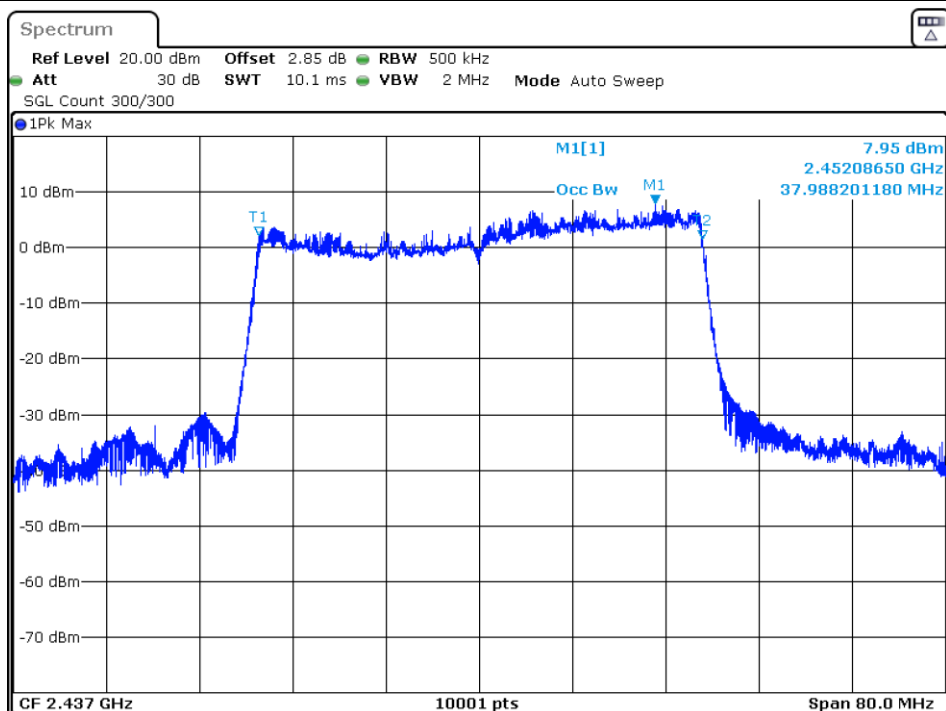
OBW NVNT ax20 2437MHz Ant1



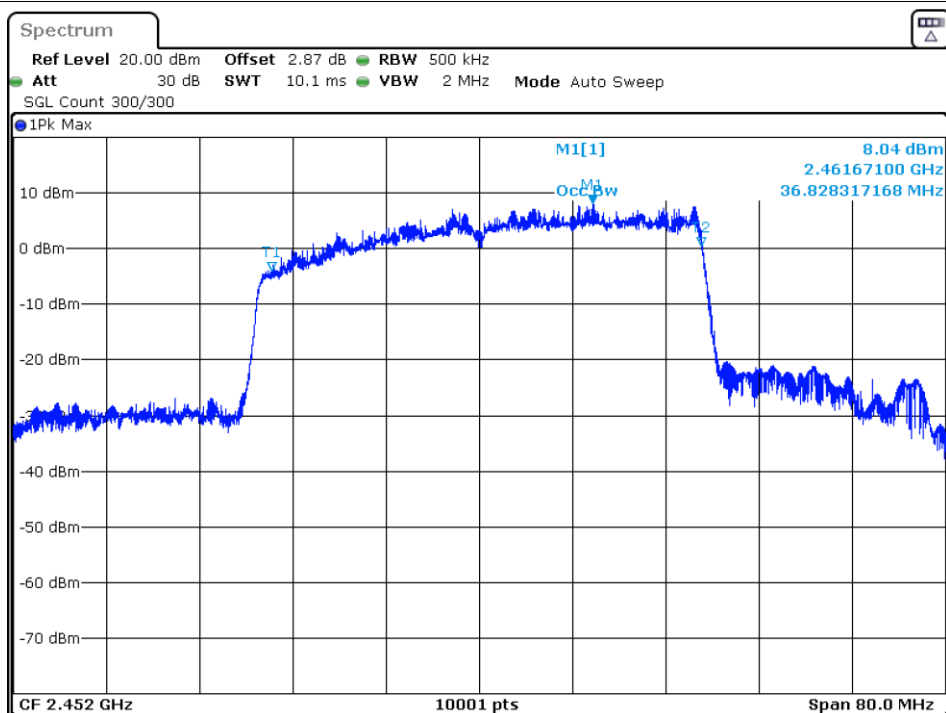
OBW NVNT ax20 2462MHz Ant1



OBW NVNT ax40 2422MHz Ant1



OBW NVNT ax40 2437MHz Ant1



OBW NVNT ax40 2452MHz Ant1

## Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Duty Factor (dB) | Total PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|--------------------------|------------------|----------------------|------------------|---------|
| NVNT      | b    | 2412            | Ant1    | -8.43                    | 0                | -8.43                | 8                | Pass    |
| NVNT      | b    | 2437            | Ant1    | -8.1                     | 0                | -8.1                 | 8                | Pass    |
| NVNT      | b    | 2462            | Ant1    | -8.46                    | 0                | -8.46                | 8                | Pass    |
| NVNT      | g    | 2412            | Ant1    | -10.01                   | 0                | -10.01               | 8                | Pass    |
| NVNT      | g    | 2437            | Ant1    | -9.64                    | 0                | -9.64                | 8                | Pass    |
| NVNT      | g    | 2462            | Ant1    | -10.5                    | 0                | -10.5                | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -11                      | 0                | -11                  | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -10.11                   | 0                | -10.11               | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -12                      | 0                | -12                  | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -12.31                   | 0                | -12.31               | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -12.15                   | 0                | -12.15               | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -13.6                    | 0                | -13.6                | 8                | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | -11.11                   | 0                | -11.11               | 8                | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | -9.93                    | 0                | -9.93                | 8                | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | -12.6                    | 0                | -12.6                | 8                | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | -14.06                   | 0                | -14.06               | 8                | Pass    |
| NVNT      | ax40 | 2437            | Ant1    | -14.28                   | 0                | -14.28               | 8                | Pass    |
| NVNT      | ax40 | 2452            | Ant1    | -13.65                   | 0                | -13.65               | 8                | Pass    |