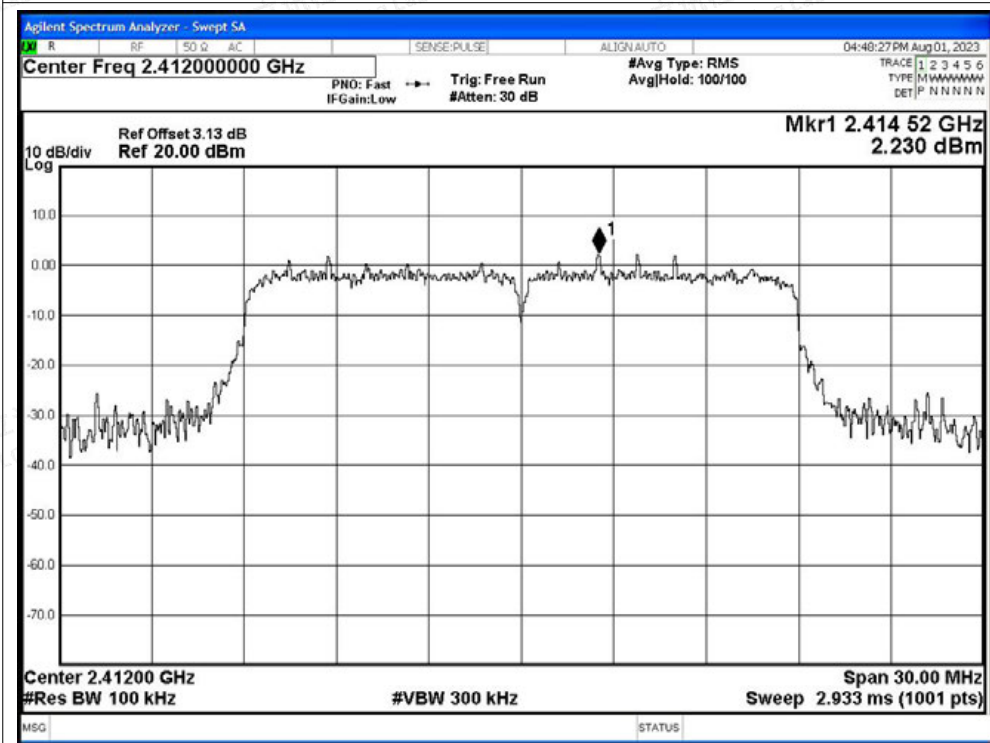
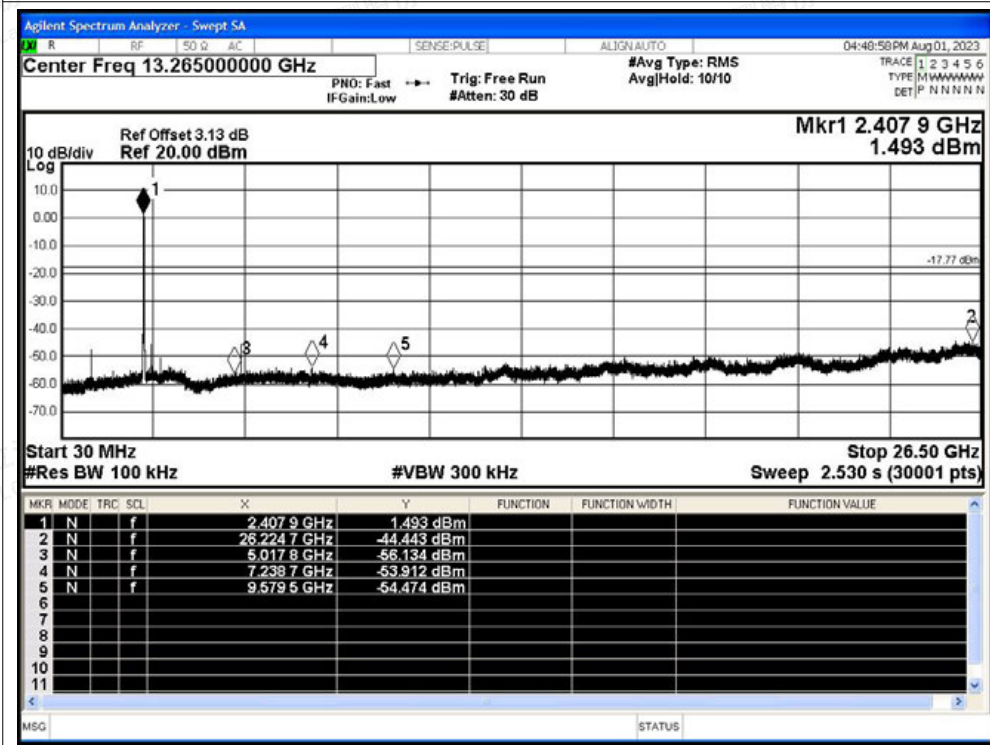




Tx. Spurious NVNT n20 2412MHz Ant0 Ref

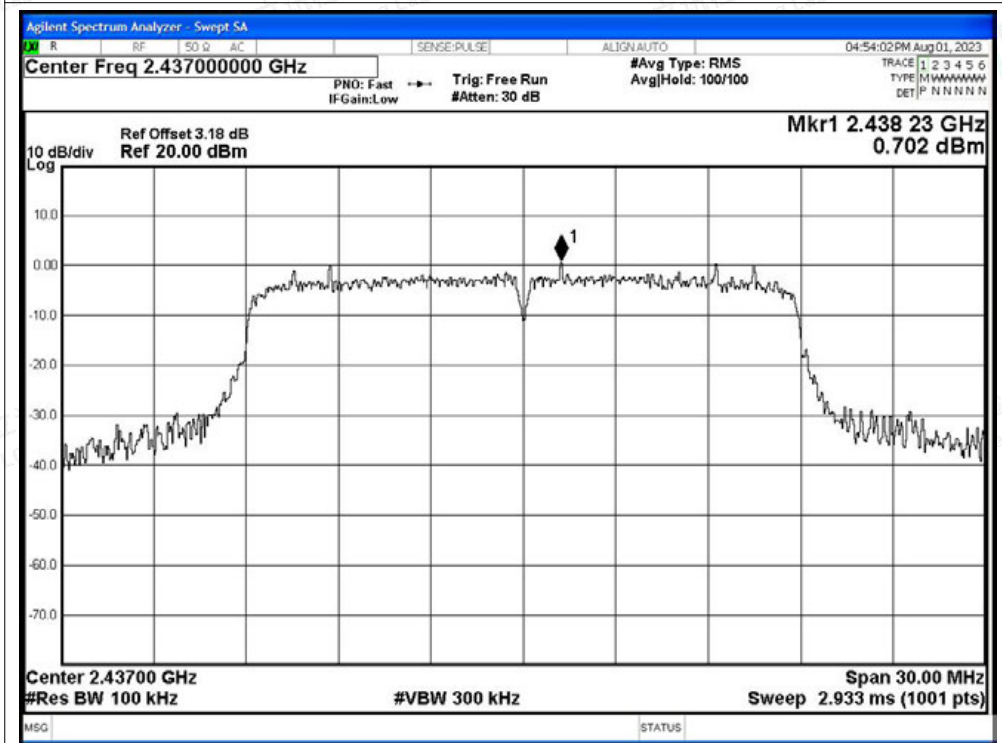


Tx. Spurious NVNT n20 2412MHz Ant0 Emission

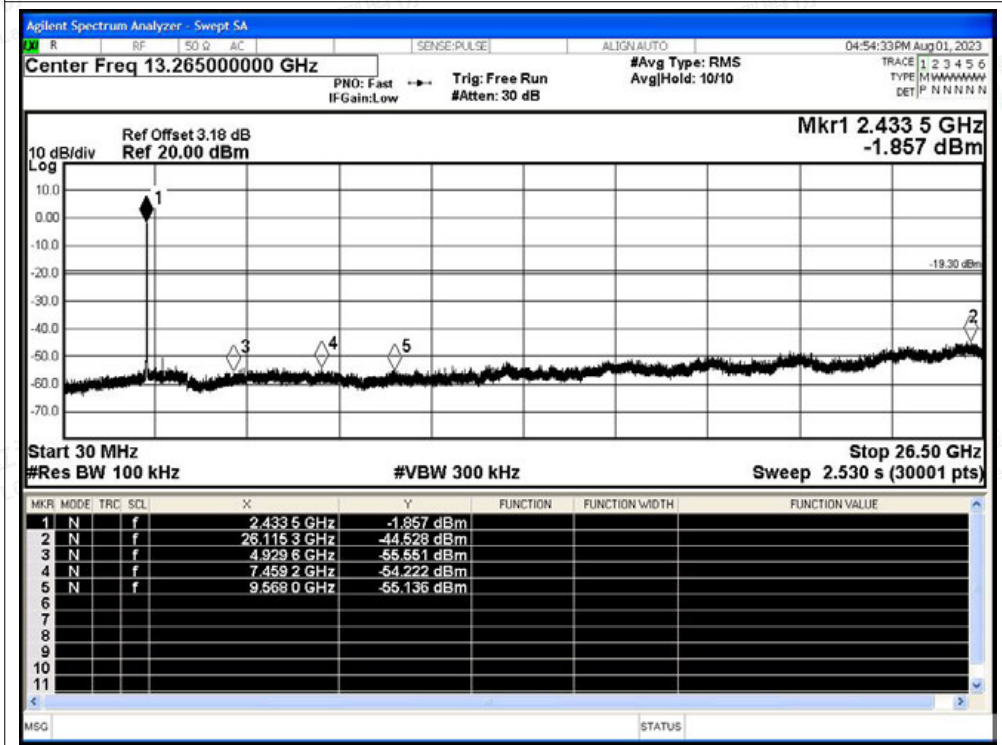




Tx. Spurious NVNT n20 2437MHz Ant0 Ref

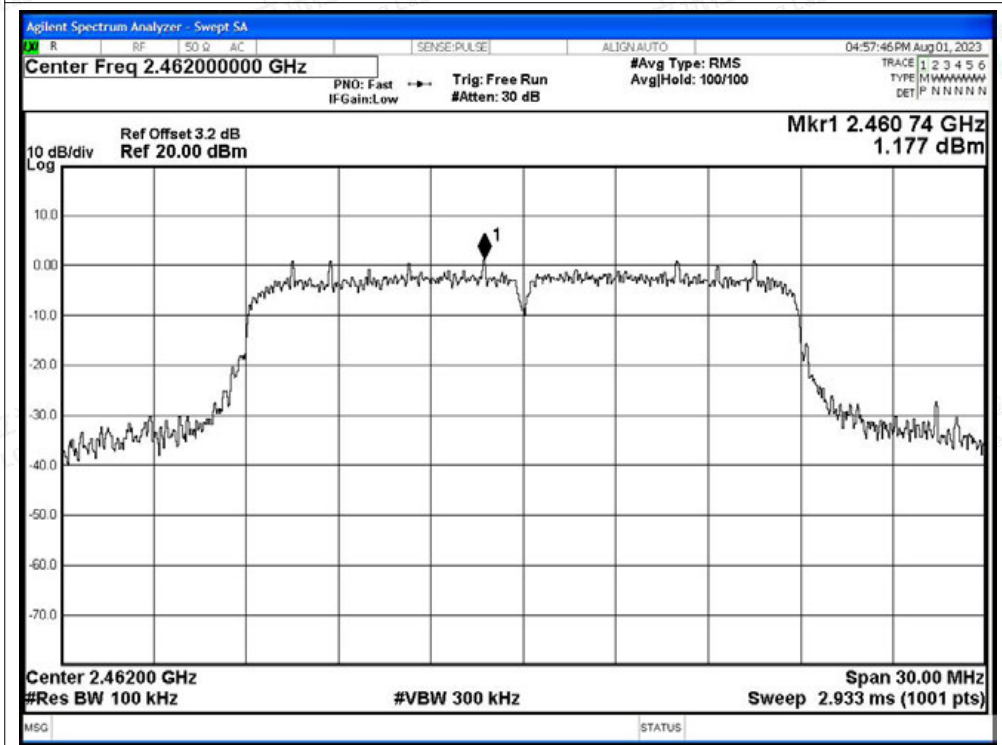


Tx. Spurious NVNT n20 2437MHz Ant0 Emission

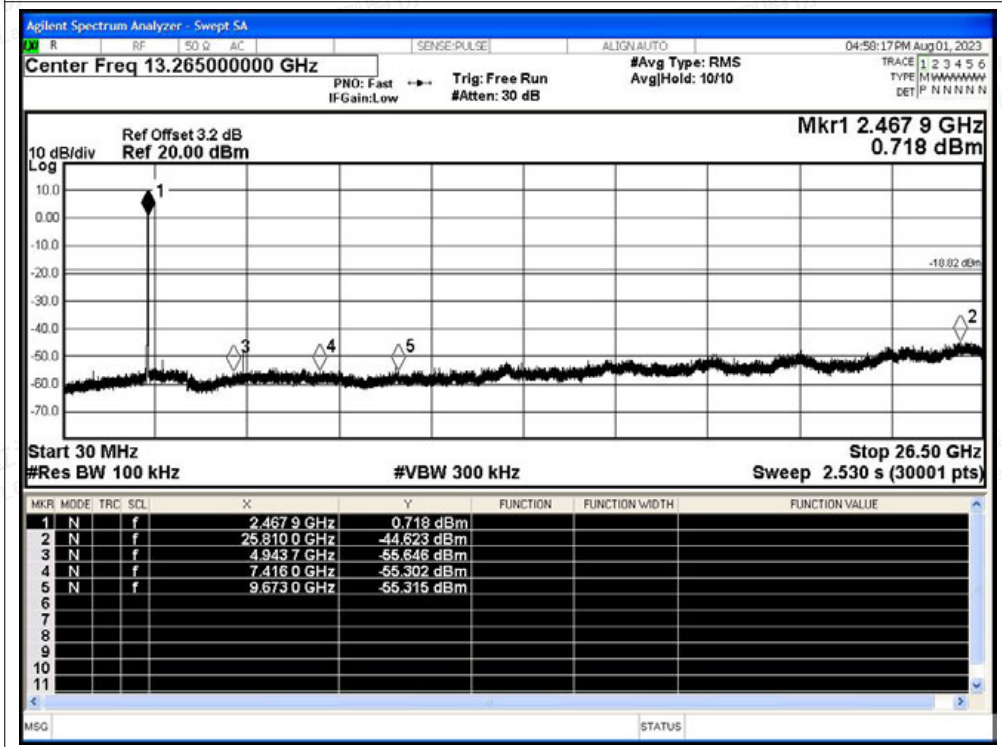




Tx. Spurious NVNT n20 2462MHz Ant0 Ref



Tx. Spurious NVNT n20 2462MHz Ant0 Emission





| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -41.78          | -20         | Pass    |
| NVNT      | b    | 2437            | Ant1    | -43.29          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -42.28          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -39.58          | -20         | Pass    |
| NVNT      | g    | 2437            | Ant1    | -44.05          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -43.09          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -41.16          | -20         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -43.69          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -32.52          | -20         | Pass    |

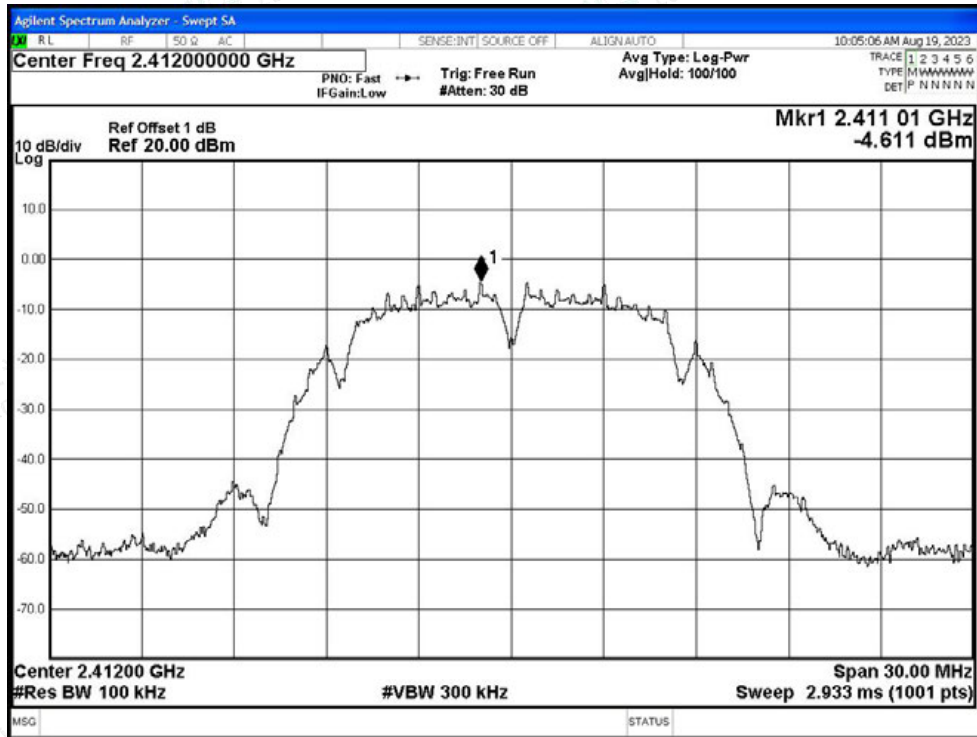


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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

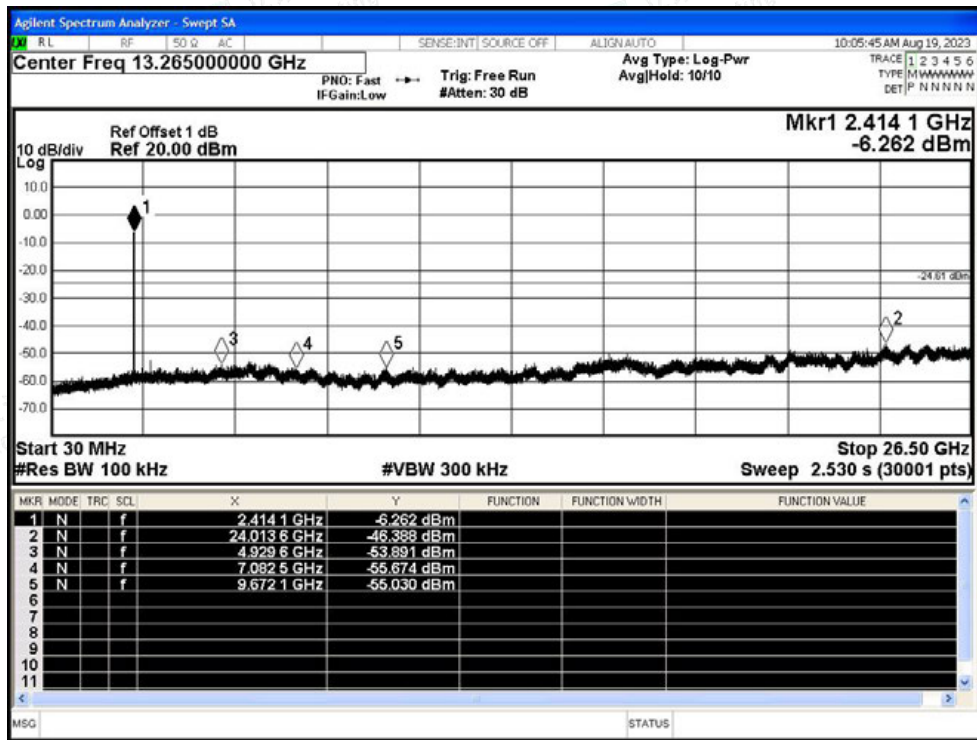


Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref

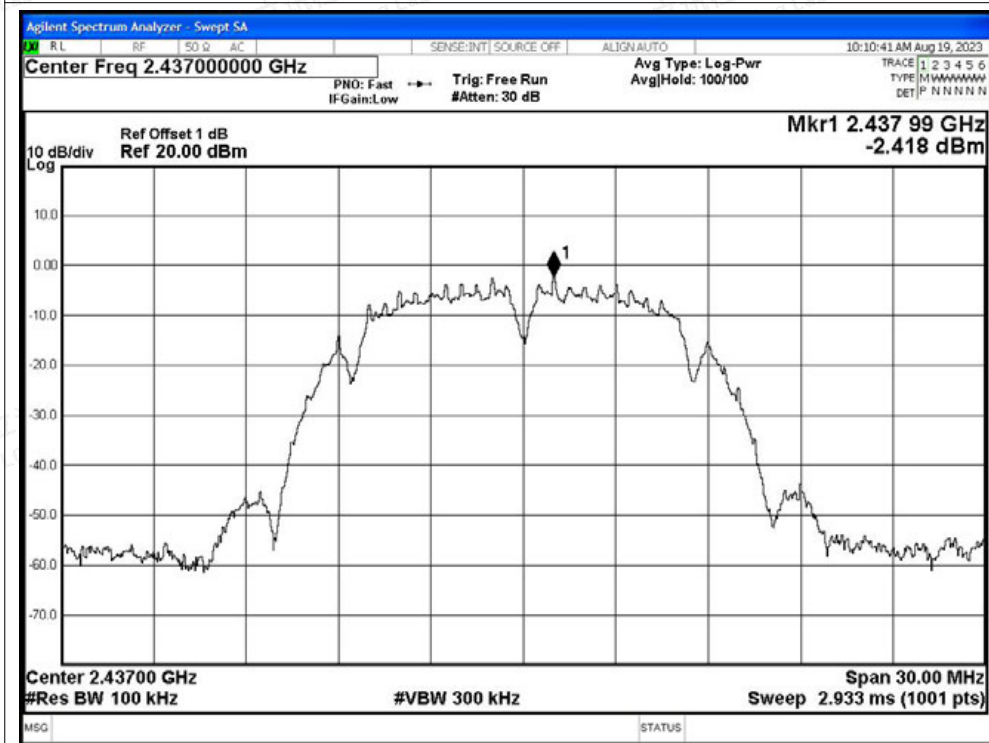


Tx. Spurious NVNT b 2412MHz Ant1 Emission

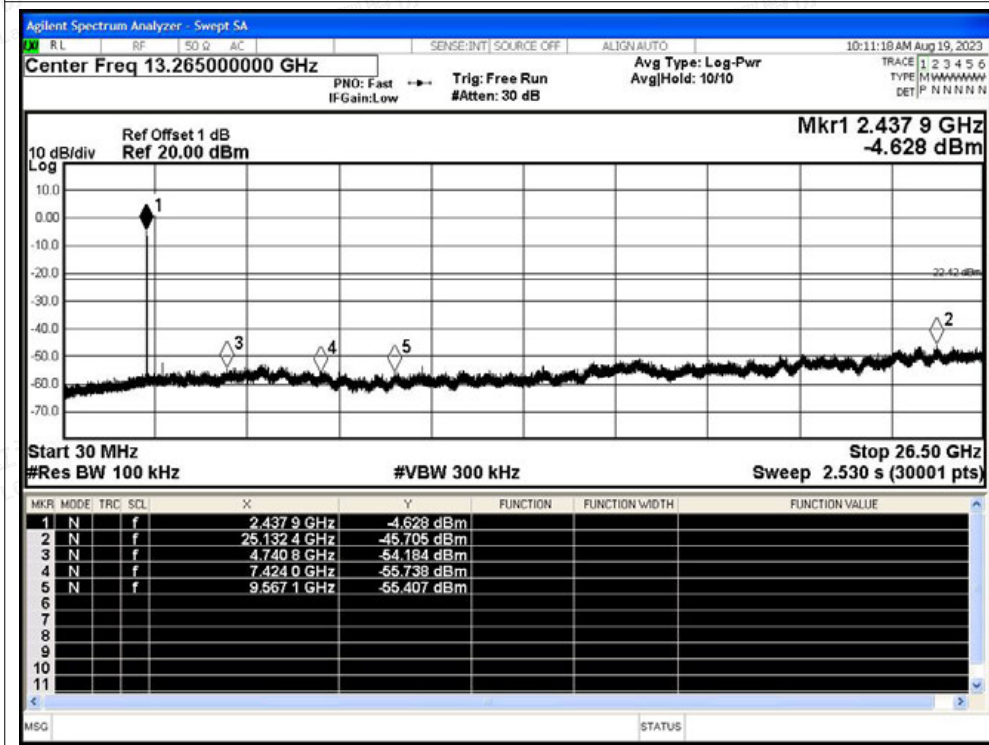




Tx. Spurious NVNT b 2437MHz Ant1 Ref

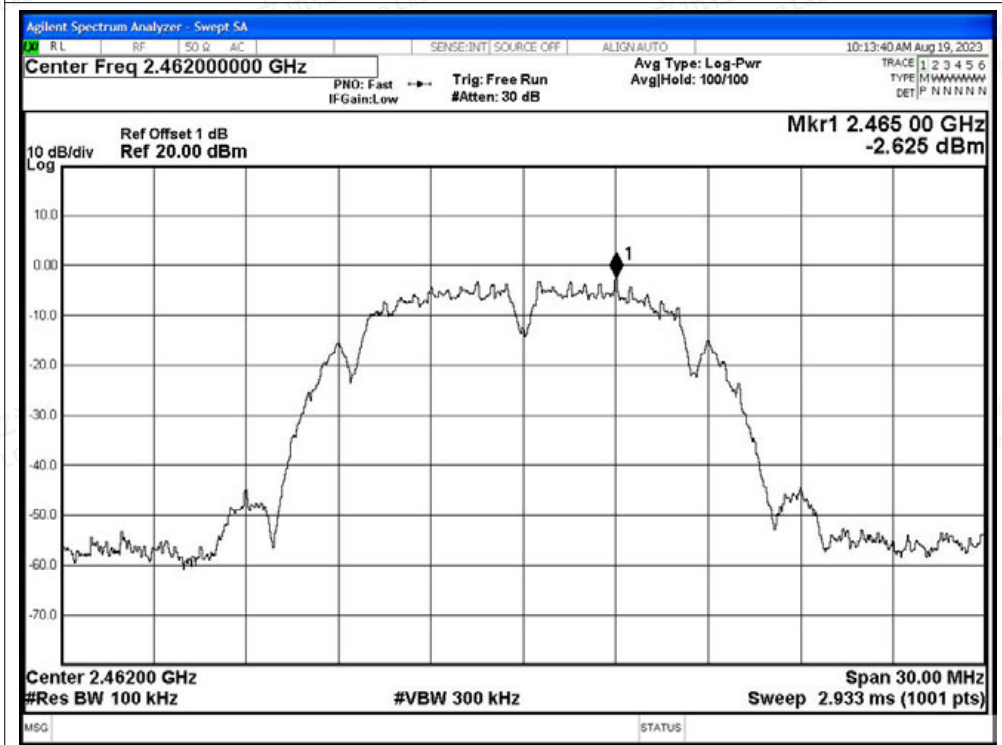


Tx. Spurious NVNT b 2437MHz Ant1 Emission

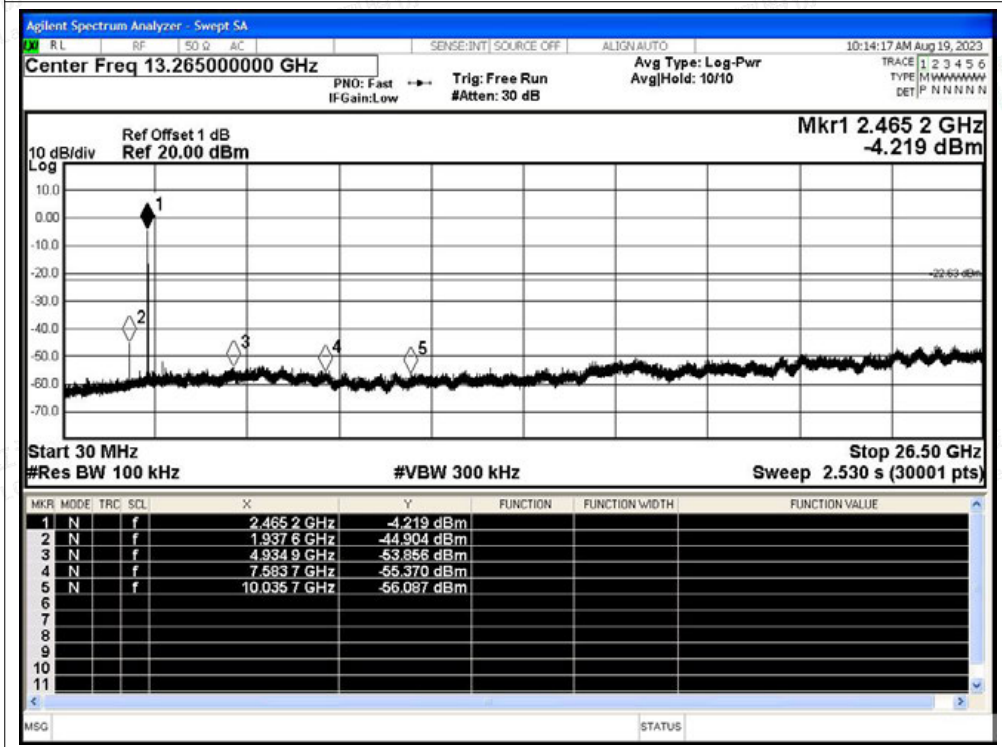




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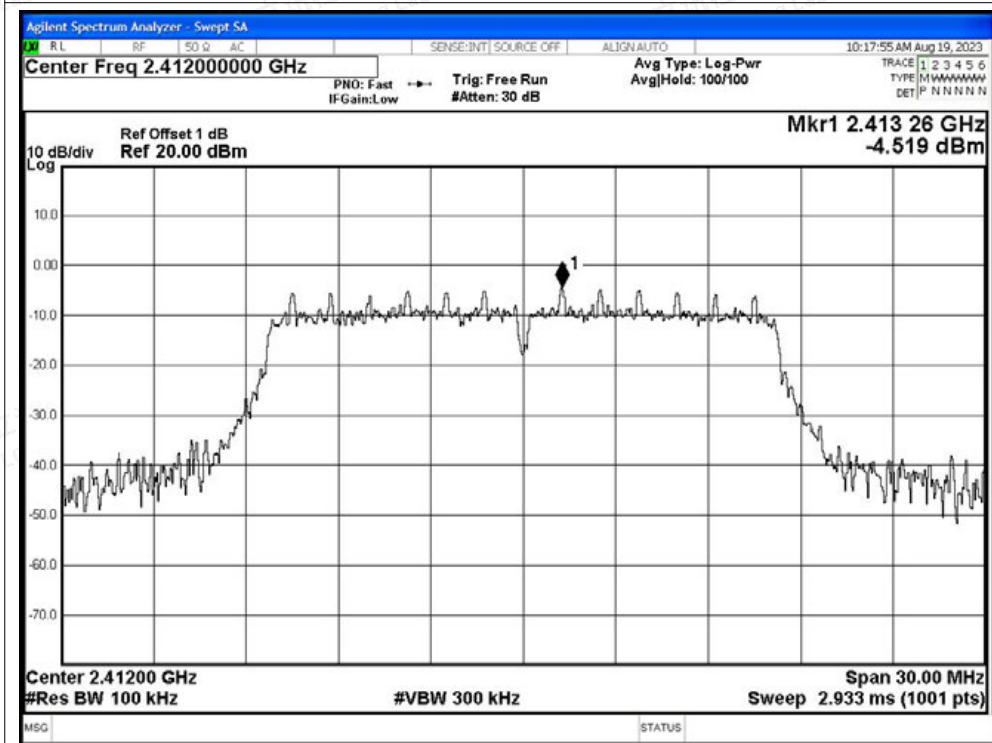


Tx. Spurious NVNT b 2462MHz Ant1 Emission

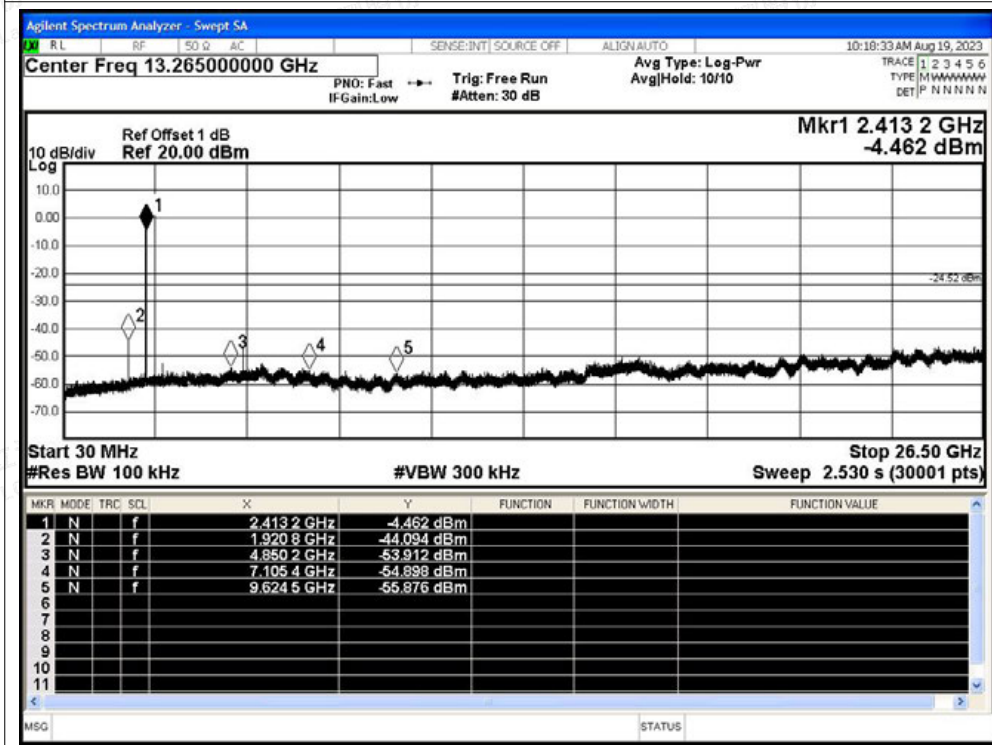




Tx. Spurious NVNT g 2412MHz Ant1 Ref



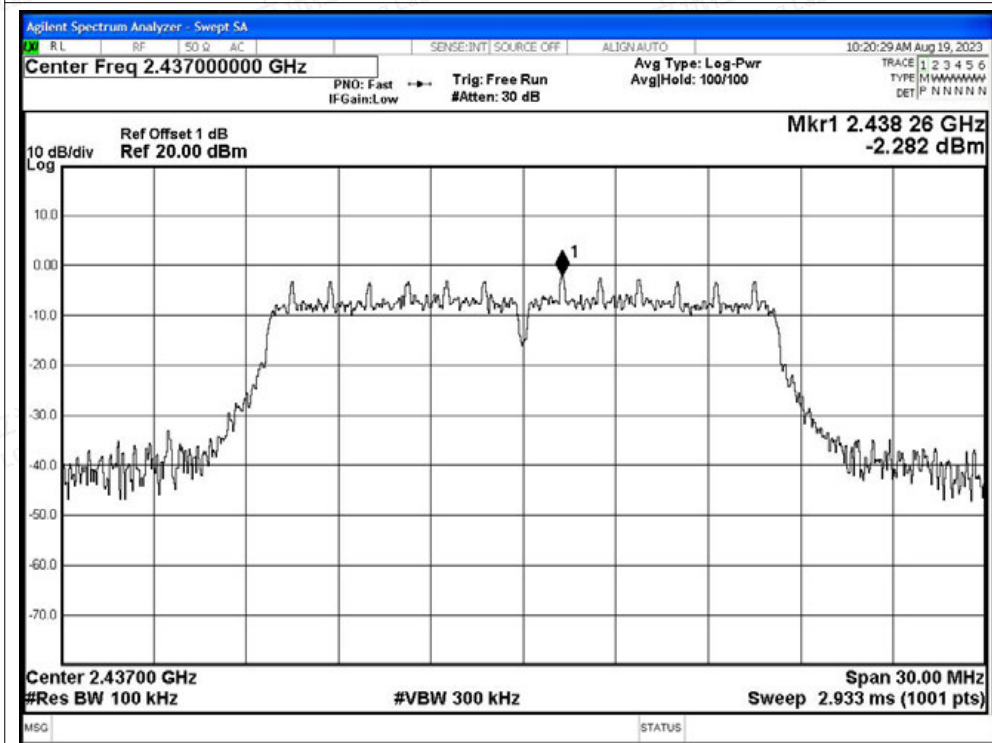
Tx. Spurious NVNT g 2412MHz Ant1 Emission



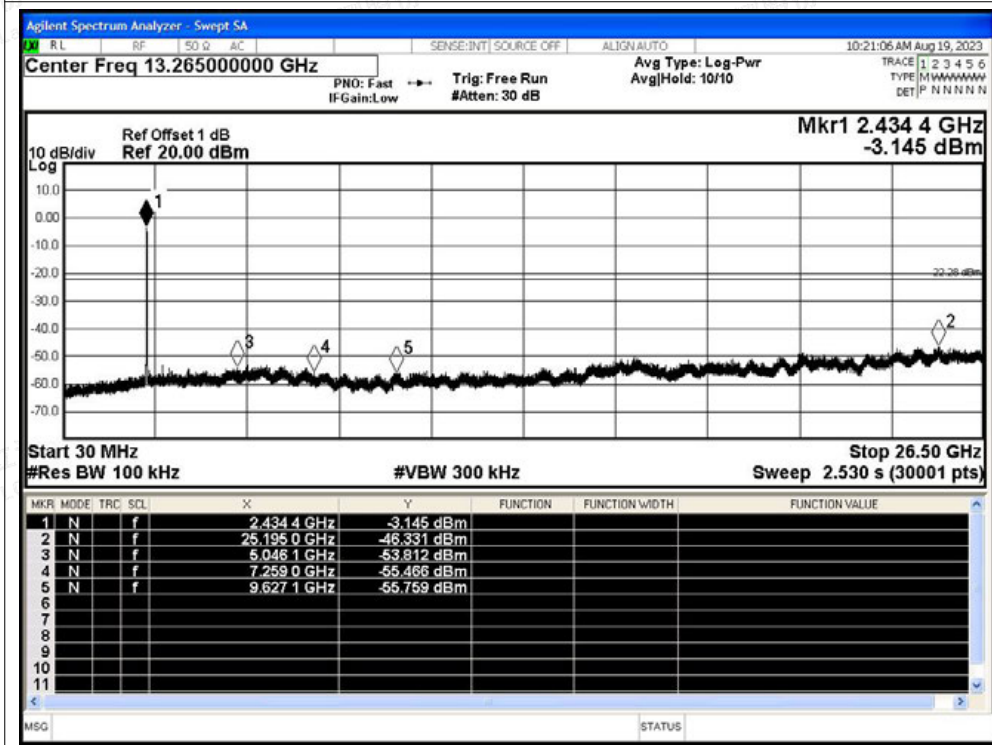




Tx. Spurious NVNT g 2437MHz Ant1 Ref

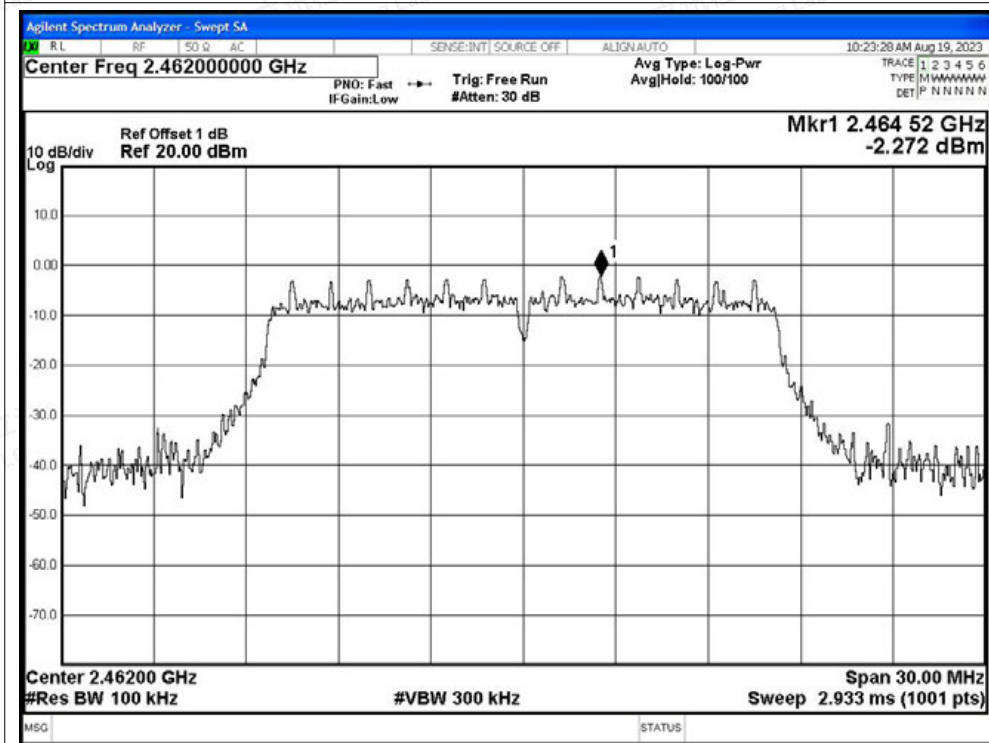


Tx. Spurious NVNT g 2437MHz Ant1 Emission

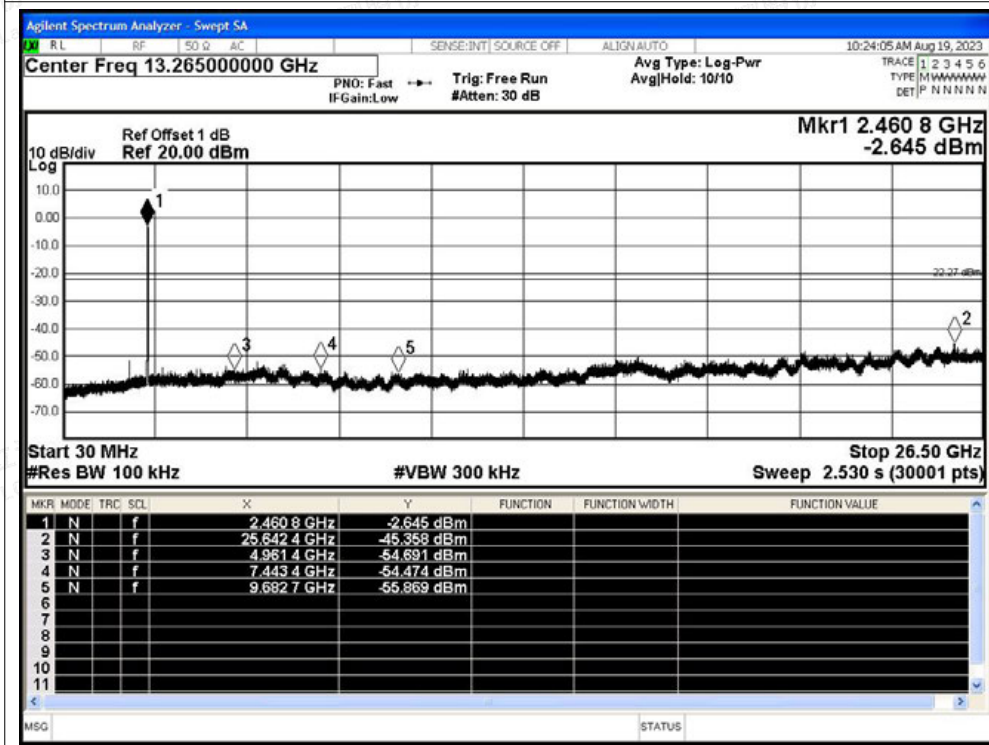




Tx. Spurious NVNT g 2462MHz Ant1 Ref

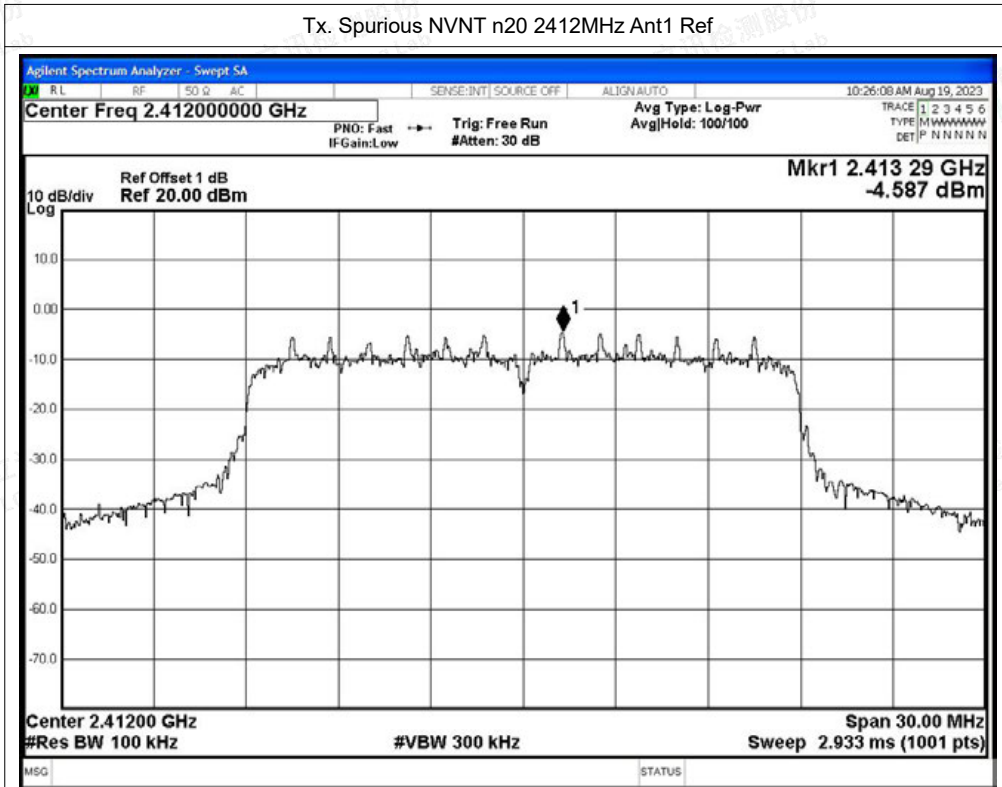


Tx. Spurious NVNT g 2462MHz Ant1 Emission

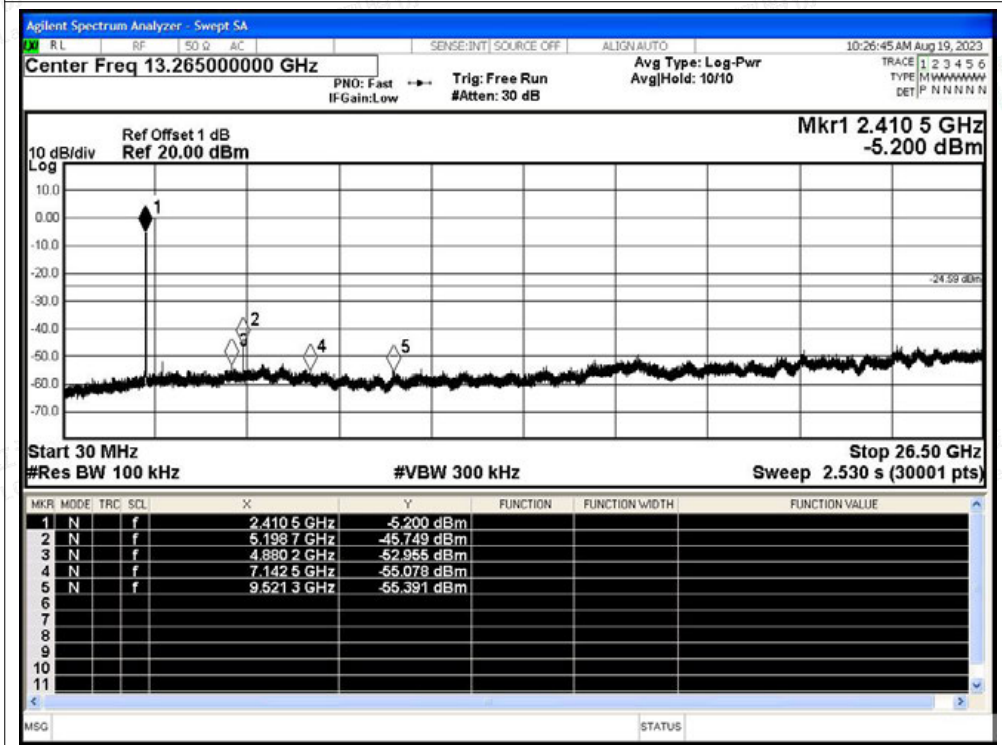




Tx. Spurious NVNT n20 2412MHz Ant1 Ref



Tx. Spurious NVNT n20 2412MHz Ant1 Emission

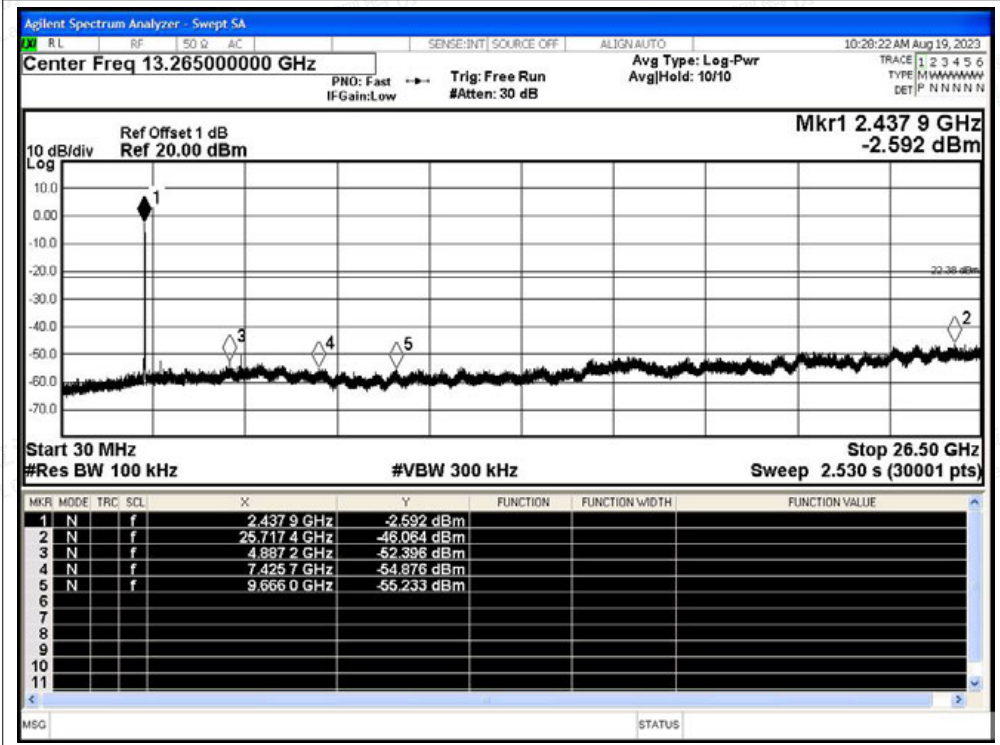




Tx. Spurious NVNT n20 2437MHz Ant1 Ref

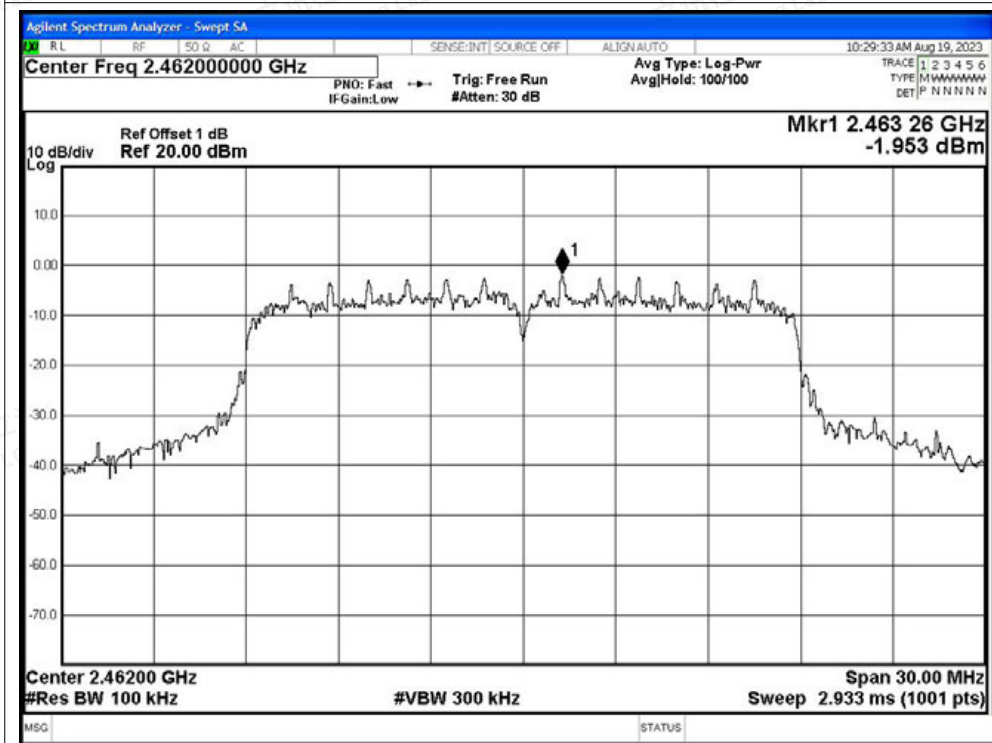


Tx. Spurious NVNT n20 2437MHz Ant1 Emission

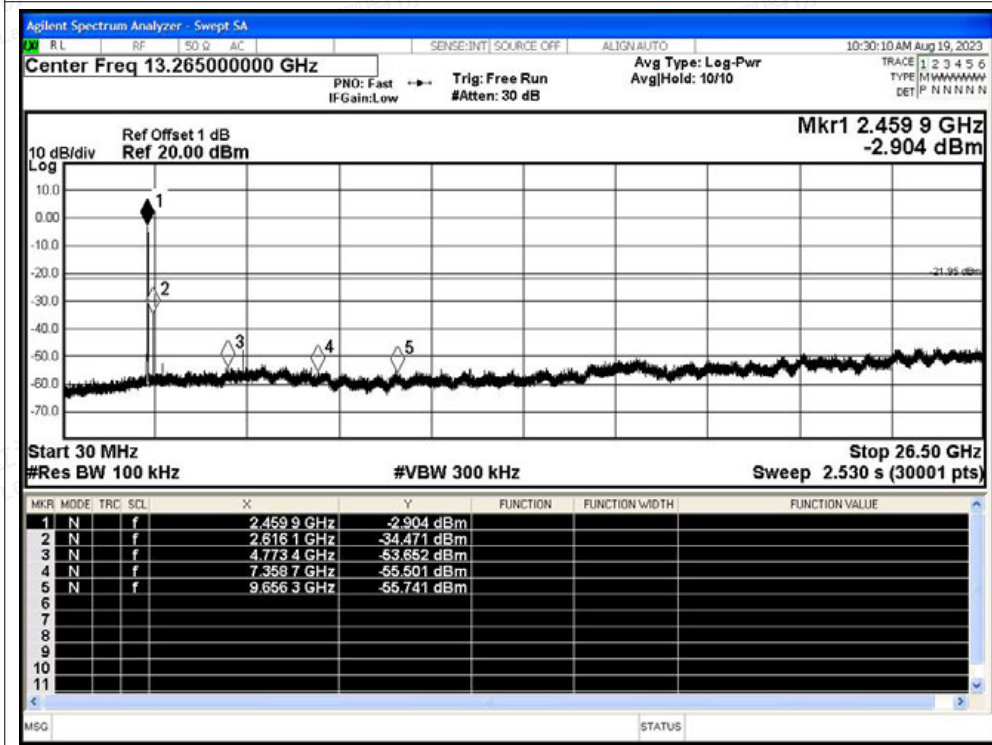




Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Tx. Spurious NVNT n20 2462MHz Ant1 Emission





## B.6 Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | b    | 2412            | Ant0    | 97.92          | 0.09                   | 0.12      |
| NVNT      | b    | 2437            | Ant0    | 97.92          | 0.09                   | 0.12      |
| NVNT      | b    | 2462            | Ant0    | 97.92          | 0.09                   | 0.12      |
| NVNT      | g    | 2412            | Ant0    | 88.9           | 0.51                   | 0.73      |
| NVNT      | g    | 2437            | Ant0    | 87.86          | 0.56                   | 0.74      |
| NVNT      | g    | 2462            | Ant0    | 88.89          | 0.51                   | 0.74      |
| NVNT      | n20  | 2412            | Ant0    | 87.1           | 0.6                    | 0.87      |
| NVNT      | n20  | 2437            | Ant0    | 82.61          | 0.83                   | 0.87      |
| NVNT      | n20  | 2462            | Ant0    | 87.12          | 0.6                    | 0.87      |

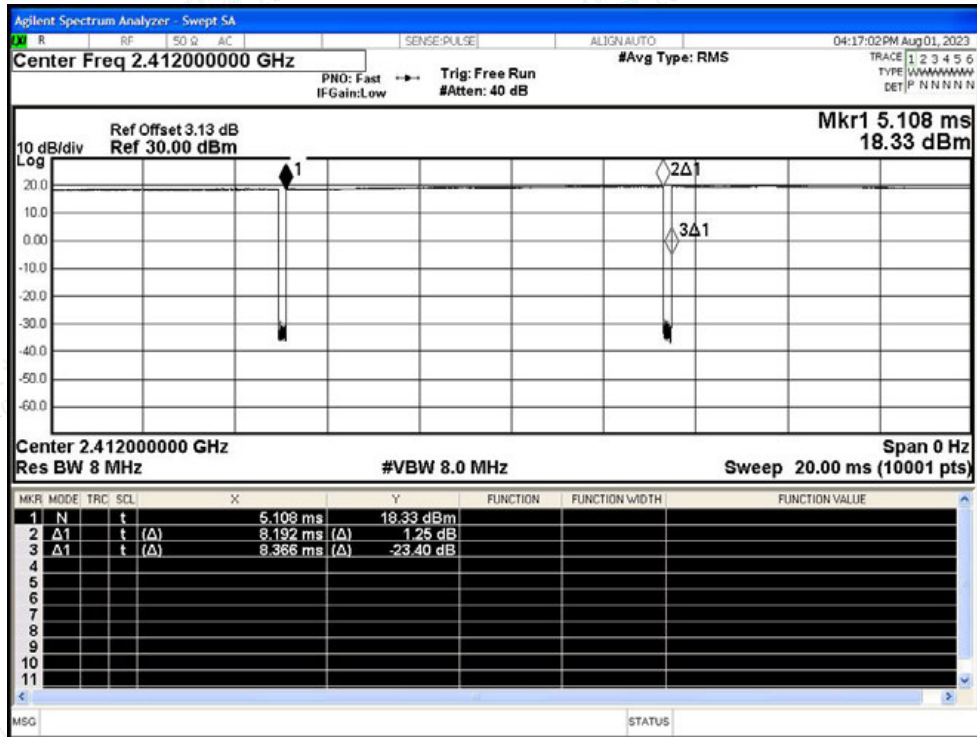


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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

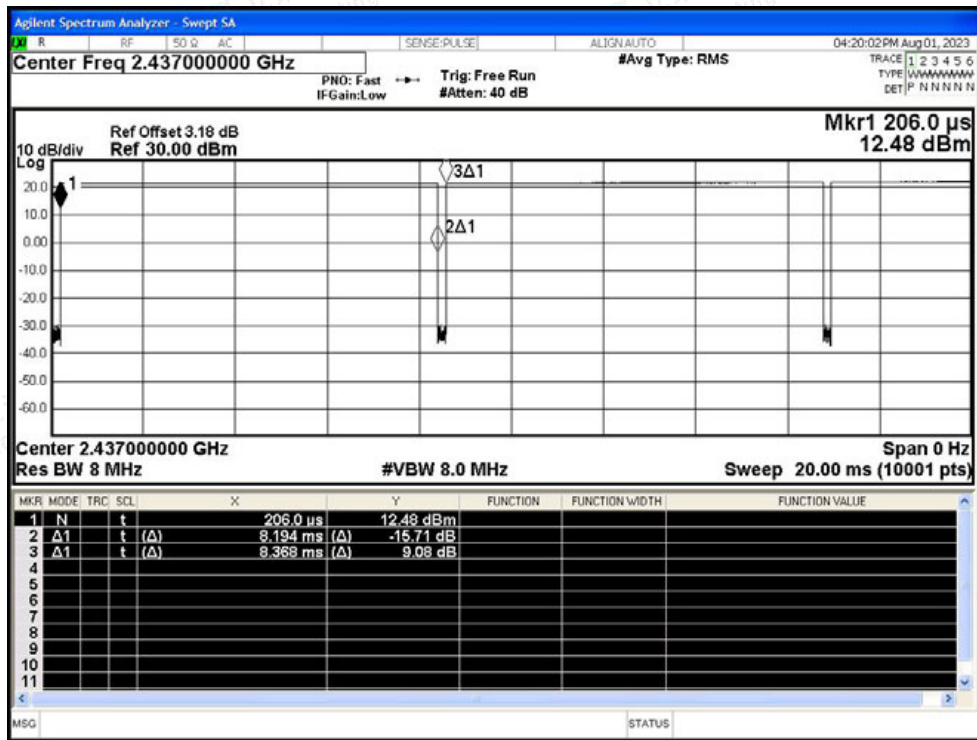


Test Graphs

Duty Cycle NVNT b 2412MHz Ant0

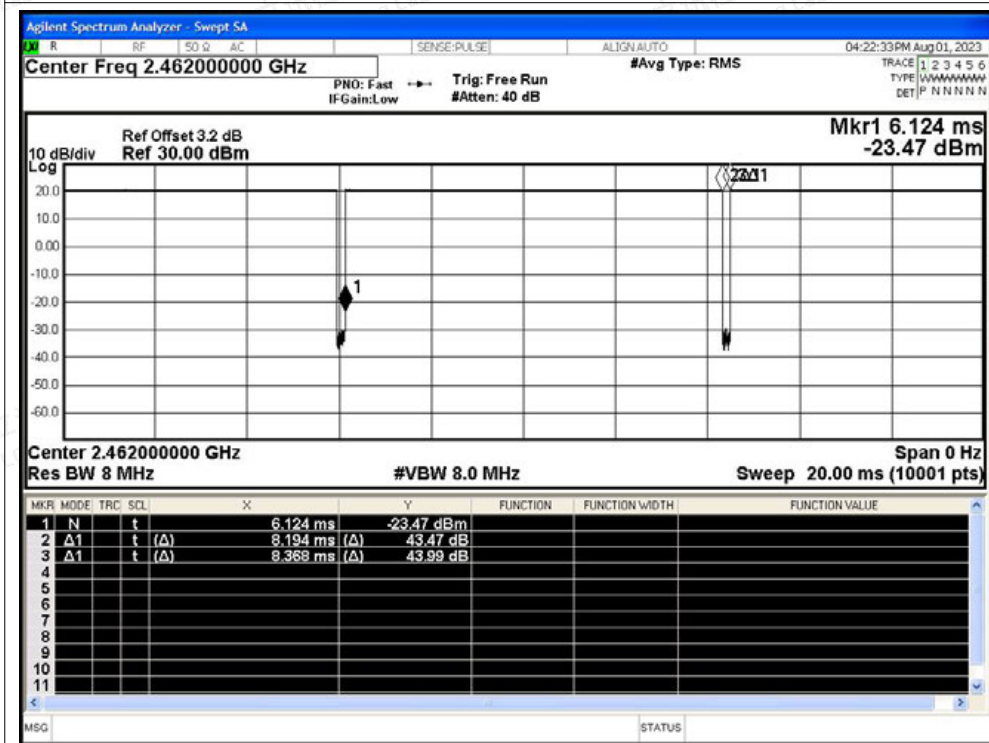


Duty Cycle NVNT b 2437MHz Ant0

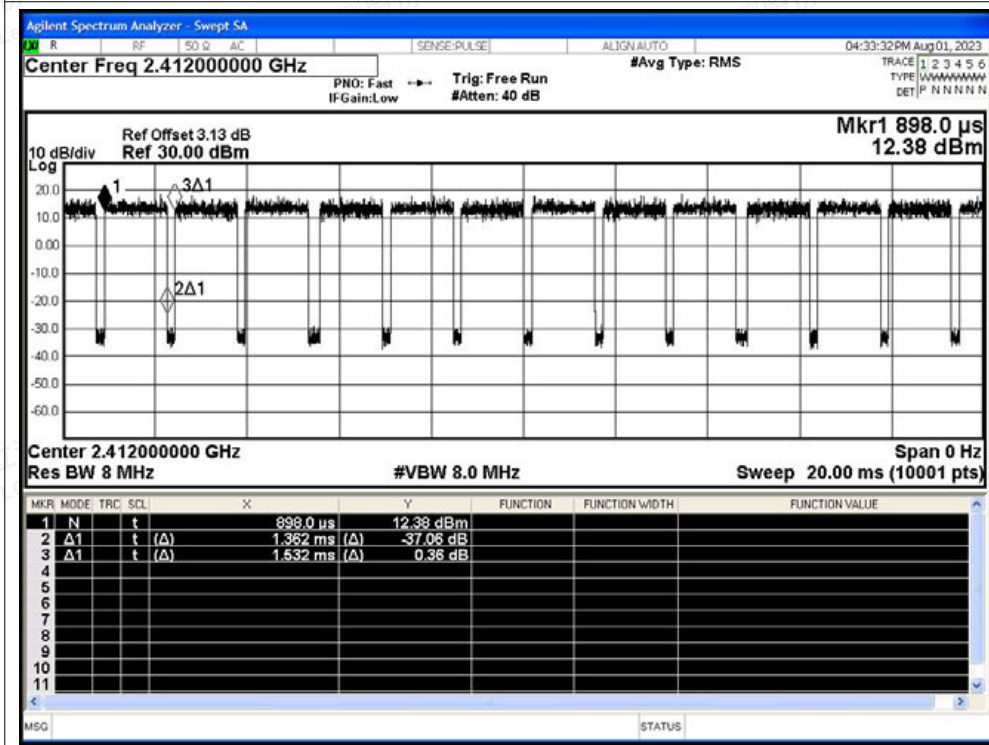




Duty Cycle NVNT b 2462MHz Ant0



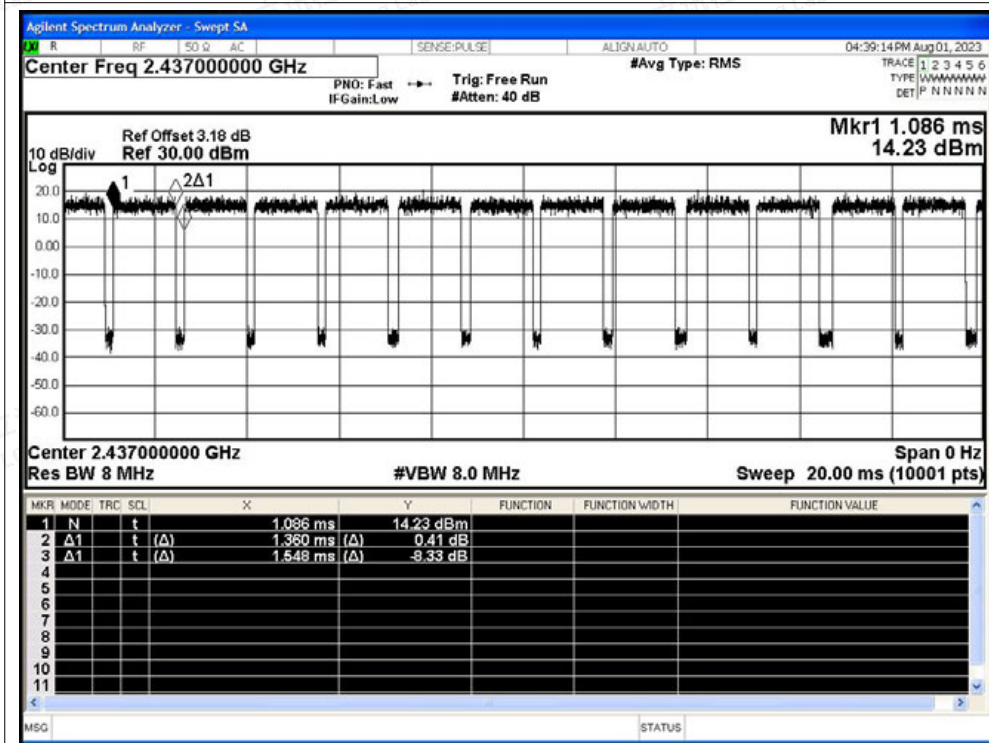
Duty Cycle NVNT g 2412MHz Ant0



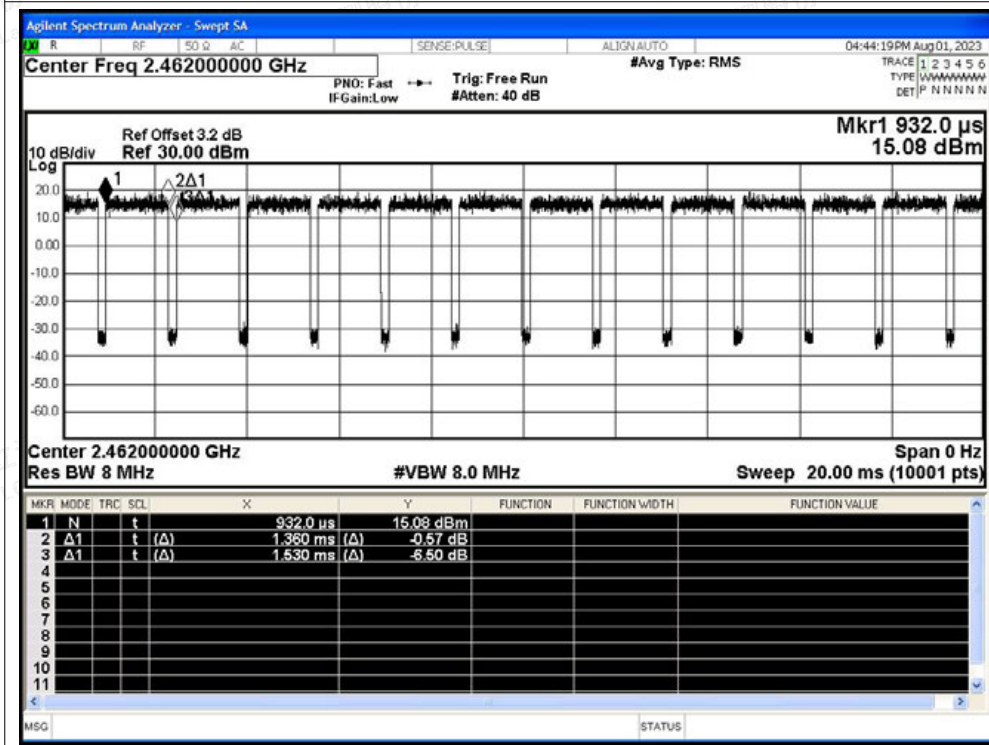




Duty Cycle NVNT g 2437MHz Ant0

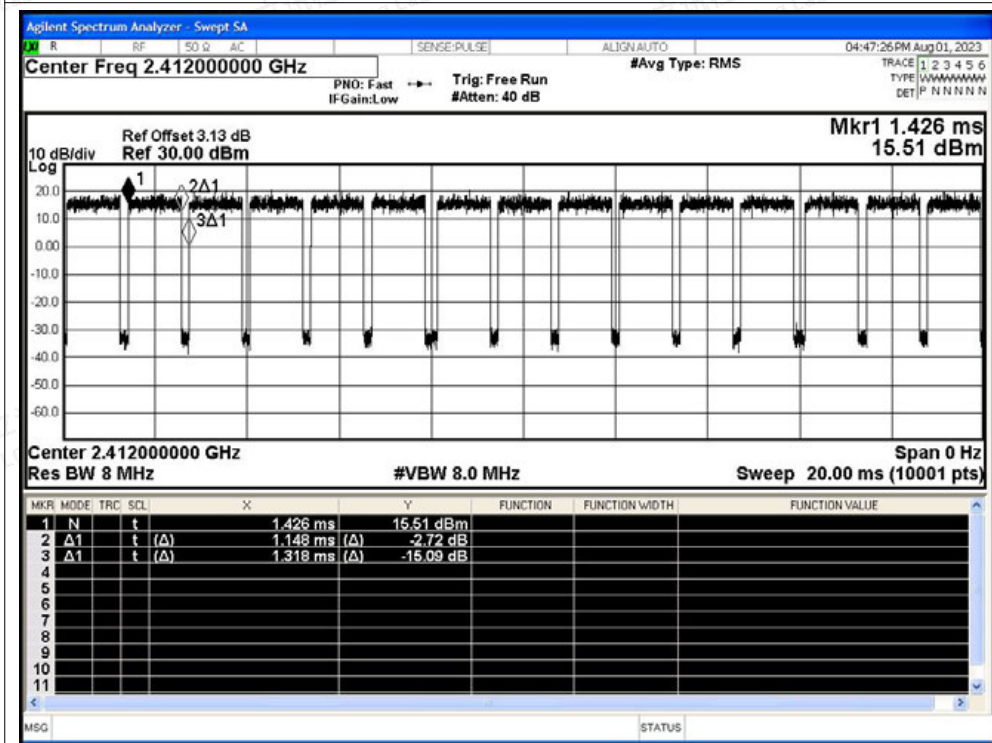


Duty Cycle NVNT g 2462MHz Ant0

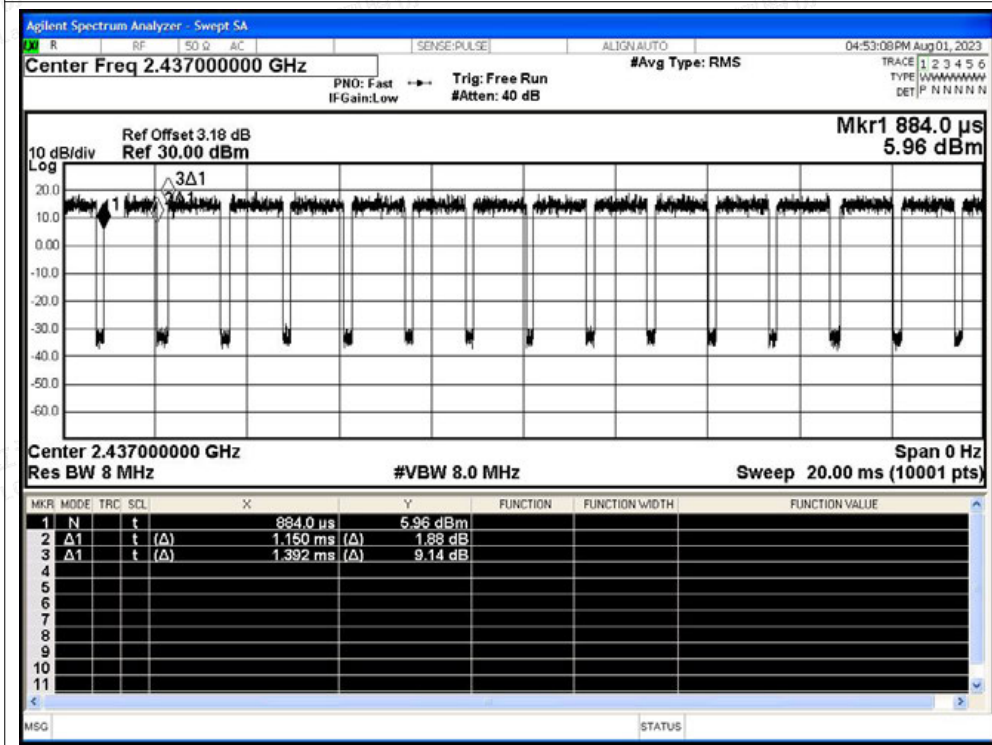


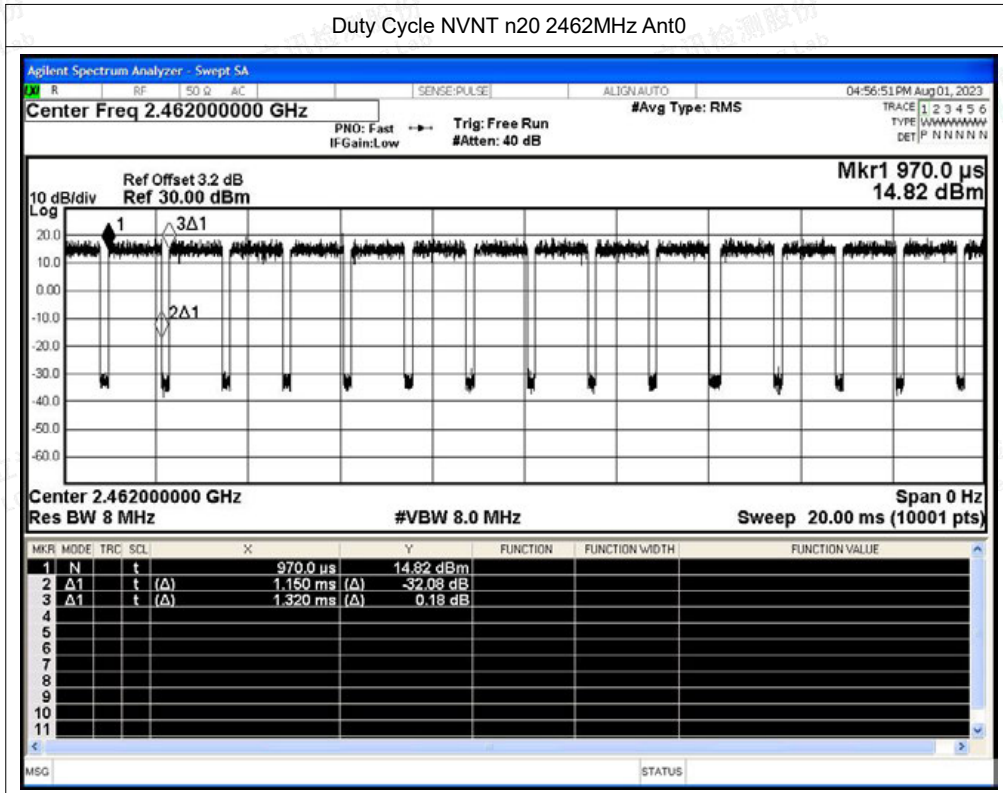


Duty Cycle NVNT n20 2412MHz Ant0



Duty Cycle NVNT n20 2437MHz Ant0





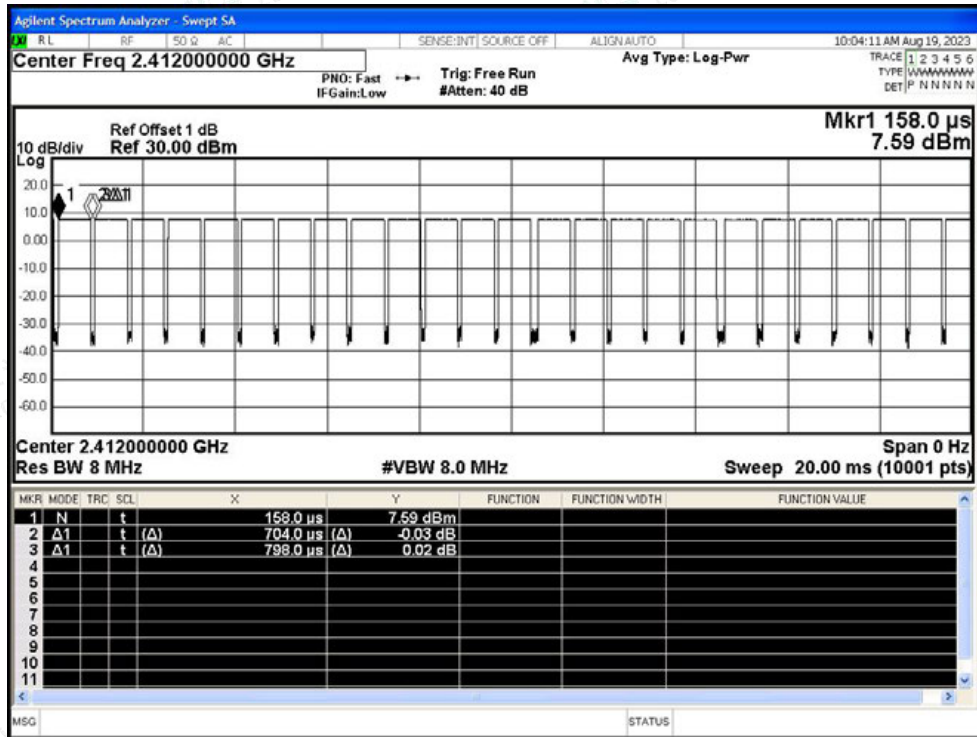
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | b    | 2412            | Ant1    | 88.22          | 0.54                   | 1.42      |
| NVNT      | b    | 2437            | Ant1    | 89.11          | 0.5                    | 1.42      |
| NVNT      | b    | 2462            | Ant1    | 89.34          | 0.49                   | 1.42      |
| NVNT      | g    | 2412            | Ant1    | 55.45          | 2.56                   | 8.93      |
| NVNT      | g    | 2437            | Ant1    | 52.83          | 2.77                   | 8.93      |
| NVNT      | g    | 2462            | Ant1    | 57.73          | 2.39                   | 8.93      |
| NVNT      | n20  | 2412            | Ant1    | 54.46          | 2.64                   | 9.09      |
| NVNT      | n20  | 2437            | Ant1    | 55.45          | 2.56                   | 8.93      |
| NVNT      | n20  | 2462            | Ant1    | 52.83          | 2.77                   | 8.93      |



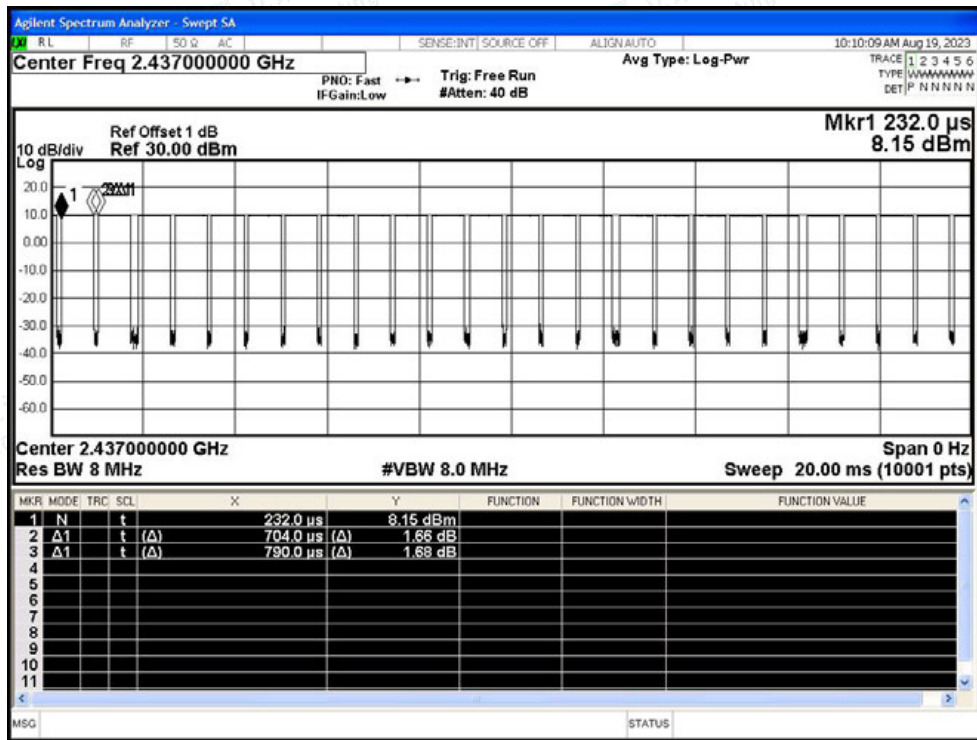


Test Graphs

Duty Cycle NVNT b 2412MHz Ant1

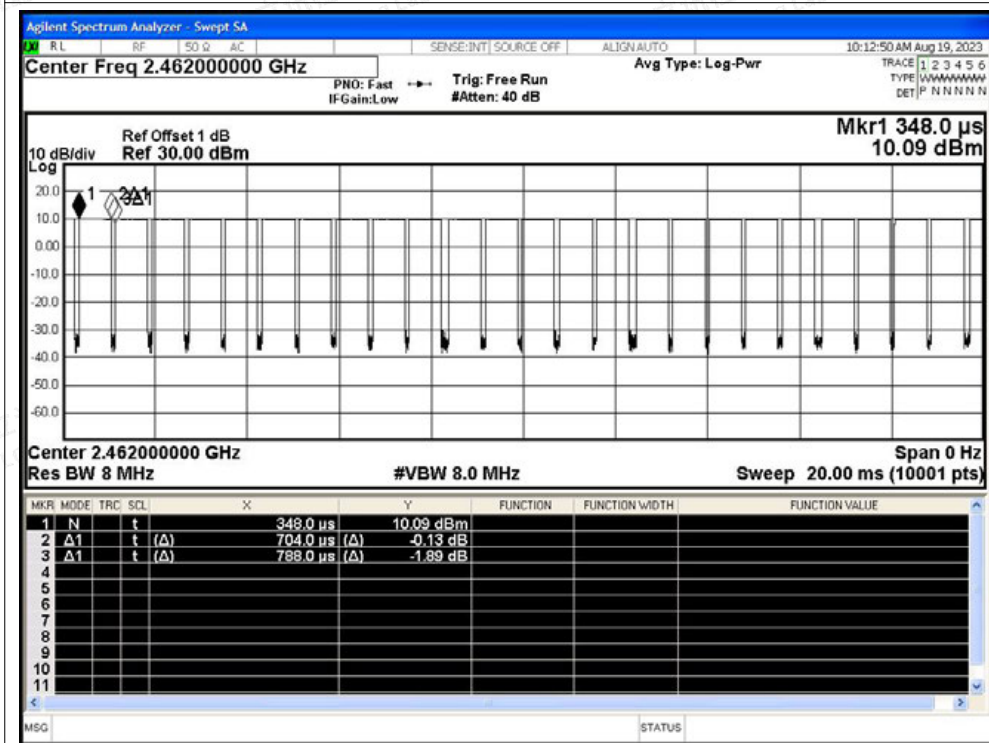


Duty Cycle NVNT b 2437MHz Ant1

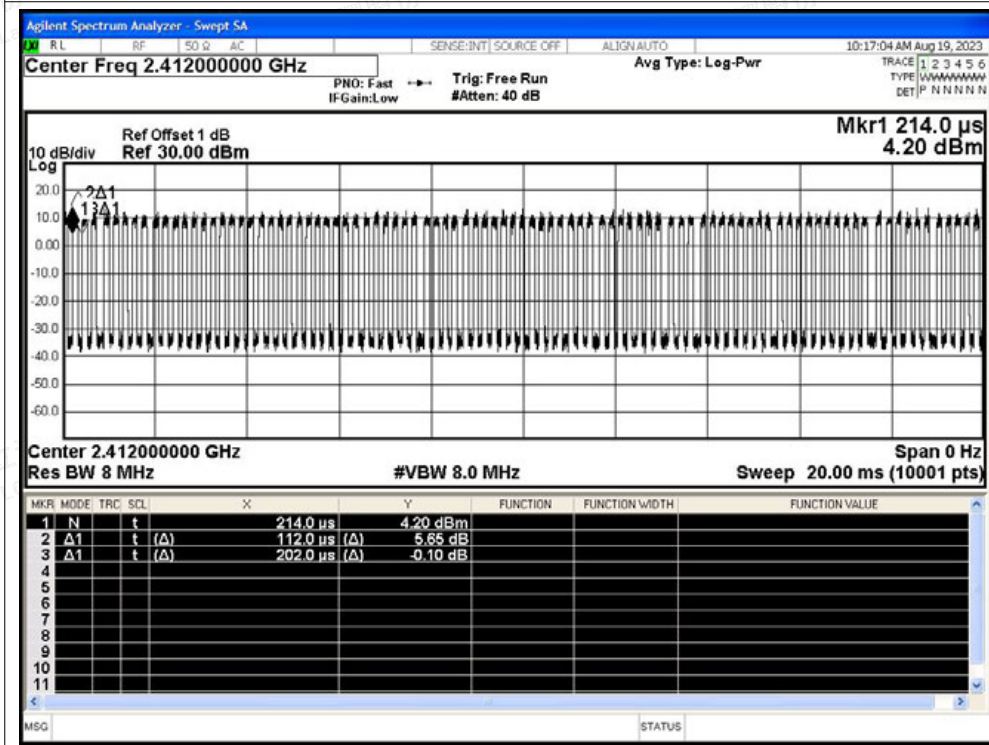




Duty Cycle NVNT b 2462MHz Ant1

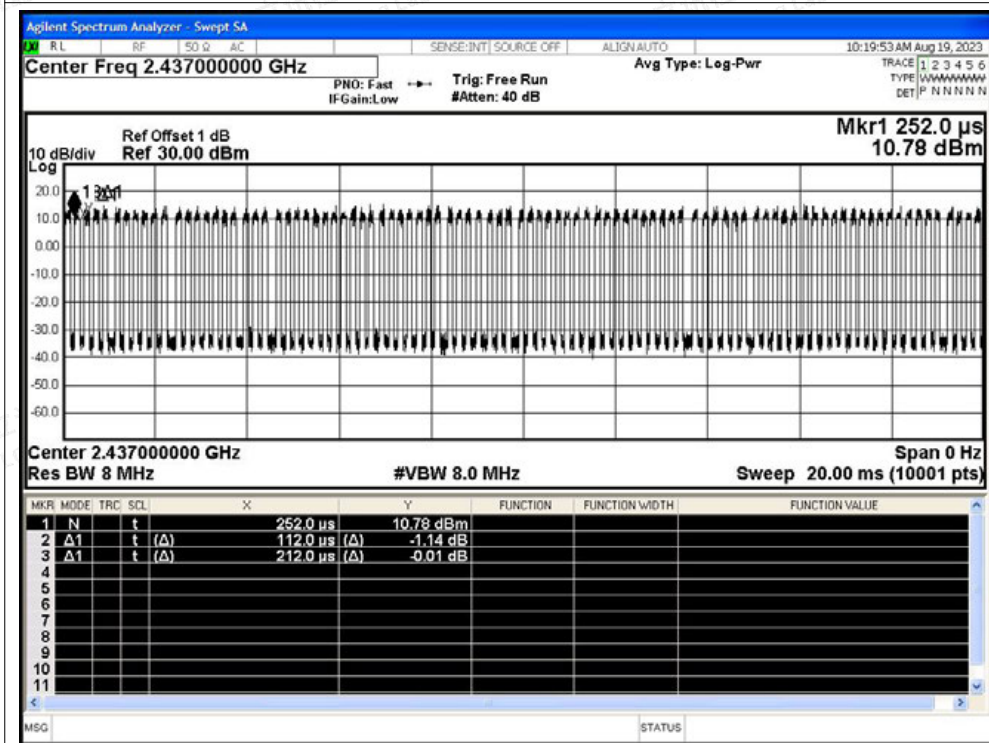


Duty Cycle NVNT g 2412MHz Ant1

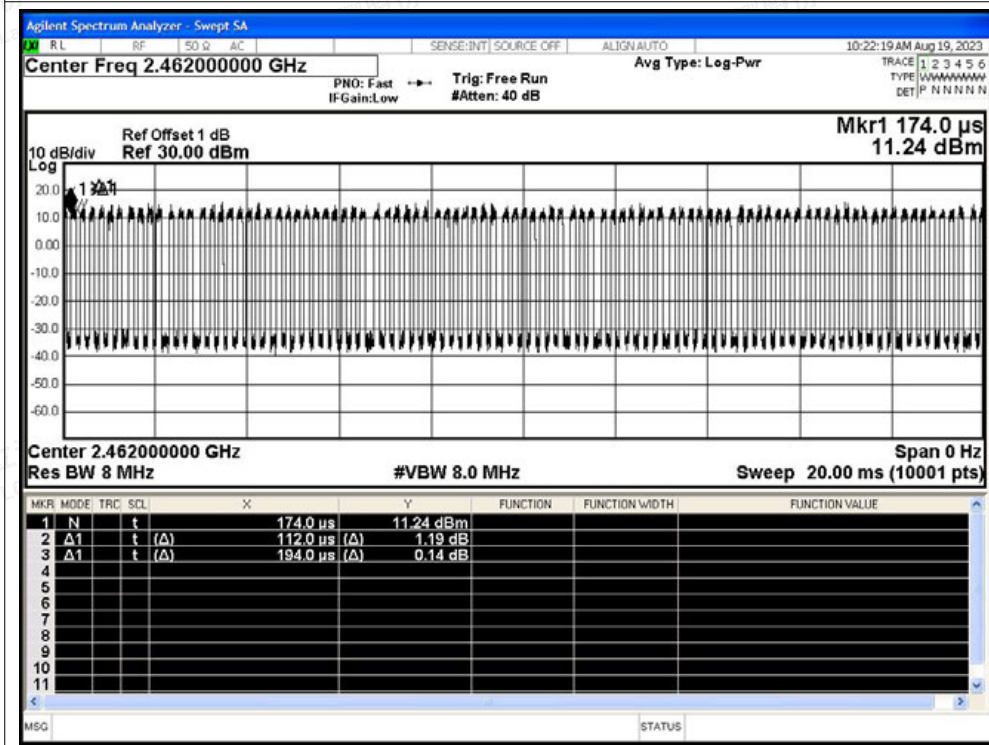




Duty Cycle NVNT g 2437MHz Ant1

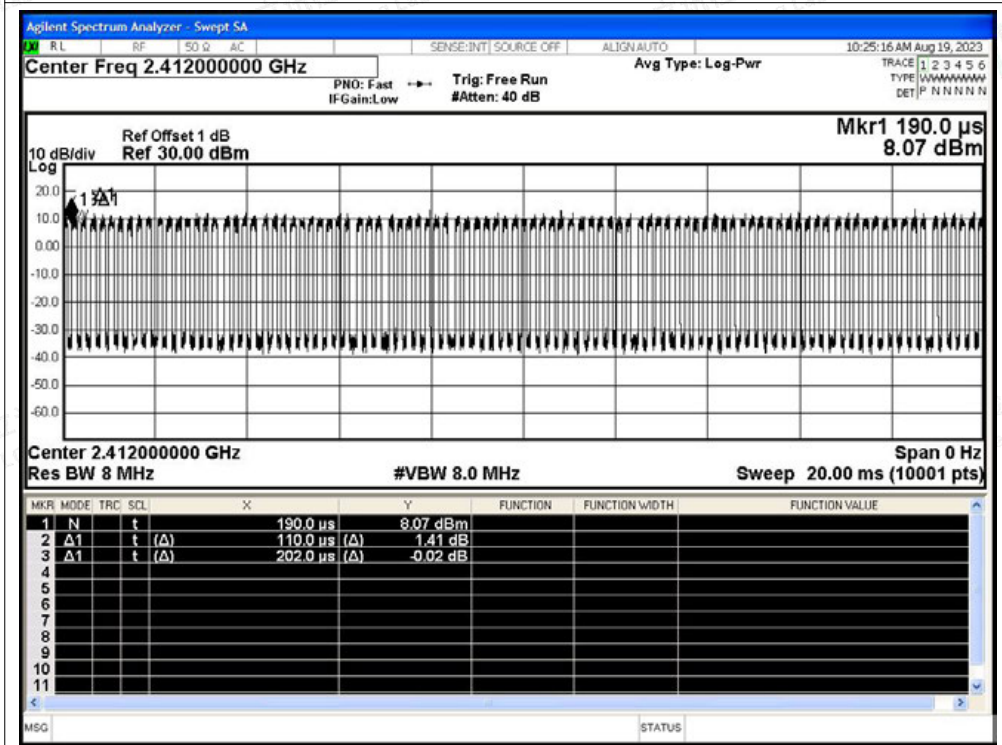


Duty Cycle NVNT g 2462MHz Ant1

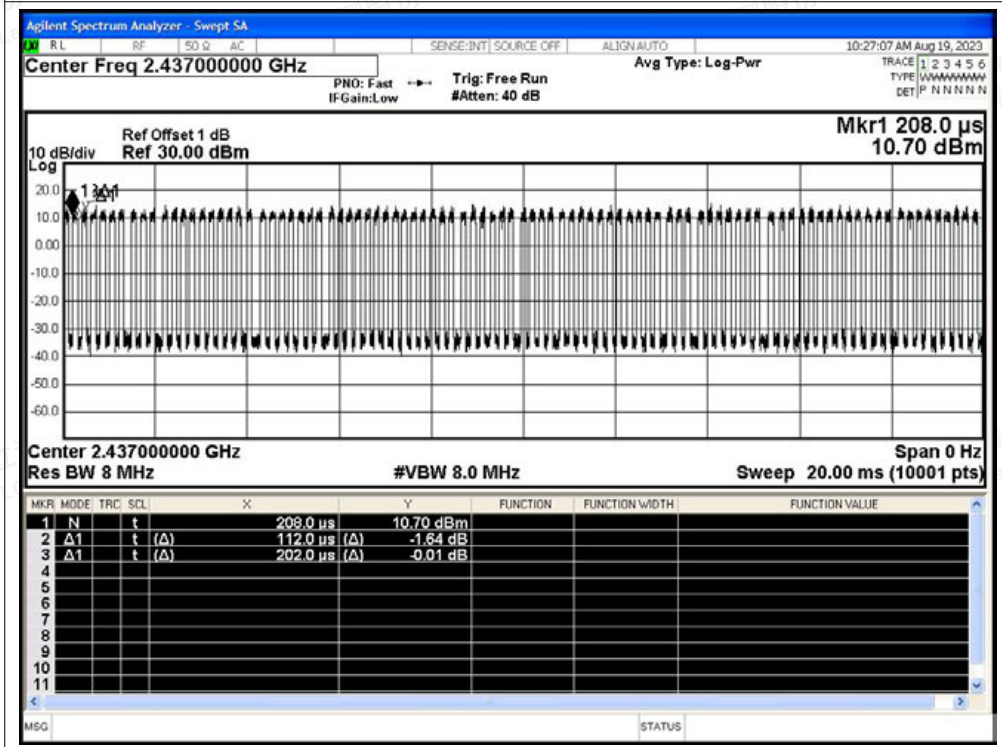




Duty Cycle NVNT n20 2412MHz Ant1

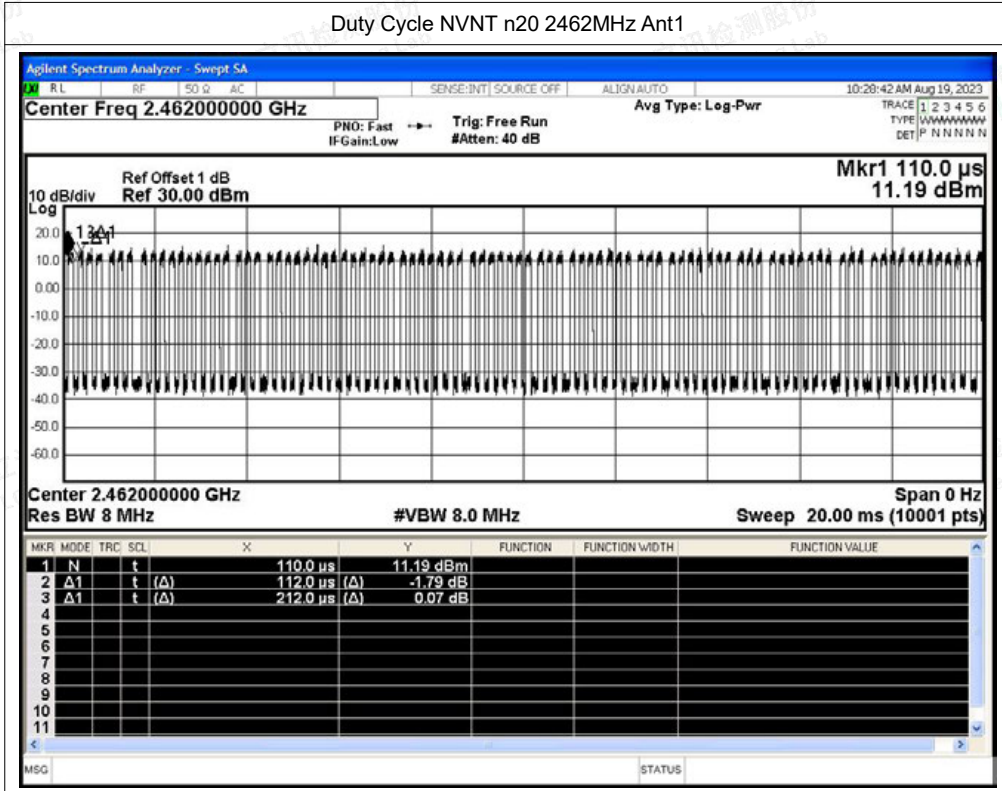


Duty Cycle NVNT n20 2437MHz Ant1





Duty Cycle NVNT n20 2462MHz Ant1







### B.7 Restrict Band

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------|----------|----------------|---------|
| NVNT      | b    | 2412            | Ant0    | 2310            | -48.82      | 2          | 48.41      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant0    | 2310            | -56.39      | 2          | 40.84      | Average  | 54             | Pass    |
| NVNT      | b    | 2412            | Ant0    | 2389.326        | -41.56      | 2          | 55.67      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant0    | 2389.326        | -47.1       | 2          | 50.13      | Average  | 54             | Pass    |
| NVNT      | b    | 2412            | Ant0    | 2390            | -41.84      | 2          | 55.39      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant0    | 2390            | -49.12      | 2          | 48.11      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant0    | 2483.5          | -43.84      | 2          | 53.39      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant0    | 2483.5          | -49.31      | 2          | 47.92      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant0    | 2491.255        | -41.54      | 2          | 55.69      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant0    | 2491.414        | -49.2       | 2          | 48.03      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant0    | 2500            | -47.62      | 2          | 49.61      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant0    | 2500            | -53.71      | 2          | 43.52      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant0    | 2310            | -49.39      | 2          | 47.84      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant0    | 2310            | -56.44      | 2          | 40.79      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant0    | 2388.39         | -37.37      | 2          | 59.86      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant0    | 2389.677        | -50.57      | 2          | 46.66      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant0    | 2390            | -38.01      | 2          | 59.22      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant0    | 2390            | -50.94      | 2          | 46.29      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant0    | 2483.5          | -32.85      | 2          | 64.38      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant0    | 2483.5          | -44.66      | 2          | 52.57      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant0    | 2484.206        | -31.32      | 2          | 65.91      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant0    | 2483.517        | -44.66      | 2          | 52.57      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant0    | 2500            | -47.46      | 2          | 49.77      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant0    | 2500            | -54.79      | 2          | 42.44      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant0    | 2310            | -47.88      | 2          | 49.35      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant0    | 2310            | -56.44      | 2          | 40.79      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant0    | 2389.911        | -33.93      | 2          | 63.30      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant0    | 2389.911        | -49.9       | 2          | 47.33      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant0    | 2390            | -36.17      | 2          | 61.06      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant0    | 2390            | -50.14      | 2          | 47.09      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant0    | 2483.5          | -31.16      | 2          | 66.07      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant0    | 2483.5          | -48.85      | 2          | 48.38      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant0    | 2483.517        | -31.16      | 2          | 66.07      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant0    | 2483.517        | -48.85      | 2          | 48.38      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant0    | 2500            | -47.63      | 2          | 49.60      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant0    | 2500            | -55.26      | 2          | 41.97      | Average  | 54             | Pass    |

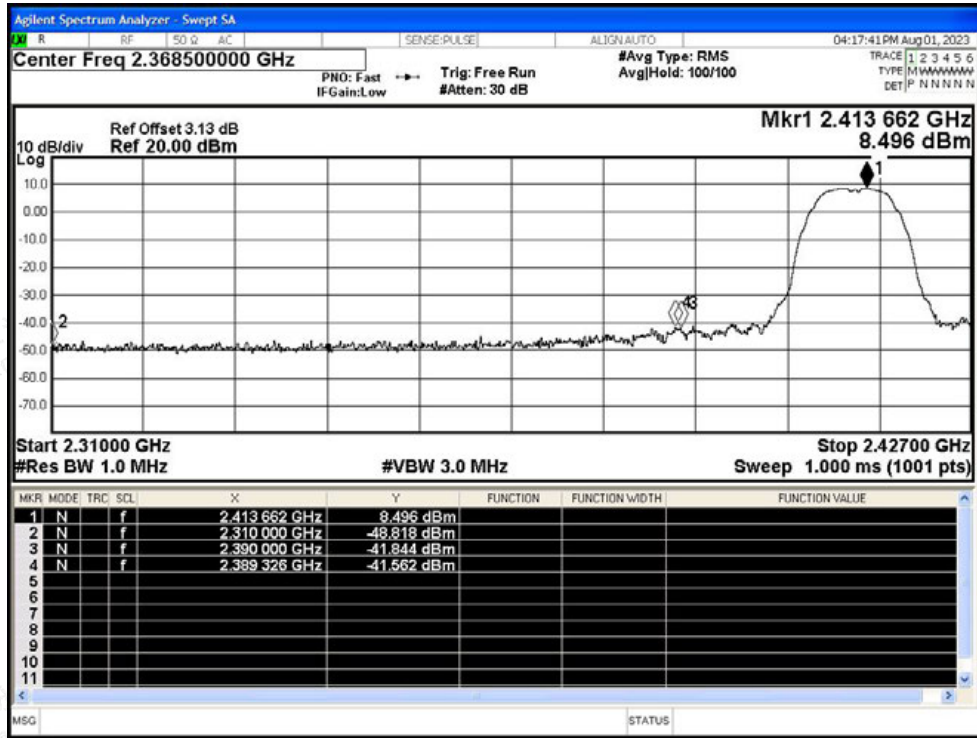


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 Scan code to check authenticity

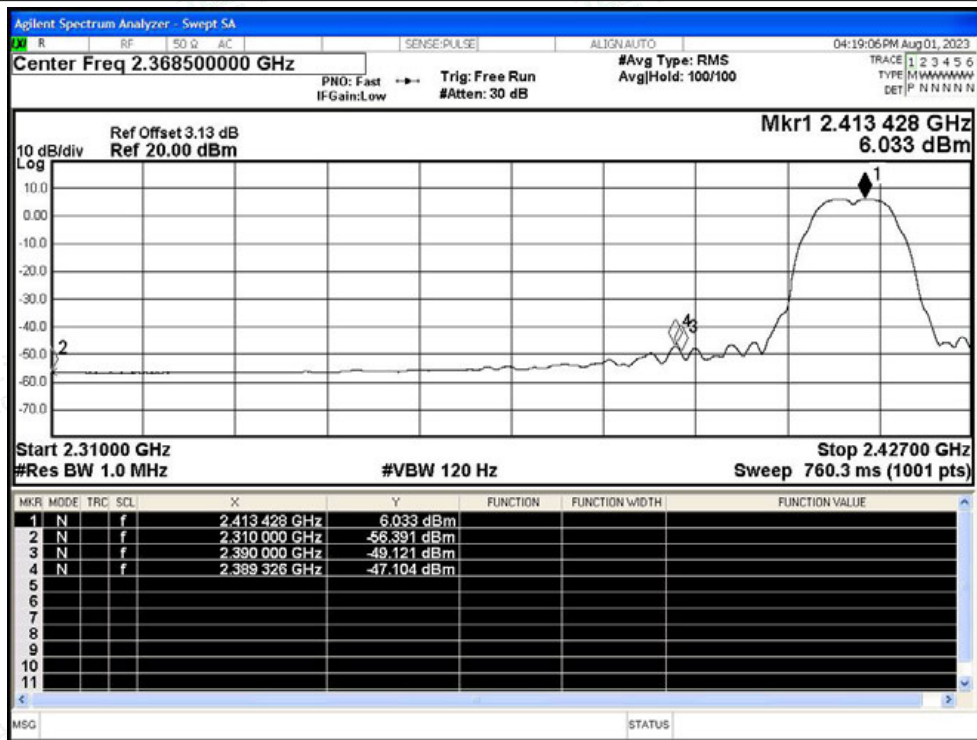


Test Graphs

Restrict Band NVNT b 2412MHz Ant0 Peak

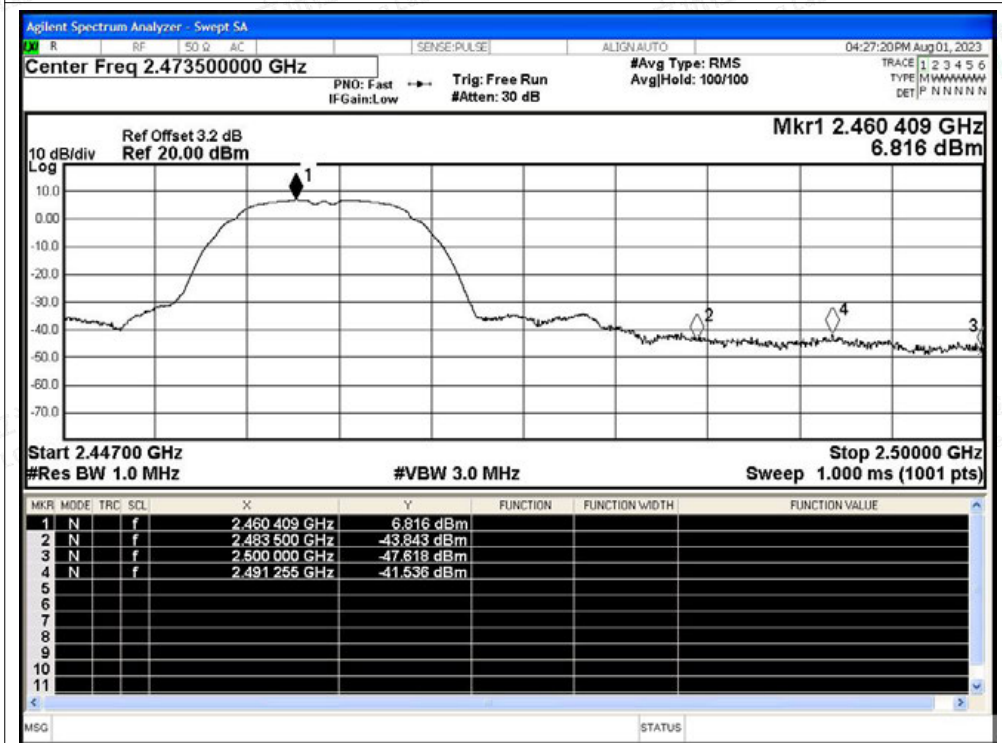


Restrict Band NVNT b 2412MHz Ant0 Average

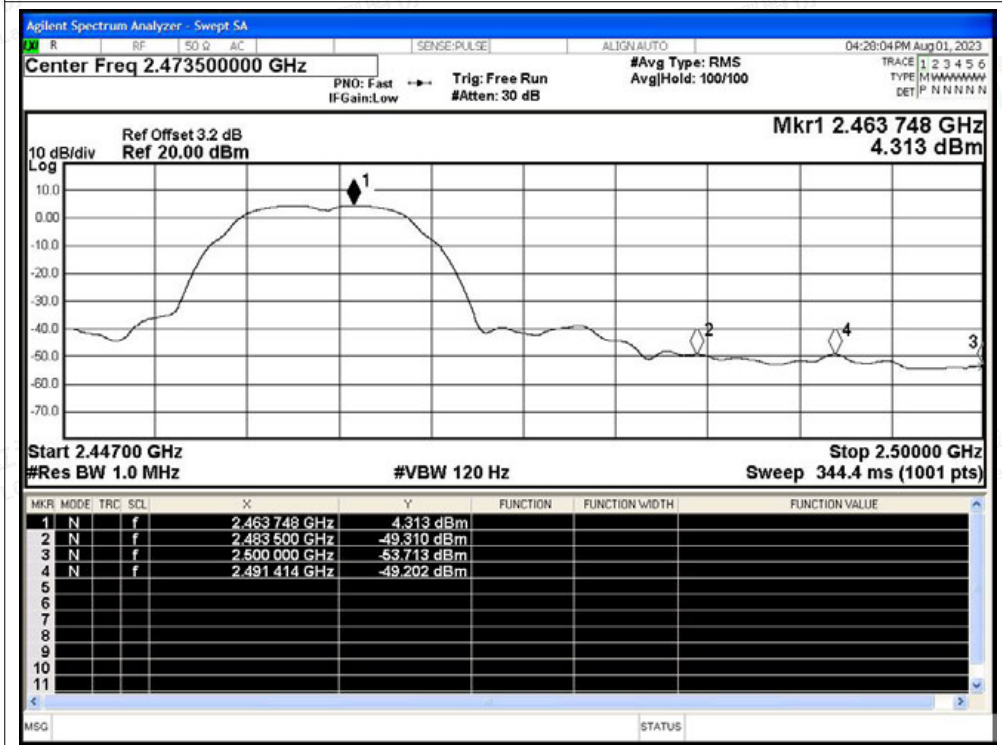




Restrict Band NVNT b 2462MHz Ant0 Peak

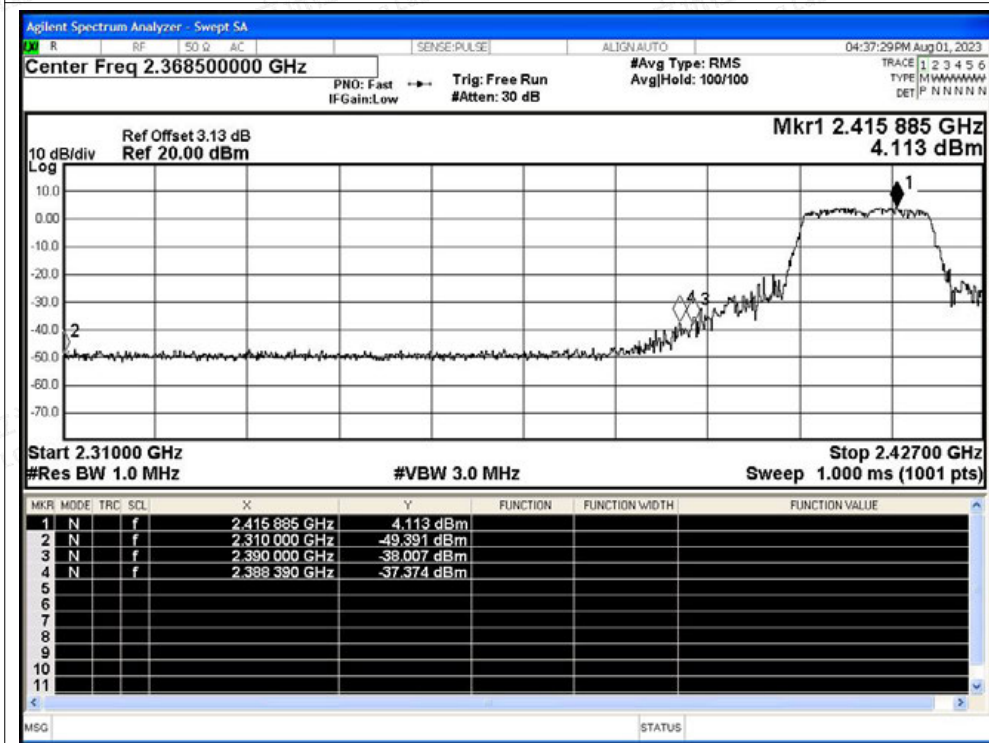


Restrict Band NVNT b 2462MHz Ant0 Average

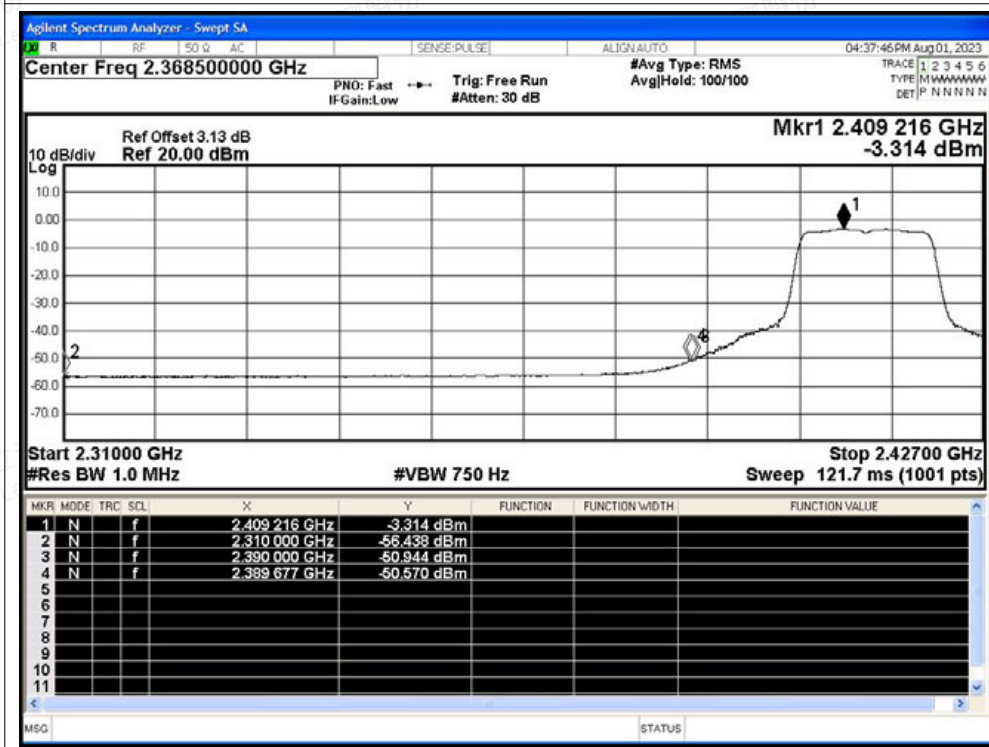




Restrict Band NVNT g 2412MHz Ant0 Peak

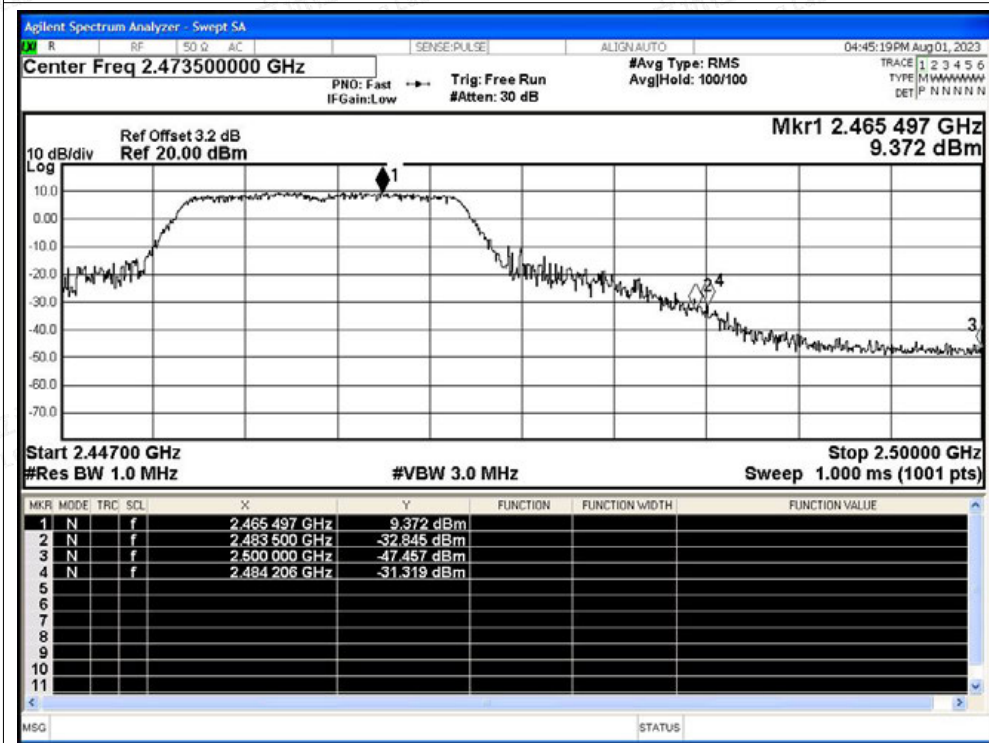


Restrict Band NVNT g 2412MHz Ant0 Average

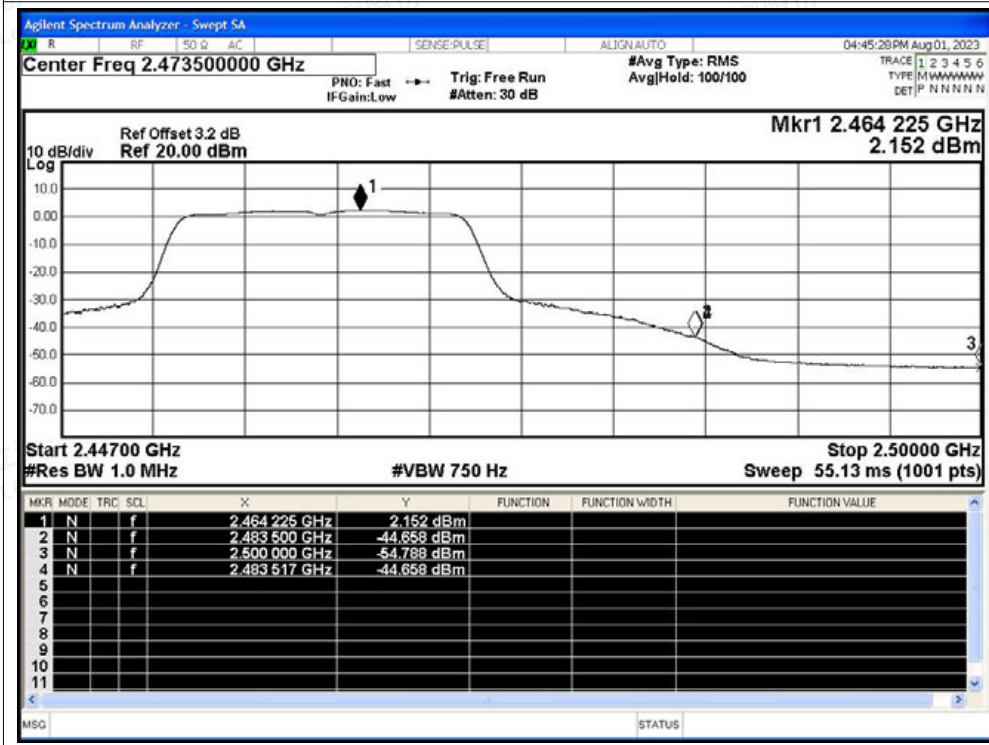




Restrict Band NVNT g 2462MHz Ant0 Peak

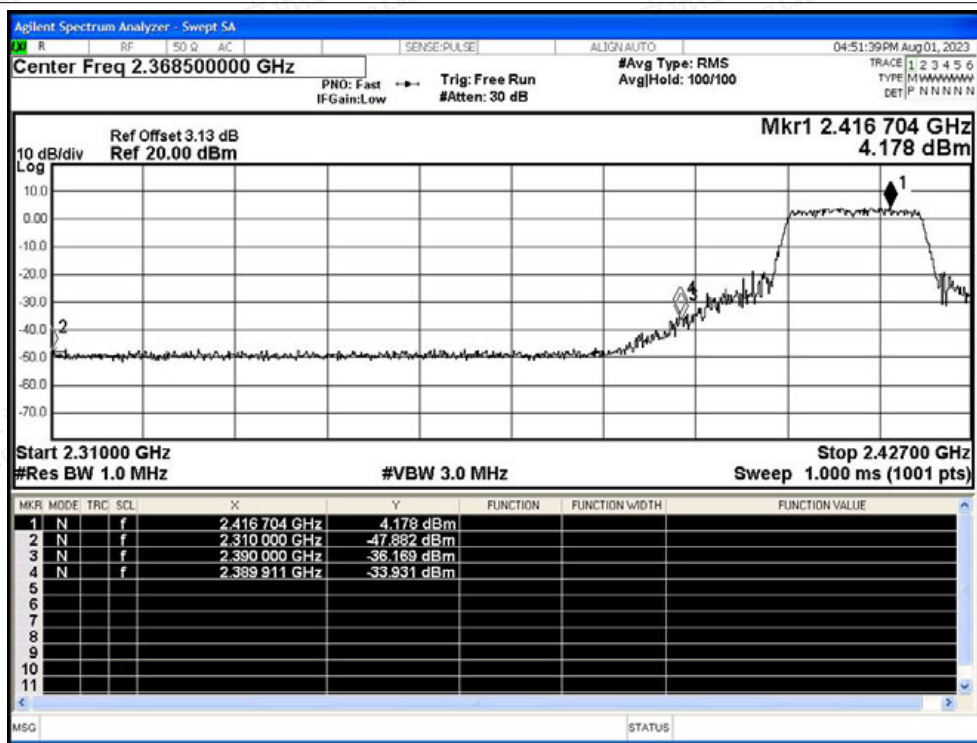


Restrict Band NVNT g 2462MHz Ant0 Average

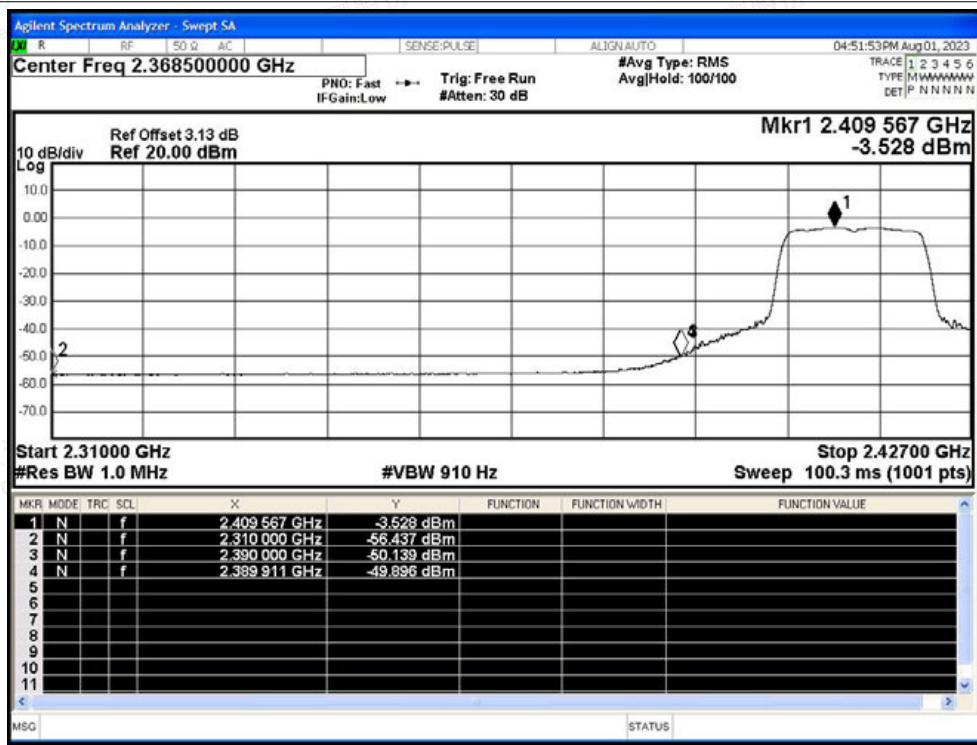




Restrict Band NVNT n20 2412MHz Ant0 Peak

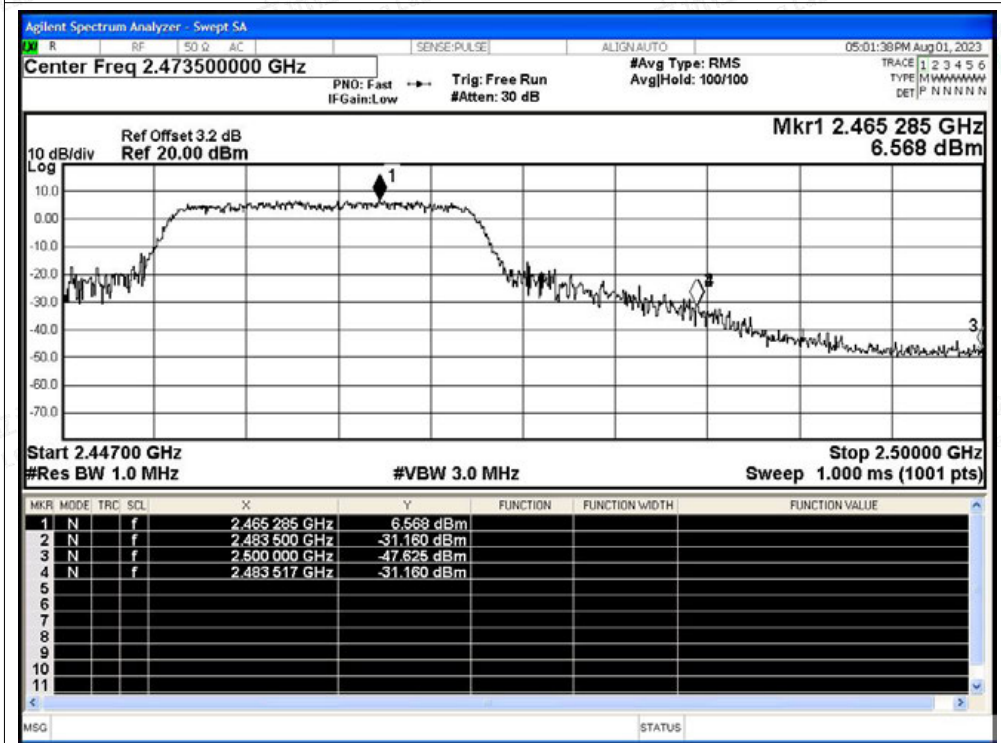


Restrict Band NVNT n20 2412MHz Ant0 Average

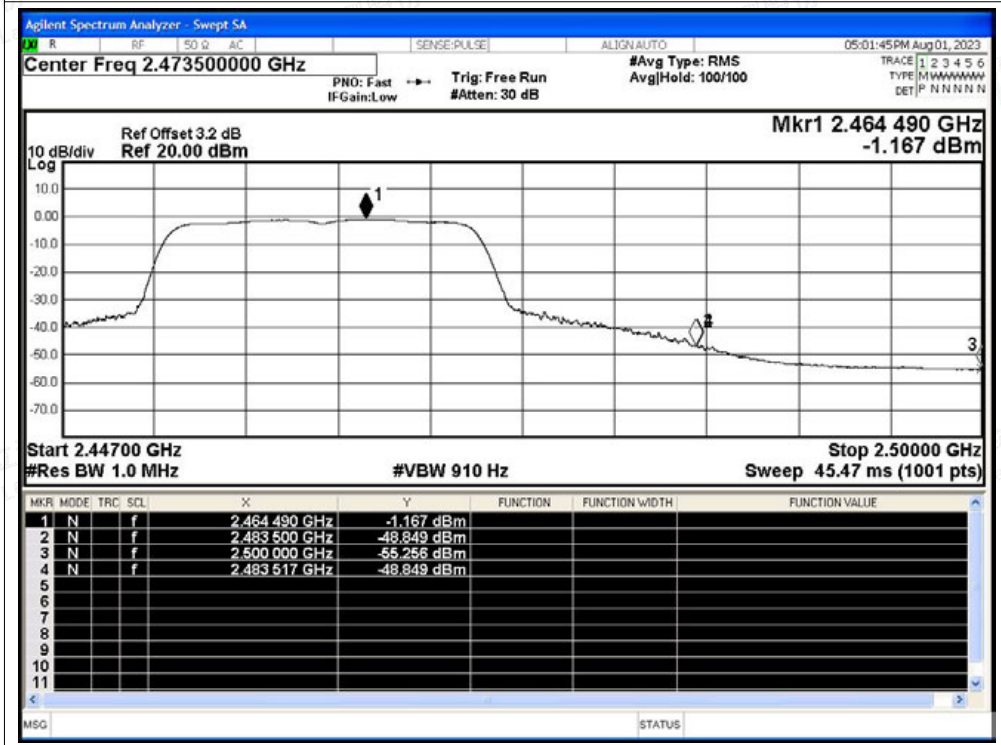




Restrict Band NVNT n20 2462MHz Ant0 Peak



Restrict Band NVNT n20 2462MHz Ant0 Average





| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------|----------|----------------|---------|
| NVNT      | b    | 2412            | Ant1    | 2310            | -49.5       | 2          | 47.73      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2310            | -60.27      | 2          | 36.96      | Average  | 54             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2379.264        | -47.78      | 2          | 49.45      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2384.529        | -58.82      | 2          | 38.41      | Average  | 54             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2390            | -51.16      | 2          | 46.07      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2390            | -59.08      | 2          | 38.15      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2483.5          | -48.75      | 2          | 48.48      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2483.5          | -58.75      | 2          | 38.48      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2487.227        | -46.77      | 2          | 50.46      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2493.958        | -57.92      | 2          | 39.31      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2500            | -50.07      | 2          | 47.16      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2500            | -59.41      | 2          | 37.82      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2310            | -51.25      | 2          | 45.98      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2310            | -59.32      | 2          | 37.91      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2389.092        | -38.22      | 2          | 59.01      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2389.56         | -55.25      | 2          | 41.98      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2390            | -42.06      | 2          | 55.17      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2390            | -55.65      | 2          | 41.58      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.5          | -35.28      | 2          | 61.95      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.5          | -53.2       | 2          | 44.03      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.782        | -28.48      | 2          | 68.75      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2484.047        | -52.35      | 2          | 44.88      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2500            | -50.63      | 2          | 46.60      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2500            | -58.04      | 2          | 39.19      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2310            | -51.73      | 2          | 45.50      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2310            | -59.25      | 2          | 37.98      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2388.741        | -35.03      | 2          | 62.20      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2389.677        | -54.93      | 2          | 42.30      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2390            | -46.35      | 2          | 50.88      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2390            | -55.19      | 2          | 42.04      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.5          | -36.78      | 2          | 60.45      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.5          | -53.74      | 2          | 43.49      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2486.008        | -32.78      | 2          | 64.45      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.729        | -53.4       | 2          | 43.83      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2500            | -49.4       | 2          | 47.83      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2500            | -58.47      | 2          | 38.76      | Average  | 54             | Pass    |



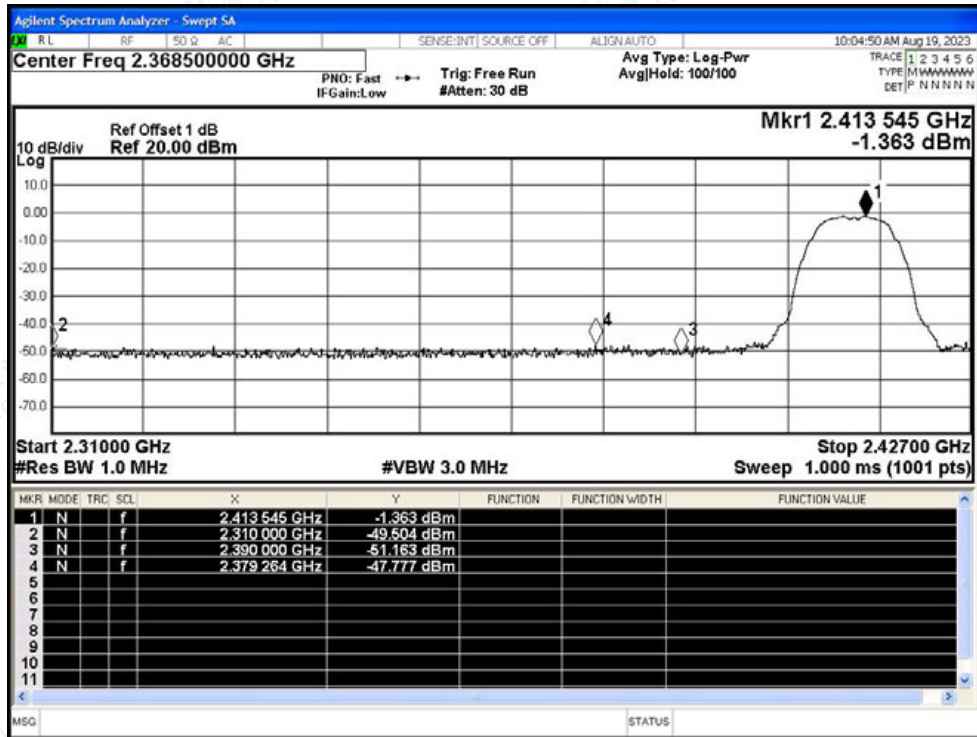
Shenzhen LCS Compliance Testing Laboratory Ltd.  
 Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
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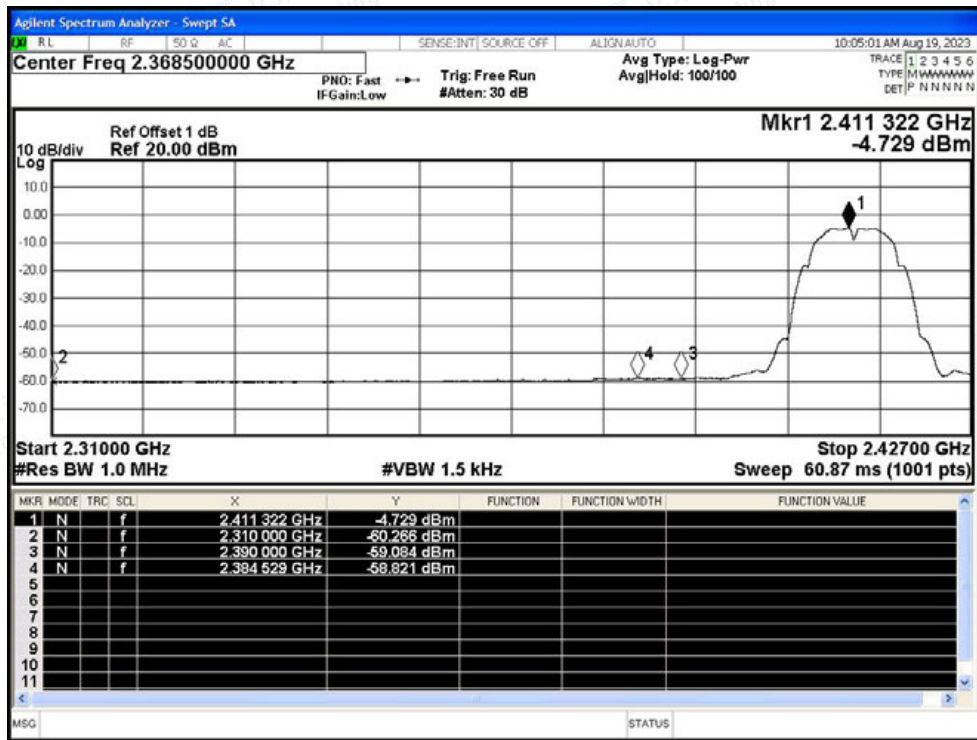


Test Graphs

Restrict Band NVNT b 2412MHz Ant1 Peak

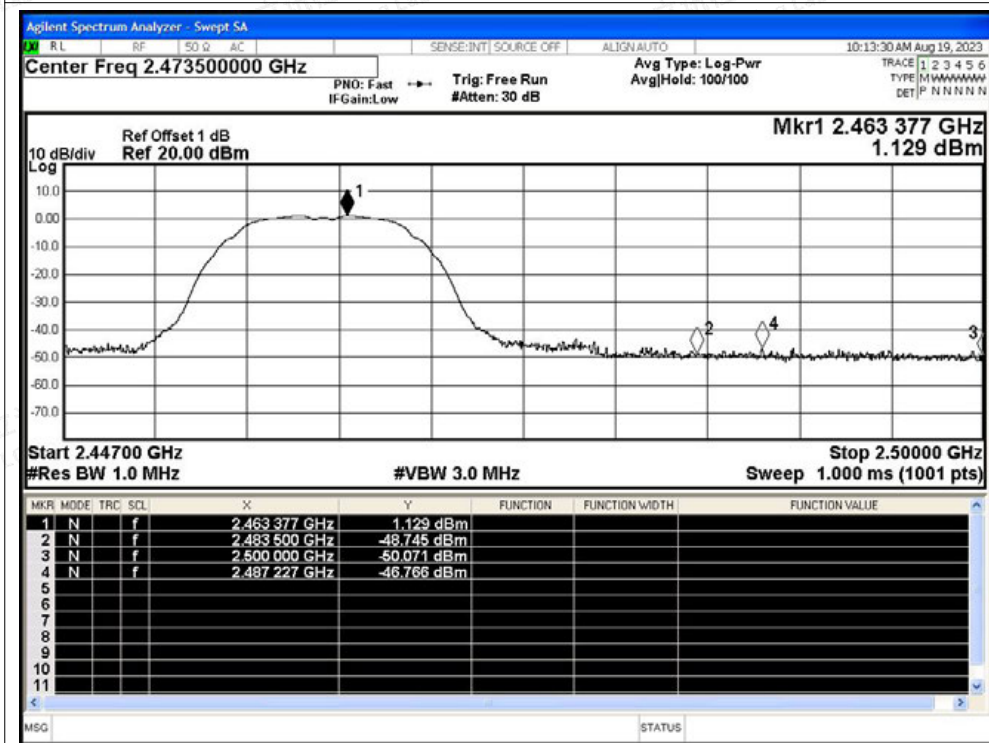


Restrict Band NVNT b 2412MHz Ant1 Average

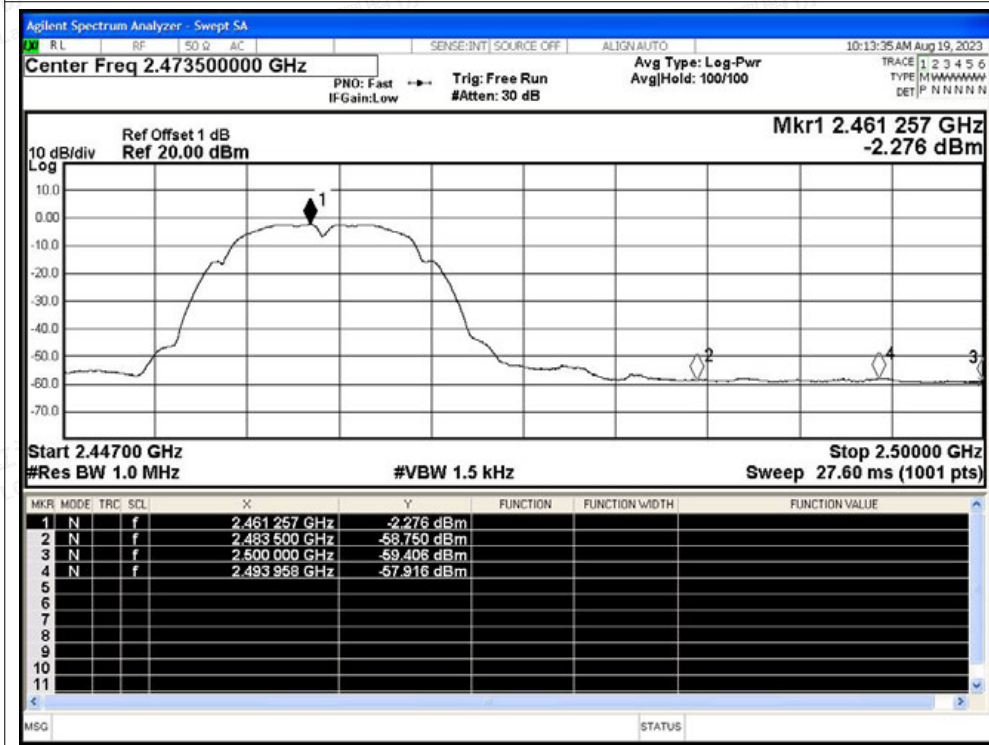




Restrict Band NVNT b 2462MHz Ant1 Peak

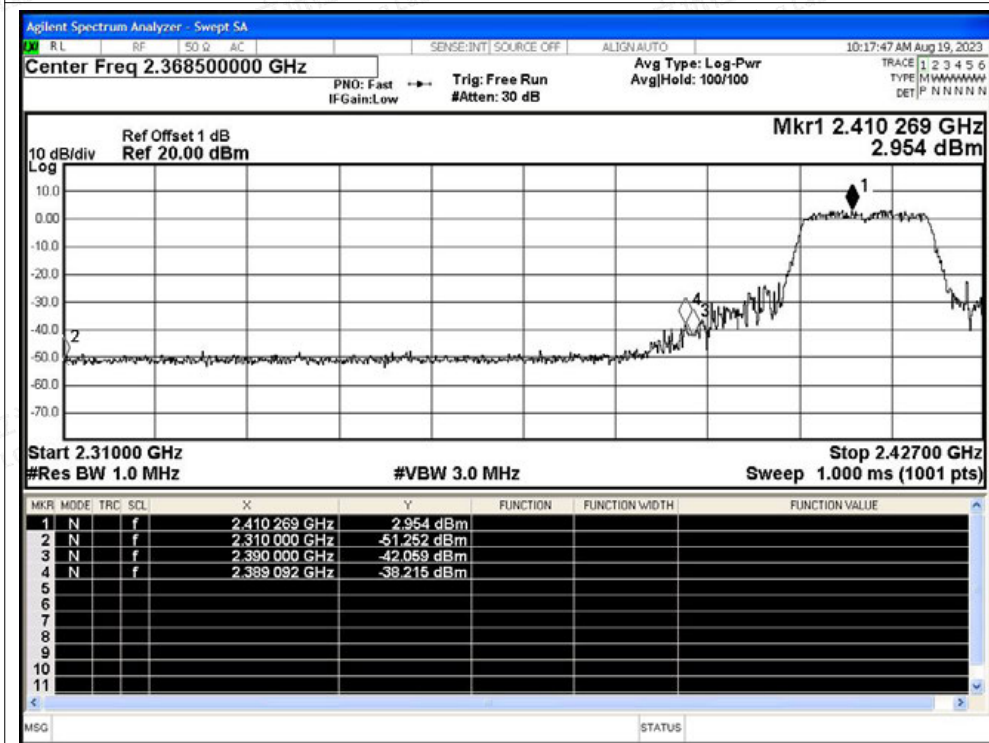


Restrict Band NVNT b 2462MHz Ant1 Average

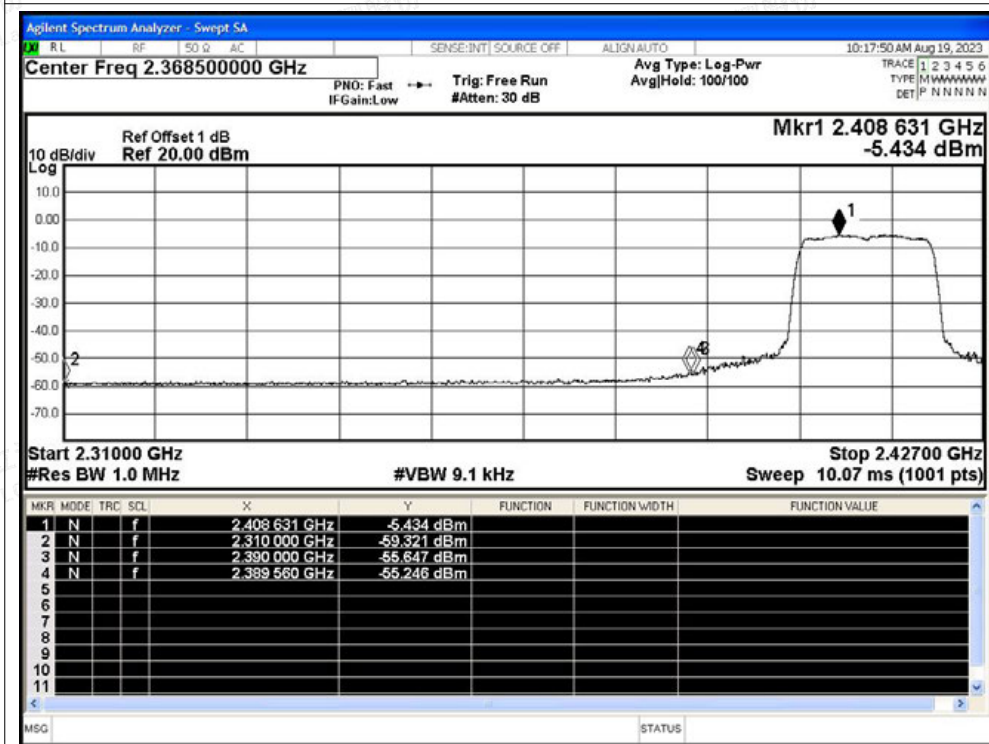




Restrict Band NVNT g 2412MHz Ant1 Peak

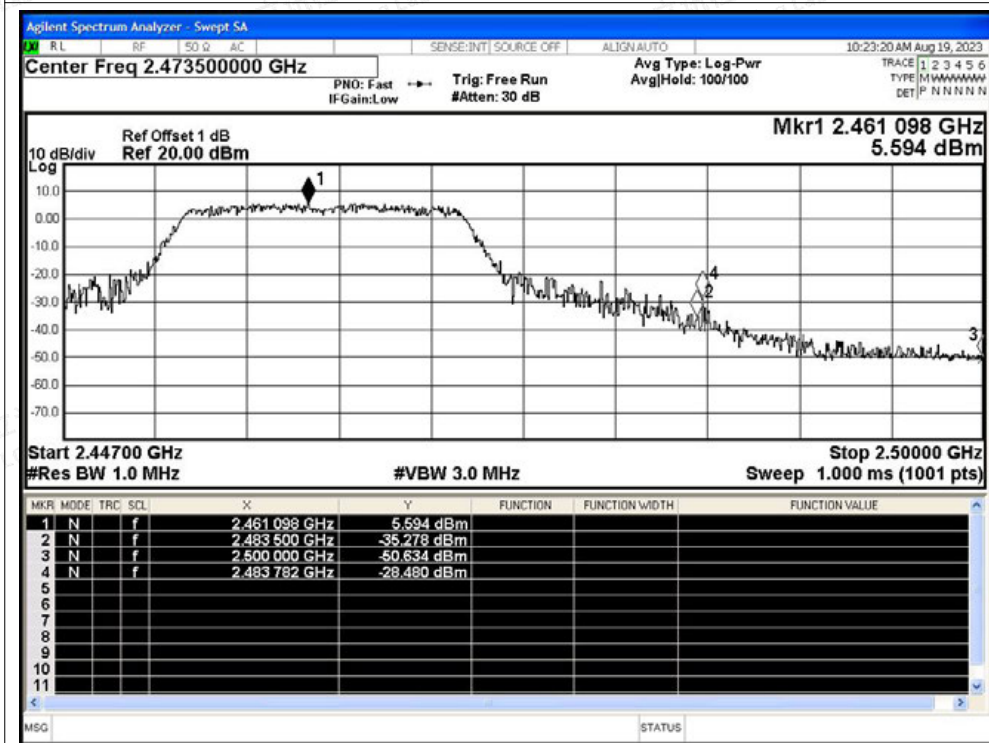


Restrict Band NVNT g 2412MHz Ant1 Average

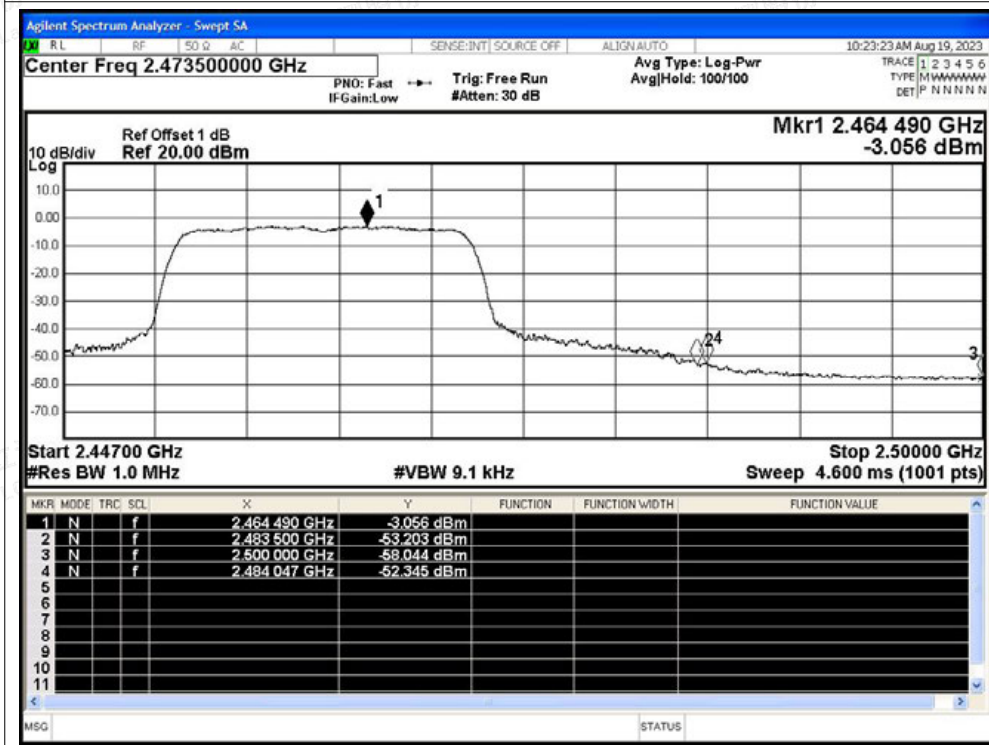




Restrict Band NVNT g 2462MHz Ant1 Peak

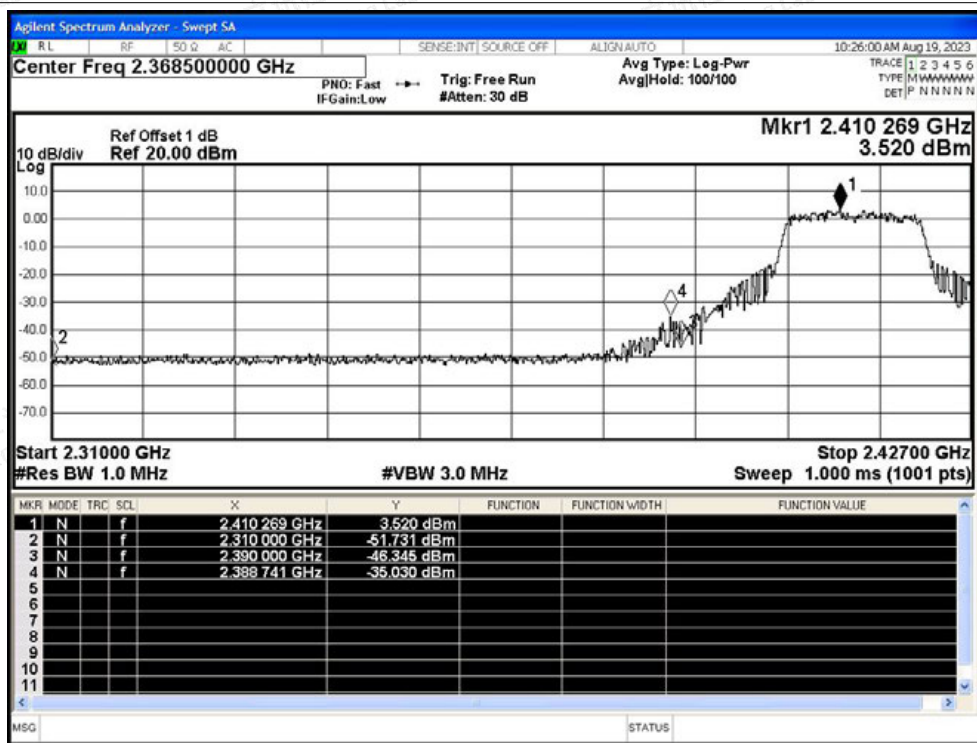


Restrict Band NVNT g 2462MHz Ant1 Average

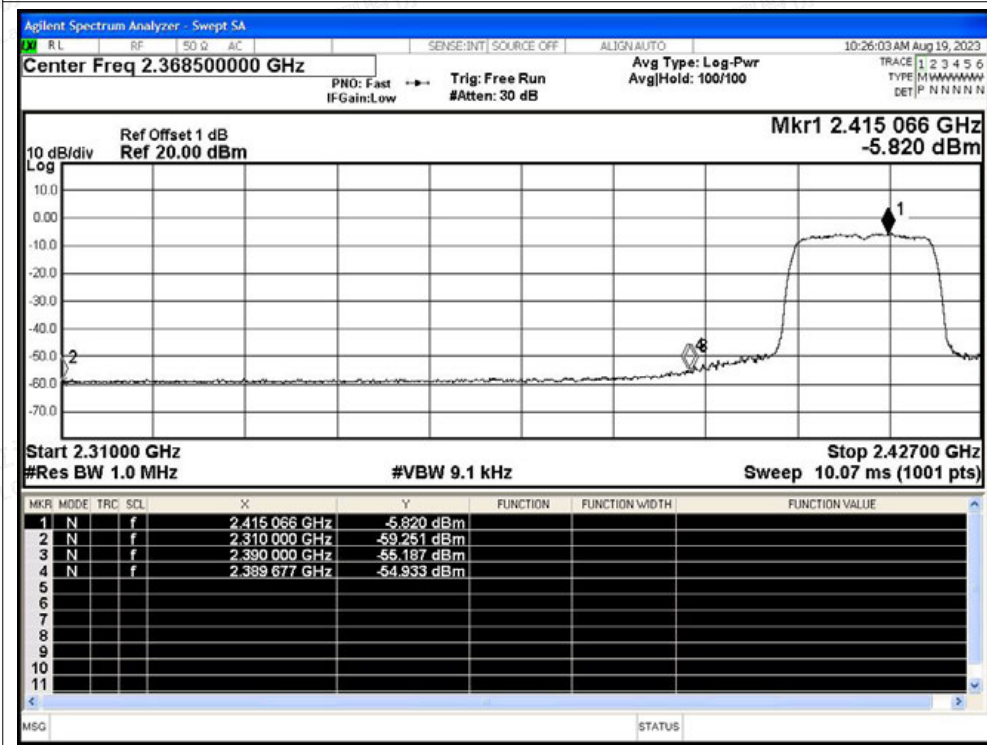




Restrict Band NVNT n20 2412MHz Ant1 Peak

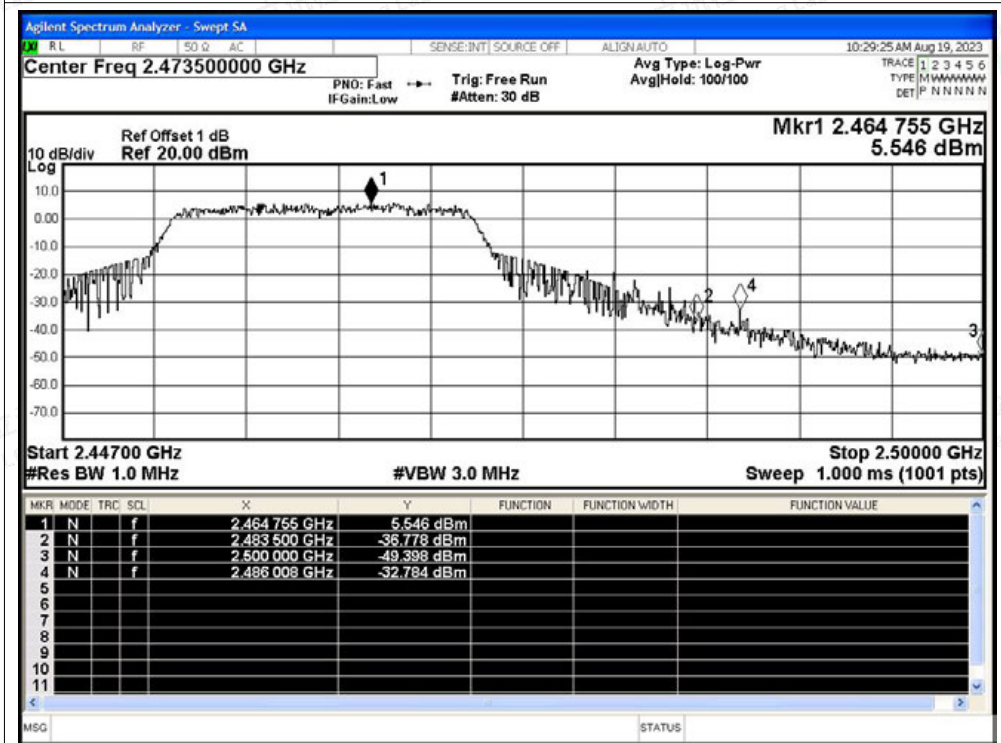


Restrict Band NVNT n20 2412MHz Ant1 Average

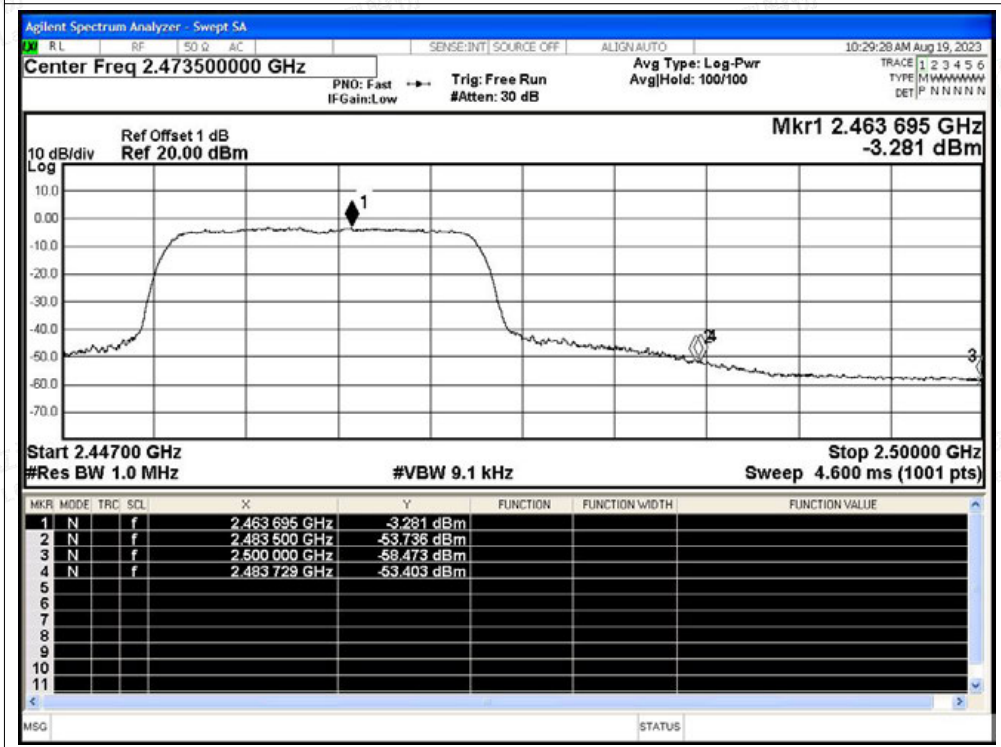




Restrict Band NVNT n20 2462MHz Ant1 Peak



Restrict Band NVNT n20 2462MHz Ant1 Average





MIMO

| Condition | Mode | Frequency (MHz) | Ant0 Power (dBm) | Ant1 Power (dBm) | Gain (dBi) | Total E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|------------------|------------------|------------|------------------|----------|----------------|---------|
| NVNT      | n20  | 2412            | -47.88           | -51.73           | 4.74       | 53.59            | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | -56.44           | -59.25           | 4.74       | 45.36            | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | -33.93           | -35.03           | 4.74       | 68.54            | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | -49.9            | -54.93           | 4.74       | 51.26            | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | -36.17           | -46.35           | 4.74       | 64.20            | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | -50.14           | -55.19           | 4.74       | 51.01            | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | -31.16           | -36.78           | 4.74       | 69.86            | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | -48.85           | -53.74           | 4.74       | 52.34            | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | -31.16           | -32.78           | 4.74       | 71.09            | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | -48.85           | -53.4            | 4.74       | 52.43            | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | -47.63           | -49.4            | 4.74       | 54.55            | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | -55.26           | -58.47           | 4.74       | 46.41            | Average  | 54             | Pass    |



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