

## Appendix: 2.4G

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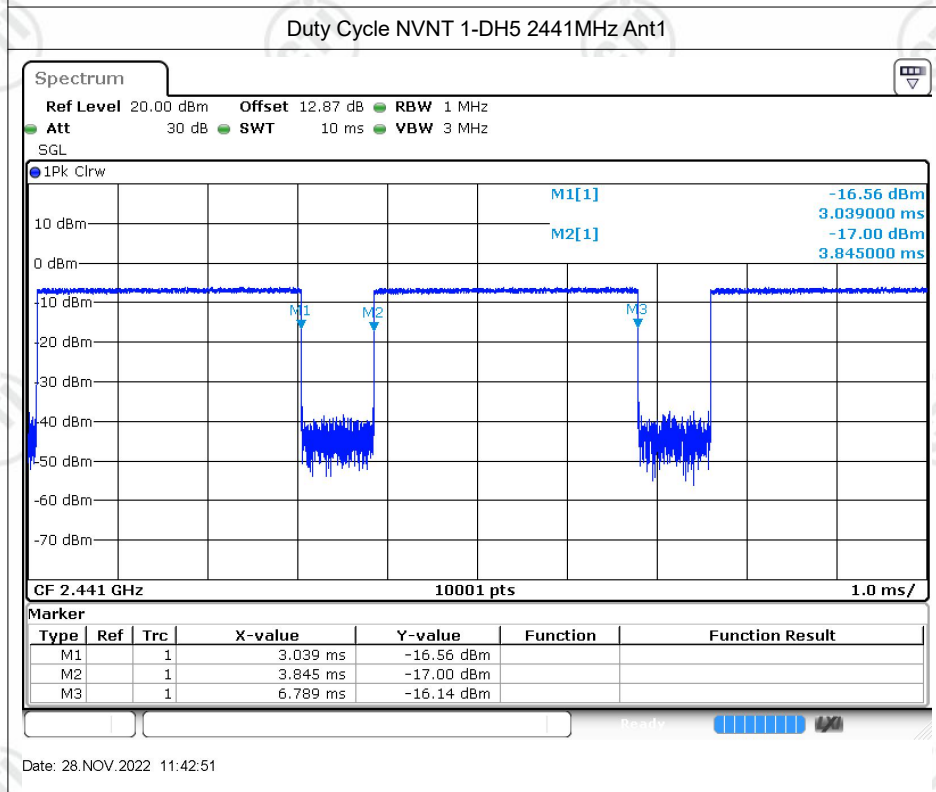
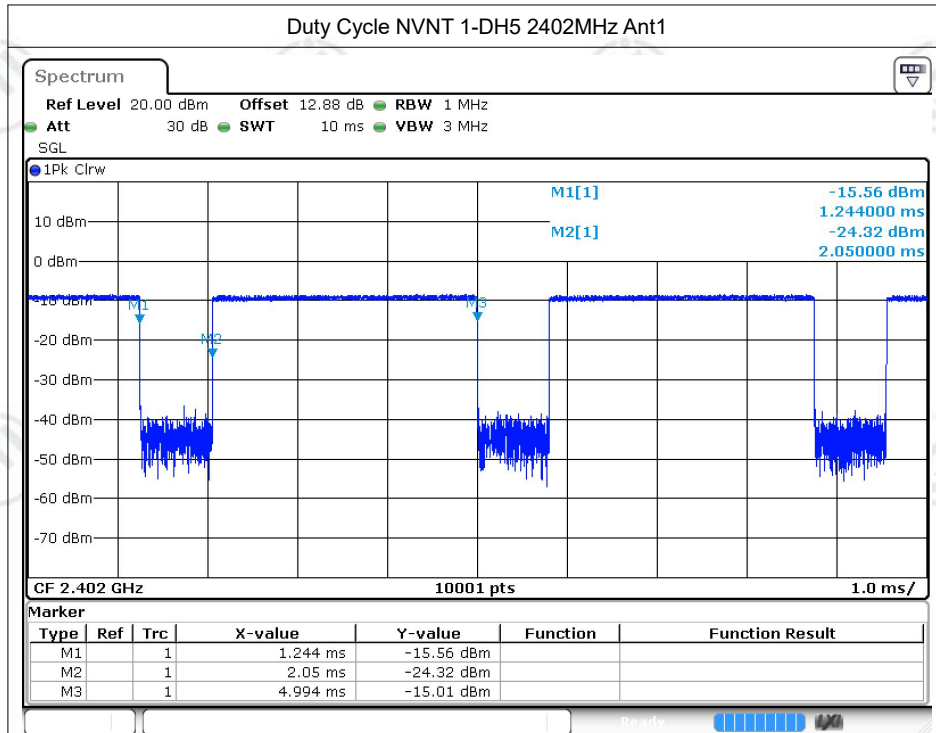
Band Edge(Hopping) ..... 25

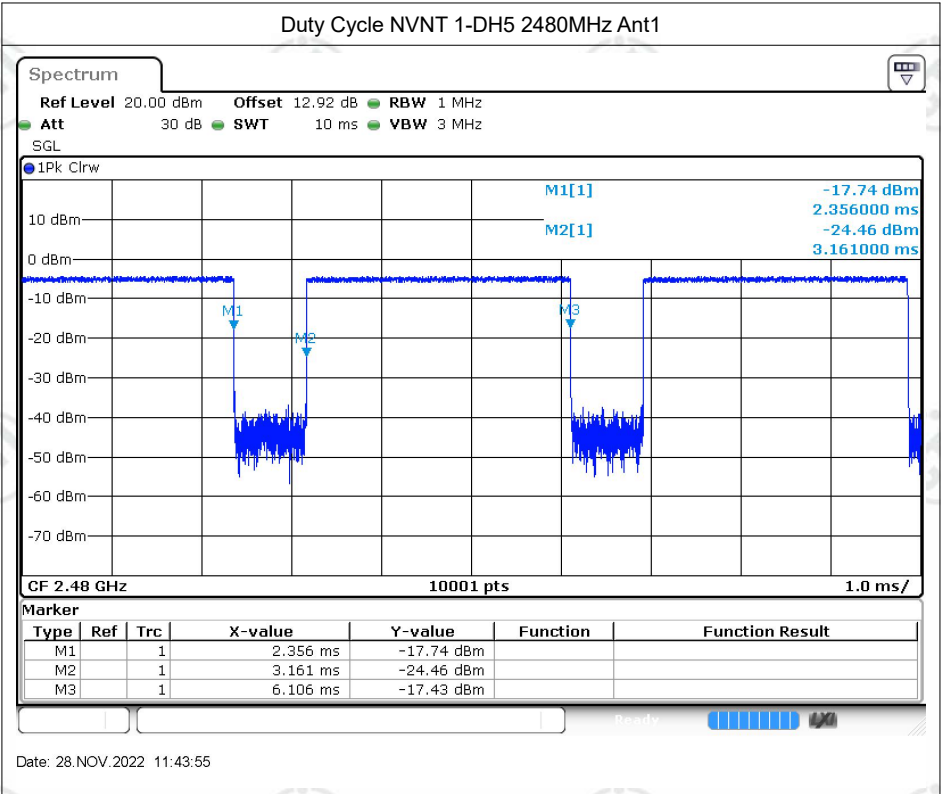
Conducted RF Spurious Emission ..... 28

Number of Hopping Channel ..... 32

Duty Cycle

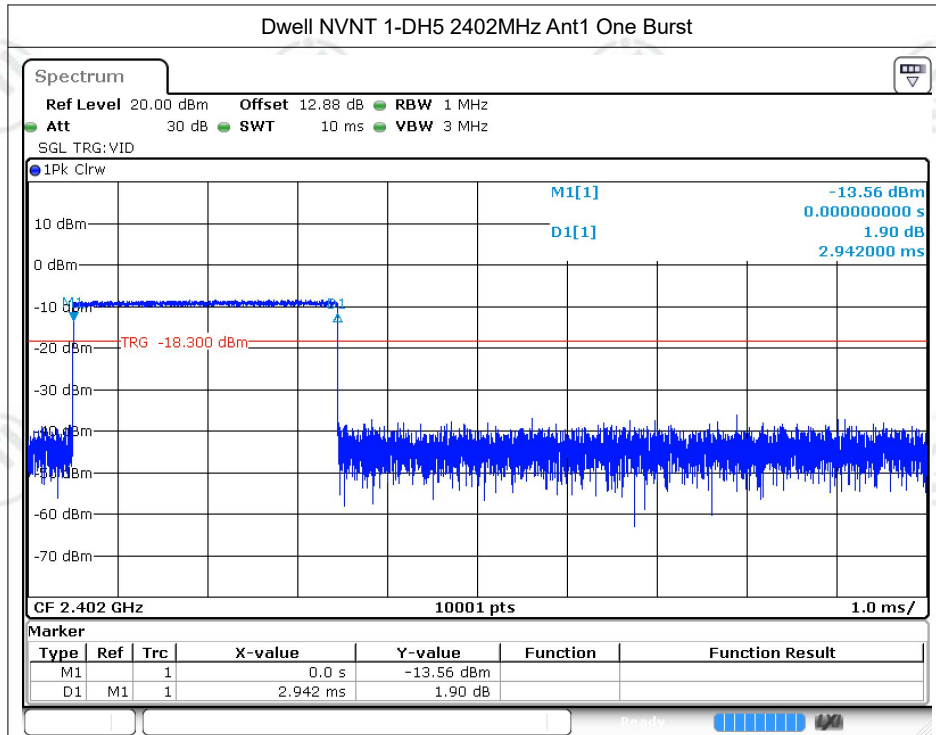
| Condition | Mode  | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|-------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 78.51          | 1.05                   | 0.34      |
| NVNT      | 1-DH5 | 2441            | Ant1    | 78.51          | 1.05                   | 0.34      |
| NVNT      | 1-DH5 | 2480            | Ant1    | 78.53          | 1.05                   | 0.34      |



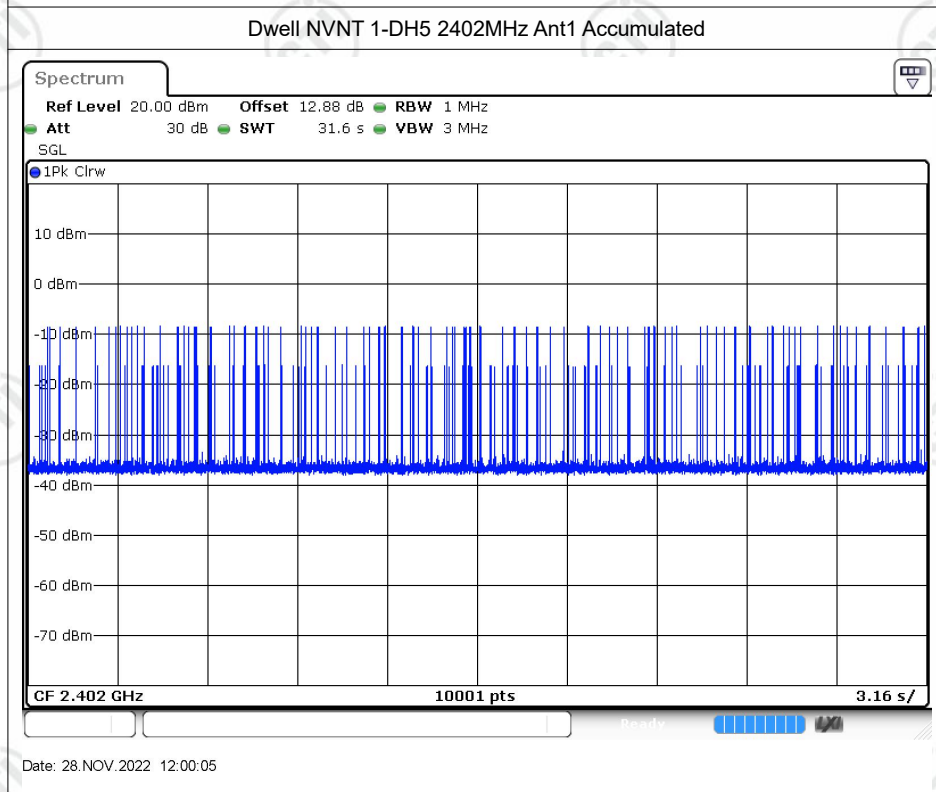


Dwell Time

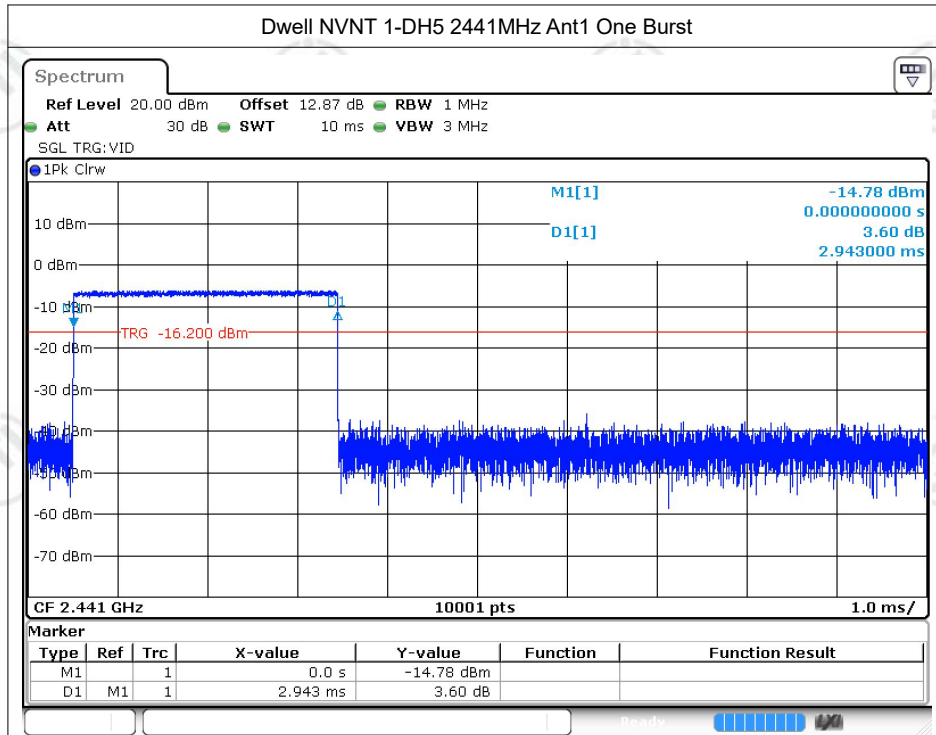
| Condition | Mode  | Frequency<br>(MHz) | Antenna | Pulse Time<br>(ms) | Total Dwell Time<br>(ms) | Burst<br>Count | Period Time<br>(ms) | Limit<br>(ms) | Verdict |
|-----------|-------|--------------------|---------|--------------------|--------------------------|----------------|---------------------|---------------|---------|
| NVNT      | 1-DH5 | 2402               | Ant1    | 2.942              | 311.852                  | 106            | 31600               | 400           | Pass    |
| NVNT      | 1-DH5 | 2441               | Ant1    | 2.943              | 344.331                  | 117            | 31600               | 400           | Pass    |
| NVNT      | 1-DH5 | 2480               | Ant1    | 2.943              | 341.388                  | 116            | 31600               | 400           | Pass    |



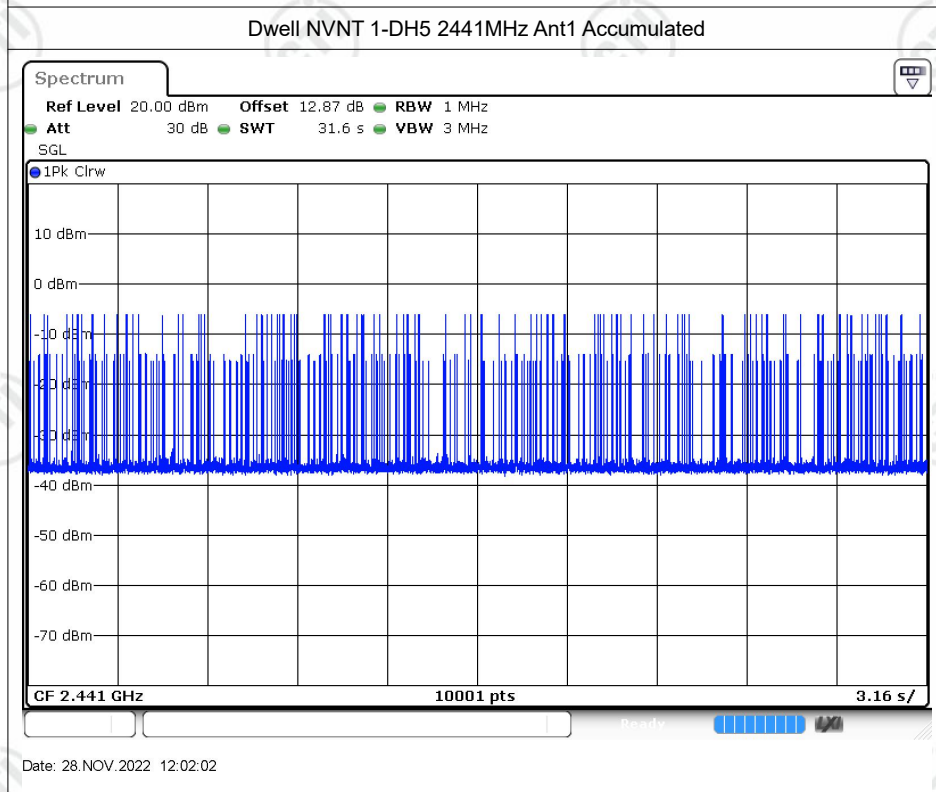
Date: 28.NOV.2022 11:59:32



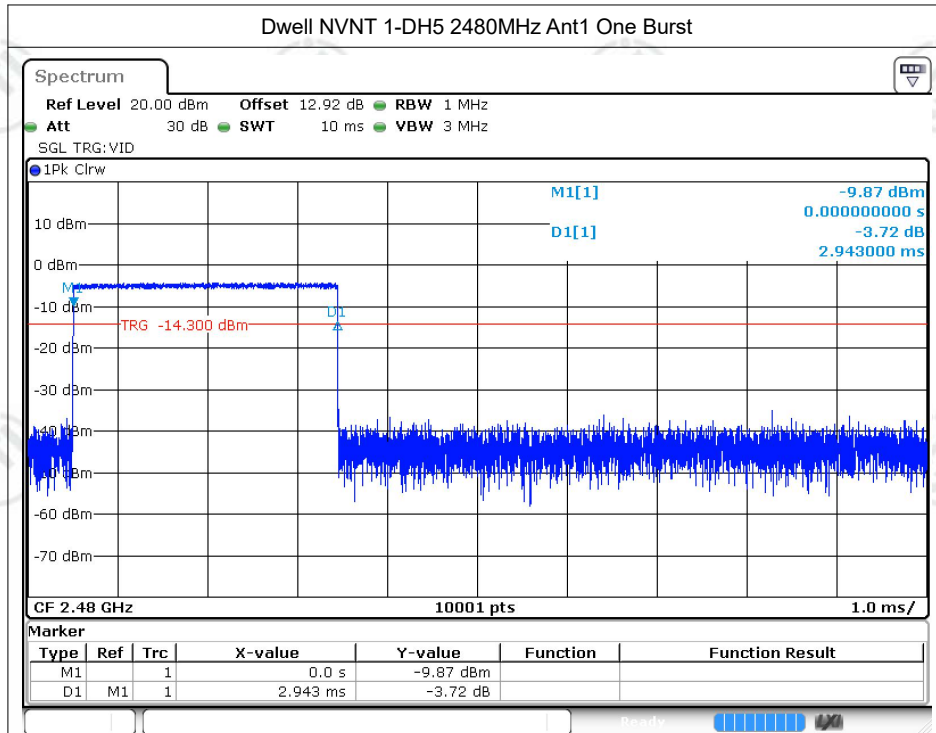
Date: 28.NOV.2022 12:00:05



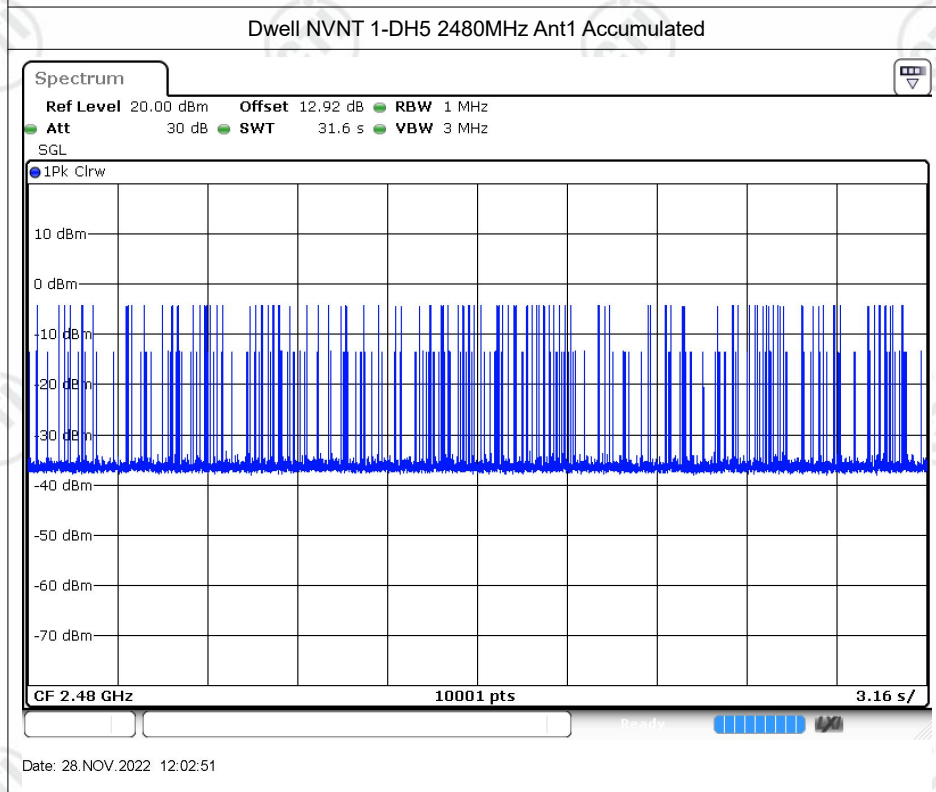
Date: 28.NOV.2022 12:01:29



Date: 28.NOV.2022 12:02:02



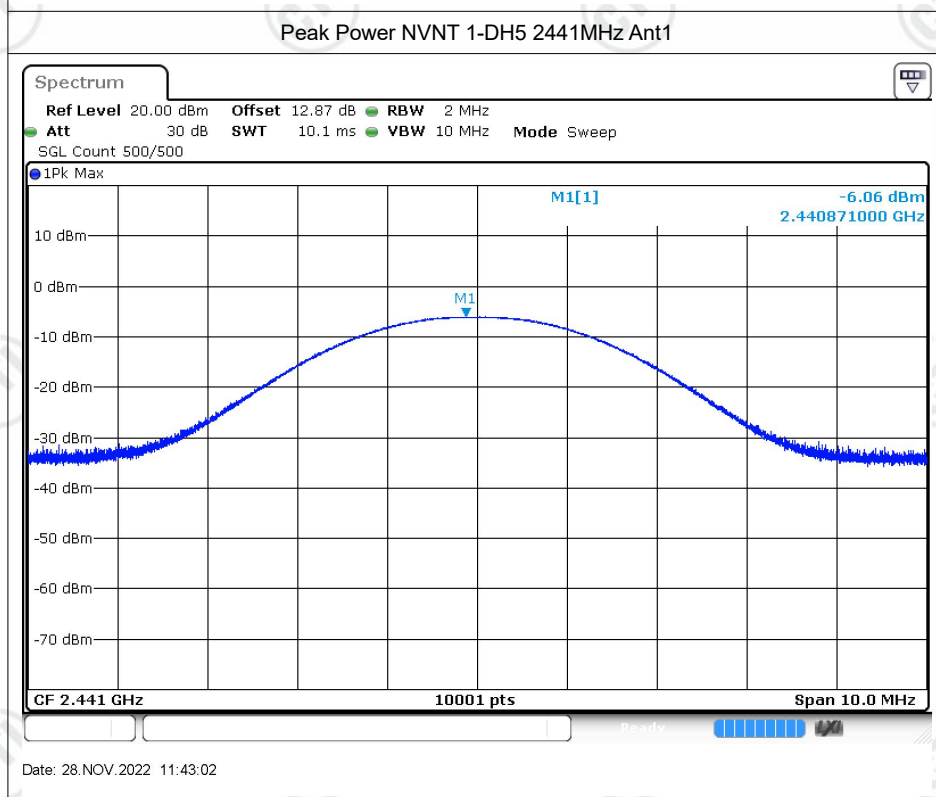
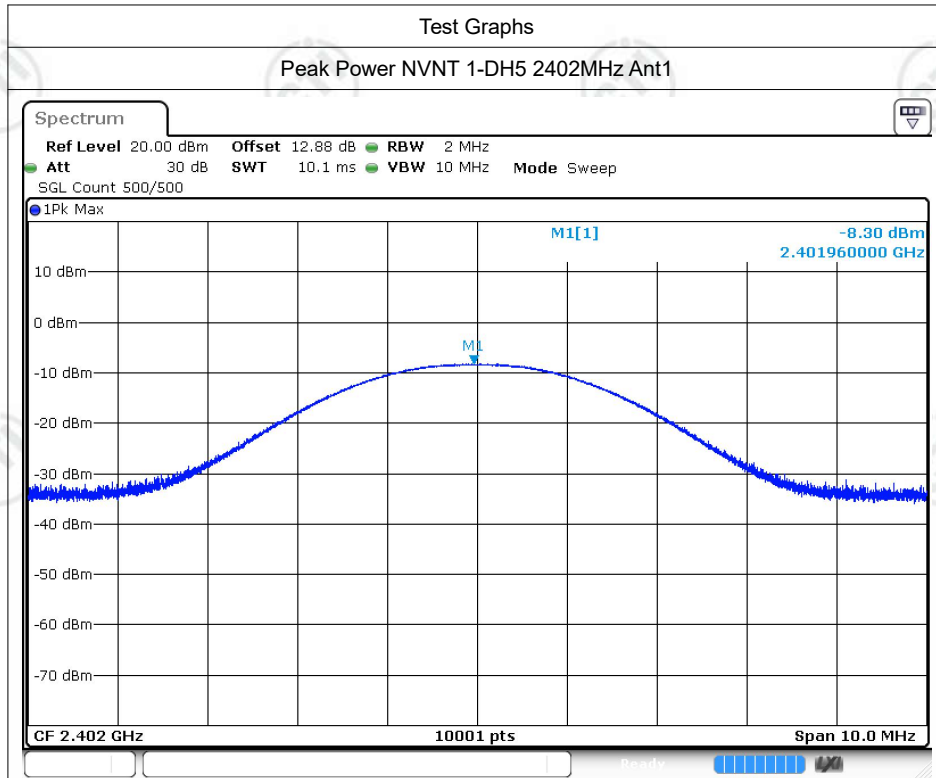
Date: 28.NOV.2022 12:02:18

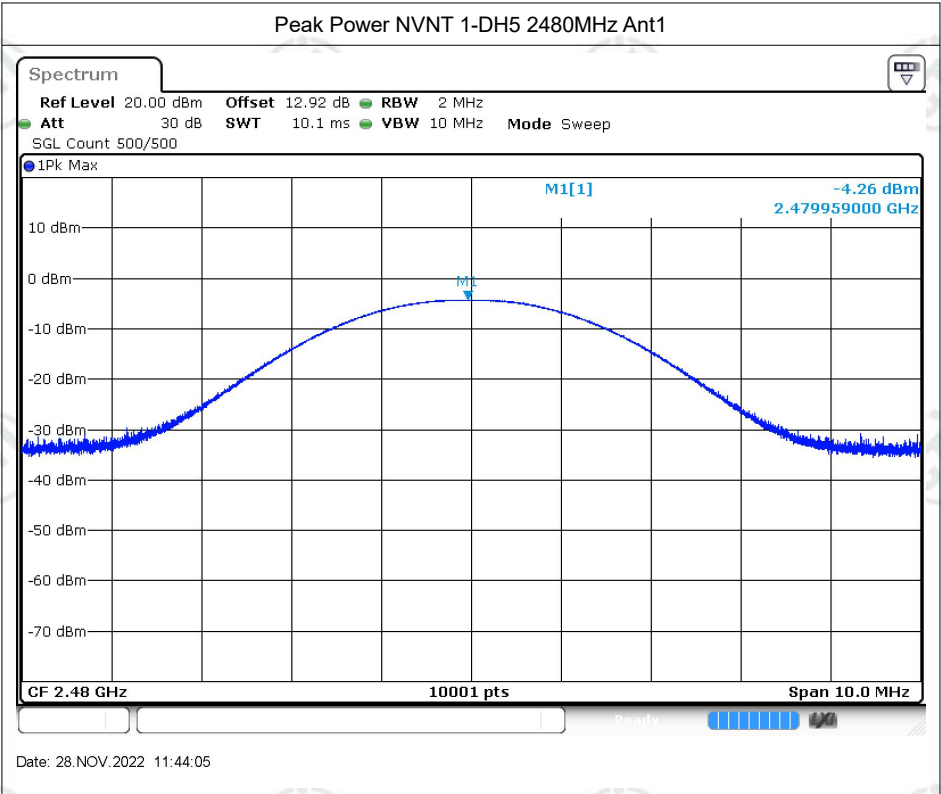


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Maximum Peak Conducted Output Power

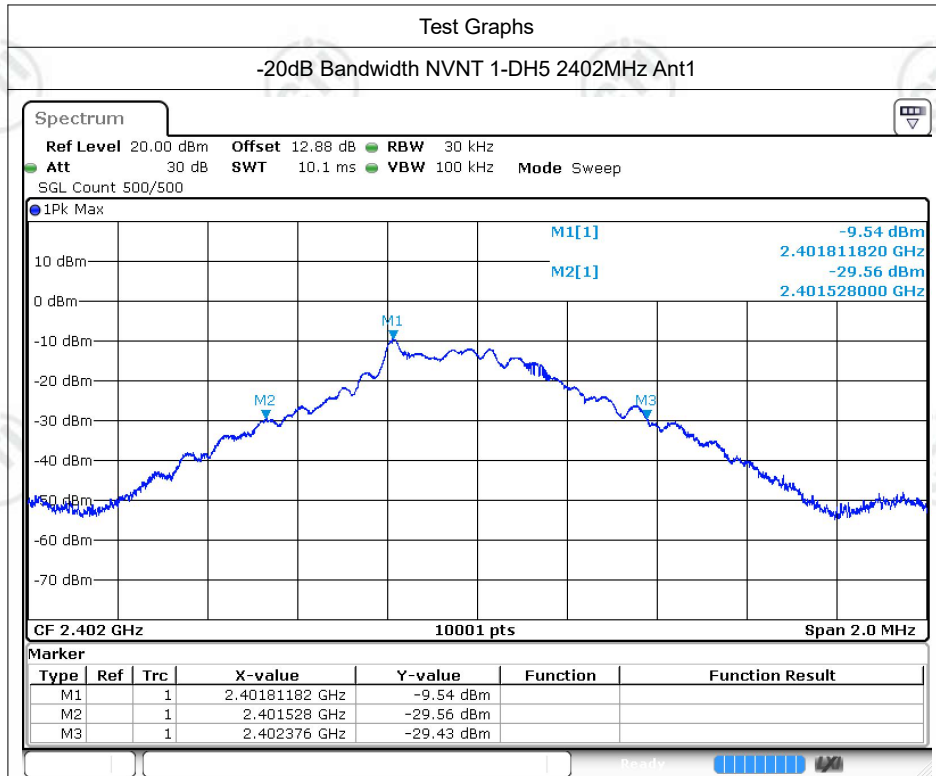
| Condition | Mode  | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Duty Factor<br>(dB) | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|-------|--------------------|---------|--------------------------|---------------------|----------------------|----------------|---------|
| NVNT      | 1-DH5 | 2402               | Ant1    | -8.3                     | 0                   | -8.3                 | 21             | Pass    |
| NVNT      | 1-DH5 | 2441               | Ant1    | -6.06                    | 0                   | -6.06                | 21             | Pass    |
| NVNT      | 1-DH5 | 2480               | Ant1    | -4.26                    | 0                   | -4.26                | 21             | Pass    |



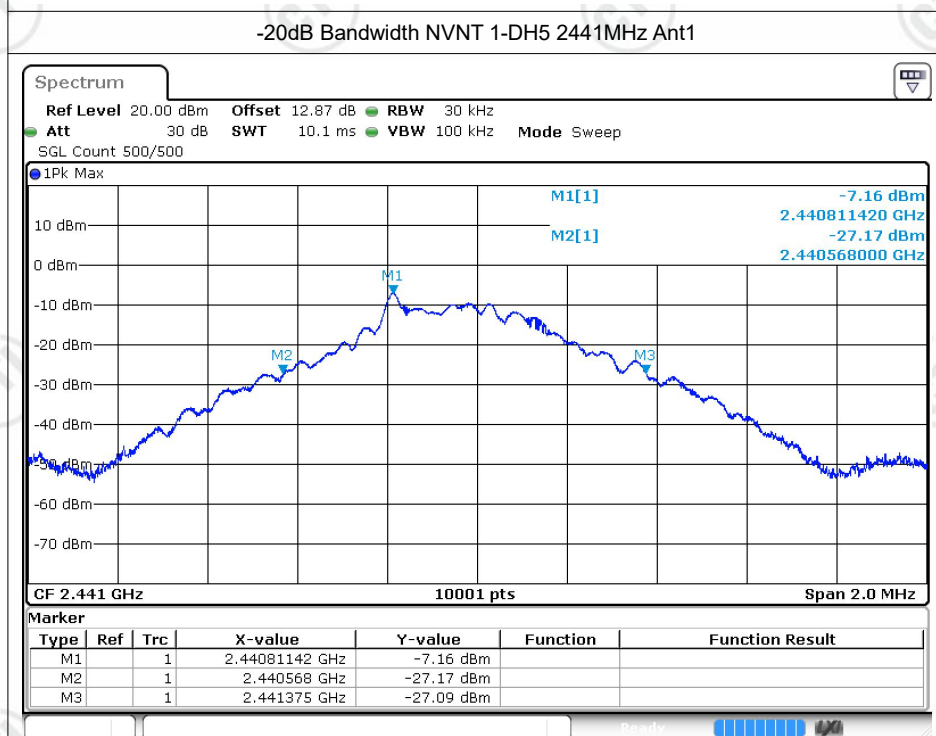


-20dB Bandwidth

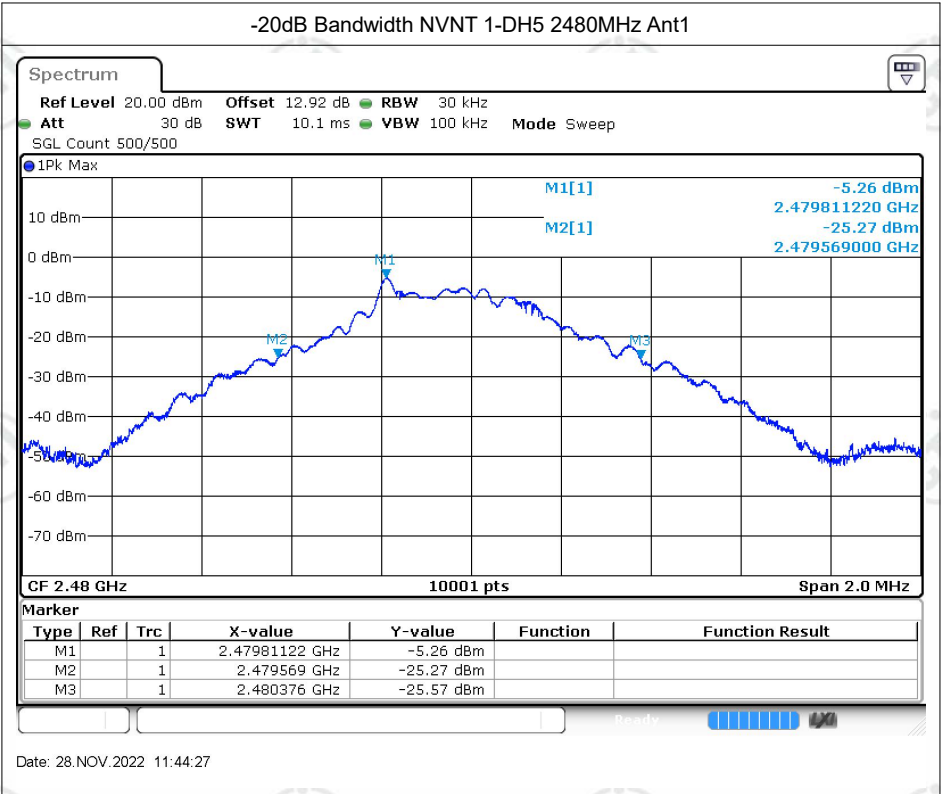
| Condition | Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 0.848                  | 0                            | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 0.807                  | 0                            | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 0.806                  | 0                            | Pass    |



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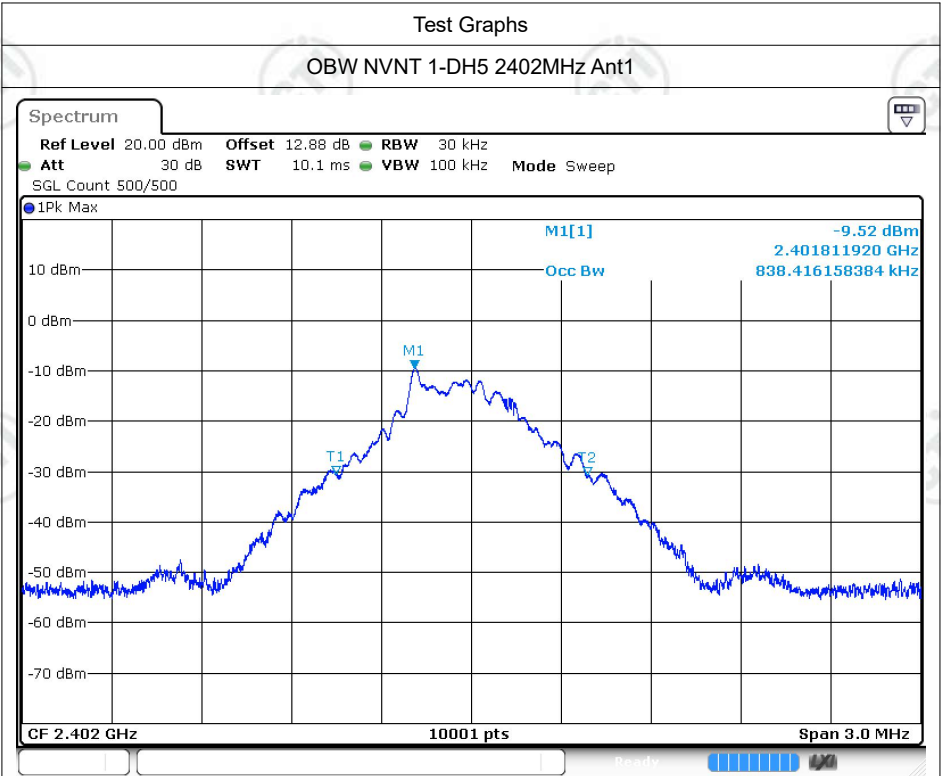


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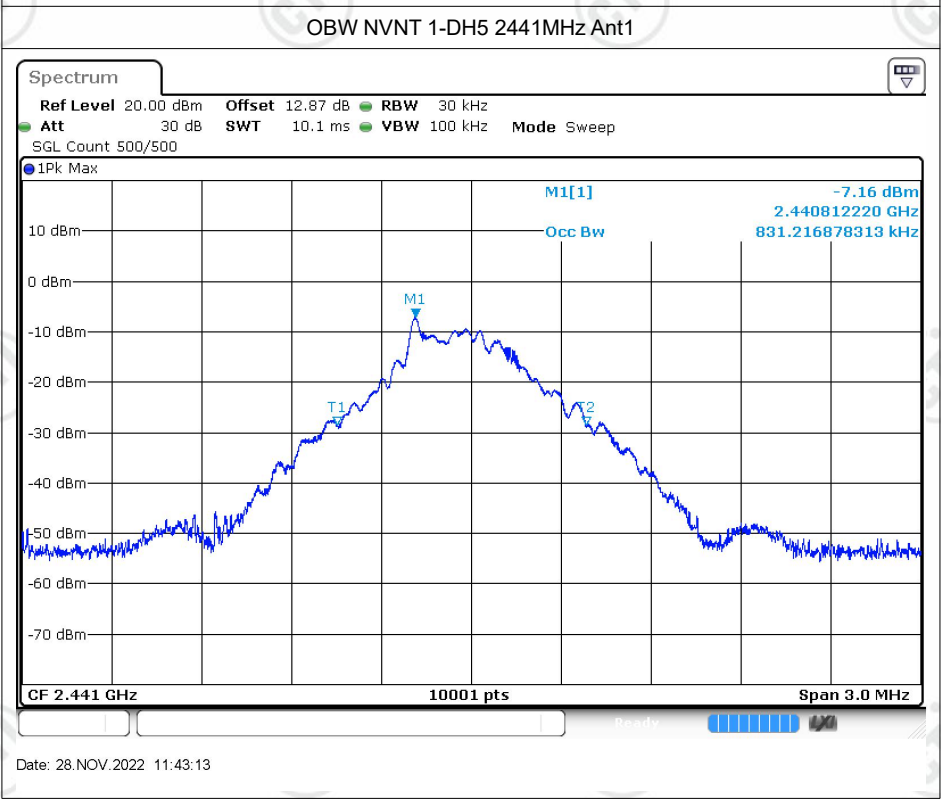


Occupied Channel Bandwidth

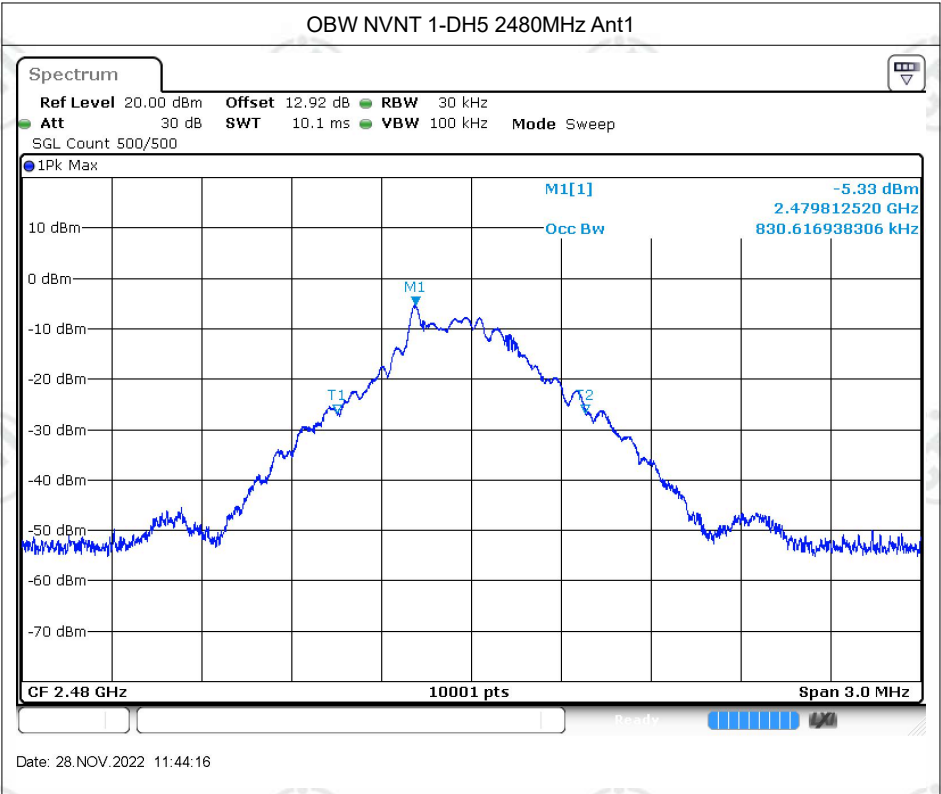
| Condition | Mode  | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|-------|-----------------|---------|---------------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 0.838         |
| NVNT      | 1-DH5 | 2441            | Ant1    | 0.831         |
| NVNT      | 1-DH5 | 2480            | Ant1    | 0.831         |



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Carrier Frequencies Separation

| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | Ant1    | 2401.862            | 2402.944            | 1.082     | 0.565       | Pass    |
| NVNT      | 1-DH5 | Ant1    | 2440.812            | 2441.814            | 1.002     | 0.538       | Pass    |
| NVNT      | 1-DH5 | Ant1    | 2478.964            | 2479.95             | 0.986     | 0.537       | Pass    |