

## Appendix: 2.4G Wi-Fi

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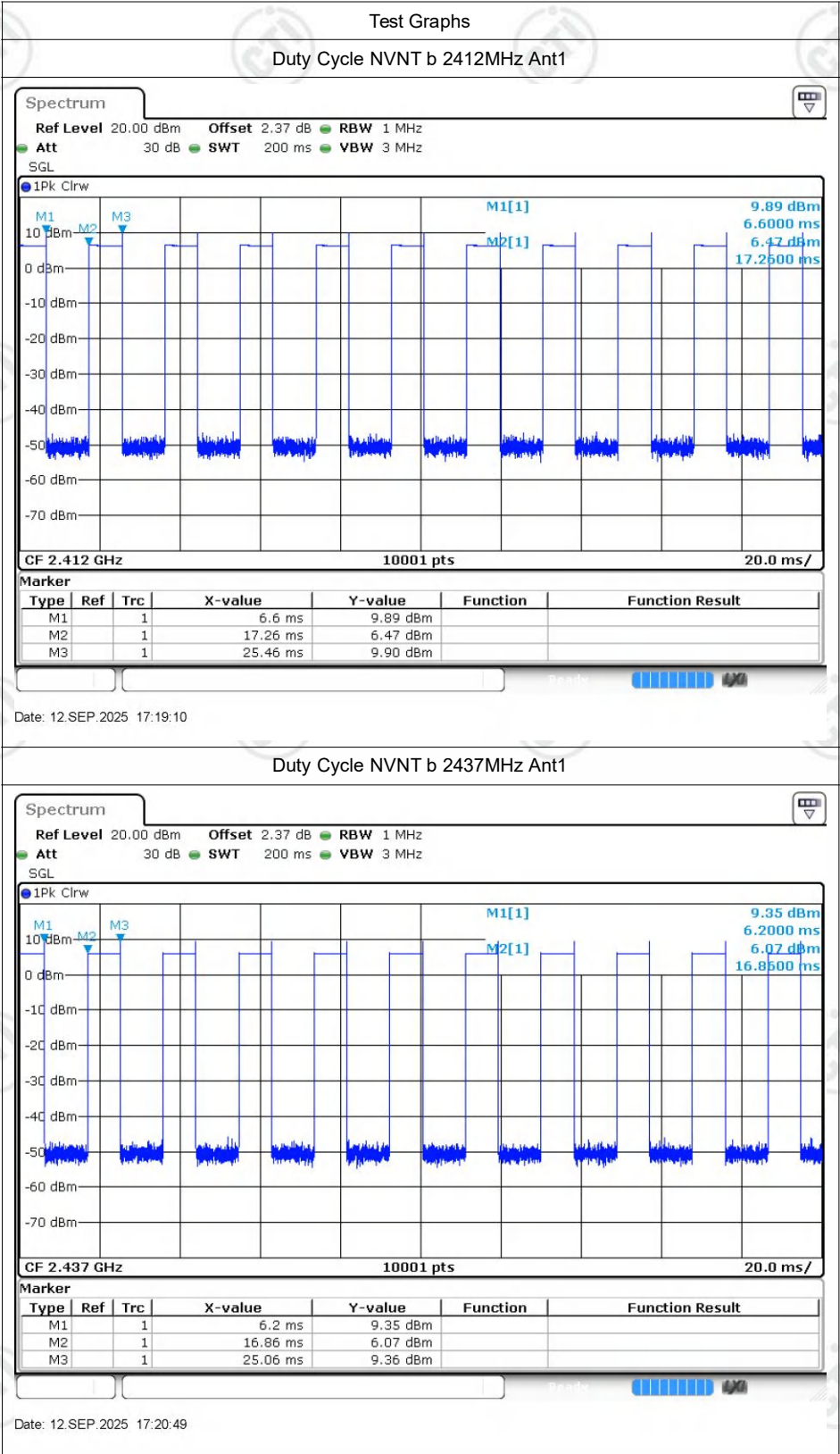
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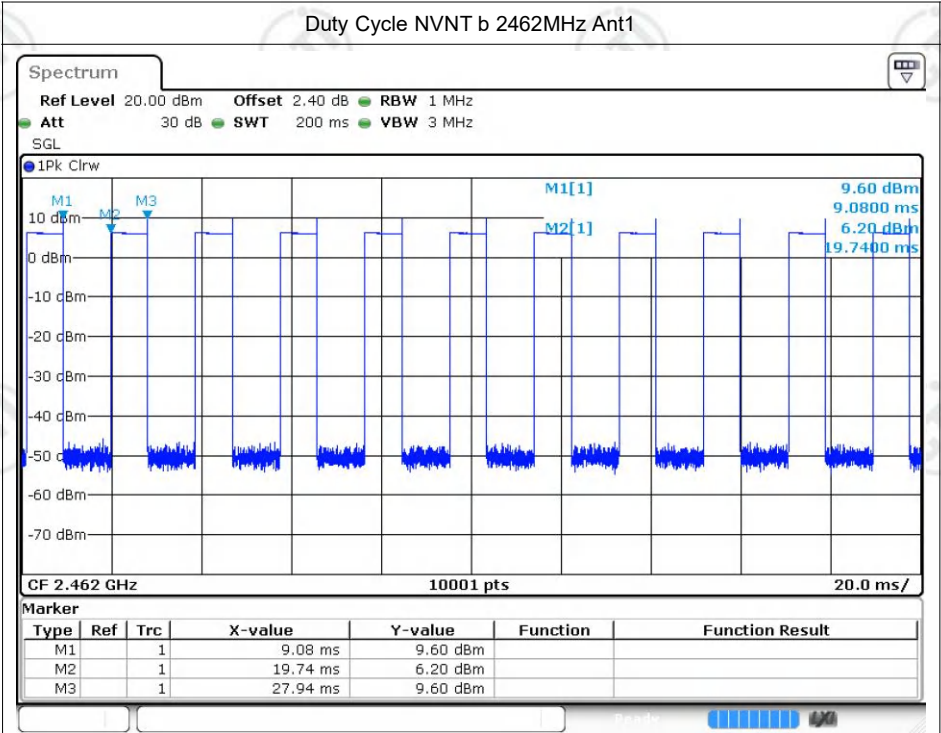
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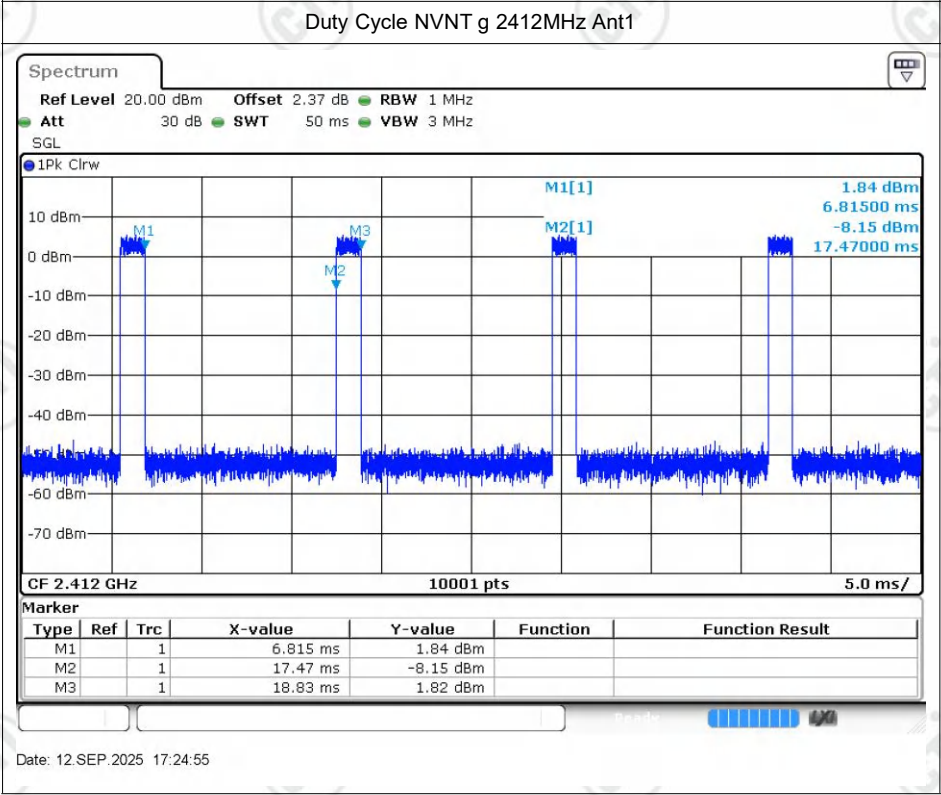
Duty Cycle

| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | b    | 2412            | Ant1    | 43.48          | 3.62                   | 0.12      |
| NVNT      | b    | 2437            | Ant1    | 43.48          | 3.62                   | 0.12      |
| NVNT      | b    | 2462            | Ant1    | 43.48          | 3.62                   | 0.12      |
| NVNT      | g    | 2412            | Ant1    | 11.32          | 9.46                   | 0.74      |
| NVNT      | g    | 2437            | Ant1    | 11.32          | 9.46                   | 0.74      |
| NVNT      | g    | 2462            | Ant1    | 11.36          | 9.45                   | 0.73      |
| NVNT      | n20  | 2412            | Ant1    | 32.3           | 4.91                   | 0.2       |
| NVNT      | n20  | 2437            | Ant1    | 32.3           | 4.91                   | 0.2       |
| NVNT      | n20  | 2462            | Ant1    | 32.33          | 4.9                    | 0.2       |

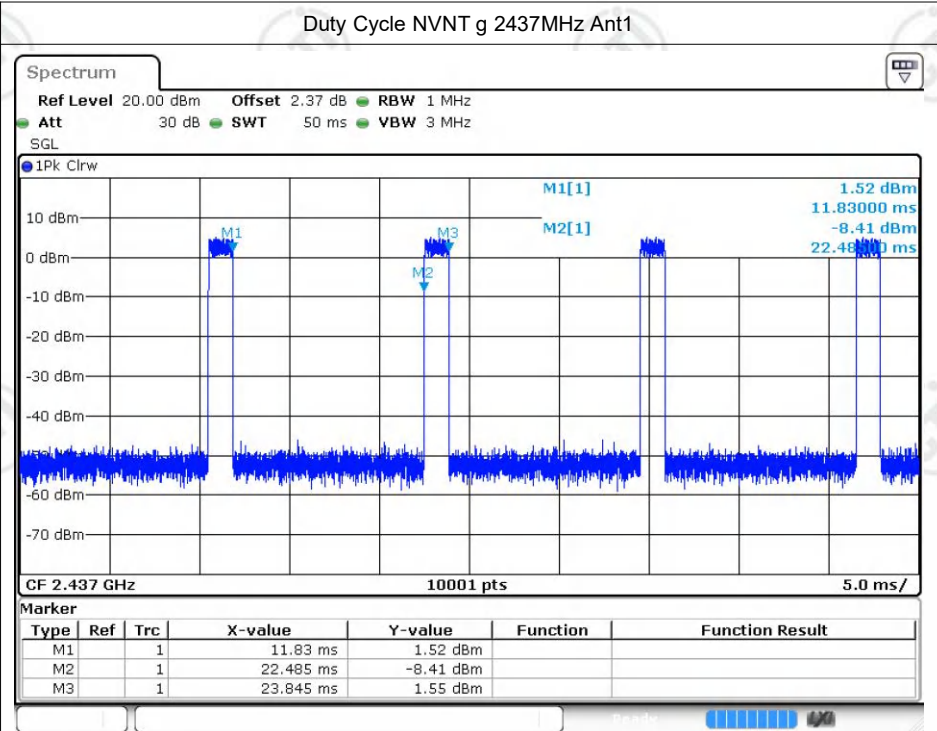




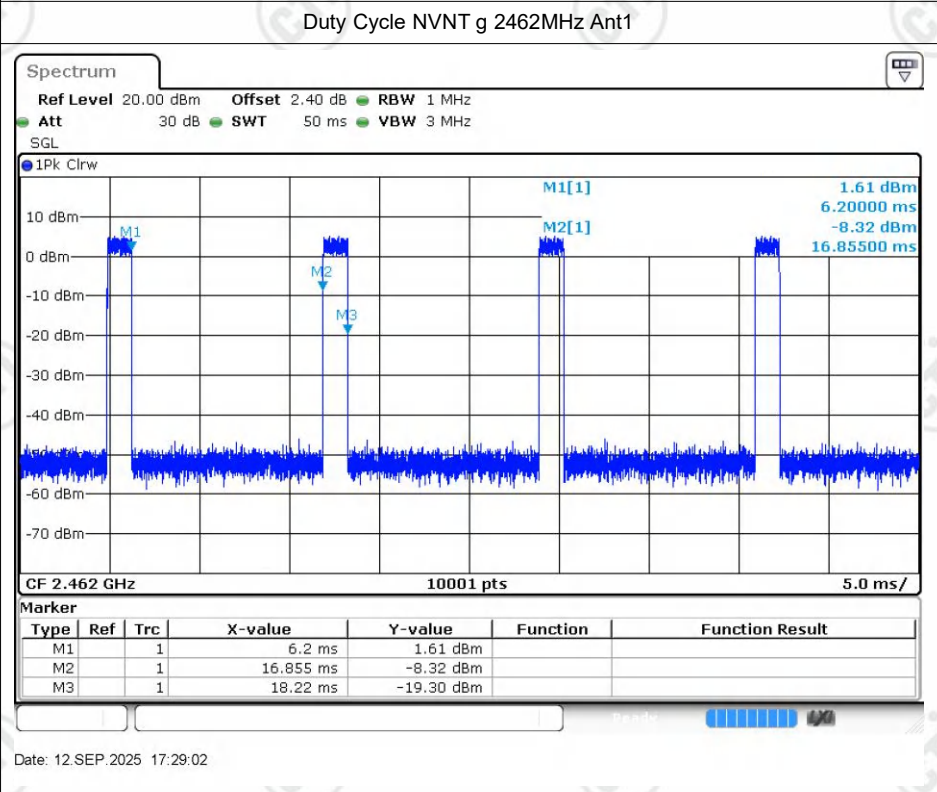
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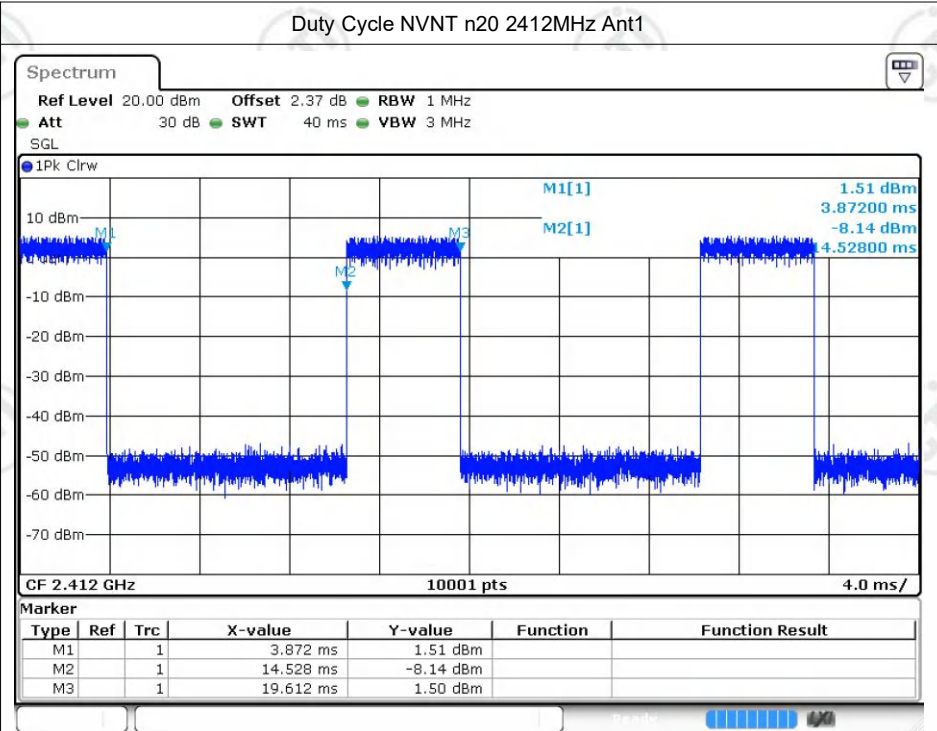
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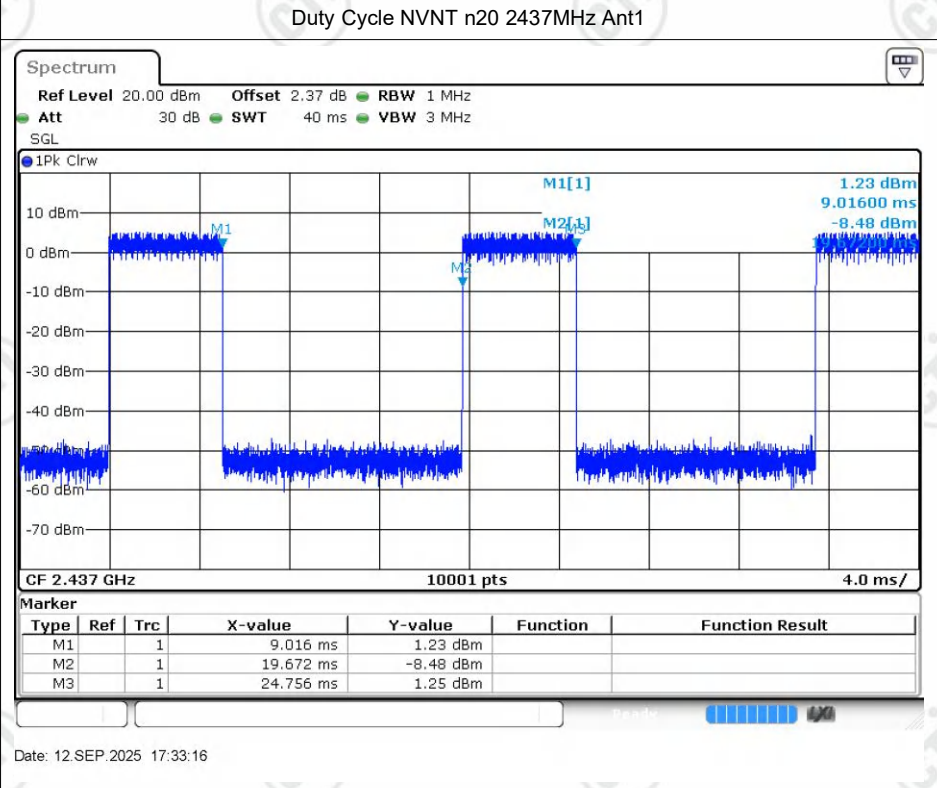
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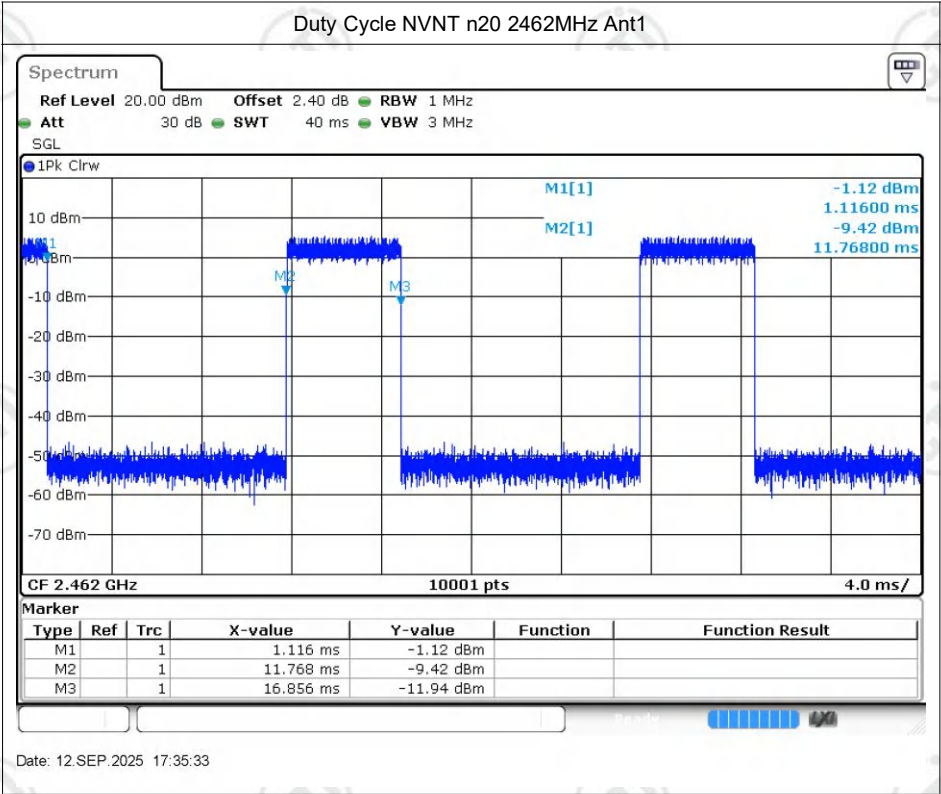
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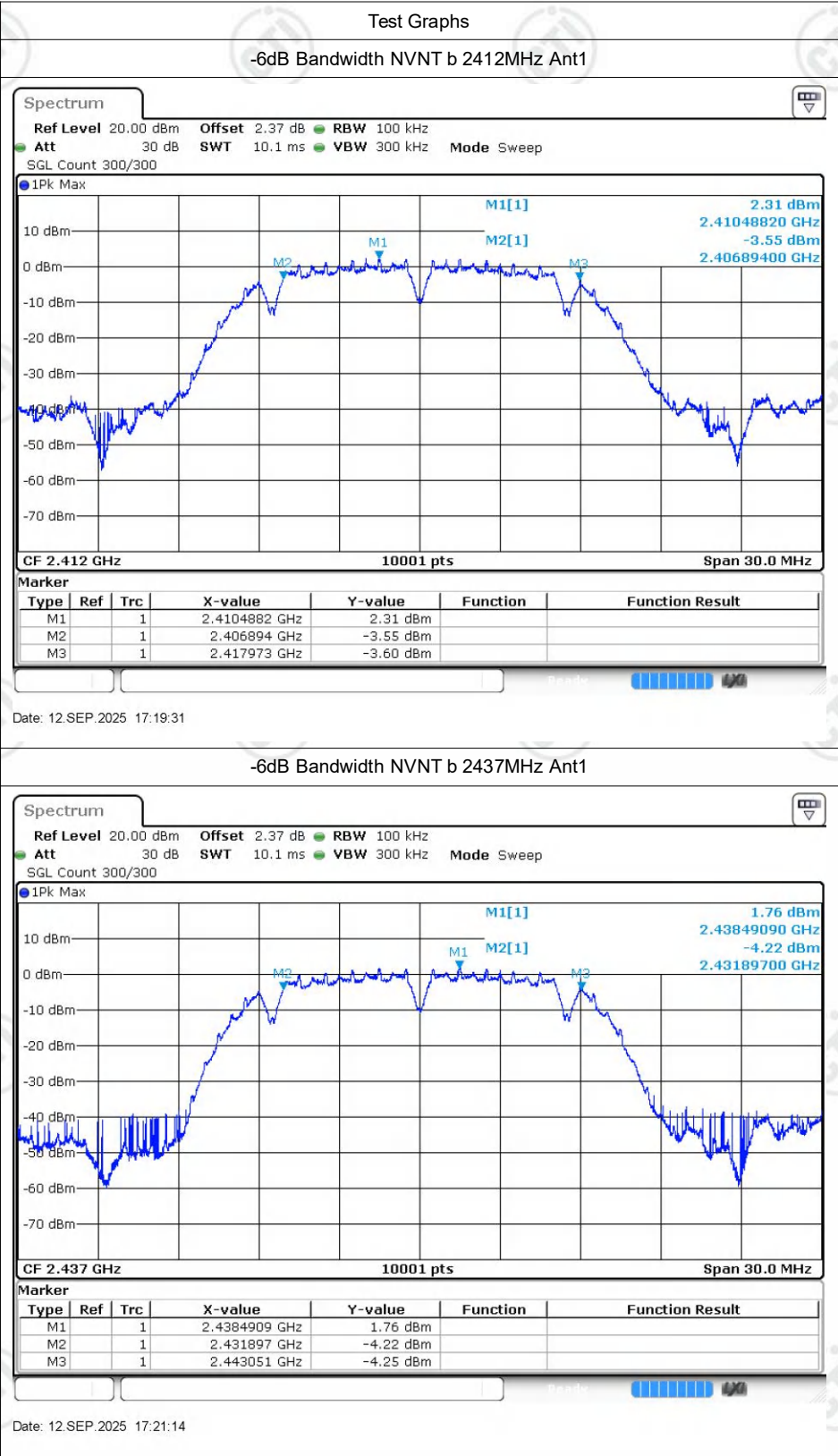


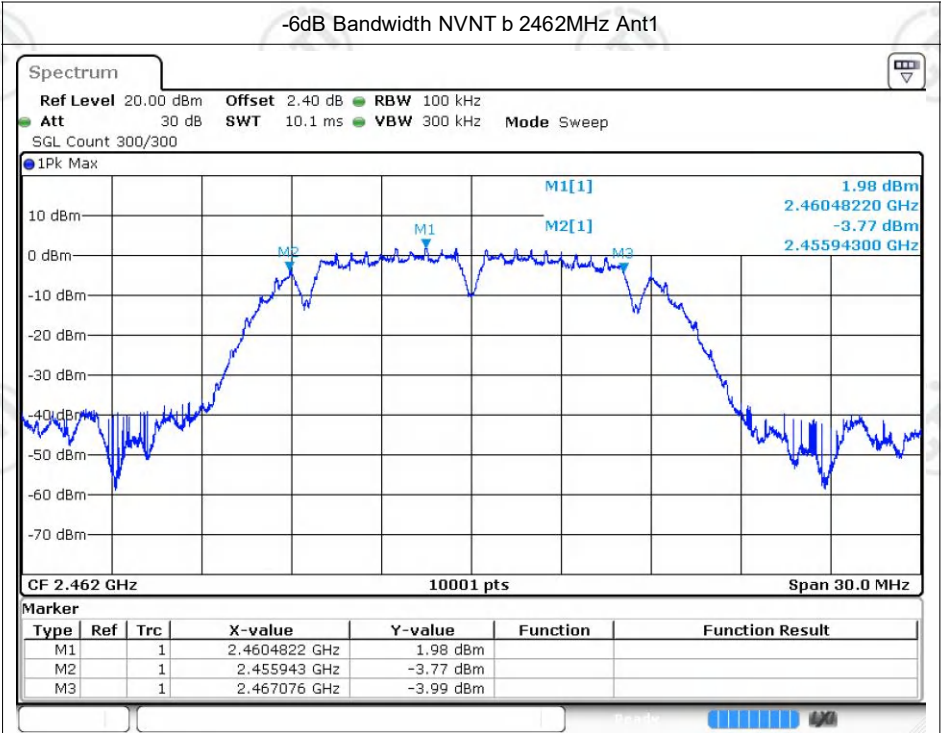
Maximum Peak Conducted Output Power

| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|----------------|---------|
| NVNT      | b    | 2412               | Ant1    | 13.57                    | 30             | Pass    |
| NVNT      | b    | 2437               | Ant1    | 13.32                    | 30             | Pass    |
| NVNT      | b    | 2462               | Ant1    | 12.99                    | 30             | Pass    |
| NVHT      | b    | 2412               | Ant1    | -1.06                    | 30             | Pass    |
| NVNT      | g    | 2412               | Ant1    | 10.97                    | 30             | Pass    |
| NVNT      | g    | 2437               | Ant1    | 11.1                     | 30             | Pass    |
| NVNT      | g    | 2462               | Ant1    | 10.55                    | 30             | Pass    |
| NVNT      | n20  | 2412               | Ant1    | 10.91                    | 30             | Pass    |
| NVNT      | n20  | 2437               | Ant1    | 11.11                    | 30             | Pass    |
| NVNT      | n20  | 2462               | Ant1    | 10.52                    | 30             | Pass    |

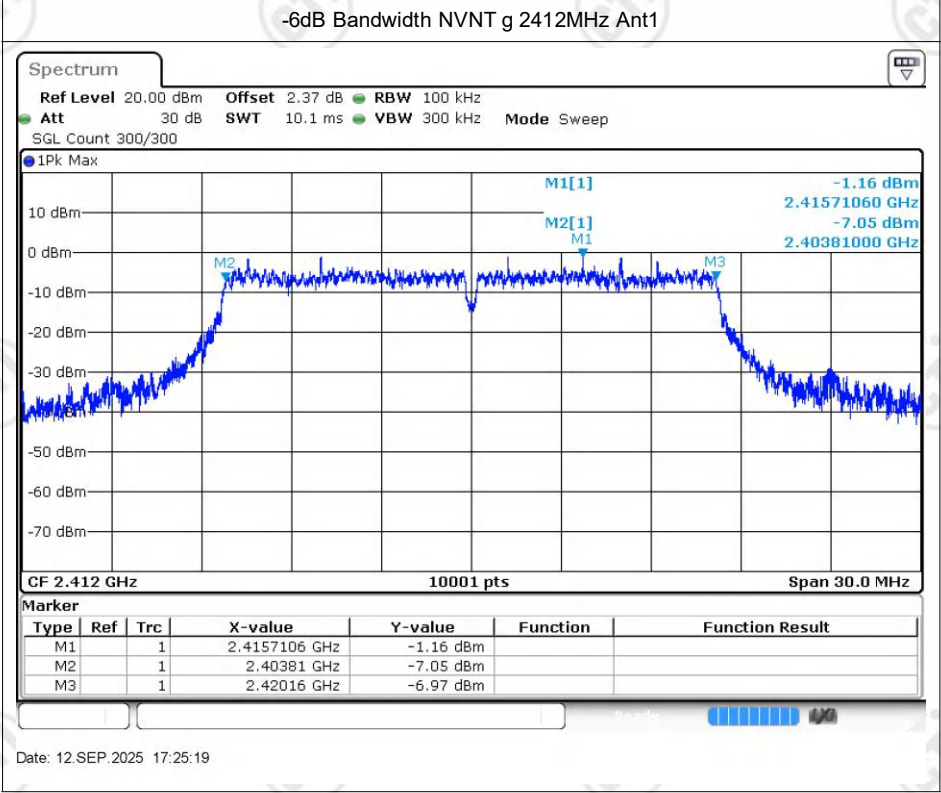
-6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | b    | 2412            | Ant1    | 11.079                | 0.5                         | Pass    |
| NVNT      | b    | 2437            | Ant1    | 11.154                | 0.5                         | Pass    |
| NVNT      | b    | 2462            | Ant1    | 11.133                | 0.5                         | Pass    |
| NVNT      | g    | 2412            | Ant1    | 16.35                 | 0.5                         | Pass    |
| NVNT      | g    | 2437            | Ant1    | 16.14                 | 0.5                         | Pass    |
| NVNT      | g    | 2462            | Ant1    | 16.332                | 0.5                         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 17.034                | 0.5                         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 17.274                | 0.5                         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 16.944                | 0.5                         | Pass    |

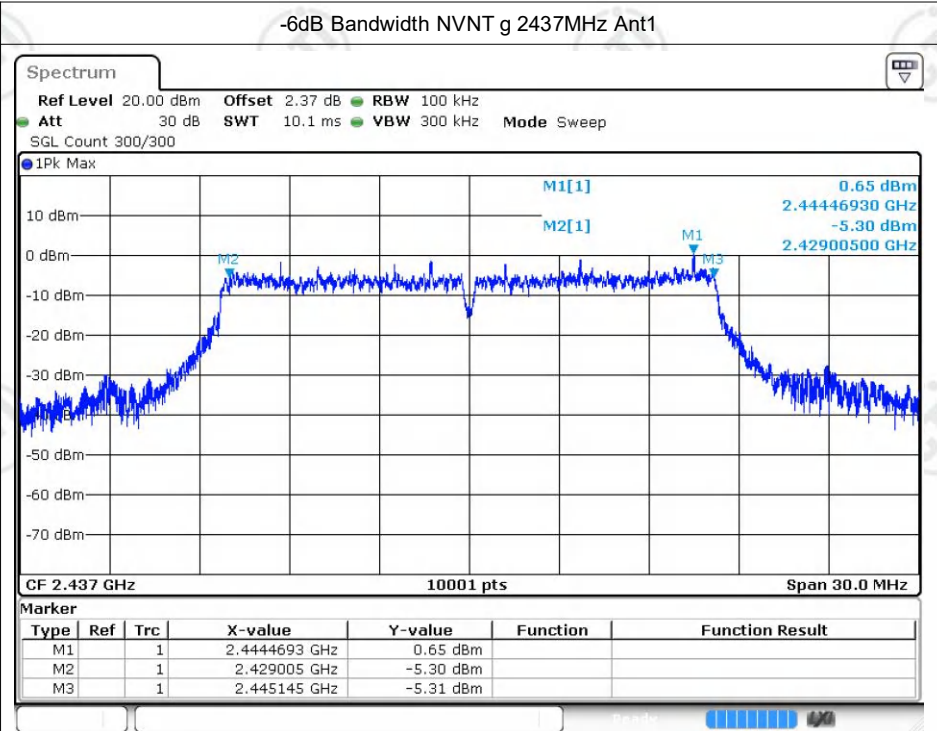




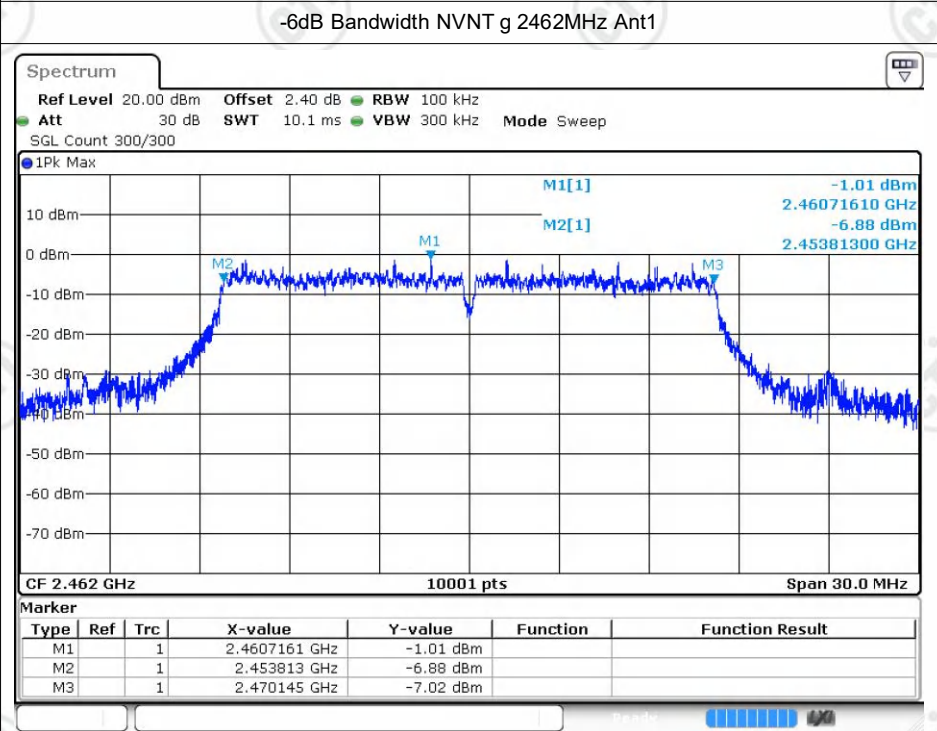
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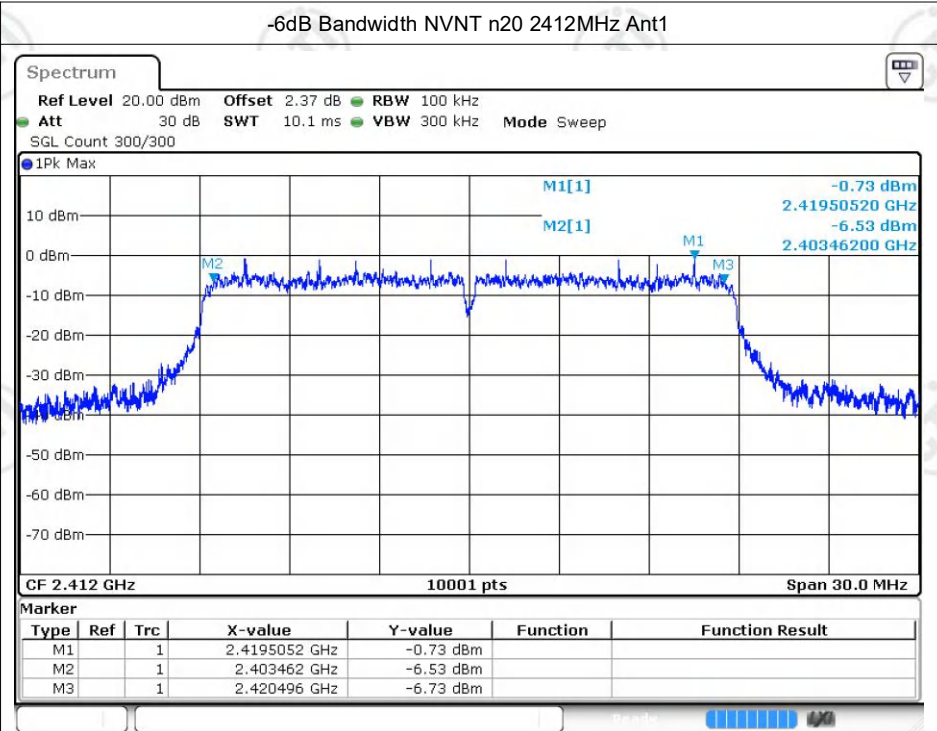
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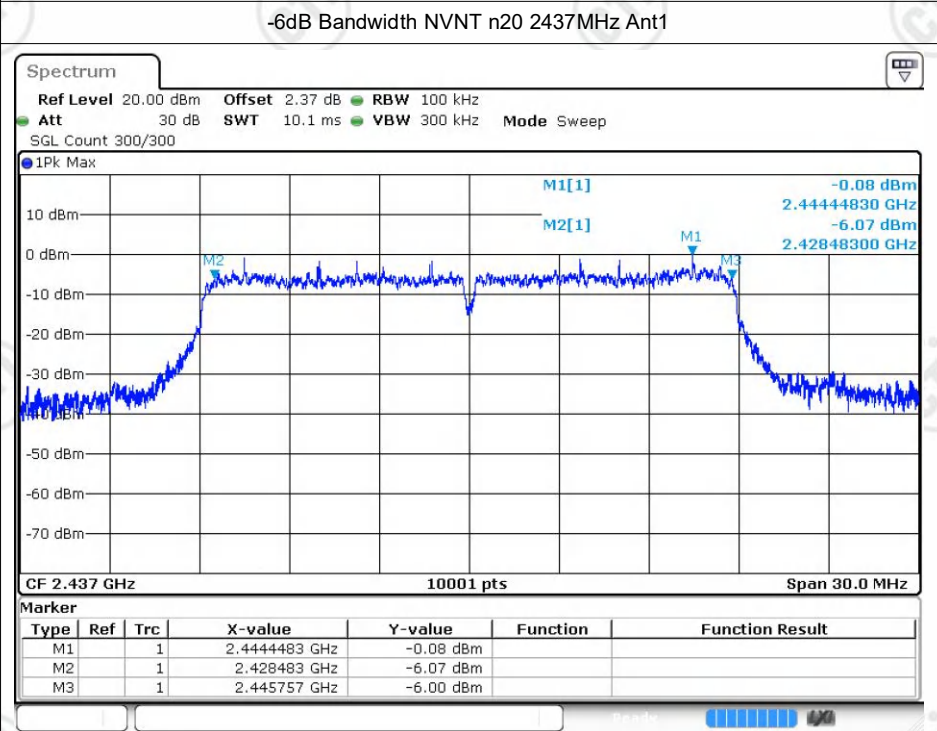
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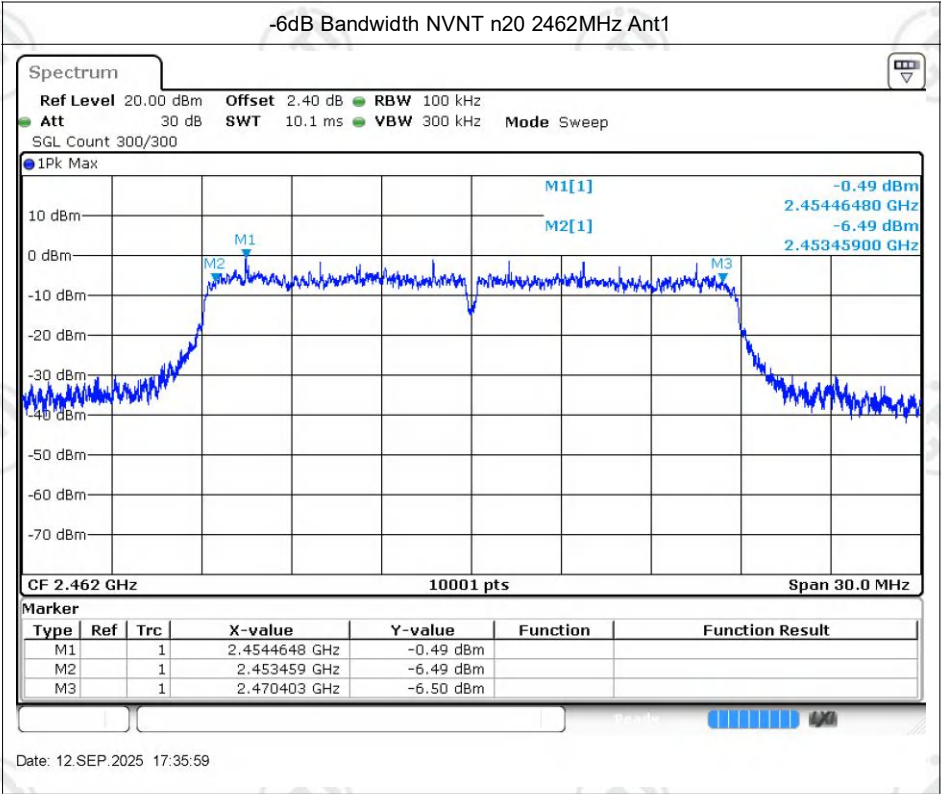
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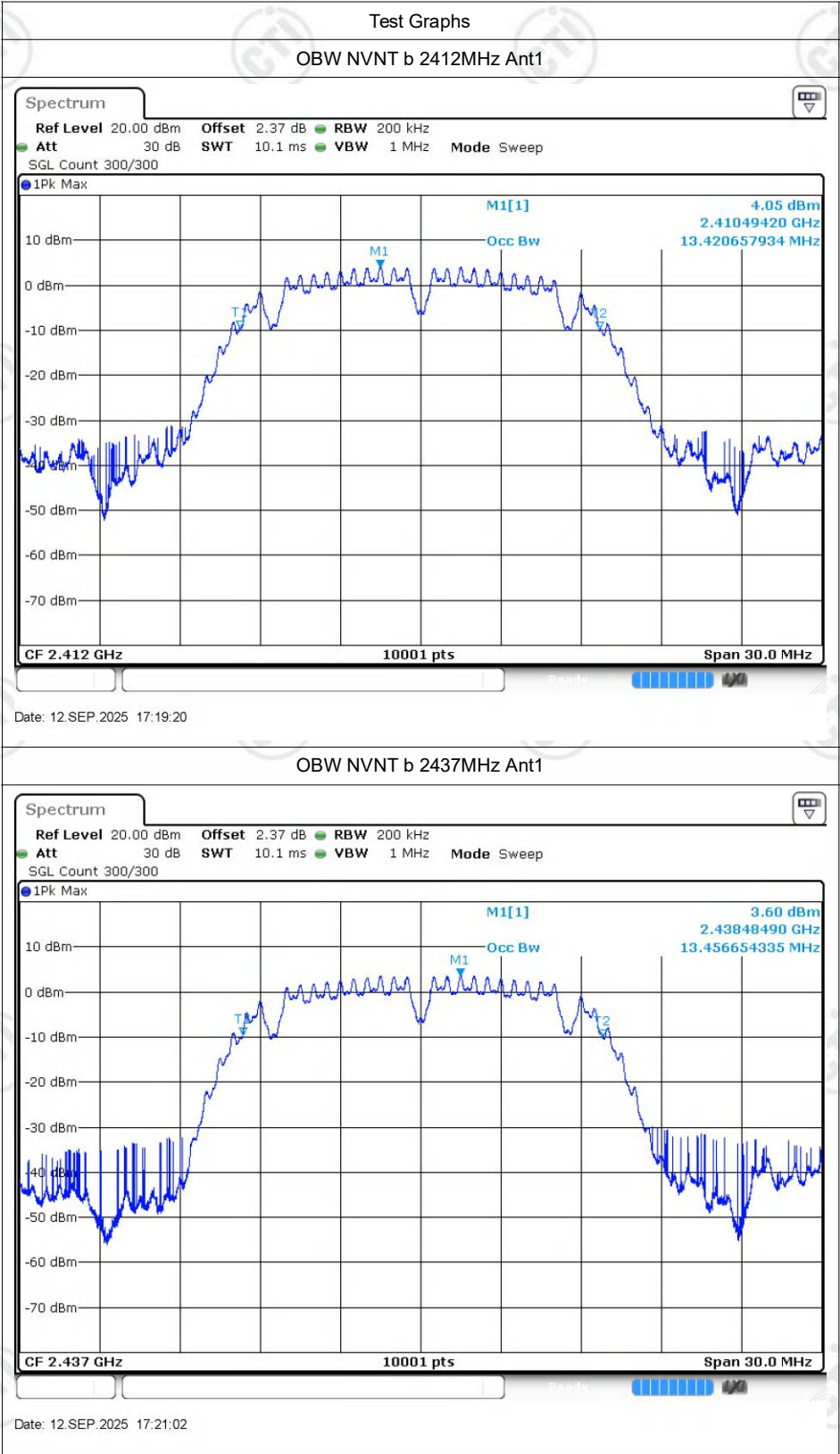


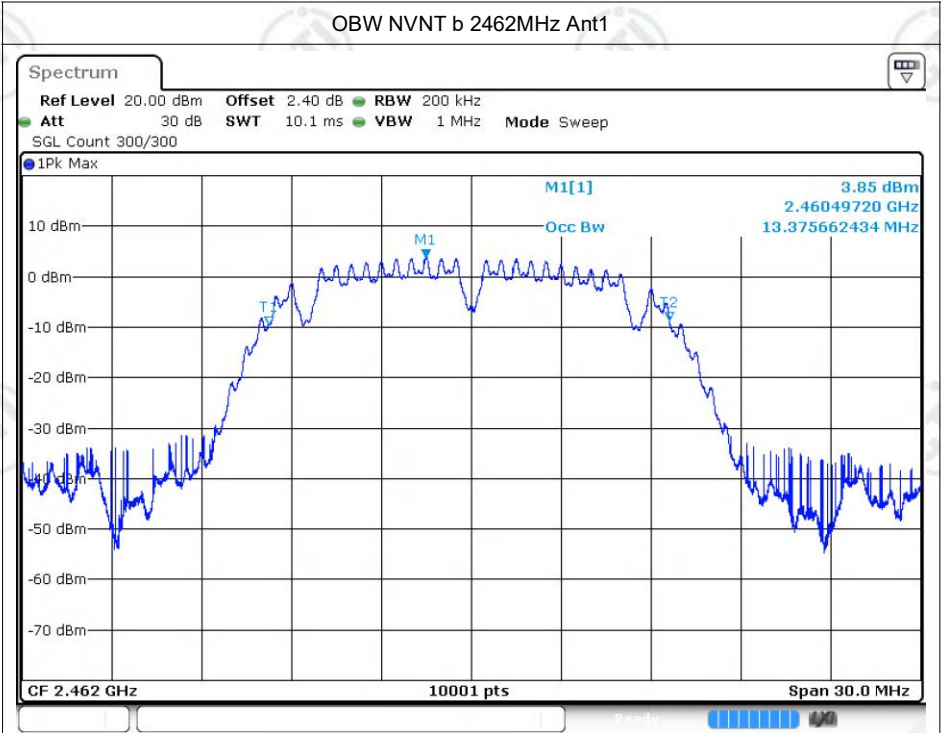
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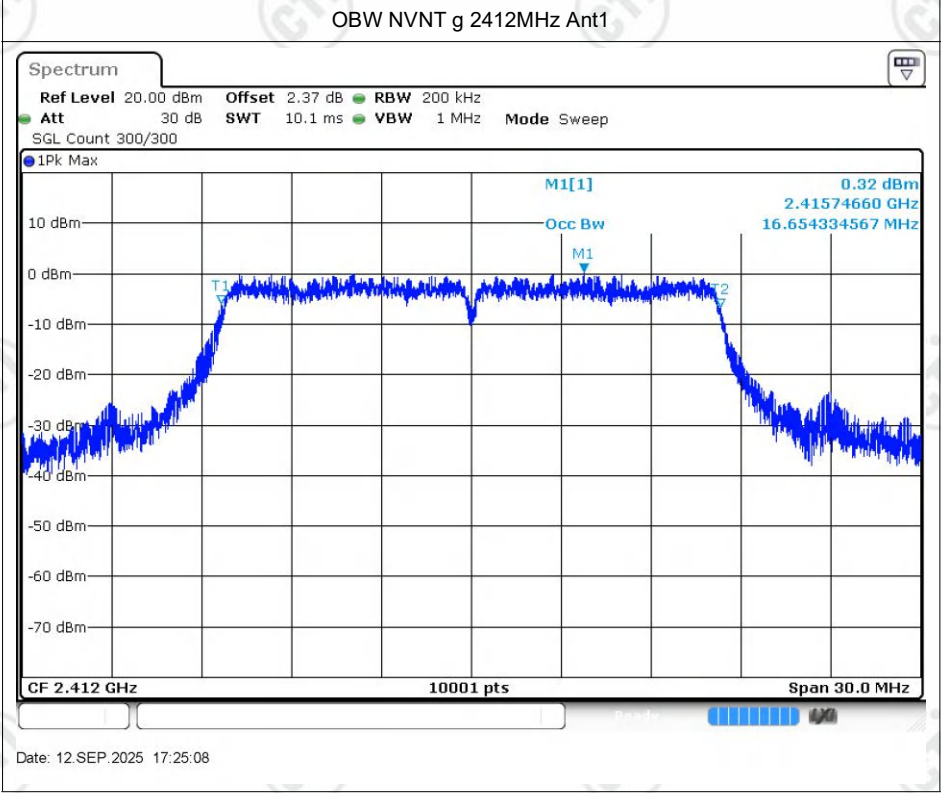
Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | b    | 2412            | Ant1    | 13.421        |
| NVNT      | b    | 2437            | Ant1    | 13.457        |
| NVNT      | b    | 2462            | Ant1    | 13.376        |
| NVNT      | g    | 2412            | Ant1    | 16.654        |
| NVNT      | g    | 2437            | Ant1    | 16.672        |
| NVNT      | g    | 2462            | Ant1    | 16.657        |
| NVNT      | n20  | 2412            | Ant1    | 17.584        |
| NVNT      | n20  | 2437            | Ant1    | 17.656        |
| NVNT      | n20  | 2462            | Ant1    | 17.602        |

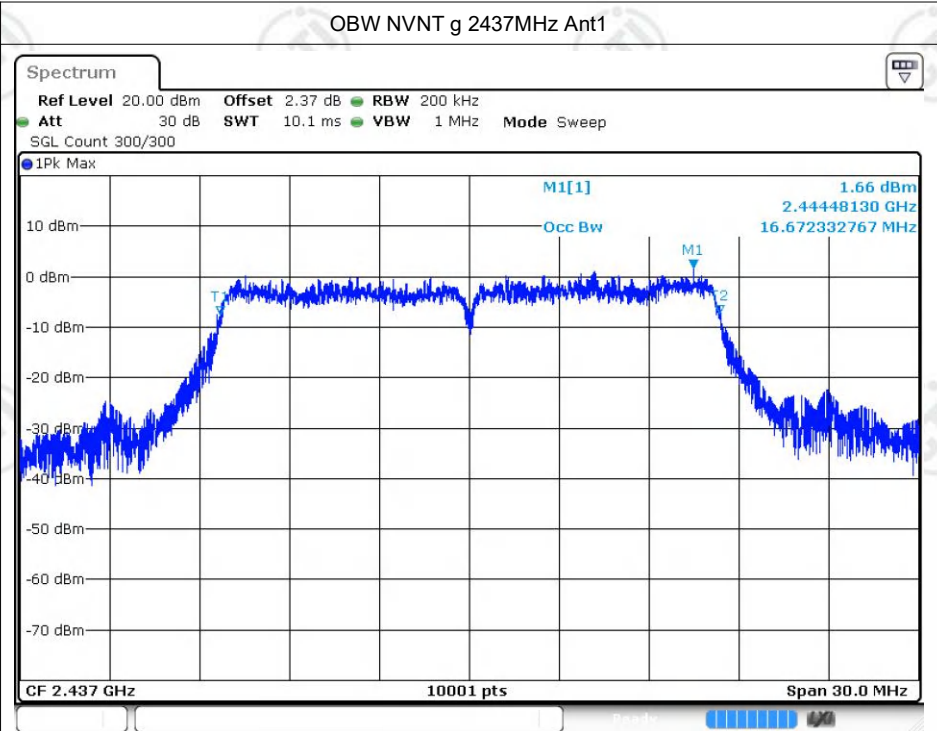




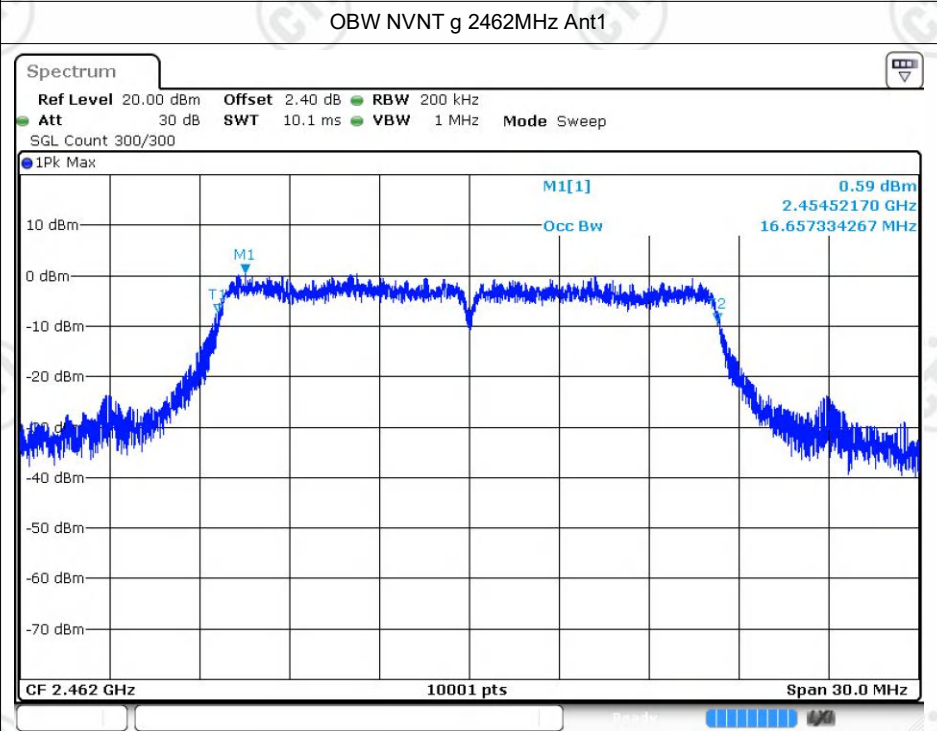
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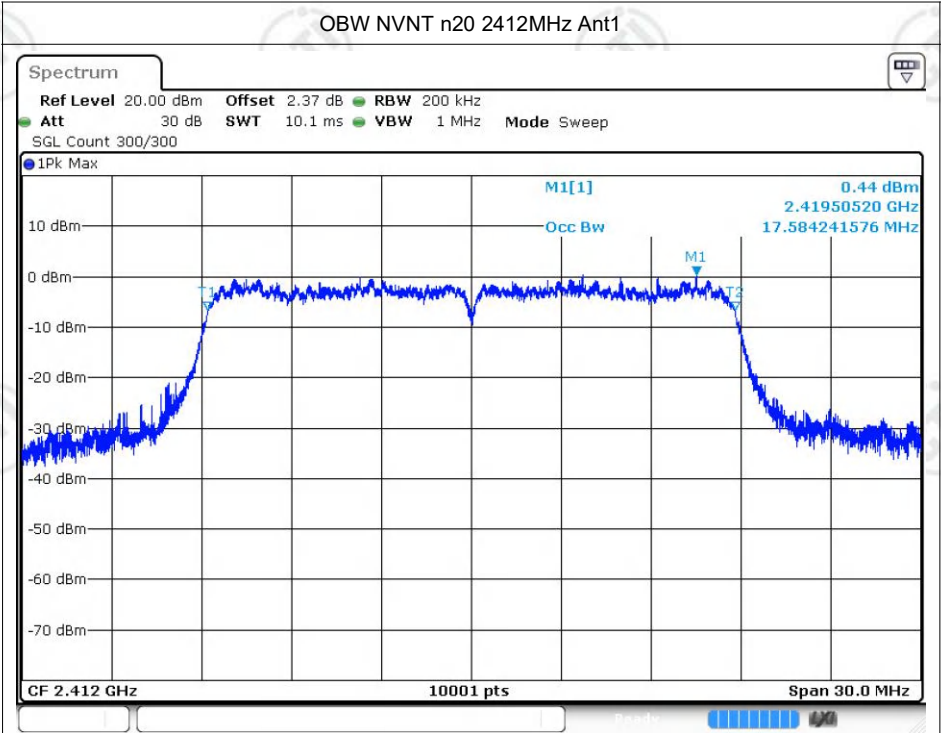
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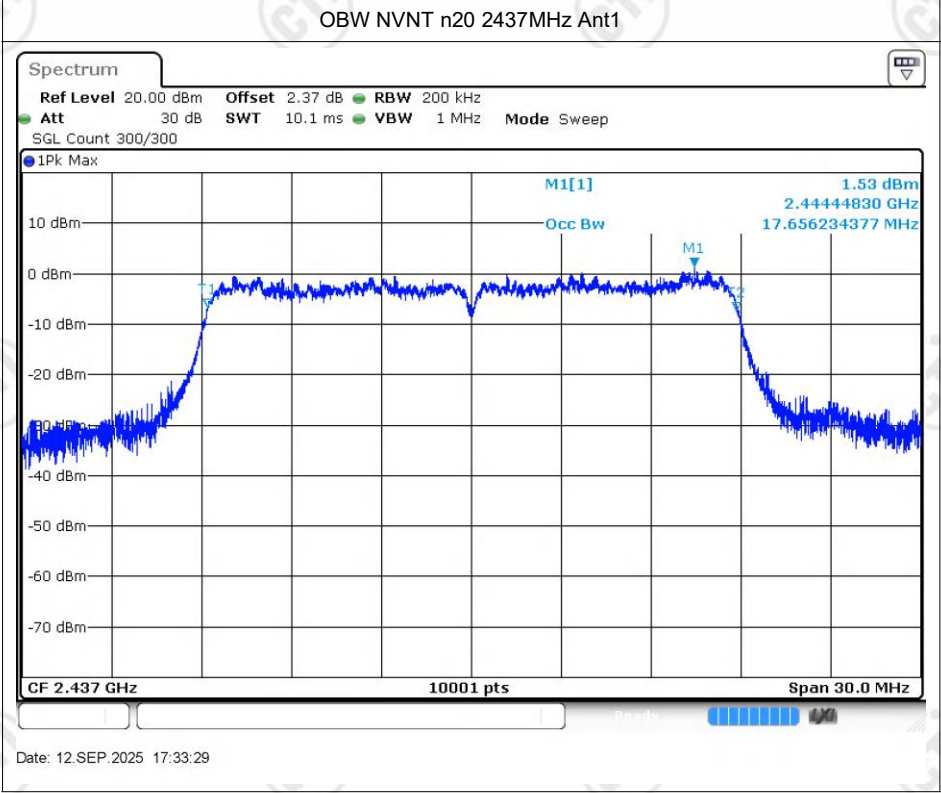
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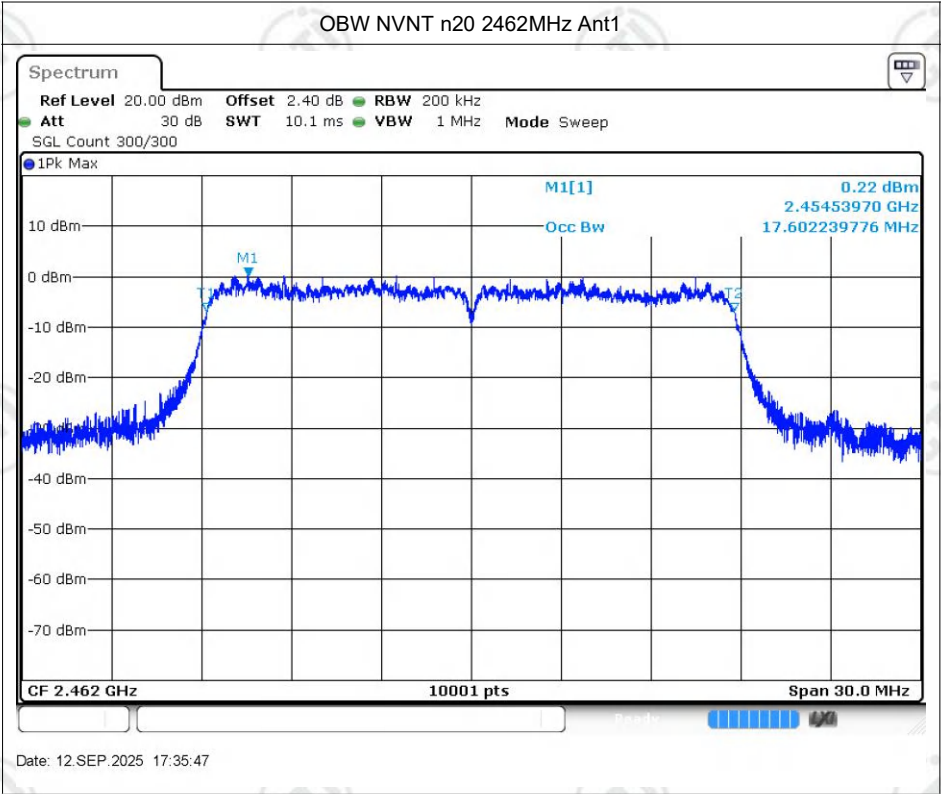
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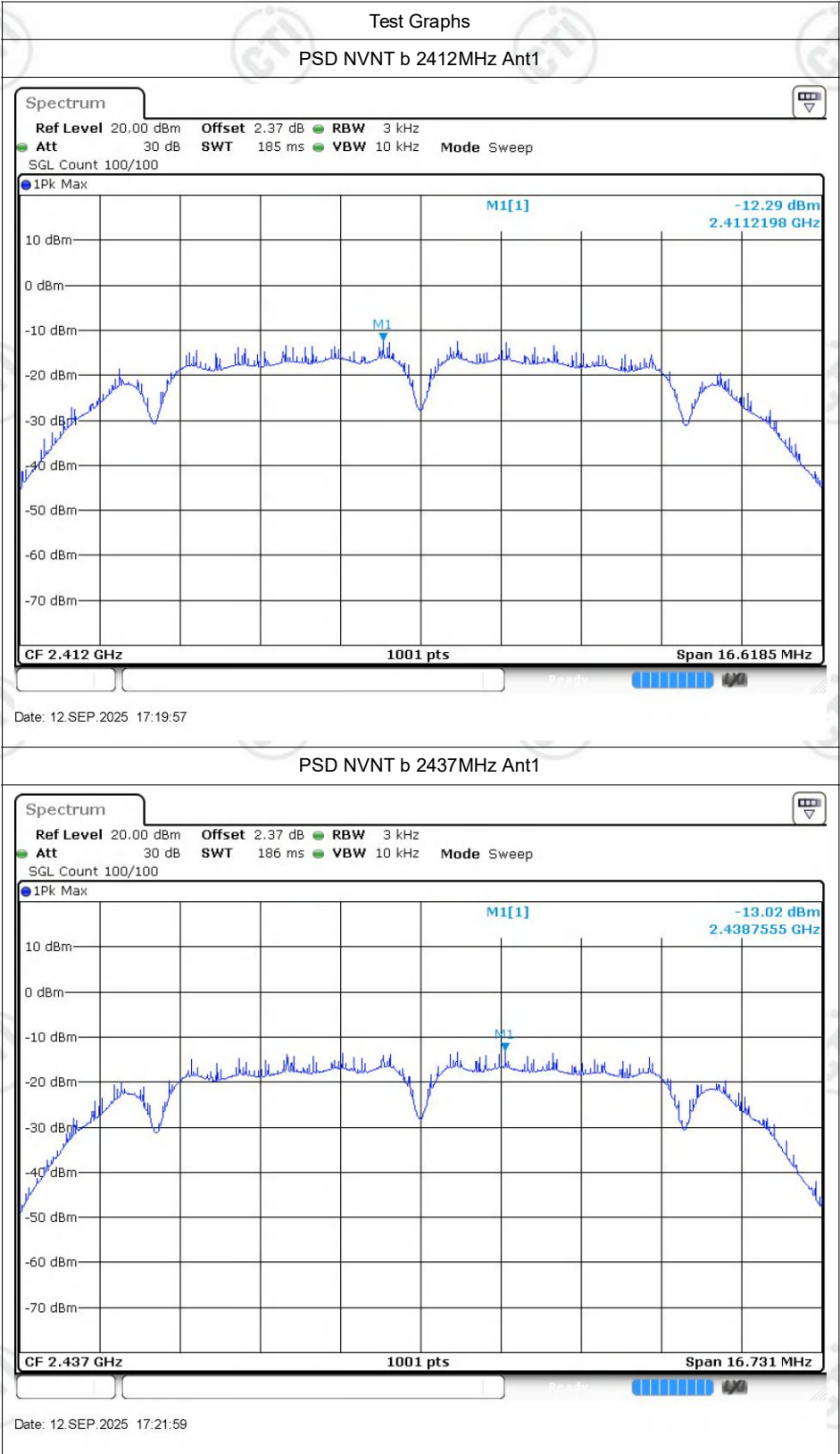


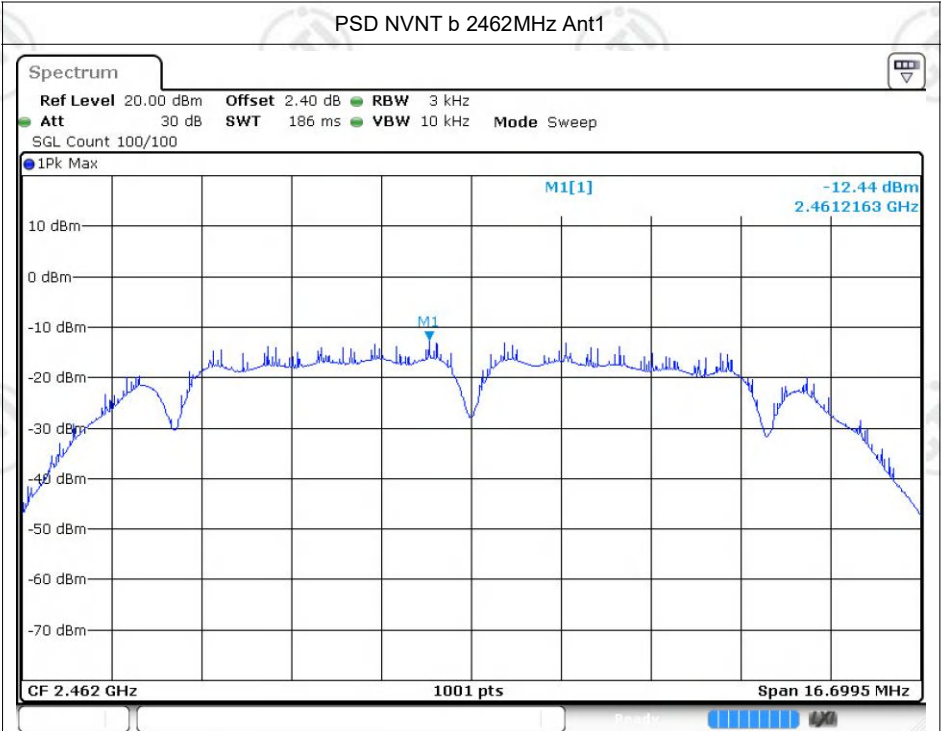
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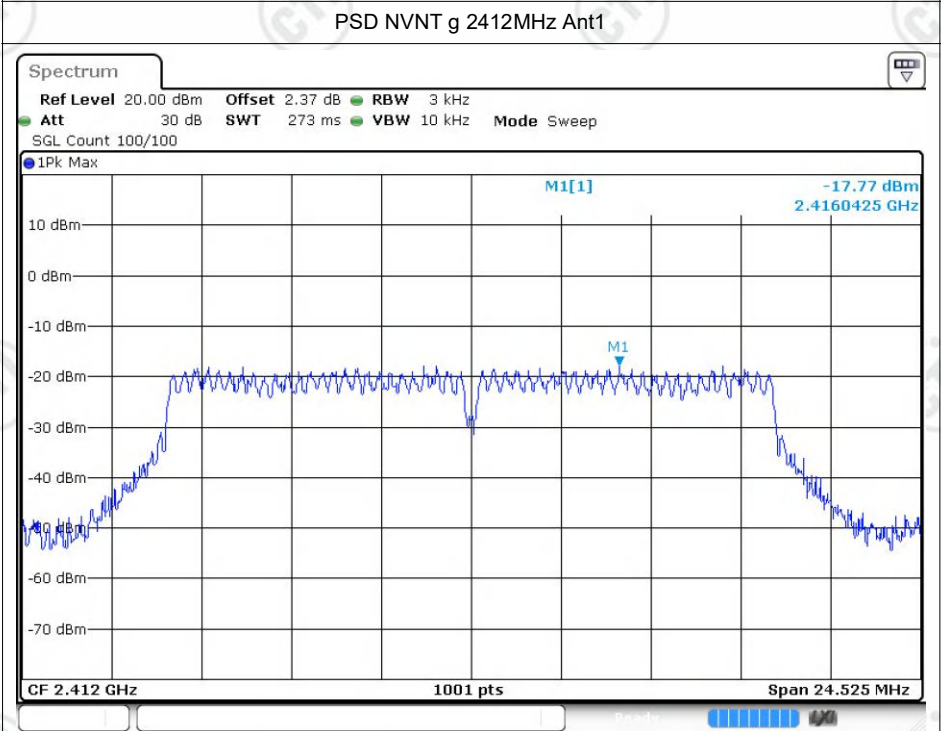
## Maximum Power Spectral Density Level

| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted PSD<br>(dBm/3kHz) | Limit<br>(dBm/3kHz) | Verdict |
|-----------|------|--------------------|---------|-----------------------------|---------------------|---------|
| NVNT      | b    | 2412               | Ant1    | -12.29                      | 8                   | Pass    |
| NVNT      | b    | 2437               | Ant1    | -13.02                      | 8                   | Pass    |
| NVNT      | b    | 2462               | Ant1    | -12.44                      | 8                   | Pass    |
| NVNT      | g    | 2412               | Ant1    | -17.77                      | 8                   | Pass    |
| NVNT      | g    | 2437               | Ant1    | -15.72                      | 8                   | Pass    |
| NVNT      | g    | 2462               | Ant1    | -17.37                      | 8                   | Pass    |
| NVNT      | n20  | 2412               | Ant1    | -16.92                      | 8                   | Pass    |
| NVNT      | n20  | 2437               | Ant1    | -16.33                      | 8                   | Pass    |
| NVNT      | n20  | 2462               | Ant1    | -16.32                      | 8                   | Pass    |

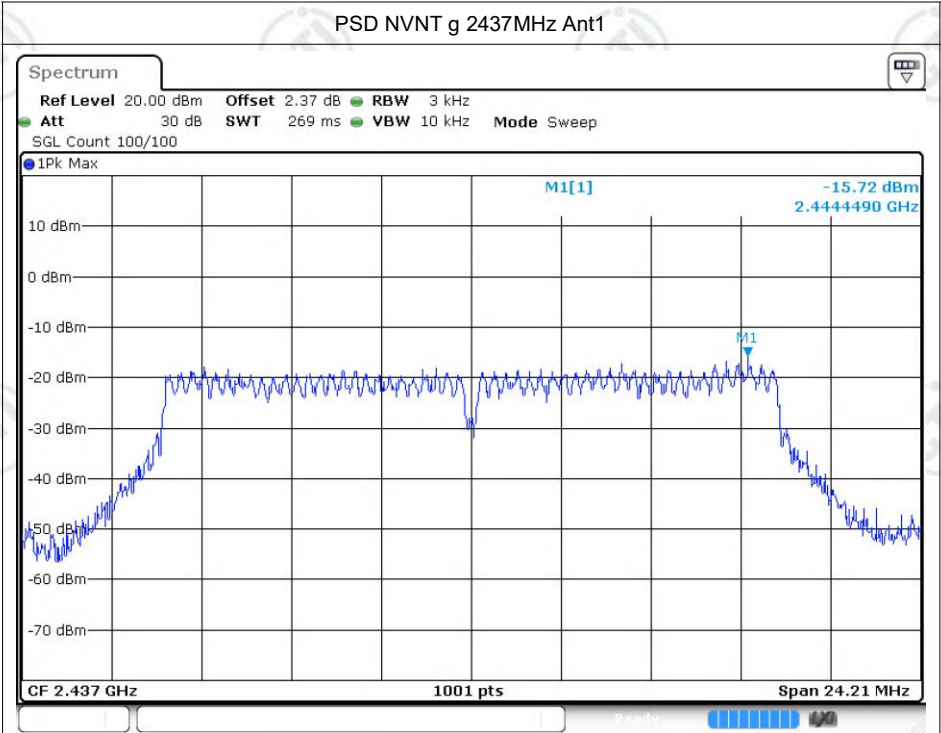




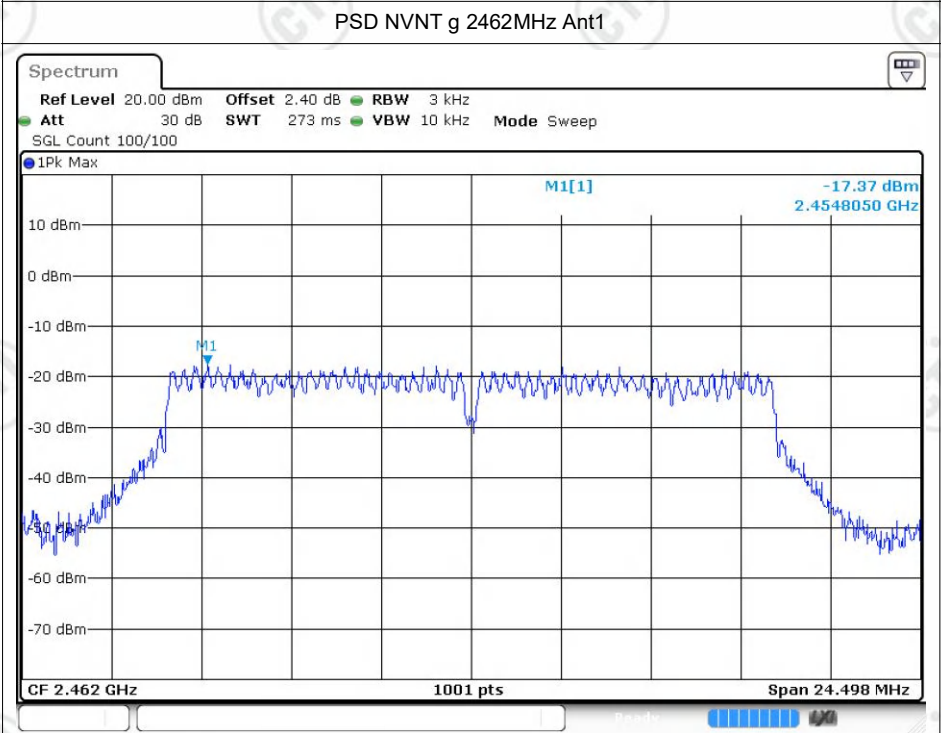
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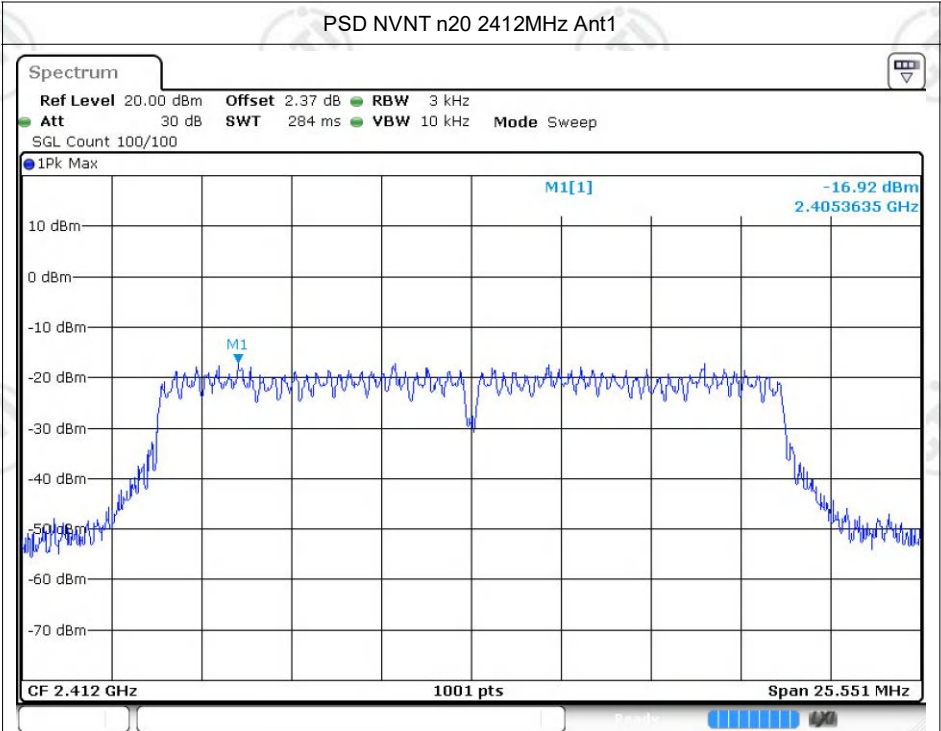
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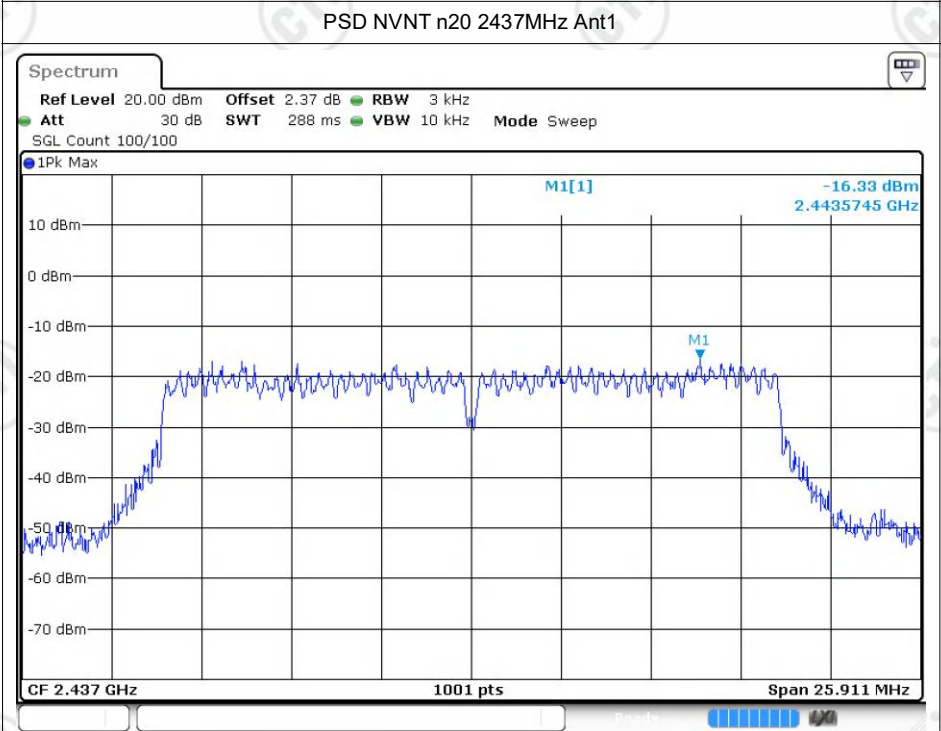
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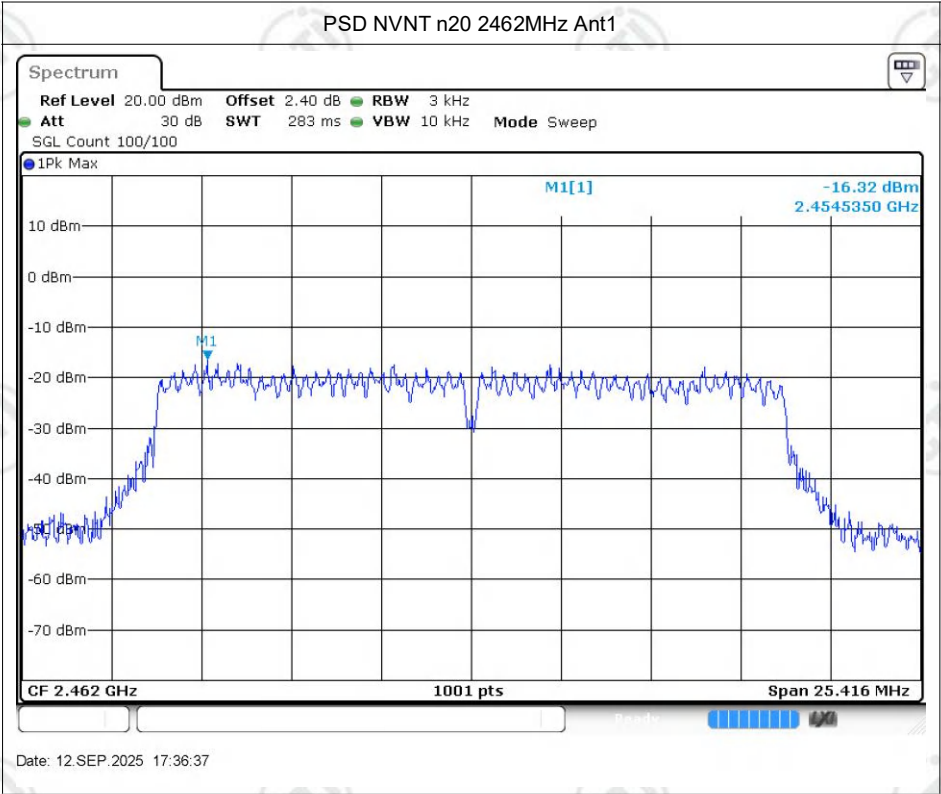
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Date: 12.SEP.2025 17:32:37

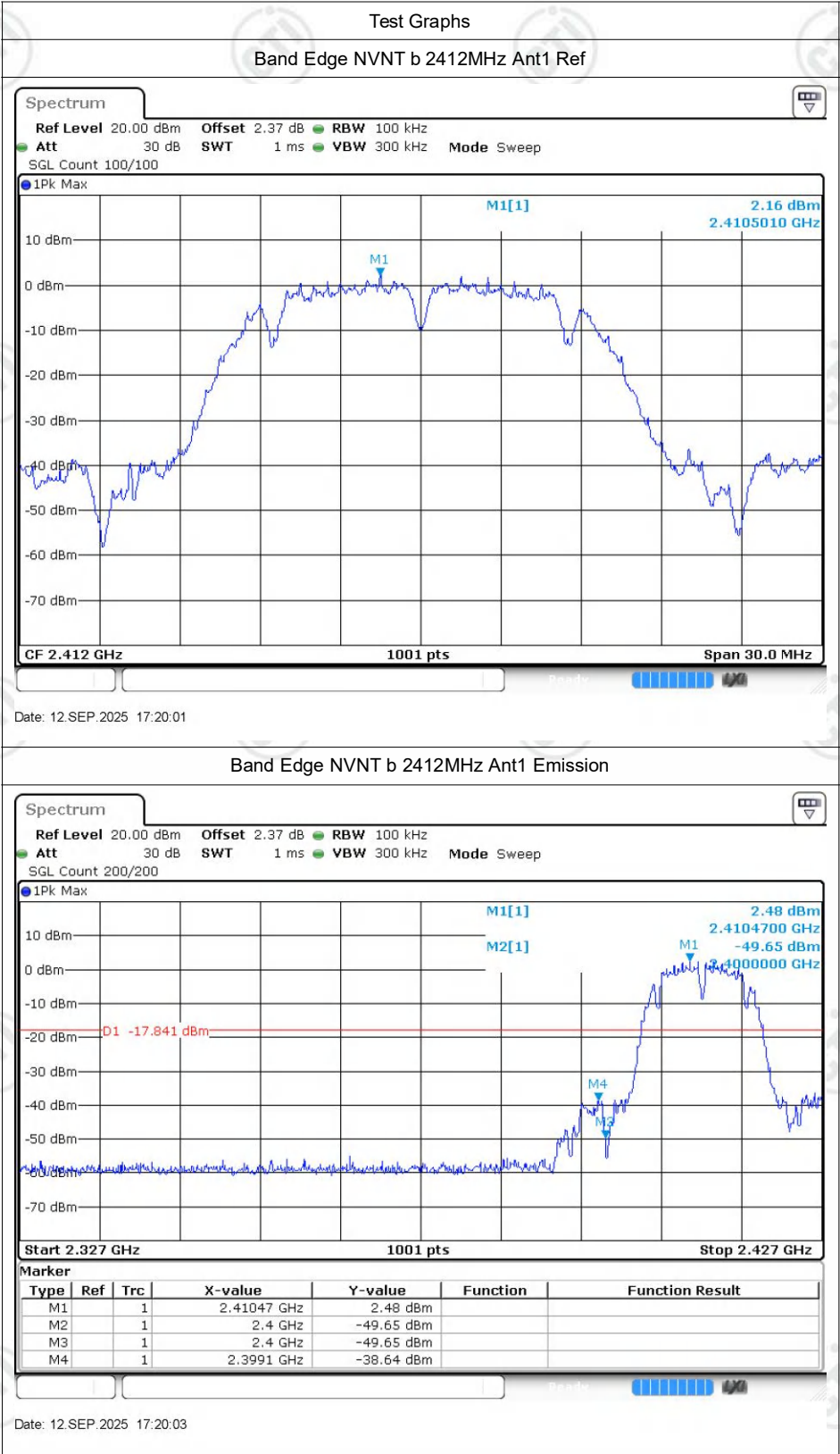


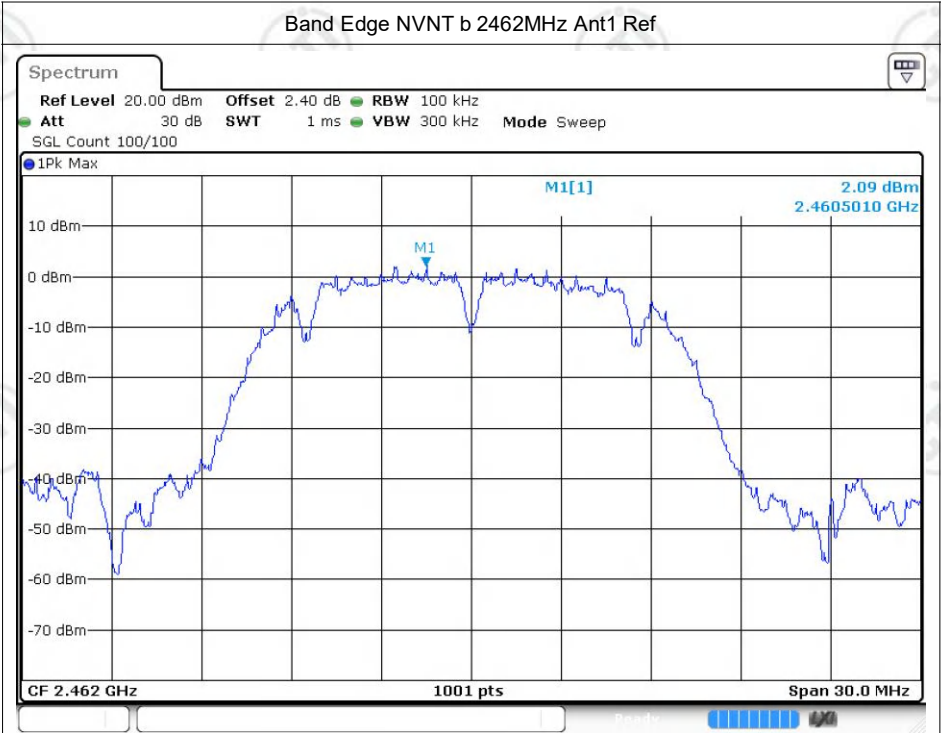
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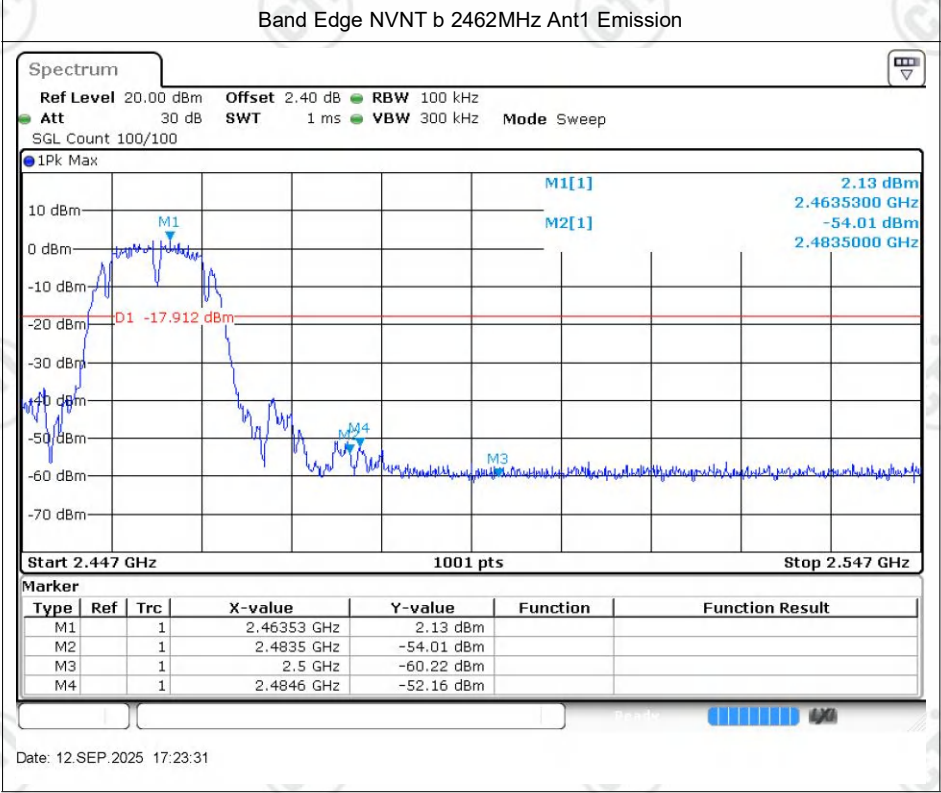
Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -40.79          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -54.25          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -29.81          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -43.36          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -29.16          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -41.49          | -20         | Pass    |

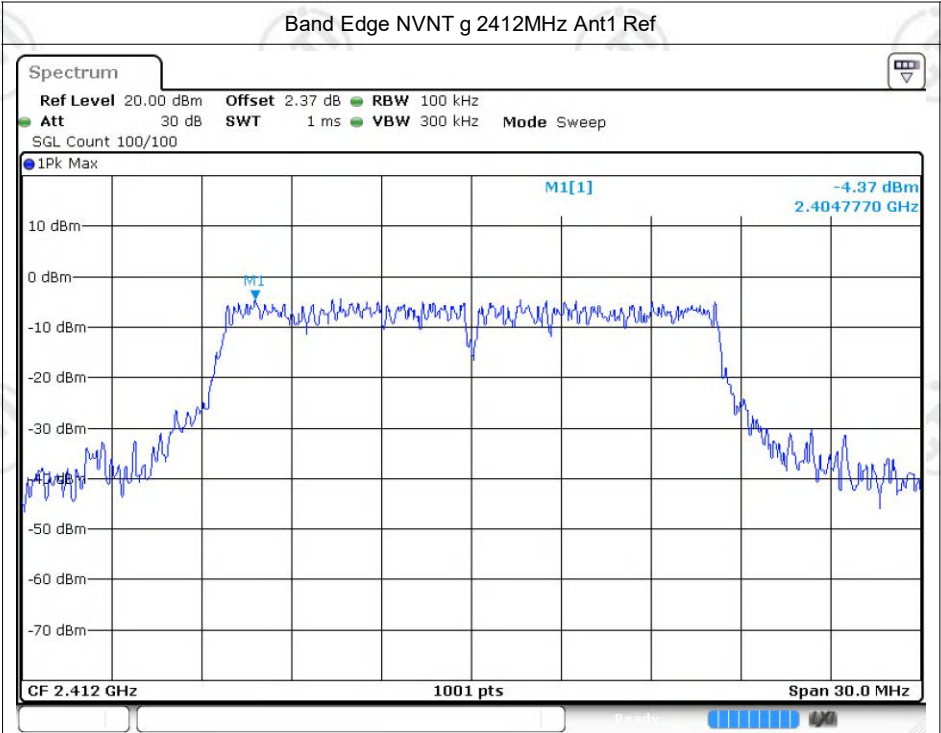




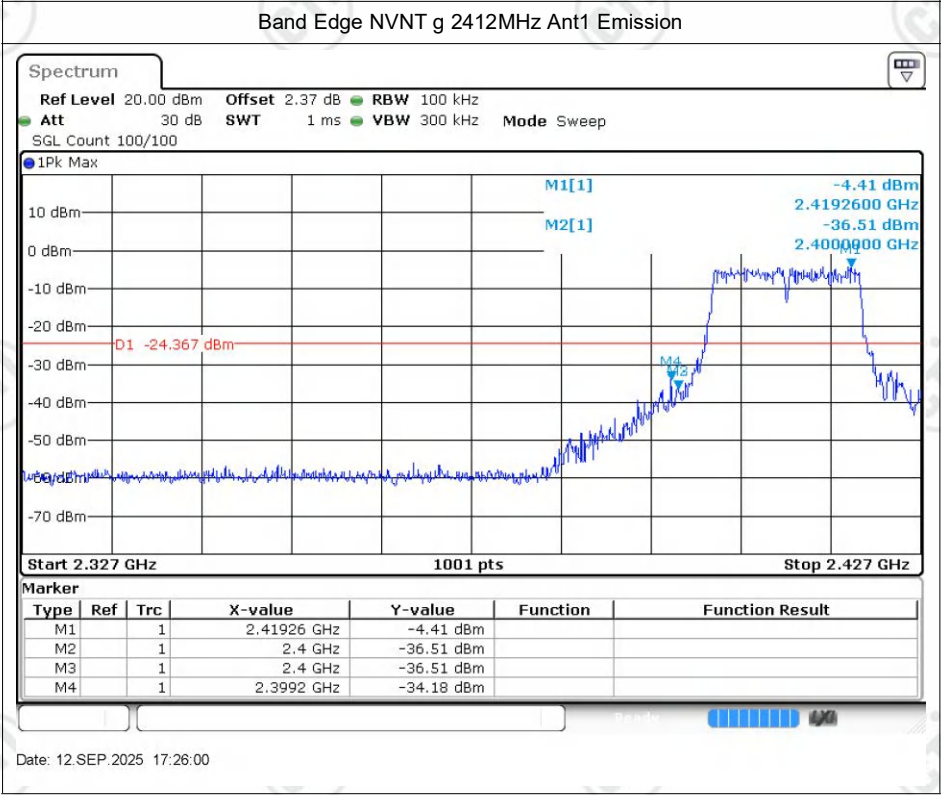
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Date: 12.SEP.2025 17:25:59



Date: 12.SEP.2025 17:26:00