

## Appendix: Bluetooth LE

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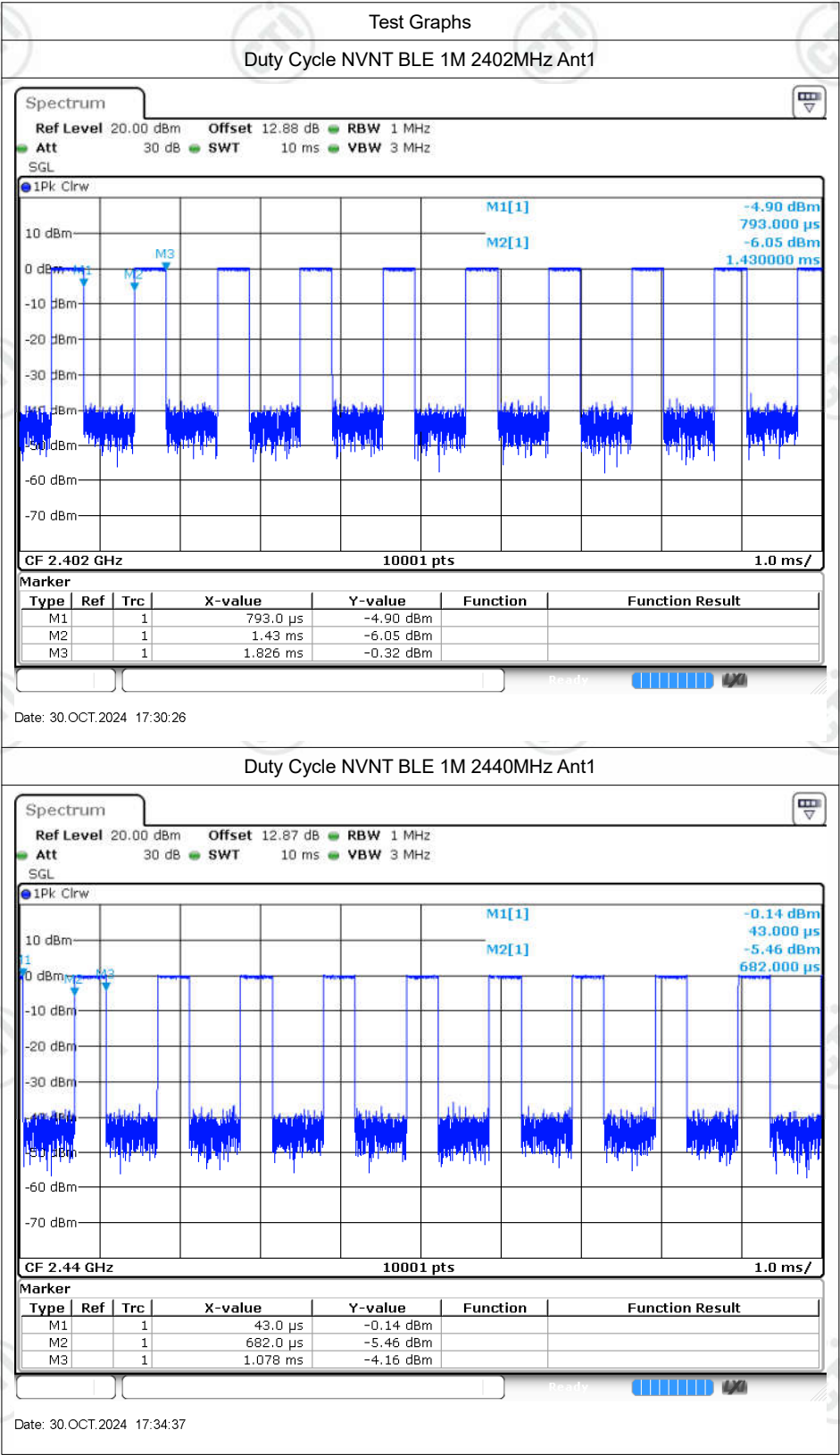
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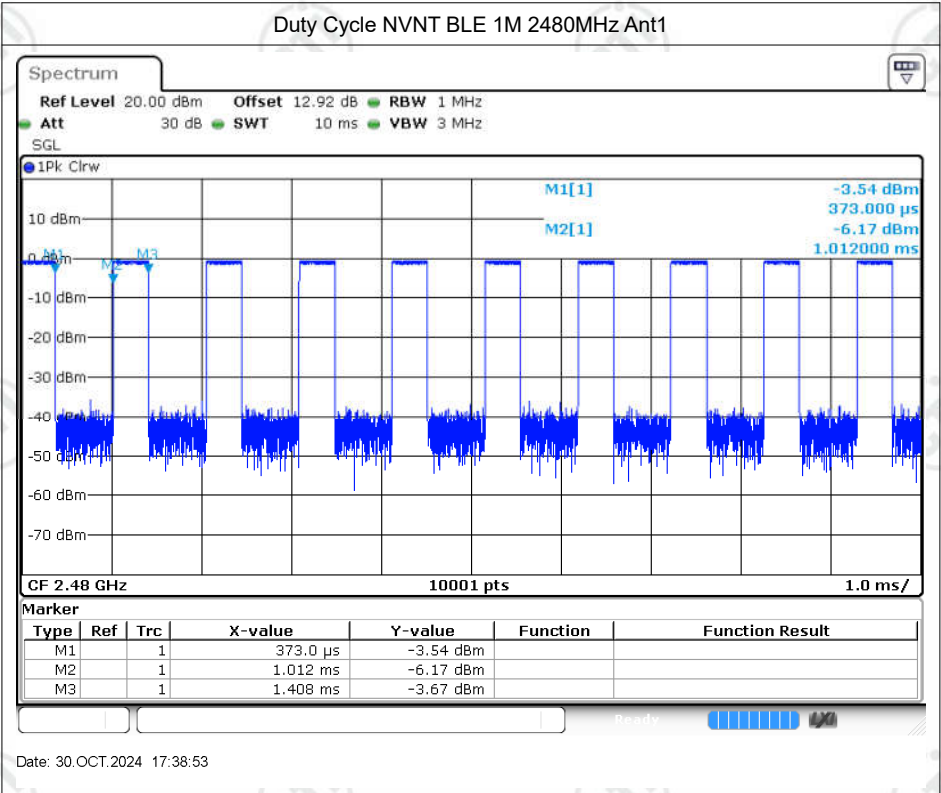
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Duty Cycle

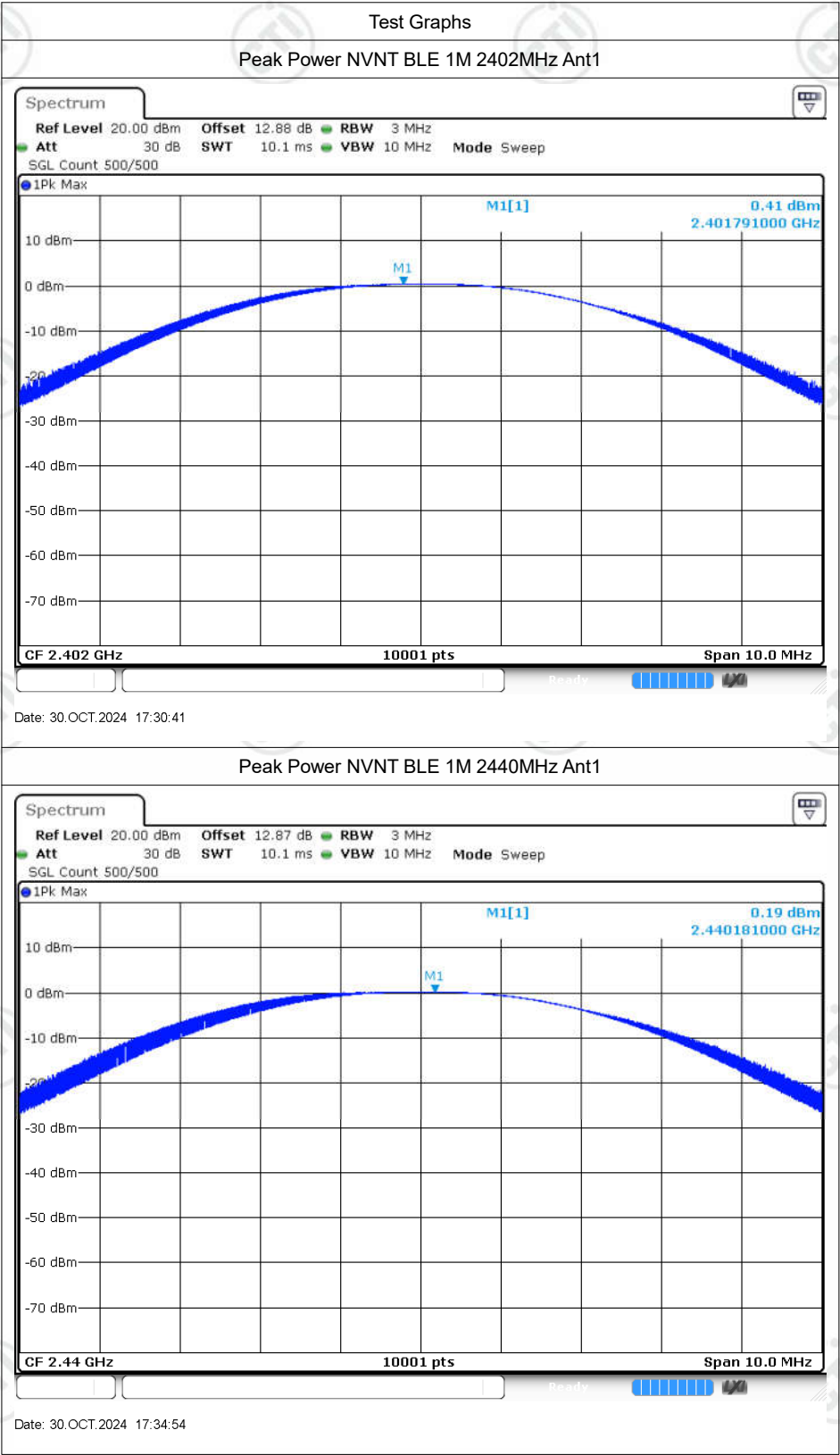
| Condition | Mode   | Frequency (MHz) | Antenna | Duty Cycle (%) |
|-----------|--------|-----------------|---------|----------------|
| NVNT      | BLE 1M | 2402            | Ant1    | 38.33          |
| NVNT      | BLE 1M | 2440            | Ant1    | 38.26          |
| NVNT      | BLE 1M | 2480            | Ant1    | 38.26          |

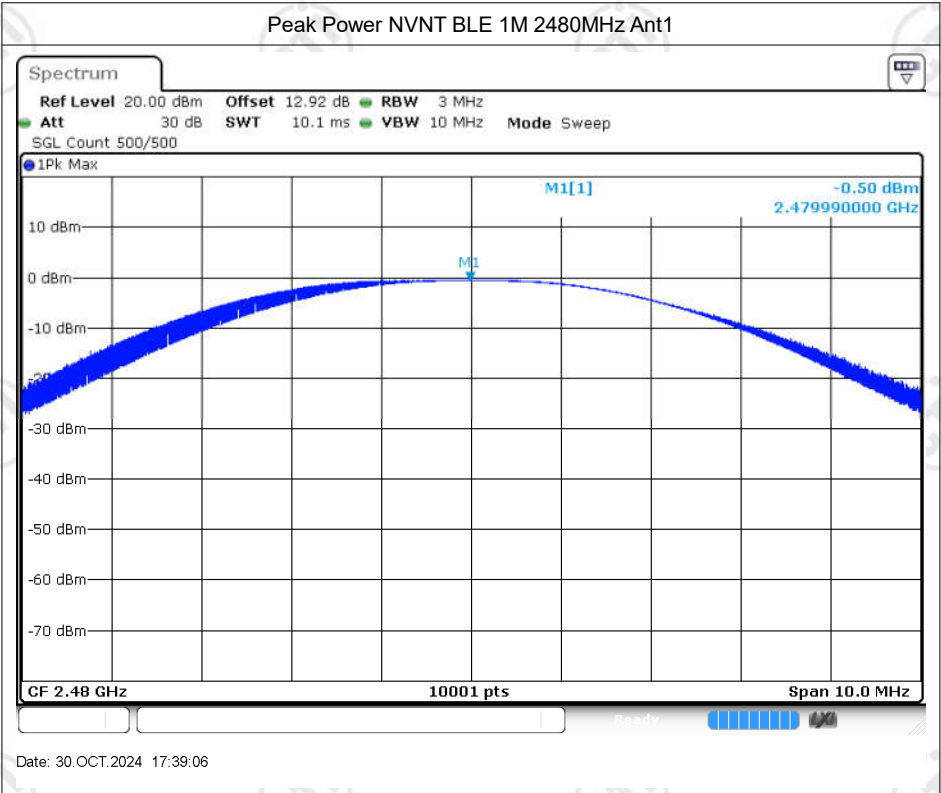




Maximum Peak Conducted Output Power

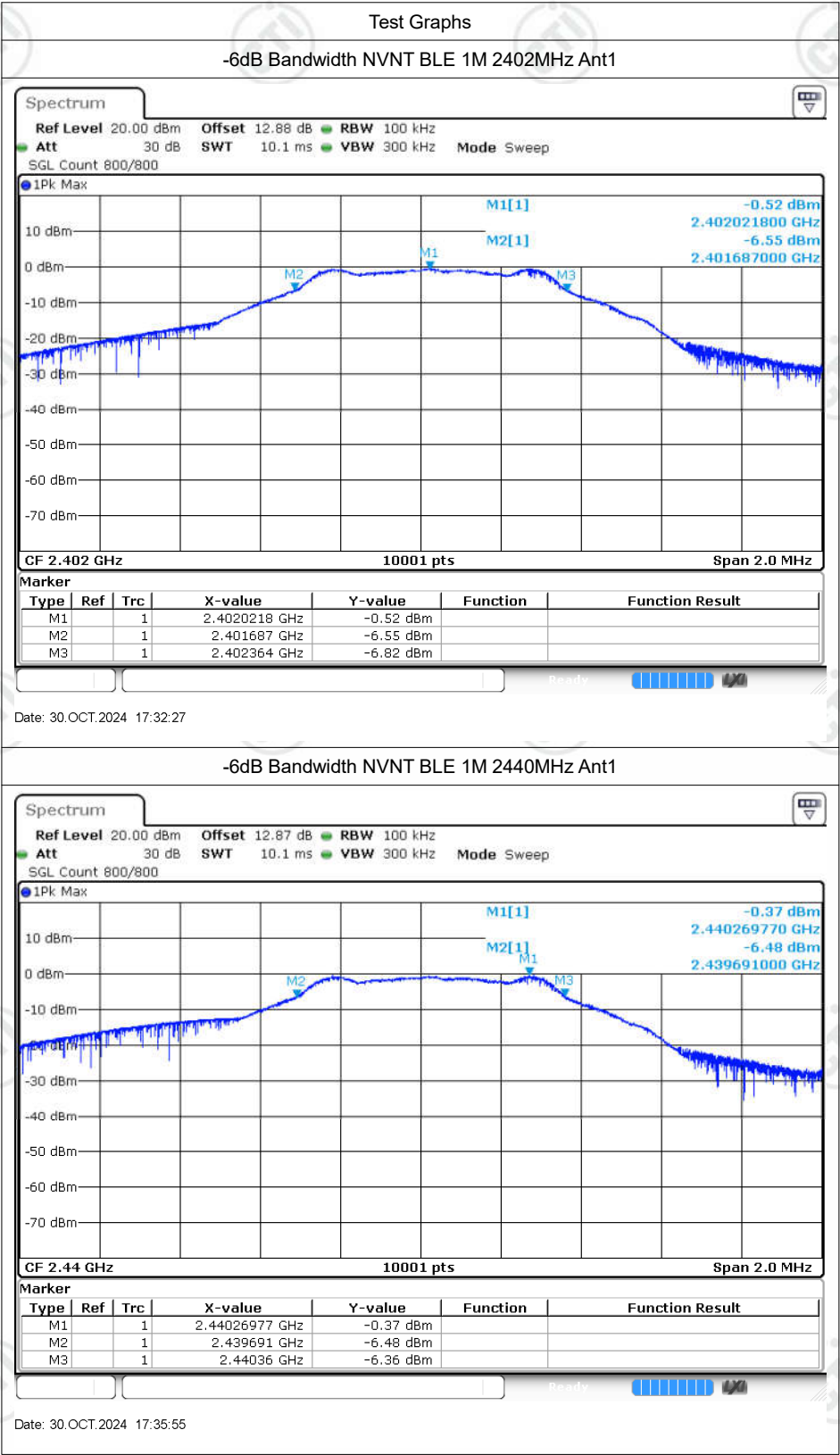
| Condition | Mode   | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|--------|--------------------|---------|--------------------------|----------------|---------|
| NVNT      | BLE 1M | 2402               | Ant1    | 0.41                     | 30             | Pass    |
| NVNT      | BLE 1M | 2440               | Ant1    | 0.19                     | 30             | Pass    |
| NVNT      | BLE 1M | 2480               | Ant1    | -0.5                     | 30             | Pass    |

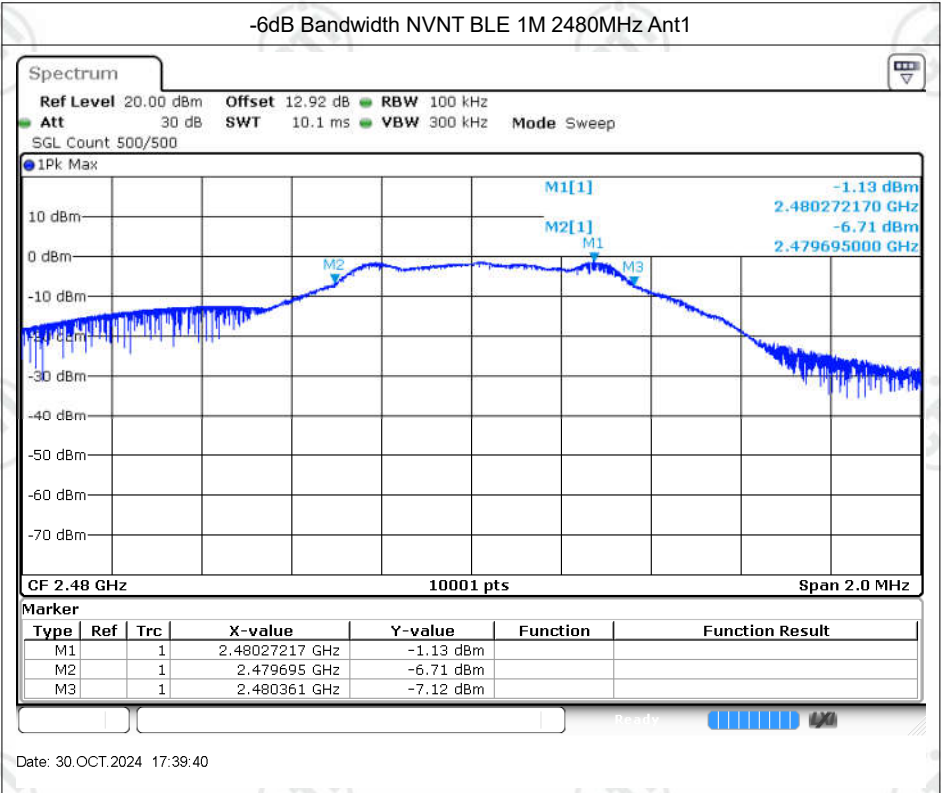




-6dB Bandwidth

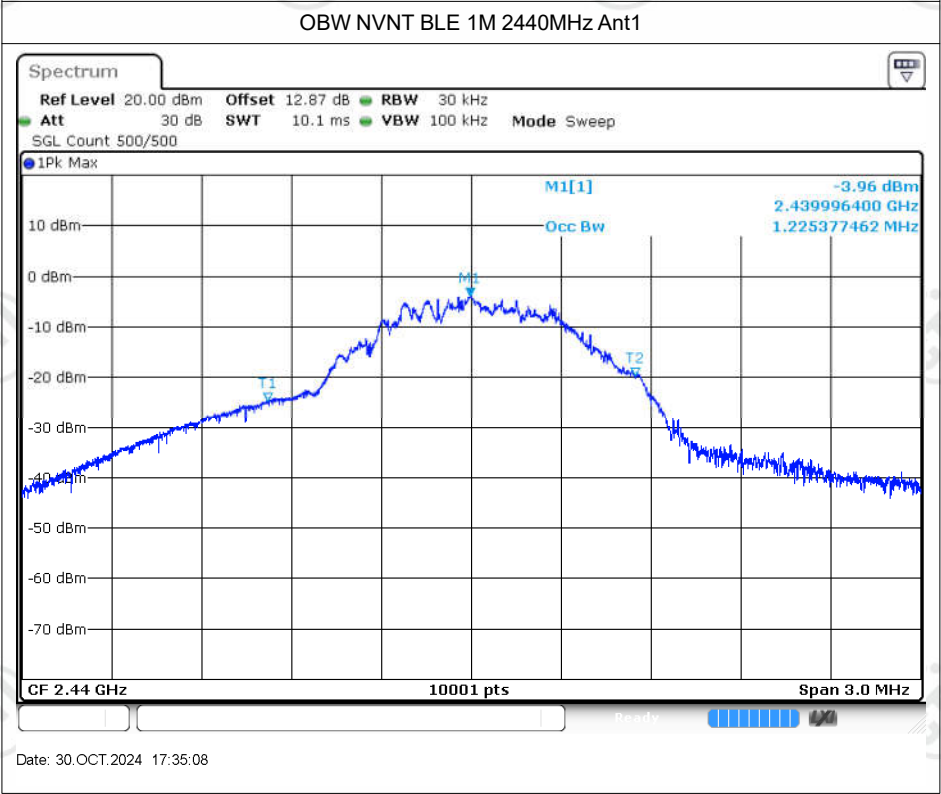
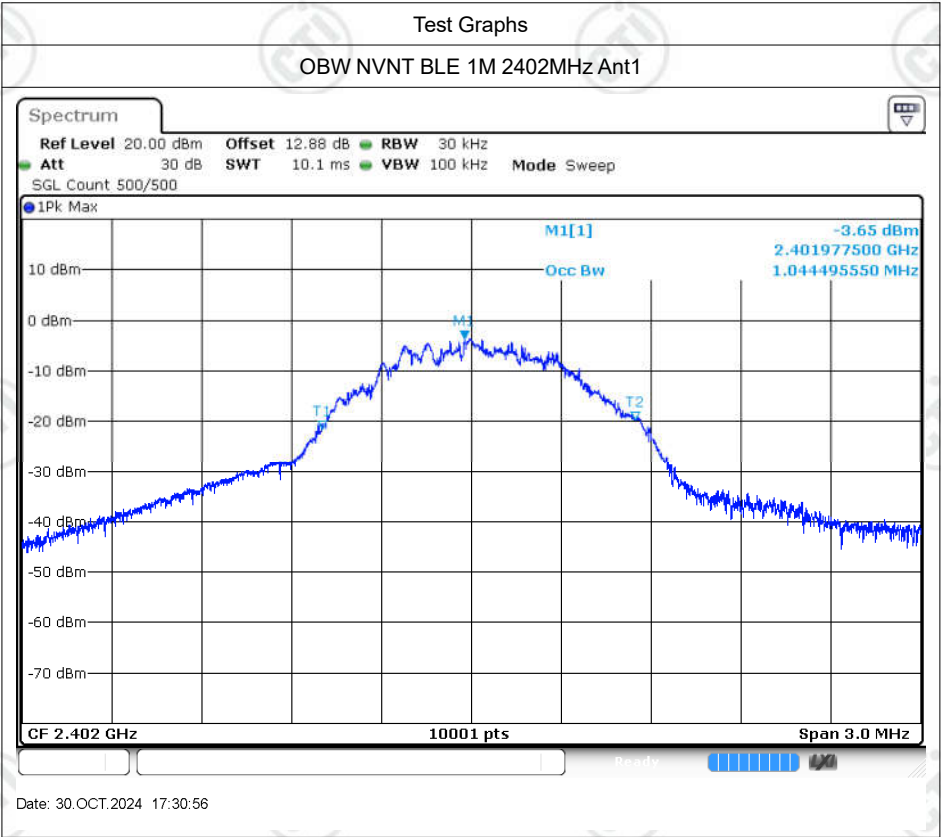
| Condition | Mode   | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | 0.677                 | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | 0.669                 | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 0.666                 | 0.5                         | Pass    |

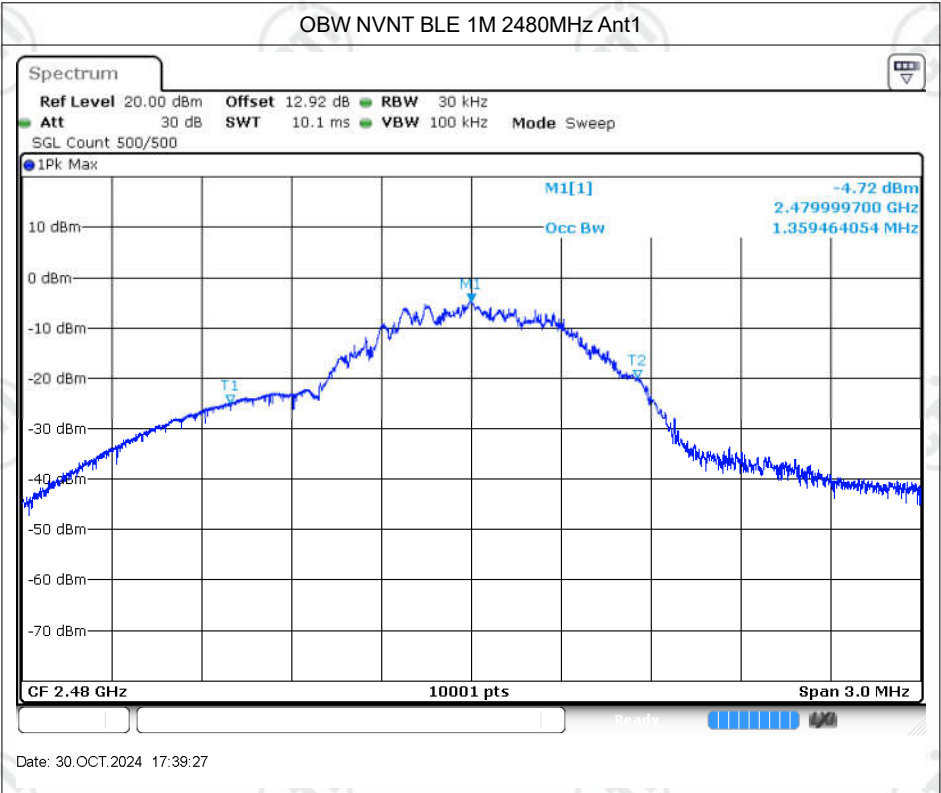




Occupied Channel Bandwidth

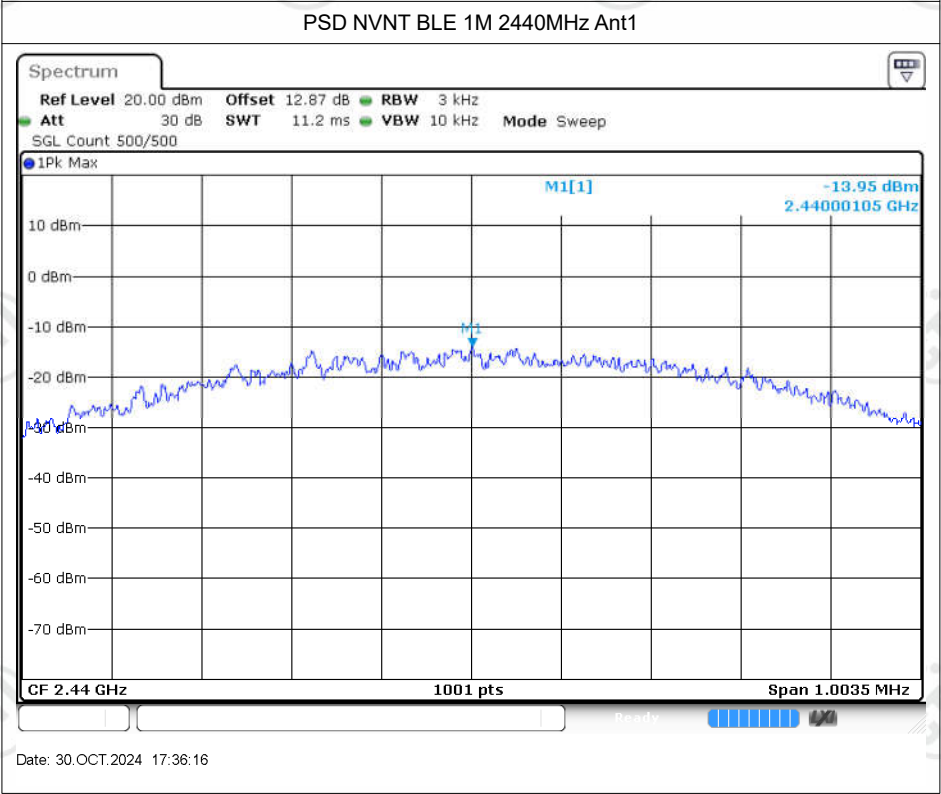
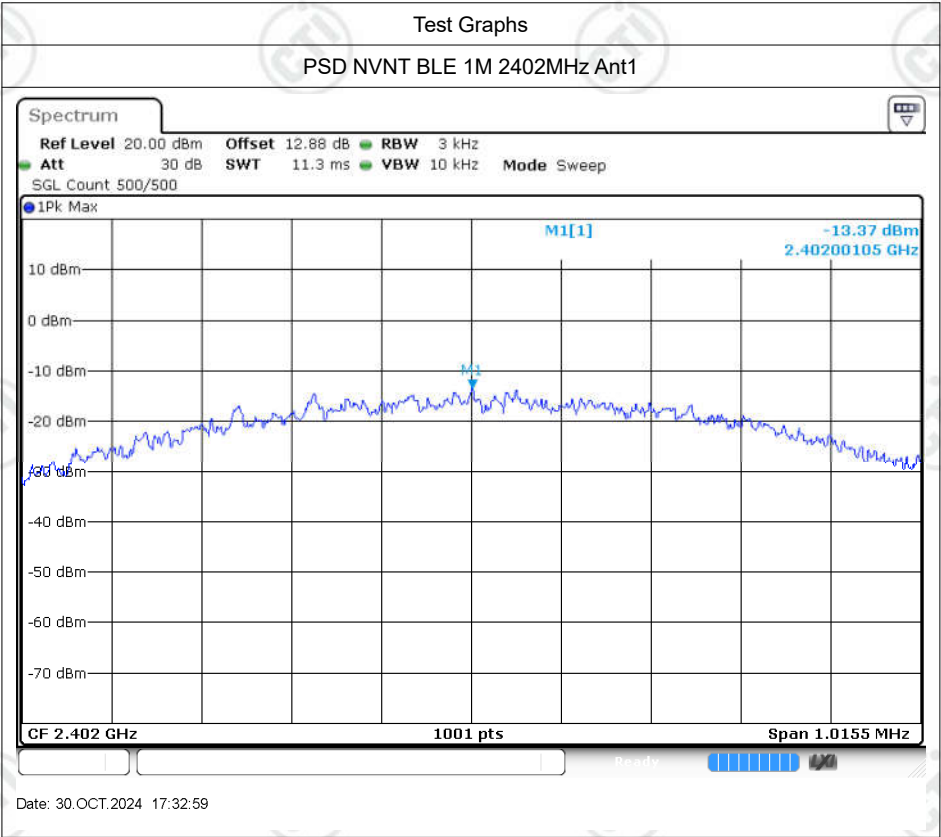
| Condition | Mode   | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|--------|-----------------|---------|---------------|
| NVNT      | BLE 1M | 2402            | Ant1    | 1.044         |
| NVNT      | BLE 1M | 2440            | Ant1    | 1.225         |
| NVNT      | BLE 1M | 2480            | Ant1    | 1.359         |

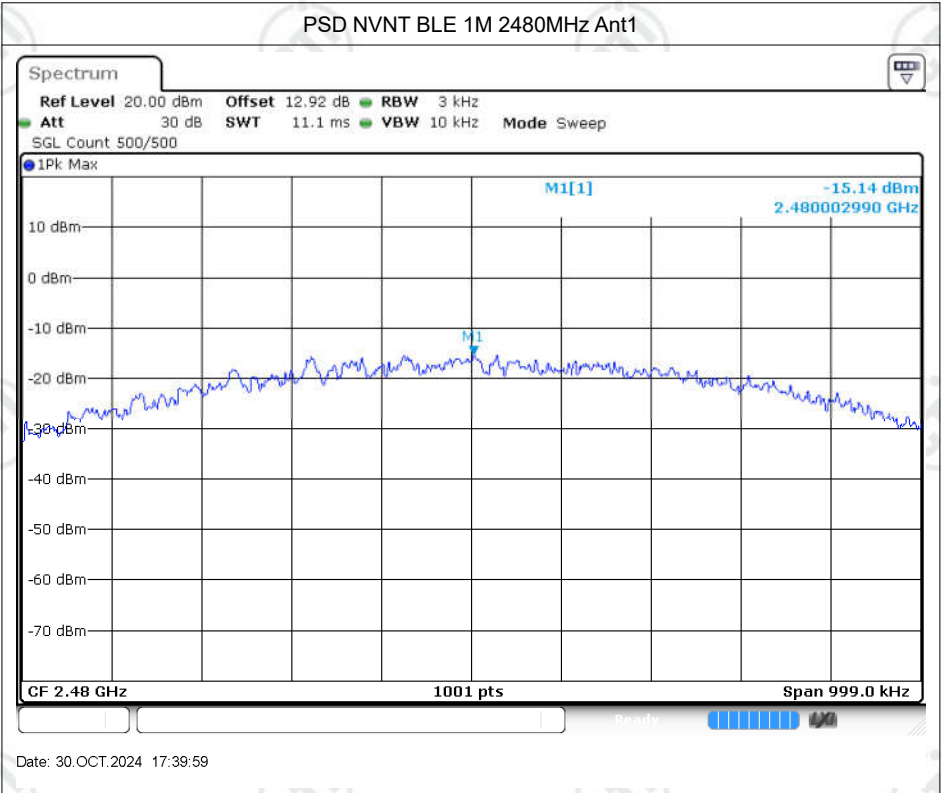




Maximum Power Spectral Density Level

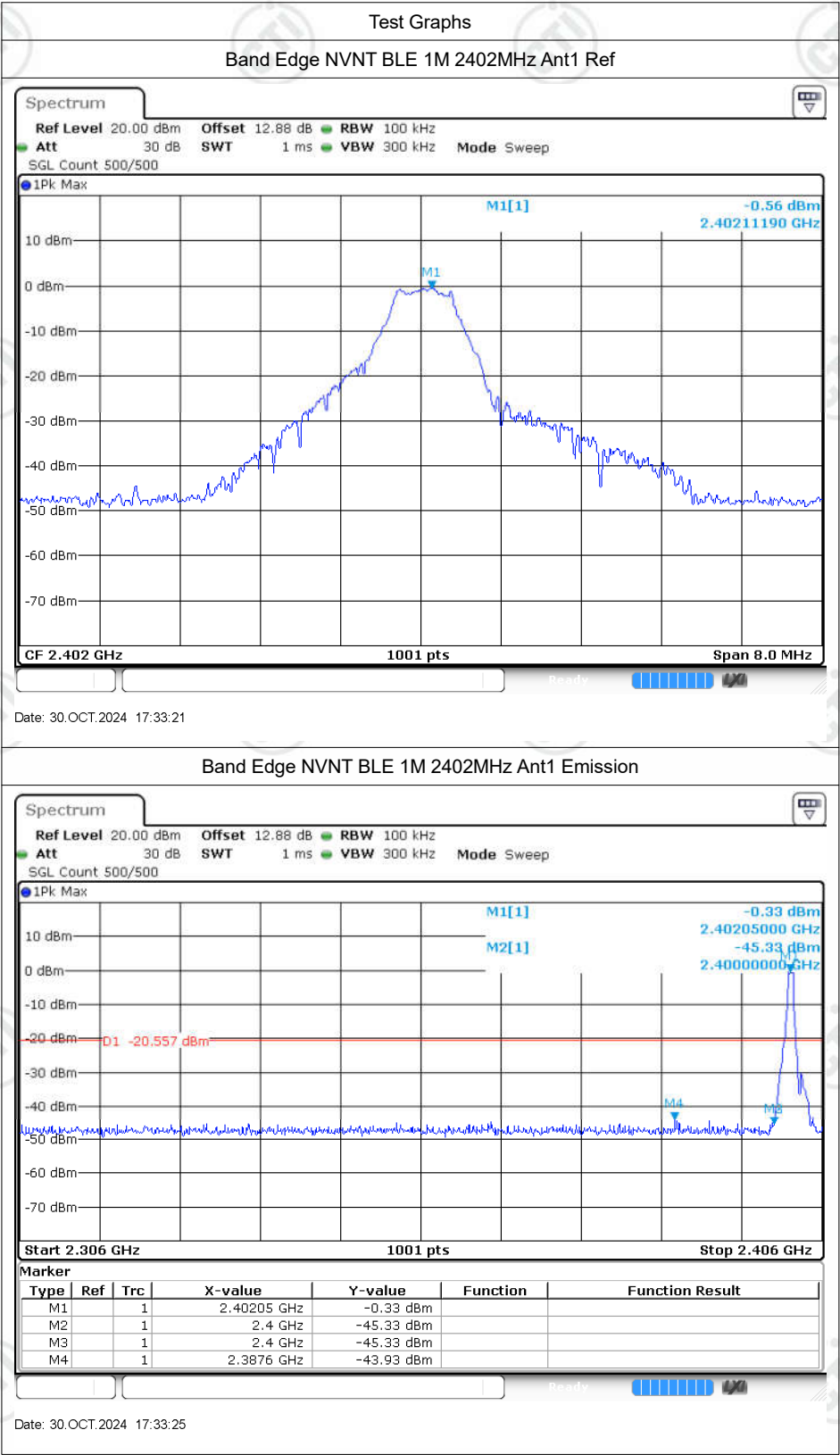
| Condition | Mode   | Frequency<br>(MHz) | Antenna | Conducted PSD<br>(dBm/3kHz) | Limit<br>(dBm/3kHz) | Verdict |
|-----------|--------|--------------------|---------|-----------------------------|---------------------|---------|
| NVNT      | BLE 1M | 2402               | Ant1    | -13.37                      | 8                   | Pass    |
| NVNT      | BLE 1M | 2440               | Ant1    | -13.95                      | 8                   | Pass    |
| NVNT      | BLE 1M | 2480               | Ant1    | -15.14                      | 8                   | Pass    |

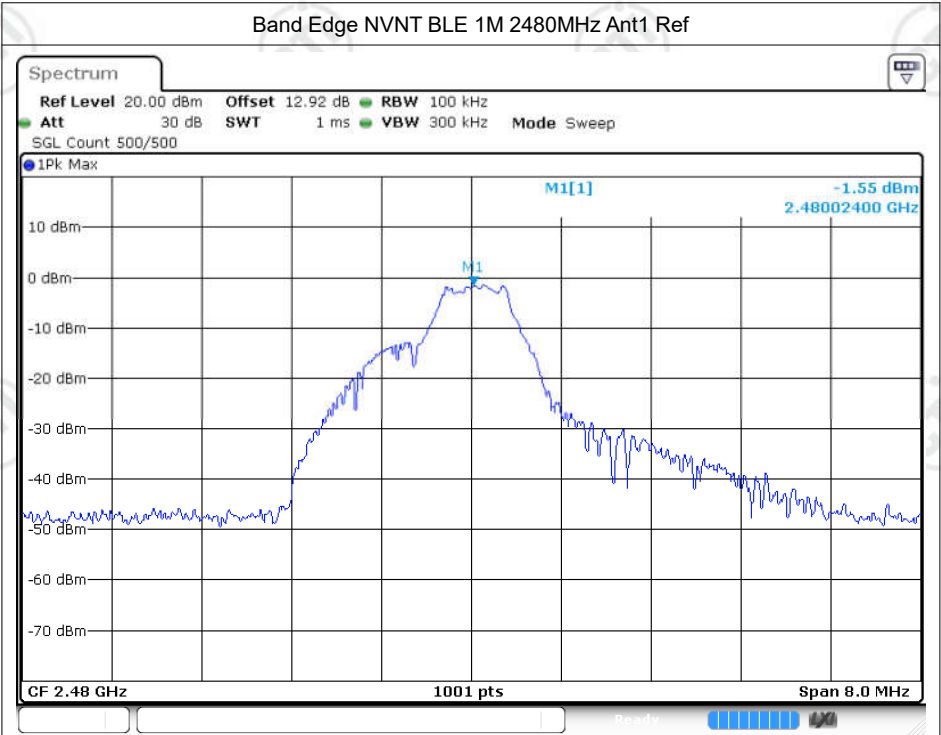




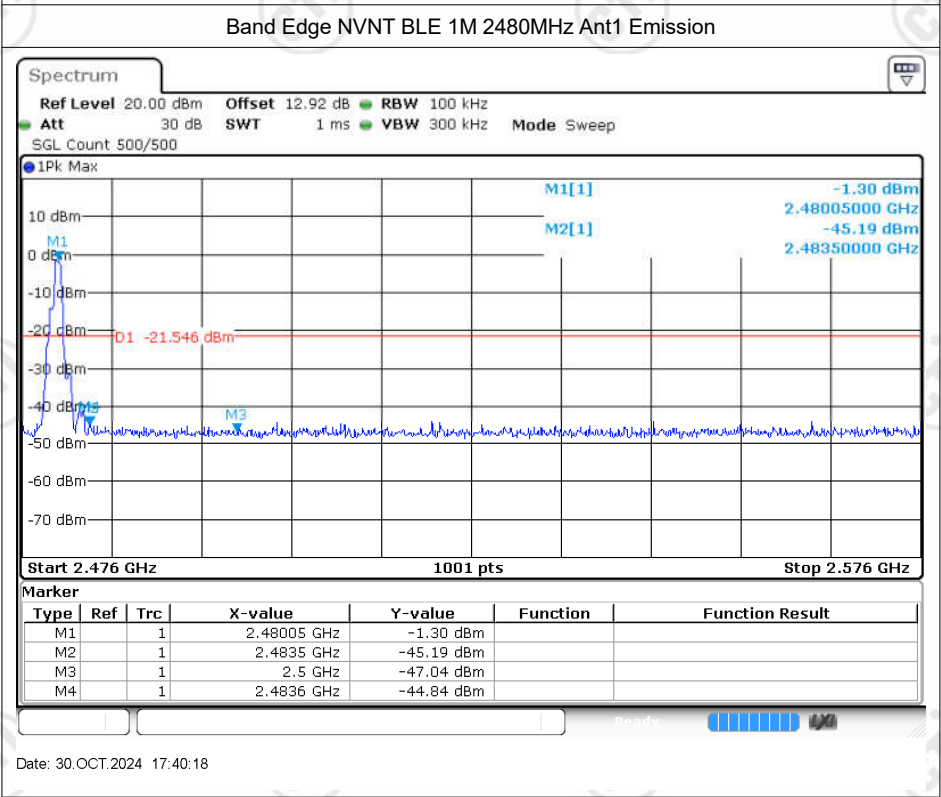
Band Edge

| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -43.37          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -43.28          | -20         | Pass    |





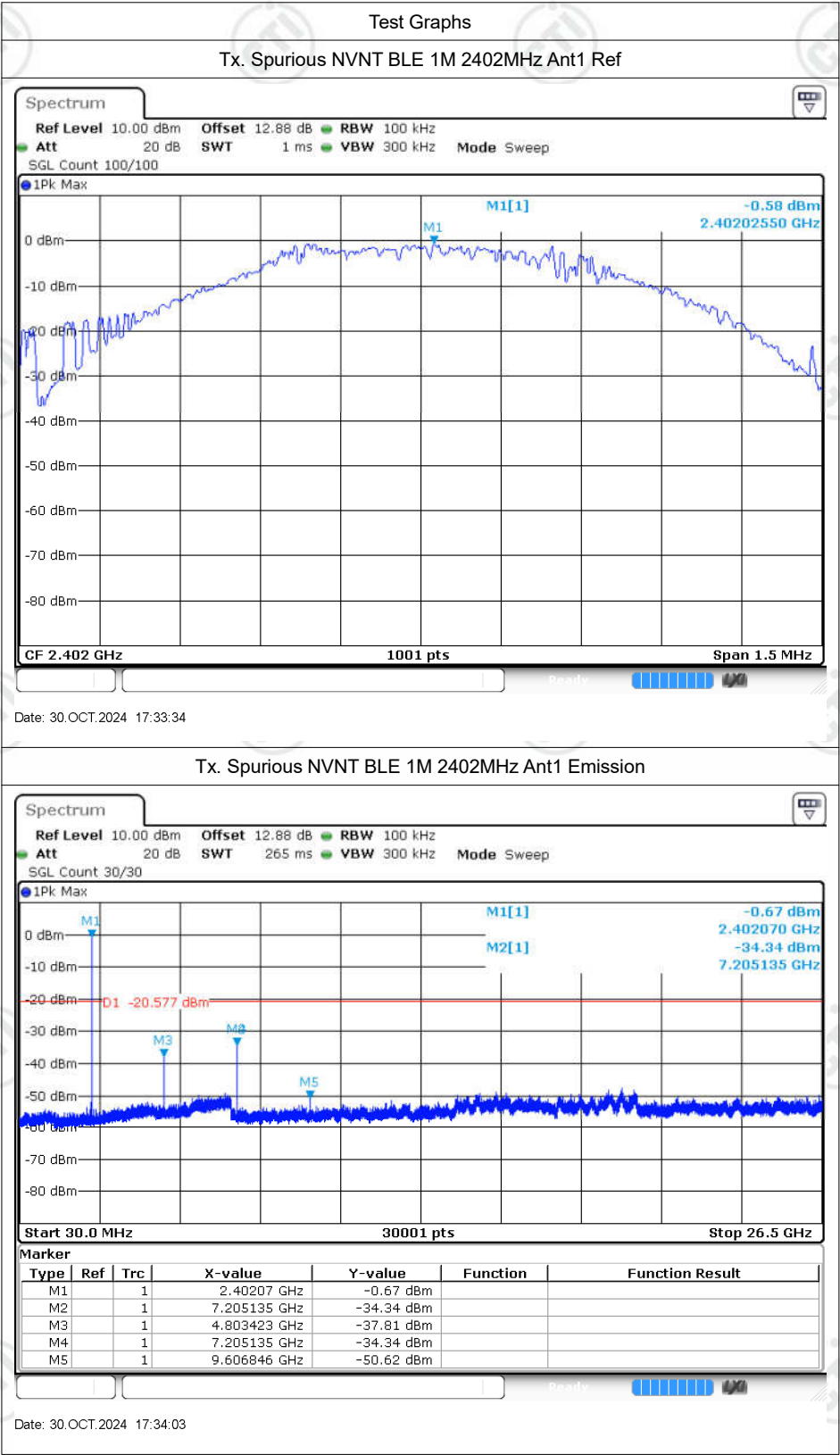
Date: 30.OCT.2024 17:40:16

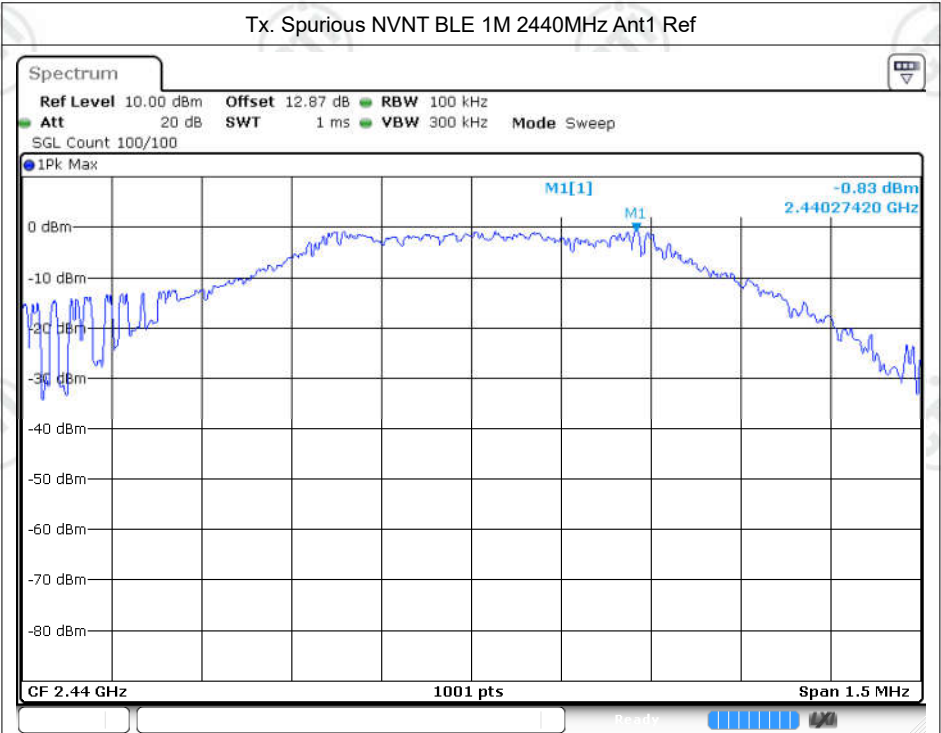


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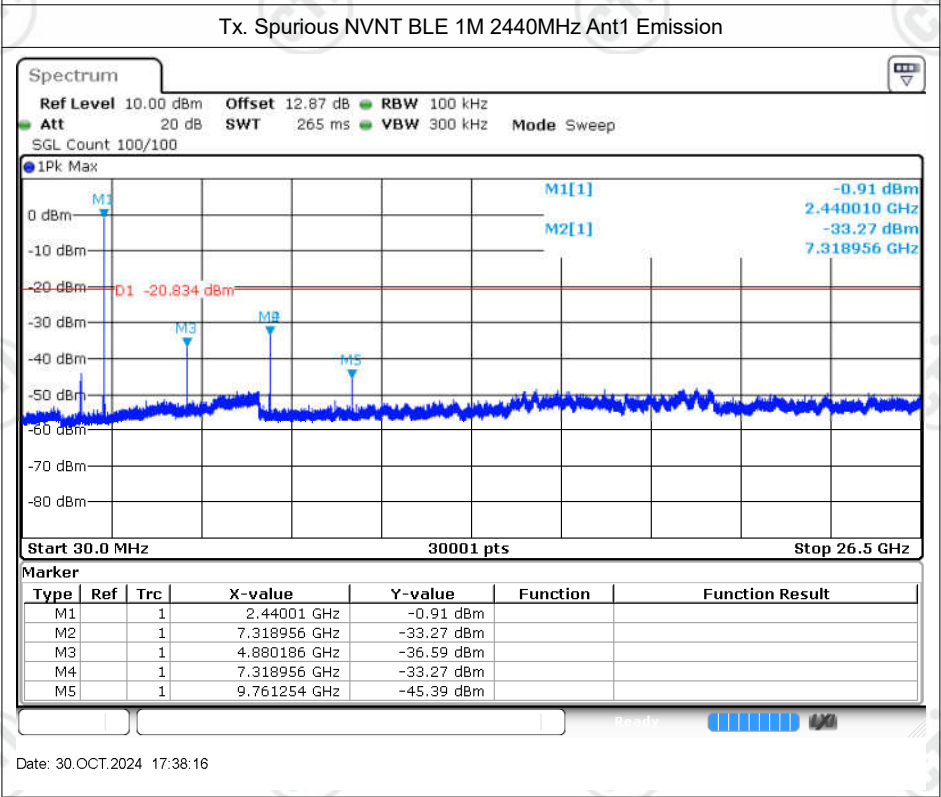
Conducted RF Spurious Emission

| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -33.75          | -20         | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | -32.44          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -34.55          | -20         | Pass    |

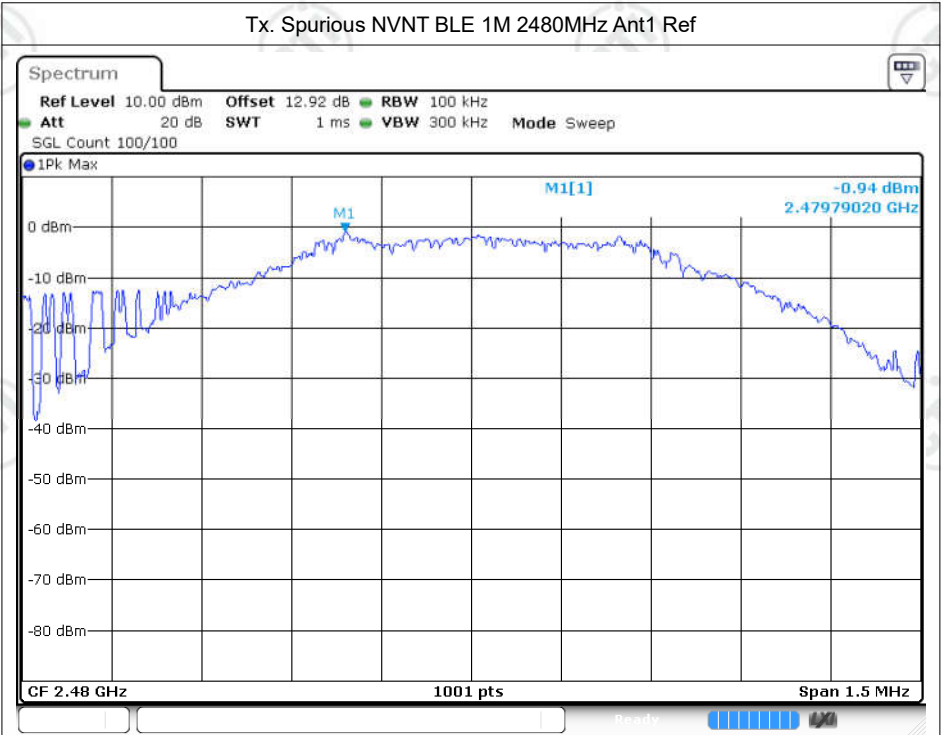




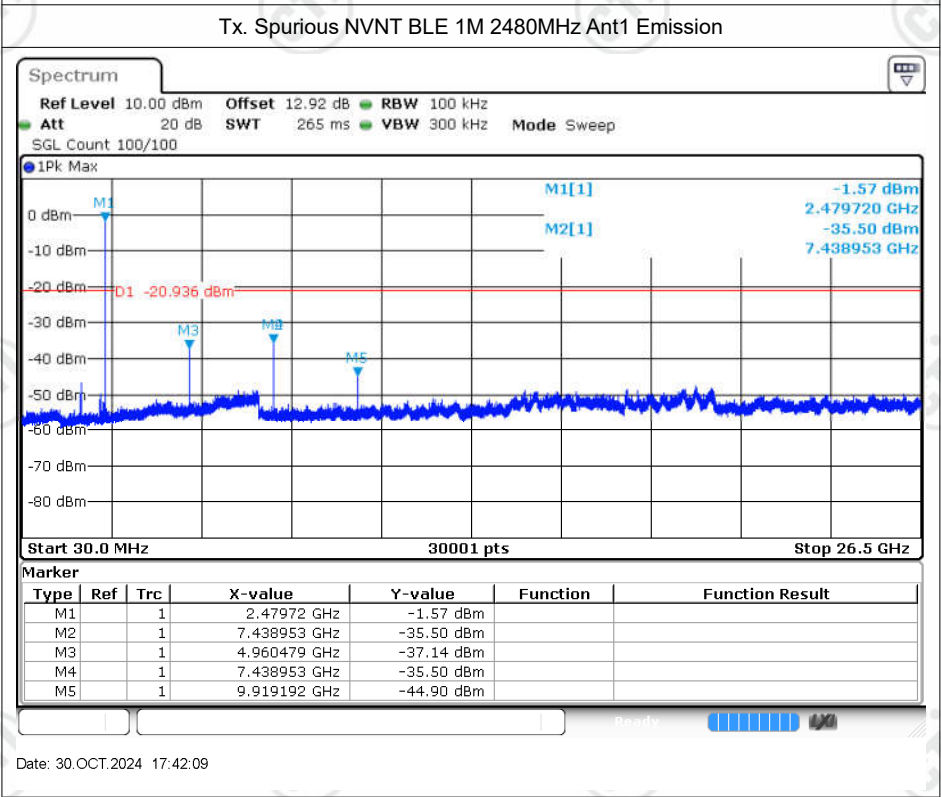
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Date: 30.OCT.2024 17:38:16



Date: 30.OCT.2024 17:40:37



Date: 30.OCT.2024 17:42:09

\*\*\* End of Report \*\*\*