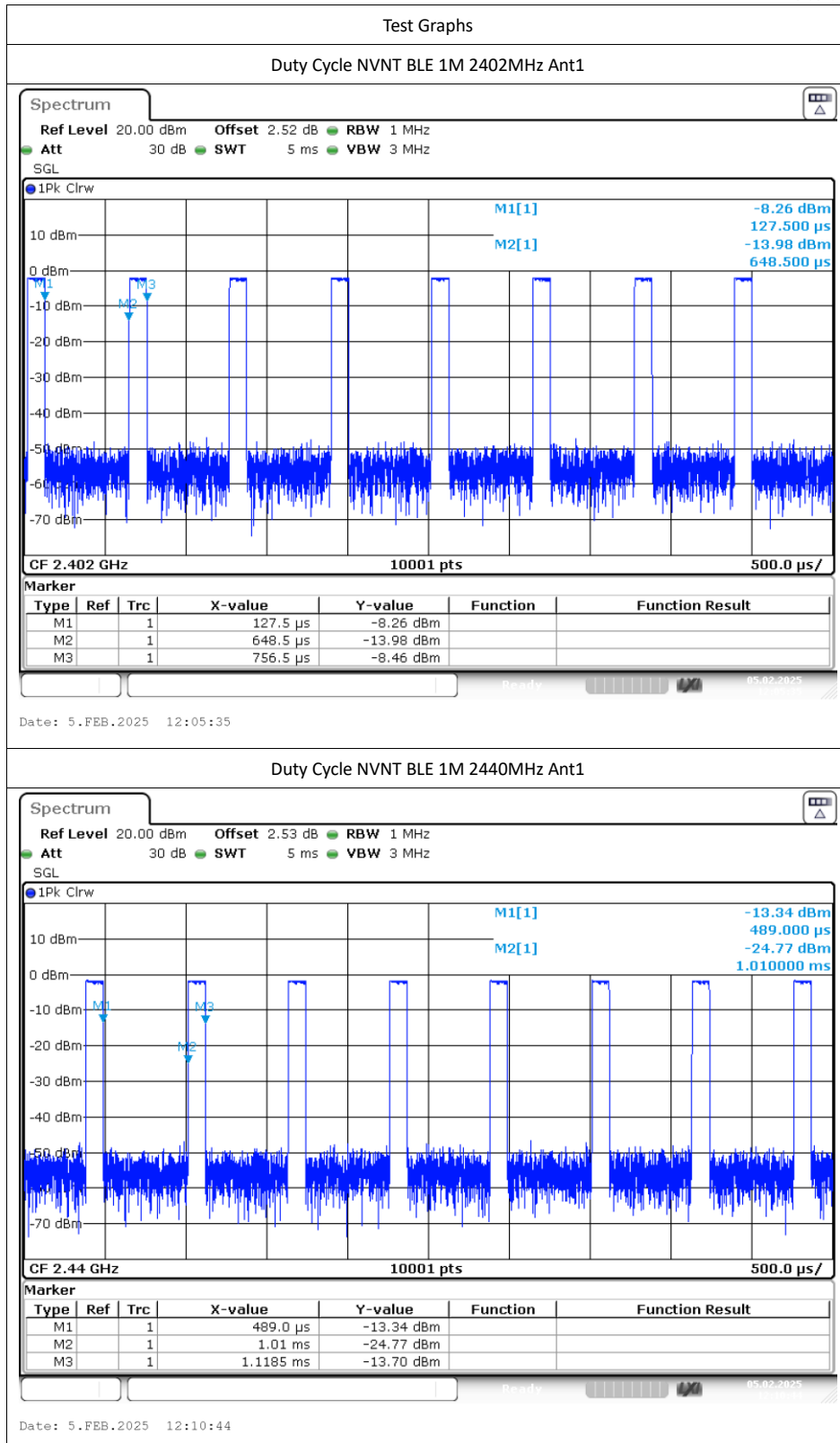
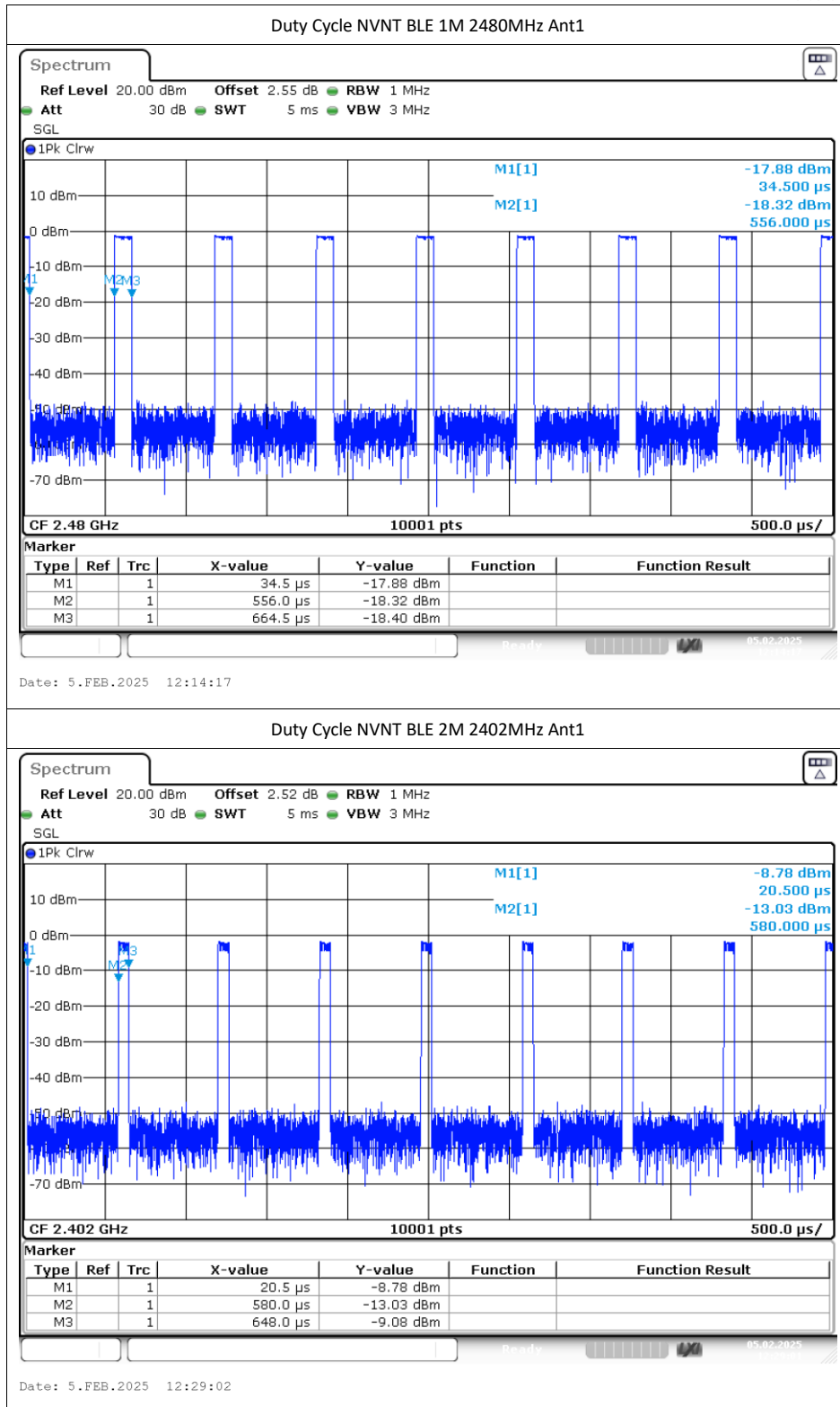


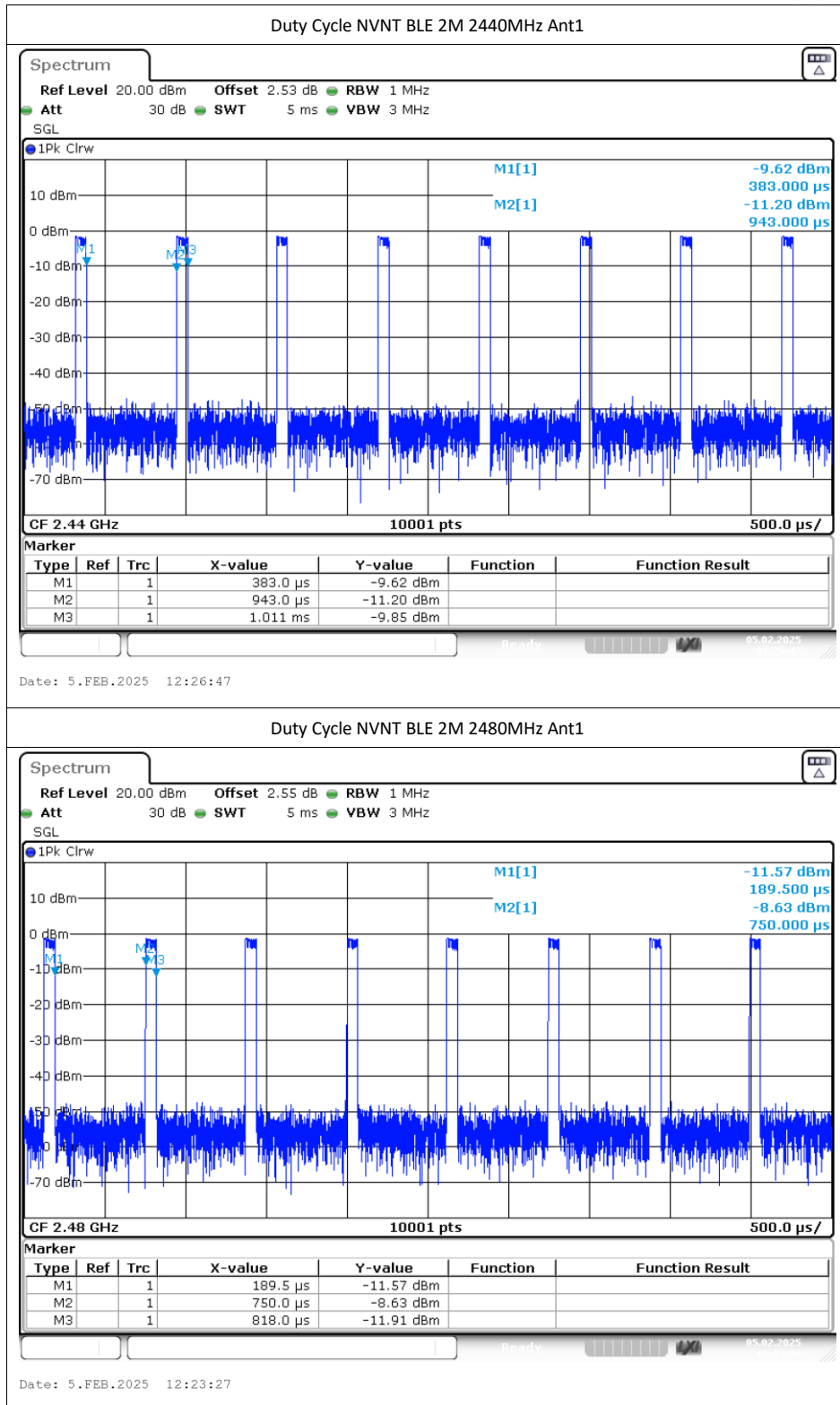
# Appendix A

## Duty Cycle

| Condition | Mode      | Frequency<br>(MHz) | Antenna | On Time<br>(ms) | Period<br>(ms) | Duty Cycle<br>(%) | Correction Factor<br>(dB) | 1/T<br>(kHz) | Final settingFor VBW<br>(kHz) |
|-----------|-----------|--------------------|---------|-----------------|----------------|-------------------|---------------------------|--------------|-------------------------------|
| NVNT      | BLE<br>1M | 2402               | Ant1    | 0.11            | 0.63           | 17.46             | 7.58                      | 9.26         | 1                             |
| NVNT      | BLE<br>1M | 2440               | Ant1    | 0.11            | 0.63           | 17.46             | 7.58                      | 9.22         | 1                             |
| NVNT      | BLE<br>1M | 2480               | Ant1    | 0.11            | 0.63           | 17.46             | 7.58                      | 9.22         | 1                             |
| NVNT      | BLE<br>2M | 2402               | Ant1    | 0.07            | 0.63           | 11.11             | 9.54                      | 14.71        | 1                             |
| NVNT      | BLE<br>2M | 2440               | Ant1    | 0.07            | 0.63           | 11.11             | 9.54                      | 14.71        | 1                             |
| NVNT      | BLE<br>2M | 2480               | Ant1    | 0.07            | 0.63           | 11.11             | 9.54                      | 14.71        | 1                             |

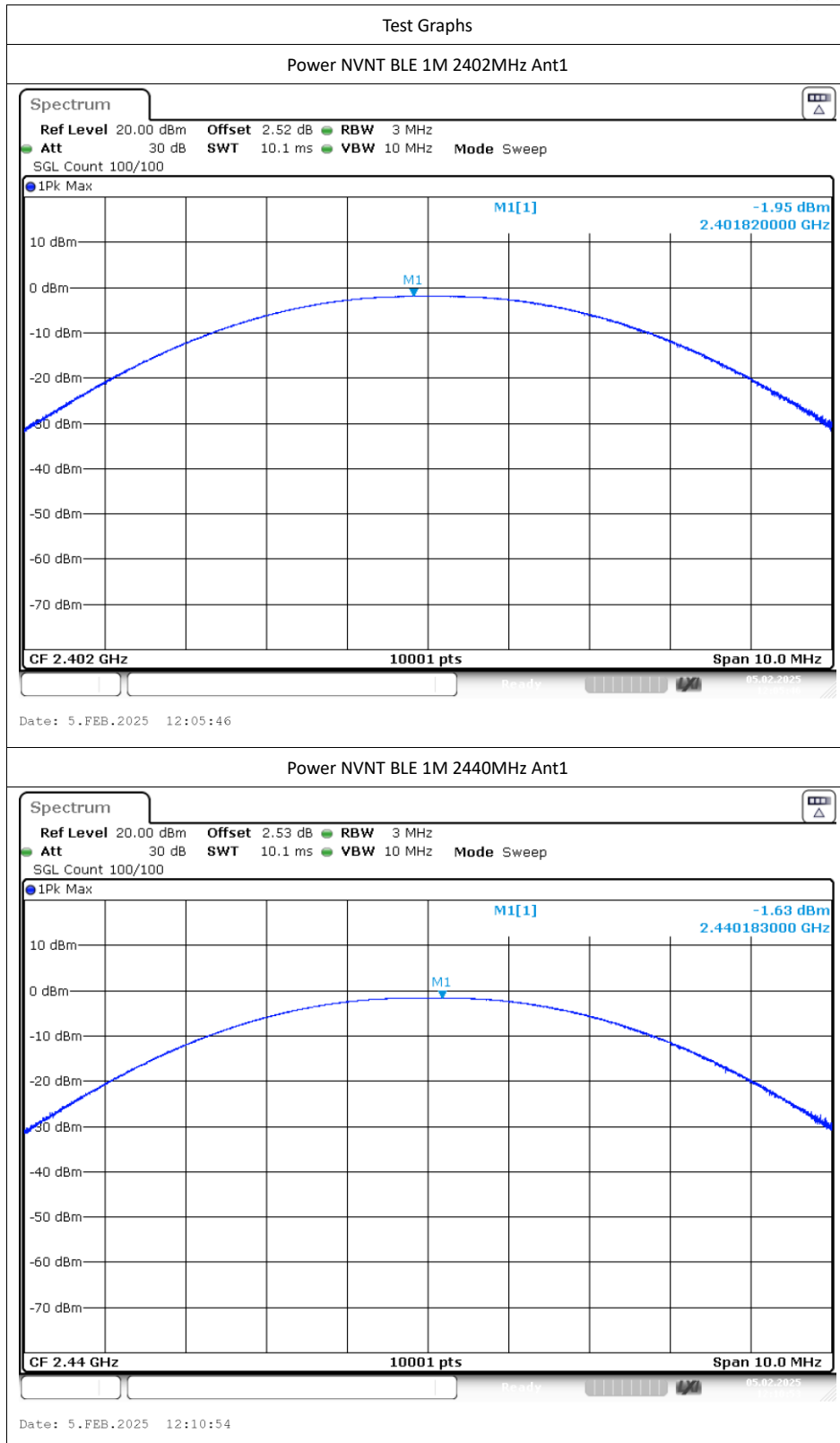


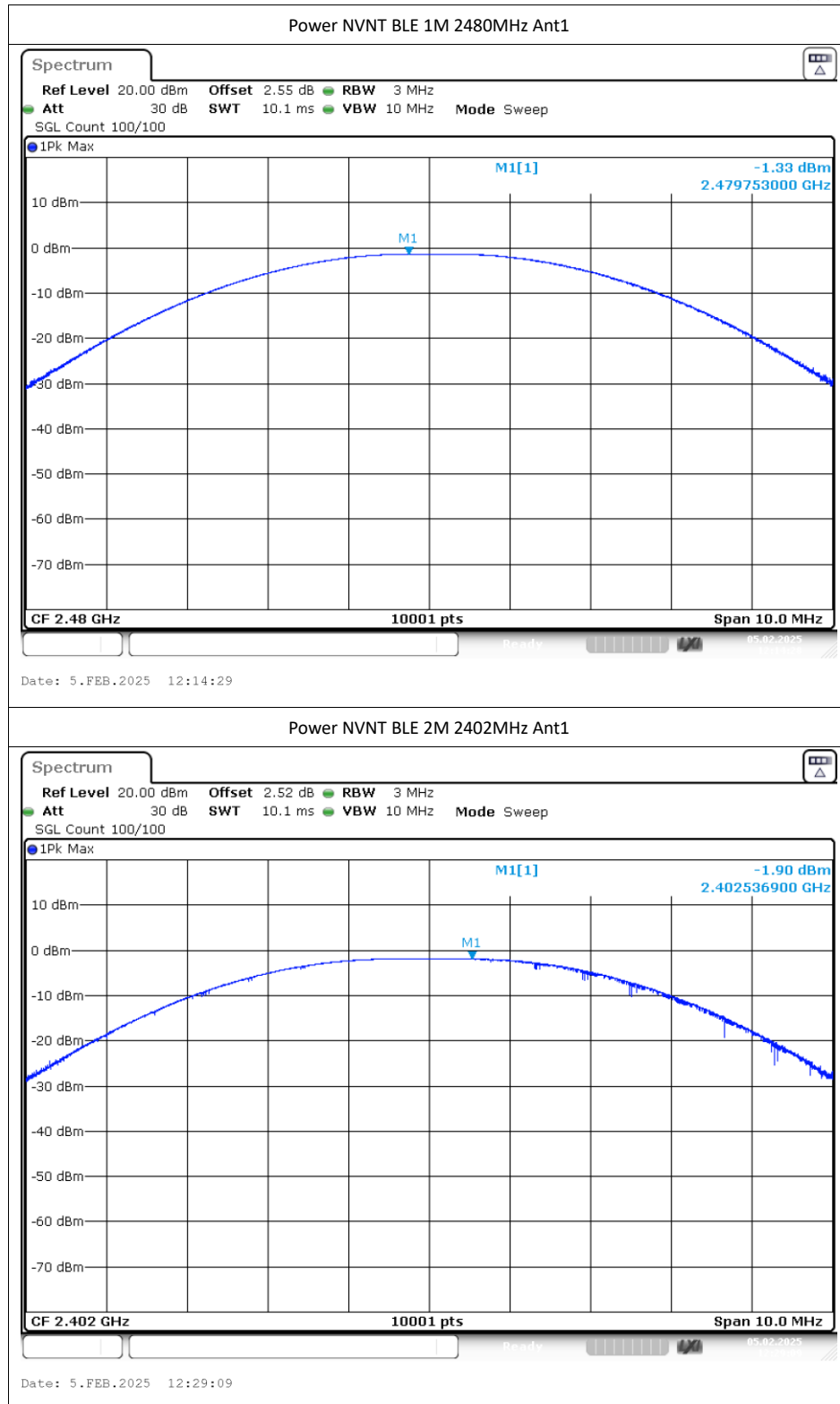


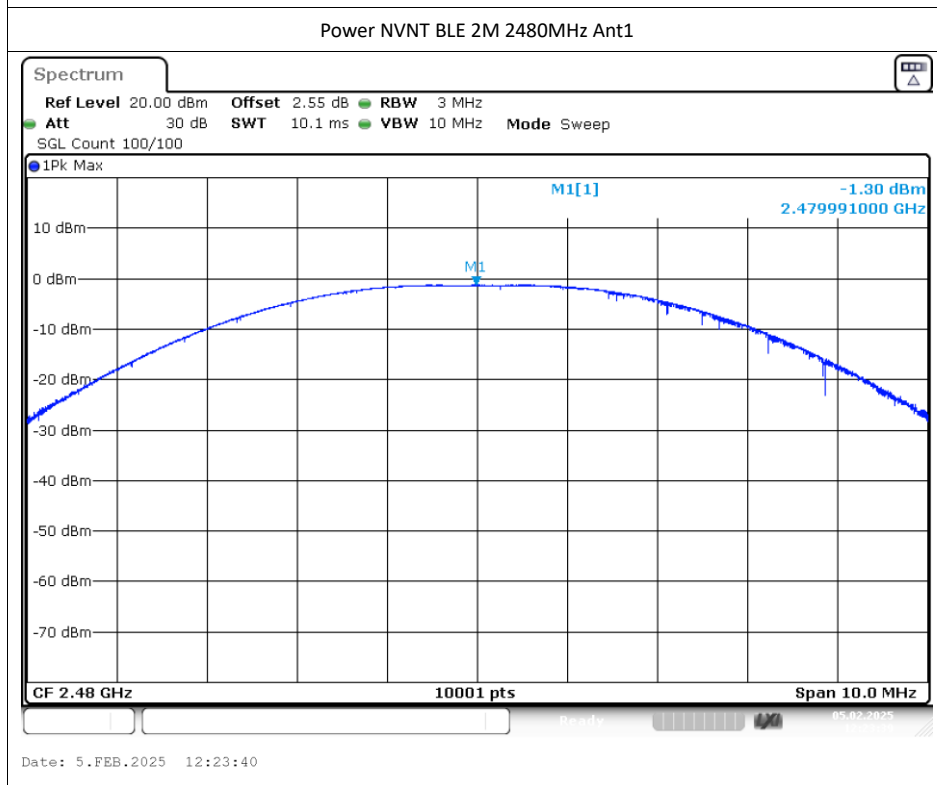
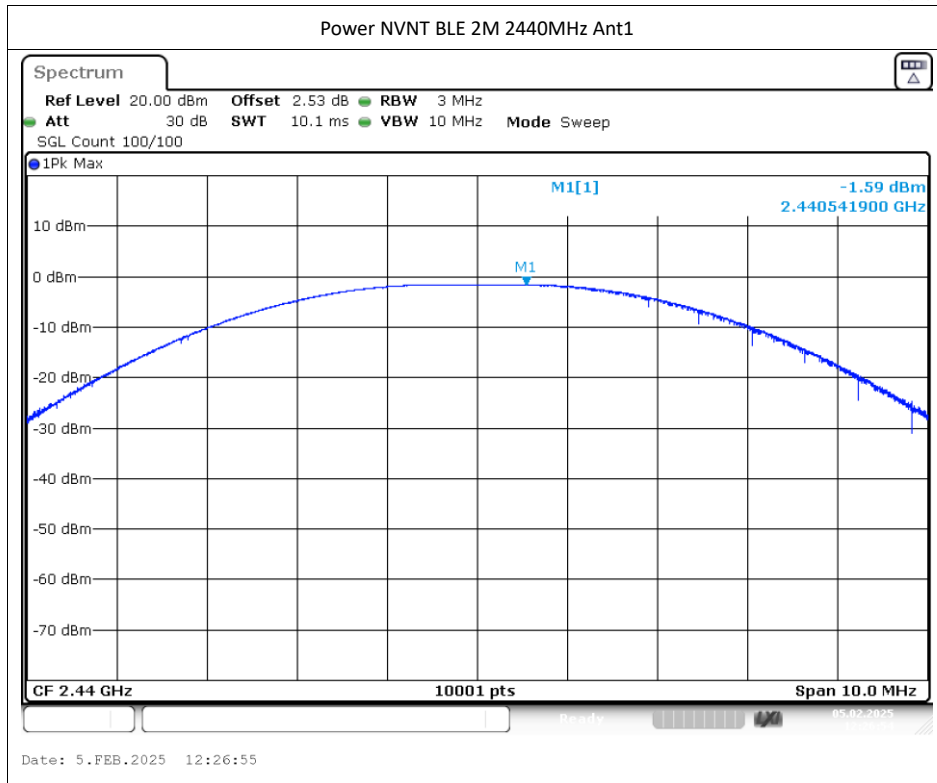


## Maximum Conducted Output Power

| Condition | Mode   | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -1.95                 | 0                | -1.95             | 30          | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | -1.63                 | 0                | -1.63             | 30          | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -1.33                 | 0                | -1.33             | 30          | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -1.9                  | 0                | -1.9              | 30          | Pass    |
| NVNT      | BLE 2M | 2440            | Ant1    | -1.59                 | 0                | -1.59             | 30          | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -1.3                  | 0                | -1.3              | 30          | Pass    |

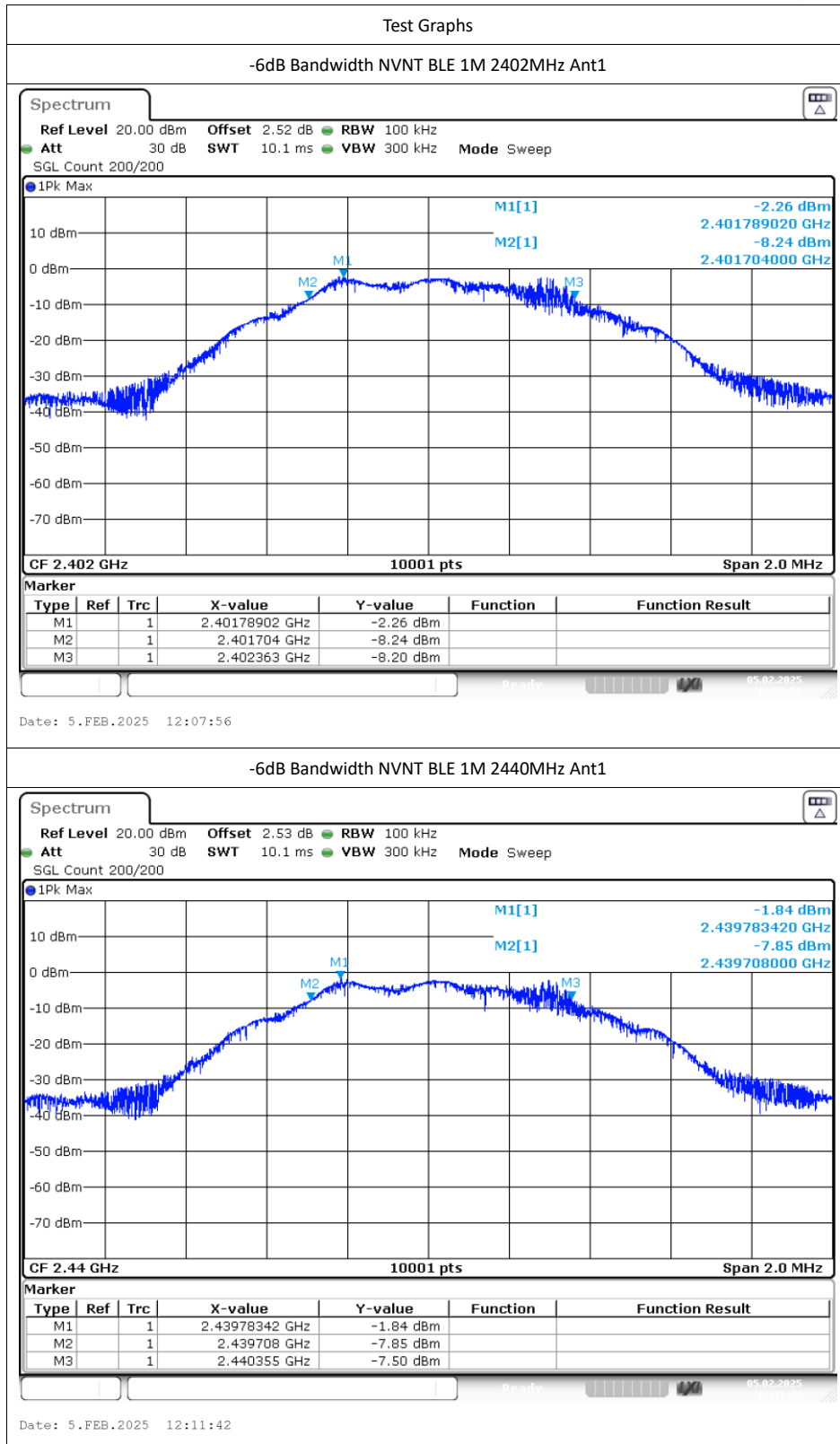


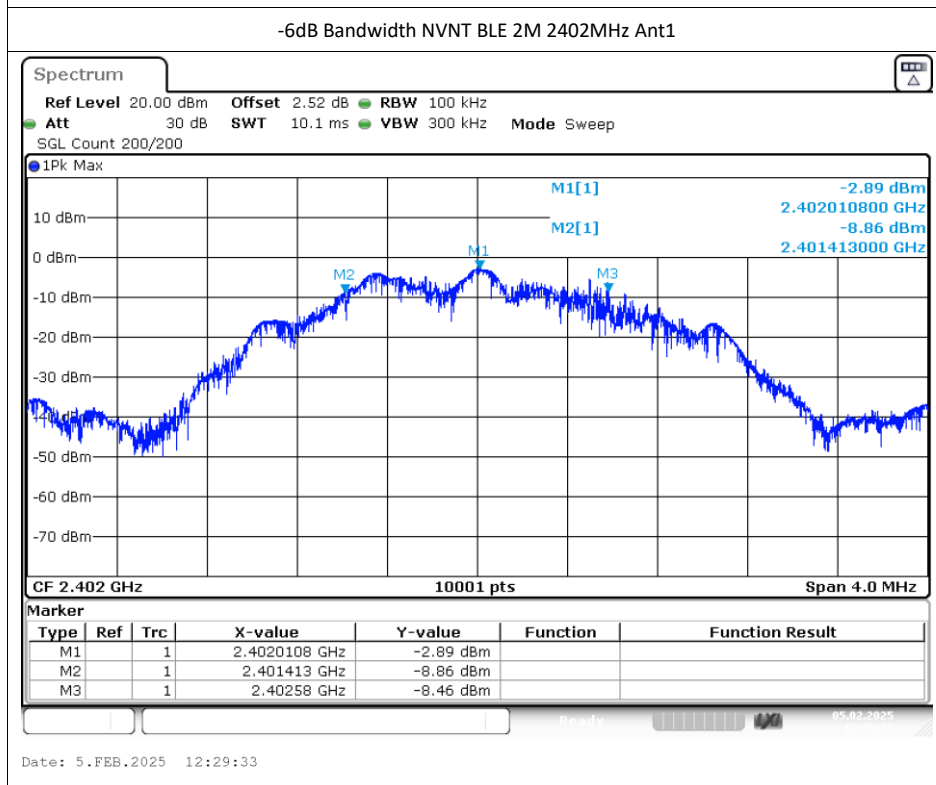
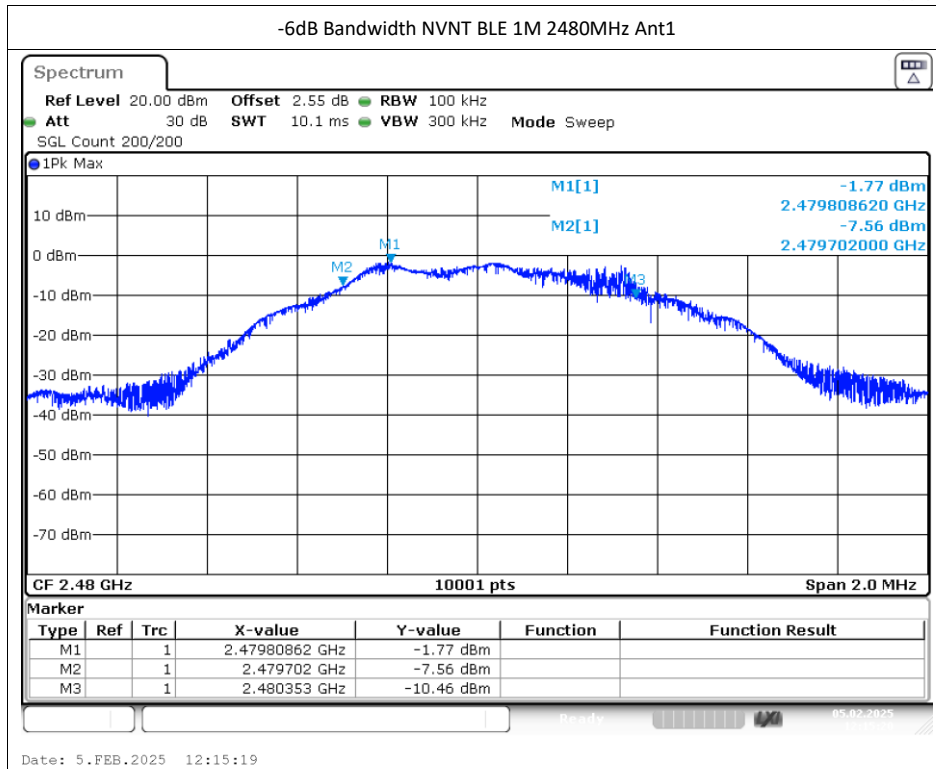


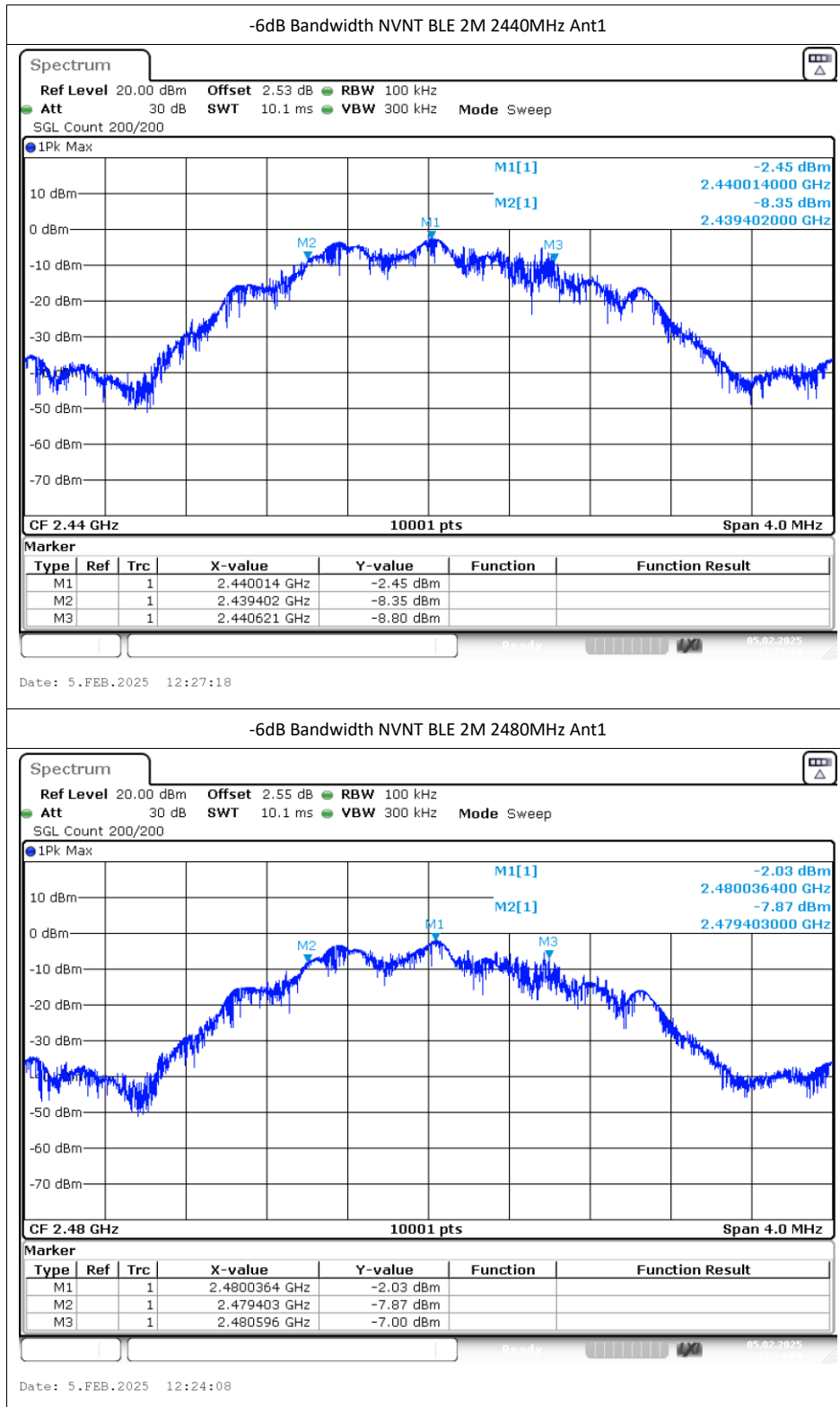


## -6dB Bandwidth

| Condition | Mode   | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | 0.66                  | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | 0.65                  | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 0.65                  | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | 1.17                  | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2440            | Ant1    | 1.22                  | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | 1.19                  | 0.5                         | Pass    |

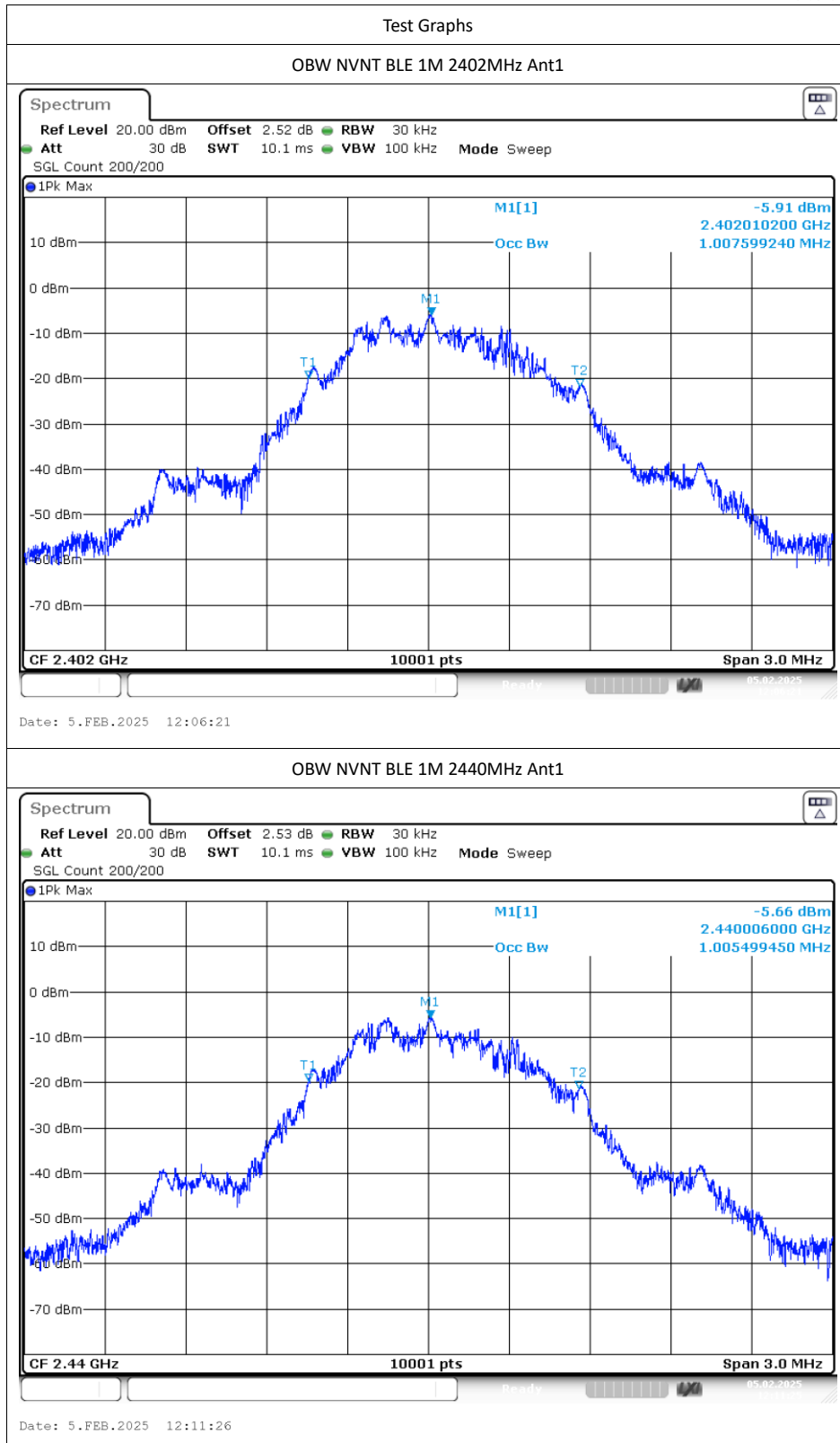


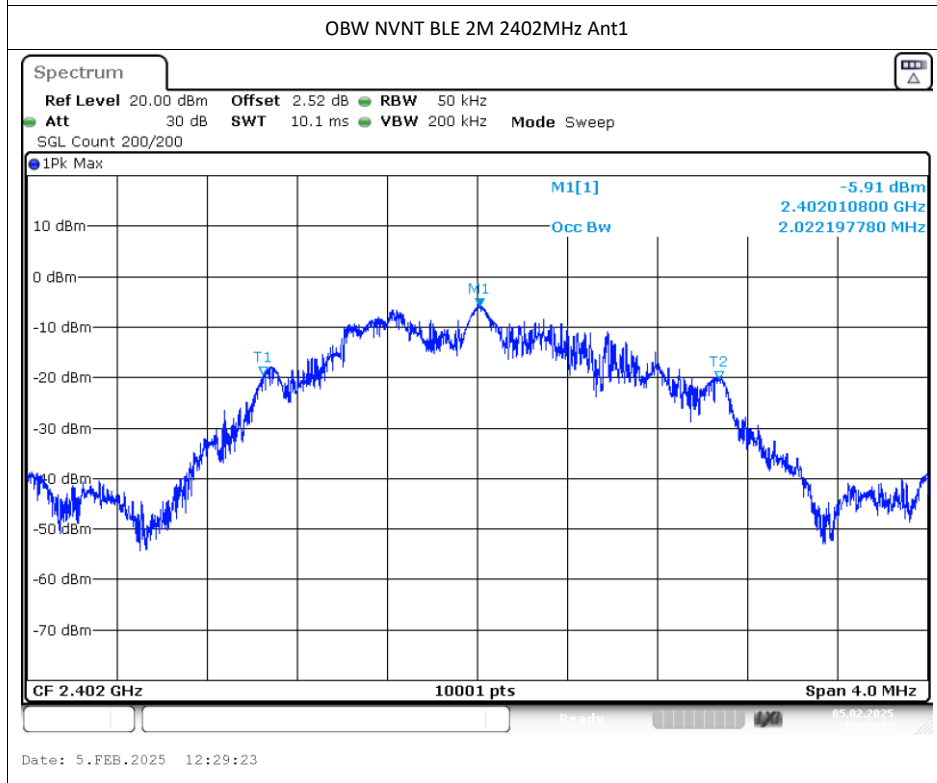
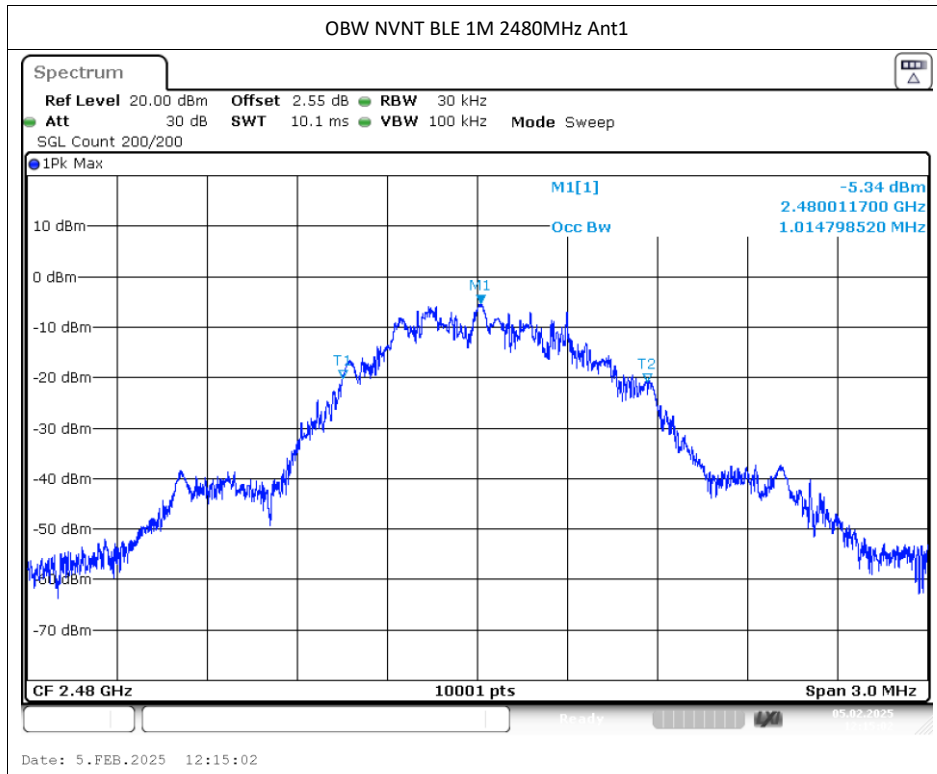


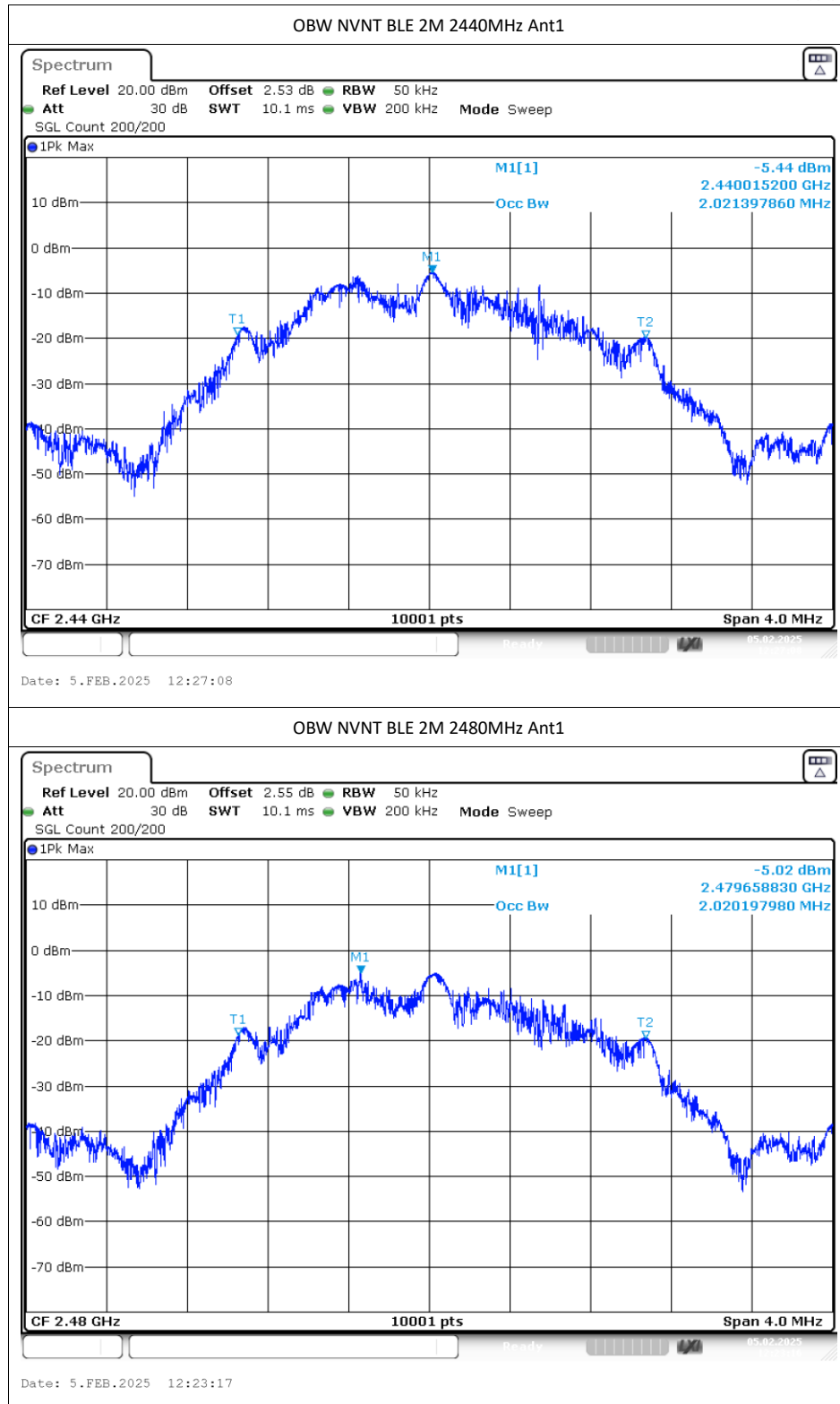


## Occupied Channel Bandwidth

| Condition | Mode   | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|--------|-----------------|---------|---------------|
| NVNT      | BLE 1M | 2402            | Ant1    | 1.008         |
| NVNT      | BLE 1M | 2440            | Ant1    | 1.005         |
| NVNT      | BLE 1M | 2480            | Ant1    | 1.015         |
| NVNT      | BLE 2M | 2402            | Ant1    | 2.022         |
| NVNT      | BLE 2M | 2440            | Ant1    | 2.021         |
| NVNT      | BLE 2M | 2480            | Ant1    | 2.02          |

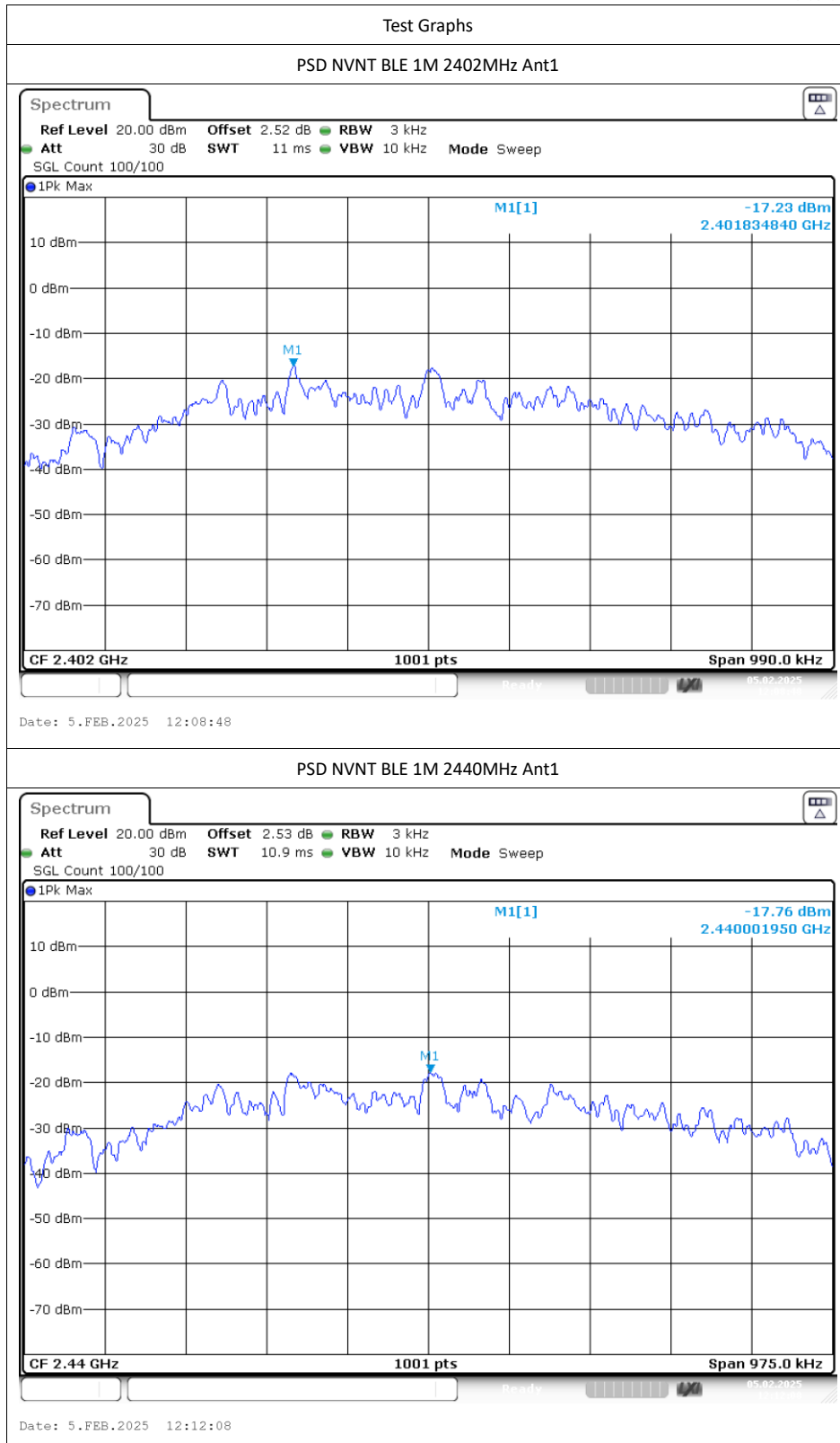


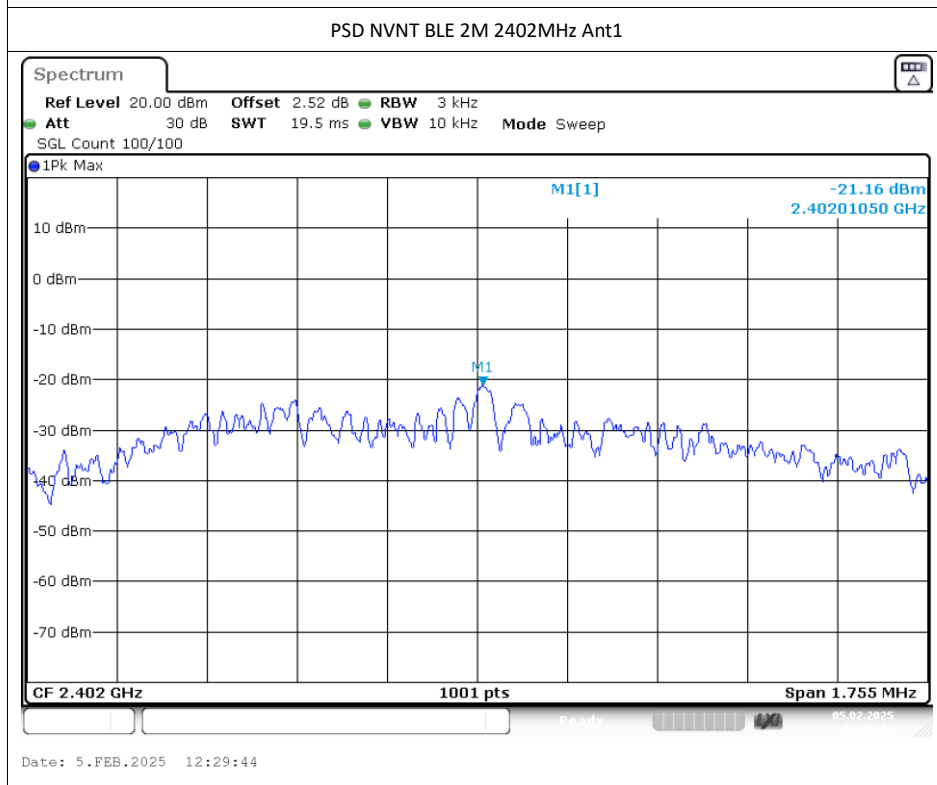
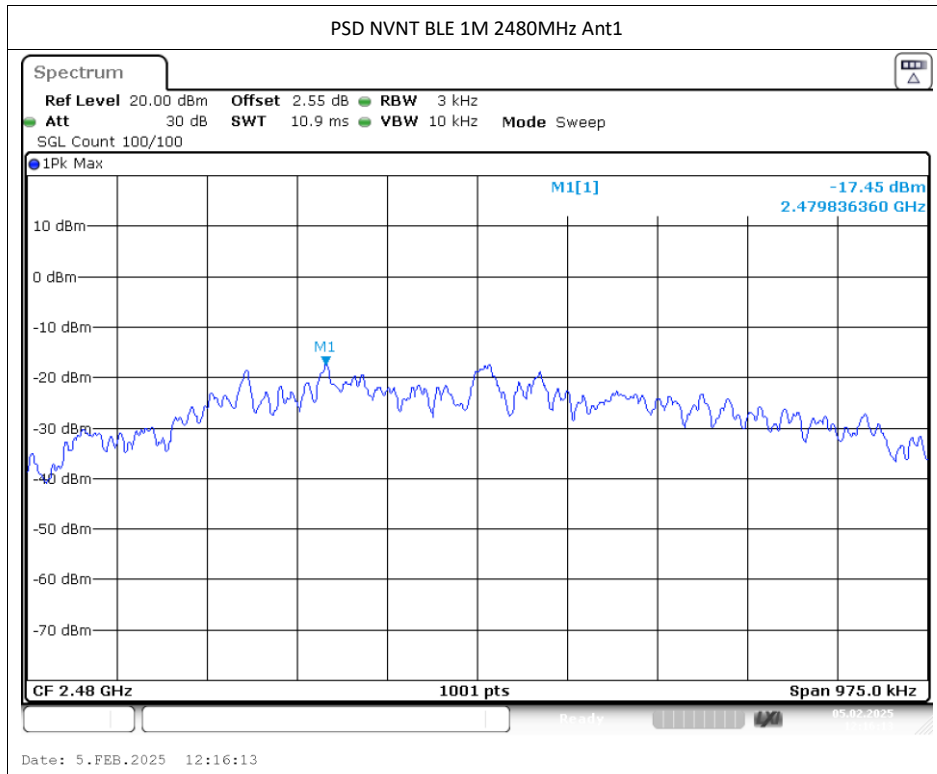


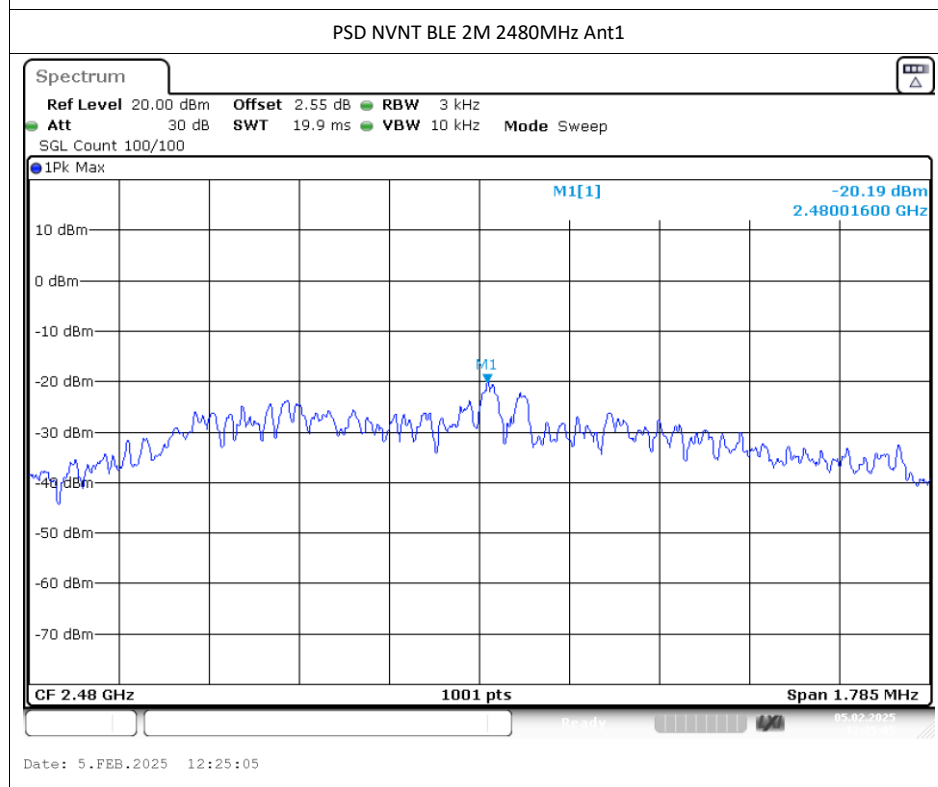
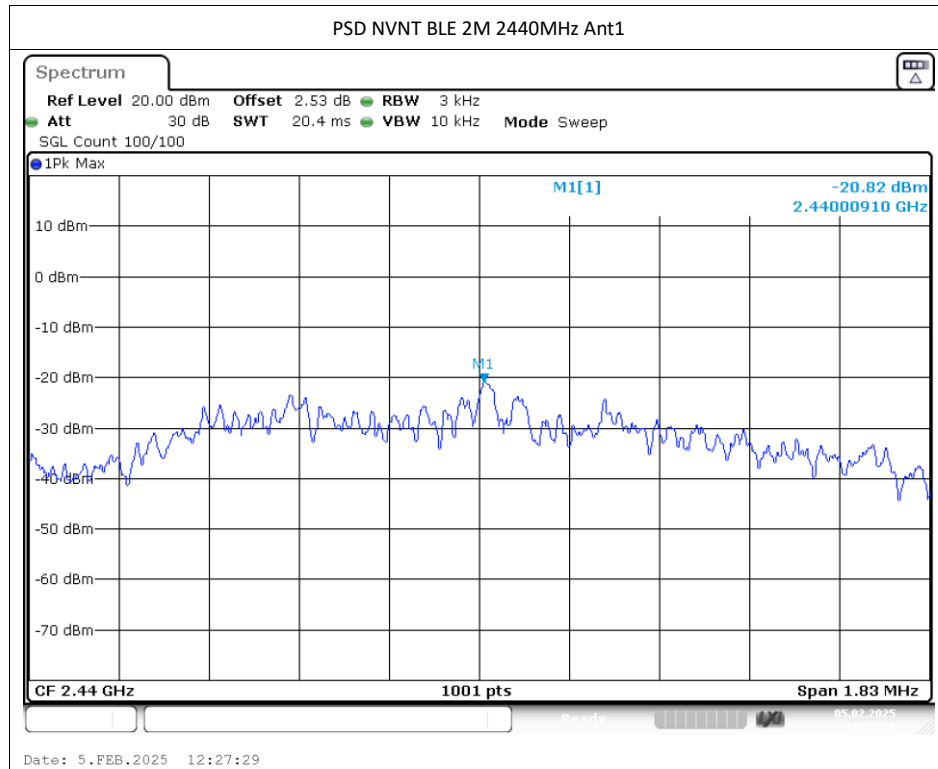


## Maximum Power Spectral Density Level

| Condition | Mode   | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Duty Factor (dB) | Total PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|--------|-----------------|---------|--------------------------|------------------|----------------------|------------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -17.23                   | 0                | -17.23               | 8                | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | -17.76                   | 0                | -17.76               | 8                | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -17.45                   | 0                | -17.45               | 8                | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -21.16                   | 0                | -21.16               | 8                | Pass    |
| NVNT      | BLE 2M | 2440            | Ant1    | -20.82                   | 0                | -20.82               | 8                | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -20.19                   | 0                | -20.19               | 8                | Pass    |

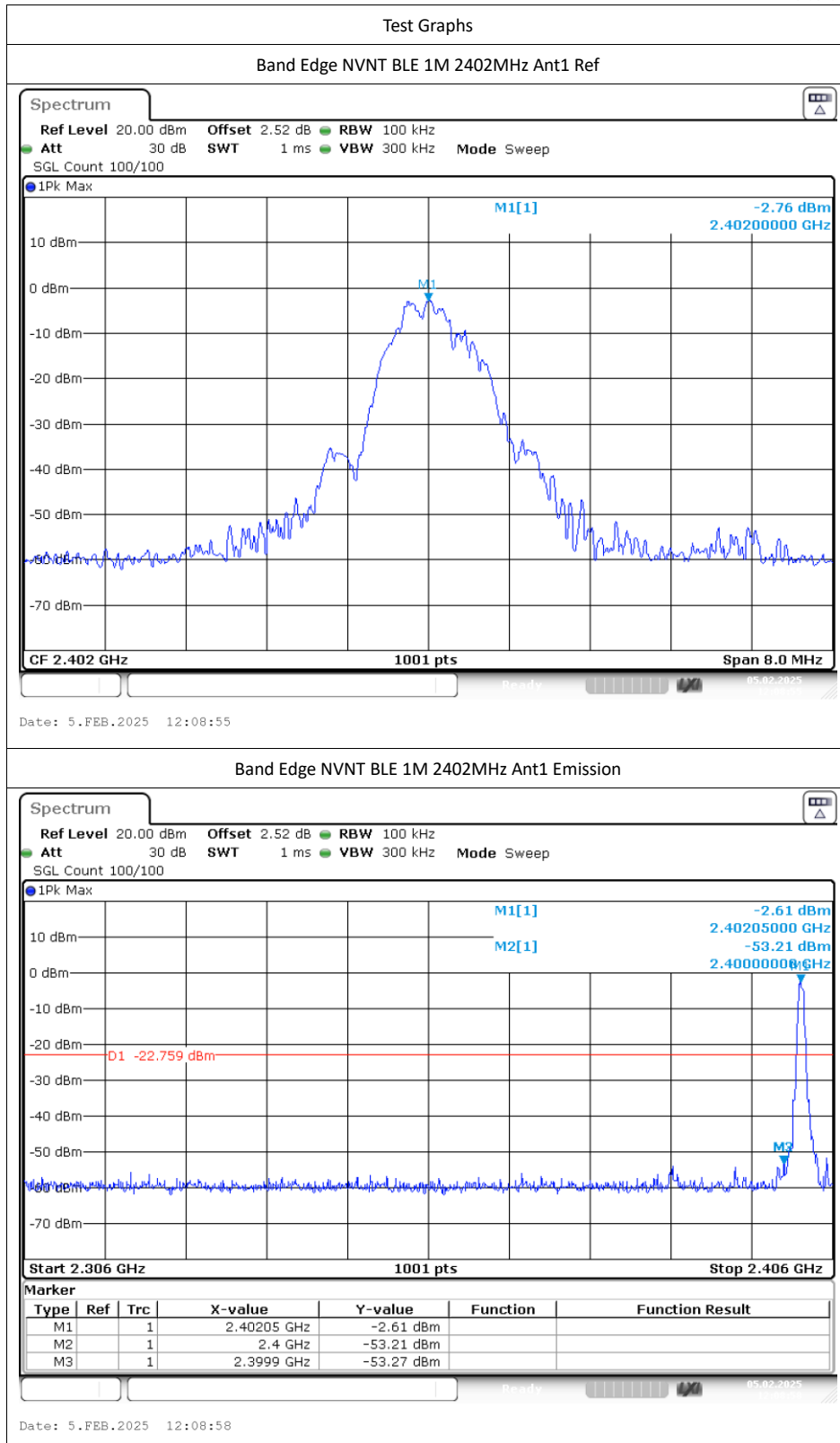


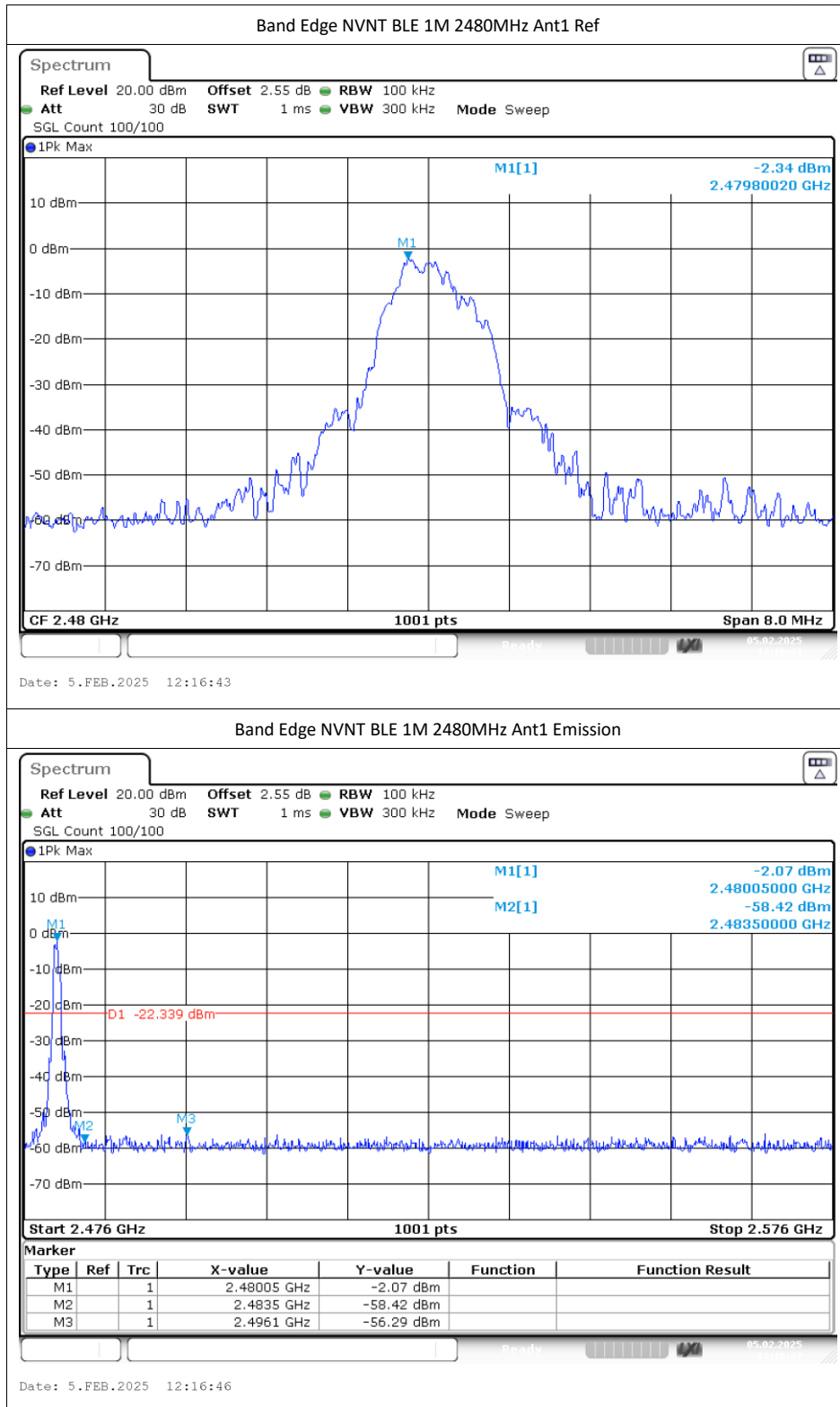


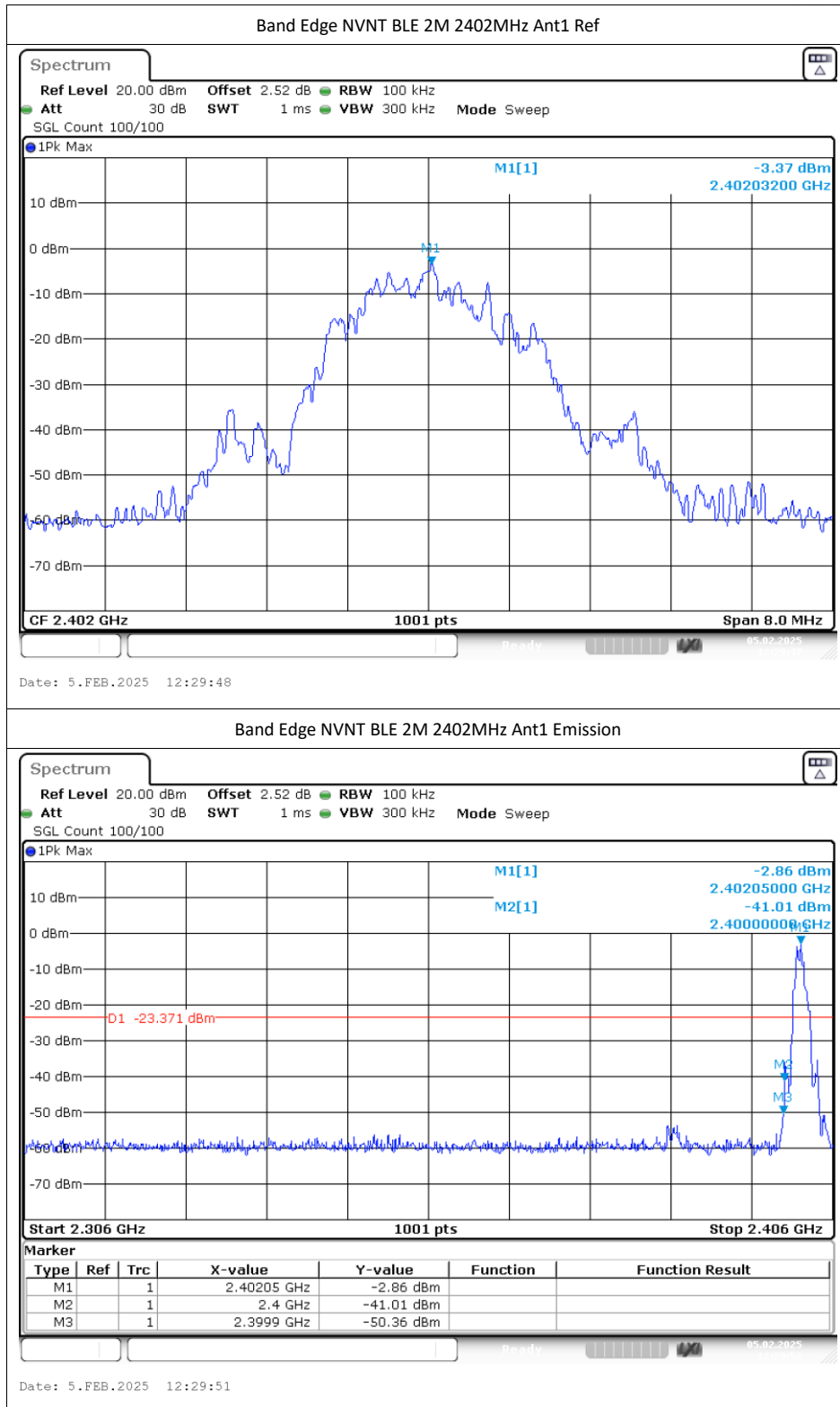


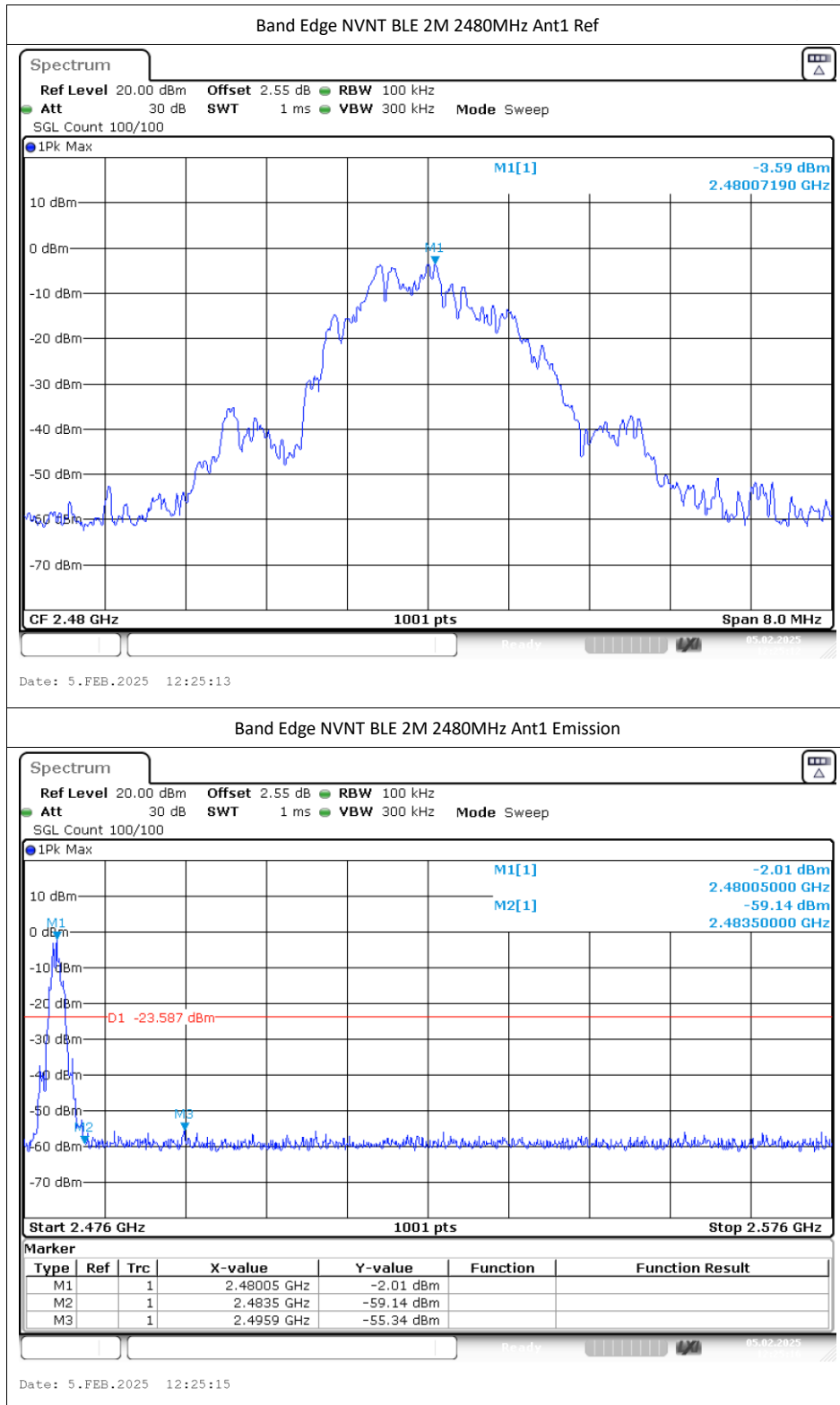
## Band Edge

| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -50.45          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -53.95          | -20         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -37.64          | -20         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -51.75          | -20         | Pass    |









## Conducted RF Spurious Emission

| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -30.41          | -20         | Pass    |
| NVNT      | BLE 1M | 2440            | Ant1    | -31.11          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -37.52          | -20         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -42.41          | -20         | Pass    |
| NVNT      | BLE 2M | 2440            | Ant1    | -32.43          | -20         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -46.43          | -20         | Pass    |

