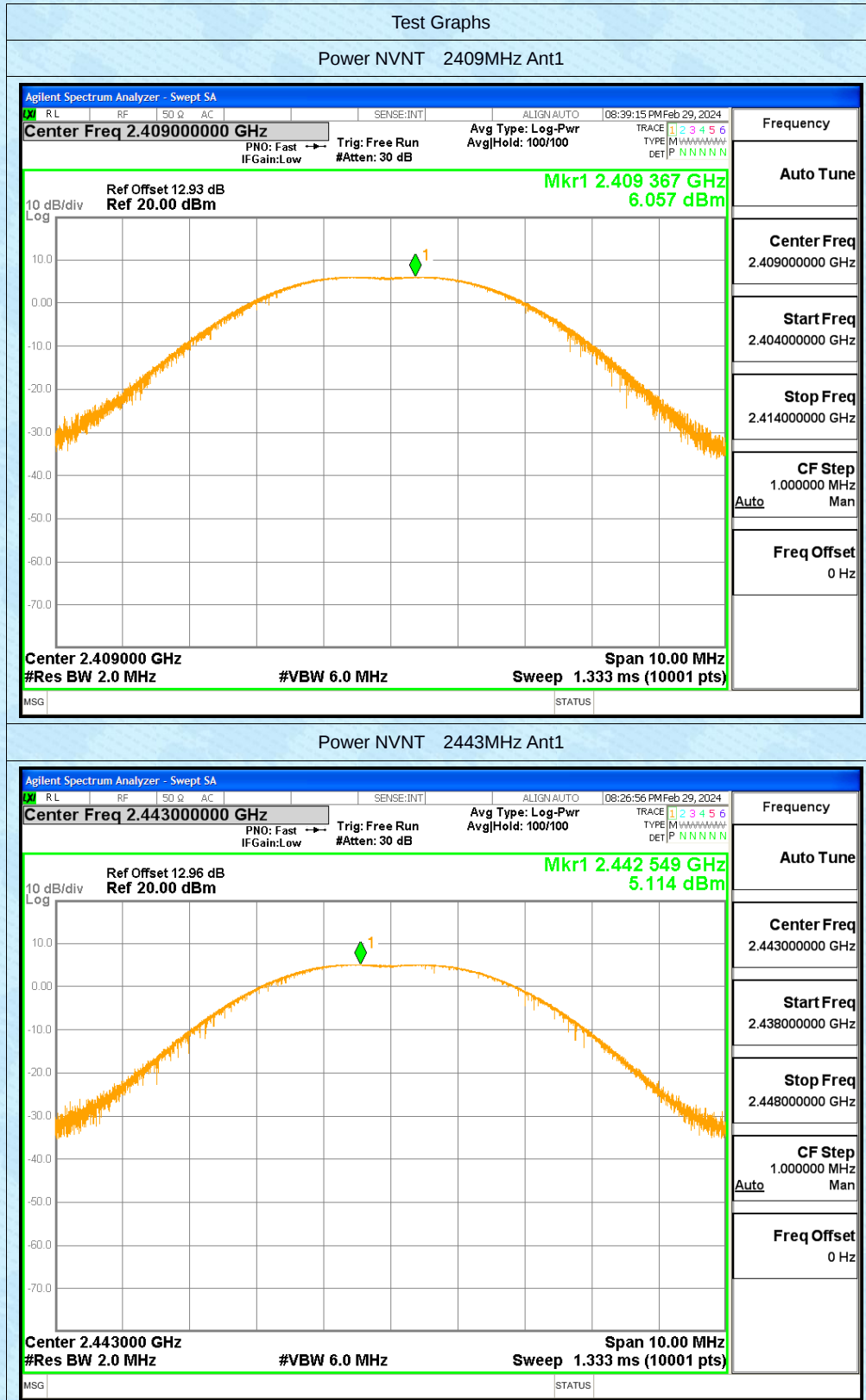
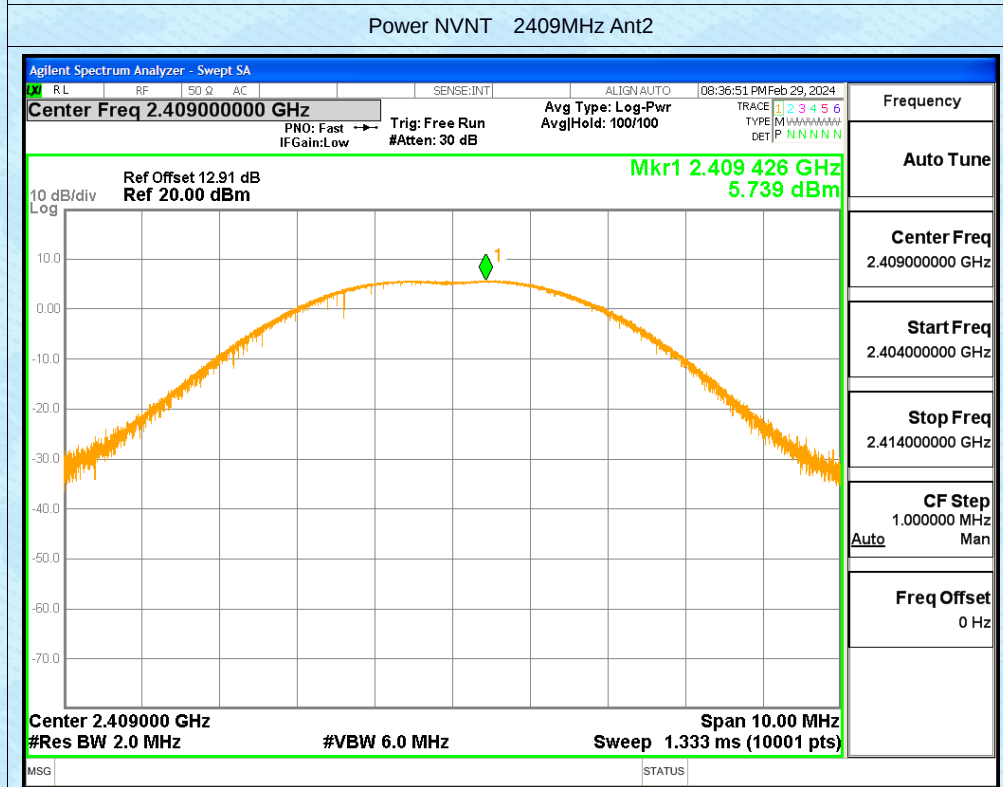
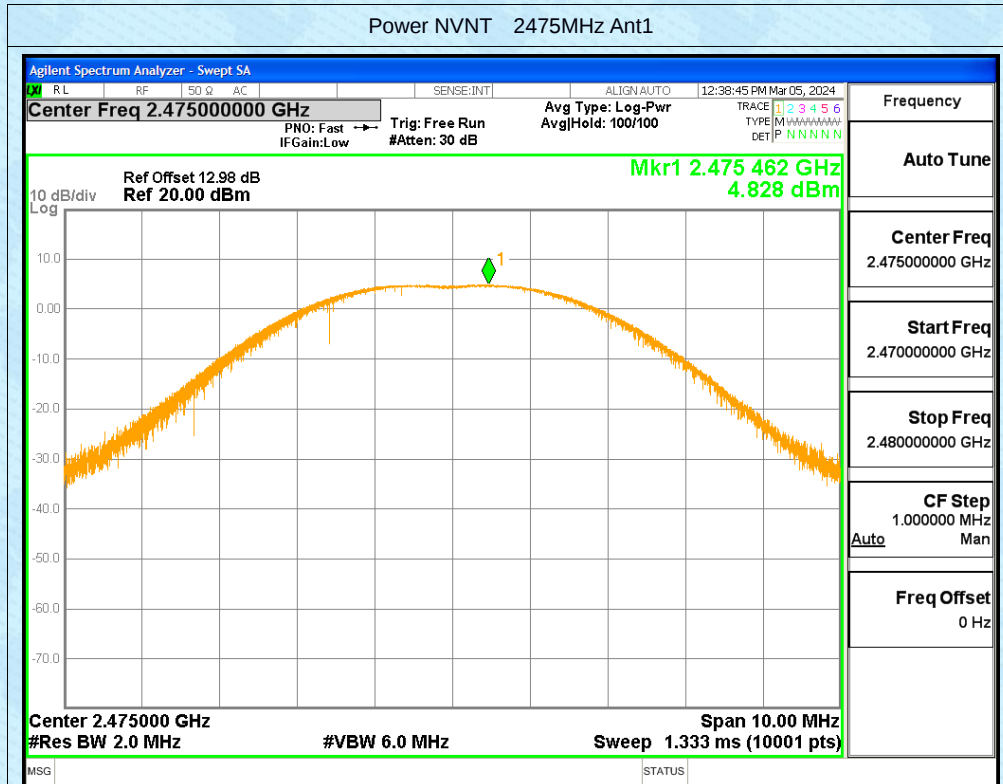
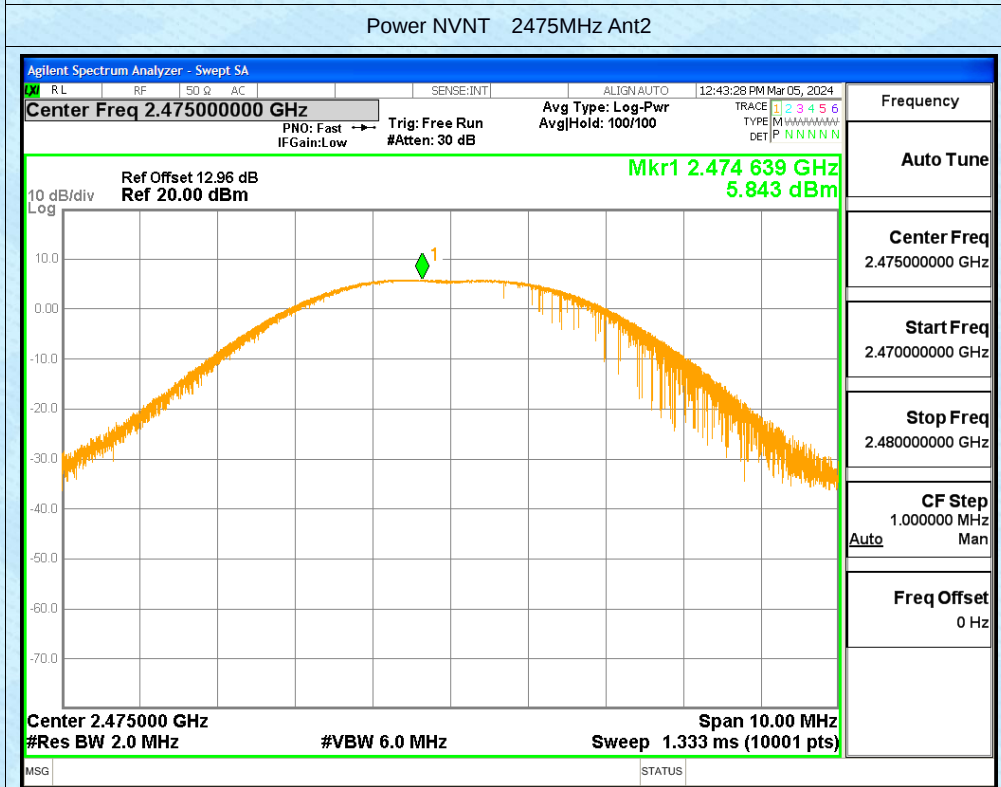
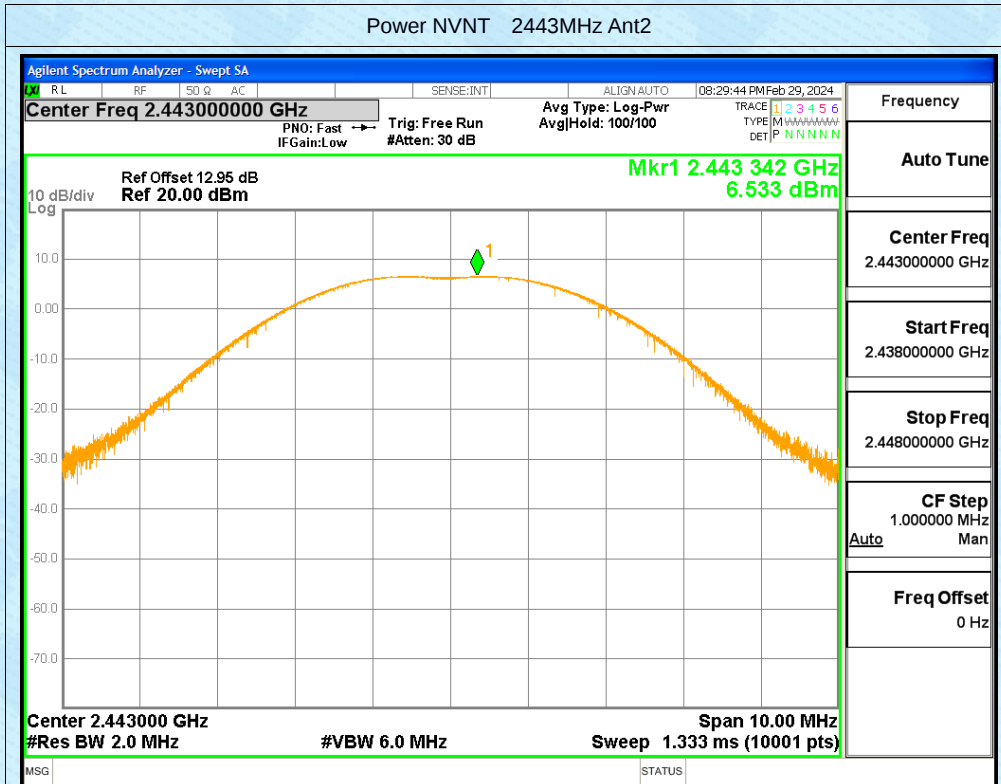


## Maximum Conducted Output Power

| Condition | Mode | Frequency<br>(MHz) | Antenna | Conducted Power<br>(dBm) | Duty Factor<br>(dB) | Total Power<br>(dBm) | Limit<br>(dBm) | Verdict |
|-----------|------|--------------------|---------|--------------------------|---------------------|----------------------|----------------|---------|
| NVNT      | QPSK | 2409               | Ant1    | 6.06                     | 0                   | 6.06                 | 21             | Pass    |
|           |      | 2443               |         | 5.11                     | 0                   | 5.11                 | 21             | Pass    |
|           |      | 2475               |         | 4.83                     | 0                   | 4.83                 | 21             | Pass    |
|           |      | 2409               | Ant2    | 5.74                     | 0                   | 5.74                 | 21             | Pass    |
|           |      | 2443               |         | 6.53                     | 0                   | 6.53                 | 21             | Pass    |
|           |      | 2475               |         | 5.84                     | 0                   | 5.84                 | 21             | Pass    |

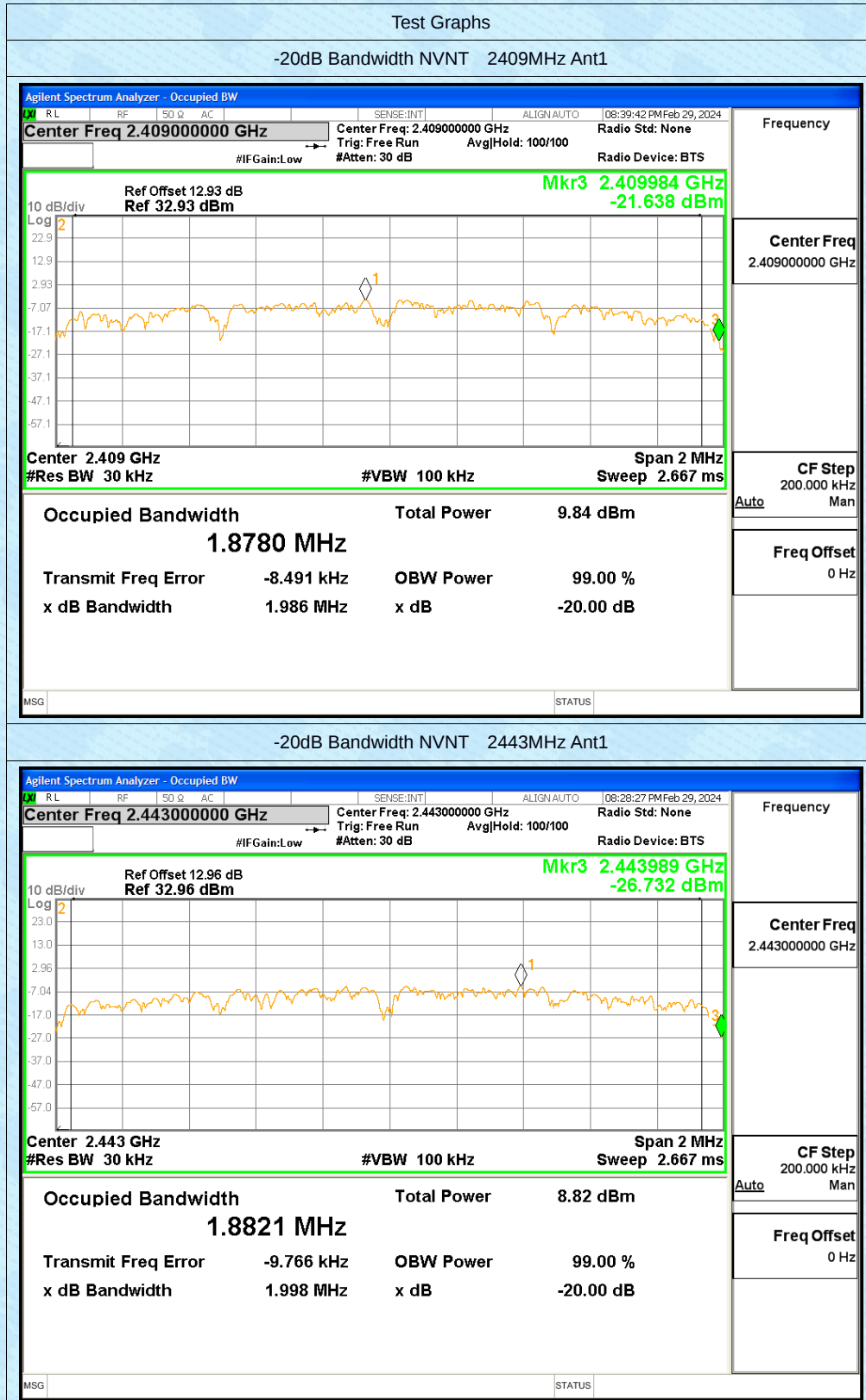


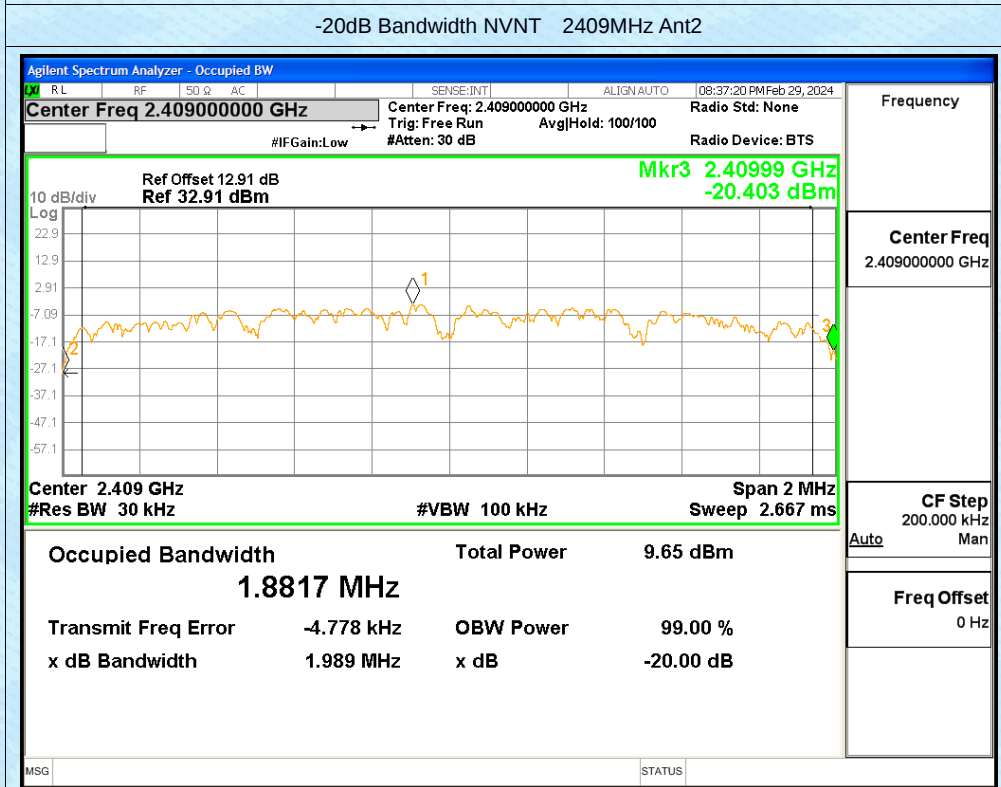
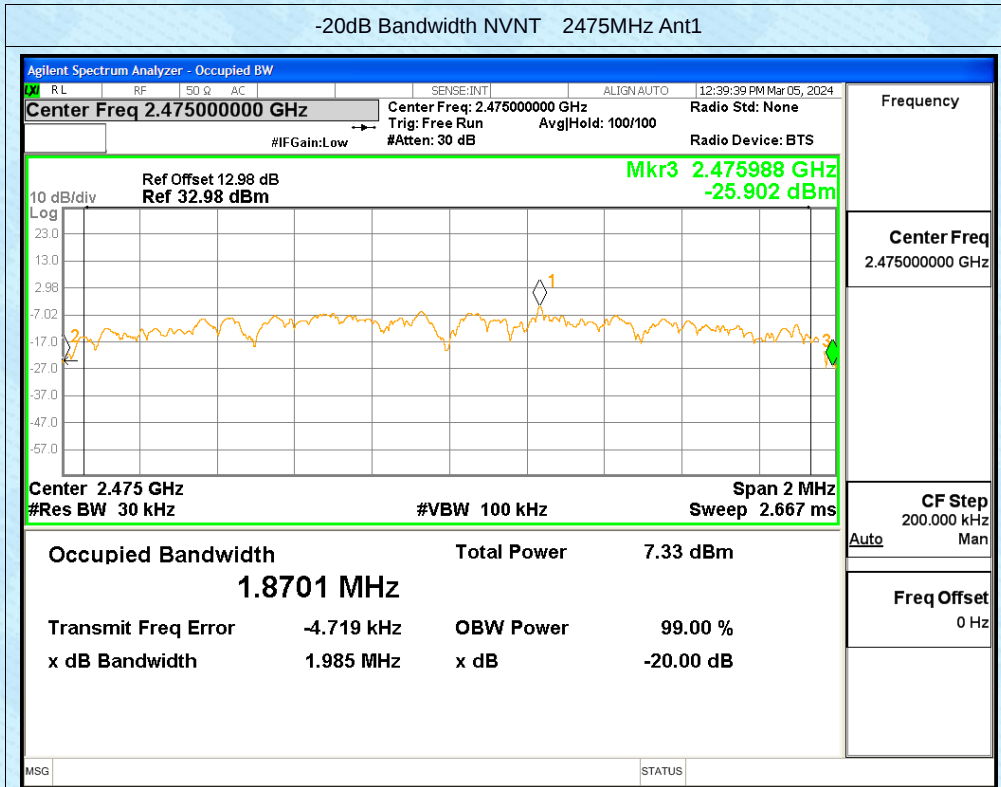


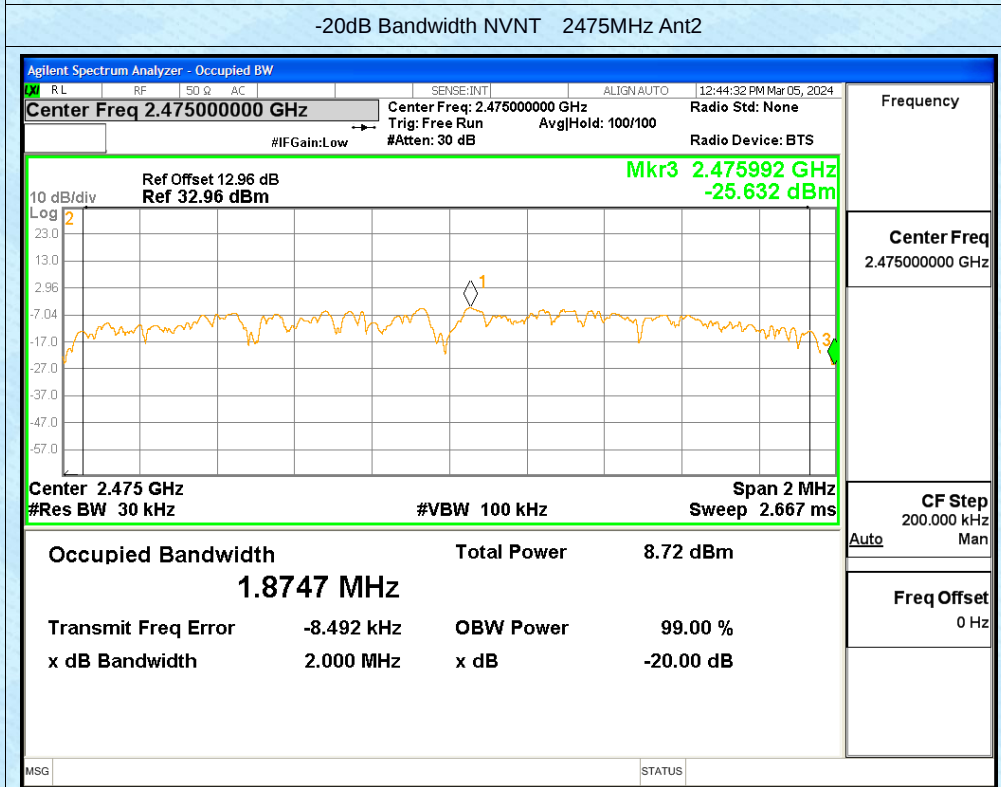
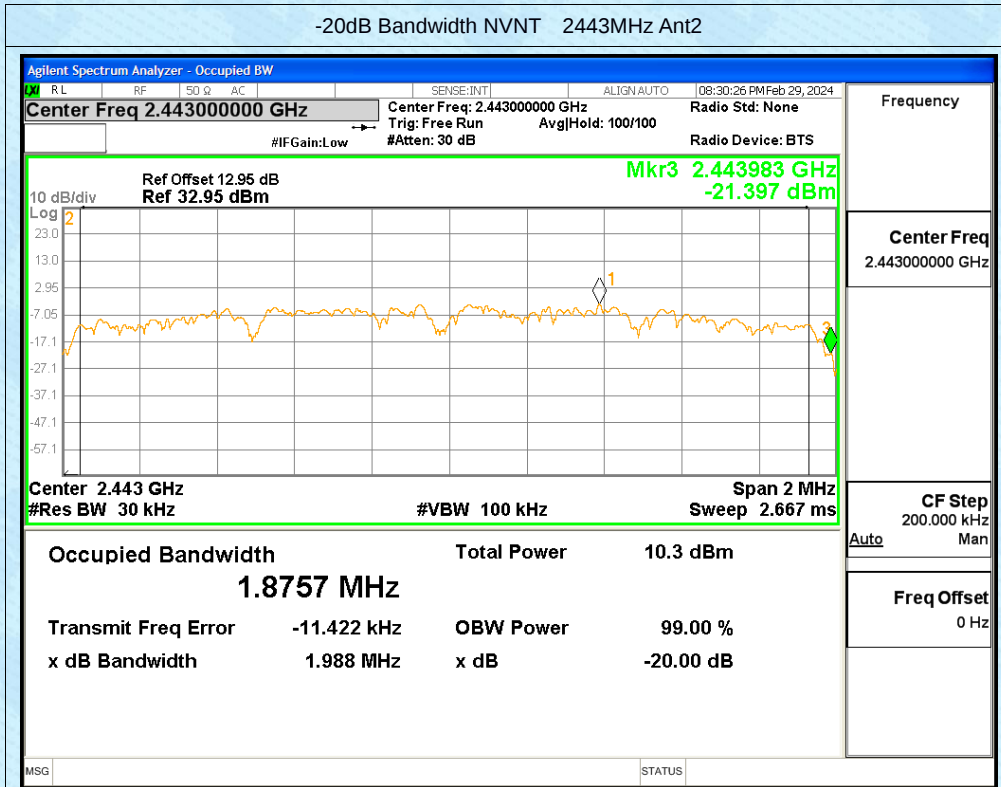


**-20dB Bandwidth**

| Condition | Mode | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | QPSK | 2409            | Ant1    | 1.986                  | 0                            | Pass    |
|           |      | 2443            |         | 1.998                  | 0                            | Pass    |
|           |      | 2475            |         | 1.985                  | 0                            | Pass    |
|           |      | 2409            | Ant2    | 1.989                  | 0                            | Pass    |
|           |      | 2443            |         | 1.988                  | 0                            | Pass    |
|           |      | 2475            |         | 2.000                  | 0                            | Pass    |

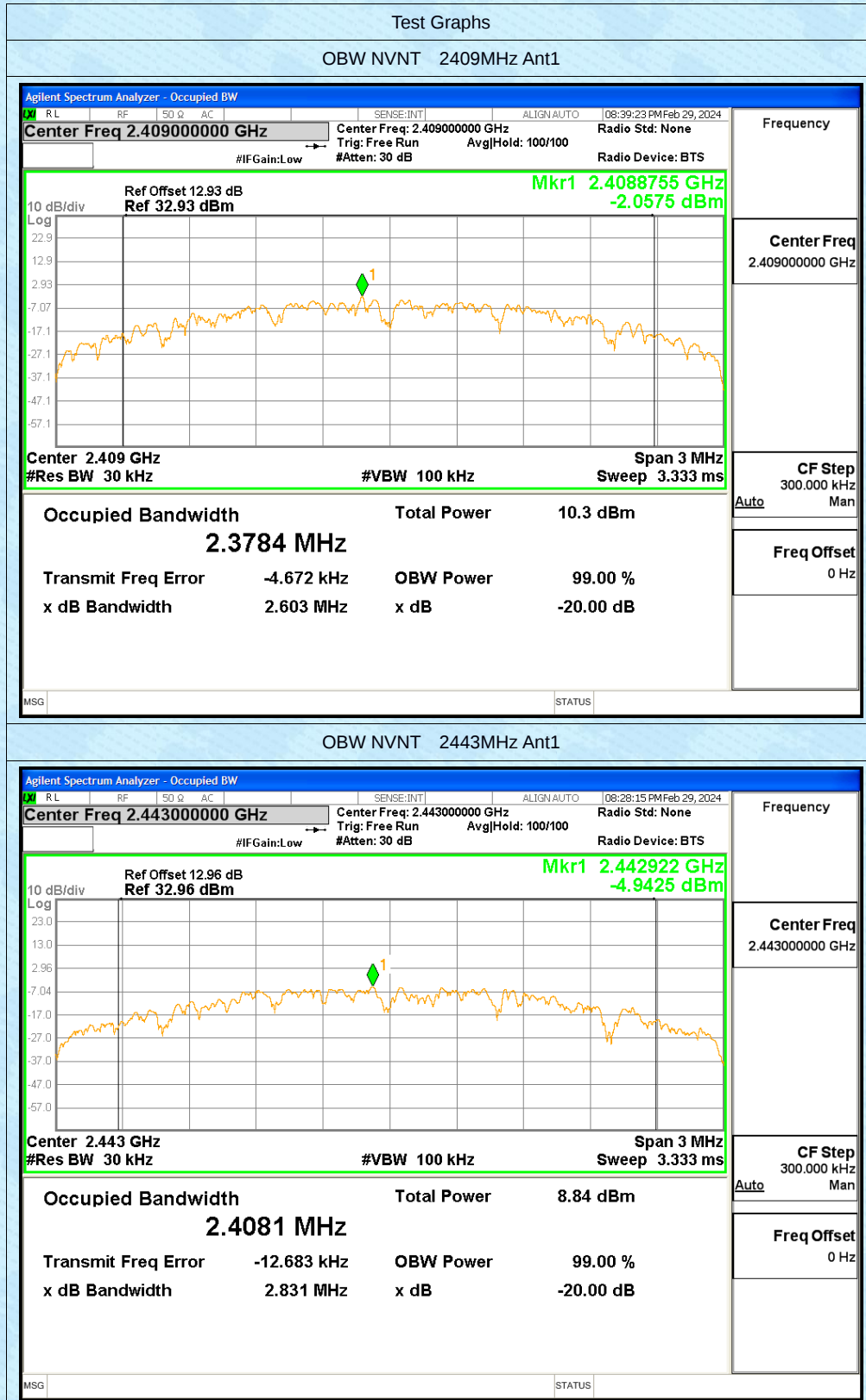


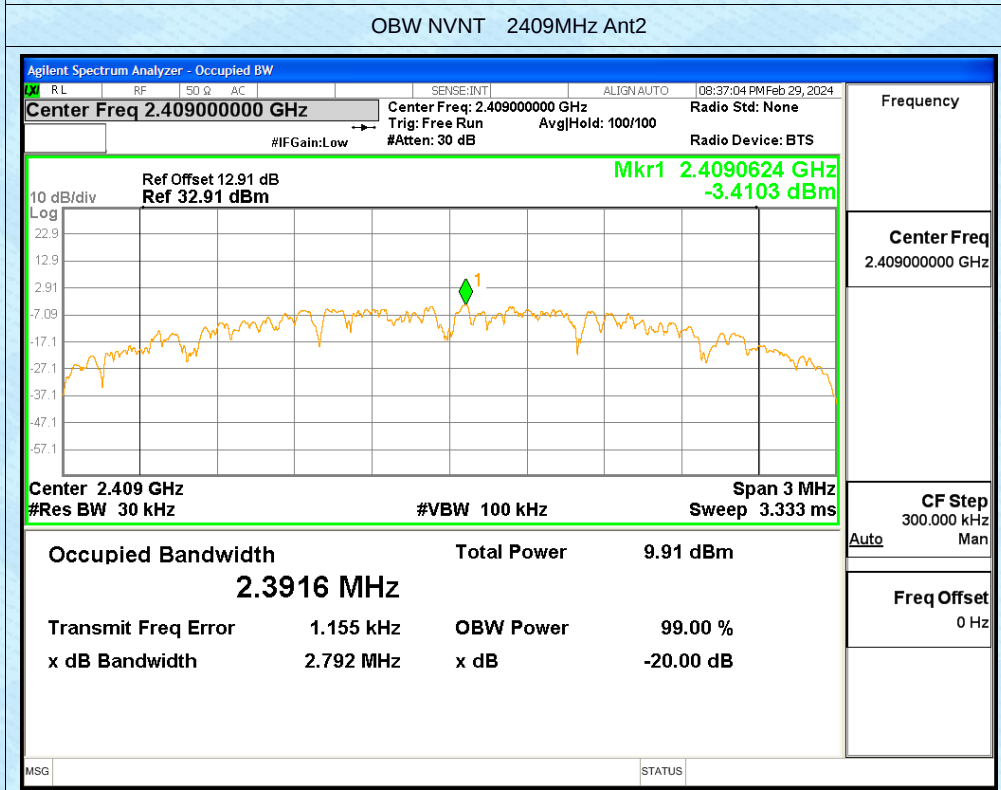
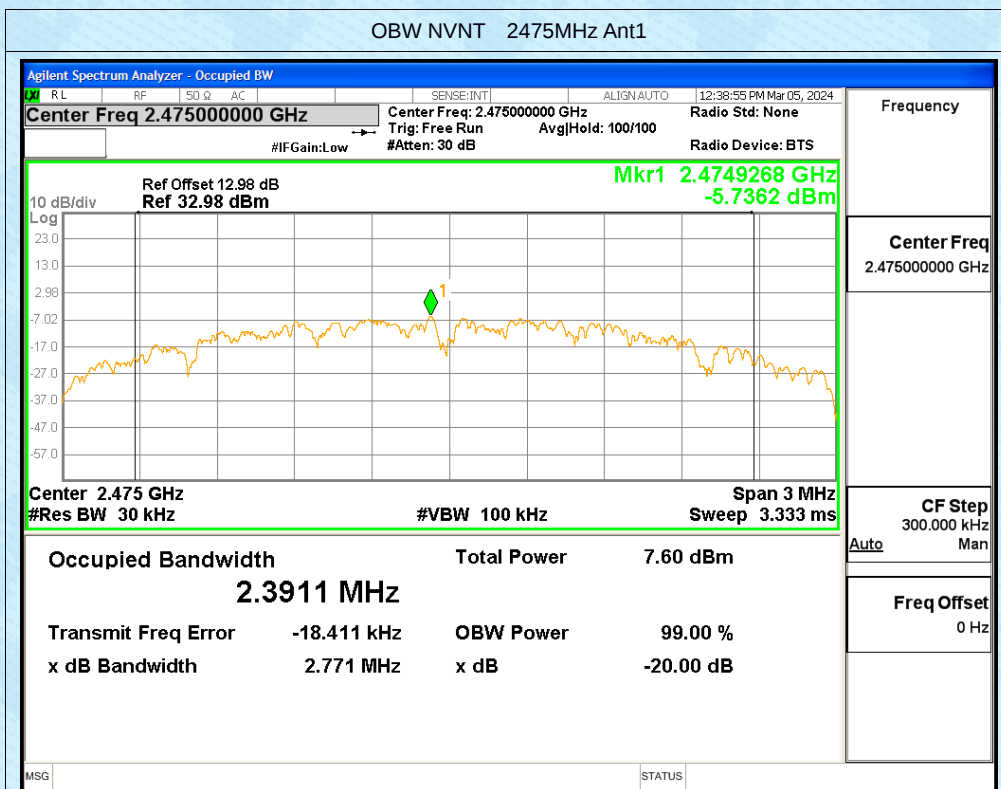


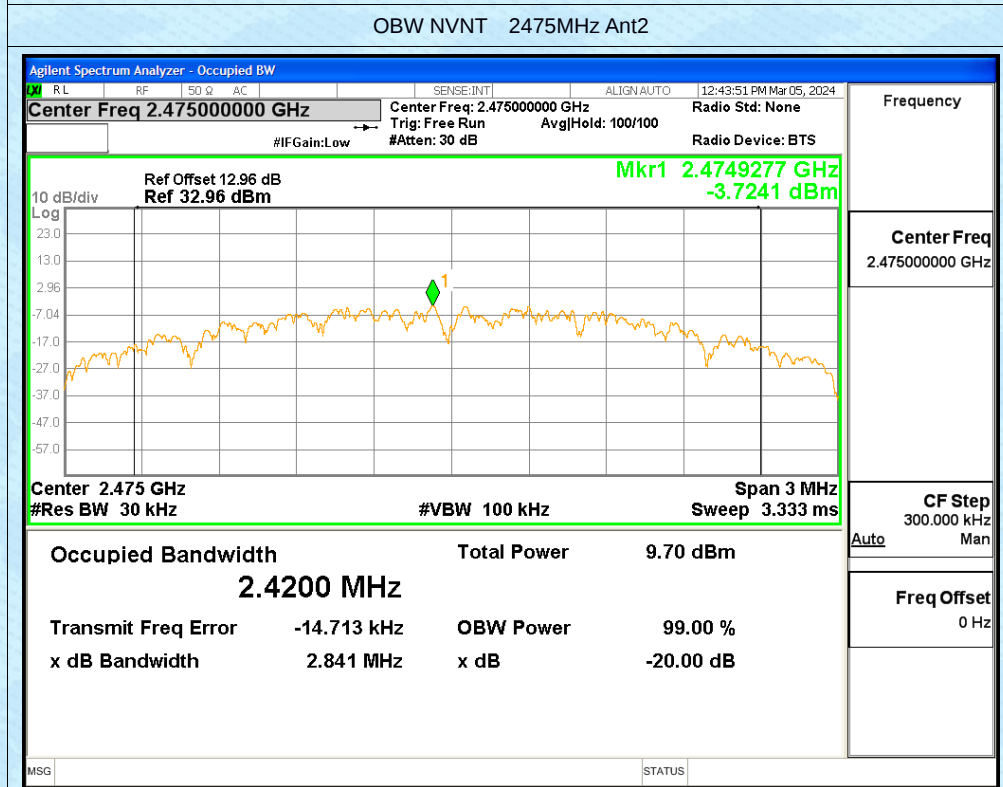
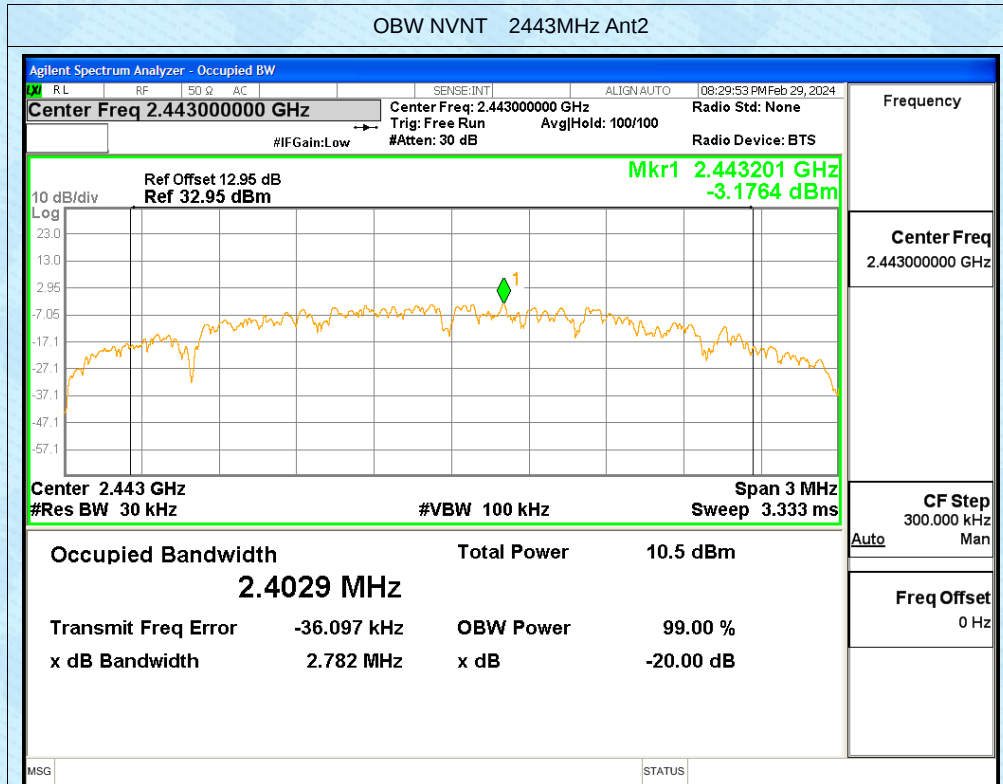


## Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | QPSK | 2409            | Ant1    | 2.378         |
|           |      | 2443            |         | 2.408         |
|           |      | 2475            |         | 2.391         |
|           |      | 2409            | Ant2    | 2.392         |
|           |      | 2443            |         | 2.403         |
|           |      | 2475            |         | 2.420         |

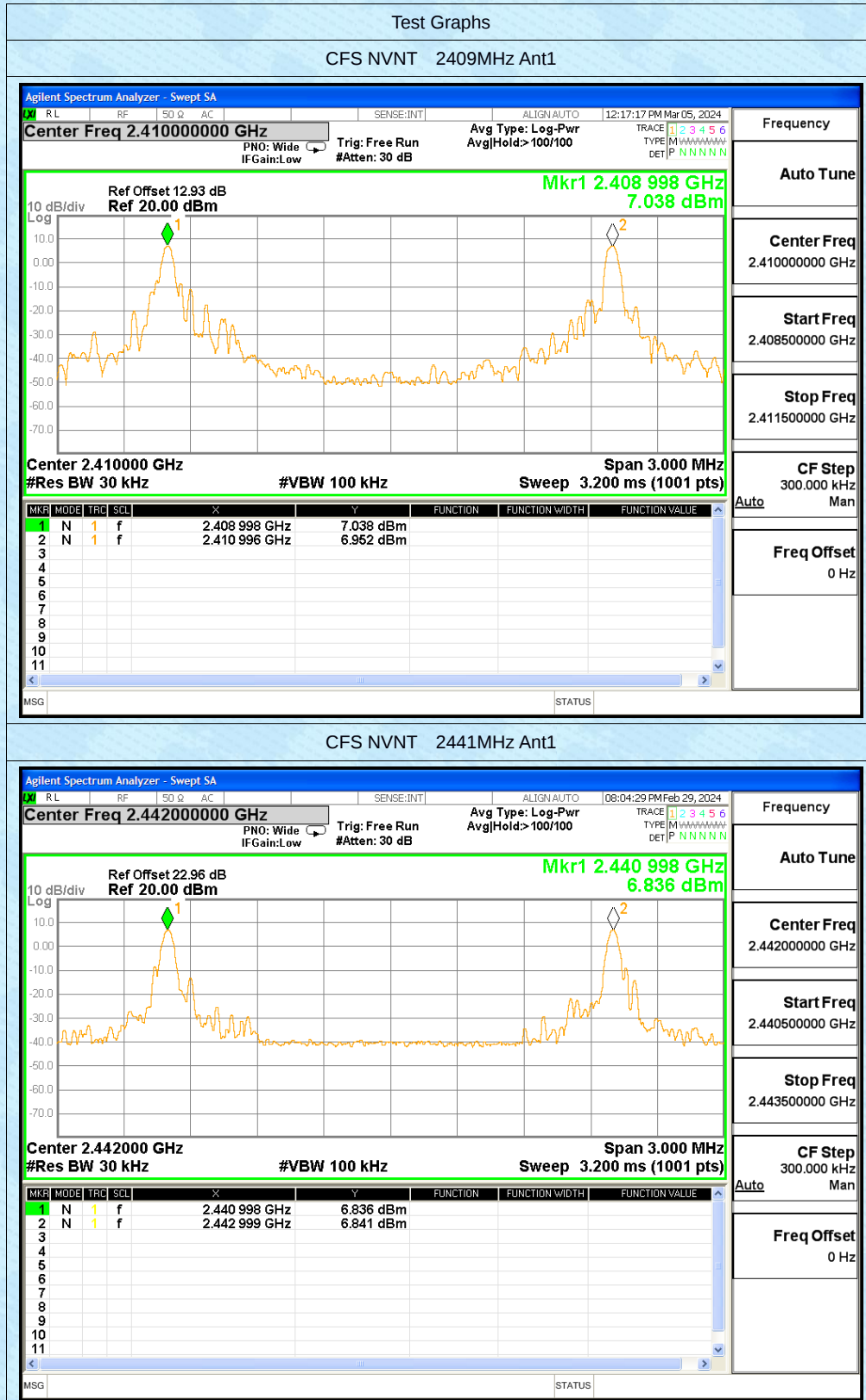


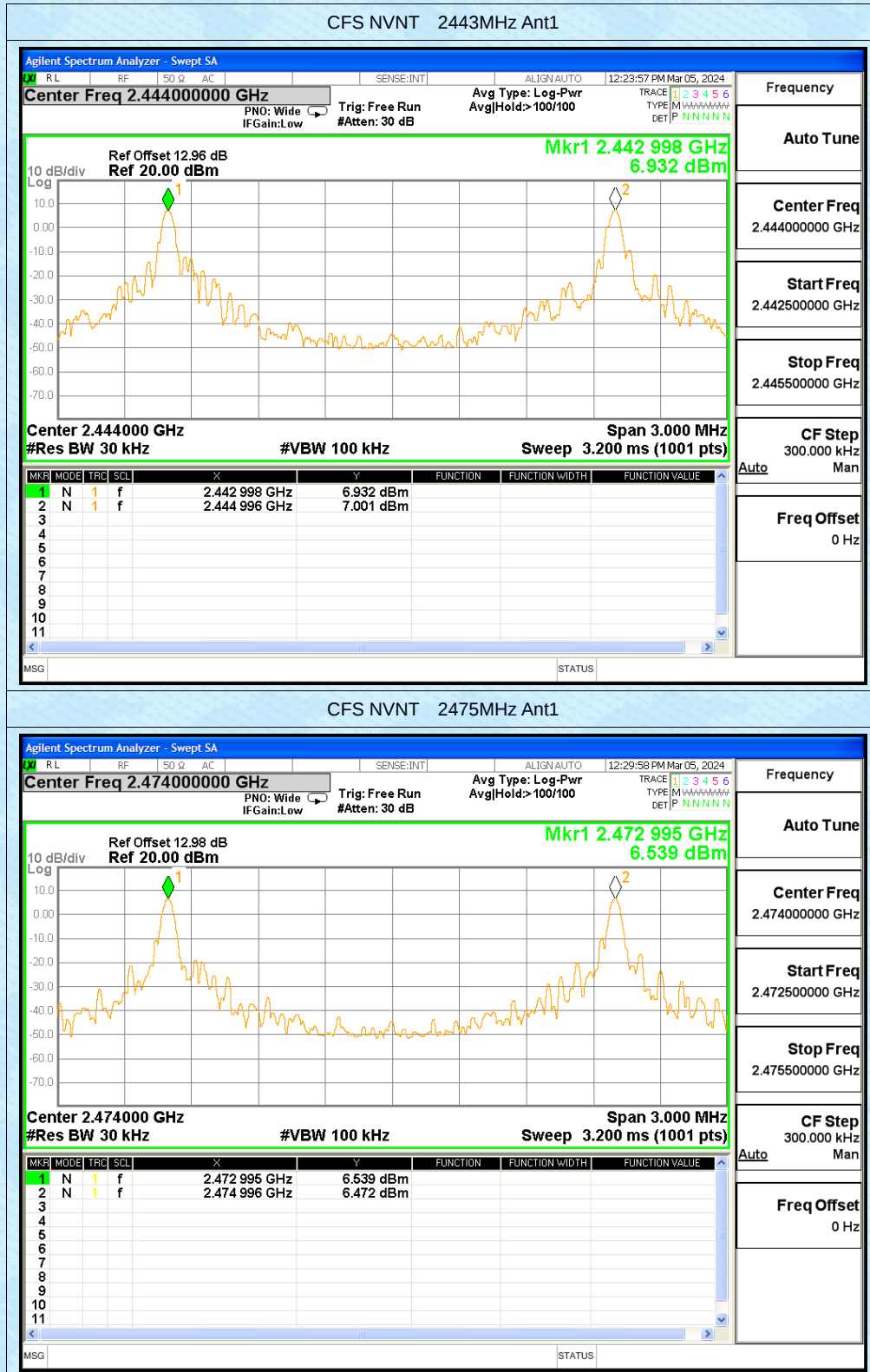


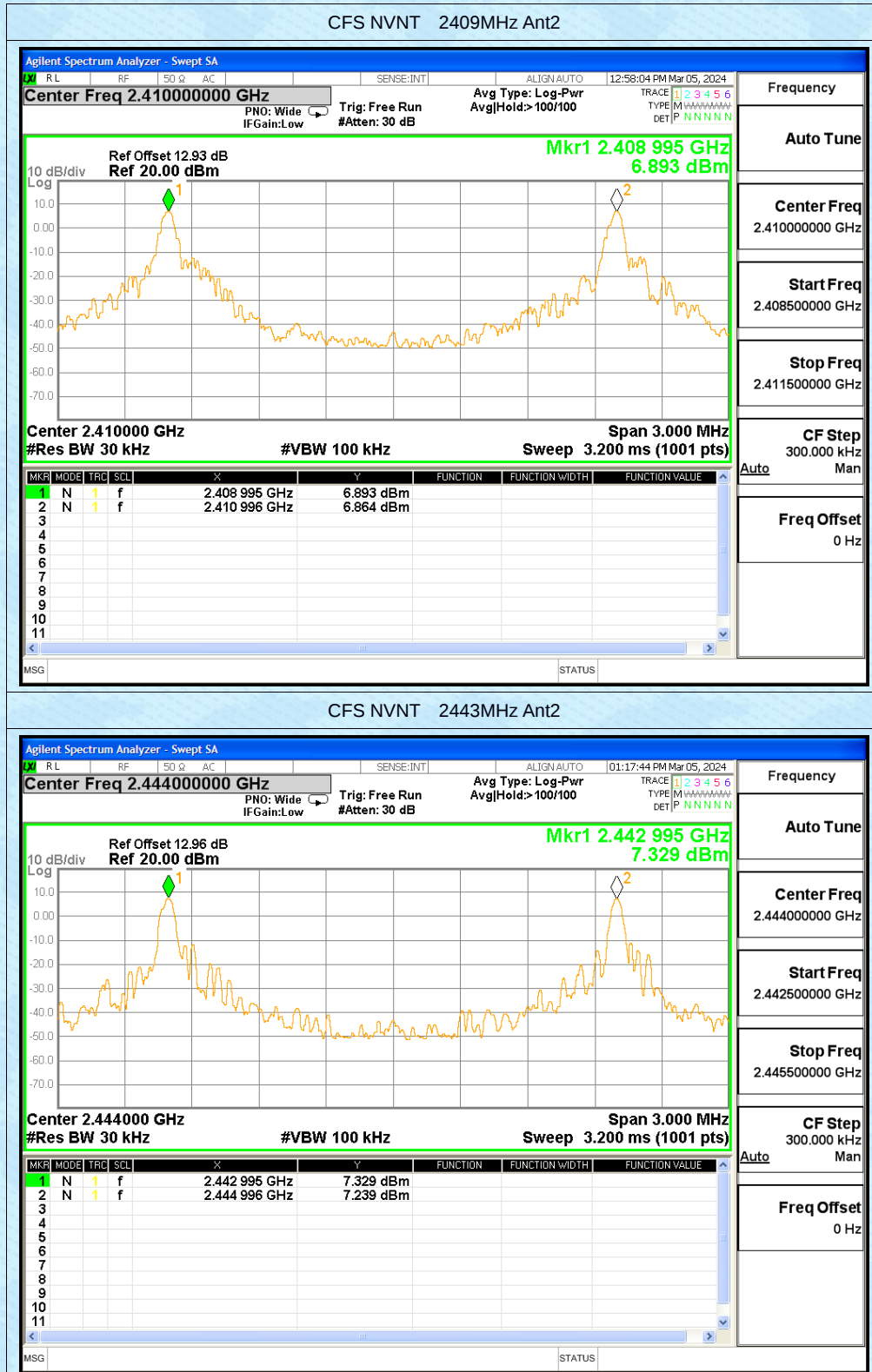


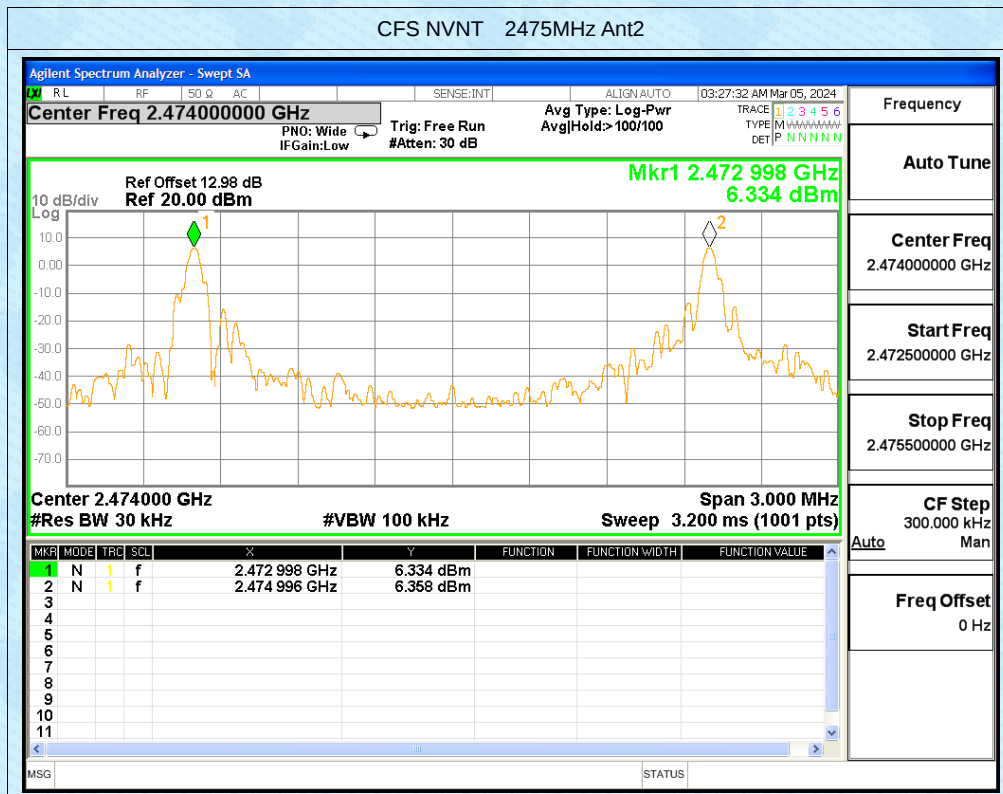
## Carrier Frequencies Separation

| Condition | Mode | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | QPSK | Ant1    | 2408.998            | 2410.996            | 1.998     | 1.324       | Pass    |
|           |      |         | 2440.998            | 2442.999            | 2.001     | 0.025       | Pass    |
|           |      |         | 2442.998            | 2444.996            | 1.998     | 1.332       | Pass    |
|           |      |         | 2472.995            | 2474.996            | 2.001     | 1.322       | Pass    |
|           |      | Ant2    | 2408.995            | 2410.996            | 2.001     | 1.326       | Pass    |
|           |      |         | 2442.995            | 2444.996            | 2.001     | 1.325       | Pass    |
|           |      |         | 2472.998            | 2474.996            | 1.998     | 1.333       | Pass    |



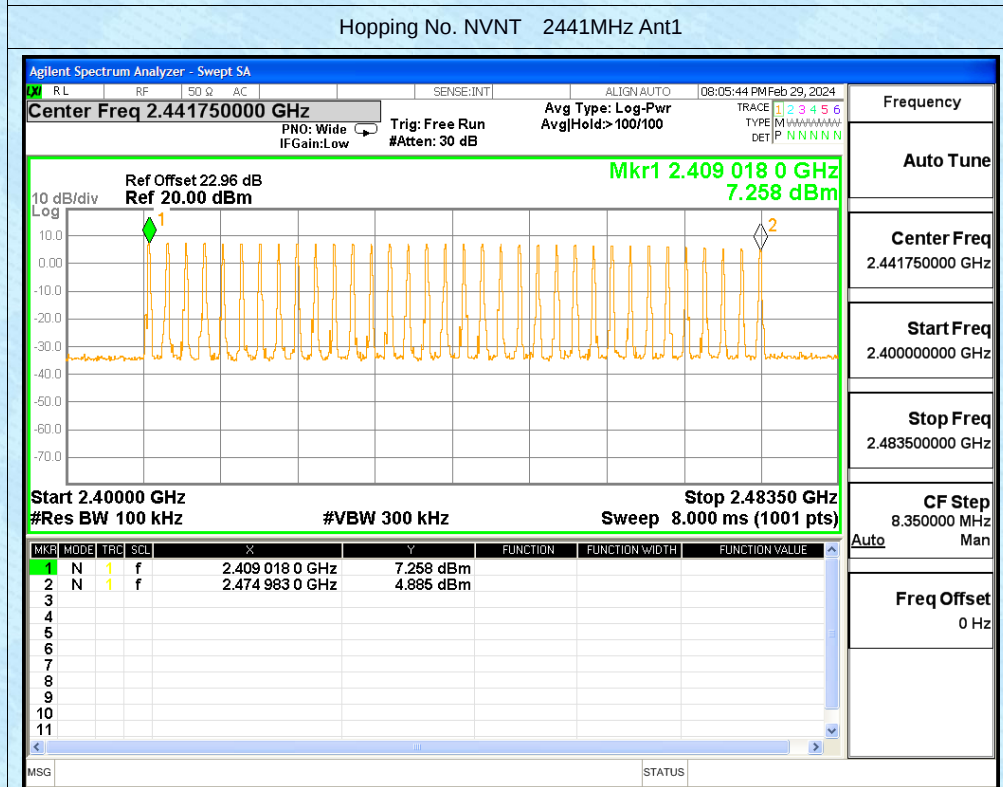
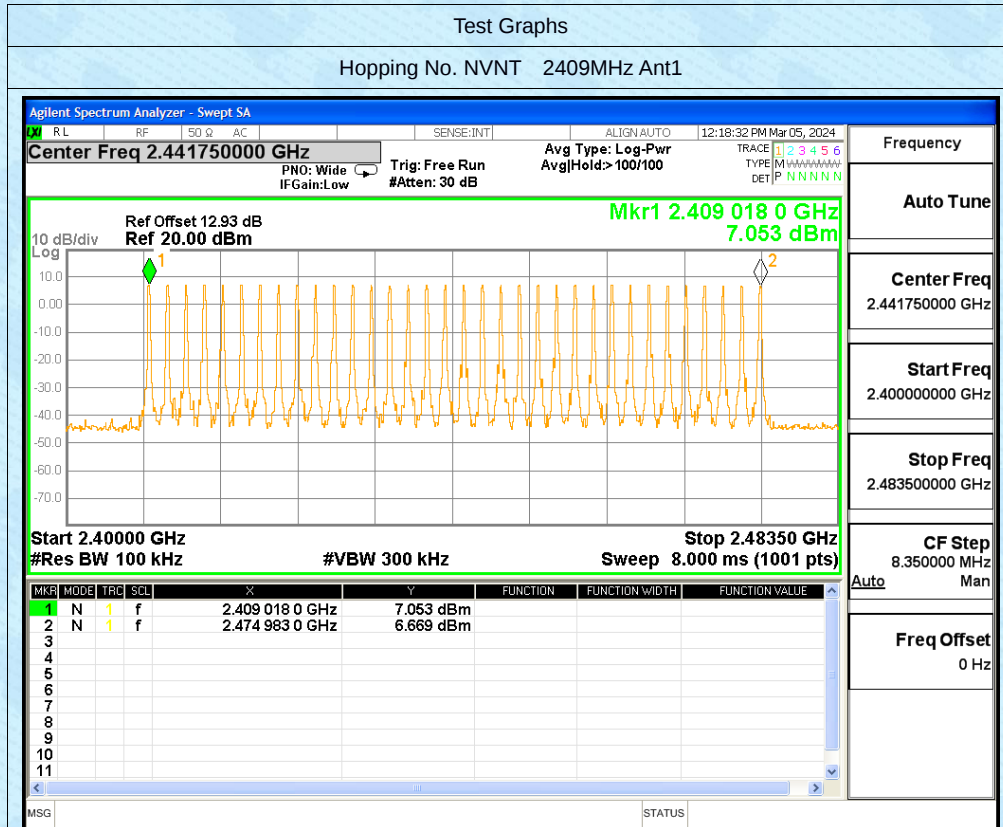


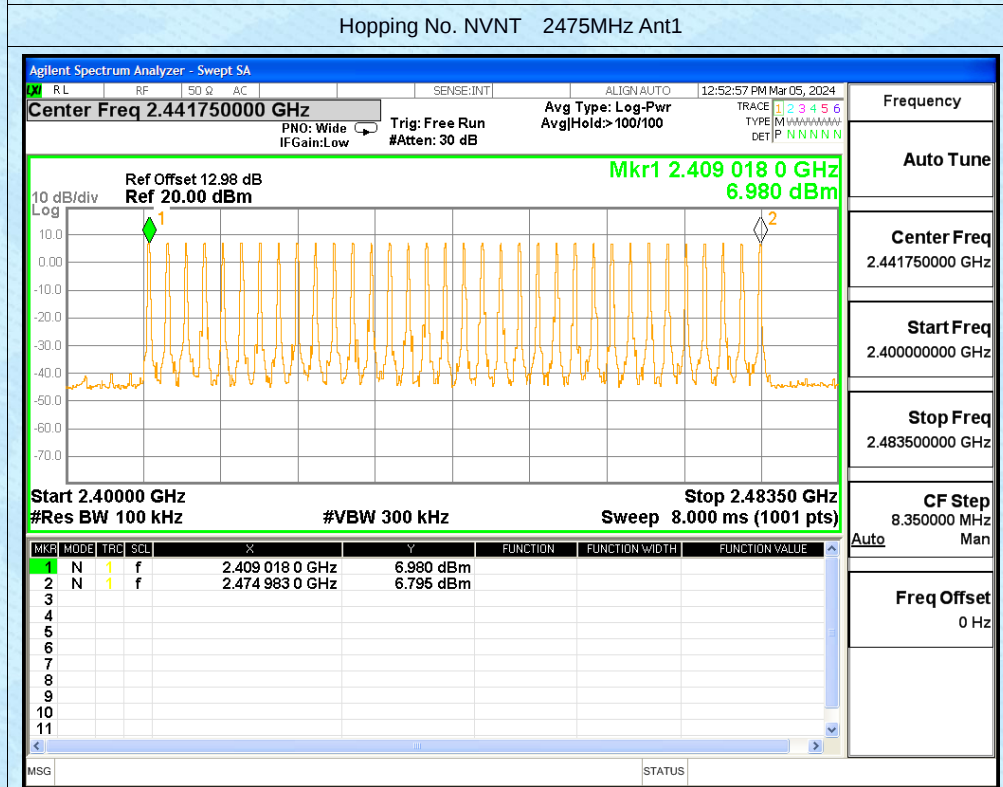
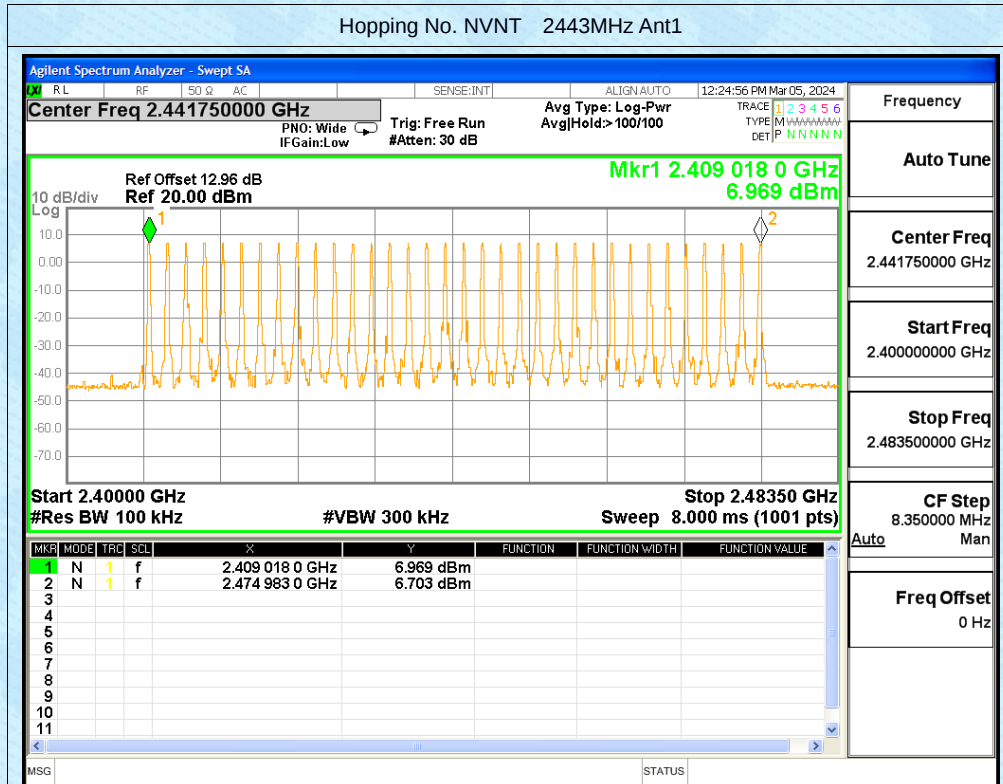




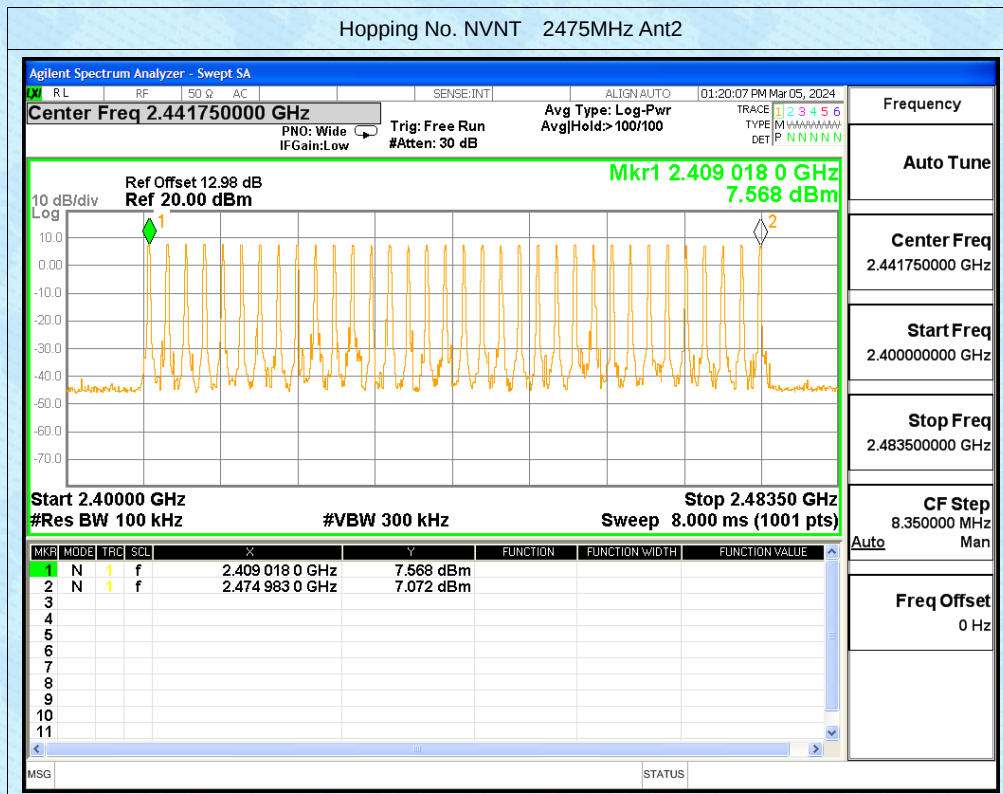
## Number of Hopping Channel

| Condition | Mode | Antenna | Hopping Number | Limit | Verdict |
|-----------|------|---------|----------------|-------|---------|
| NVNT      | QPSK | Ant1    | 34             | 15    | Pass    |
|           |      | Ant2    |                | 15    | Pass    |









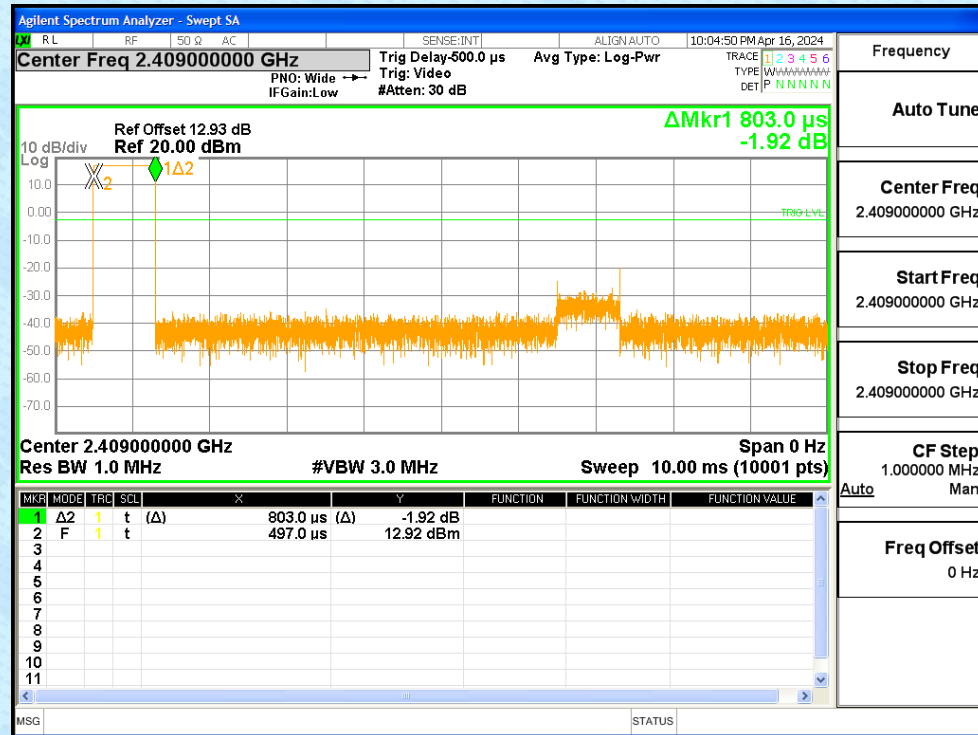
## Dwell Time

| Condition | Mode | Frequency<br>(MHz) | Antenna | Ton (ms)<br>(ms) | Total Dwell<br>Time (ms) | Burst<br>Count | Period Time<br>(ms) | Limit<br>(ms) | Verdict |
|-----------|------|--------------------|---------|------------------|--------------------------|----------------|---------------------|---------------|---------|
| NVNT      | QPSK | 2409               | Ant1    | 0.803            | 54.60                    | 5              | 1000                | 400           | Pass    |
|           |      | 2443               |         | 0.803            | 54.60                    | 5              | 1000                | 400           | Pass    |
|           |      | 2475               |         | 0.803            | 54.60                    | 5              | 1000                | 400           | Pass    |
|           |      | 2409               | Ant2    | 0.803            | 54.60                    | 5              | 1000                | 400           | Pass    |
|           |      | 2443               |         | 0.803            | 54.60                    | 5              | 1000                | 400           | Pass    |
|           |      | 2475               |         | 0.803            | 54.60                    | 5              | 1000                | 400           | Pass    |

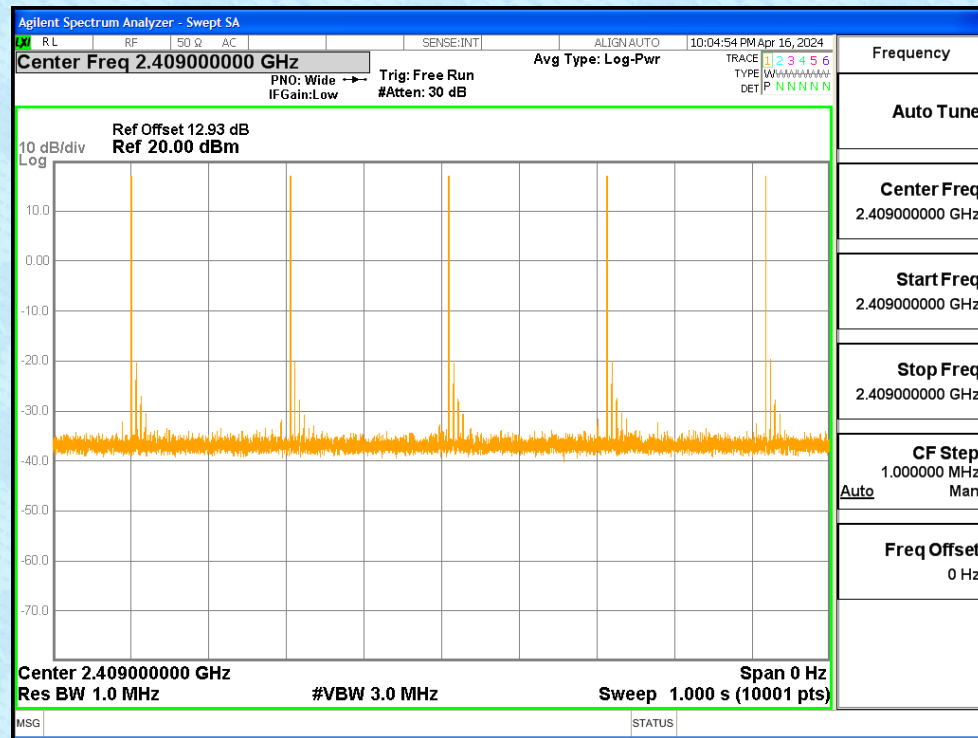
Dwell time = Ton \* Ton times in 1s \* 0.4s \* channel numbers=0.803ms\*5\*0.4\*34=54.60ms

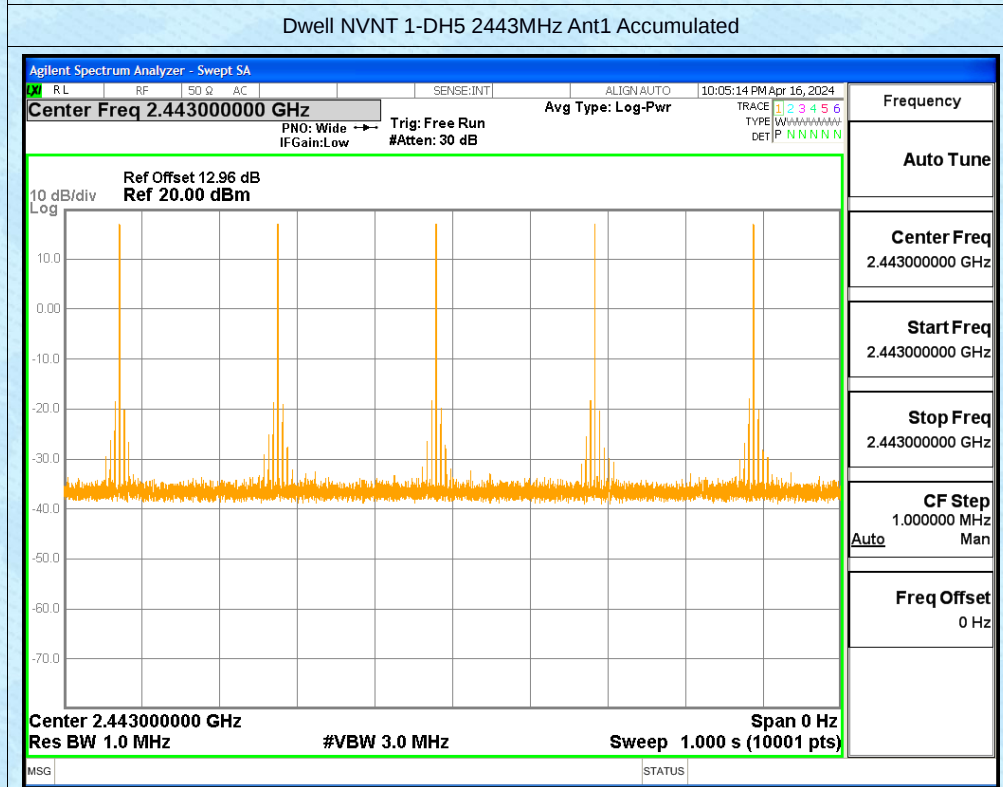
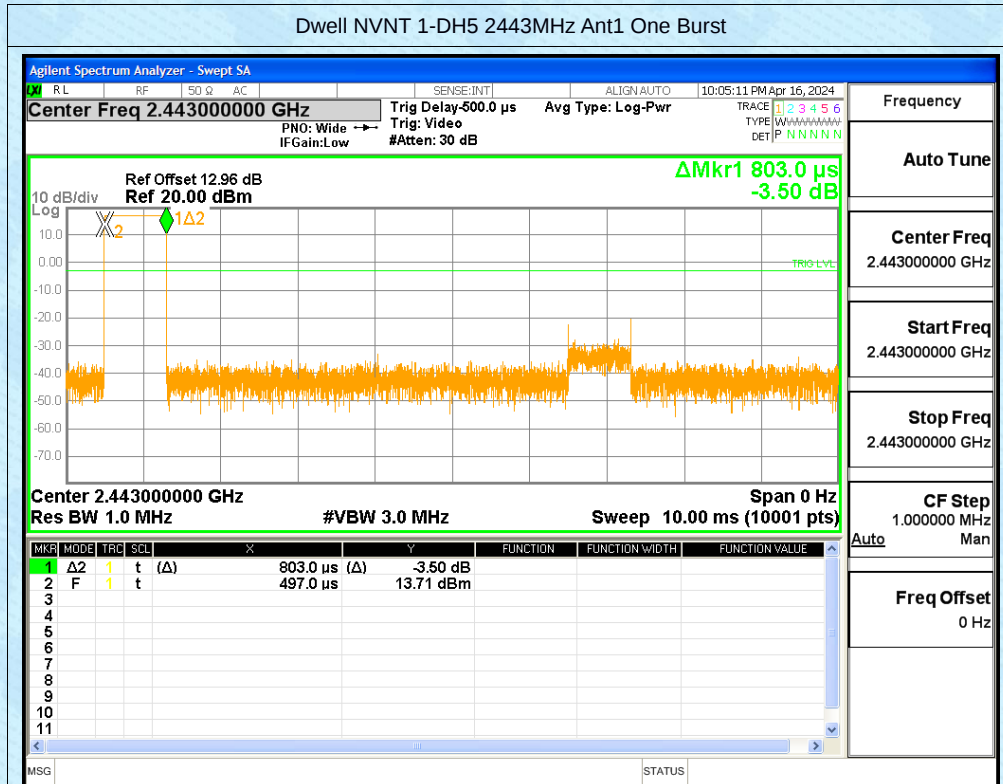
## Test Graphs

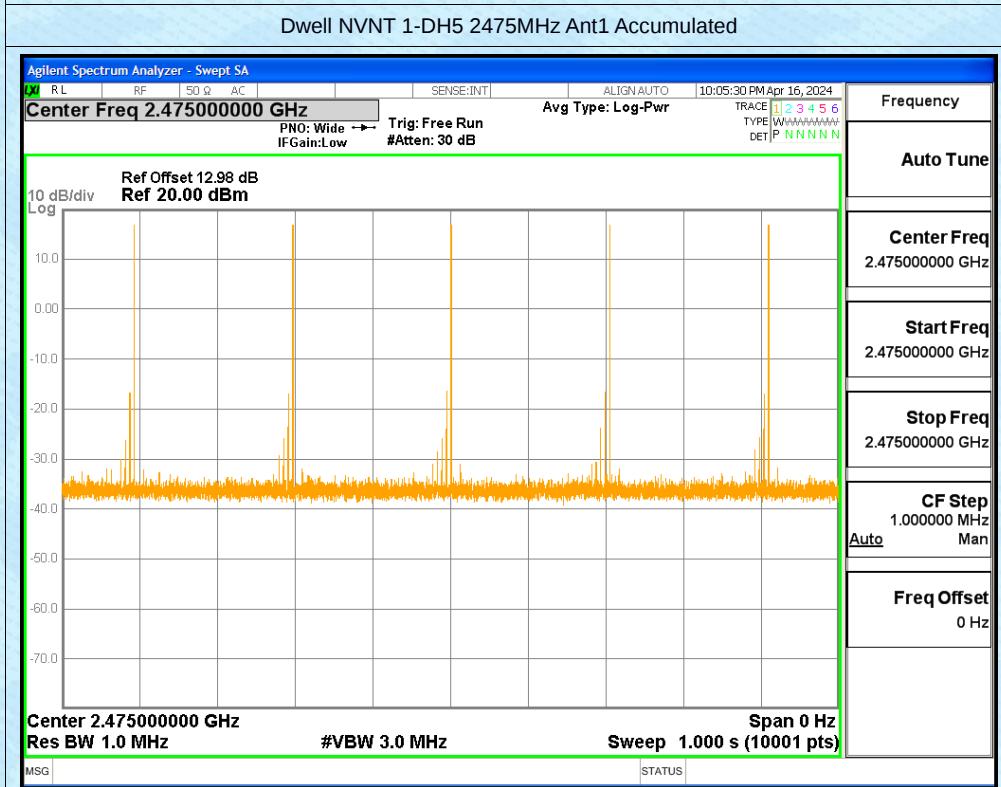
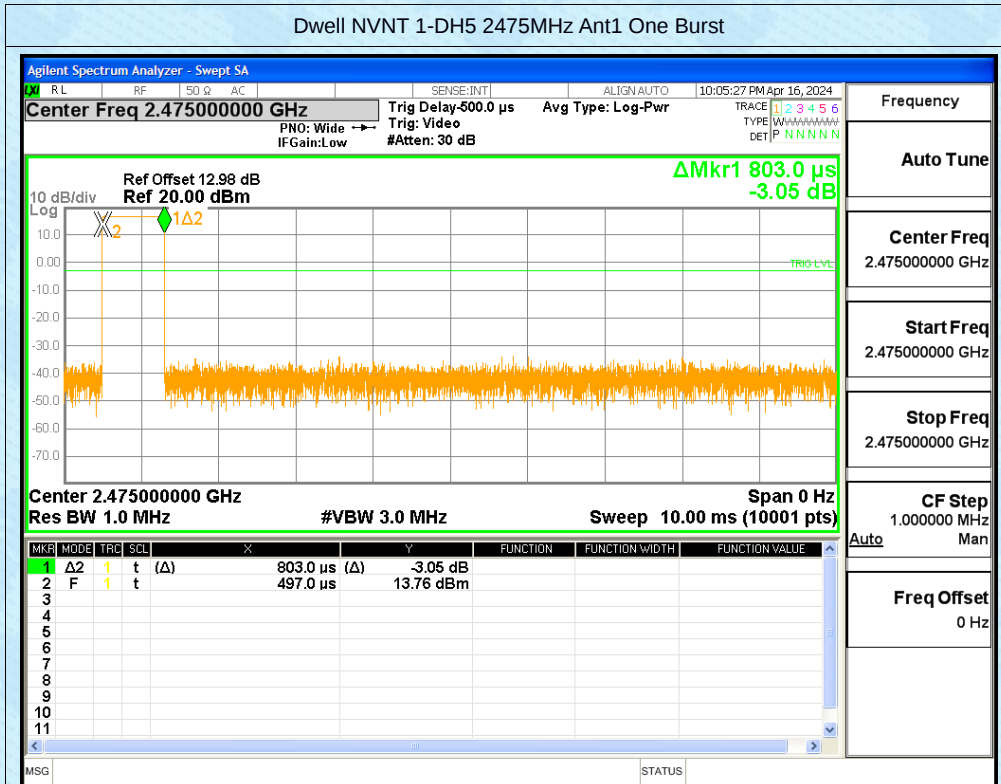
### Dwell NVNT 1-DH5 2409MHz Ant1 One Burst

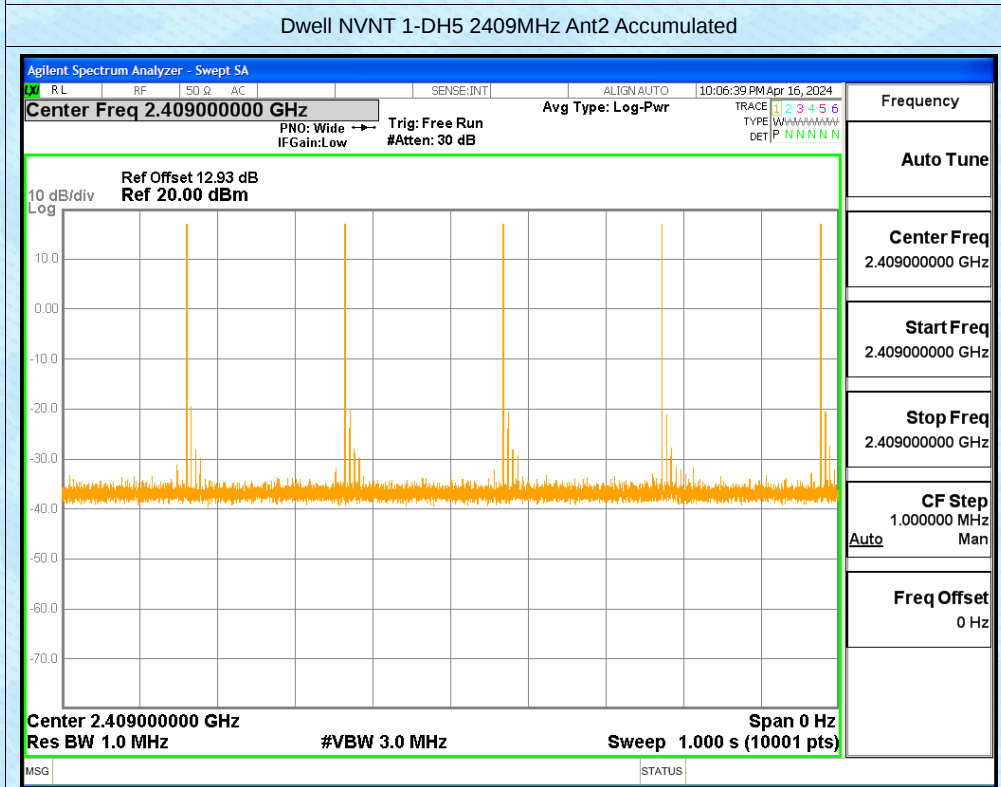
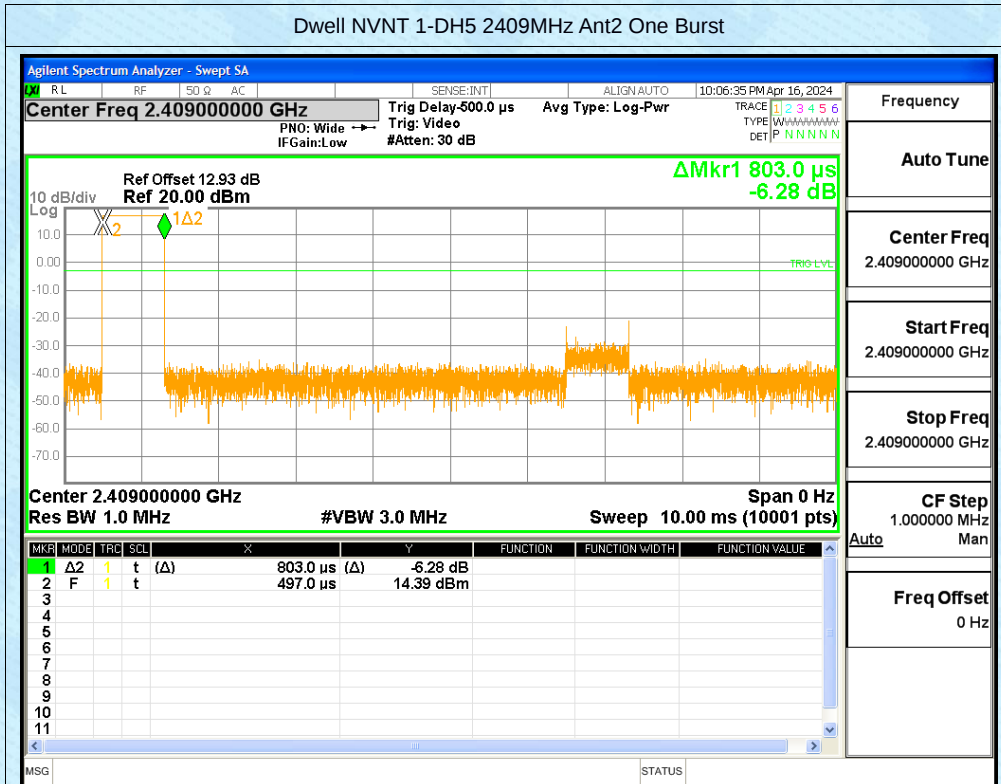


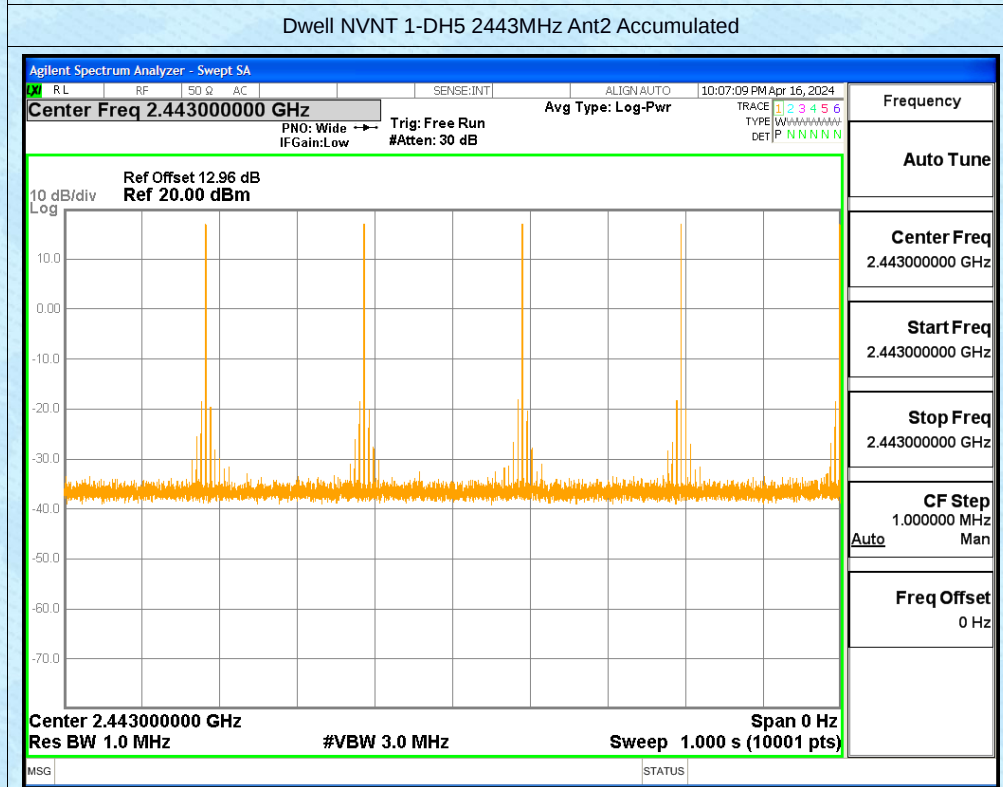
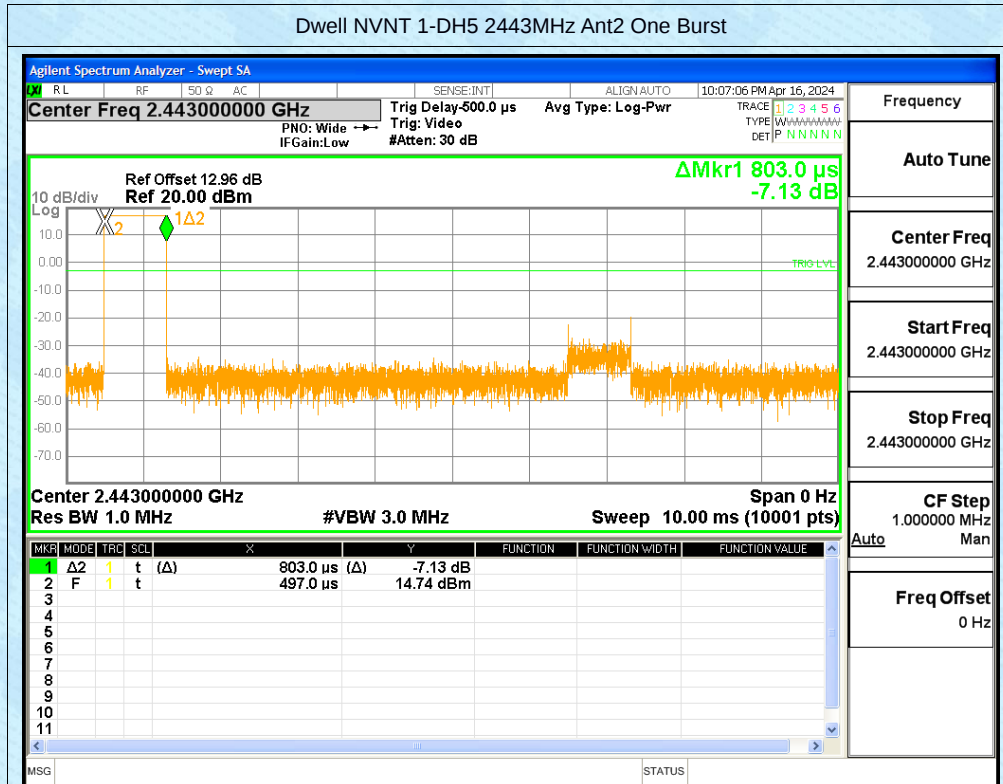
### Dwell NVNT 1-DH5 2409MHz Ant1 Accumulated

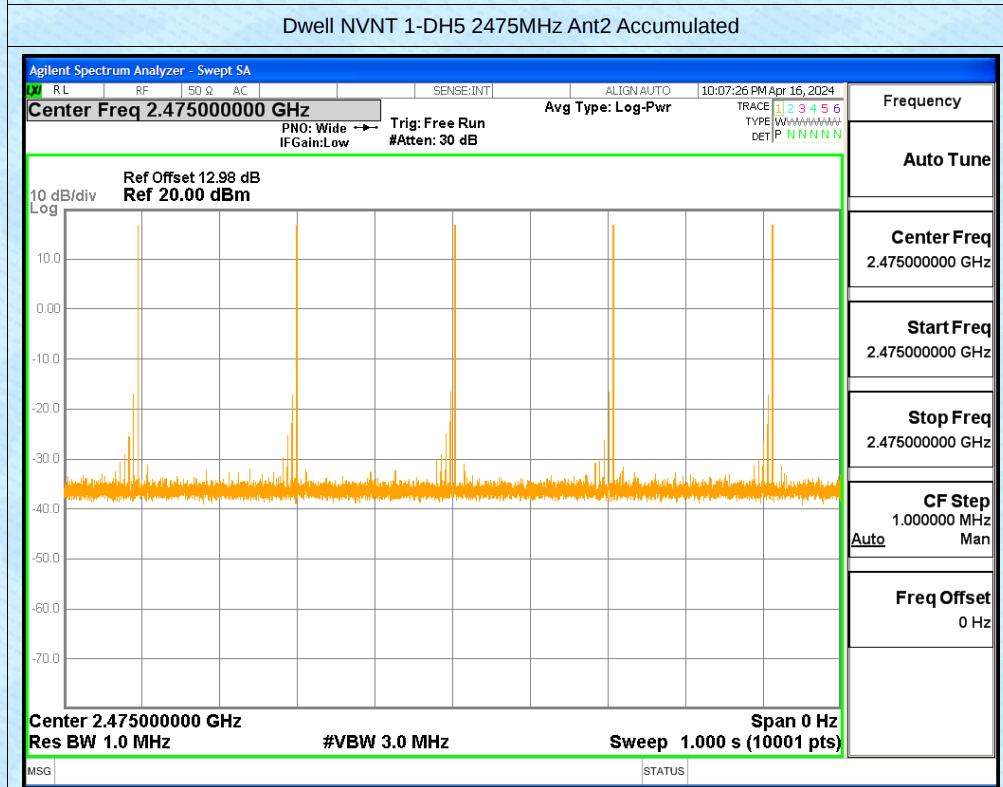
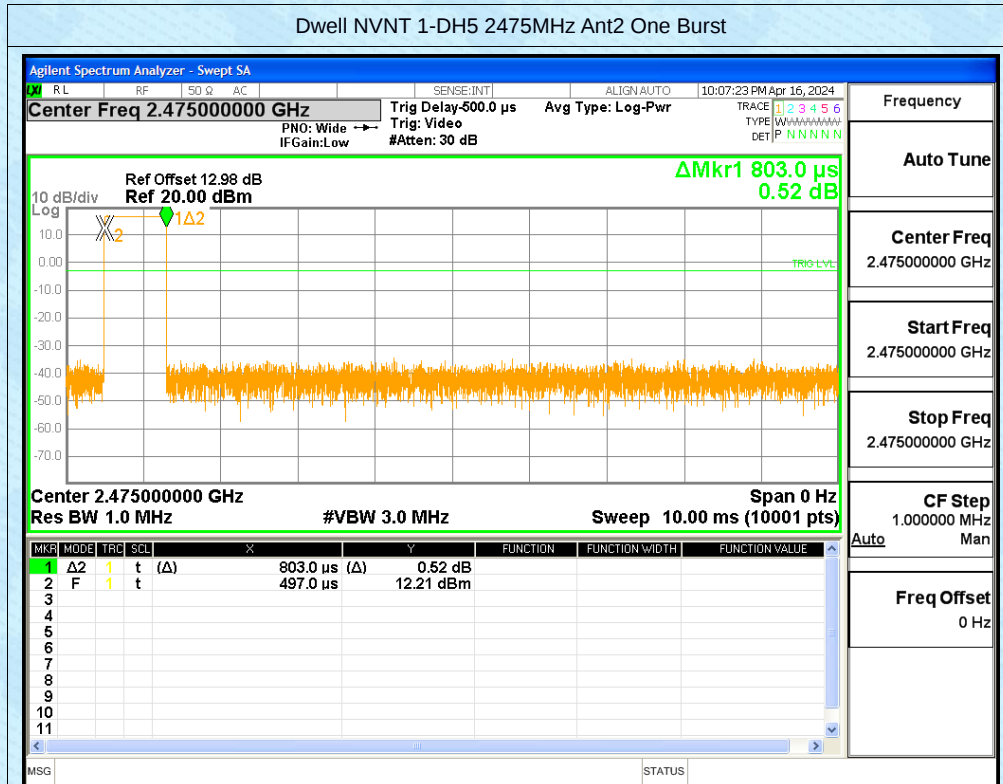






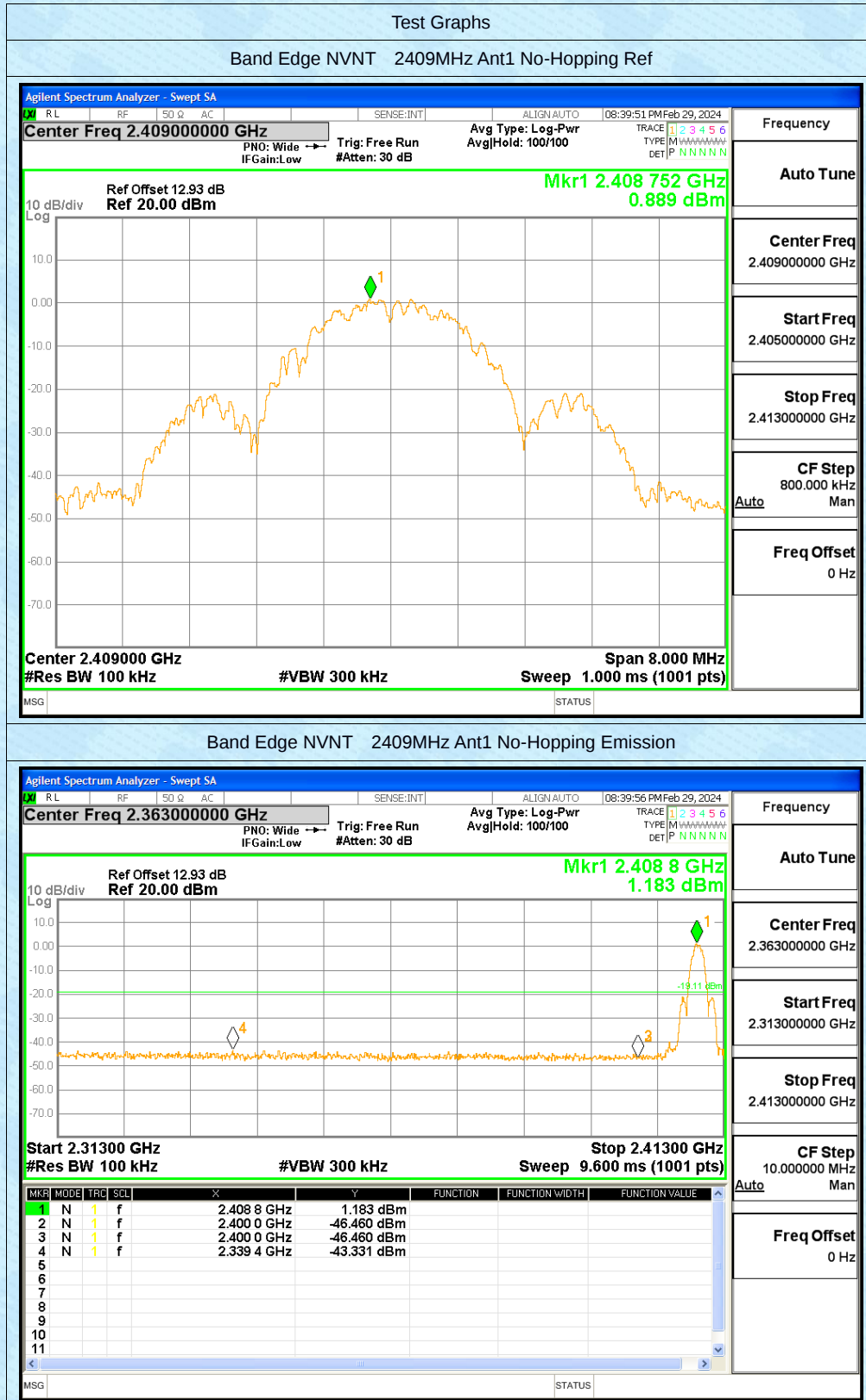


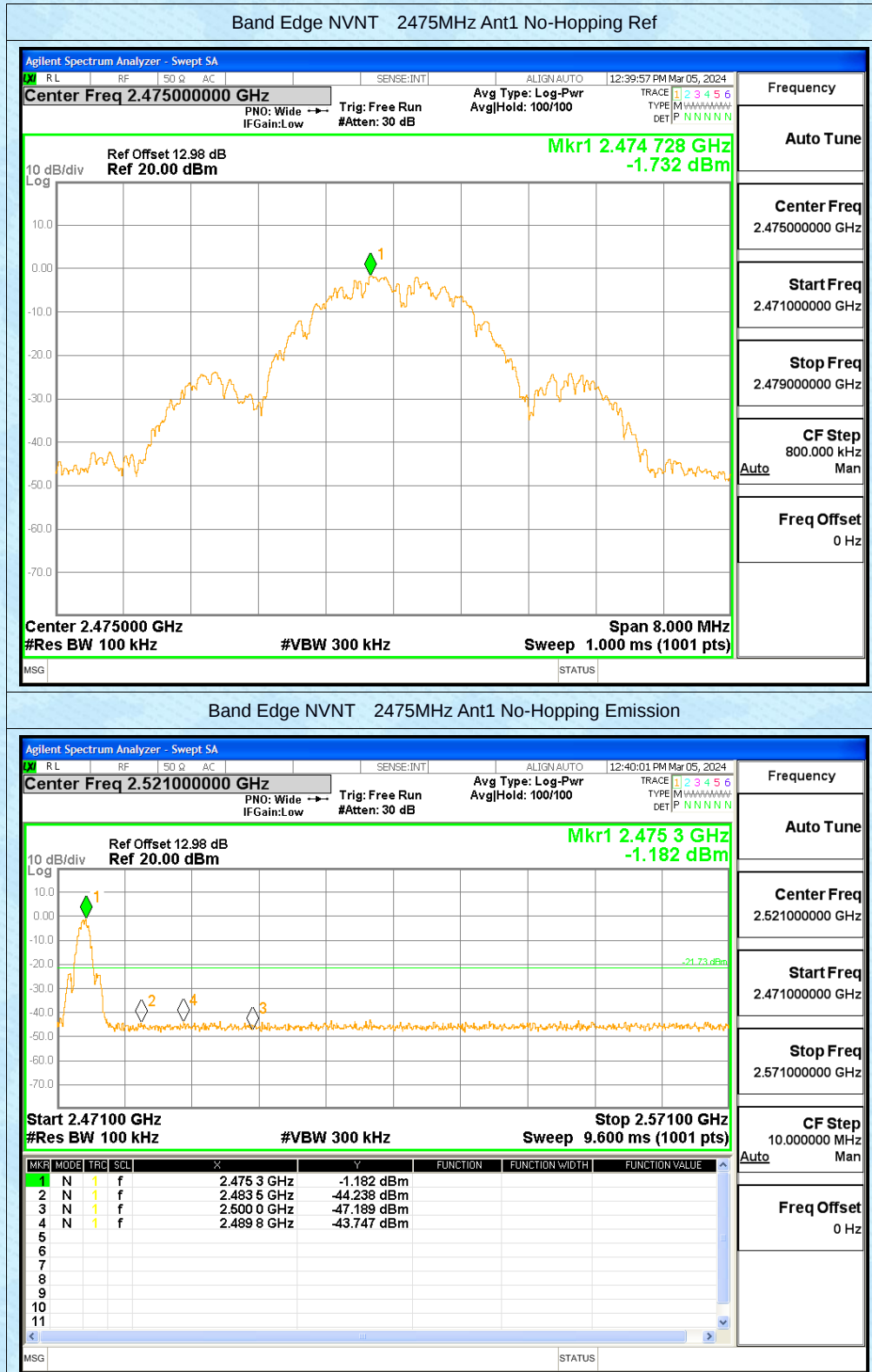


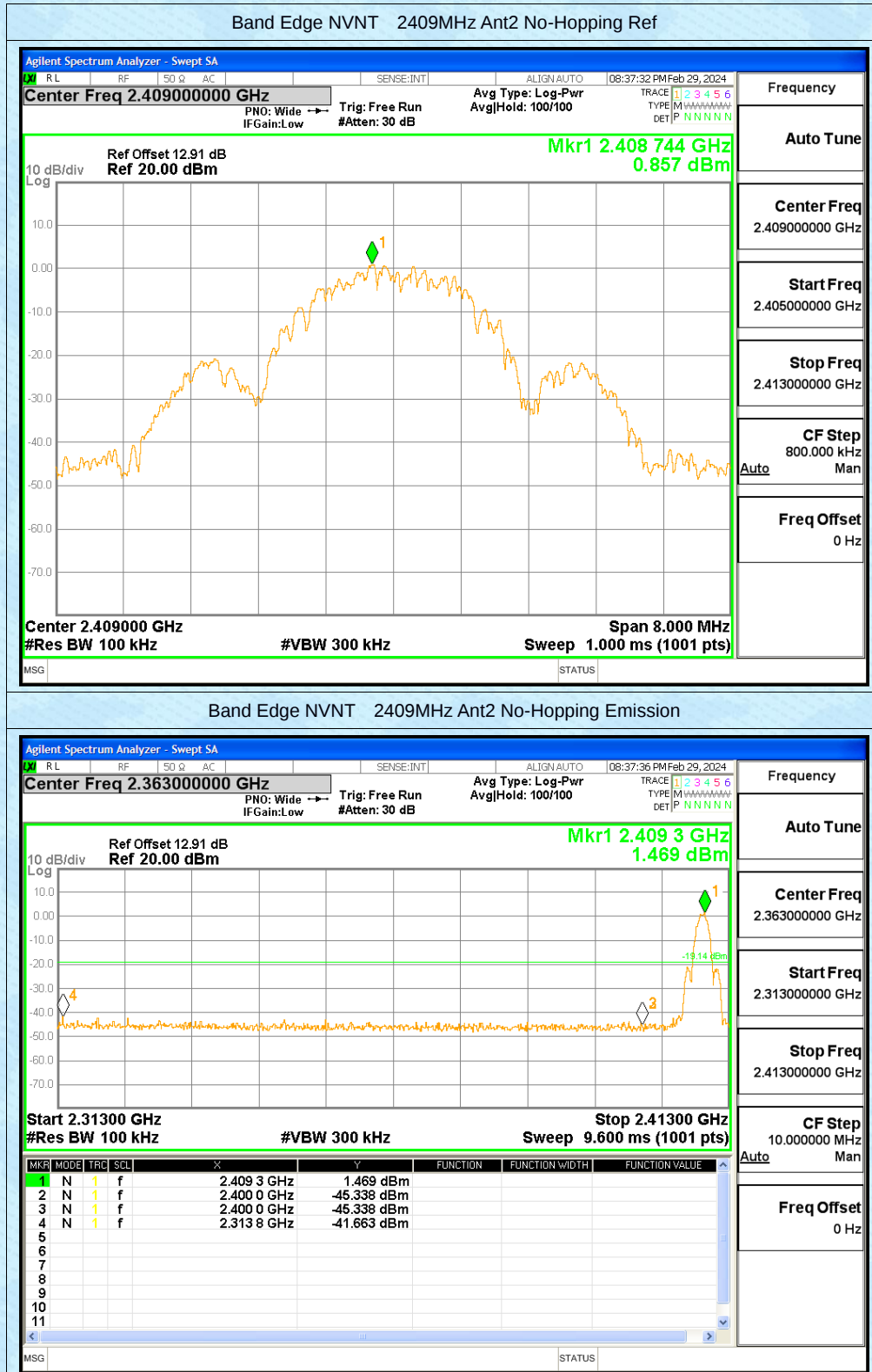


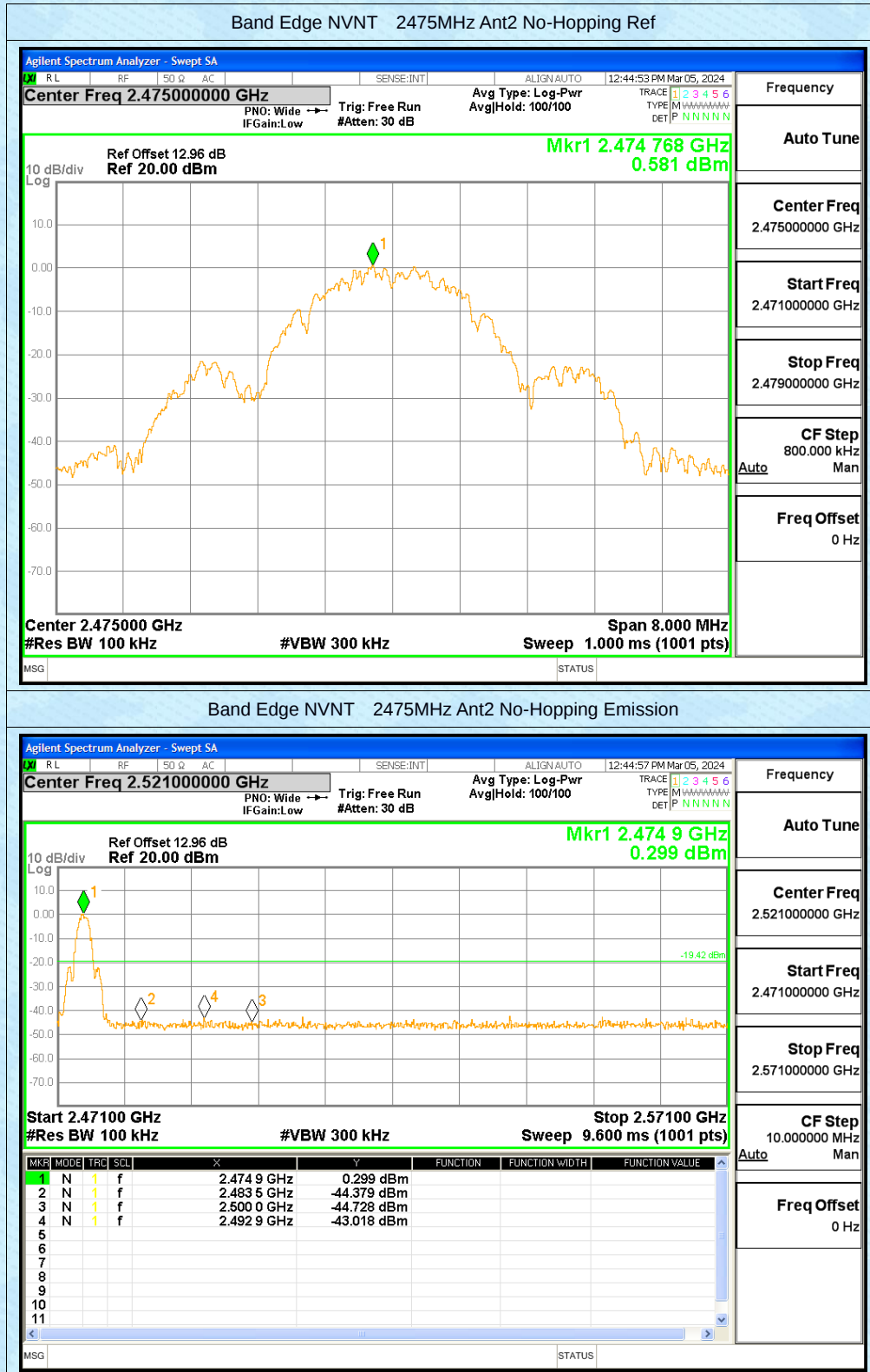
## Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | QPSK | 2409            | Ant1    | No-Hopping   | -44.22          | -20         | Pass    |
|           |      | 2475            |         | No-Hopping   | -42.01          | -20         | Pass    |
|           |      | 2409            | Ant2    | No-Hopping   | -42.52          | -20         | Pass    |
|           |      | 2475            |         | No-Hopping   | -43.59          | -20         | Pass    |



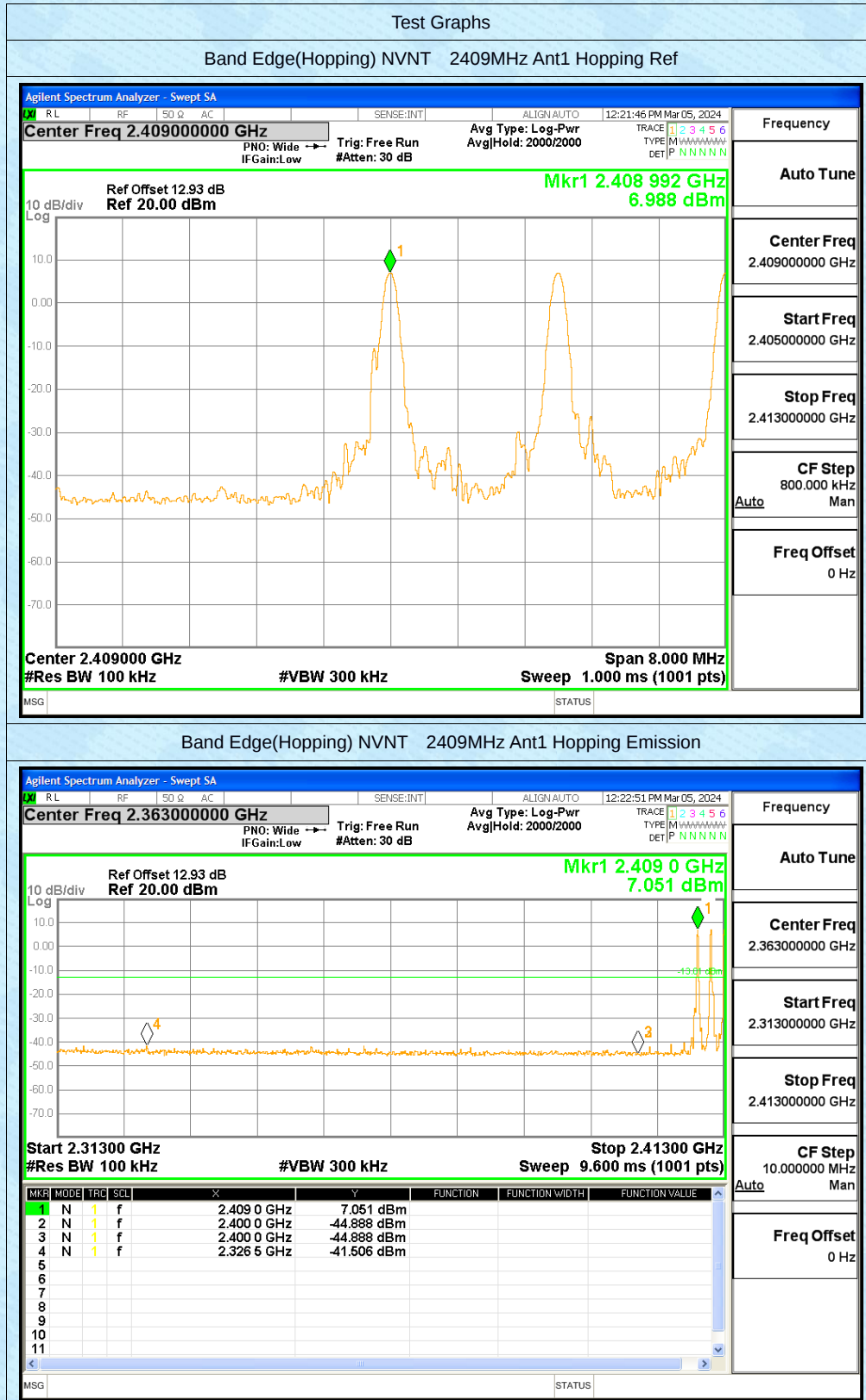




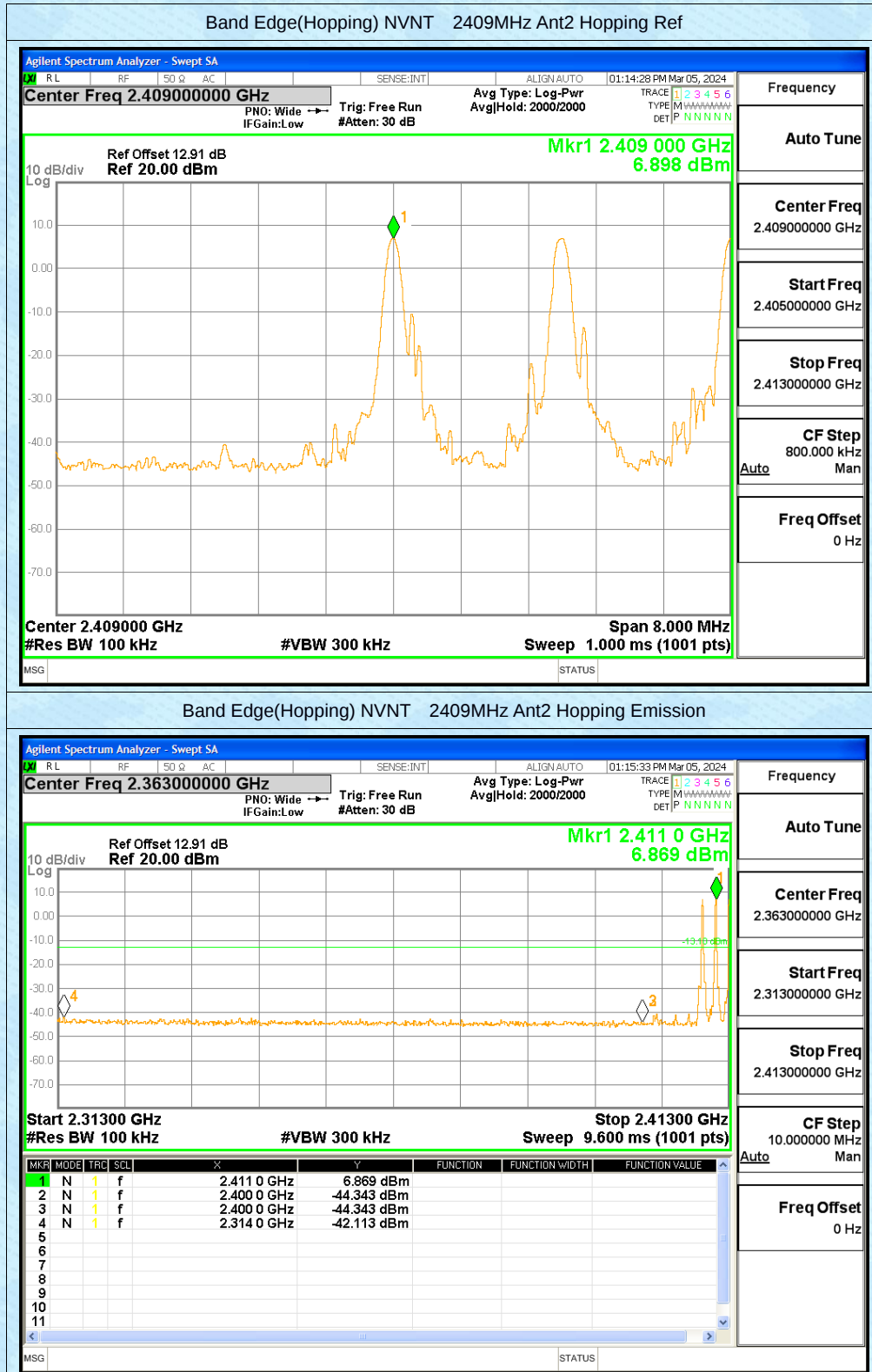


## Band Edge(Hopping)

| Condition | Mode | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | QPSK | 2409            | Ant1    | Hopping      | -48.49          | -20         | Pass    |
|           |      | 2475            |         | Hopping      | -48.97          | -20         | Pass    |
|           |      | 2409            | Ant2    | Hopping      | -49.01          | -20         | Pass    |
|           |      | 2475            |         | Hopping      | -39.69          | -20         | Pass    |









## Conducted RF Spurious Emission

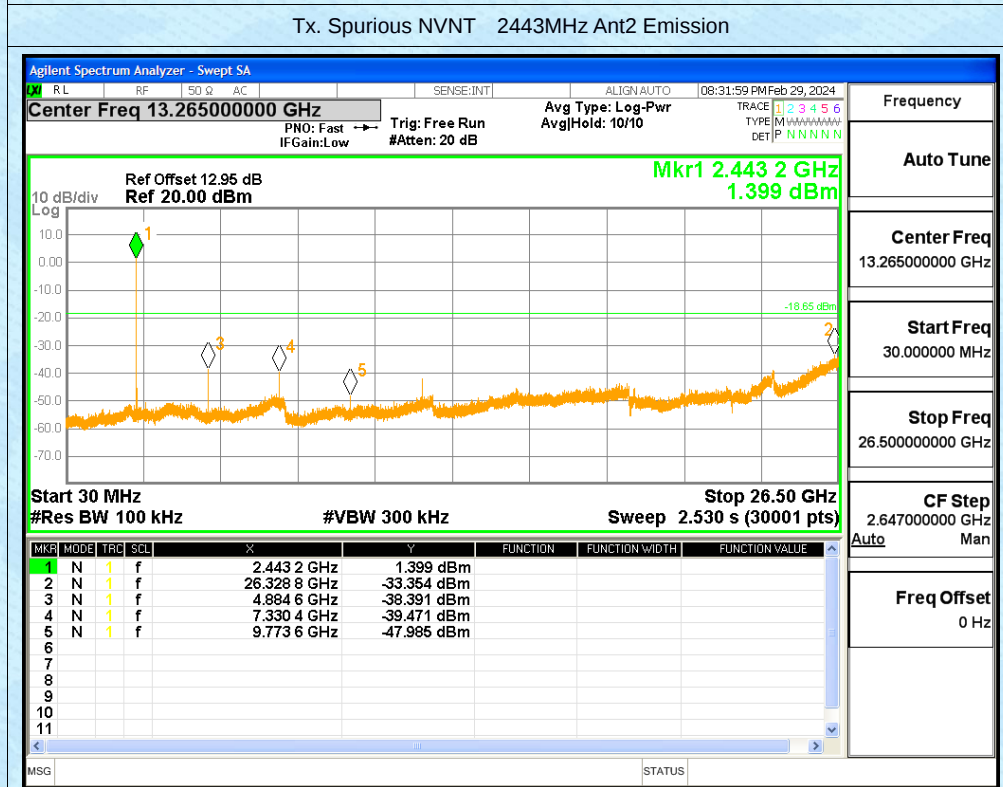
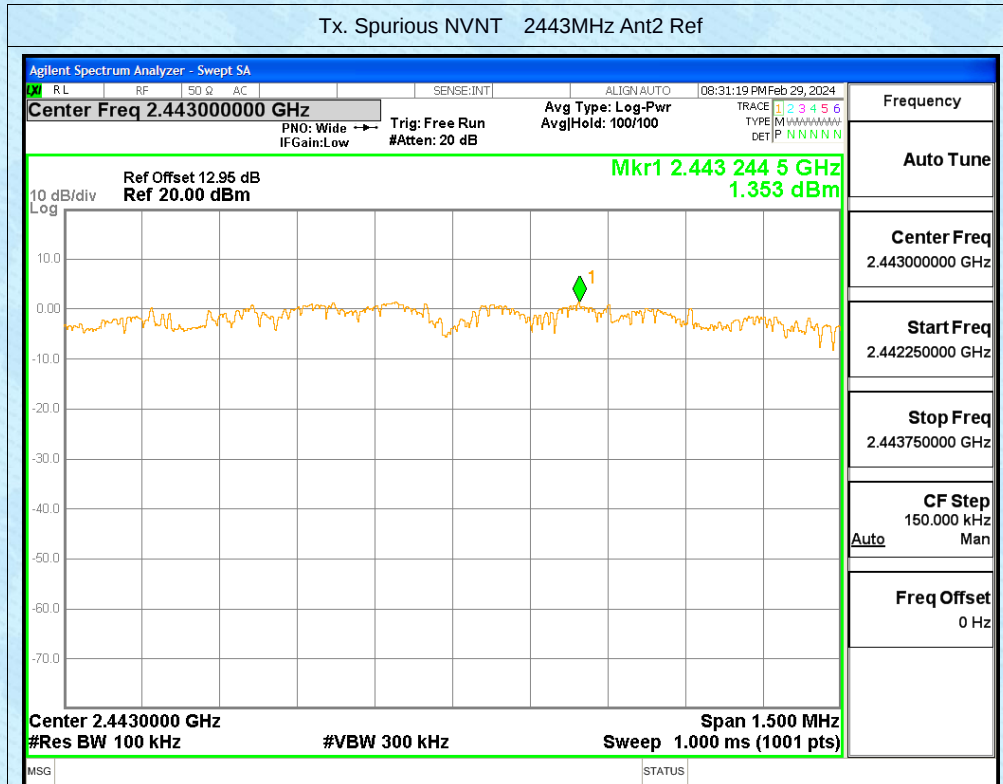
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | QPSK | 2409            | Ant1    | -33.93          | -20         | Pass    |
|           |      | 2443            |         | -32.31          | -20         | Pass    |
|           |      | 2475            |         | -32.09          | -20         | Pass    |
|           |      | 2409            | Ant2    | -35.07          | -20         | Pass    |
|           |      | 2443            |         | -34.7           | -20         | Pass    |
|           |      | 2475            |         | -30.15          | -20         | Pass    |













---End---