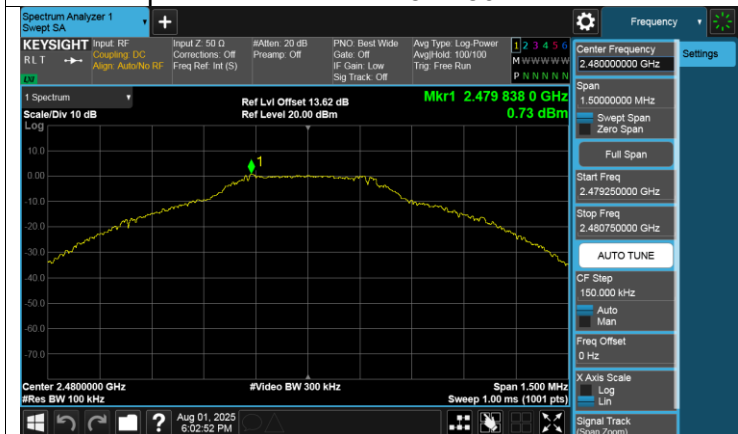


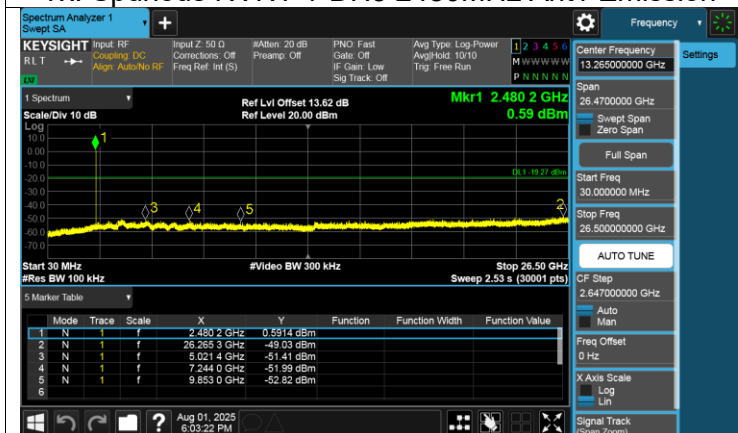
### Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

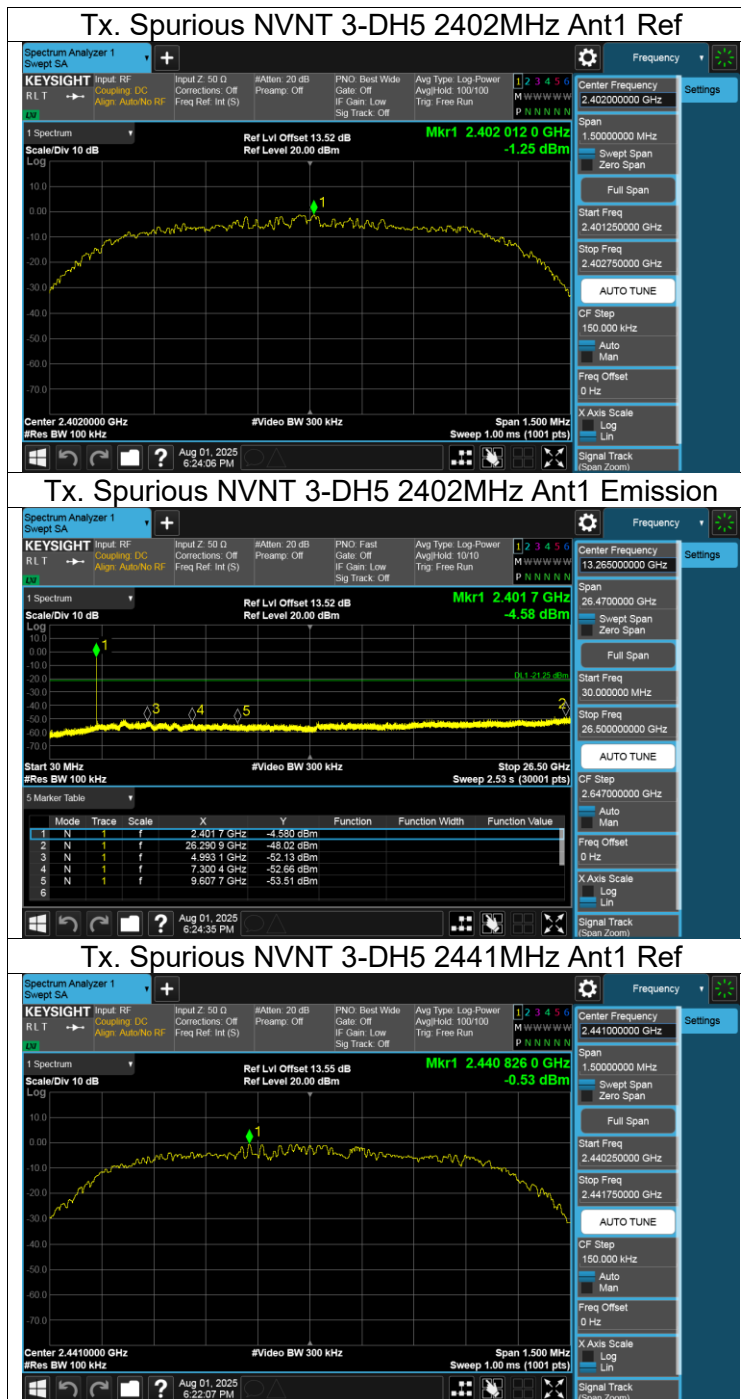


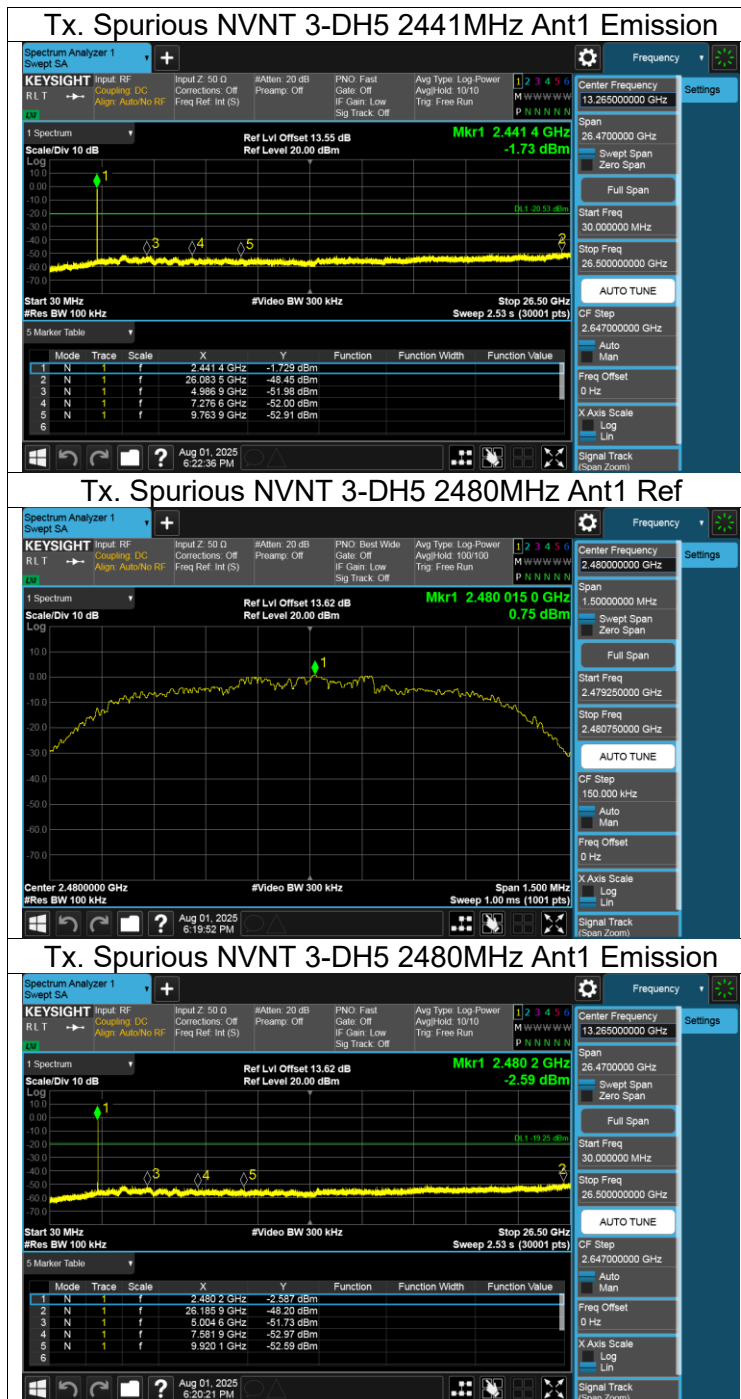
### Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



### Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission







## 11. TEST DATA-Right

### 11.1. APPENDIX A:DUTY CYCLE

| Test Mode | On Time (msec) | Period (msec) | Duty Cycle X (Linear) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | 1/T Minimum VBW (kHz) | Final setting For VBW (kHz) |
|-----------|----------------|---------------|-----------------------|----------------|-----------------------------------|-----------------------|-----------------------------|
| 1-DH5     | 2.912          | 3.75          | 0.7765                | 77.65          | 1.10                              | 0.34                  | 1                           |
| 3-DH5     | 2.92           | 3.75          | 0.7787                | 77.87          | 1.09                              | 0.34                  | 1                           |

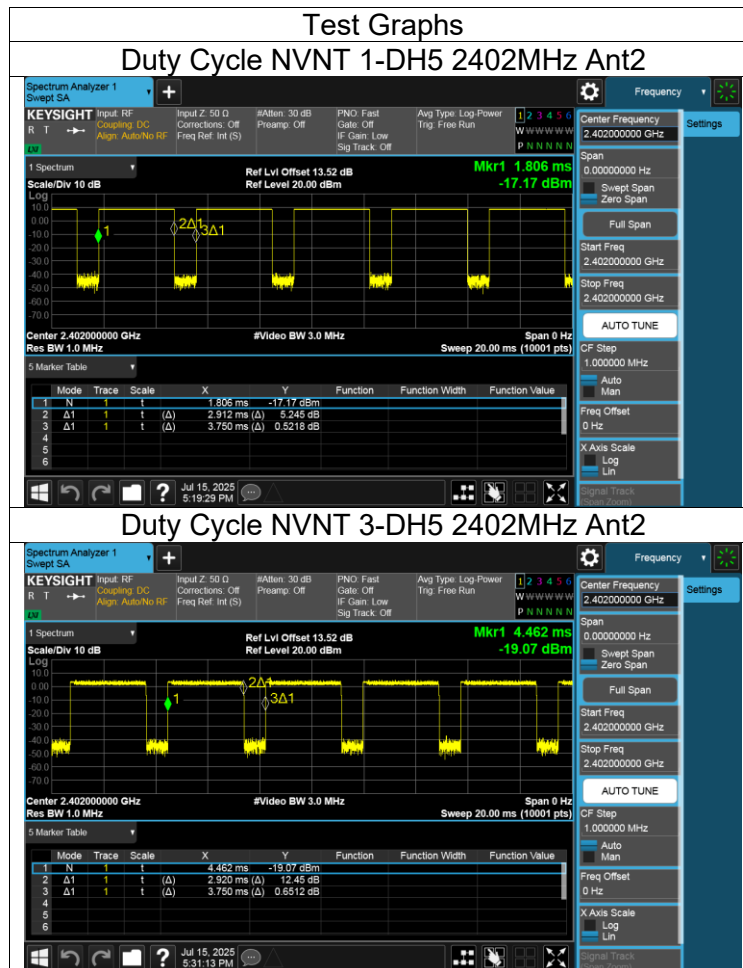
Note:

Duty Cycle Correction Factor=10log (1/x).

Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

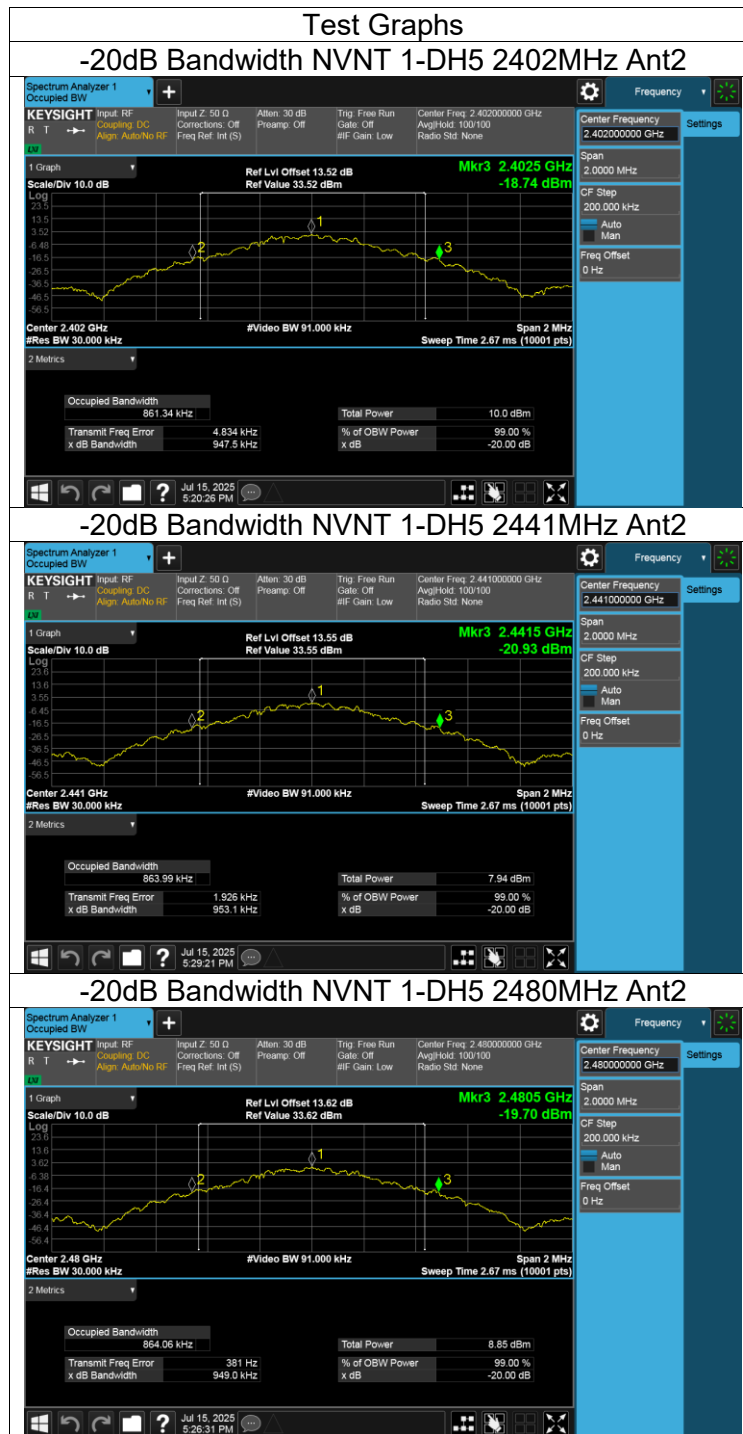


**11.2. APPENDIX B: MAXIMUM CONDUCTED OUTPUT POWER**

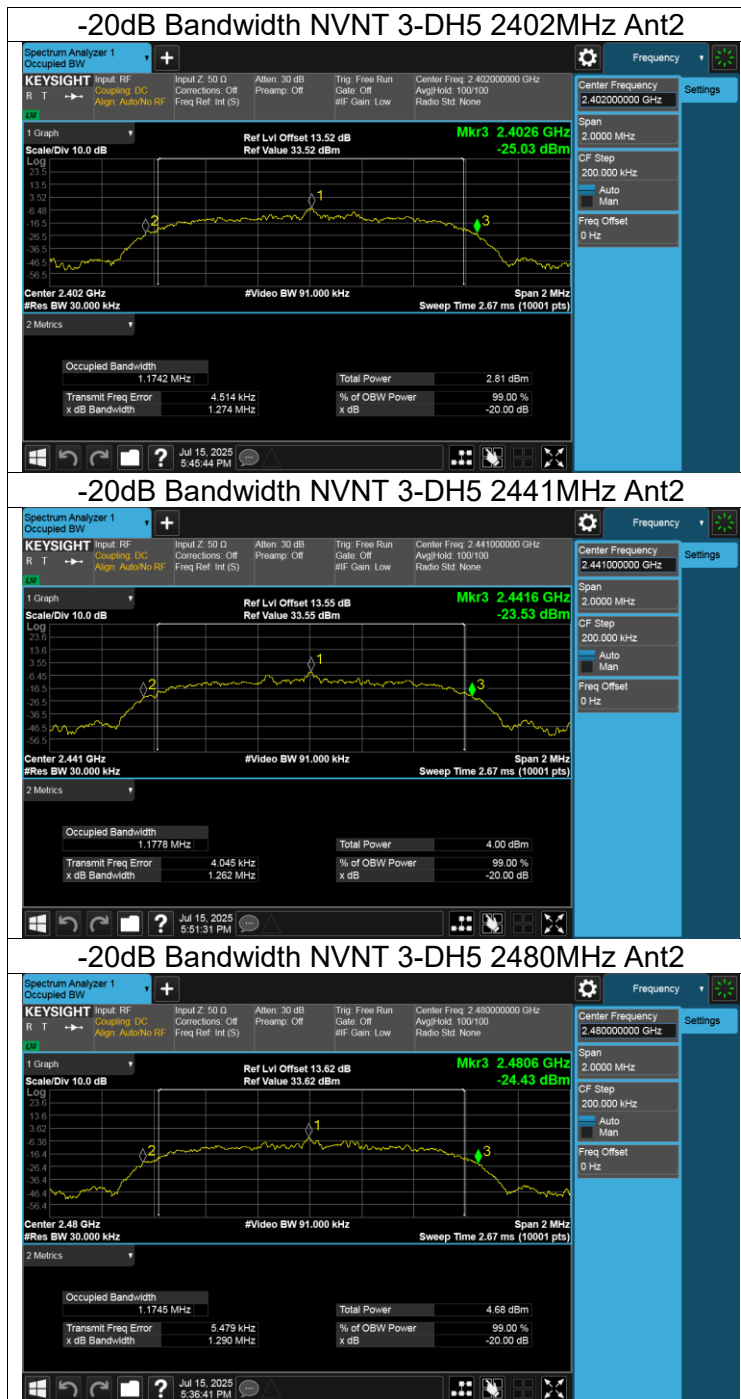
| Mode  | Frequency (MHz) | Antenna | Total Power (dBm) | Limit (dBm) | Verdict |
|-------|-----------------|---------|-------------------|-------------|---------|
| 1-DH5 | 2402            | Ant2    | 3.41              | ≤30         | Pass    |
| 1-DH5 | 2441            | Ant2    | 1.91              | ≤30         | Pass    |
| 1-DH5 | 2480            | Ant2    | 2.81              | ≤30         | Pass    |
| 3-DH5 | 2402            | Ant2    | 1.83              | ≤21         | Pass    |
| 3-DH5 | 2441            | Ant2    | -0.03             | ≤21         | Pass    |
| 3-DH5 | 2480            | Ant2    | 0.83              | ≤21         | Pass    |

**11.3. APPENDIX C:-20DB BANDWIDTH**

| Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Verdict |
|-------|-----------------|---------|------------------------|---------|
| 1-DH5 | 2402            | Ant2    | 0.948                  | Pass    |
| 1-DH5 | 2441            | Ant2    | 0.953                  | Pass    |
| 1-DH5 | 2480            | Ant2    | 0.949                  | Pass    |
| 3-DH5 | 2402            | Ant2    | 1.274                  | Pass    |
| 3-DH5 | 2441            | Ant2    | 1.262                  | Pass    |
| 3-DH5 | 2480            | Ant2    | 1.29                   | Pass    |



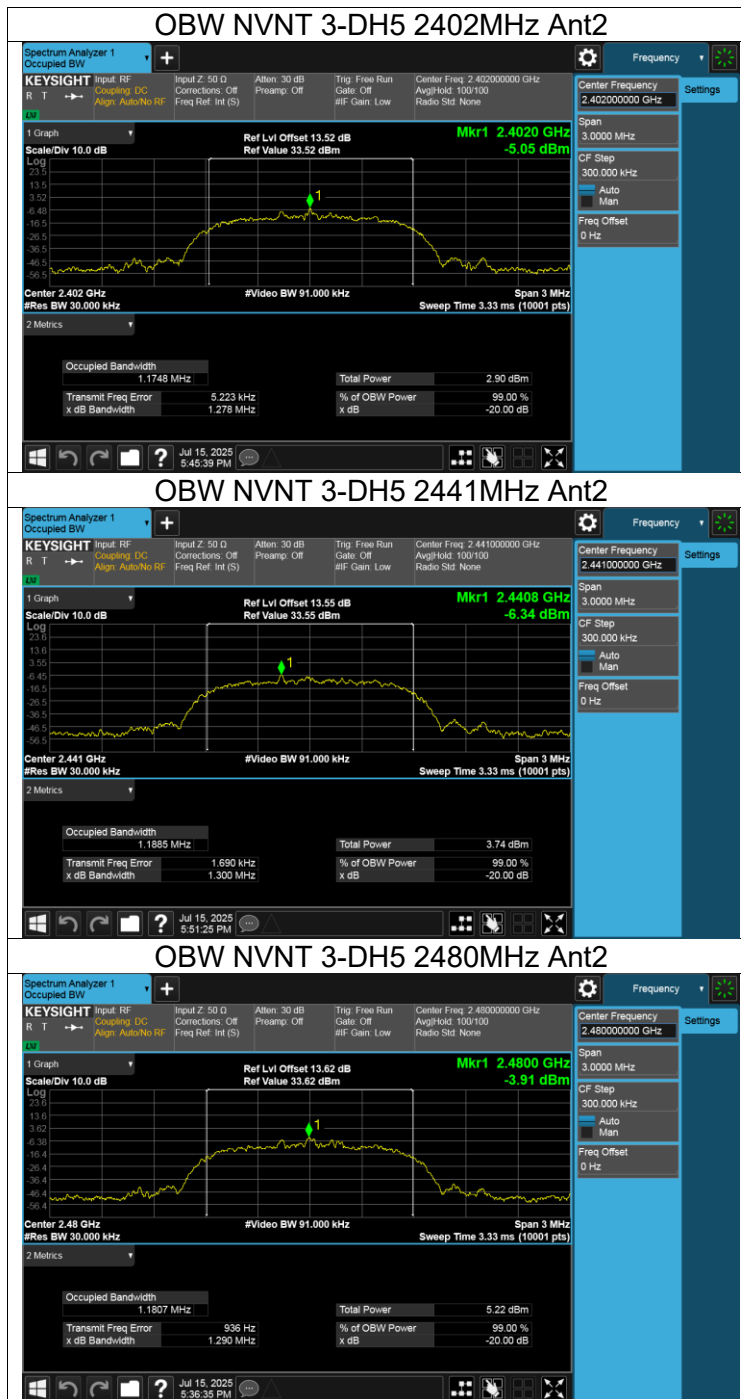




**11.4. APPENDIX D:OCCUPIED CHANNEL BANDWIDTH**

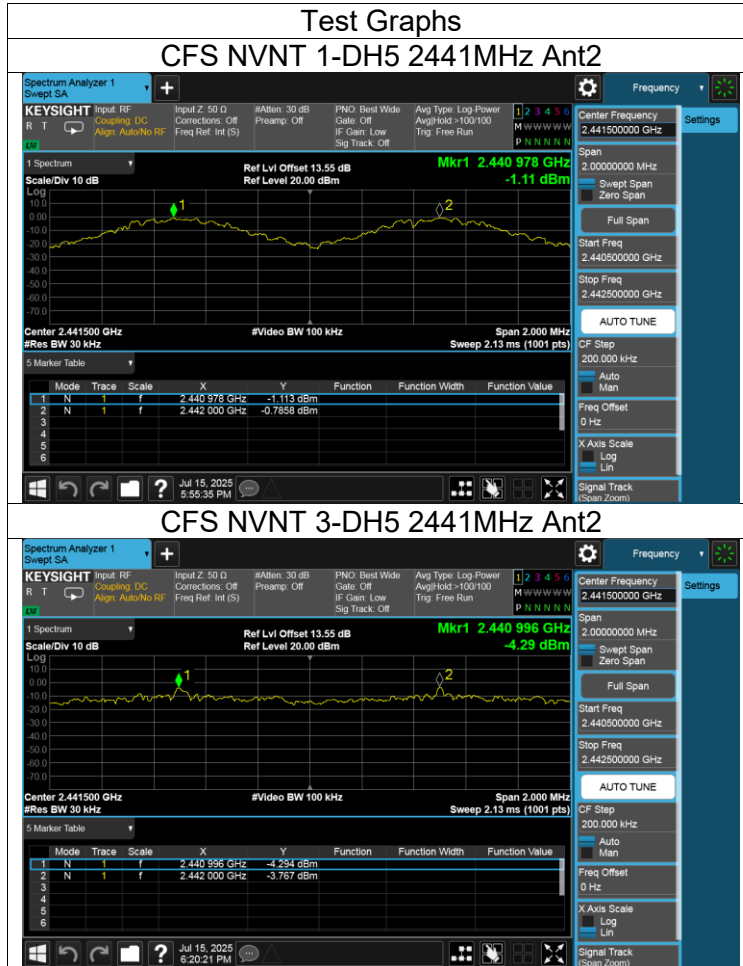
| Mode  | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-------|-----------------|---------|---------------|
| 1-DH5 | 2402            | Ant2    | 0.859         |
| 1-DH5 | 2441            | Ant2    | 0.874         |
| 1-DH5 | 2480            | Ant2    | 0.876         |
| 3-DH5 | 2402            | Ant2    | 1.175         |
| 3-DH5 | 2441            | Ant2    | 1.188         |
| 3-DH5 | 2480            | Ant2    | 1.181         |





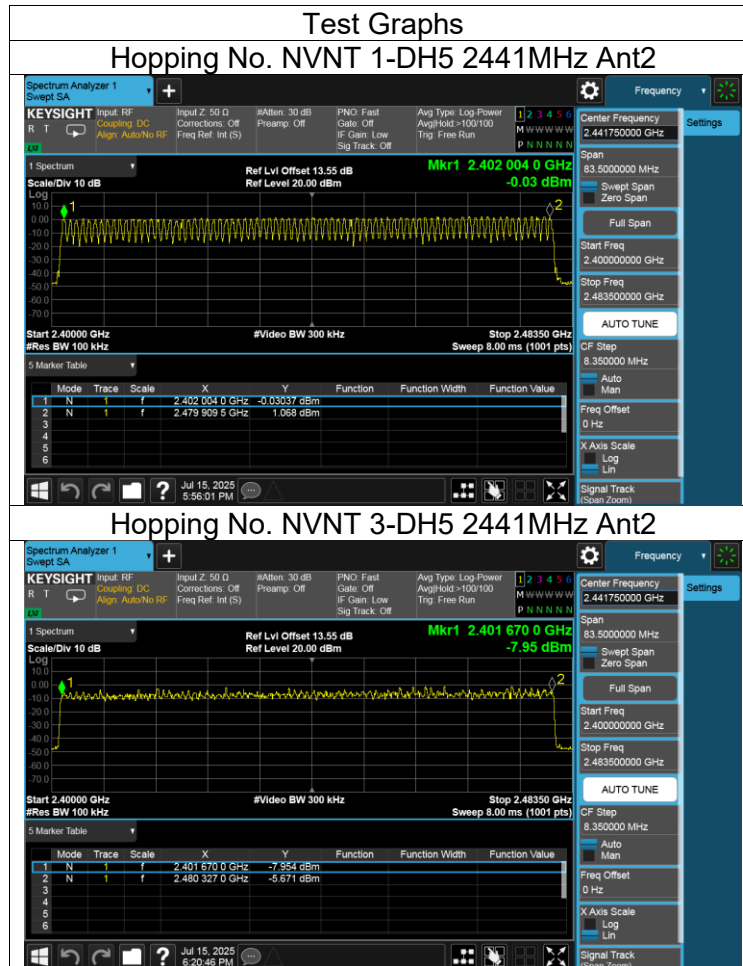
### 11.5. APPENDIX E: CARRIER FREQUENCIES SEPARATION

| Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| 1-DH5 | Ant2    | 2440.978            | 2442                | 1.022     | ≥0.635      | Pass    |
| 3-DH5 | Ant2    | 2440.996            | 2442                | 1.004     | ≥0.841      | Pass    |



## 11.6. APPENDIX F:NUMBER OF HOPPING CHANNEL

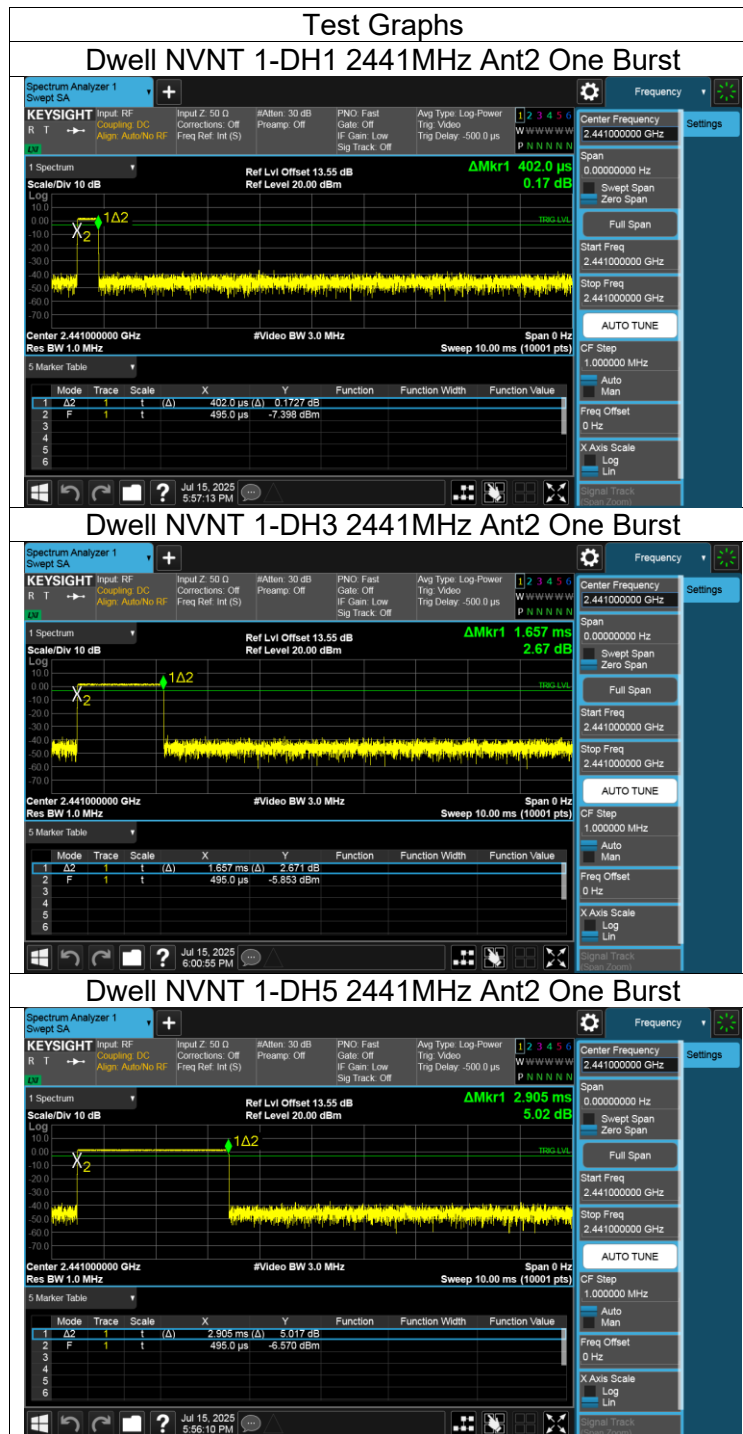
| Mode  | Antenna | Hopping Number | Limit | Verdict |
|-------|---------|----------------|-------|---------|
| 1-DH5 | Ant2    | 79             | ≥15   | Pass    |
| 3-DH5 | Ant2    | 79             | ≥15   | Pass    |



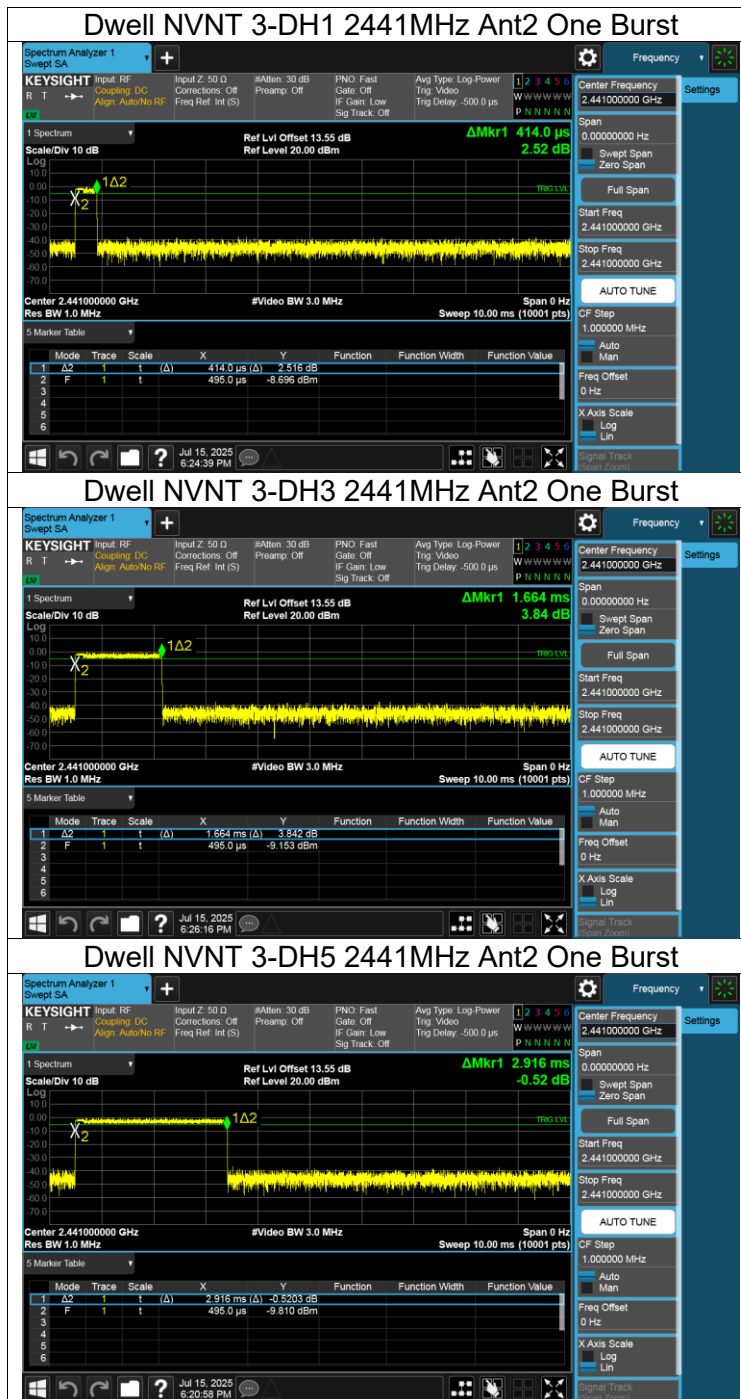
**11.7. APPENDIX G:DWELL TIME**

| FHSS Mode |         |         |                    |           |          |         |
|-----------|---------|---------|--------------------|-----------|----------|---------|
| Test Mode | Antenna | Channel | BurstWidth<br>[ms] | Result[s] | Limit[s] | Verdict |
| DH1       | Ant2    | Hop     | 0.402              | 0.129     | ≤0.4     | PASS    |
| DH3       | Ant2    | Hop     | 1.657              | 0.265     | ≤0.4     | PASS    |
| DH5       | Ant2    | Hop     | 2.905              | 0.310     | ≤0.4     | PASS    |
| 3DH1      | Ant2    | Hop     | 0.414              | 0.132     | ≤0.4     | PASS    |
| 3DH3      | Ant2    | Hop     | 1.664              | 0.266     | ≤0.4     | PASS    |
| 3DH5      | Ant2    | Hop     | 2.916              | 0.311     | ≤0.4     | PASS    |

| AFHSS Mode |         |         |                    |           |          |         |
|------------|---------|---------|--------------------|-----------|----------|---------|
| Test Mode  | Antenna | Channel | BurstWidth<br>[ms] | Result[s] | Limit[s] | Verdict |
| DH1        | Ant2    | Hop     | 0.402              | 0.064     | ≤0.4     | PASS    |
| DH3        | Ant2    | Hop     | 1.657              | 0.133     | ≤0.4     | PASS    |
| DH5        | Ant2    | Hop     | 2.905              | 0.155     | ≤0.4     | PASS    |
| 3DH1       | Ant2    | Hop     | 0.414              | 0.066     | ≤0.4     | PASS    |
| 3DH3       | Ant2    | Hop     | 1.664              | 0.133     | ≤0.4     | PASS    |
| 3DH5       | Ant2    | Hop     | 2.916              | 0.156     | ≤0.4     | PASS    |

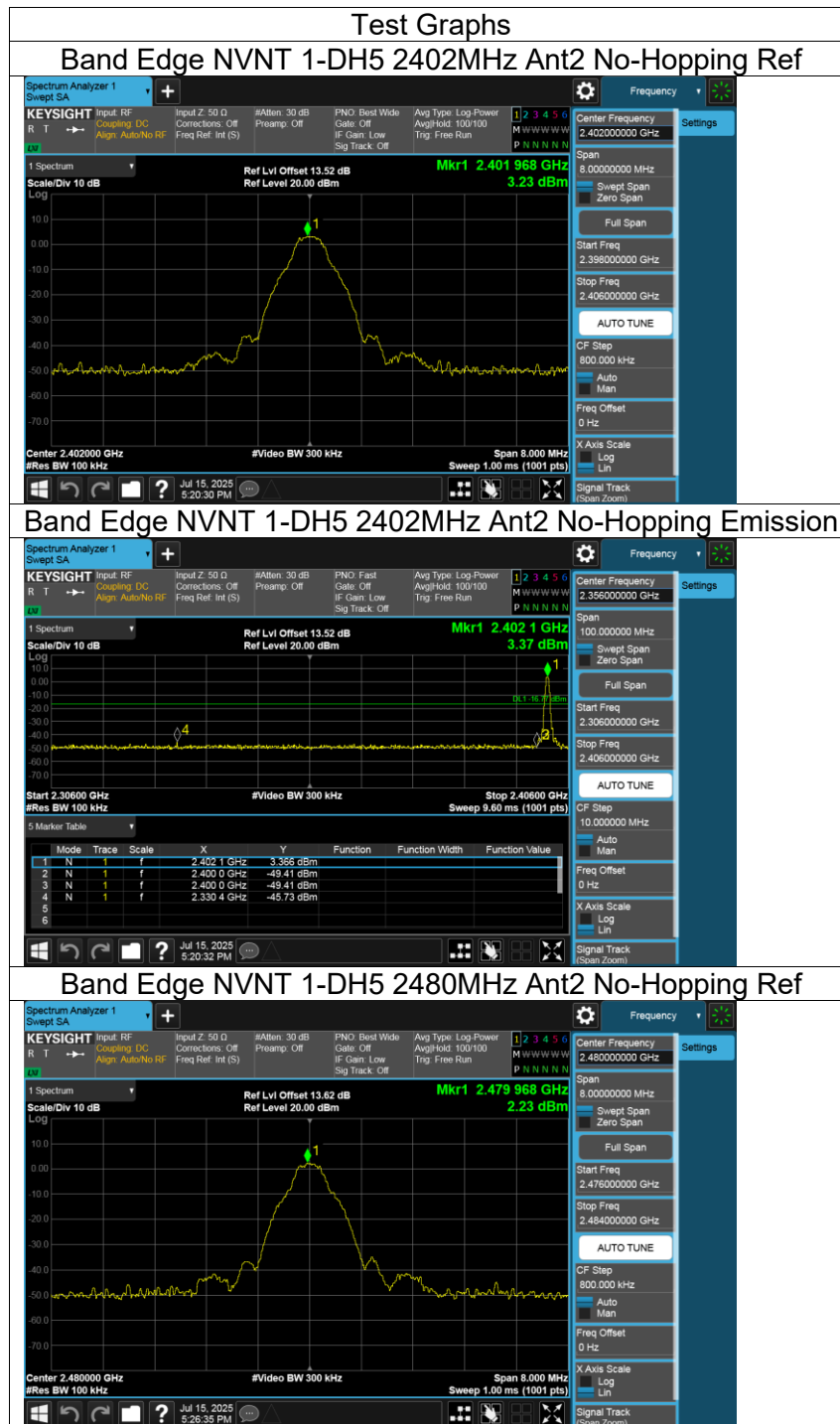




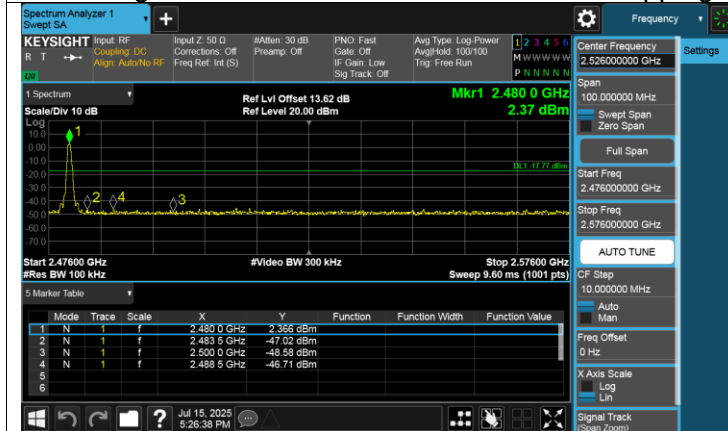


**11.8. APPENDIX H: BAND EDGE**

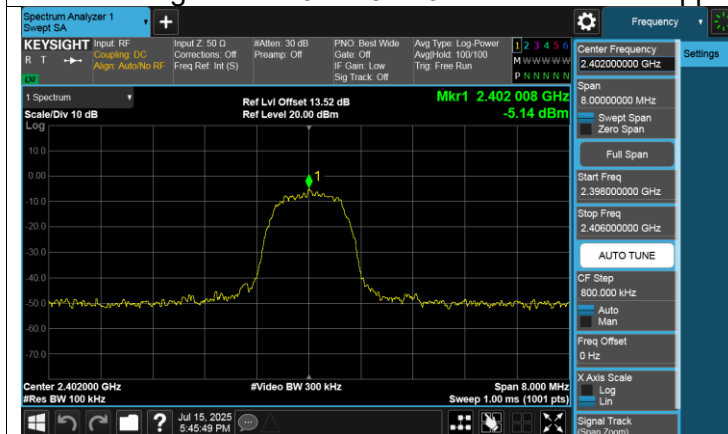
| Mode  | Frequency (MHz) | Antenna | Hopping Mode | Verdict |
|-------|-----------------|---------|--------------|---------|
| 1-DH5 | 2402            | Ant2    | No-Hopping   | Pass    |
| 1-DH5 | 2480            | Ant2    | No-Hopping   | Pass    |
| 3-DH5 | 2402            | Ant2    | No-Hopping   | Pass    |
| 3-DH5 | 2480            | Ant2    | No-Hopping   | Pass    |



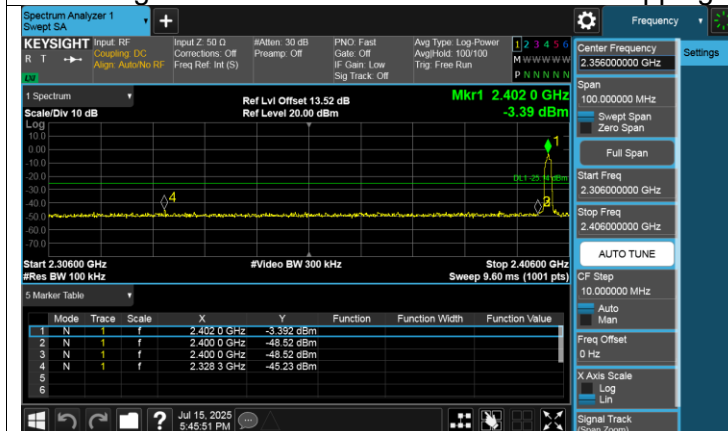
### Band Edge NVNT 1-DH5 2480MHz Ant2 No-Hopping Emission



### Band Edge NVNT 3-DH5 2402MHz Ant2 No-Hopping Ref



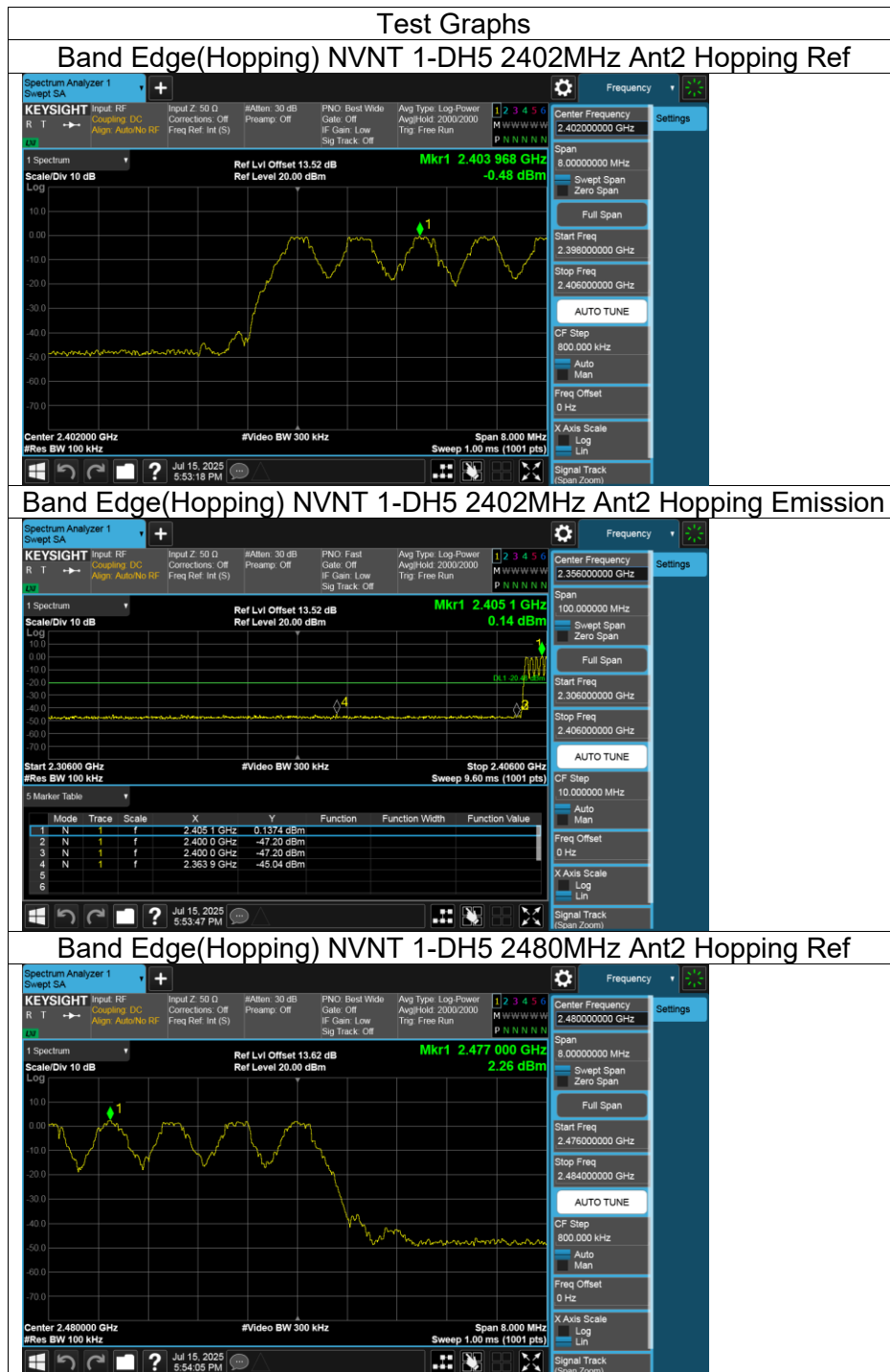
### Band Edge NVNT 3-DH5 2402MHz Ant2 No-Hopping Emission



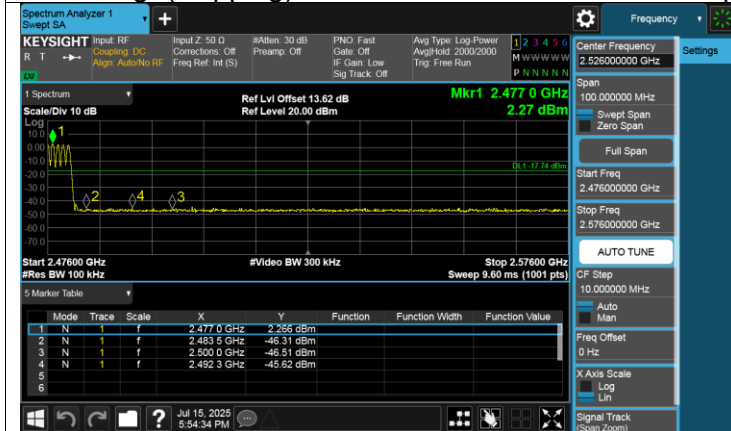


**11.9. APPENDIX I: BAND EDGE (HOPPING)**

| Mode  | Frequency (MHz) | Antenna | Hopping Mode | Verdict |
|-------|-----------------|---------|--------------|---------|
| 1-DH5 | 2402            | Ant2    | Hopping      | Pass    |
| 1-DH5 | 2480            | Ant2    | Hopping      | Pass    |
| 3-DH5 | 2402            | Ant2    | Hopping      | Pass    |
| 3-DH5 | 2480            | Ant2    | Hopping      | Pass    |



### Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant2 Hopping Emission



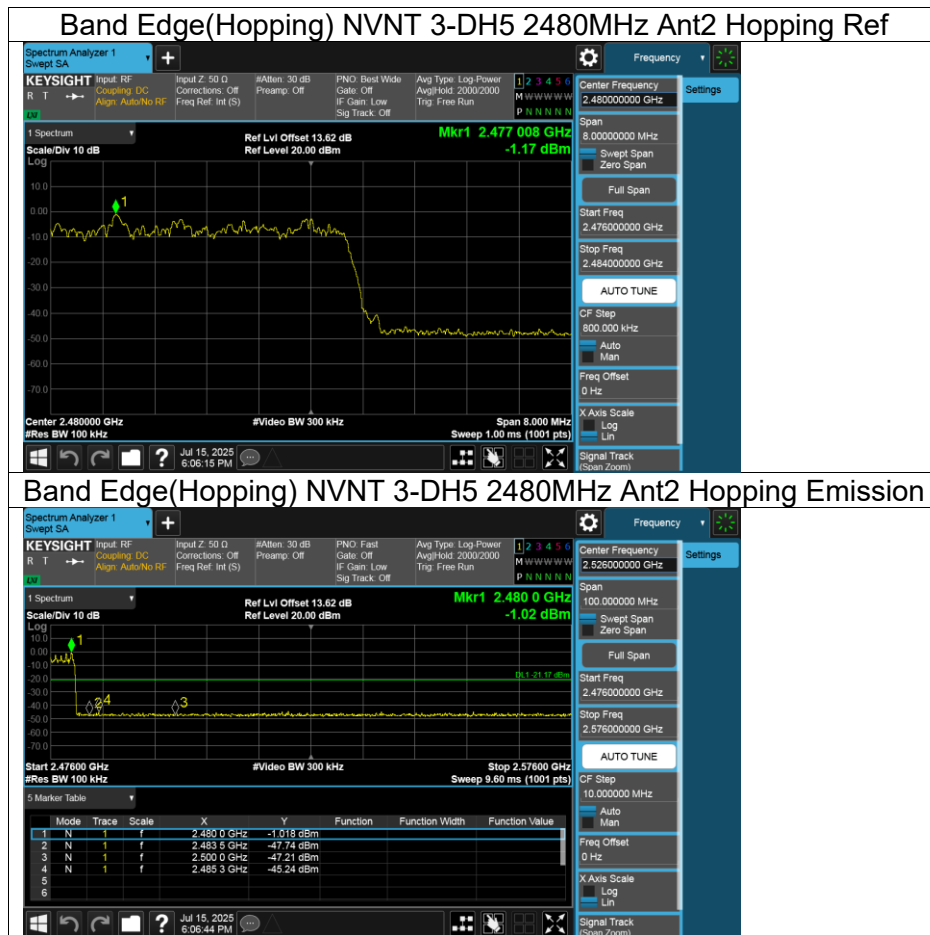
### Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant2 Hopping Ref



### Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant2 Hopping Emission







**11.10. APPENDIX J: CONDUCTED RF SPURIOUS EMISSION**

| Mode  | Frequency (MHz) | Antenna | Verdict |
|-------|-----------------|---------|---------|
| 1-DH5 | 2402            | Ant2    | Pass    |
| 1-DH5 | 2441            | Ant2    | Pass    |
| 1-DH5 | 2480            | Ant2    | Pass    |
| 3-DH5 | 2402            | Ant2    | Pass    |
| 3-DH5 | 2441            | Ant2    | Pass    |
| 3-DH5 | 2480            | Ant2    | Pass    |

