



## Appendix E for BT Test Data

**Product Name: Smartphone**

**Test Model: KINGKONG 8**

### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 22.2° C   |
| Relative Humidity: | 52.7%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Taylor Hu |
| Supervised by:     | Ling Zhu  |



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## E.1 RF Output Power

| Condition | Mode  | Frequency (MHz) | Antenna | Max EIRP (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 5.57           | 20          | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 5.95           | 20          | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 4.06           | 20          | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 4.39           | 20          | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 4.04           | 20          | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 4.32           | 20          | Pass    |

| Condition | Mode  | Frequency (MHz) | Antenna | Max EIRP (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|----------------|-------------|---------|
| NVLT      | 1-DH5 | 2402            | Ant1    | 5.47           | 20          | Pass    |
| NVLT      | 1-DH5 | 2480            | Ant1    | 5.87           | 20          | Pass    |
| NVLT      | 2-DH5 | 2402            | Ant1    | 4.02           | 20          | Pass    |
| NVLT      | 2-DH5 | 2480            | Ant1    | 4.28           | 20          | Pass    |
| NVLT      | 3-DH5 | 2402            | Ant1    | 3.95           | 20          | Pass    |
| NVLT      | 3-DH5 | 2480            | Ant1    | 4.20           | 20          | Pass    |

| Condition | Mode  | Frequency (MHz) | Antenna | Max EIRP (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|----------------|-------------|---------|
| NVHT      | 1-DH5 | 2402            | Ant1    | 5.35           | 20          | Pass    |
| NVHT      | 1-DH5 | 2480            | Ant1    | 5.80           | 20          | Pass    |
| NVHT      | 2-DH5 | 2402            | Ant1    | 3.96           | 20          | Pass    |
| NVHT      | 2-DH5 | 2480            | Ant1    | 4.22           | 20          | Pass    |
| NVHT      | 3-DH5 | 2402            | Ant1    | 3.89           | 20          | Pass    |
| NVHT      | 3-DH5 | 2480            | Ant1    | 4.14           | 20          | Pass    |

\*\*\*Note: 20 bursts had been captured for power measurement.



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## E.2 Accumulated Transmit Time

| Condition | Mode  | Frequency (MHz) | Antenna | Accumulated Transmit Time (ms) | Limit (ms) | Sweep Time (ms) | Burst Number | Verdict |
|-----------|-------|-----------------|---------|--------------------------------|------------|-----------------|--------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 341.64                         | 400        | 31600           | 117          | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 308.46                         | 400        | 31600           | 106          | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 298.08                         | 400        | 31600           | 108          | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 267.72                         | 400        | 31600           | 97           | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 314.64                         | 400        | 31600           | 114          | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 320.16                         | 400        | 31600           | 116          | Pass    |

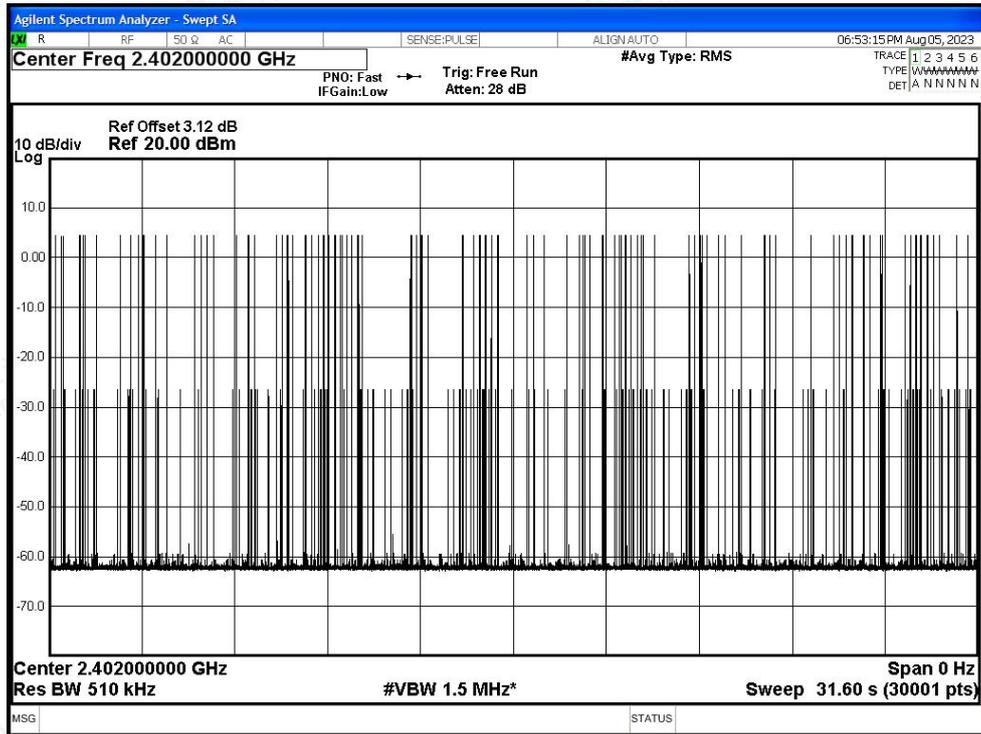


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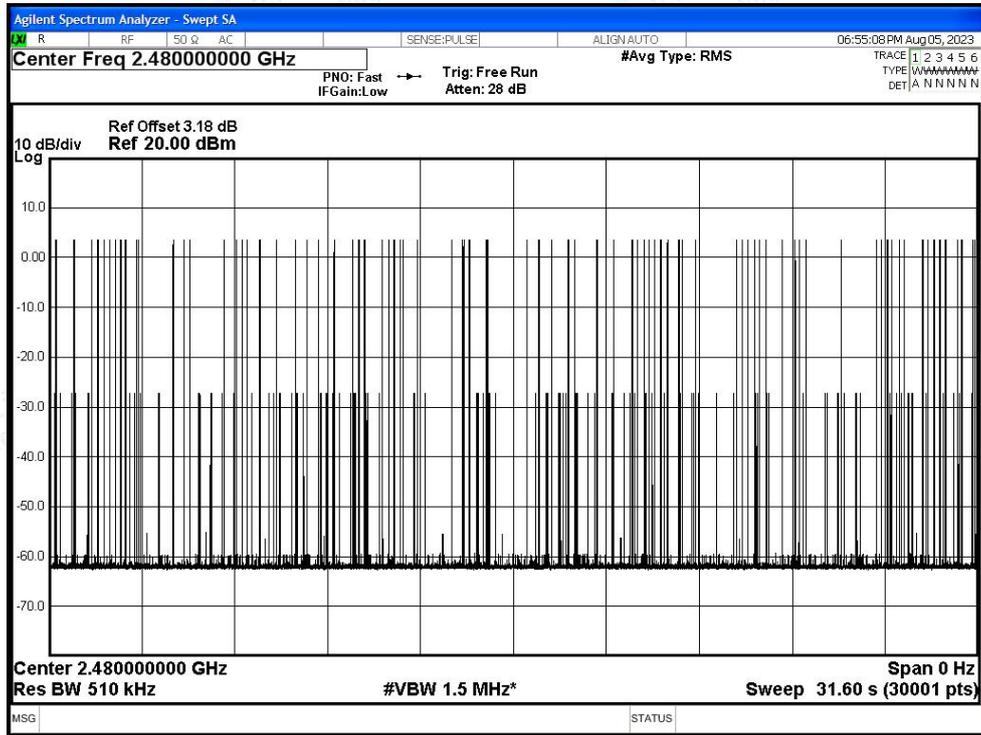


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant1

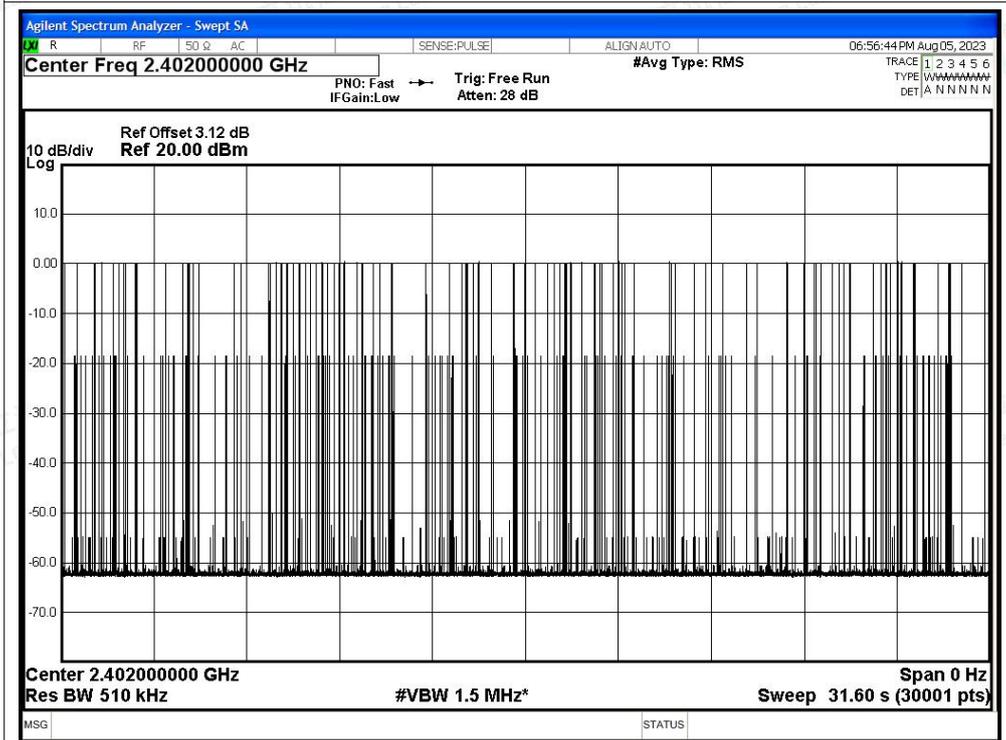


Dwell NVNT 1-DH5 2480MHz Ant1

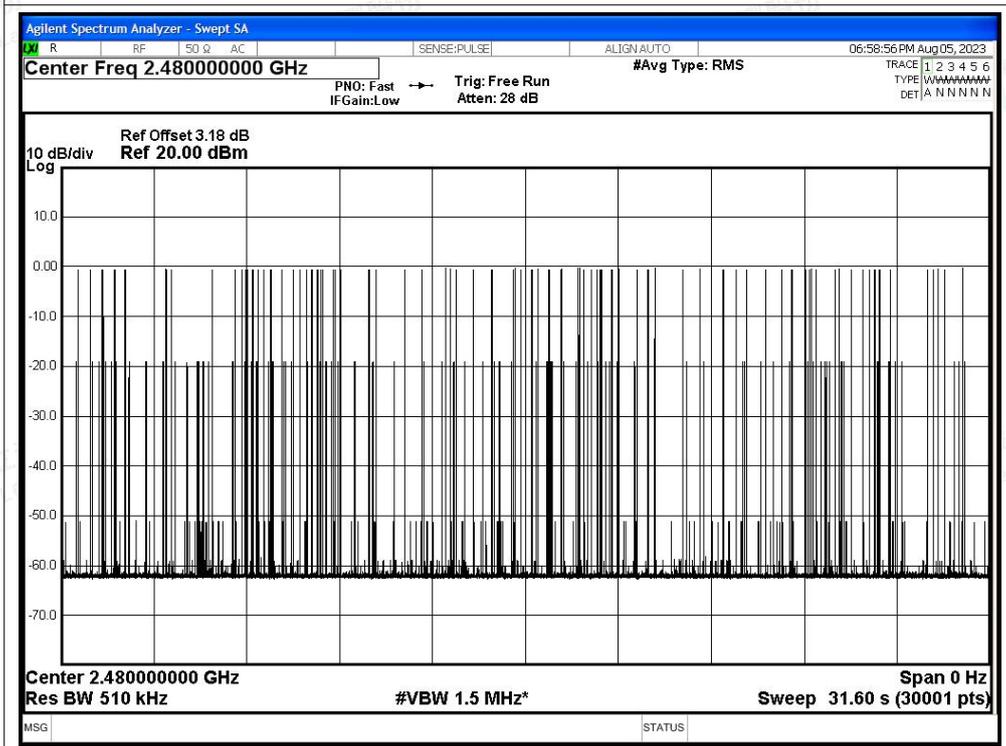




Dwell NVNT 2-DH5 2402MHz Ant1

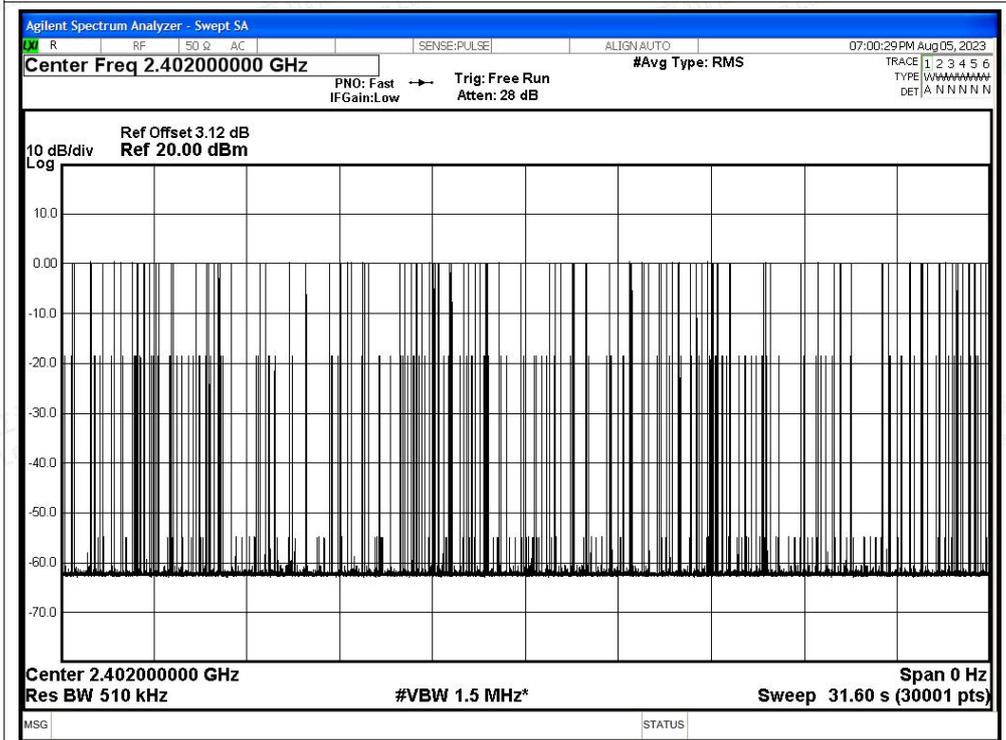


Dwell NVNT 2-DH5 2480MHz Ant1

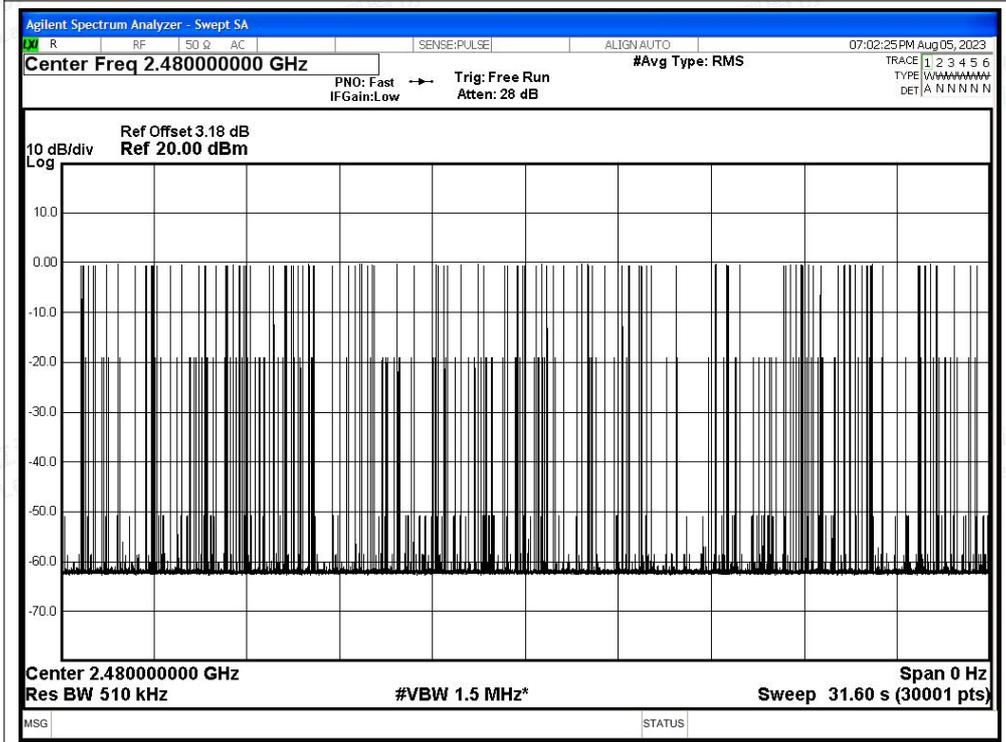




Dwell NVNT 3-DH5 2402MHz Ant1



Dwell NVNT 3-DH5 2480MHz Ant1





### E.3 Frequency Occupation

| Condition | Mode  | Frequency (MHz) | Antenna | Burst Number | Limit | Sweep Time (ms) | Verdict |
|-----------|-------|-----------------|---------|--------------|-------|-----------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 5            | 1     | 922.72          | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 5            | 1     | 919.56          | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 6            | 1     | 872.16          | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 2            | 1     | 872.16          | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 2            | 1     | 872.16          | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 2            | 1     | 872.16          | Pass    |



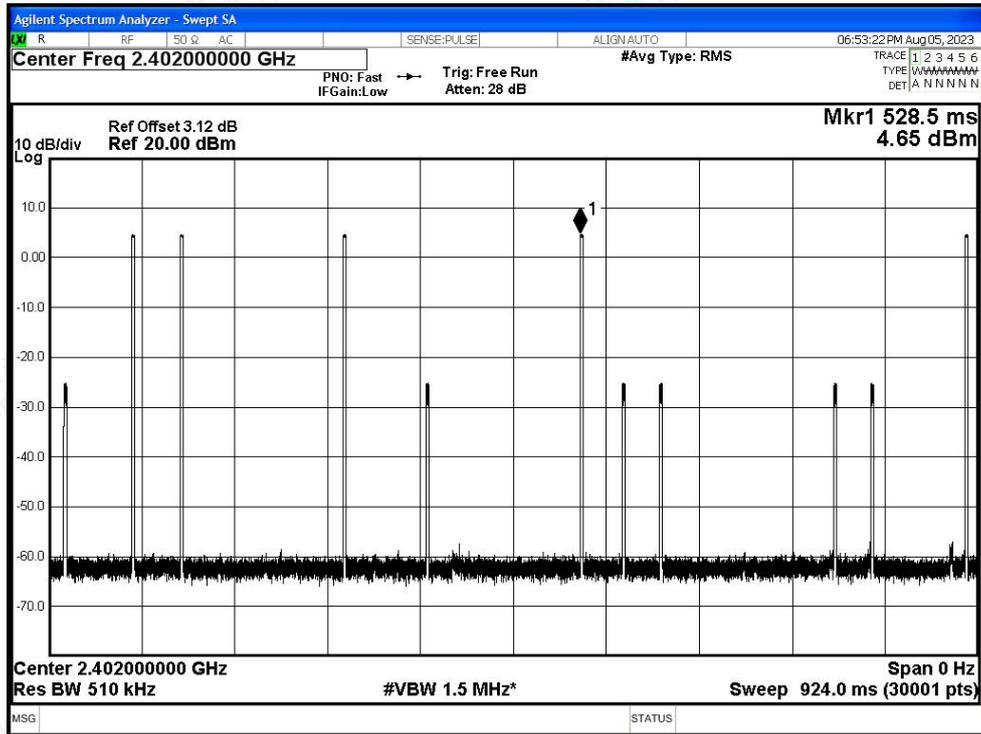
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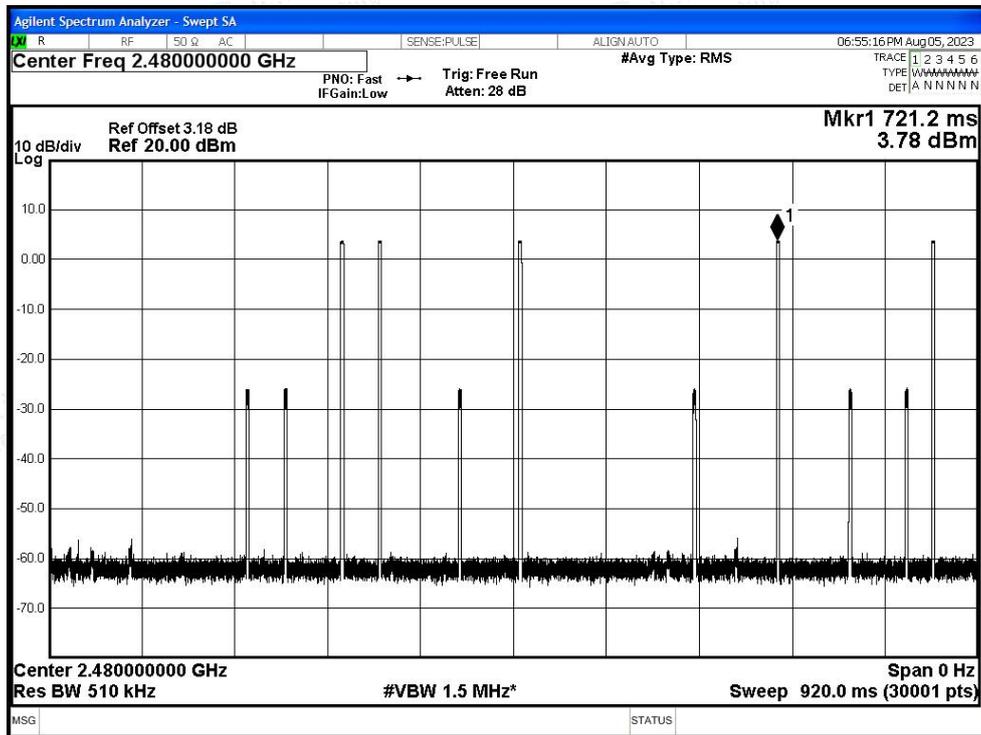


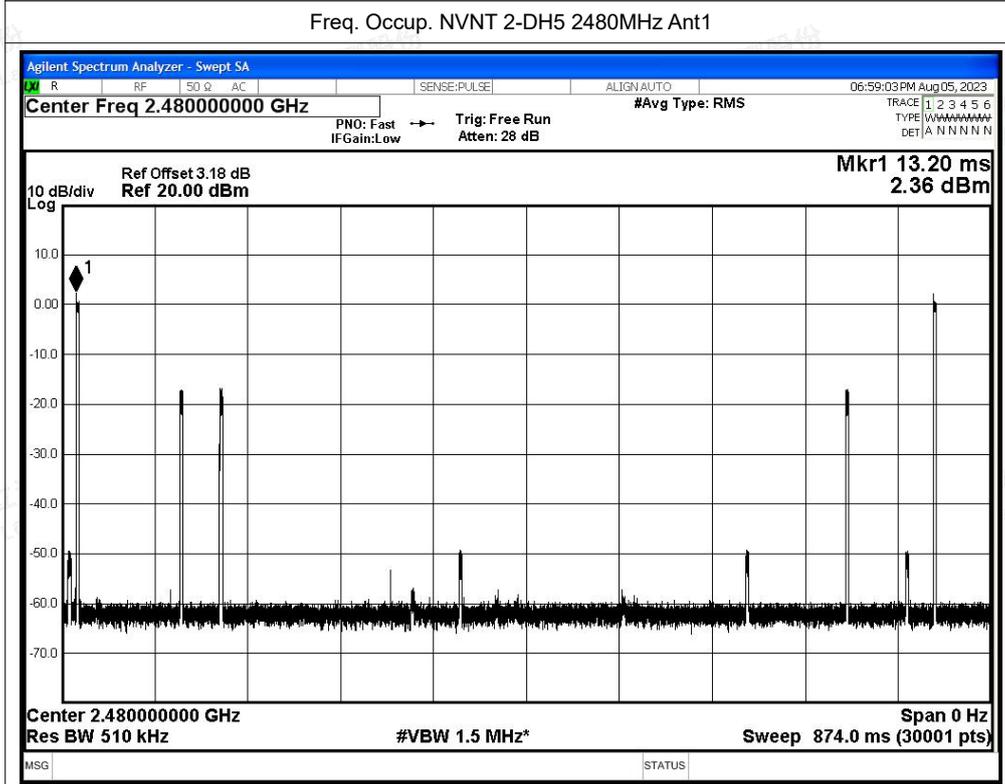
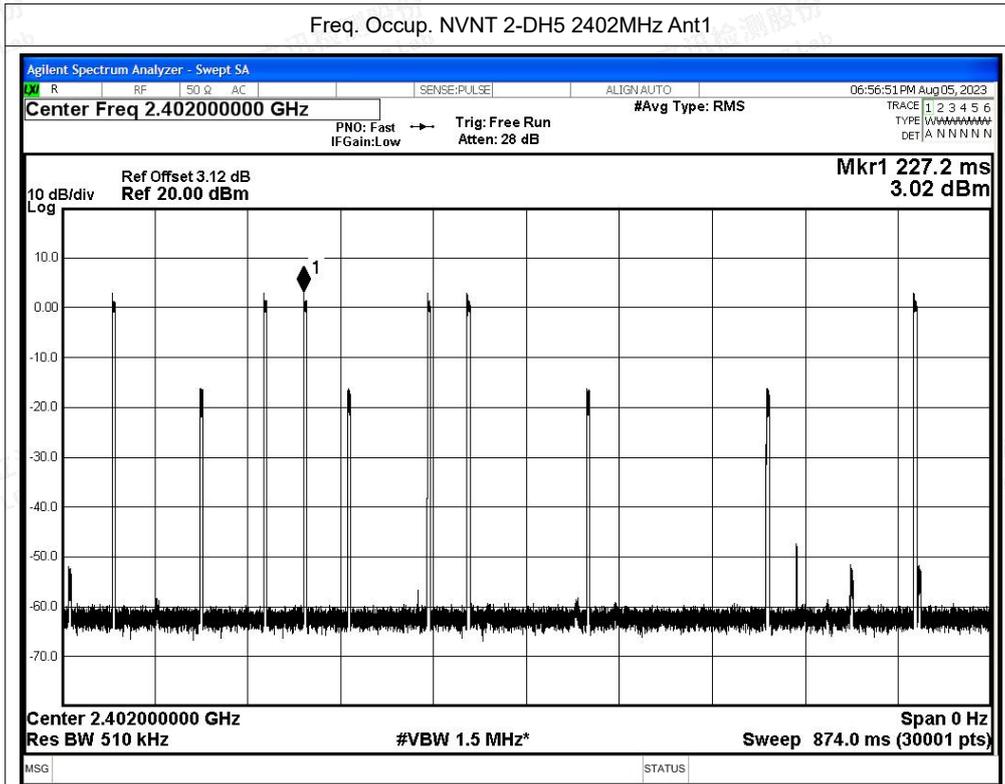
Test Graphs

Freq. Occup. NVNT 1-DH5 2402MHz Ant1



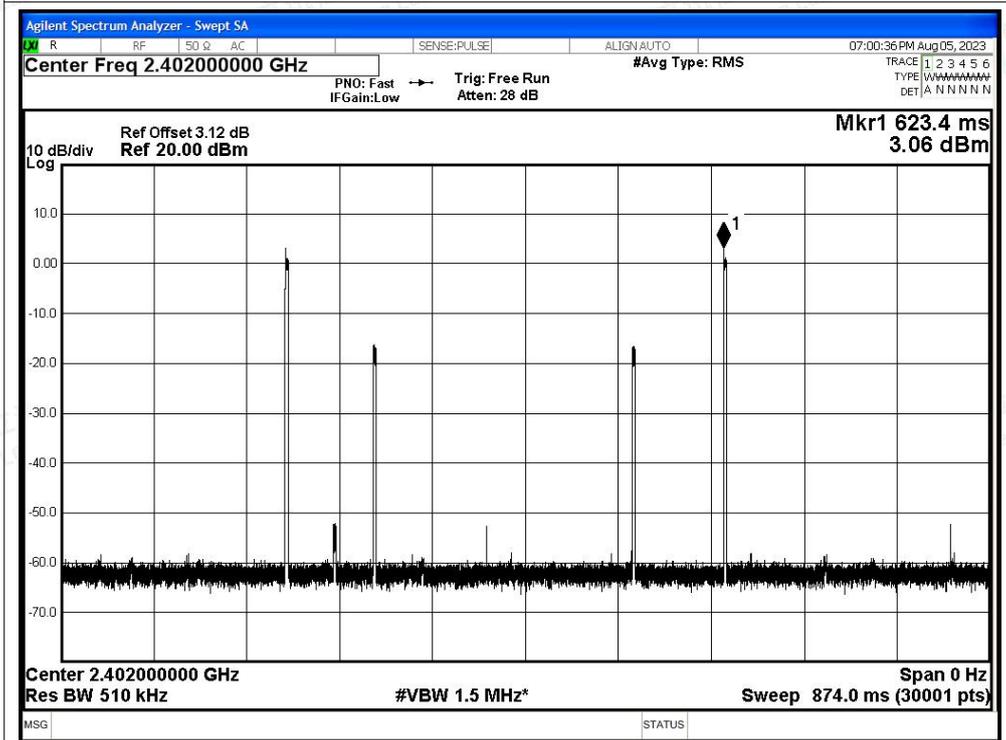
Freq. Occup. NVNT 1-DH5 2480MHz Ant1



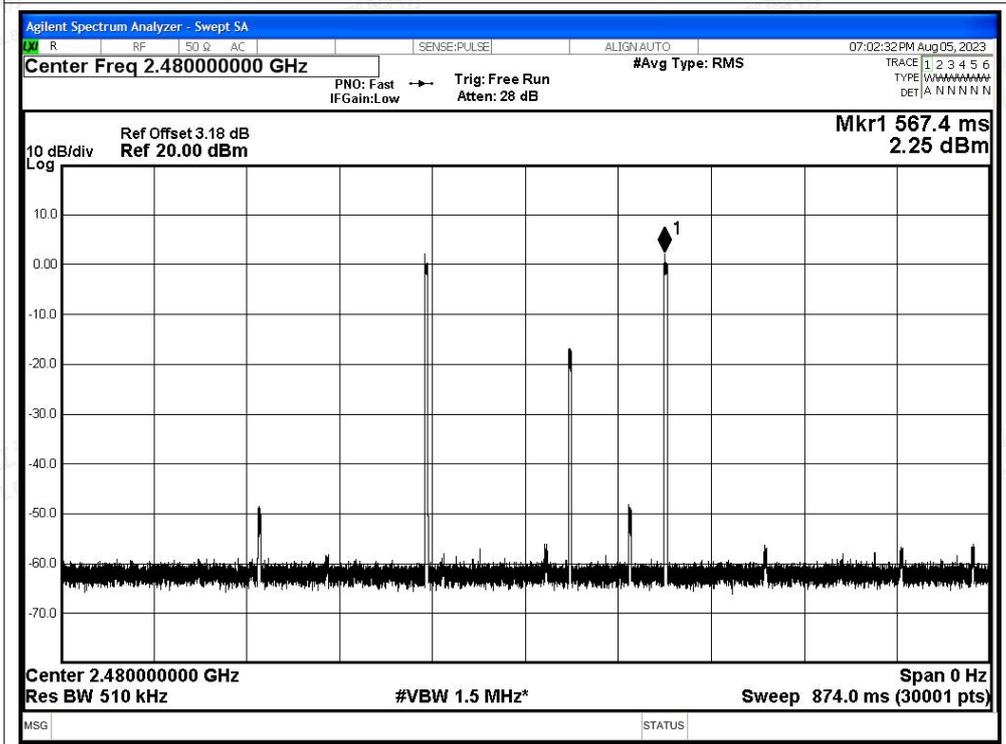




Freq. Occup. NVNT 3-DH5 2402MHz Ant1



Freq. Occup. NVNT 3-DH5 2480MHz Ant1





### E.4 Hopping Sequence

| Condition | Mode  | Antenna | Hopping Number | Limit | Band Allocation (%) | Limit Band Allocation (%) | Verdict |
|-----------|-------|---------|----------------|-------|---------------------|---------------------------|---------|
| NVNT      | 1-DH5 | Ant1    | 79             | 15    | 95.4                | 70                        | Pass    |
| NVNT      | 2-DH5 | Ant1    | 79             | 15    | 96                  | 70                        | Pass    |
| NVNT      | 3-DH5 | Ant1    | 79             | 15    | 96                  | 70                        | Pass    |

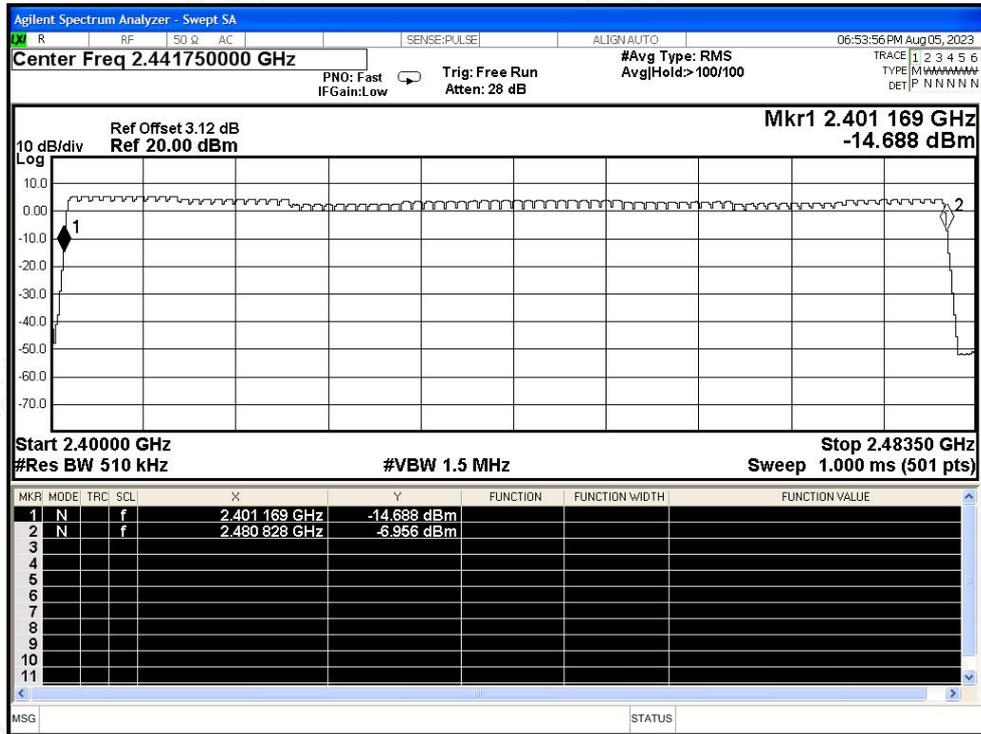


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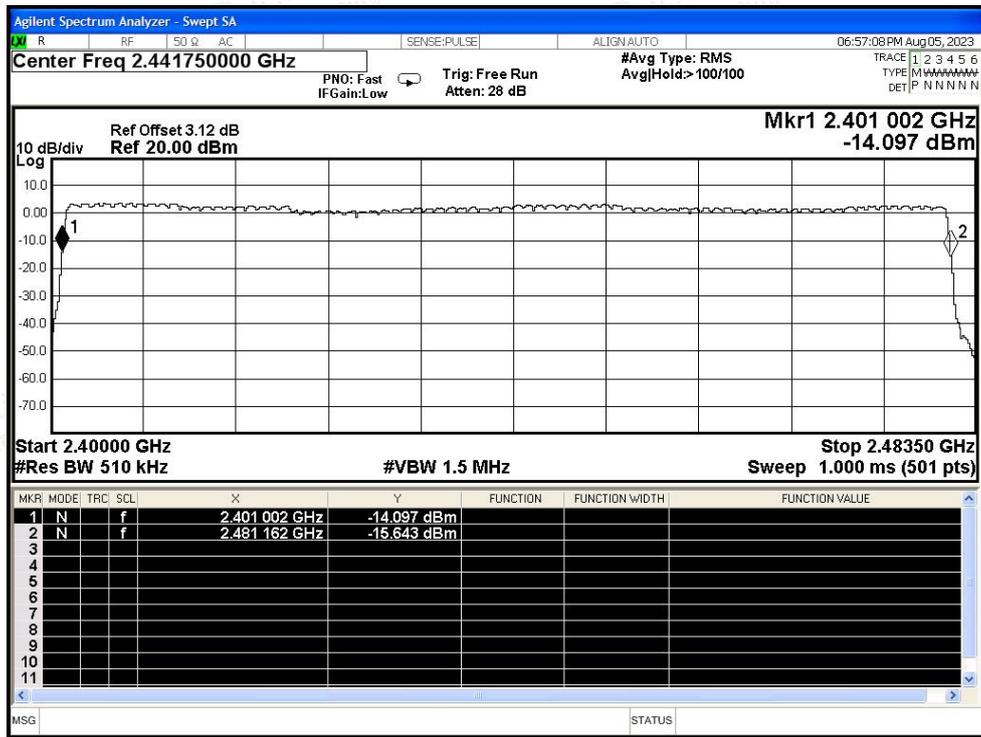


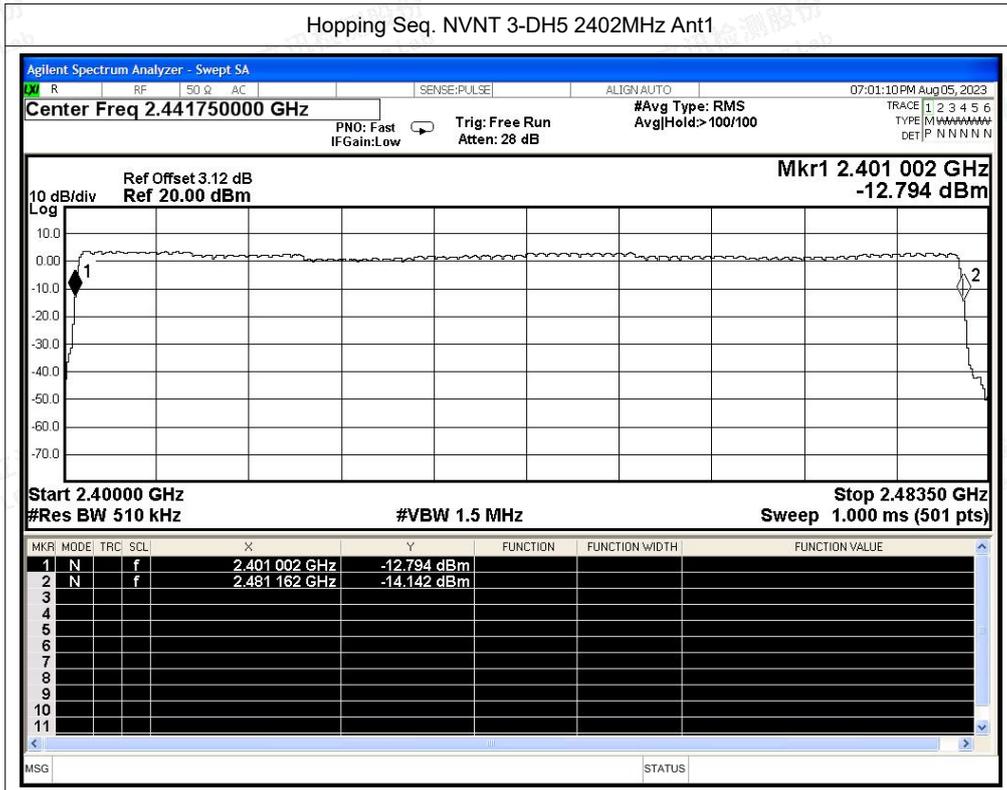
Test Graphs

Hopping Seq. NVNT 1-DH5 2402MHz Ant1



Hopping Seq. NVNT 2-DH5 2402MHz Ant1







### E.5 Hopping Frequency Separation

| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | Ant1    | 2401.995            | 2403.006            | 1.011     | 0.1         | Pass    |
| NVNT      | 1-DH5 | Ant1    | 2479.02             | 2480.002            | 0.982     | 0.1         | Pass    |
| NVNT      | 2-DH5 | Ant1    | 1201.142            | 2402.988            | 1201.846  | 0.1         | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2479.023            | 2480.236            | 1.213     | 0.1         | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2401.848            | 2402.838            | 0.99      | 0.1         | Pass    |
| NVNT      | 3-DH5 | Ant1    | 1239.732            | 2480.113            | 1240.381  | 0.1         | Pass    |

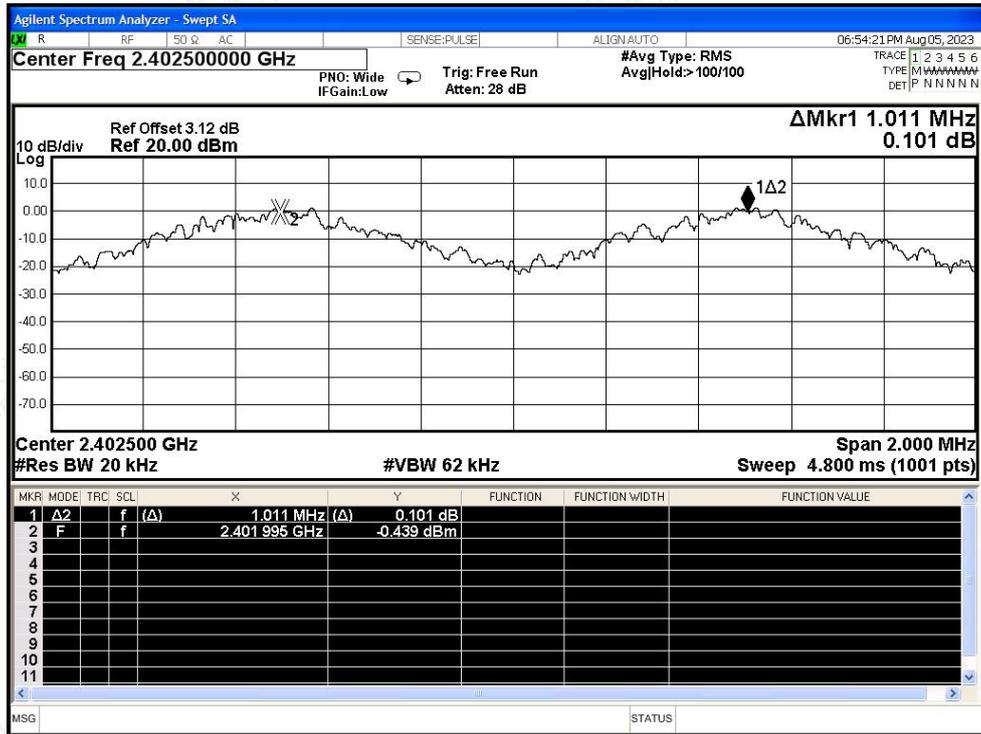


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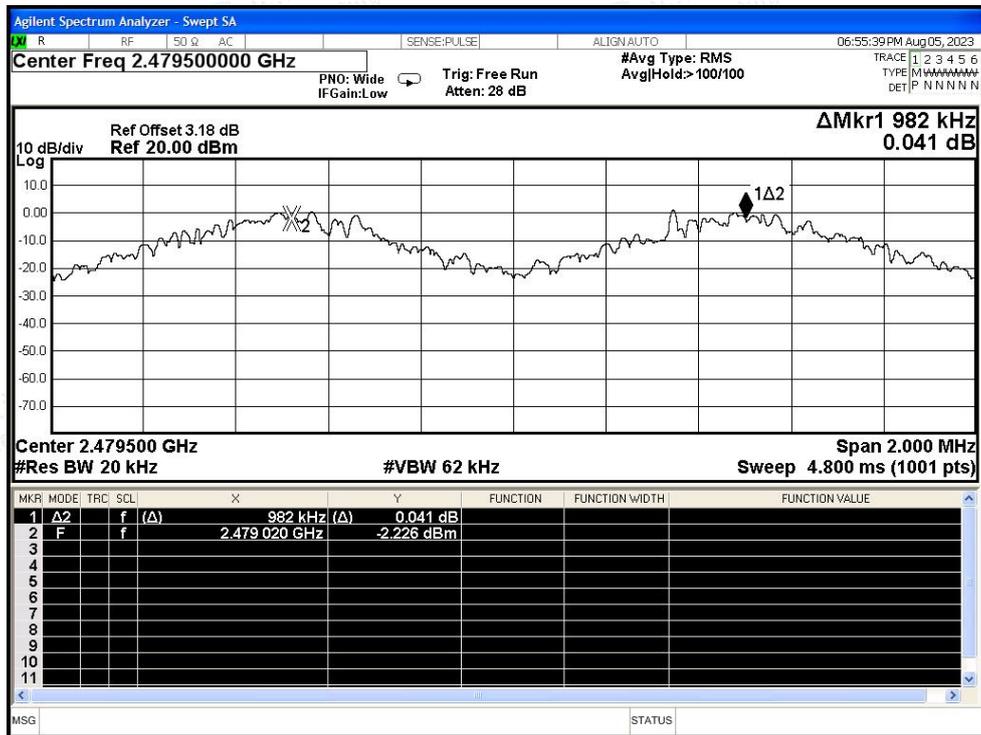


Test Graphs

HFS NVNT 1-DH5 2402MHz Ant1

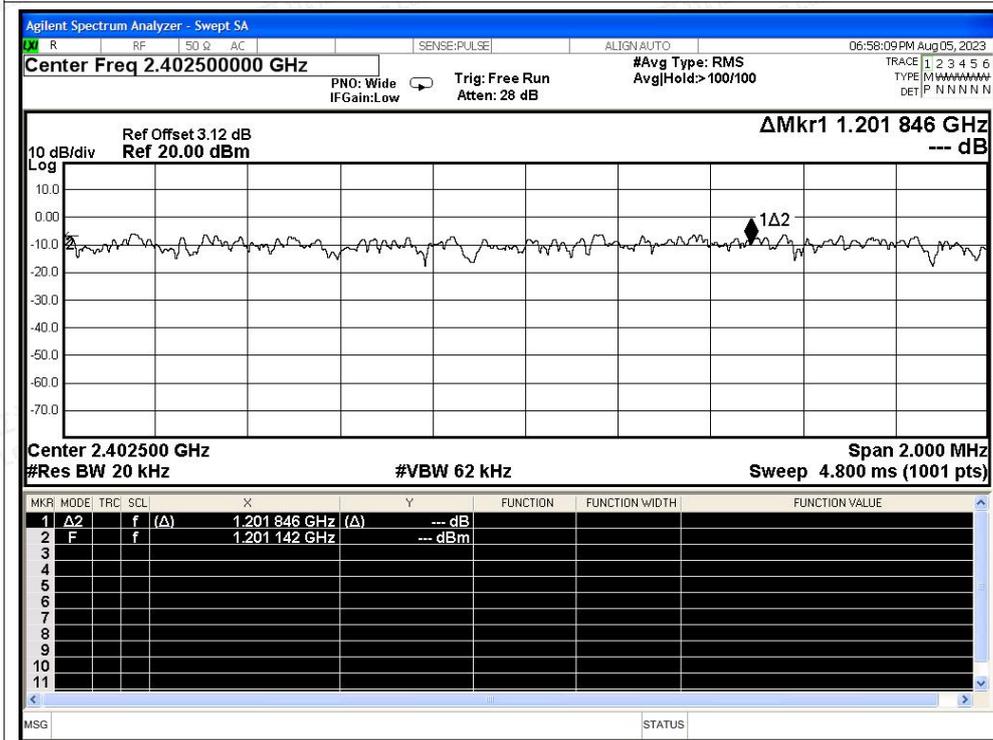


HFS NVNT 1-DH5 2480MHz Ant1

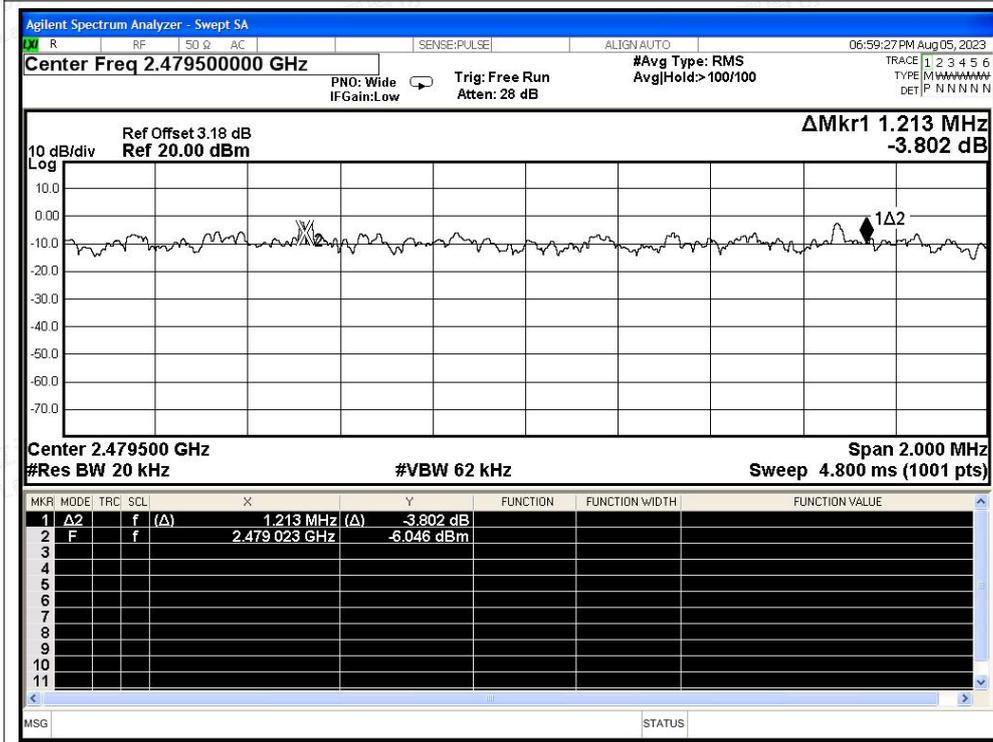




HFS NVNT 2-DH5 2402MHz Ant1

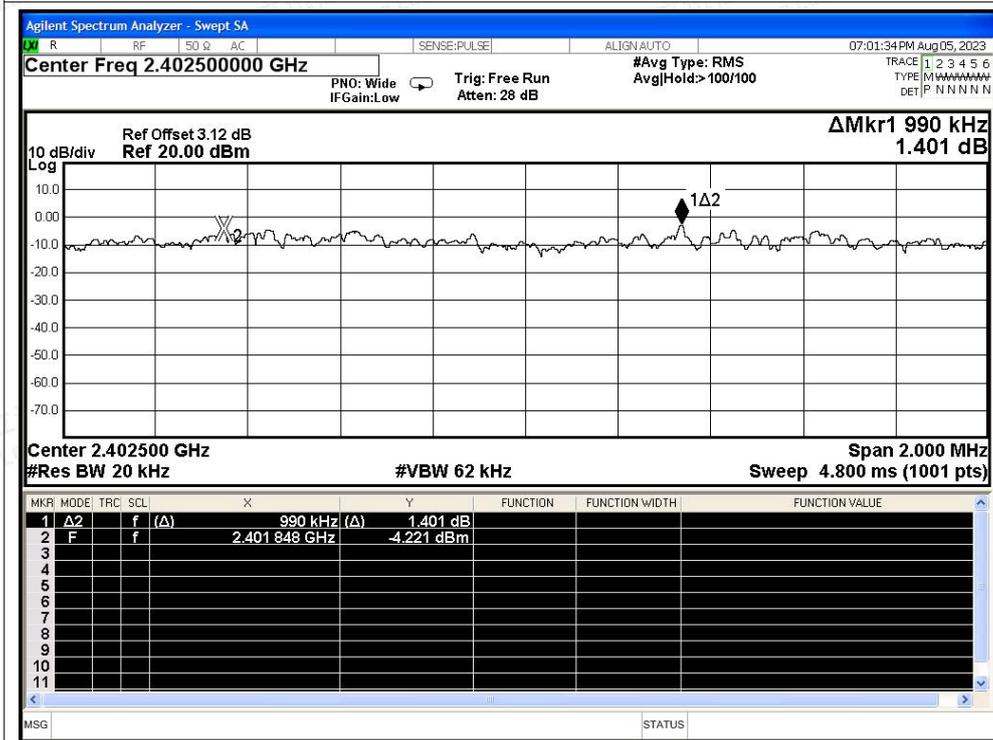


HFS NVNT 2-DH5 2480MHz Ant1

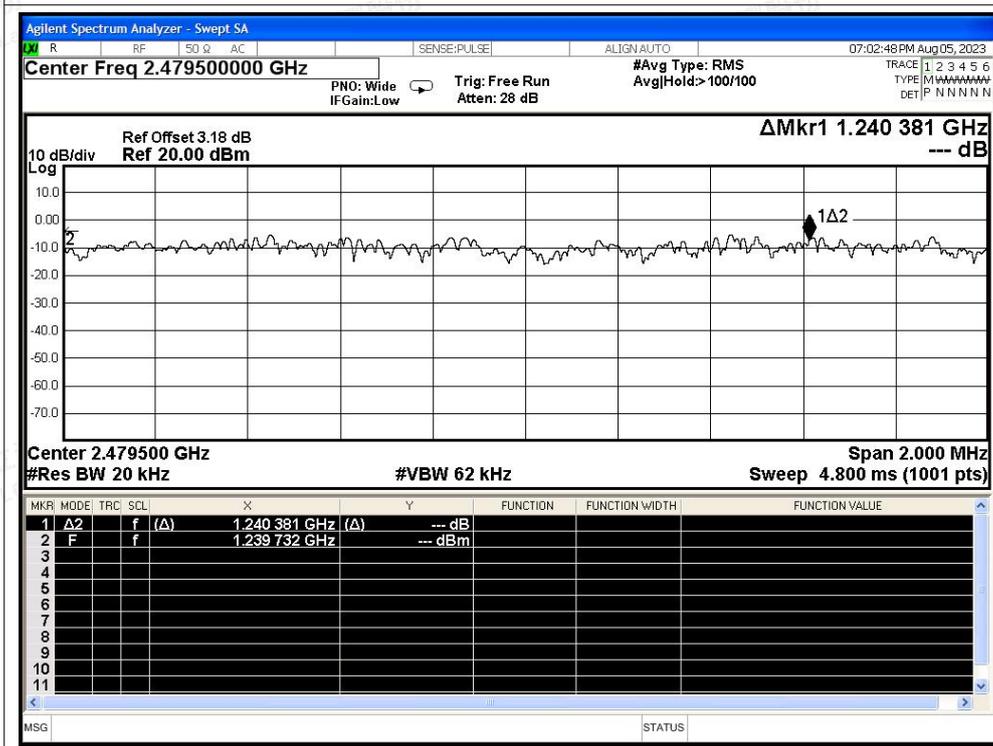




HFS NVNT 3-DH5 2402MHz Ant1



HFS NVNT 3-DH5 2480MHz Ant1





### E.6 Occupied Channel Bandwidth

| Condition | Mode  | Frequency (MHz) | Antenna | Center Frequency (MHz) | OBW (MHz) | Lower Edge (MHz) | Upper Edge (MHz) | Limit OBW (MHz)  | Verdict |
|-----------|-------|-----------------|---------|------------------------|-----------|------------------|------------------|------------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 2402.001               | 0.877     | 2401.562         | 2402.439         | 2400 - 2483.5MHz | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 2480.001               | 0.877     | 2479.562         | 2480.439         | 2400 - 2483.5MHz | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 2402.003               | 1.192     | 2401.407         | 2402.599         | 2400 - 2483.5MHz | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 2480.003               | 1.191     | 2479.408         | 2480.598         | 2400 - 2483.5MHz | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 2402.001               | 1.202     | 2401.399         | 2402.602         | 2400 - 2483.5MHz | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 2480.001               | 1.202     | 2479.399         | 2480.602         | 2400 - 2483.5MHz | Pass    |

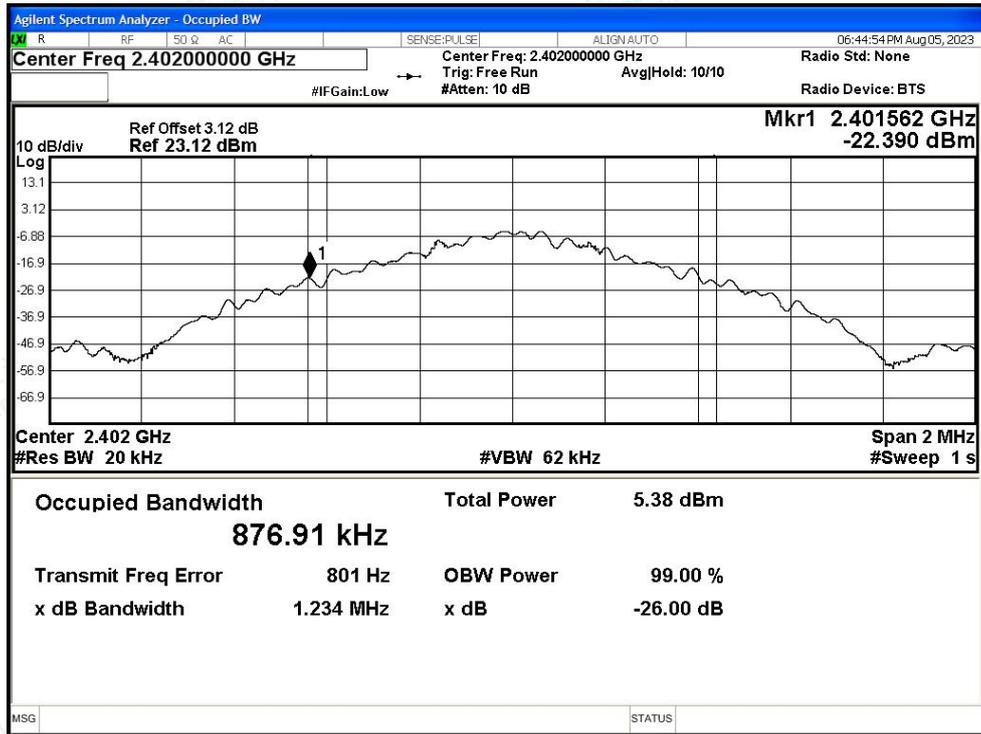


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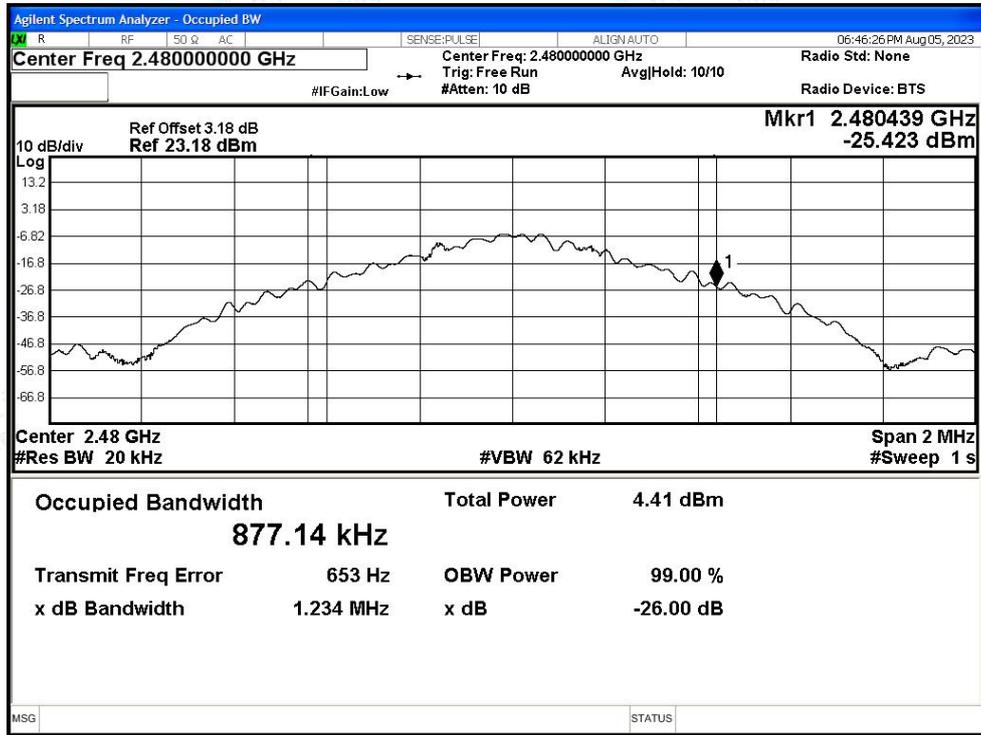


Test Graphs

OBW NVNT 1-DH5 2402MHz Ant1

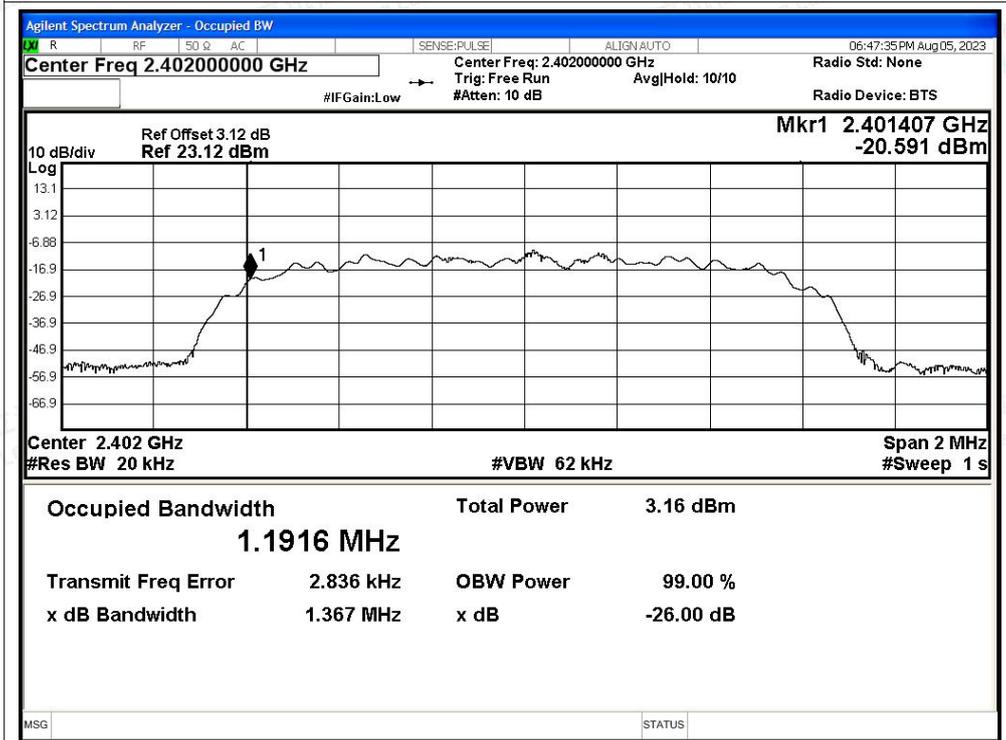


OBW NVNT 1-DH5 2480MHz Ant1

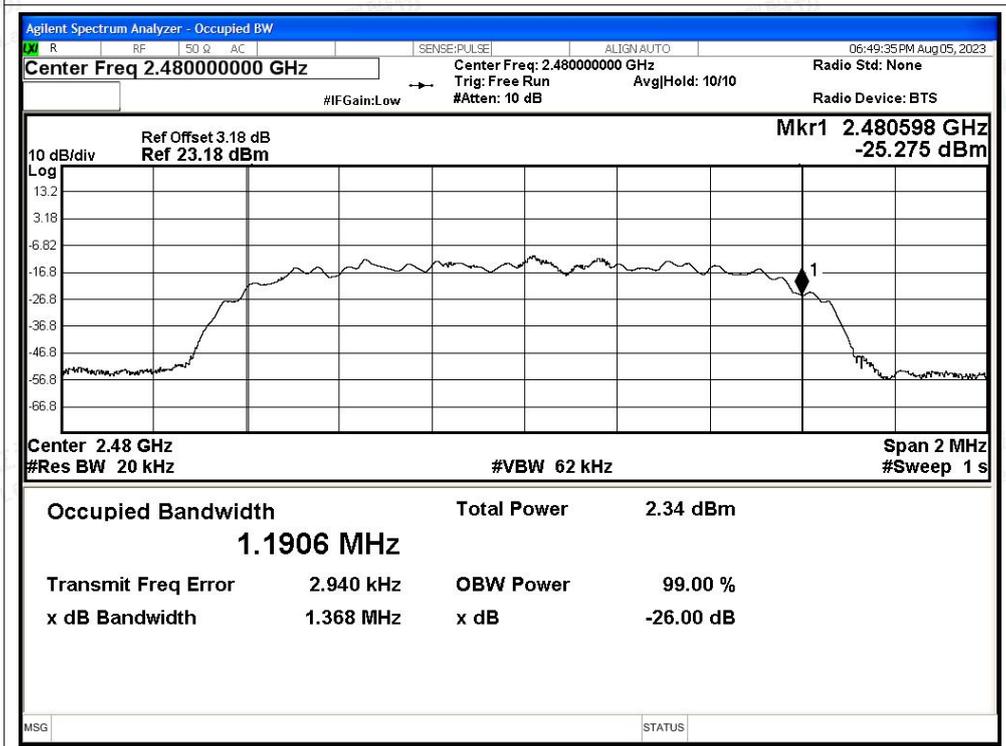




OBW NVNT 2-DH5 2402MHz Ant1

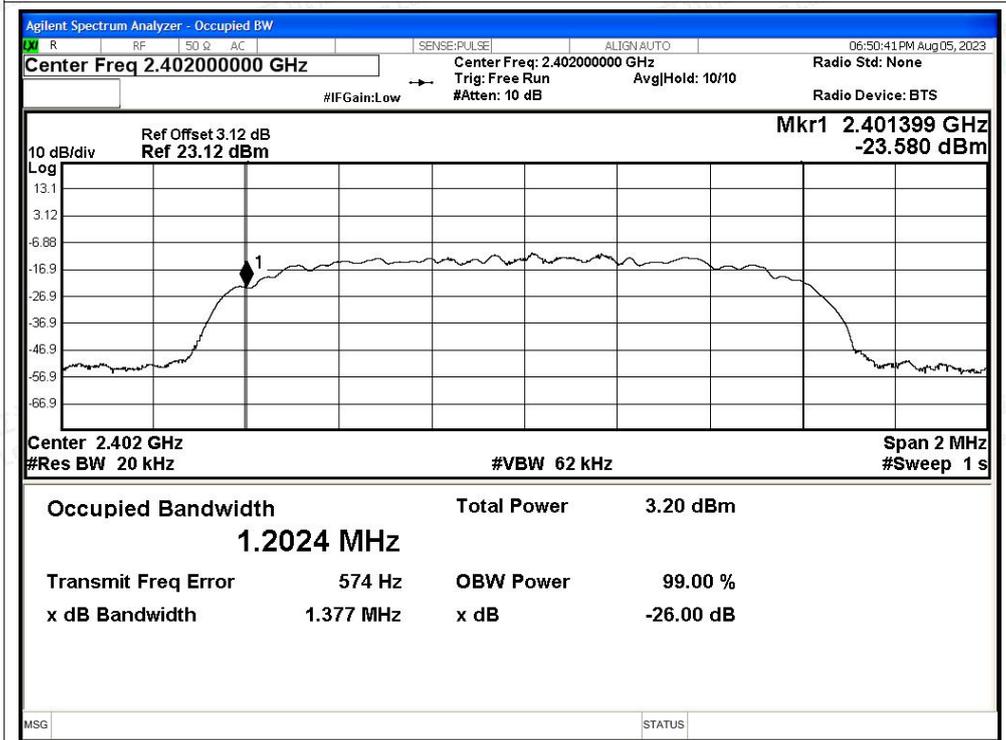


OBW NVNT 2-DH5 2480MHz Ant1

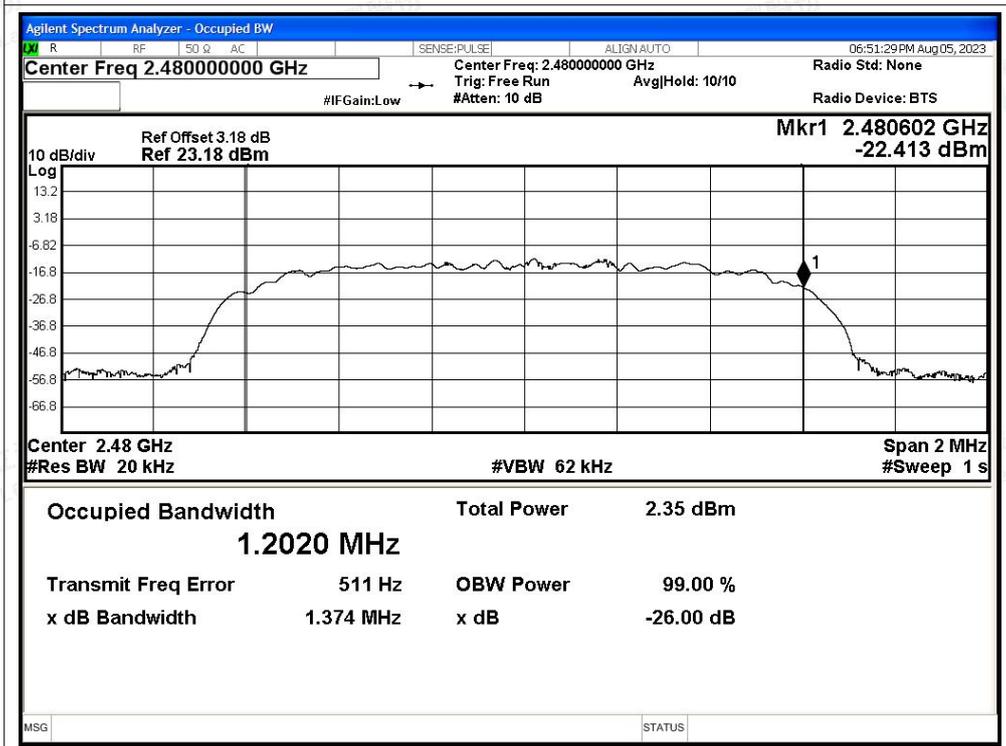




OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2480MHz Ant1





### E.7 Transmitter unwanted emissions in the out-of-band domain

| Condition | Mode  | Frequency (MHz) | Antenna | OOB Frequency (MHz) | Level (dBm/MHz) | Limit (dBm/MHz) | Verdict |
|-----------|-------|-----------------|---------|---------------------|-----------------|-----------------|---------|
| NVNT      | 1-DH5 | Hopping         | Ant1    | 2399.5              | -72.62          | -10             | Pass    |
| NVNT      | 1-DH5 | Hopping         | Ant1    | 2398.5              | -71.92          | -20             | Pass    |
| NVNT      | 1-DH5 | Hopping         | Ant1    | 2484                | -70.48          | -10             | Pass    |
| NVNT      | 1-DH5 | Hopping         | Ant1    | 2485                | -74.2           | -20             | Pass    |
| NVNT      | 1-DH5 | Hopping         | Ant1    | 2399.5              | -71.56          | -10             | Pass    |
| NVNT      | 1-DH5 | Hopping         | Ant1    | 2398.5              | -69.18          | -20             | Pass    |
| NVNT      | 1-DH5 | Hopping         | Ant1    | 2484                | -69.62          | -10             | Pass    |
| NVNT      | 1-DH5 | Hopping         | Ant1    | 2485                | -74.39          | -20             | Pass    |
| NVNT      | 2-DH5 | Hopping         | Ant1    | 2399.5              | -50.91          | -10             | Pass    |
| NVNT      | 2-DH5 | Hopping         | Ant1    | 2399.308            | -62.39          | -10             | Pass    |
| NVNT      | 2-DH5 | Hopping         | Ant1    | 2398.308            | -68.15          | -20             | Pass    |
| NVNT      | 2-DH5 | Hopping         | Ant1    | 2398.116            | -70.11          | -20             | Pass    |
| NVNT      | 2-DH5 | Hopping         | Ant1    | 2484                | -72.55          | -10             | Pass    |
| NVNT      | 2-DH5 | Hopping         | Ant1    | 2485                | -75.01          | -20             | Pass    |
| NVNT      | 2-DH5 | Hopping         | Ant1    | 2399.5              | -74.4           | -10             | Pass    |
| NVNT      | 2-DH5 | Hopping         | Ant1    | 2398.5              | -71.99          | -20             | Pass    |
| NVNT      | 2-DH5 | Hopping         | Ant1    | 2484                | -74.23          | -10             | Pass    |
| NVNT      | 2-DH5 | Hopping         | Ant1    | 2484.191            | -75.11          | -10             | Pass    |
| NVNT      | 2-DH5 | Hopping         | Ant1    | 2485.191            | -74.09          | -20             | Pass    |
| NVNT      | 2-DH5 | Hopping         | Ant1    | 2485.382            | -66.48          | -20             | Pass    |
| NVNT      | 3-DH5 | Hopping         | Ant1    | 2399.5              | -74.03          | -10             | Pass    |
| NVNT      | 3-DH5 | Hopping         | Ant1    | 2399.298            | -71.36          | -10             | Pass    |
| NVNT      | 3-DH5 | Hopping         | Ant1    | 2398.298            | -72.71          | -20             | Pass    |
| NVNT      | 3-DH5 | Hopping         | Ant1    | 2398.096            | -75.69          | -20             | Pass    |
| NVNT      | 3-DH5 | Hopping         | Ant1    | 2484                | -73.72          | -10             | Pass    |
| NVNT      | 3-DH5 | Hopping         | Ant1    | 2485                | -64.68          | -20             | Pass    |
| NVNT      | 3-DH5 | Hopping         | Ant1    | 2399.5              | -68.92          | -10             | Pass    |
| NVNT      | 3-DH5 | Hopping         | Ant1    | 2398.5              | -74.97          | -20             | Pass    |
| NVNT      | 3-DH5 | Hopping         | Ant1    | 2484                | -73.65          | -10             | Pass    |
| NVNT      | 3-DH5 | Hopping         | Ant1    | 2484.202            | -63.67          | -10             | Pass    |
| NVNT      | 3-DH5 | Hopping         | Ant1    | 2485.202            | -69.77          | -20             | Pass    |
| NVNT      | 3-DH5 | Hopping         | Ant1    | 2485.404            | -71.82          | -20             | Pass    |

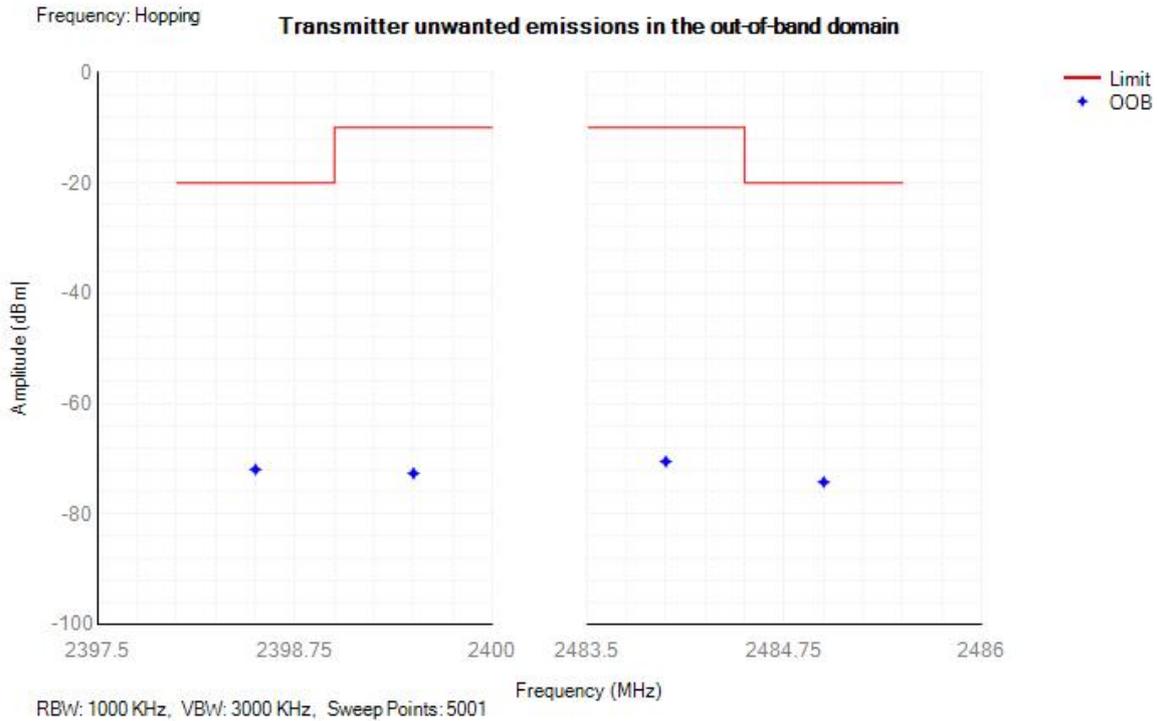


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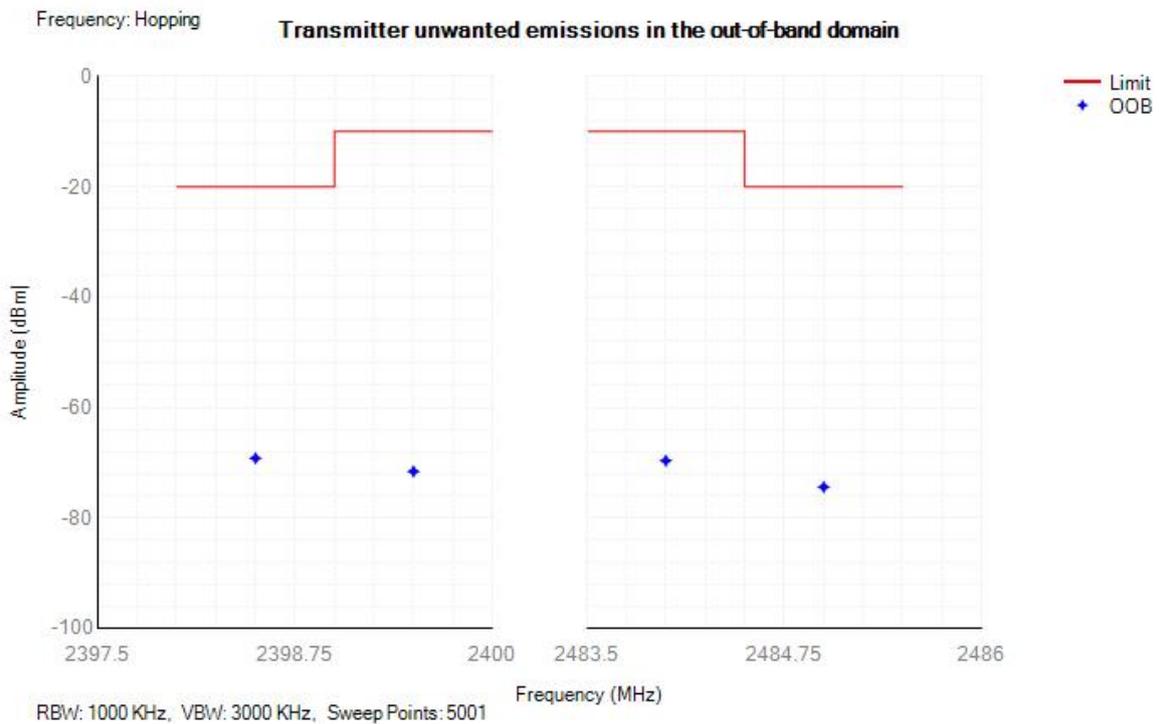


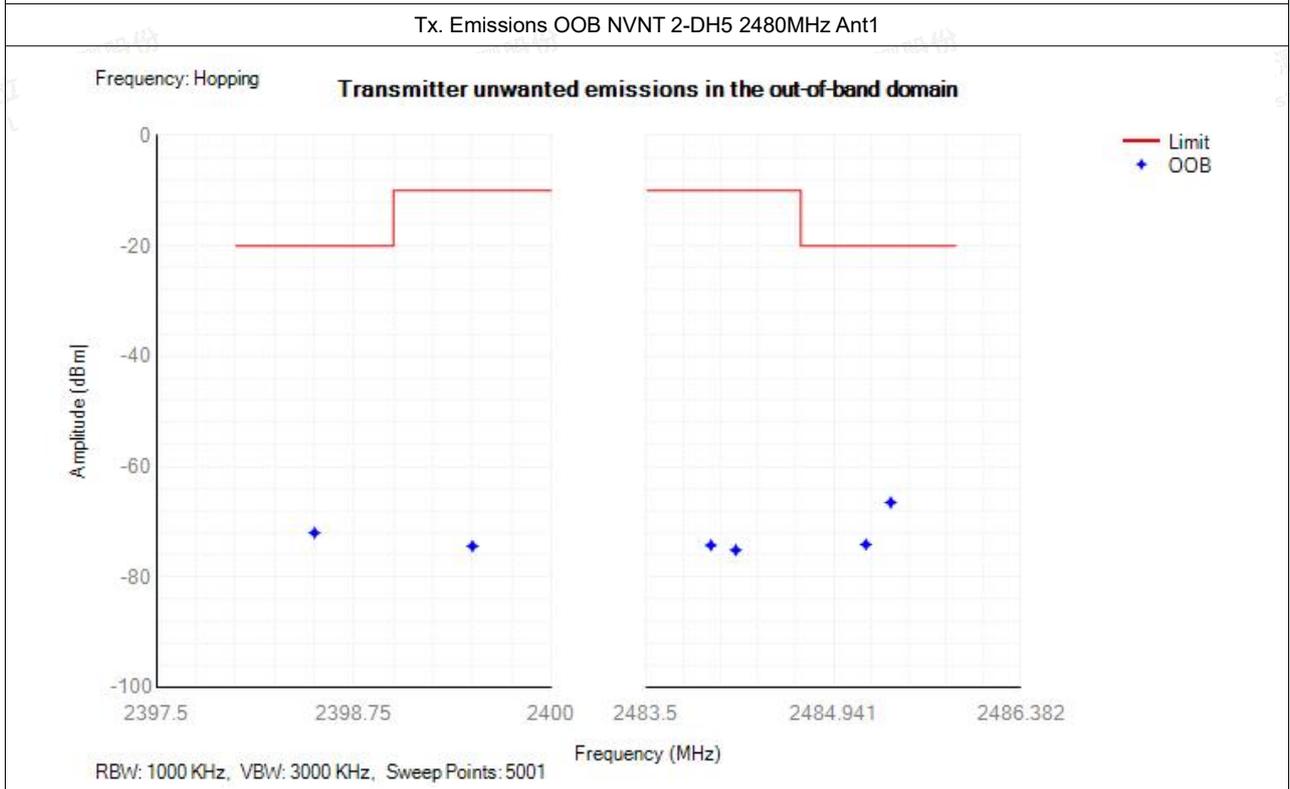
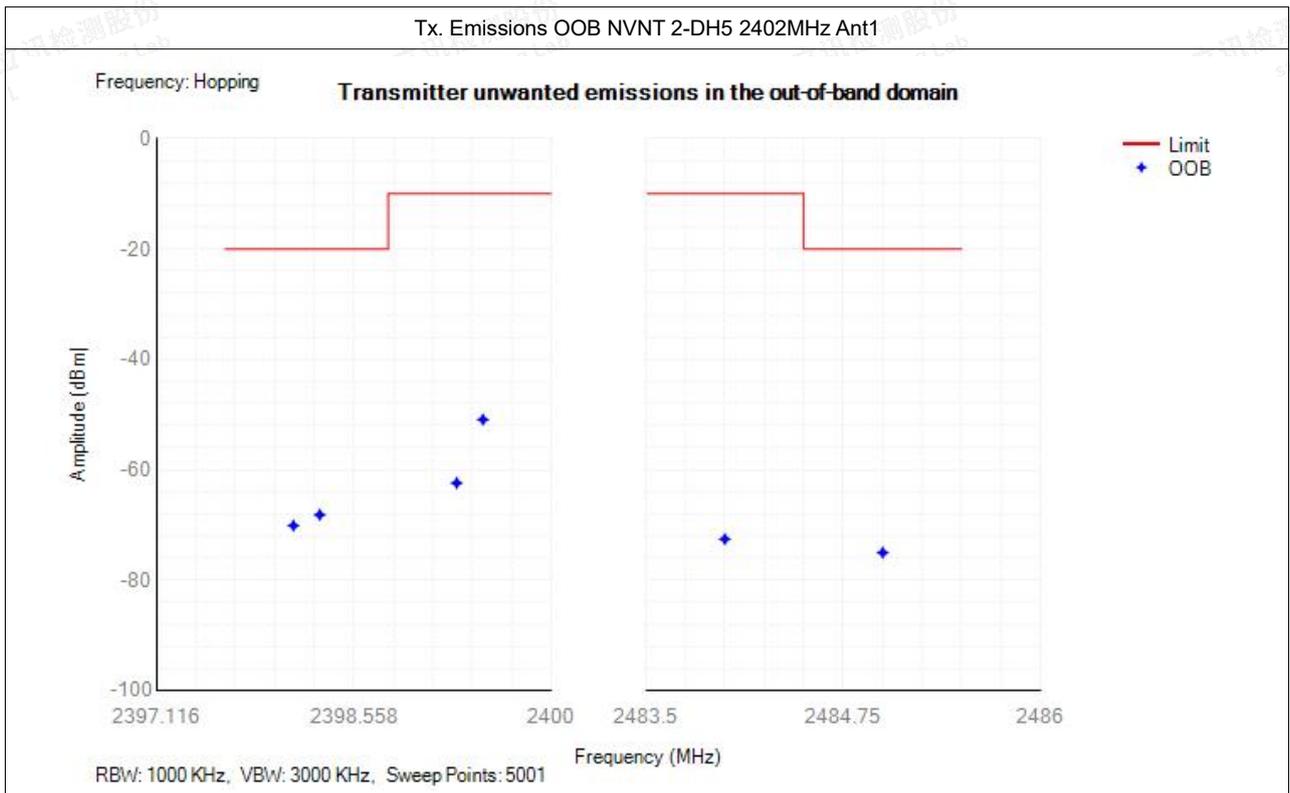
Test Graphs

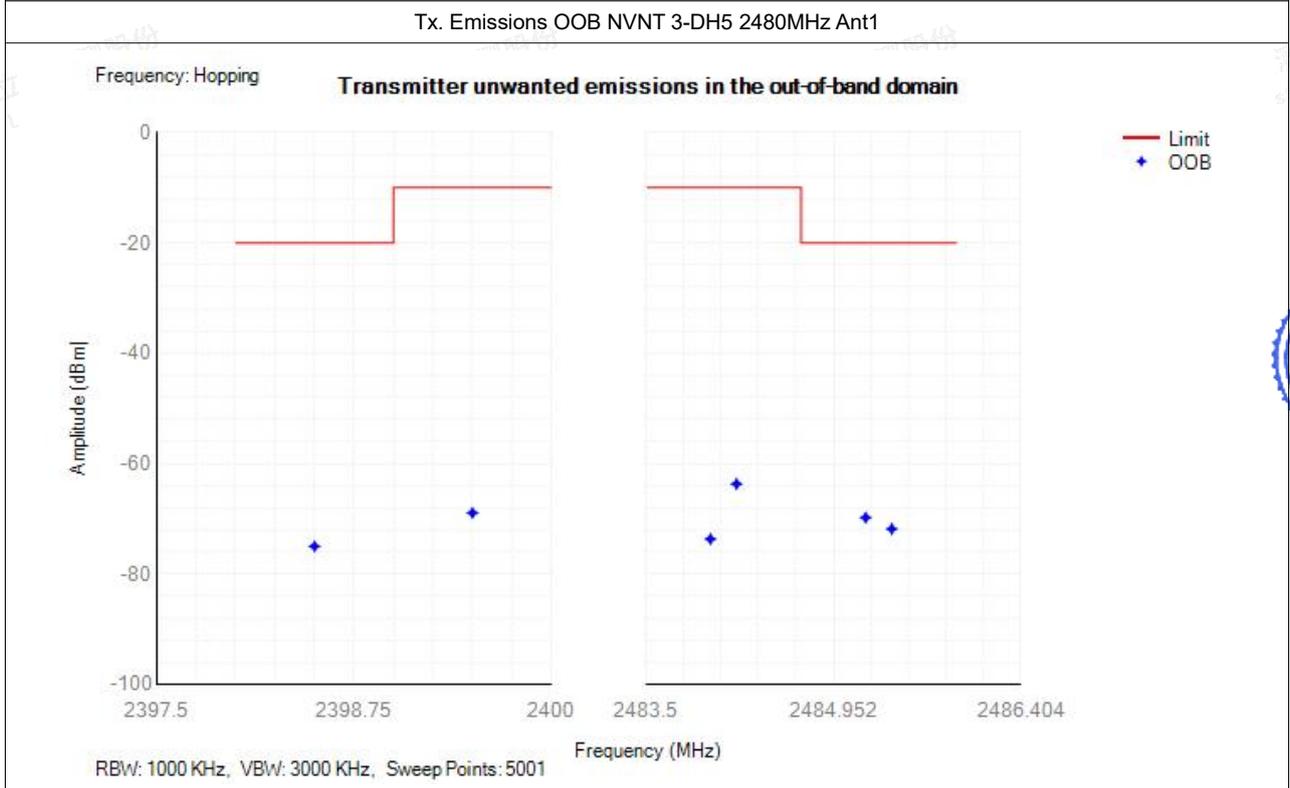
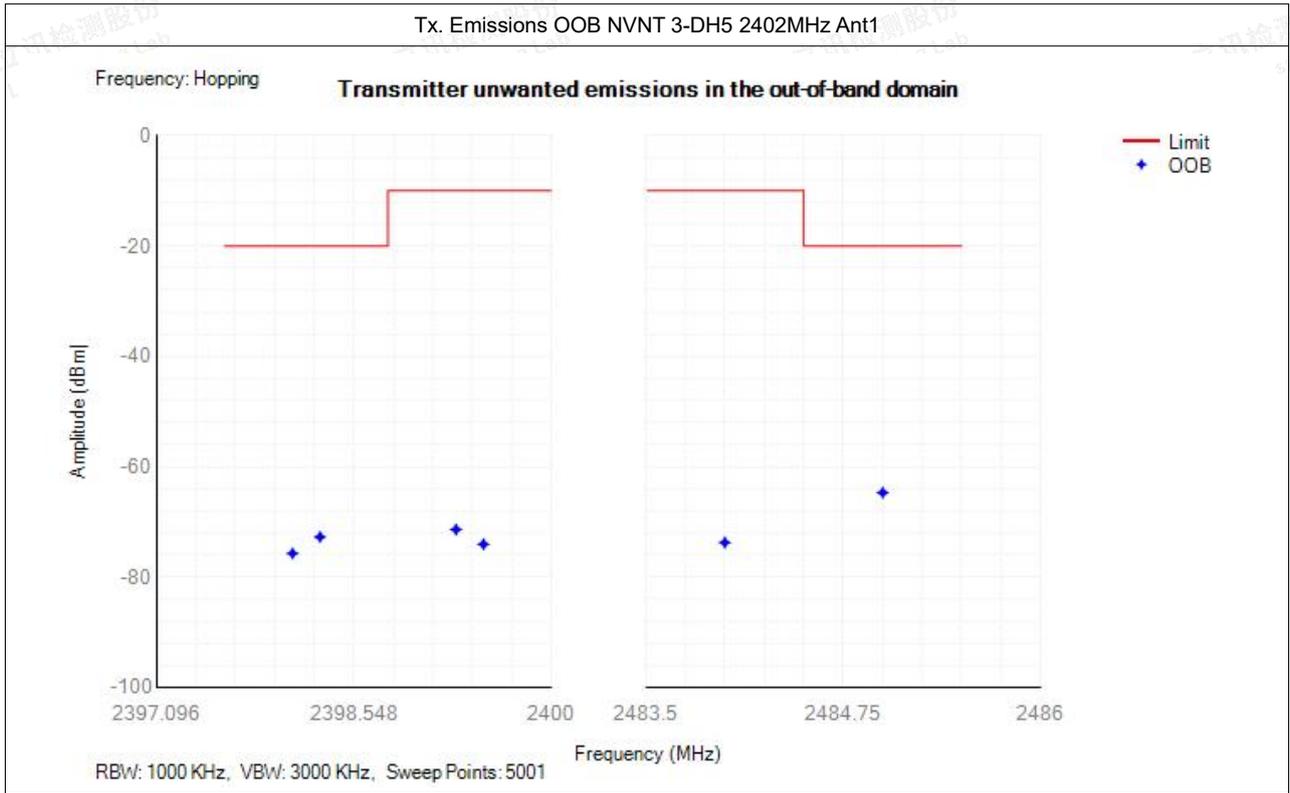
Tx. Emissions OOB NVNT 1-DH5 2402MHz Ant1



Tx. Emissions OOB NVNT 1-DH5 2480MHz Ant1







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## E.8 Transmitter unwanted emissions in the spurious domain

| Condition | Mode  | Frequency (MHz) | Antenna | Range (MHz)   | Spur Freq (MHz) | Peak (dBm) | RMS (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|---------------|-----------------|------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 30 -47        | 34.80           | -73.96     | NA        | -36         | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | 47 -74        | 73.10           | -73.90     | NA        | -54         | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | 74 -87.5      | 82.25           | -73.23     | NA        | -36         | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | 87.5 -118     | 107.95          | -72.72     | NA        | -54         | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | 118 -174      | 158.55          | -71.20     | NA        | -36         | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | 174 -230      | 188.00          | -71.68     | NA        | -54         | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | 230 -470      | 397.15          | -70.10     | NA        | -36         | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | 470 -694      | 603.15          | -69.95     | NA        | -54         | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | 694 -1000     | 800.05          | -68.95     | NA        | -36         | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | 1000 -2398    | 2397.50         | -51.98     | NA        | -30         | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | 2485.5 -12750 | 12749.50        | -50.68     | NA        | -30         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 30 -47        | 37.70           | -74.32     | NA        | -36         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 47 -74        | 51.70           | -73.89     | NA        | -54         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 74 -87.5      | 86.95           | -73.48     | NA        | -36         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 87.5 -118     | 100.20          | -72.33     | NA        | -54         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 118 -174      | 168.15          | -71.73     | NA        | -36         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 174 -230      | 221.70          | -71.41     | NA        | -54         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 230 -470      | 392.15          | -71.05     | NA        | -36         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 470 -694      | 537.40          | -69.86     | NA        | -54         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 694 -1000     | 882.75          | -68.66     | NA        | -36         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 1000 -2398    | 1886.00         | -44.29     | NA        | -30         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 2485.5 -12750 | 12685.50        | -51.07     | NA        | -30         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 30 -47        | 38.45           | -72.72     | NA        | -36         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 47 -74        | 62.20           | -72.56     | NA        | -54         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 74 -87.5      | 84.50           | -73.48     | NA        | -36         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 87.5 -118     | 111.80          | -72.01     | NA        | -54         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 118 -174      | 172.75          | -71.85     | NA        | -36         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 174 -230      | 185.55          | -71.93     | NA        | -54         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 230 -470      | 435.10          | -71.08     | NA        | -36         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 470 -694      | 606.00          | -70.64     | NA        | -54         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 694 -1000     | 775.45          | -69.35     | NA        | -36         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 1000 -2398    | 2395.00         | -46.51     | NA        | -30         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 2485.5 -12750 | 12660.00        | -50.84     | NA        | -30         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 30 -47        | 44.55           | -74.23     | NA        | -36         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 47 -74        | 72.60           | -72.26     | NA        | -54         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 74 -87.5      | 74.25           | -73.68     | NA        | -36         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 87.5 -118     | 97.30           | -72.27     | NA        | -54         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 118 -174      | 128.25          | -72.27     | NA        | -36         | Pass    |





|      |       |      |      |               |          |        |    |     |      |
|------|-------|------|------|---------------|----------|--------|----|-----|------|
| NVNT | 2-DH5 | 2480 | Ant1 | 174 -230      | 200.20   | -72.44 | NA | -54 | Pass |
| NVNT | 2-DH5 | 2480 | Ant1 | 230 -470      | 452.40   | -70.49 | NA | -36 | Pass |
| NVNT | 2-DH5 | 2480 | Ant1 | 470 -694      | 667.25   | -70.50 | NA | -54 | Pass |
| NVNT | 2-DH5 | 2480 | Ant1 | 694 -1000     | 975.35   | -69.22 | NA | -36 | Pass |
| NVNT | 2-DH5 | 2480 | Ant1 | 1000 -2398    | 1896.50  | -47.26 | NA | -30 | Pass |
| NVNT | 2-DH5 | 2480 | Ant1 | 2485.5 -12750 | 12748.00 | -50.87 | NA | -30 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | 30 -47        | 46.65    | -74.16 | NA | -36 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | 47 -74        | 68.75    | -73.23 | NA | -54 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | 74 -87.5      | 87.30    | -72.78 | NA | -36 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | 87.5 -118     | 102.60   | -71.50 | NA | -54 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | 118 -174      | 156.90   | -71.94 | NA | -36 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | 174 -230      | 216.95   | -71.72 | NA | -54 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | 230 -470      | 441.55   | -70.40 | NA | -36 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | 470 -694      | 507.80   | -69.67 | NA | -54 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | 694 -1000     | 922.40   | -69.45 | NA | -36 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | 1000 -2398    | 2393.00  | -51.40 | NA | -30 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | 2485.5 -12750 | 12747.50 | -50.78 | NA | -30 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | 30 -47        | 38.05    | -74.63 | NA | -36 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | 47 -74        | 70.05    | -71.84 | NA | -54 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | 74 -87.5      | 76.30    | -73.38 | NA | -36 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | 87.5 -118     | 108.30   | -71.64 | NA | -54 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | 118 -174      | 144.05   | -72.00 | NA | -36 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | 174 -230      | 210.25   | -70.36 | NA | -54 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | 230 -470      | 456.95   | -70.67 | NA | -36 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | 470 -694      | 488.65   | -70.84 | NA | -54 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | 694 -1000     | 865.15   | -68.68 | NA | -36 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | 1000 -2398    | 2291.50  | -54.60 | NA | -30 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | 2485.5 -12750 | 12734.00 | -51.19 | NA | -30 | Pass |

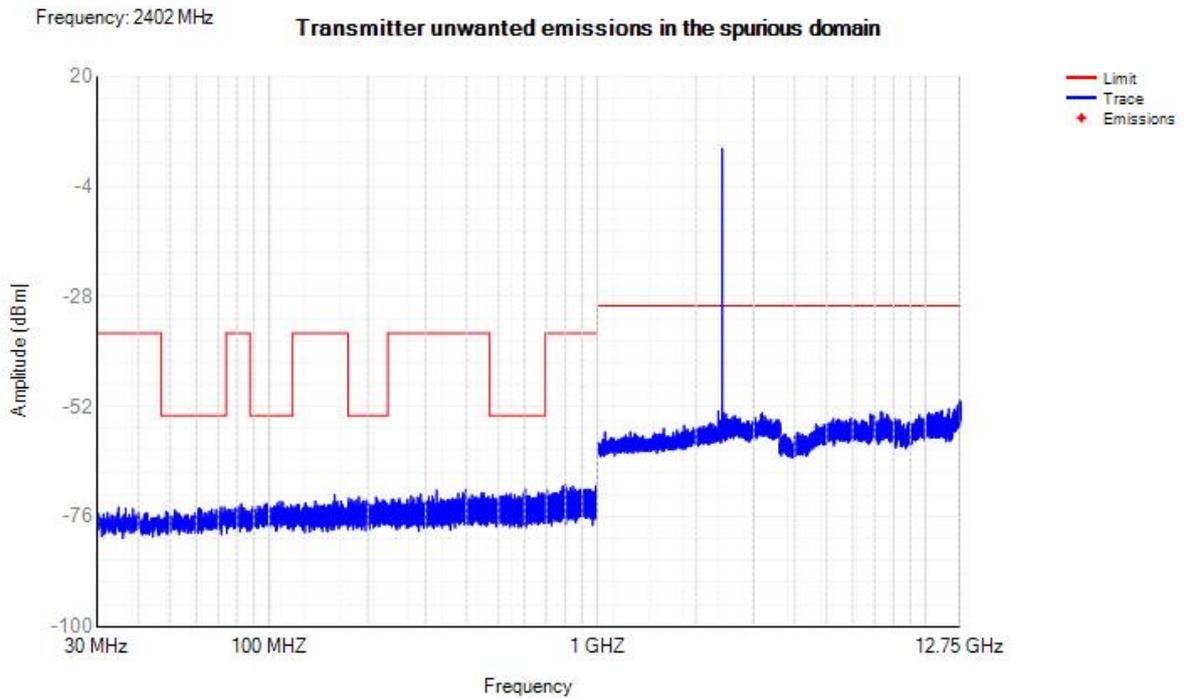


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 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
 Scan code to check authenticity

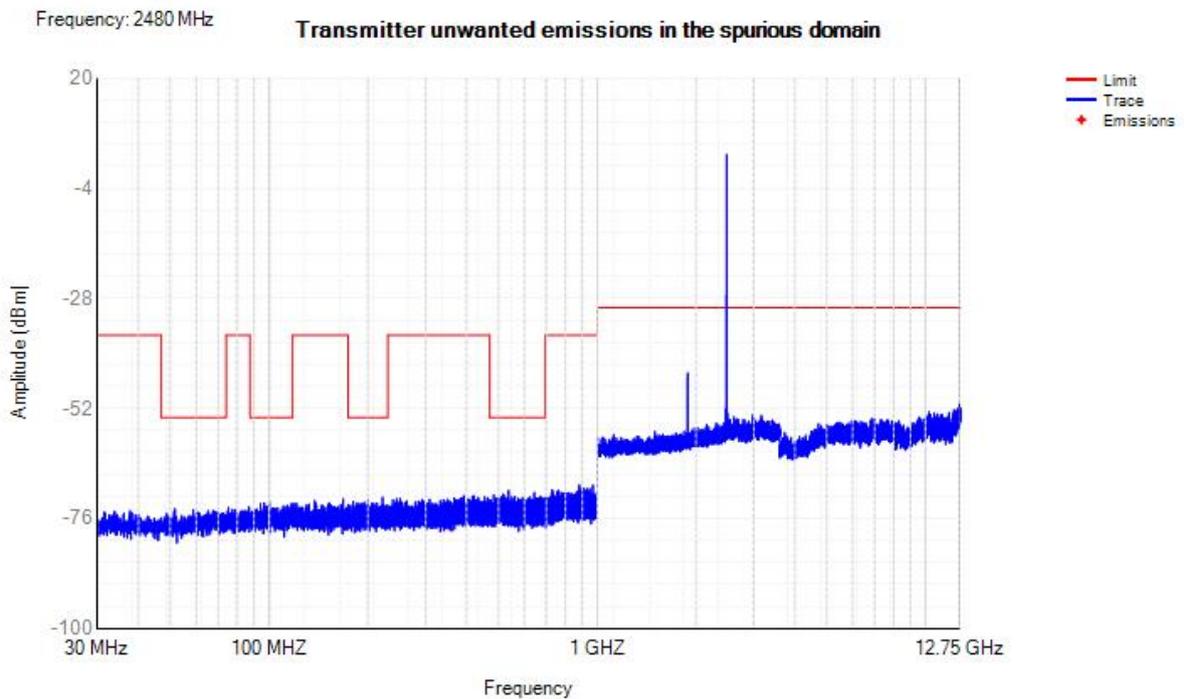


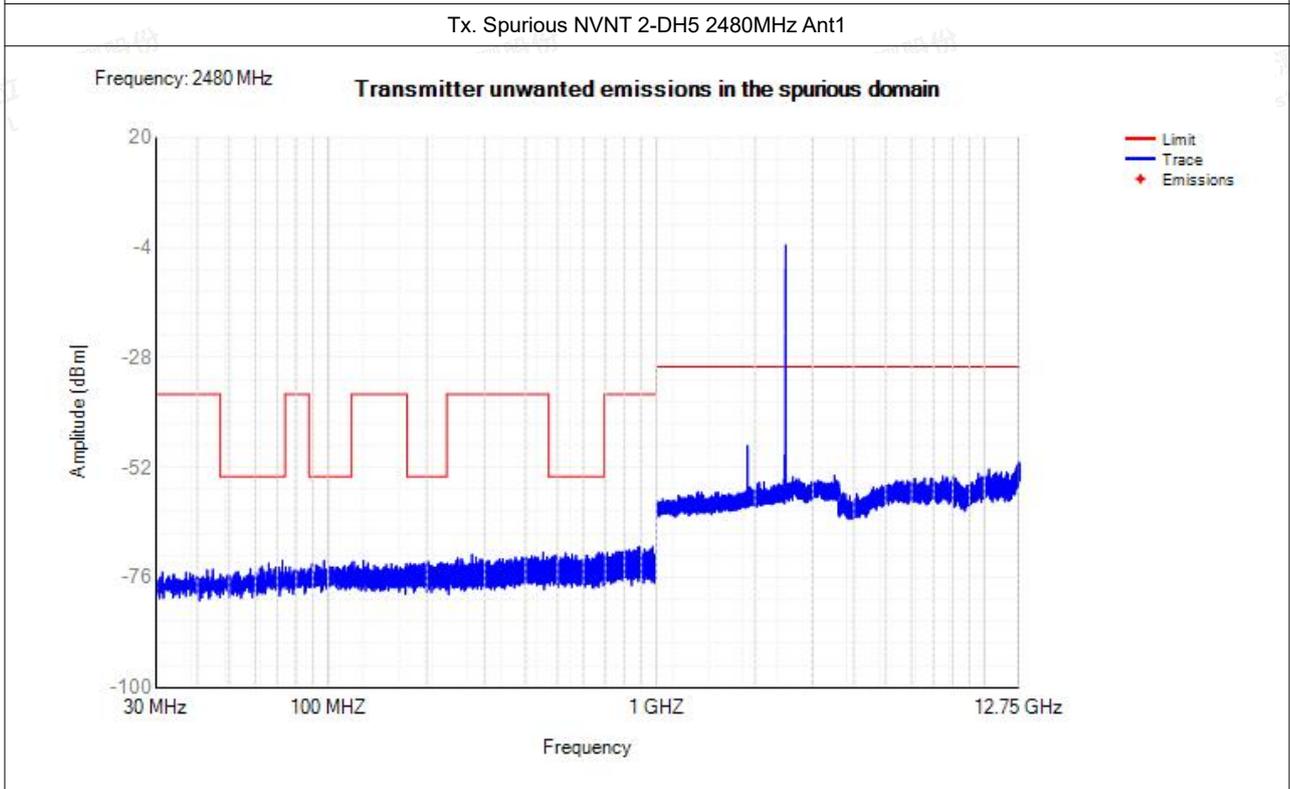
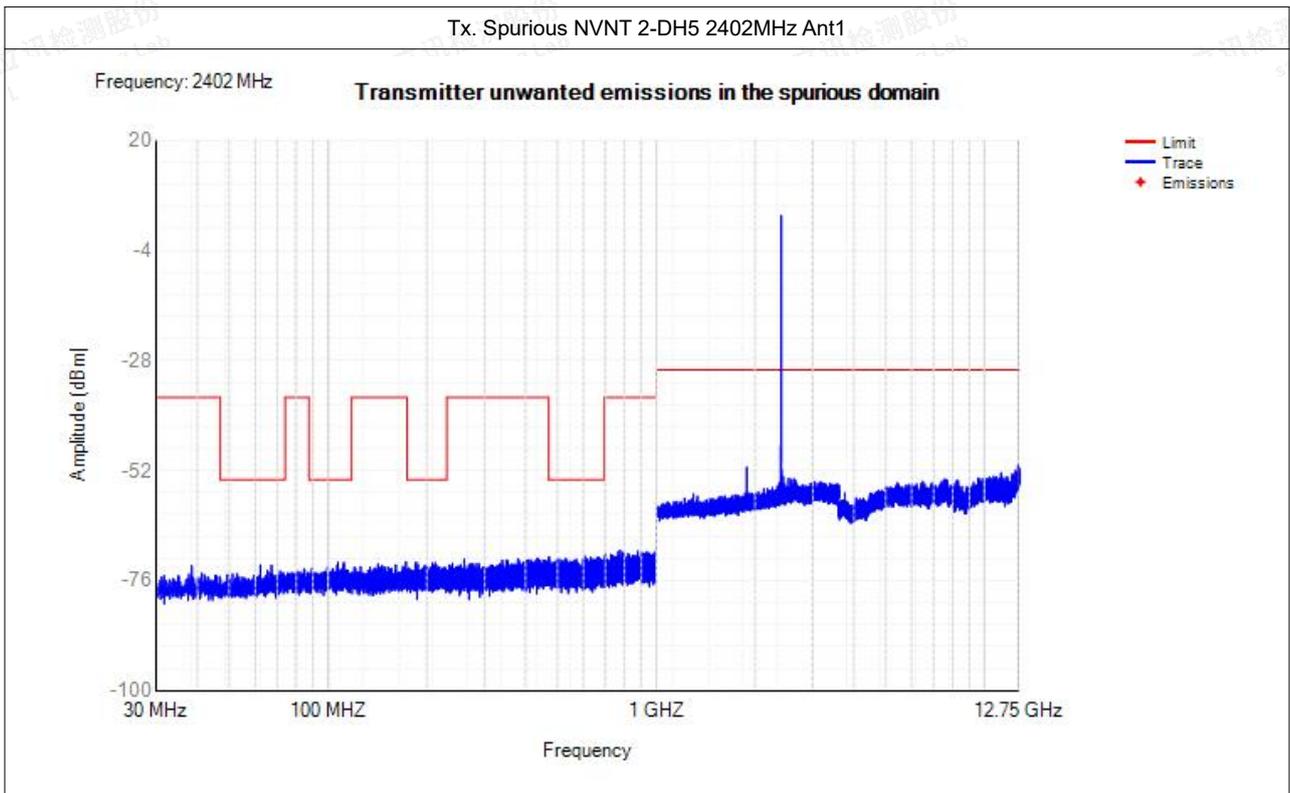
Test Graphs

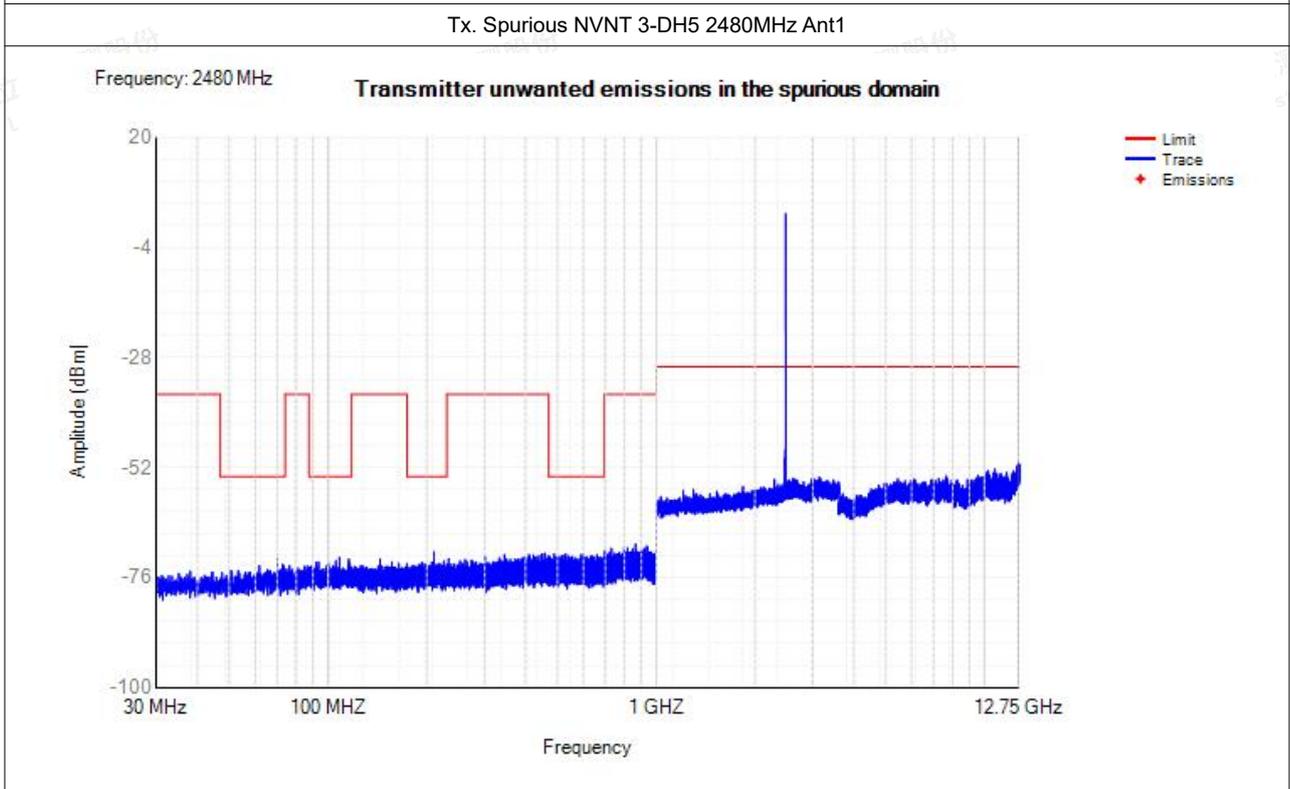
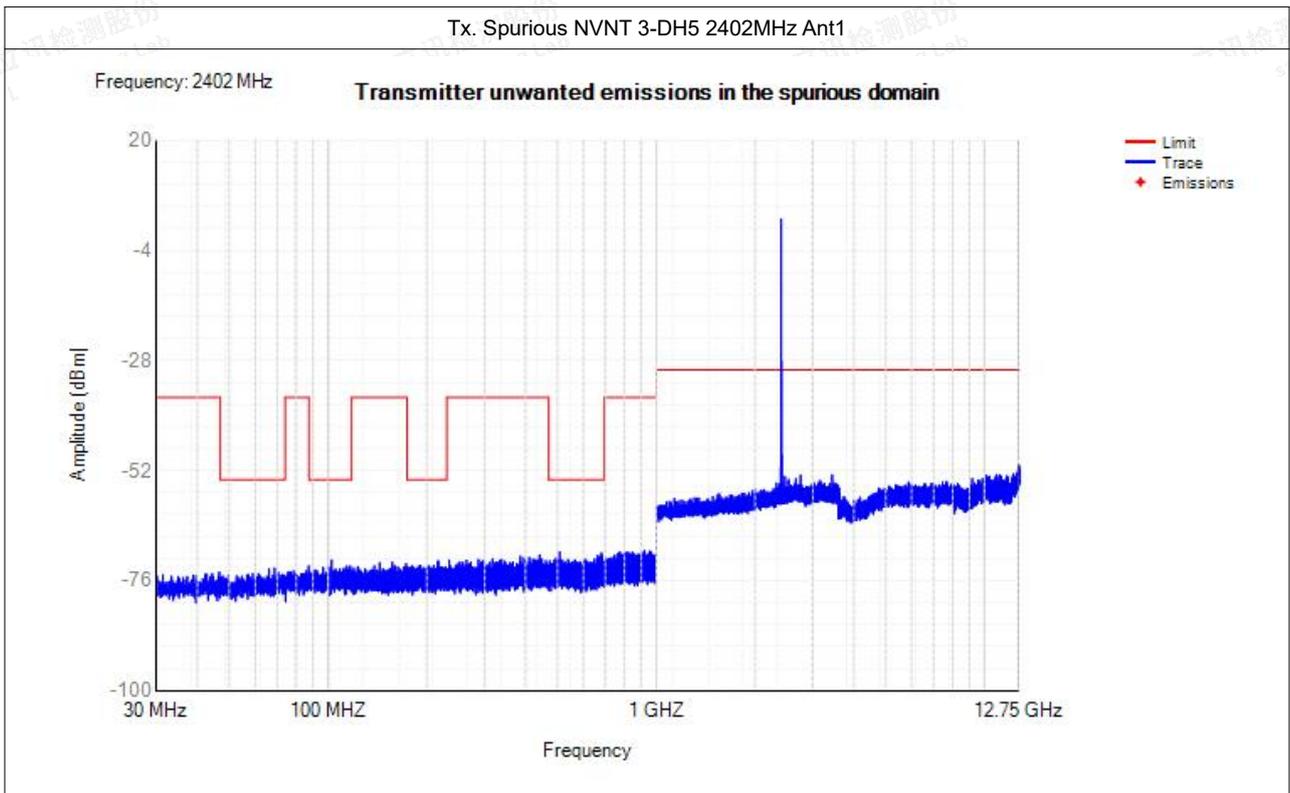
Tx. Spurious NVNT 1-DH5 2402MHz Ant1



Tx. Spurious NVNT 1-DH5 2480MHz Ant1









## E.9 Receiver spurious emissions

| Condition | Mode  | Frequency (MHz) | Antenna | Range (MHz) | Spur Freq (MHz) | Peak (dBm) | RMS (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-------------|-----------------|------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 30 -1000    | 995.35          | -79.40     | NA        | -57         | Pass    |
| NVNT      | 1-DH5 | 2402            | Ant1    | 1000 -12750 | 1890.5          | -56.05     | NA        | -47         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 30 -1000    | 833.9           | -78.91     | NA        | -57         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 1000 -12750 | 12675           | -62.26     | NA        | -47         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 30 -1000    | 802.3           | -78.84     | NA        | -57         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 1000 -12750 | 12713.5         | -62.29     | NA        | -47         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 30 -1000    | 683.2           | -79.33     | NA        | -57         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 1000 -12750 | 12692           | -62.91     | NA        | -47         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 30 -1000    | 948.35          | -77.45     | NA        | -57         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 1000 -12750 | 12720           | -62.33     | NA        | -47         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 30 -1000    | 969             | -79.29     | NA        | -57         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 1000 -12750 | 12679           | -62.08     | NA        | -47         | Pass    |



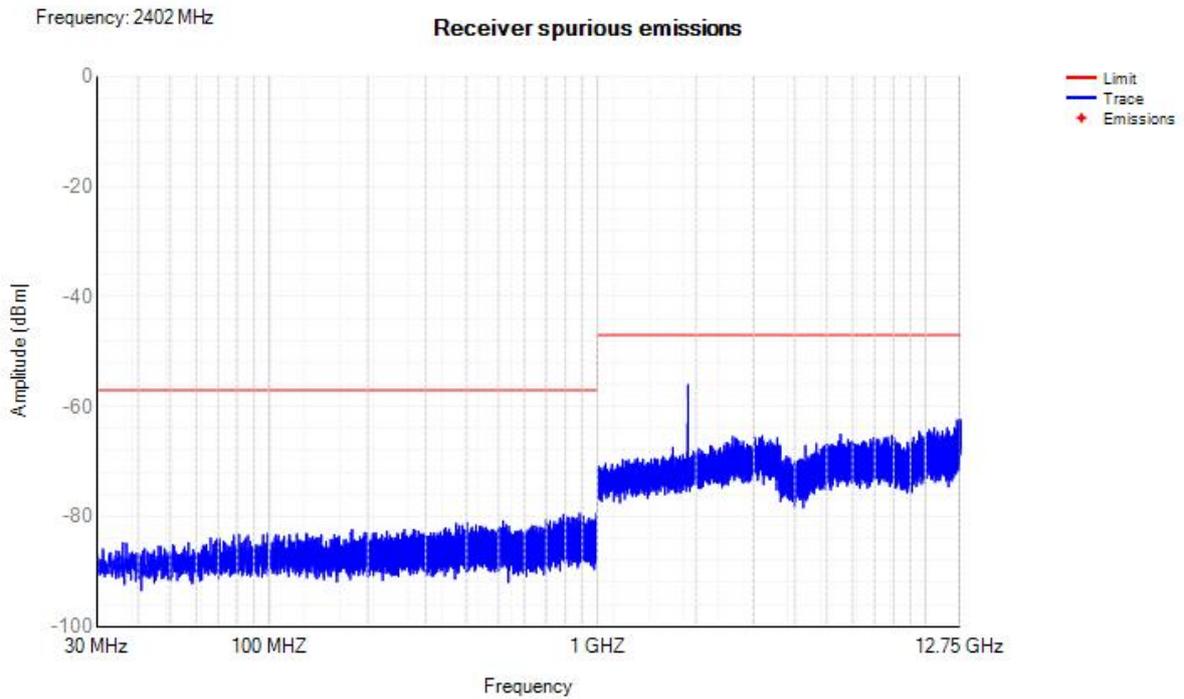
Shenzhen LCS Compliance Testing Laboratory Ltd.  
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity



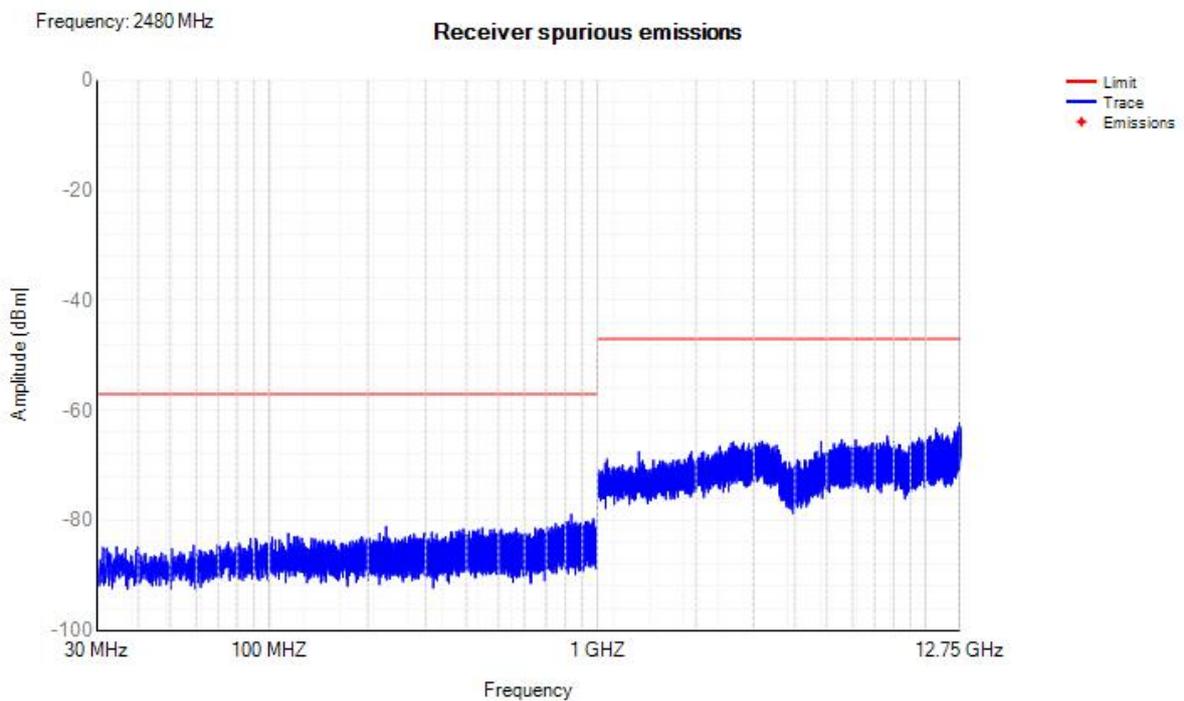


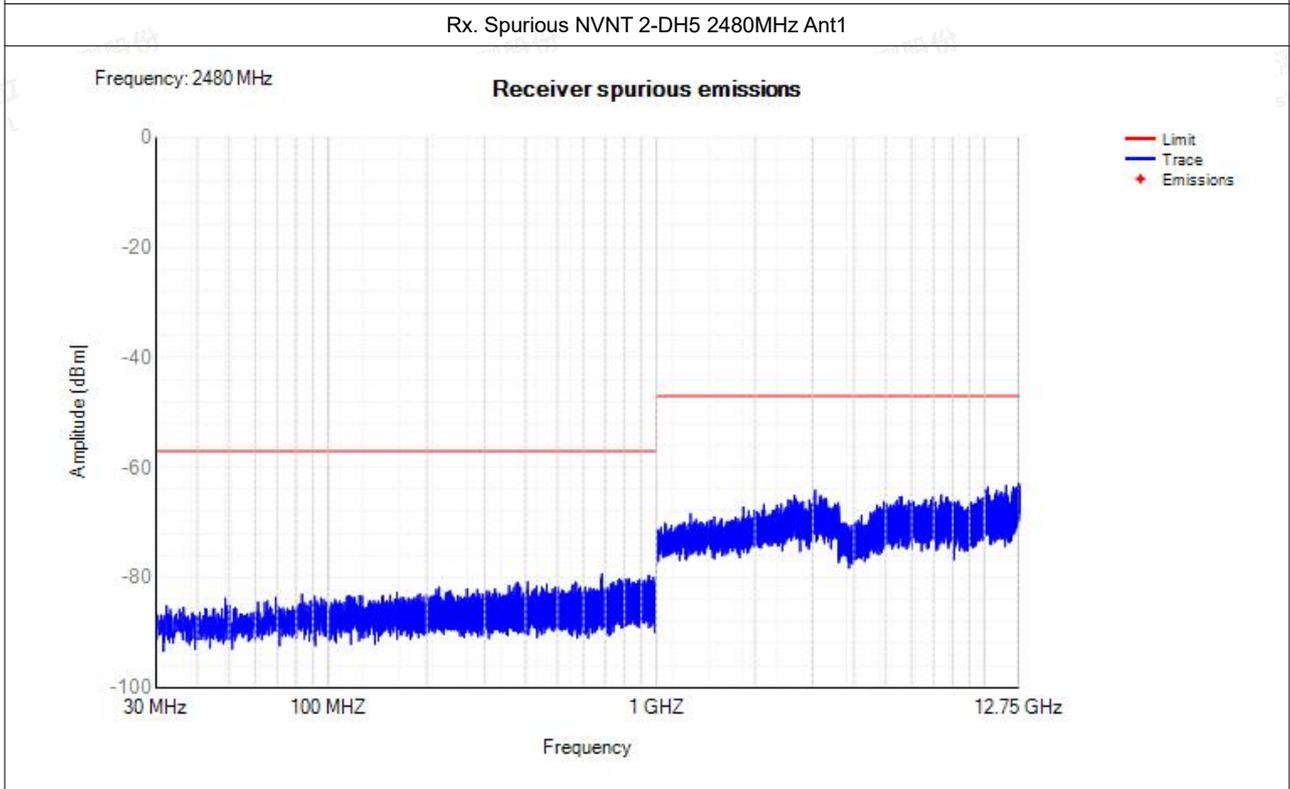
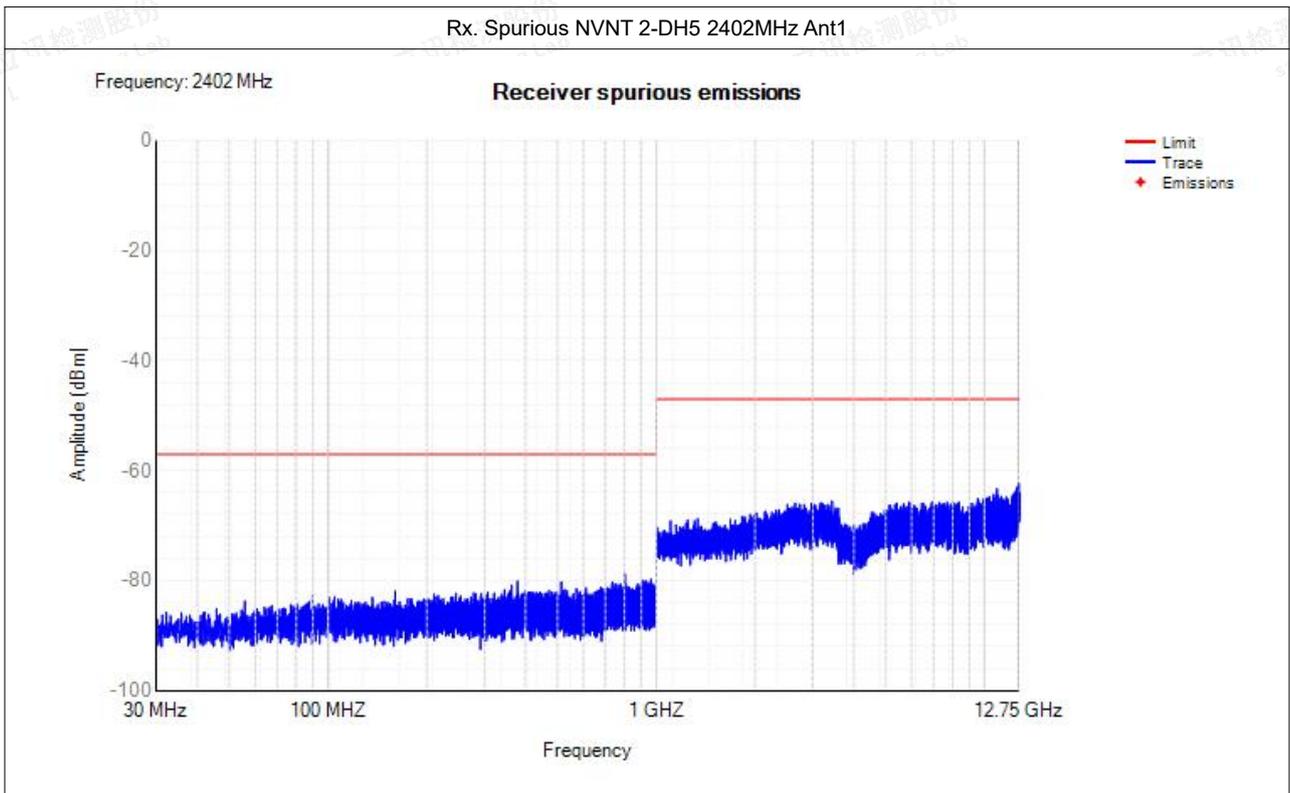
Test Graphs

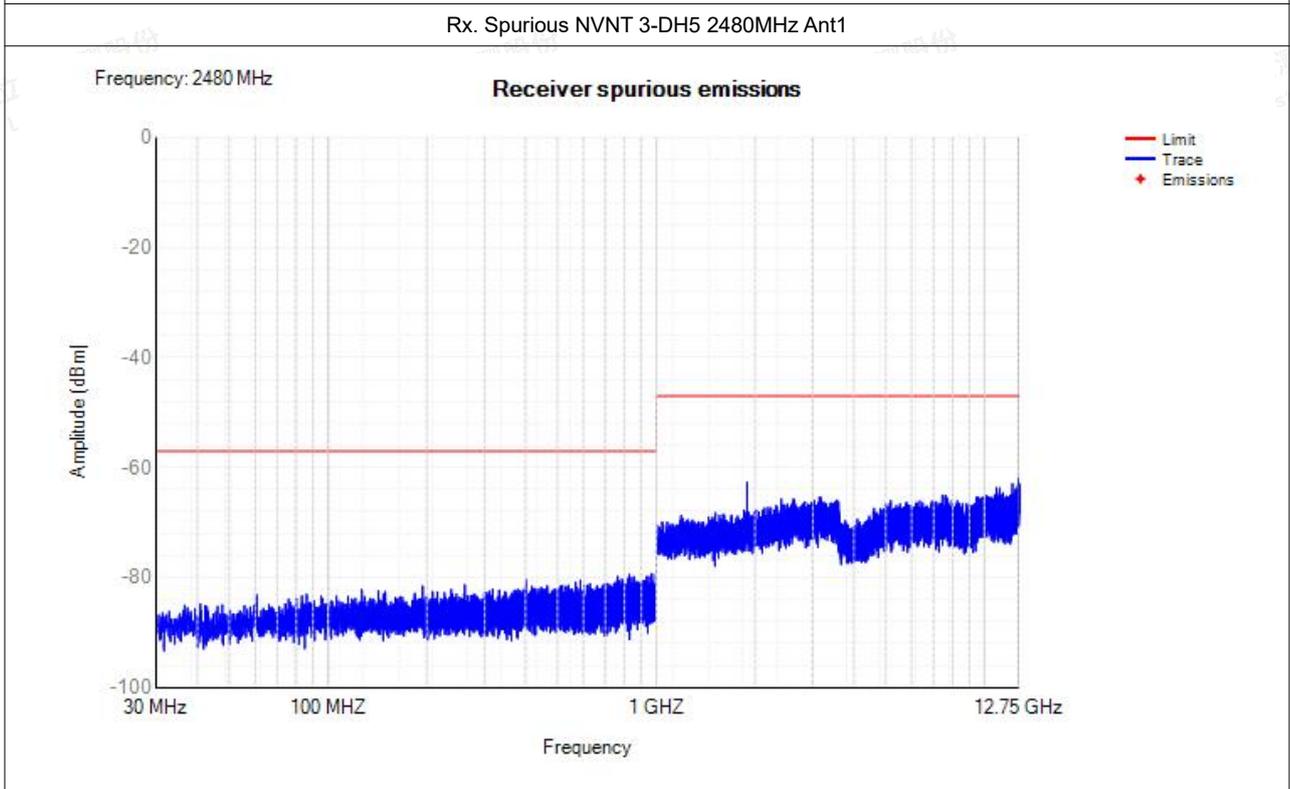
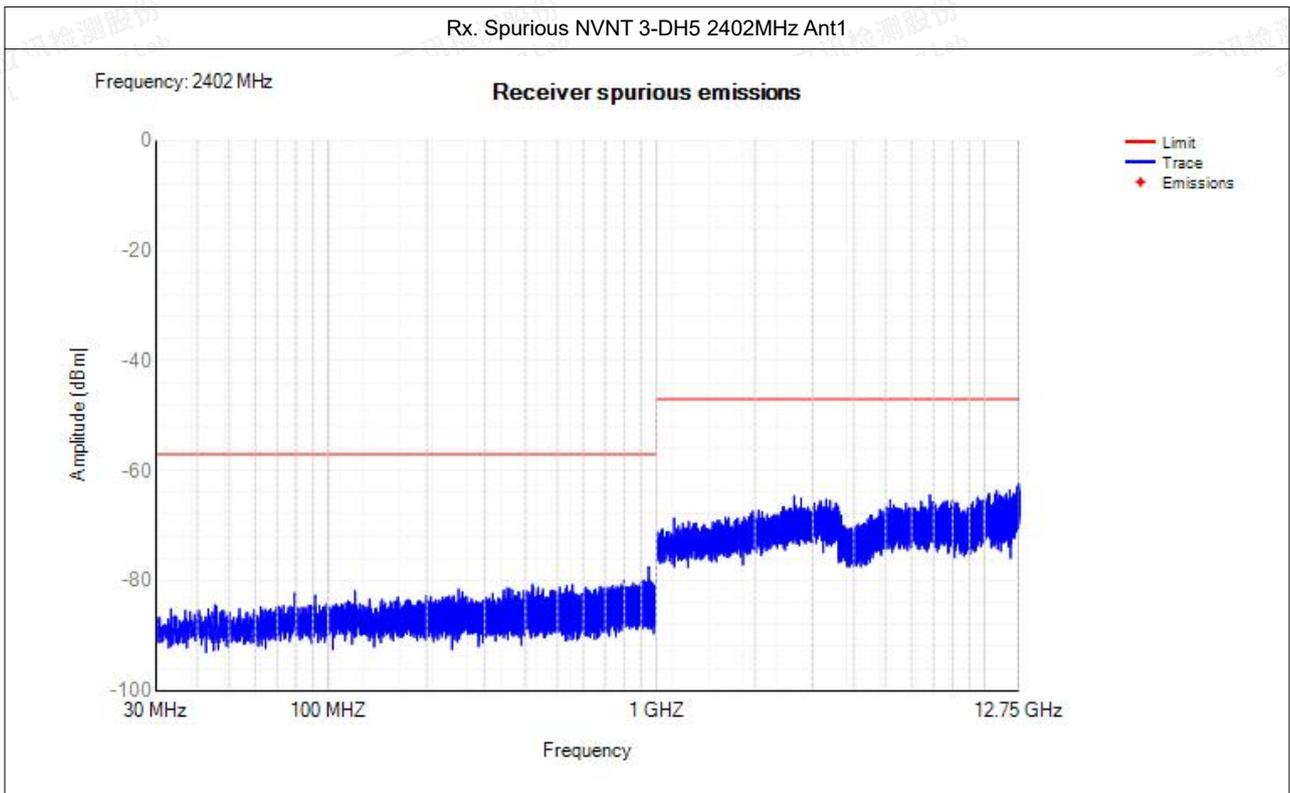
Rx. Spurious NVNT 1-DH5 2402MHz Ant1



Rx. Spurious NVNT 1-DH5 2480MHz Ant1









### E.10 Receiver Blocking

| Test Mode | Test Channel (MHz) | Wanted Signal Mean Power from Companion Device (dBm) | Blocking Signal Frequency (MHz) | Blocking Signal Power (dBm) |       | Type of Blocking Signal | PER(%)     |       | Test Result |
|-----------|--------------------|--|---------------------------------|-----------------------------|-------|-------------------------|------------|-------|-------------|
|           |                    |  |                                 | Test Value                  | Limit |                         | Test Value | Limit |             |
| DH5       | 2402               | -70  | 2380                            | -28                         | ≥-34  | CW                      | 2.80       | 10    | Pass        |
|           |                    |  | 2504                            | -22                         | ≥-34  | CW                      | 1.35       | 10    | Pass        |
|           |                    |  | 2300                            | -26                         | ≥-34  | CW                      | 1.49       | 10    | Pass        |
|           |                    |  | 2584                            | -24                         | ≥-34  | CW                      | 3.25       | 10    | Pass        |
|           | 2480               | -70  | 2380                            | -30                         | ≥-34  | CW                      | 2.41       | 10    | Pass        |
|           |                    |  | 2504                            | -24                         | ≥-34  | CW                      | 2.71       | 10    | Pass        |
|           |                    |  | 2300                            | -28                         | ≥-34  | CW                      | 3.40       | 10    | Pass        |
|           |                    |  | 2584                            | -22                         | ≥-34  | CW                      | 2.00       | 10    | Pass        |
| 2DH5      | 2402               | -68  | 2380                            | -21                         | ≥-34  | CW                      | 3.21       | 10    | Pass        |
|           |                    |  | 2504                            | -21                         | ≥-34  | CW                      | 3.78       | 10    | Pass        |
|           |                    |  | 2300                            | -30                         | ≥-34  | CW                      | 2.94       | 10    | Pass        |
|           |                    |  | 2584                            | -28                         | ≥-34  | CW                      | 3.66       | 10    | Pass        |
|           | 2480               | -68  | 2380                            | -22                         | ≥-34  | CW                      | 5.52       | 10    | Pass        |
|           |                    |  | 2504                            | -28                         | ≥-34  | CW                      | 3.53       | 10    | Pass        |
|           |                    |  | 2300                            | -24                         | ≥-34  | CW                      | 0.85       | 10    | Pass        |
|           |                    |  | 2584                            | -20                         | ≥-34  | CW                      | 1.00       | 10    | Pass        |
| 3DH5      | 2402               | -68  | 2380                            | -22                         | ≥-34  | CW                      | 2.21       | 10    | Pass        |
|           |                    |  | 2504                            | -23                         | ≥-34  | CW                      | 2.12       | 10    | Pass        |
|           |                    |  | 2300                            | -25                         | ≥-34  | CW                      | 1.72       | 10    | Pass        |
|           |                    |  | 2584                            | -26                         | ≥-34  | CW                      | 4.66       | 10    | Pass        |
|           | 2480               | -68  | 2380                            | -31                         | ≥-34  | CW                      | 1.55       | 10    | Pass        |
|           |                    |  | 2504                            | -26                         | ≥-34  | CW                      | 4.99       | 10    | Pass        |
|           |                    |  | 2300                            | -22                         | ≥-34  | CW                      | 3.42       | 10    | Pass        |
|           |                    |  | 2584                            | -24                         | ≥-34  | CW                      | 5.30       | 10    | Pass        |

