

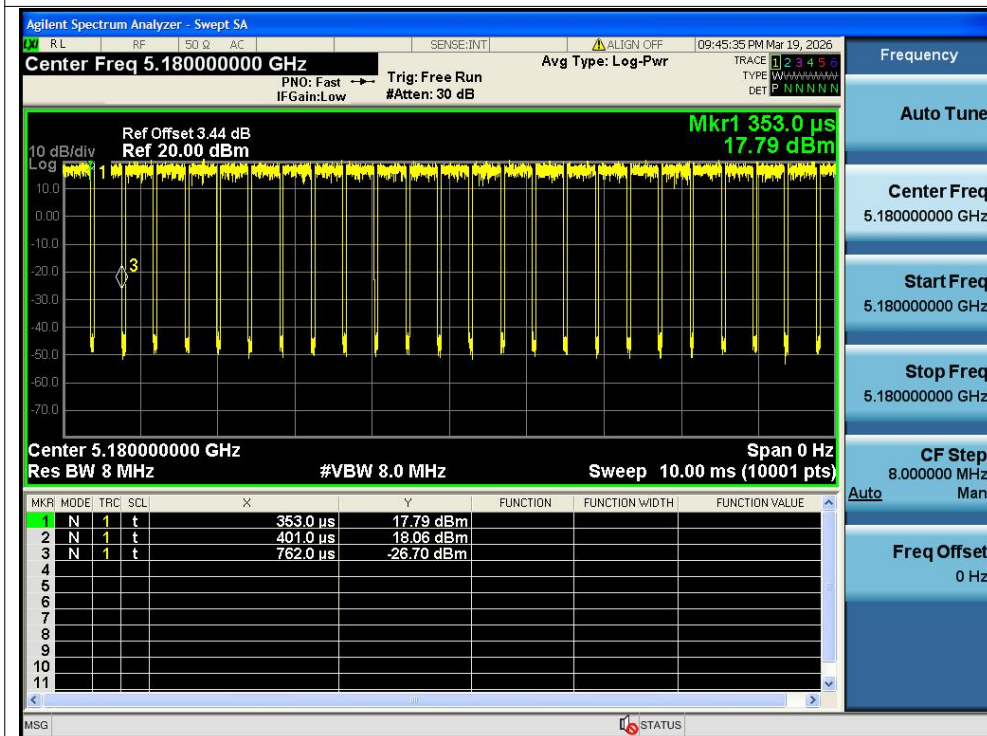
## Appendix F 5.1G WiFi

### Duty Cycle

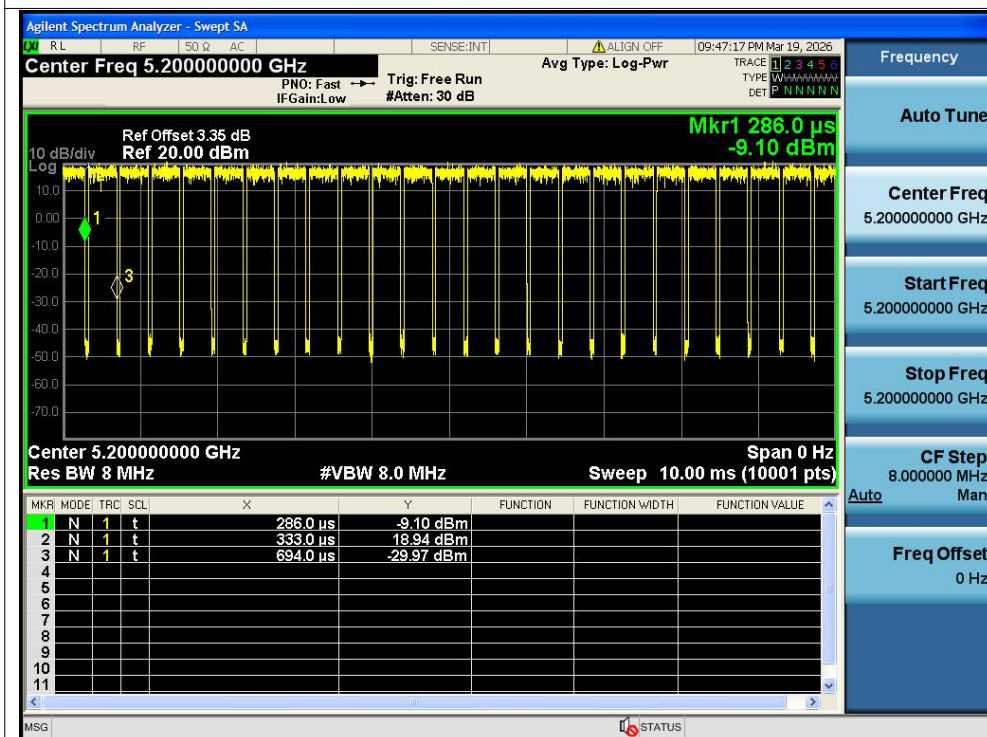
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5180            | Ant1    | 88.26          | 0.54                   | 2.77      |
| NVNT      | a    | 5200            | Ant1    | 88.48          | 0.53                   | 2.77      |
| NVNT      | a    | 5240            | Ant1    | 88.48          | 0.53                   | 2.77      |
| NVNT      | n20  | 5180            | Ant1    | 88.81          | 0.52                   | 2.68      |
| NVNT      | n20  | 5200            | Ant1    | 88.57          | 0.53                   | 2.69      |
| NVNT      | n20  | 5240            | Ant1    | 88.57          | 0.53                   | 2.69      |
| NVNT      | n40  | 5190            | Ant1    | 88.81          | 0.52                   | 2.62      |
| NVNT      | n40  | 5230            | Ant1    | 89.02          | 0.51                   | 2.62      |
| NVNT      | ax20 | 5180            | Ant1    | 88.54          | 0.53                   | 2.7       |
| NVNT      | ax20 | 5200            | Ant1    | 88.54          | 0.53                   | 2.7       |
| NVNT      | ax20 | 5240            | Ant1    | 88.54          | 0.53                   | 2.7       |
| NVNT      | ax40 | 5190            | Ant1    | 88.54          | 0.53                   | 2.7       |
| NVNT      | ax40 | 5230            | Ant1    | 88.76          | 0.52                   | 2.7       |

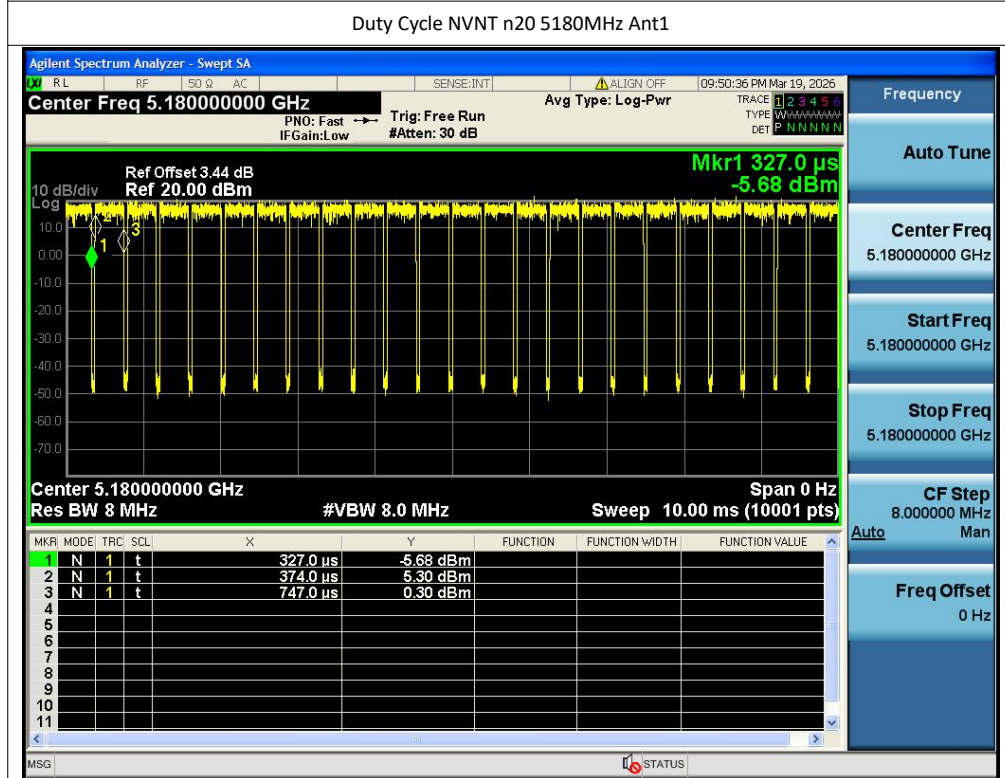
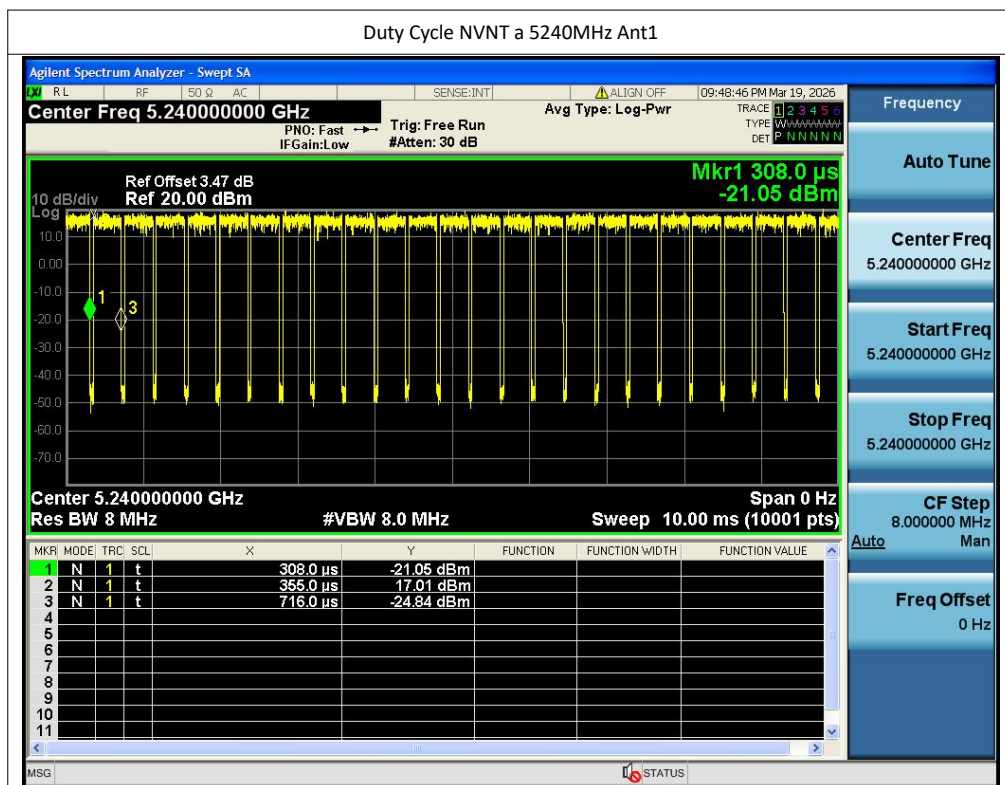
## Test Graphs

## Duty Cycle NVNT a 5180MHz Ant1

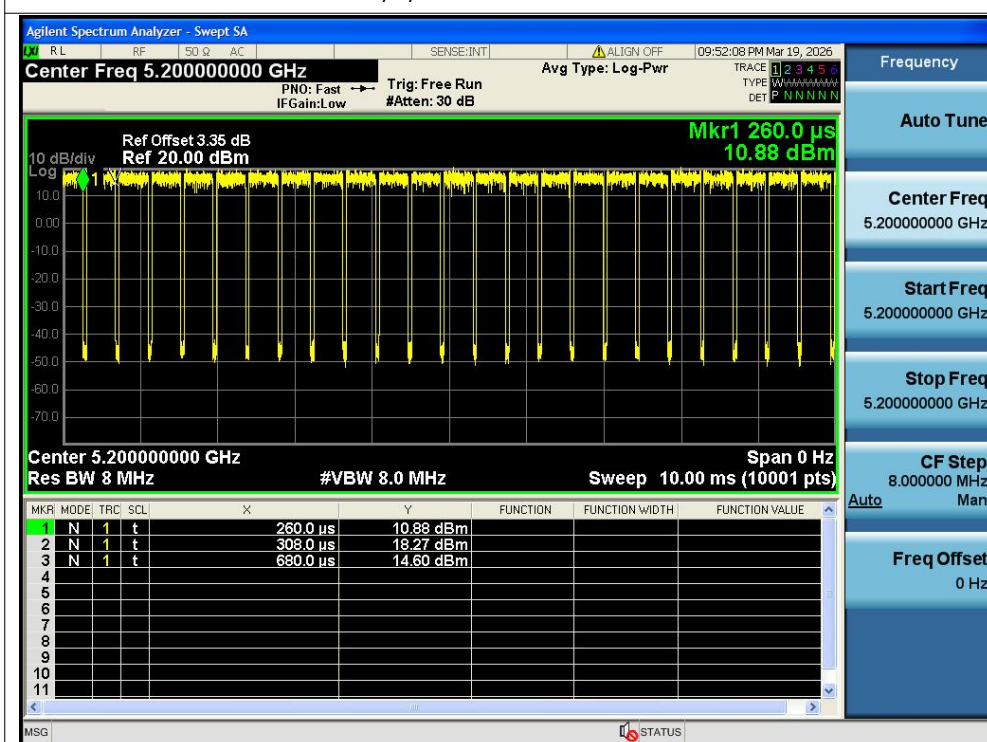


## Duty Cycle NVNT a 5200MHz Ant1

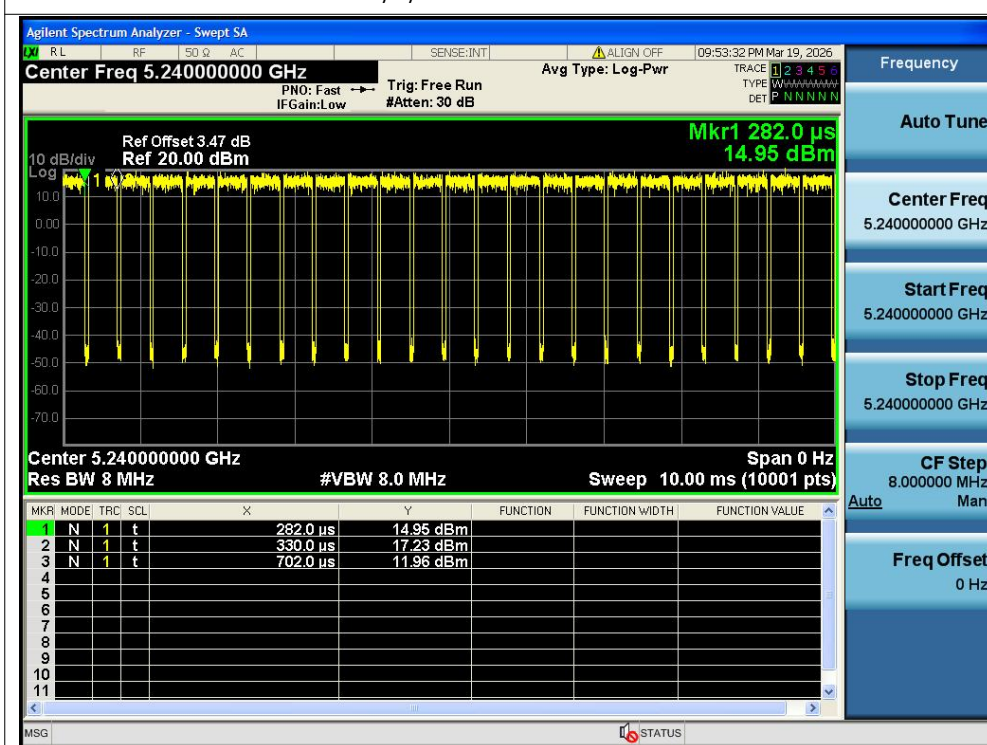




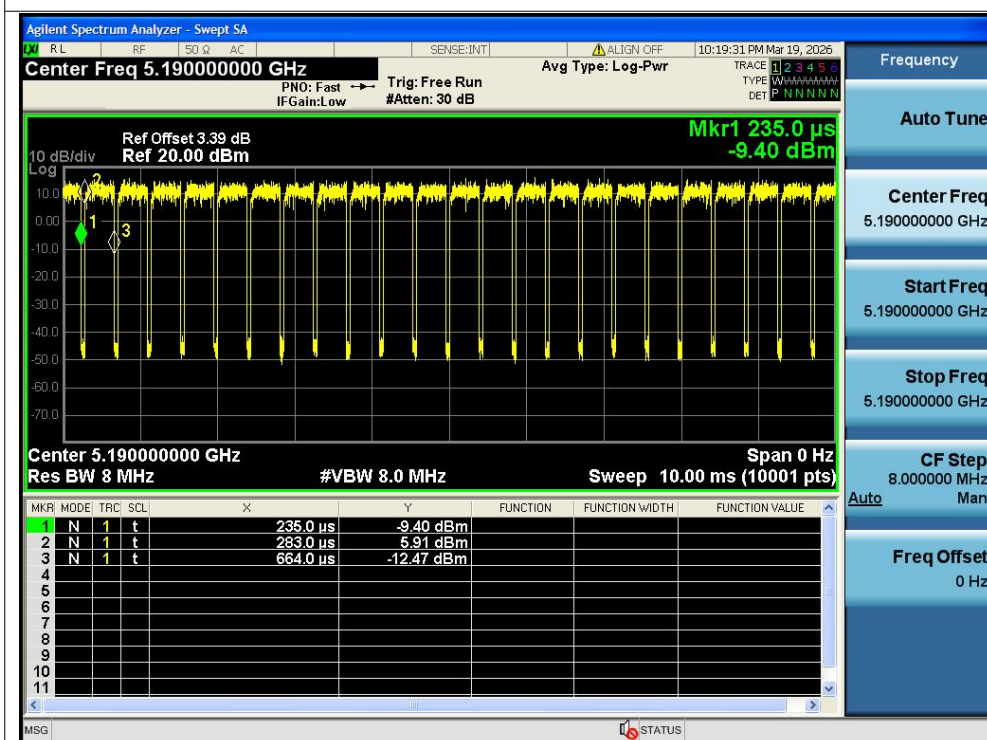
Duty Cycle NVNT n20 5200MHz Ant1



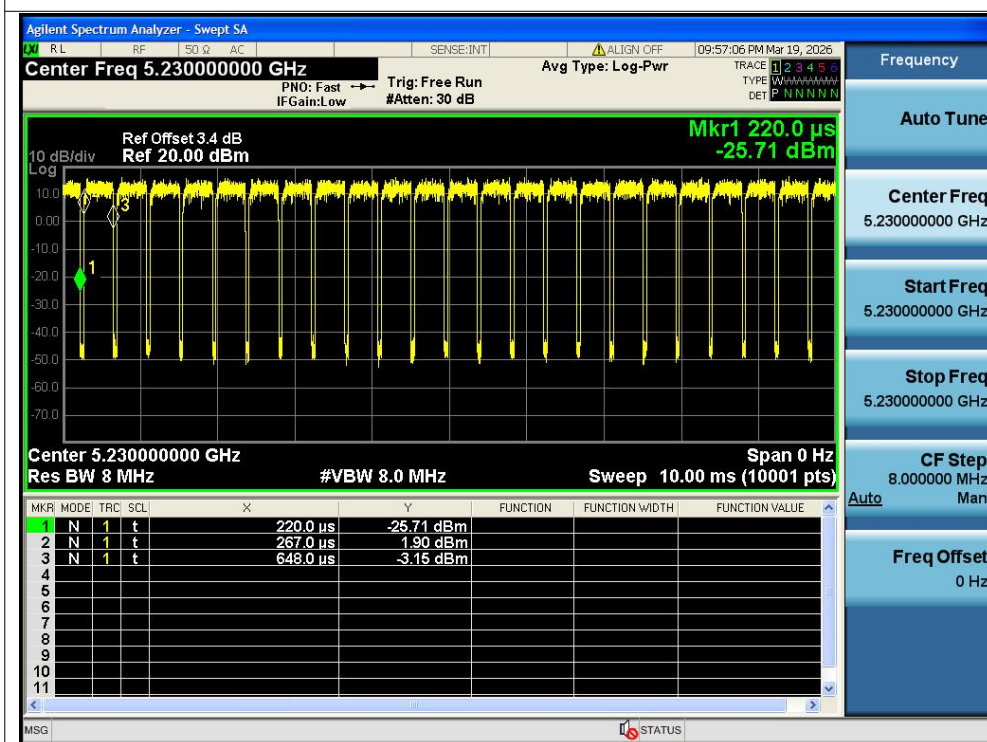
Duty Cycle NVNT n20 5240MHz Ant1

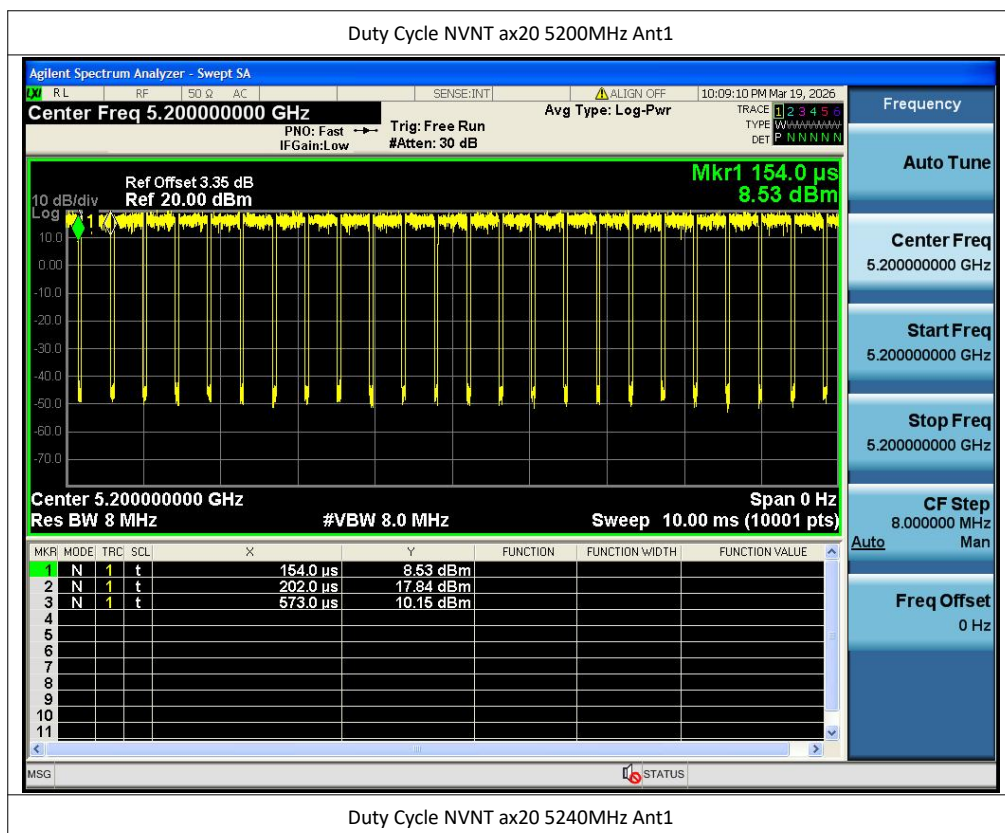
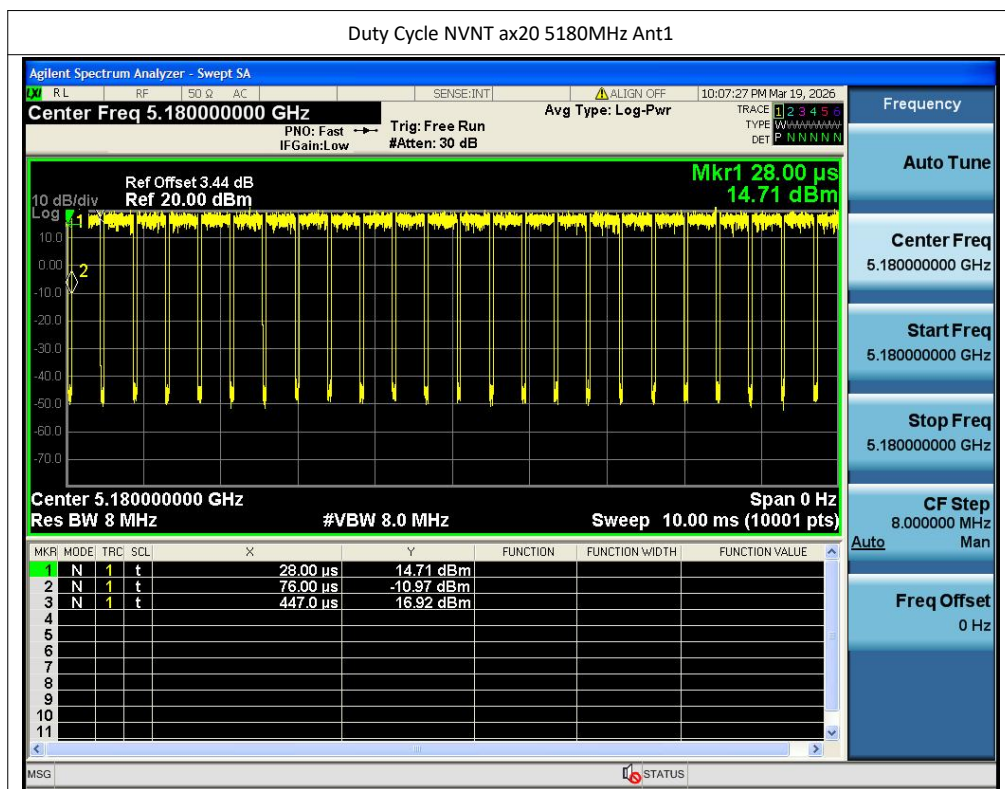


## Duty Cycle NVNT n40 5190MHz Ant1

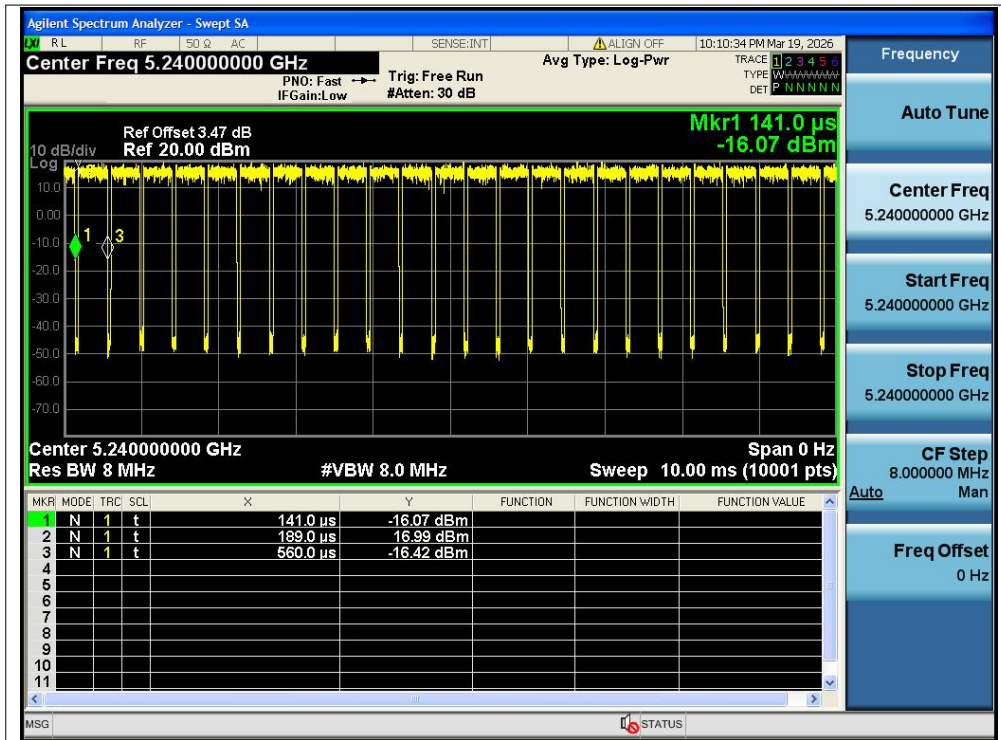


## Duty Cycle NVNT n40 5230MHz Ant1

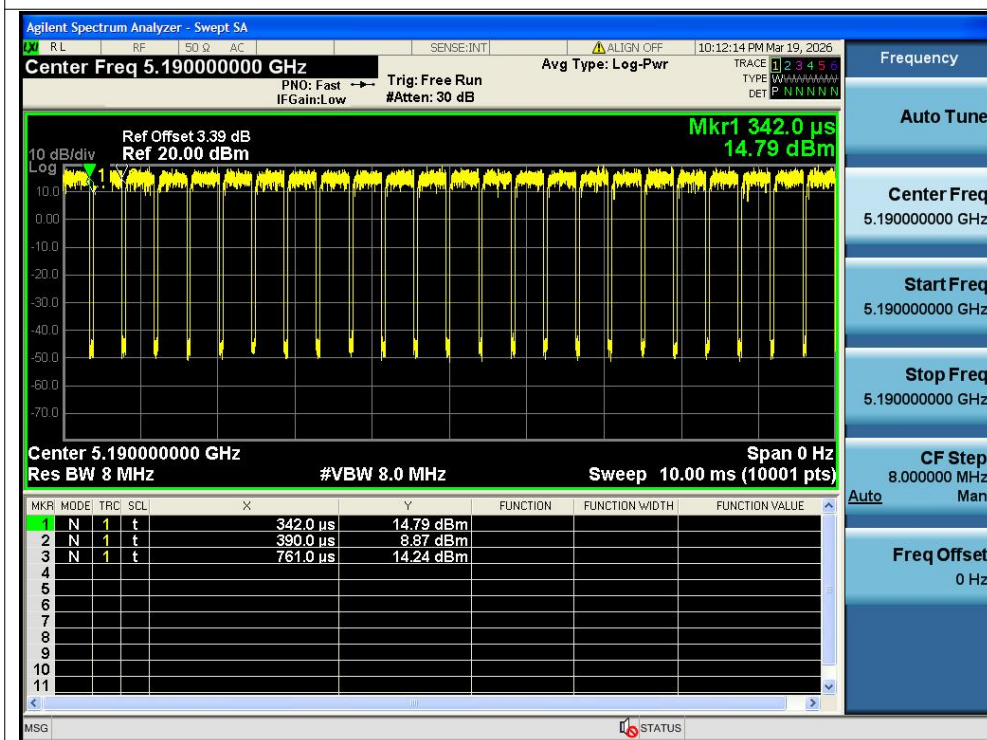




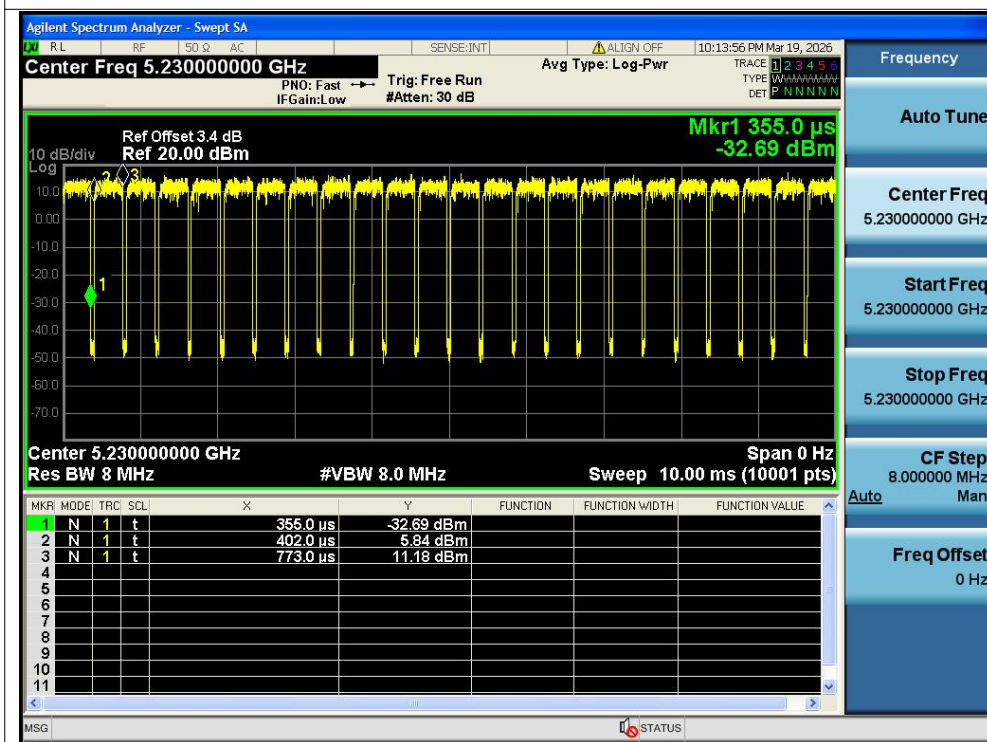
Duty Cycle NVNT ax20 5240MHz Ant1



## Duty Cycle NVNT ax40 5190MHz Ant1



## Duty Cycle NVNT ax40 5230MHz Ant1



## Maximum Conducted Output Power

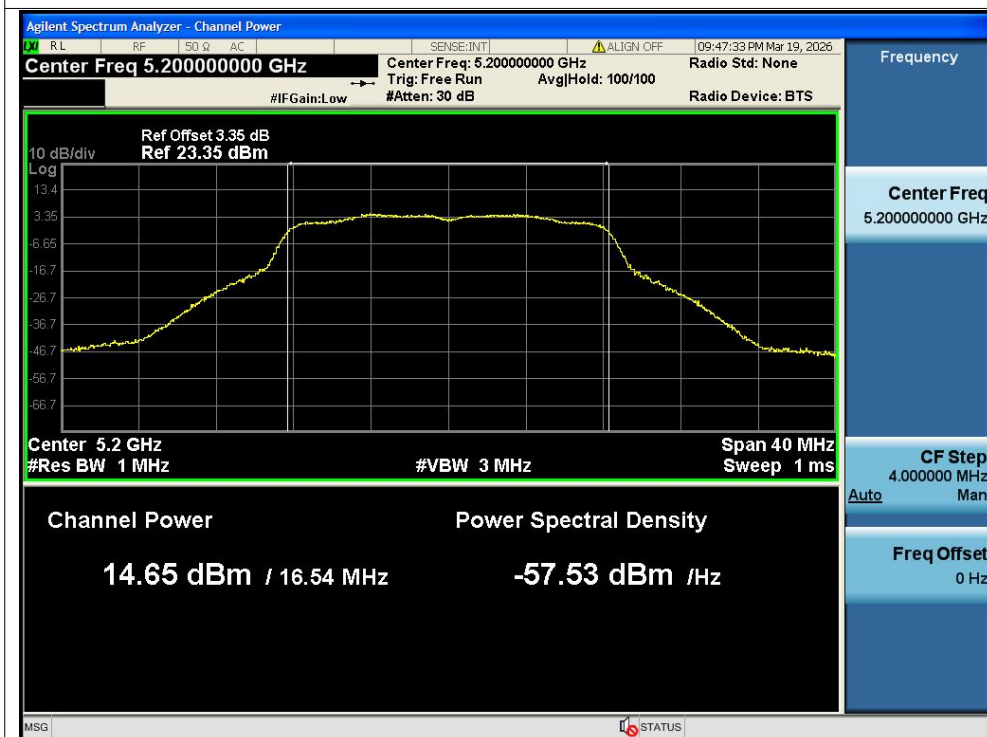
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | a    | 5180            | Ant1    | 14.76                 | 0.54             | 15.3              | 24          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 14.65                 | 0.53             | 15.18             | 24          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 13.72                 | 0.53             | 14.25             | 24          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 14.7                  | 0.52             | 15.22             | 24          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 14.54                 | 0.53             | 15.07             | 24          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 13.76                 | 0.53             | 14.29             | 24          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 14.27                 | 0.52             | 14.79             | 24          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 13.46                 | 0.51             | 13.97             | 24          | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 14.72                 | 0.53             | 15.25             | 24          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 14.7                  | 0.53             | 15.23             | 24          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 13.88                 | 0.53             | 14.41             | 24          | Pass    |
| NVNT      | ax40 | 5190            | Ant1    | 14.06                 | 0.53             | 14.59             | 24          | Pass    |
| NVNT      | ax40 | 5230            | Ant1    | 13.24                 | 0.52             | 13.76             | 24          | Pass    |

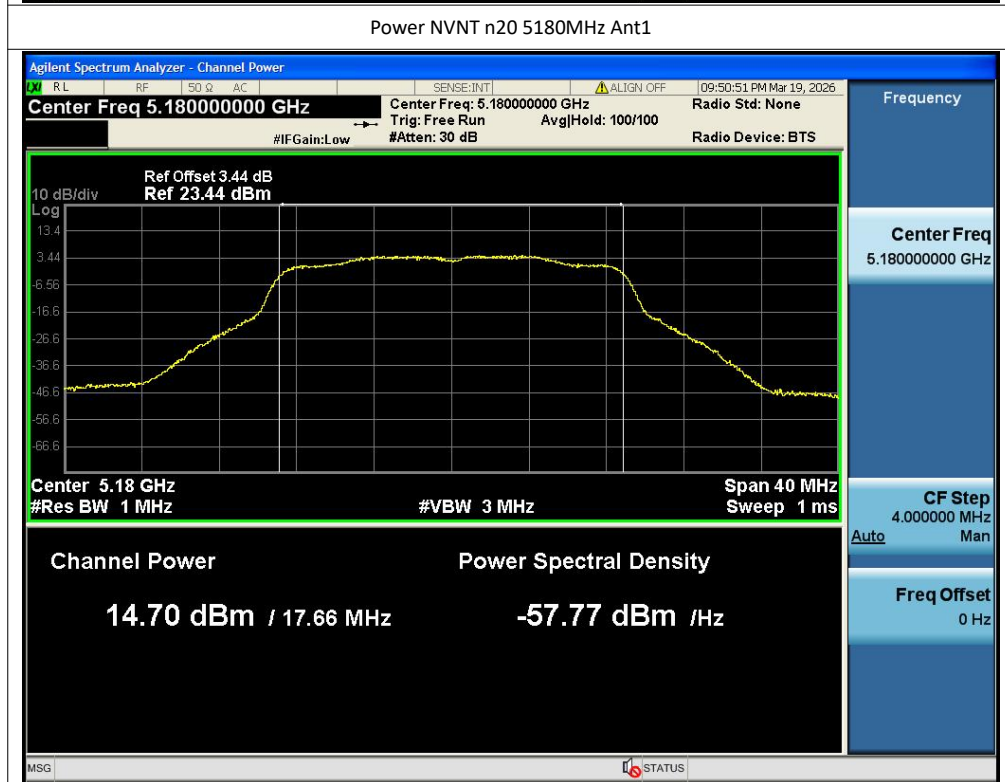
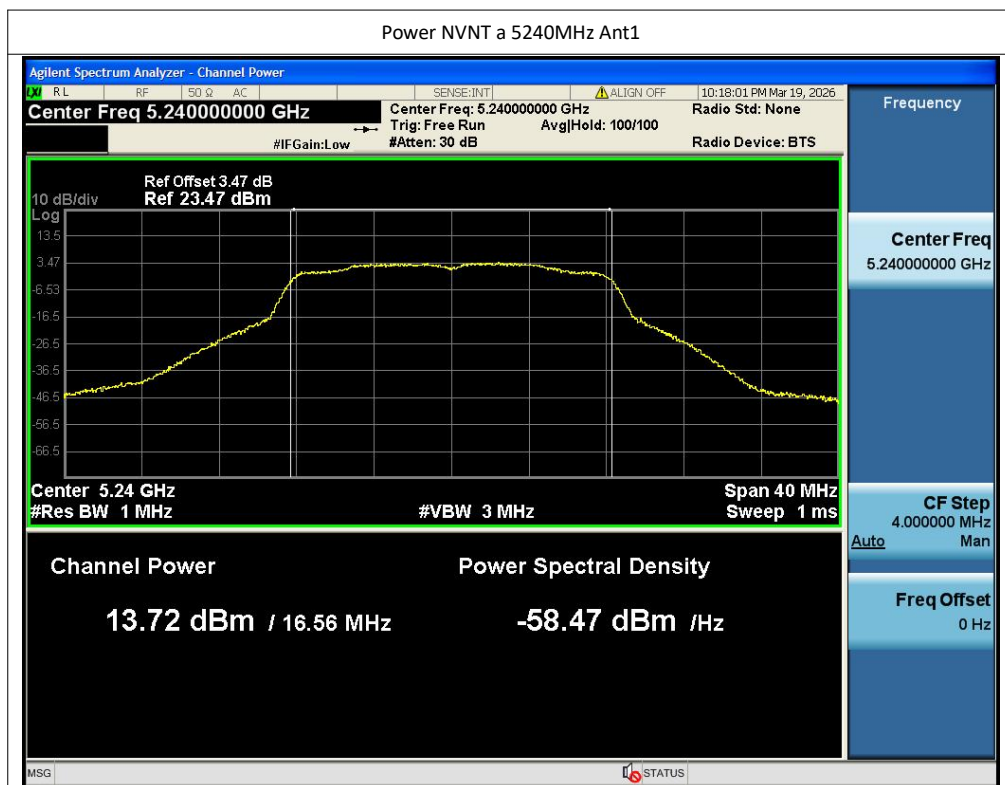
## Test Graphs

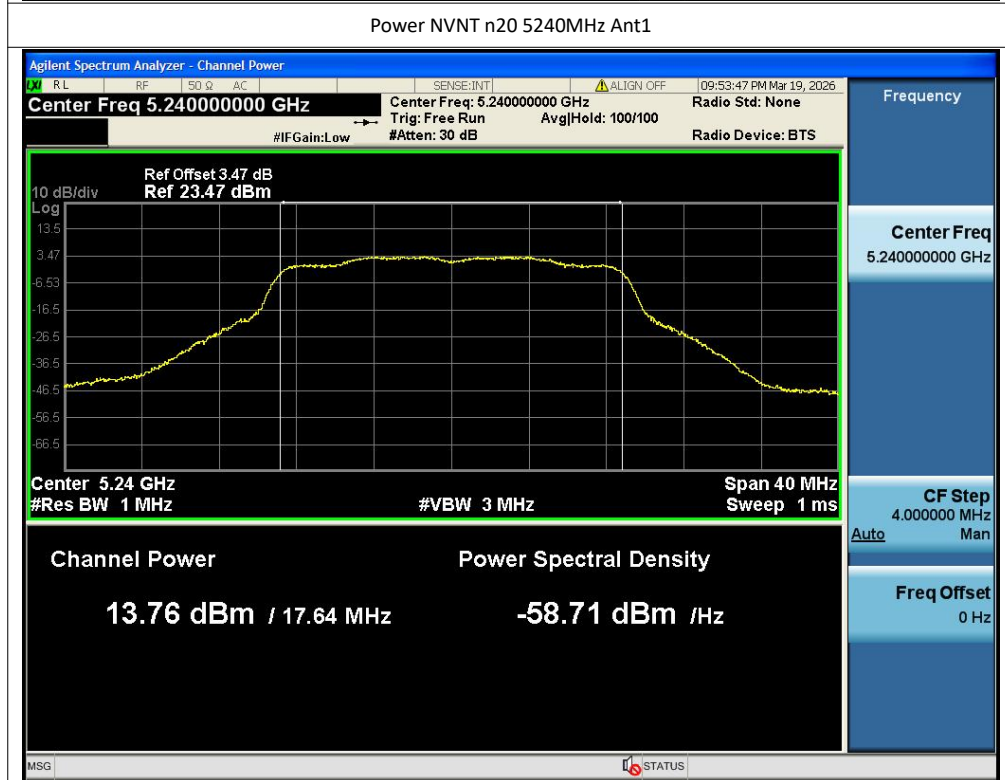
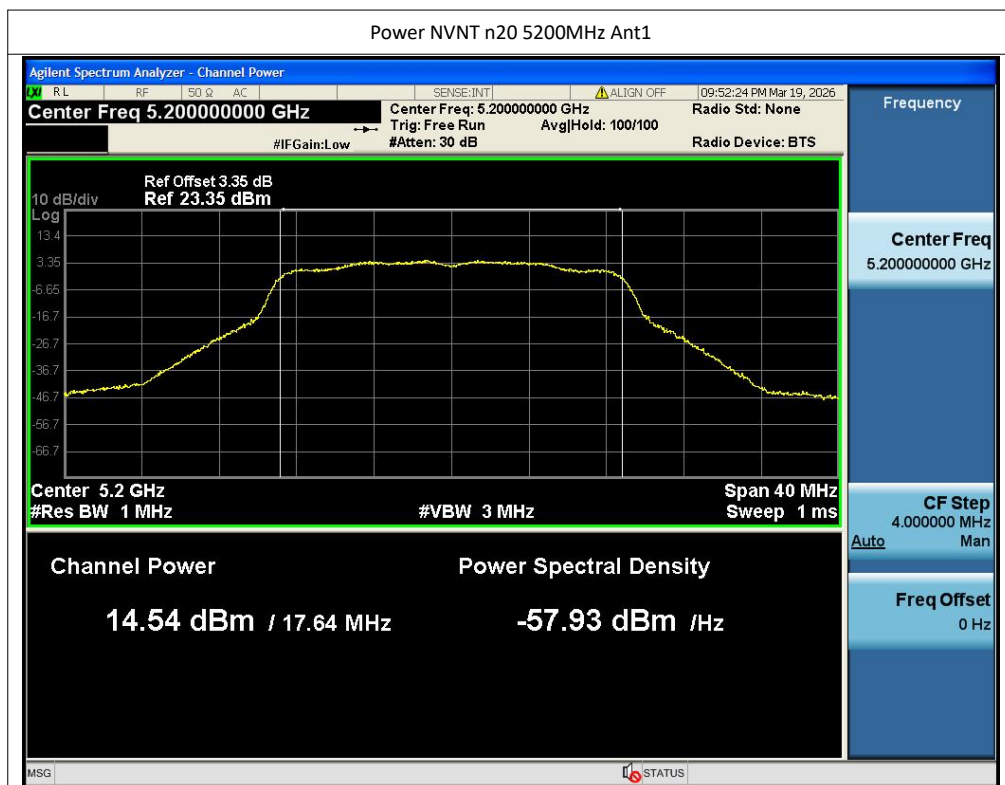
## Power NVNT a 5180MHz Ant1

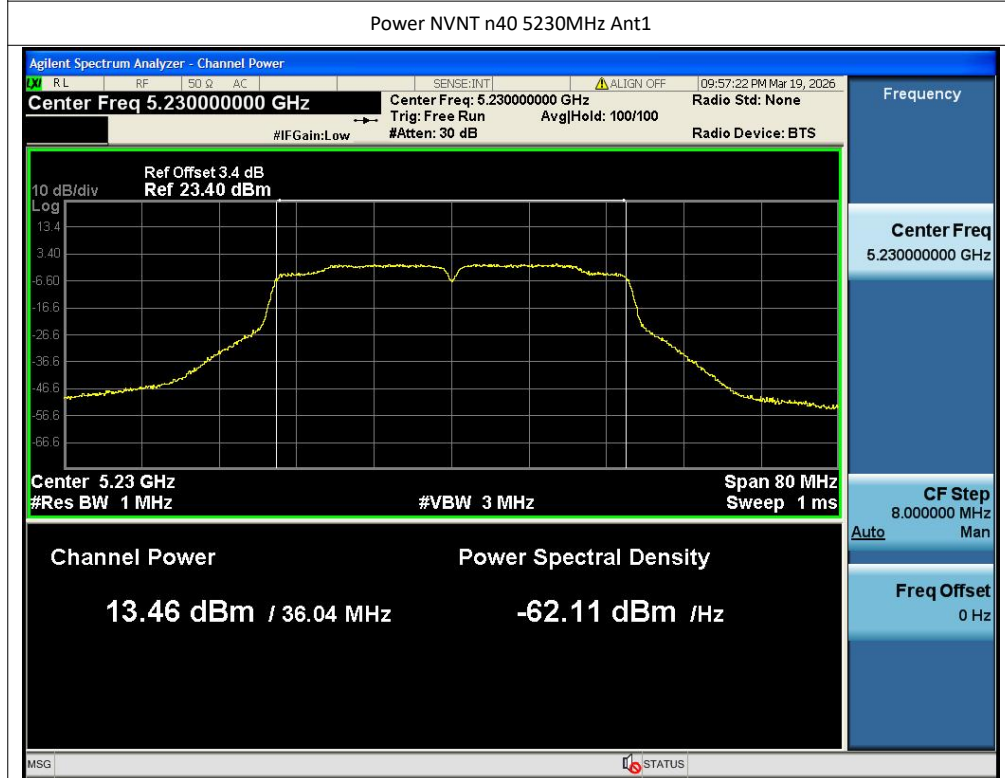
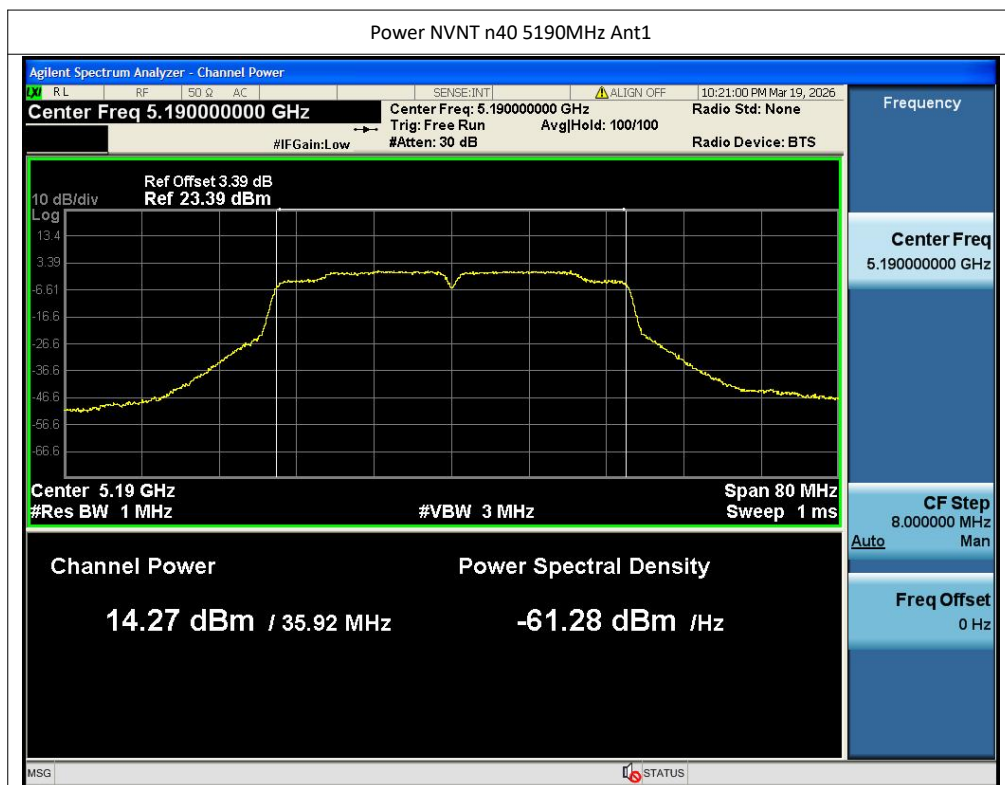


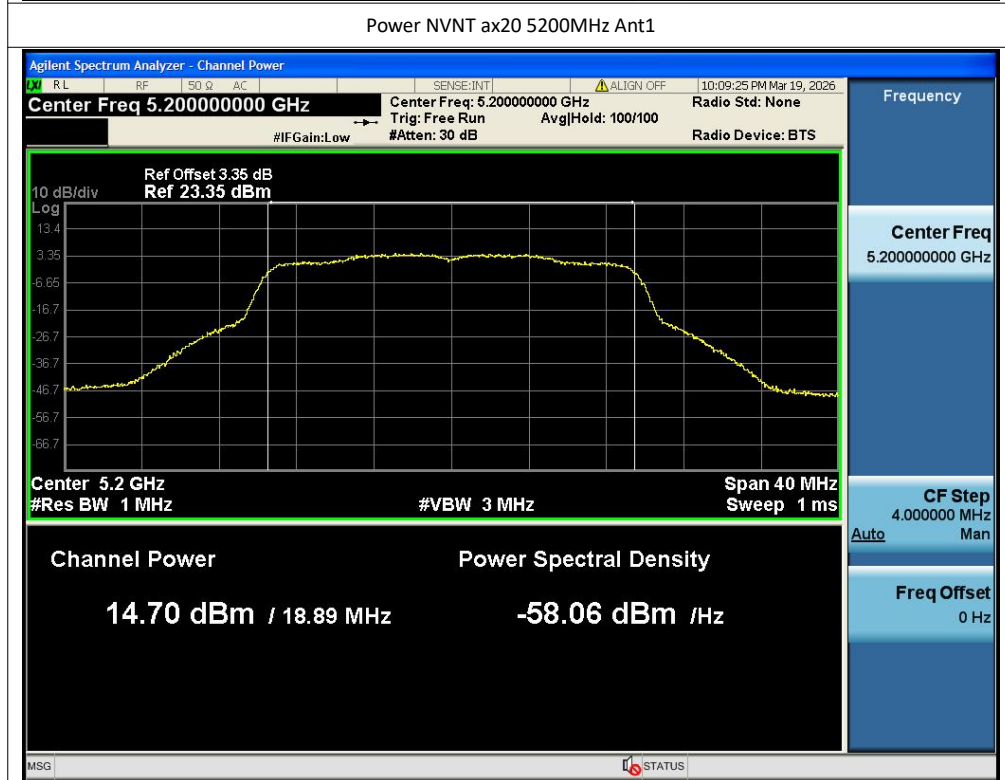
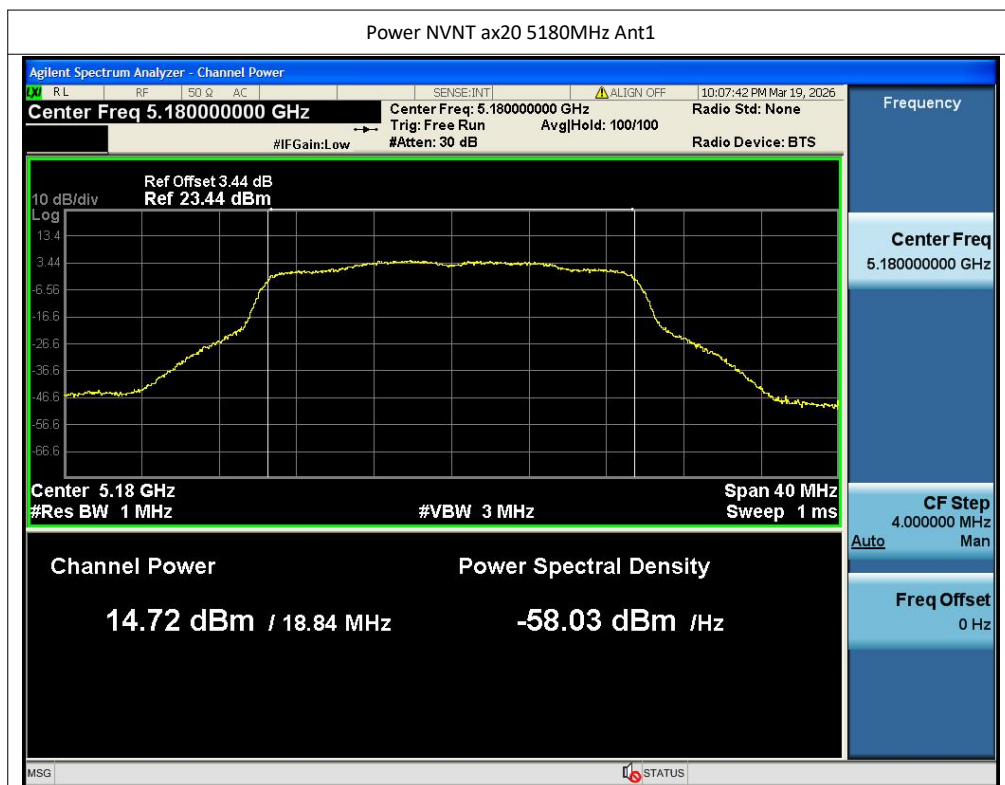
## Power NVNT a 5200MHz Ant1

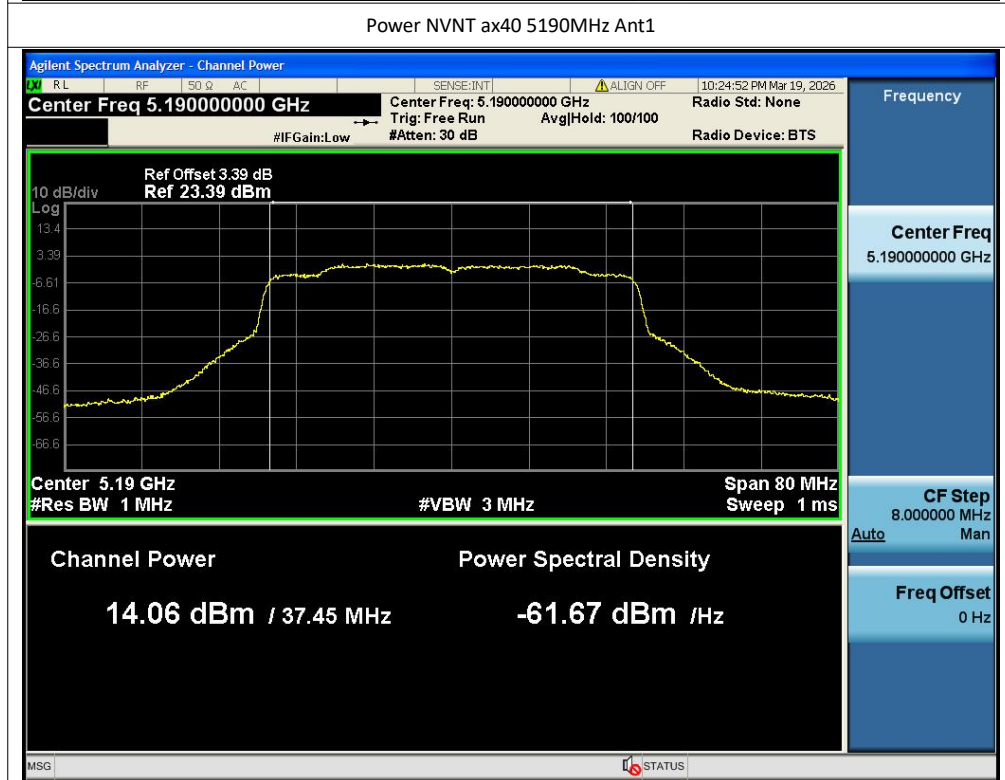
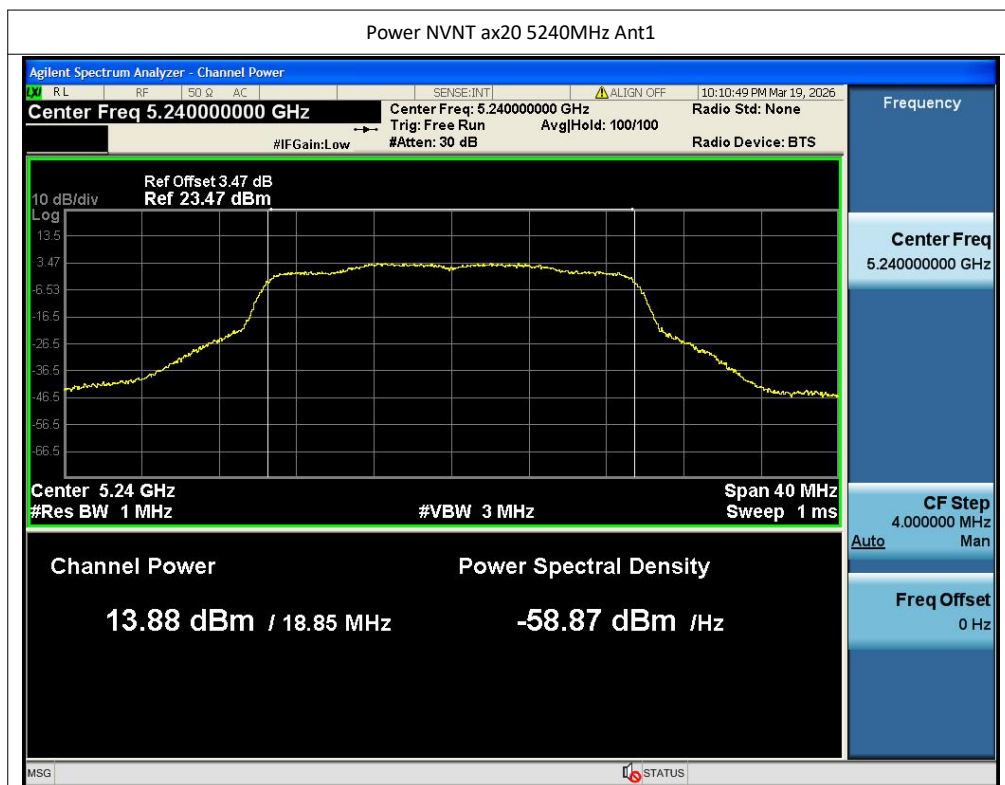


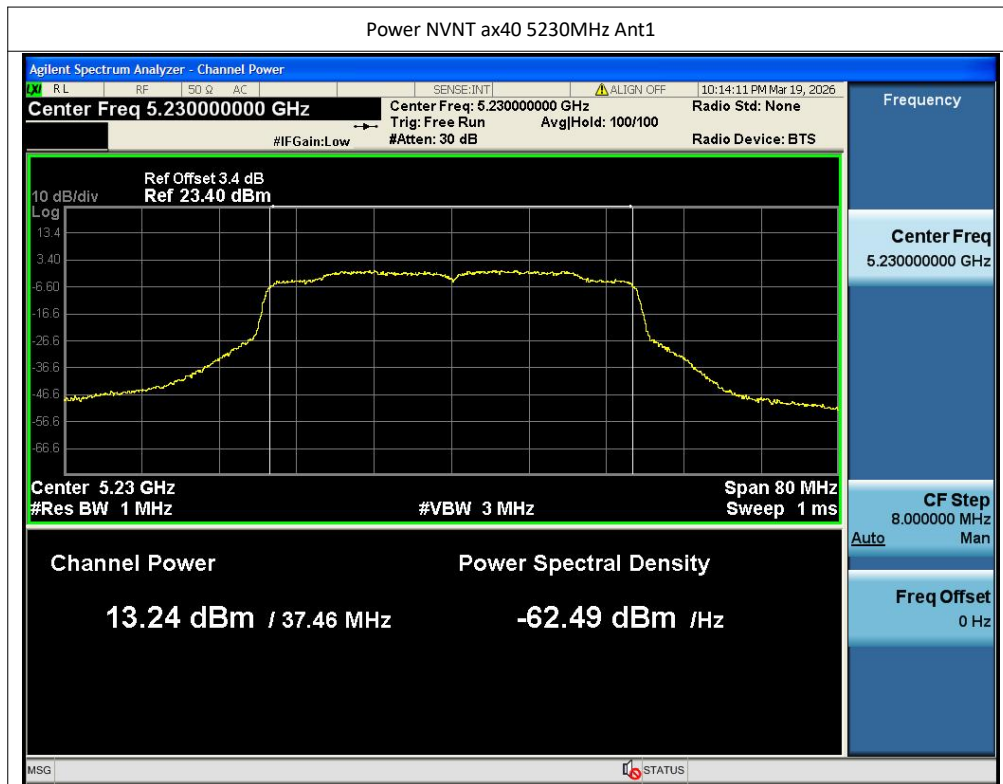












## -26dB Bandwidth

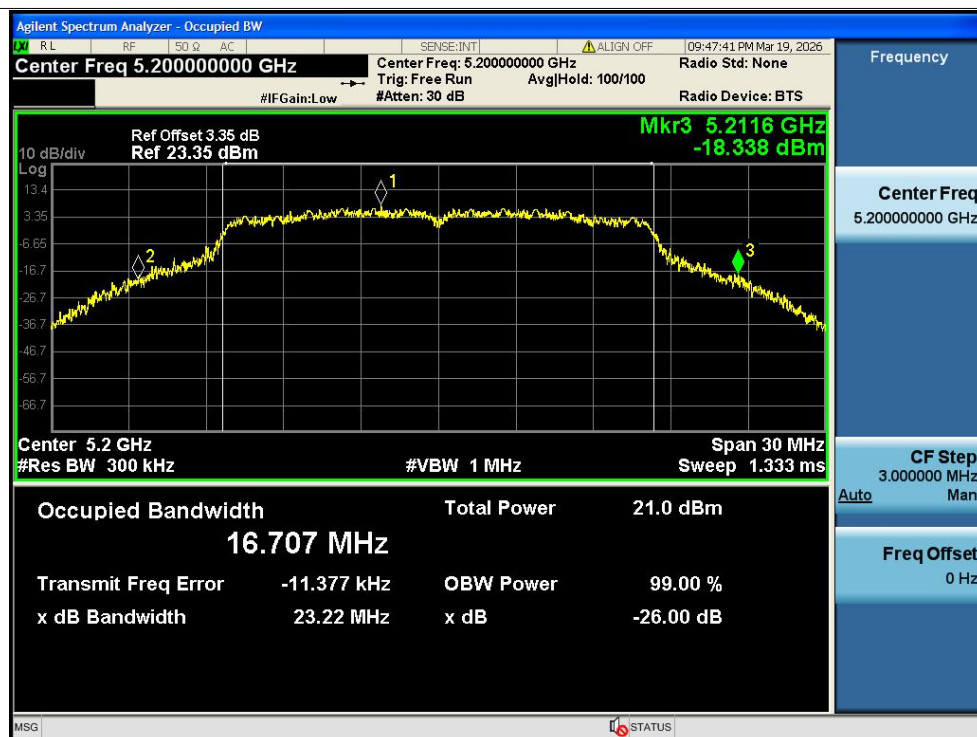
| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Limit -26 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | a    | 5180            | Ant1    | 23.4                   | 0.5                          | Pass    |
| NVNT      | a    | 5200            | Ant1    | 23.22                  | 0.5                          | Pass    |
| NVNT      | a    | 5240            | Ant1    | 23.84                  | 0.5                          | Pass    |
| NVNT      | n20  | 5180            | Ant1    | 23.42                  | 0.5                          | Pass    |
| NVNT      | n20  | 5200            | Ant1    | 23.55                  | 0.5                          | Pass    |
| NVNT      | n20  | 5240            | Ant1    | 23.84                  | 0.5                          | Pass    |
| NVNT      | n40  | 5190            | Ant1    | 42.65                  | 0.5                          | Pass    |
| NVNT      | n40  | 5230            | Ant1    | 42.97                  | 0.5                          | Pass    |
| NVNT      | ax20 | 5180            | Ant1    | 23.51                  | 0.5                          | Pass    |
| NVNT      | ax20 | 5200            | Ant1    | 23.43                  | 0.5                          | Pass    |
| NVNT      | ax20 | 5240            | Ant1    | 22.88                  | 0.5                          | Pass    |
| NVNT      | ax40 | 5190            | Ant1    | 42.33                  | 0.5                          | Pass    |
| NVNT      | ax40 | 5230            | Ant1    | 43.18                  | 0.5                          | Pass    |

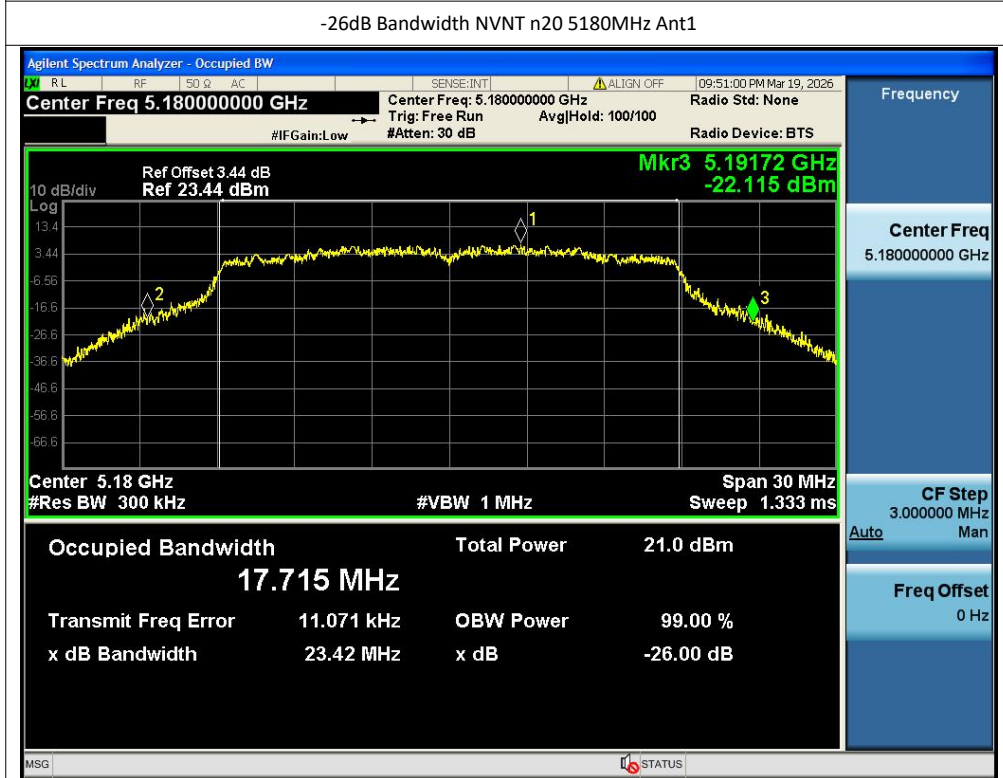
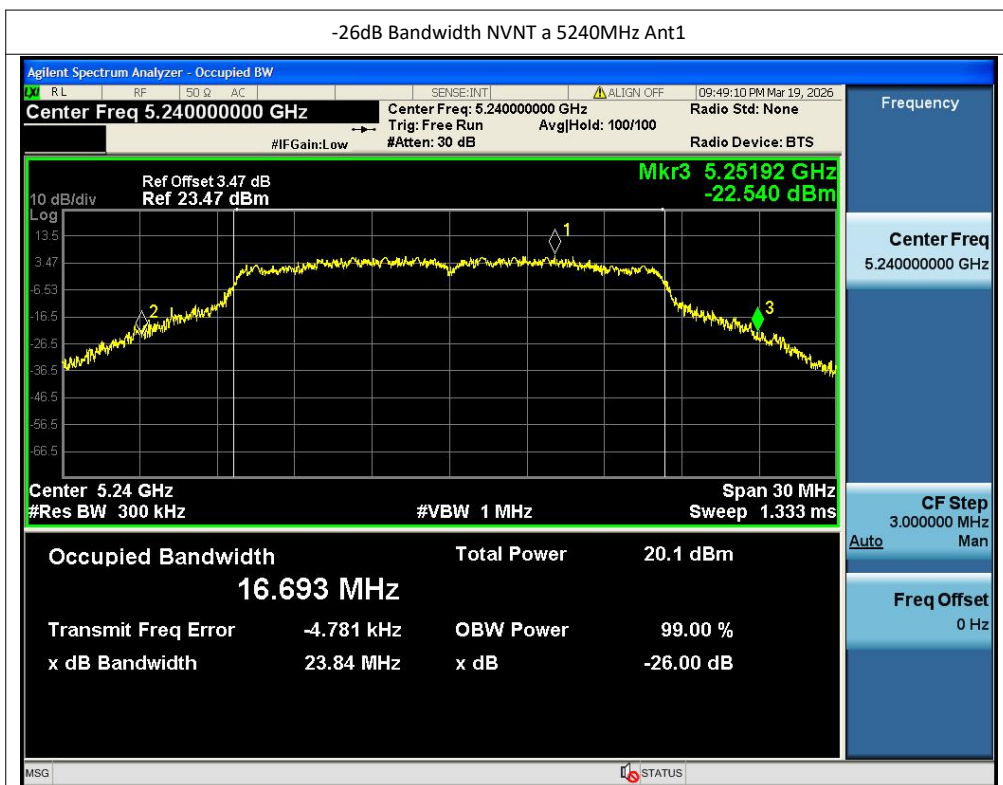
## Test Graphs

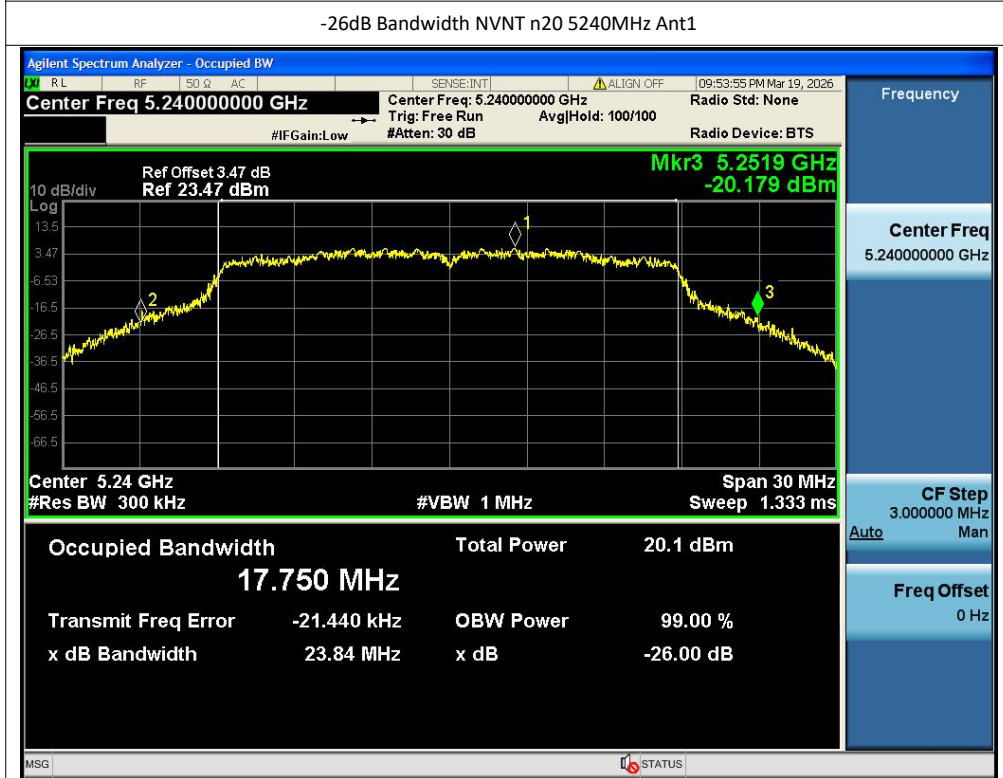
-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1







## -26dB Bandwidth NVNT n40 5190MHz Ant1



## -26dB Bandwidth NVNT n40 5230MHz Ant1



