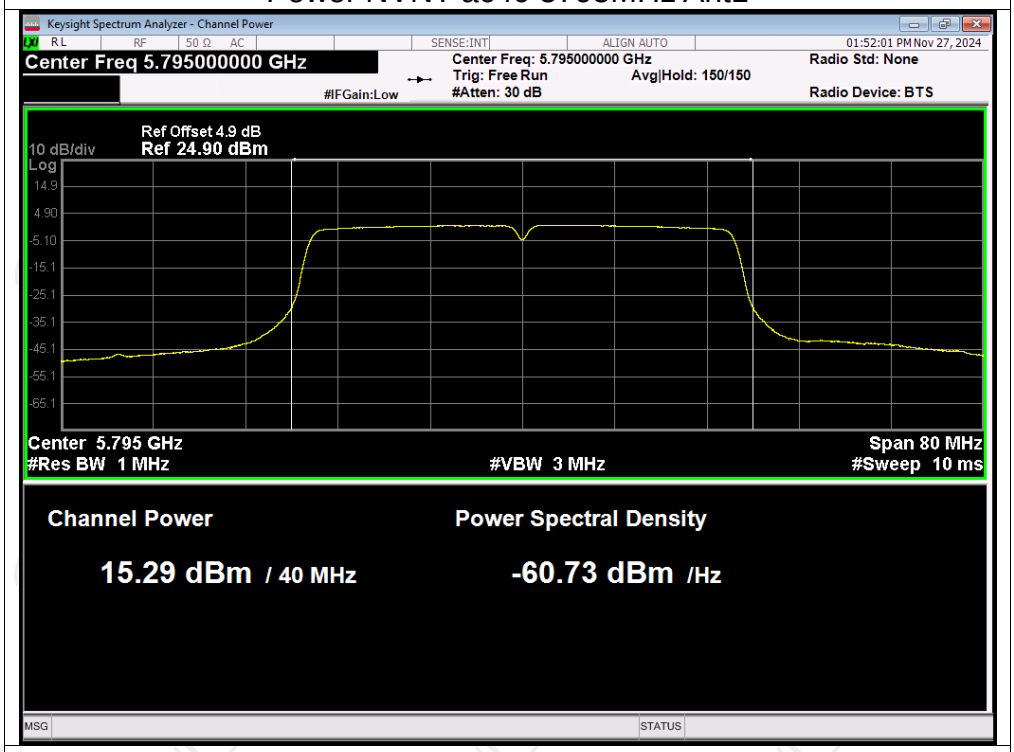
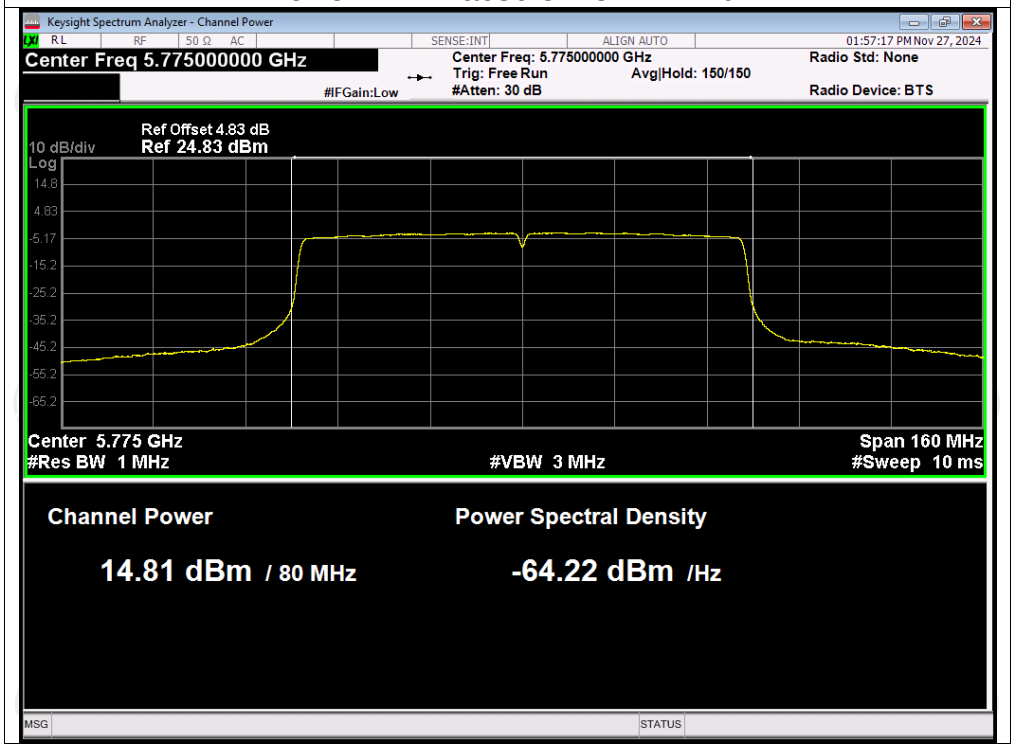
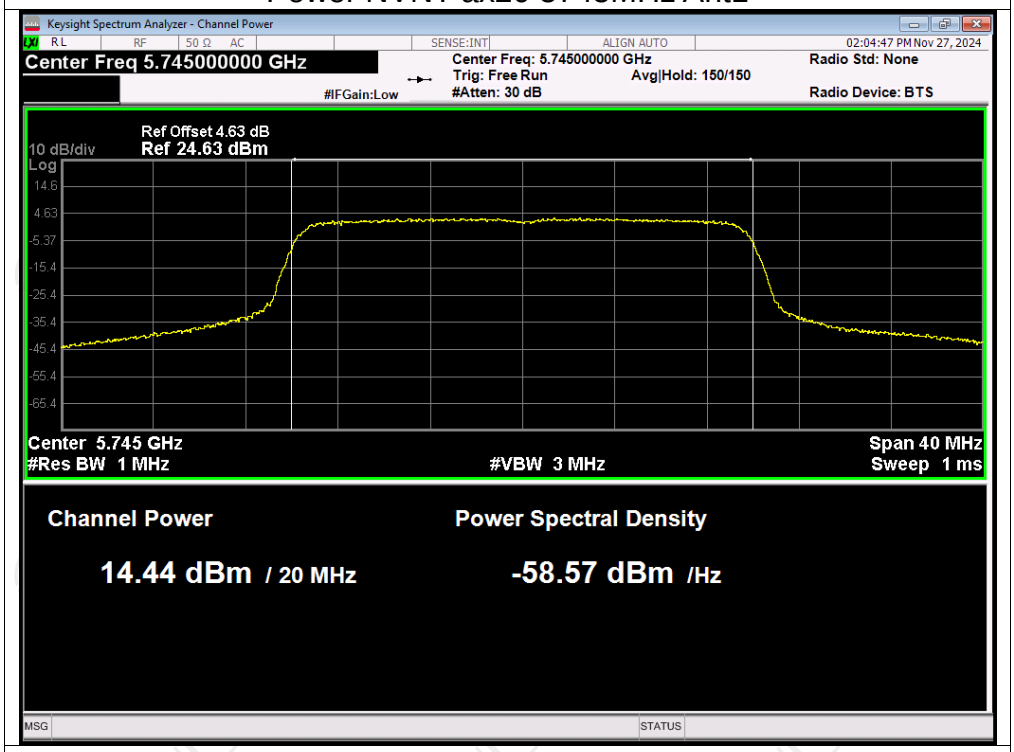
Power NVNT ac40 5795MHz Ant1



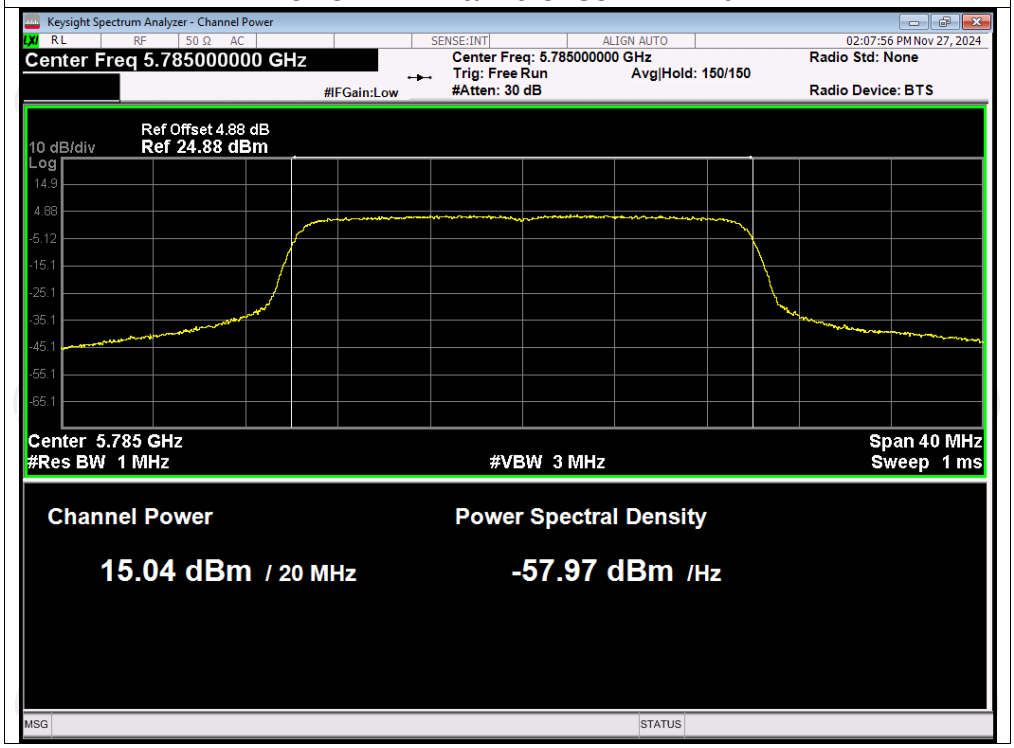

Power NVNT ac80 5775MHz Ant1



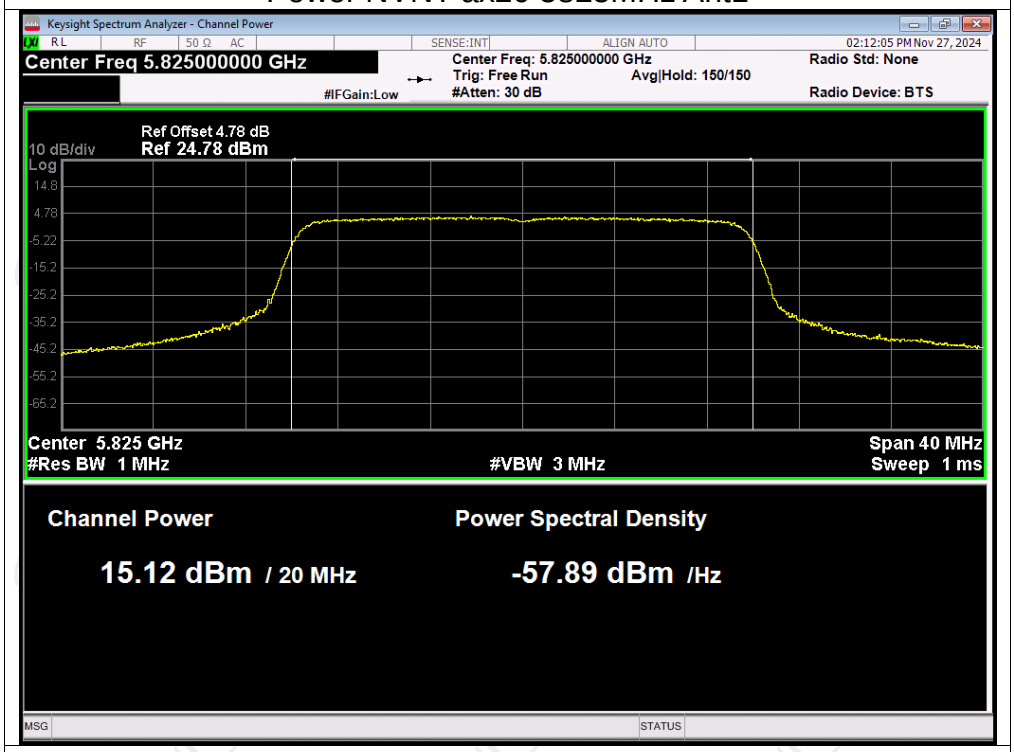
Power NVNT ax20 5745MHz Ant1



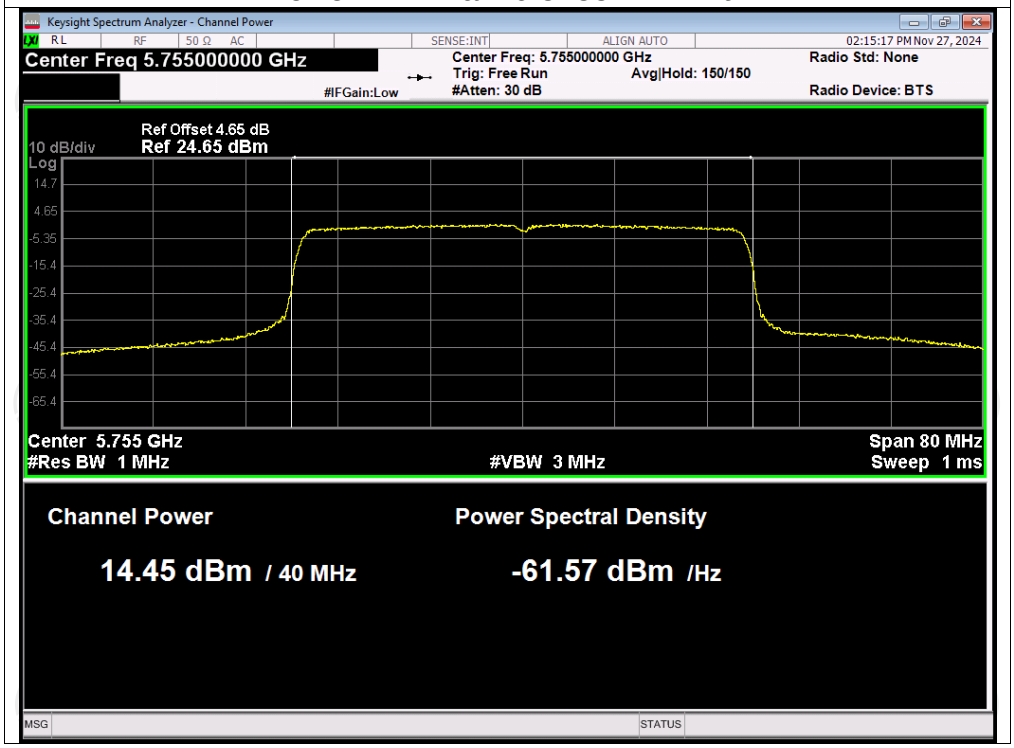

Power NVNT ax20 5785MHz Ant1



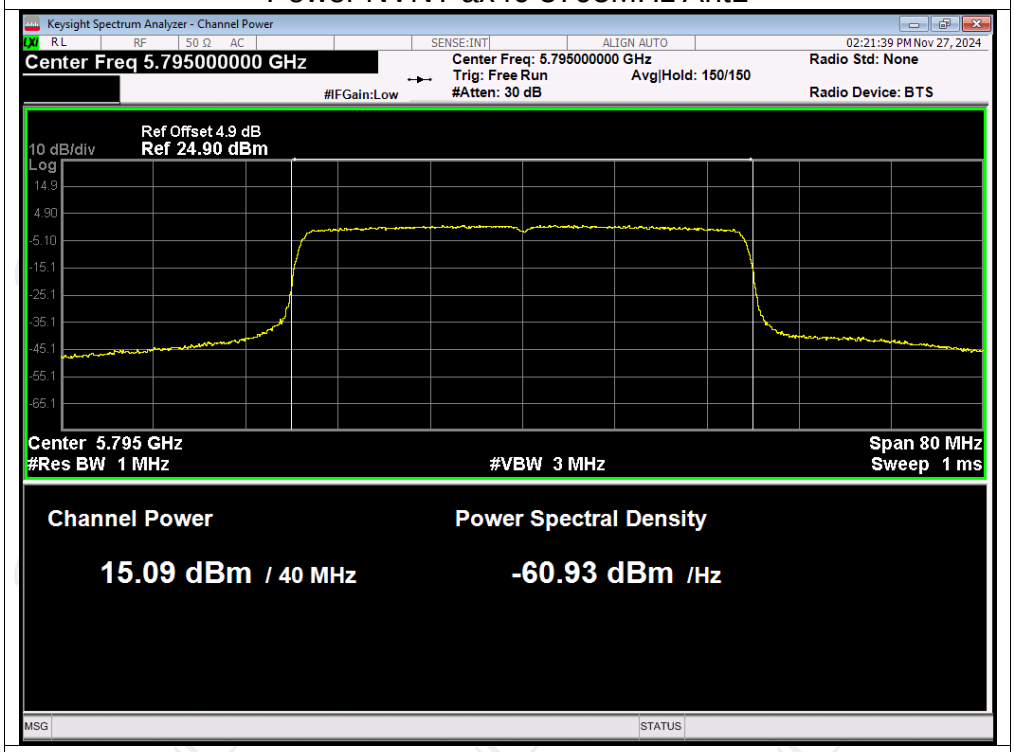
Power NVNT ax20 5825MHz Ant1



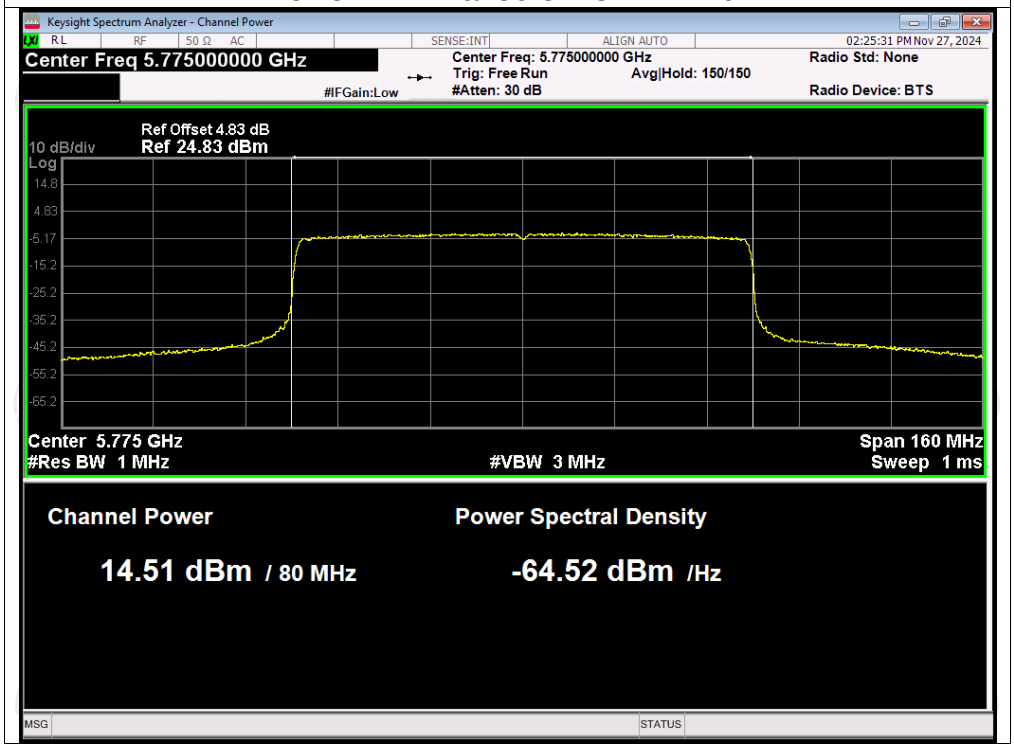

Power NVNT ax40 5755MHz Ant1



Power NVNT ax40 5795MHz Ant1




Power NVNT ax80 5775MHz Ant1



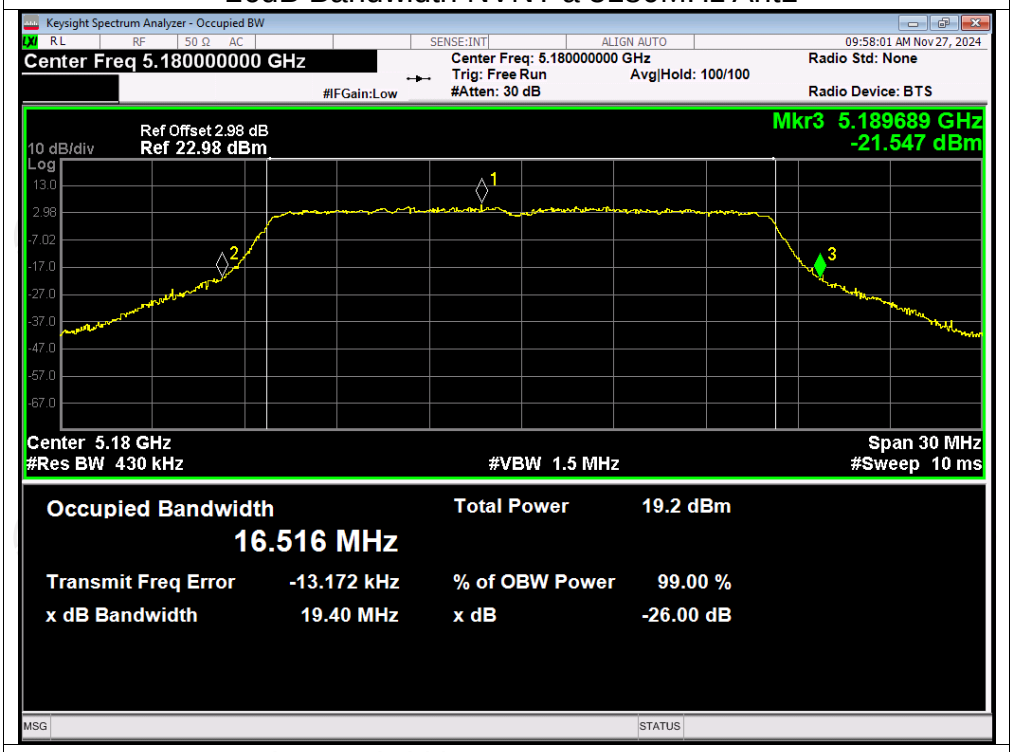
## -26dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -26 dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|
| NVNT | a | 5180 | Ant1 | 19.403 | Pass |
| NVNT | a | 5200 | Ant1 | 19.276 | Pass |
| NVNT | a | 5240 | Ant1 | 19.308 | Pass |
| NVNT | n20 | 5180 | Ant1 | 20.442 | Pass |
| NVNT | n20 | 5200 | Ant1 | 20.605 | Pass |
| NVNT | n20 | 5240 | Ant1 | 20.375 | Pass |
| NVNT | n40 | 5190 | Ant1 | 40.034 | Pass |
| NVNT | n40 | 5230 | Ant1 | 39.630 | Pass |
| NVNT | ac20 | 5180 | Ant1 | 20.511 | Pass |
| NVNT | ac20 | 5200 | Ant1 | 20.634 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 20.513 | Pass |
| NVNT | ac40 | 5190 | Ant1 | 40.077 | Pass |
| NVNT | ac40 | 5230 | Ant1 | 40.142 | Pass |
| NVNT | ac80 | 5210 | Ant1 | 81.908 | Pass |
| NVNT | ax20 | 5180 | Ant1 | 20.902 | Pass |
| NVNT | ax20 | 5200 | Ant1 | 20.857 | Pass |
| NVNT | ax20 | 5240 | Ant1 | 20.827 | Pass |
| NVNT | ax40 | 5190 | Ant1 | 40.257 | Pass |
| NVNT | ax40 | 5230 | Ant1 | 40.237 | Pass |
| NVNT | ax80 | 5210 | Ant1 | 80.606 | Pass |

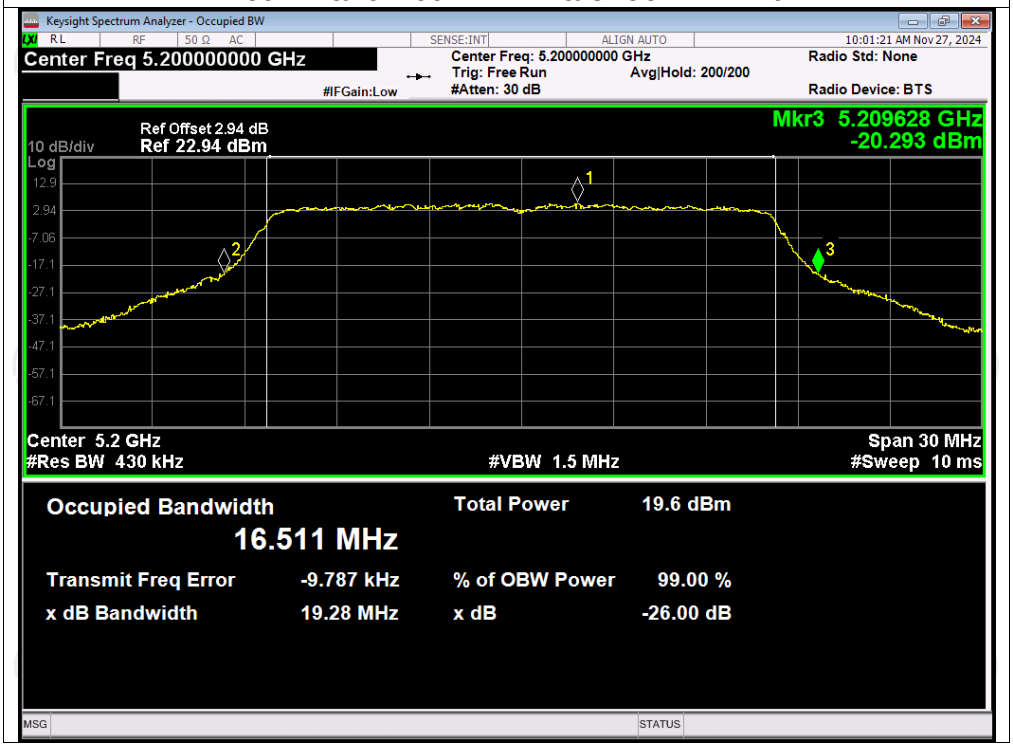

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

## Test Graphs

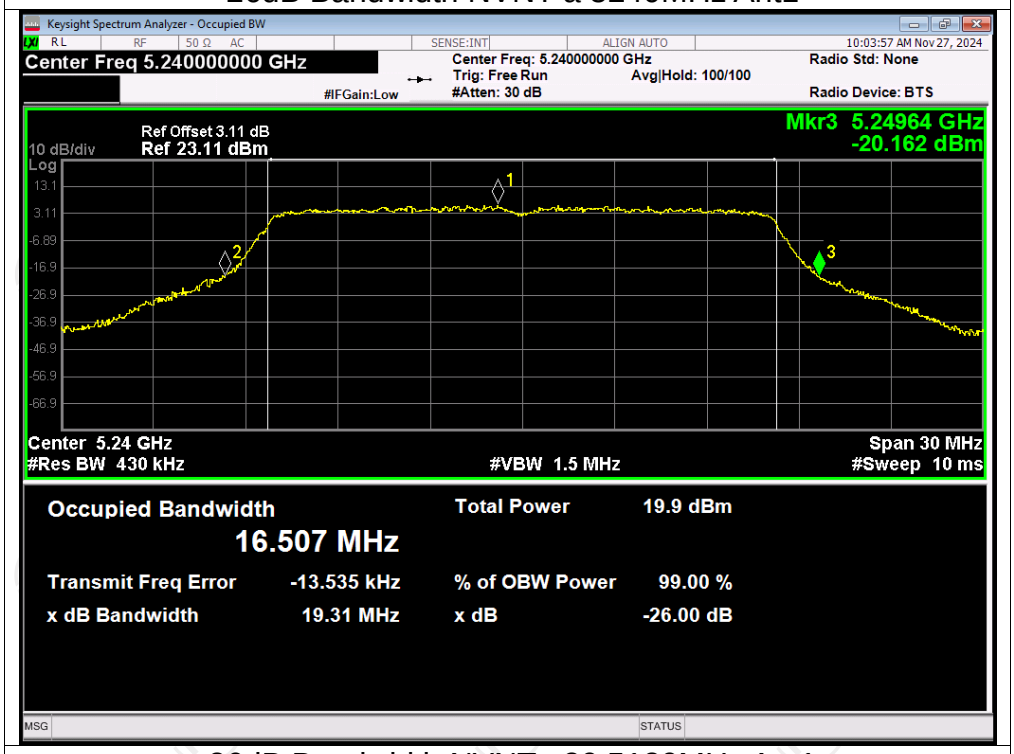
### -26dB Bandwidth NVNT a 5180MHz Ant1



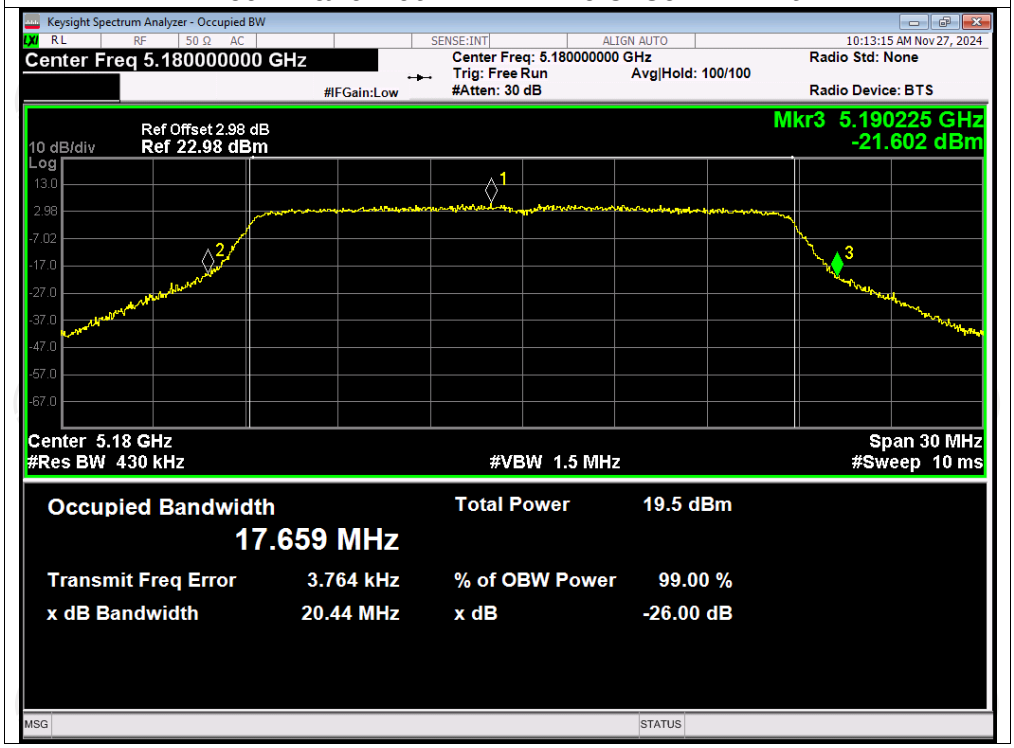

### -26dB Bandwidth NVNT a 5200MHz Ant1



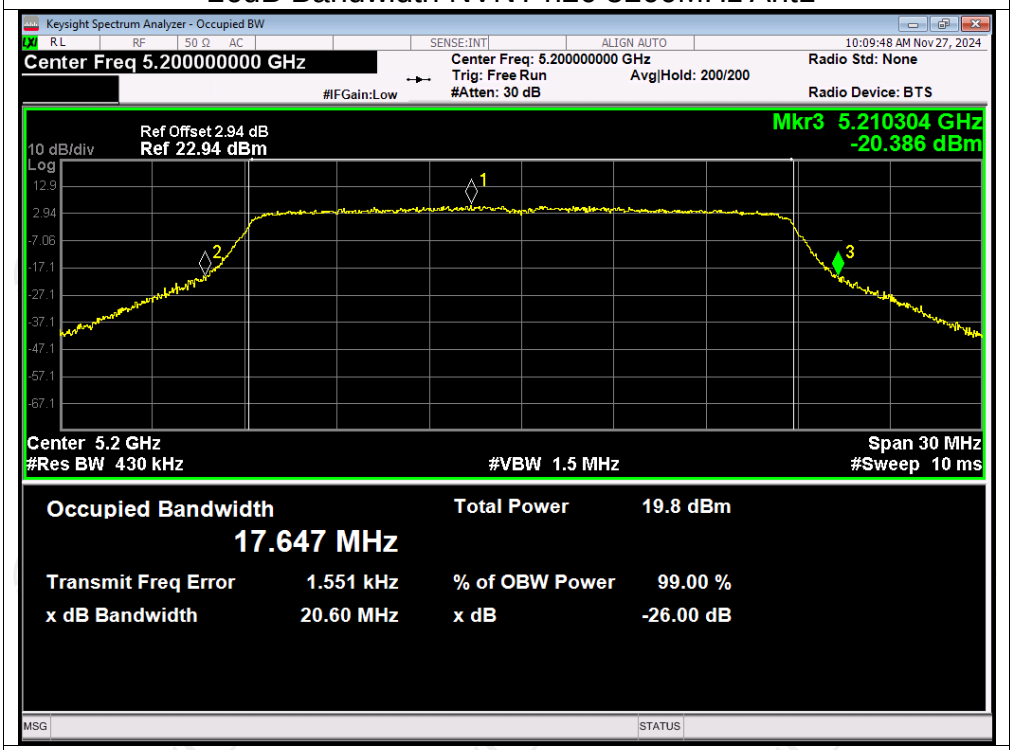
-26dB Bandwidth NVNT a 5240MHz Ant1



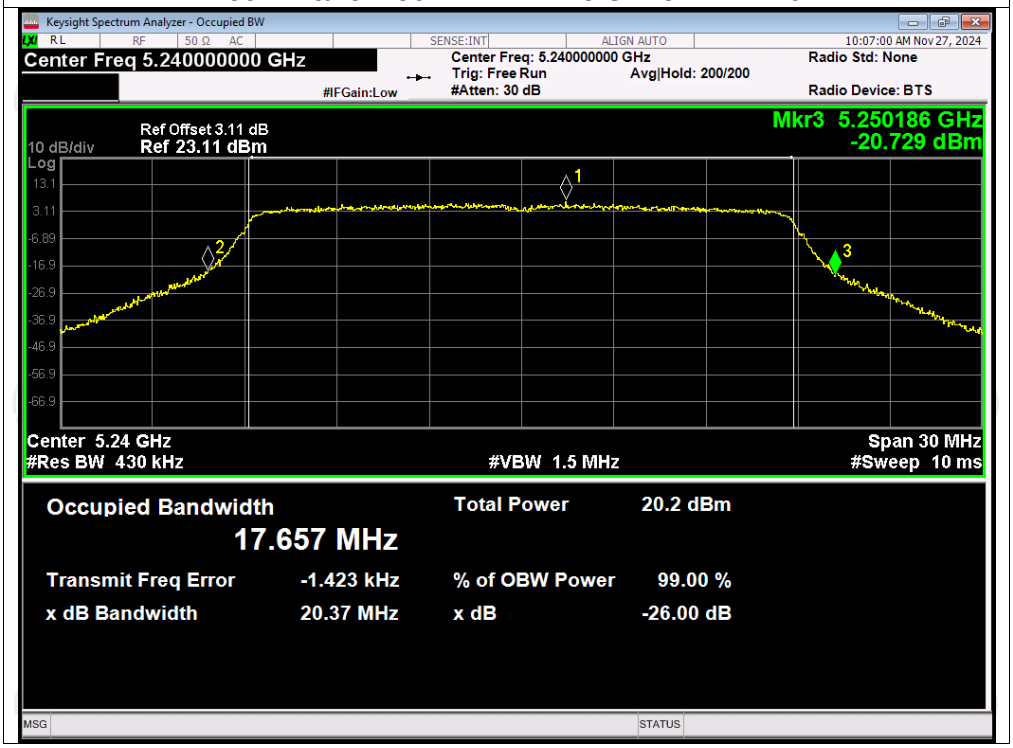

-26dB Bandwidth NVNT n20 5180MHz Ant1



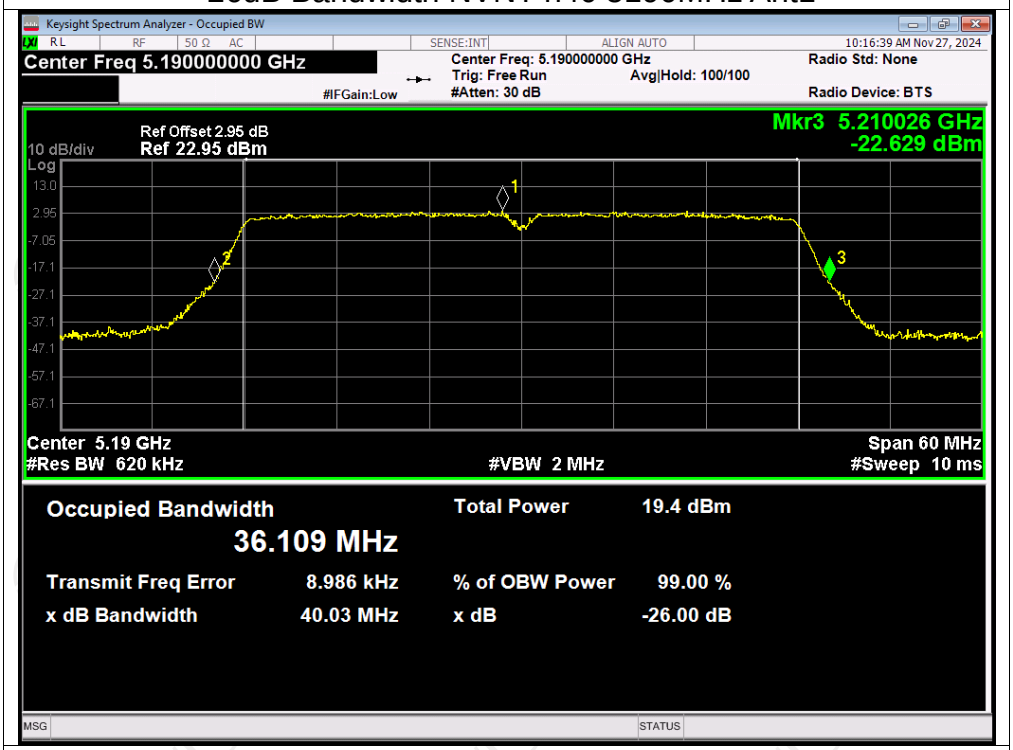
-26dB Bandwidth NVNT n20 5200MHz Ant1



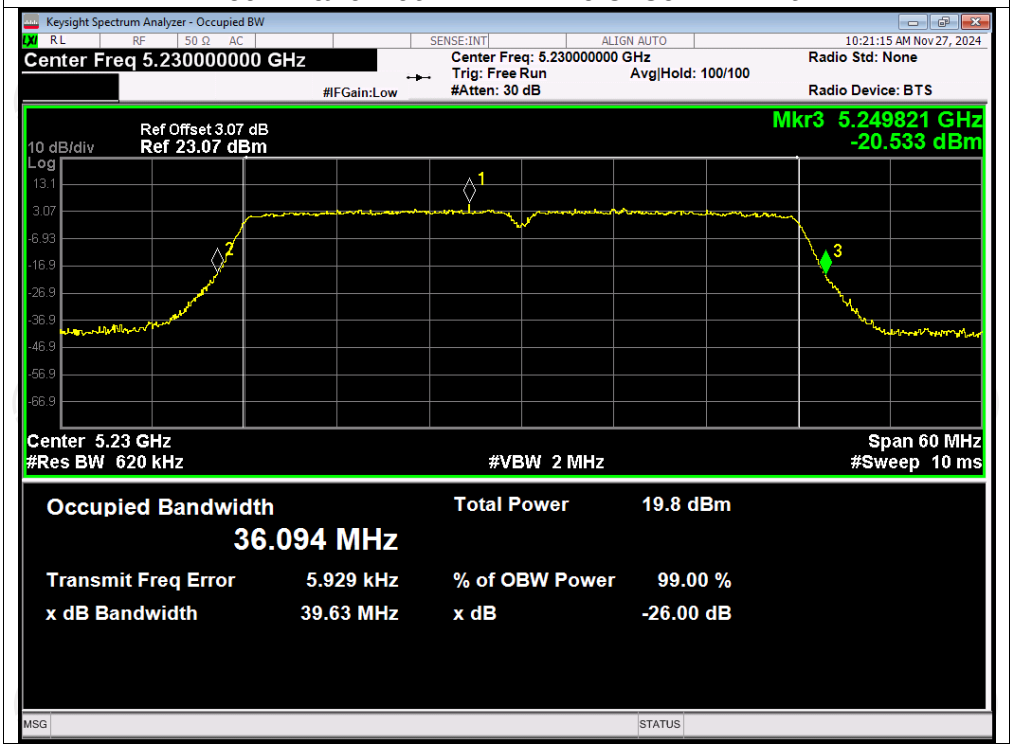

-26dB Bandwidth NVNT n20 5240MHz Ant1



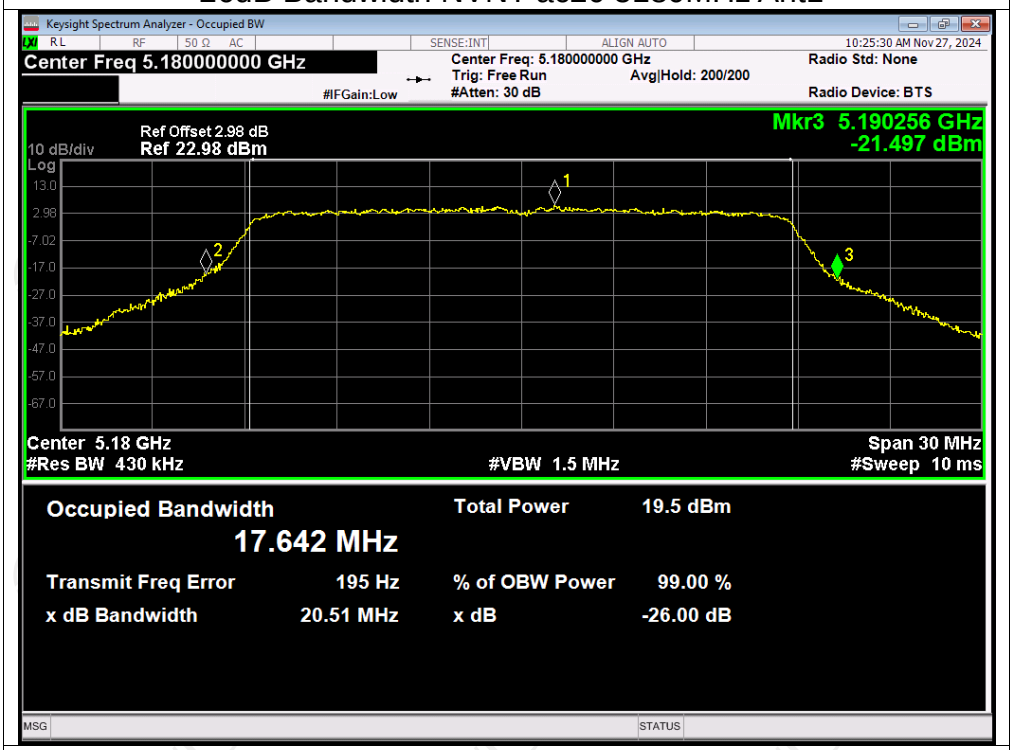
-26dB Bandwidth NVNT n40 5190MHz Ant1



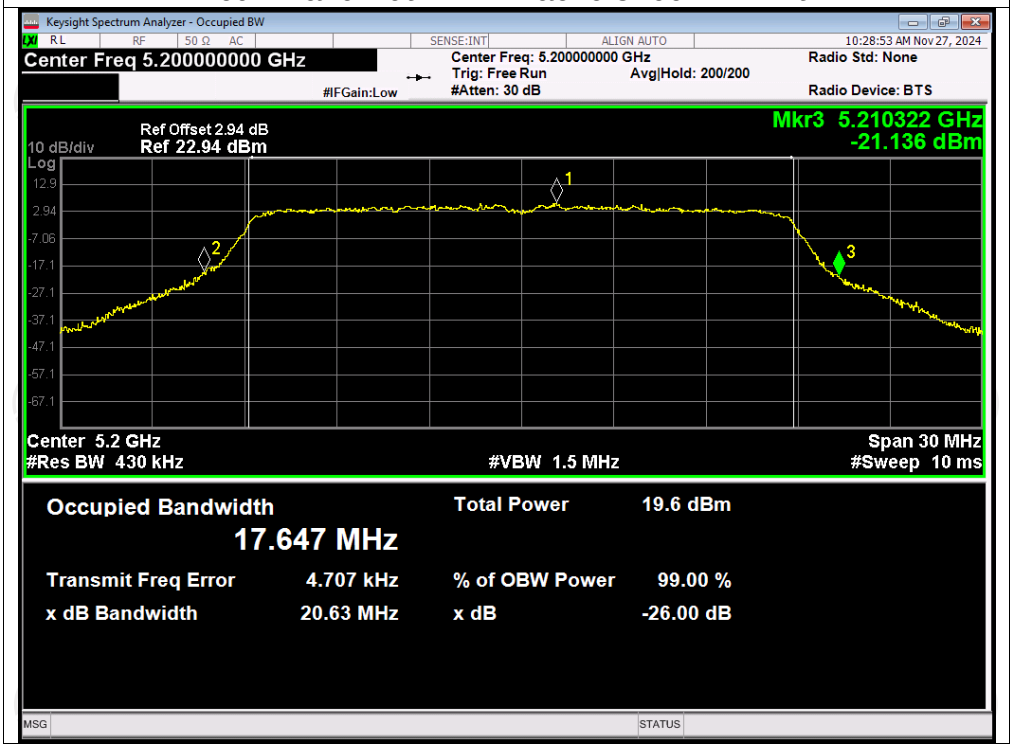

-26dB Bandwidth NVNT n40 5230MHz Ant1



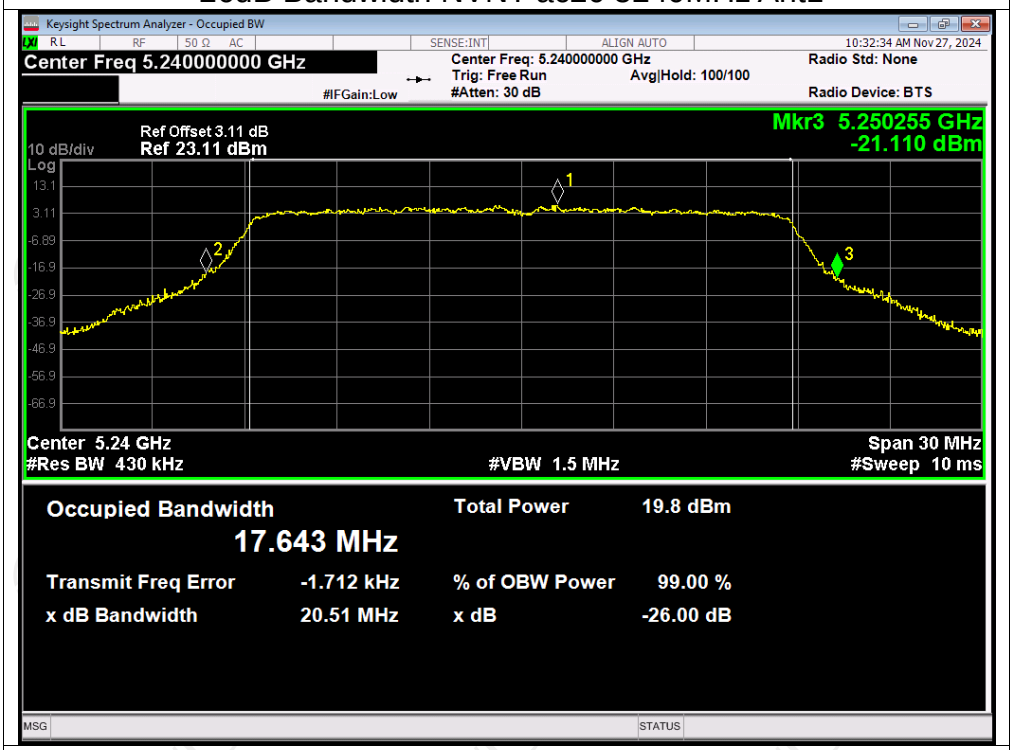
-26dB Bandwidth NVNT ac20 5180MHz Ant1



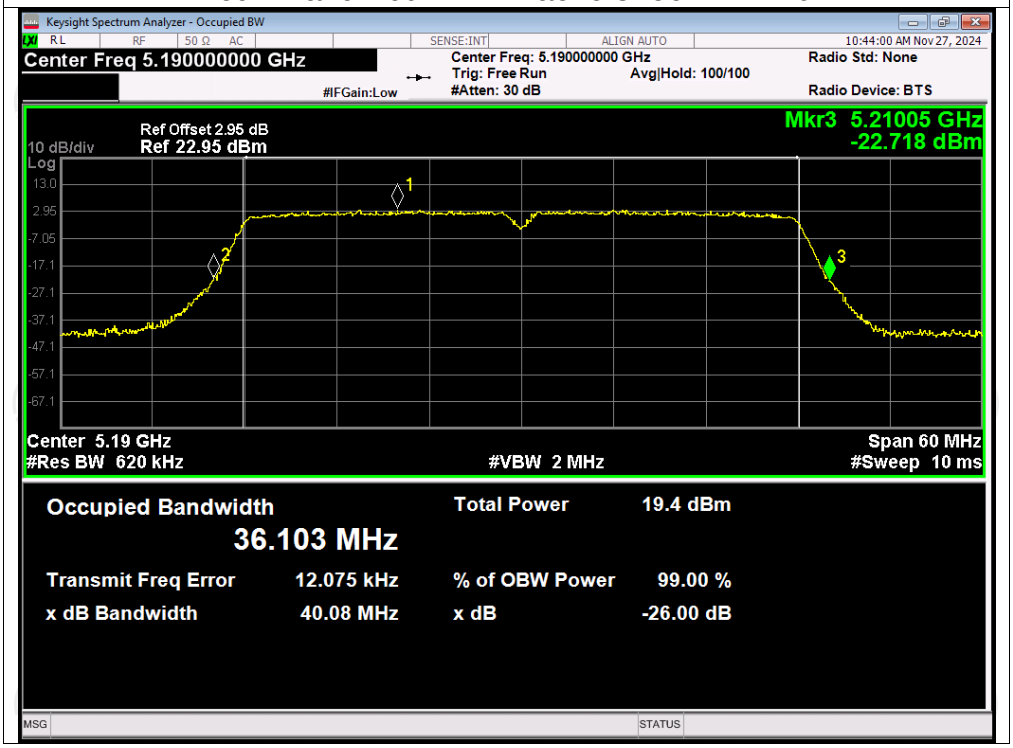

-26dB Bandwidth NVNT ac20 5200MHz Ant1



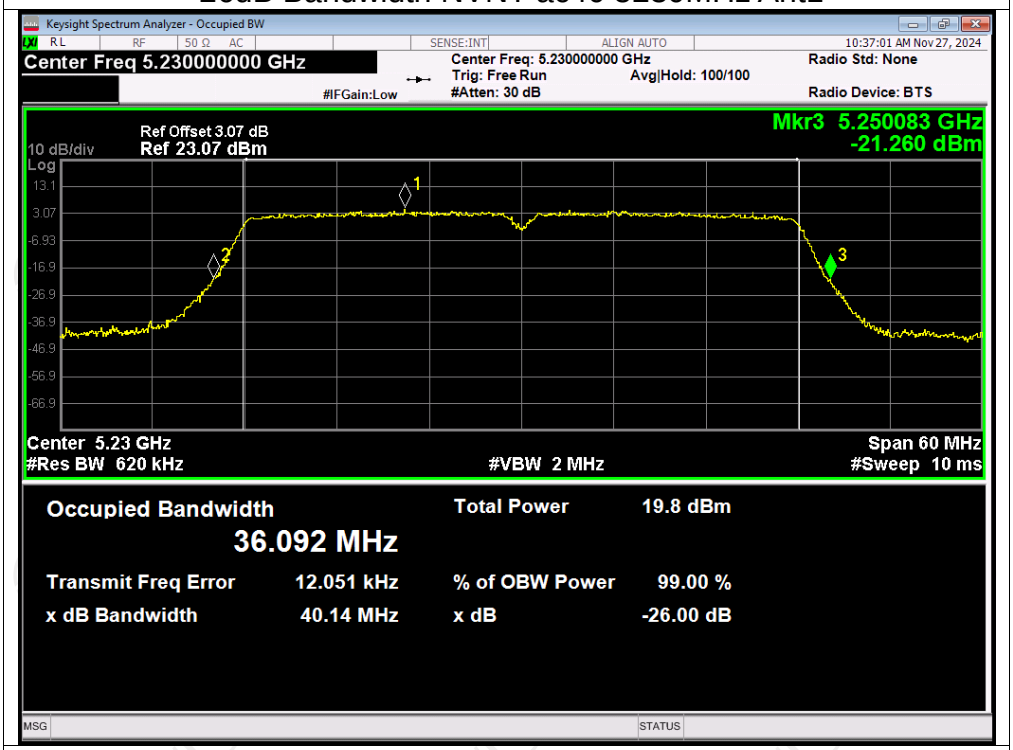
-26dB Bandwidth NVNT ac20 5240MHz Ant1



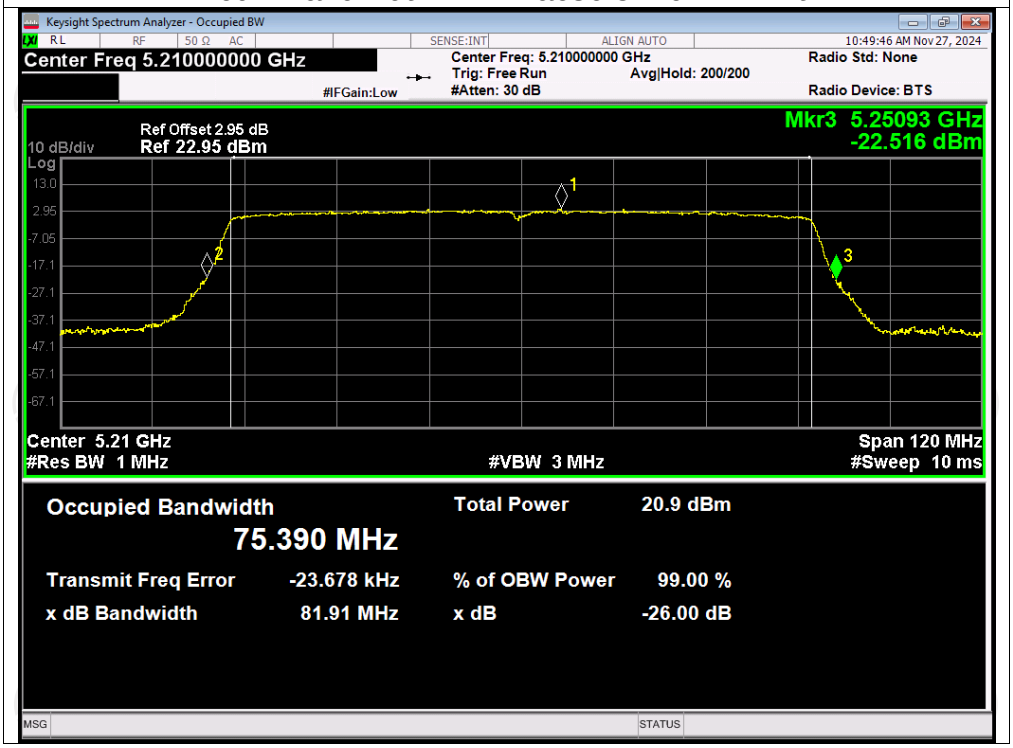

-26dB Bandwidth NVNT ac40 5190MHz Ant1



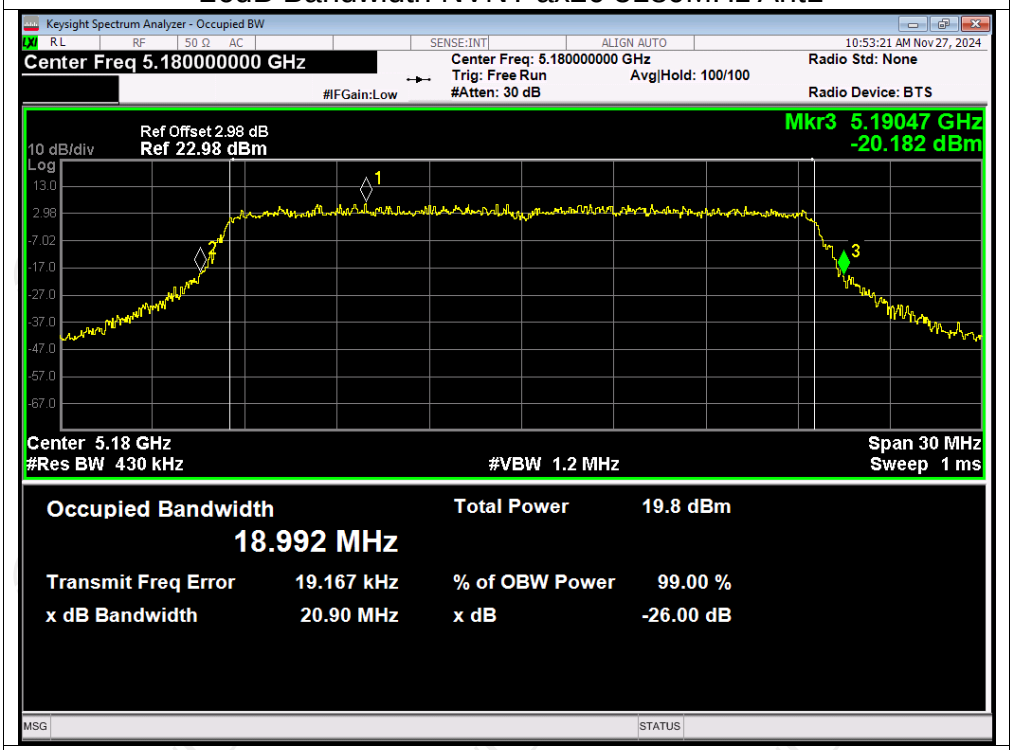
-26dB Bandwidth NVNT ac40 5230MHz Ant1



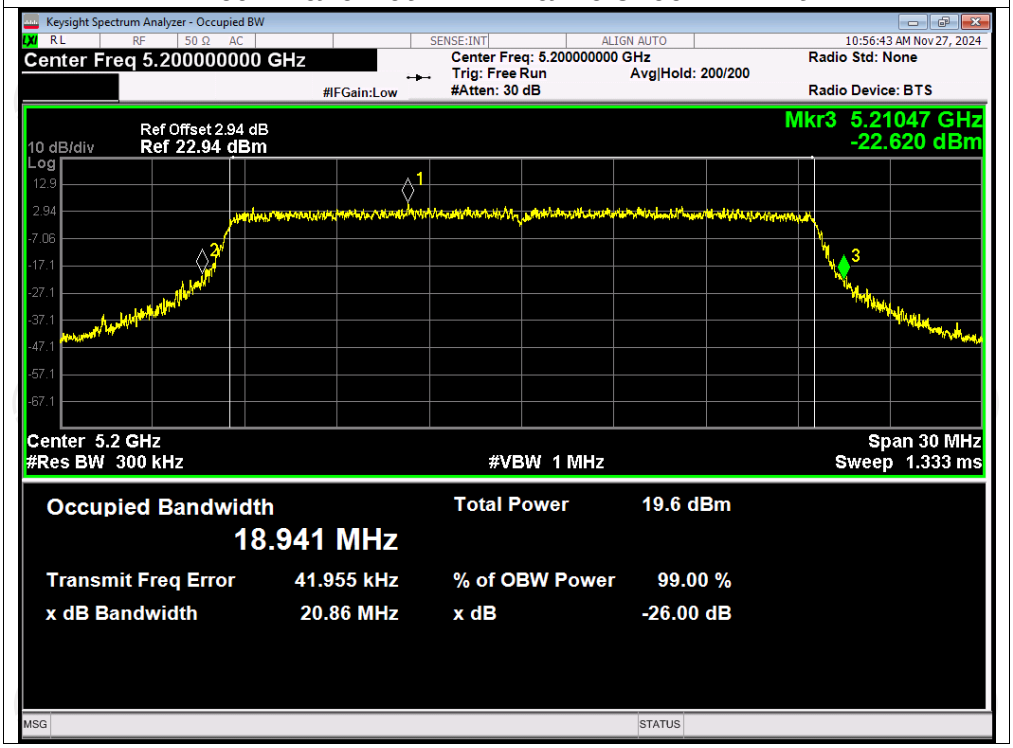

-26dB Bandwidth NVNT ac80 5210MHz Ant1



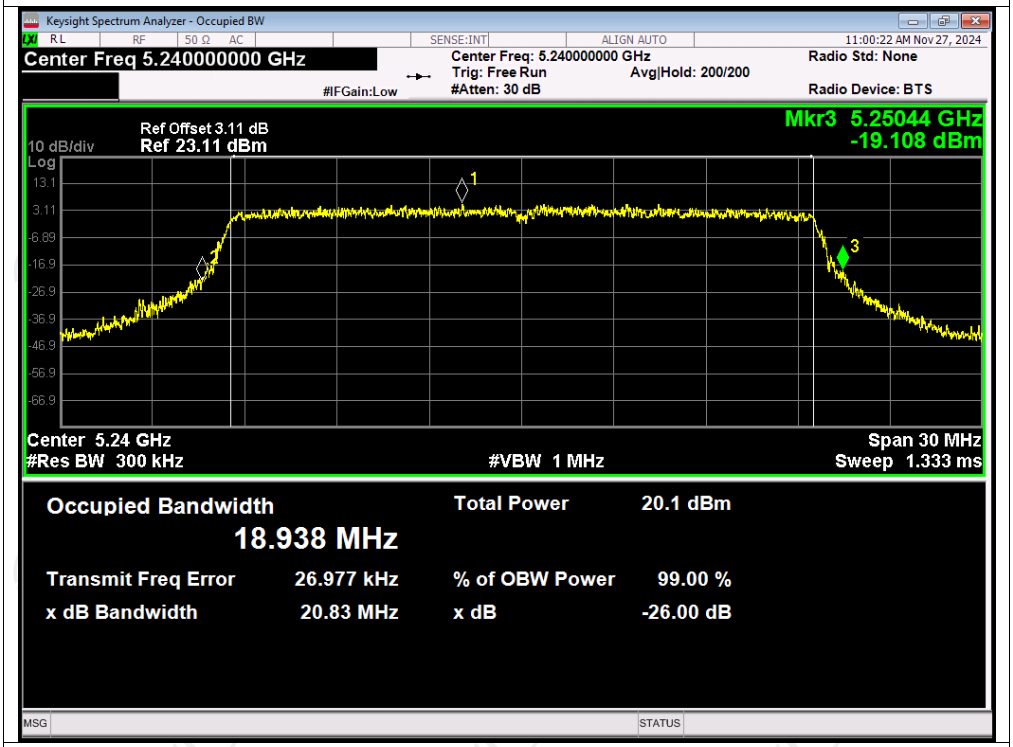
-26dB Bandwidth NVNT ax20 5180MHz Ant1



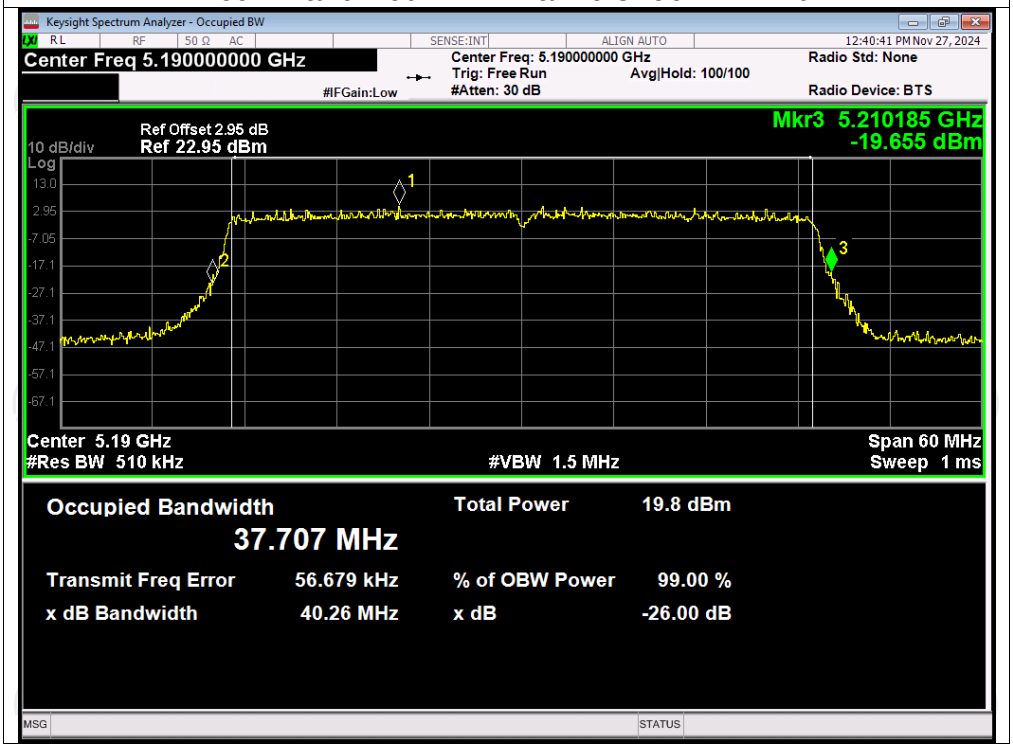

-26dB Bandwidth NVNT ax20 5200MHz Ant1



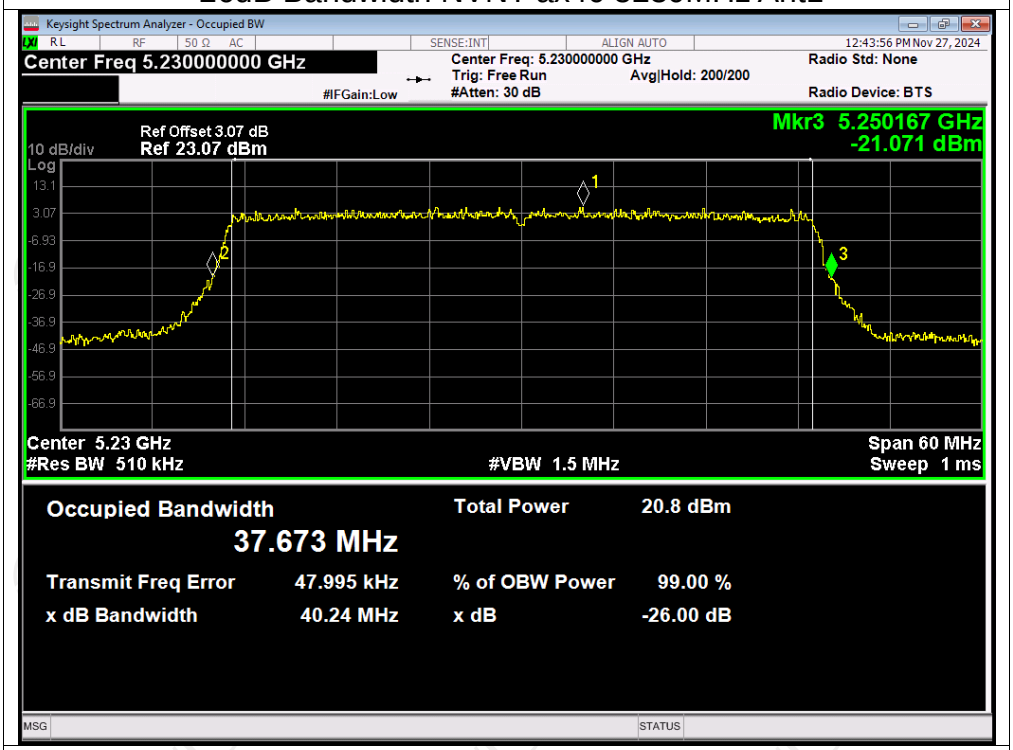
-26dB Bandwidth NVNT ax20 5240MHz Ant1



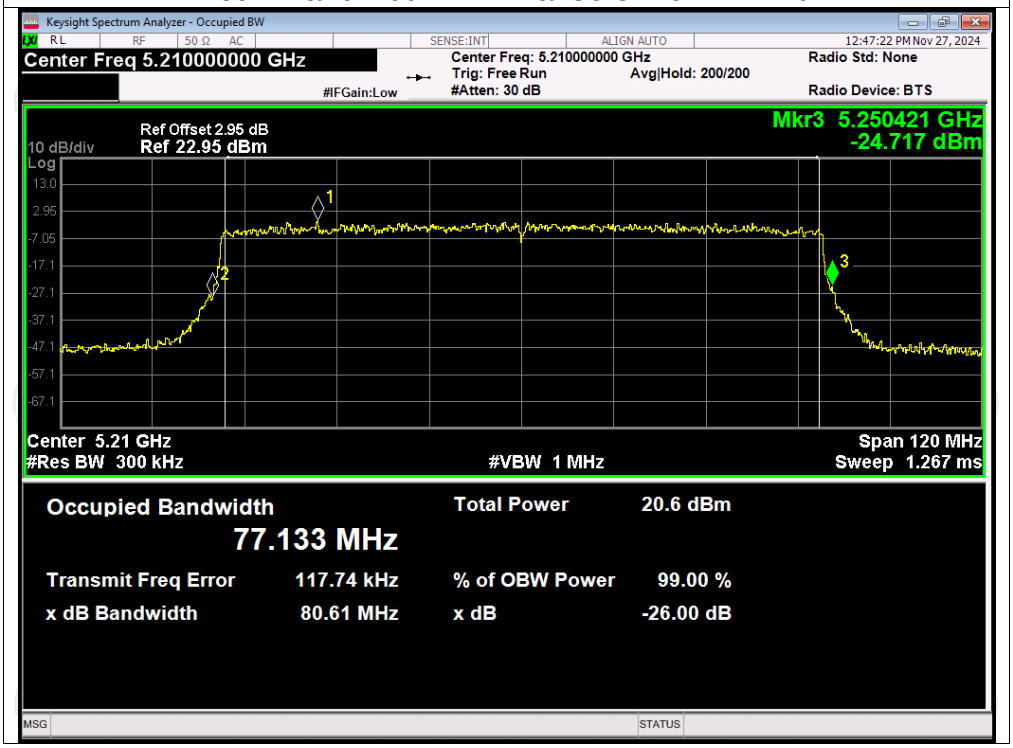

-26dB Bandwidth NVNT ax40 5190MHz Ant1



-26dB Bandwidth NVNT ax40 5230MHz Ant1




-26dB Bandwidth NVNT ax80 5210MHz Ant1

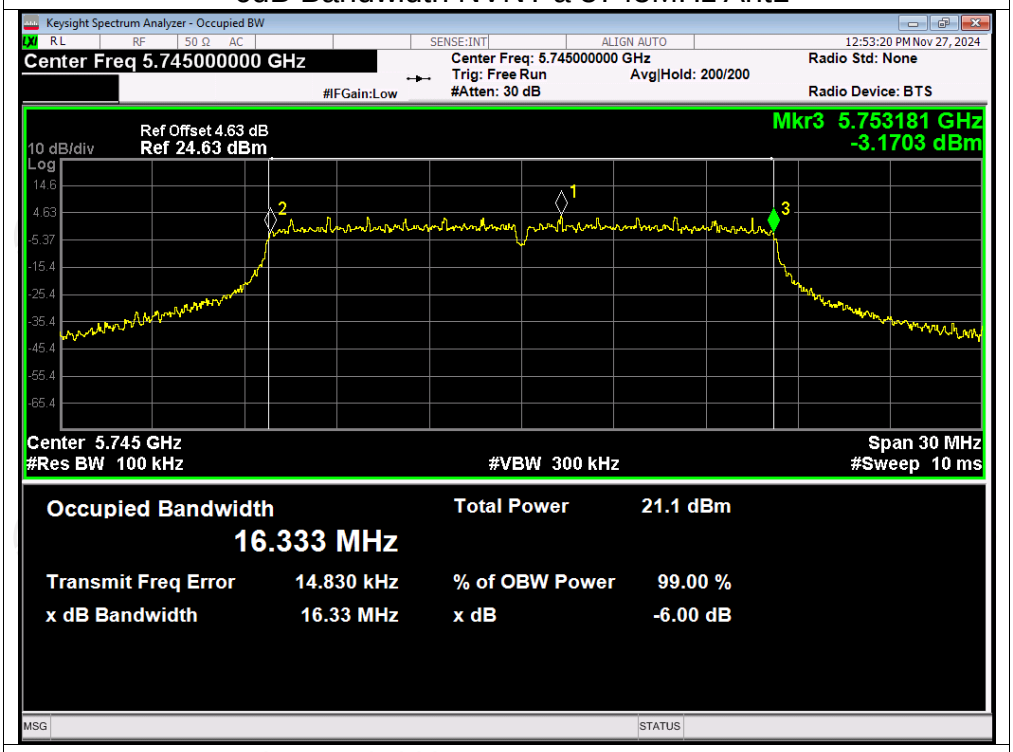


## -6dB Bandwidth

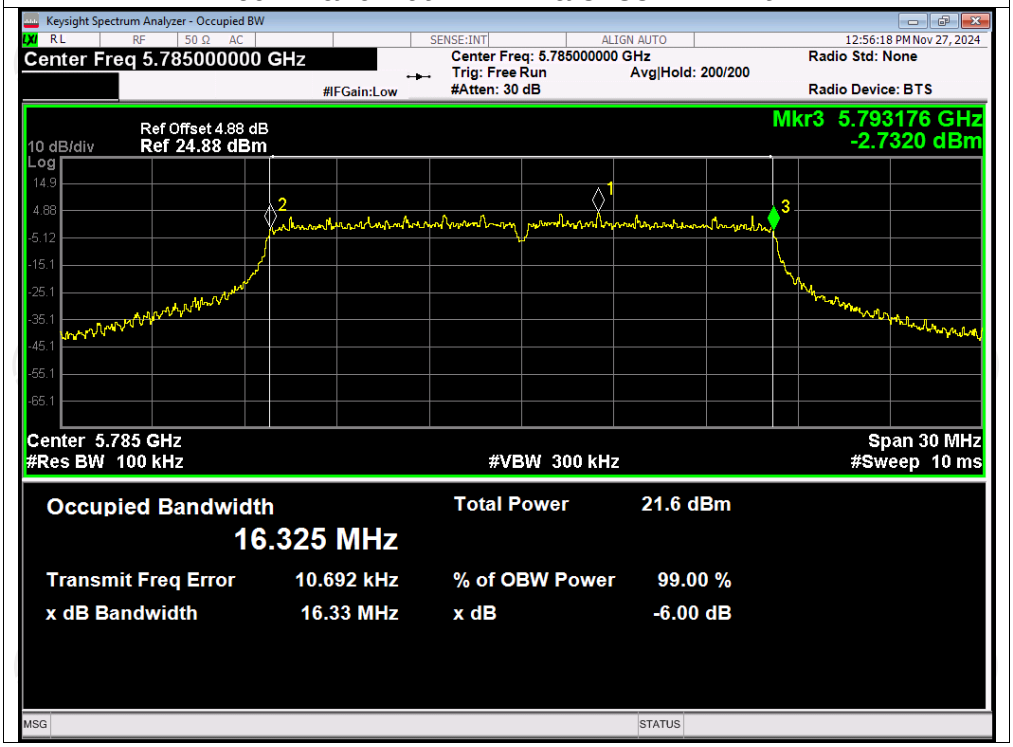
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | a | 5745 | Ant1 | 16.332 | 0.5 | Pass |
| NVNT | a | 5785 | Ant1 | 16.331 | 0.5 | Pass |
| NVNT | a | 5825 | Ant1 | 16.334 | 0.5 | Pass |
| NVNT | n20 | 5745 | Ant1 | 17.319 | 0.5 | Pass |
| NVNT | n20 | 5785 | Ant1 | 17.558 | 0.5 | Pass |
| NVNT | n20 | 5825 | Ant1 | 17.201 | 0.5 | Pass |
| NVNT | n40 | 5755 | Ant1 | 36.330 | 0.5 | Pass |
| NVNT | n40 | 5795 | Ant1 | 36.324 | 0.5 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 16.832 | 0.5 | Pass |
| NVNT | ac20 | 5785 | Ant1 | 17.184 | 0.5 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 17.182 | 0.5 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 35.627 | 0.5 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 36.031 | 0.5 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 75.701 | 0.5 | Pass |
| NVNT | ax20 | 5745 | Ant1 | 18.928 | 0.5 | Pass |
| NVNT | ax20 | 5785 | Ant1 | 18.234 | 0.5 | Pass |
| NVNT | ax20 | 5825 | Ant1 | 18.816 | 0.5 | Pass |
| NVNT | ax40 | 5755 | Ant1 | 37.809 | 0.5 | Pass |
| NVNT | ax40 | 5795 | Ant1 | 37.839 | 0.5 | Pass |
| NVNT | ax80 | 5775 | Ant1 | 77.475 | 0.5 | Pass |

## Test Graphs

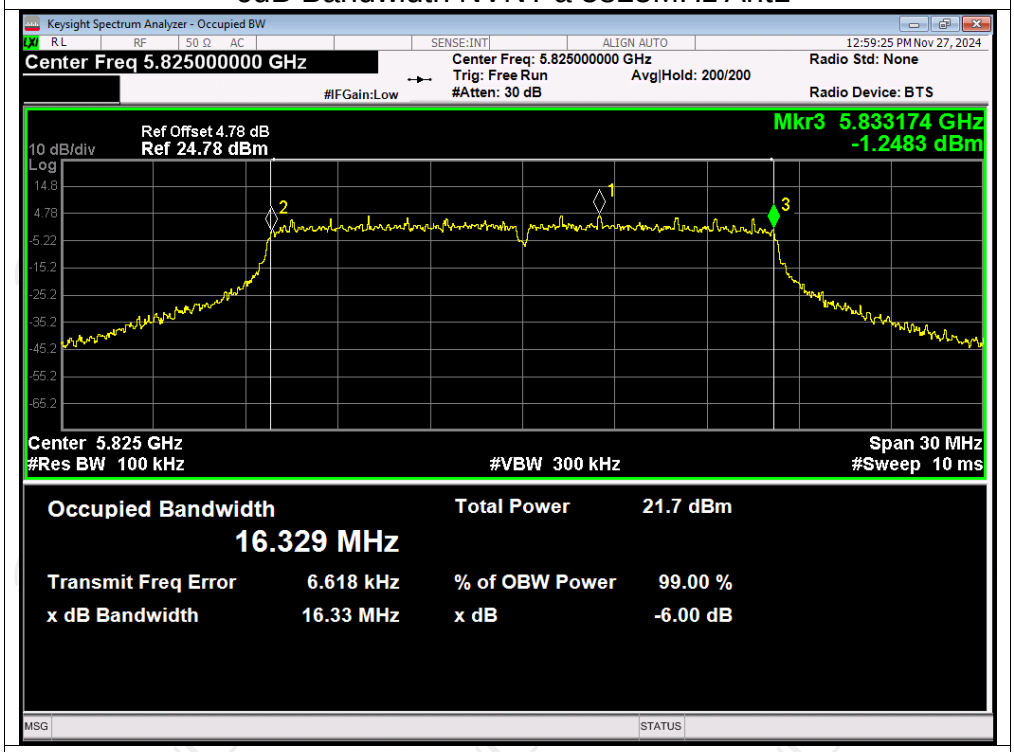
### -6dB Bandwidth NVNT a 5745MHz Ant1



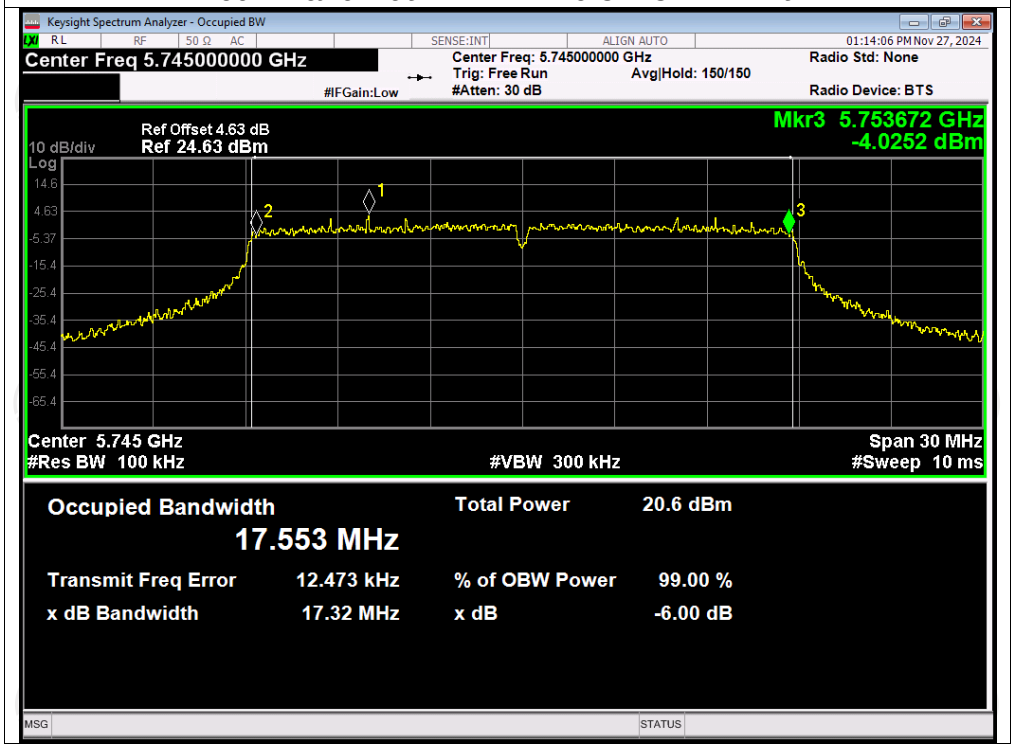

### -6dB Bandwidth NVNT a 5785MHz Ant1



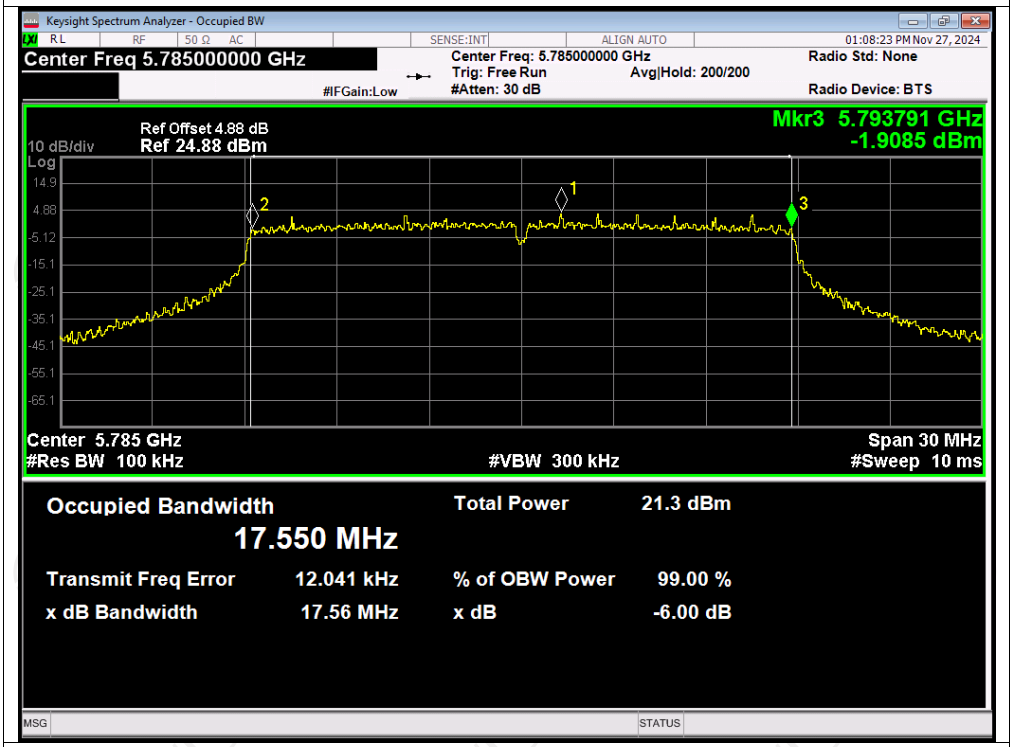
-6dB Bandwidth NVNT a 5825MHz Ant1



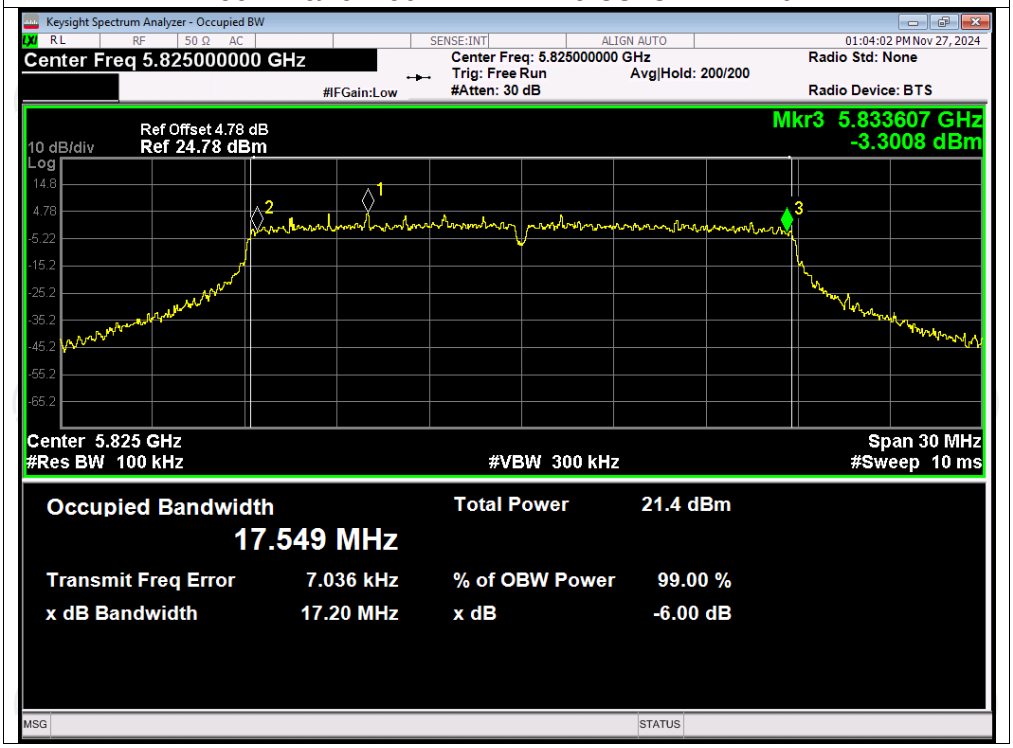

-6dB Bandwidth NVNT n20 5745MHz Ant1



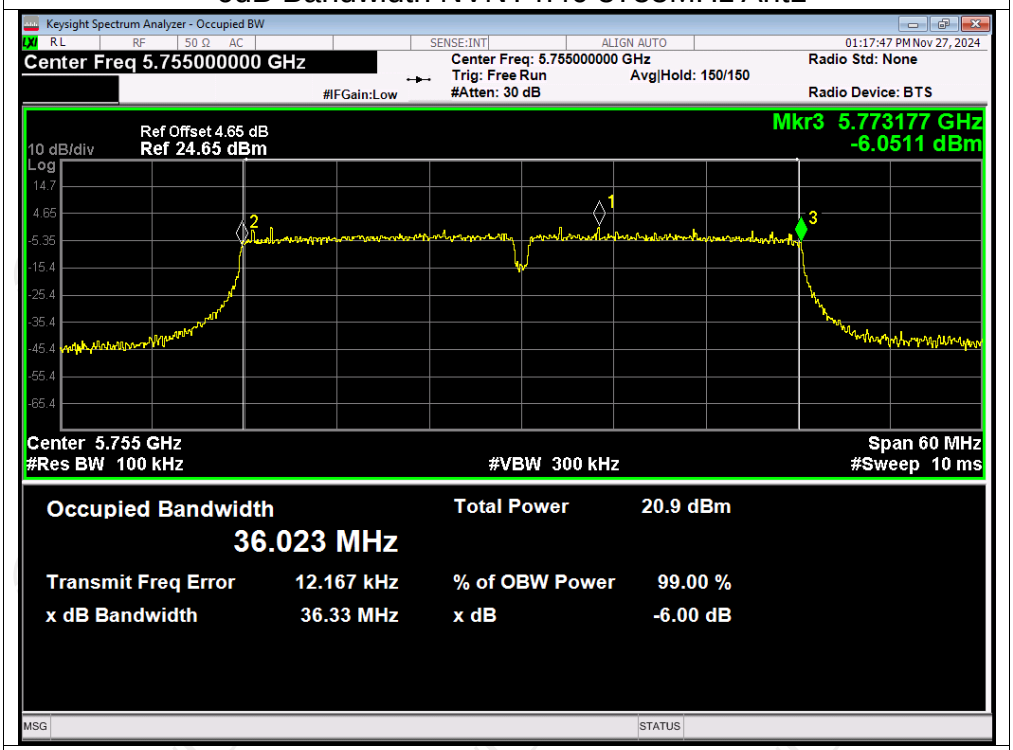
-6dB Bandwidth NVNT n20 5785MHz Ant1



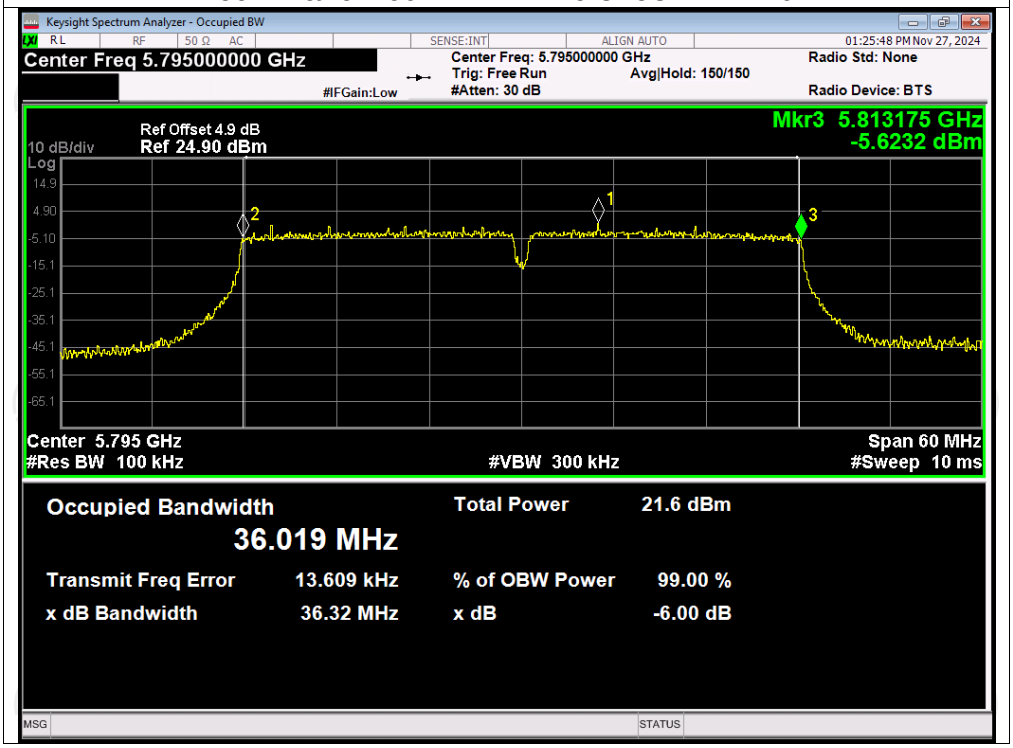

-6dB Bandwidth NVNT n20 5825MHz Ant1



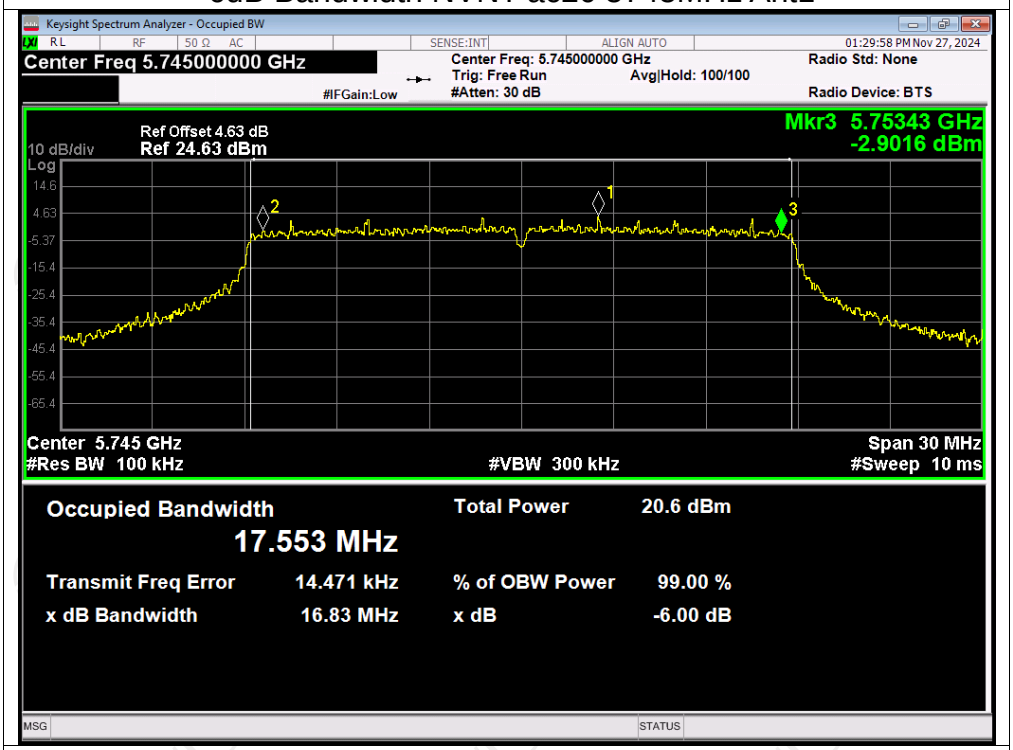
-6dB Bandwidth NVNT n40 5755MHz Ant1



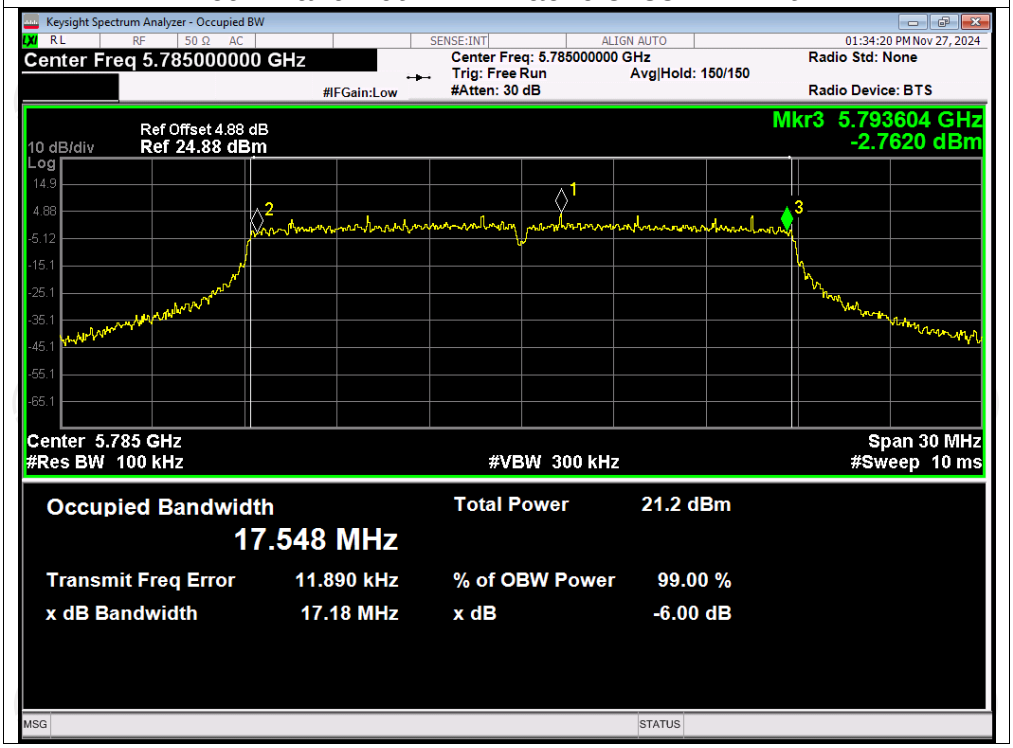

-6dB Bandwidth NVNT n40 5795MHz Ant1



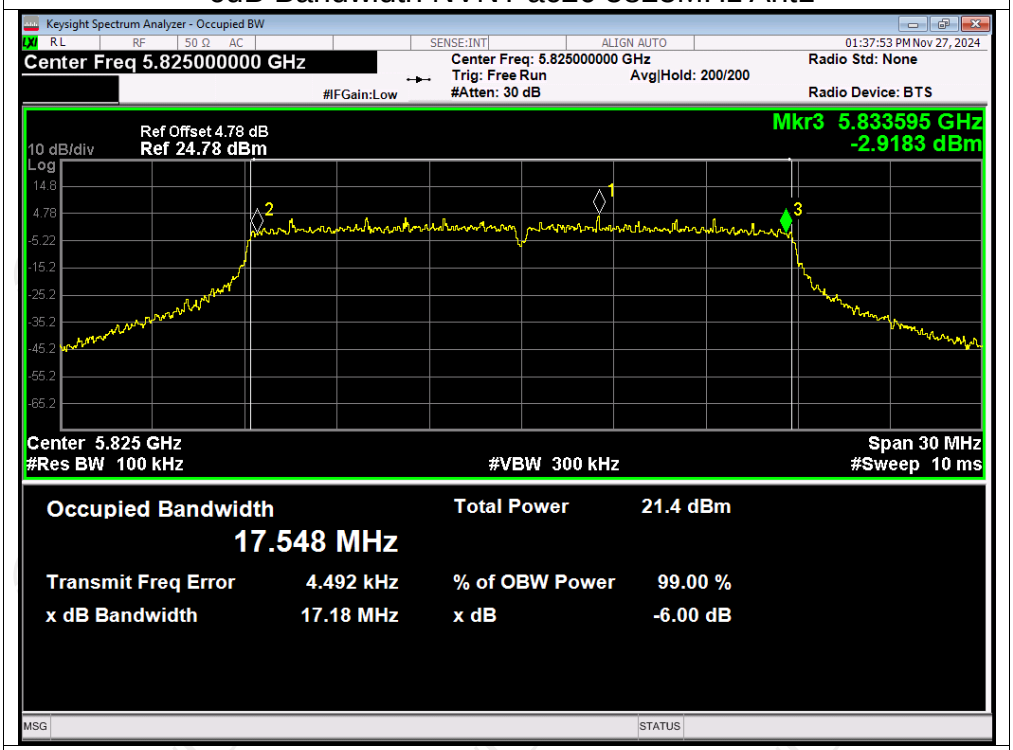
-6dB Bandwidth NVNT ac20 5745MHz Ant1



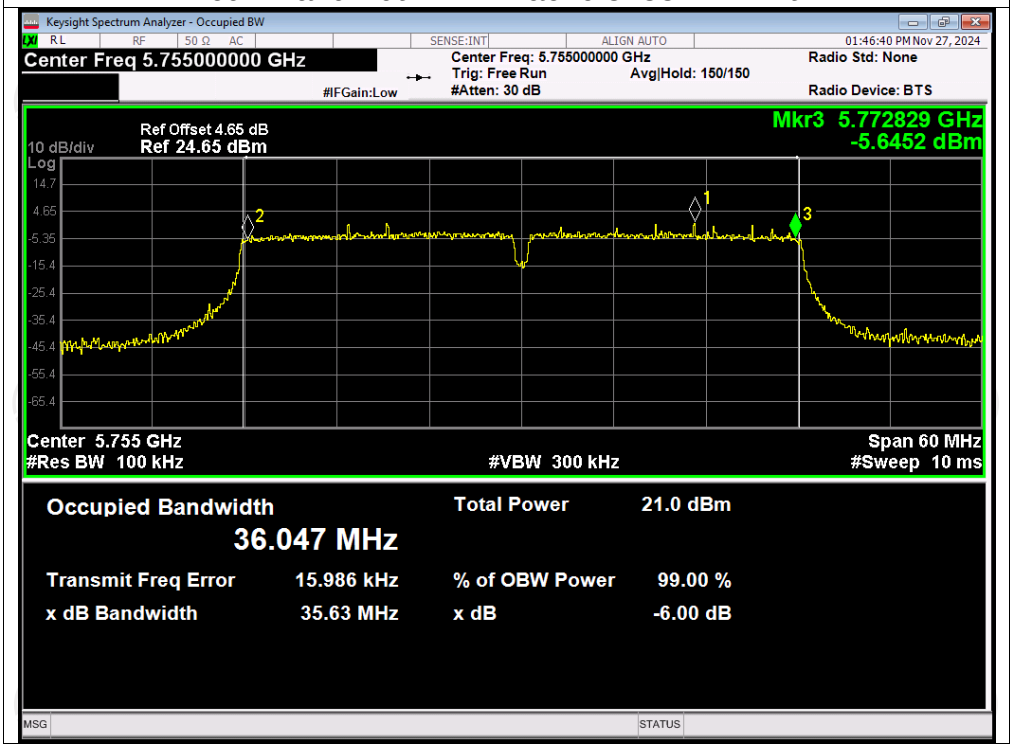

-6dB Bandwidth NVNT ac20 5785MHz Ant1



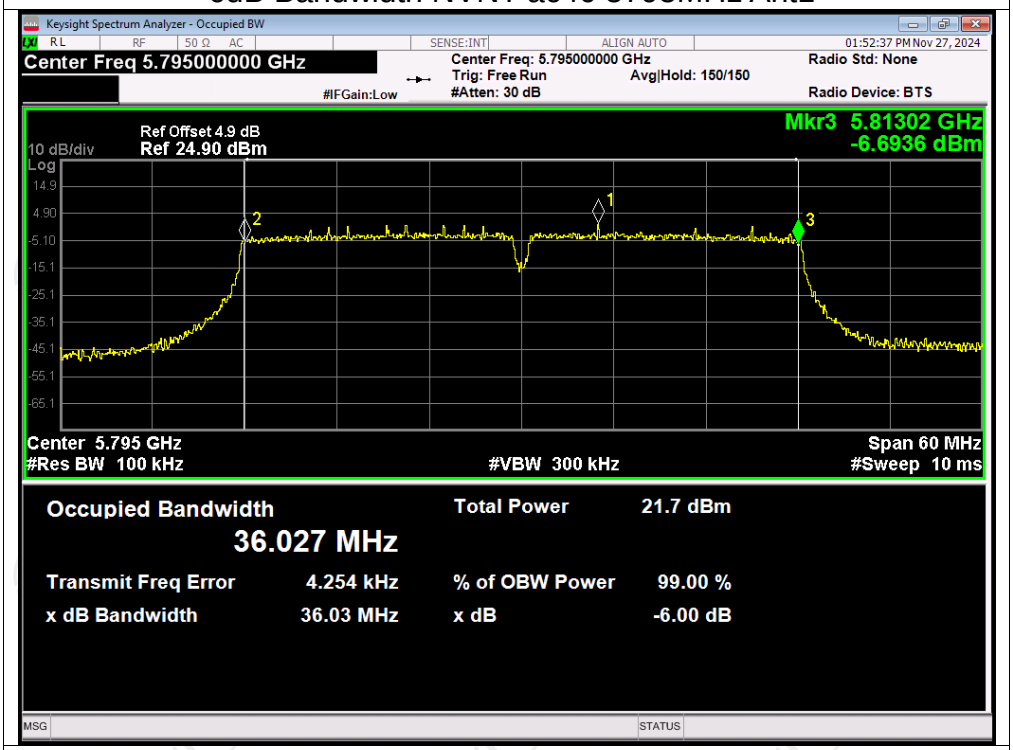
-6dB Bandwidth NVNT ac20 5825MHz Ant1



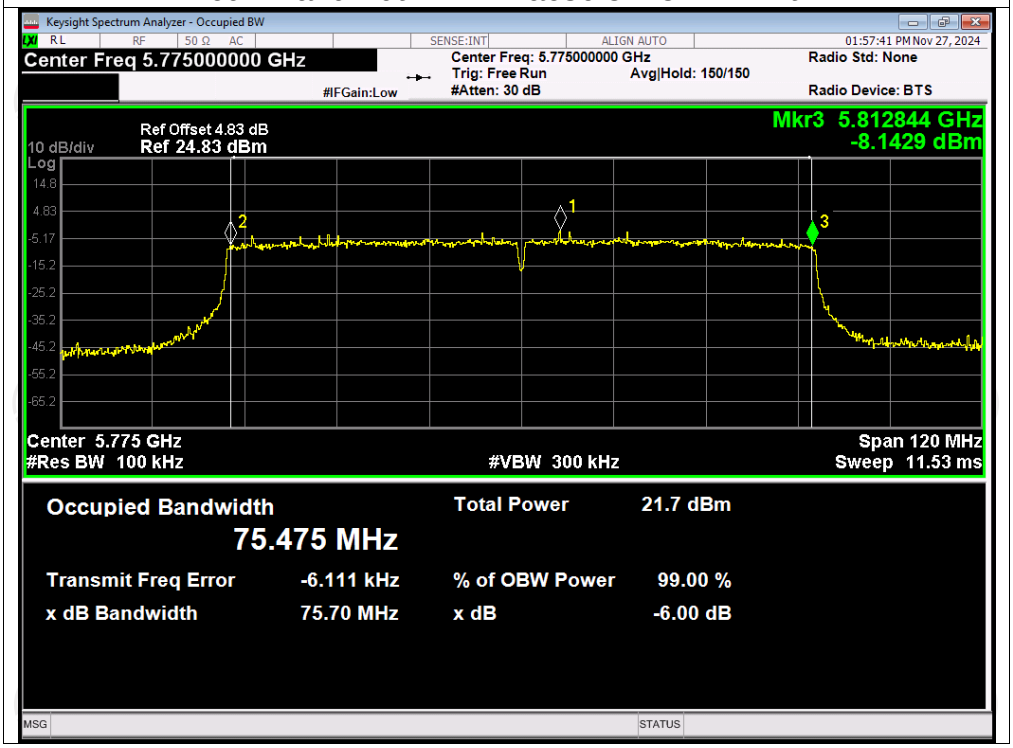

-6dB Bandwidth NVNT ac40 5755MHz Ant1



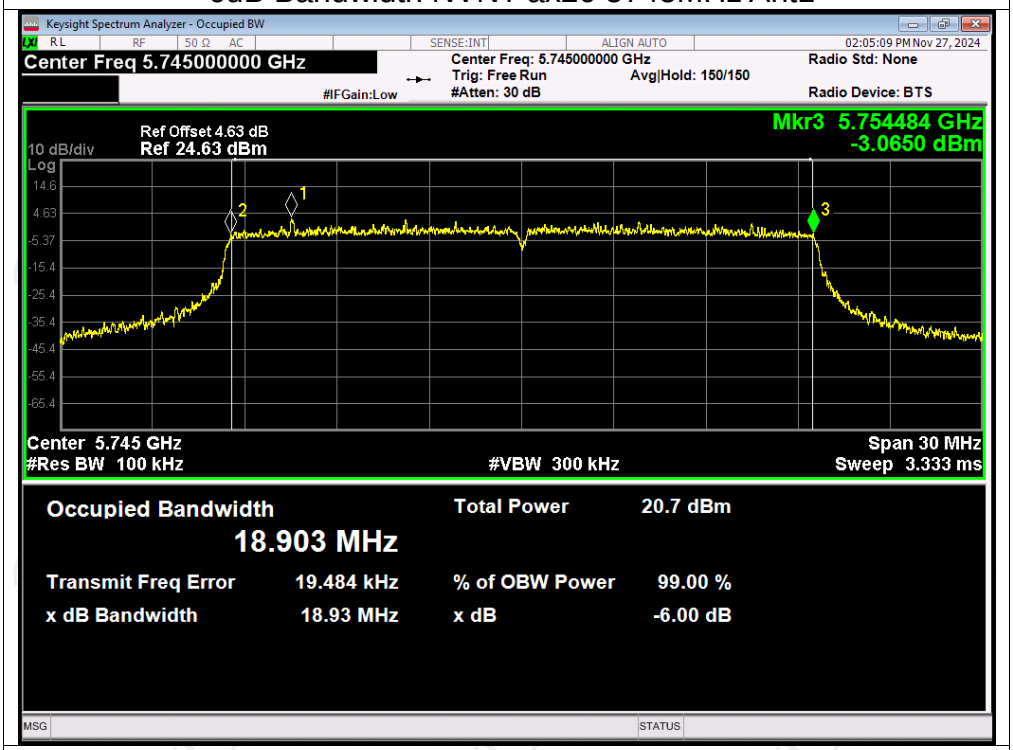
-6dB Bandwidth NVNT ac40 5795MHz Ant1



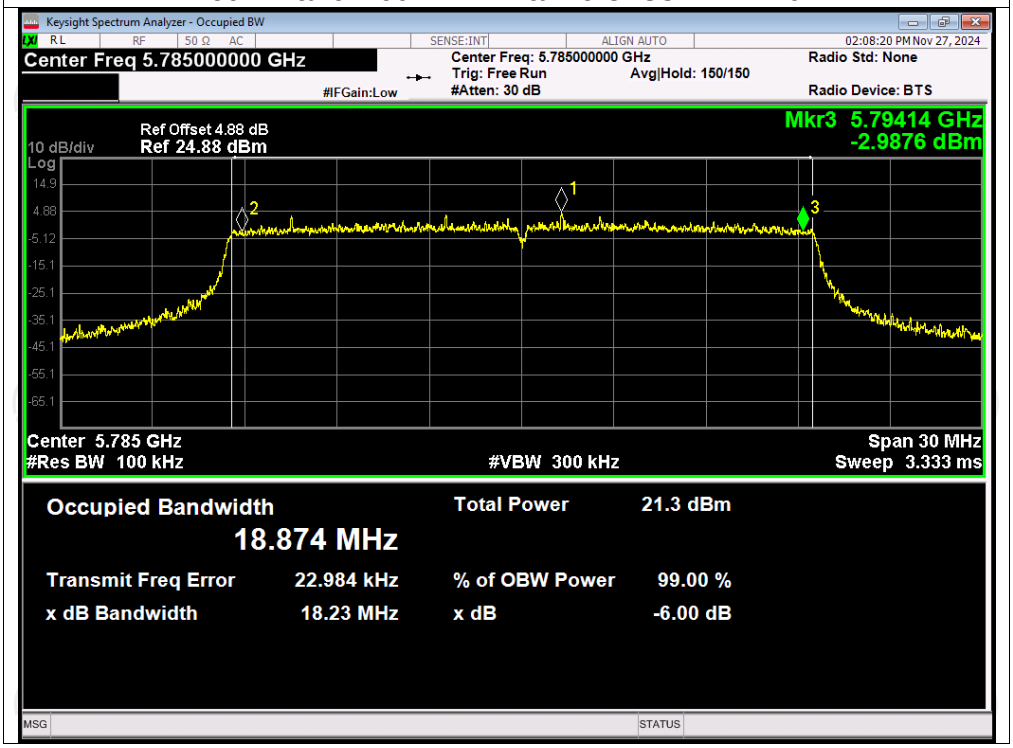

-6dB Bandwidth NVNT ac80 5775MHz Ant1



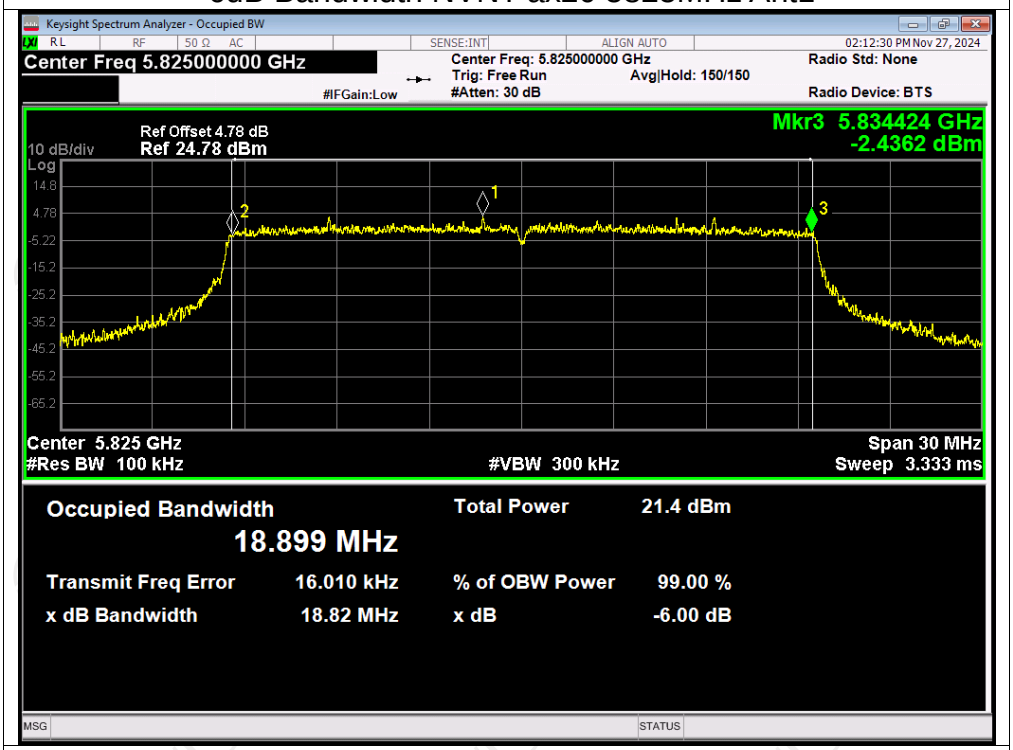
-6dB Bandwidth NVNT ax20 5745MHz Ant1



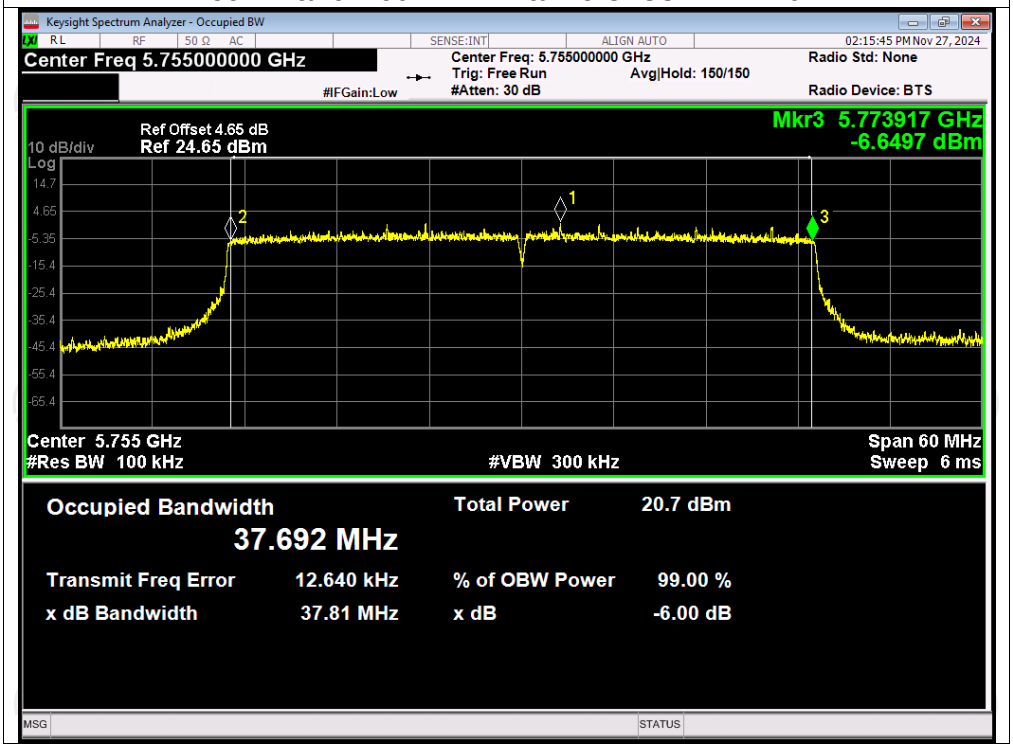

-6dB Bandwidth NVNT ax20 5785MHz Ant1



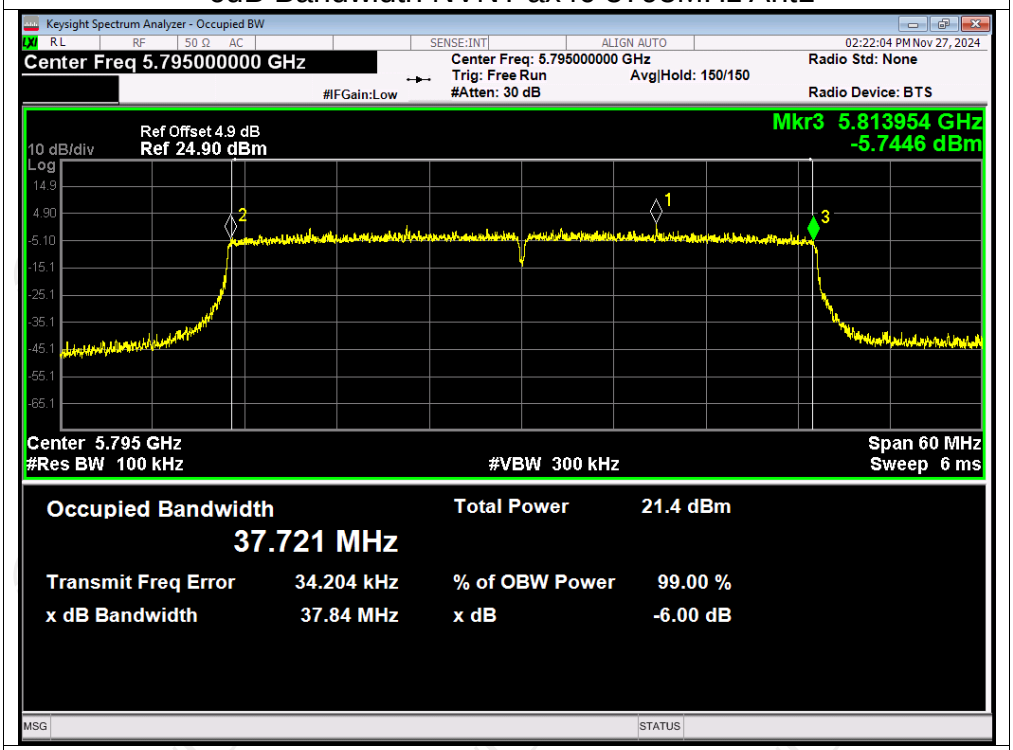
-6dB Bandwidth NVNT ax20 5825MHz Ant1



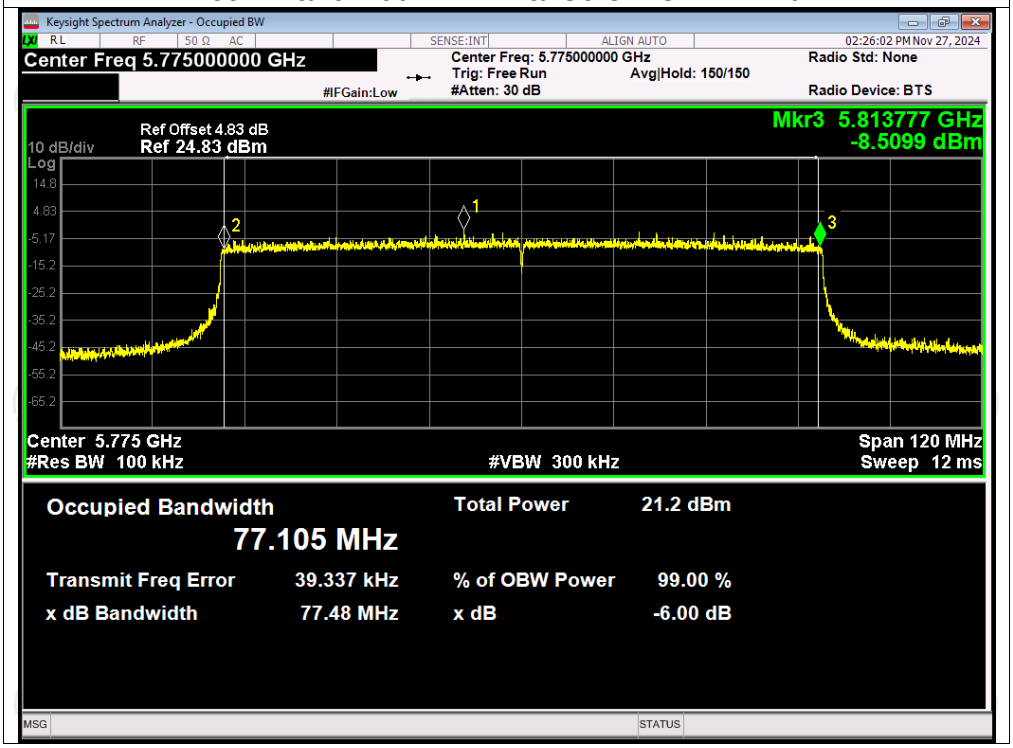

-6dB Bandwidth NVNT ax40 5755MHz Ant1



-6dB Bandwidth NVNT ax40 5795MHz Ant1




-6dB Bandwidth NVNT ax80 5775MHz Ant1

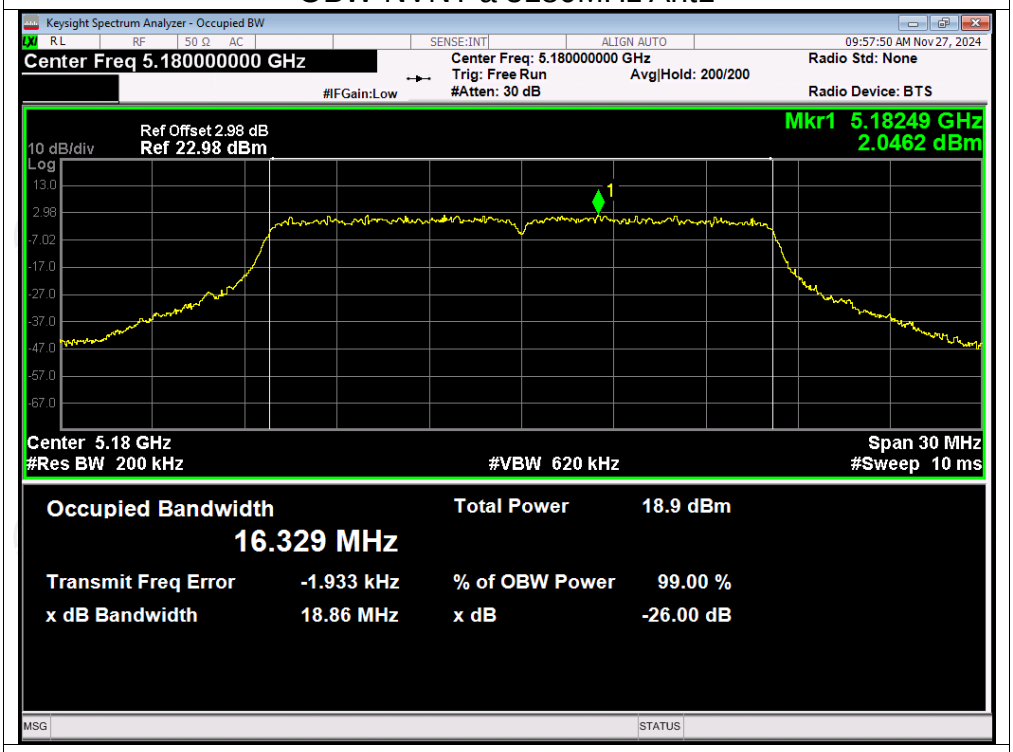


## Occupied Channel Bandwidth

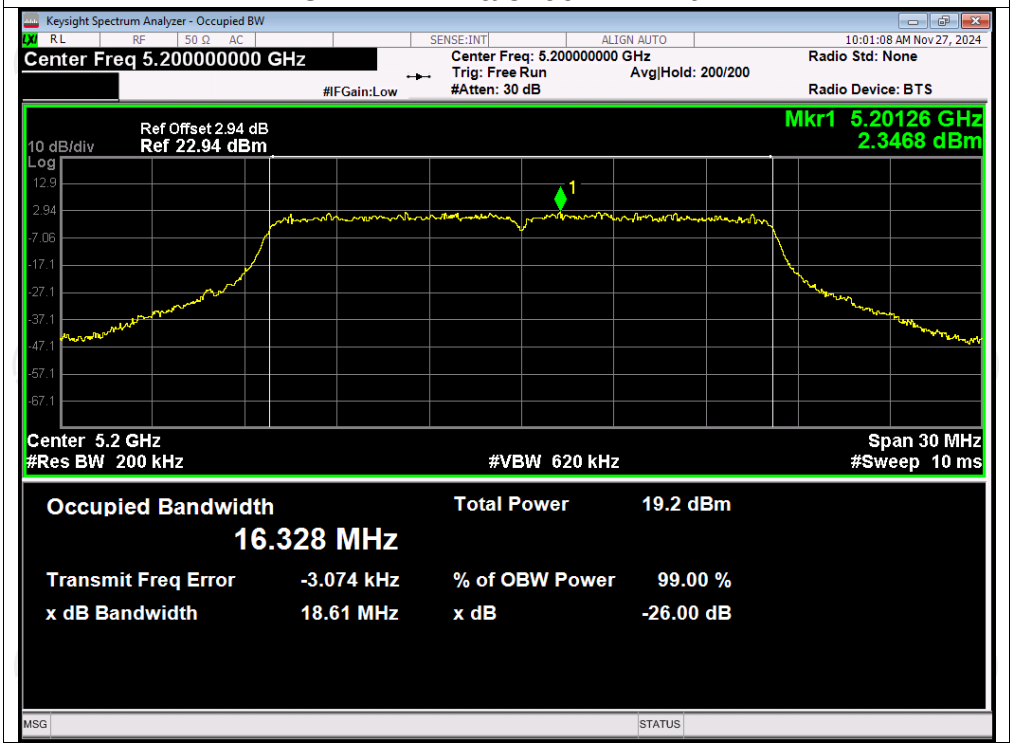
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|---|---|---|---|---|
| NVNT | a | 5180 | Ant1 | 16.329 |
| NVNT | a | 5200 | Ant1 | 16.328 |
| NVNT | a | 5240 | Ant1 | 16.333 |
| NVNT | n20 | 5180 | Ant1 | 17.528 |
| NVNT | n20 | 5200 | Ant1 | 17.519 |
| NVNT | n20 | 5240 | Ant1 | 17.512 |
| NVNT | n40 | 5190 | Ant1 | 36.012 |
| NVNT | n40 | 5230 | Ant1 | 36.001 |
| NVNT | ac20 | 5180 | Ant1 | 17.531 |
| NVNT | ac20 | 5200 | Ant1 | 17.528 |
| NVNT | ac20 | 5240 | Ant1 | 17.534 |
| NVNT | ac40 | 5190 | Ant1 | 36.027 |
| NVNT | ac40 | 5230 | Ant1 | 35.999 |
| NVNT | ac80 | 5210 | Ant1 | 75.401 |
| NVNT | ax20 | 5180 | Ant1 | 18.909 |
| NVNT | ax20 | 5200 | Ant1 | 18.904 |
| NVNT | ax20 | 5240 | Ant1 | 18.916 |
| NVNT | ax40 | 5190 | Ant1 | 37.713 |
| NVNT | ax40 | 5230 | Ant1 | 37.766 |
| NVNT | ax80 | 5210 | Ant1 | 77.165 |
| NVNT | a | 5745 | Ant1 | 16.332 |
| NVNT | a | 5785 | Ant1 | 16.336 |
| NVNT | a | 5825 | Ant1 | 16.333 |
| NVNT | n20 | 5745 | Ant1 | 17.534 |
| NVNT | n20 | 5785 | Ant1 | 17.533 |
| NVNT | n20 | 5825 | Ant1 | 17.534 |
| NVNT | n40 | 5755 | Ant1 | 36.021 |
| NVNT | n40 | 5795 | Ant1 | 36.018 |
| NVNT | ac20 | 5745 | Ant1 | 17.538 |
| NVNT | ac20 | 5785 | Ant1 | 17.528 |
| NVNT | ac20 | 5825 | Ant1 | 17.532 |
| NVNT | ac40 | 5755 | Ant1 | 36.024 |
| NVNT | ac40 | 5795 | Ant1 | 35.969 |
| NVNT | ac80 | 5775 | Ant1 | 75.465 |
| NVNT | ax20 | 5745 | Ant1 | 18.898 |
| NVNT | ax20 | 5785 | Ant1 | 18.937 |
| NVNT | ax20 | 5825 | Ant1 | 18.901 |
| NVNT | ax40 | 5755 | Ant1 | 37.770 |
| NVNT | ax40 | 5795 | Ant1 | 37.796 |
| NVNT | ax80 | 5775 | Ant1 | 77.226 |

## Test Graphs

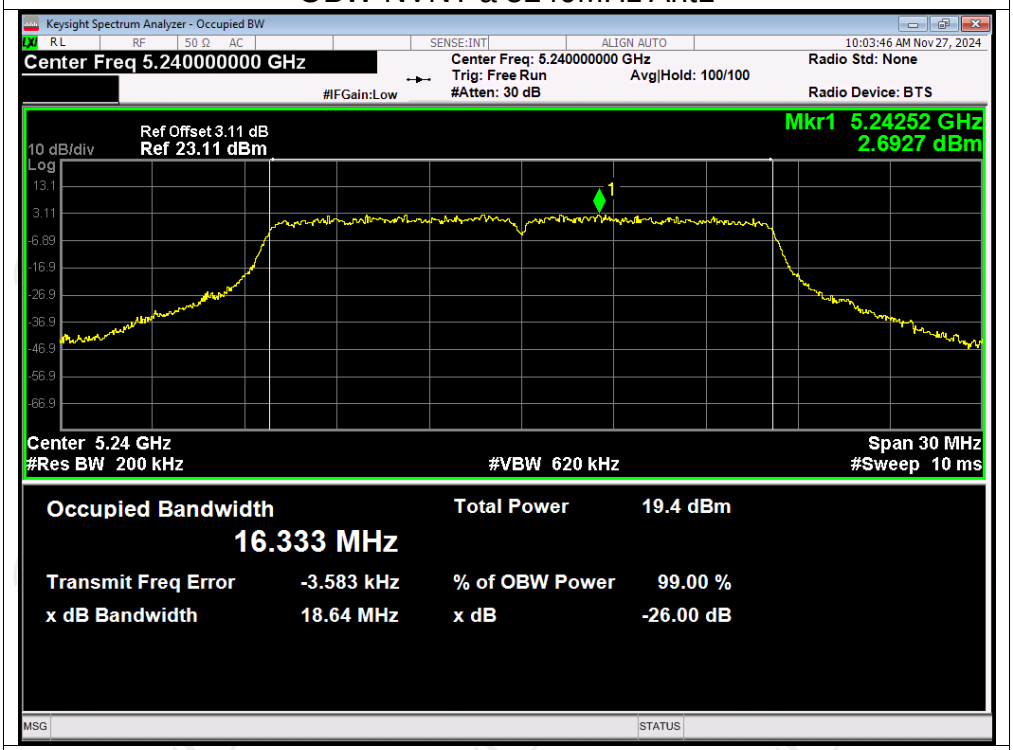
### OBW NVNT a 5180MHz Ant1



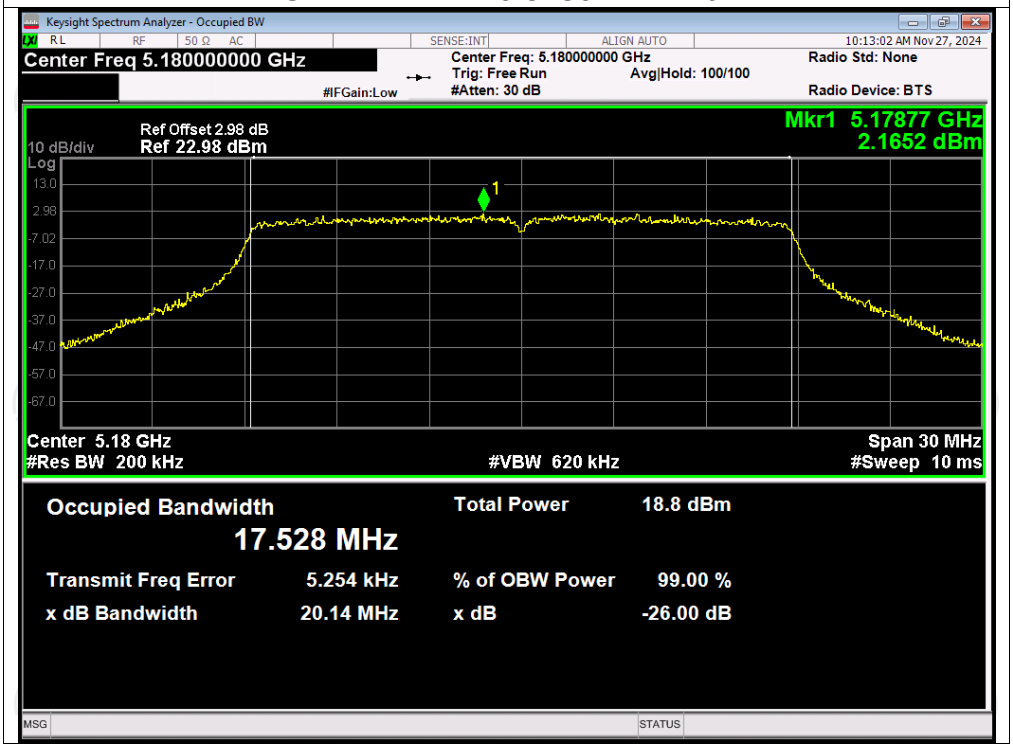

### OBW NVNT a 5200MHz Ant1



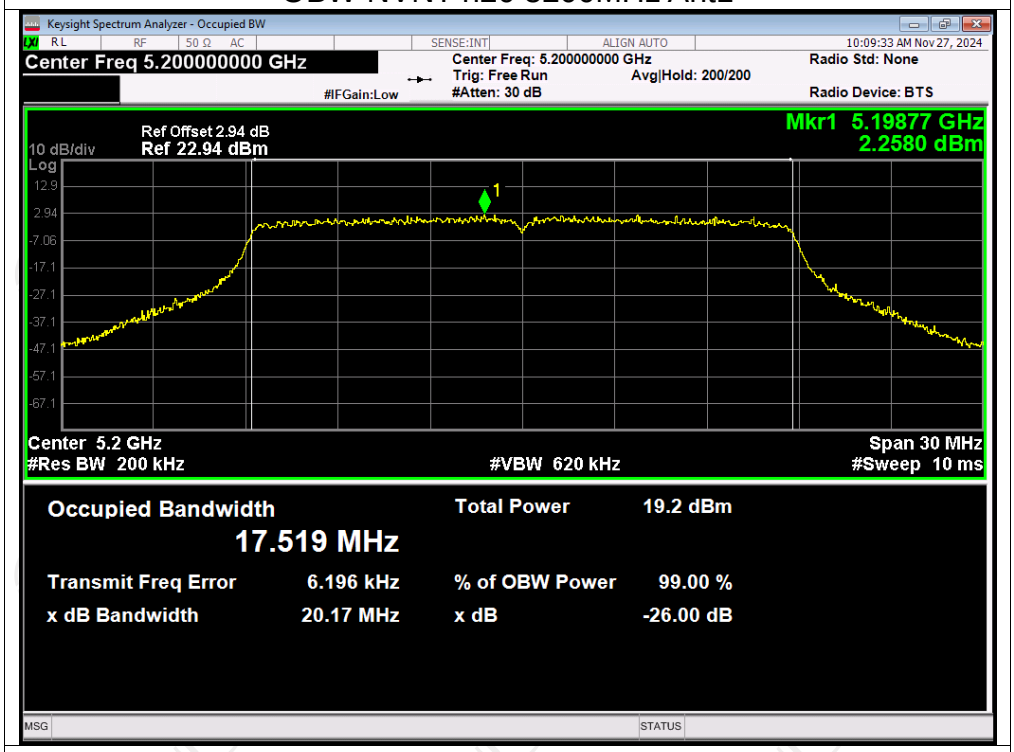
OBW NVNT a 5240MHz Ant1



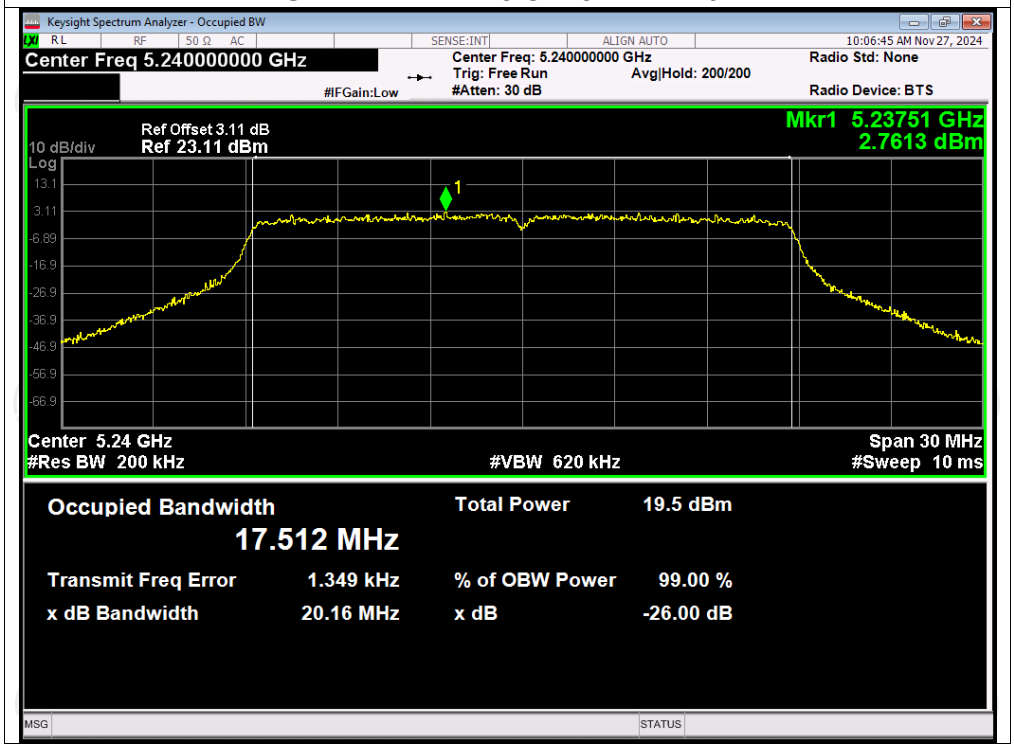

OBW NVNT n20 5180MHz Ant1



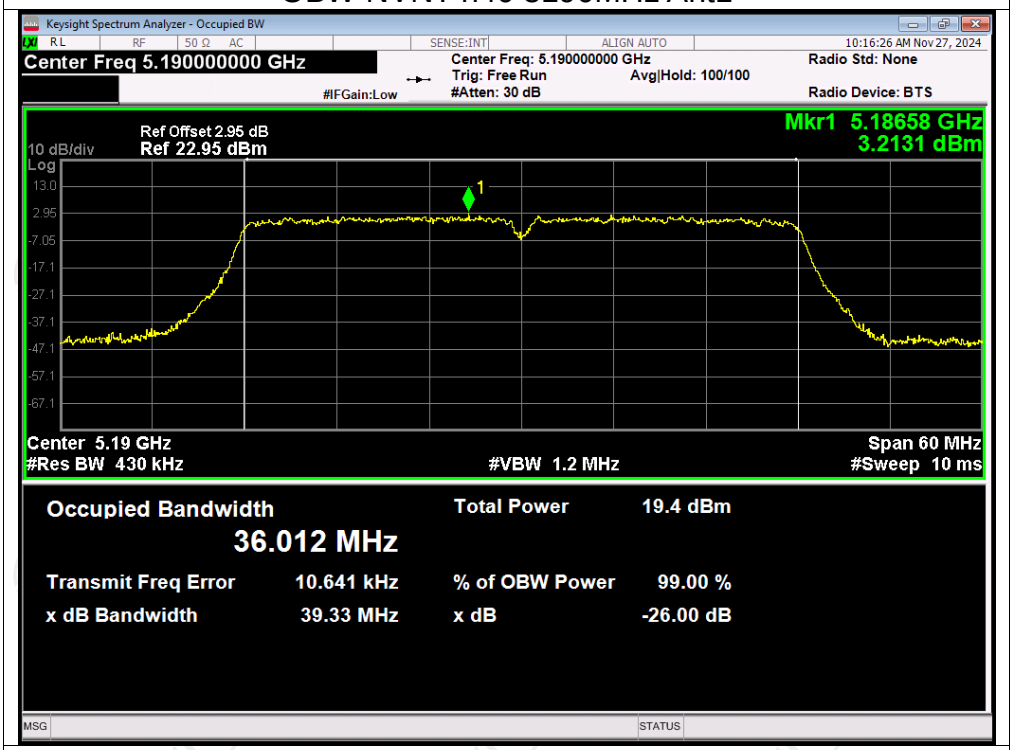
OBW NVNT n20 5200MHz Ant1



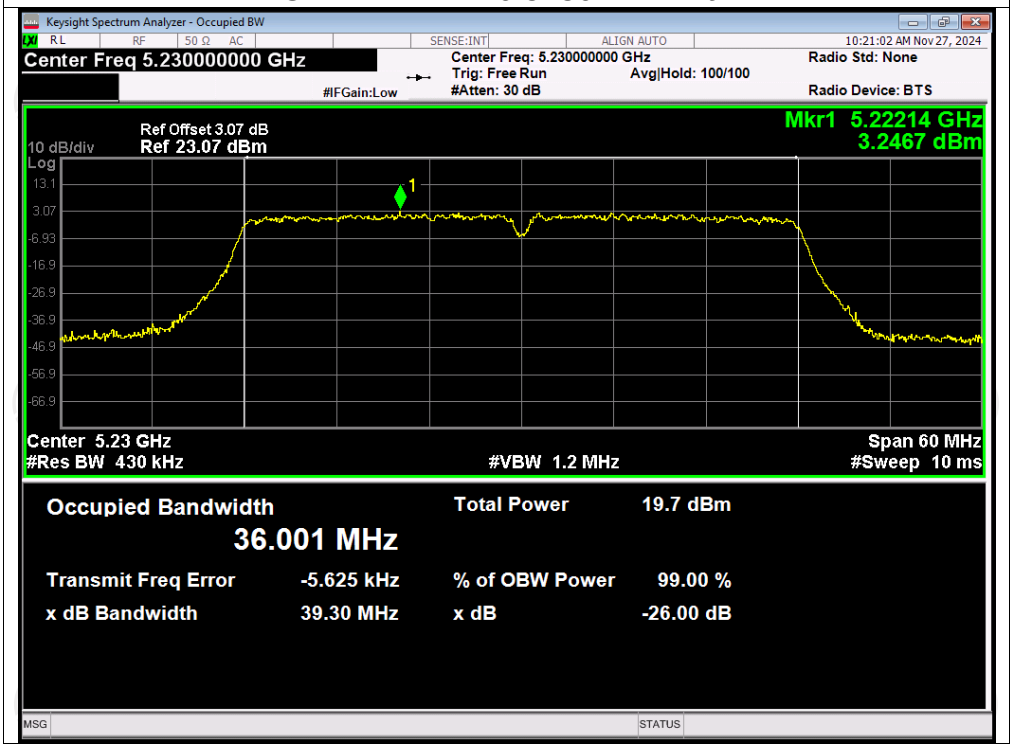

OBW NVNT n20 5240MHz Ant1



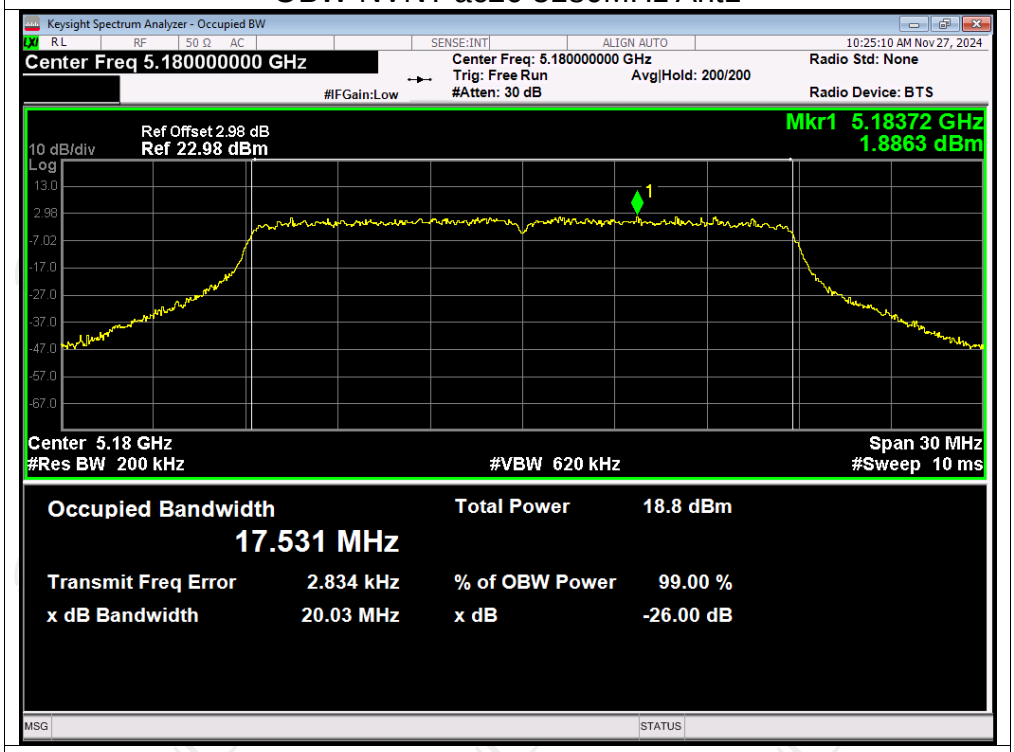
OBW NVNT n40 5190MHz Ant1



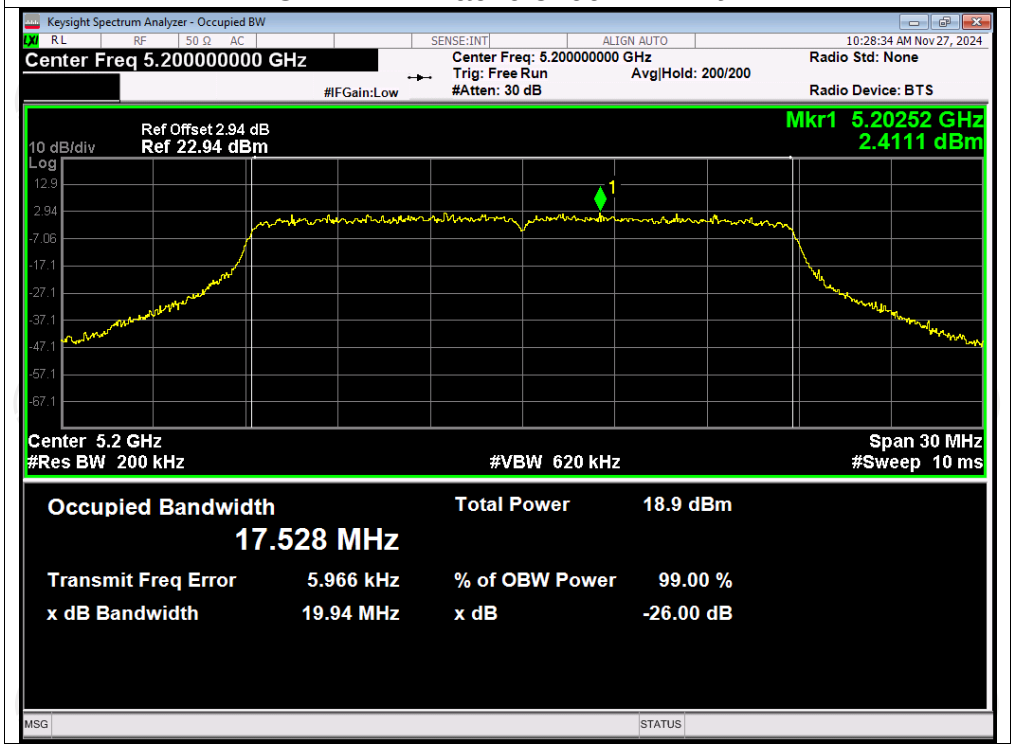

OBW NVNT n40 5230MHz Ant1



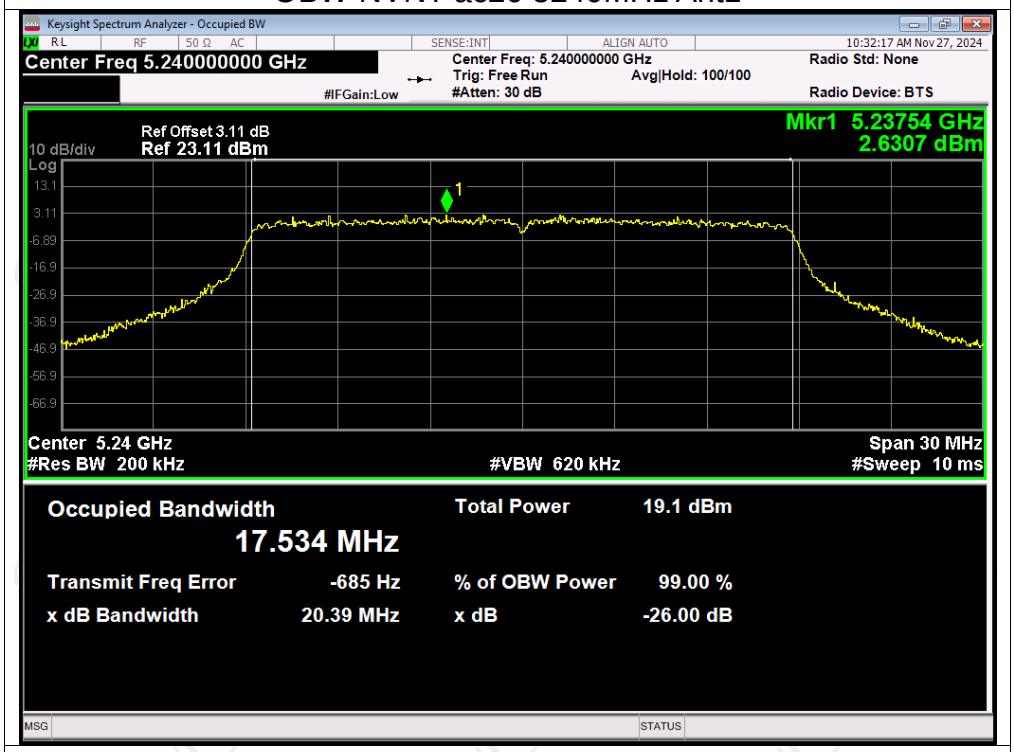
OBW NVNT ac20 5180MHz Ant1



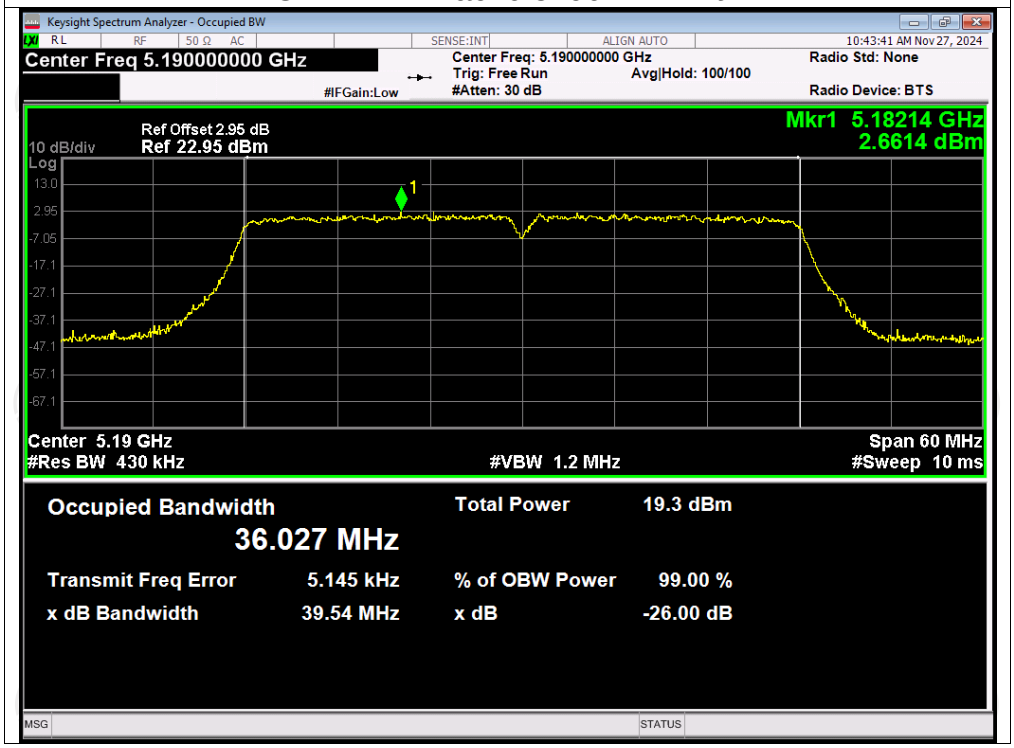

OBW NVNT ac20 5200MHz Ant1



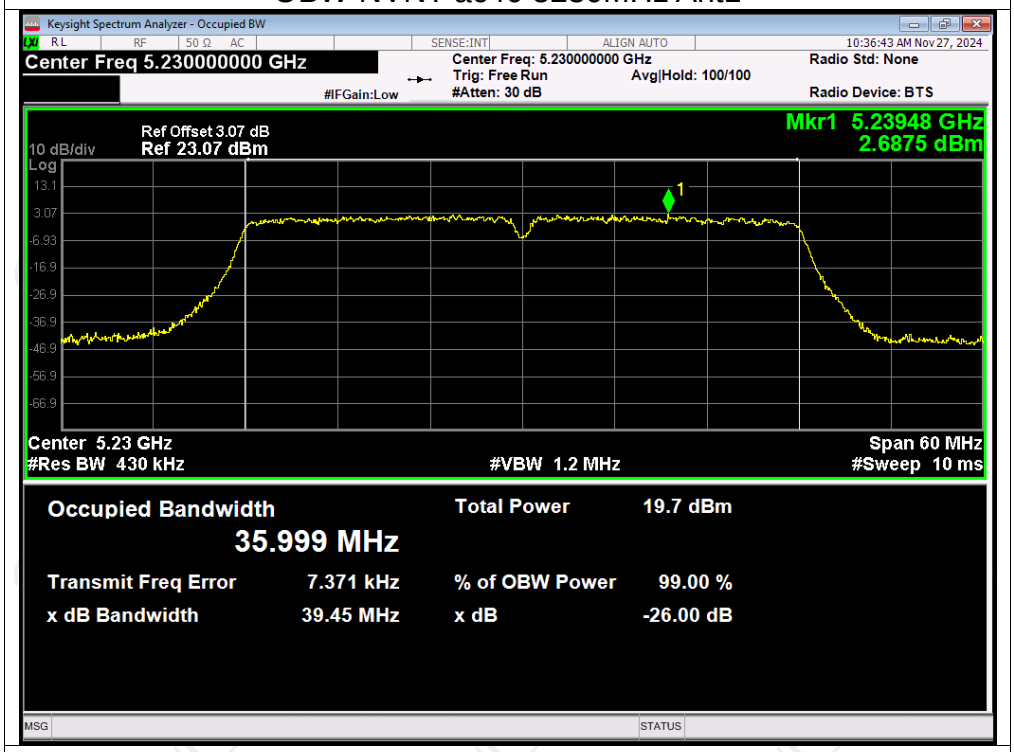
OBW NVNT ac20 5240MHz Ant1



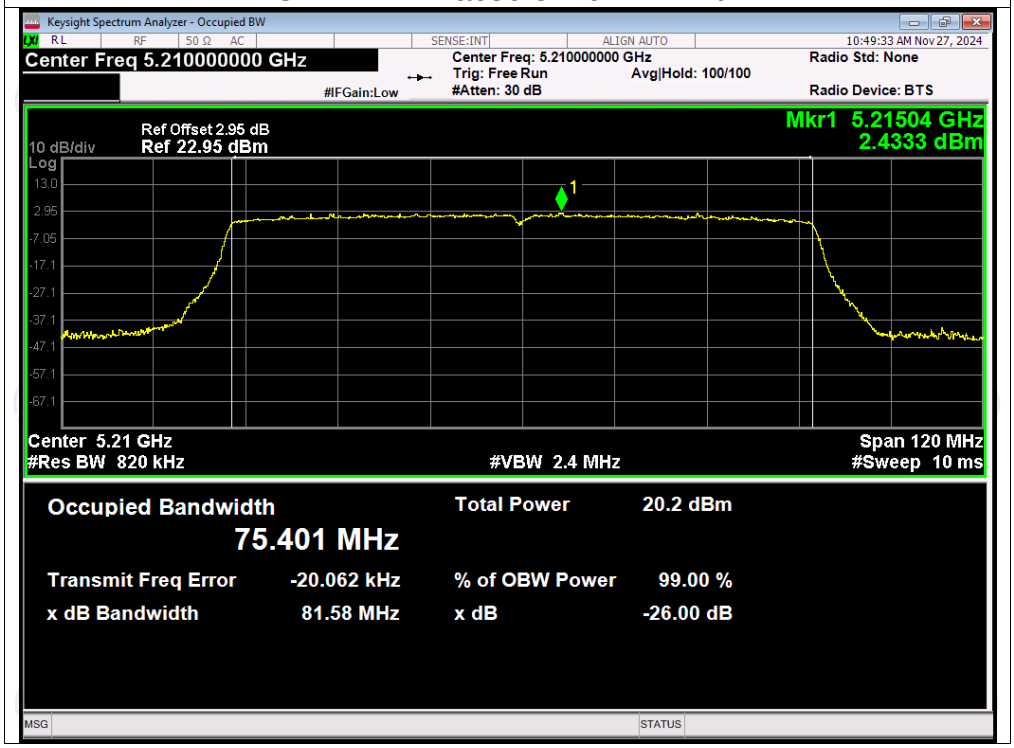

OBW NVNT ac40 5190MHz Ant1



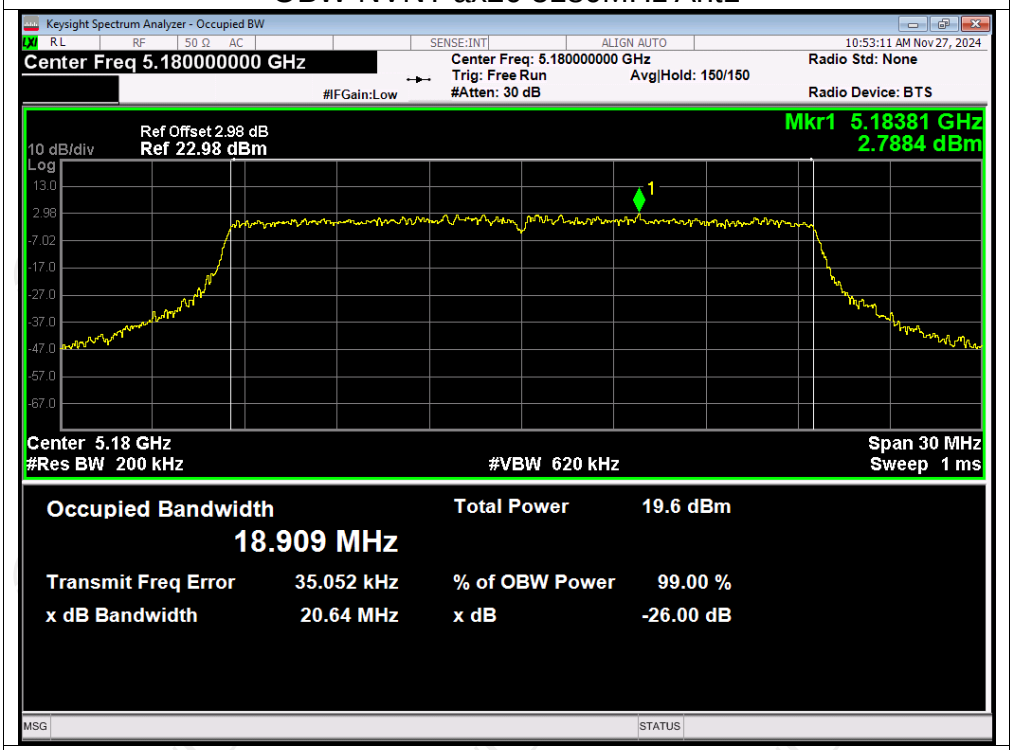
OBW NVNT ac40 5230MHz Ant1



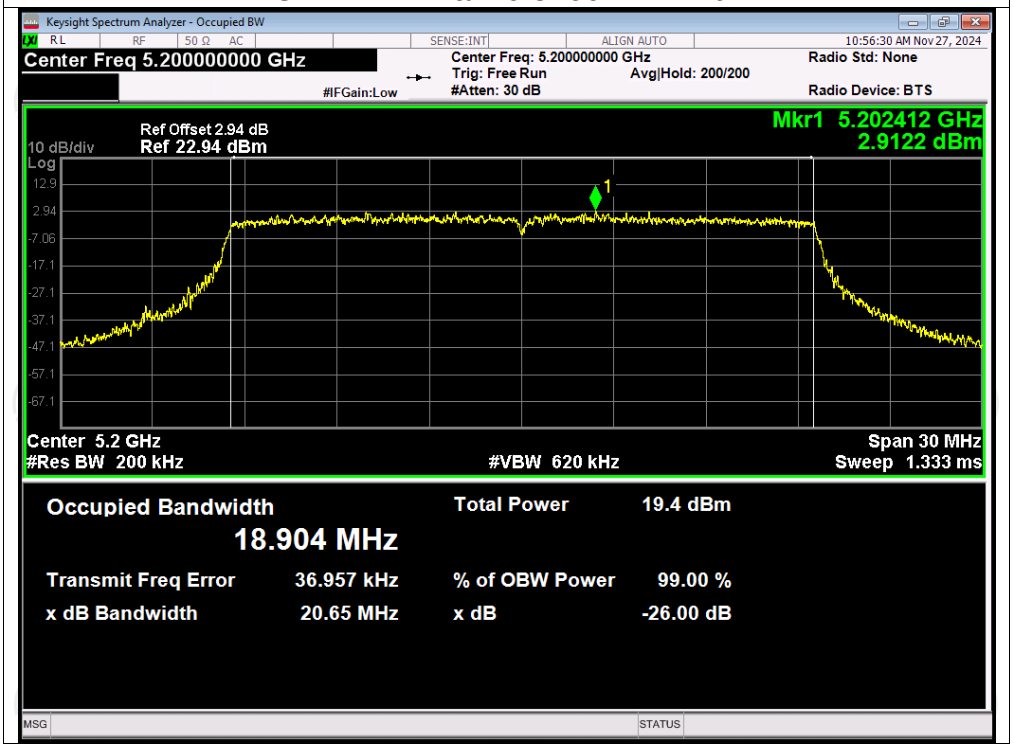

OBW NVNT ac80 5210MHz Ant1



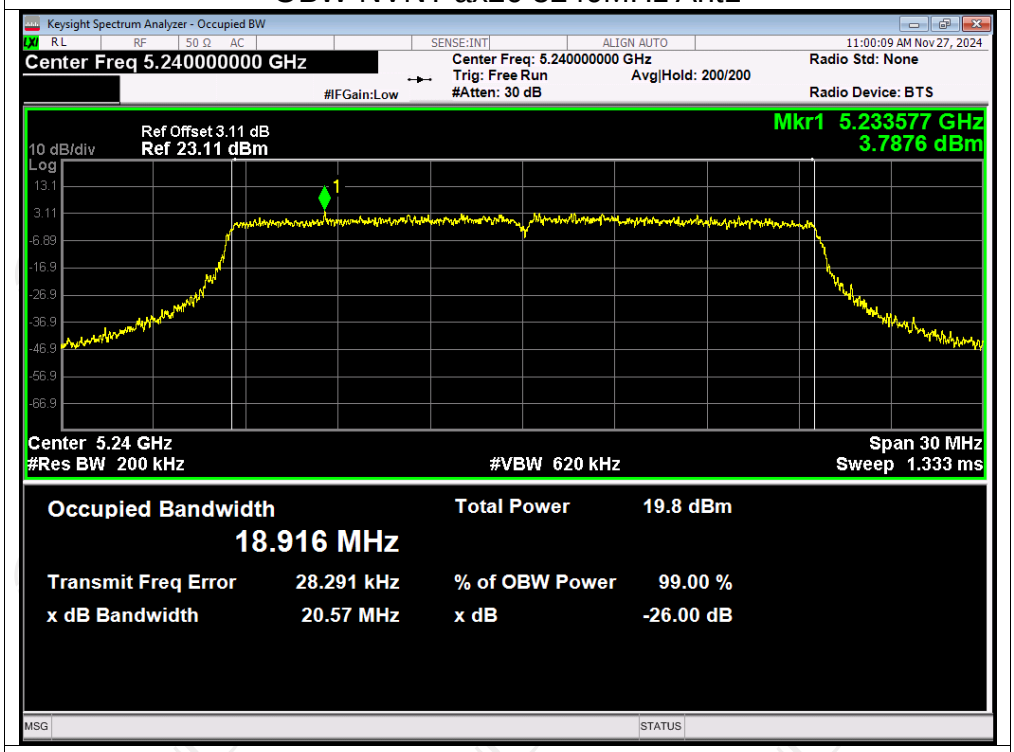
OBW NVNT ax20 5180MHz Ant1



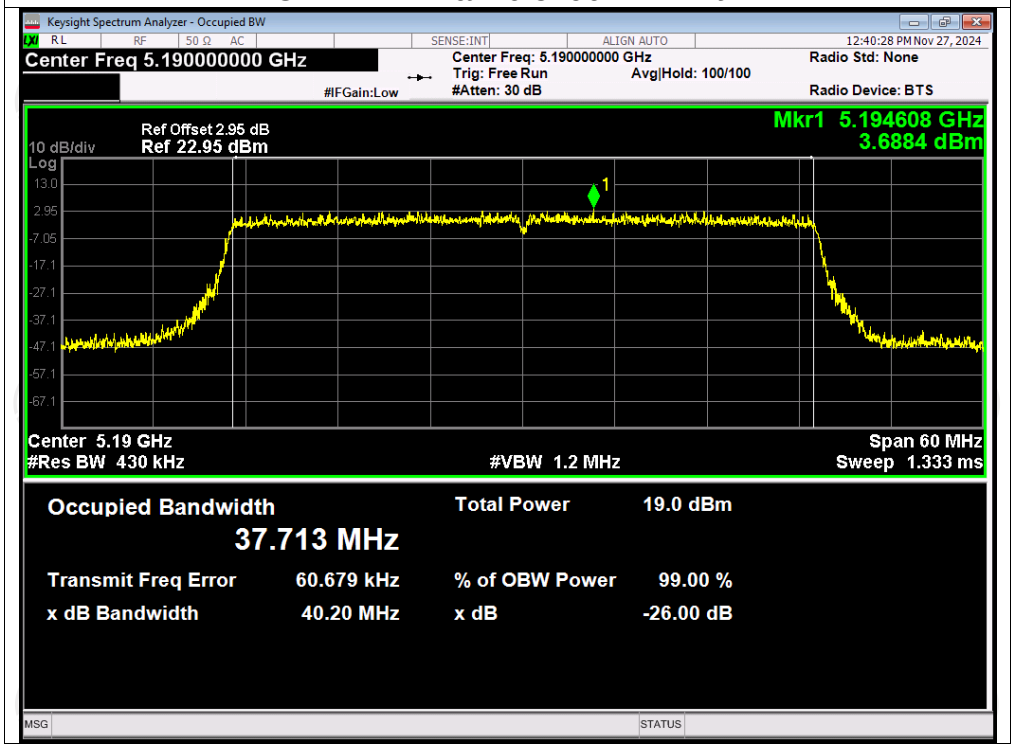

OBW NVNT ax20 5200MHz Ant1



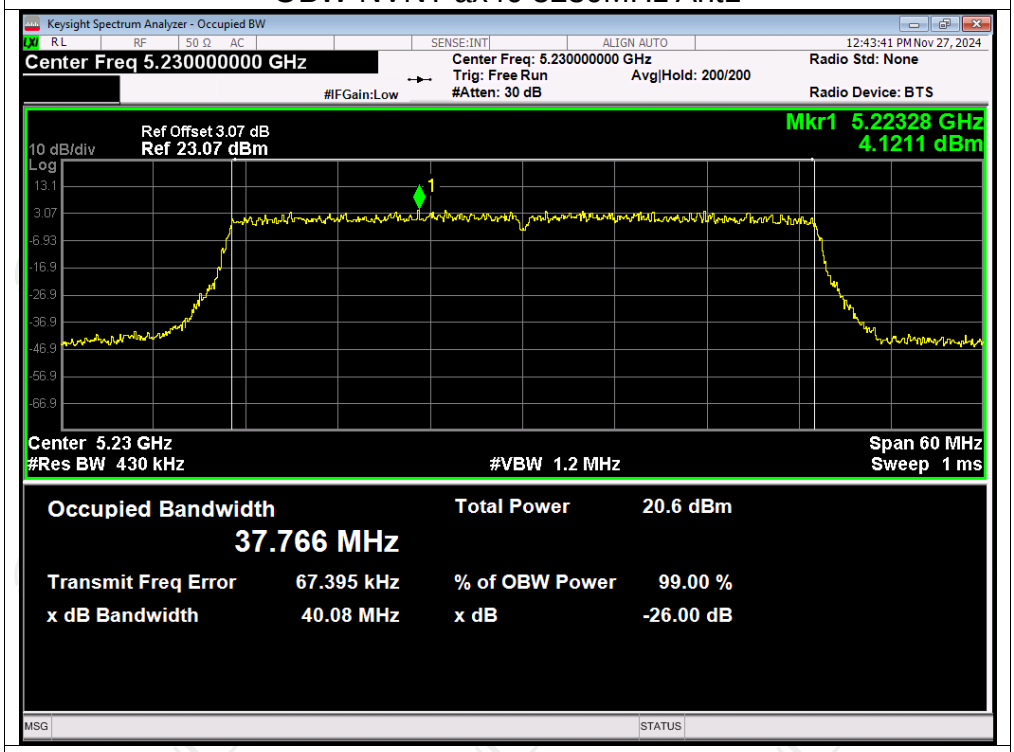
OBW NVNT ax20 5240MHz Ant1



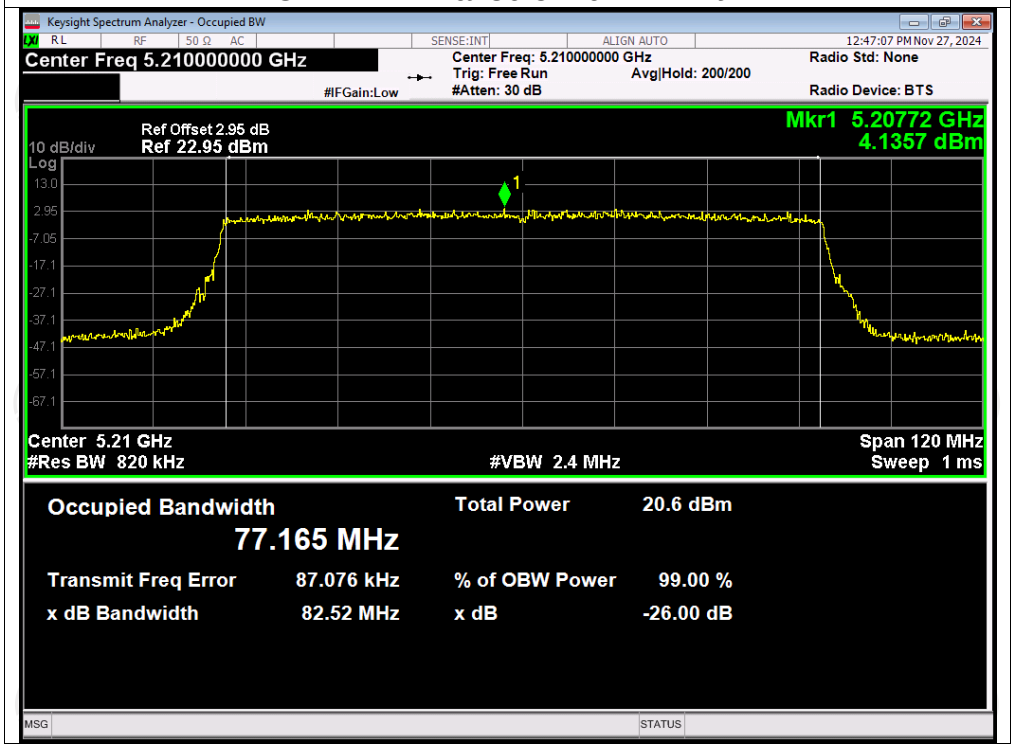

OBW NVNT ax40 5190MHz Ant1



OBW NVNT ax40 5230MHz Ant1

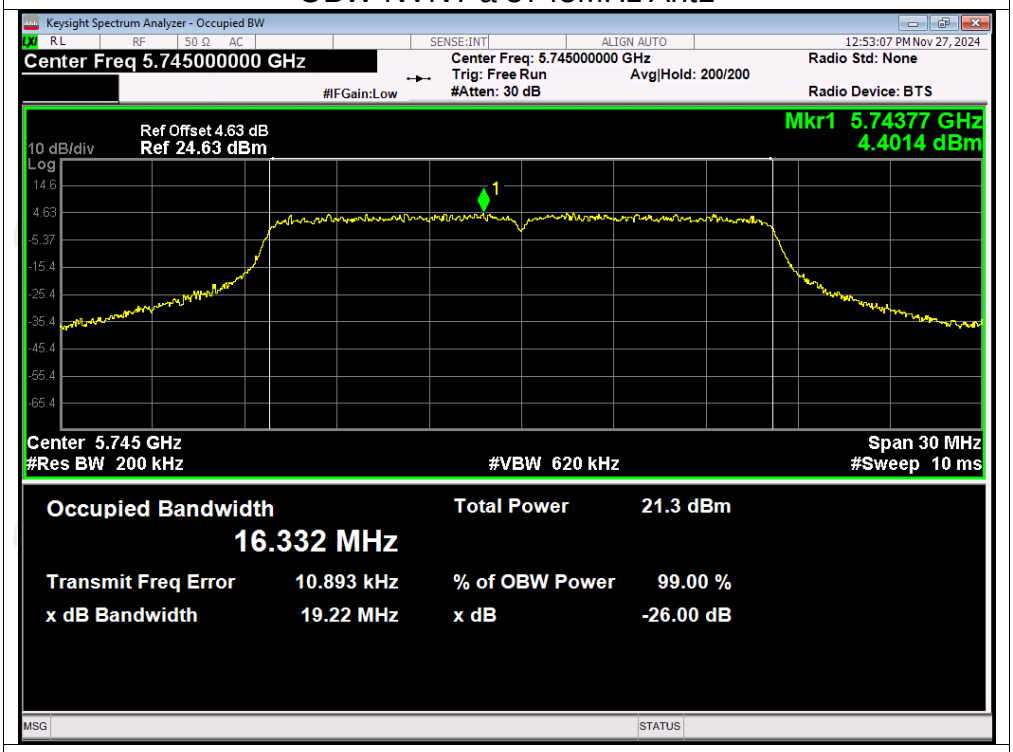



OBW NVNT ax80 5210MHz Ant1

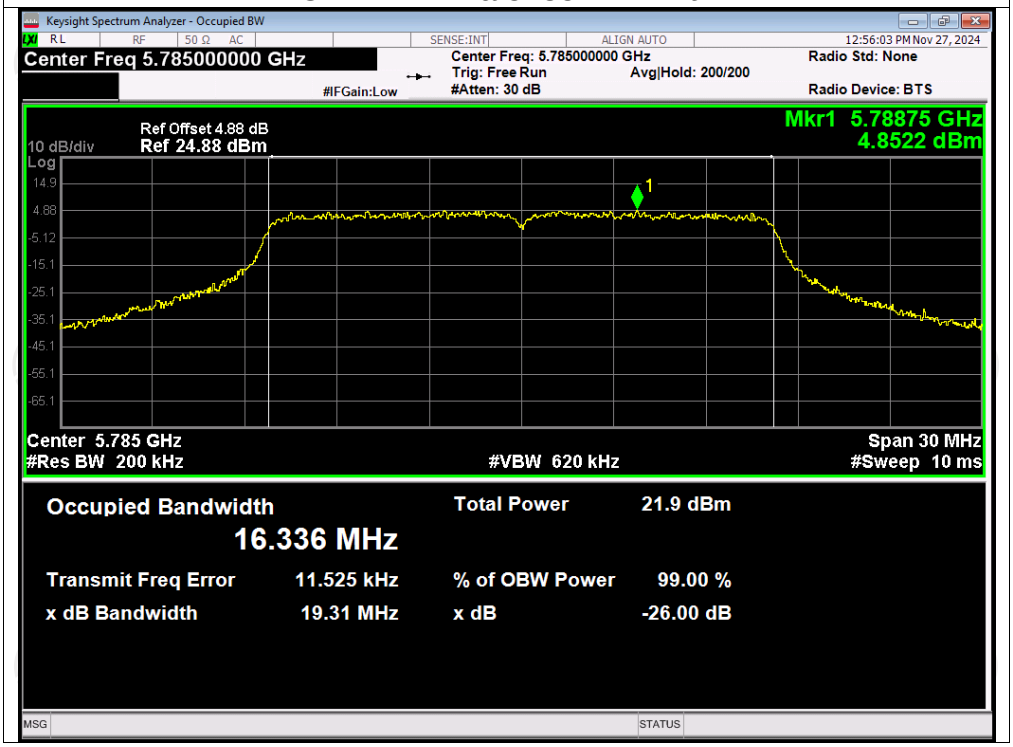


## Test Graphs

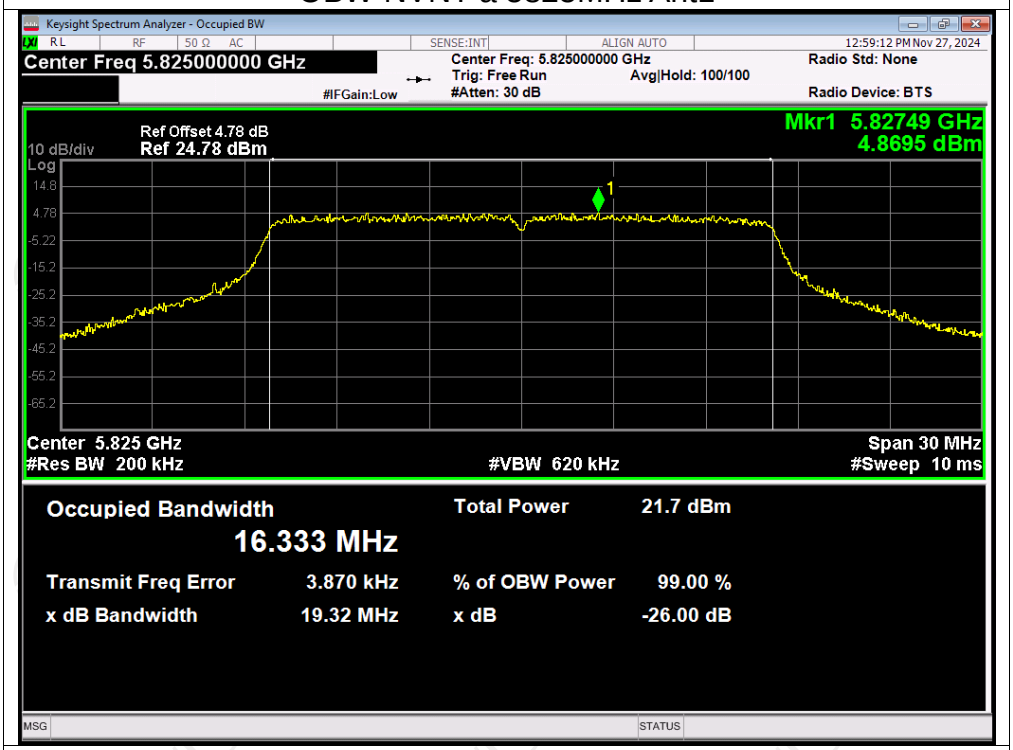
### OBW NVNT a 5745MHz Ant1



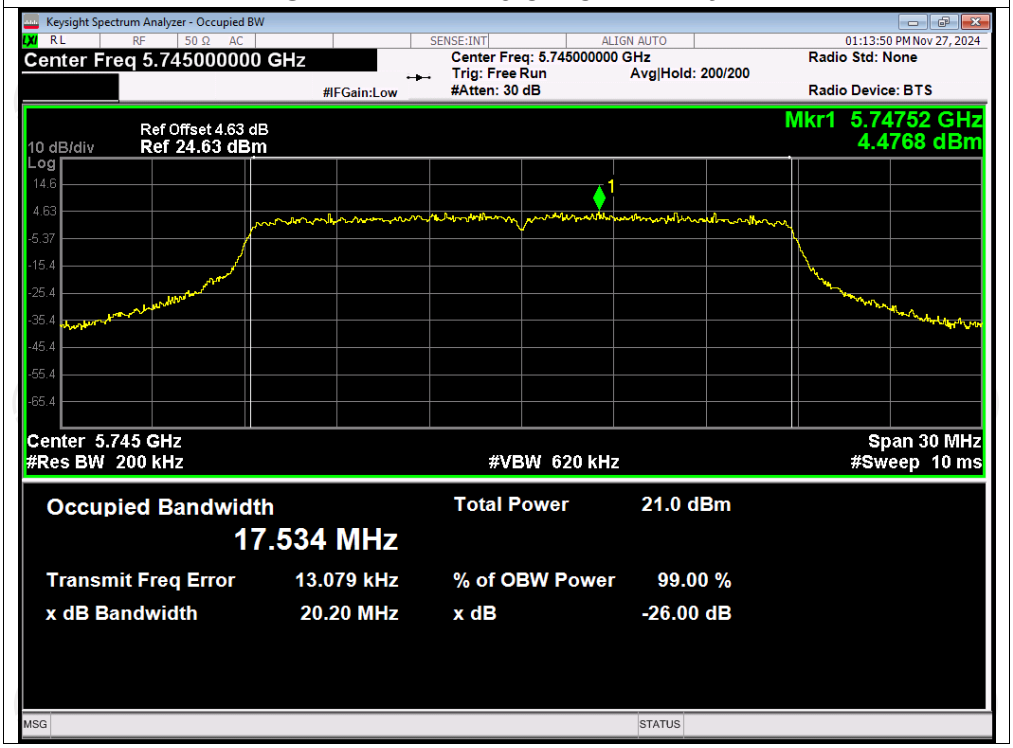

### OBW NVNT a 5785MHz Ant1



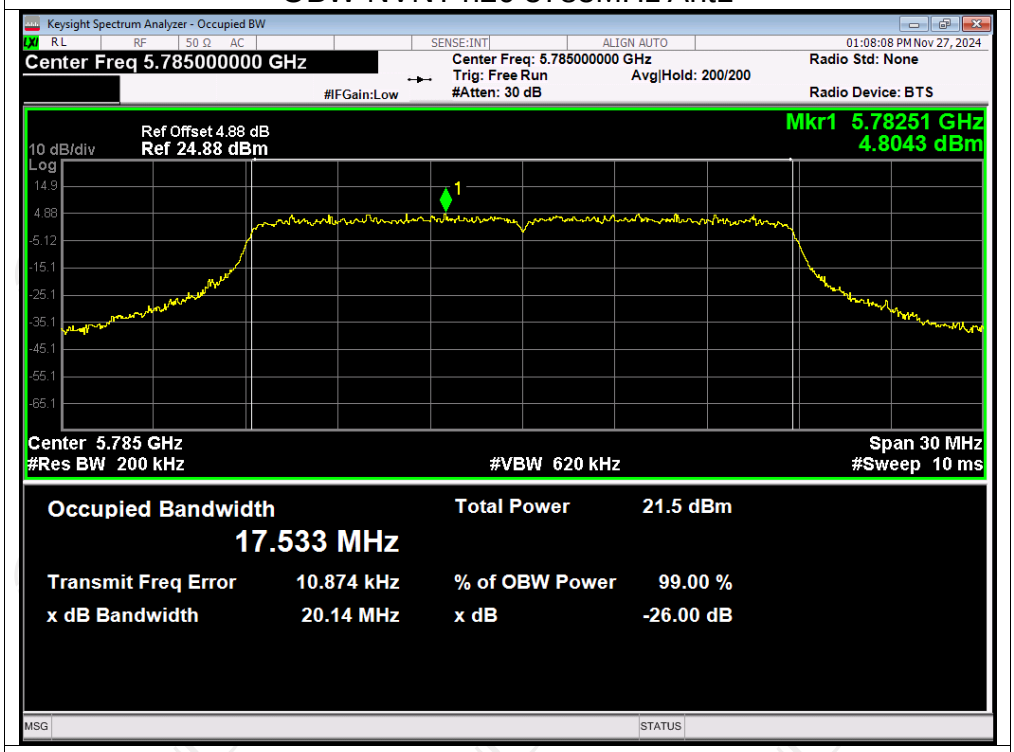
OBW NVNT a 5825MHz Ant1



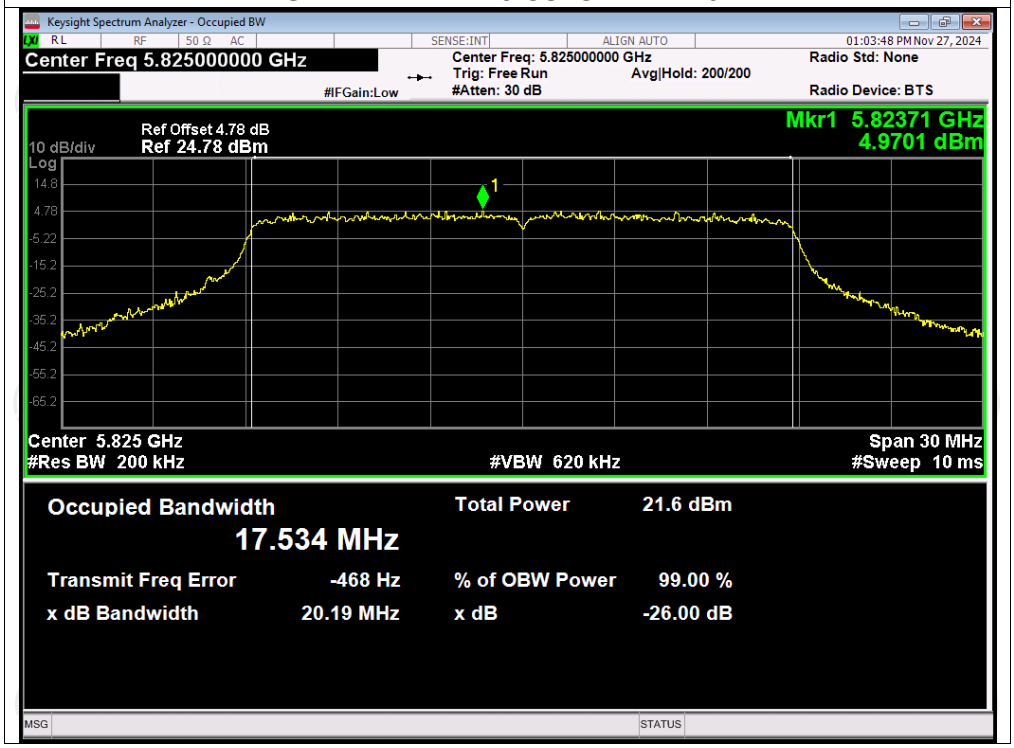

OBW NVNT n20 5745MHz Ant1



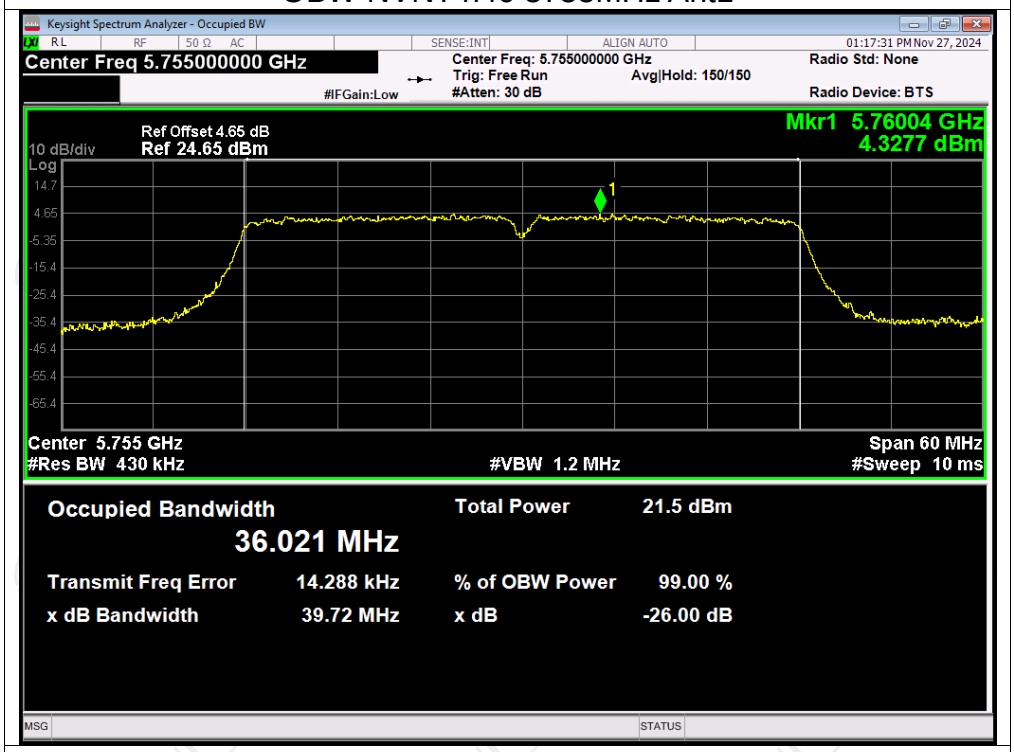
OBW NVNT n20 5785MHz Ant1



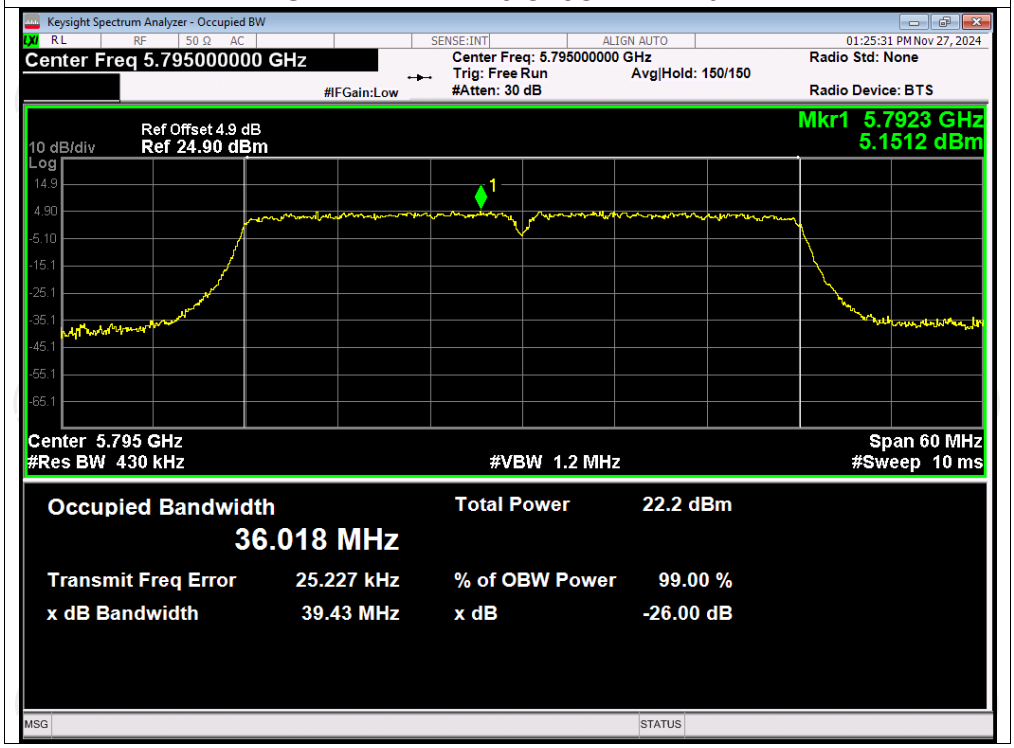

OBW NVNT n20 5825MHz Ant1



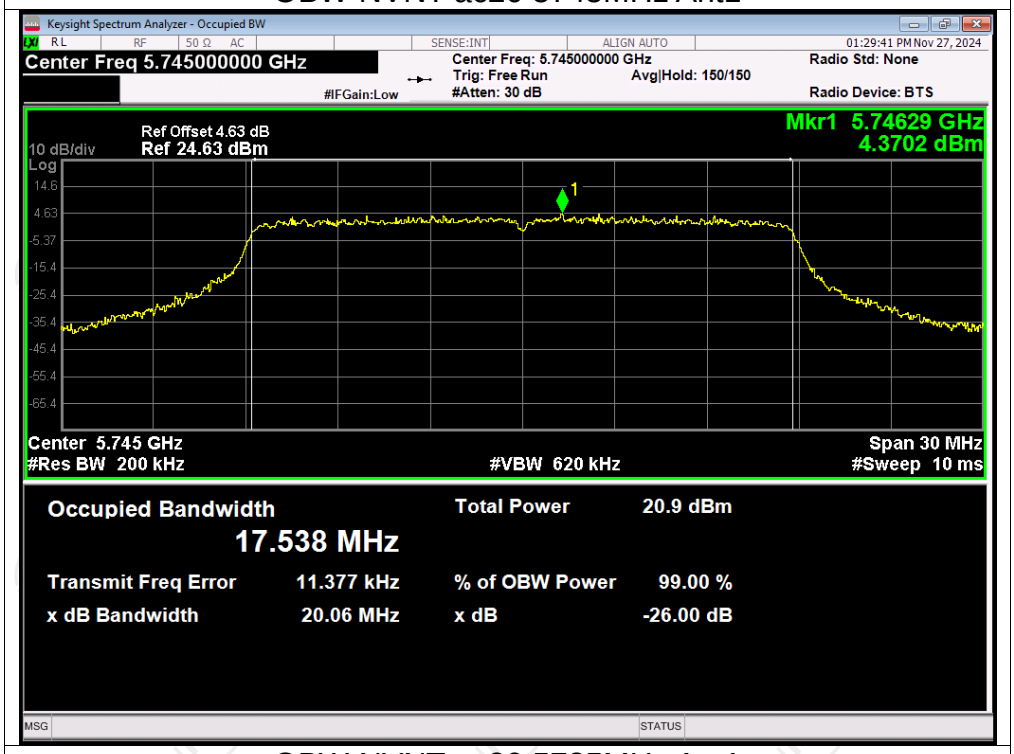
OBW NVNT n40 5755MHz Ant1



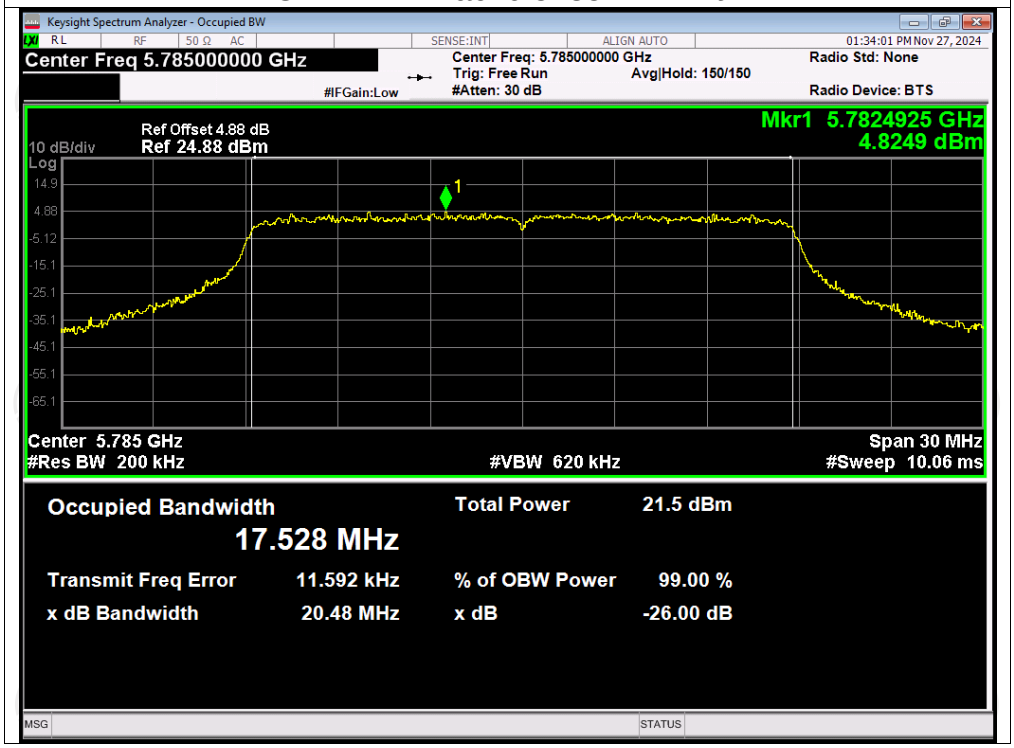

OBW NVNT n40 5795MHz Ant1



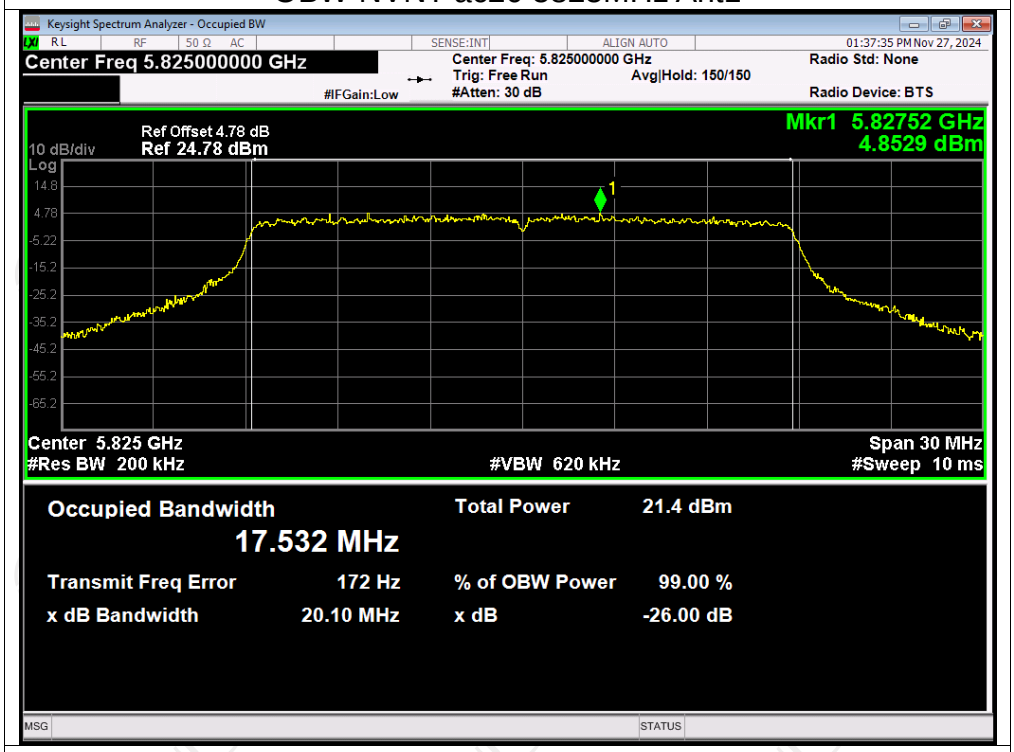
OBW NVNT ac20 5745MHz Ant1



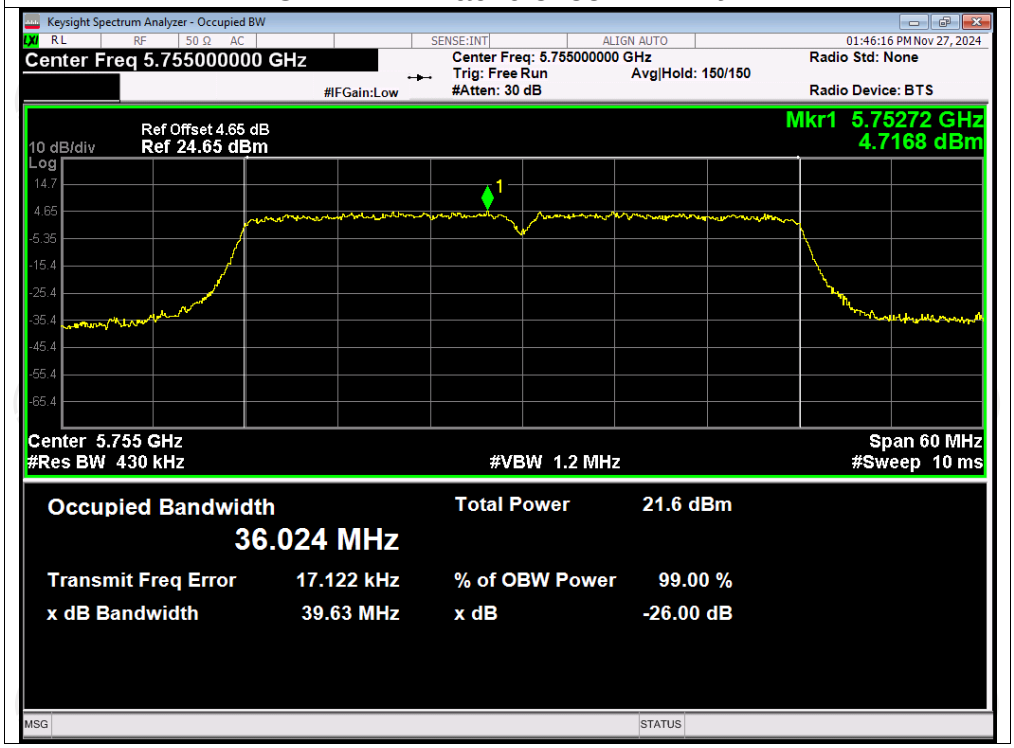

OBW NVNT ac20 5785MHz Ant1



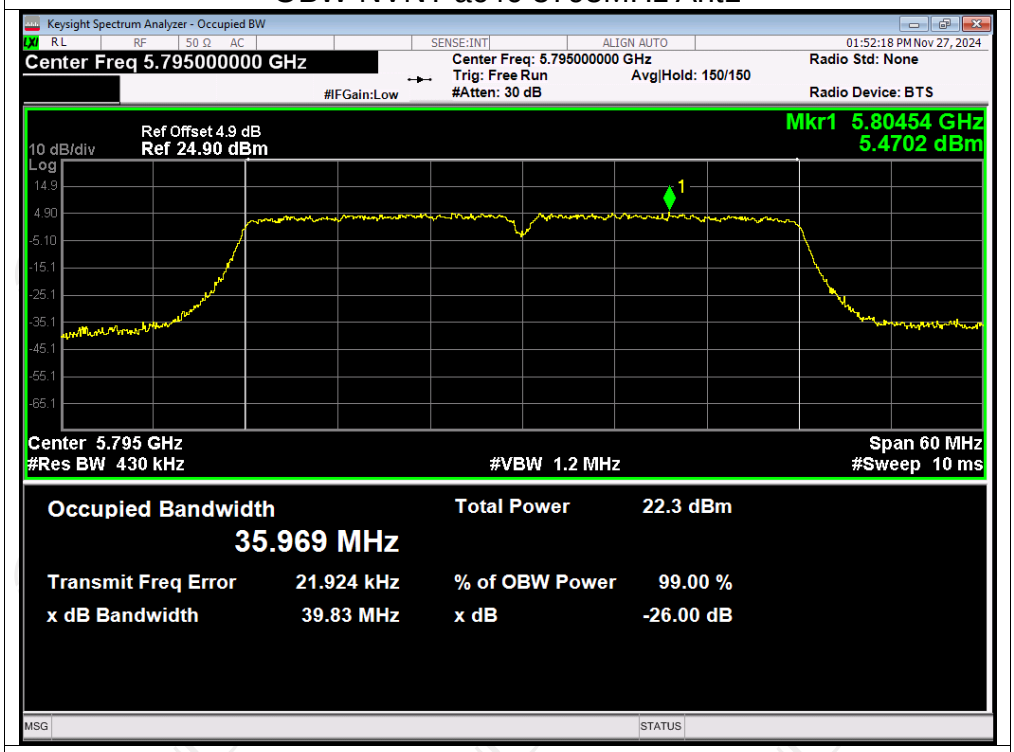
OBW NVNT ac20 5825MHz Ant1



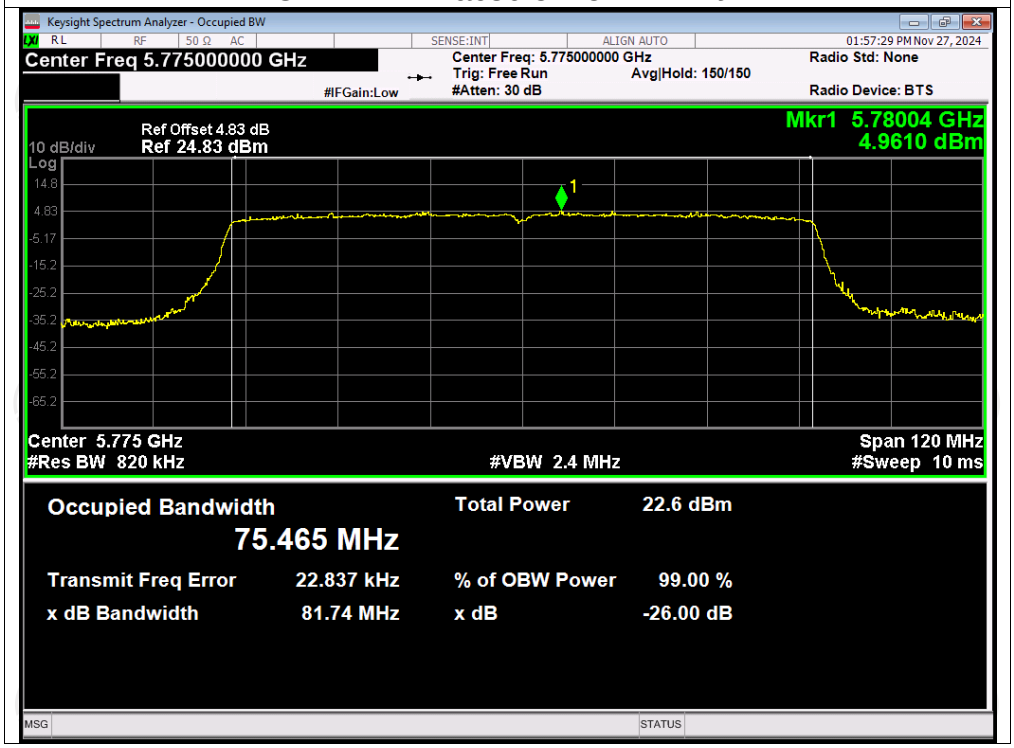

OBW NVNT ac40 5755MHz Ant1



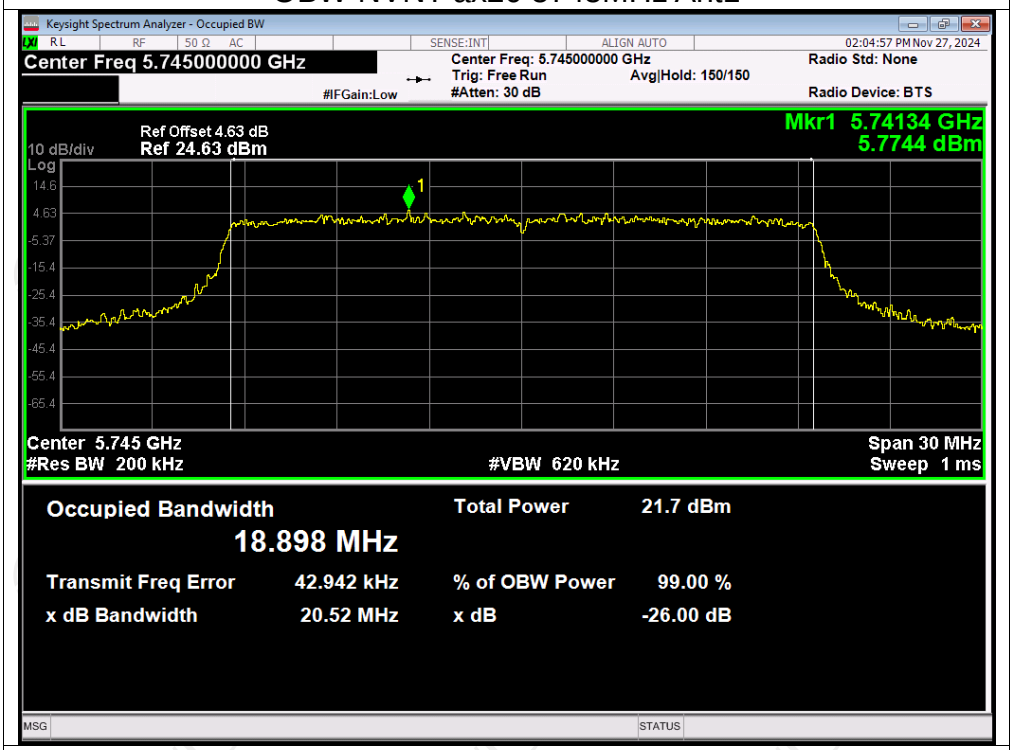
OBW NVNT ac40 5795MHz Ant1



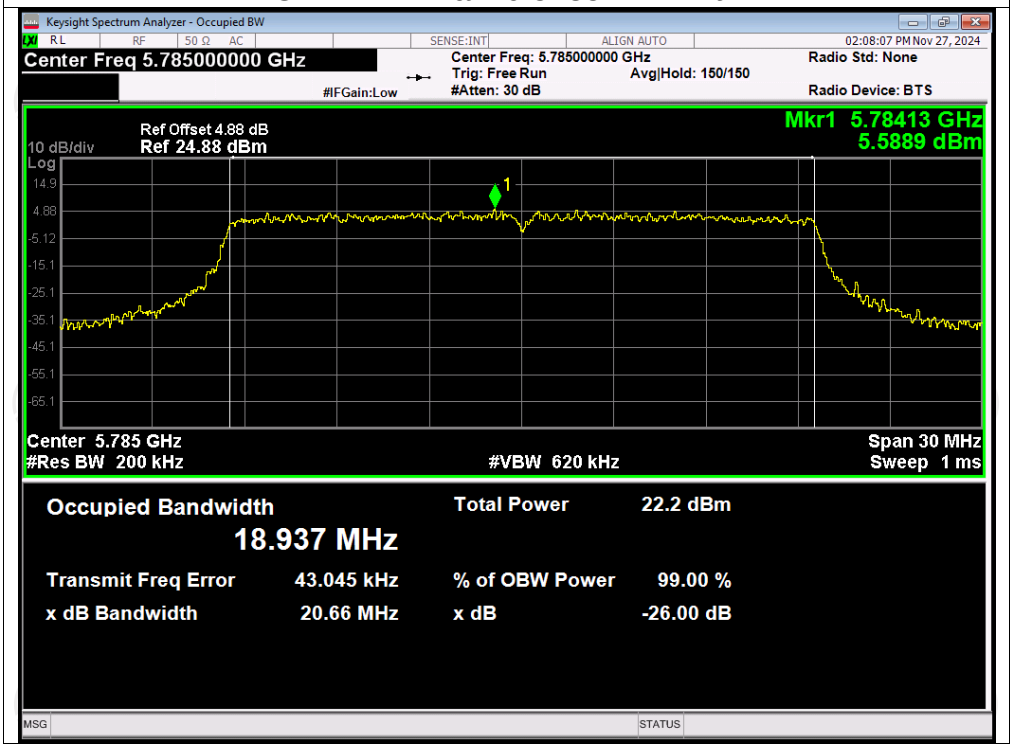

OBW NVNT ac80 5775MHz Ant1



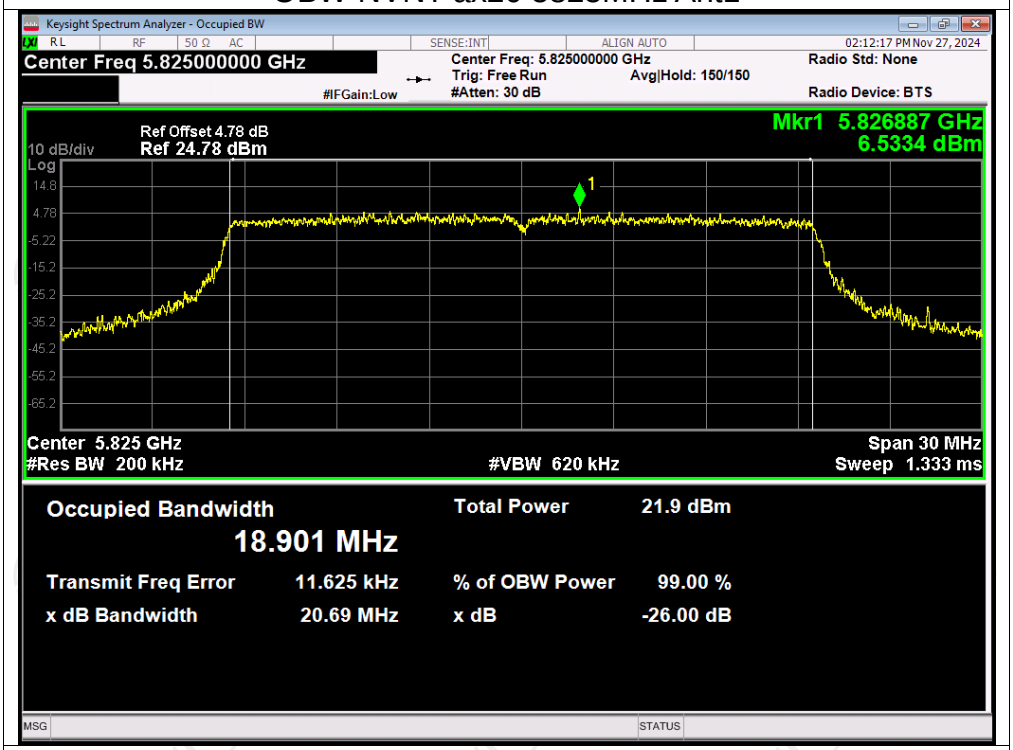
OBW NVNT ax20 5745MHz Ant1



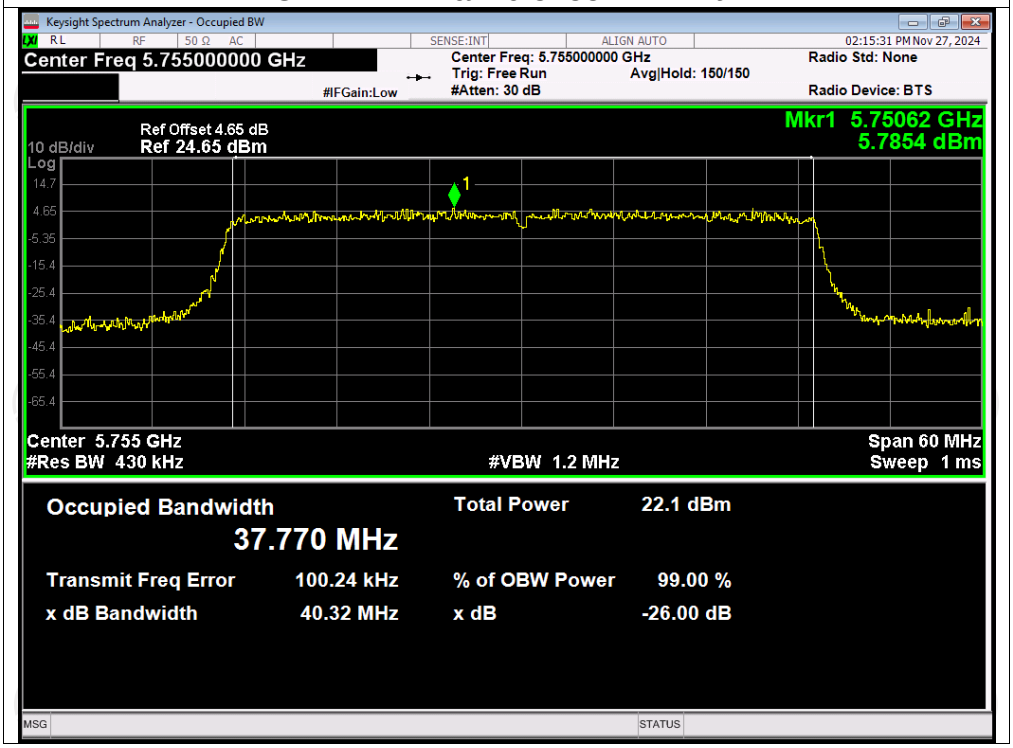

OBW NVNT ax20 5785MHz Ant1



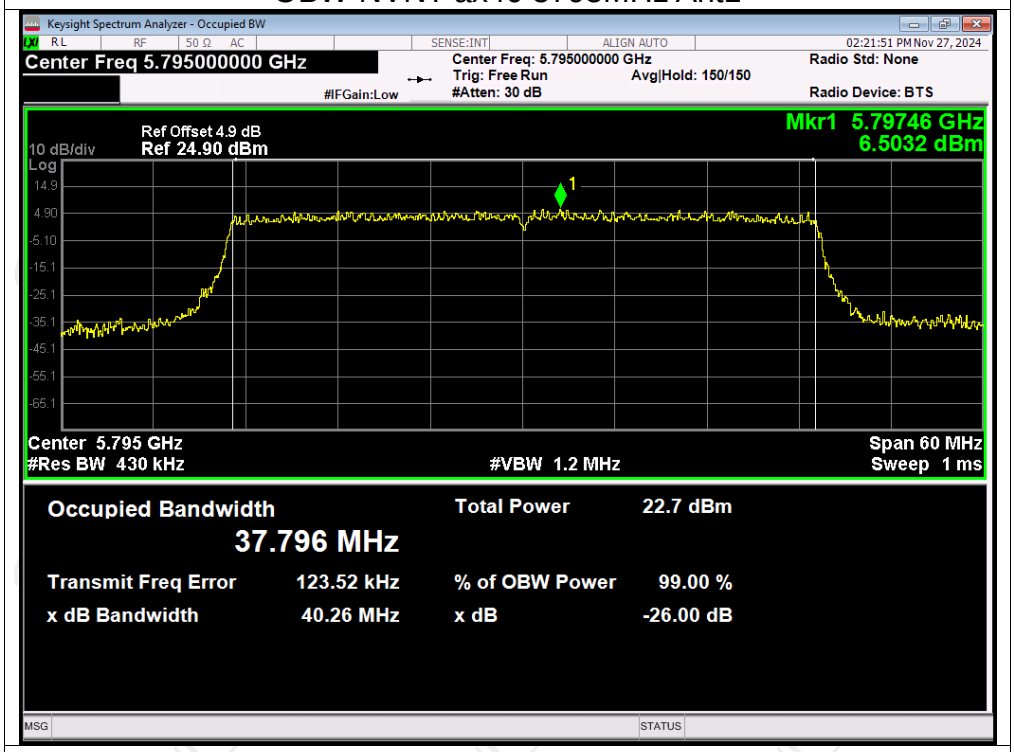
OBW NVNT ax20 5825MHz Ant1



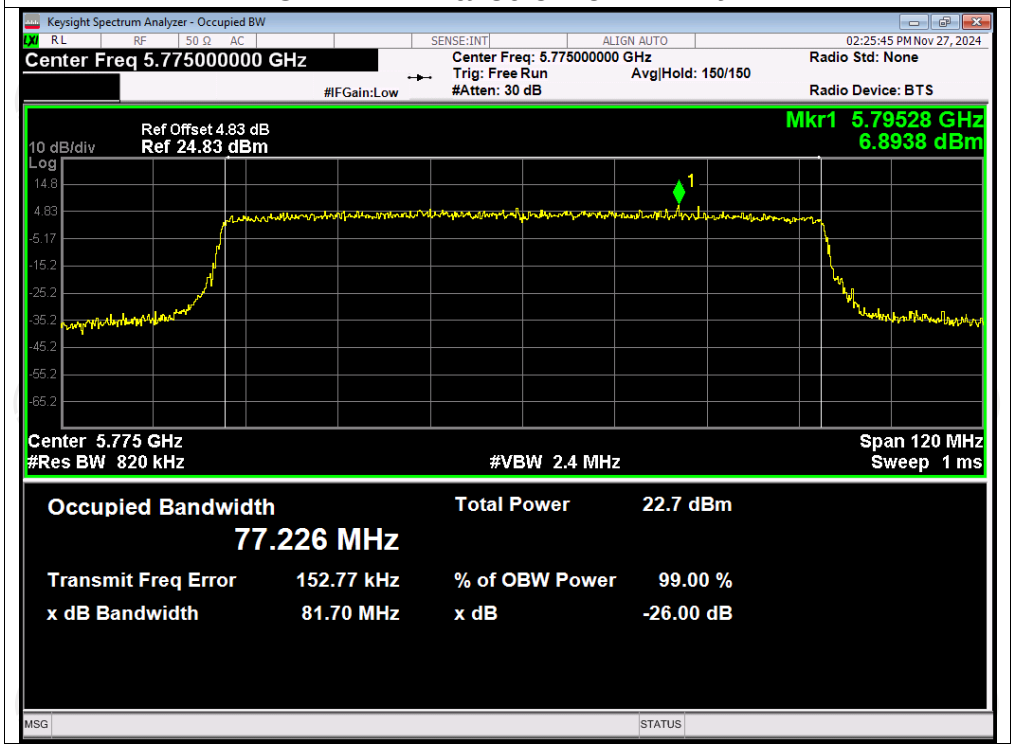

OBW NVNT ax40 5755MHz Ant1



OBW NVNT ax40 5795MHz Ant1




OBW NVNT ax80 5775MHz Ant1

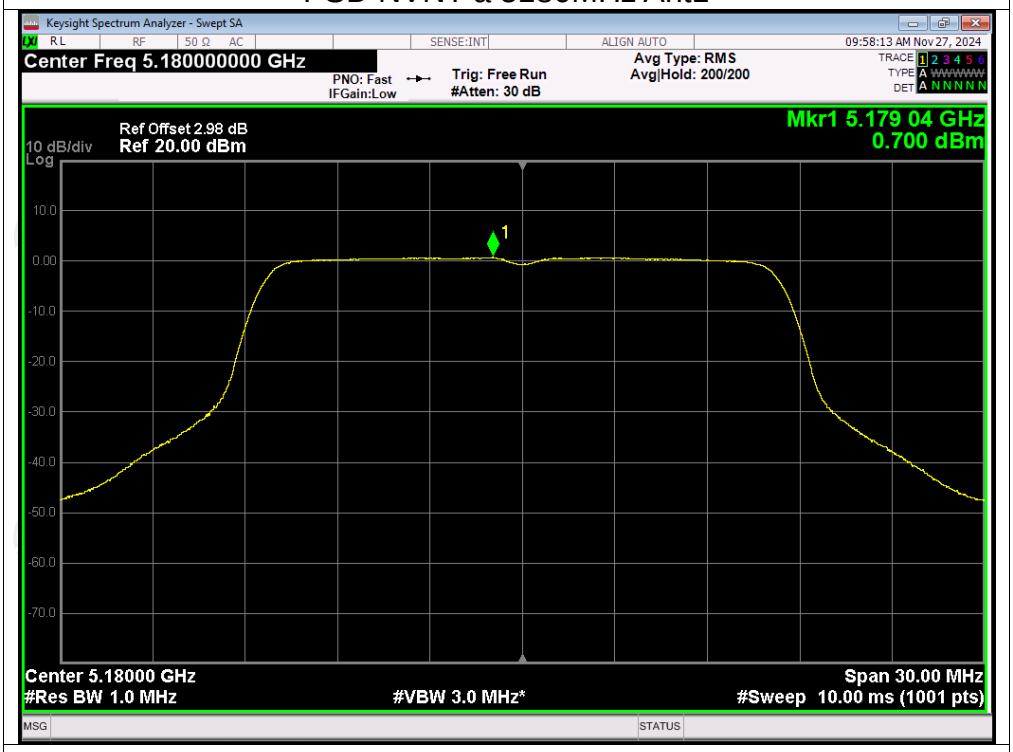


## Maximum Power Spectral Density Level

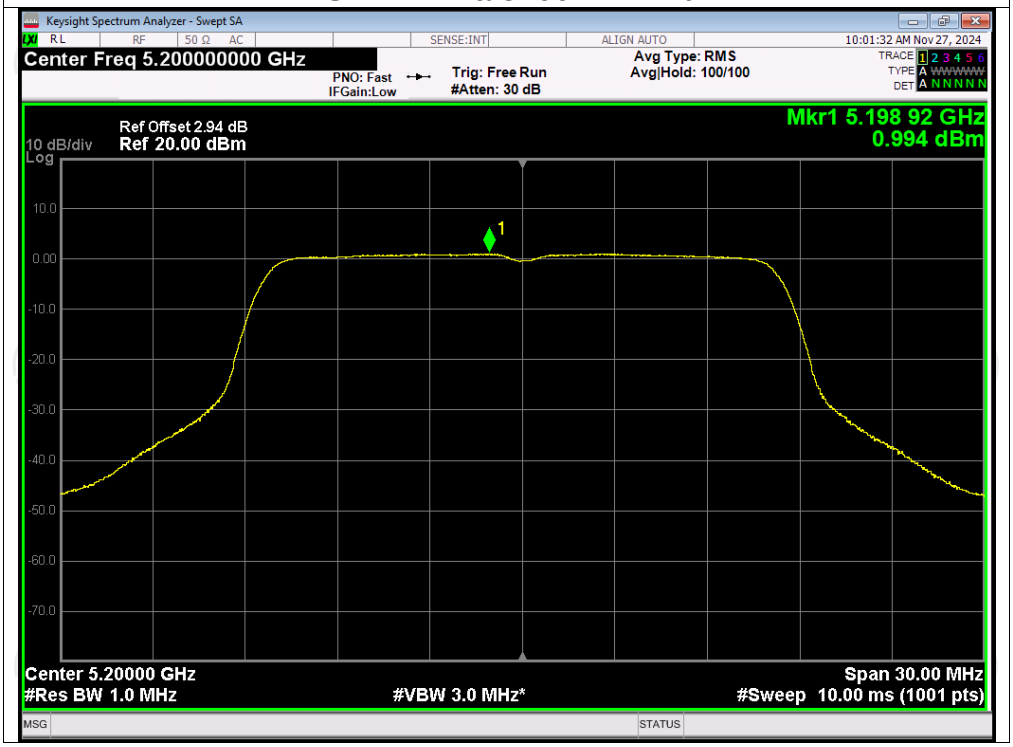
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | a | 5180 | Ant1 | 0.70 | 11 | Pass |
| NVNT | a | 5200 | Ant1 | 0.99 | 11 | Pass |
| NVNT | a | 5240 | Ant1 | 1.44 | 11 | Pass |
| NVNT | n20 | 5180 | Ant1 | 0.49 | 11 | Pass |
| NVNT | n20 | 5200 | Ant1 | 0.72 | 11 | Pass |
| NVNT | n20 | 5240 | Ant1 | 1.07 | 11 | Pass |
| NVNT | n40 | 5190 | Ant1 | -2.29 | 11 | Pass |
| NVNT | n40 | 5230 | Ant1 | -1.93 | 11 | Pass |
| NVNT | ac20 | 5180 | Ant1 | 0.44 | 11 | Pass |
| NVNT | ac20 | 5200 | Ant1 | 0.59 | 11 | Pass |
| NVNT | ac20 | 5240 | Ant1 | 1.01 | 11 | Pass |
| NVNT | ac40 | 5190 | Ant1 | -2.30 | 11 | Pass |
| NVNT | ac40 | 5230 | Ant1 | -1.90 | 11 | Pass |
| NVNT | ac80 | 5210 | Ant1 | -5.14 | 11 | Pass |
| NVNT | ax20 | 5180 | Ant1 | 1.19 | 11 | Pass |
| NVNT | ax20 | 5200 | Ant1 | 1.14 | 11 | Pass |
| NVNT | ax20 | 5240 | Ant1 | 1.91 | 11 | Pass |
| NVNT | ax40 | 5190 | Ant1 | -1.57 | 11 | Pass |
| NVNT | ax40 | 5230 | Ant1 | -1.12 | 11 | Pass |
| NVNT | ax80 | 5210 | Ant1 | -4.87 | 11 | Pass |
| NVNT | a | 5745 | Ant1 | 0.28 | 30 | Pass |
| NVNT | a | 5785 | Ant1 | 0.83 | 30 | Pass |
| NVNT | a | 5825 | Ant1 | 0.89 | 30 | Pass |
| NVNT | n20 | 5745 | Ant1 | -0.18 | 30 | Pass |
| NVNT | n20 | 5785 | Ant1 | 0.36 | 30 | Pass |
| NVNT | n20 | 5825 | Ant1 | 0.39 | 30 | Pass |
| NVNT | n40 | 5755 | Ant1 | -3.16 | 30 | Pass |
| NVNT | n40 | 5795 | Ant1 | -2.42 | 30 | Pass |
| NVNT | ac20 | 5745 | Ant1 | -0.17 | 30 | Pass |
| NVNT | ac20 | 5785 | Ant1 | 0.35 | 30 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 0.36 | 30 | Pass |
| NVNT | ac40 | 5755 | Ant1 | -3.01 | 30 | Pass |
| NVNT | ac40 | 5795 | Ant1 | -2.39 | 30 | Pass |
| NVNT | ac80 | 5775 | Ant1 | -5.79 | 30 | Pass |
| NVNT | ax20 | 5745 | Ant1 | 0.35 | 30 | Pass |
| NVNT | ax20 | 5785 | Ant1 | 0.78 | 30 | Pass |
| NVNT | ax20 | 5825 | Ant1 | 1.23 | 30 | Pass |
| NVNT | ax40 | 5755 | Ant1 | -2.75 | 30 | Pass |
| NVNT | ax40 | 5795 | Ant1 | -1.84 | 30 | Pass |
| NVNT | ax80 | 5775 | Ant1 | -5.55 | 30 | Pass |

## Test Graphs

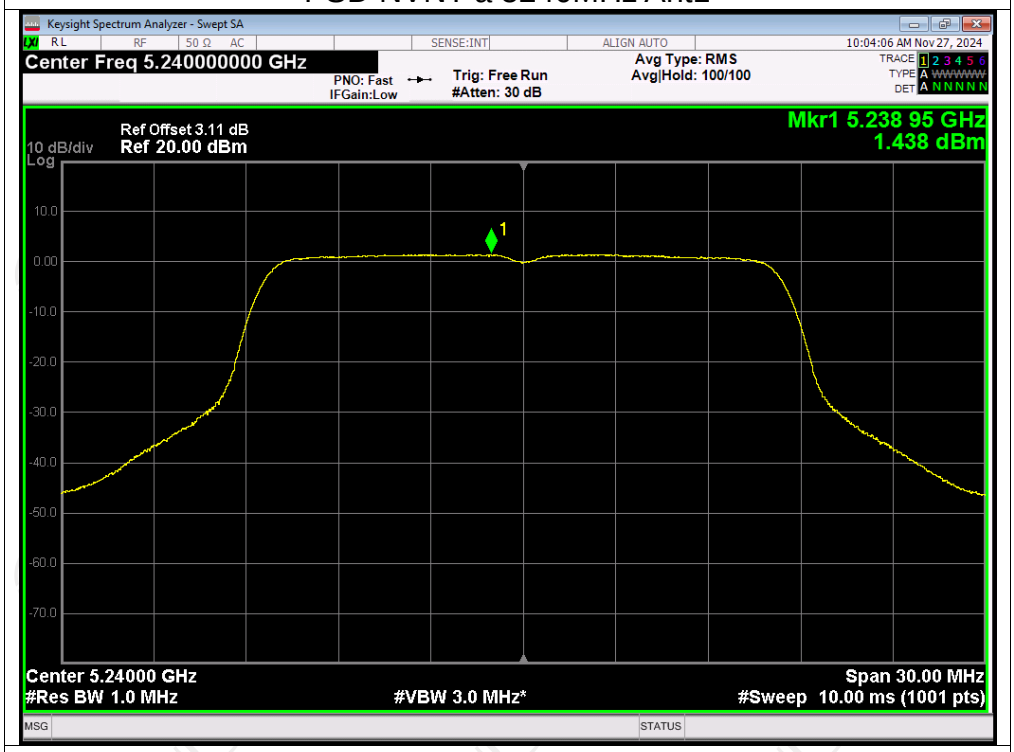
### PSD NVNT a 5180MHz Ant1



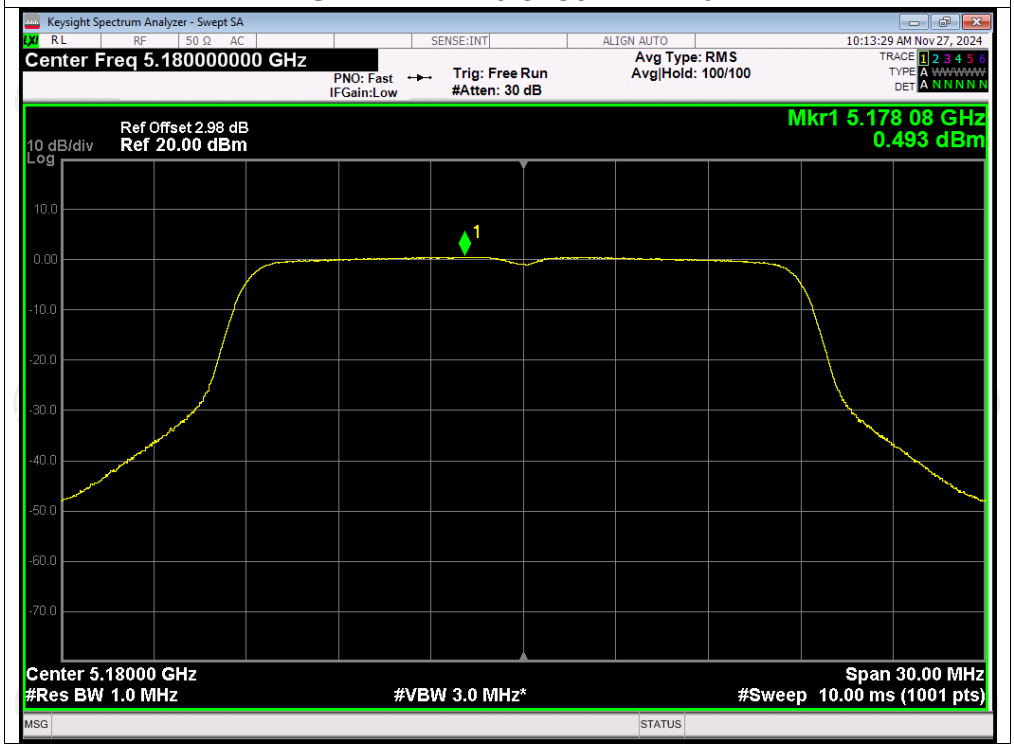

### PSD NVNT a 5200MHz Ant1



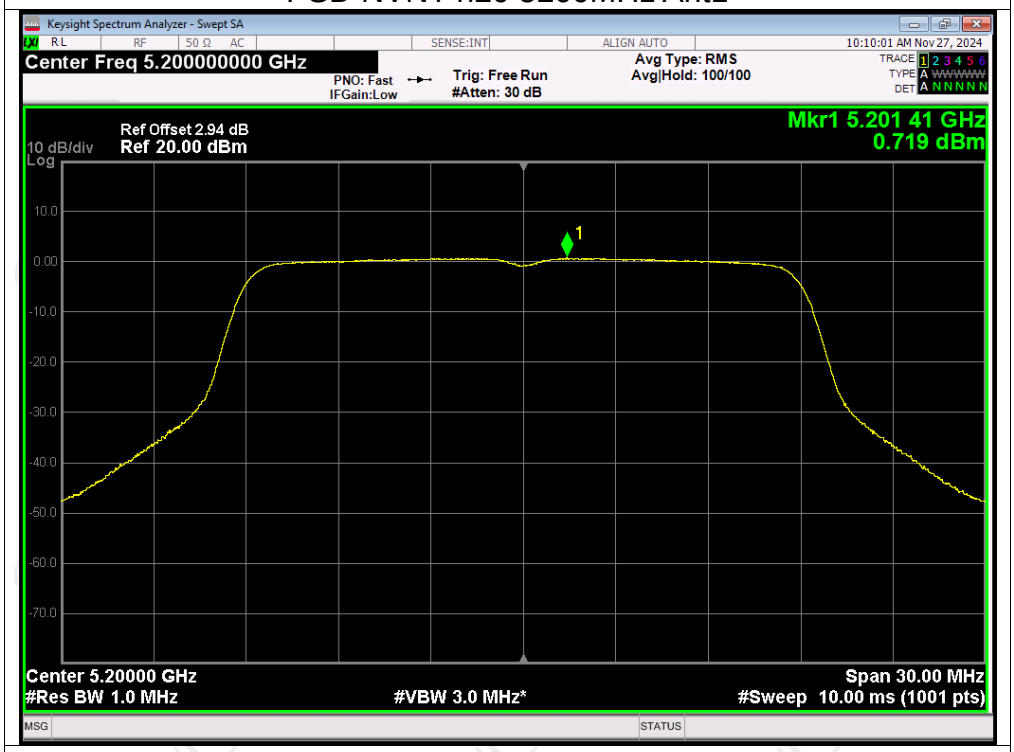
PSD NVNT a 5240MHz Ant1



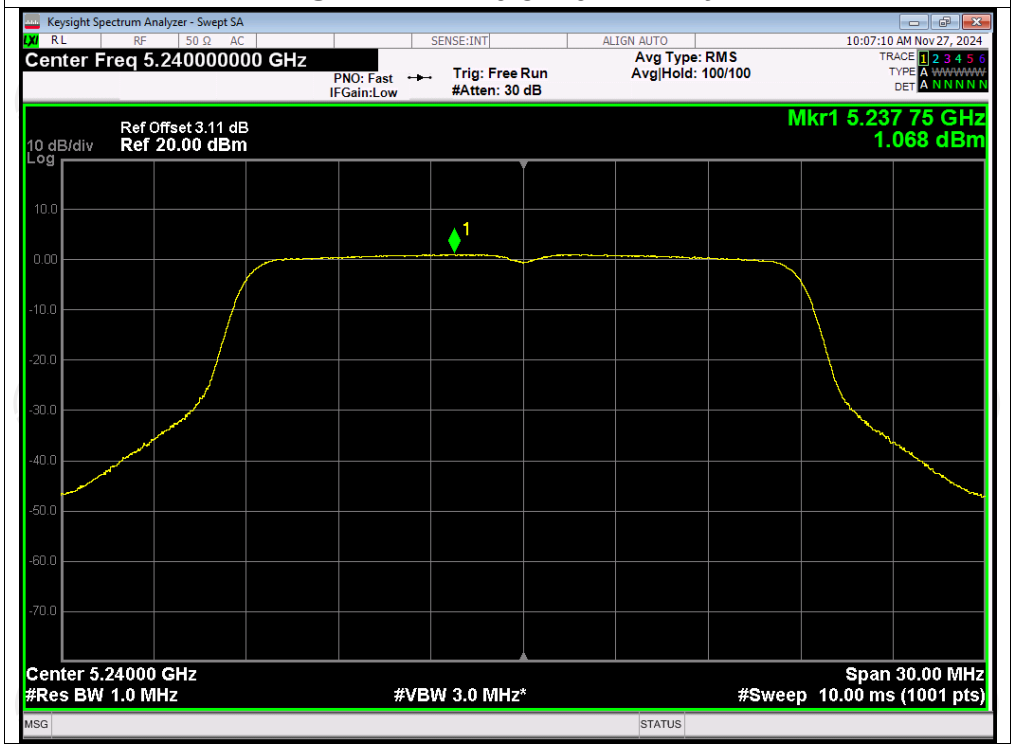

PSD NVNT n20 5180MHz Ant1



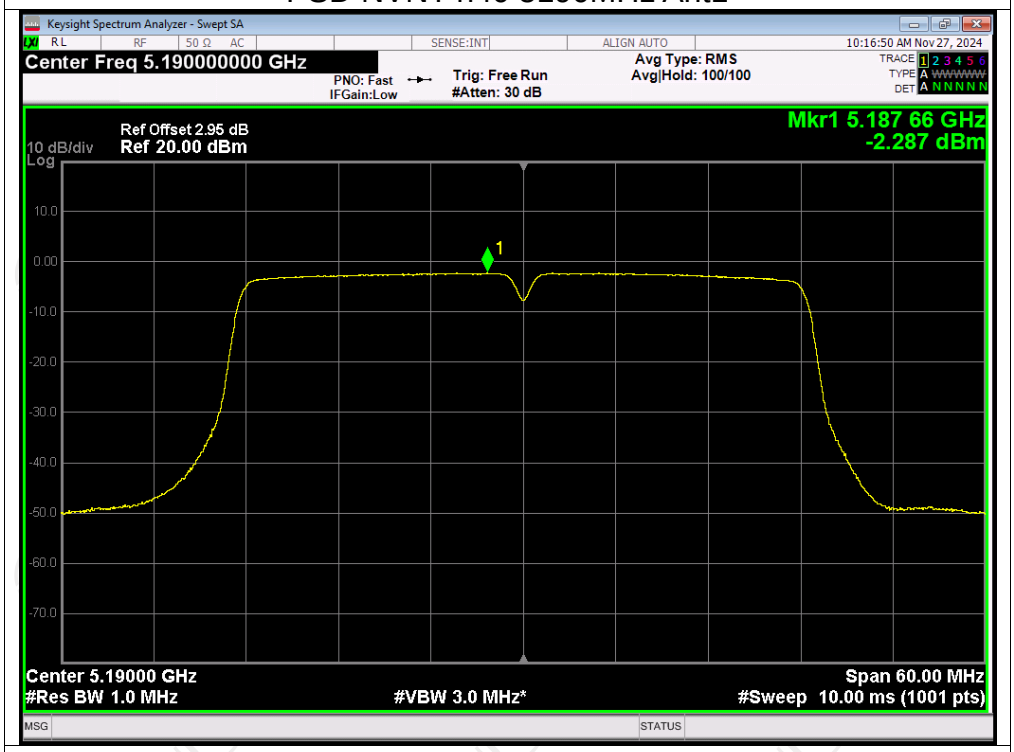
PSD NVNT n20 5200MHz Ant1



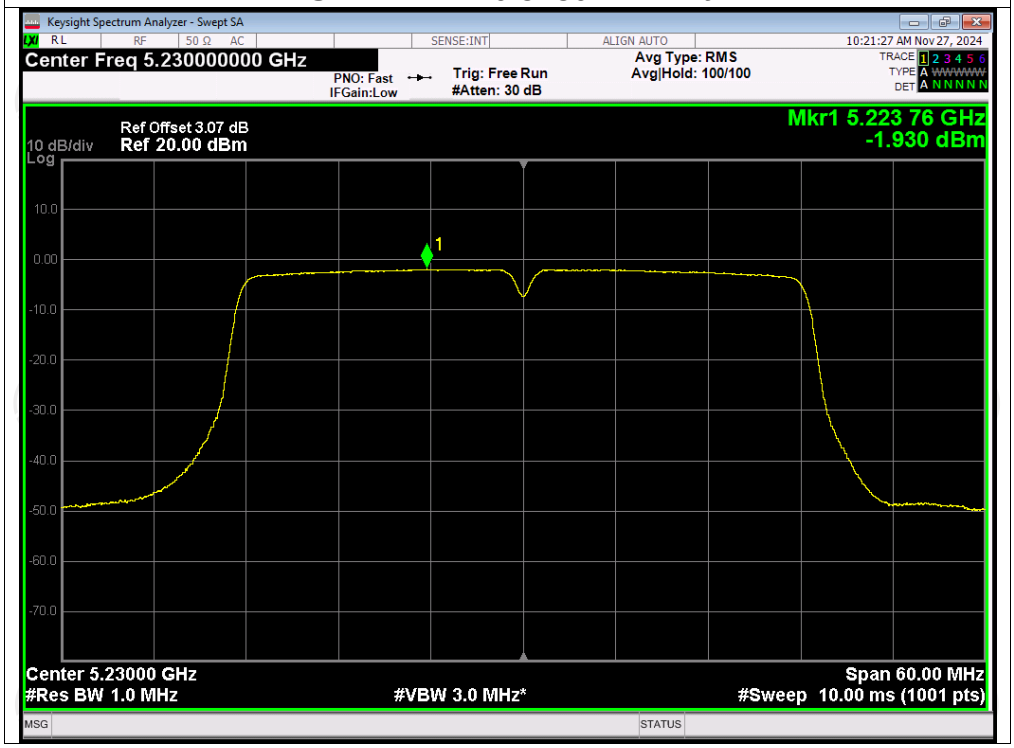

PSD NVNT n20 5240MHz Ant1



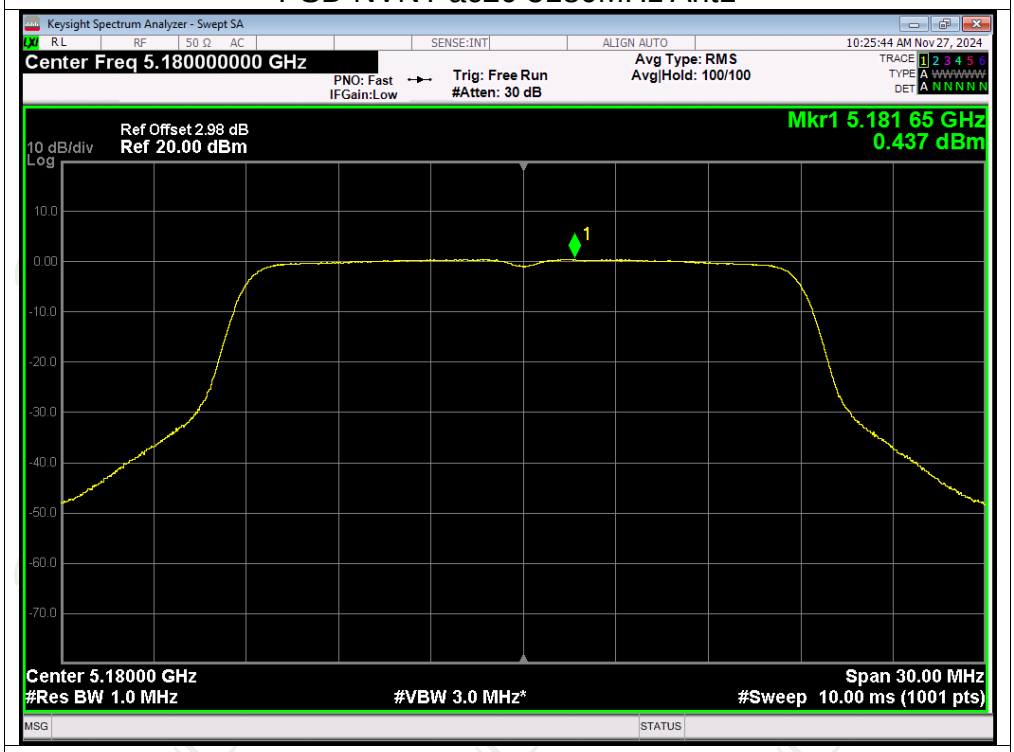
PSD NVNT n40 5190MHz Ant1



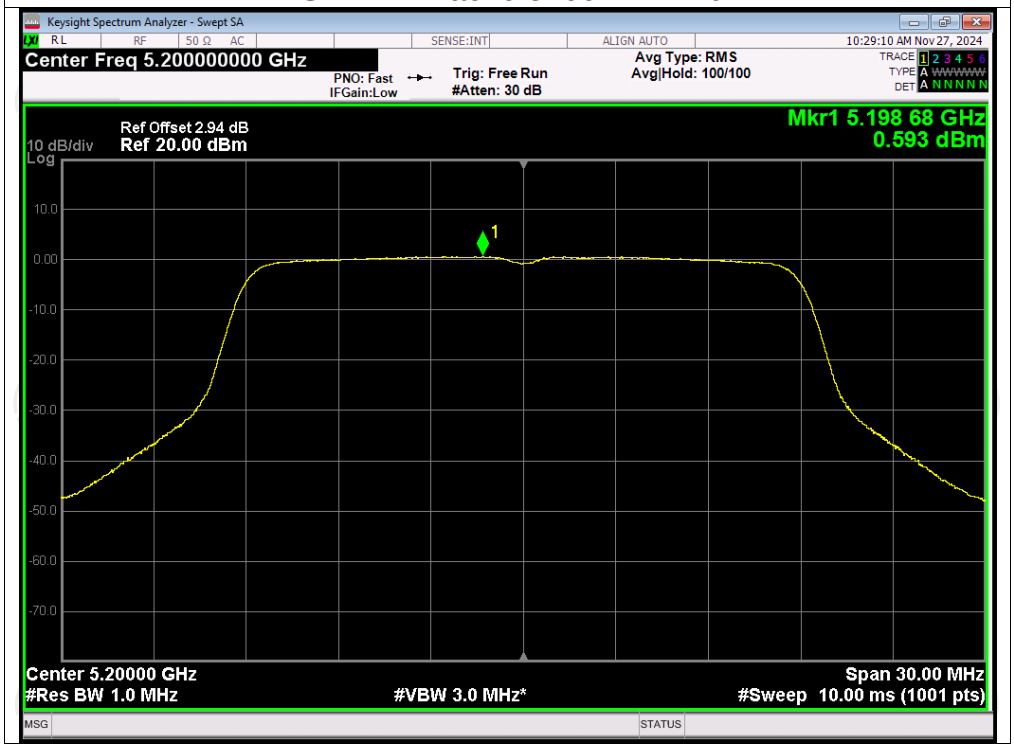

PSD NVNT n40 5230MHz Ant1



PSD NVNT ac20 5180MHz Ant1




PSD NVNT ac20 5200MHz Ant1



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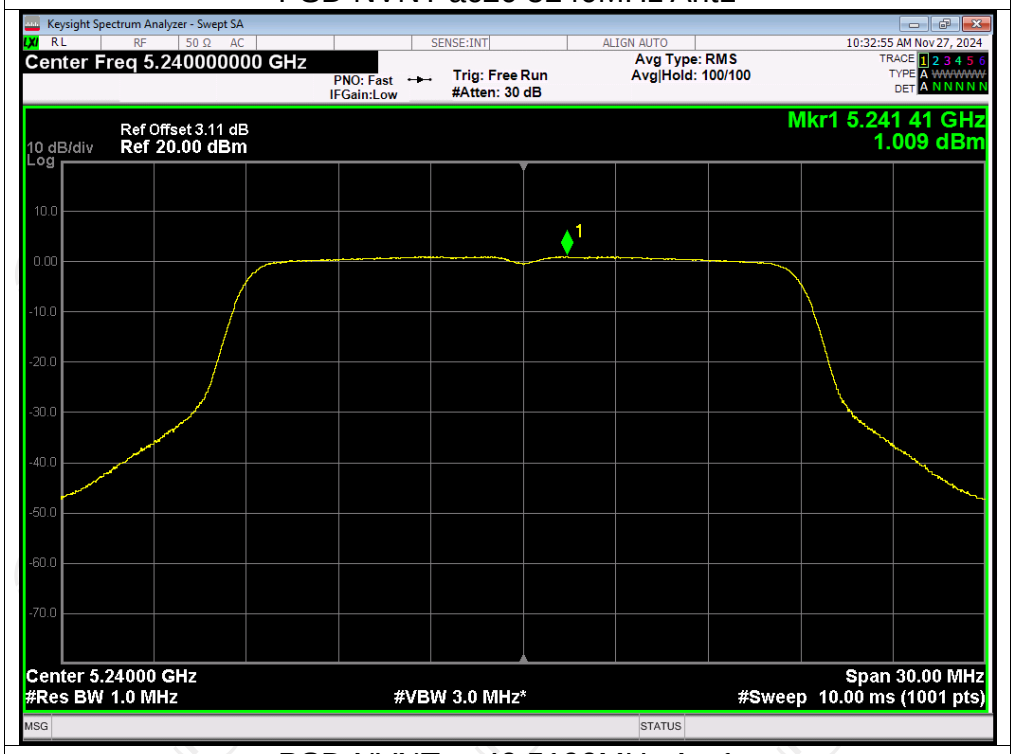
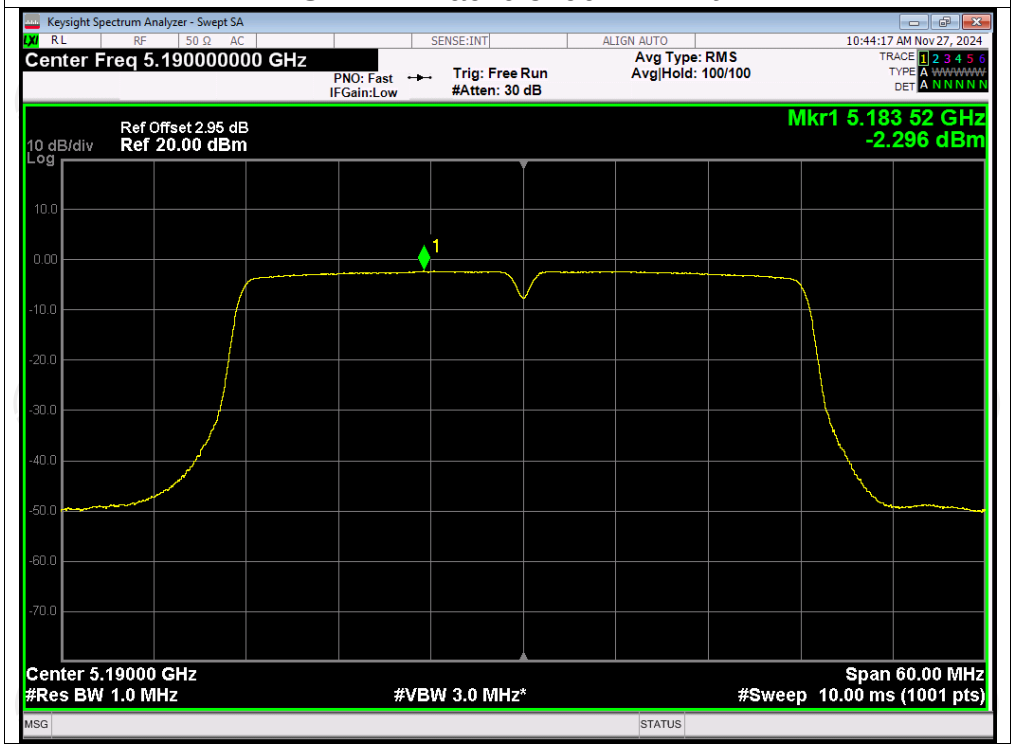
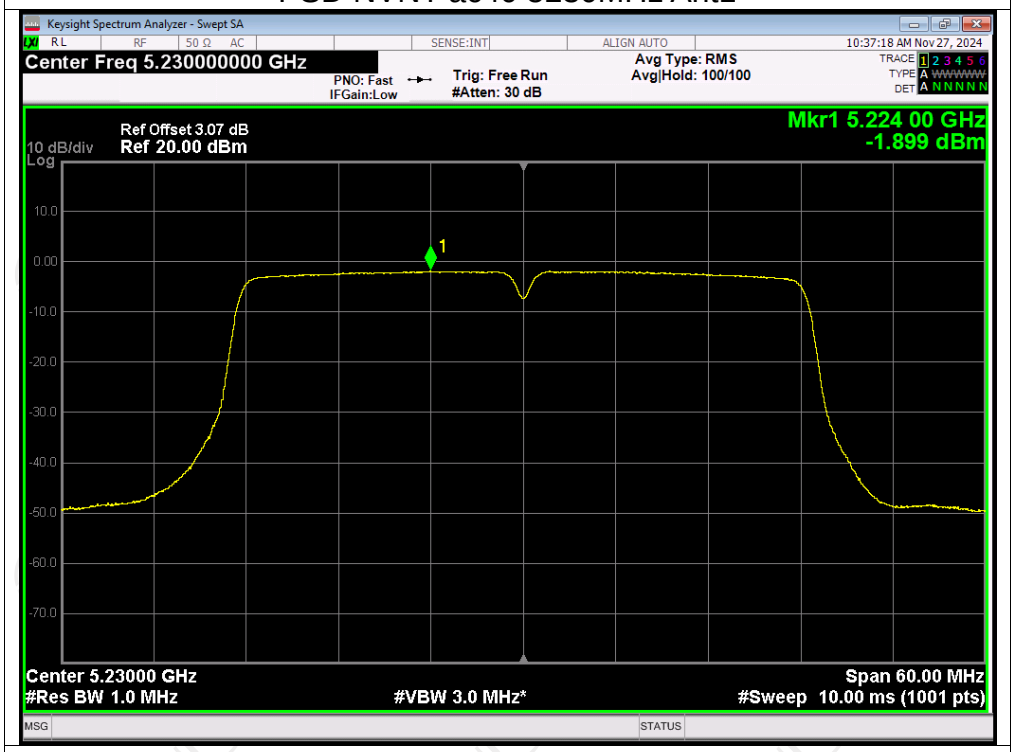


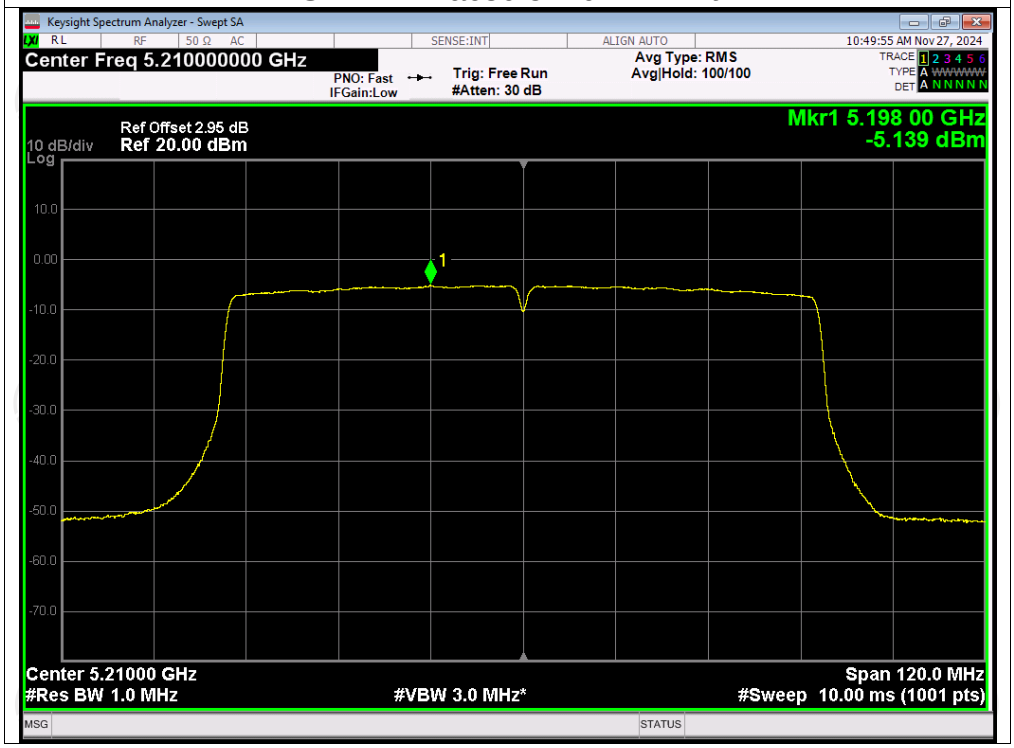

PSD NVNT ac40 5190MHz Ant1



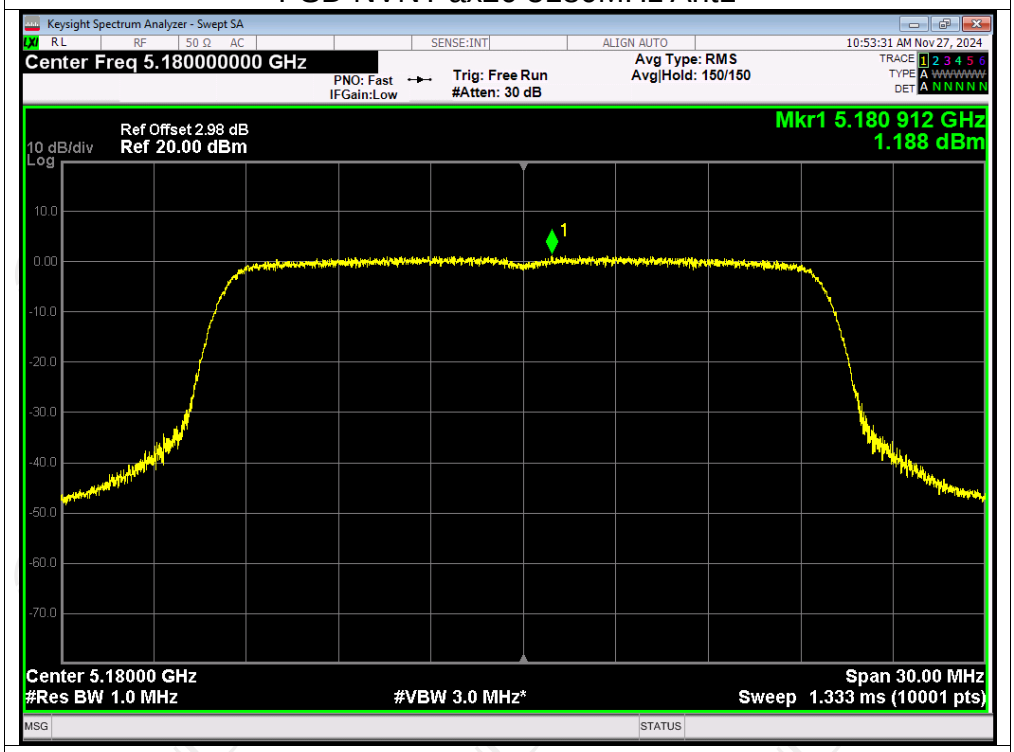
PSD NVNT ac40 5230MHz Ant1



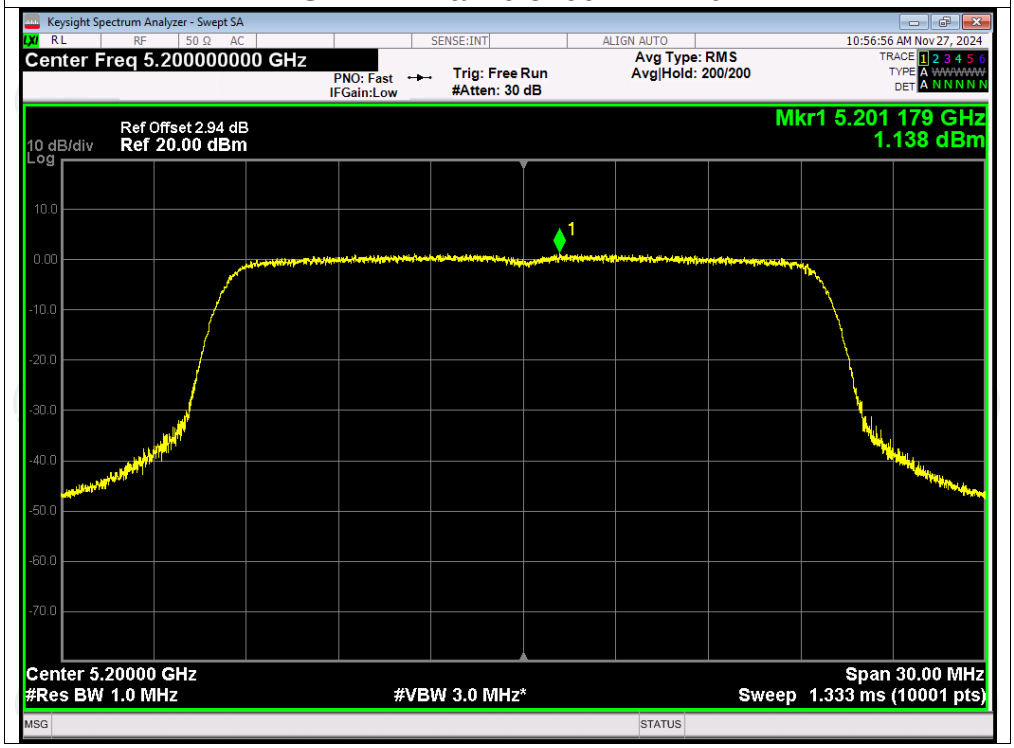

PSD NVNT ac80 5210MHz Ant1



PSD NVNT ax20 5180MHz Ant1




PSD NVNT ax20 5200MHz Ant1



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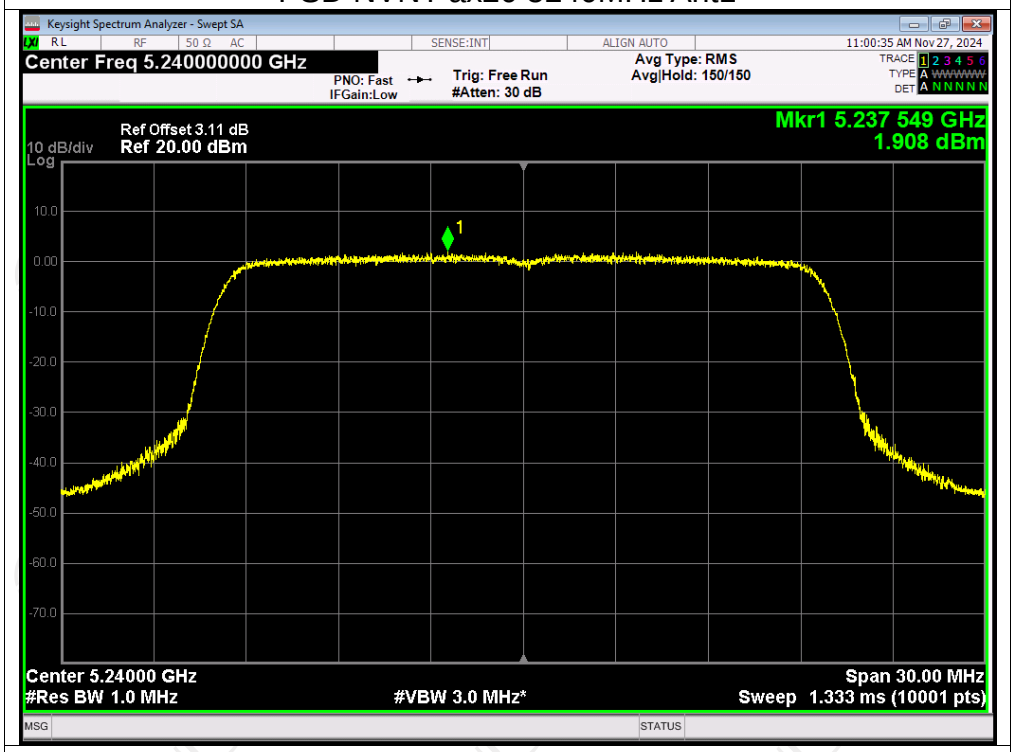
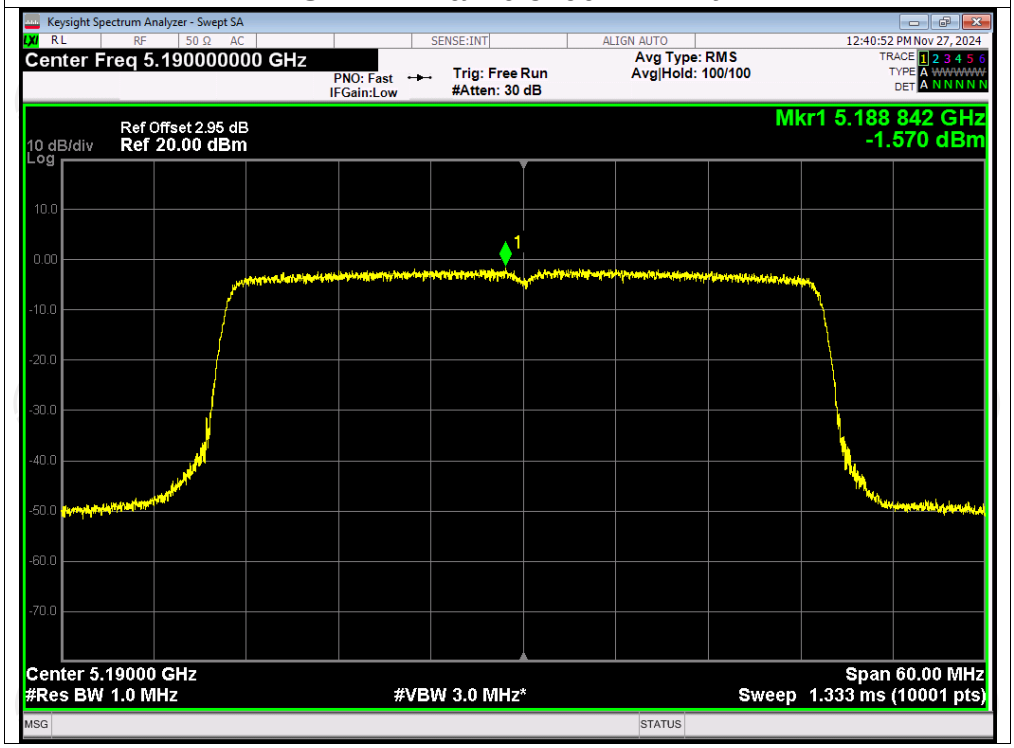
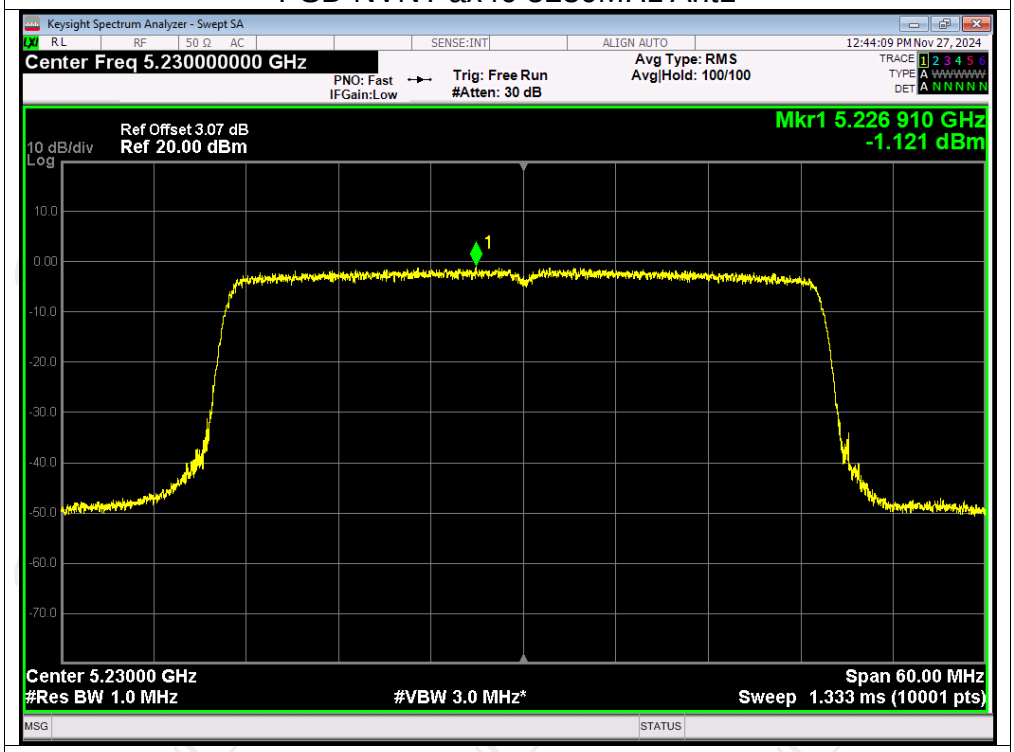


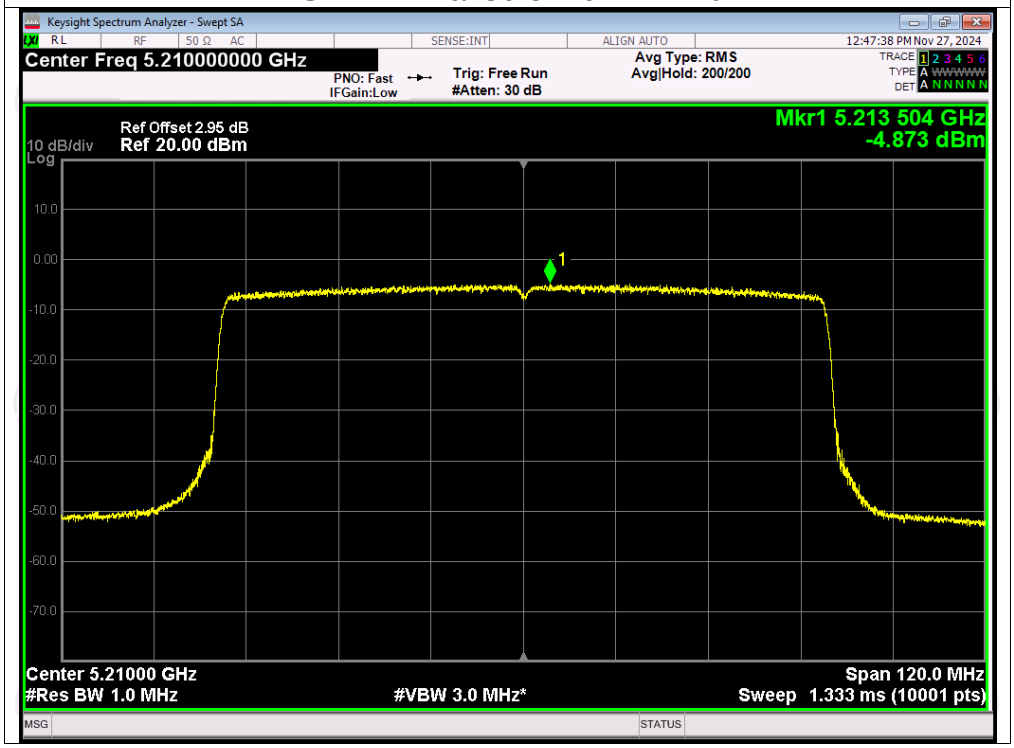

PSD NVNT ax40 5190MHz Ant1



PSD NVNT ax40 5230MHz Ant1

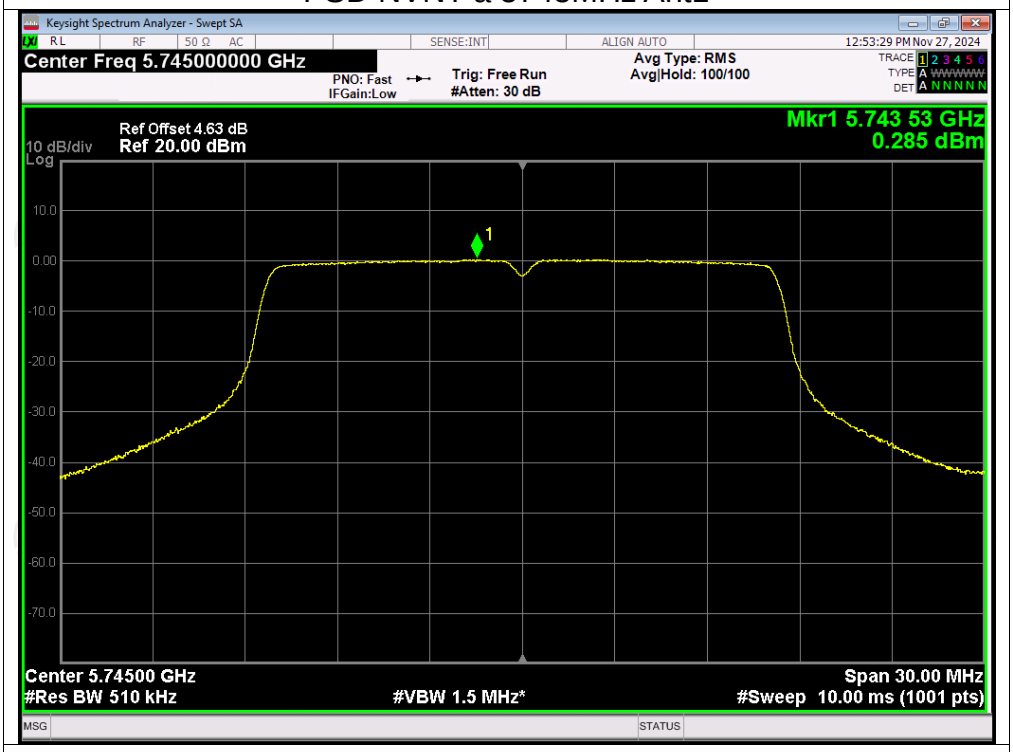



PSD NVNT ax80 5210MHz Ant1

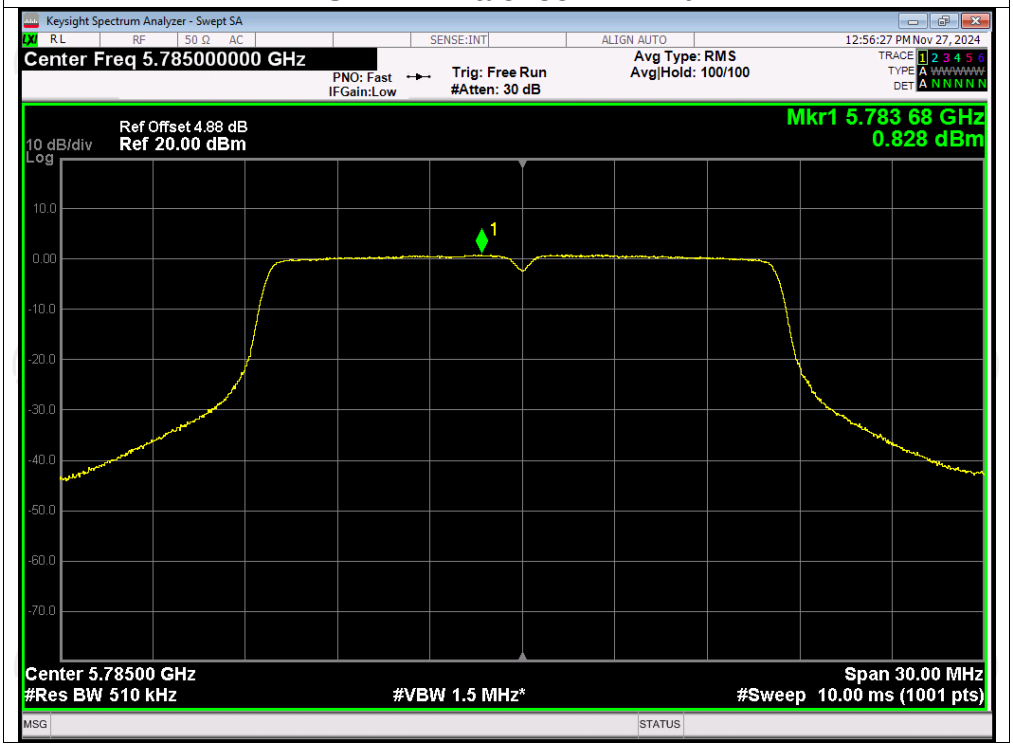


## Test Graphs

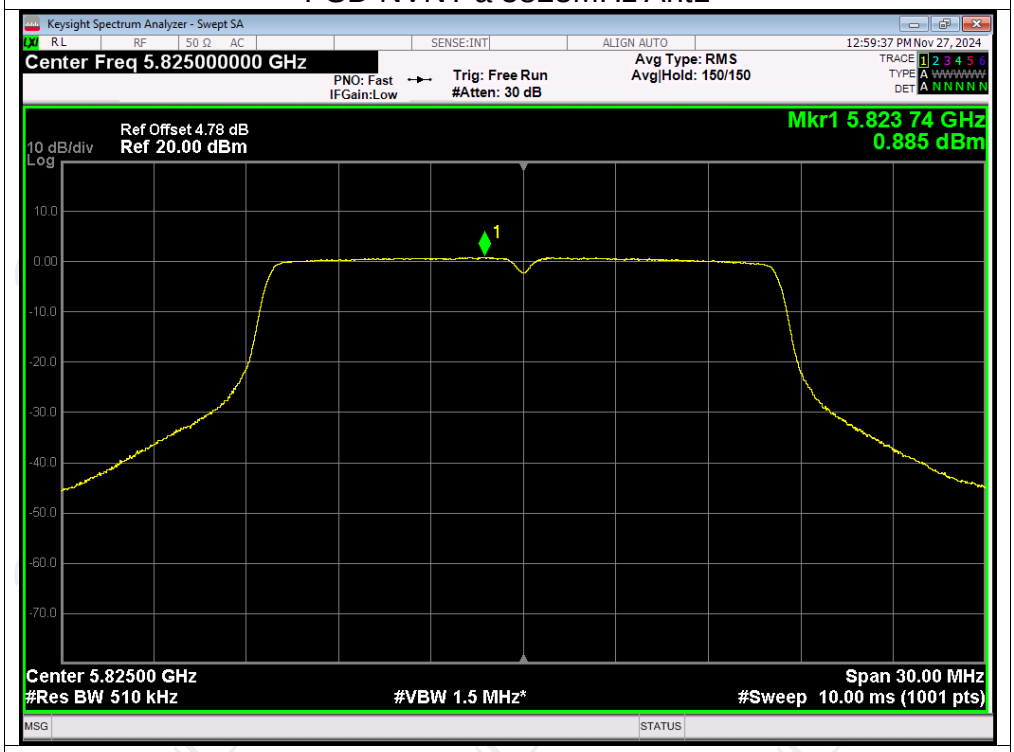
### PSD NVNT a 5745MHz Ant1



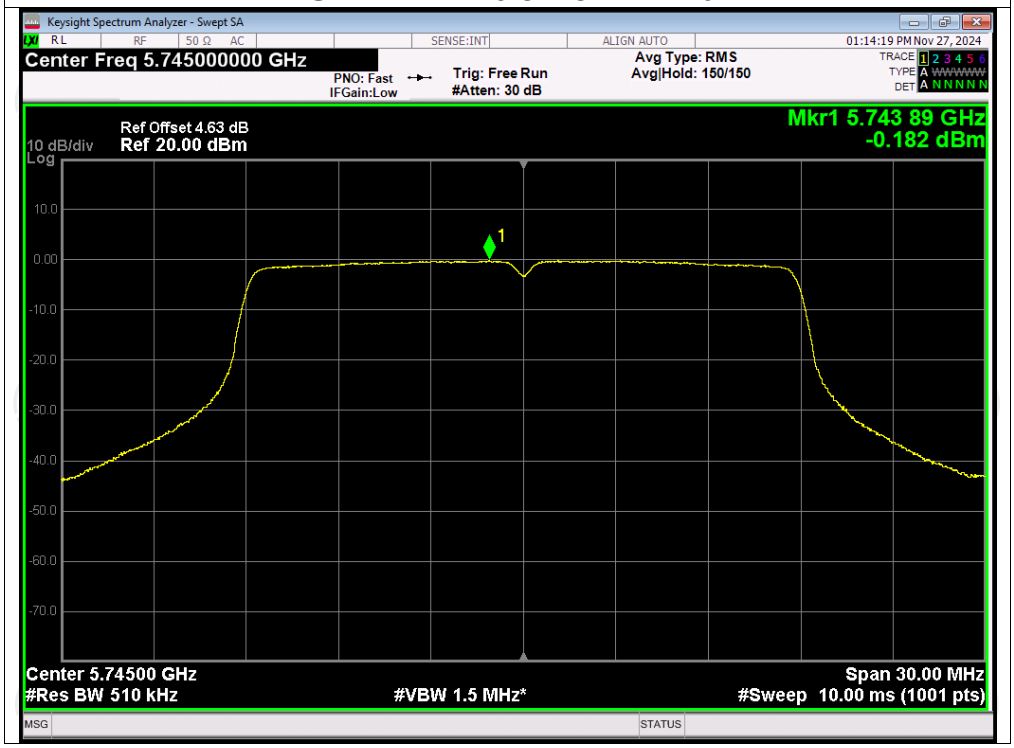

### PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1




PSD NVNT n20 5745MHz Ant1



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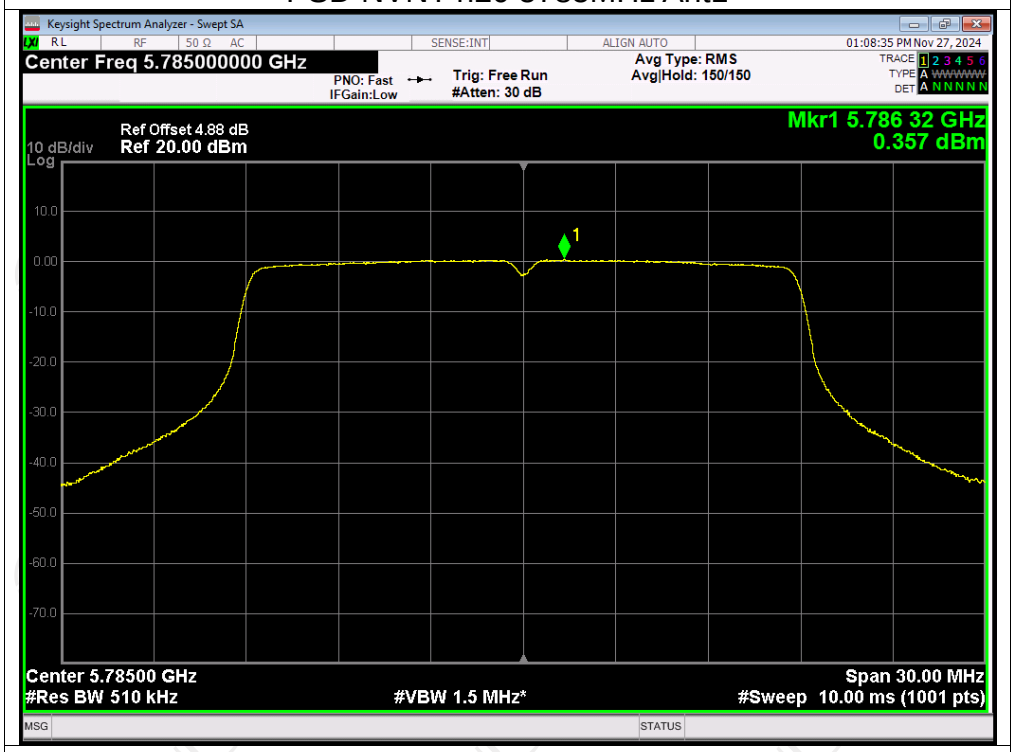


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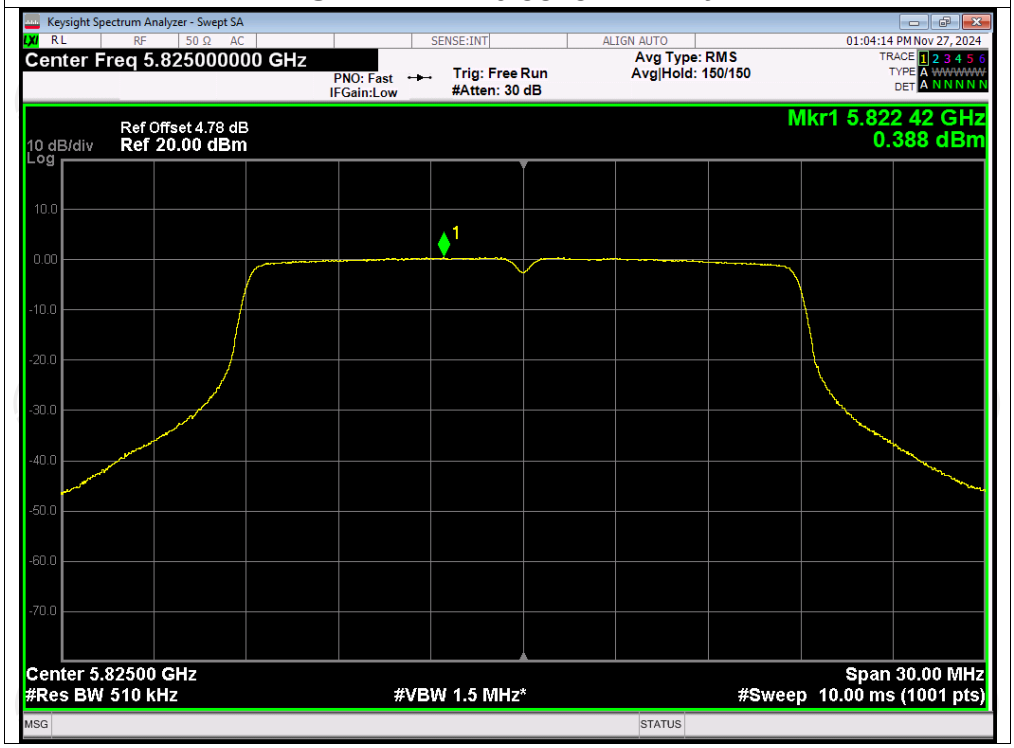
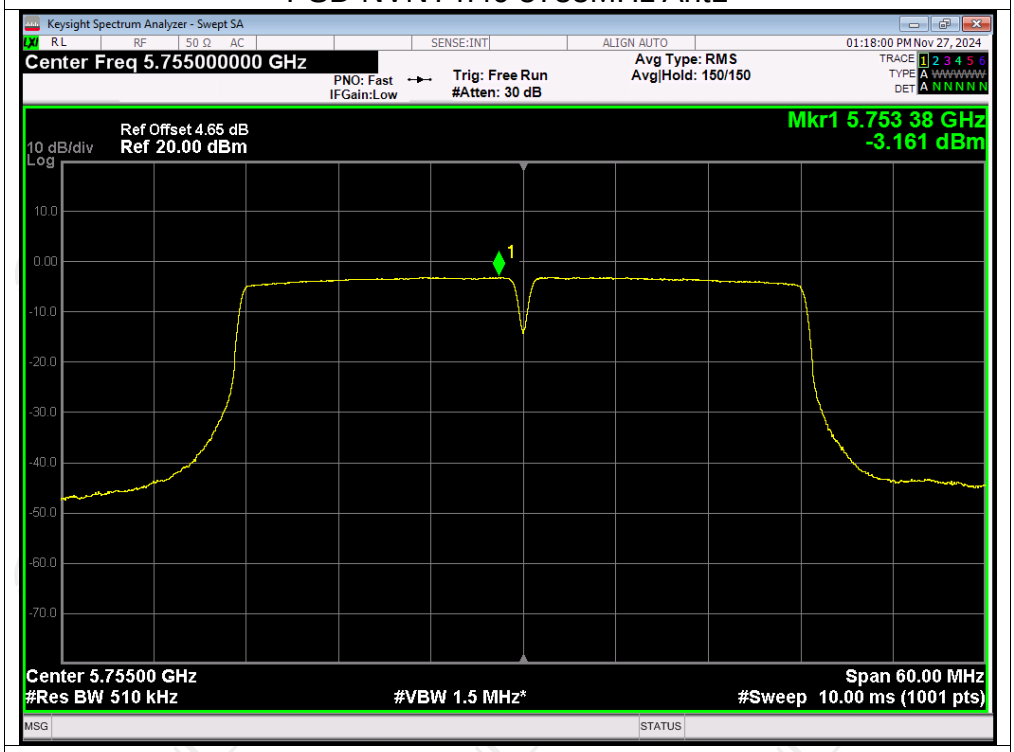
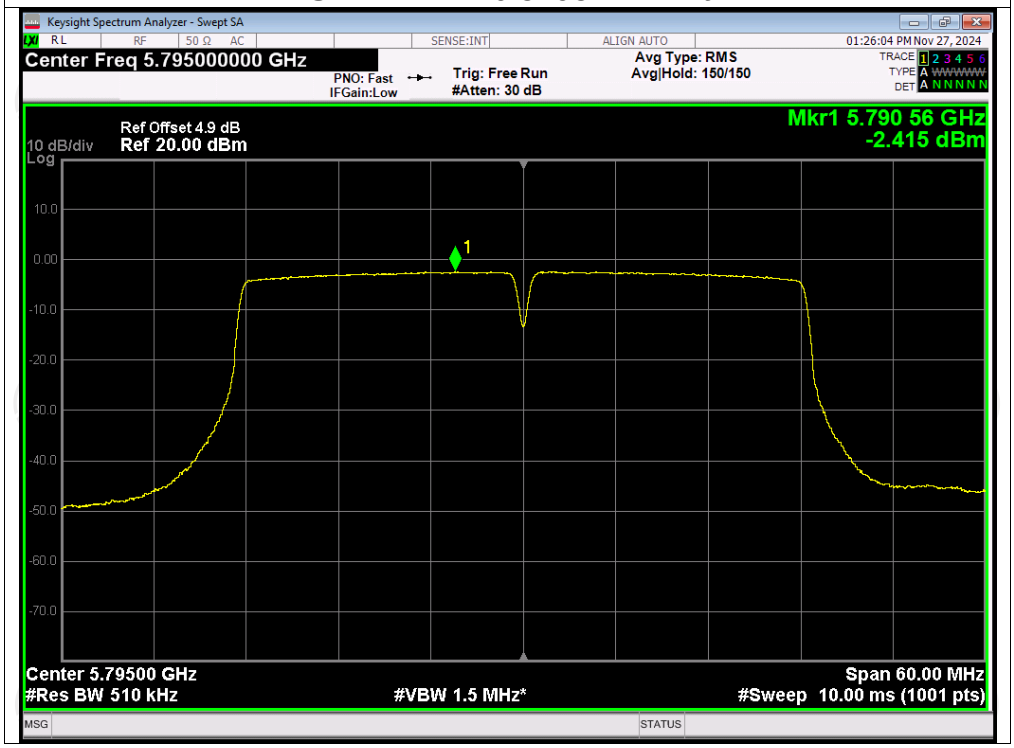


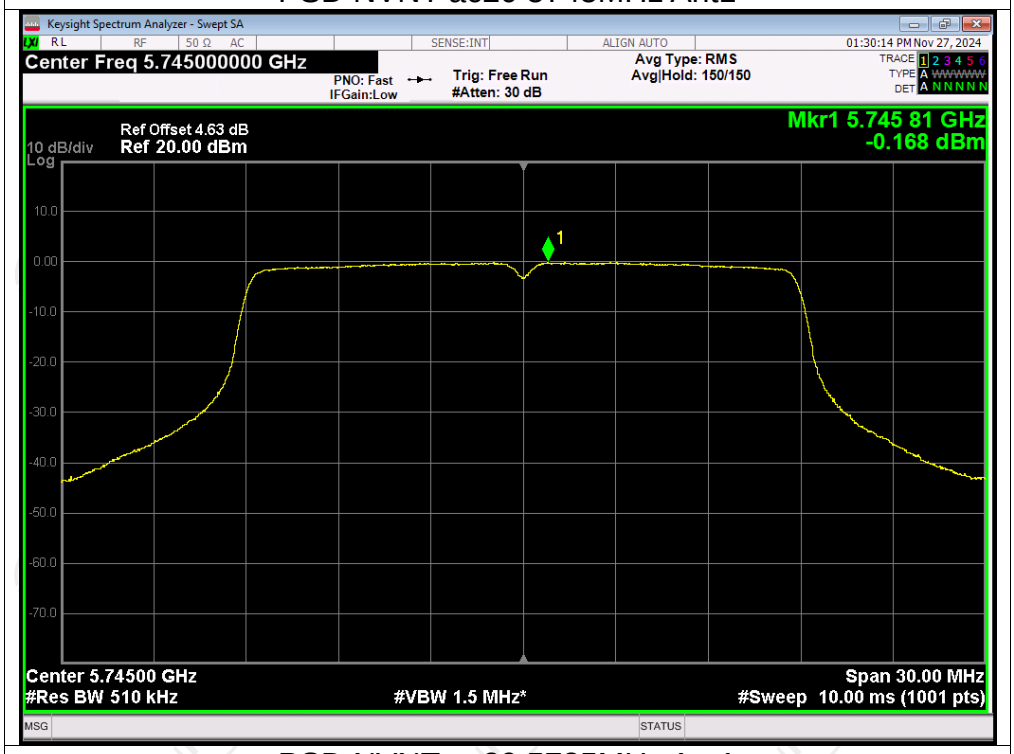
PSD NVNT n40 5755MHz Ant1



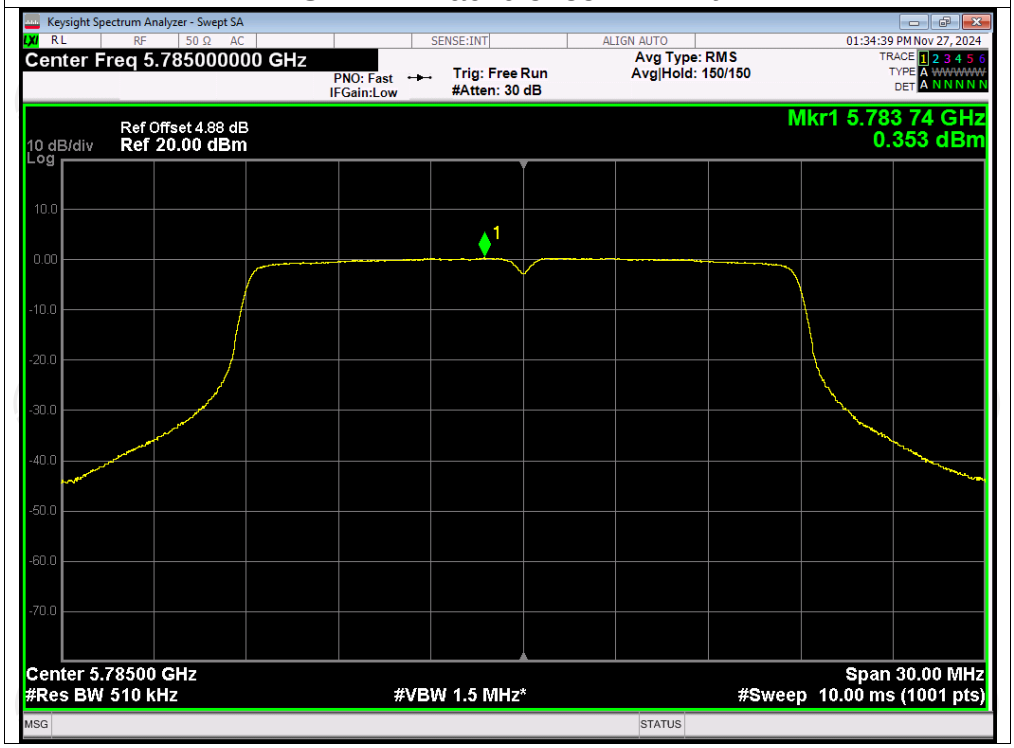

PSD NVNT n40 5795MHz Ant1



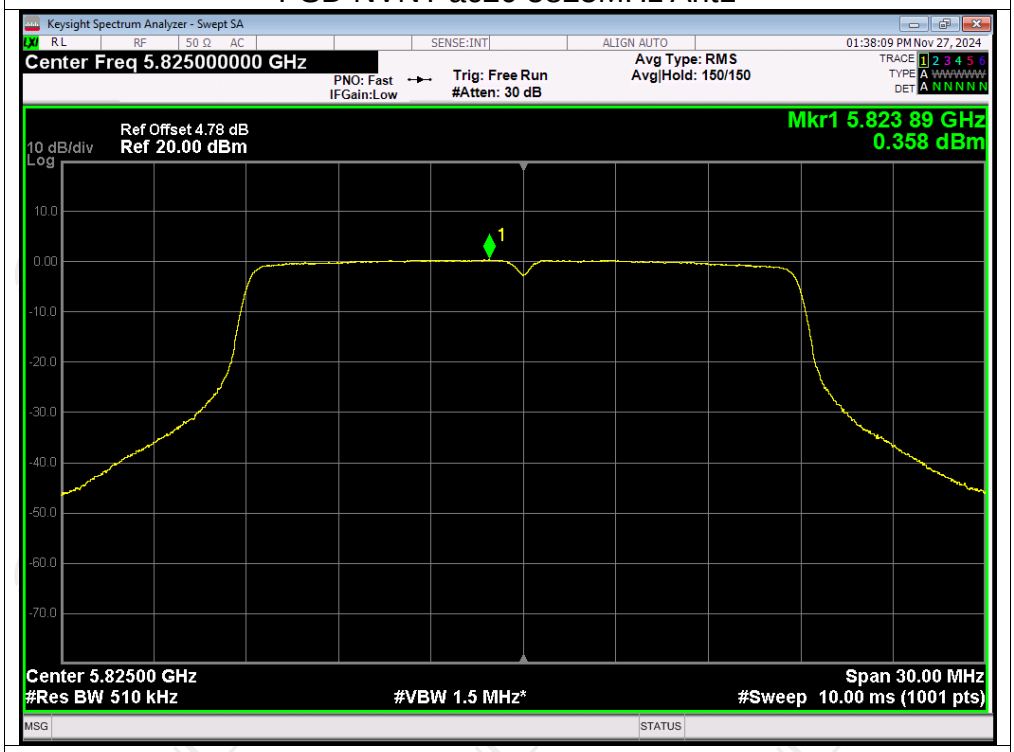
PSD NVNT ac20 5745MHz Ant1



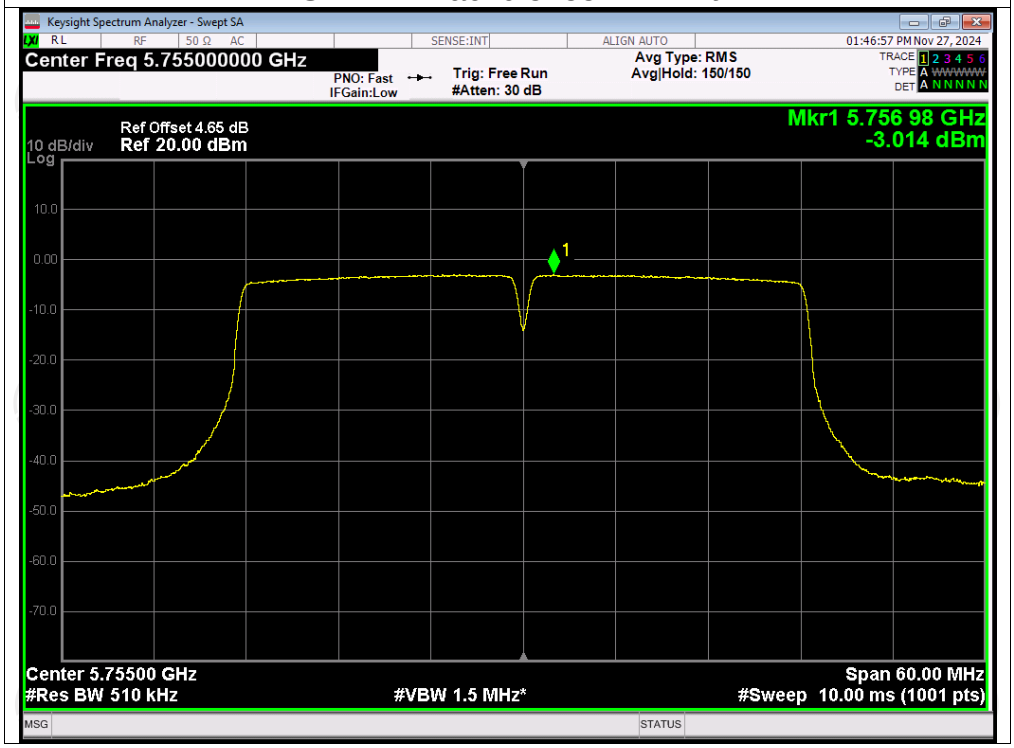

PSD NVNT ac20 5785MHz Ant1



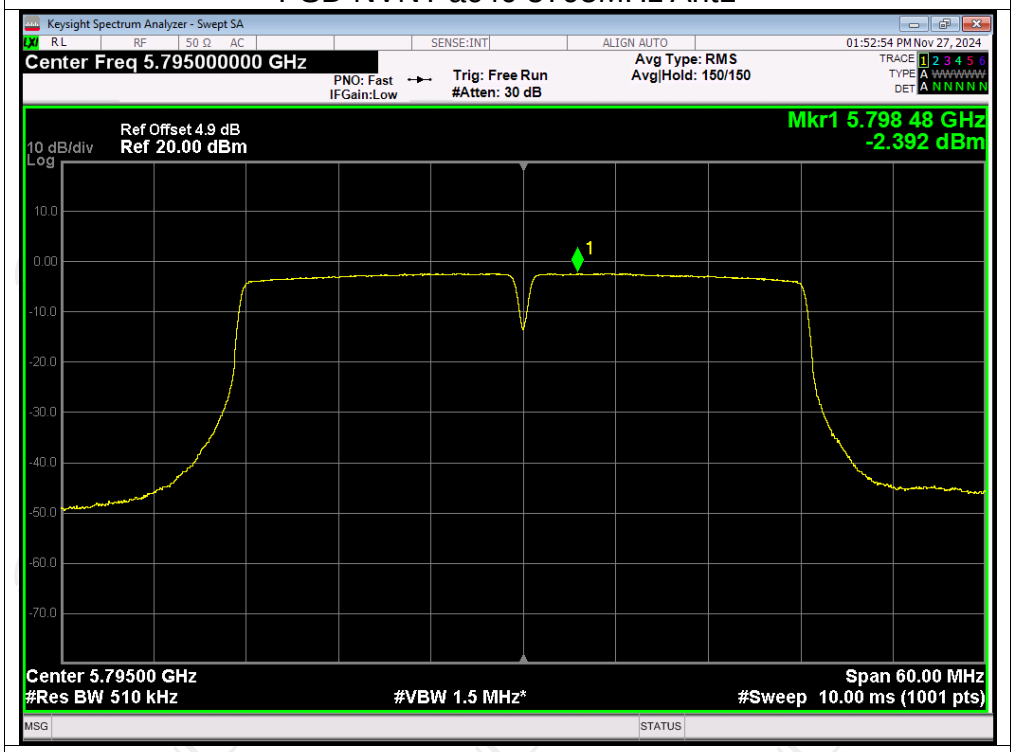
PSD NVNT ac20 5825MHz Ant1




PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1

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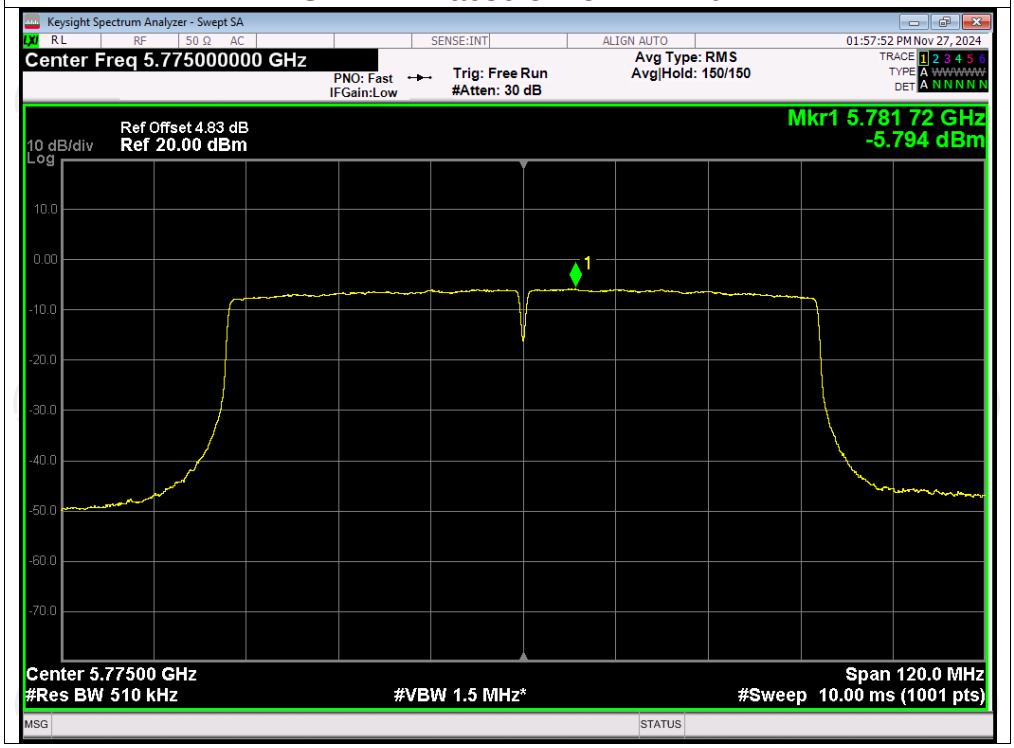
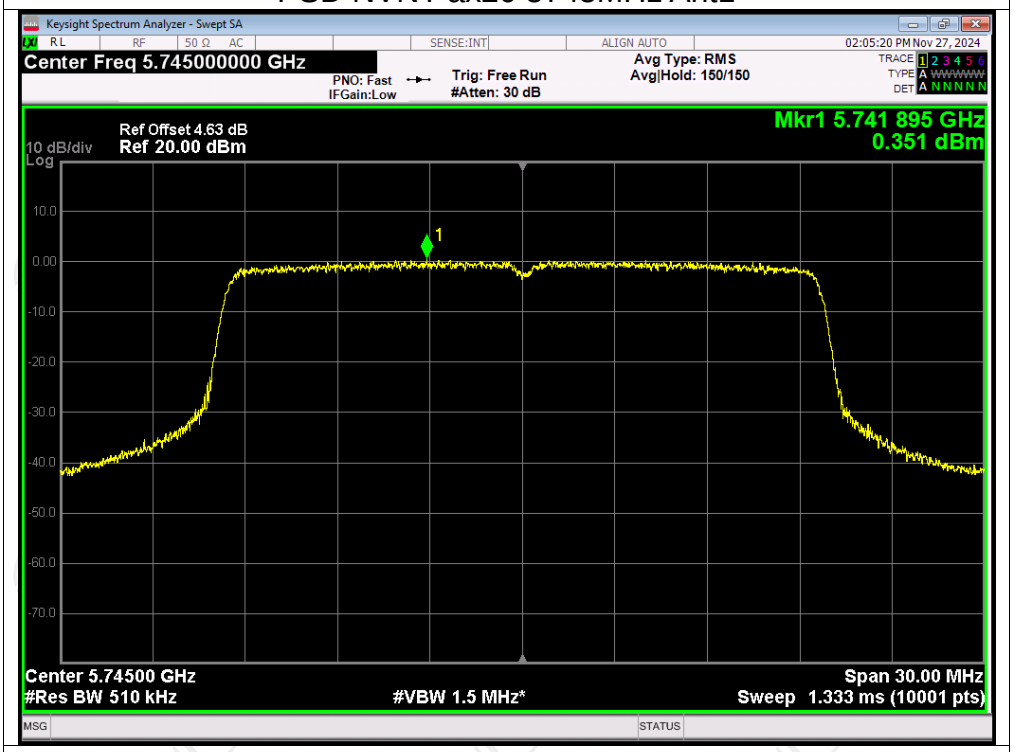
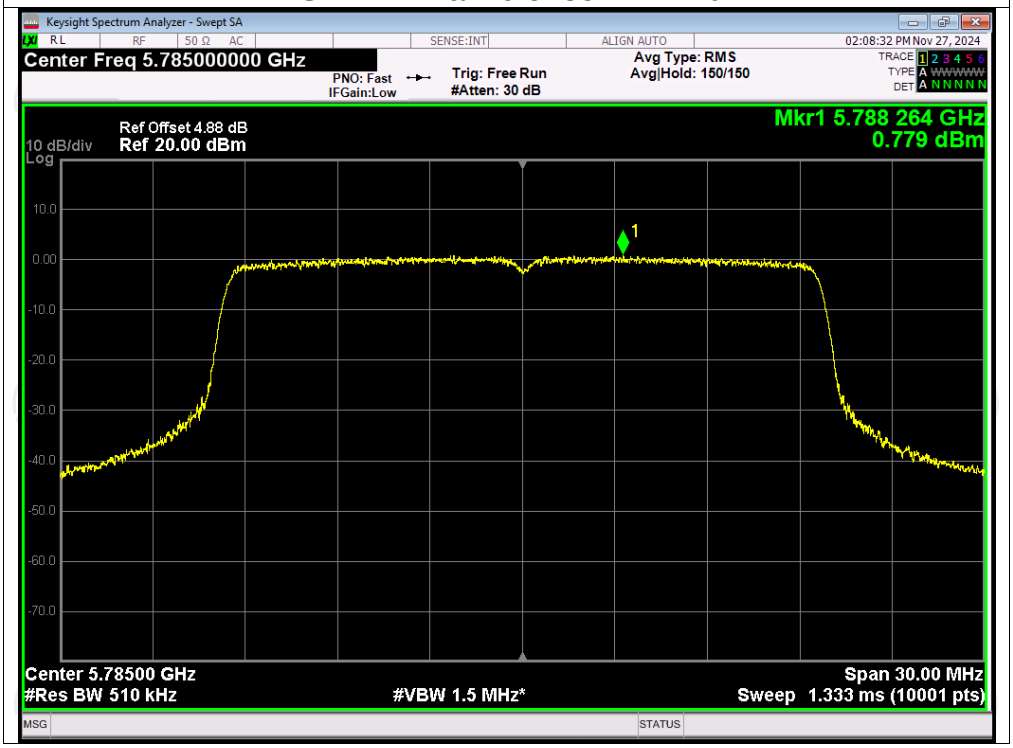


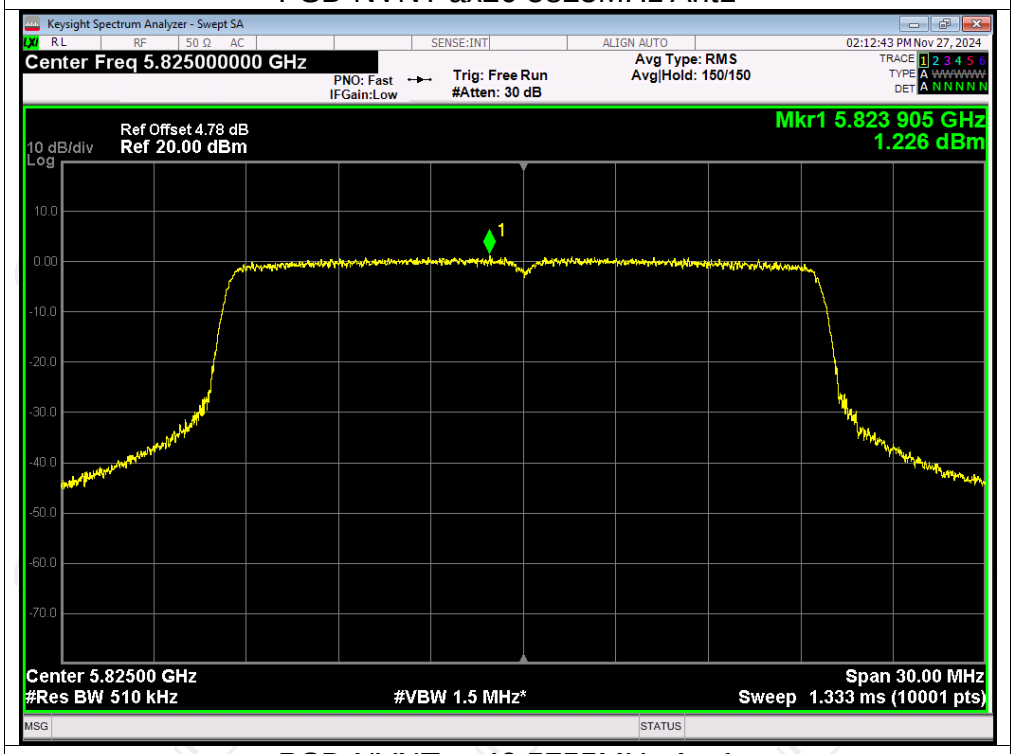
PSD NVNT ax20 5745MHz Ant1




PSD NVNT ax20 5785MHz Ant1



PSD NVNT ax20 5825MHz Ant1

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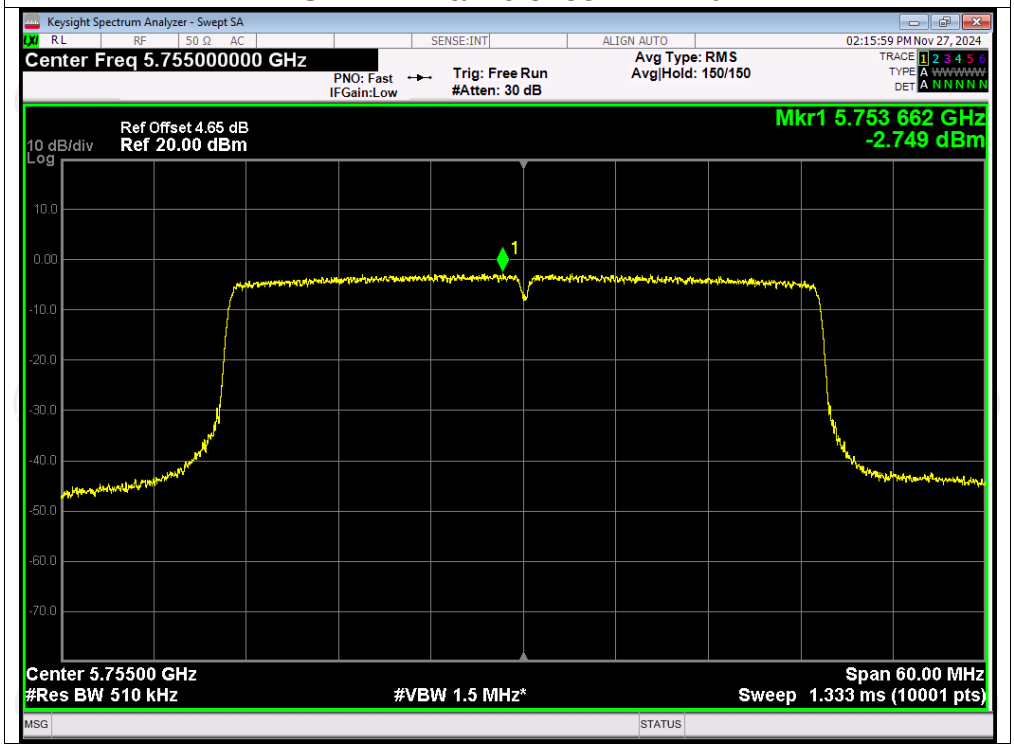

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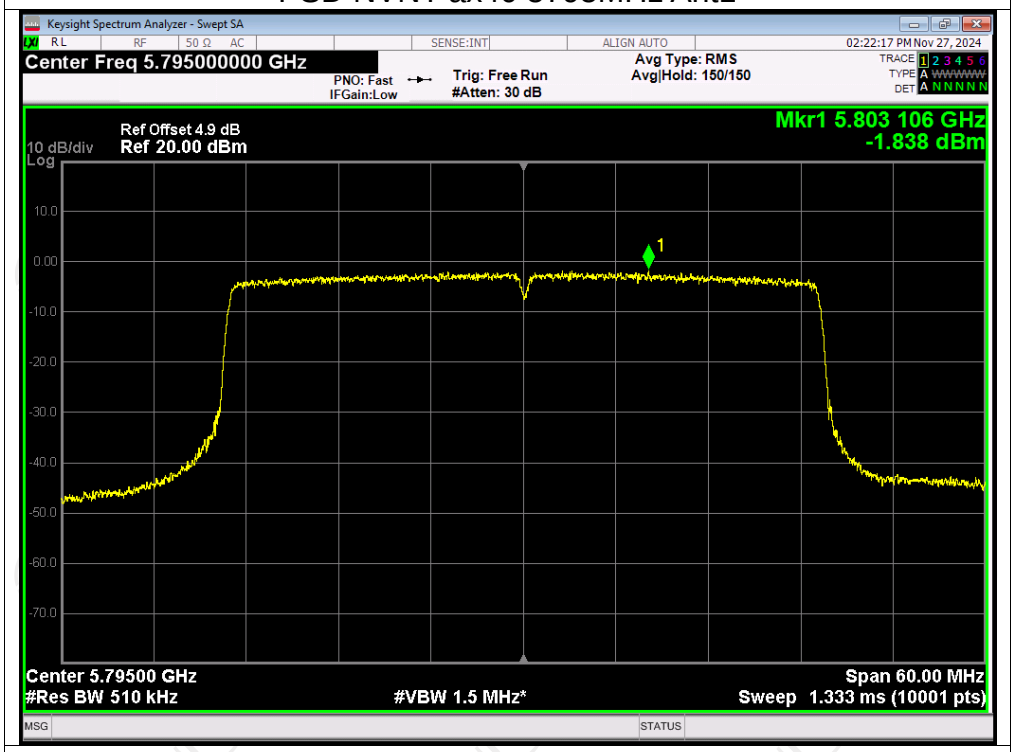


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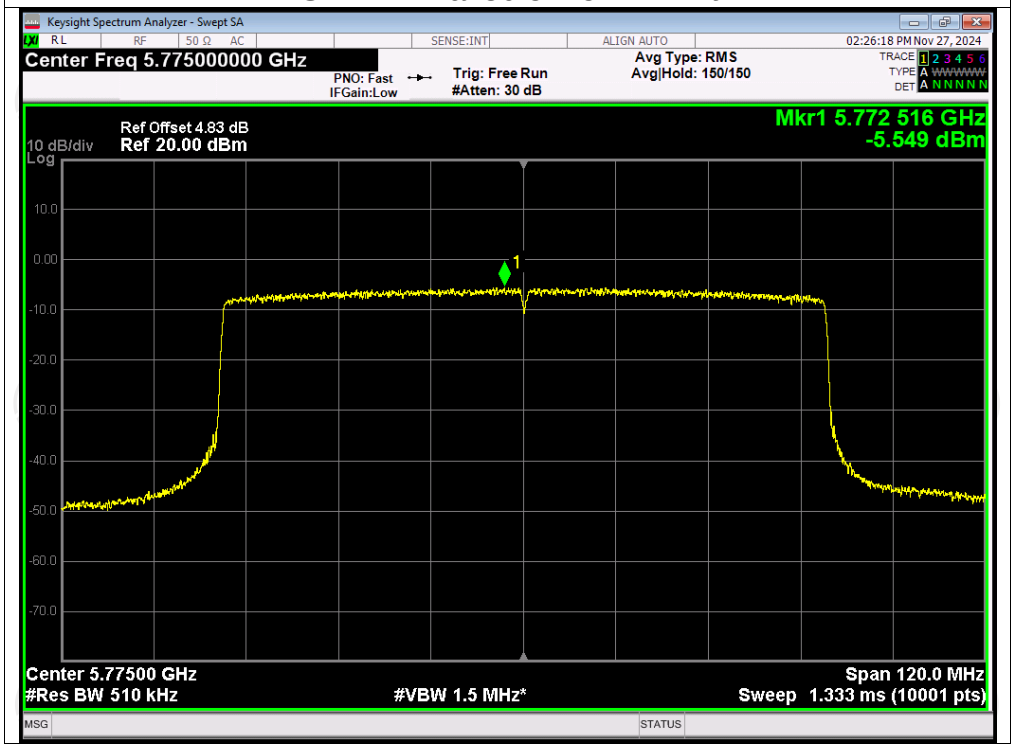


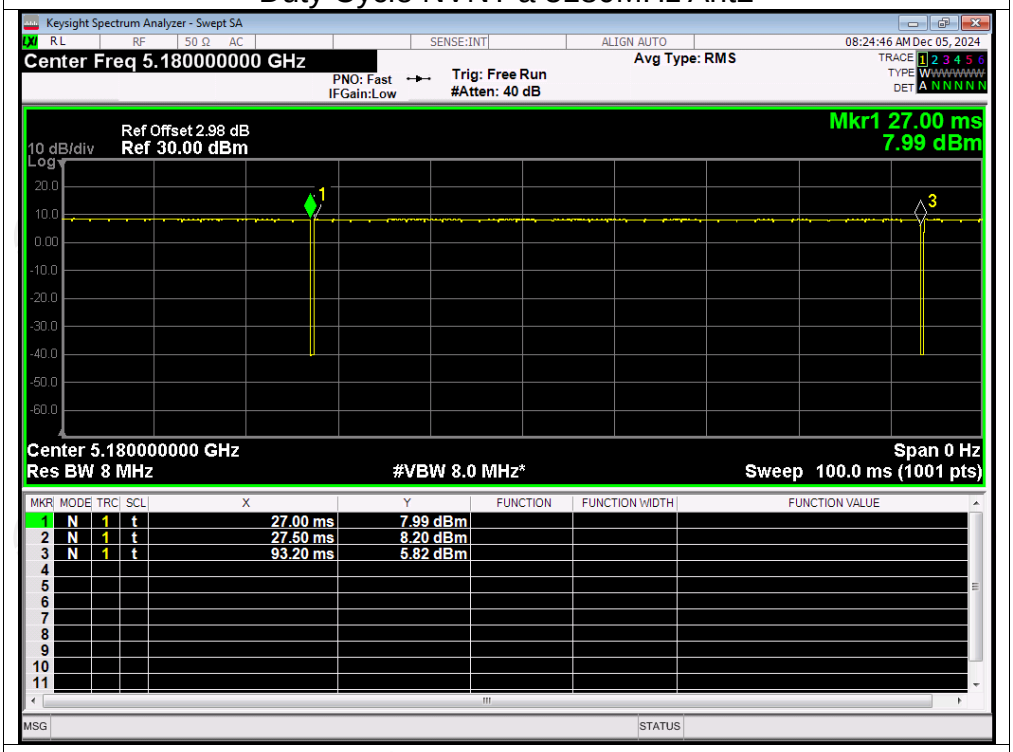
## Antenna 2

**Duty Cycle**

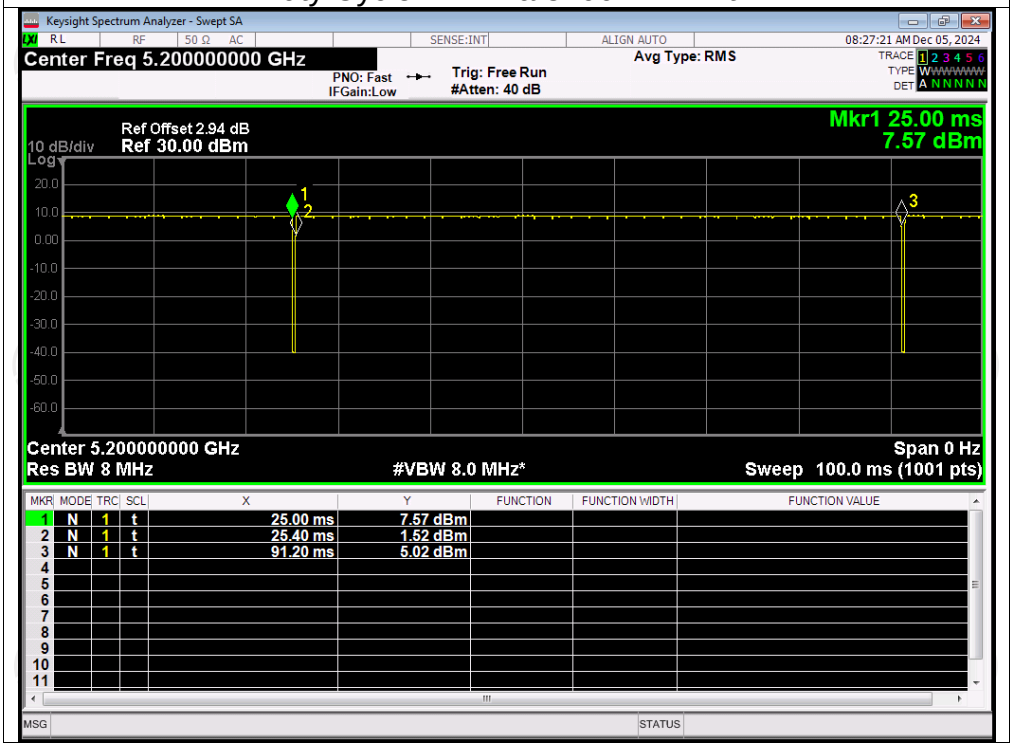
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) |
|---|---|---|---|---|
| NVNT | a | 5180 | Ant2 | 99.3 |
| NVNT | a | 5200 | Ant2 | 99.4 |
| NVNT | a | 5240 | Ant2 | 99.4 |
| NVNT | n20 | 5180 | Ant2 | 99.4 |
| NVNT | n20 | 5200 | Ant2 | 99.7 |
| NVNT | n20 | 5240 | Ant2 | 99.2 |
| NVNT | n40 | 5190 | Ant2 | 99.3 |
| NVNT | n40 | 5230 | Ant2 | 99.4 |
| NVNT | ac20 | 5180 | Ant2 | 99.7 |
| NVNT | ac20 | 5200 | Ant2 | 99.7 |
| NVNT | ac20 | 5240 | Ant2 | 99.7 |
| NVNT | ac40 | 5190 | Ant2 | 99.3 |
| NVNT | ac40 | 5230 | Ant2 | 99.4 |
| NVNT | ac80 | 5210 | Ant2 | 99.7 |
| NVNT | ax20 | 5180 | Ant2 | 99.7 |
| NVNT | ax20 | 5200 | Ant2 | 99.7 |
| NVNT | ax20 | 5240 | Ant2 | 99.4 |
| NVNT | ax40 | 5190 | Ant2 | 99.6 |
| NVNT | ax40 | 5230 | Ant2 | 99.7 |
| NVNT | ax80 | 5210 | Ant2 | 99.5 |
| NVNT | a | 5745 | Ant2 | 99.7 |
| NVNT | a | 5785 | Ant2 | 99.3 |
| NVNT | a | 5825 | Ant2 | 99.7 |
| NVNT | n20 | 5745 | Ant2 | 99.3 |
| NVNT | n20 | 5785 | Ant2 | 99.6 |
| NVNT | n20 | 5825 | Ant2 | 99.2 |
| NVNT | n40 | 5755 | Ant2 | 99.3 |
| NVNT | n40 | 5795 | Ant2 | 99.2 |
| NVNT | ac20 | 5745 | Ant2 | 99.5 |
| NVNT | ac20 | 5785 | Ant2 | 99.4 |
| NVNT | ac20 | 5825 | Ant2 | 99.6 |
| NVNT | ac40 | 5755 | Ant2 | 99.4 |
| NVNT | ac40 | 5795 | Ant2 | 99.7 |
| NVNT | ac80 | 5775 | Ant2 | 99.8 |
| NVNT | ax20 | 5745 | Ant2 | 99.3 |
| NVNT | ax20 | 5785 | Ant2 | 99.5 |
| NVNT | ax20 | 5825 | Ant2 | 99.7 |
| NVNT | ax40 | 5755 | Ant2 | 99.3 |
| NVNT | ax40 | 5795 | Ant2 | 99.3 |
| NVNT | ax80 | 5775 | Ant2 | 99.8 |

## Test Graphs

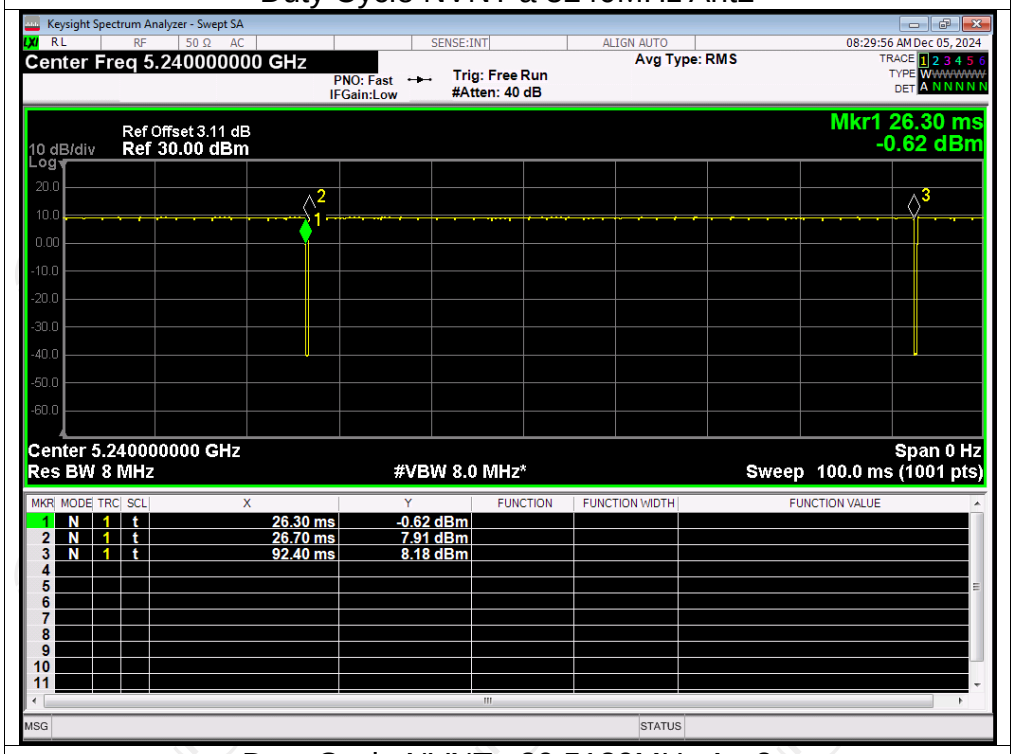
### Duty Cycle NVNT a 5180MHz Ant2



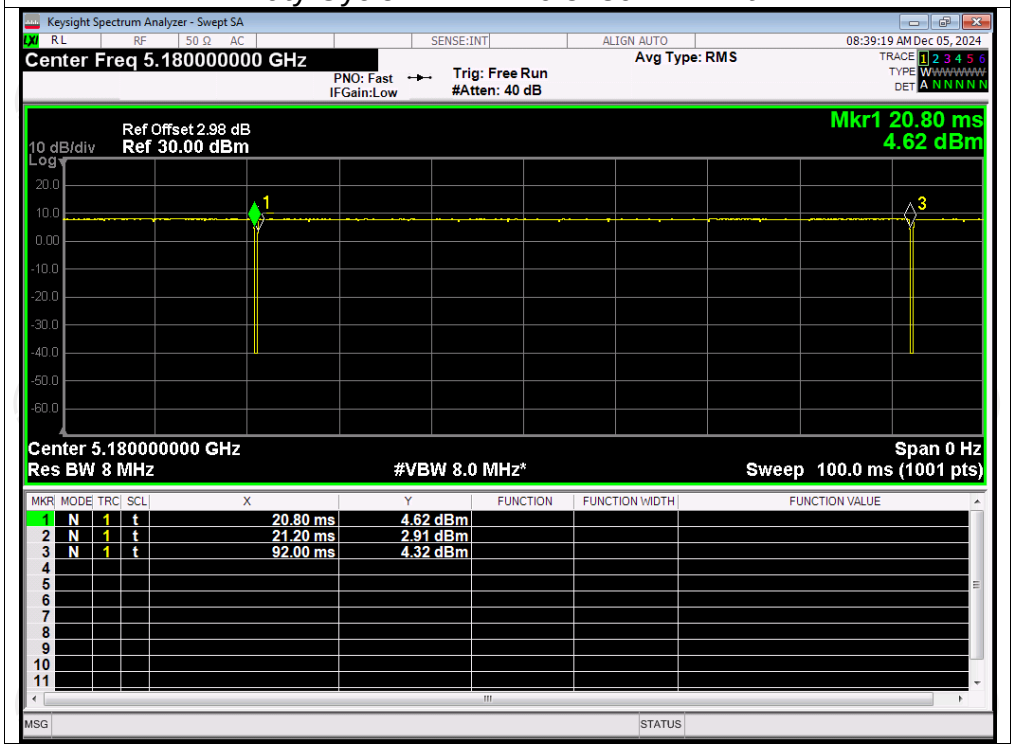

### Duty Cycle NVNT a 5200MHz Ant2



Duty Cycle NVNT a 5240MHz Ant2



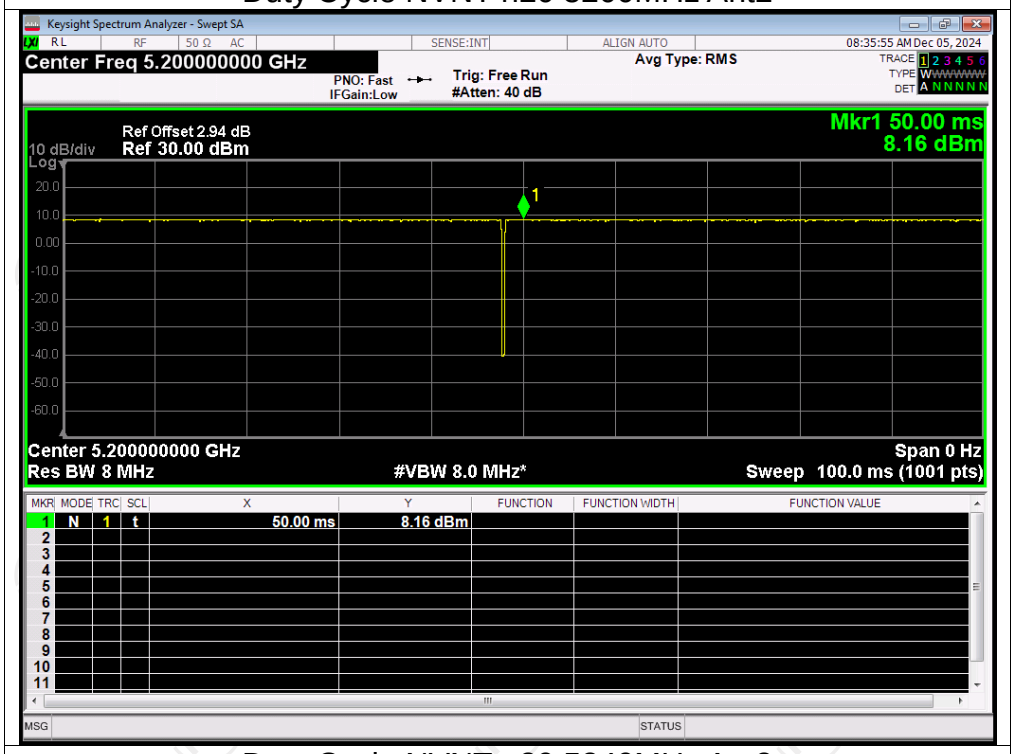

Duty Cycle NVNT n20 5180MHz Ant2



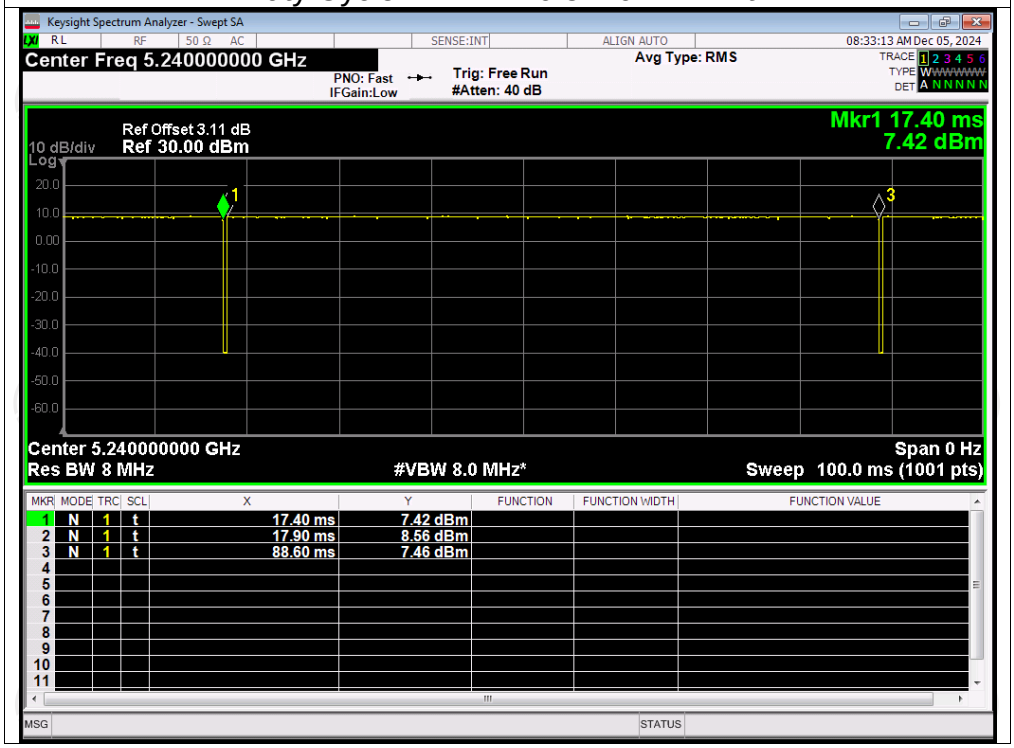



Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

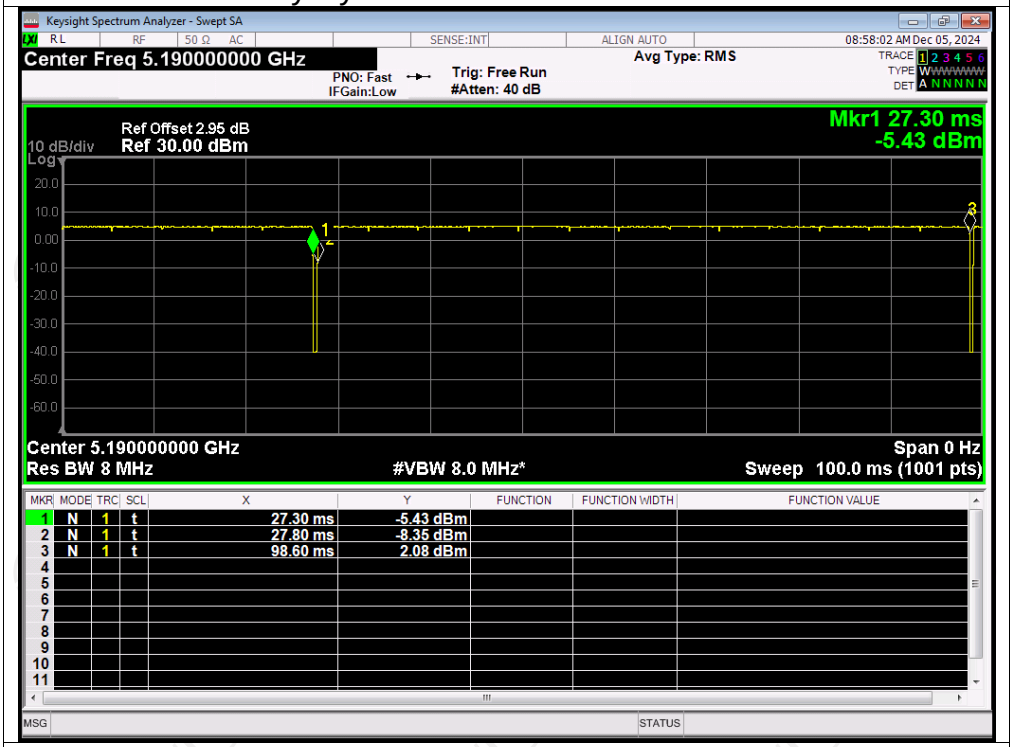
Duty Cycle NVNT n20 5200MHz Ant2



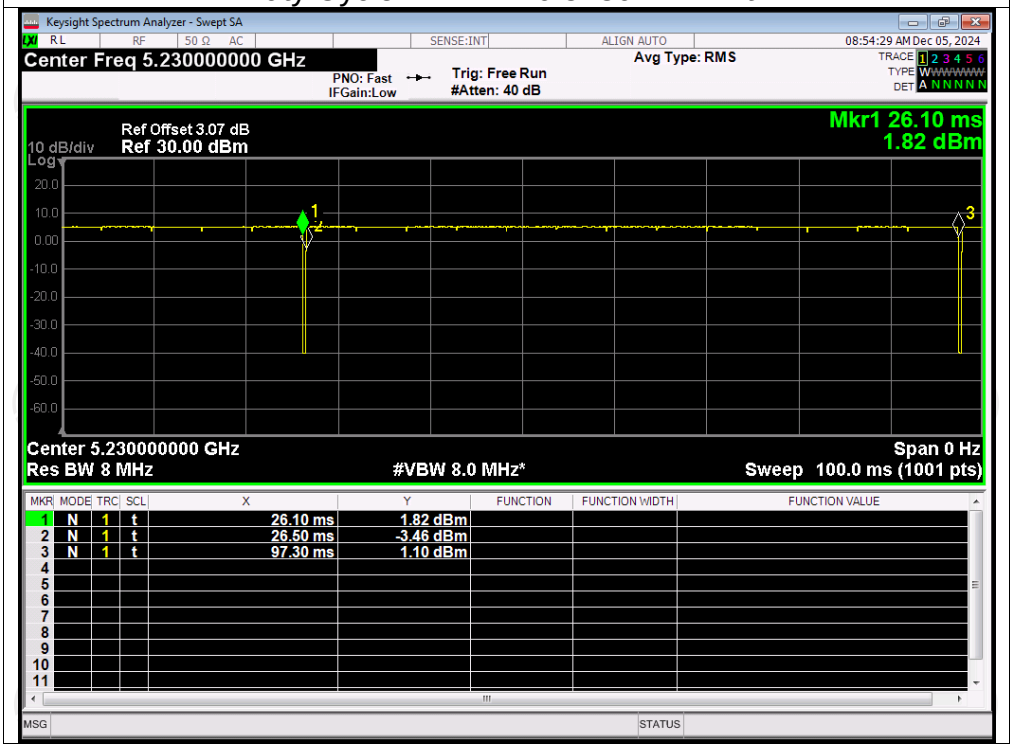

Duty Cycle NVNT n20 5240MHz Ant2



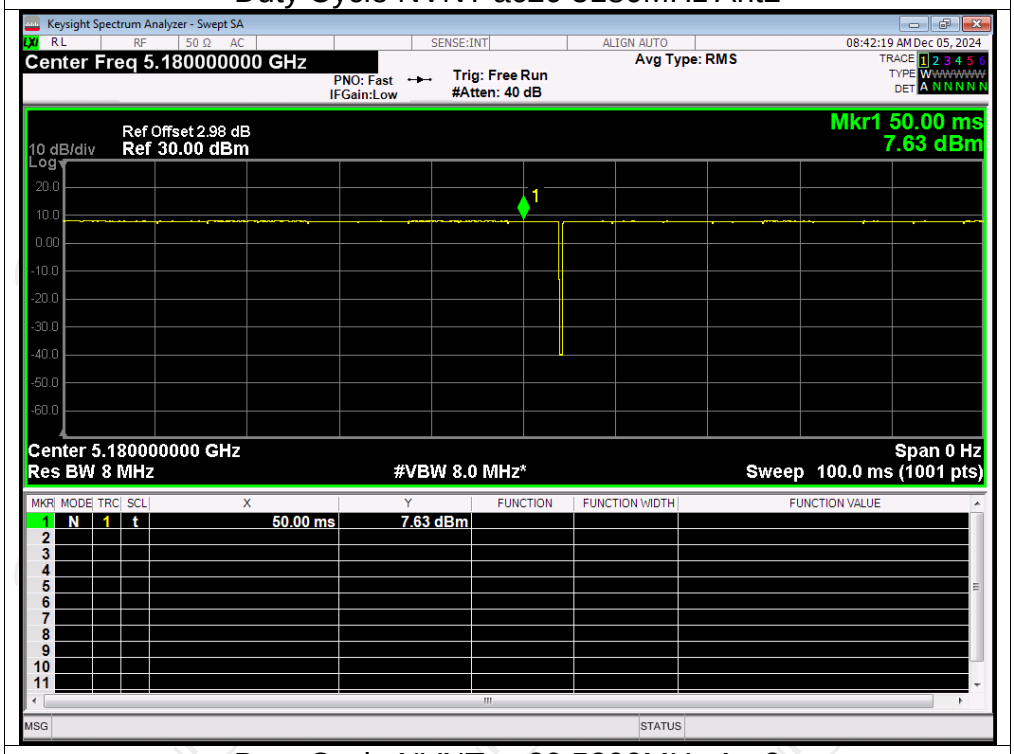
Duty Cycle NVNT n40 5190MHz Ant2



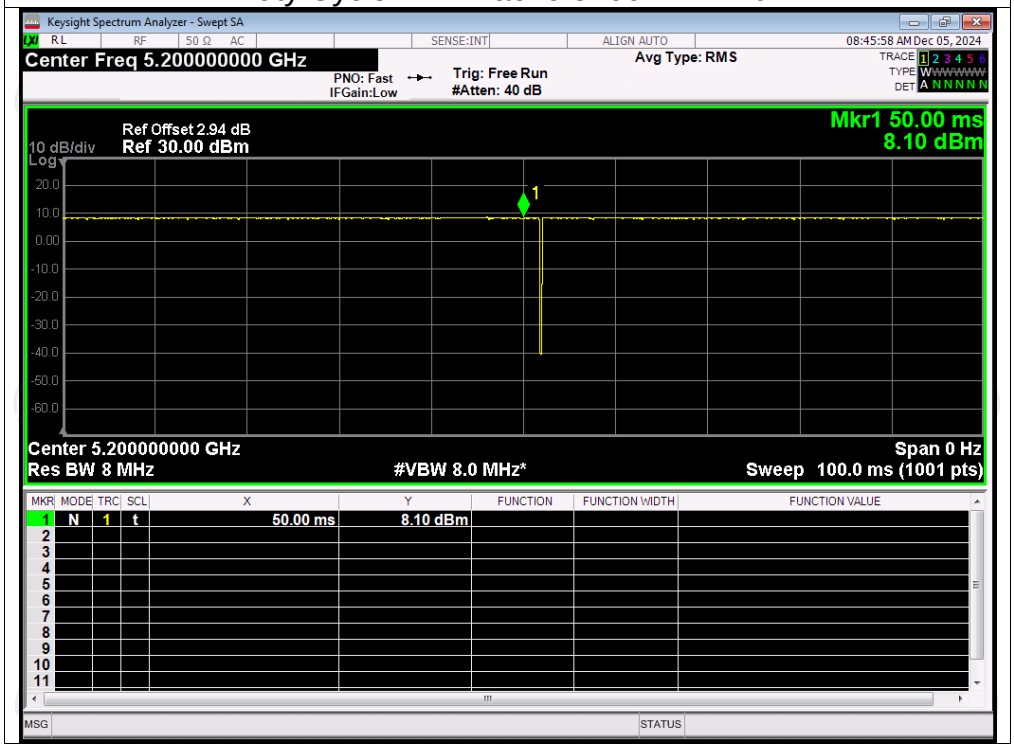

Duty Cycle NVNT n40 5230MHz Ant2



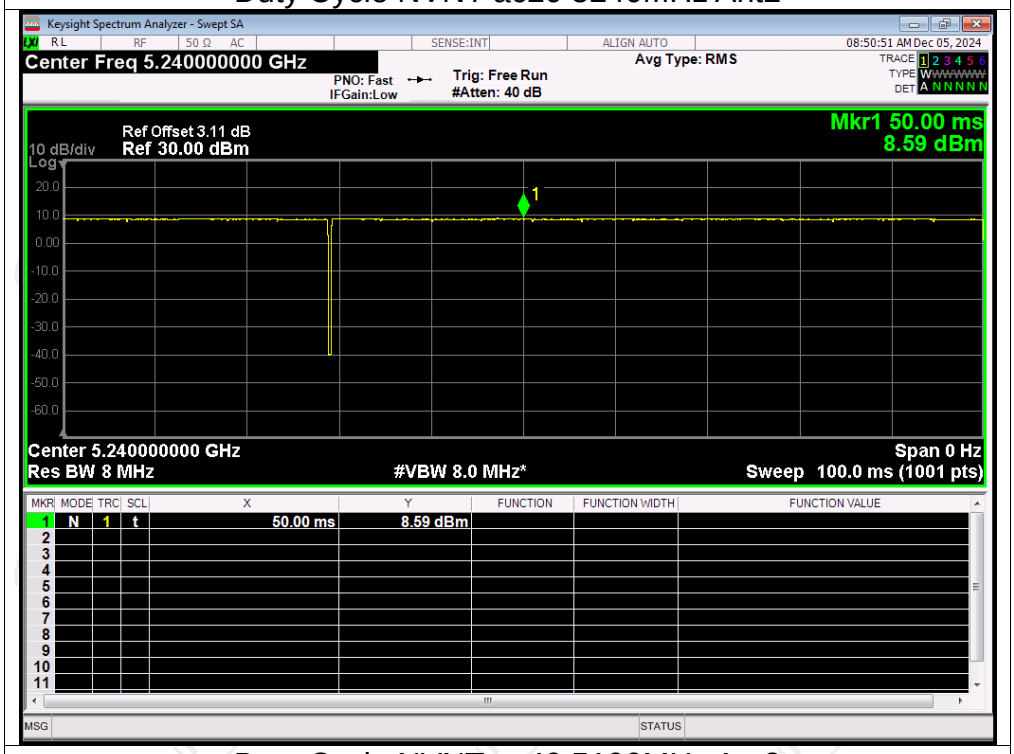
Duty Cycle NVNT ac20 5180MHz Ant2



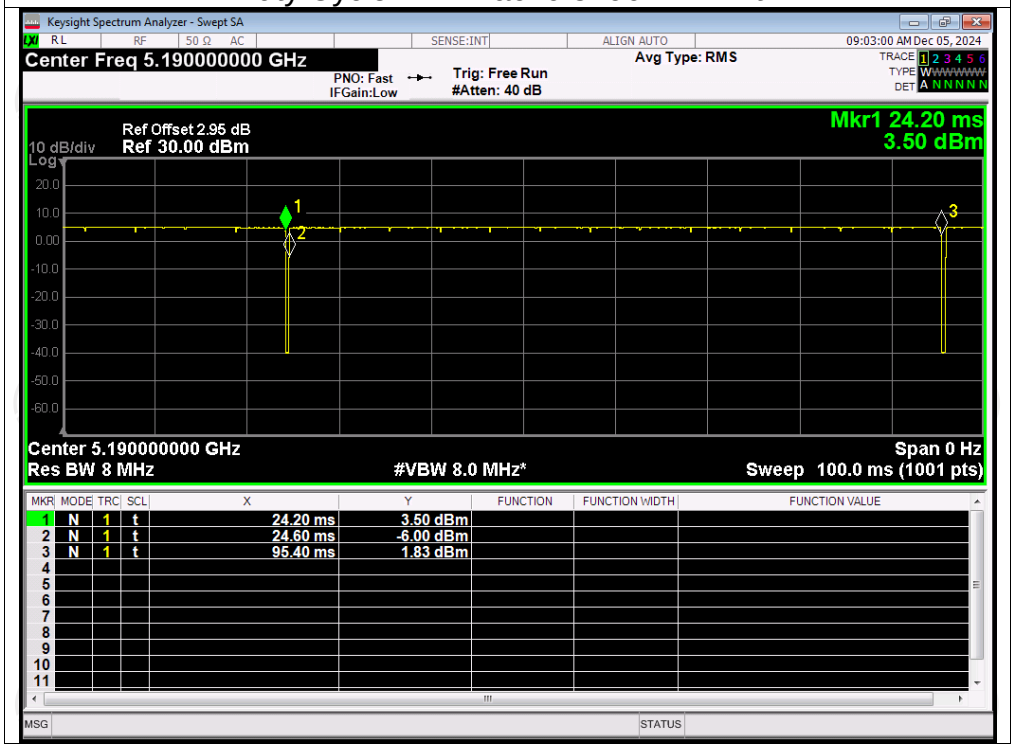

Duty Cycle NVNT ac20 5200MHz Ant2



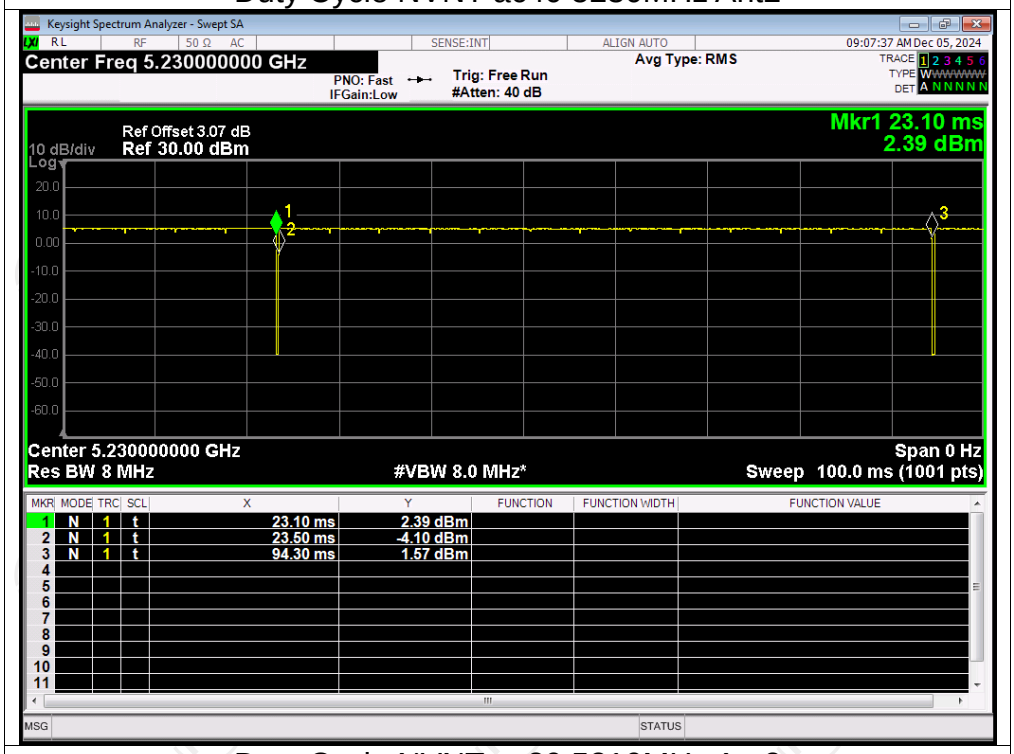
Duty Cycle NVNT ac20 5240MHz Ant2



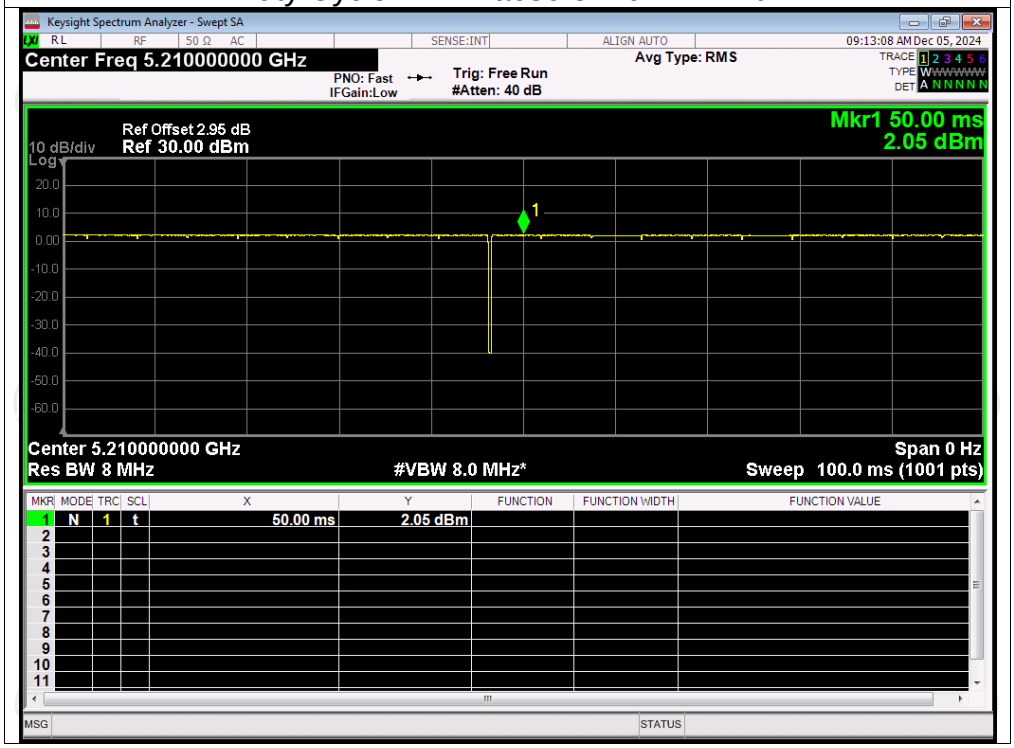

Duty Cycle NVNT ac40 5190MHz Ant2



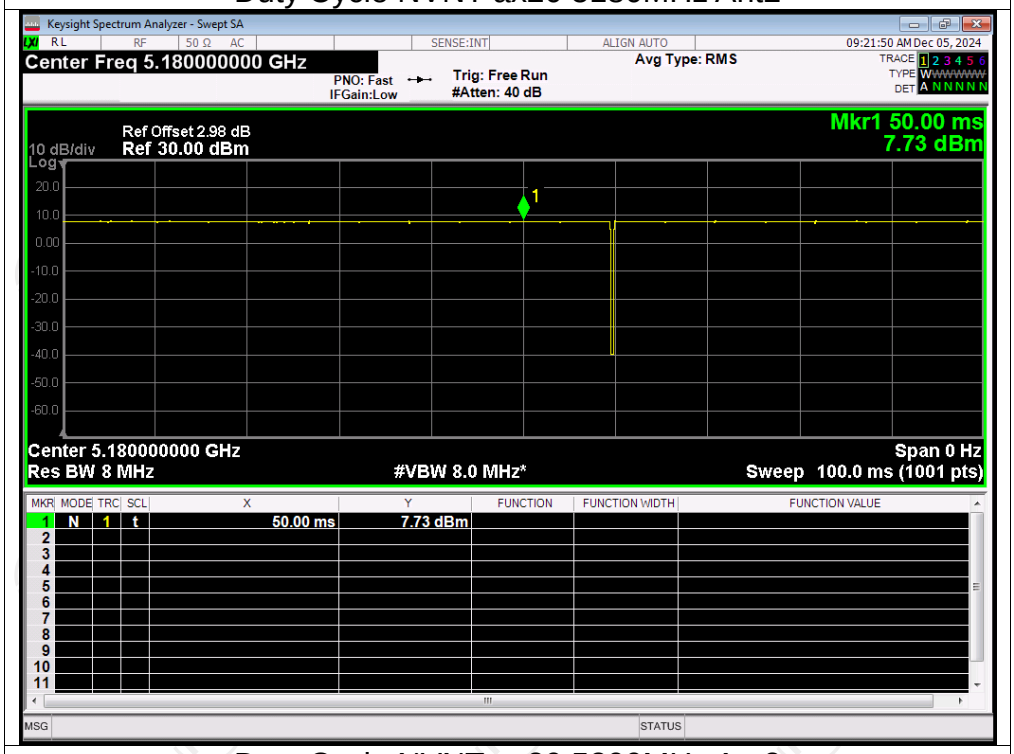
Duty Cycle NVNT ac40 5230MHz Ant2



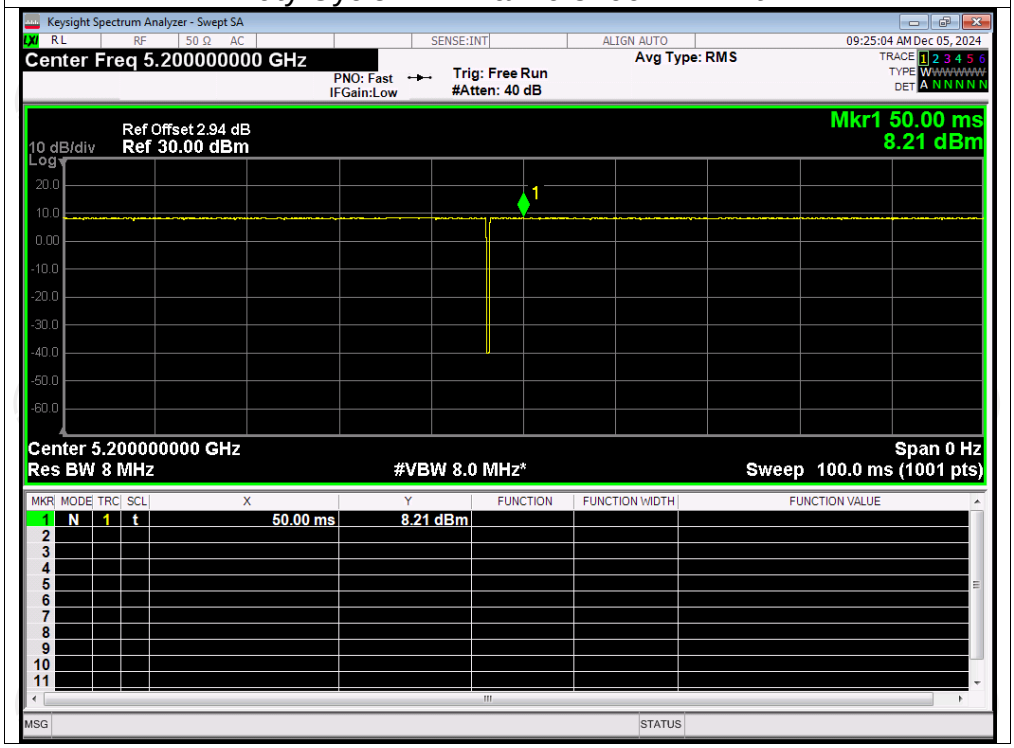

Duty Cycle NVNT ac80 5210MHz Ant2



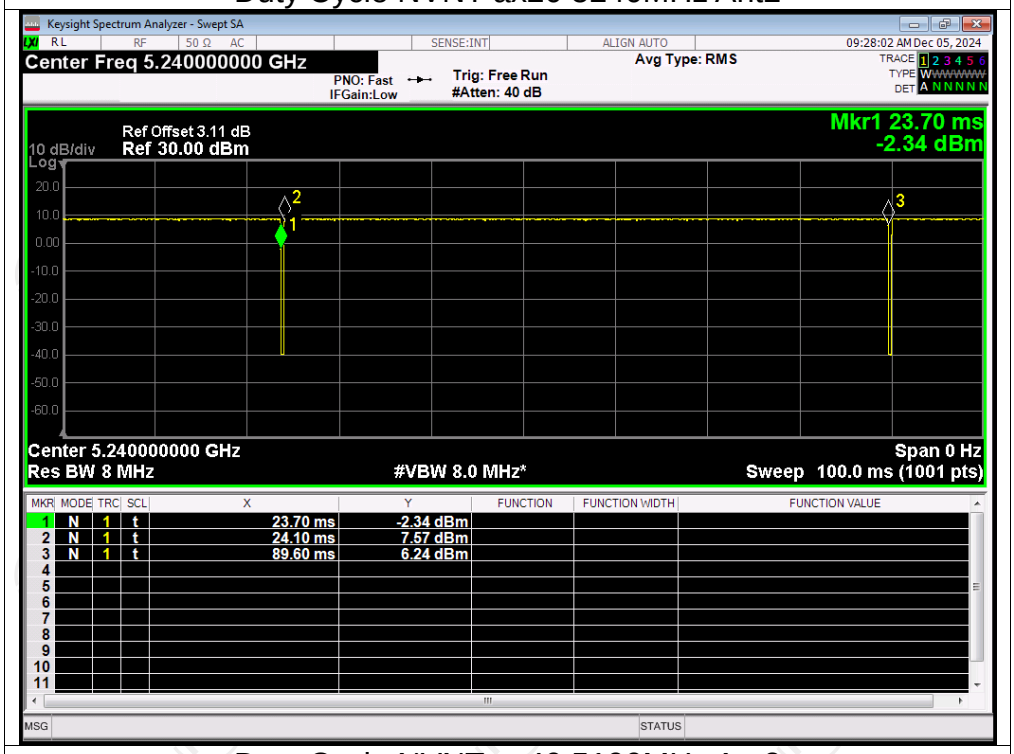
Duty Cycle NVNT ax20 5180MHz Ant2



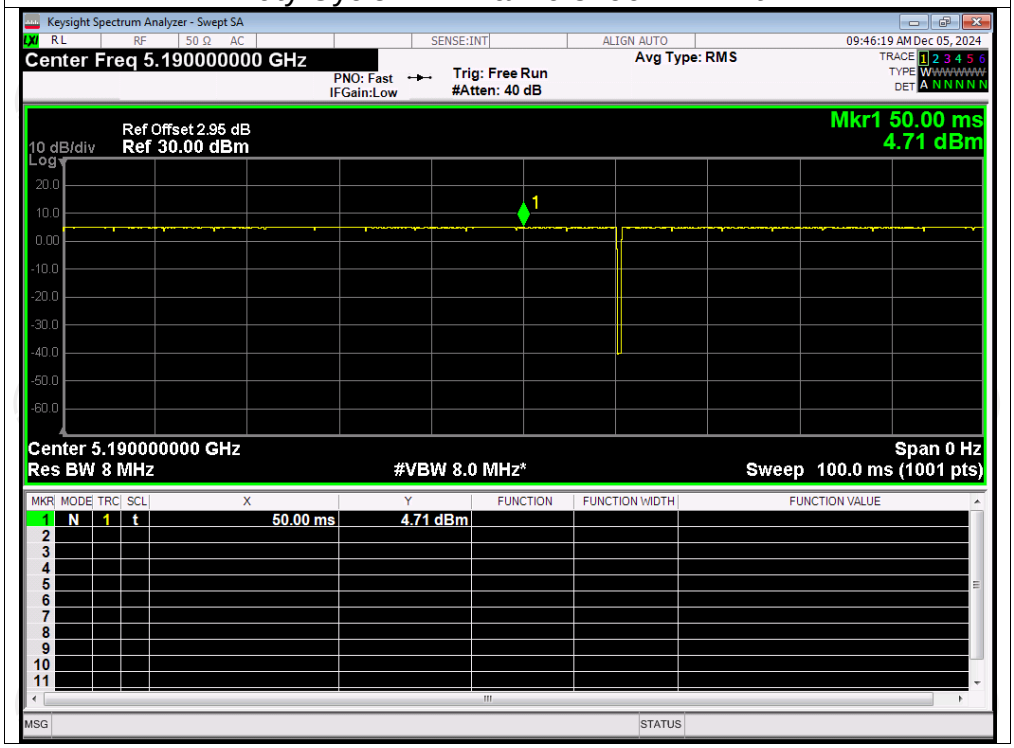

Duty Cycle NVNT ax20 5200MHz Ant2



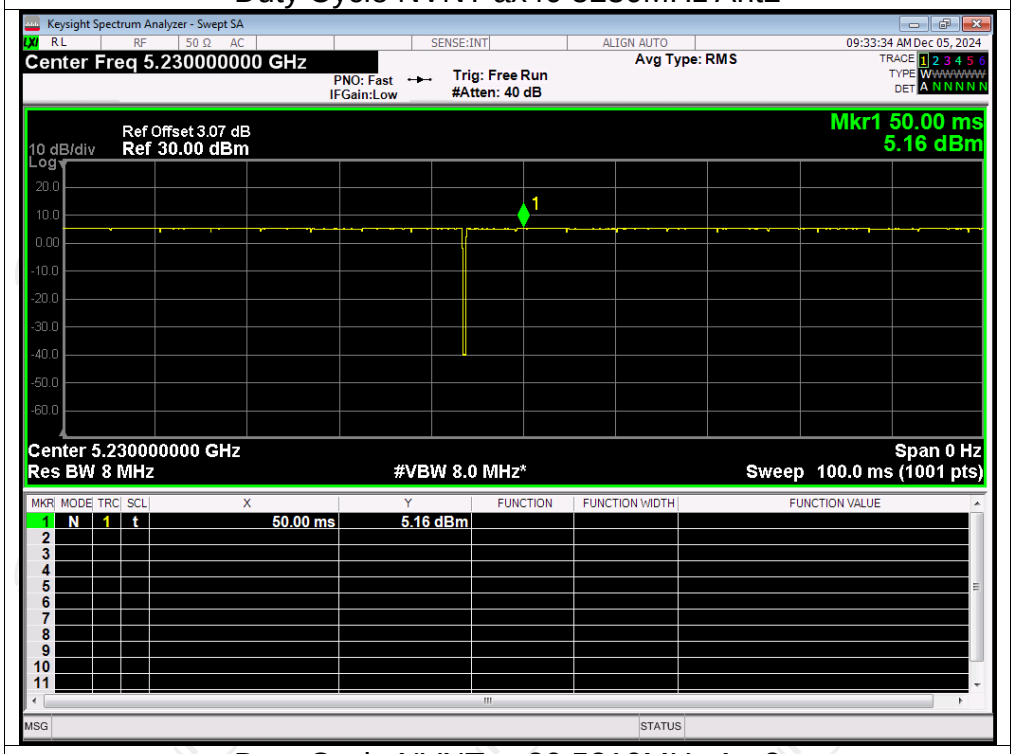
Duty Cycle NVNT ax20 5240MHz Ant2



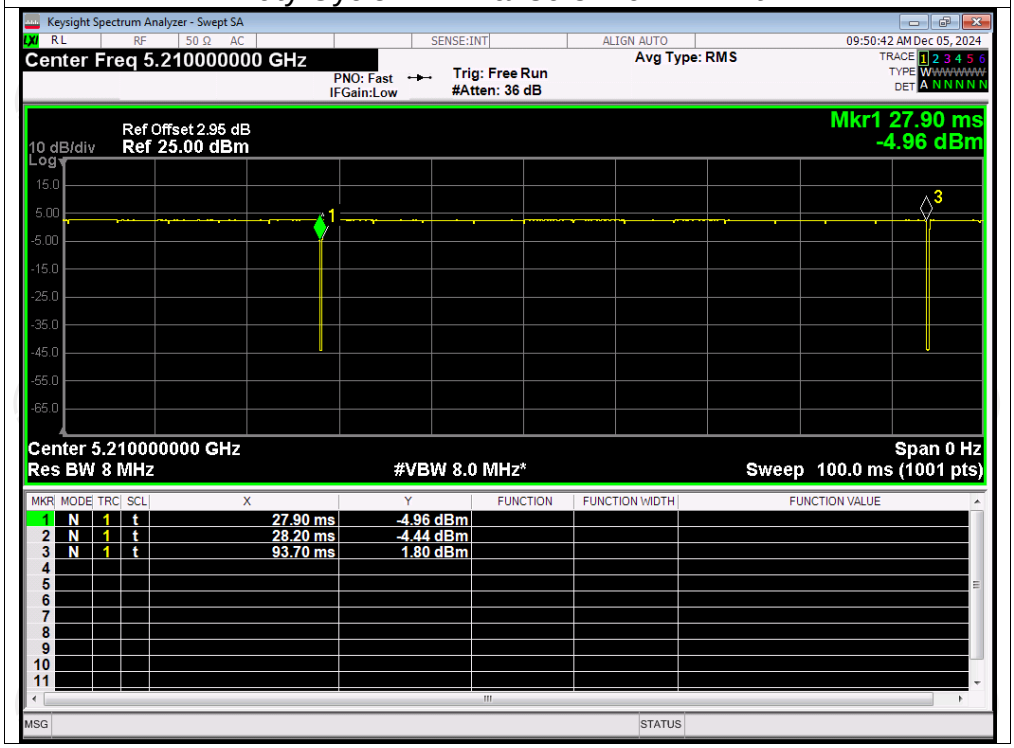

Duty Cycle NVNT ax40 5190MHz Ant2



Duty Cycle NVNT ax40 5230MHz Ant2

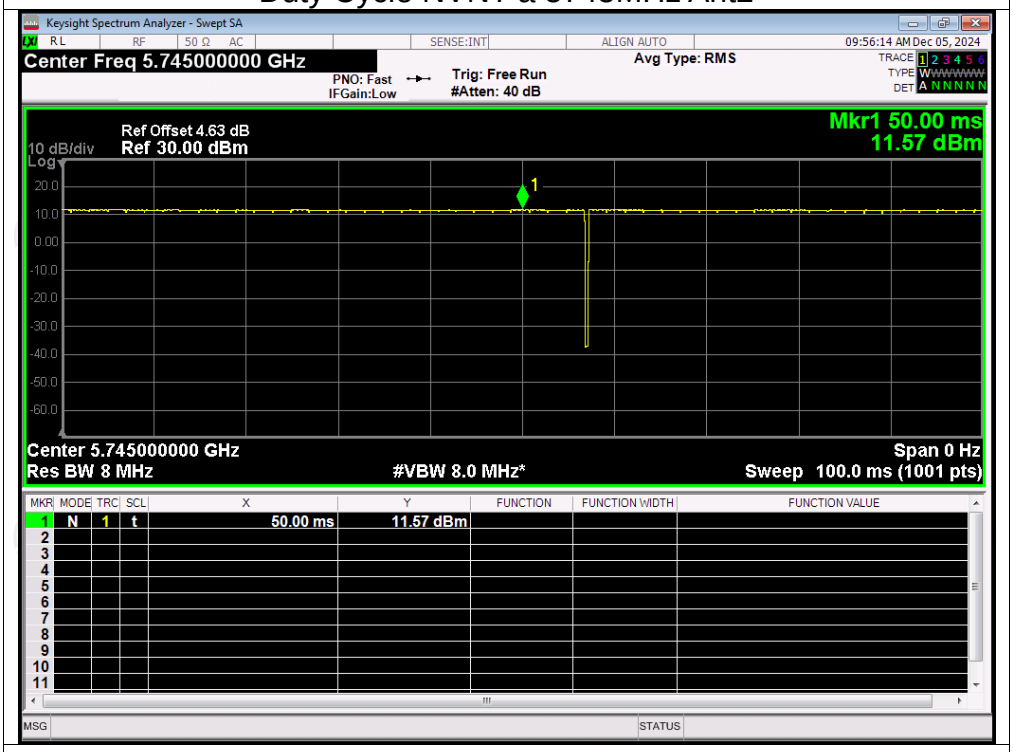



Duty Cycle NVNT ax80 5210MHz Ant2

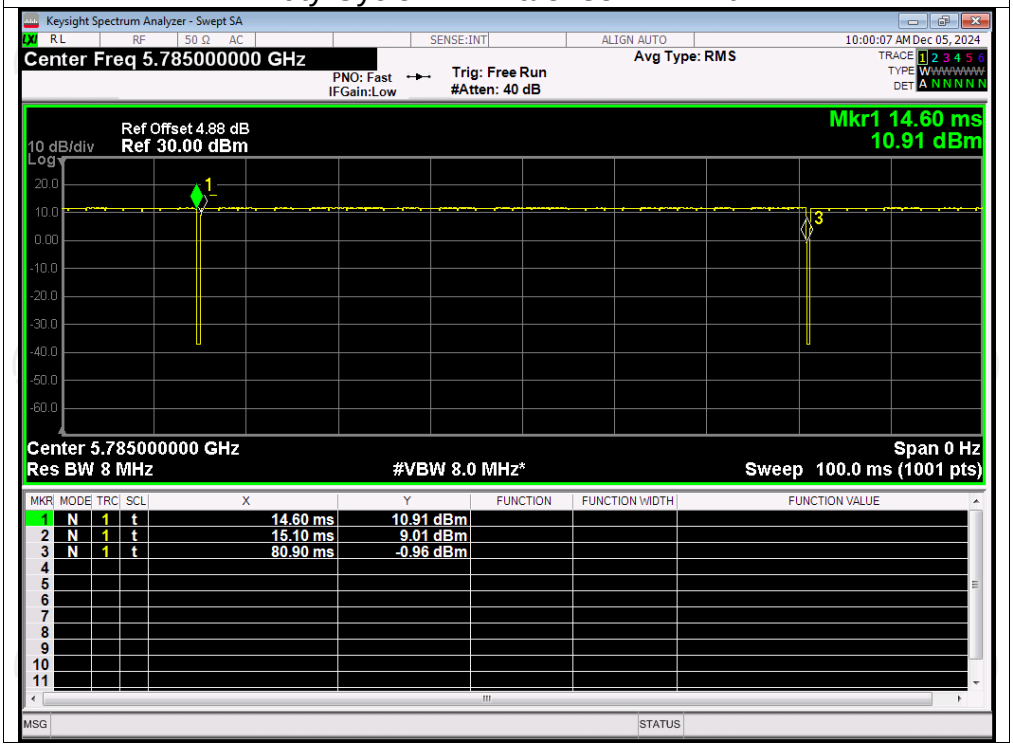


## Test Graphs

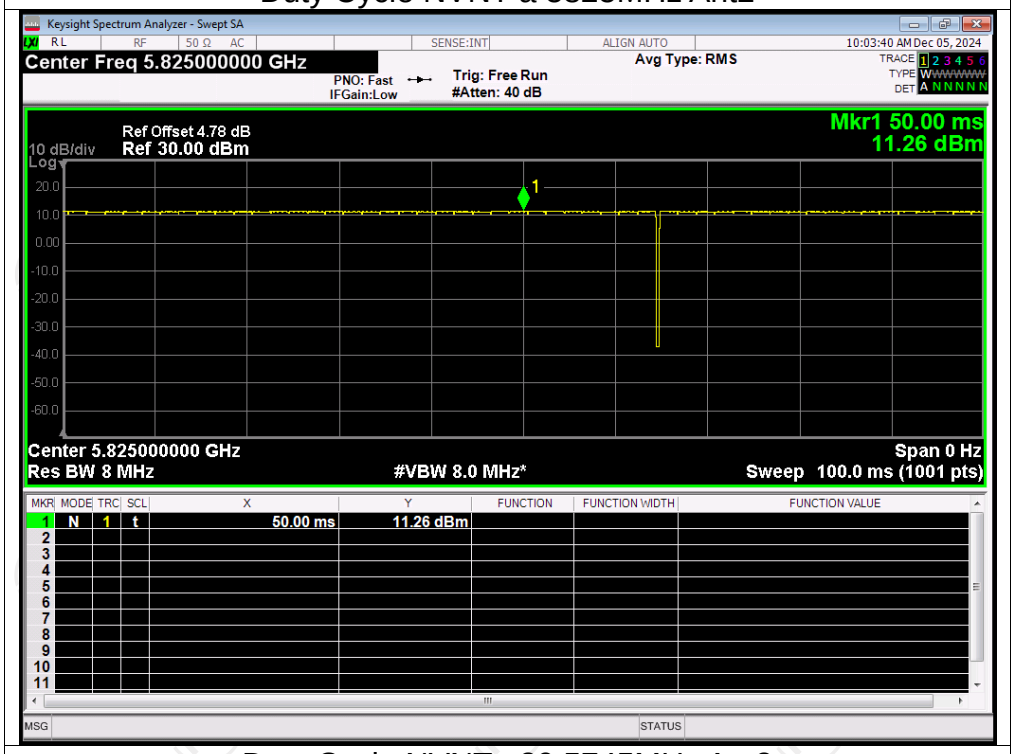
### Duty Cycle NVNT a 5745MHz Ant2

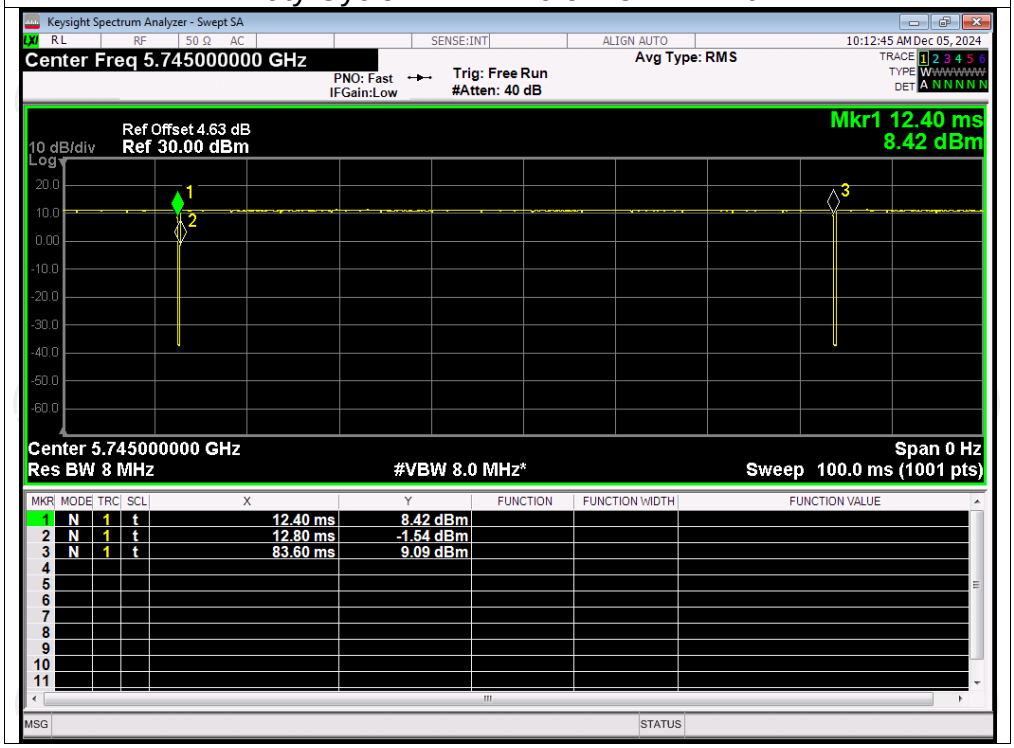



### Duty Cycle NVNT a 5785MHz Ant2



Duty Cycle NVNT a 5825MHz Ant2




Duty Cycle NVNT n20 5745MHz Ant2