# catalogue

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# Duty Cycle

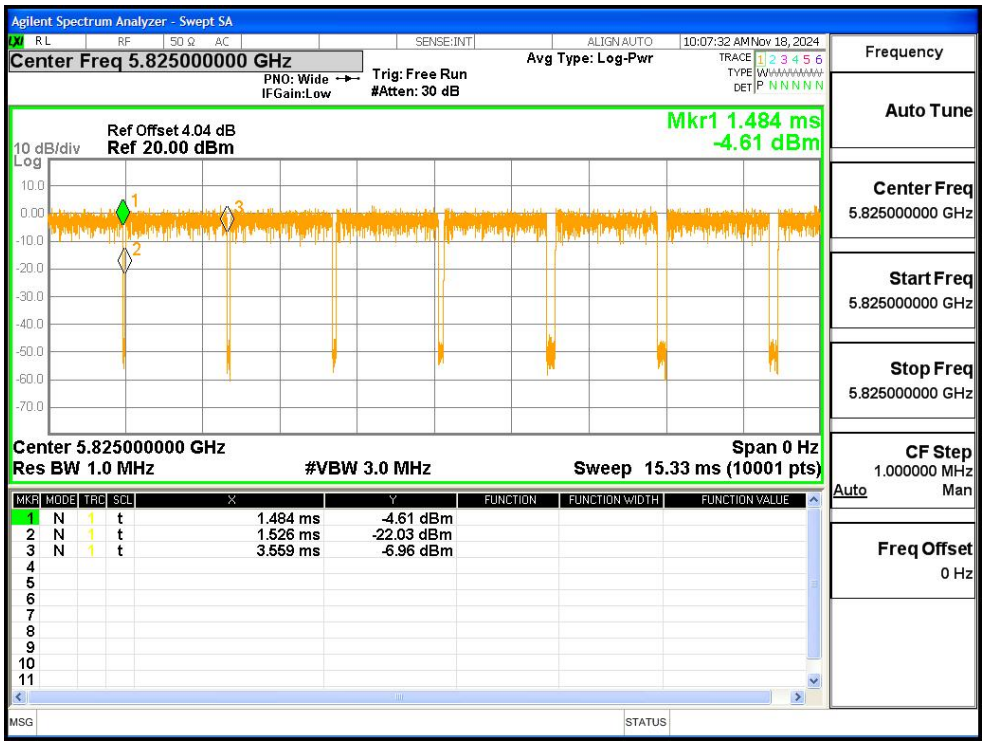
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|---|---|---|---|---|---|---|
| NVNT | a | 5745 | Ant1 | 98 | 0 | 0.49 |
| | | 5785 | | 96.37 | 0.16 | 0.49 |
| | | 5825 | | 98 | 0 | 0.49 |
| | n20 | 5745 | | 89.43 | 0.49 | 0.53 |
| | | 5785 | | 96.56 | 0.15 | 0.53 |
| | | 5825 | | 93.48 | 0.29 | 0.53 |
| | n40 | 5755 | | 94.85 | 0.23 | 1.07 |
| | | 5795 | | 88.13 | 0.55 | 1.07 |
| | ac20 | 5745 | | 97.41 | 0.11 | 0.53 |
| | | 5785 | | 91.51 | 0.39 | 0.53 |
| | | 5825 | | 93.09 | 0.31 | 0.53 |
| | ac40 | 5755 | | 88.42 | 0.53 | 1.07 |
| | | 5795 | | 95.02 | 0.22 | 1.07 |
| | ax20 | 5745 | | 93.31 | 0.3 | 0.69 |
| | | 5785 | | 89.28 | 0.49 | 0.69 |
| | | 5825 | | 90.21 | 0.45 | 0.69 |
| | ax40 | 5755 | | 93.67 | 0.28 | 1.34 |
| | | 5795 | | 82.54 | 0.83 | 1.34 |

Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

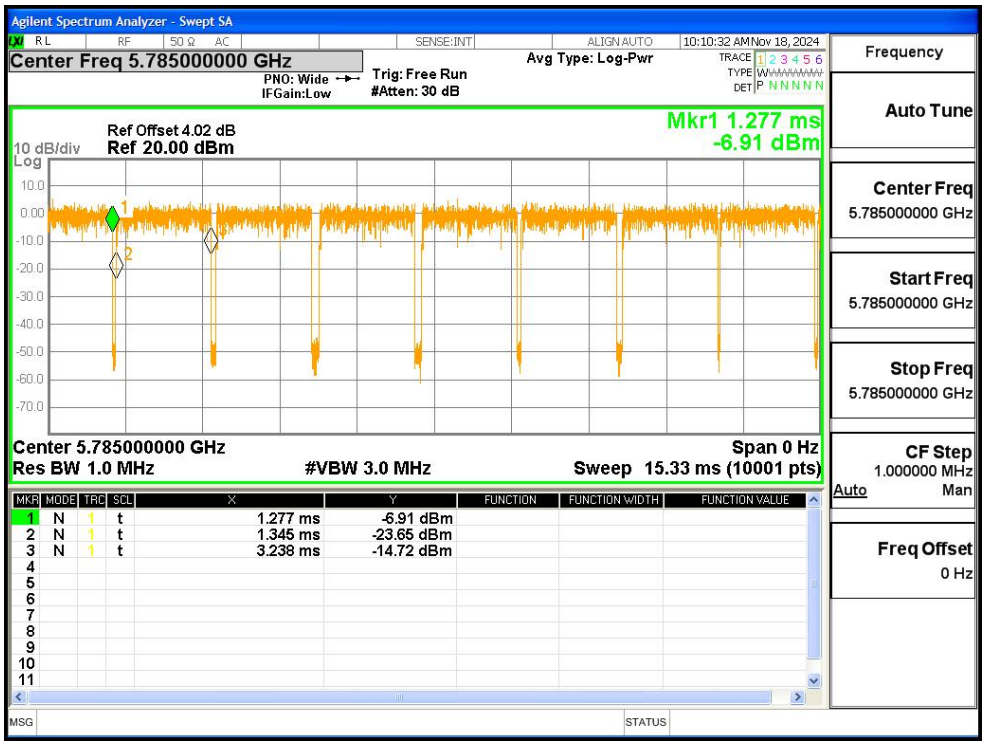
Duty Cycle NVNT a 5785MHz Ant1

Duty Cycle NVNT a 5825MHz Ant1




Duty Cycle NVNT n20 5745MHz Ant1

Duty Cycle NVNT n20 5785MHz Ant1




Duty Cycle NVNT n20 5825MHz Ant1

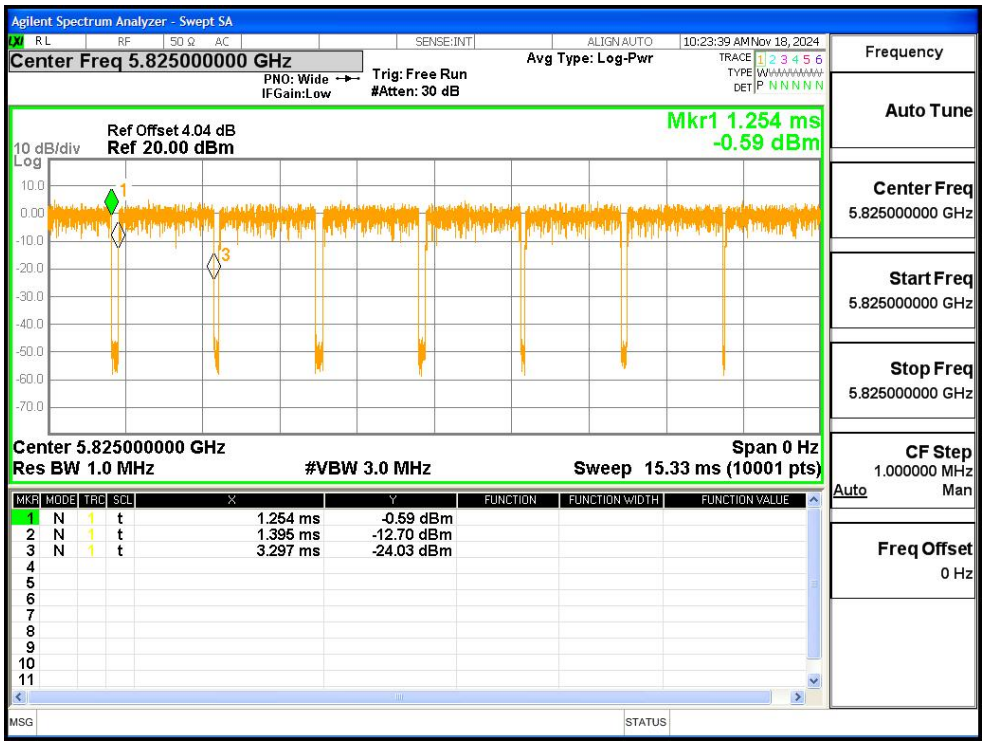
Duty Cycle NVNT n40 5755MHz Ant1

Duty Cycle NVNT n40 5795MHz Ant1

Duty Cycle NVNT ac20 5745MHz Ant1

Duty Cycle NVNT ac20 5785MHz Ant1

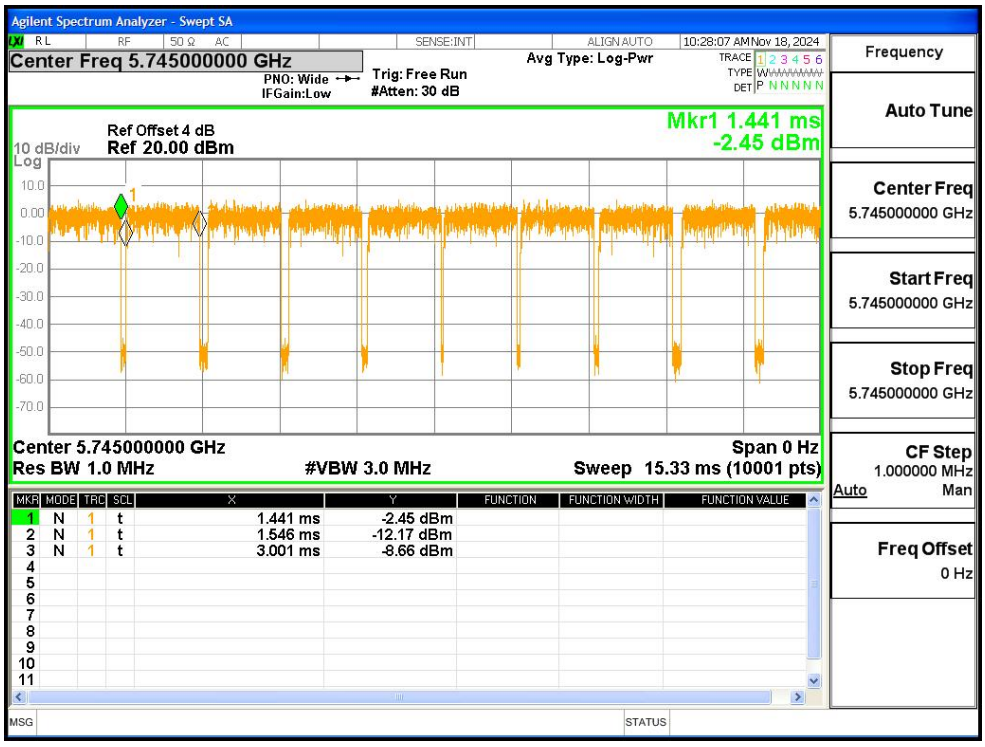
Duty Cycle NVNT ac20 5825MHz Ant1



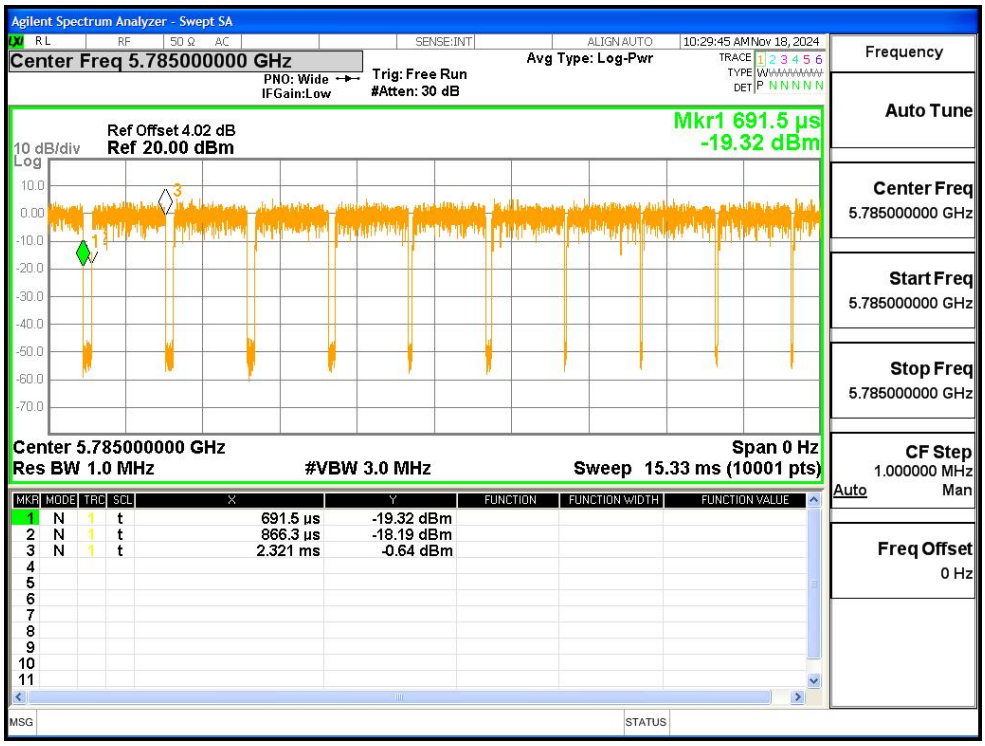

Duty Cycle NVNT ac40 5755MHz Ant1

Duty Cycle NVNT ac40 5795MHz Ant1

Duty Cycle NVNT ax20 5745MHz Ant1



Duty Cycle NVNT ax20 5785MHz Ant1




Duty Cycle NVNT ax20 5825MHz Ant1

Duty Cycle NVNT ax40 5755MHz Ant1

Duty Cycle NVNT ax40 5795MHz Ant1

# Maximum Conducted Output Power

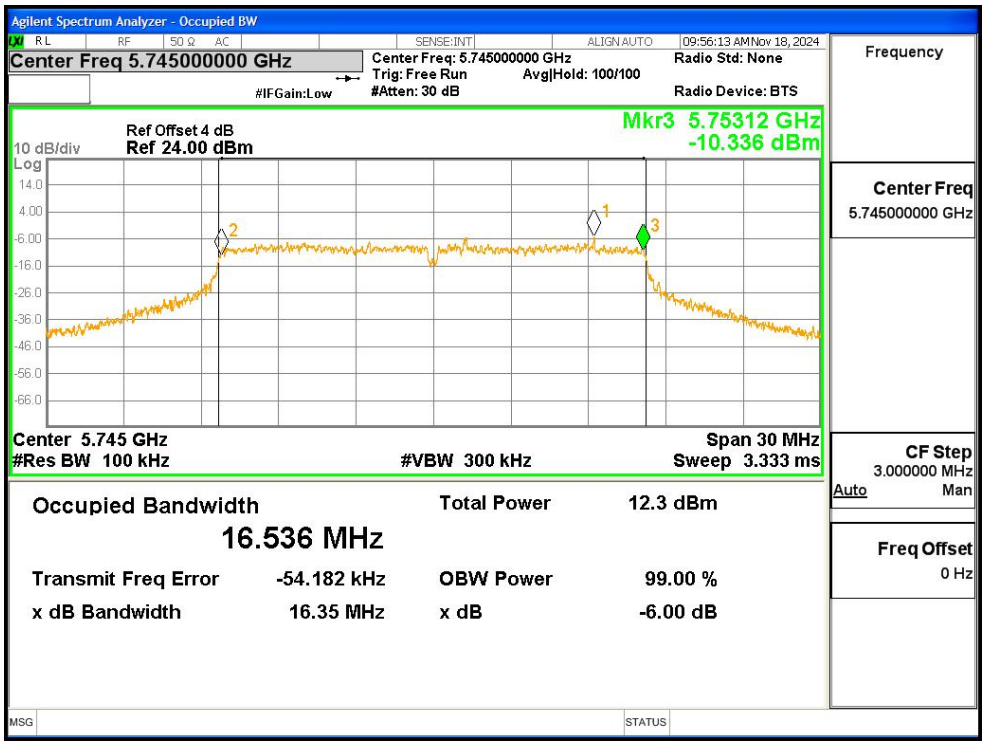
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|
| NVNT | a | 5745 | Ant1 | 6.37 | 0 | 6.37 | 30 | Pass |
| | | 5785 | | 8.79 | 0.16 | 8.95 | 30 | Pass |
| | | 5825 | | 6.82 | 0 | 6.82 | 30 | Pass |
| | n20 | 5745 | | 8.33 | 0.49 | 8.82 | 30 | Pass |
| | | 5785 | | 8.89 | 0.15 | 9.04 | 30 | Pass |
| | | 5825 | | 8.82 | 0.29 | 9.11 | 30 | Pass |
| | n40 | 5755 | | 8.03 | 0.23 | 8.26 | 30 | Pass |
| | | 5795 | | 8.07 | 0.55 | 8.62 | 30 | Pass |
| | ac20 | 5745 | | 8.28 | 0.11 | 8.39 | 30 | Pass |
| | | 5785 | | 8.8 | 0.39 | 9.19 | 30 | Pass |
| | | 5825 | | 8.81 | 0.31 | 9.12 | 30 | Pass |
| | ac40 | 5755 | | 8.15 | 0.53 | 8.68 | 30 | Pass |
| | | 5795 | | 8.5 | 0.22 | 8.72 | 30 | Pass |
| | ax20 | 5745 | | 8.18 | 0.3 | 8.48 | 30 | Pass |
| | | 5785 | | 8.81 | 0.49 | 9.3 | 30 | Pass |
| | | 5825 | | 8.86 | 0.45 | 9.31 | 30 | Pass |
| | ax40 | 5755 | | 7.94 | 0.28 | 8.22 | 30 | Pass |
| | | 5795 | | 8.4 | 0.83 | 9.23 | 30 | Pass |

# -6dB Bandwidth

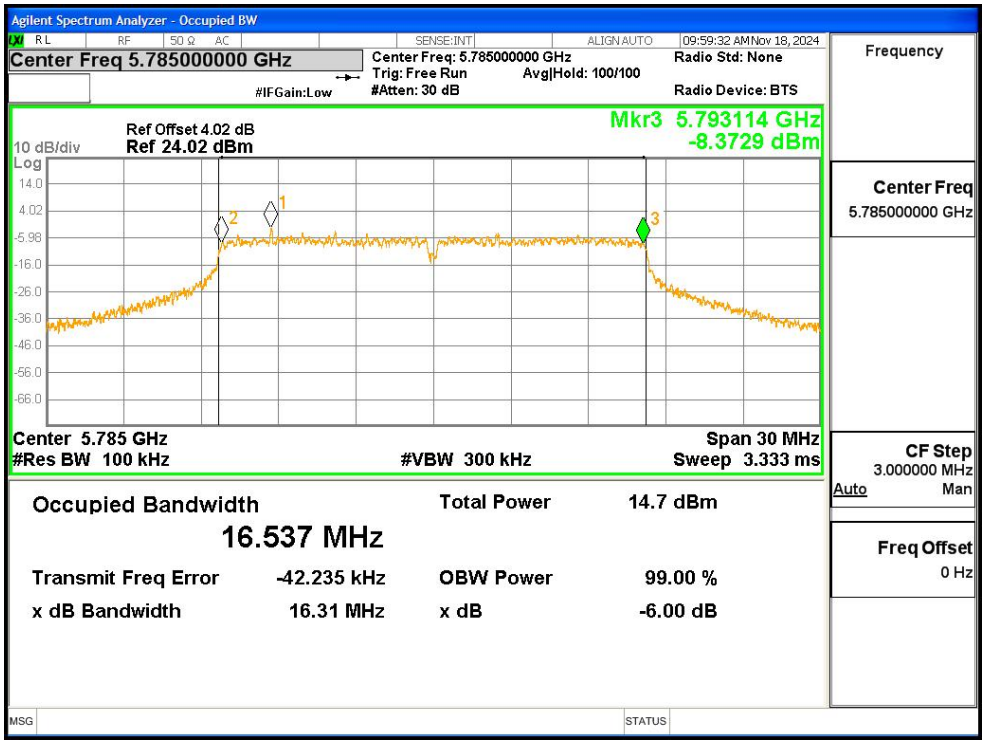
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | a | 5745 | Ant1 | 16.348 | 0.5 | Pass |
| | | 5785 | | 16.313 | 0.5 | Pass |
| | | 5825 | | 16.327 | 0.5 | Pass |
| | n20 | 5745 | | 17.569 | 0.5 | Pass |
| | | 5785 | | 17.562 | 0.5 | Pass |
| | | 5825 | | 17.595 | 0.5 | Pass |
| | n40 | 5755 | | 36.306 | 0.5 | Pass |
| | | 5795 | | 36.317 | 0.5 | Pass |
| | ac20 | 5745 | | 17.58 | 0.5 | Pass |
| | | 5785 | | 17.562 | 0.5 | Pass |
| | | 5825 | | 17.586 | 0.5 | Pass |
| | ac40 | 5755 | | 36.334 | 0.5 | Pass |
| | | 5795 | | 36.333 | 0.5 | Pass |
| | ax20 | 5745 | | 18.908 | 0.5 | Pass |
| | | 5785 | | 18.94 | 0.5 | Pass |
| | | 5825 | | 18.954 | 0.5 | Pass |
| | ax40 | 5755 | | 37.934 | 0.5 | Pass |
| | | 5795 | | 37.895 | 0.5 | Pass |

Test Graphs

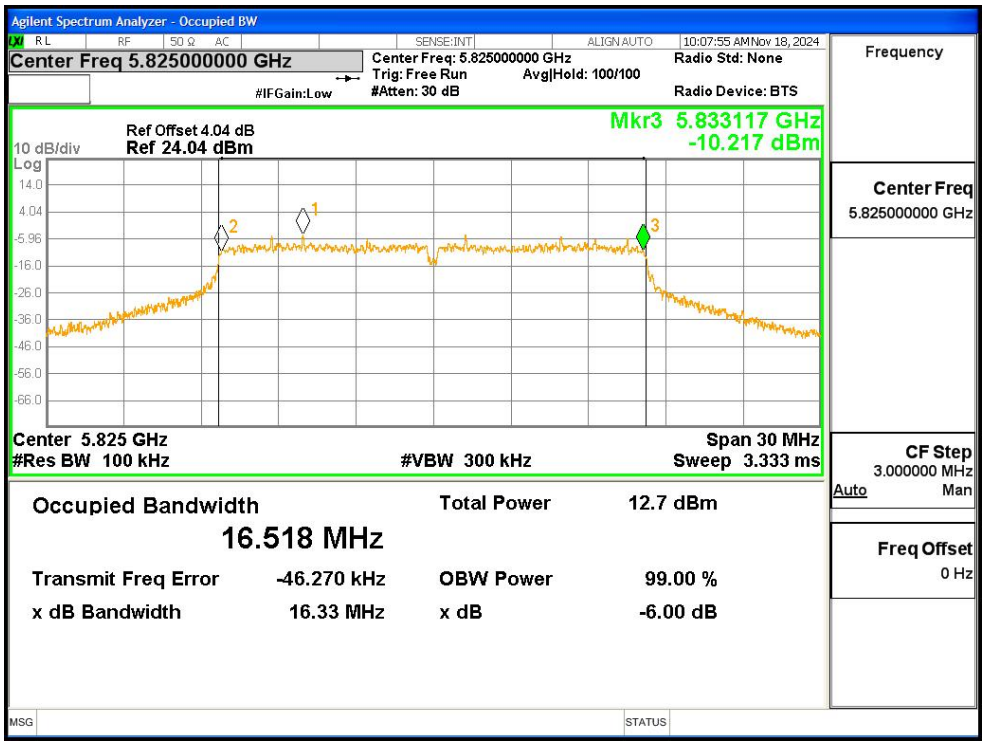
-6dB Bandwidth NVNT a 5745MHz Ant1



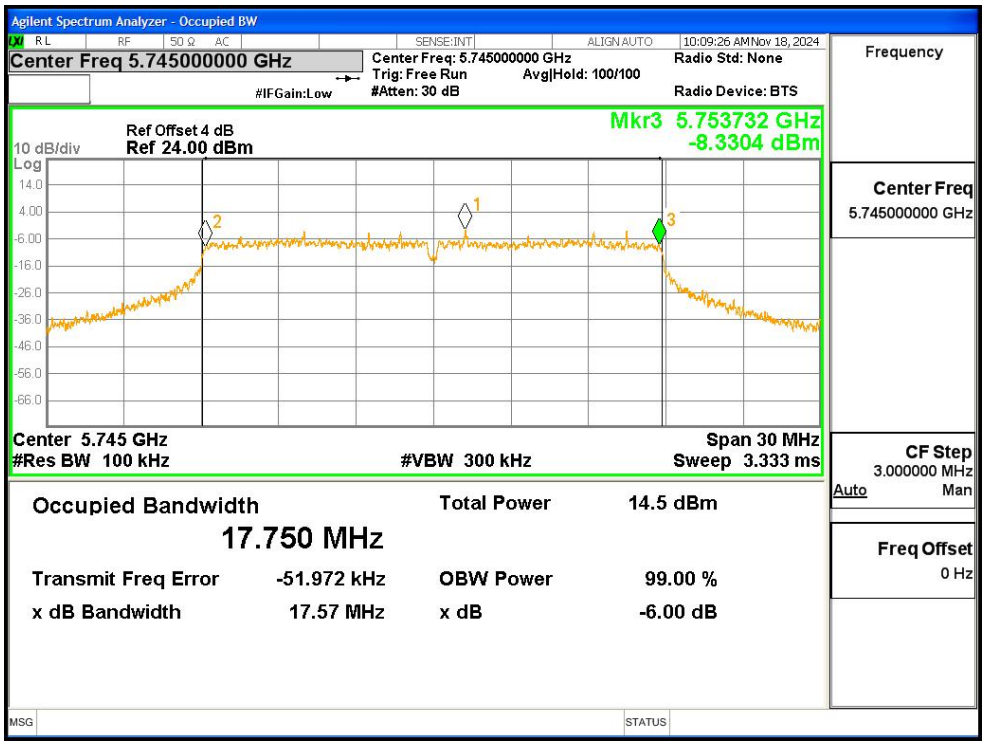

-6dB Bandwidth NVNT a 5785MHz Ant1



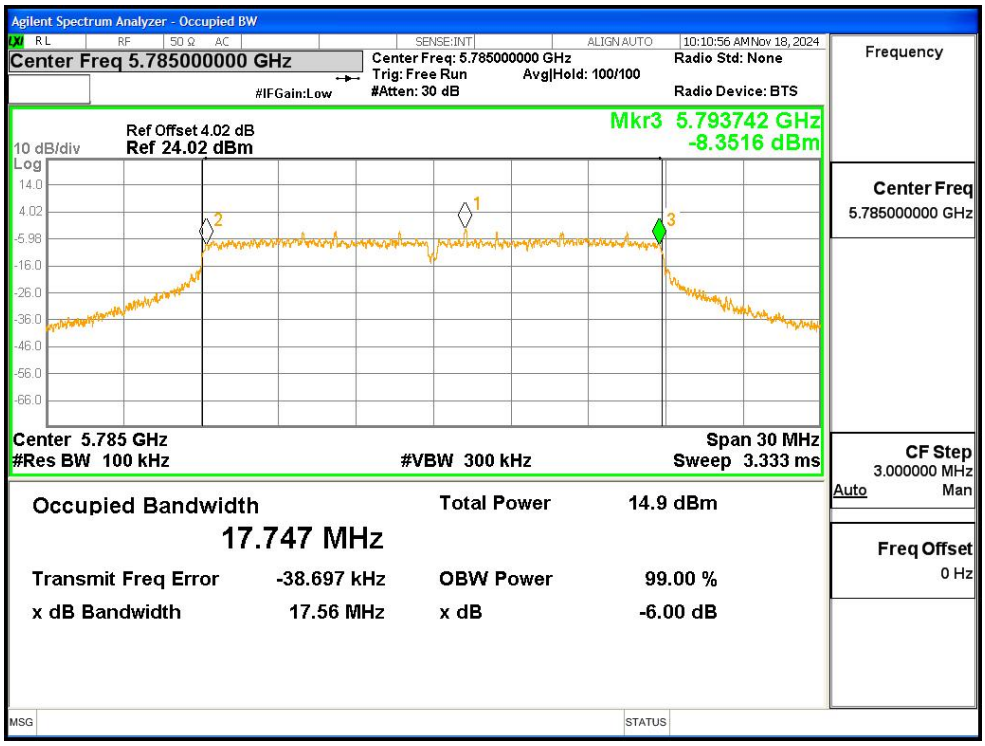
-6dB Bandwidth NVNT a 5825MHz Ant1



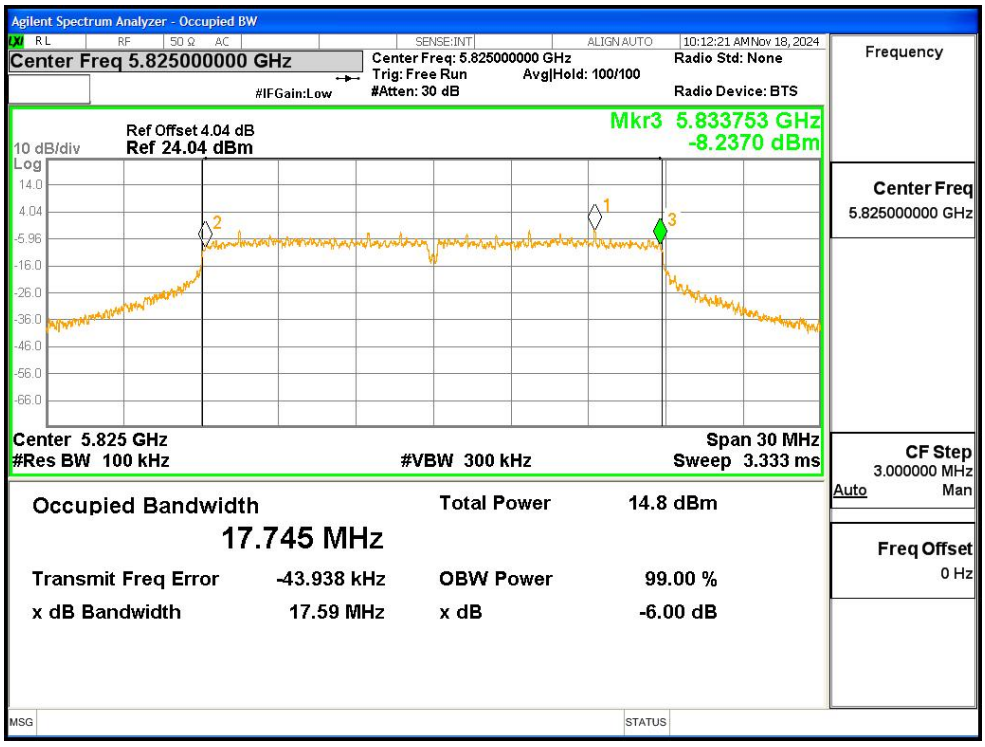

-6dB Bandwidth NVNT n20 5745MHz Ant1



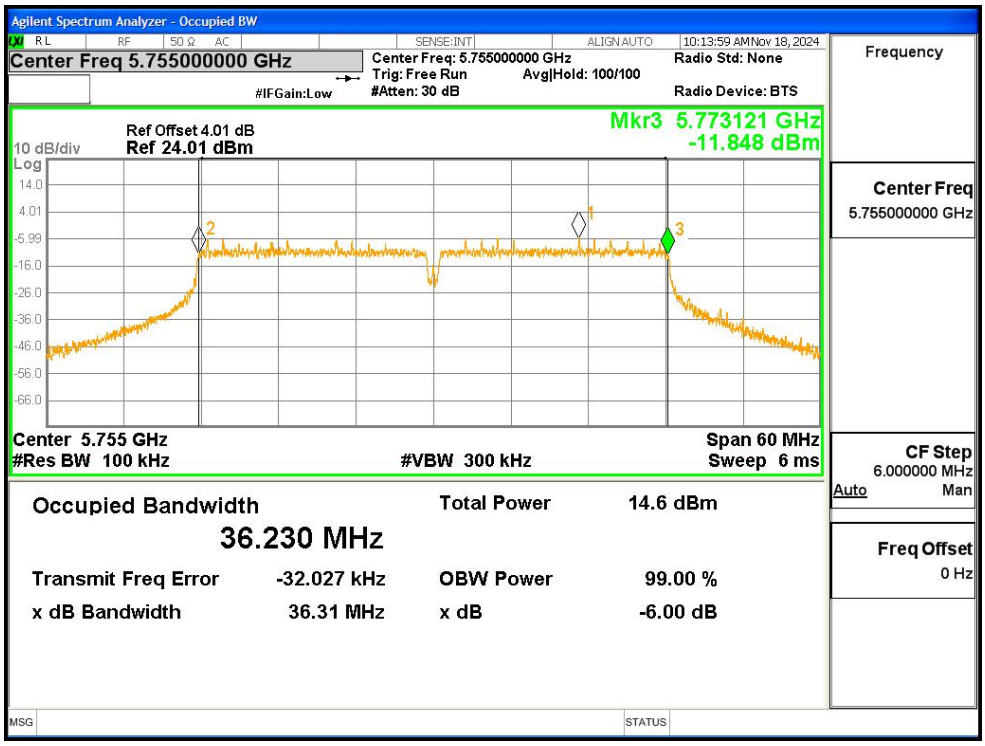
-6dB Bandwidth NVNT n20 5785MHz Ant1



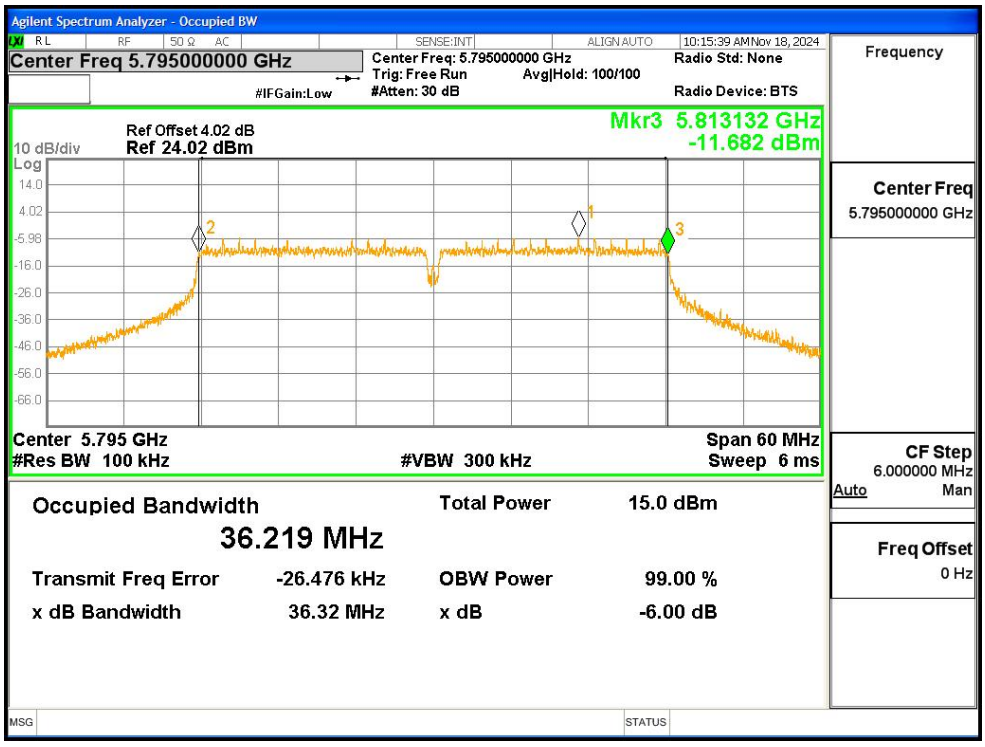

-6dB Bandwidth NVNT n20 5825MHz Ant1



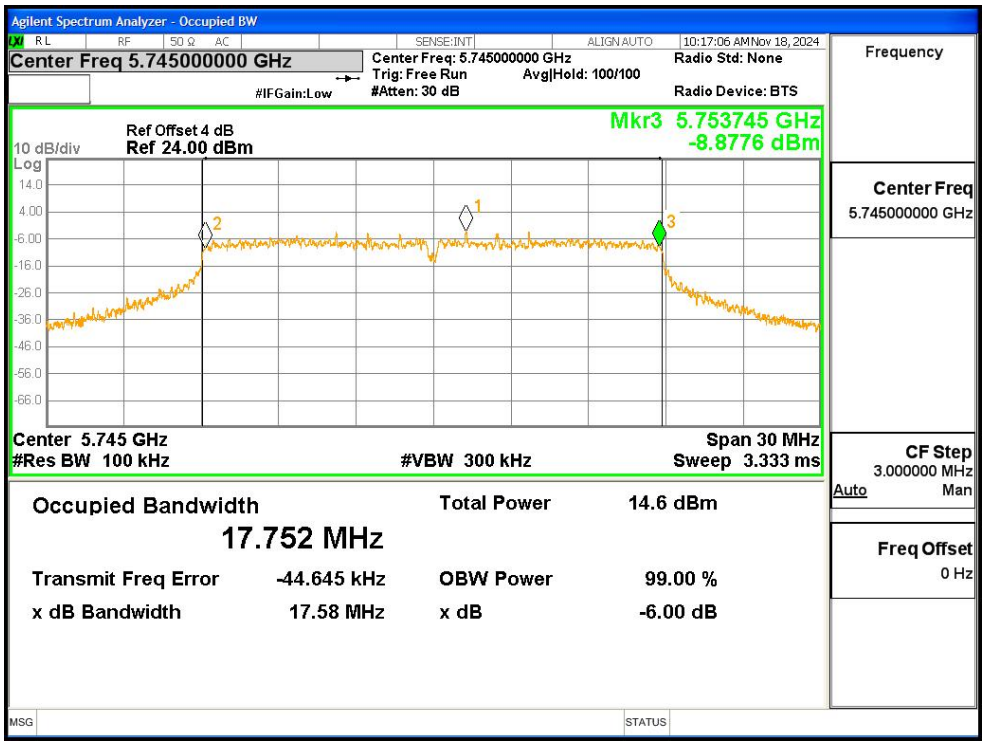
-6dB Bandwidth NVNT n40 5755MHz Ant1



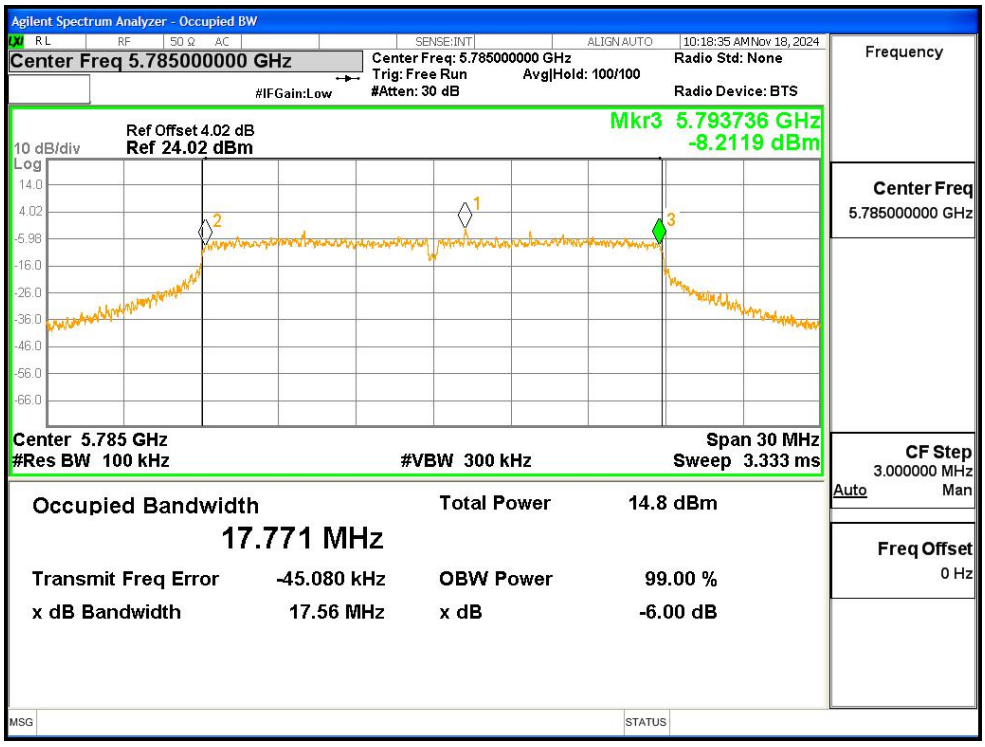

-6dB Bandwidth NVNT n40 5795MHz Ant1



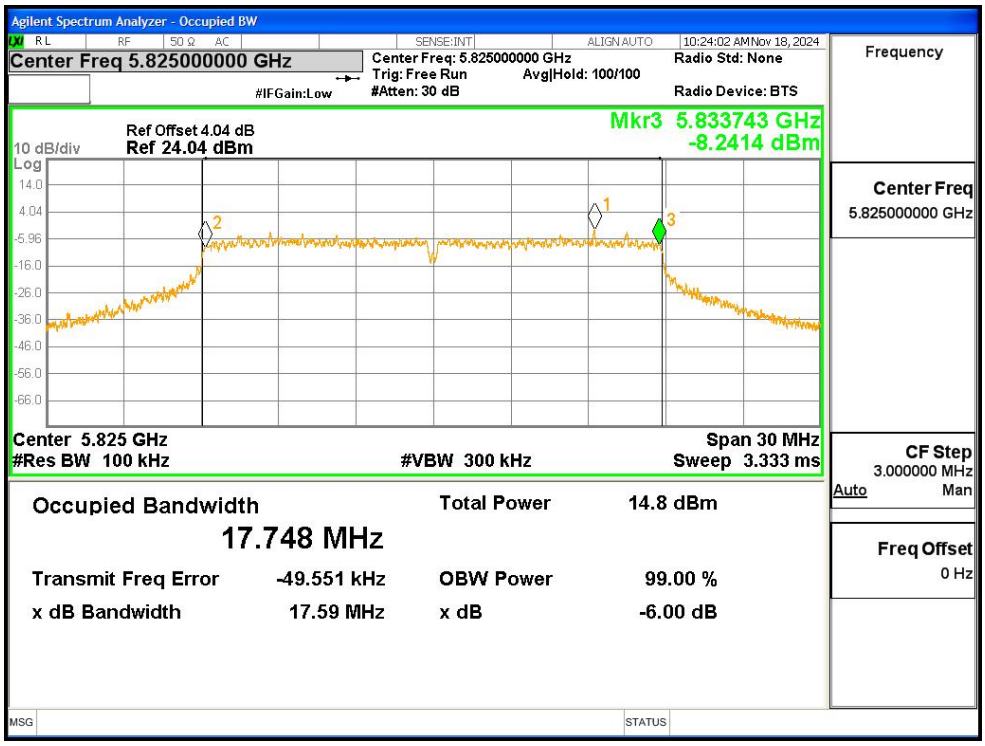
-6dB Bandwidth NVNT ac20 5745MHz Ant1



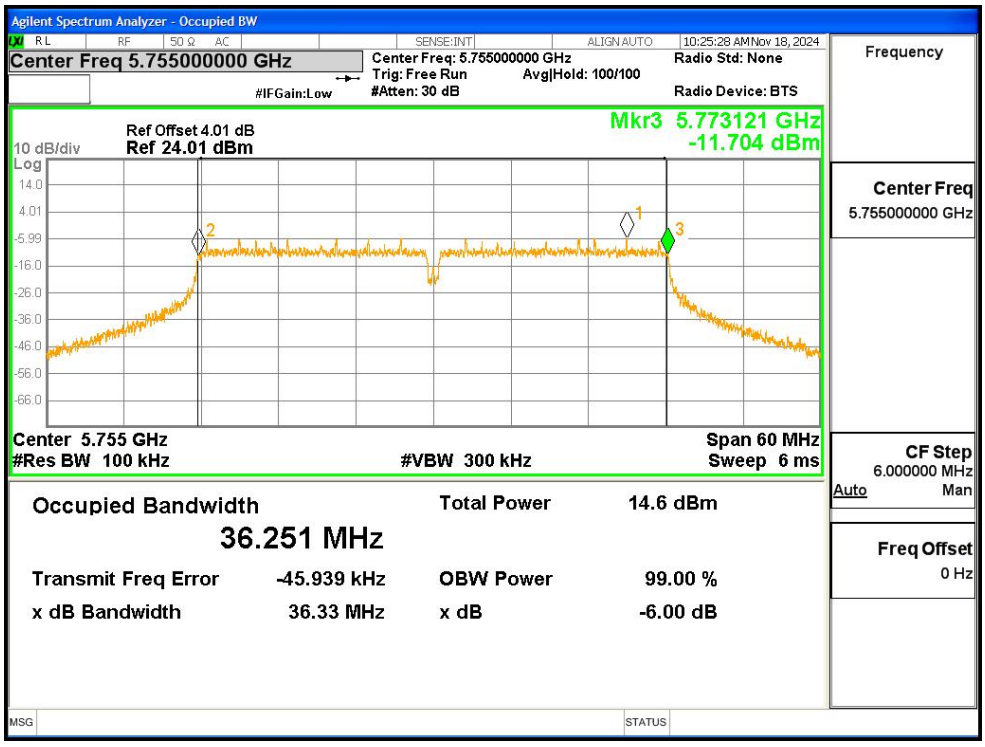

-6dB Bandwidth NVNT ac20 5785MHz Ant1



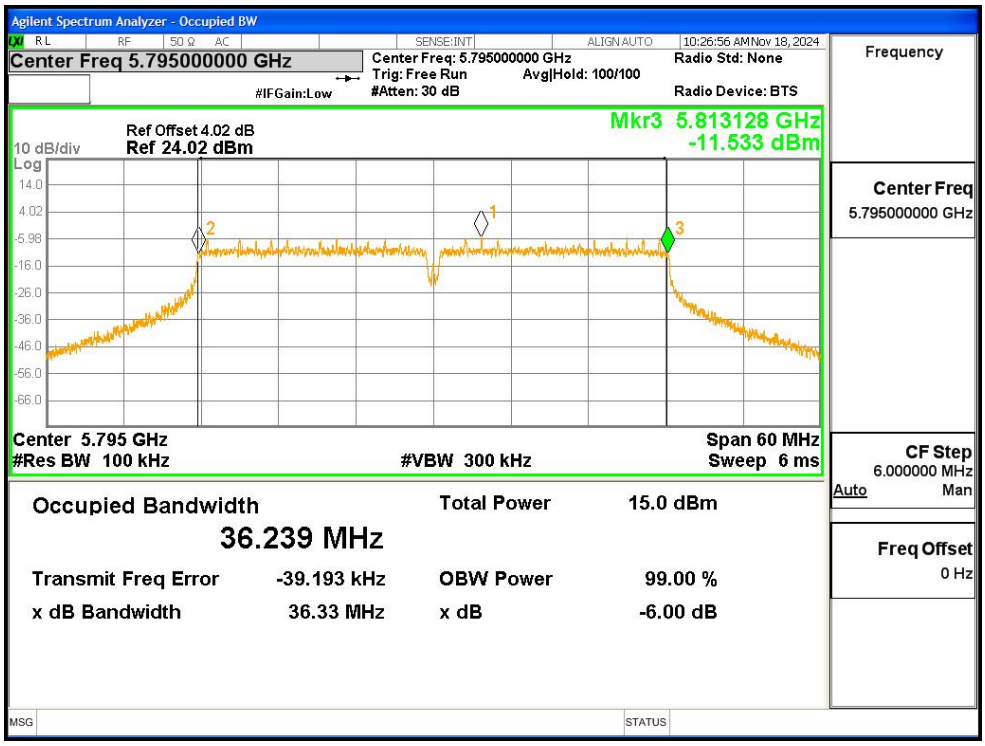
-6dB Bandwidth NVNT ac20 5825MHz Ant1



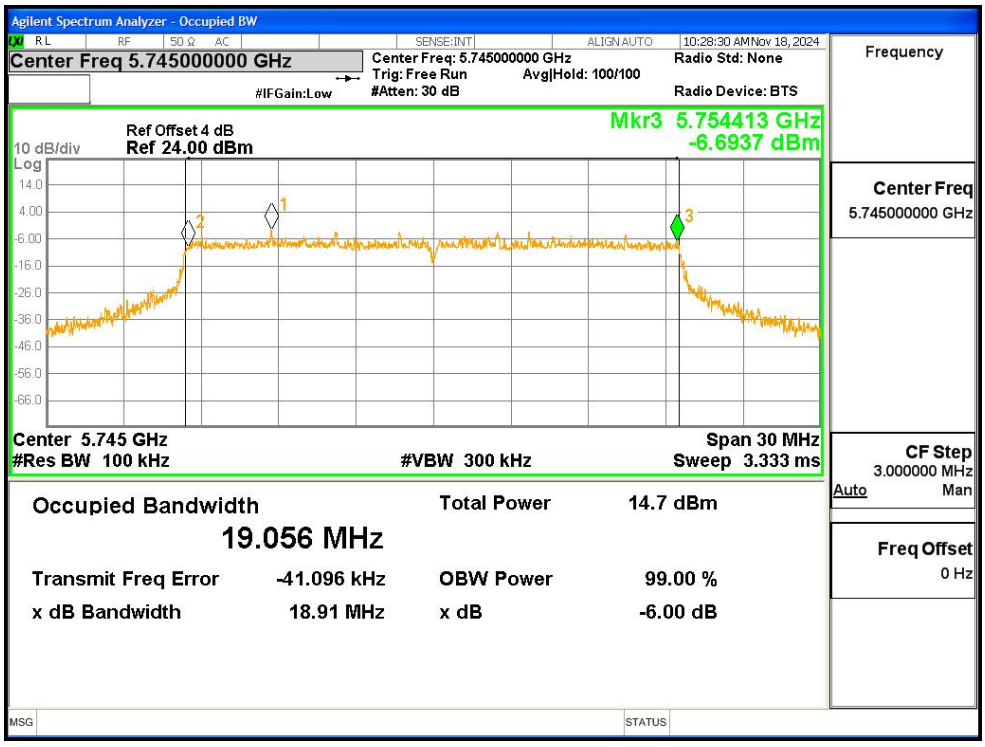

-6dB Bandwidth NVNT ac40 5755MHz Ant1



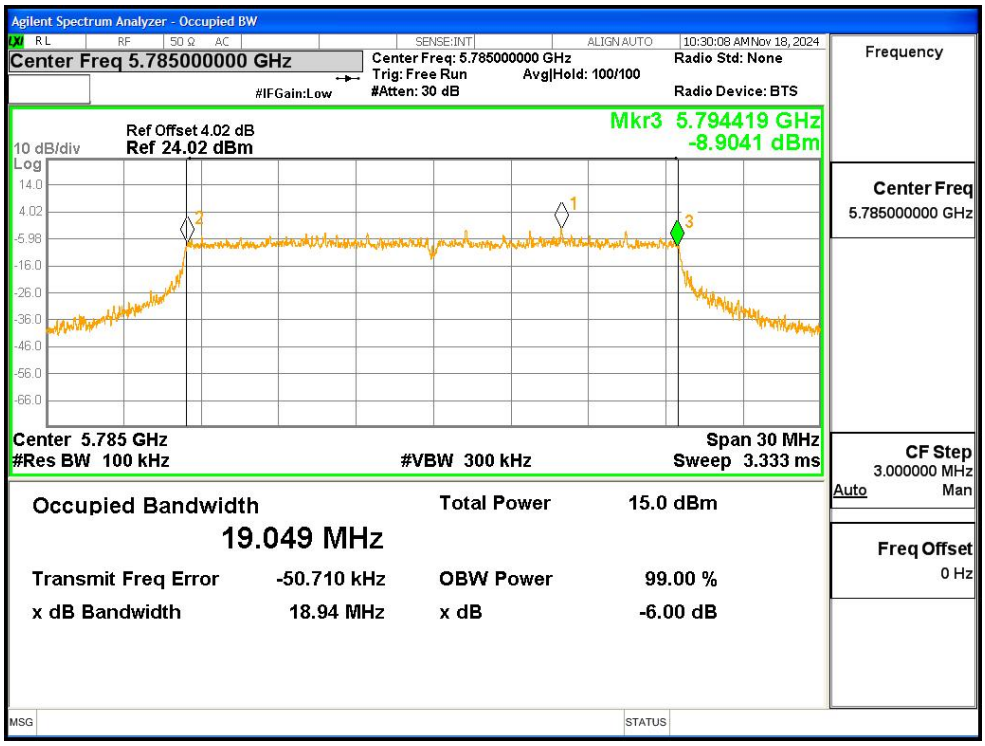
-6dB Bandwidth NVNT ac40 5795MHz Ant1



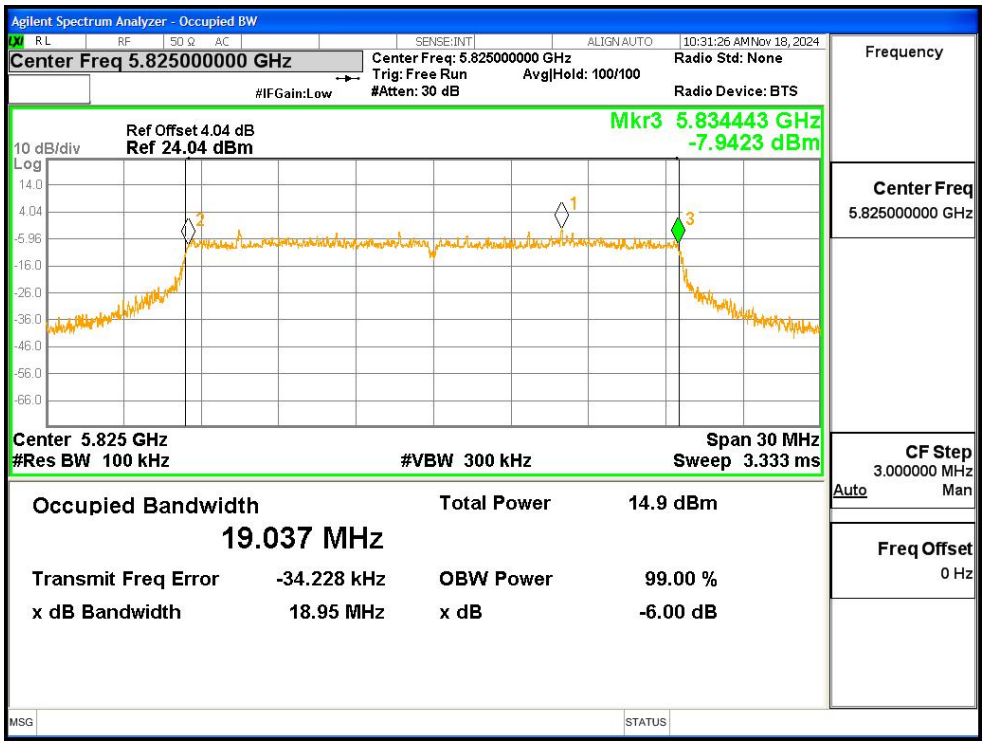

-6dB Bandwidth NVNT ax20 5745MHz Ant1



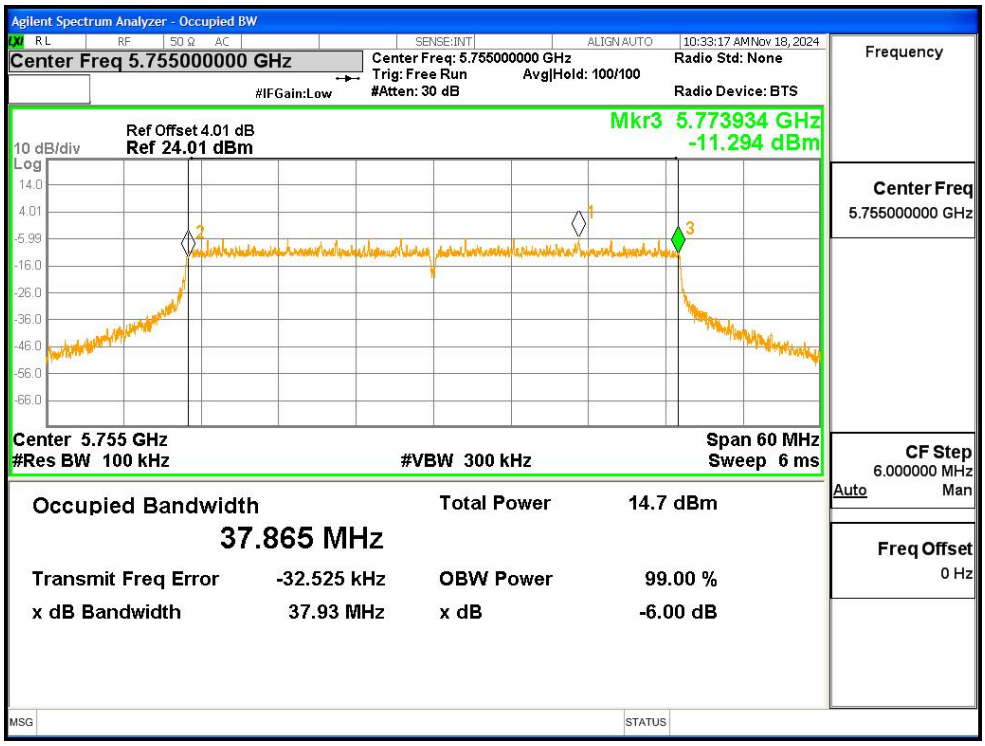
-6dB Bandwidth NVNT ax20 5785MHz Ant1

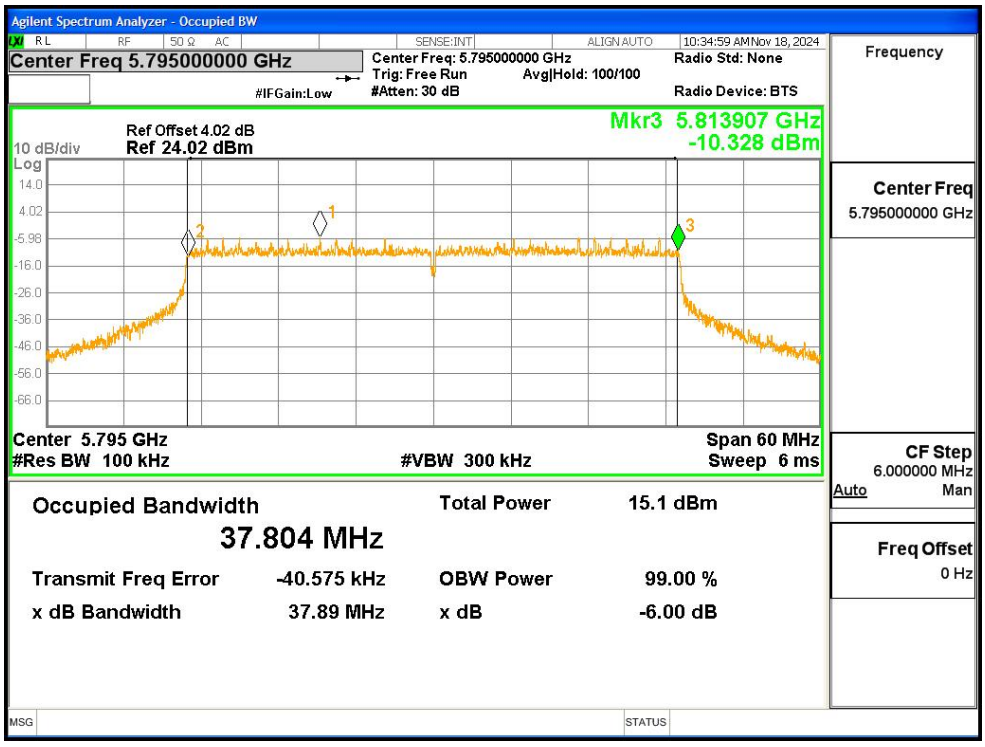



-6dB Bandwidth NVNT ax20 5825MHz Ant1



-6dB Bandwidth NVNT ax40 5755MHz Ant1




-6dB Bandwidth NVNT ax40 5795MHz Ant1