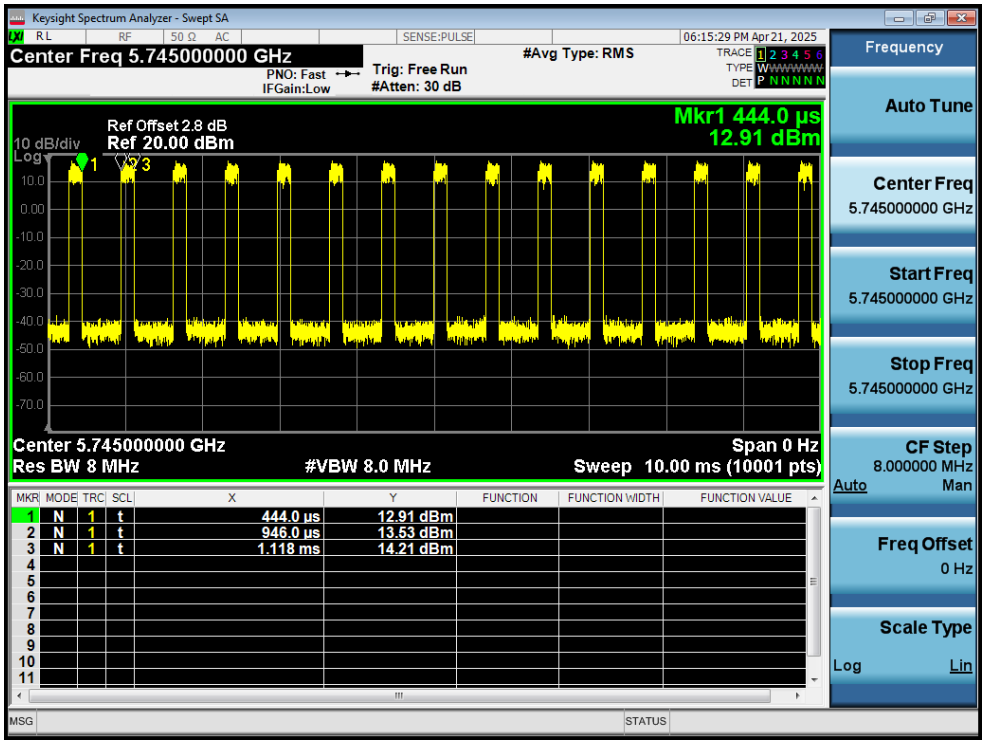
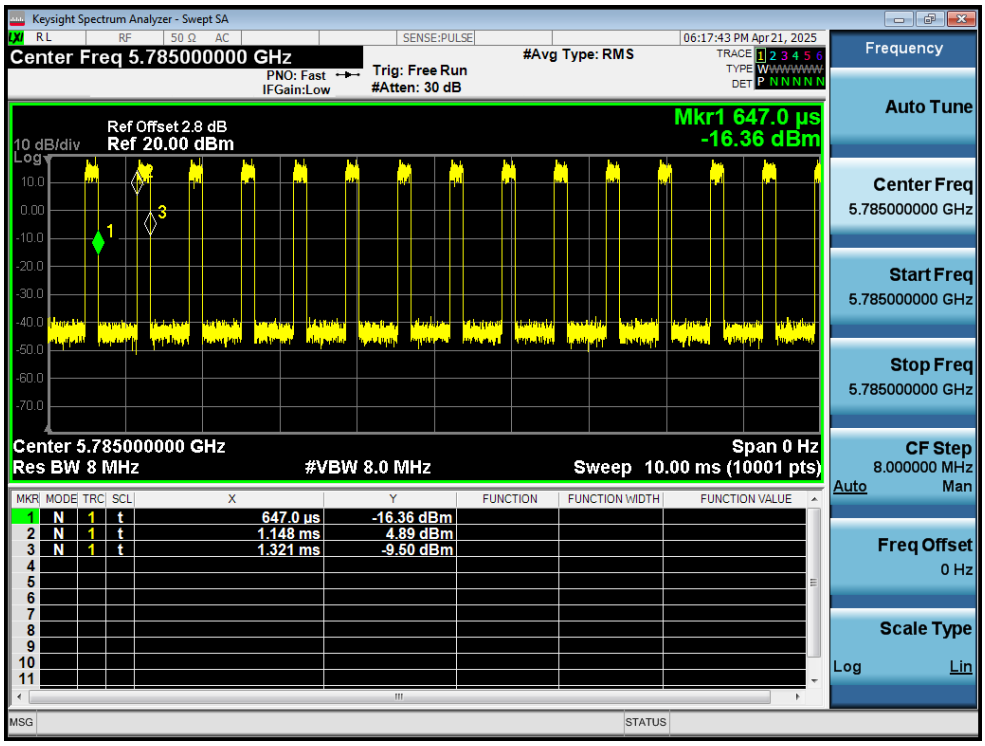
Test Data Appendix of Test Report

1. Duty Cycle

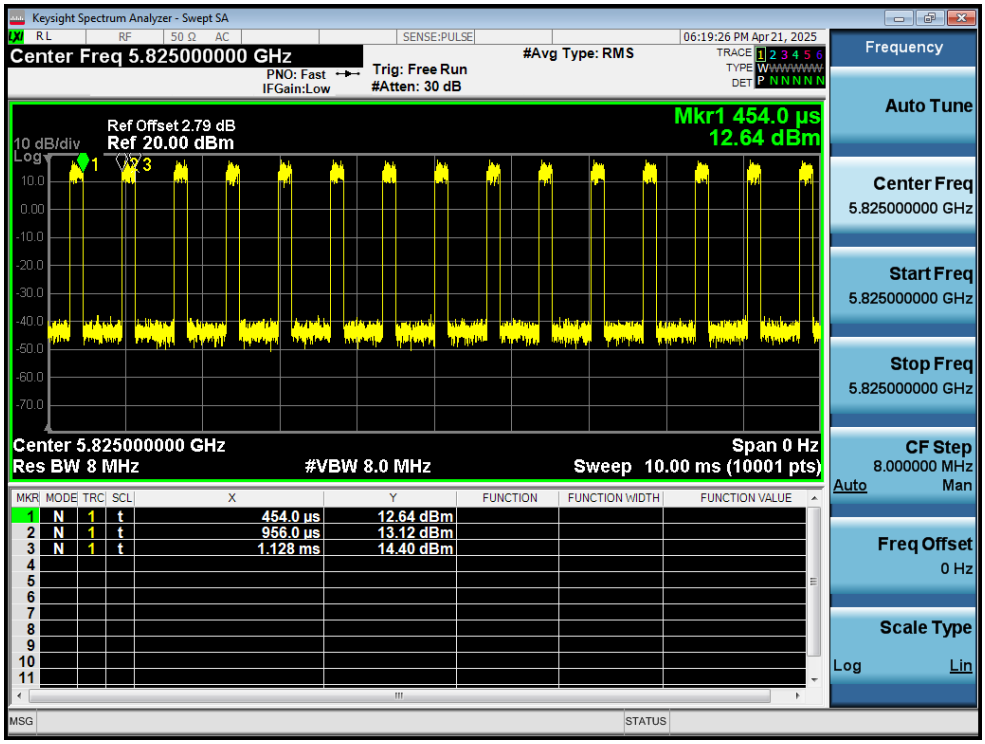
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	25.52	5.93	5.81
NVNT	a	5785	Ant1	25.67	5.91	5.78
NVNT	a	5825	Ant1	25.52	5.93	5.81
NVNT	n20	5745	Ant1	24.17	6.17	6.25
NVNT	n20	5785	Ant1	24.17	6.17	6.25
NVNT	n20	5825	Ant1	24.32	6.14	6.21



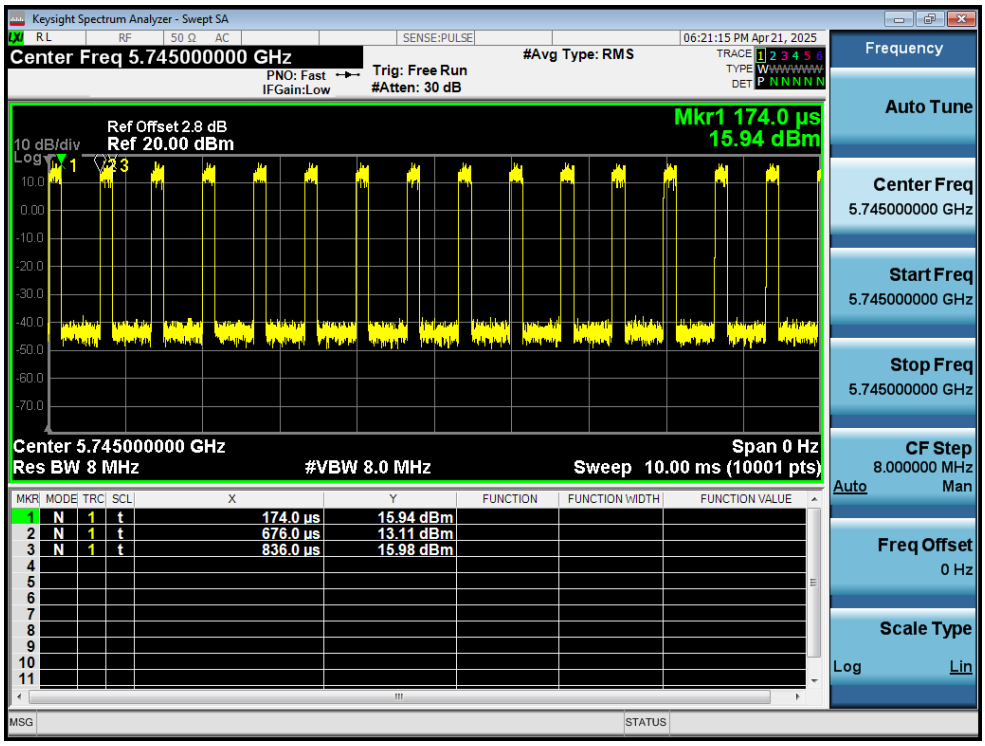
Duty Cycle NVNT a 5745MHz Ant1



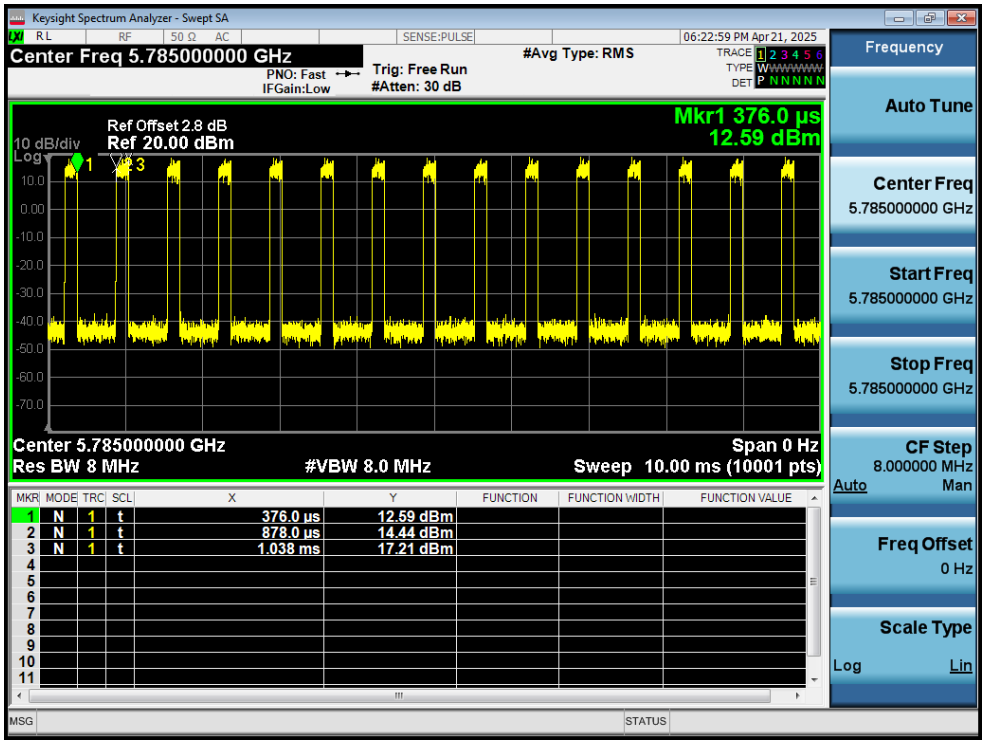
Duty Cycle NVNT a 5785MHz Ant1



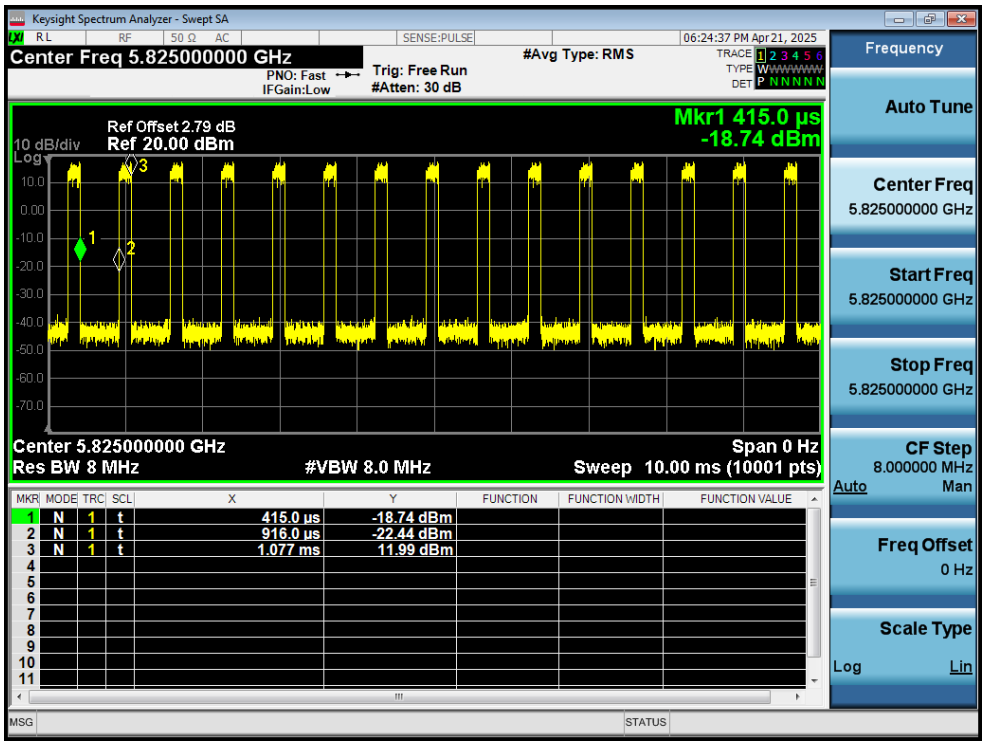
Duty Cycle NVNT a 5825MHz Ant1



Duty Cycle NVNT n20 5745MHz Ant1



Duty Cycle NVNT n20 5785MHz Ant1



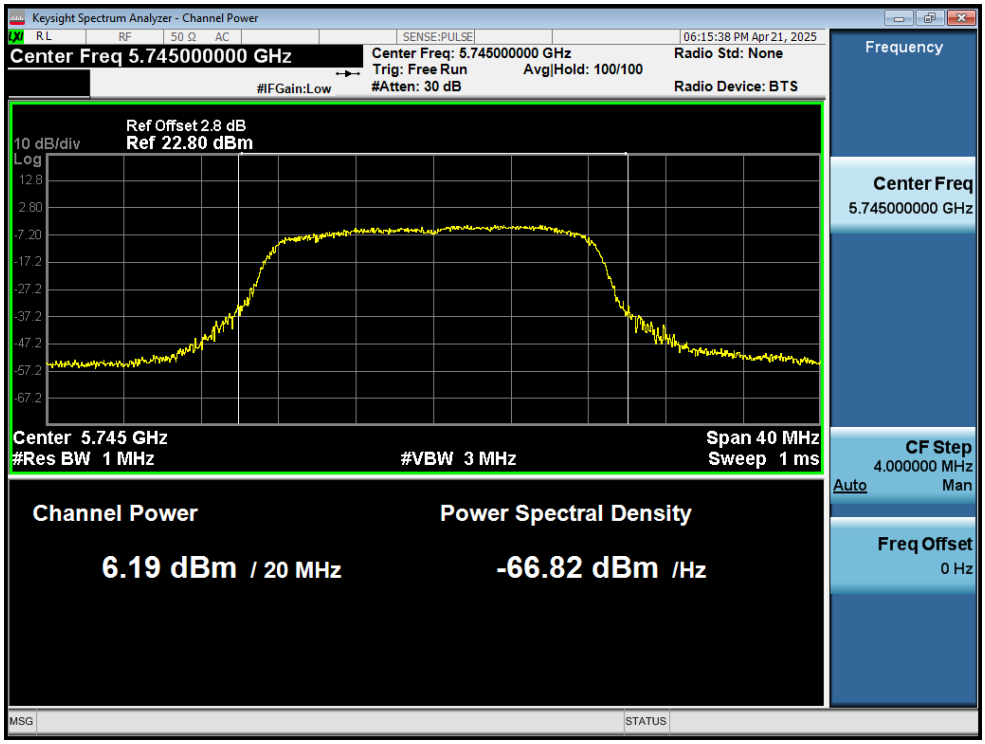
Duty Cycle NVNT n20 5825MHz Ant1

2. Maximum Conducted Output Power

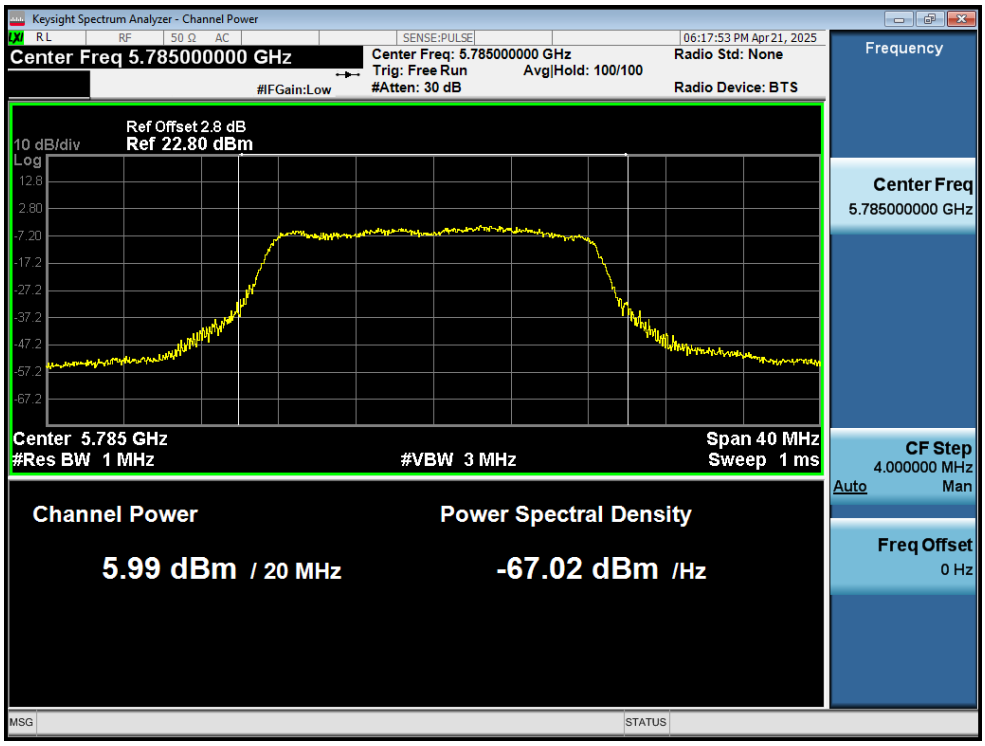
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	6.19	5.93	12.12	28.53	Pass
NVNT	a	5785	Ant1	5.99	5.91	11.9	28.53	Pass
NVNT	a	5825	Ant1	5.6	5.93	11.53	28.53	Pass
NVNT	n20	5745	Ant1	5.44	6.17	11.61	28.53	Pass
NVNT	n20	5785	Ant1	7.02	6.17	13.19	28.53	Pass
NVNT	n20	5825	Ant1	6.28	6.14	12.42	28.53	Pass

Note 1: Total power=Conducted power + Duty factor

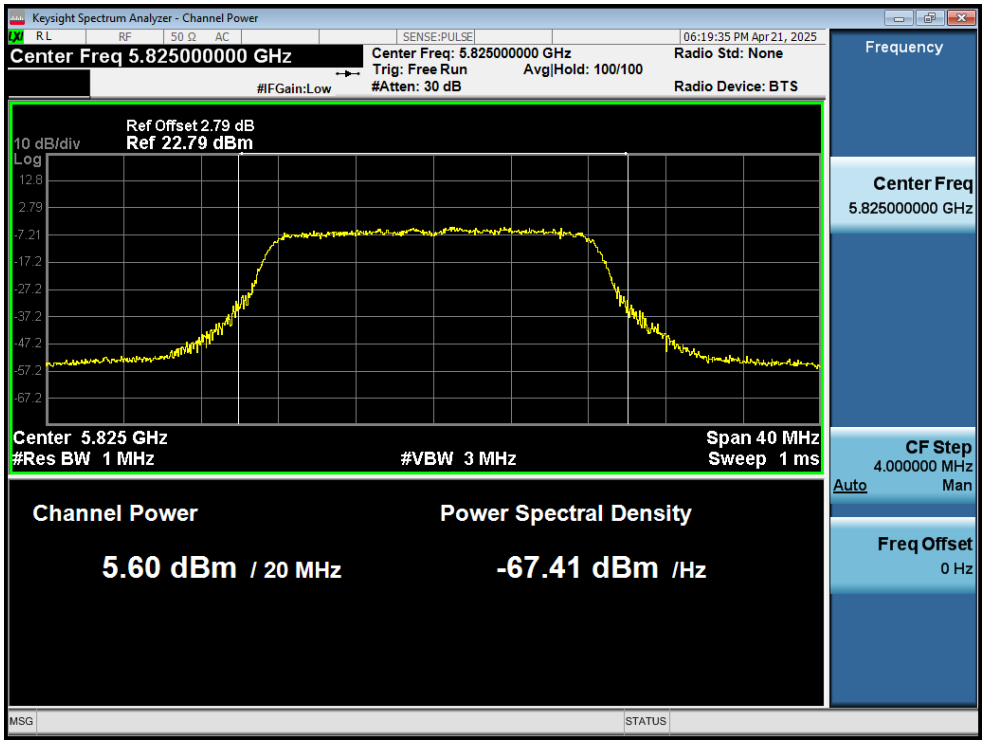
Note 2: Limit=30-(7.47-6)



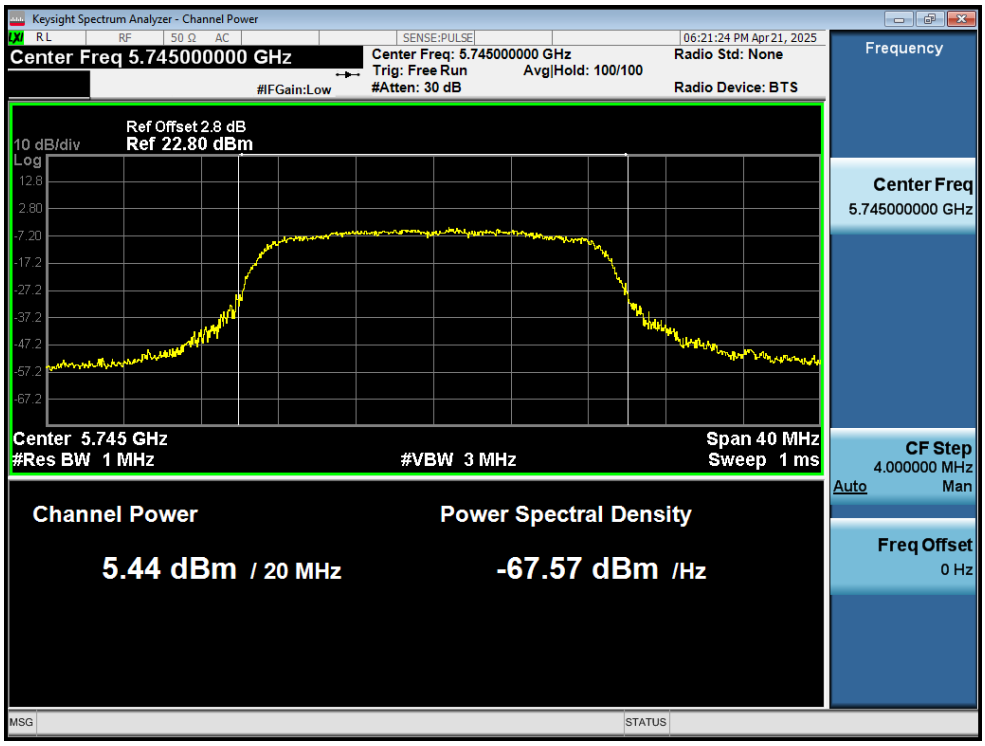
Power NVNT a 5745MHz Ant1



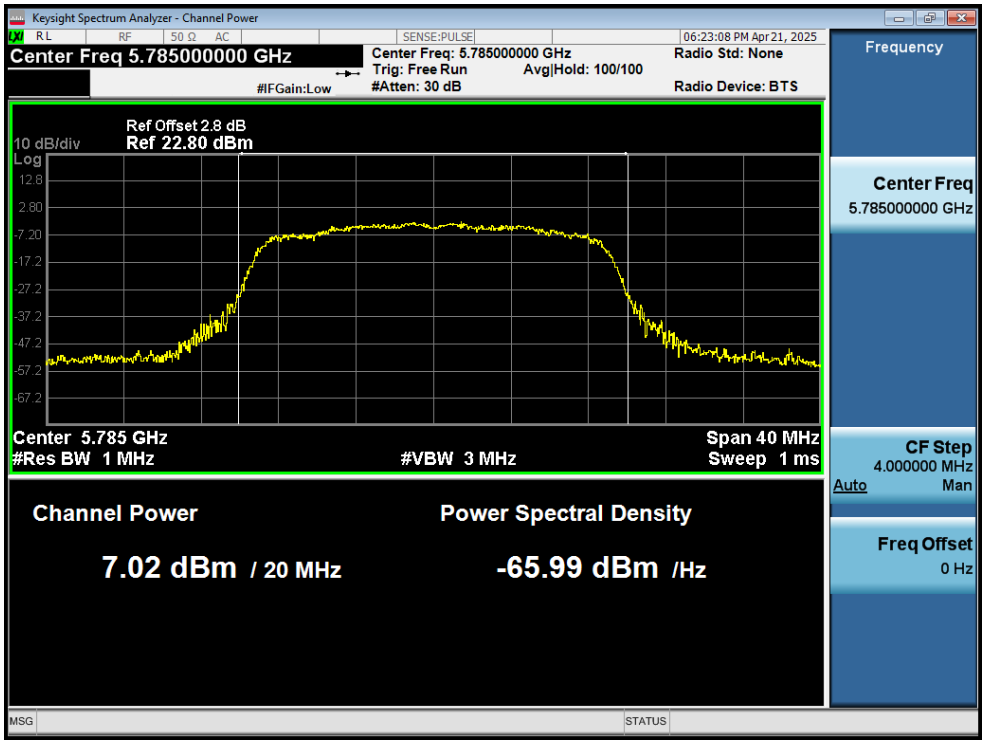
Power NVNT a 5785MHz Ant1



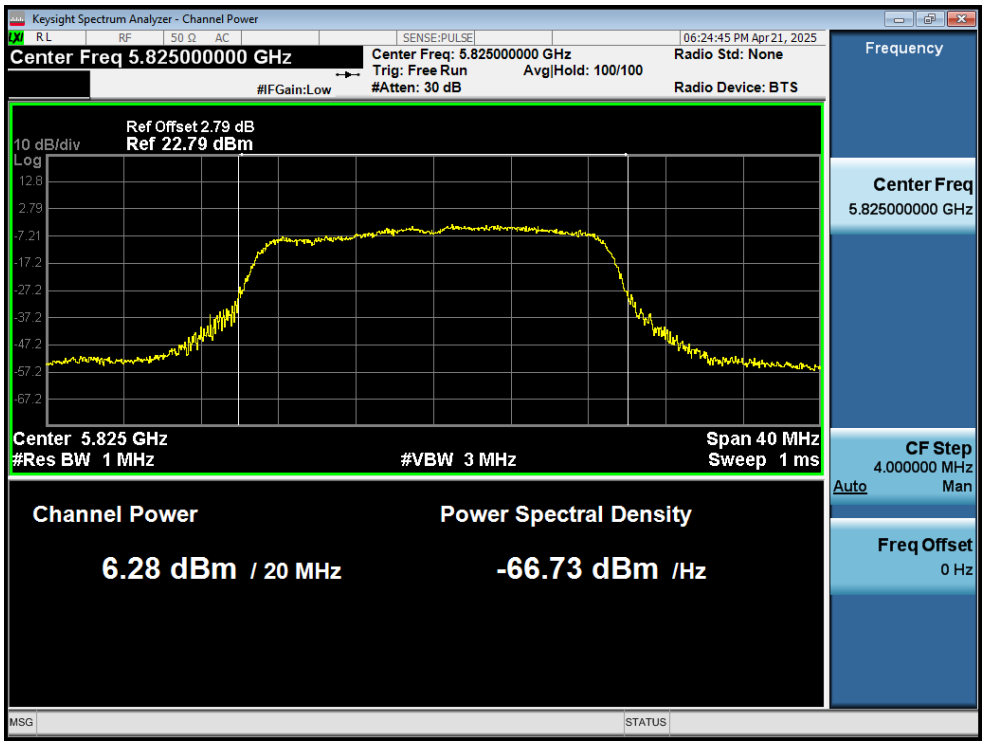
Power NVNT a 5825MHz Ant1



Power NVNT n20 5745MHz Ant1



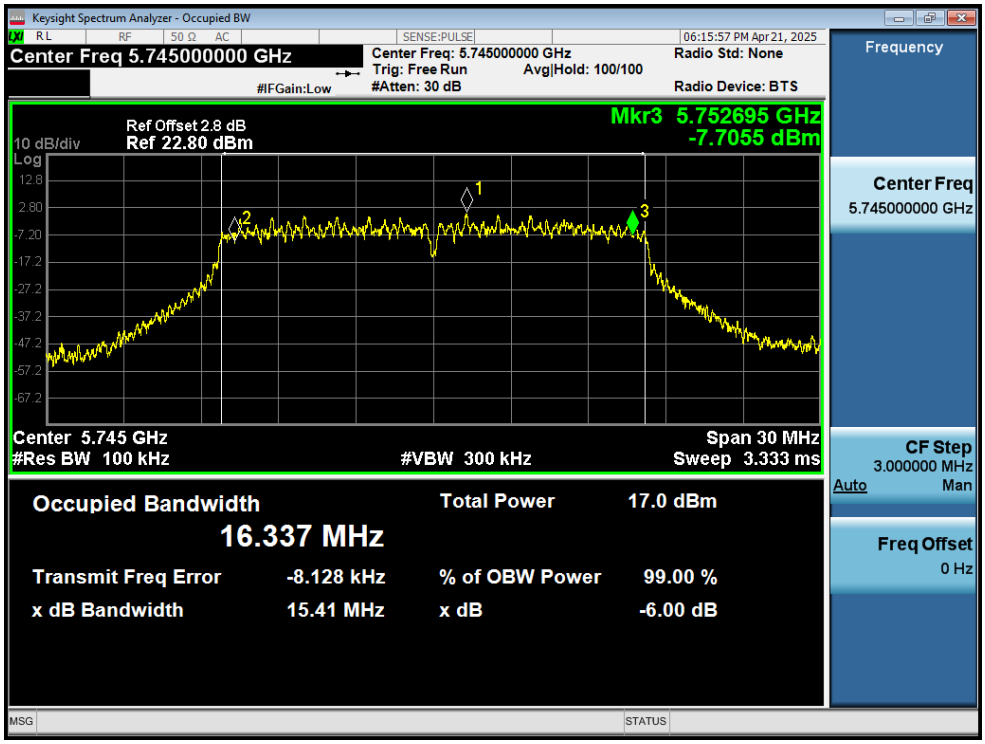
Power NVNT n20 5785MHz Ant1



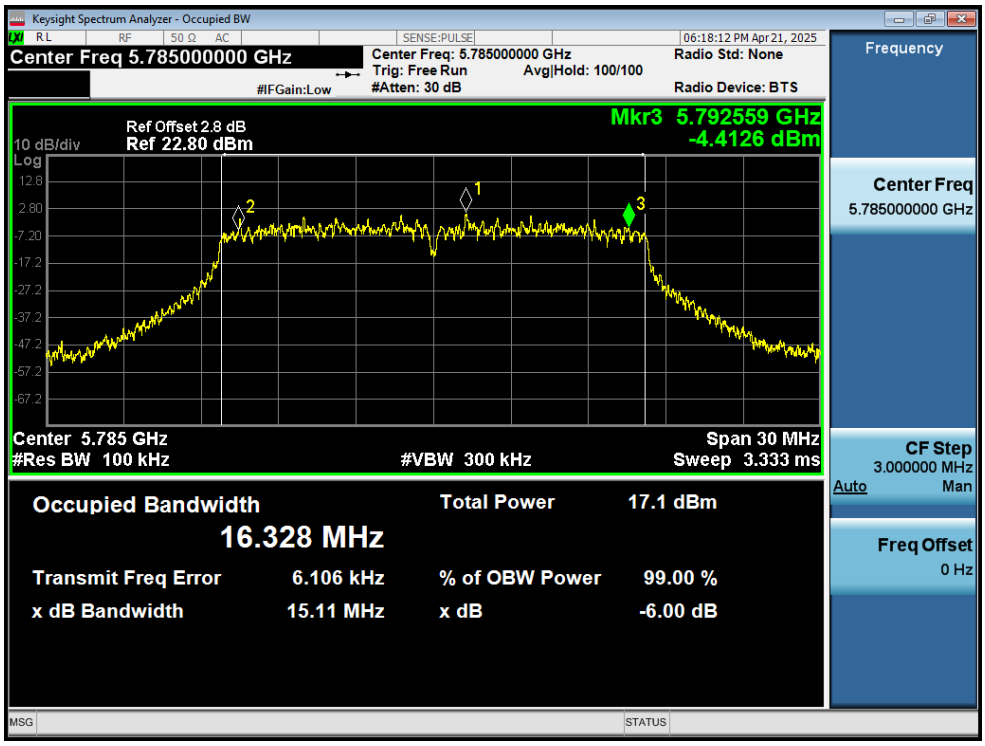
Power NVNT n20 5825MHz Ant1

3. -6dB Bandwidth

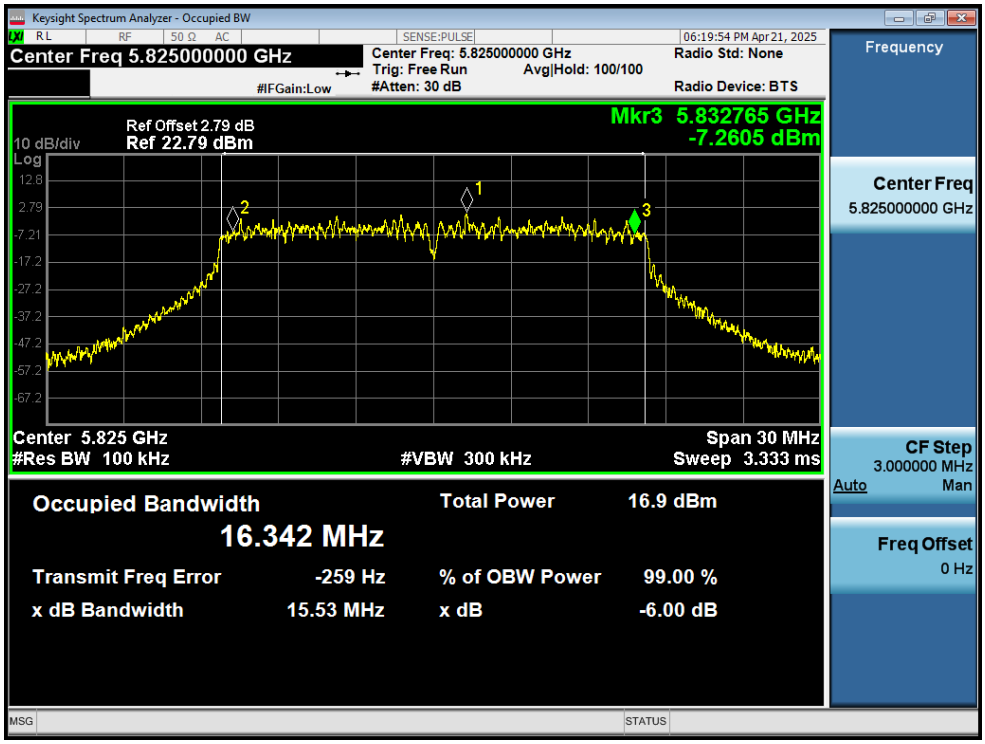
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.41	0.5	Pass
NVNT	a	5785	Ant1	15.11	0.5	Pass
NVNT	a	5825	Ant1	15.53	0.5	Pass
NVNT	n20	5745	Ant1	16.92	0.5	Pass
NVNT	n20	5785	Ant1	16.93	0.5	Pass
NVNT	n20	5825	Ant1	17.06	0.5	Pass



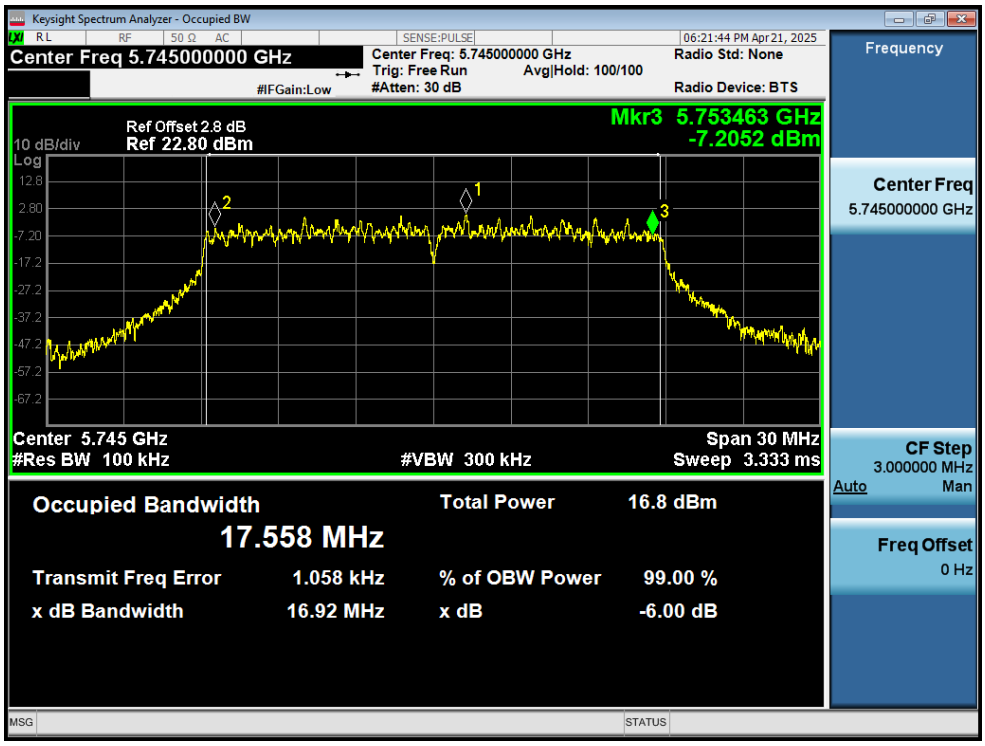
-6dB Bandwidth NVNT a 5745MHz Ant1



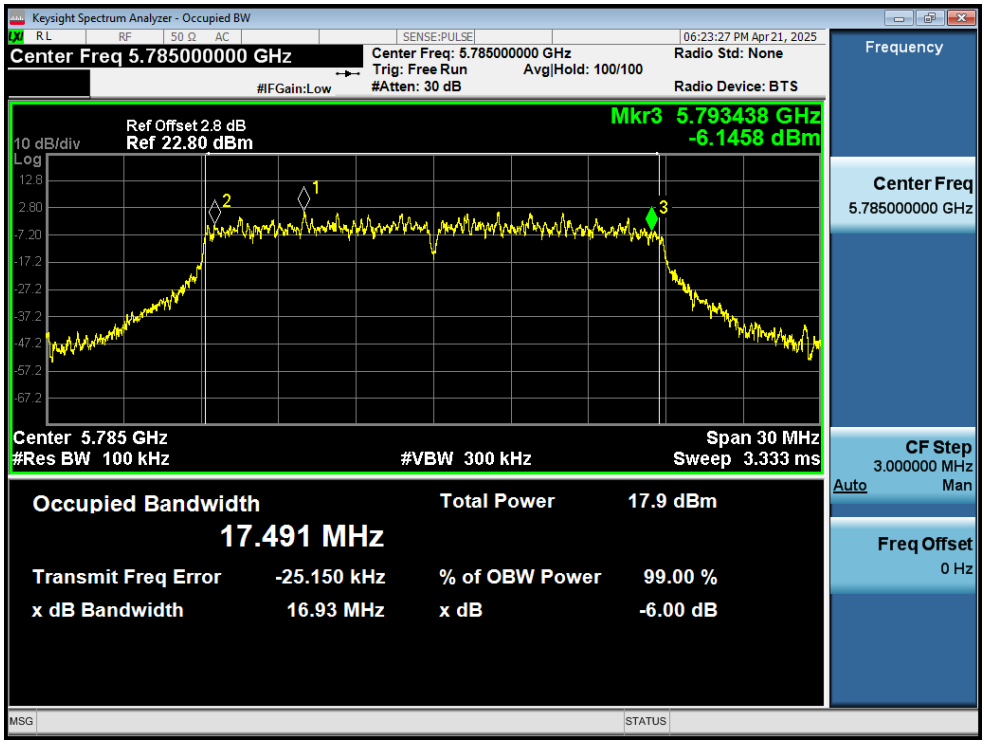
-6dB Bandwidth NVNT a 5785MHz Ant1



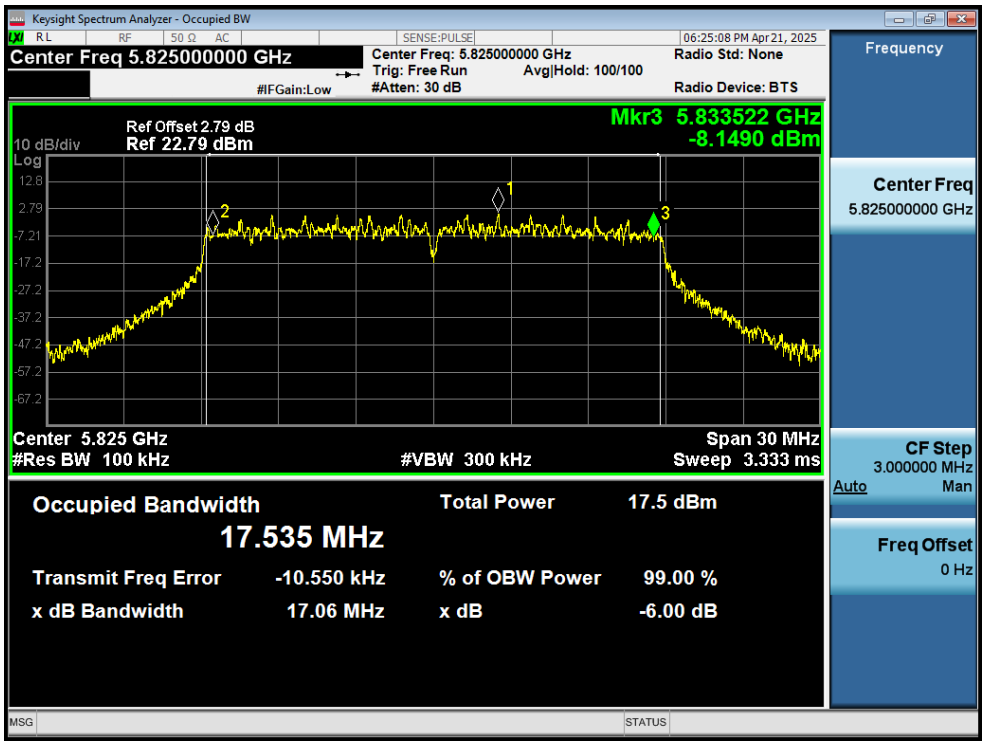
-6dB Bandwidth NVNT a 5825MHz Ant1



-6dB Bandwidth NVNT n20 5745MHz Ant1



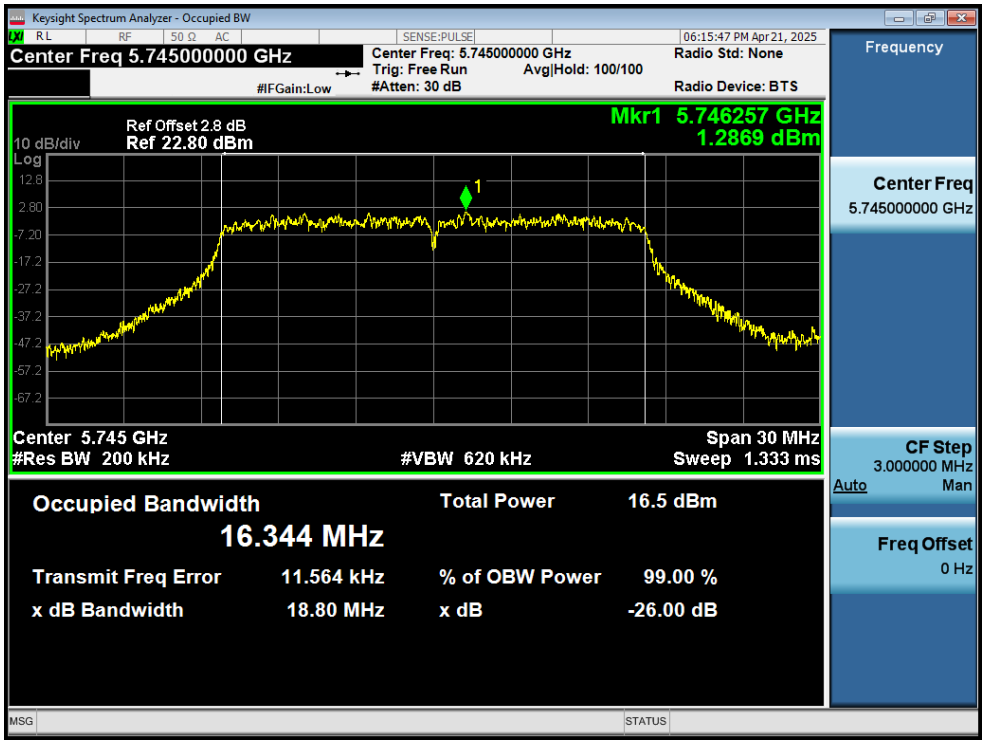
-6dB Bandwidth NVNT n20 5785MHz Ant1



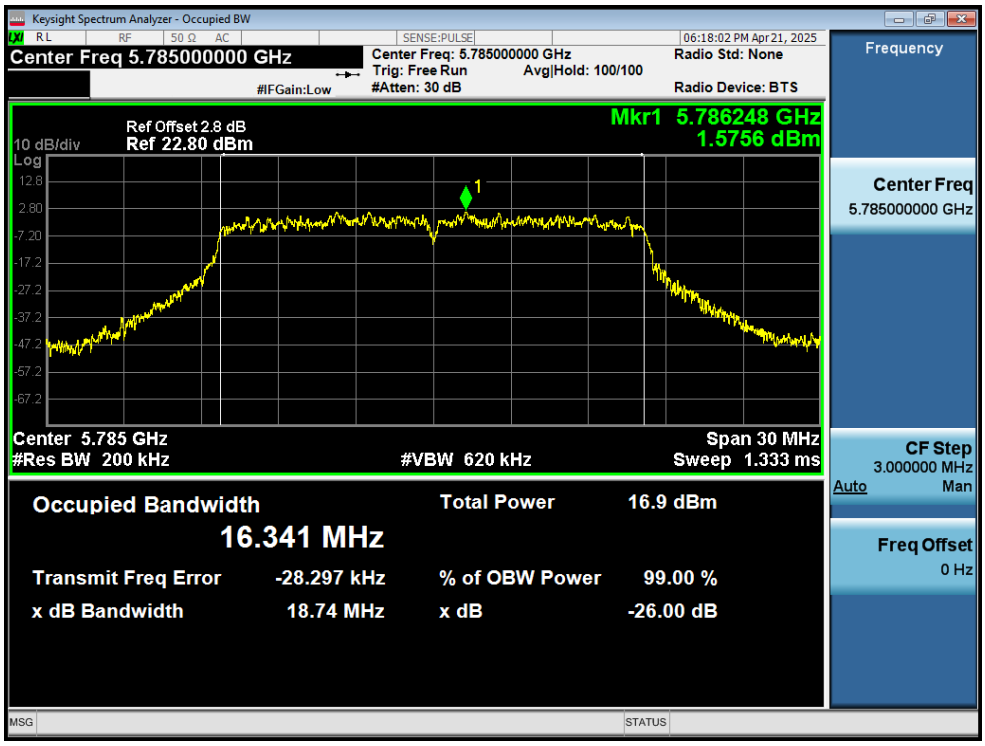
-6dB Bandwidth NVNT n20 5825MHz Ant1

4. Occupied Channel Bandwidth

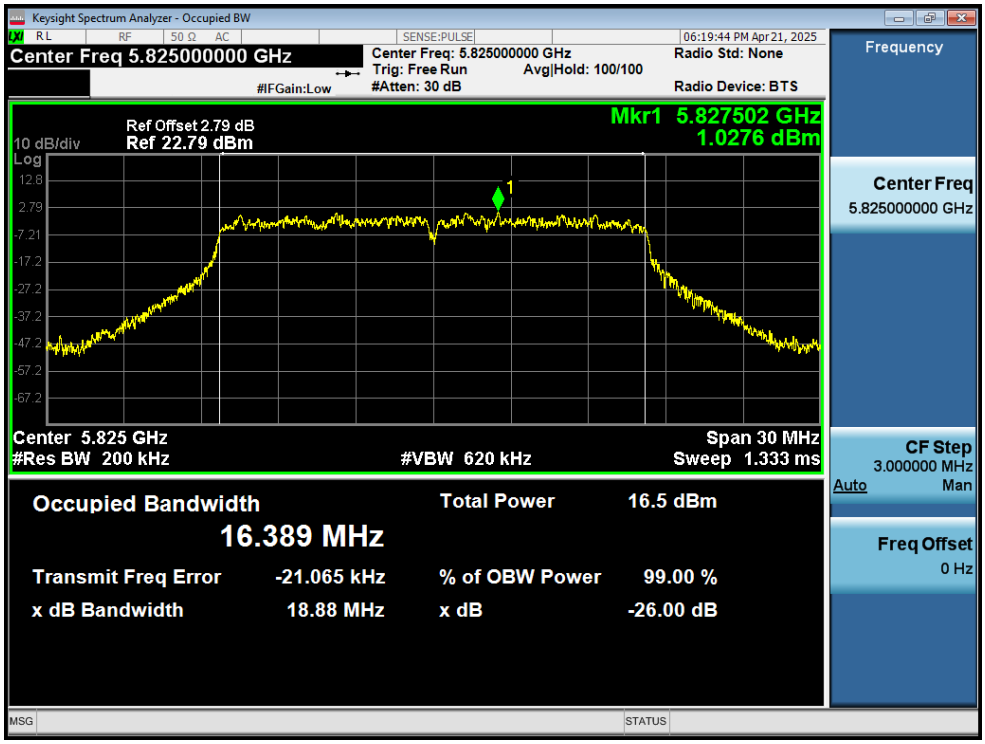
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.344
NVNT	a	5785	Ant1	16.341
NVNT	a	5825	Ant1	16.389
NVNT	n20	5745	Ant1	17.568
NVNT	n20	5785	Ant1	17.553
NVNT	n20	5825	Ant1	17.582



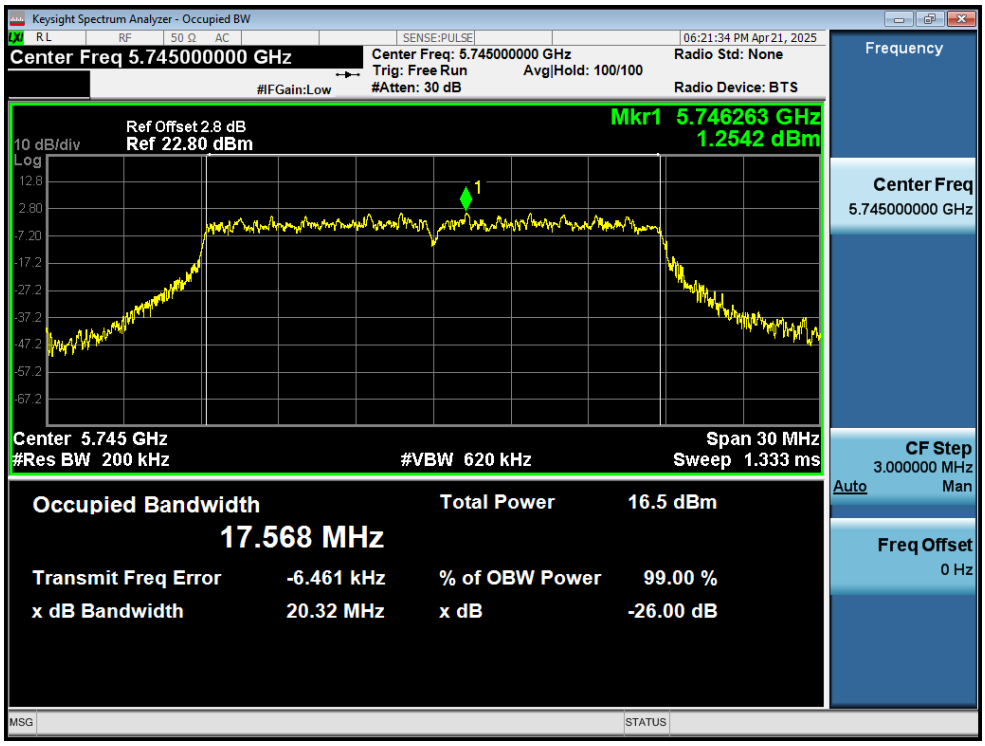
OBW NVNT a 5745MHz Ant1



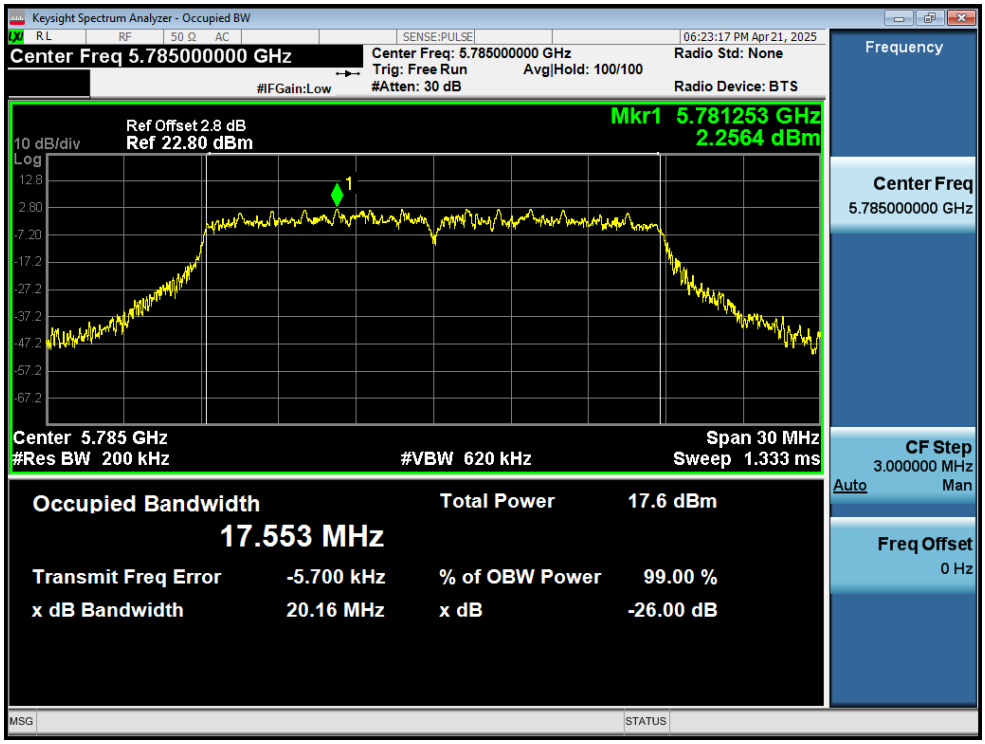
OBW NVNT a 5785MHz Ant1



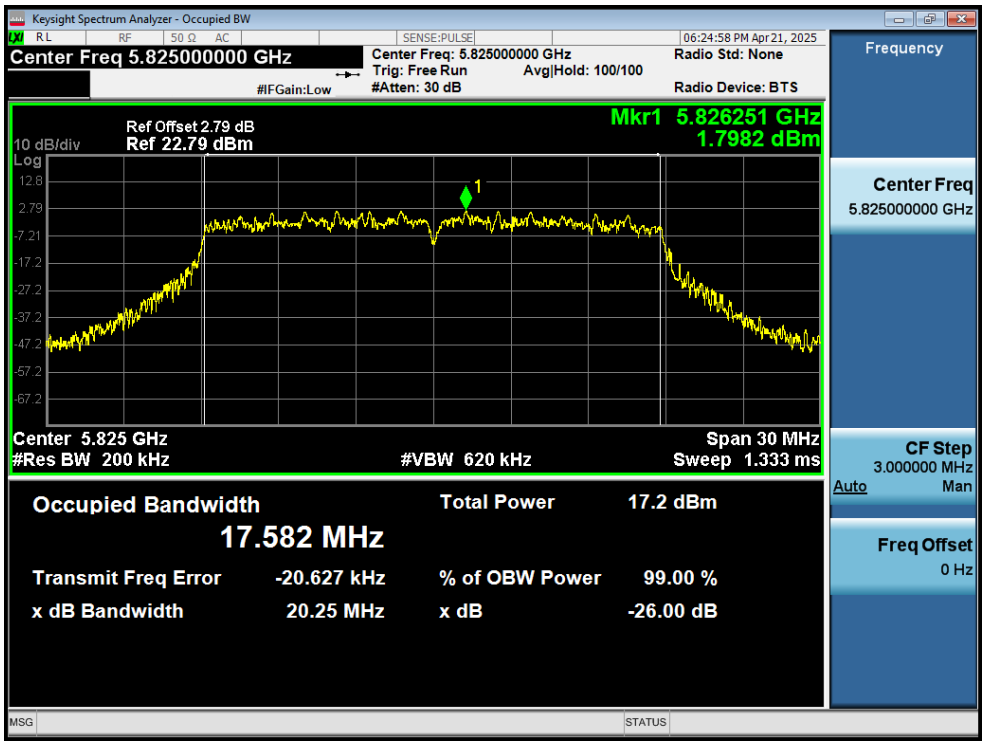
OBW NVNT a 5825MHz Ant1



OBW NVNT n20 5745MHz Ant1



OBW NVNT n20 5785MHz Ant1



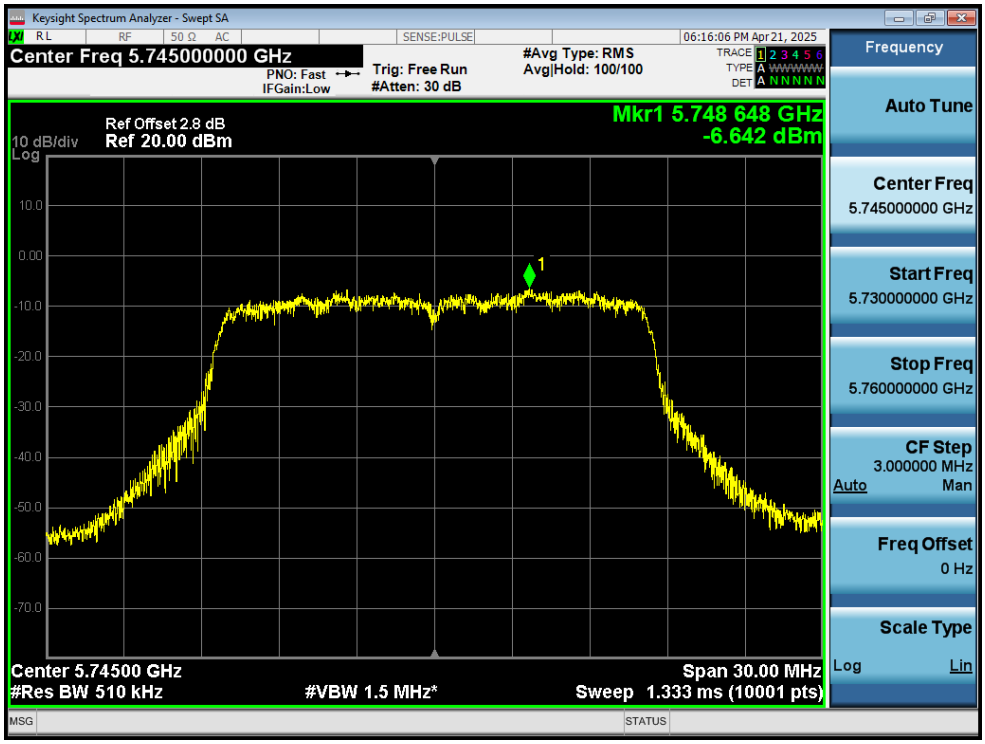
OBW NVNT n20 5825MHz Ant1

5. Maximum Power Spectral Density Level

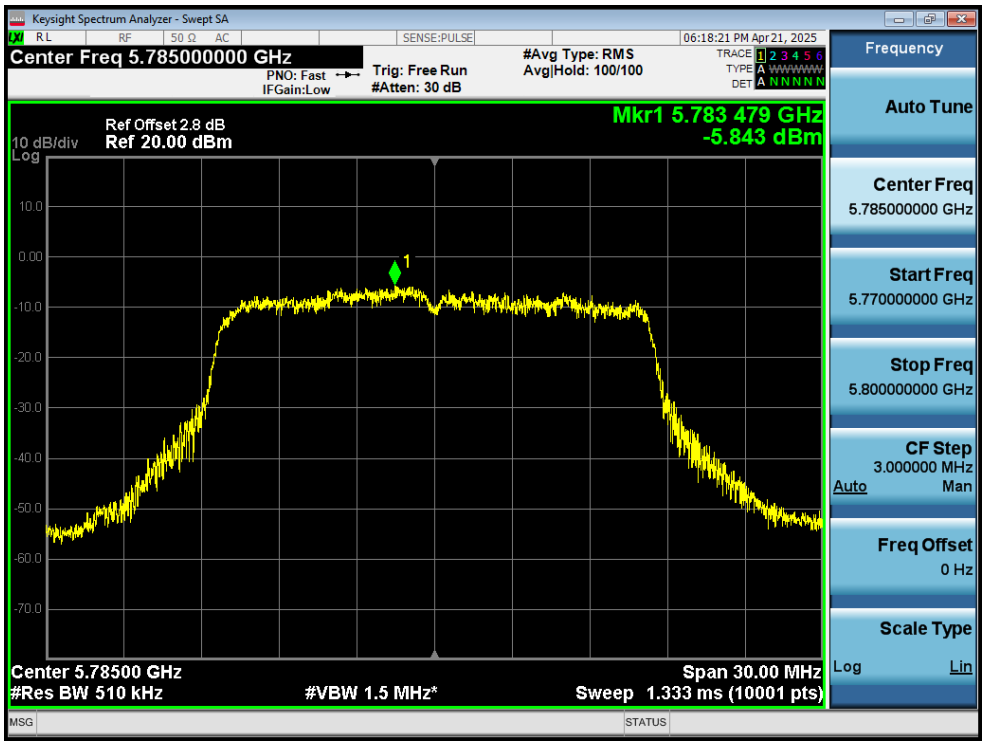
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-6.64	5.93	-0.71	28.53	Pass
NVNT	a	5785	Ant1	-5.84	5.91	0.07	28.53	Pass
NVNT	a	5825	Ant1	-6.05	5.93	-0.12	28.53	Pass
NVNT	n20	5745	Ant1	-6.24	6.17	-0.07	28.53	Pass
NVNT	n20	5785	Ant1	-5.84	6.17	0.33	28.53	Pass
NVNT	n20	5825	Ant1	-5.31	6.14	0.83	28.53	Pass

Note 1: Total PSD=Conducted PSD + Duty factor

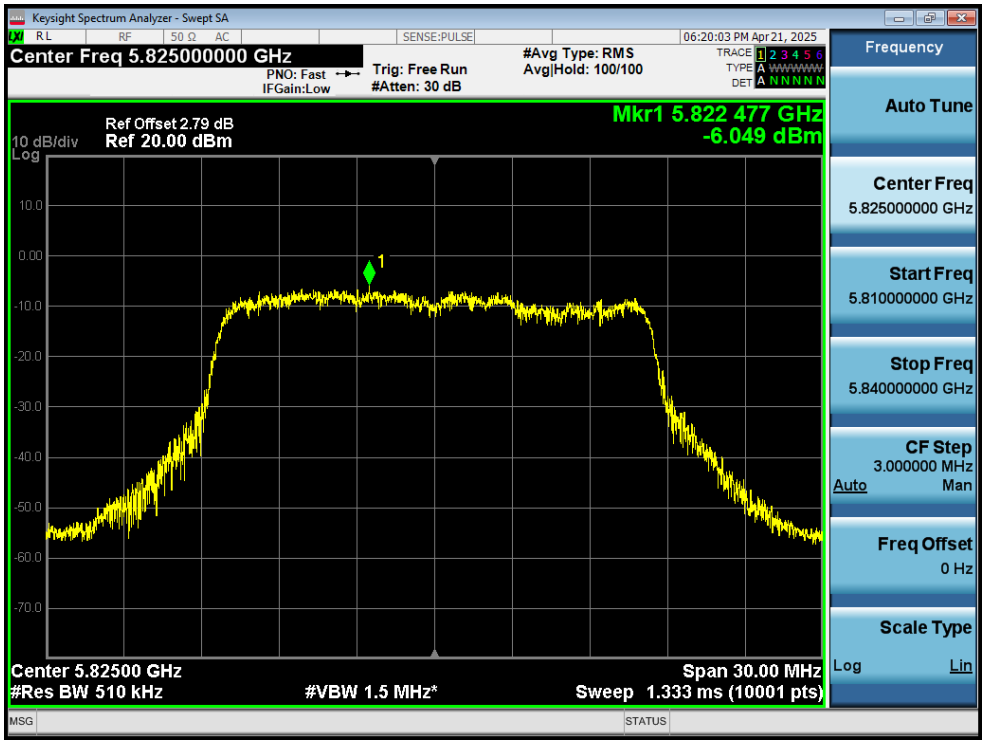
Note 2: Limit =30-(7.47-6)



PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1

PSD NVNT n20 5745MHz Ant1

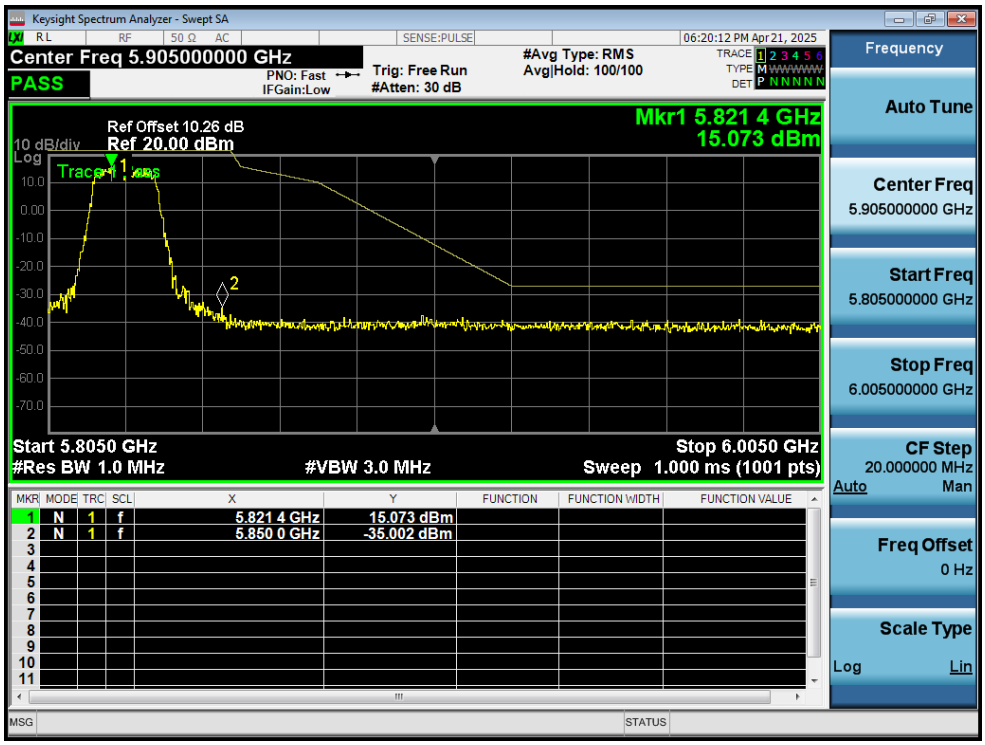
PSD NVNT n20 5785MHz Ant1

PSD NVNT n20 5825MHz Ant1

6. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-32.31	Pass
NVNT	a	5825	Ant1	-35	Pass
NVNT	n20	5745	Ant1	-26.7	Pass
NVNT	n20	5825	Ant1	-33.87	Pass

Band Edge NVNT a 5745MHz Low Ant1



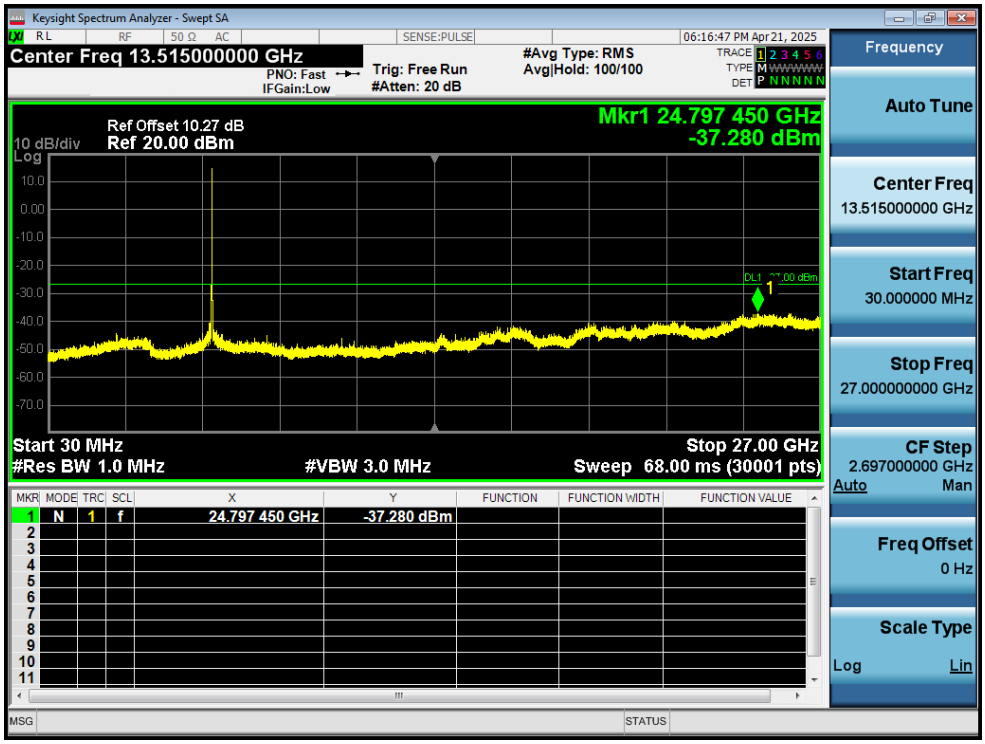
Band Edge NVNT a 5825MHz High Ant1

Band Edge NVNT n20 5745MHz Low Ant1

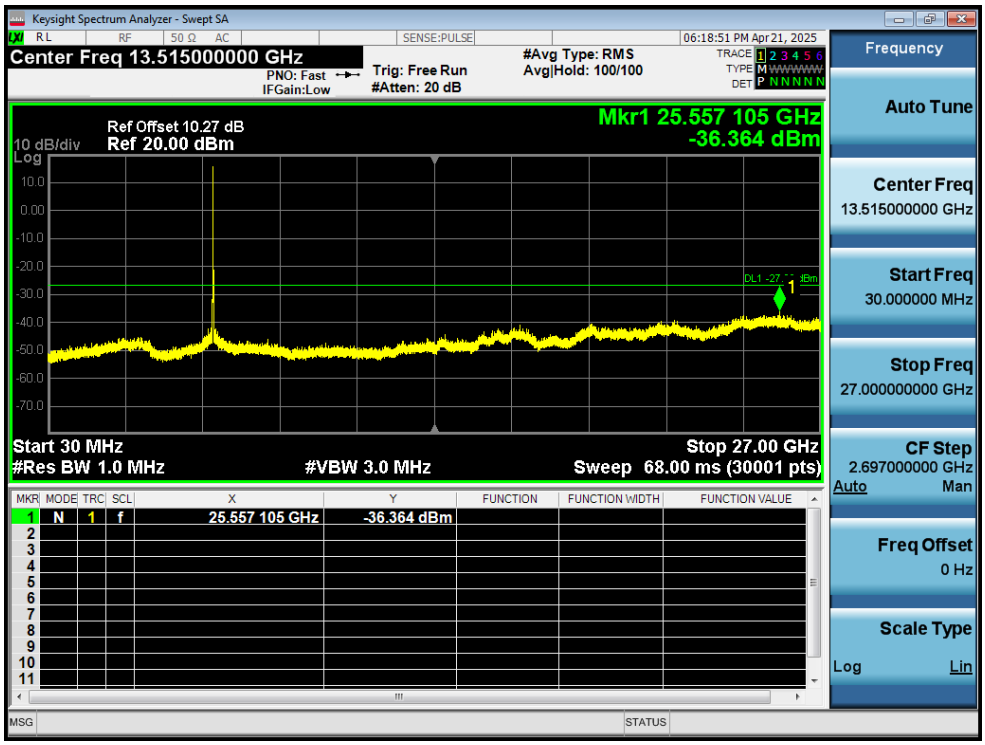
Band Edge NVNT n20 5825MHz High Ant1

7. Conducted RF Spurious Emission

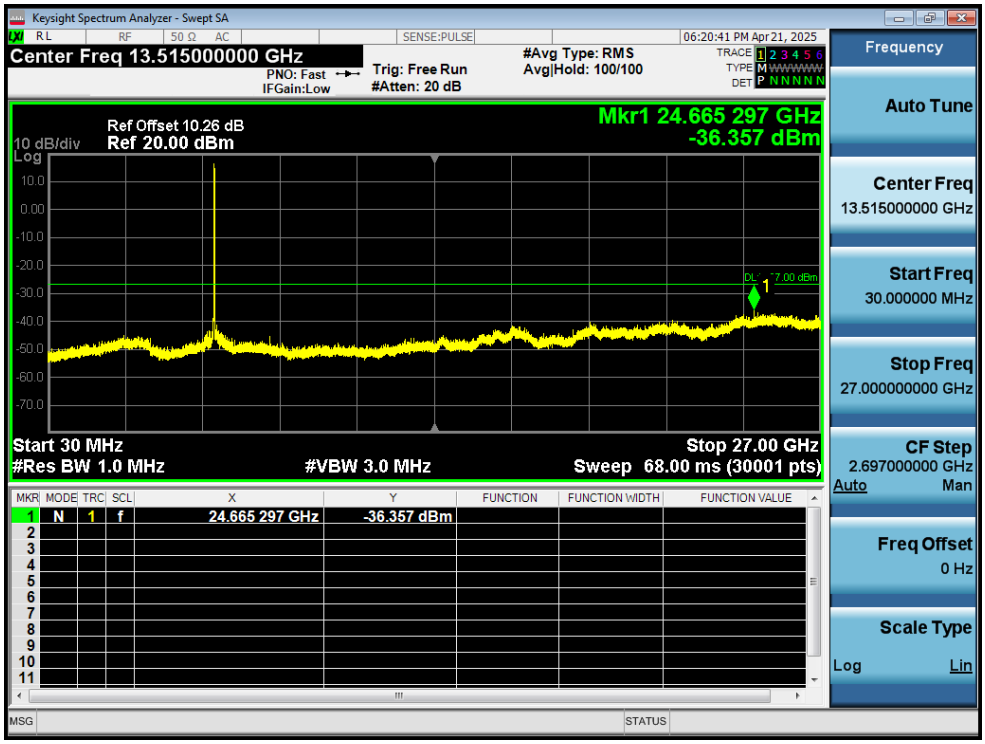
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-37.27	-27	Pass
NVNT	a	5785	Ant1	-36.36	-27	Pass
NVNT	a	5825	Ant1	-36.35	-27	Pass
NVNT	n20	5745	Ant1	-36.84	-27	Pass
NVNT	n20	5785	Ant1	-36.67	-27	Pass
NVNT	n20	5825	Ant1	-36.82	-27	Pass



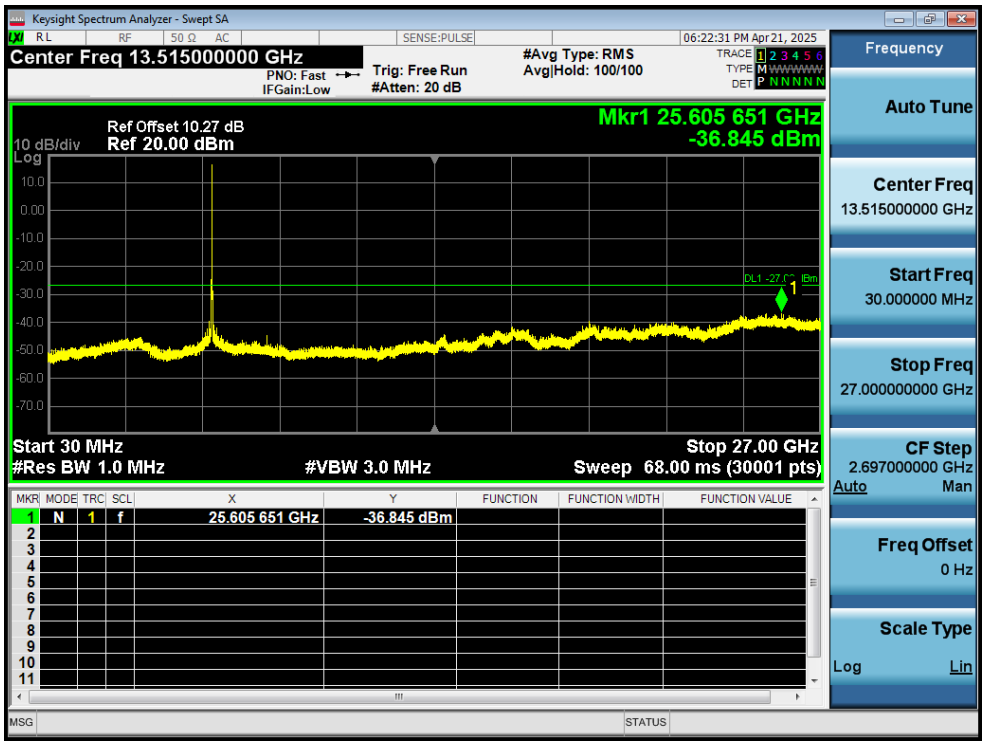
Tx. Spurious NVNT a 5745MHz Ant1 Emission



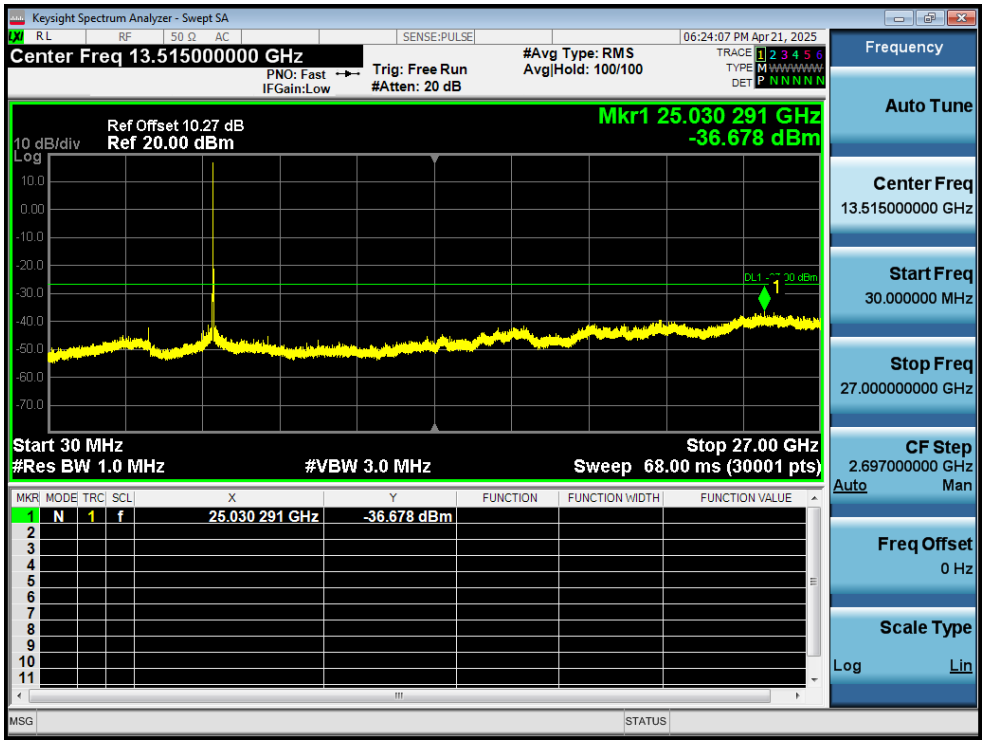
Tx. Spurious NVNT a 5785MHz Ant1 Emission



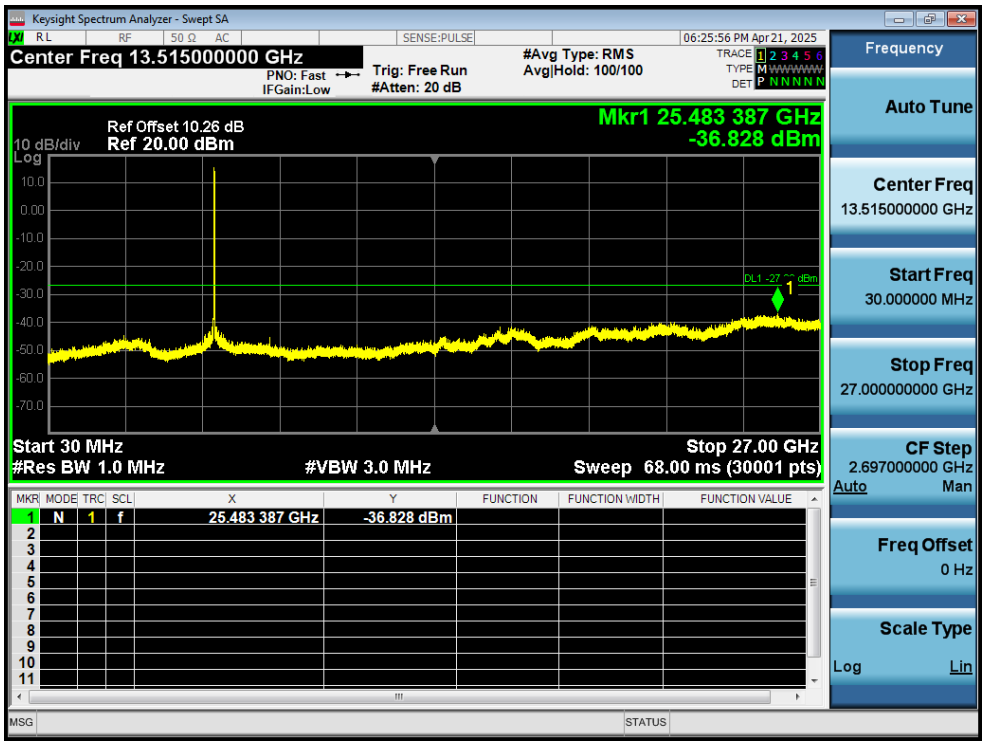
Tx. Spurious NVNT a 5825MHz Ant1 Emission



Tx. Spurious NVNT n20 5745MHz Ant1 Emission



Tx. Spurious NVNT n20 5785MHz Ant1 Emission



Tx. Spurious NVNT n20 5825MHz Ant1 Emission