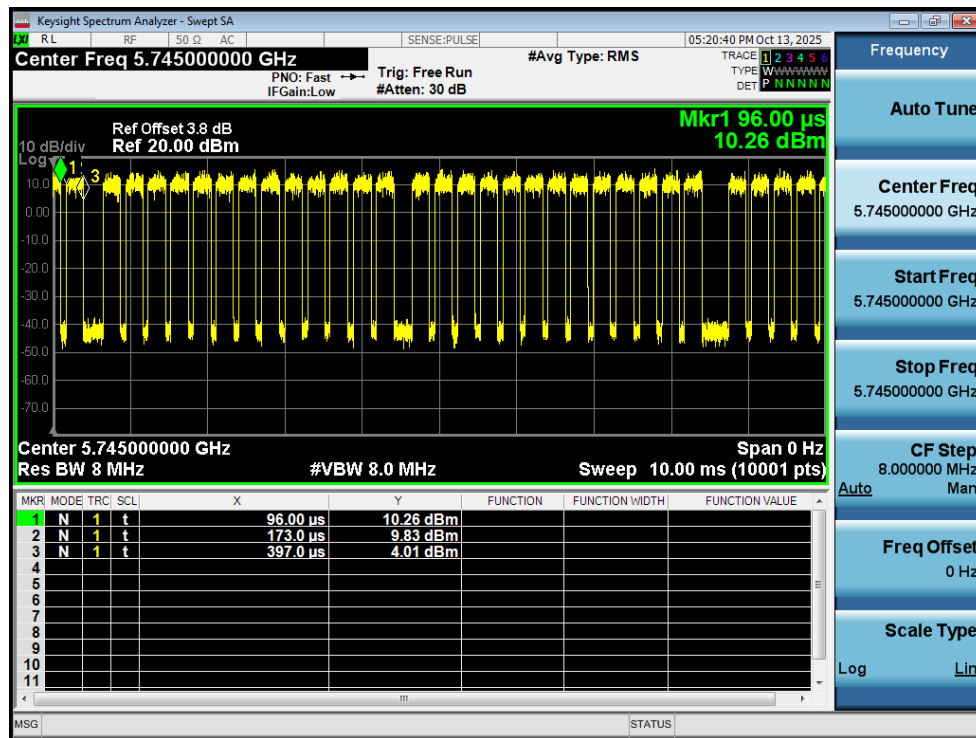


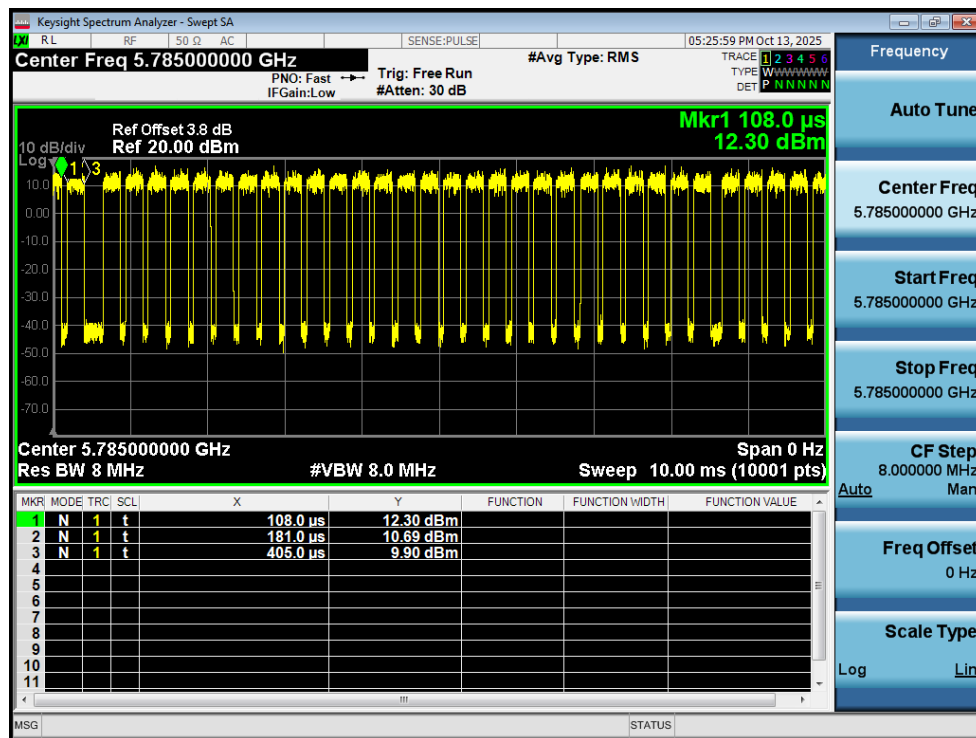
Test Data Appendix of Test Report

1. Duty Cycle

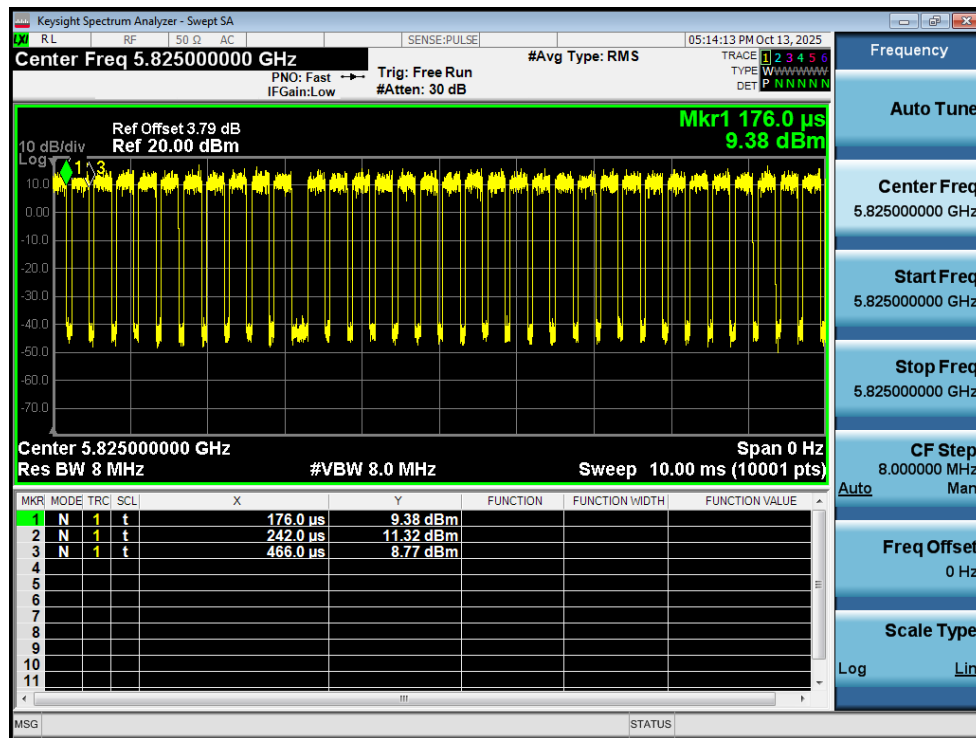
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	OFDM	5745	Ant1	74.42	1.28	4.46
NVNT	OFDM	5785	Ant1	75.42	1.23	4.46
NVNT	OFDM	5825	Ant1	77.24	1.12	4.46
NVNT	OFDM	5745	Ant2	76.71	1.15	4.46
NVNT	OFDM	5785	Ant2	58.44	2.33	4.44
NVNT	OFDM	5825	Ant2	77.59	1.1	4.44



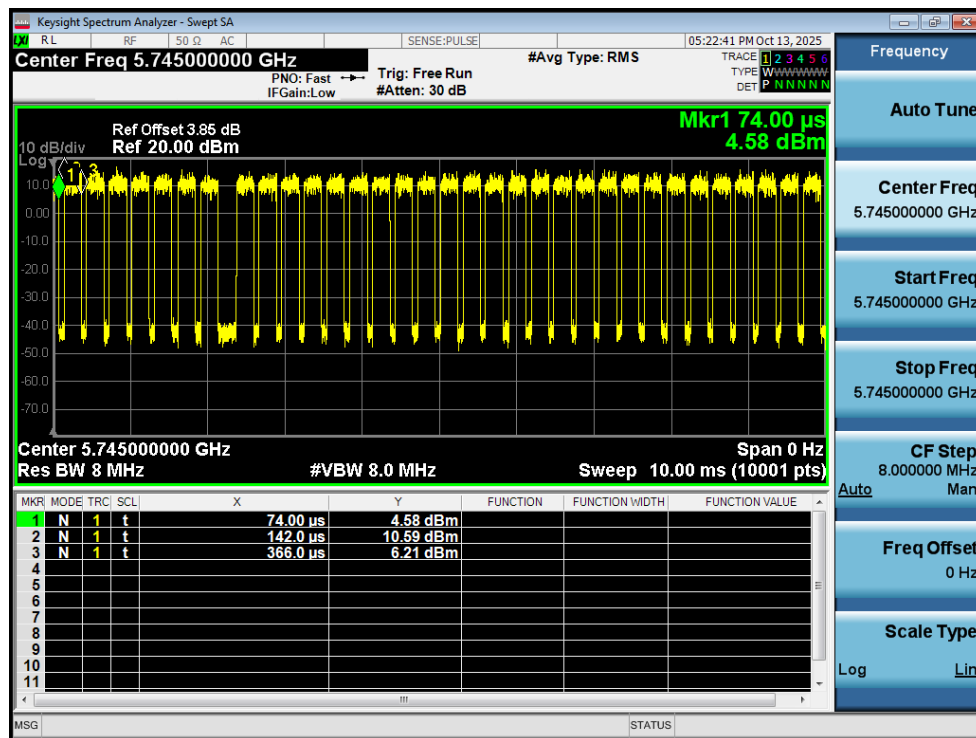
Duty Cycle NVNT n20 5745MHz Ant1



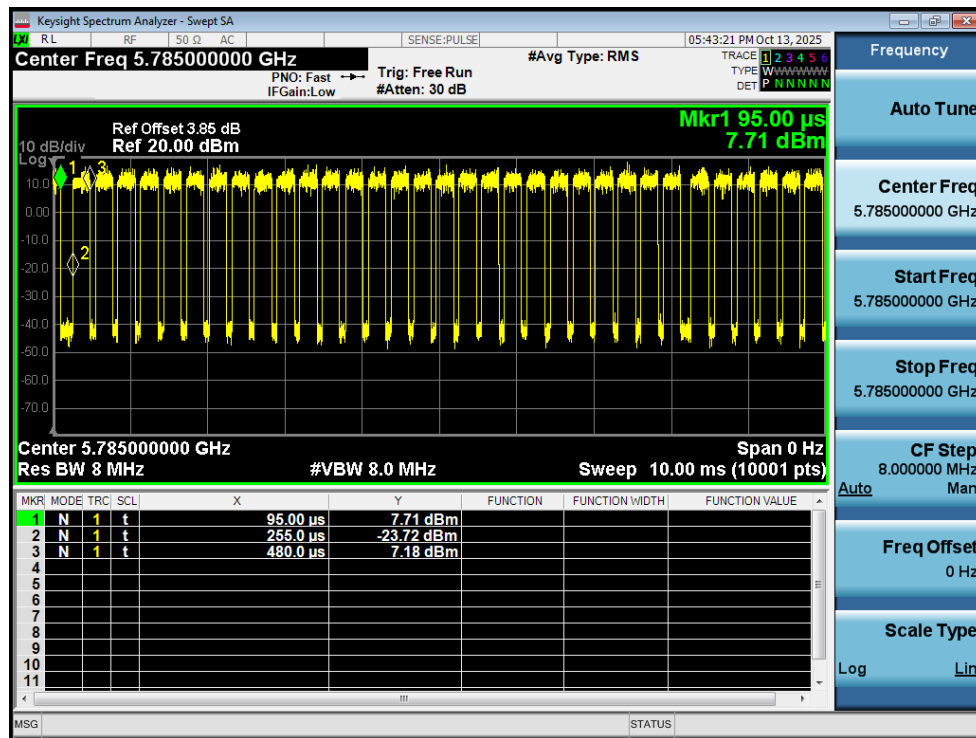
Duty Cycle NVNT n20 5785MHz Ant1



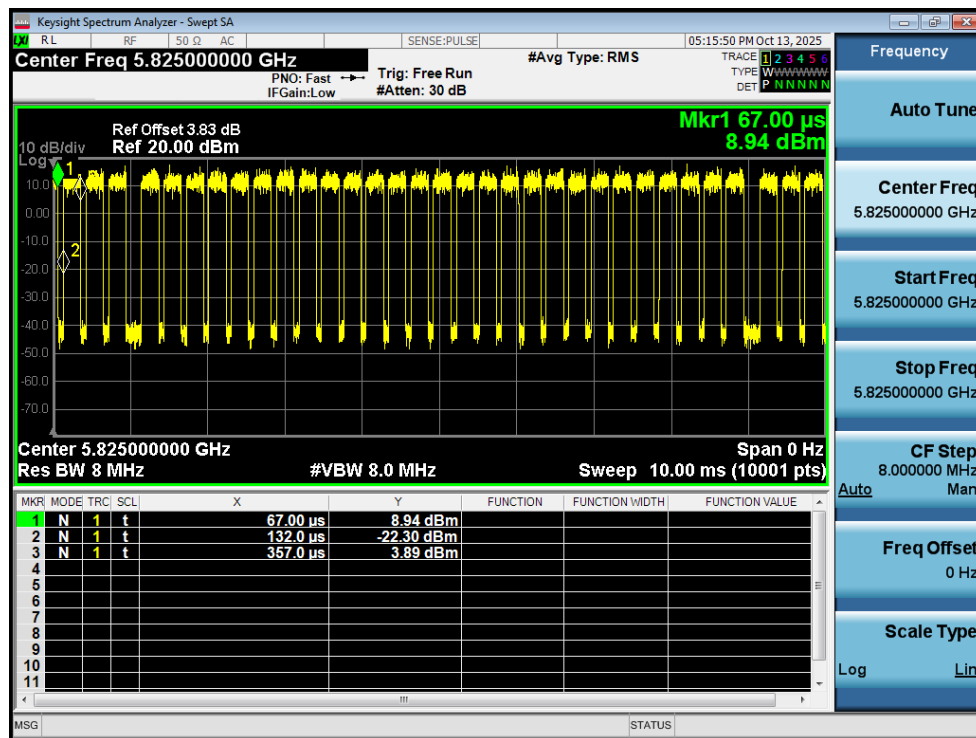
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n20 5745MHz Ant2



Duty Cycle NVNT n20 5785MHz Ant2



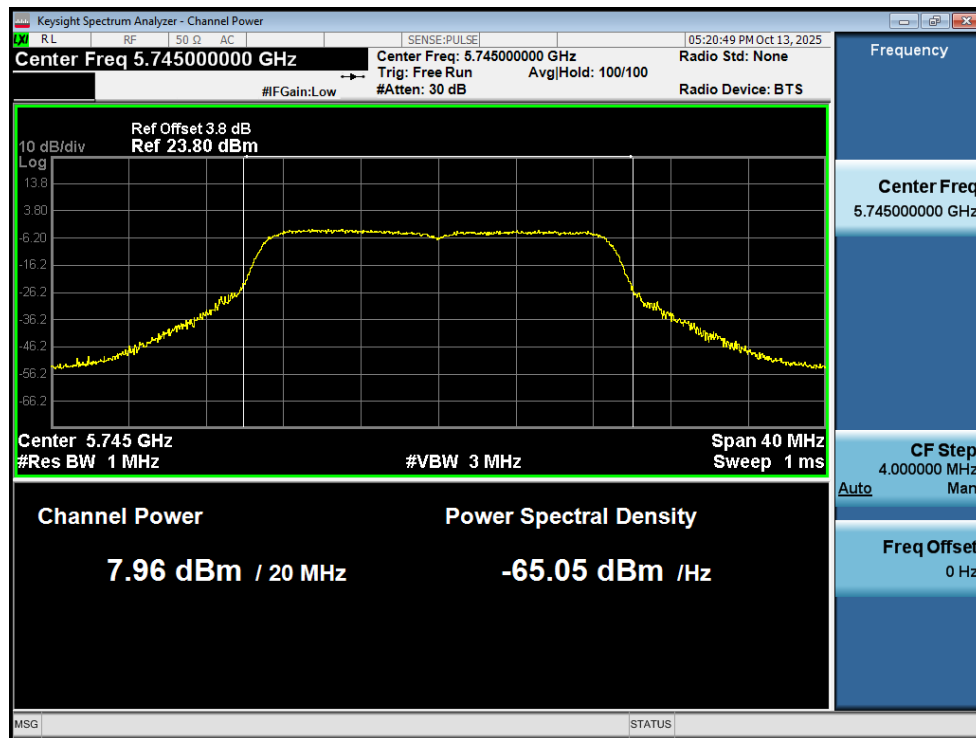
Duty Cycle NVNT n20 5825MHz Ant2

2. Maximum Conducted Output Power

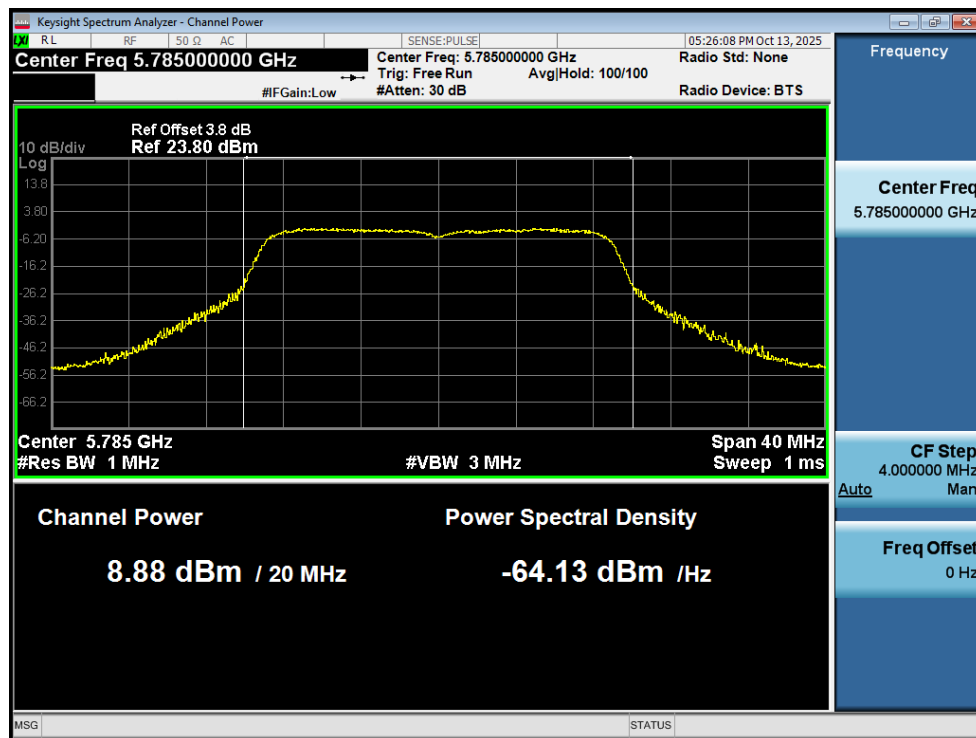
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	OFDM	5745	Ant1	7.96	1.28	9.24	30	Pass
NVNT	OFDM	5785	Ant1	8.88	1.23	10.11	30	Pass
NVNT	OFDM	5825	Ant1	8.68	1.12	9.8	30	Pass
NVNT	OFDM	5745	Ant2	8.02	1.15	9.17	30	Pass
NVNT	OFDM	5785	Ant2	9.05	2.33	11.38	30	Pass
NVNT	OFDM	5825	Ant2	9.18	1.1	10.28	30	Pass
NVNT	OFDM	5745	MIMO	-	-	12.21	30	Pass
NVNT	OFDM	5785	MIMO	-	-	13.8	30	Pass
NVNT	OFDM	5825	MIMO	-	-	13.06	30	Pass

Note 1: Total power=Conducted power + Duty factor; MIMO Power=ANT1 Power+ANT2 Power

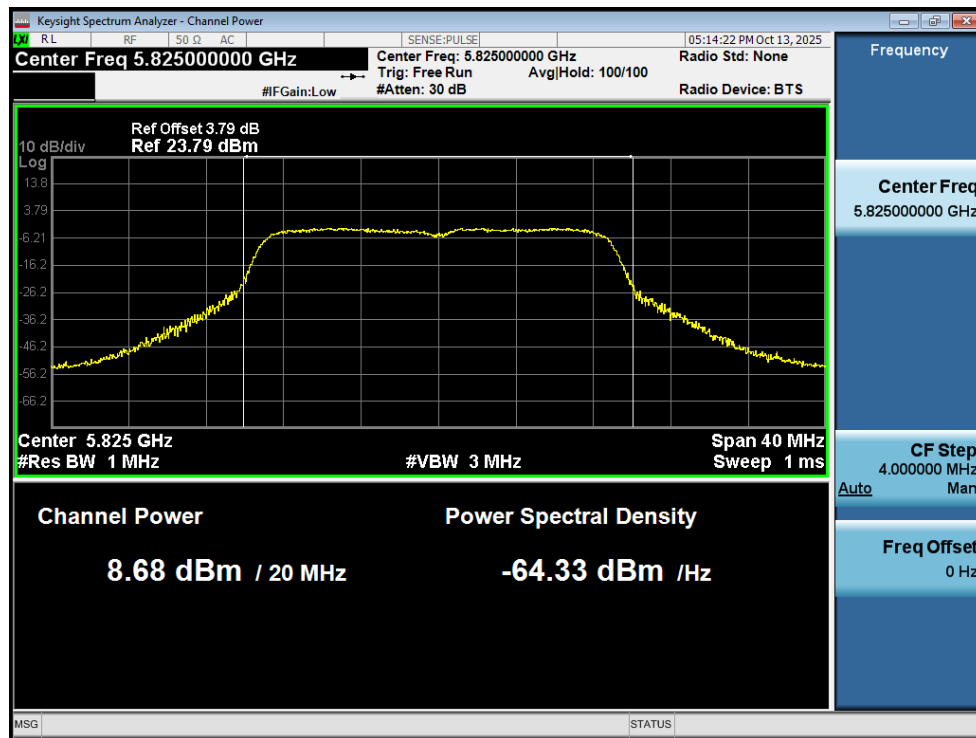
Note 2: Note 2: Antenna Gain: ANT1: 2.34dBi, ANT2: 2.11dBi, Sum: 5.35dBi.



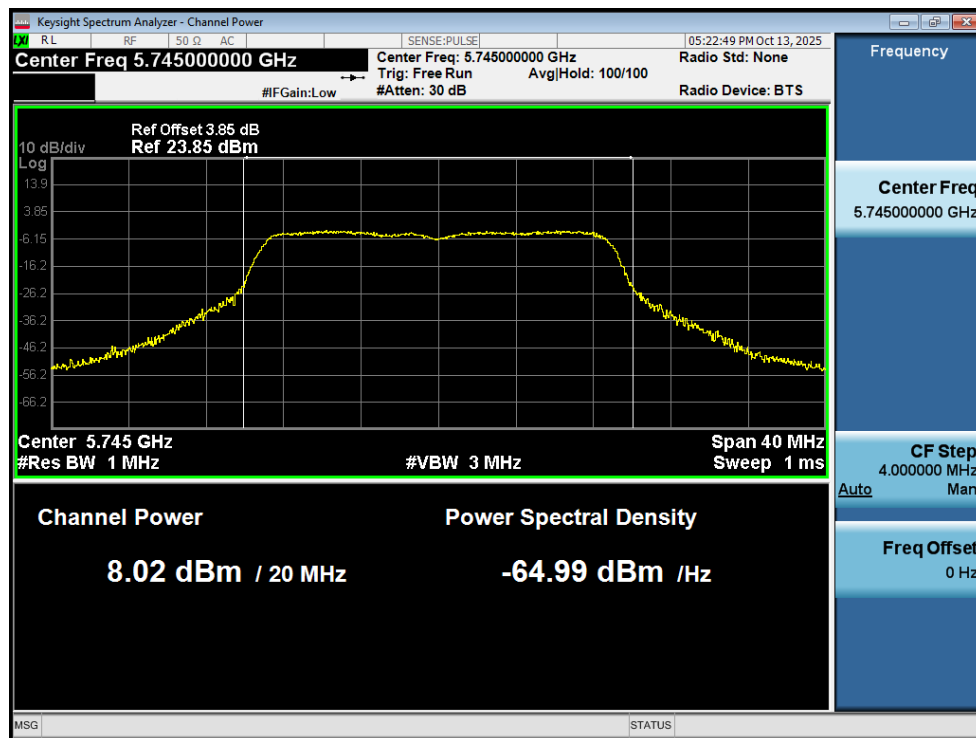
Power NVNT n20 5745MHz Ant1



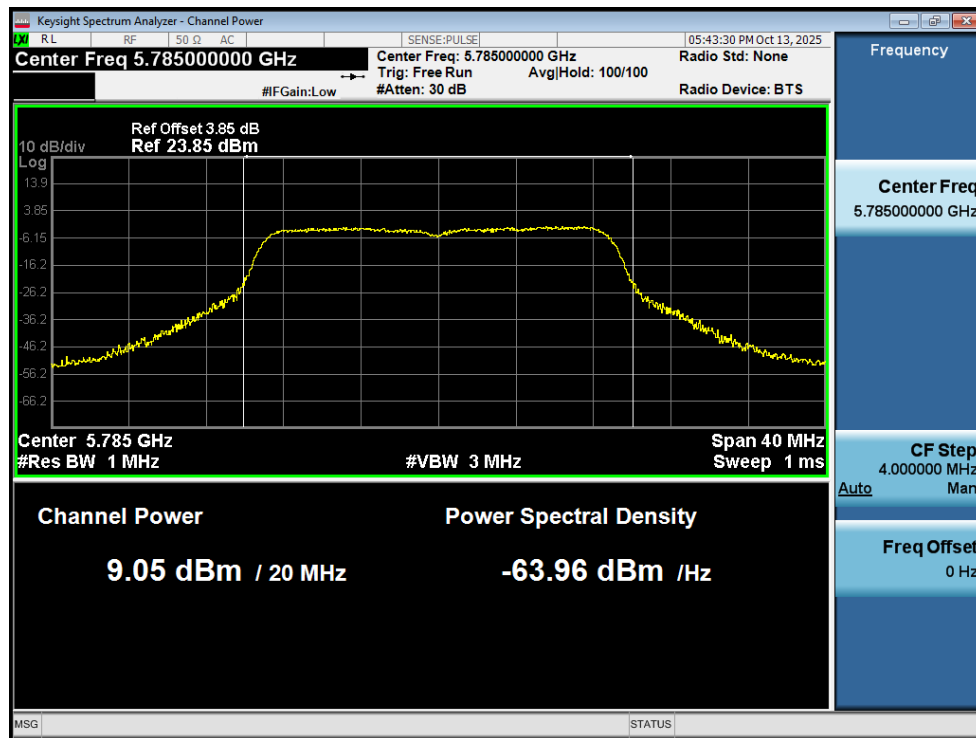
Power NVNT n20 5785MHz Ant1



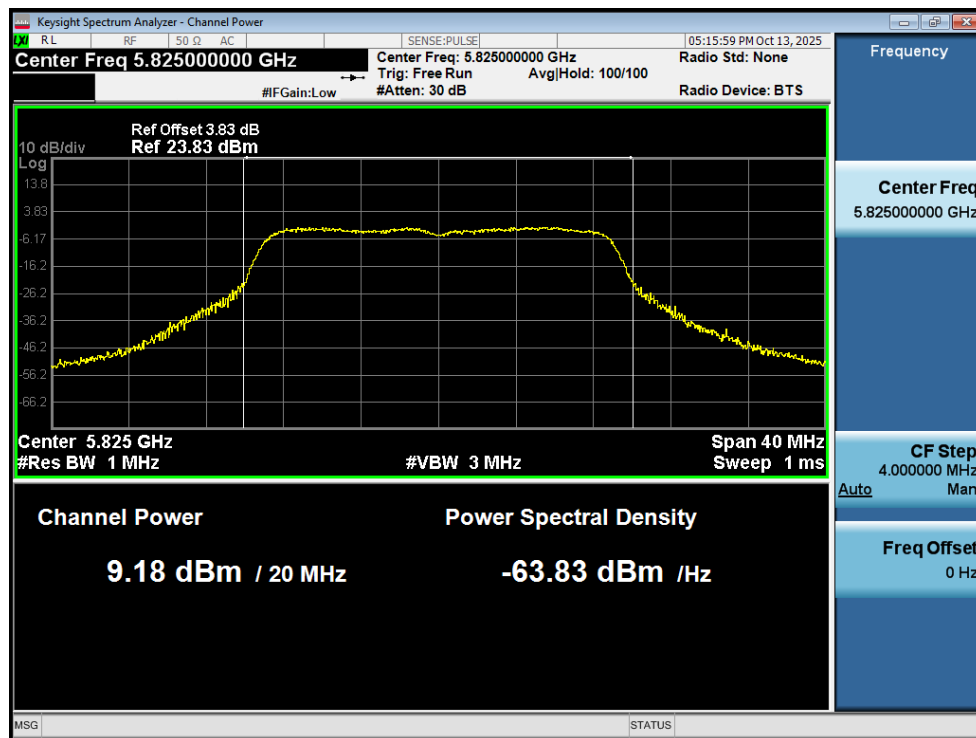
Power NVNT n20 5825MHz Ant1



Power NVNT n20 5745MHz Ant2



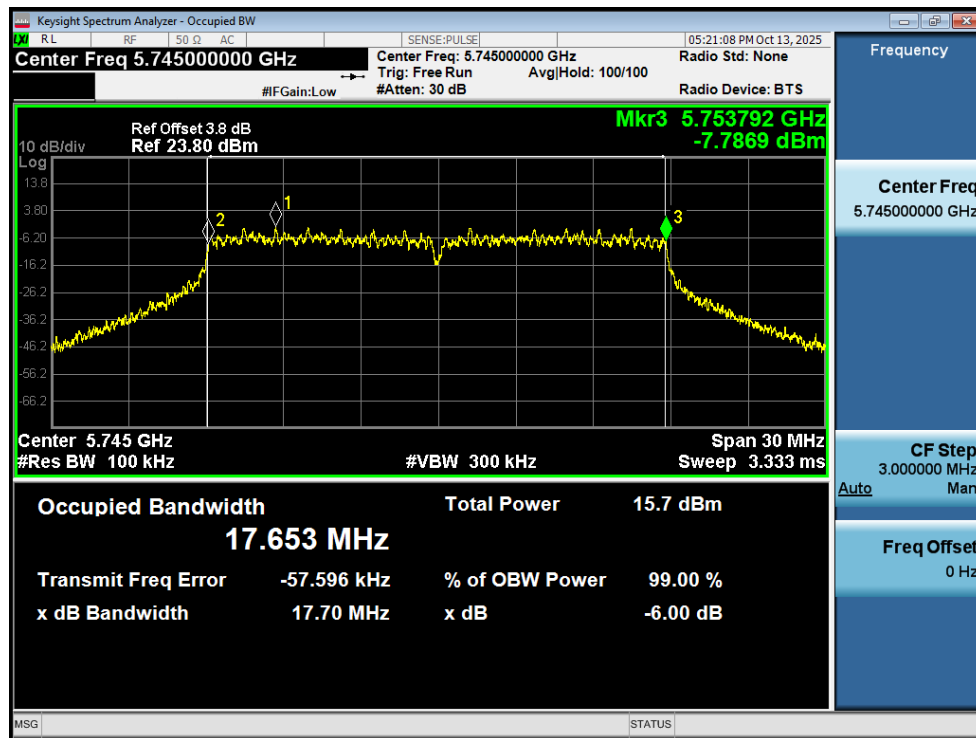
Power NVNT n20 5785MHz Ant2



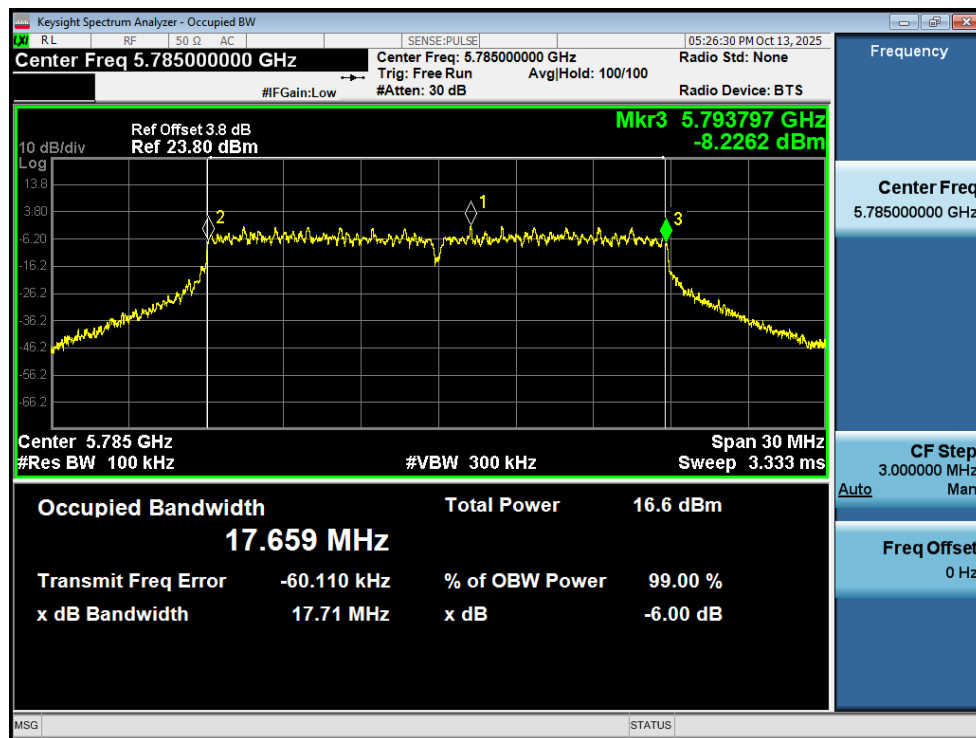
Power NVNT n20 5825MHz Ant2

3. -6dB Bandwidth

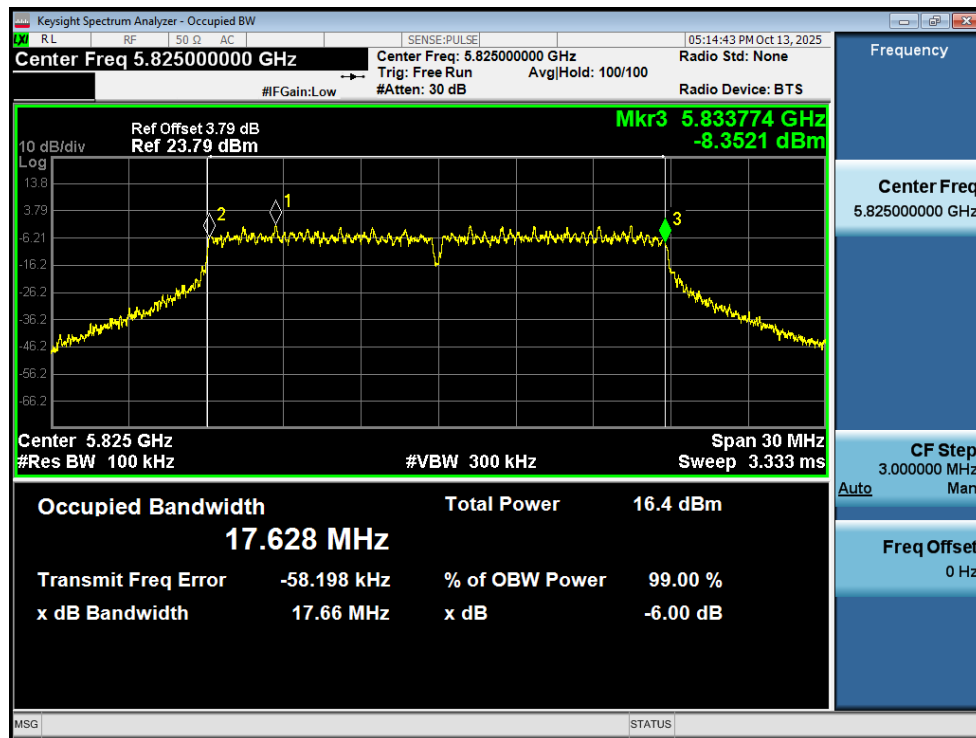
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	OFDM	5745	Ant1	17.698	0.5	Pass
NVNT	OFDM	5785	Ant1	17.715	0.5	Pass
NVNT	OFDM	5825	Ant1	17.663	0.5	Pass
NVNT	OFDM	5745	Ant2	17.688	0.5	Pass
NVNT	OFDM	5785	Ant2	17.659	0.5	Pass
NVNT	OFDM	5825	Ant2	17.695	0.5	Pass



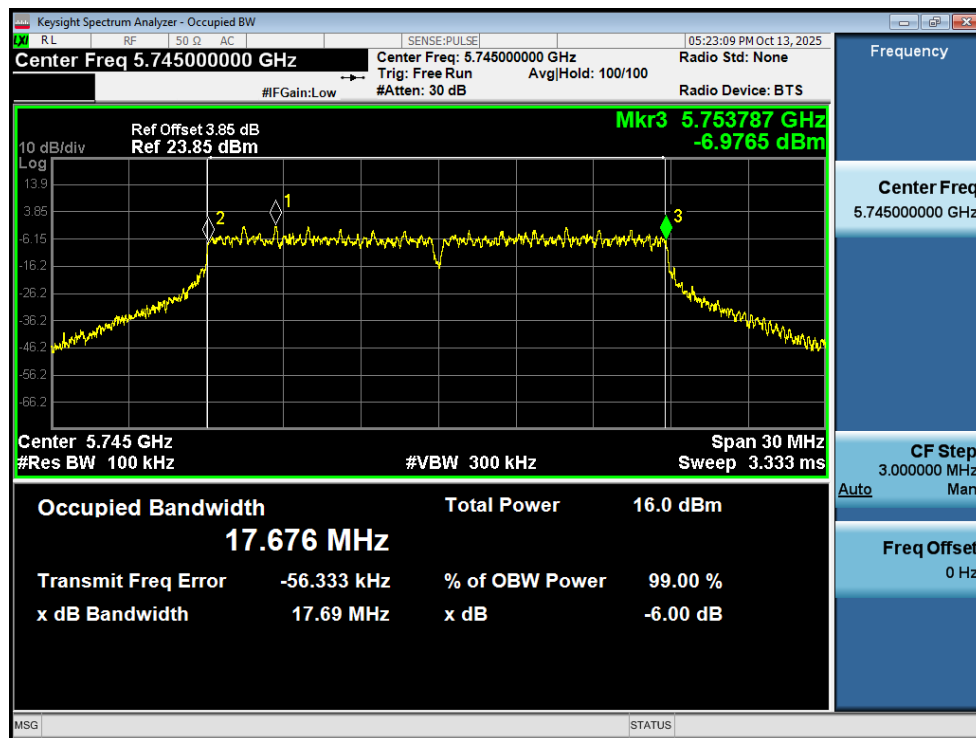
-6dB Bandwidth NVNT n20 5745MHz Ant1



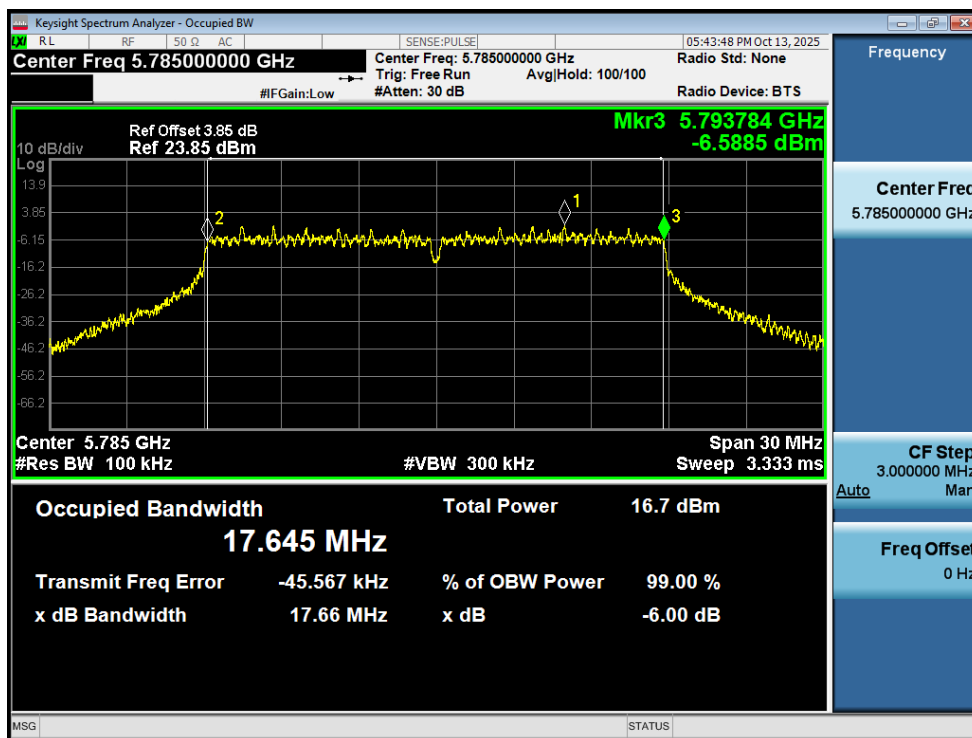
-6dB Bandwidth NVNT n20 5785MHz Ant1



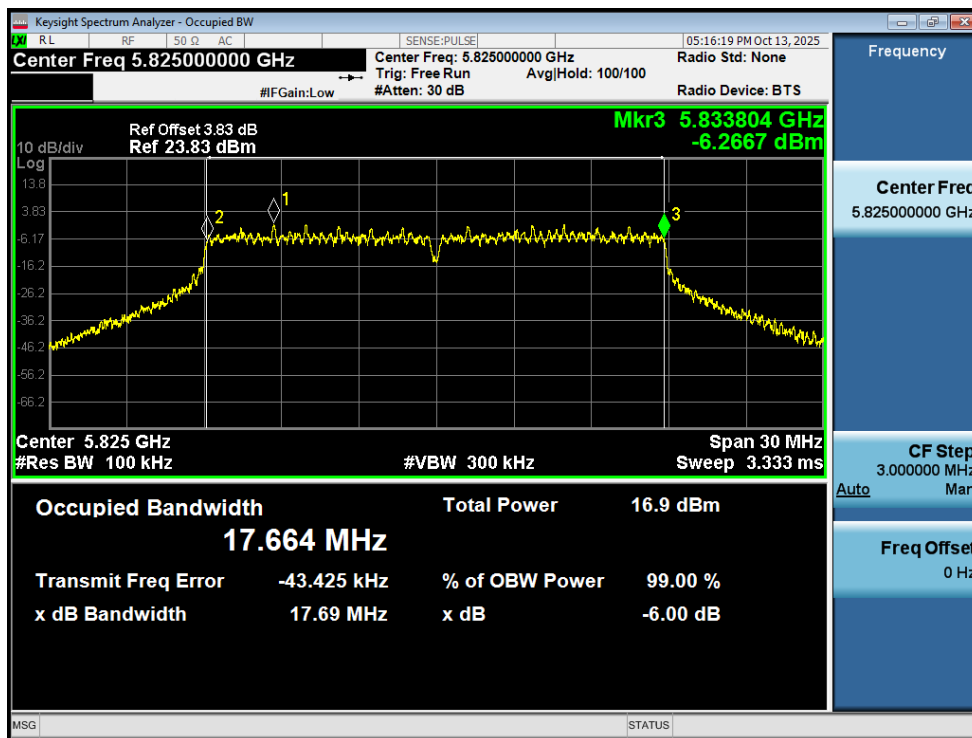
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n20 5745MHz Ant2



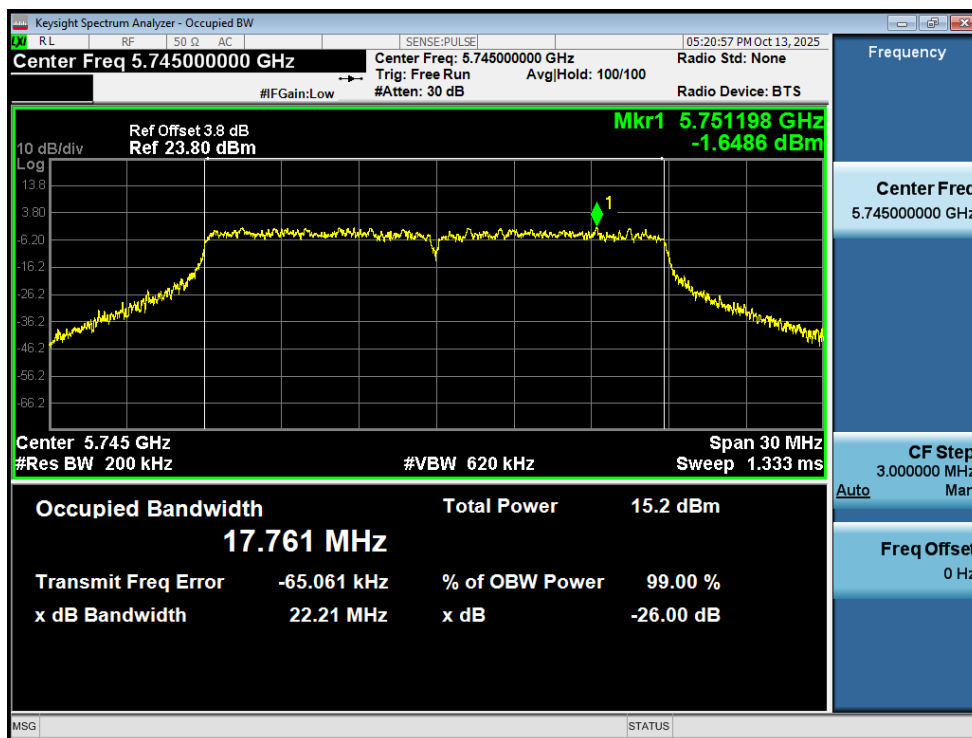
-6dB Bandwidth NVNT n20 5785MHz Ant2



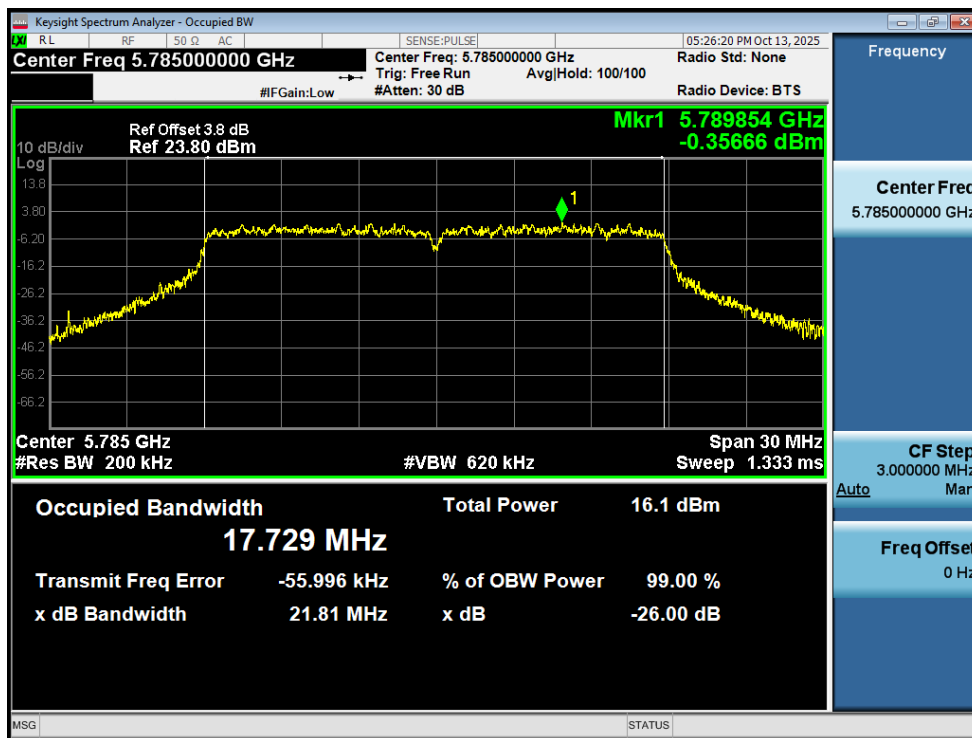
-6dB Bandwidth NVNT n20 5825MHz Ant2

4. Occupied Channel Bandwidth

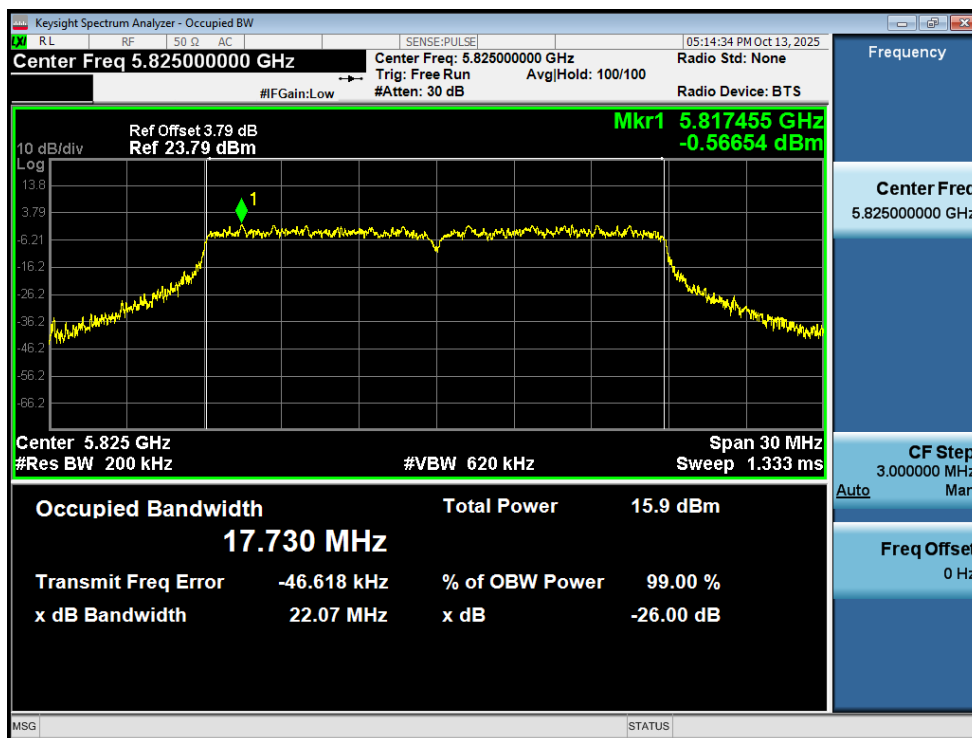
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	OFDM	5745	Ant1	17.761
NVNT	OFDM	5785	Ant1	17.729
NVNT	OFDM	5825	Ant1	17.73
NVNT	OFDM	5745	Ant2	17.739
NVNT	OFDM	5785	Ant2	17.755
NVNT	OFDM	5825	Ant2	17.732



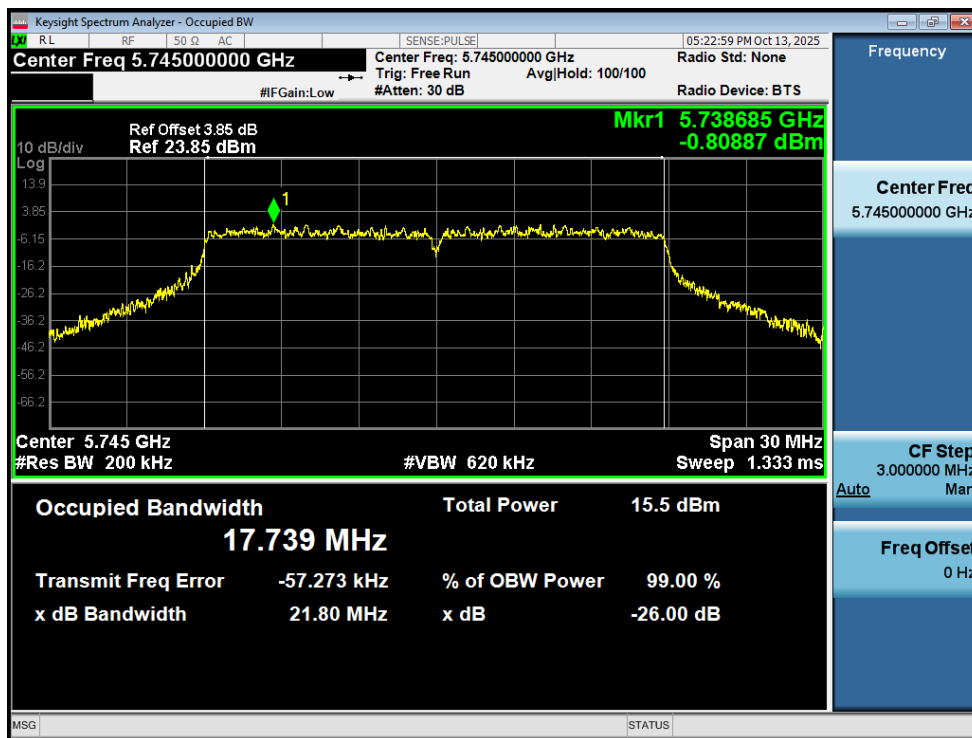
OBW NVNT n20 5745MHz Ant1



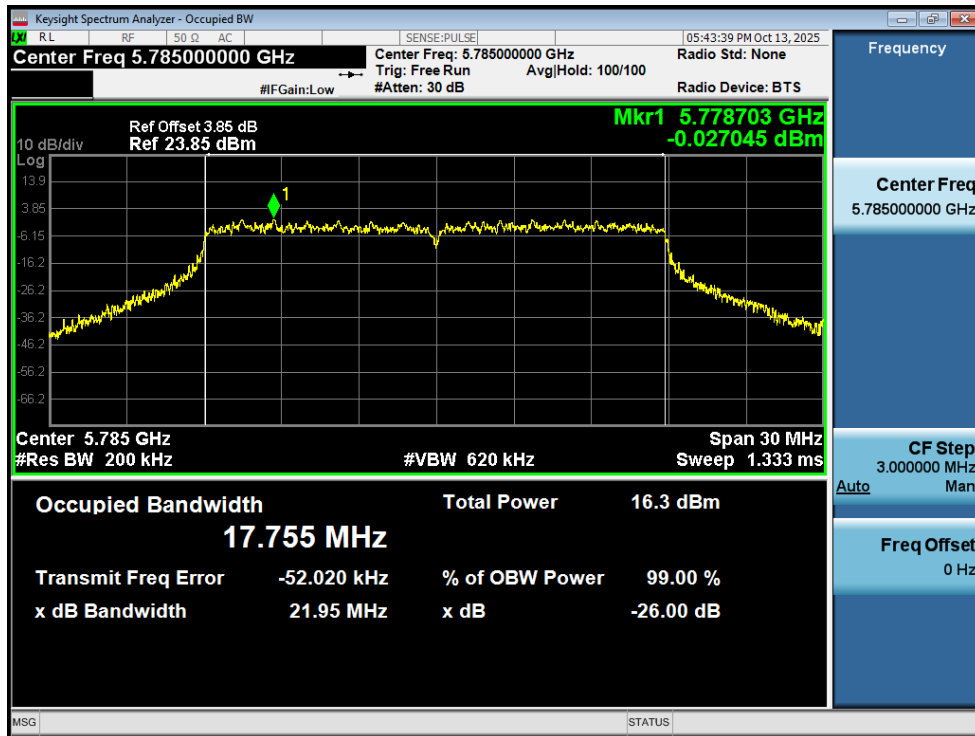
OBW NVNT n20 5785MHz Ant1



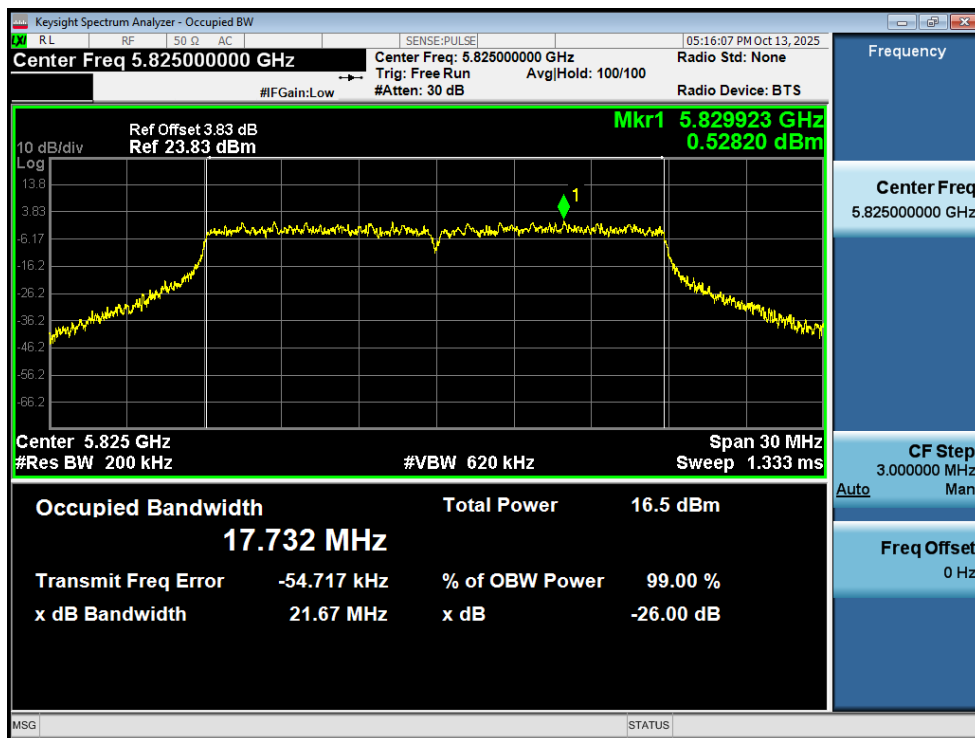
OBW NVNT n20 5825MHz Ant1



OBW NVNT n20 5745MHz Ant2



OBW NVNT n20 5785MHz Ant2



OBW NVNT n20 5825MHz Ant2

5. Maximum Power Spectral Density Level

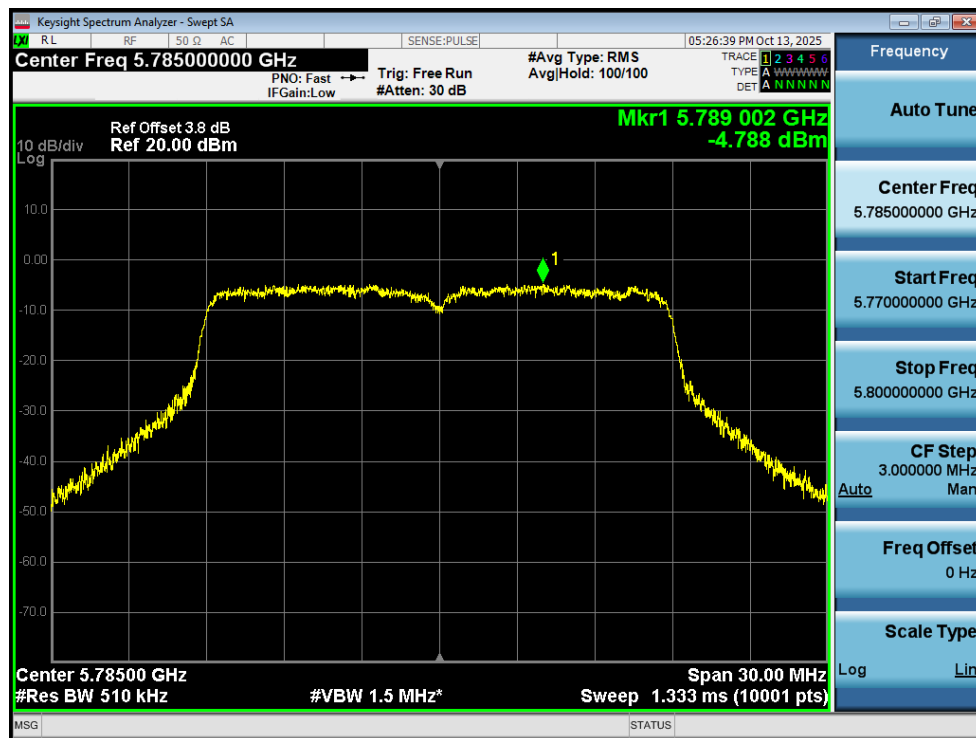
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	10log (500/510)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	OFDM	5745	Ant1	-5.49	1.28	-0.086	-4.30	30	Pass
NVNT	OFDM	5785	Ant1	-4.79	1.23	-0.086	-3.65	30	Pass
NVNT	OFDM	5825	Ant1	-4.61	1.12	-0.086	-3.58	30	Pass
NVNT	OFDM	5745	Ant2	-5.4	1.15	-0.086	-4.34	30	Pass
NVNT	OFDM	5785	Ant2	-4.44	2.33	-0.086	-2.20	30	Pass
NVNT	OFDM	5825	Ant2	-4.41	1.1	-0.086	-3.40	30	Pass
NVNT	OFDM	5745	MIMO	-	-	-	-1.31	30	Pass
NVNT	OFDM	5785	MIMO	-	-	-	0.13	30	Pass
NVNT	OFDM	5825	MIMO	-	-	-	-0.46	30	Pass

Note 1: Note: Total PSD = Conducted PSD + Duty Factor + (10log(Limit RBW/Test RBW)); MIMO PSD=ANT1 PSD+ANT2 PSD

Note 2: Note 2: Antenna Gain: ANT1: 2.34dBi, ANT2: 2.11dBi, Sum: 5.35dBi.



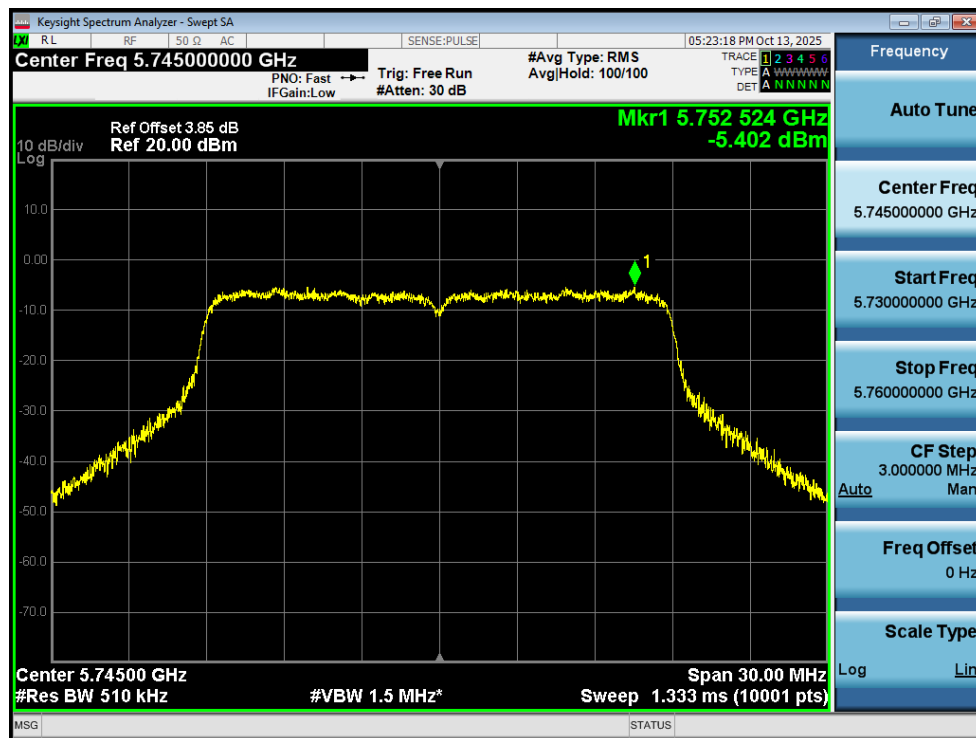
PSD NVNT n20 5745MHz Ant1



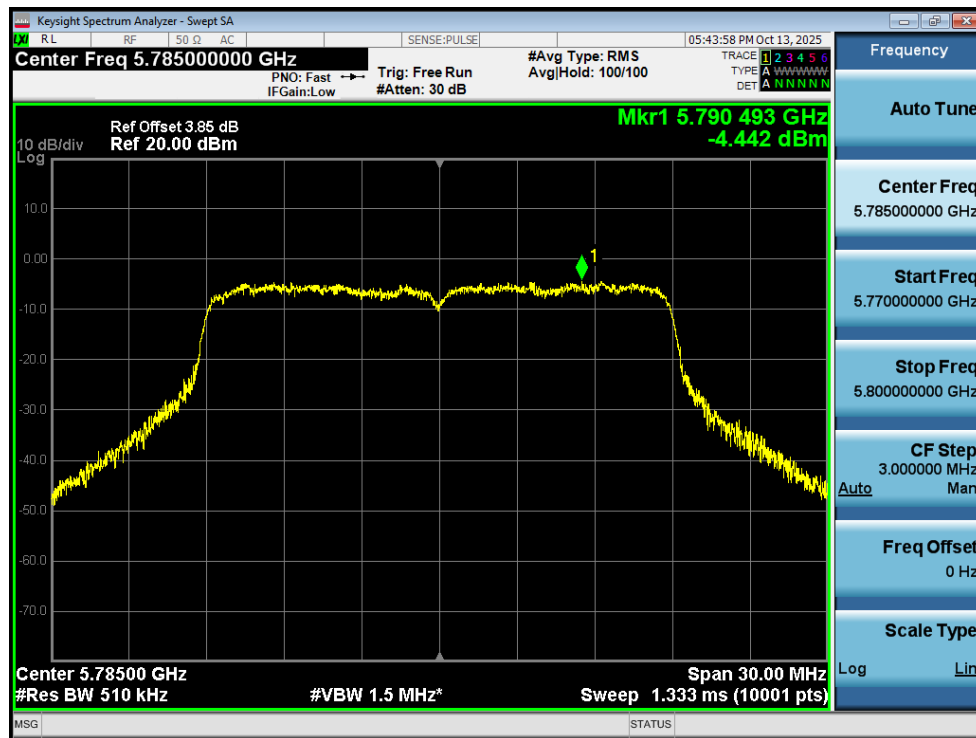
PSD NVNT n20 5785MHz Ant1



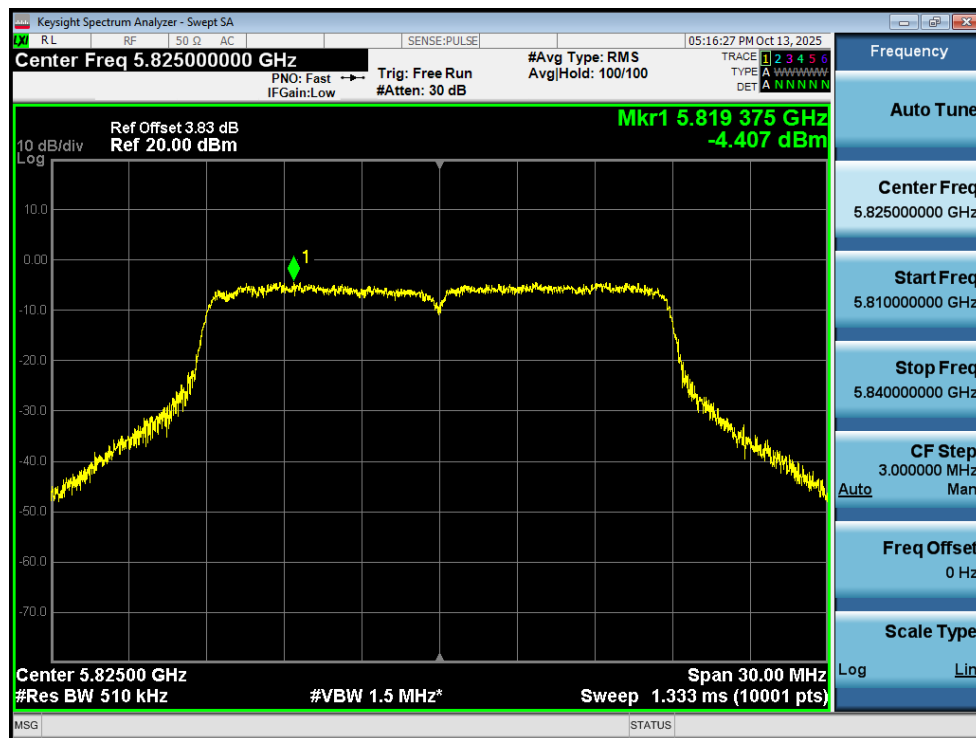
PSD NVNT n20 5825MHz Ant1



PSD NVNT n20 5745MHz Ant2



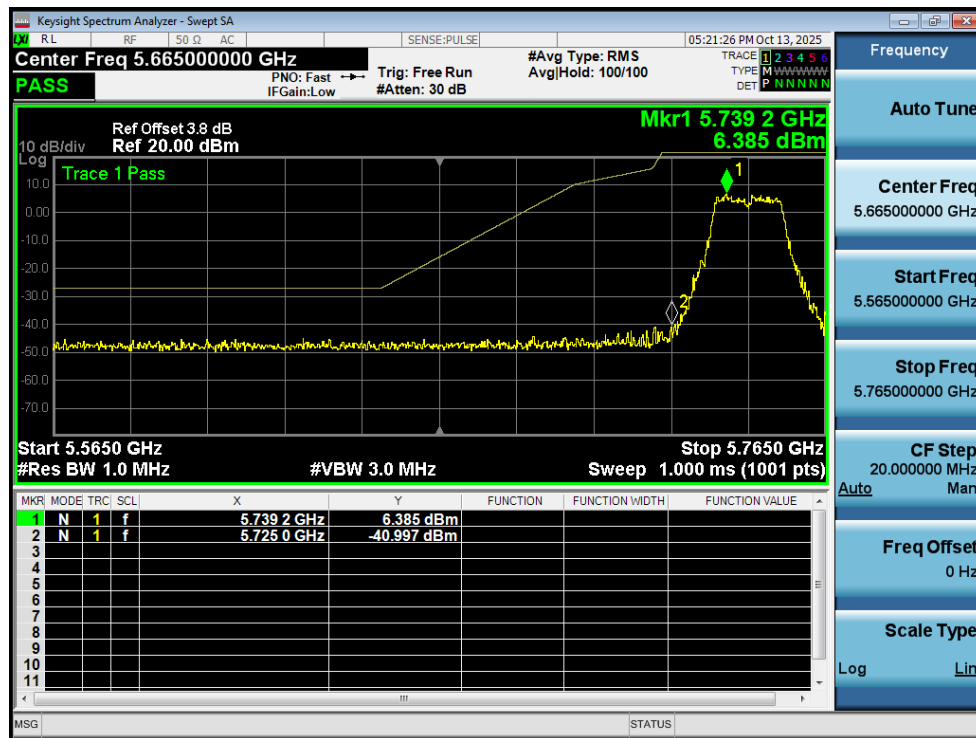
PSD NVNT n20 5785MHz Ant2



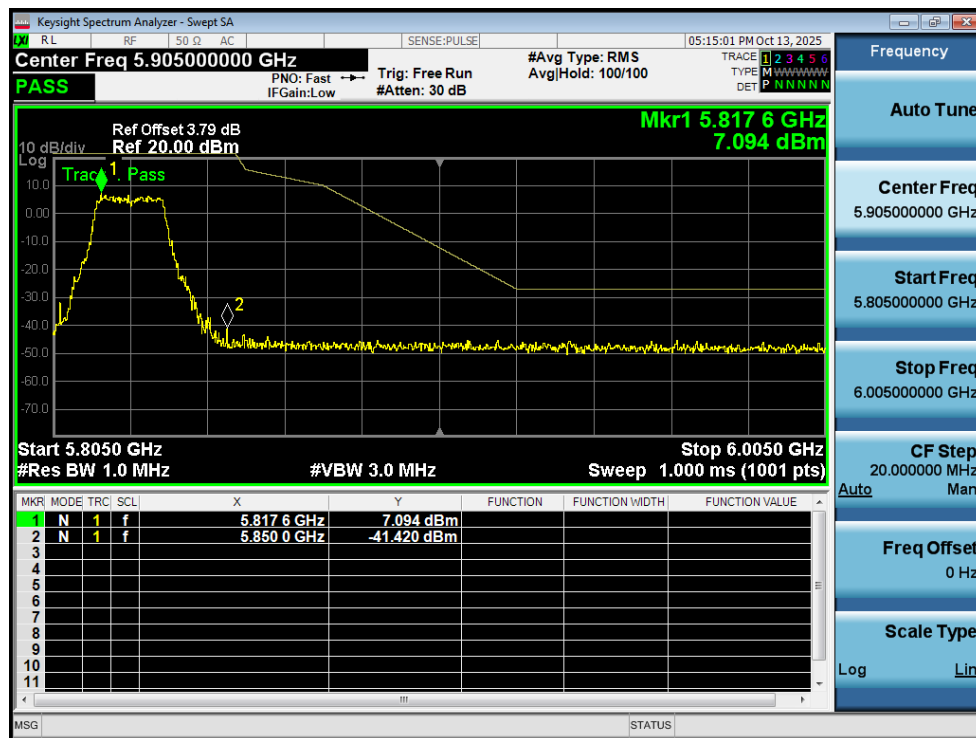
PSD NVNT n20 5825MHz Ant2

6. Band Edge

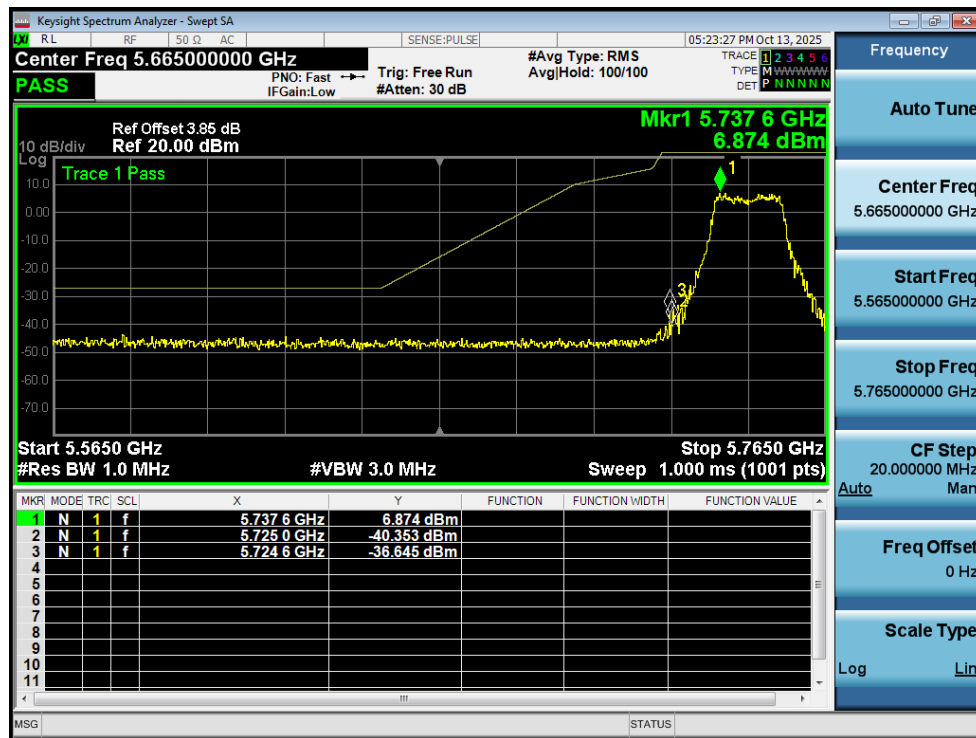
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	OFDM	5745	Ant1	-40.99	Pass
NVNT	OFDM	5825	Ant1	-41.41	Pass
NVNT	OFDM	5745	Ant2	-36.64	Pass
NVNT	OFDM	5825	Ant2	-44.03	Pass



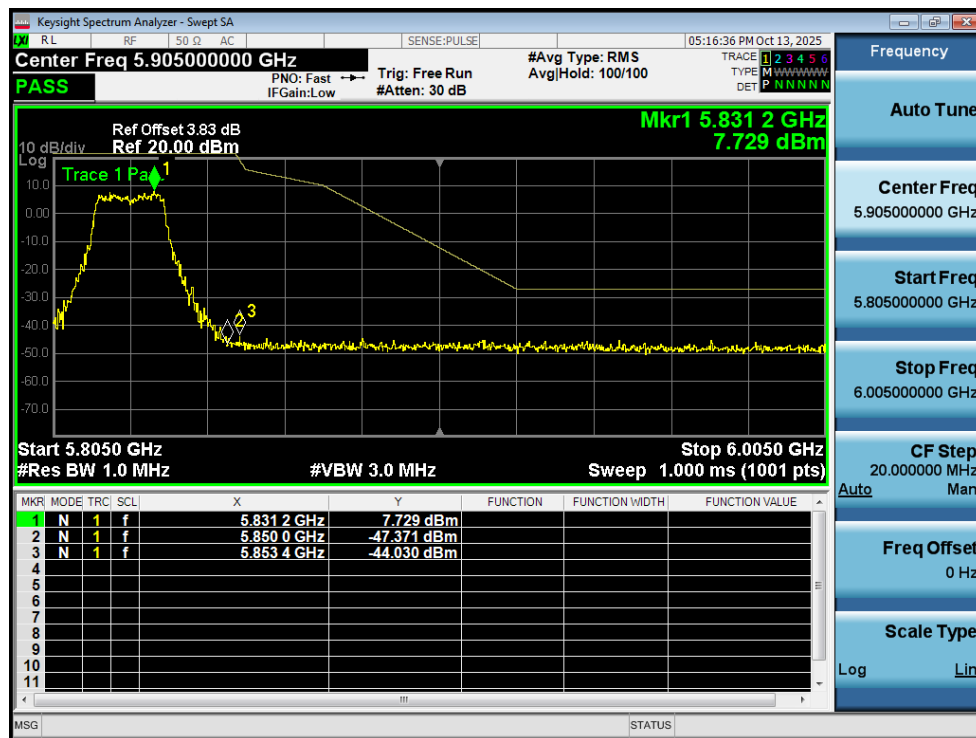
Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant2

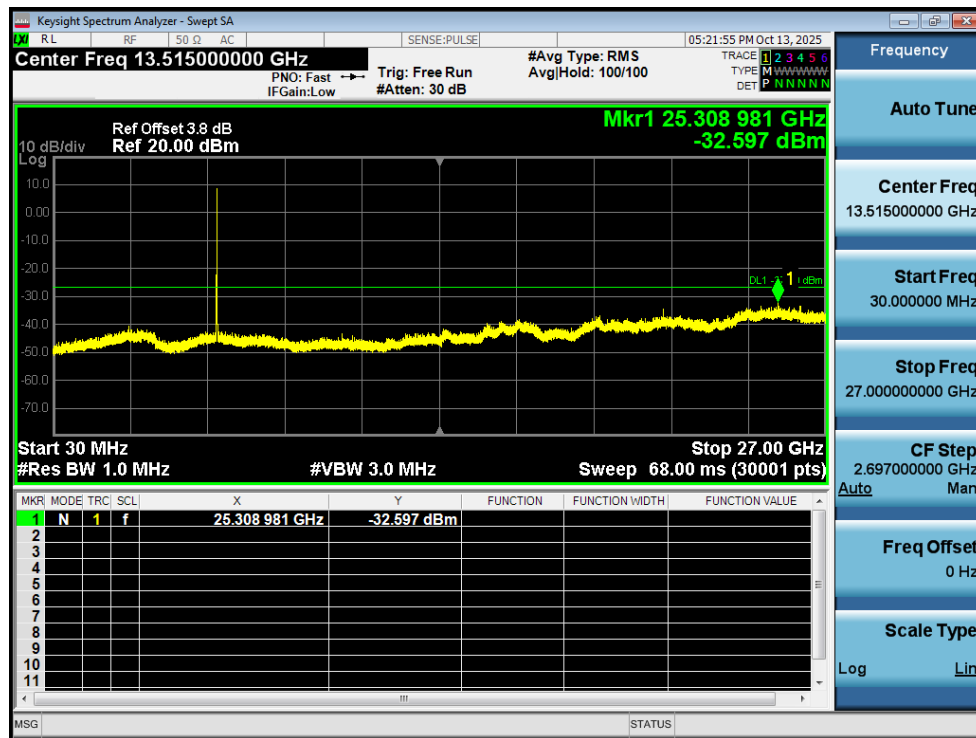


Band Edge NVNT n20 5825MHz High Ant2

7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	n20	5745	Ant1	-32.59	-27	Pass
NVNT	n20	5785	Ant1	-32.96	-27	Pass
NVNT	n20	5825	Ant1	-33.56	-27	Pass
NVNT	n20	5745	Ant2	-32.75	-27	Pass
NVNT	n20	5785	Ant2	-33.8	-27	Pass
NVNT	n20	5825	Ant2	-33.3	-27	Pass

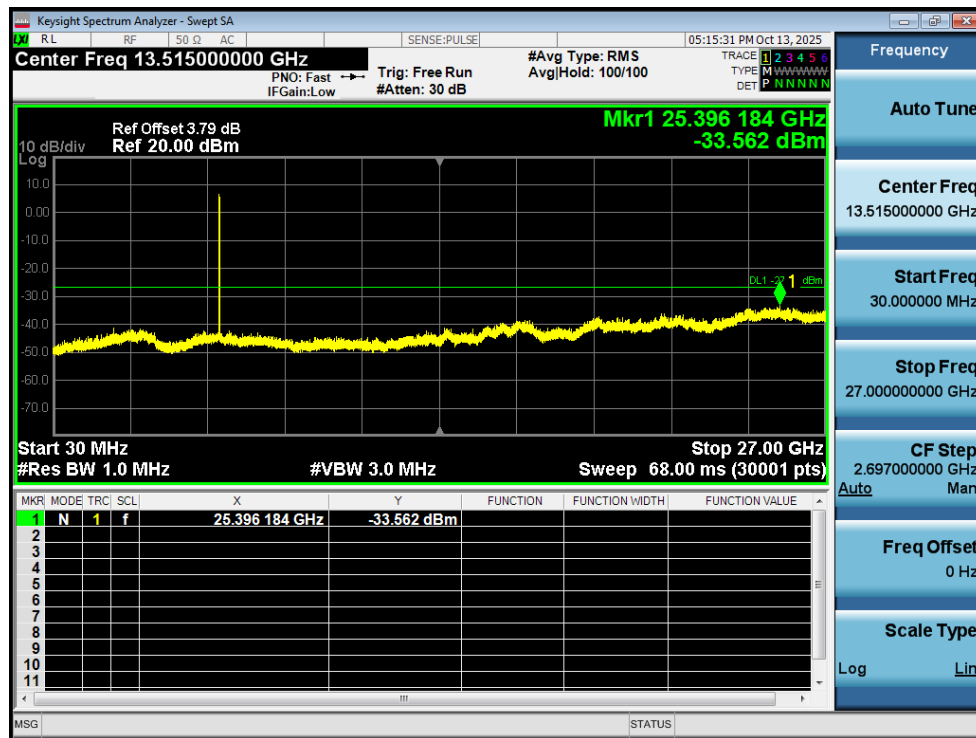
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, 9kHz to 30MHz and above 27GHz not recorded for no spurious point have a margin of less than 20dB with respect to the limits.



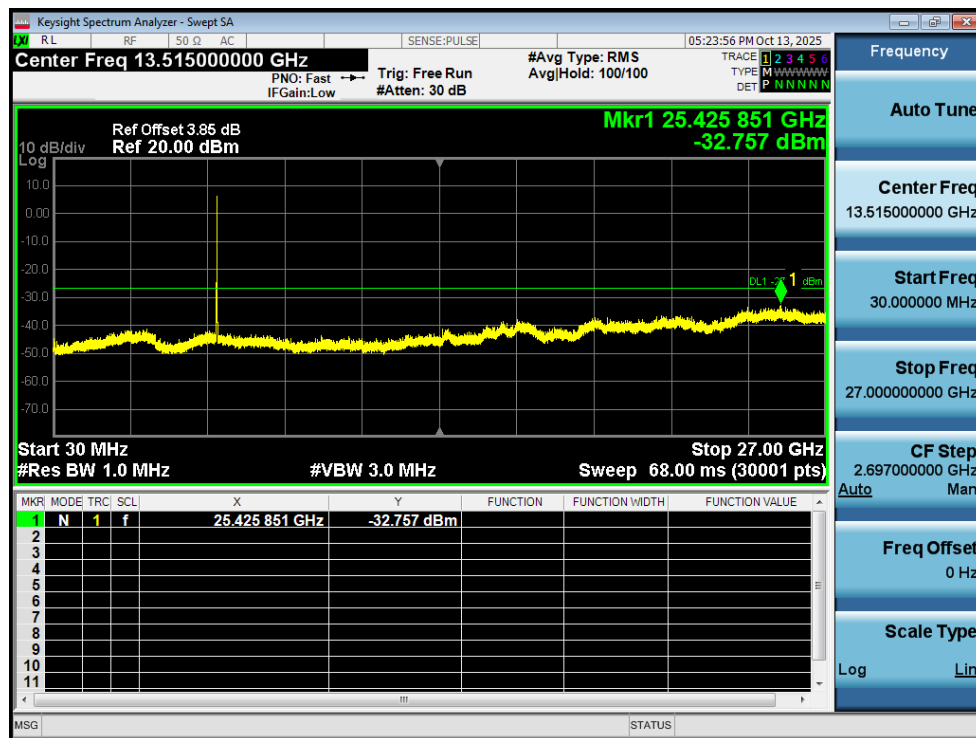
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



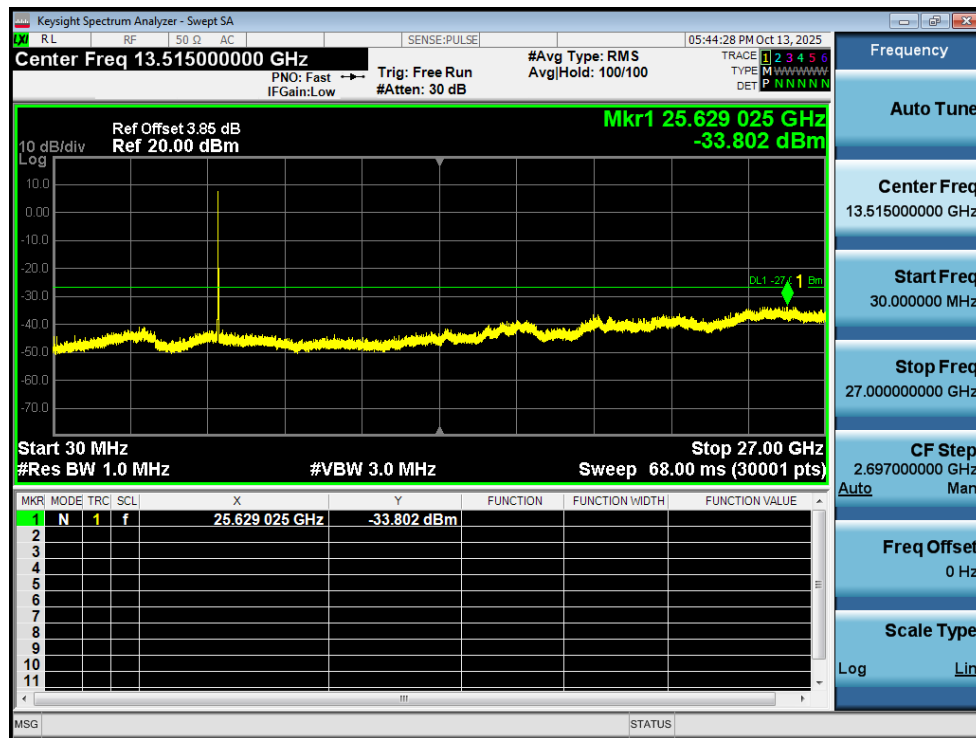
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n20 5745MHz Ant2 Emission



Tx. Spurious NVNT n20 5785MHz Ant2 Emission



Tx. Spurious NVNT n20 5825MHz Ant2 Emission