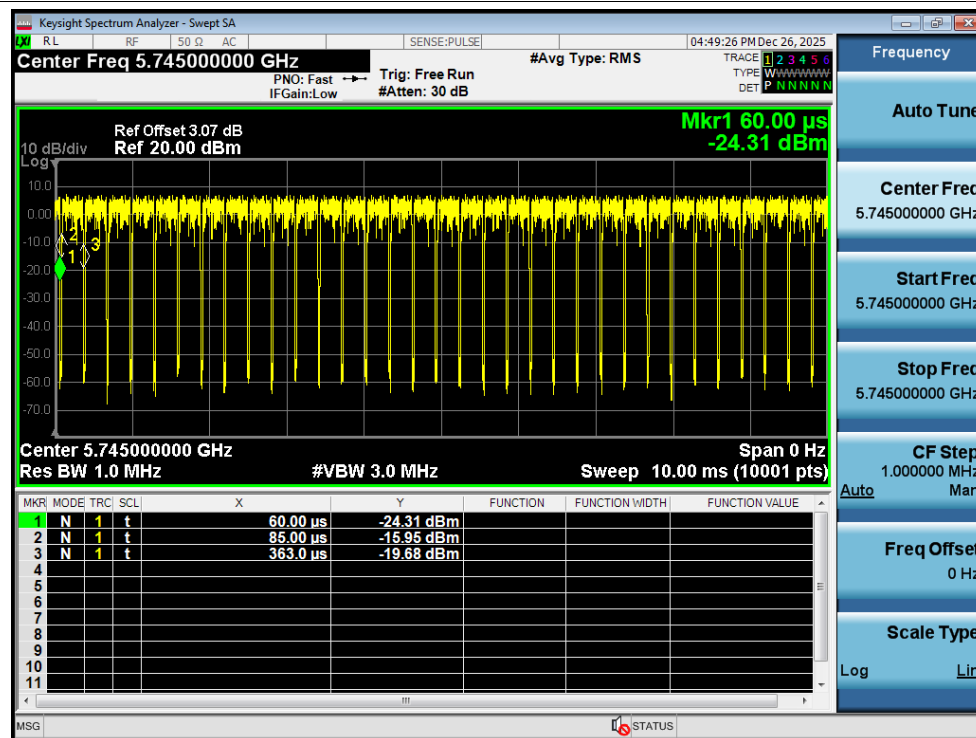


Duty Cycle

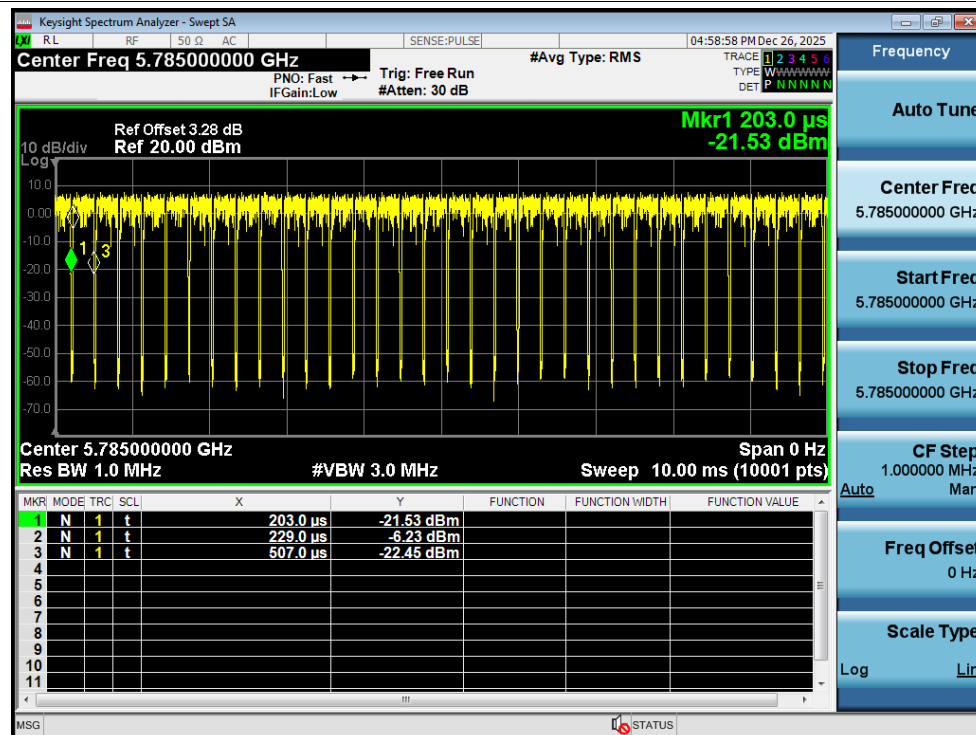
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	91.75	0.37	3.6
NVNT	a	5785	Ant1	91.45	0.39	3.6
NVNT	a	5825	Ant1	91.45	0.39	3.6
NVNT	n20	5745	Ant1	91.88	0.37	3.4
NVNT	n20	5785	Ant1	91.88	0.37	3.4
NVNT	n20	5825	Ant1	91.88	0.37	3.4
NVNT	n40	5755	Ant1	90.63	0.43	3.45
NVNT	n40	5795	Ant1	90.63	0.43	3.45

Test Graphs

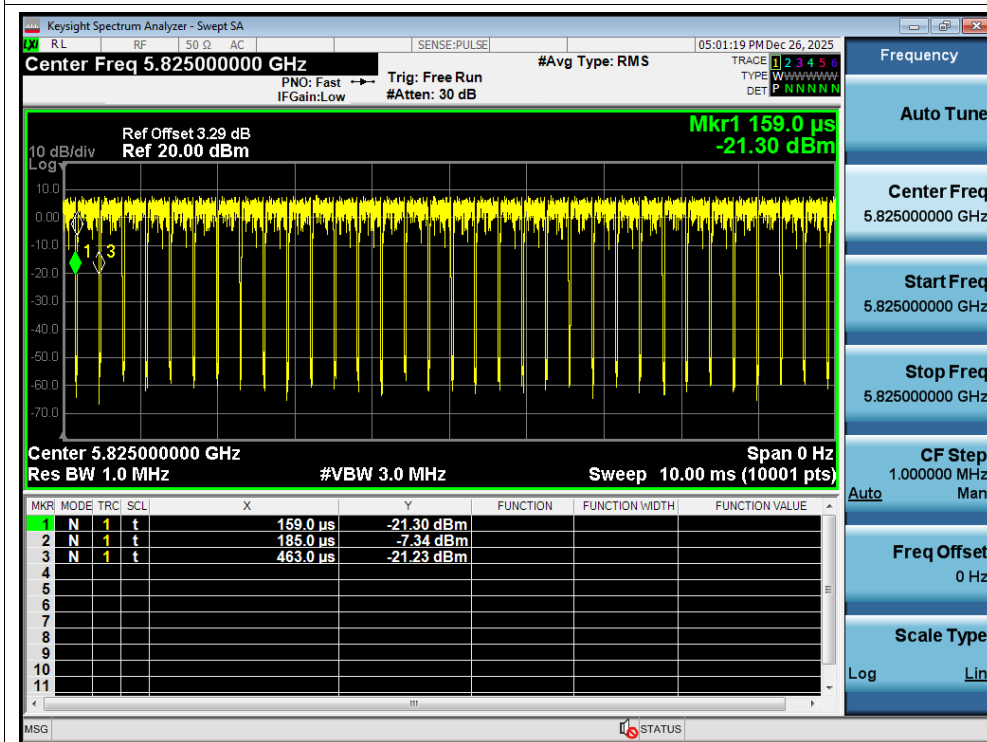
Duty Cycle NVNT a 5745MHz Ant1



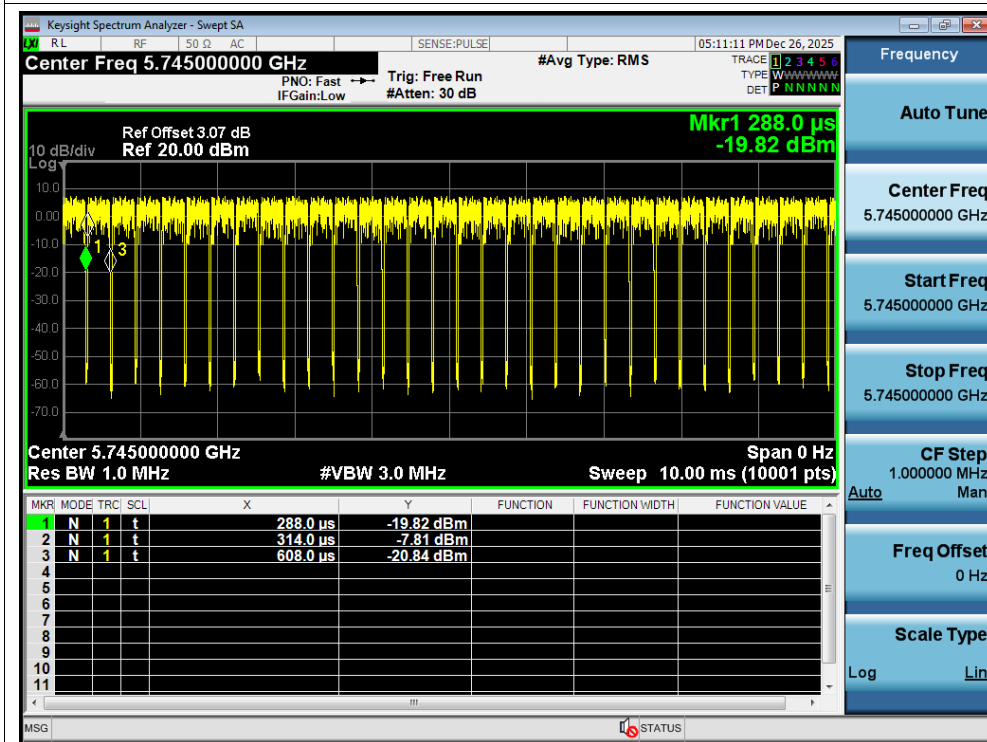
Duty Cycle NVNT a 5785MHz Ant1



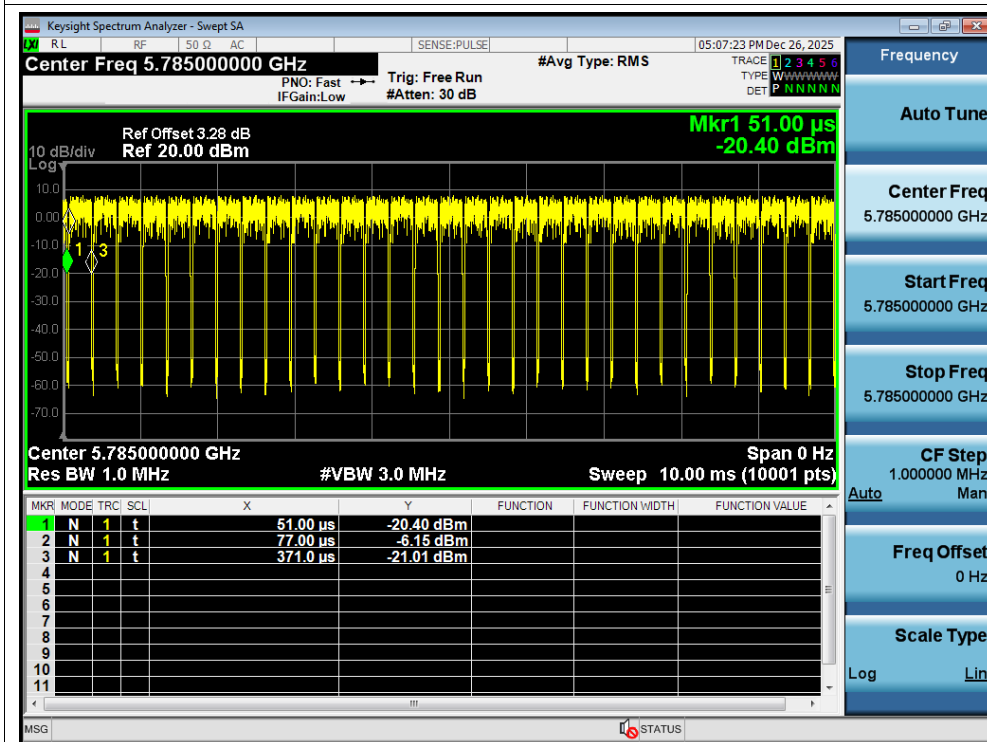
Duty Cycle NVNT a 5825MHz Ant1



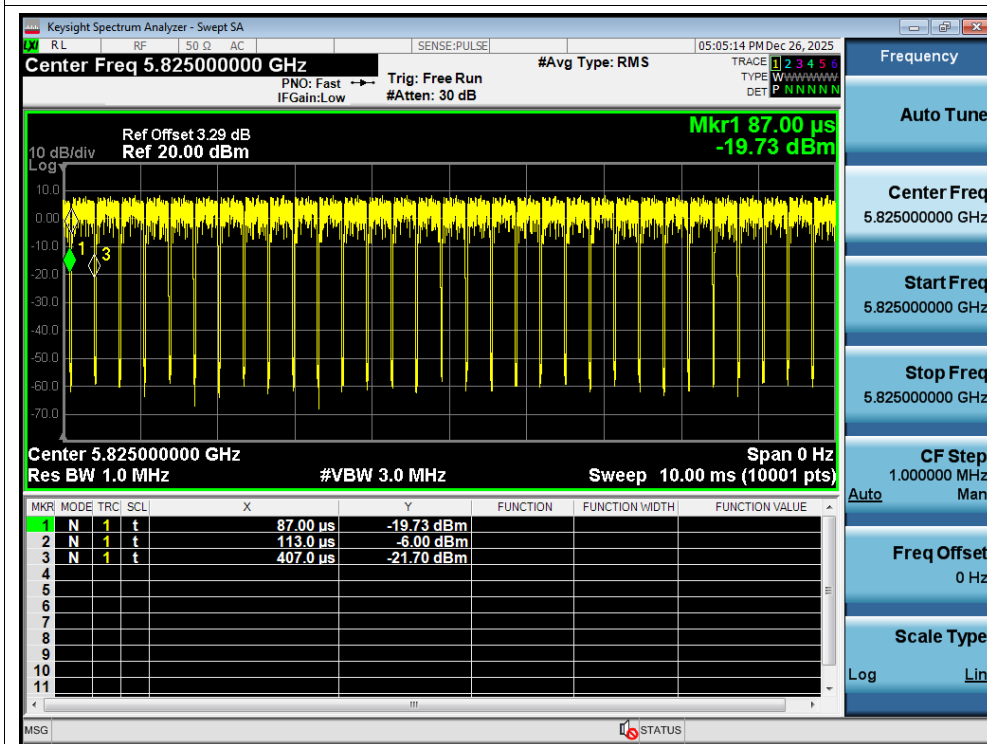
Duty Cycle NVNT n20 5745MHz Ant1



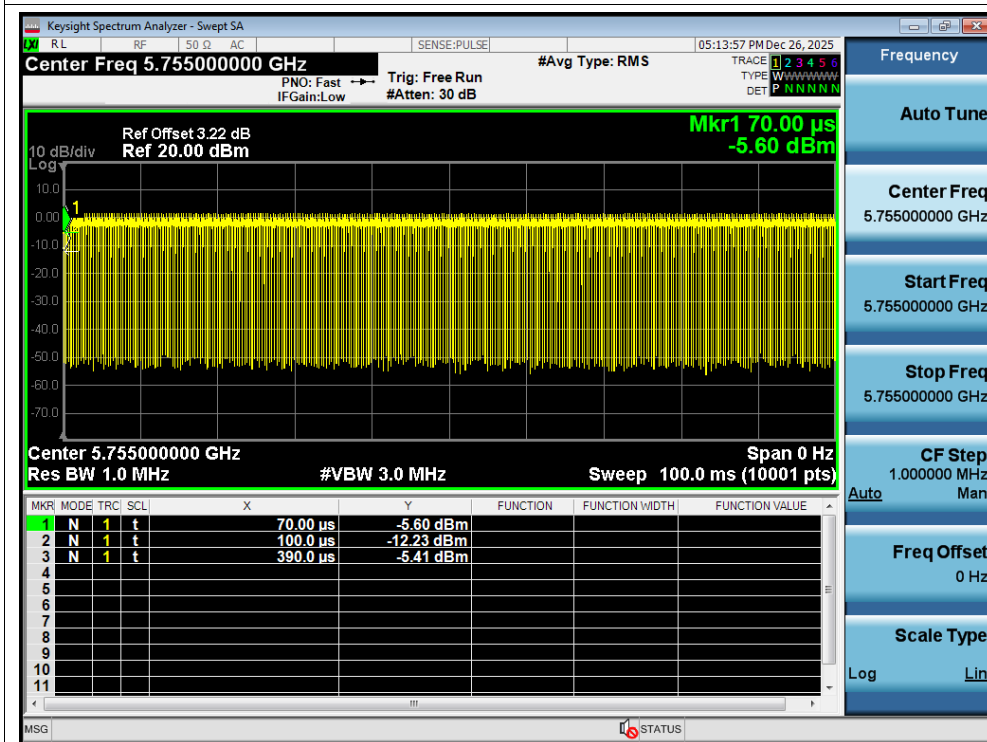
Duty Cycle NVNT n20 5785MHz Ant1



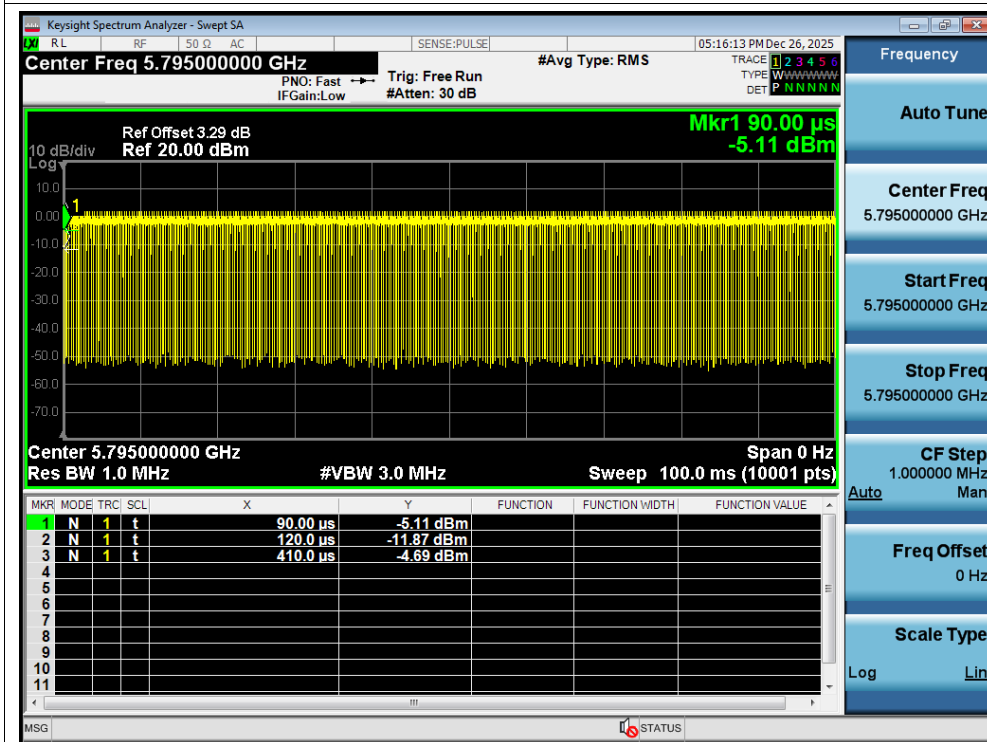
Duty Cycle NVNT n20 5825MHz Ant1



Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.39	30	Pass
NVNT	a	5785	Ant1	11.69	30	Pass
NVNT	a	5825	Ant1	11.89	30	Pass
NVNT	n20	5745	Ant1	11.16	30	Pass
NVNT	n20	5785	Ant1	11.57	30	Pass
NVNT	n20	5825	Ant1	11.69	30	Pass
NVNT	n40	5755	Ant1	10.34	30	Pass
NVNT	n40	5795	Ant1	10.74	30	Pass

-6dB Bandwidth

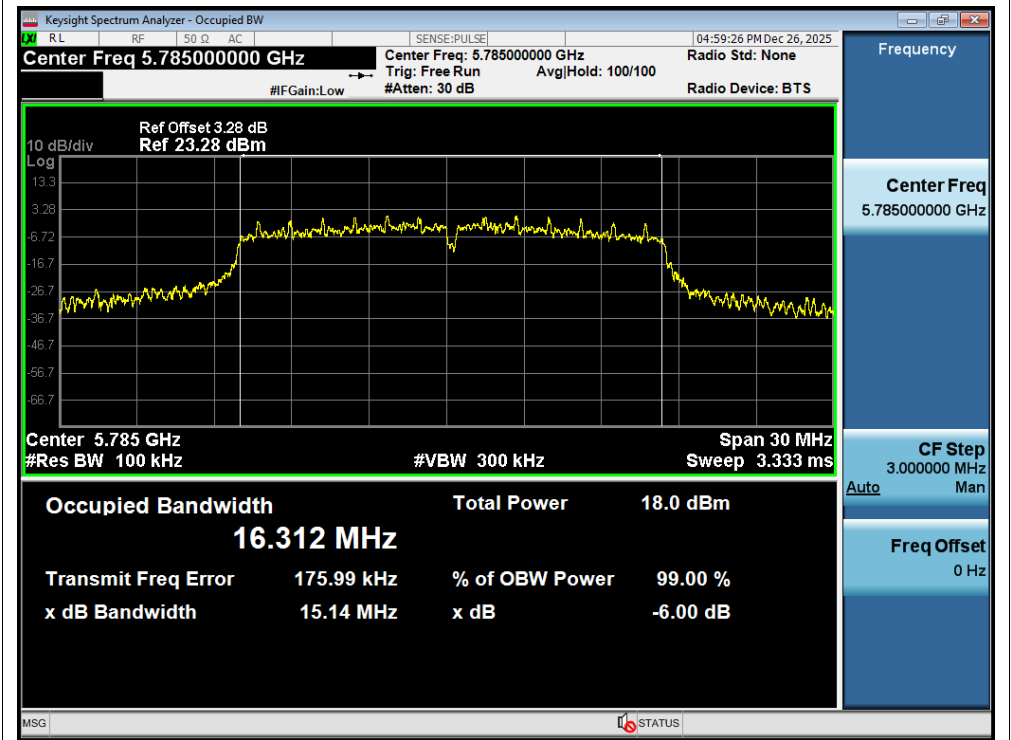
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.116	0.5	Pass
NVNT	a	5785	Ant1	15.138	0.5	Pass
NVNT	a	5825	Ant1	15.086	0.5	Pass
NVNT	n20	5745	Ant1	15.121	0.5	Pass
NVNT	n20	5785	Ant1	15.075	0.5	Pass
NVNT	n20	5825	Ant1	15.116	0.5	Pass
NVNT	n40	5755	Ant1	35.067	0.5	Pass
NVNT	n40	5795	Ant1	35.056	0.5	Pass

Test Graphs

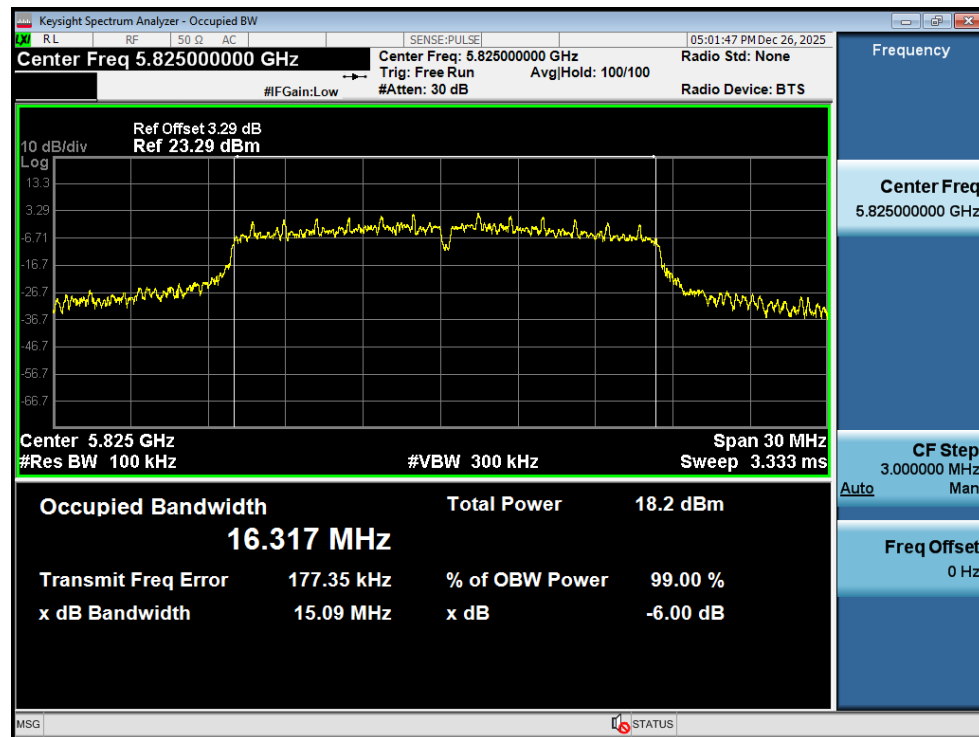
-6dB Bandwidth NVNT a 5745MHz Ant1



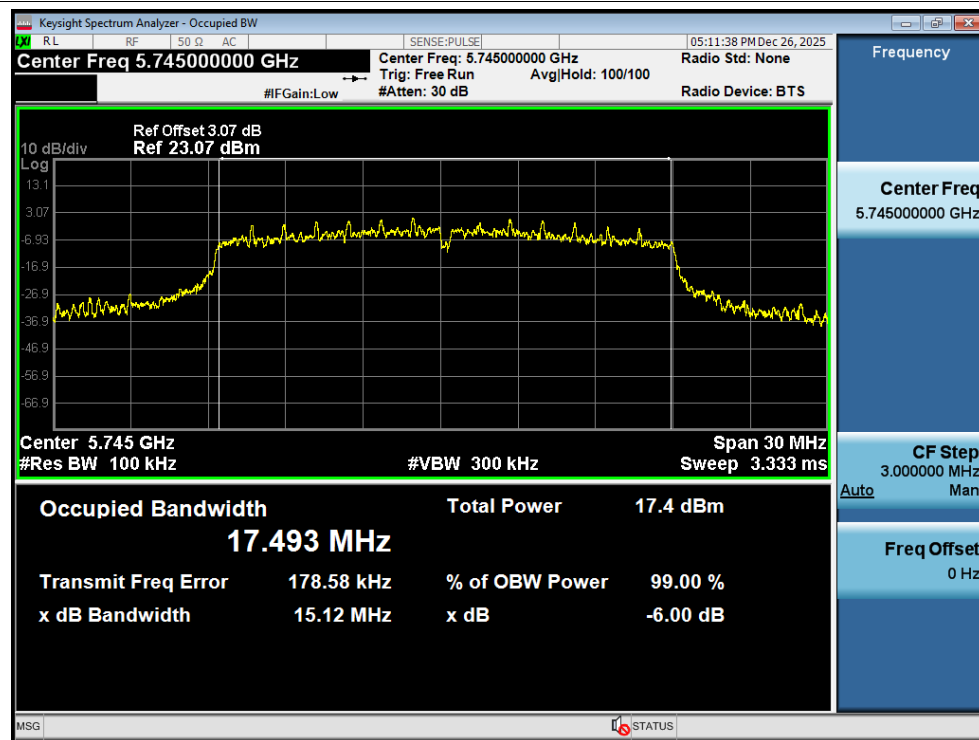
-6dB Bandwidth NVNT a 5785MHz Ant1



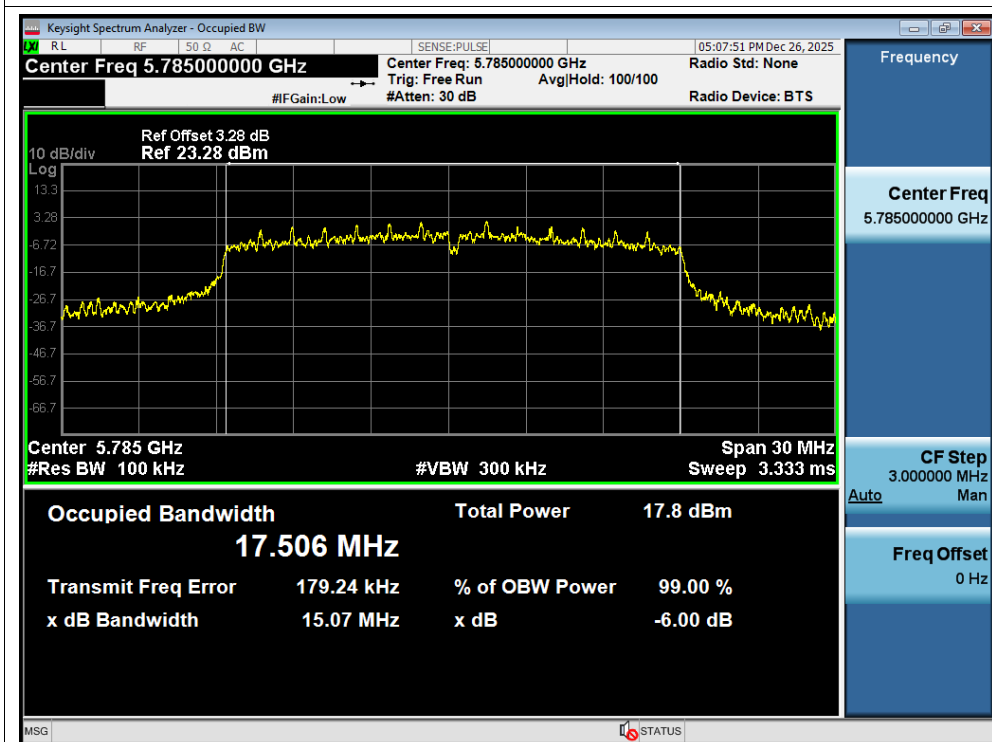
-6dB Bandwidth NVNT a 5825MHz Ant1



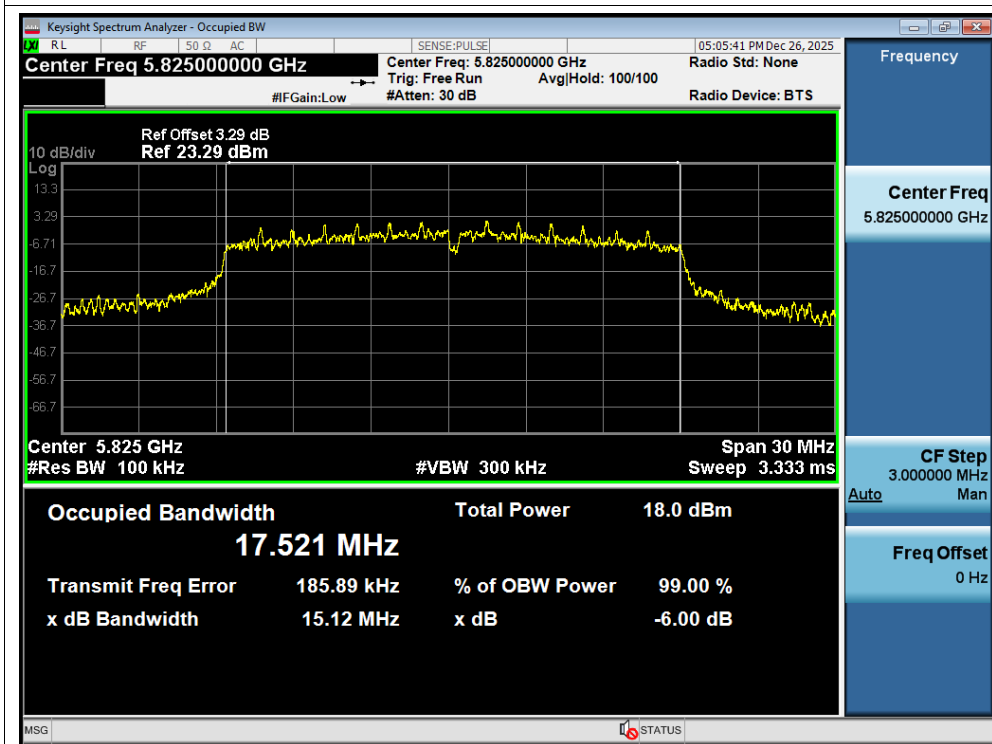
-6dB Bandwidth NVNT n20 5745MHz Ant1



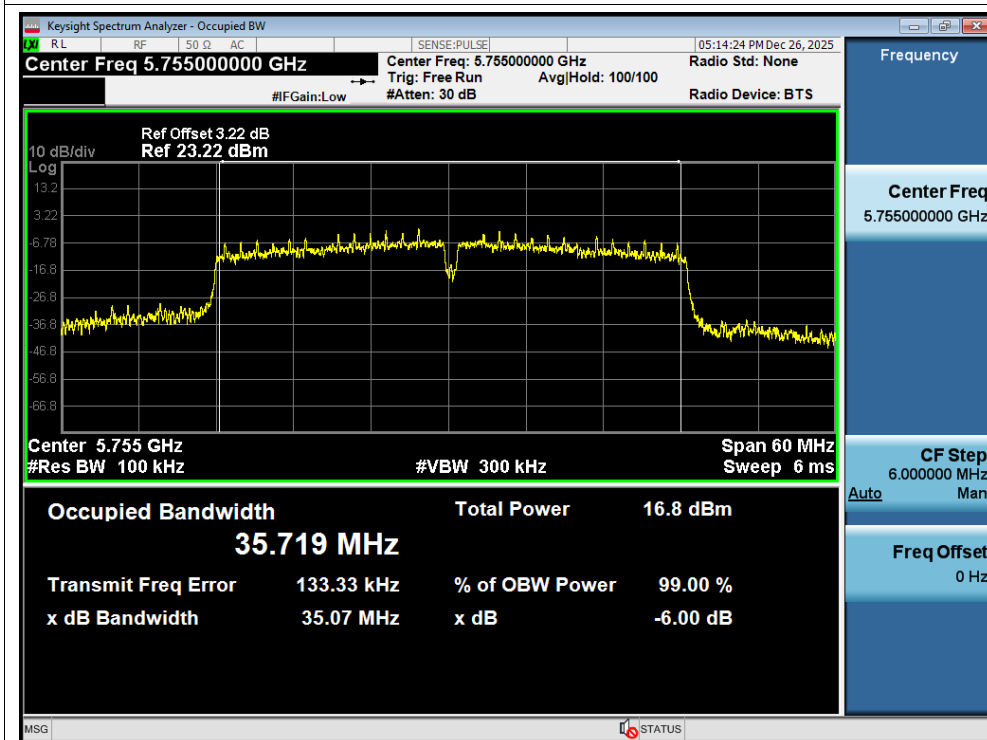
-6dB Bandwidth NVNT n20 5785MHz Ant1



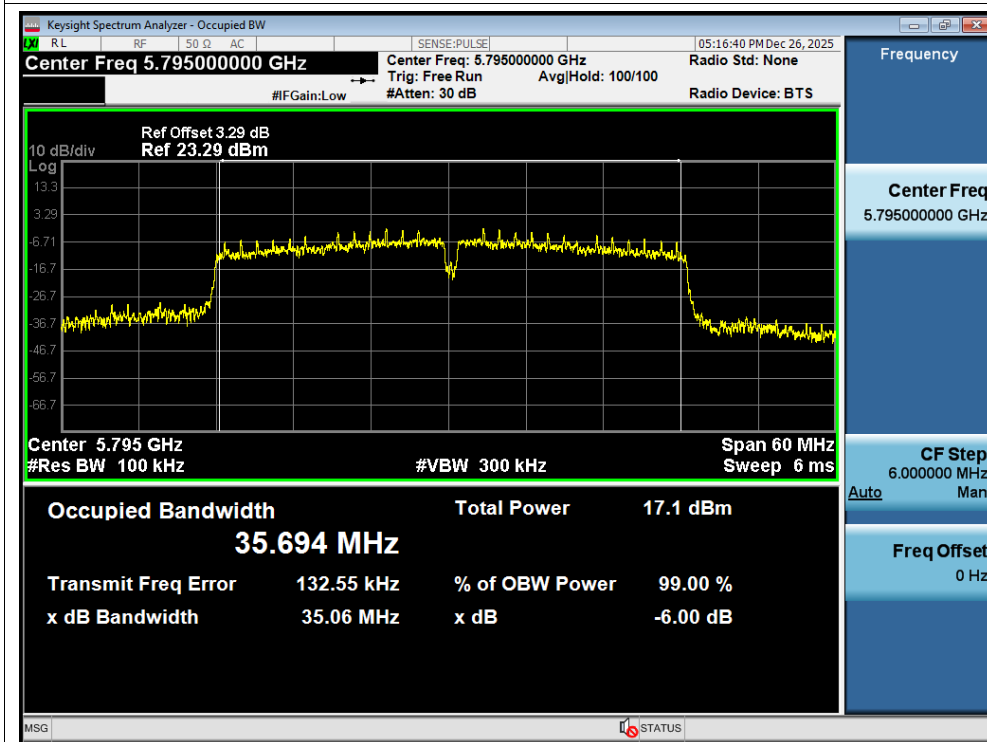
-6dB Bandwidth NVNT n20 5825MHz Ant1



-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1

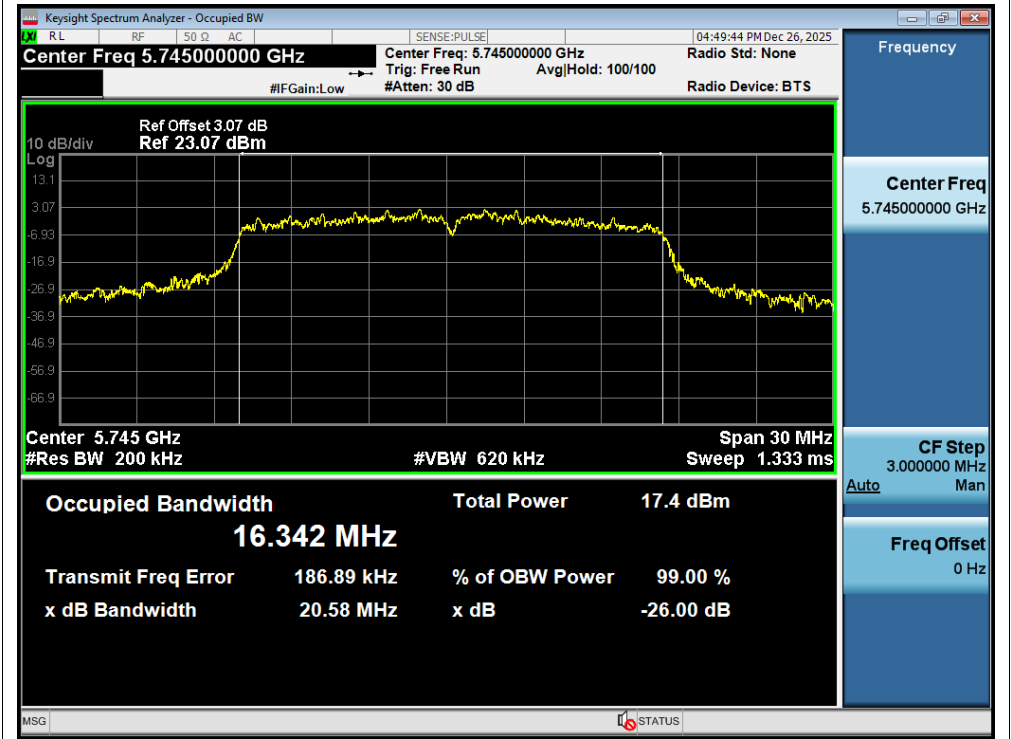


Occupied Channel Bandwidth

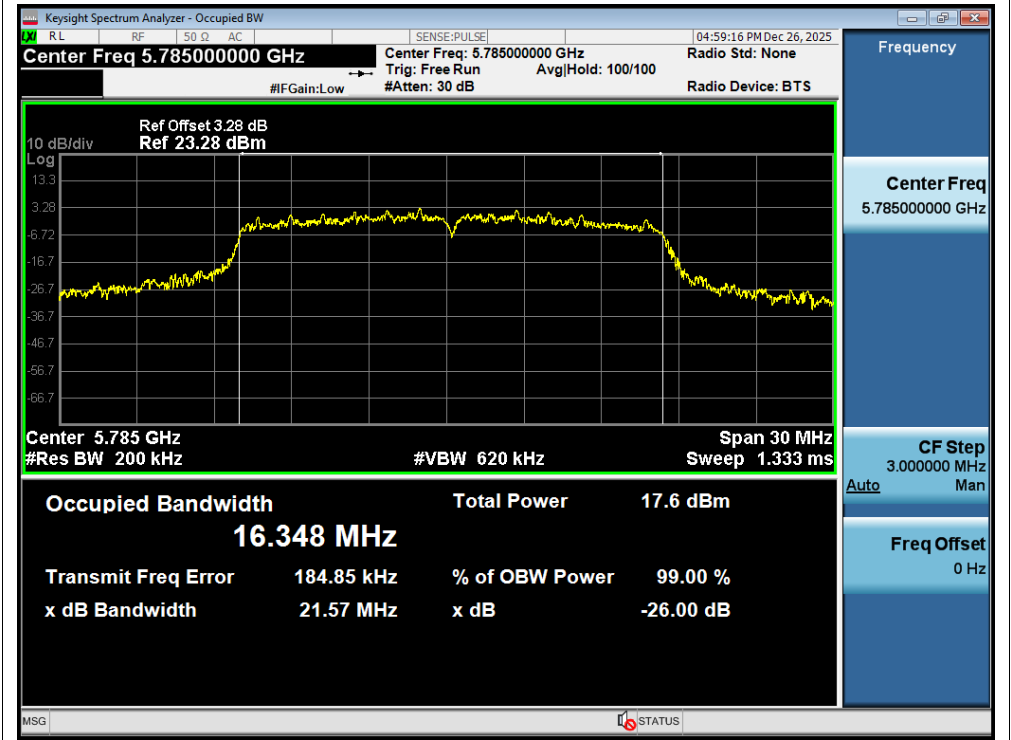
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.342
NVNT	a	5785	Ant1	16.348
NVNT	a	5825	Ant1	16.372
NVNT	n20	5745	Ant1	17.509
NVNT	n20	5785	Ant1	17.524
NVNT	n20	5825	Ant1	17.572
NVNT	n40	5755	Ant1	35.789
NVNT	n40	5795	Ant1	35.762

Test Graphs

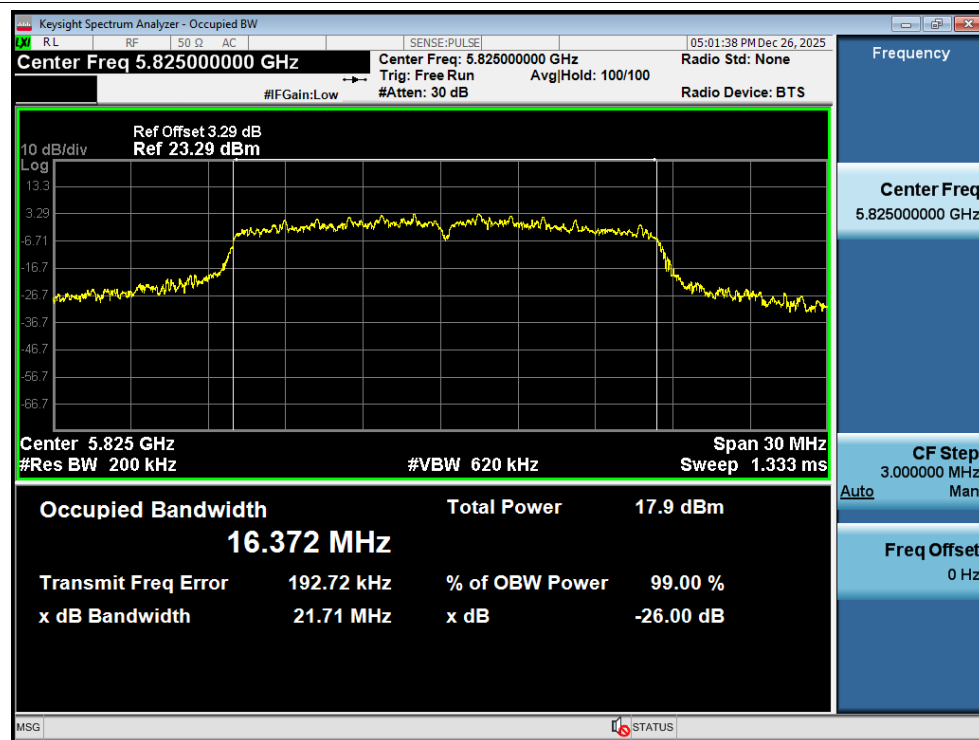
OBW NVNT a 5745MHz Ant1



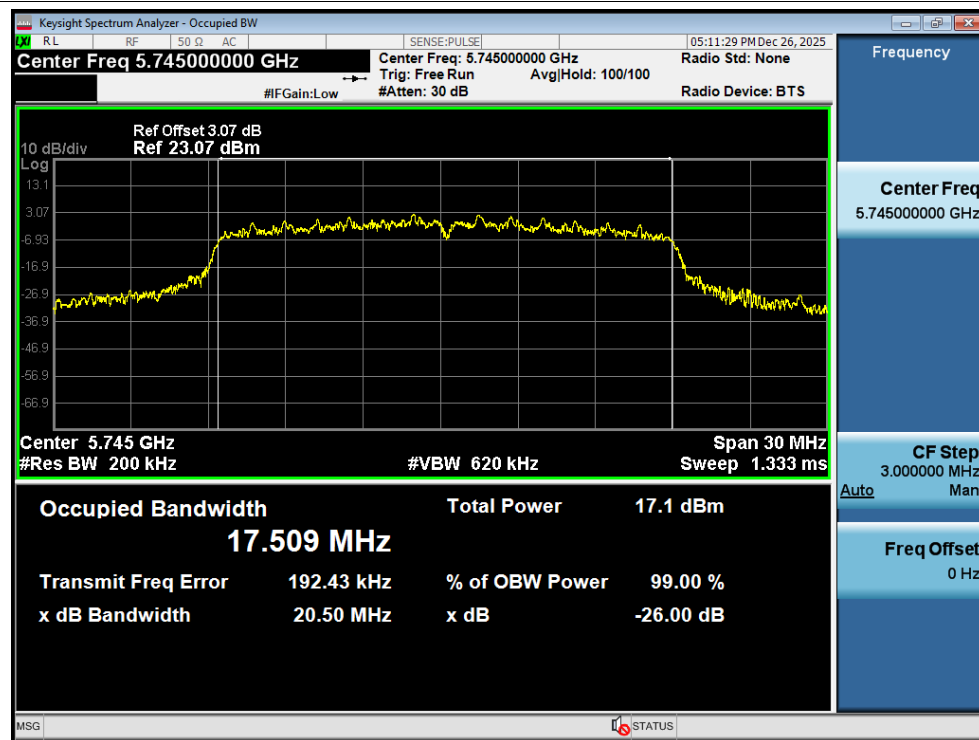
OBW NVNT a 5785MHz Ant1



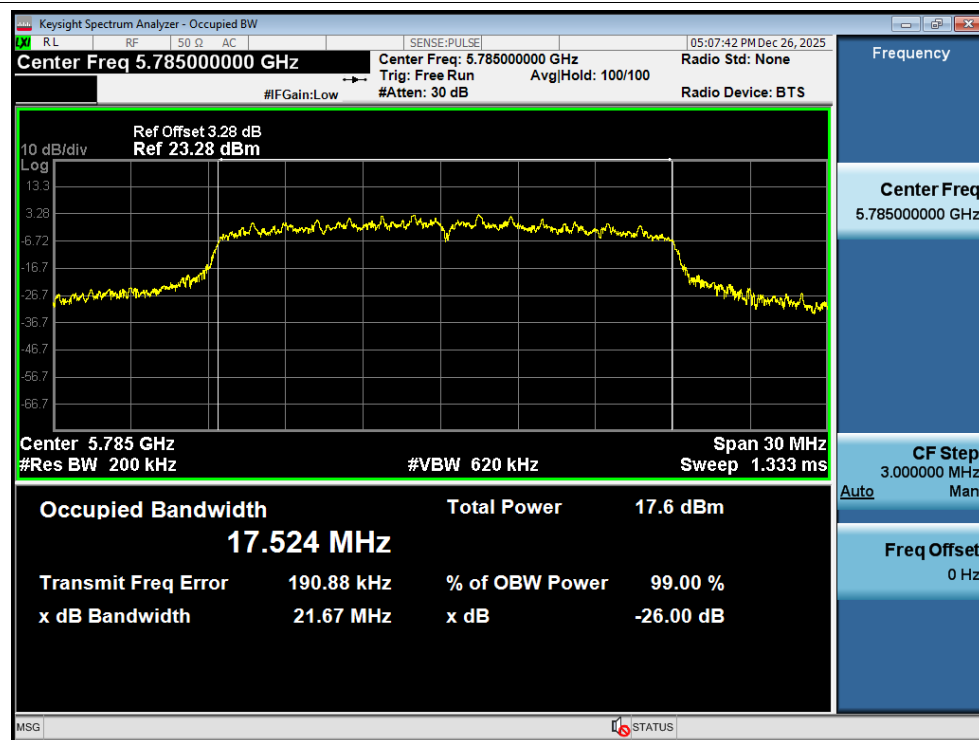
OBW NVNT a 5825MHz Ant1



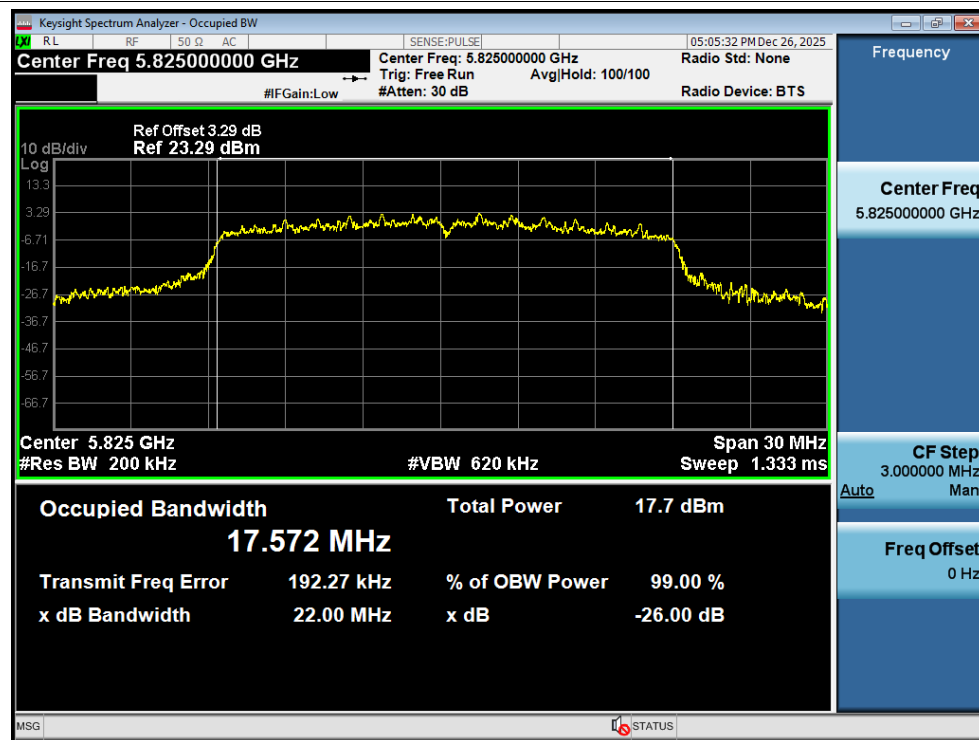
OBW NVNT n20 5745MHz Ant1



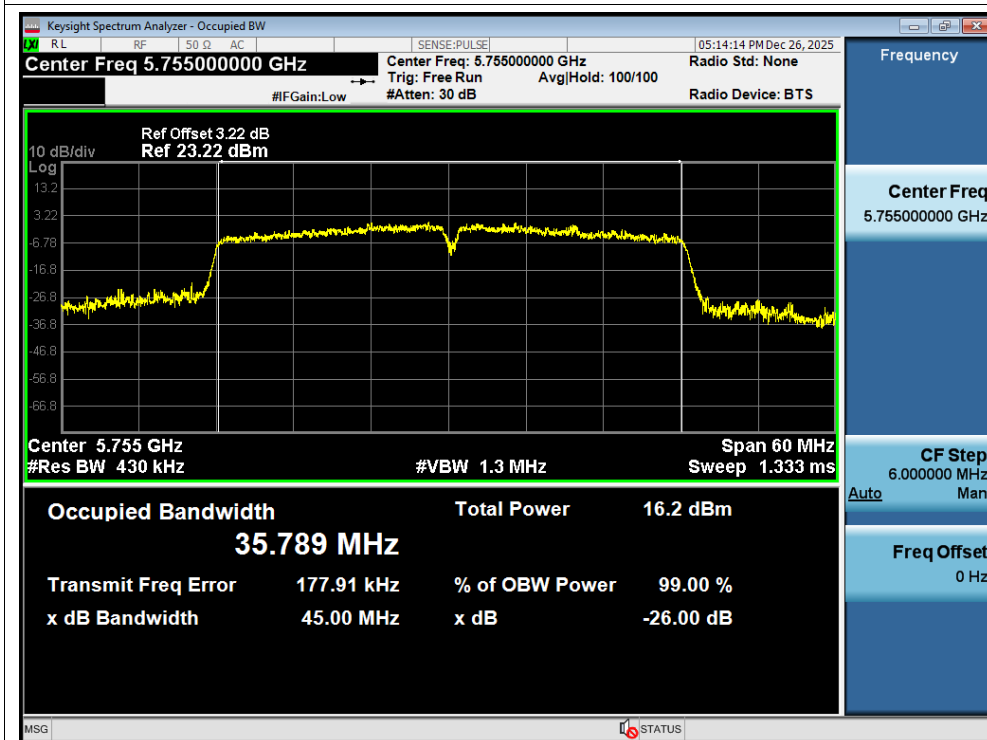
OBW NVNT n20 5785MHz Ant1



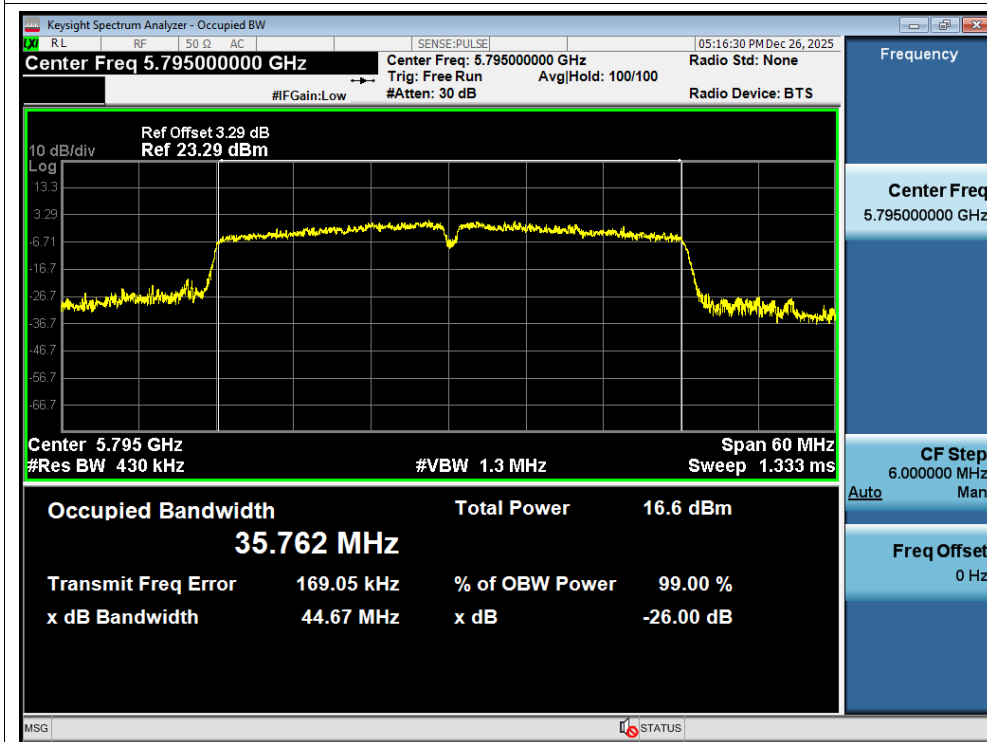
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1

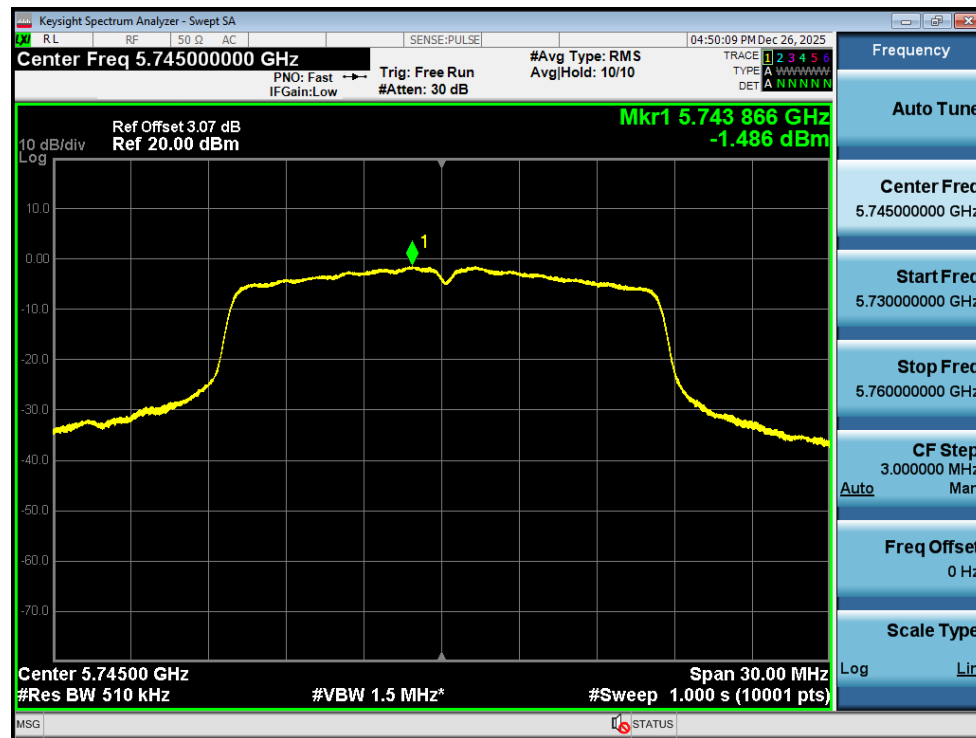


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-1.49	0.37	-1.12	30	Pass
NVNT	a	5785	Ant1	-1.31	0.39	-0.92	30	Pass
NVNT	a	5825	Ant1	-1.08	0.39	-0.69	30	Pass
NVNT	n20	5745	Ant1	-1.51	0.37	-1.14	30	Pass
NVNT	n20	5785	Ant1	-0.94	0.37	-0.57	30	Pass
NVNT	n20	5825	Ant1	-0.93	0.37	-0.56	30	Pass
NVNT	n40	5755	Ant1	-4.28	0.43	-3.85	30	Pass
NVNT	n40	5795	Ant1	-4.26	0.43	-3.83	30	Pass

Test Graphs

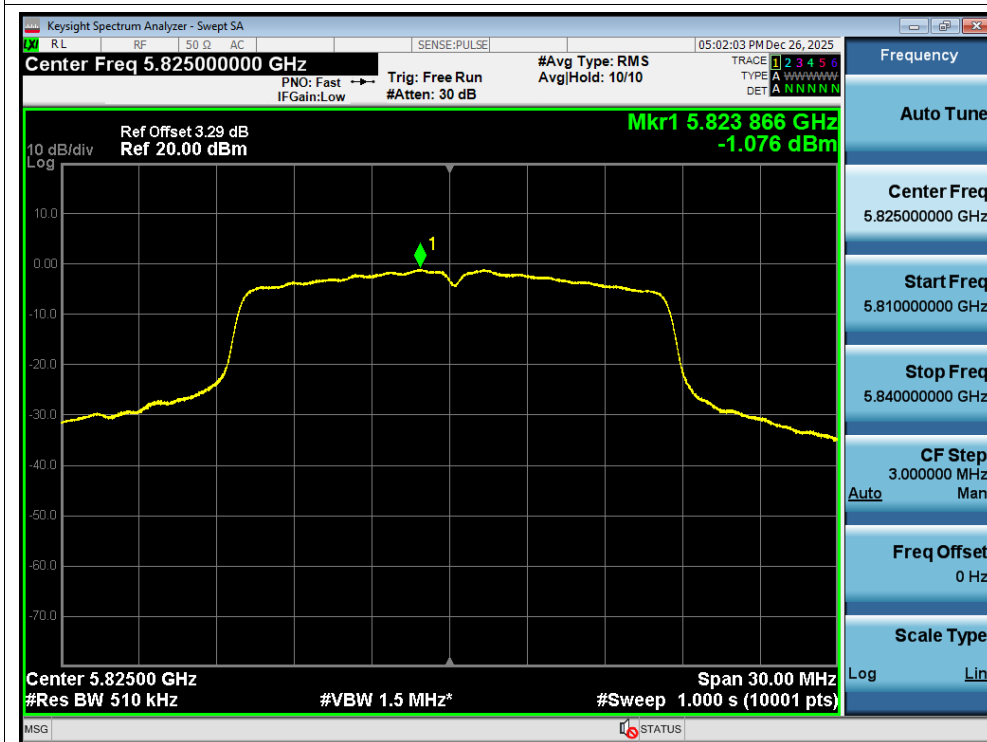
PSD NVNT a 5745MHz Ant1



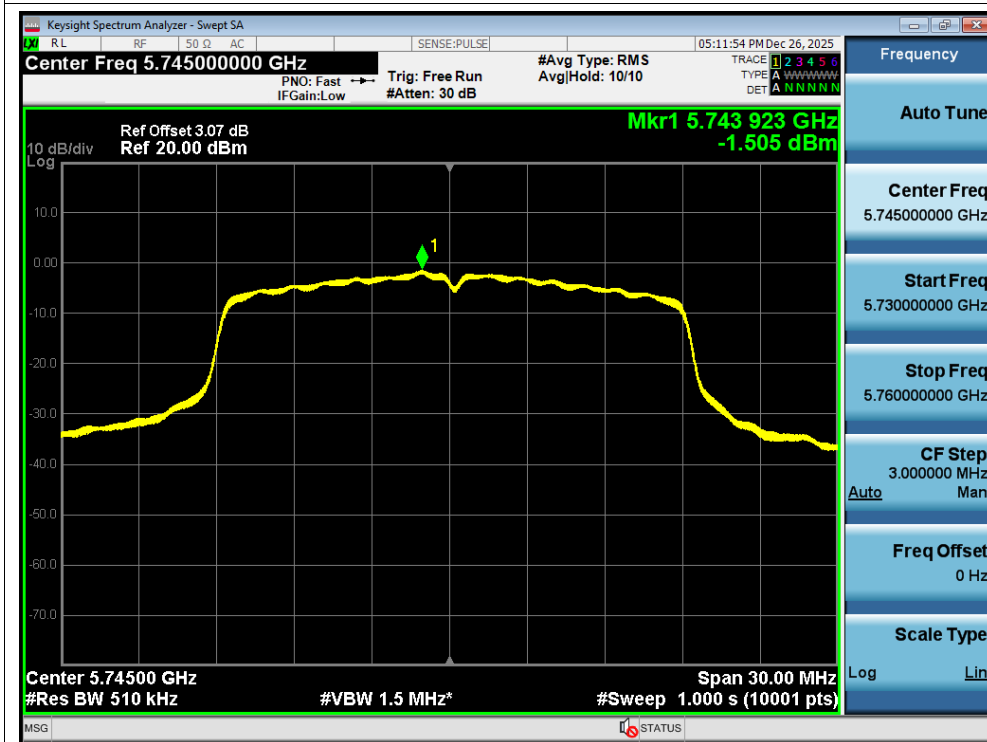
PSD NVNT a 5785MHz Ant1

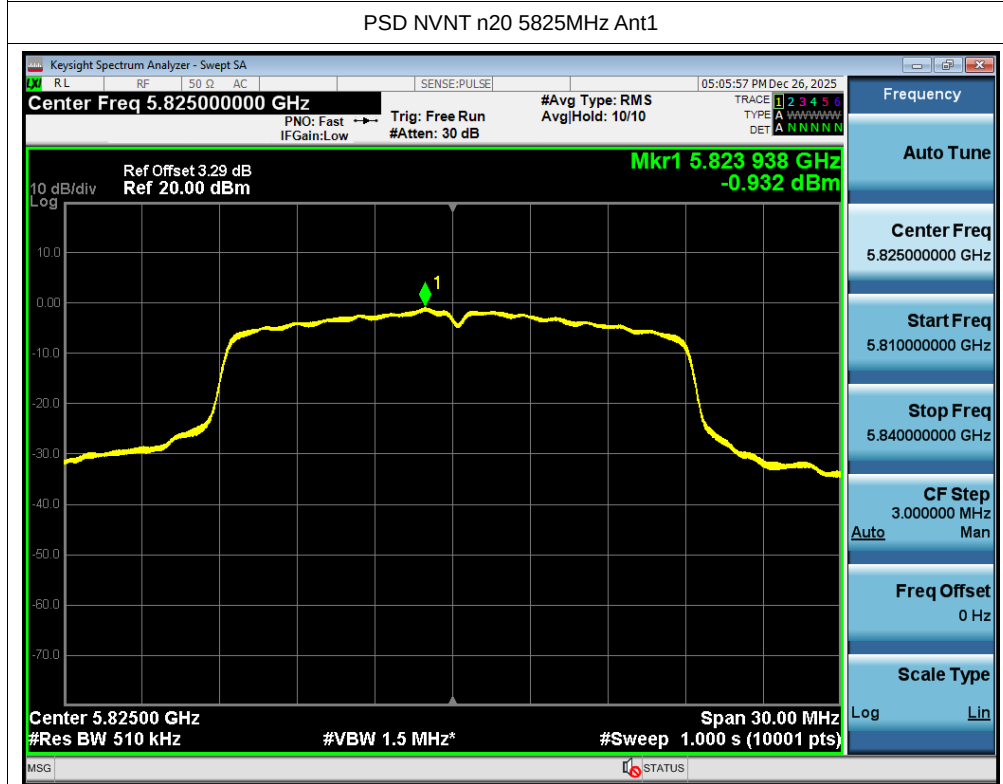
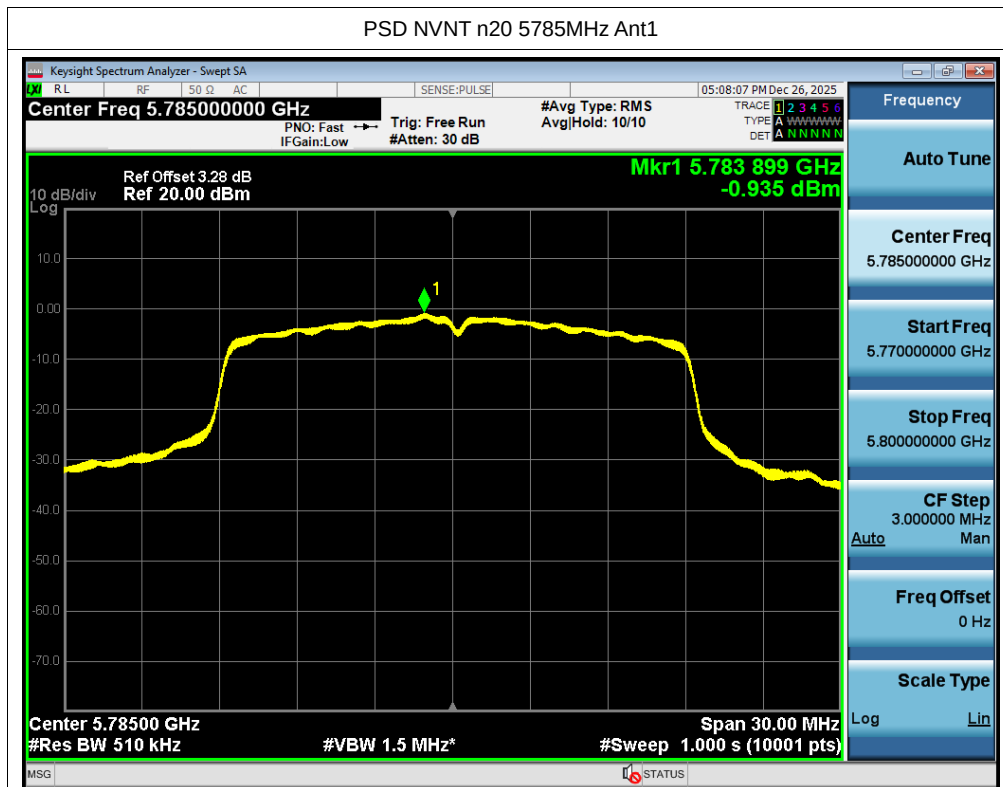


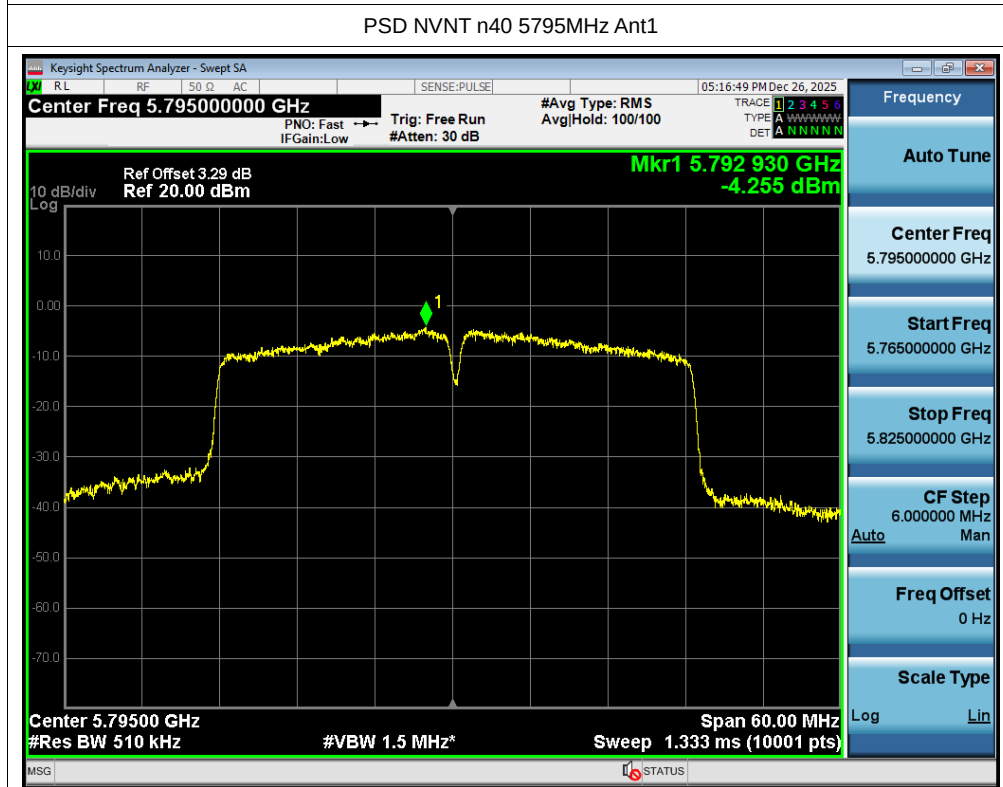
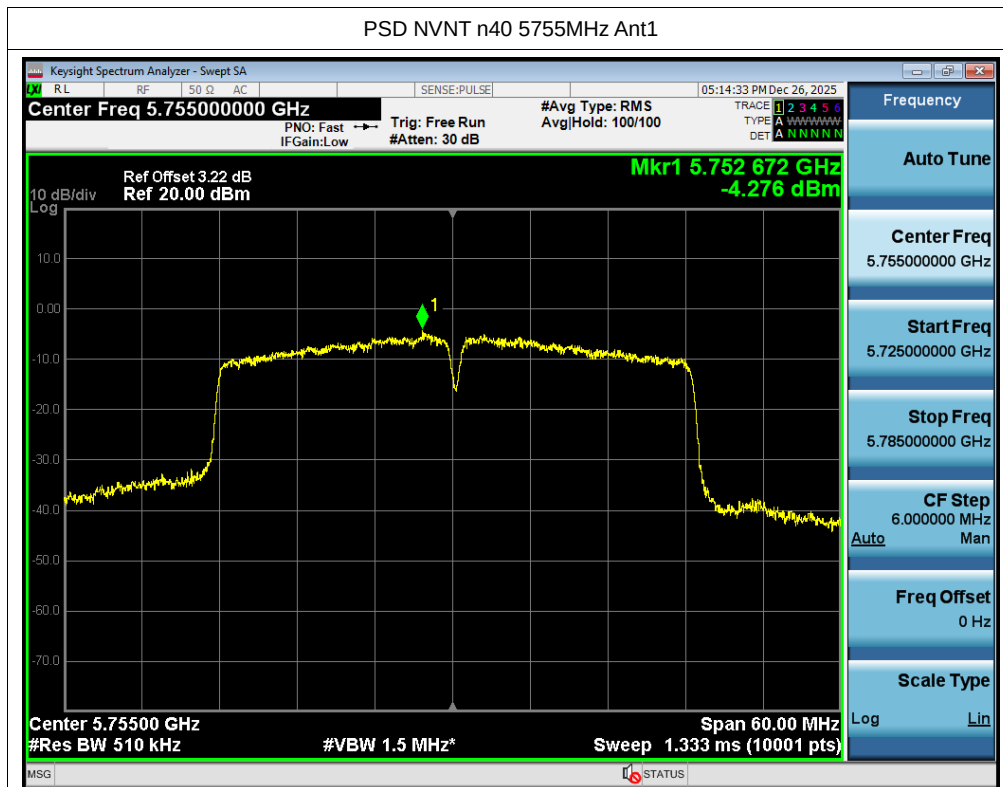
PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1





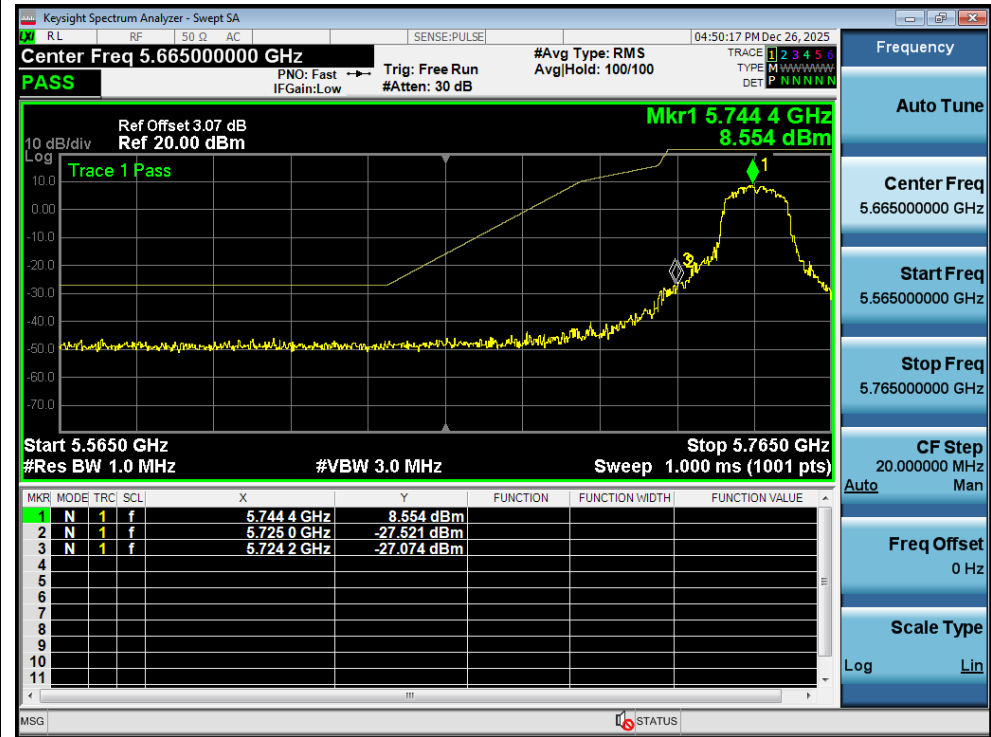


Band Edge

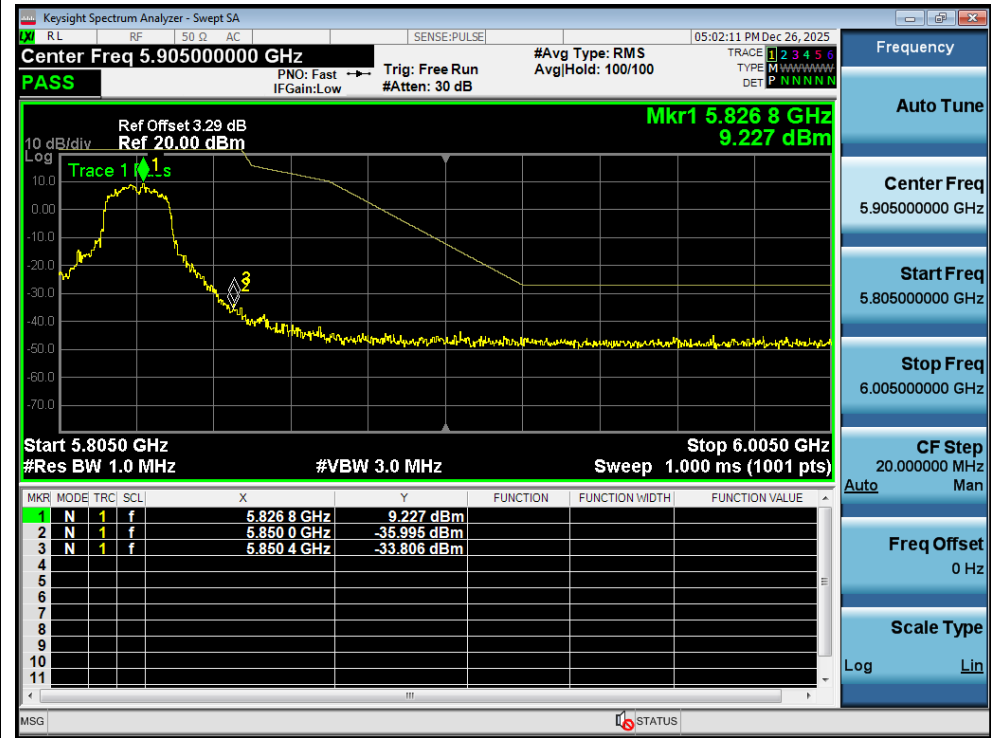
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-27.07	Pass
NVNT	a	5825	Ant1	-33.8	Pass
NVNT	n20	5745	Ant1	-27.22	Pass
NVNT	n20	5825	Ant1	-34.35	Pass
NVNT	n40	5755	Ant1	-24.44	Pass
NVNT	n40	5795	Ant1	-41.67	Pass

Test Graphs

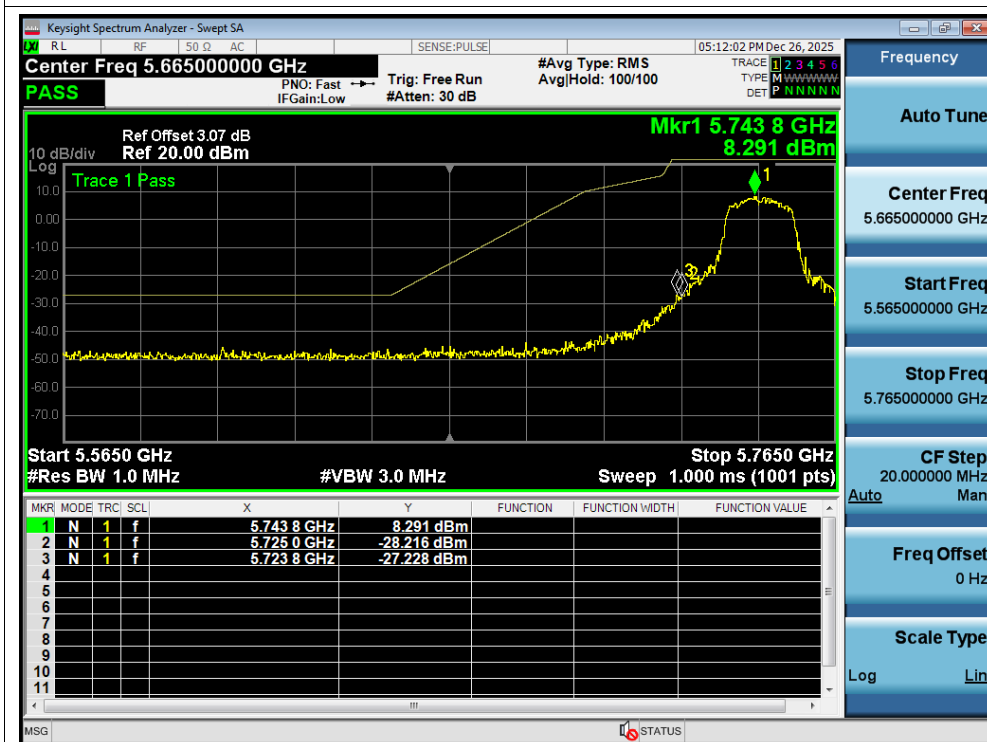
Band Edge NVNT a 5745MHz Low Ant1



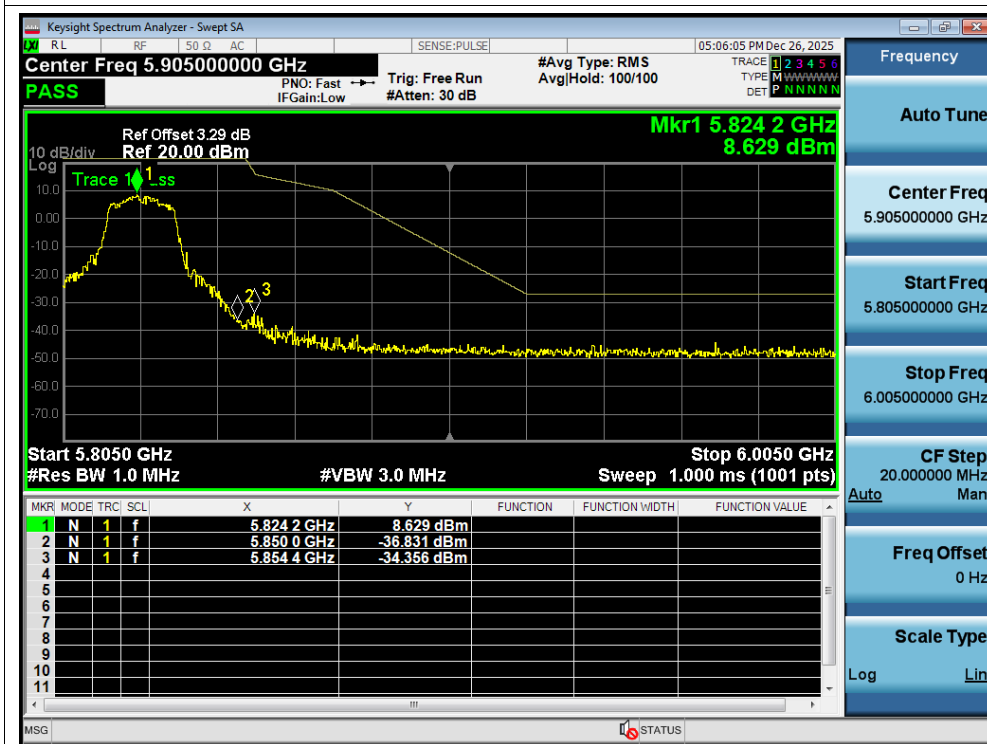
Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1

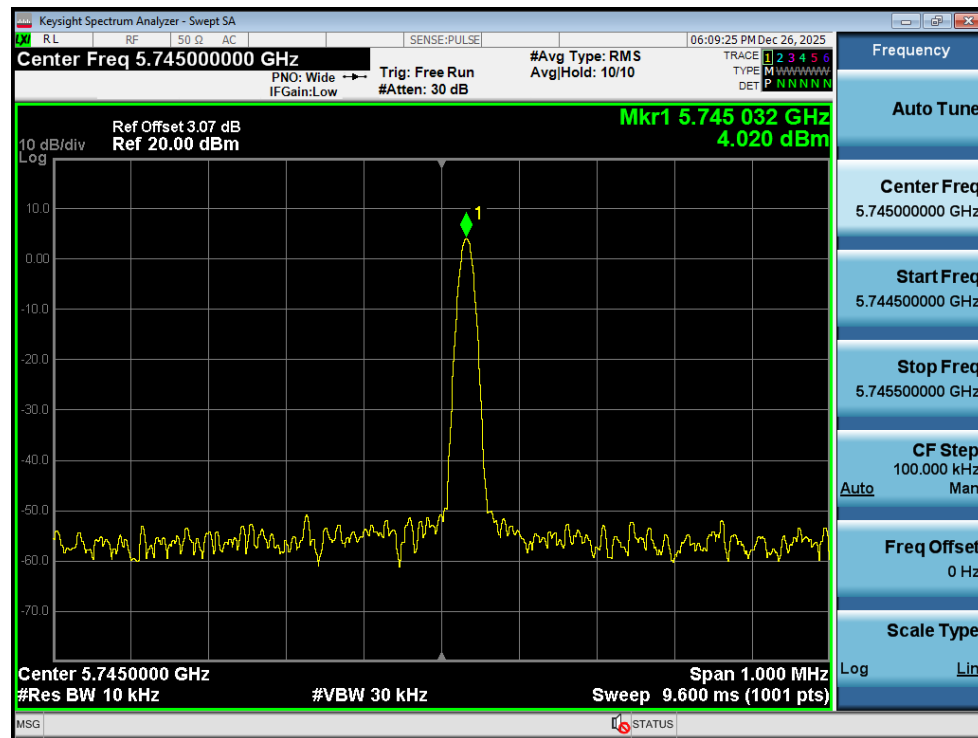


Frequency Stability

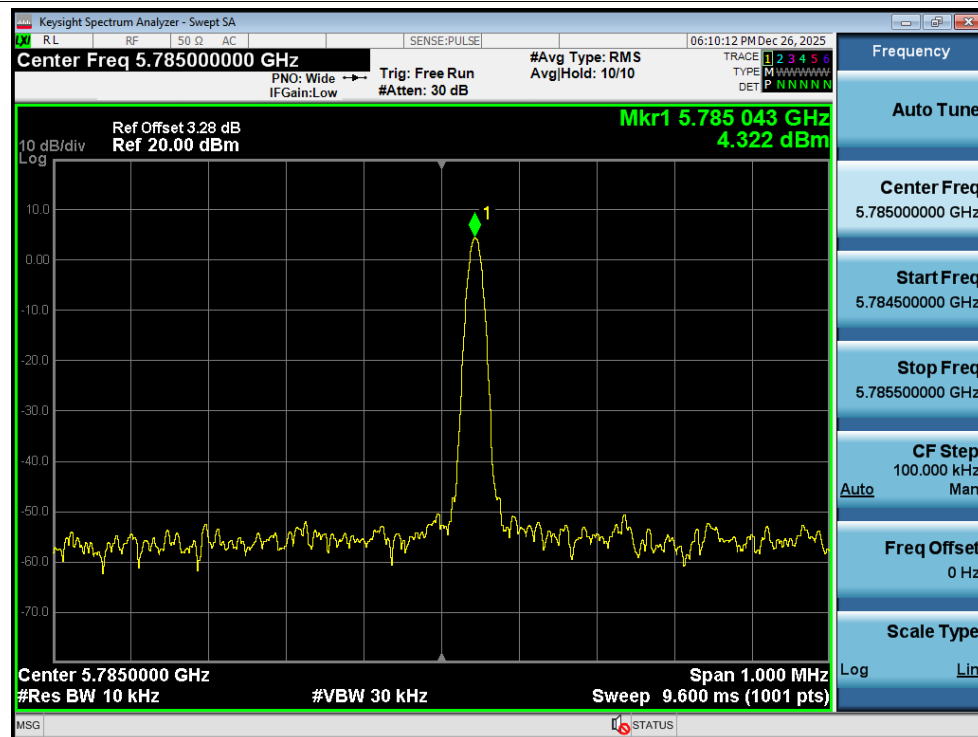
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant1	5745.032	32000	5.57	25	Pass
NVNT	a	5785	Ant1	5785.043	43000	7.43	25	Pass
NVNT	a	5825	Ant1	5825.045	45000	7.73	25	Pass
NVNT	n20	5745	Ant1	5745.039	39000	6.79	25	Pass
NVNT	n20	5785	Ant1	5785.05	50000	8.64	25	Pass
NVNT	n20	5825	Ant1	5825.052	52000	8.93	25	Pass
NVNT	n40	5755	Ant1	5755.059	59000	10.25	25	Pass
NVNT	n40	5795	Ant1	5795.054	54000	9.32	25	Pass

Test Graphs

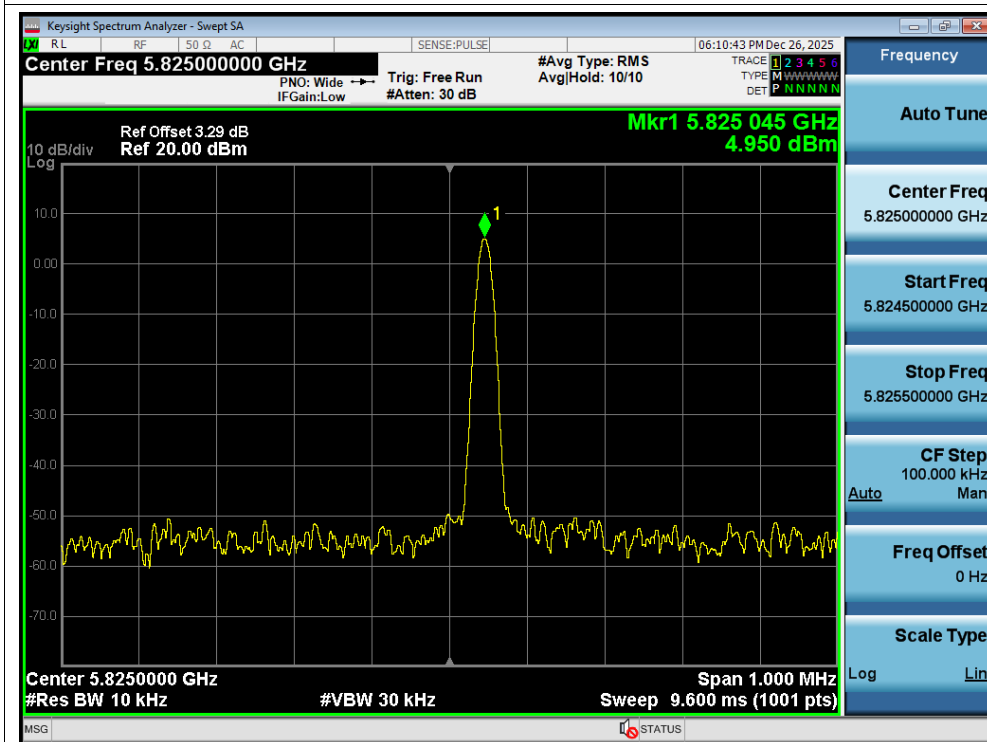
Freq. Stability NVNT a 5745MHz Ant1



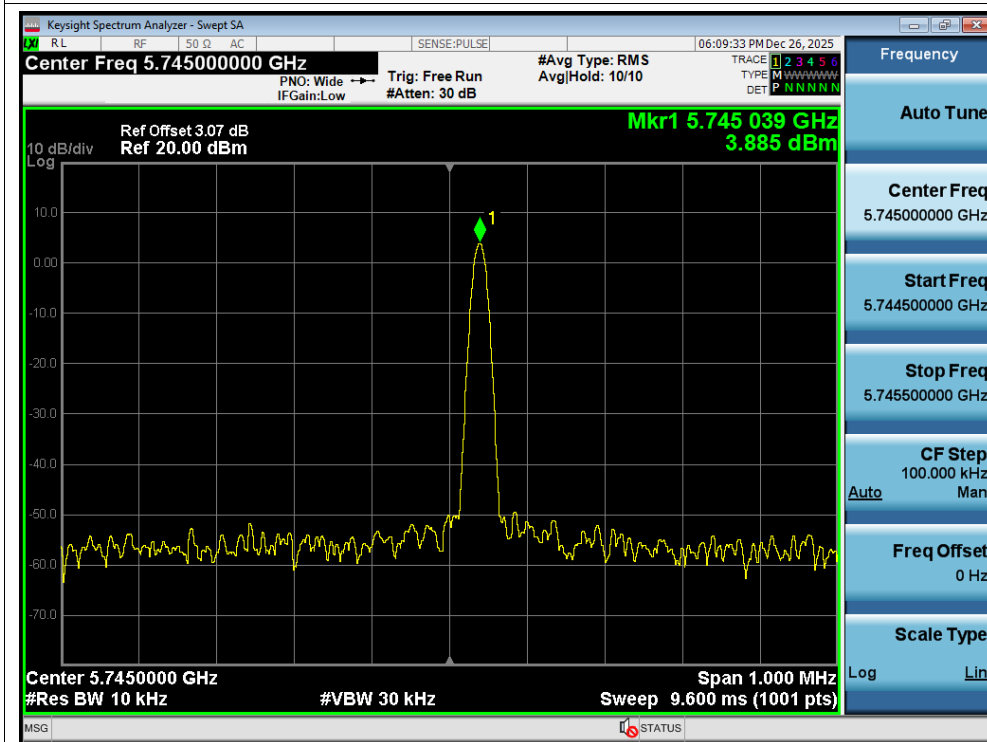
Freq. Stability NVNT a 5785MHz Ant1



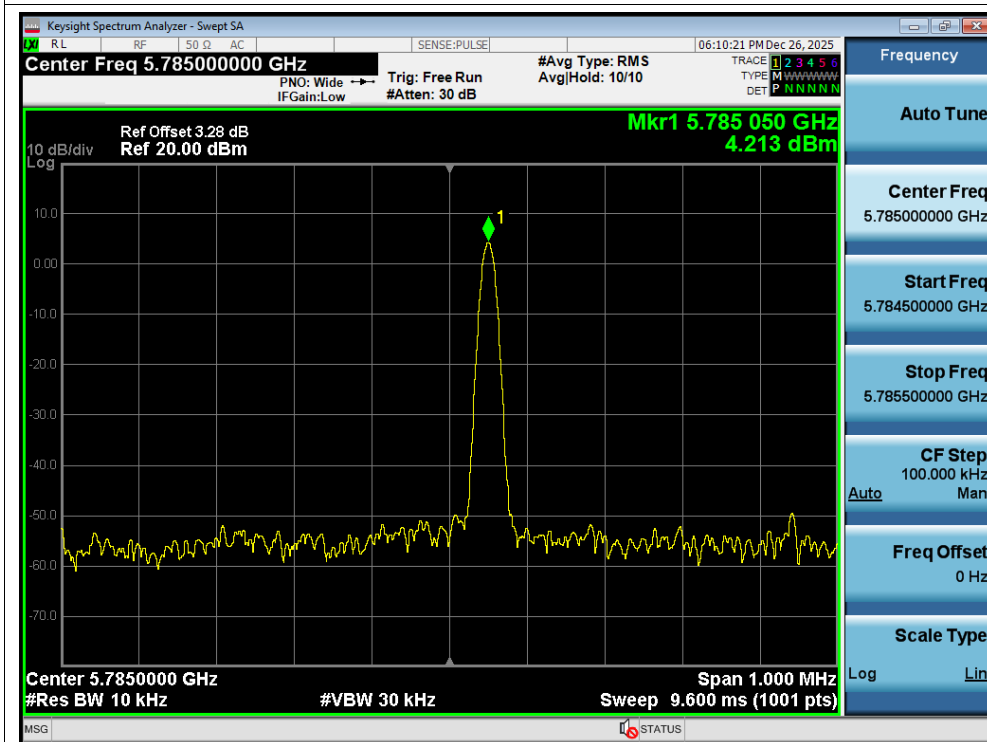
Freq. Stability NVNT a 5825MHz Ant1



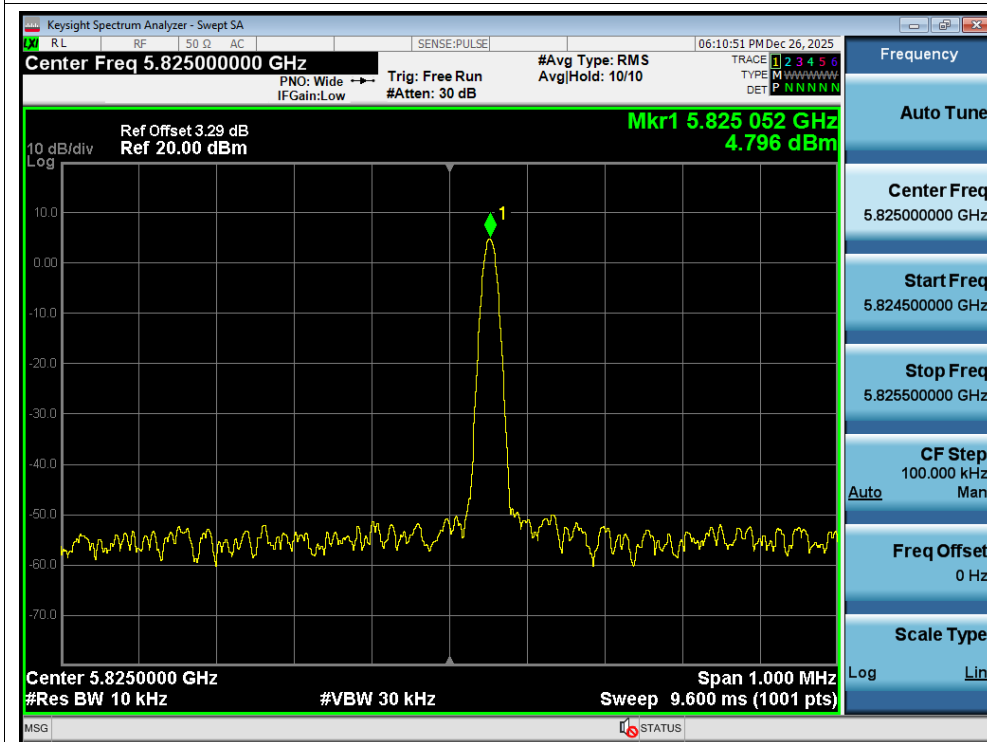
Freq. Stability NVNT n20 5745MHz Ant1



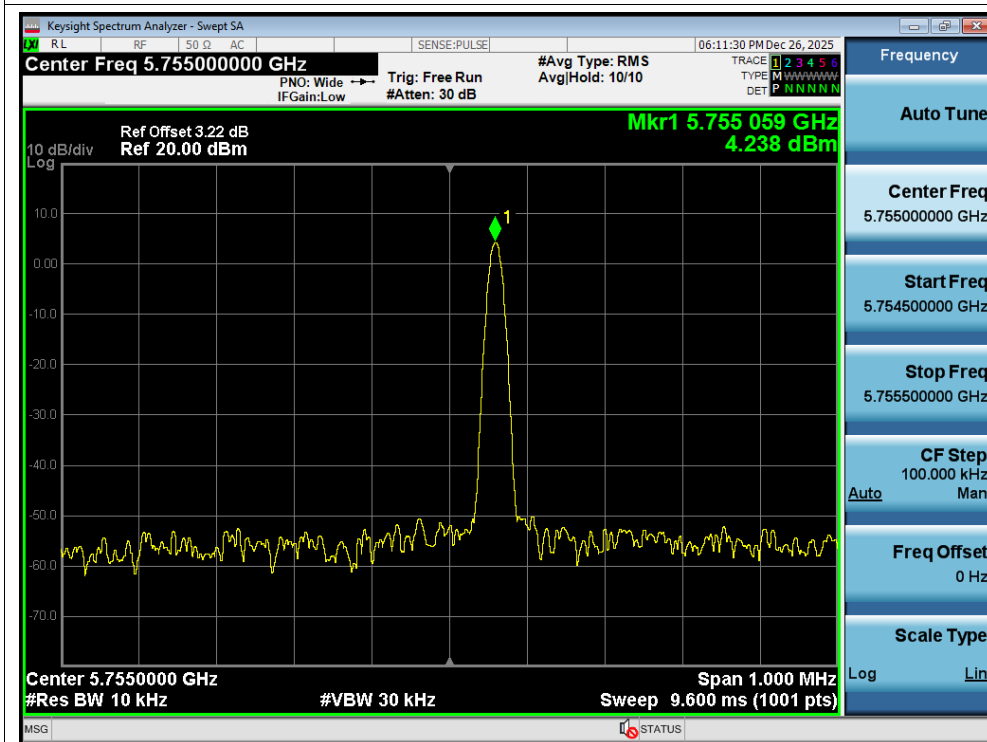
Freq. Stability NVNT n20 5785MHz Ant1



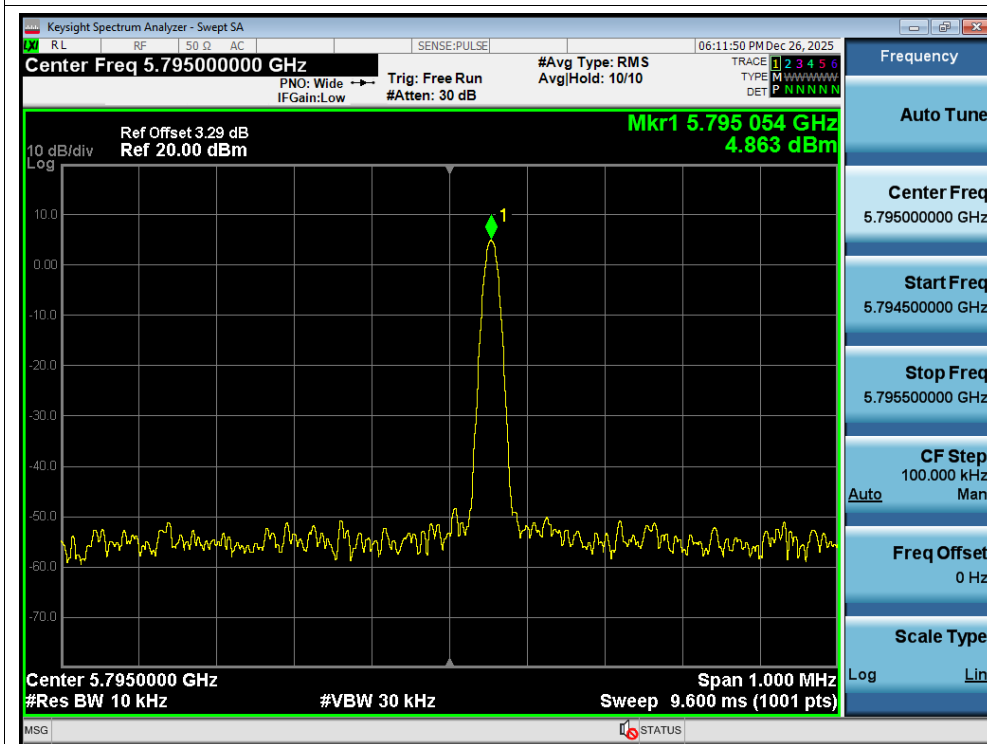
Freq. Stability NVNT n20 5825MHz Ant1



Freq. Stability NVNT n40 5755MHz Ant1



Freq. Stability NVNT n40 5795MHz Ant1

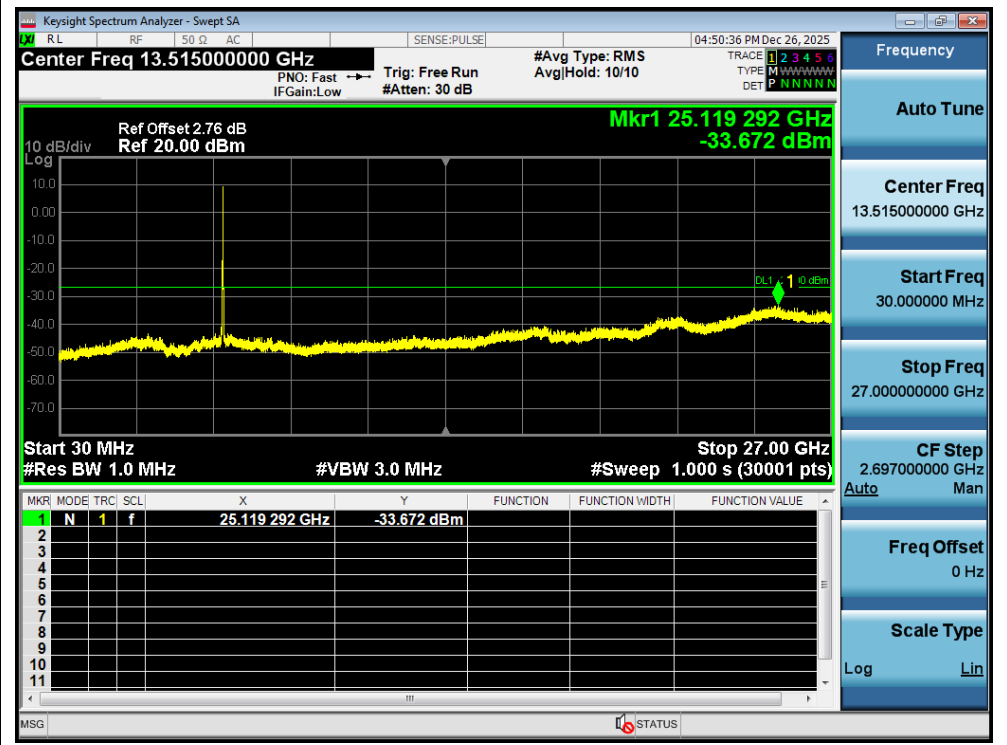


Conducted RF Spurious Emission

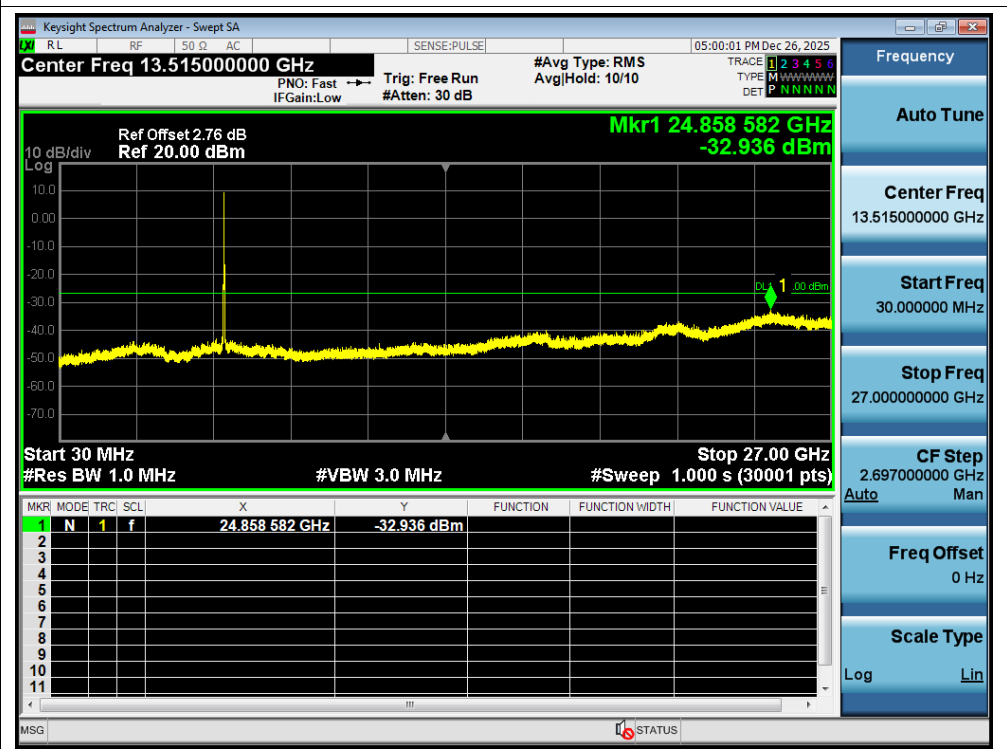
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-33.67	-27	Pass
NVNT	a	5785	Ant1	-32.93	-27	Pass
NVNT	a	5825	Ant1	-33.48	-27	Pass
NVNT	n20	5745	Ant1	-33.6	-27	Pass
NVNT	n20	5785	Ant1	-33.17	-27	Pass
NVNT	n20	5825	Ant1	-33.61	-27	Pass
NVNT	n40	5755	Ant1	-33.68	-27	Pass
NVNT	n40	5795	Ant1	-33.14	-27	Pass

Test Graphs

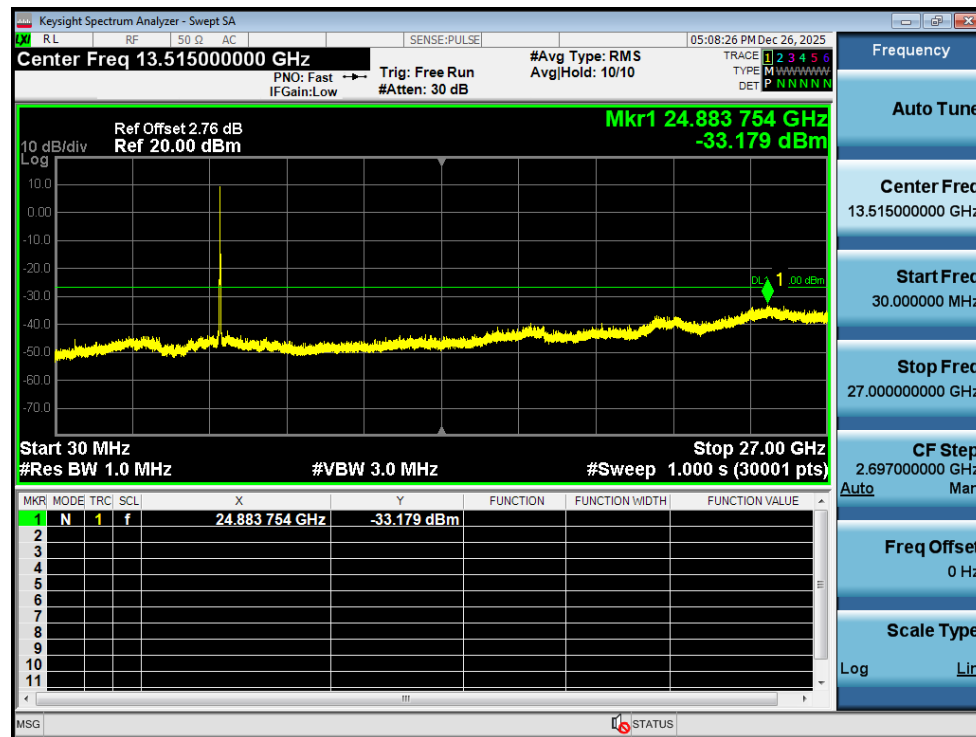
Tx. Spurious NVNT a 5745MHz Ant1 Emission



Tx. Spurious NVNT a 5785MHz Ant1 Emission



Tx. Spurious NVNT n20 5785MHz Ant1 Emission



Tx. Spurious NVNT n20 5825MHz Ant1 Emission

