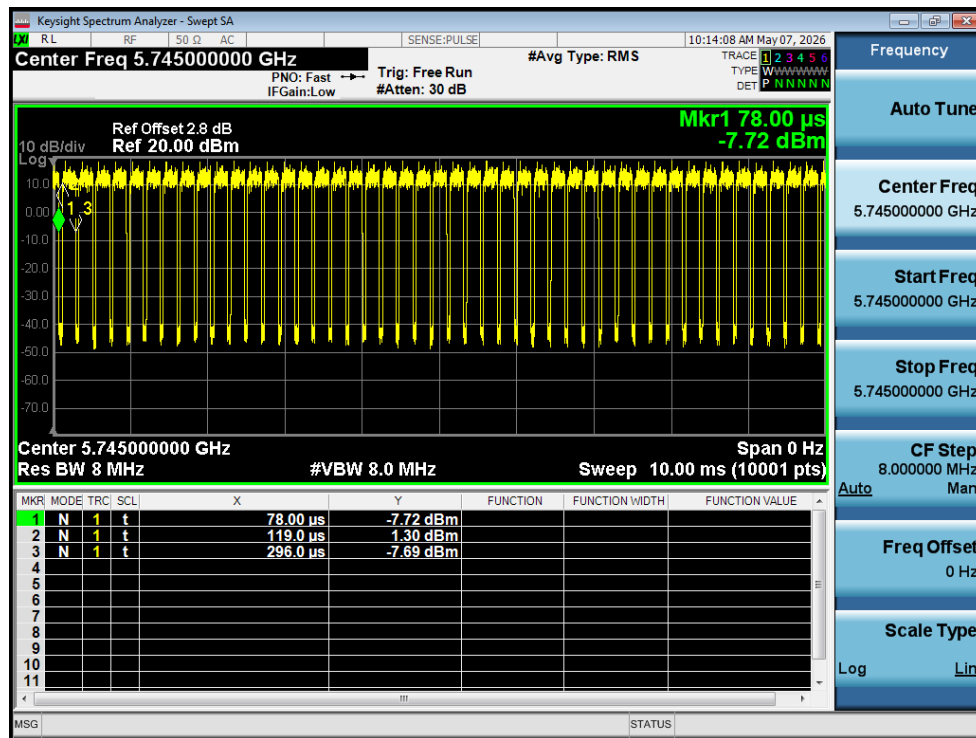


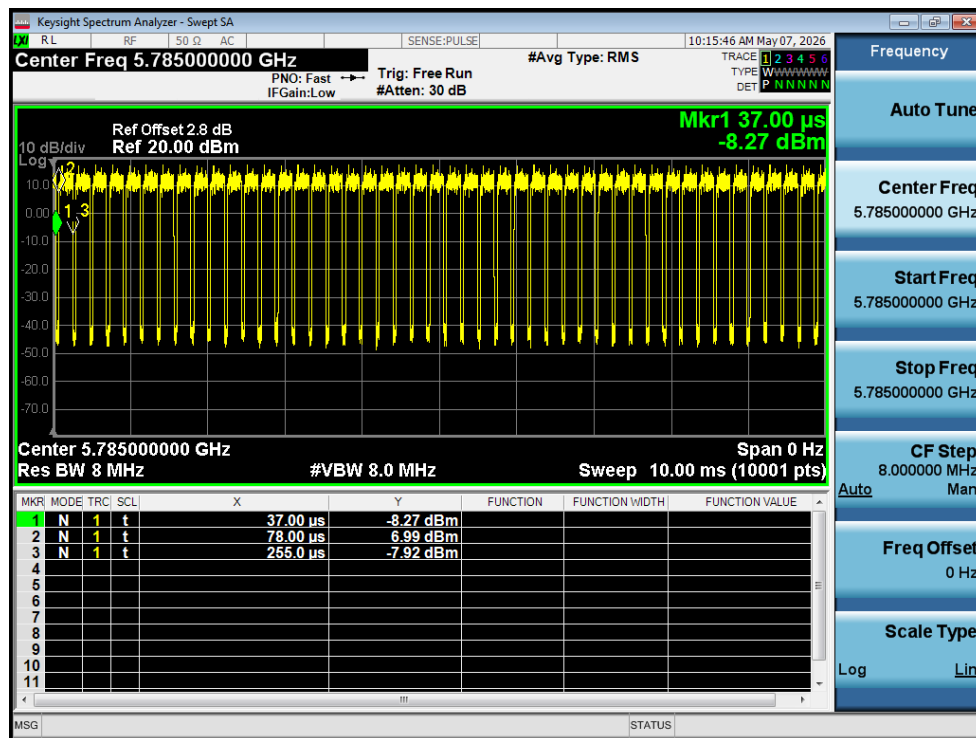
Test Data Appendix of Test Report

1. Duty Cycle

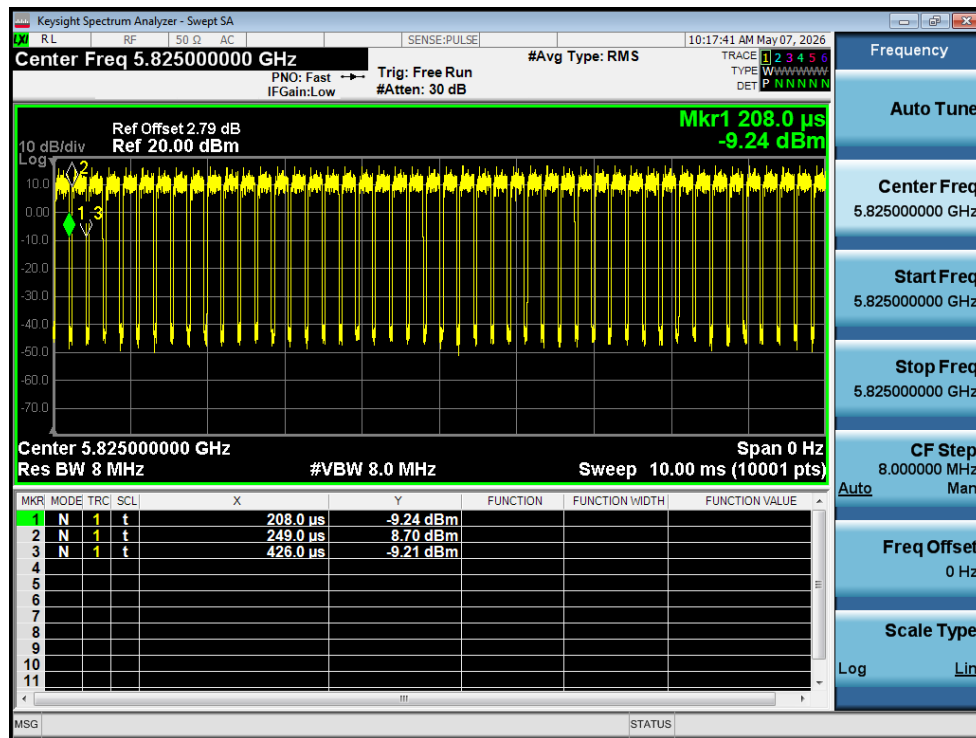
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	81.19	0.9	5.65
NVNT	a	5785	Ant1	81.19	0.9	5.65
NVNT	a	5825	Ant1	81.19	0.9	5.65
NVNT	n20	5745	Ant1	80.1	0.96	6.06
NVNT	n20	5785	Ant1	80.1	0.96	6.06
NVNT	n20	5825	Ant1	80.1	0.96	6.06
NVNT	n40	5755	Ant1	71.43	1.46	10
NVNT	n40	5795	Ant1	71.83	1.44	9.8
NVNT	ac20	5745	Ant1	78.84	1.03	6.71
NVNT	ac20	5785	Ant1	78.42	1.06	6.71
NVNT	ac20	5825	Ant1	78.42	1.06	6.71
NVNT	ac40	5755	Ant1	69.23	1.6	11.11
NVNT	ac40	5795	Ant1	69.23	1.6	11.11
NVNT	ac80	5775	Ant1	61.54	2.11	15.63



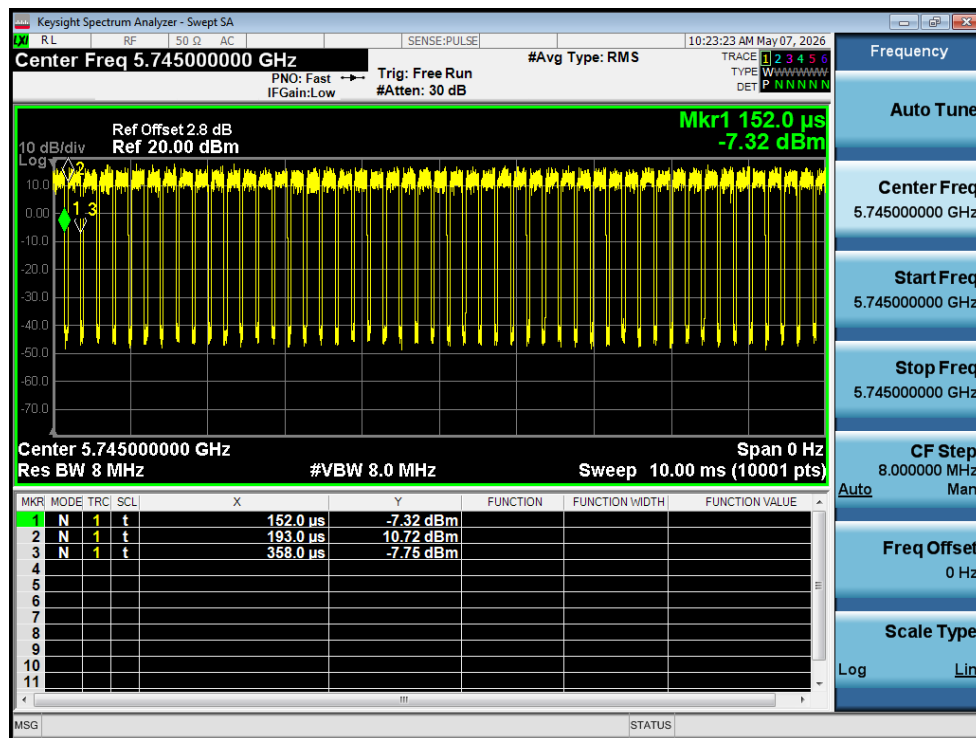
Duty Cycle NVNT a 5745MHz Ant1



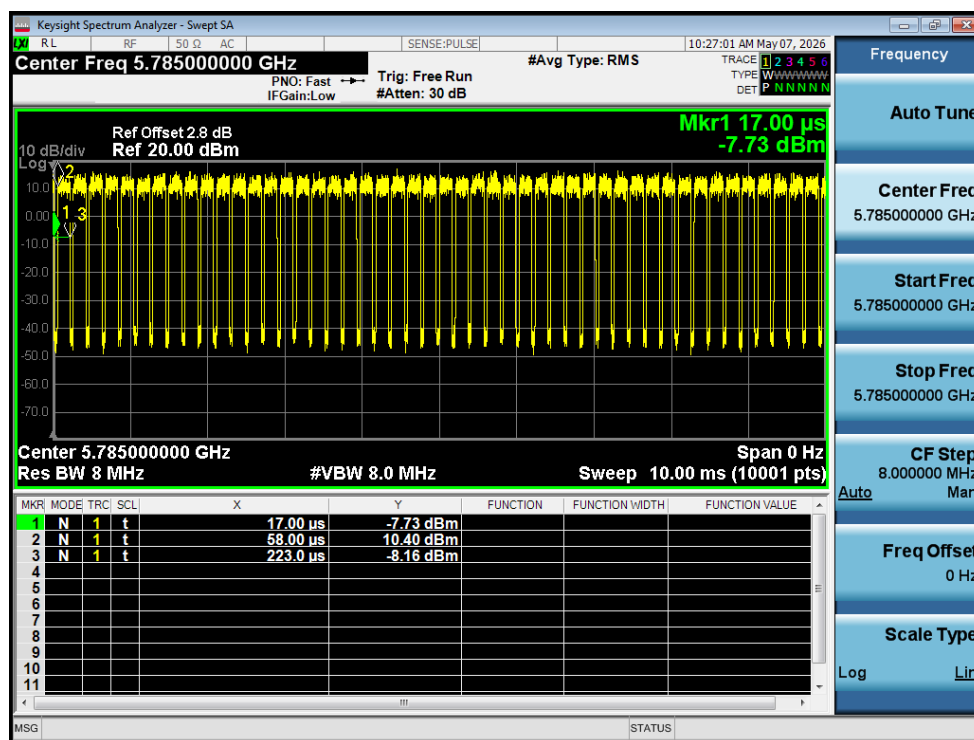
Duty Cycle NVNT a 5785MHz Ant1



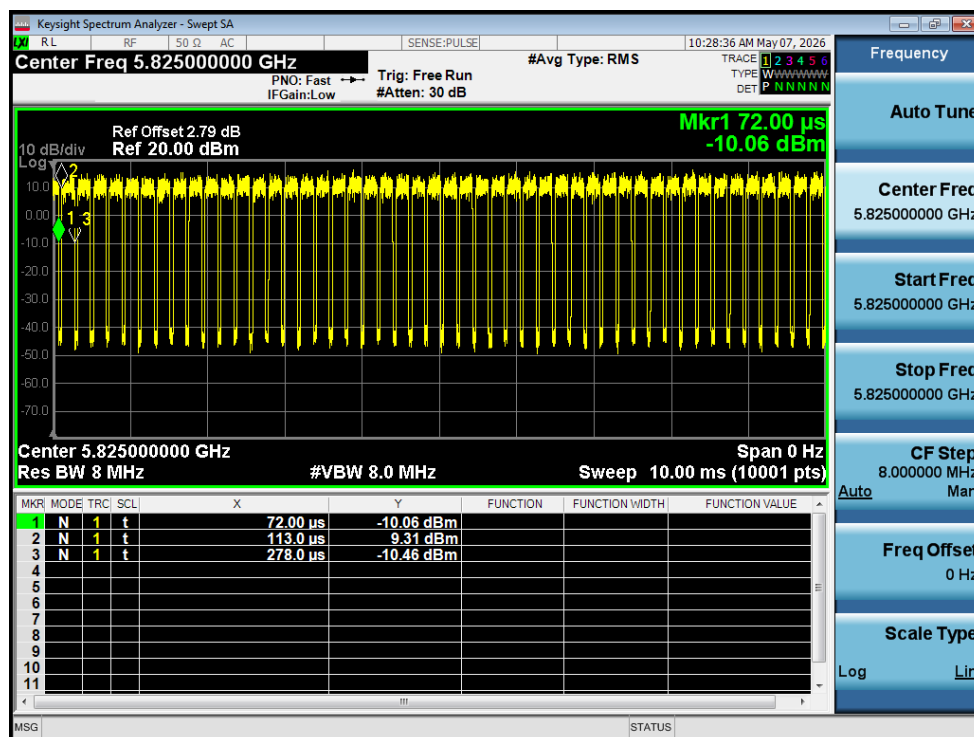
Duty Cycle NVNT a 5825MHz Ant1



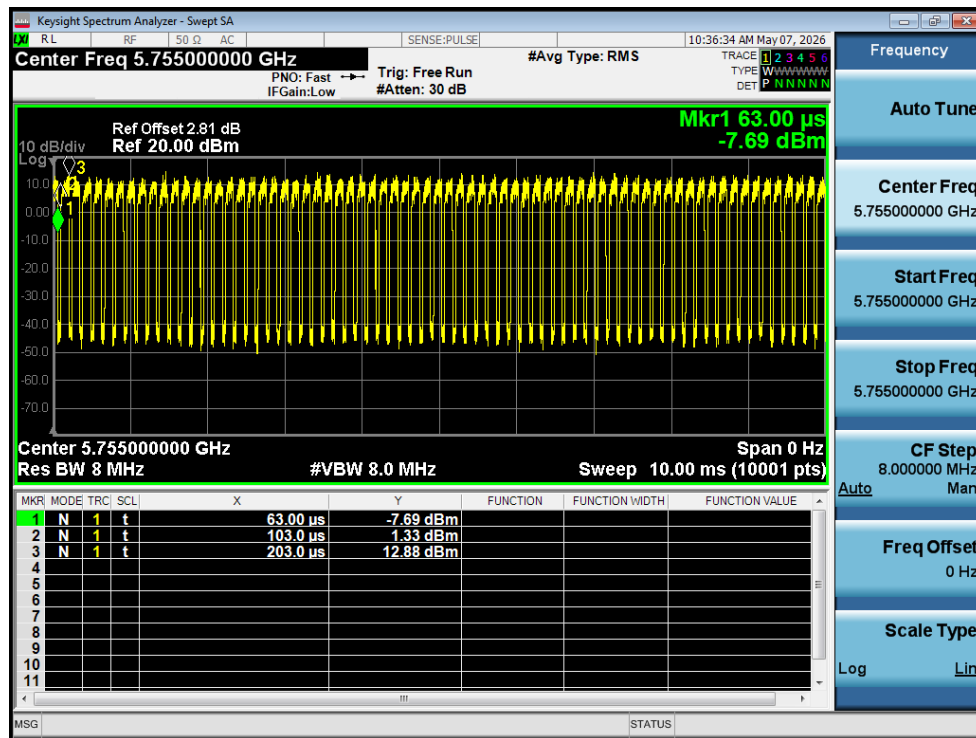
Duty Cycle NVNT n20 5745MHz Ant1



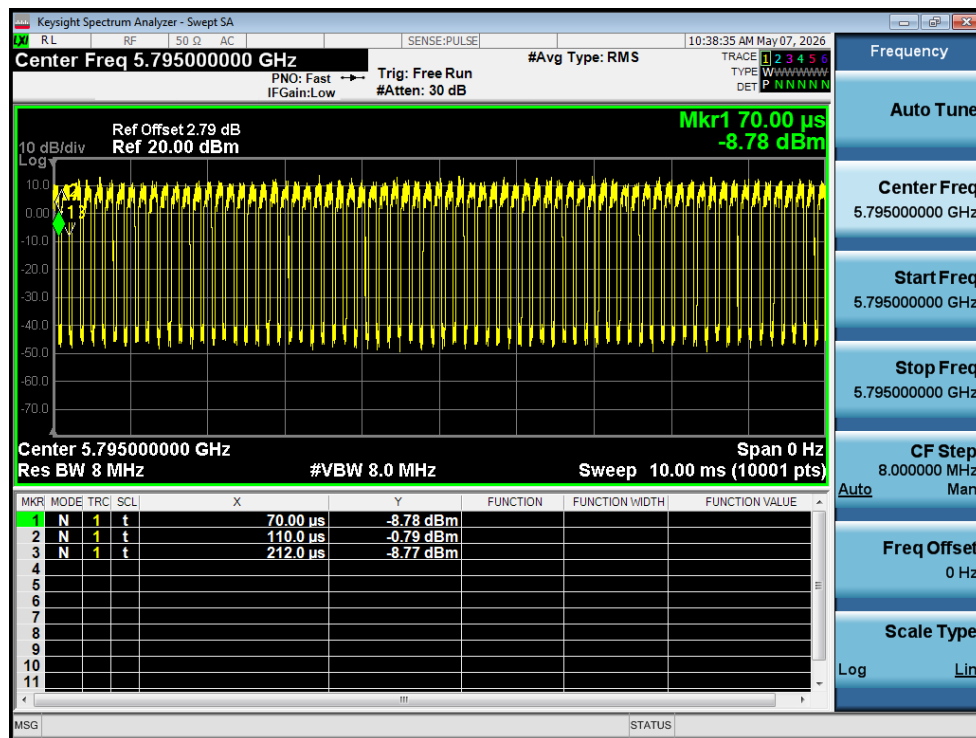
Duty Cycle NVNT n20 5785MHz Ant1



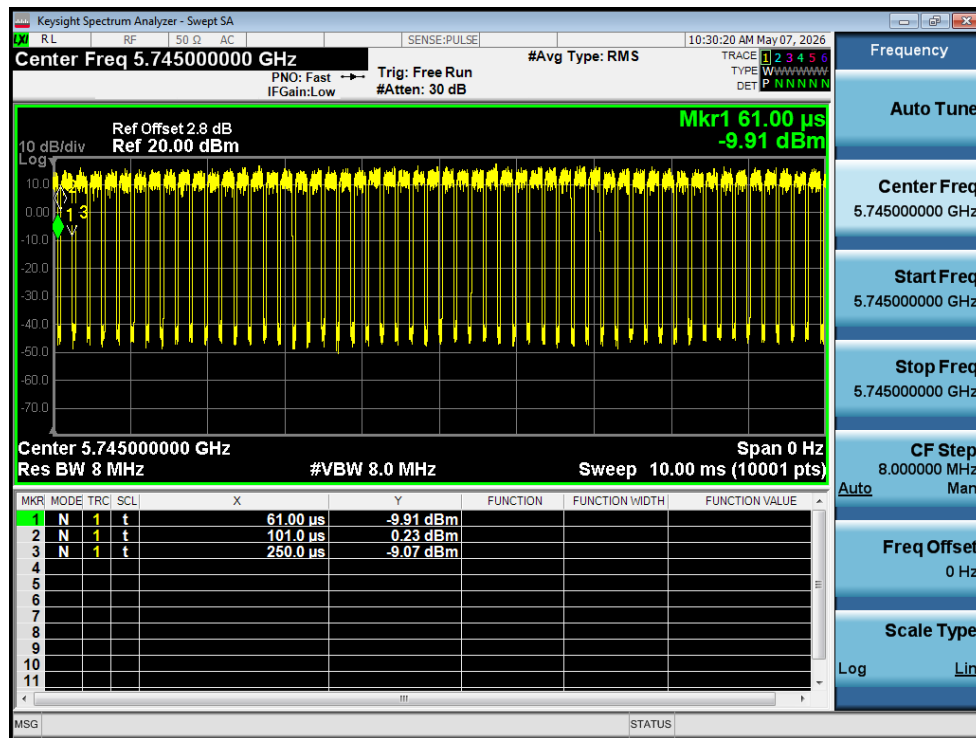
Duty Cycle NVNT n20 5825MHz Ant1



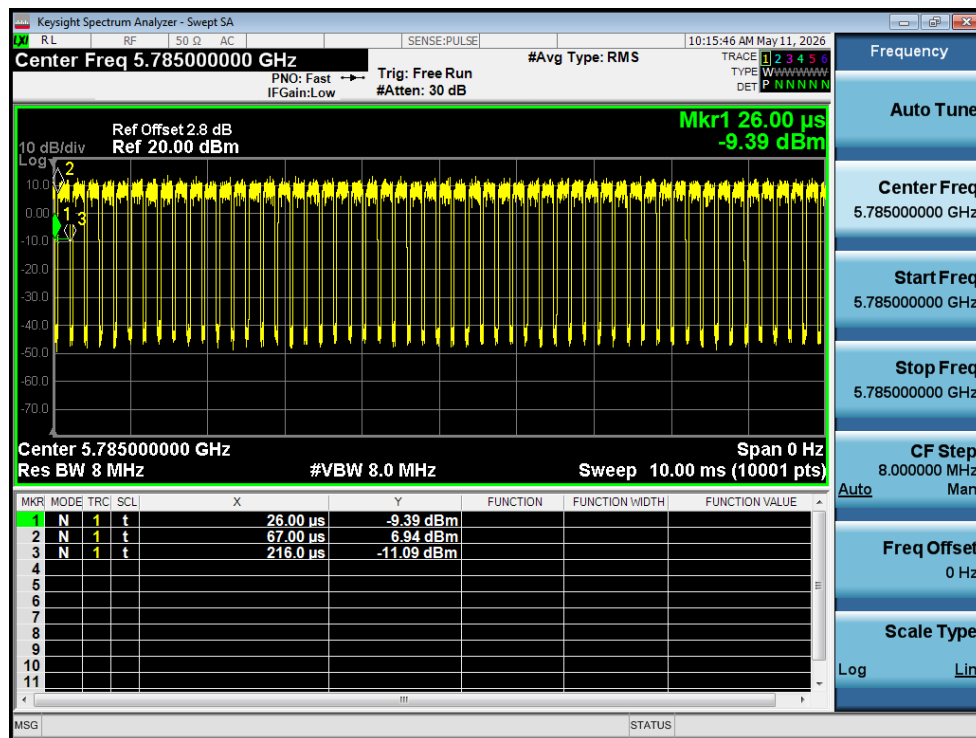
Duty Cycle NVNT n40 5755MHz Ant1



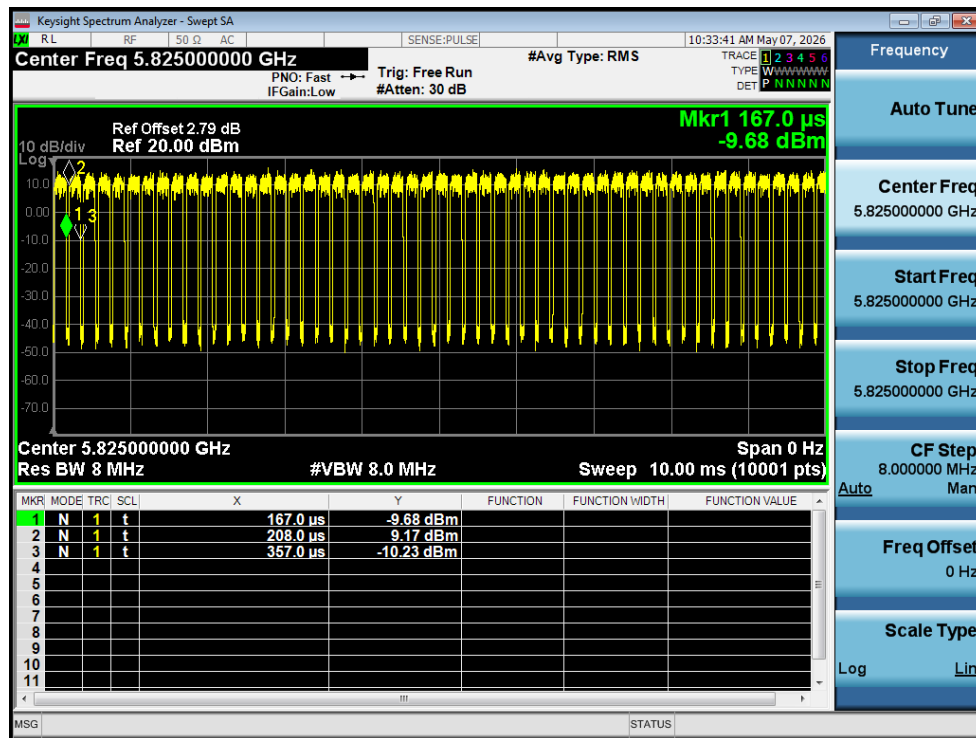
Duty Cycle NVNT n40 5795MHz Ant1



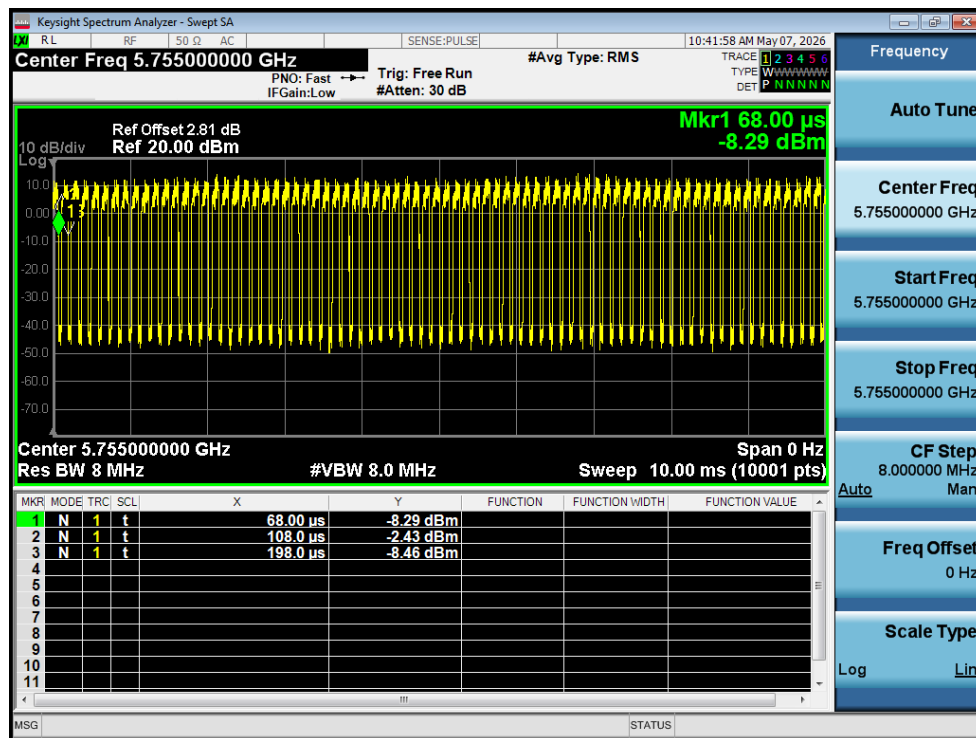
Duty Cycle NVNT ac20 5745MHz Ant1



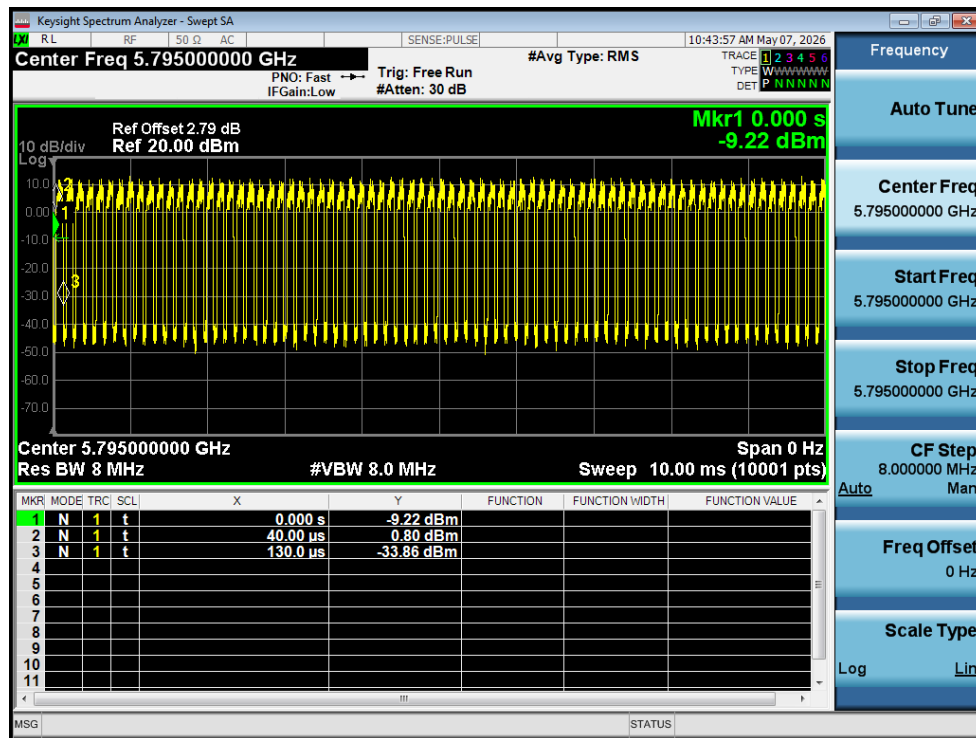
Duty Cycle NVNT ac20 5785MHz Ant1



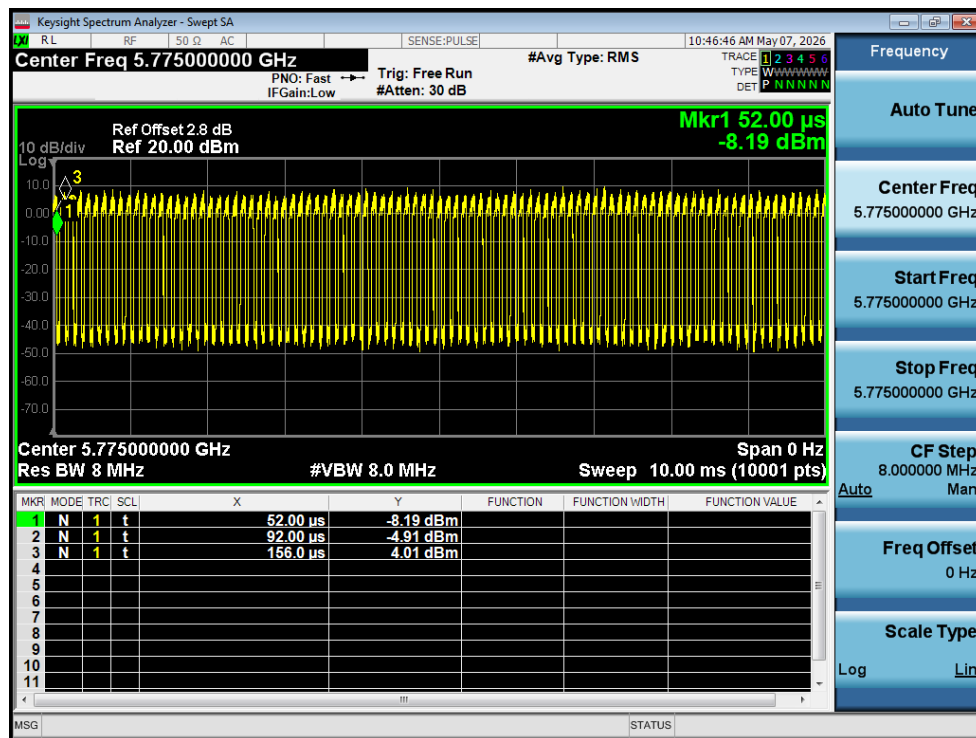
Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1



Duty Cycle NVNT ac40 5795MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant1

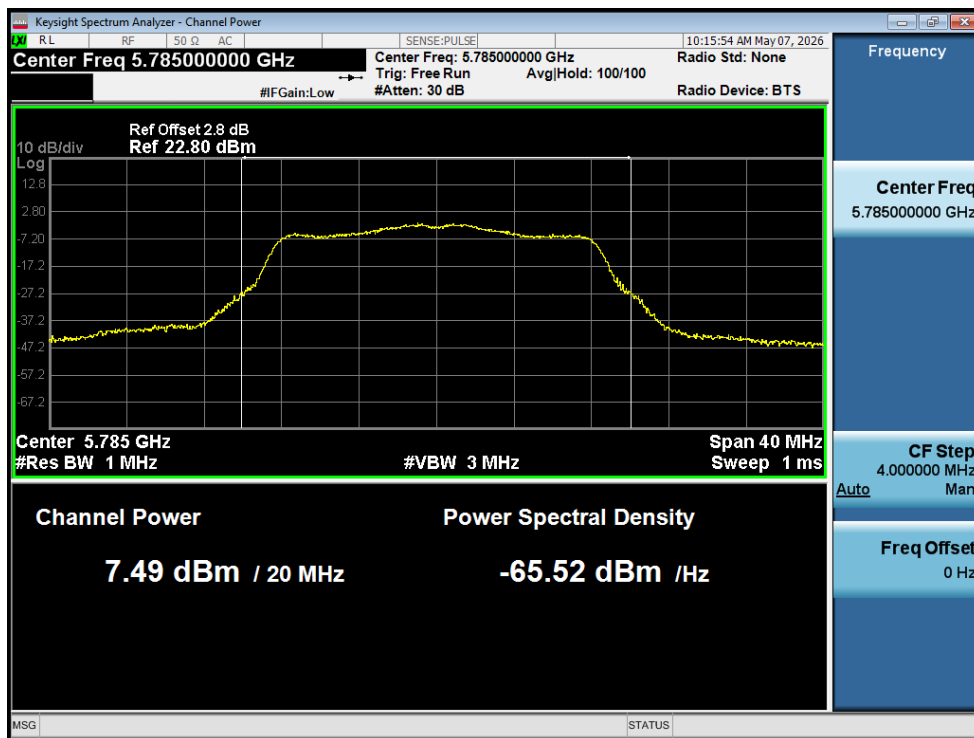
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	8.61	0.9	9.51	30	Pass
NVNT	a	5785	Ant1	7.49	0.9	8.39	30	Pass
NVNT	a	5825	Ant1	7.26	0.9	8.16	30	Pass
NVNT	n20	5745	Ant1	8.41	0.96	9.37	30	Pass
NVNT	n20	5785	Ant1	7.23	0.96	8.19	30	Pass
NVNT	n20	5825	Ant1	6.96	0.96	7.92	30	Pass
NVNT	n40	5755	Ant1	7.9	1.46	9.36	30	Pass
NVNT	n40	5795	Ant1	6.8	1.44	8.24	30	Pass
NVNT	ac20	5745	Ant1	8.44	1.03	9.47	30	Pass
NVNT	ac20	5785	Ant1	4.85	1.06	5.91	30	Pass
NVNT	ac20	5825	Ant1	6.94	1.06	8	30	Pass
NVNT	ac40	5755	Ant1	6.83	1.6	8.43	30	Pass
NVNT	ac40	5795	Ant1	5.77	1.6	7.37	30	Pass
NVNT	ac80	5775	Ant1	5.79	2.11	7.9	30	Pass

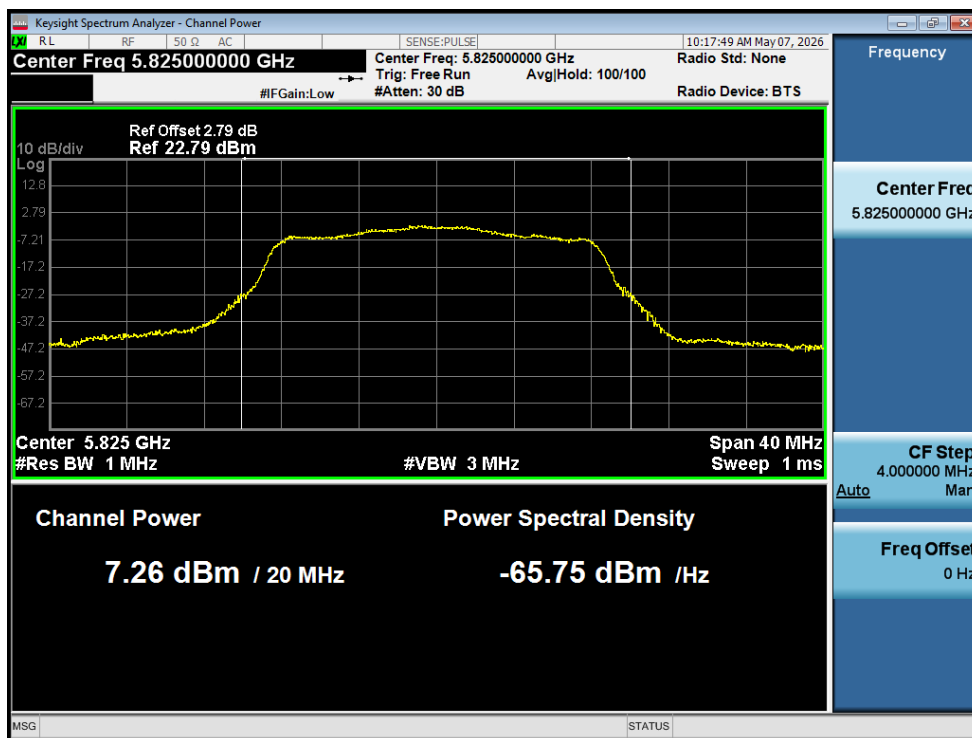
Note: Total power=Conducted power + Duty factor



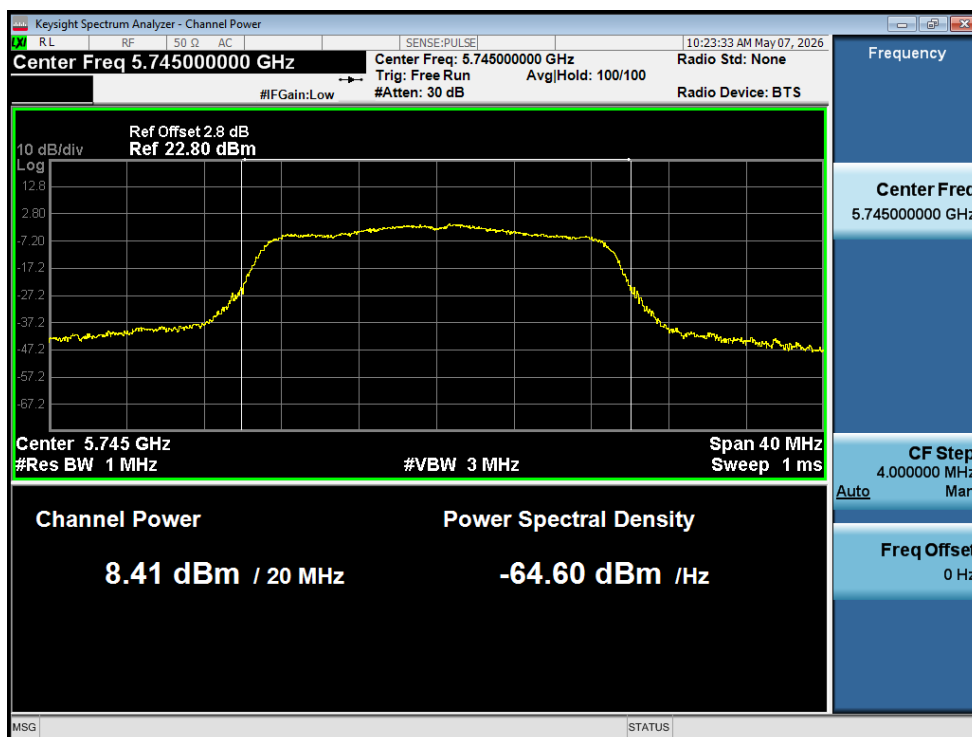
Power NVNT a 5745MHz Ant1



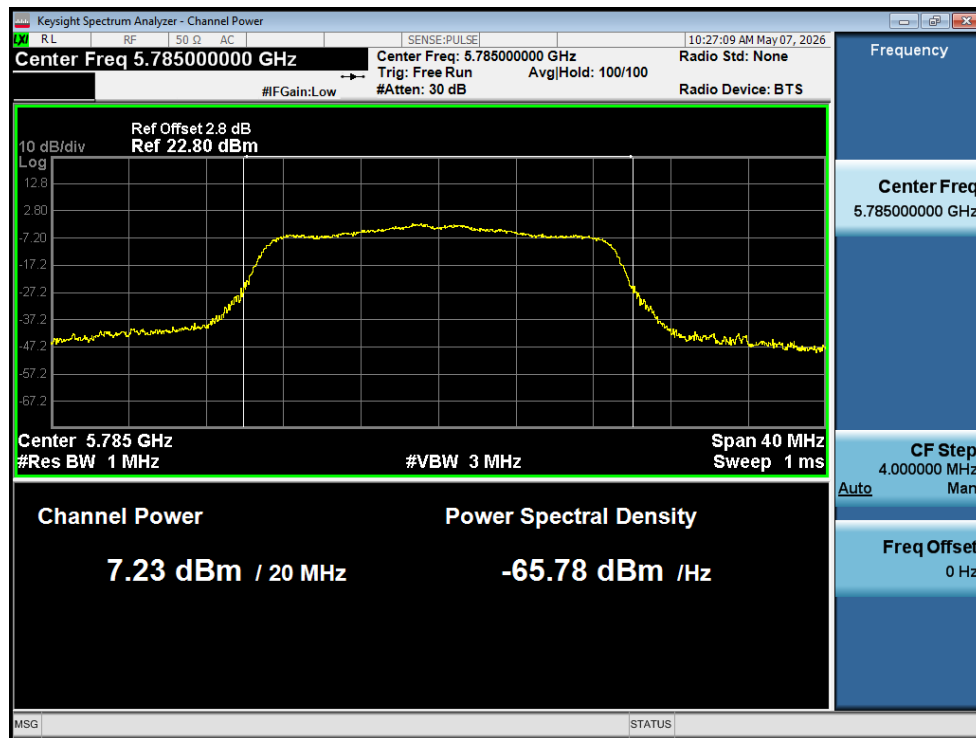
Power NVNT a 5785MHz Ant1



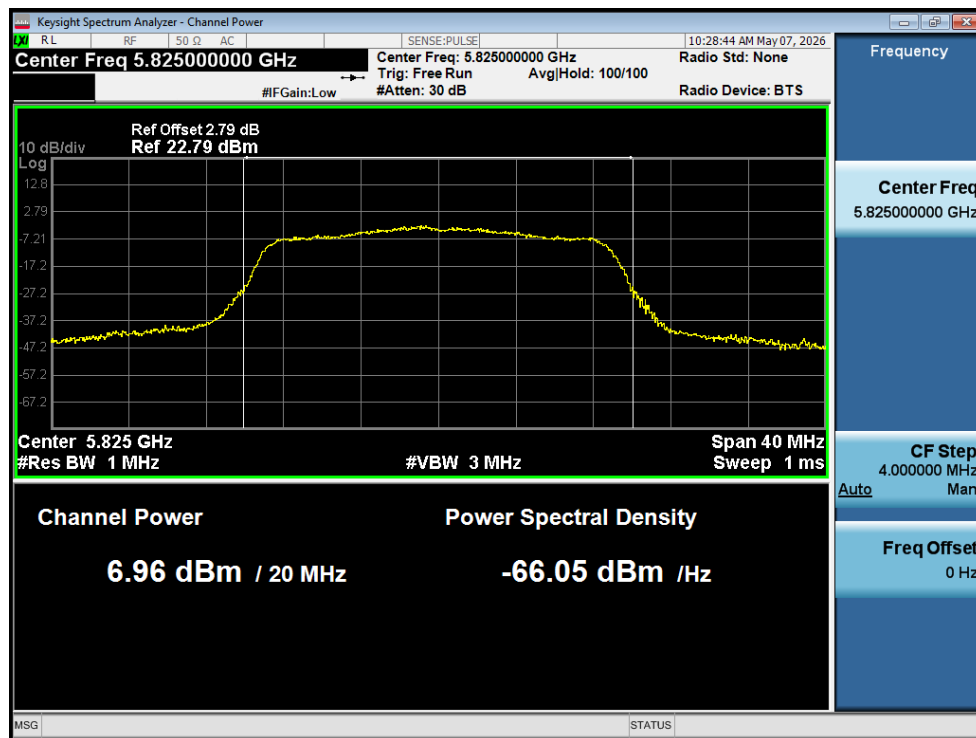
Power NVNT a 5825MHz Ant1



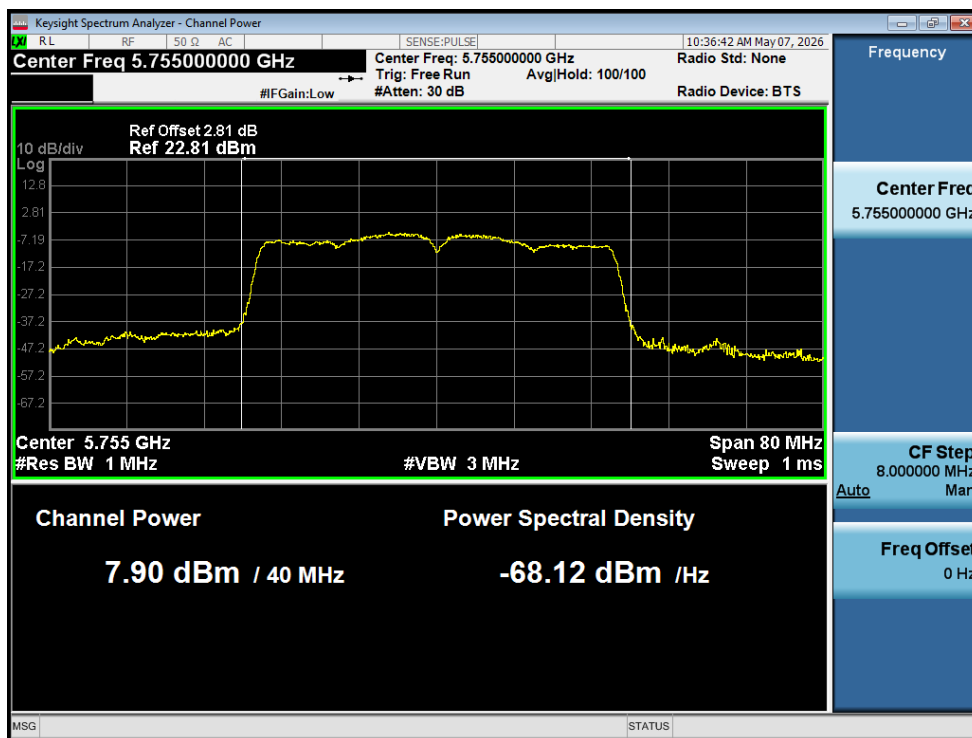
Power NVNT n20 5745MHz Ant1



Power NVNT n20 5785MHz Ant1



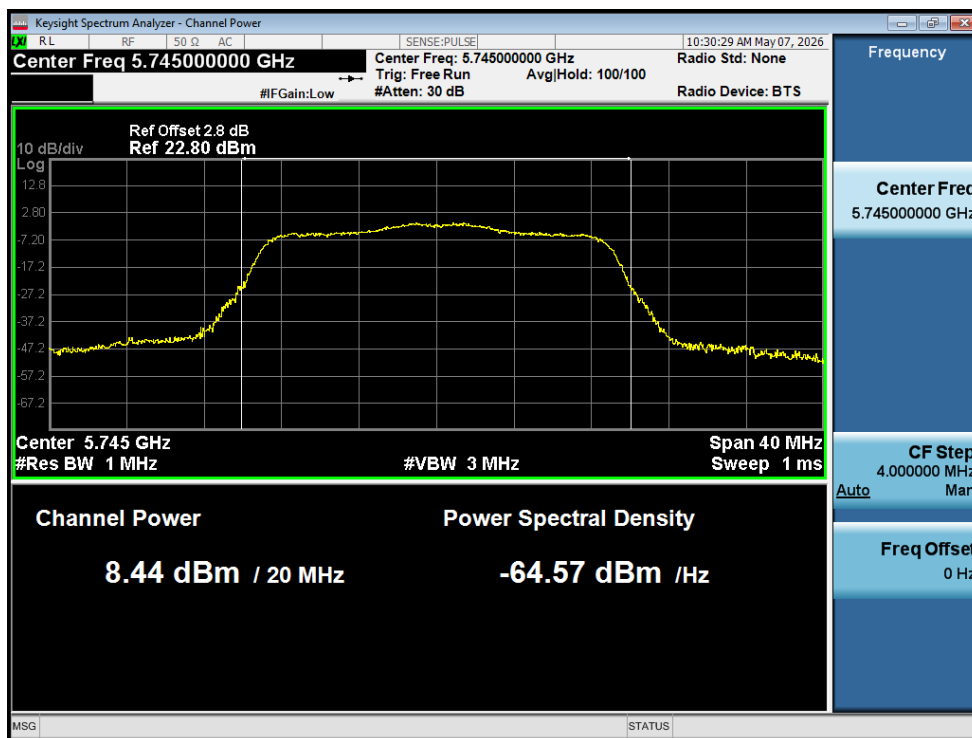
Power NVNT n20 5825MHz Ant1



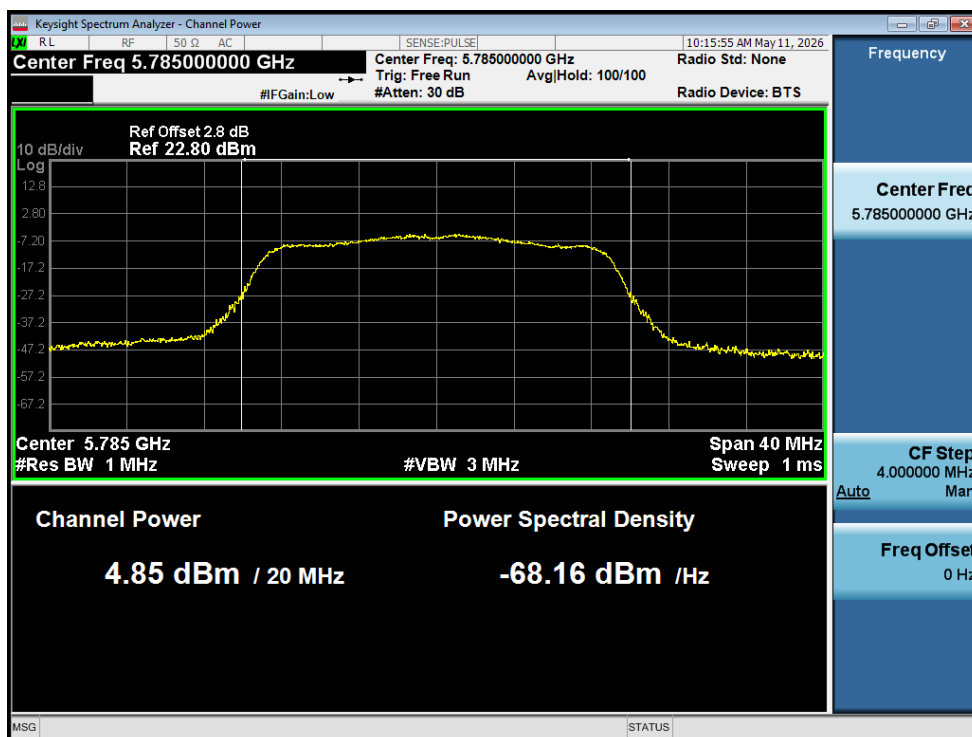
Power NVNT n40 5755MHz Ant1



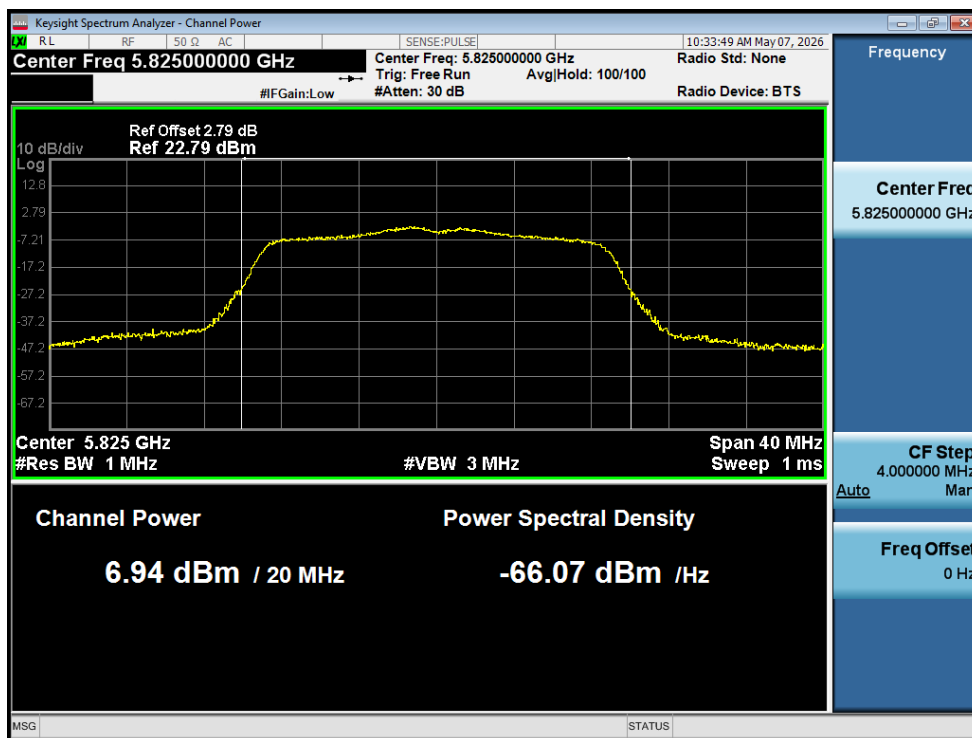
Power NVNT n40 5795MHz Ant1



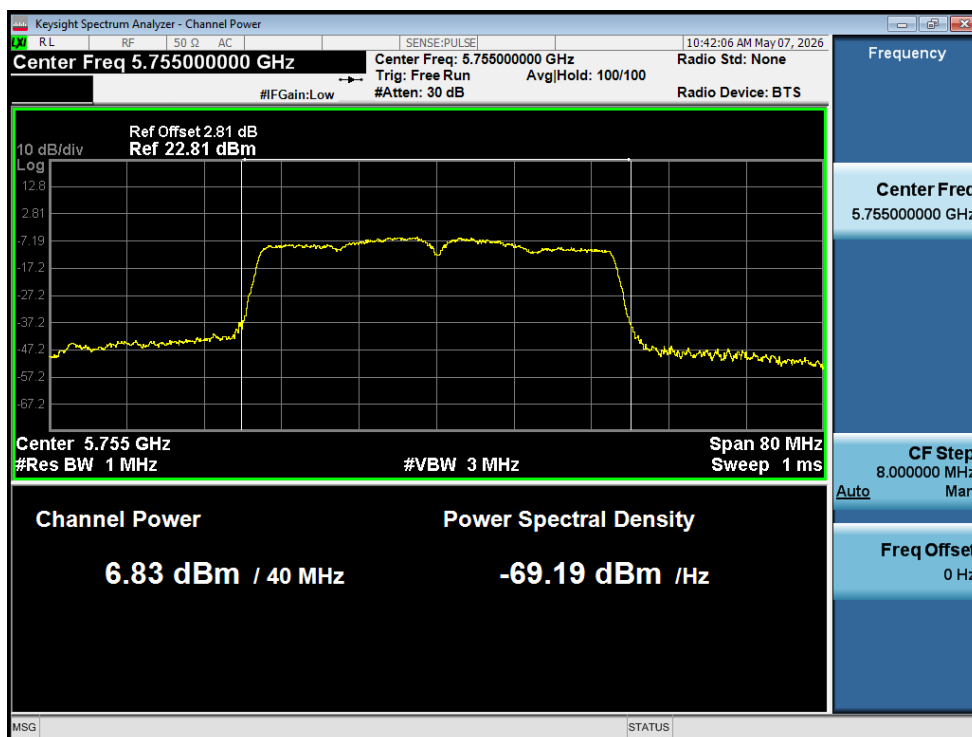
Power NVNT ac20 5745MHz Ant1



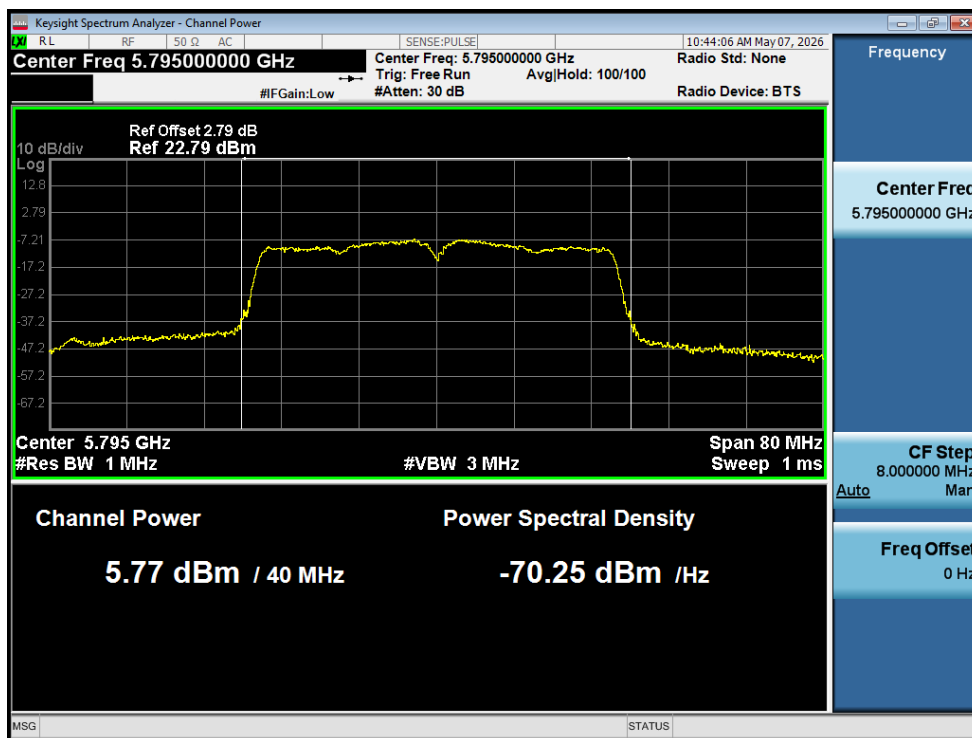
Power NVNT ac20 5785MHz Ant1



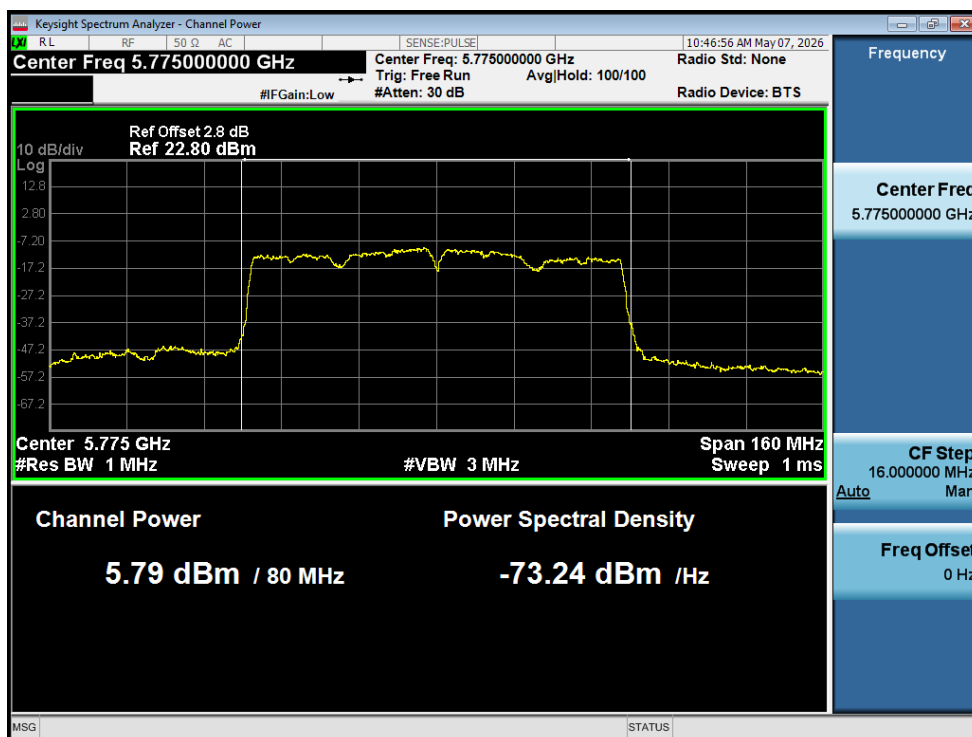
Power NVNT ac20 5825MHz Ant1



Power NVNT ac40 5755MHz Ant1



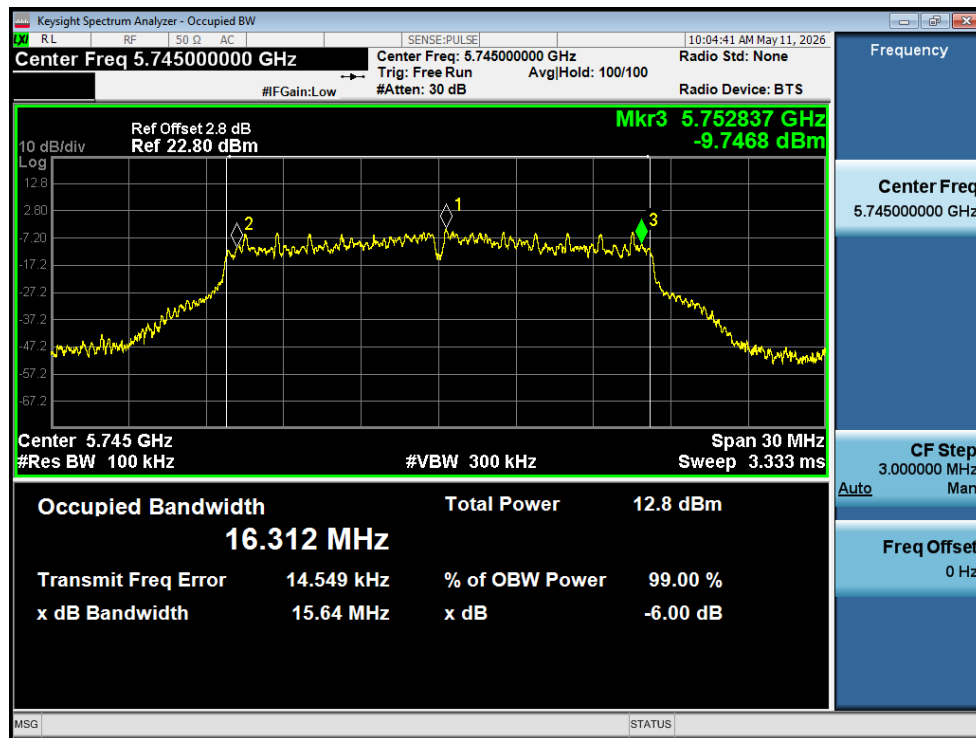
Power NVNT ac40 5795MHz Ant1



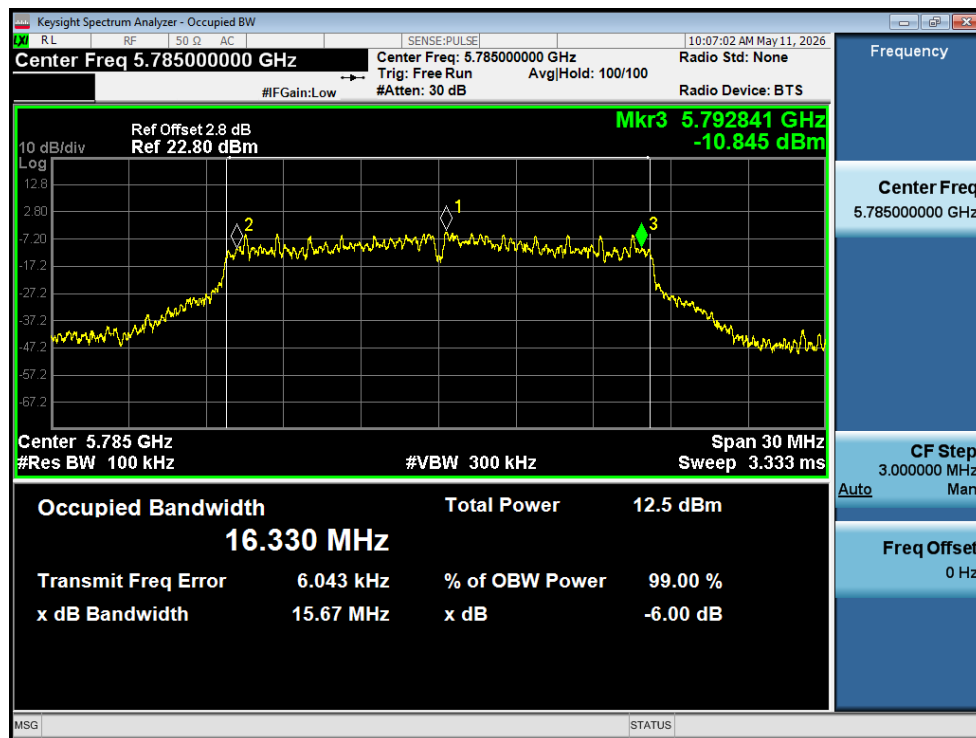
Power NVNT ac80 5775MHz Ant1

3. -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.64	0.5	Pass
NVNT	a	5785	Ant1	15.67	0.5	Pass
NVNT	a	5825	Ant1	15.64	0.5	Pass
NVNT	n20	5745	Ant1	16.33	0.5	Pass
NVNT	n20	5785	Ant1	17.37	0.5	Pass
NVNT	n20	5825	Ant1	17.52	0.5	Pass
NVNT	n40	5755	Ant1	35.63	0.5	Pass
NVNT	n40	5795	Ant1	36.37	0.5	Pass
NVNT	ac20	5745	Ant1	17.53	0.5	Pass
NVNT	ac20	5785	Ant1	16.77	0.5	Pass
NVNT	ac20	5825	Ant1	16.61	0.5	Pass
NVNT	ac40	5755	Ant1	35.18	0.5	Pass
NVNT	ac40	5795	Ant1	35.78	0.5	Pass
NVNT	ac80	5775	Ant1	75.18	0.5	Pass



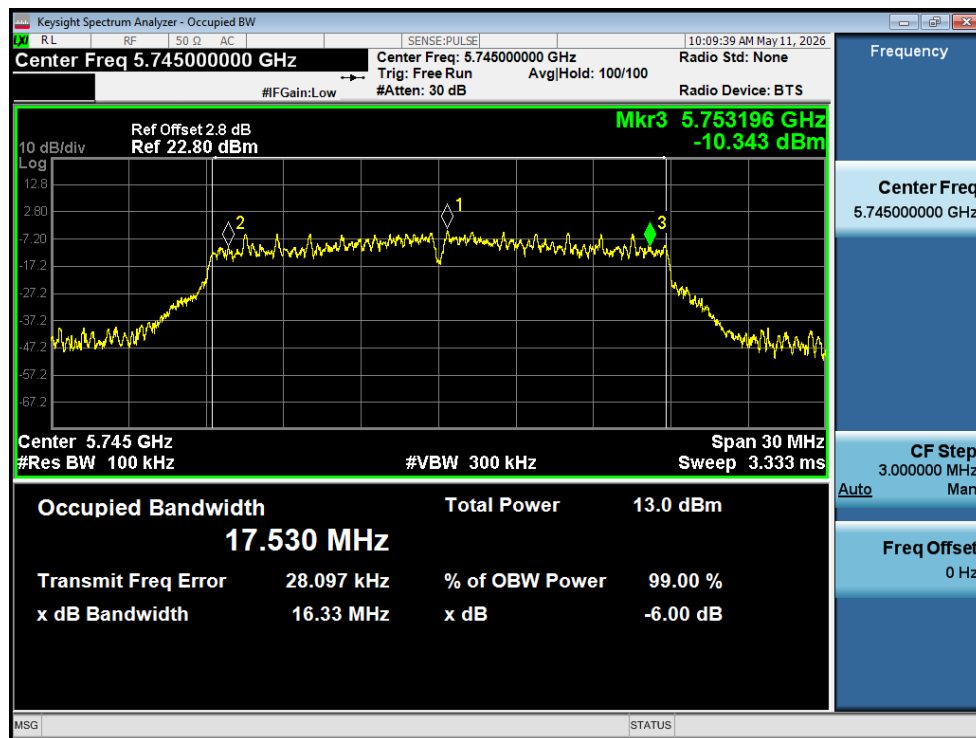
-6dB Bandwidth NVNT a 5745MHz Ant1



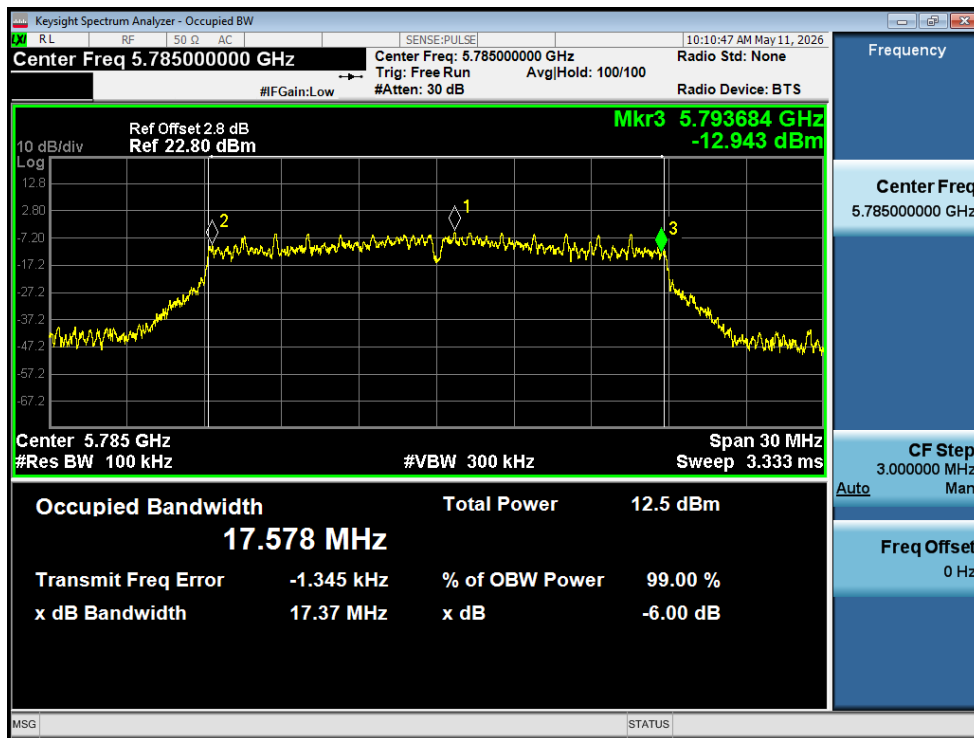
-6dB Bandwidth NVNT a 5785MHz Ant1



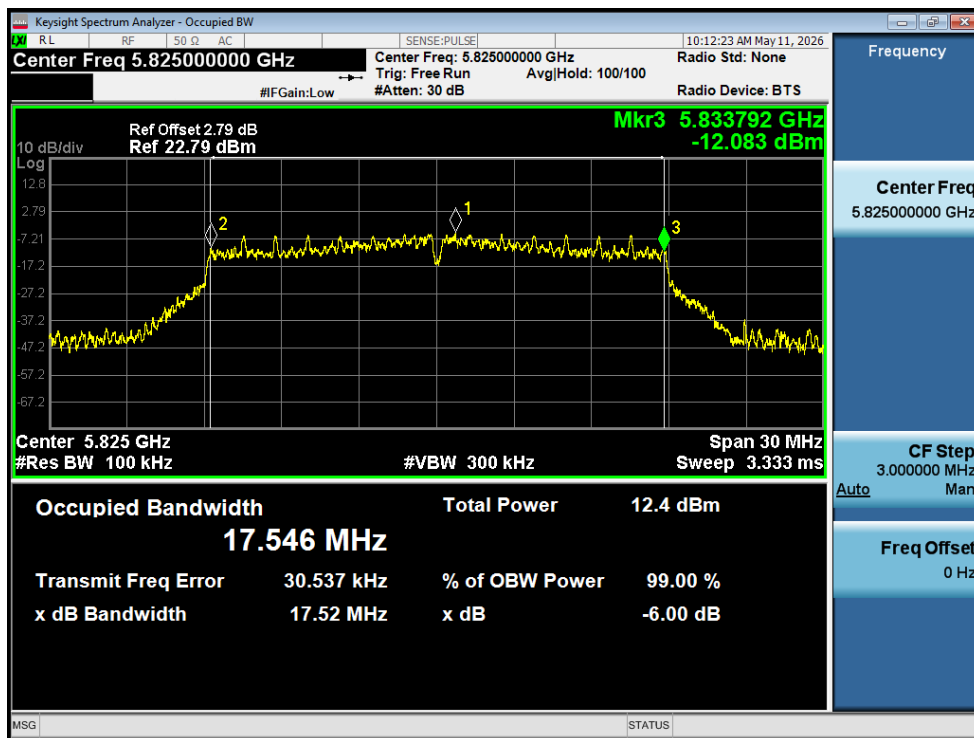
-6dB Bandwidth NVNT a 5825MHz Ant1



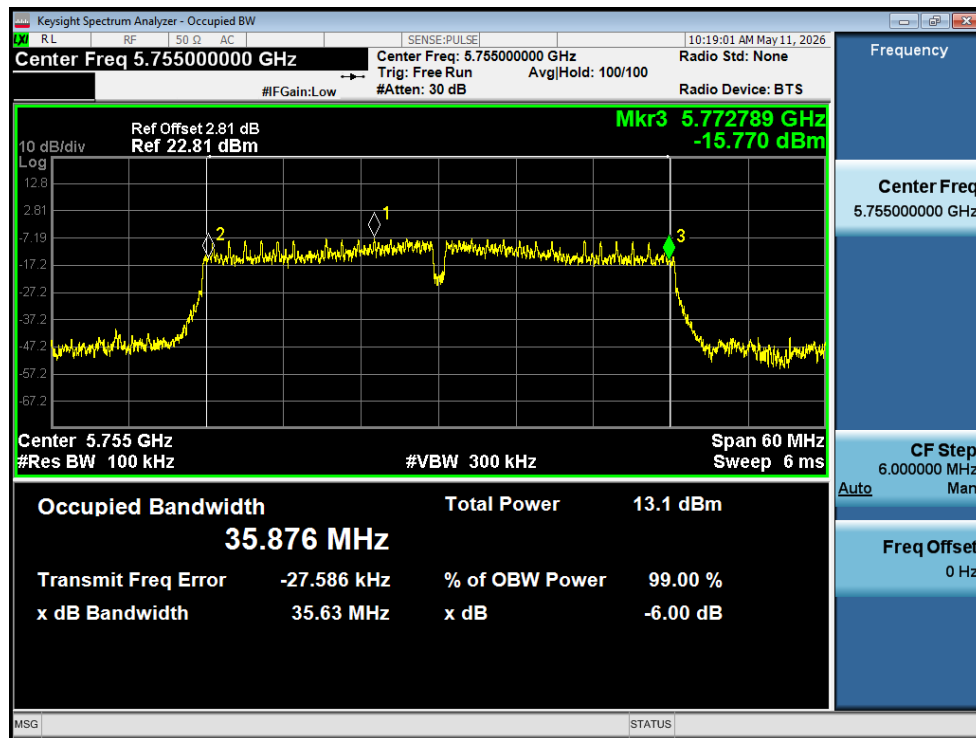
-6dB Bandwidth NVNT n20 5745MHz Ant1



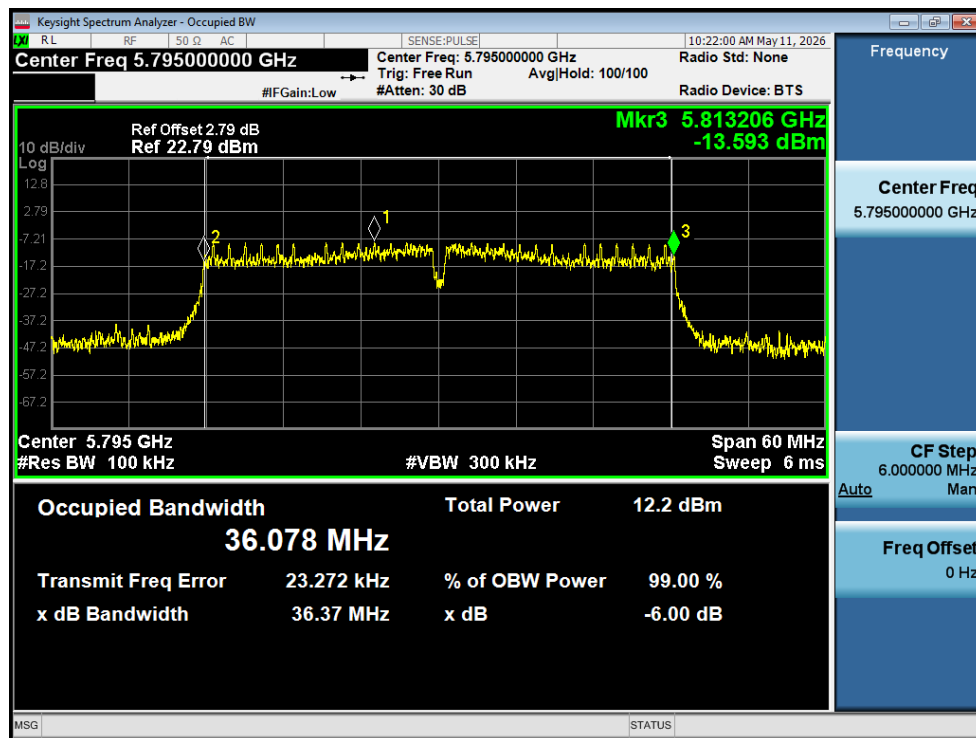
-6dB Bandwidth NVNT n20 5785MHz Ant1



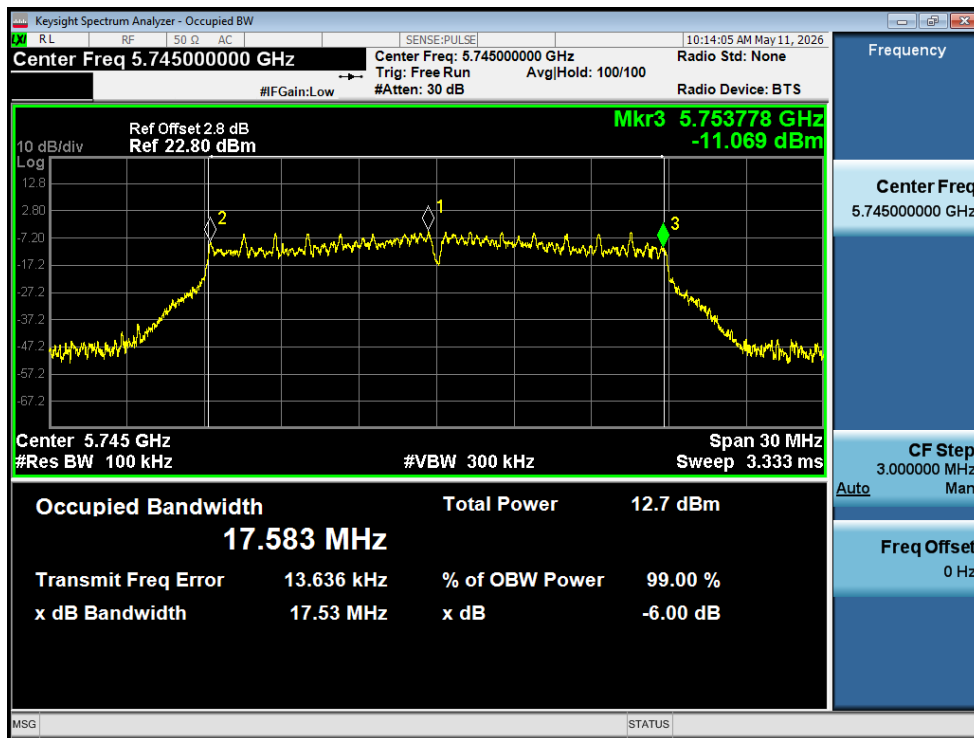
-6dB Bandwidth NVNT n20 5825MHz Ant1



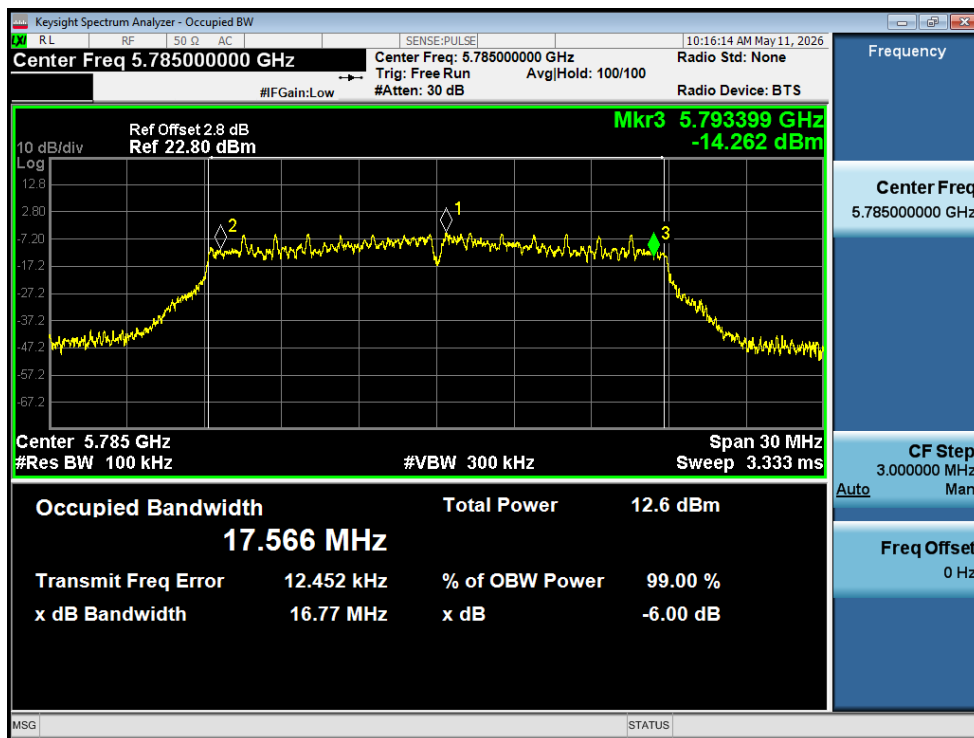
-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



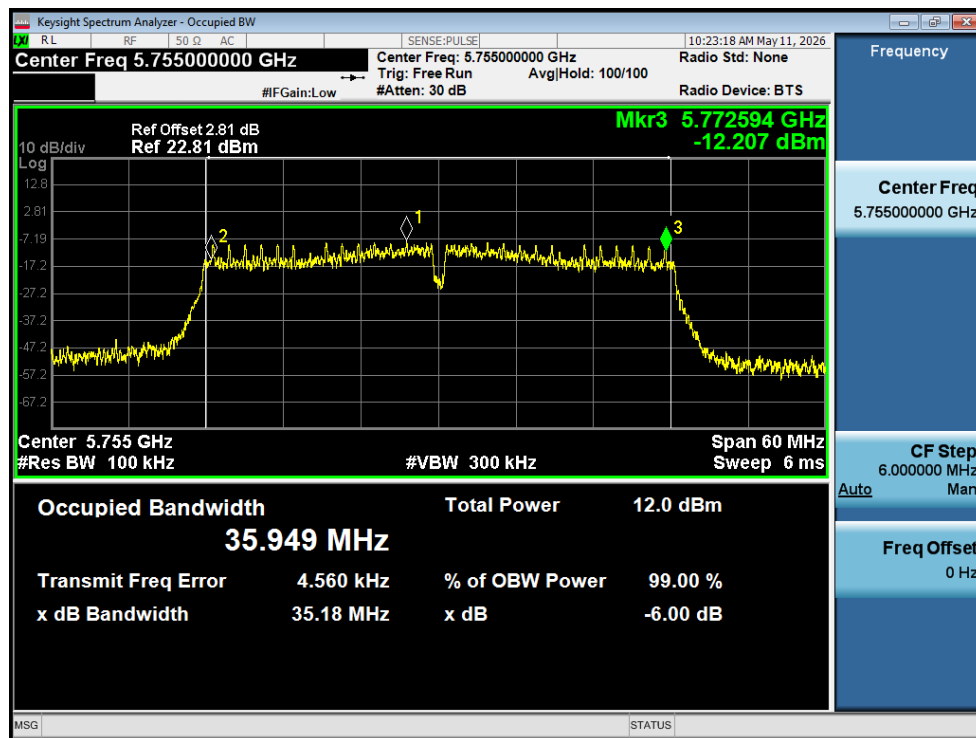
-6dB Bandwidth NVNT ac20 5745MHz Ant1



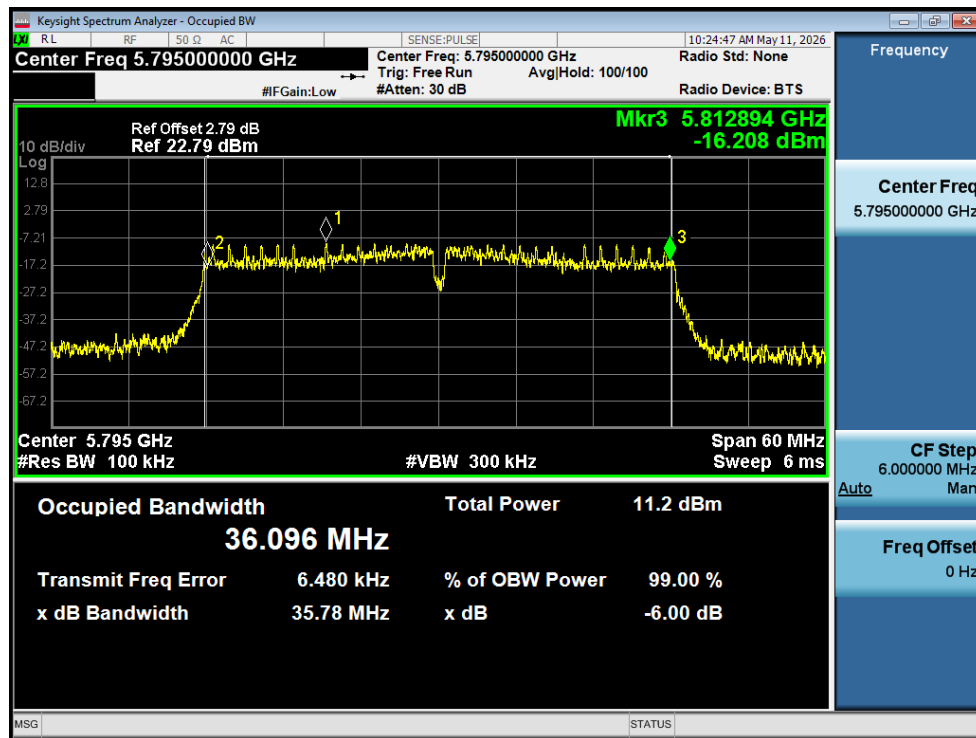
-6dB Bandwidth NVNT ac20 5785MHz Ant1



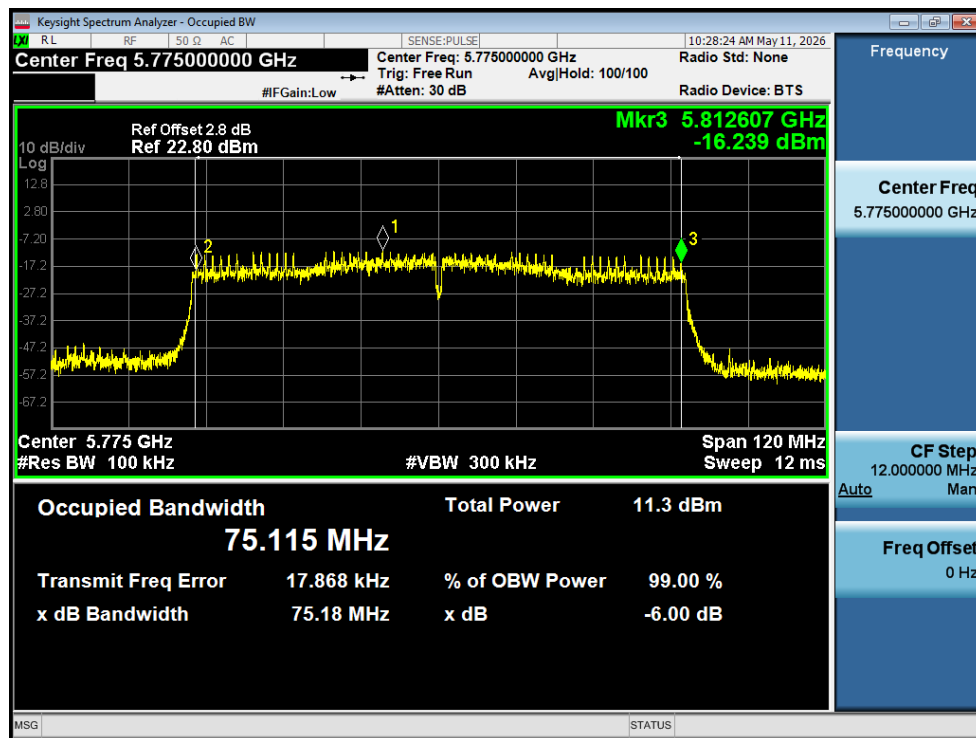
-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1



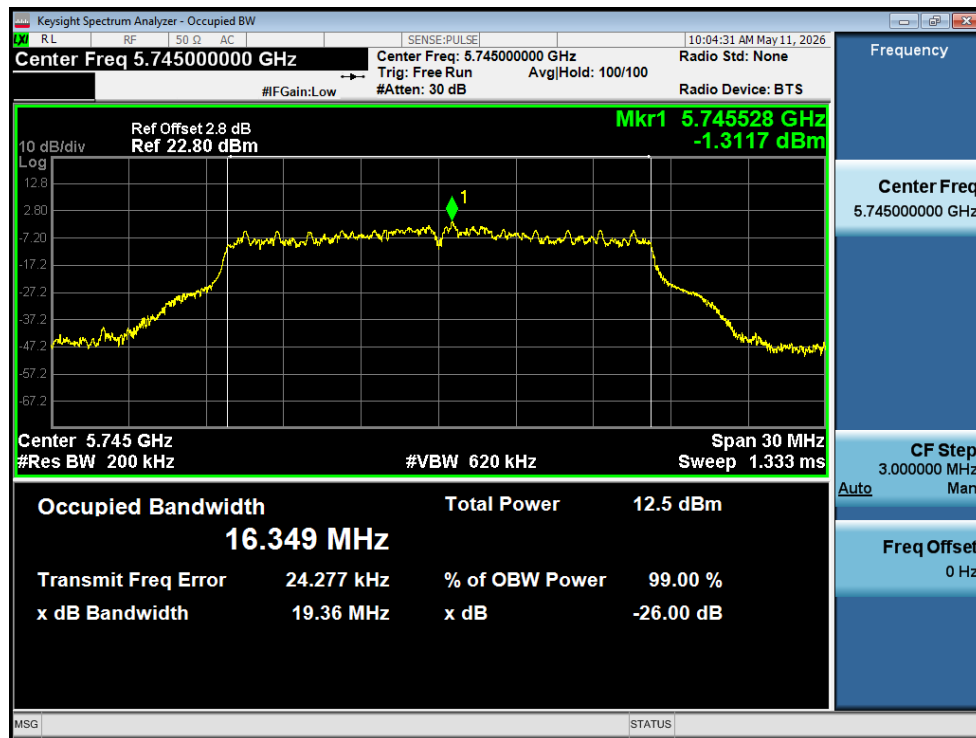
-6dB Bandwidth NVNT ac40 5795MHz Ant1



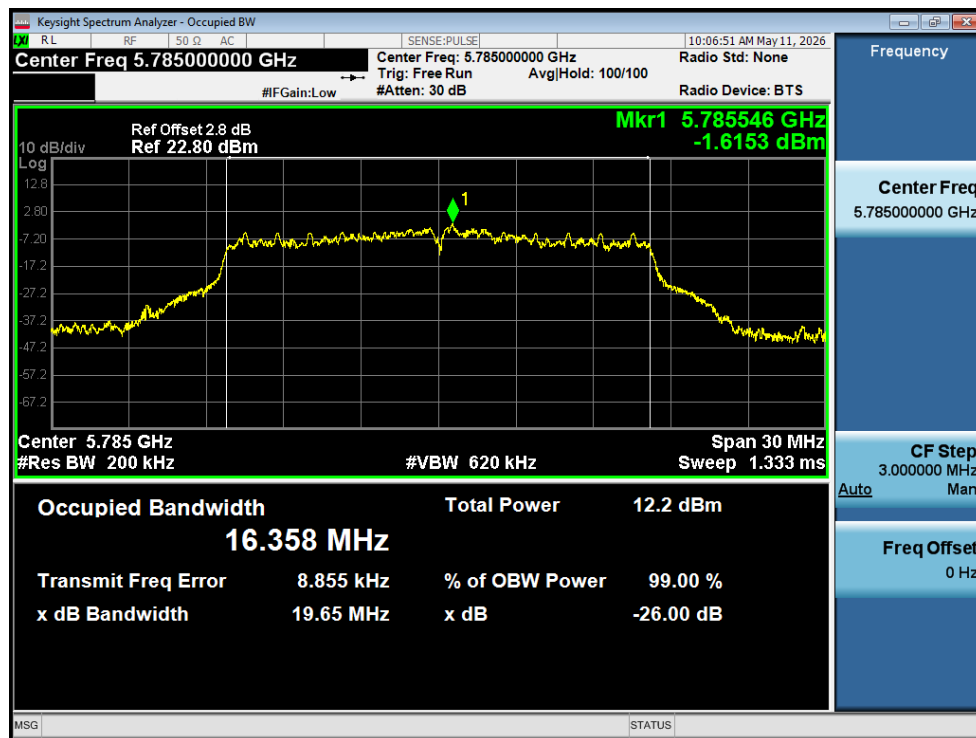
-6dB Bandwidth NVNT ac80 5775MHz Ant1

4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.349
NVNT	a	5785	Ant1	16.358
NVNT	a	5825	Ant1	16.359
NVNT	n20	5745	Ant1	17.599
NVNT	n20	5785	Ant1	17.631
NVNT	n20	5825	Ant1	17.575
NVNT	n40	5755	Ant1	36.015
NVNT	n40	5795	Ant1	36.109
NVNT	ac20	5745	Ant1	17.633
NVNT	ac20	5785	Ant1	17.647
NVNT	ac20	5825	Ant1	17.626
NVNT	ac40	5755	Ant1	36.115
NVNT	ac40	5795	Ant1	36.26
NVNT	ac80	5775	Ant1	75.27



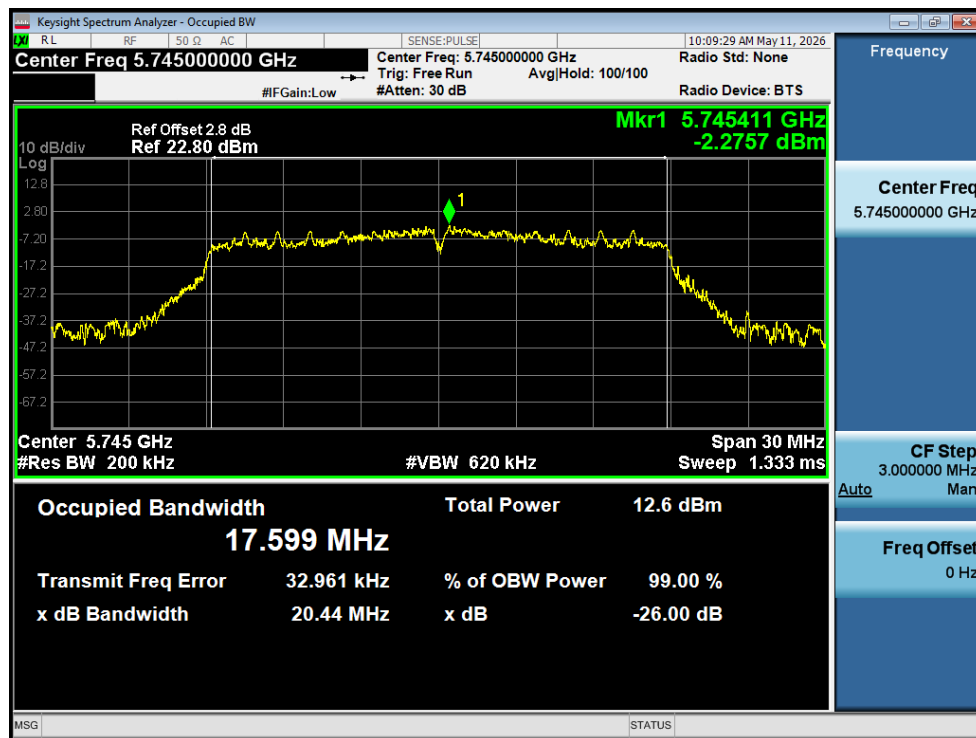
OBW NVNT a 5745MHz Ant1



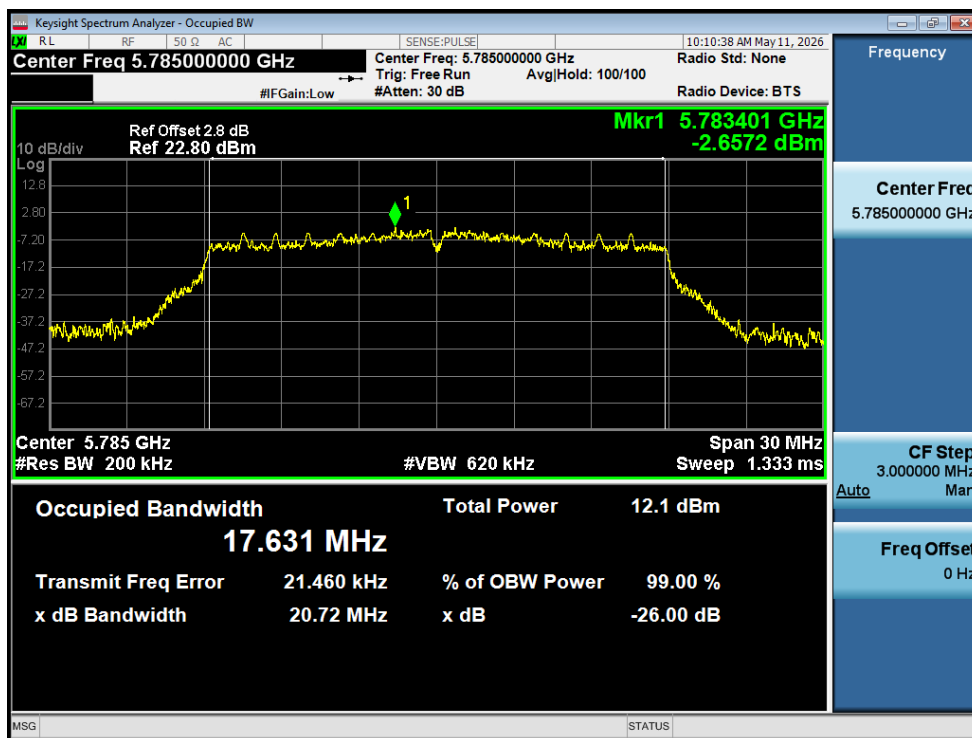
OBW NVNT a 5785MHz Ant1



OBW NVNT a 5825MHz Ant1



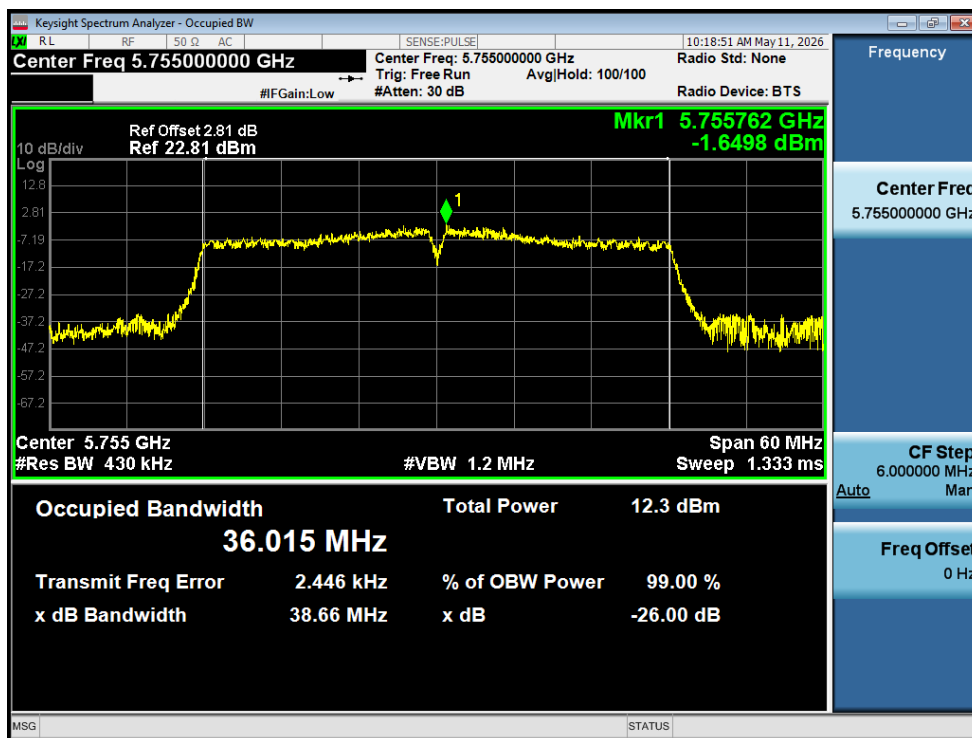
OBW NVNT n20 5745MHz Ant1



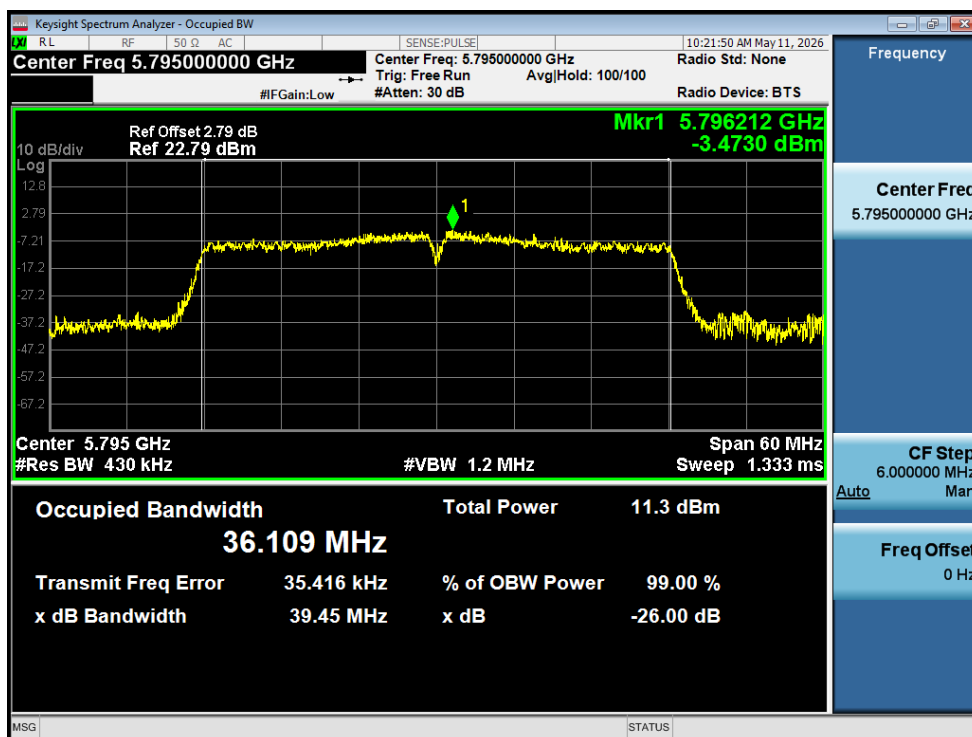
OBW NVNT n20 5785MHz Ant1



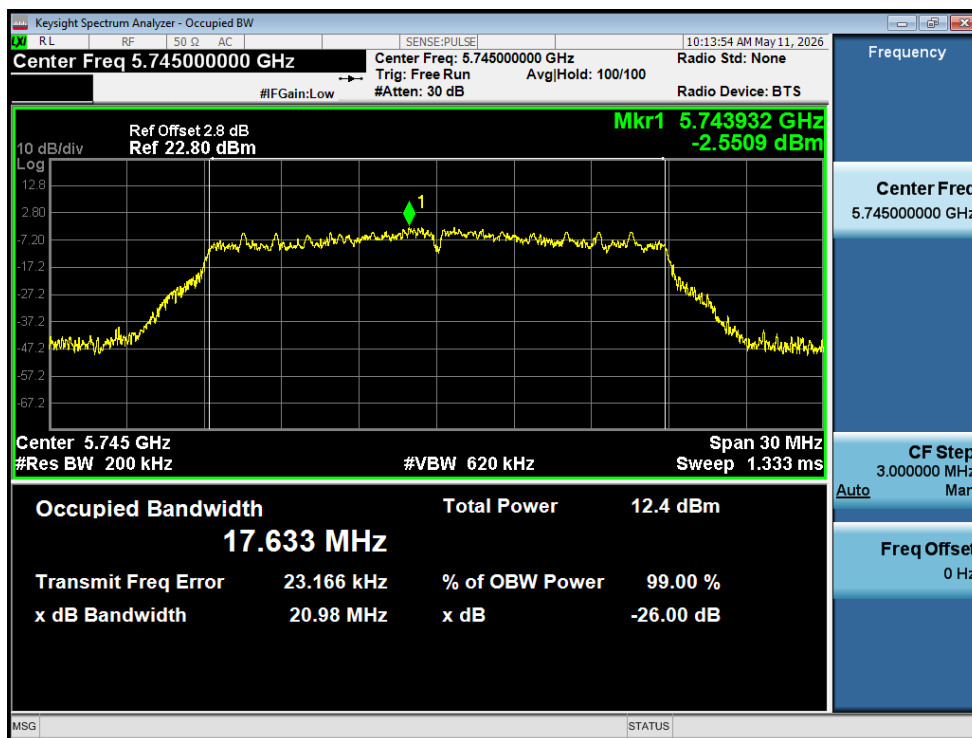
OBW NVNT n20 5825MHz Ant1



OBW NVNT n40 5755MHz Ant1



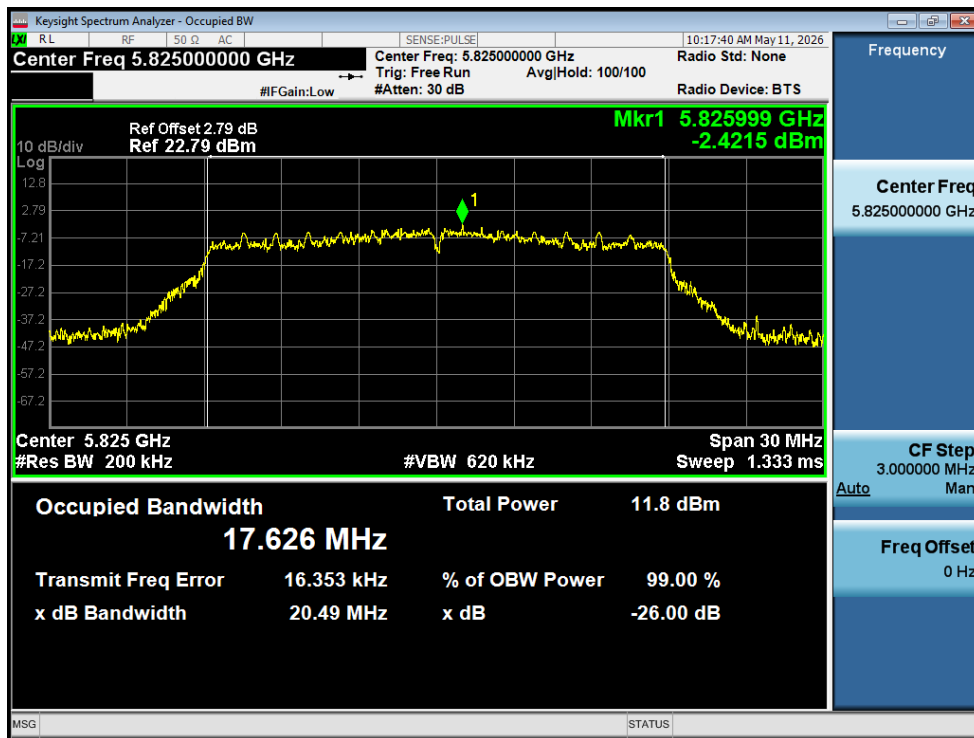
OBW NVNT n40 5795MHz Ant1



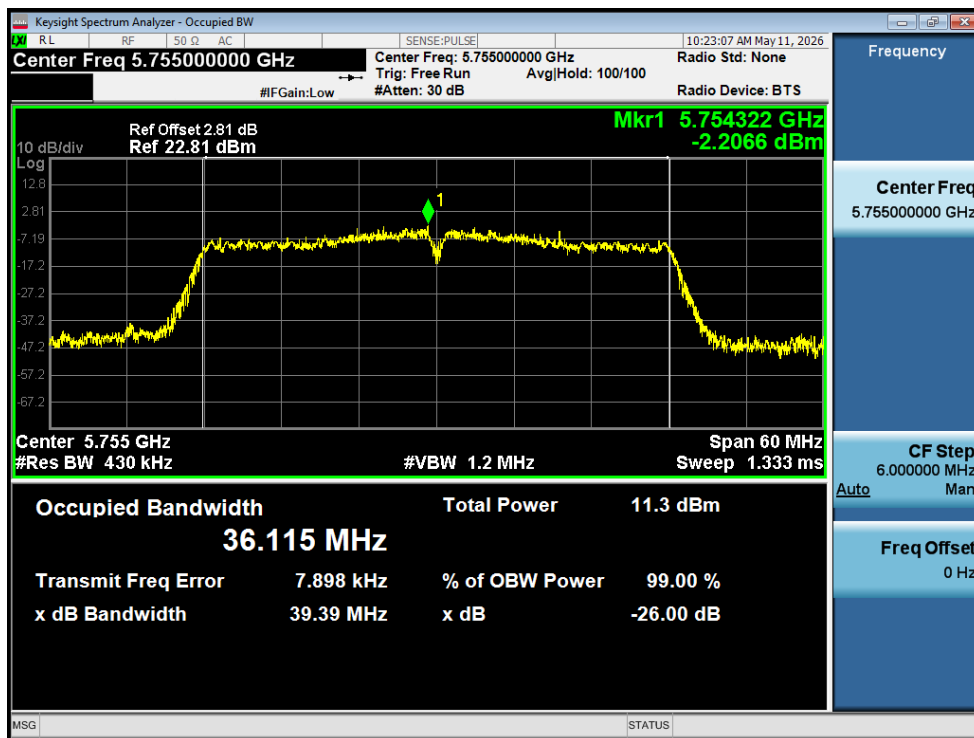
OBW NVNT ac20 5745MHz Ant1



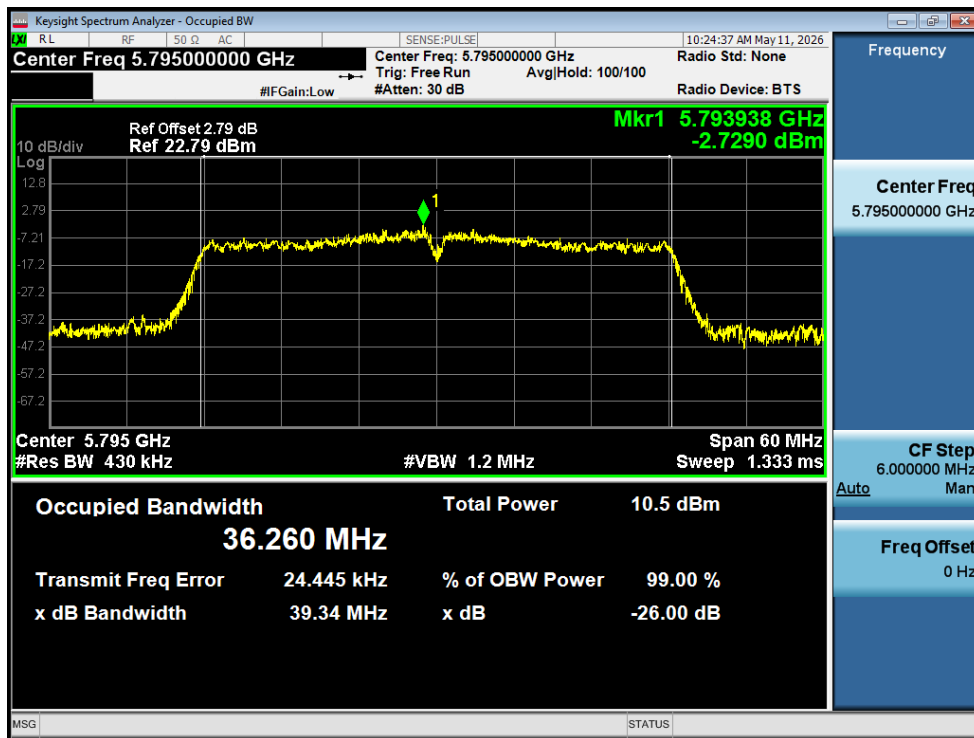
OBW NVNT ac20 5785MHz Ant1



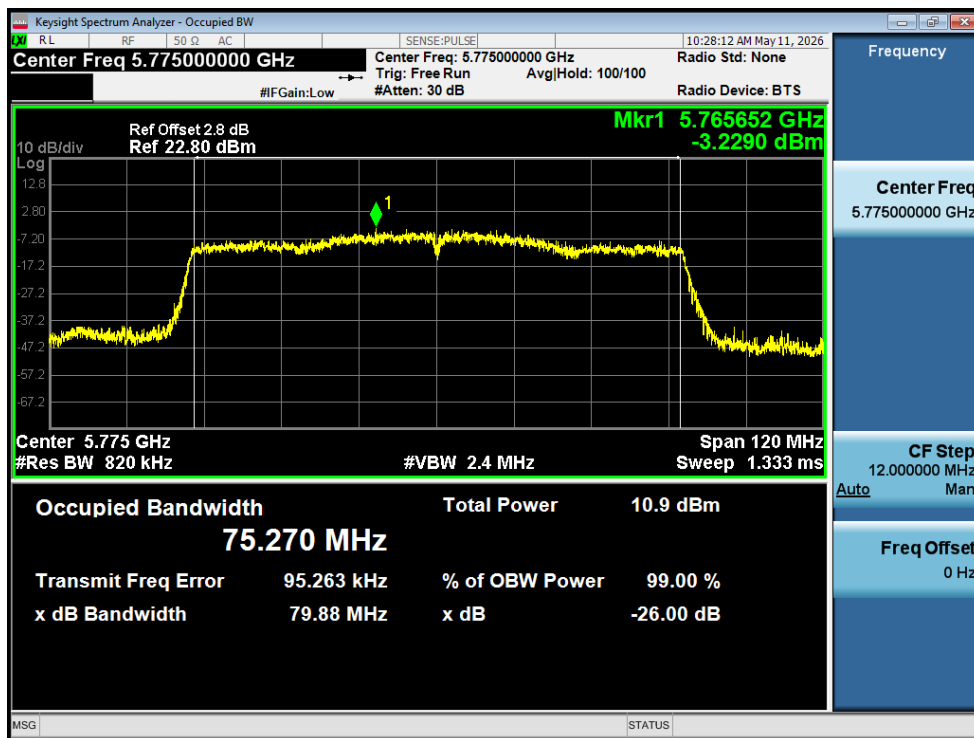
OBW NVNT ac20 5825MHz Ant1



OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5775MHz Ant1

5. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/510kHz)	Duty Factor (dB)	10log (510/500)	Total PSD (dBm/500kHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant1	-5.93	0.9	0.086	-4.944	30	Pass
NVNT	a	5785	Ant1	-5.97	0.9	0.086	-4.984	30	Pass
NVNT	a	5825	Ant1	-6.06	0.9	0.086	-5.074	30	Pass
NVNT	n20	5745	Ant1	-6.26	0.96	0.086	-5.214	30	Pass
NVNT	n20	5785	Ant1	-6.94	0.96	0.086	-5.894	30	Pass
NVNT	n20	5825	Ant1	-6.73	0.96	0.086	-5.684	30	Pass
NVNT	n40	5755	Ant1	-9.78	1.46	0.086	-8.234	30	Pass
NVNT	n40	5795	Ant1	-11	1.44	0.086	-9.474	30	Pass
NVNT	ac20	5745	Ant1	-6.5	1.03	0.086	-5.384	30	Pass
NVNT	ac20	5785	Ant1	-6.81	1.06	0.086	-5.664	30	Pass
NVNT	ac20	5825	Ant1	-6.85	1.06	0.086	-5.704	30	Pass
NVNT	ac40	5755	Ant1	-10.55	1.6	0.086	-8.864	30	Pass
NVNT	ac40	5795	Ant1	-11.95	1.6	0.086	-10.264	30	Pass
NVNT	ac80	5775	Ant1	-13.77	2.11	0.086	-11.574	30	Pass

Note: Total PSD=Conducted PSD + Duty factor+(10log(Test RBW/ Limit RBW)



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



PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1



PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



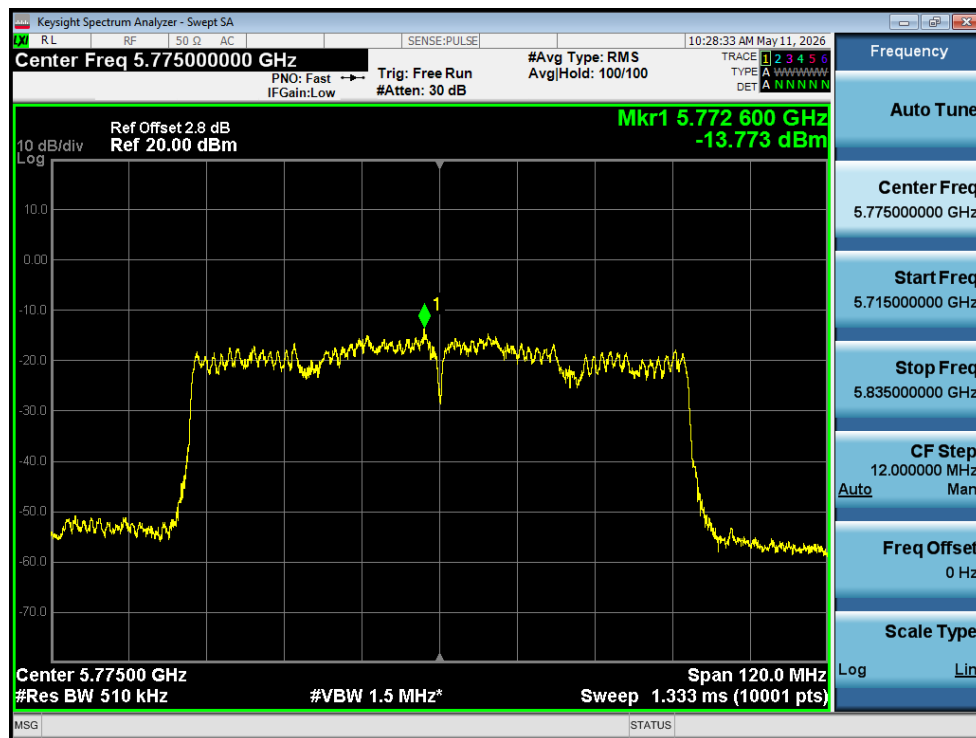
PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant1



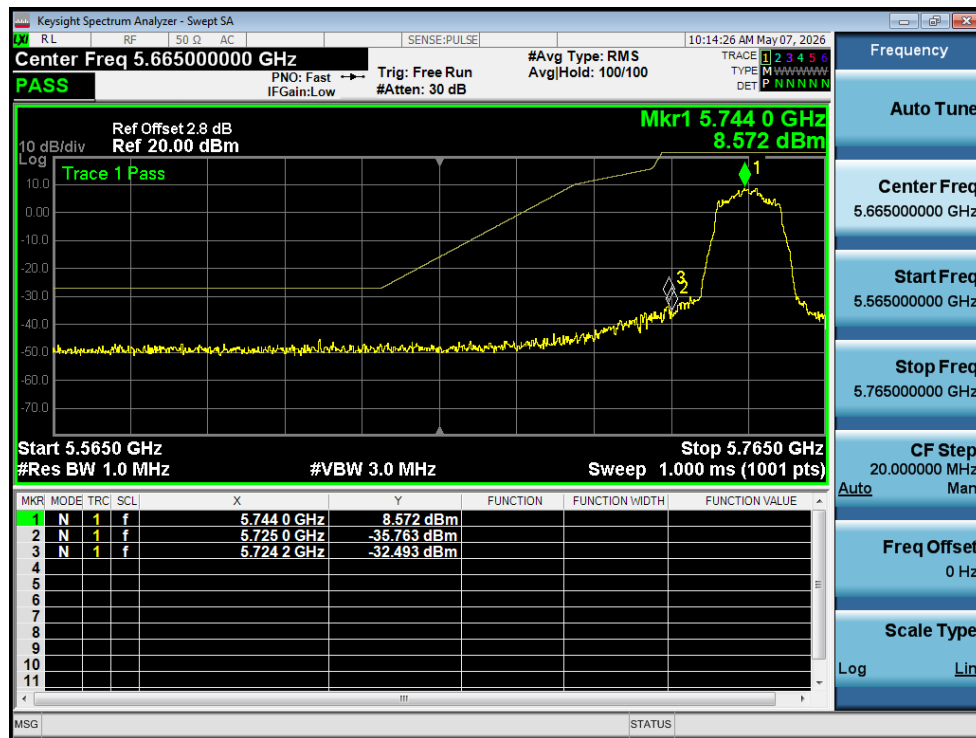
PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1

6. Band Edge

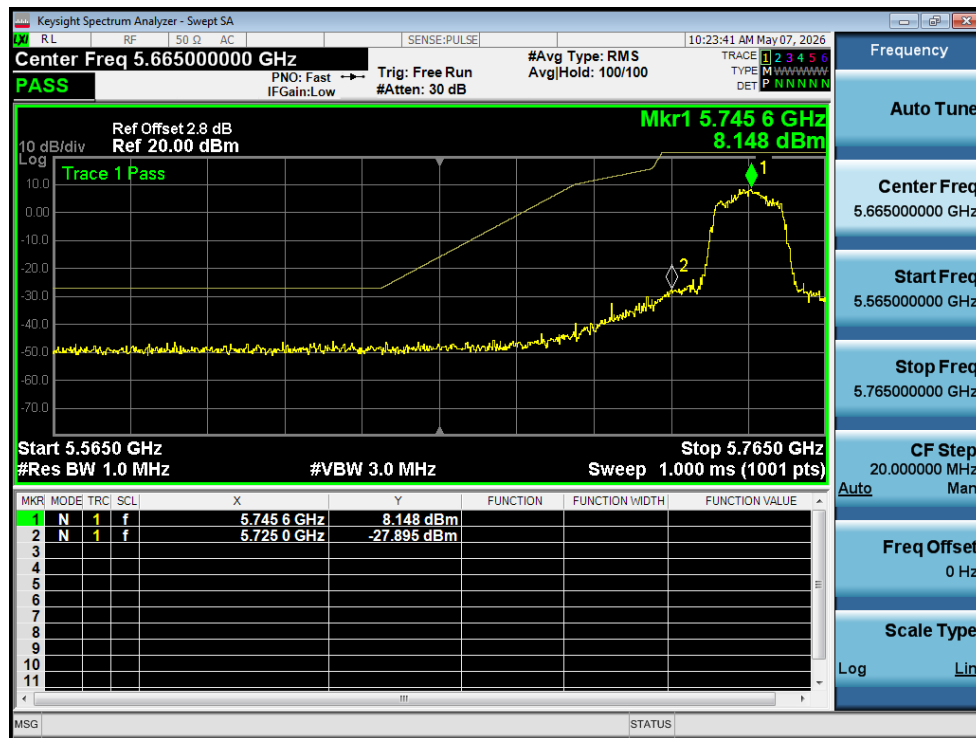
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-32.49	Pass
NVNT	a	5825	Ant1	-33.93	Pass
NVNT	n20	5745	Ant1	-27.89	Pass
NVNT	n20	5825	Ant1	-33.37	Pass
NVNT	n40	5755	Ant1	-29.23	Pass
NVNT	n40	5795	Ant1	-37.32	Pass
NVNT	ac20	5745	Ant1	-30.71	Pass
NVNT	ac20	5825	Ant1	-34.65	Pass
NVNT	ac40	5755	Ant1	-31.92	Pass
NVNT	ac40	5795	Ant1	-39.02	Pass
NVNT	ac80	5775	Ant1	-33.53	Pass
NVNT	ac80	5775	Ant1	-42.73	Pass
NVNT	ac80	5775	Ant1	-34.56	Pass



Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1



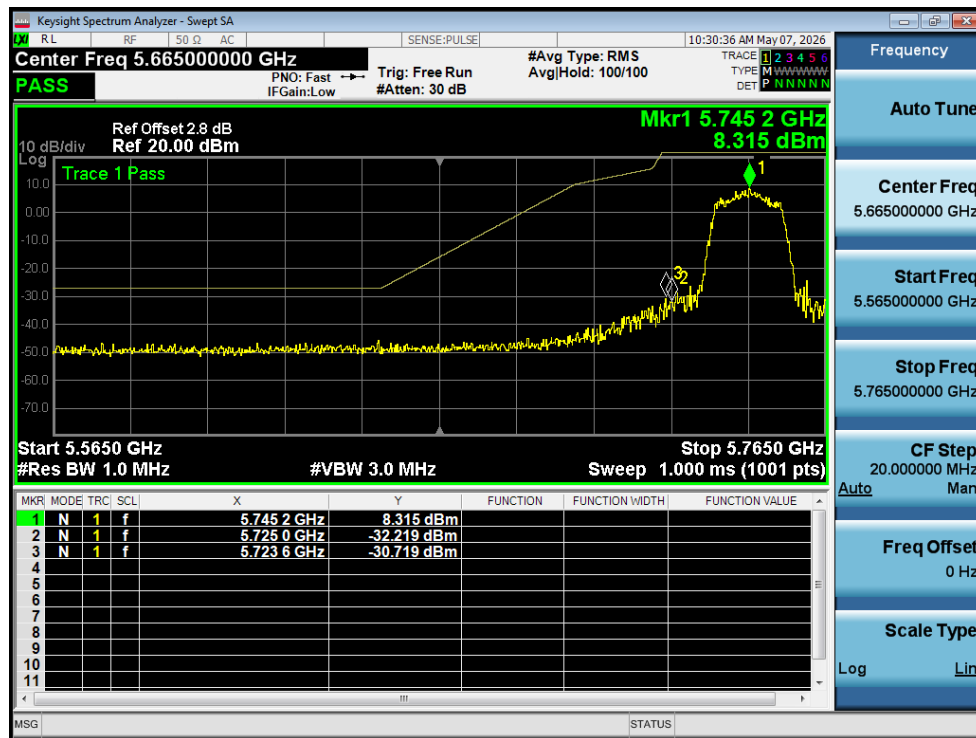
Band Edge NVNT n20 5825MHz High Ant1



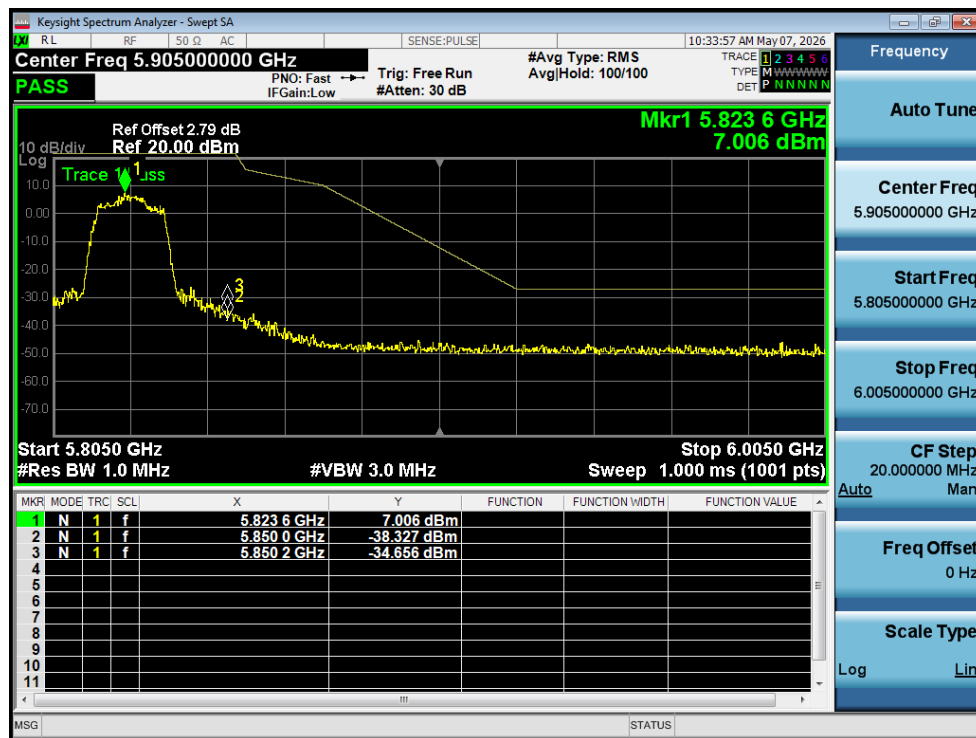
Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1



Band Edge NVNT ac20 5745MHz Low Ant1



Band Edge NVNT ac20 5825MHz High Ant1



Band Edge NVNT ac40 5755MHz Low Ant1



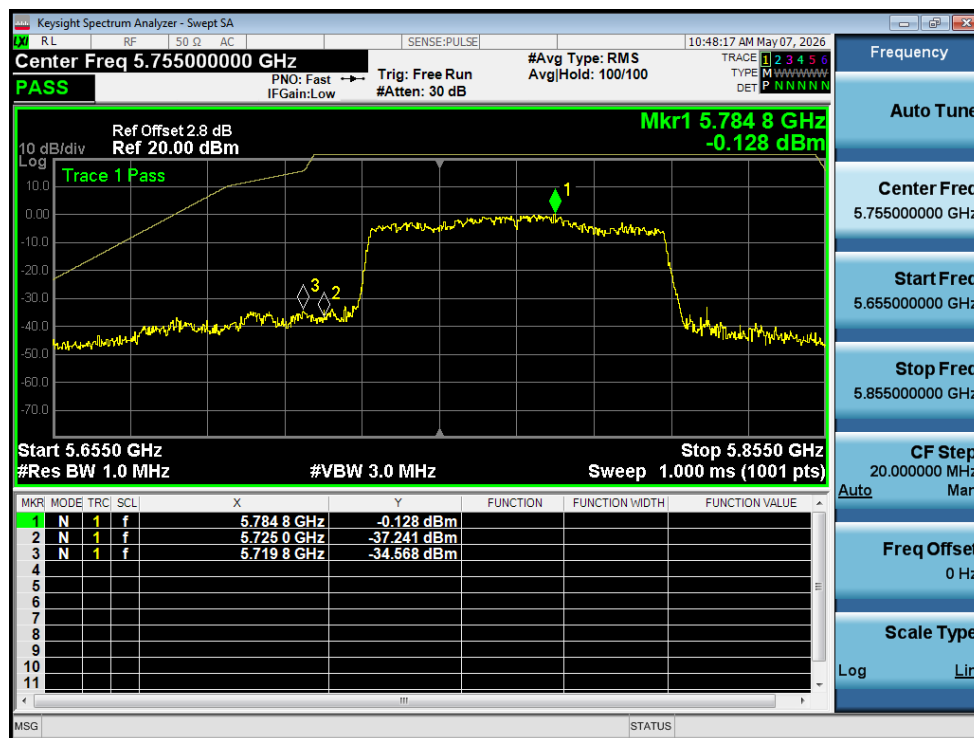
Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ac80 5775MHz Low Ant1



Band Edge NVNT ac80 5775MHz High Ant1

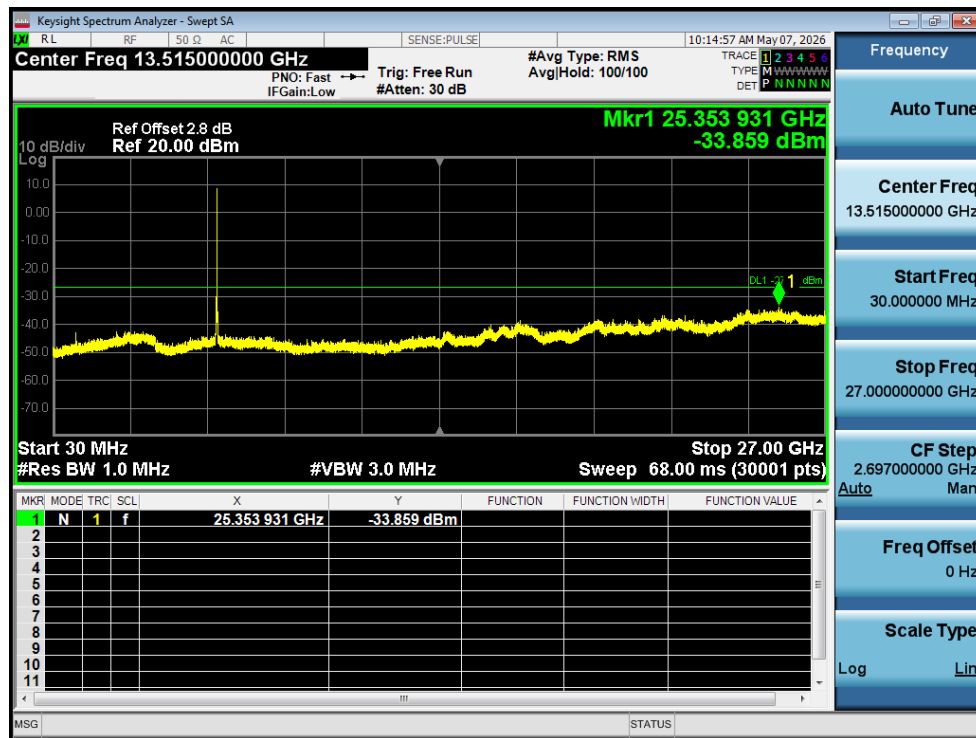


Band Edge NVNT ac80 5775MHz Low Ant1

7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-33.85	-27	Pass
NVNT	a	5785	Ant1	-34.11	-27	Pass
NVNT	a	5825	Ant1	-34.46	-27	Pass
NVNT	n20	5745	Ant1	-33.97	-27	Pass
NVNT	n20	5785	Ant1	-33.43	-27	Pass
NVNT	n20	5825	Ant1	-33.89	-27	Pass
NVNT	n40	5755	Ant1	-34.1	-27	Pass
NVNT	n40	5795	Ant1	-33.49	-27	Pass
NVNT	ac20	5745	Ant1	-34.24	-27	Pass
NVNT	ac20	5785	Ant1	-34.29	-27	Pass
NVNT	ac20	5825	Ant1	-34.26	-27	Pass
NVNT	ac40	5755	Ant1	-34.49	-27	Pass
NVNT	ac40	5795	Ant1	-34.32	-27	Pass
NVNT	ac80	5775	Ant1	-34.59	-27	Pass

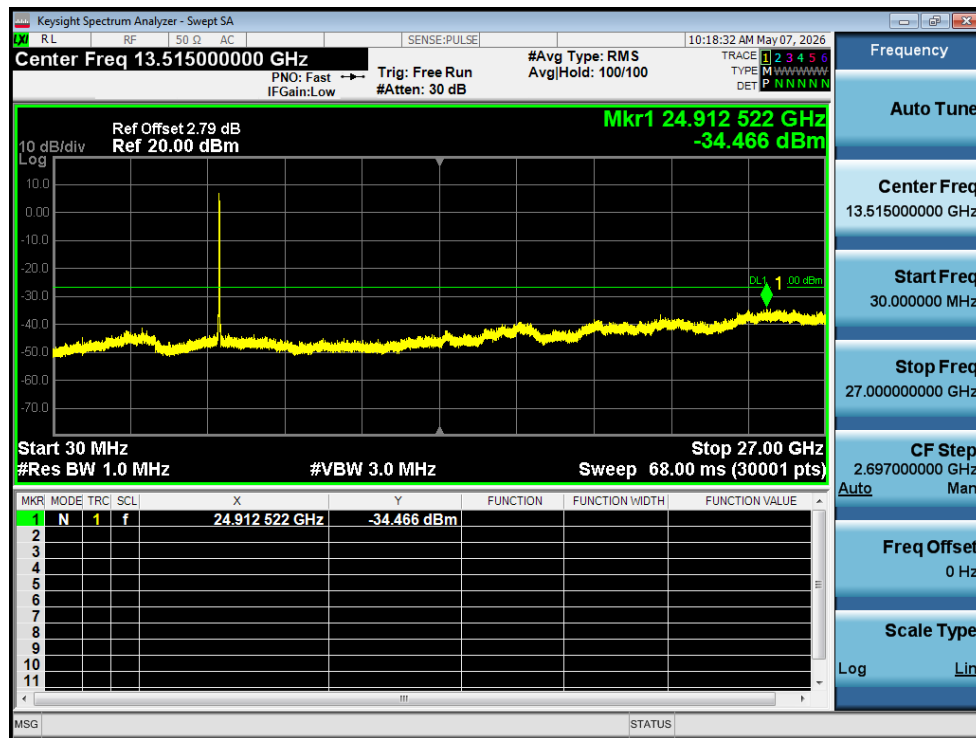
Note: Testing is carried out with frequency rang 30MHz to the 40GHz, above 27GHz not recorded for no spurious point have a margin of less than 20dB with respect to the limits.



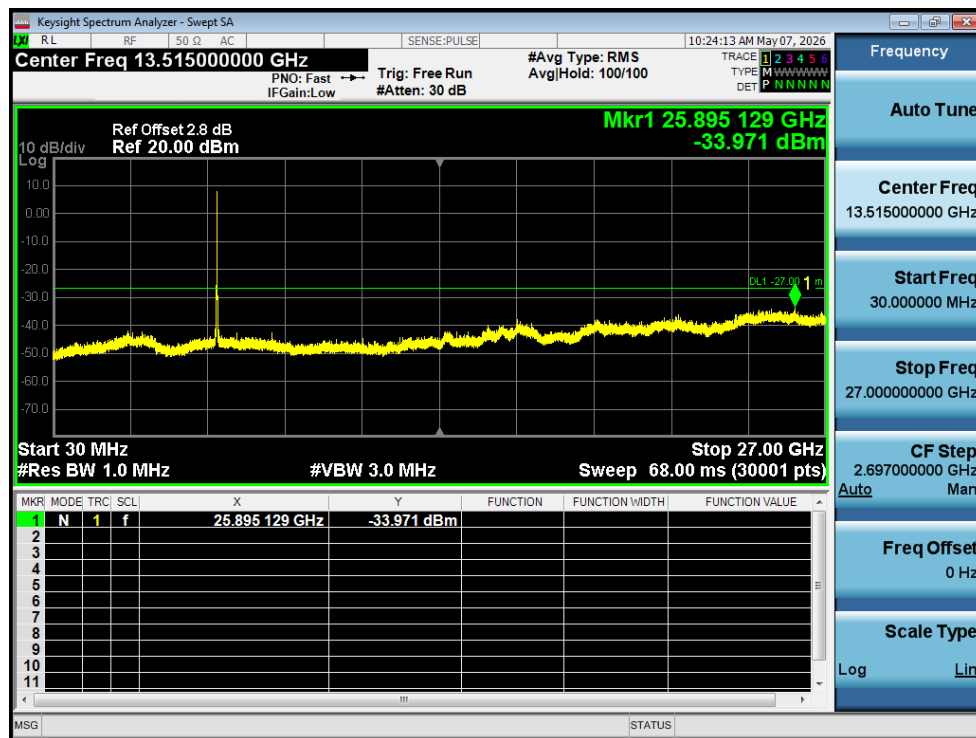
Tx. Spurious NVNT a 5745MHz Ant1 Emission



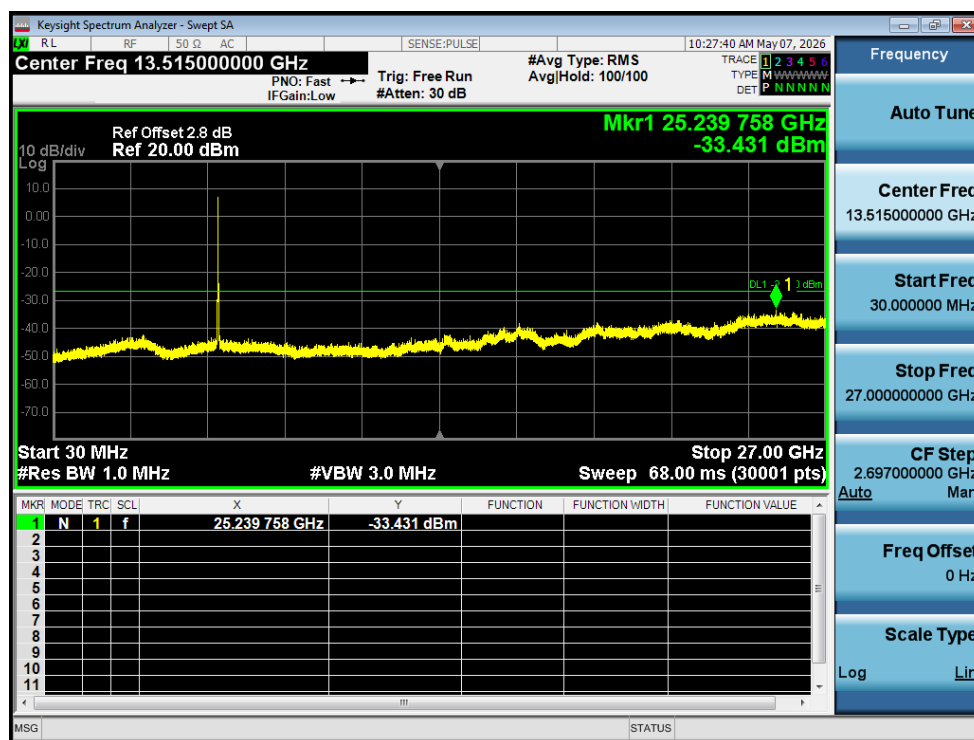
Tx. Spurious NVNT a 5785MHz Ant1 Emission



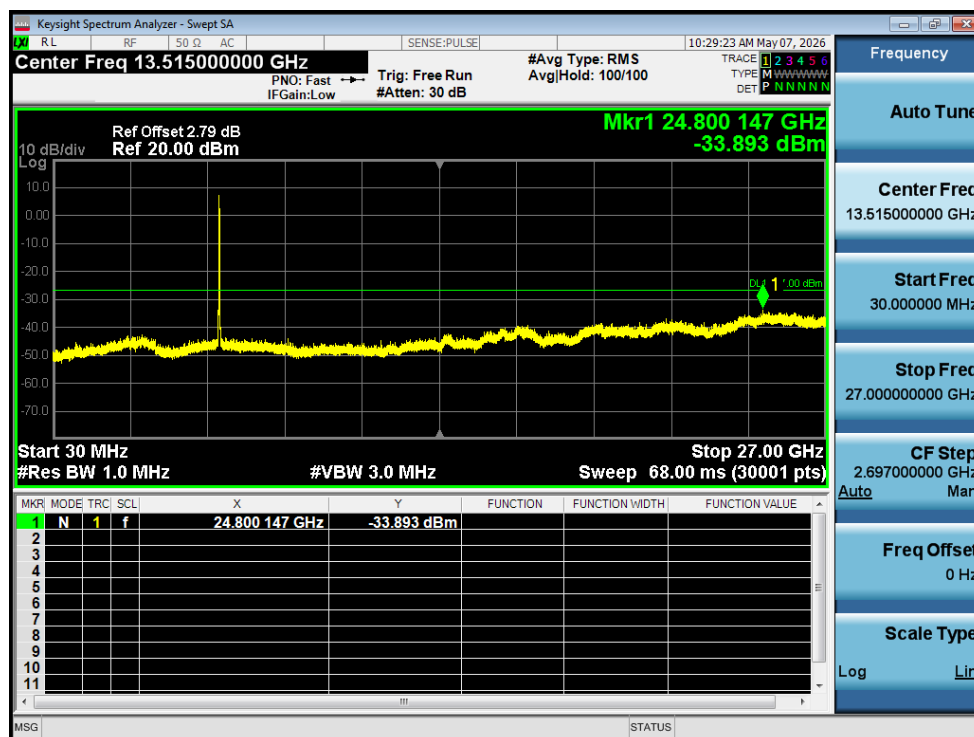
Tx. Spurious NVNT a 5825MHz Ant1 Emission



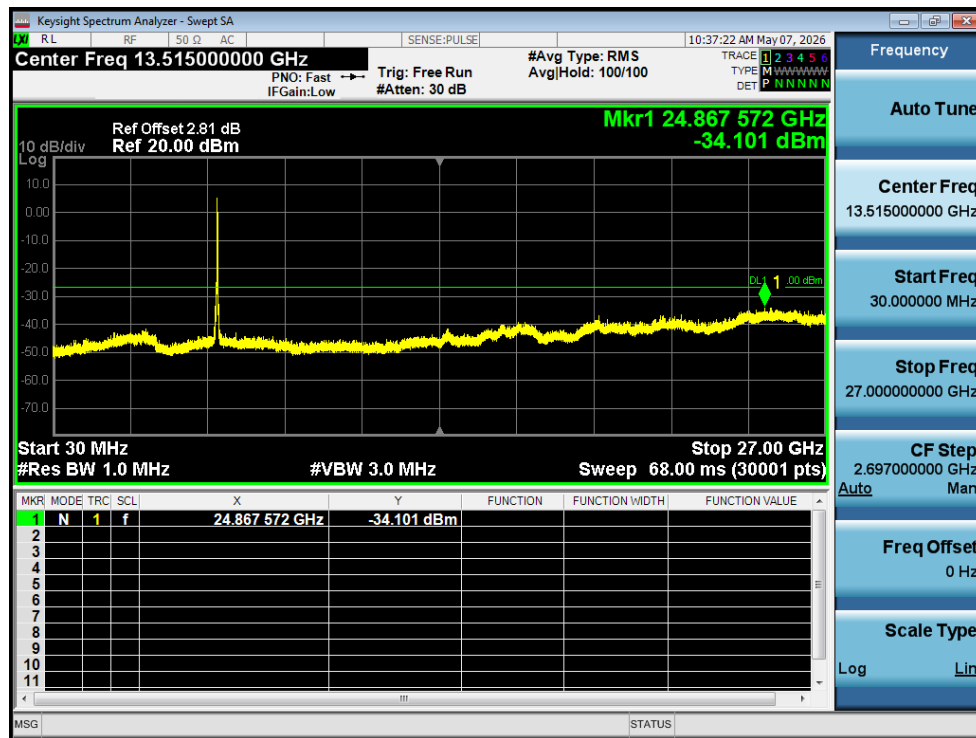
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



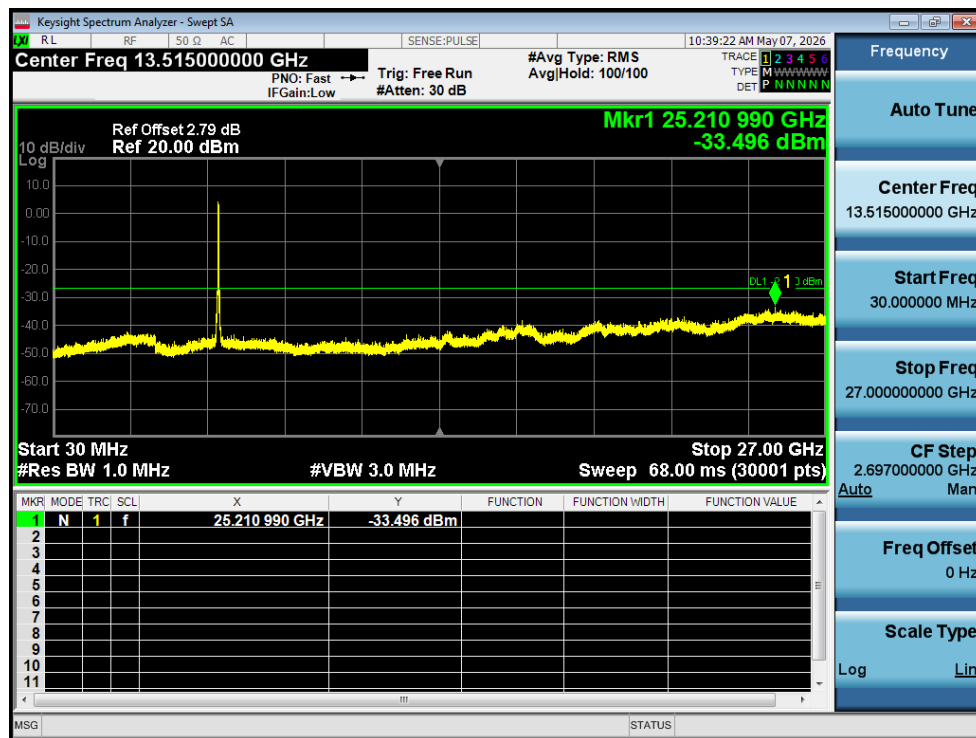
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



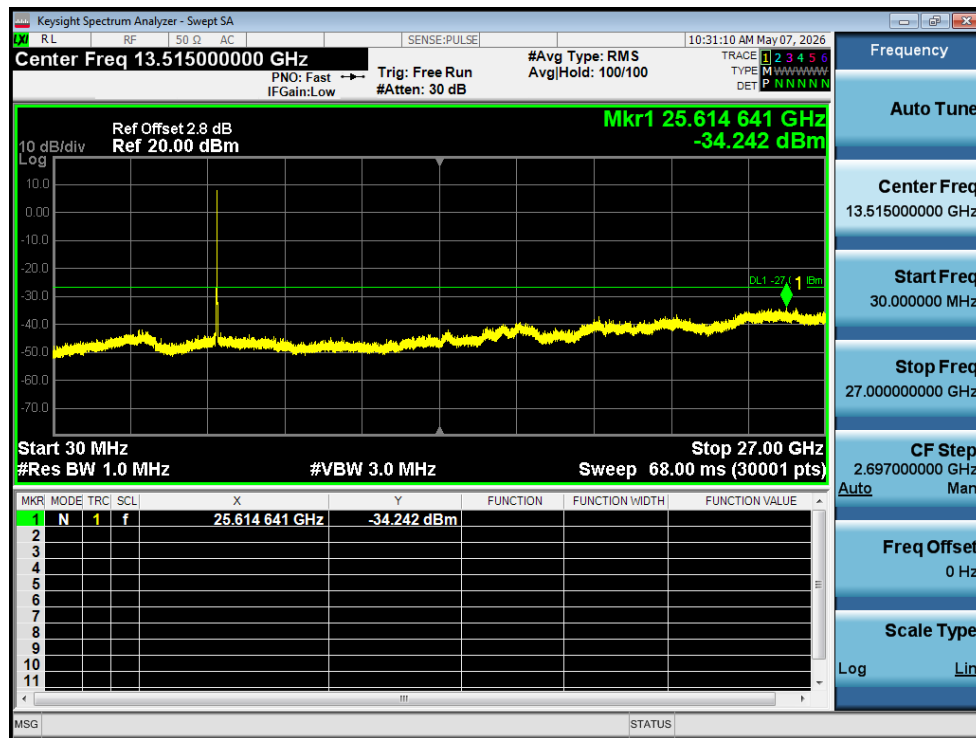
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



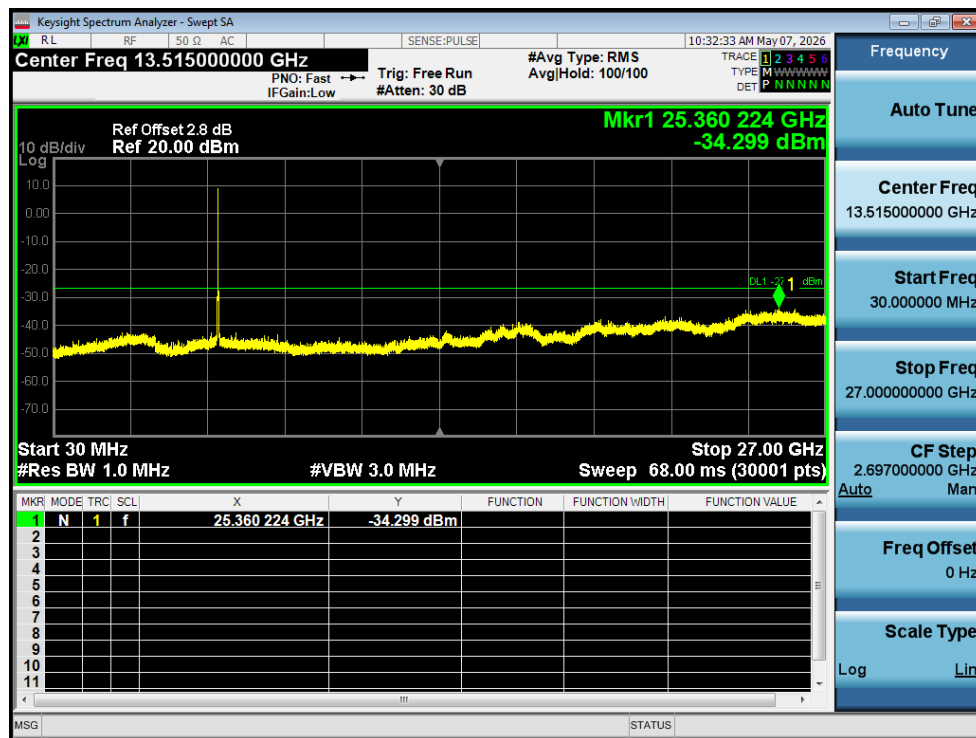
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



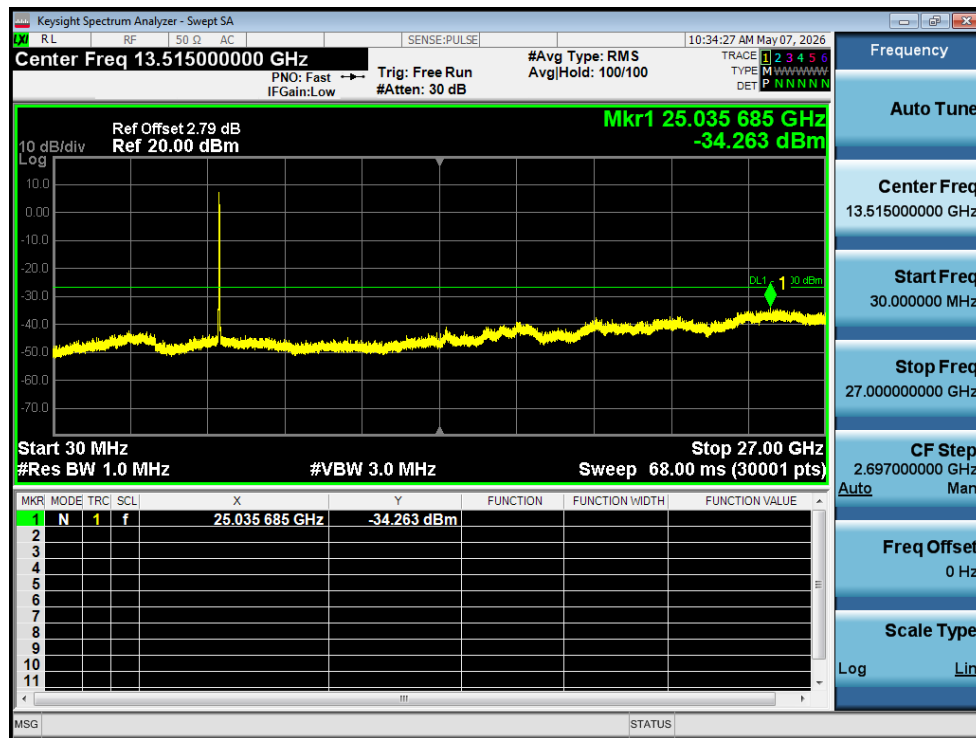
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



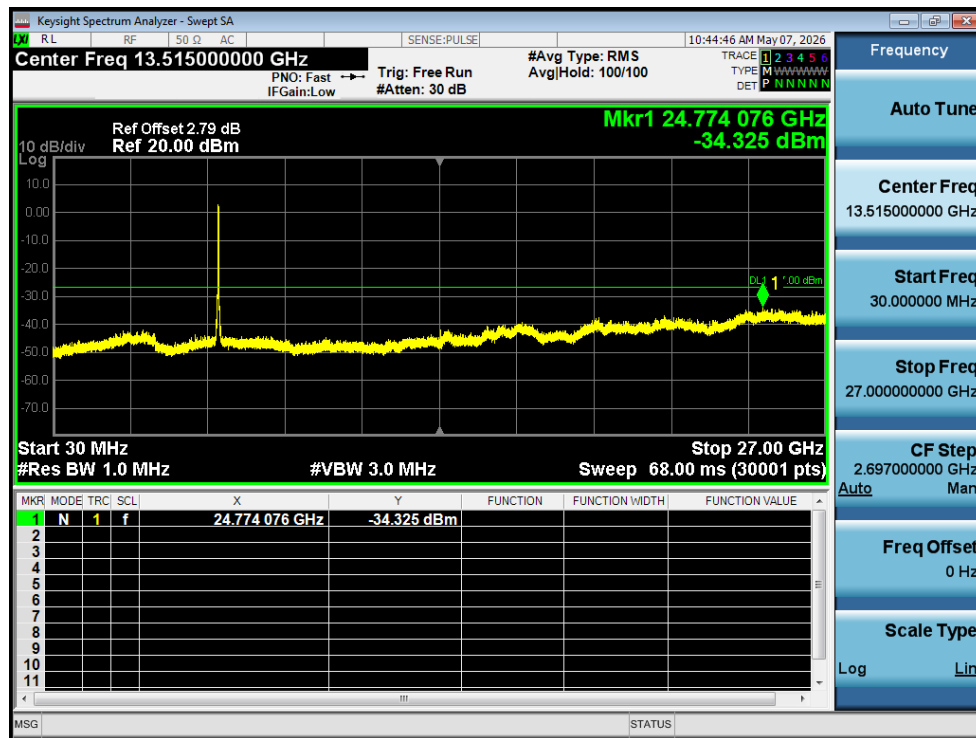
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



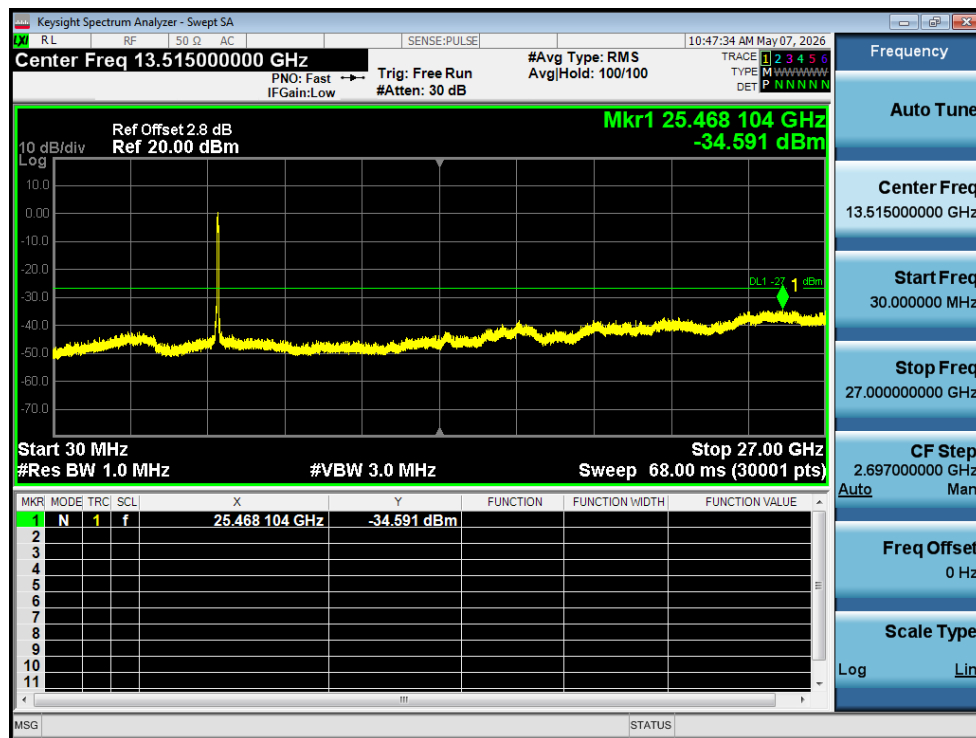
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



Tx. Spurious NVNT ac80 5775MHz Ant1 Emission