

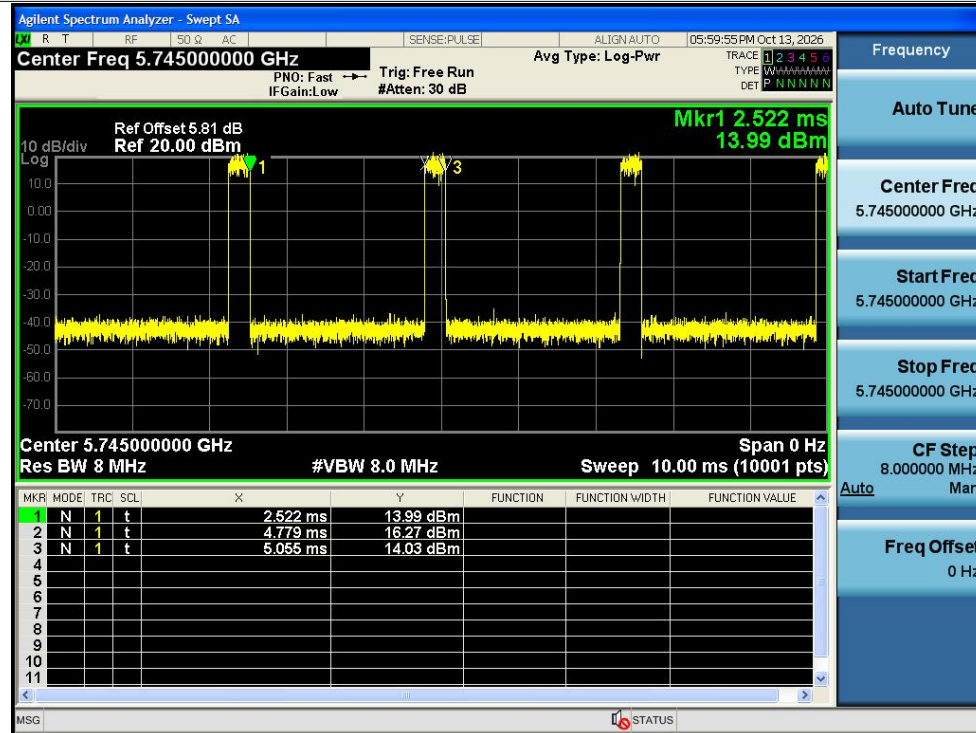
Appendix F 5.8G WIFI

Duty Cycle

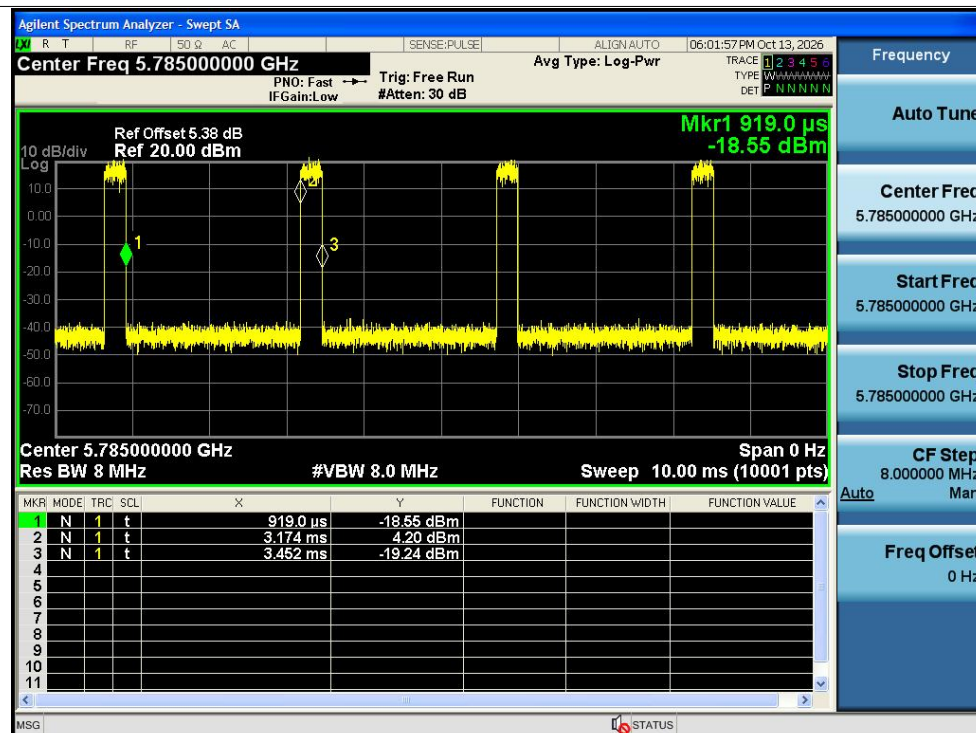
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	10.9	9.63	3.62
NVNT	a	5785	Ant1	10.98	9.59	3.6
NVNT	a	5825	Ant1	10.98	9.59	3.6
NVNT	n20	5745	Ant1	11.62	9.35	3.37
NVNT	n20	5785	Ant1	11.58	9.36	3.38
NVNT	n20	5825	Ant1	11.66	9.33	3.36
NVNT	n40	5755	Ant1	11.13	9.54	3.4
NVNT	n40	5795	Ant1	11.06	9.56	3.42
NVNT	ac20	5745	Ant1	11.8	9.28	3.31
NVNT	ac20	5785	Ant1	11.8	9.28	3.31
NVNT	ac20	5825	Ant1	11.8	9.28	3.31
NVNT	ac40	5755	Ant1	11.79	9.28	3.31
NVNT	ac40	5795	Ant1	11.79	9.28	3.31
NVNT	ax20	5745	Ant1	10.03	9.99	3.75
NVNT	ax20	5785	Ant1	10.03	9.99	3.75
NVNT	ax20	5825	Ant1	10.03	9.99	3.75
NVNT	ax40	5755	Ant1	9.98	10.01	3.77
NVNT	ax40	5795	Ant1	10.02	9.99	3.76

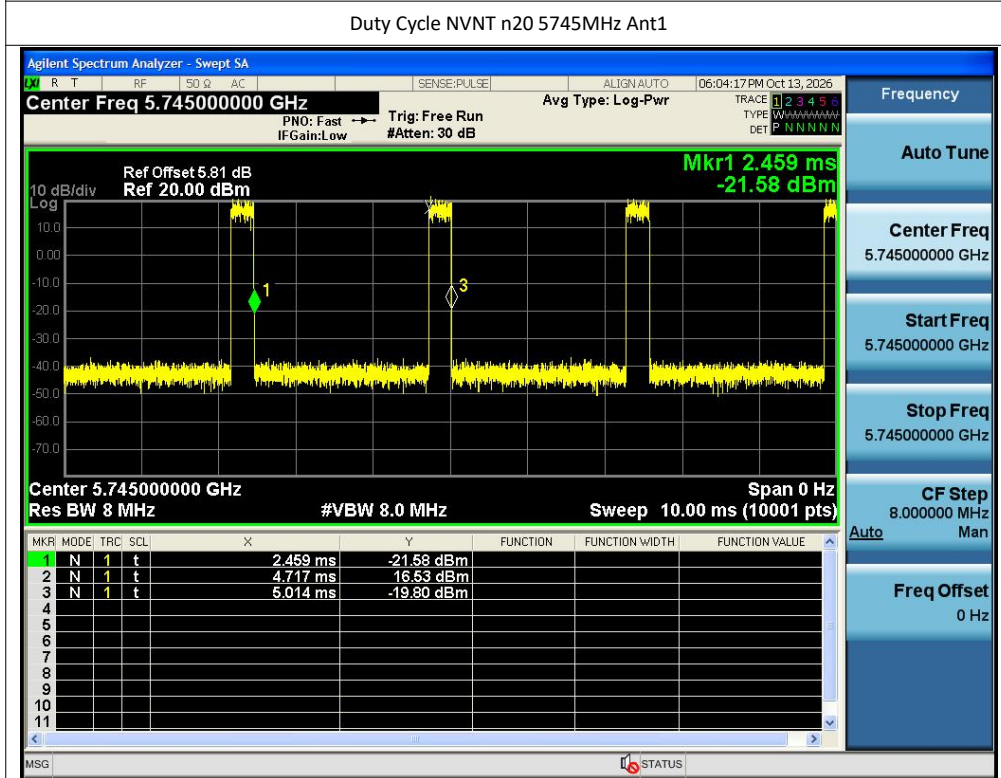
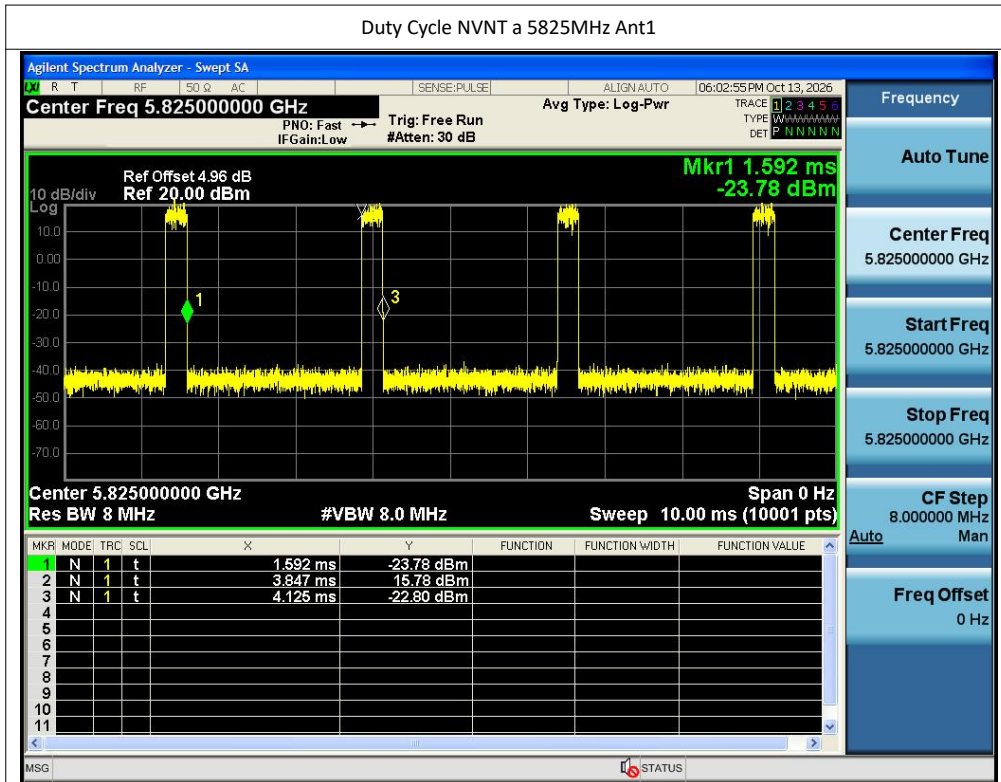
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

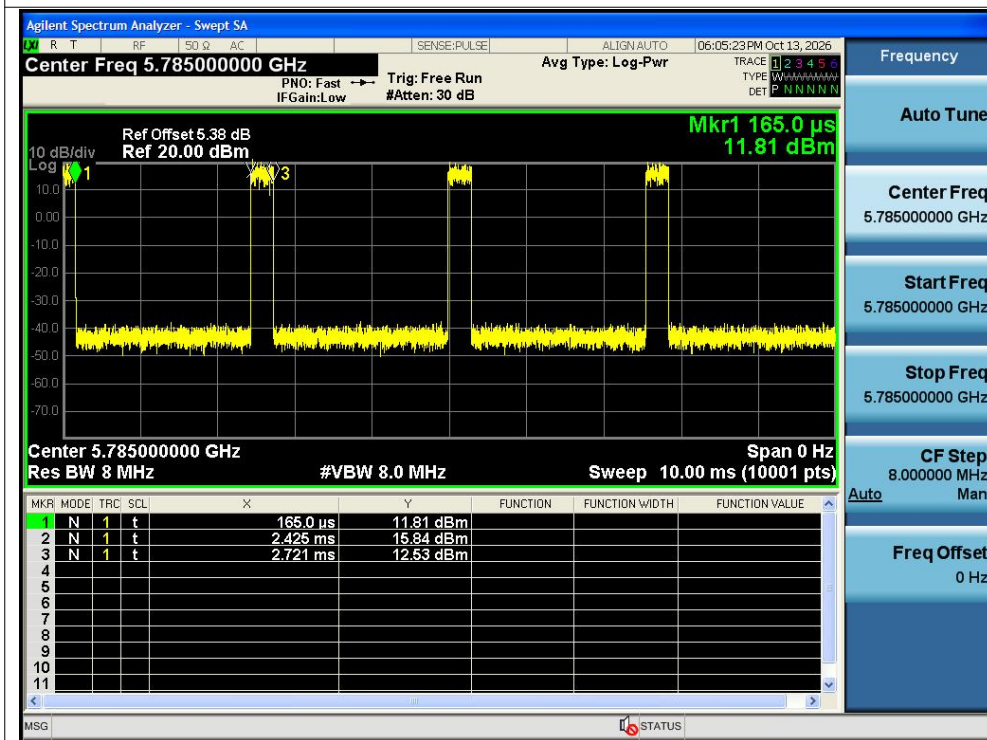


Duty Cycle NVNT a 5785MHz Ant1

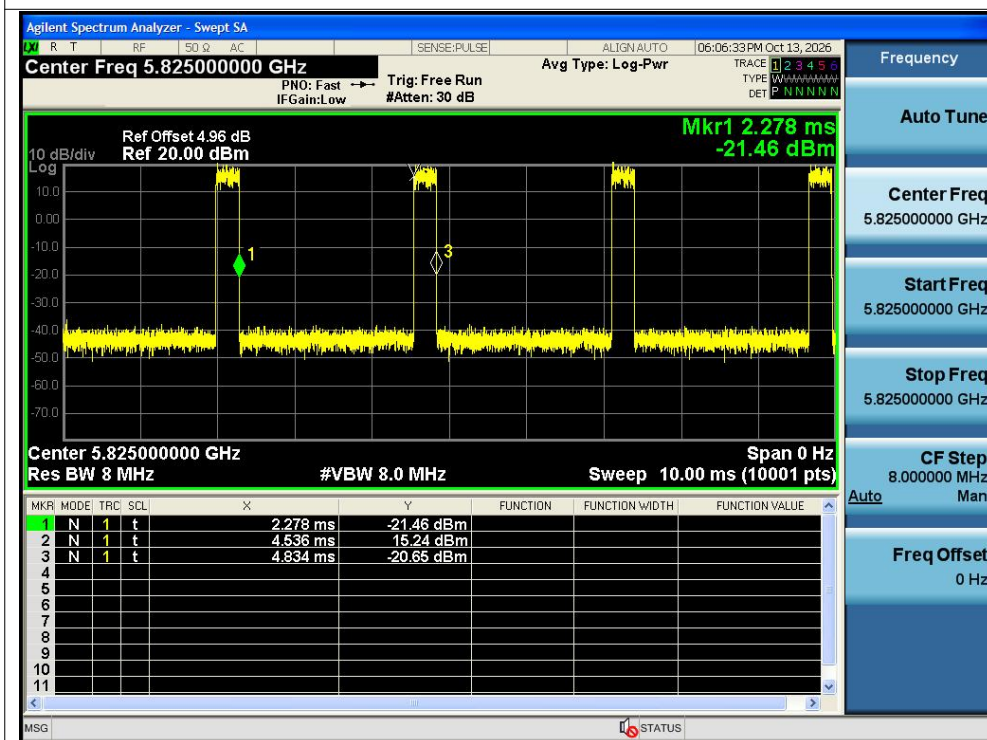




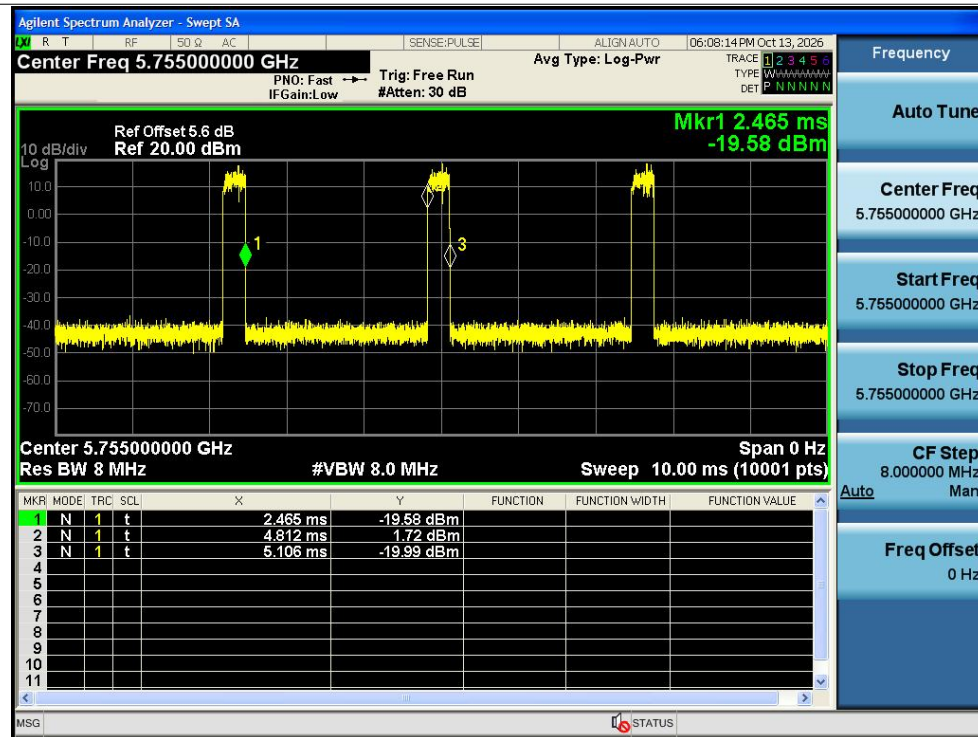
Duty Cycle NVNT n20 5785MHz Ant1



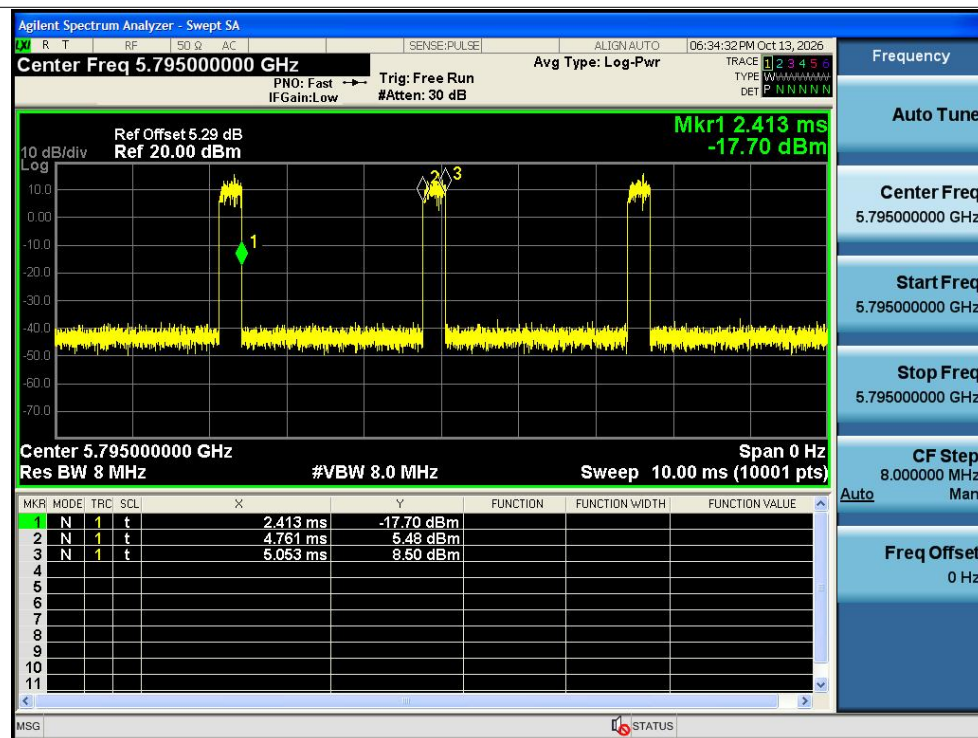
Duty Cycle NVNT n20 5825MHz Ant1



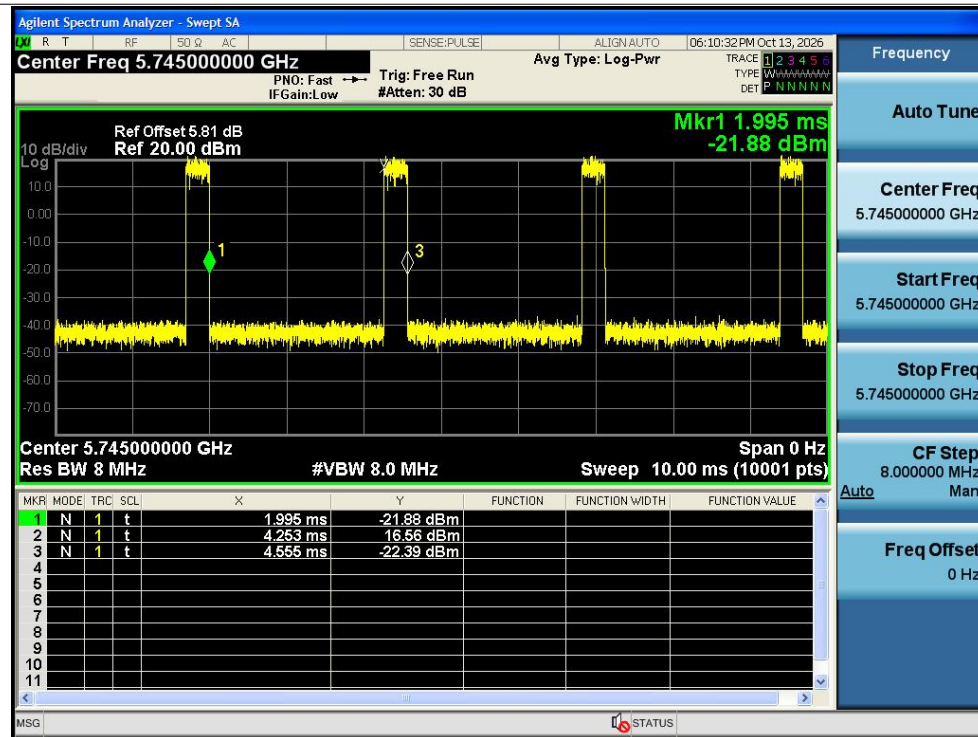
Duty Cycle NVNT n40 5755MHz Ant1



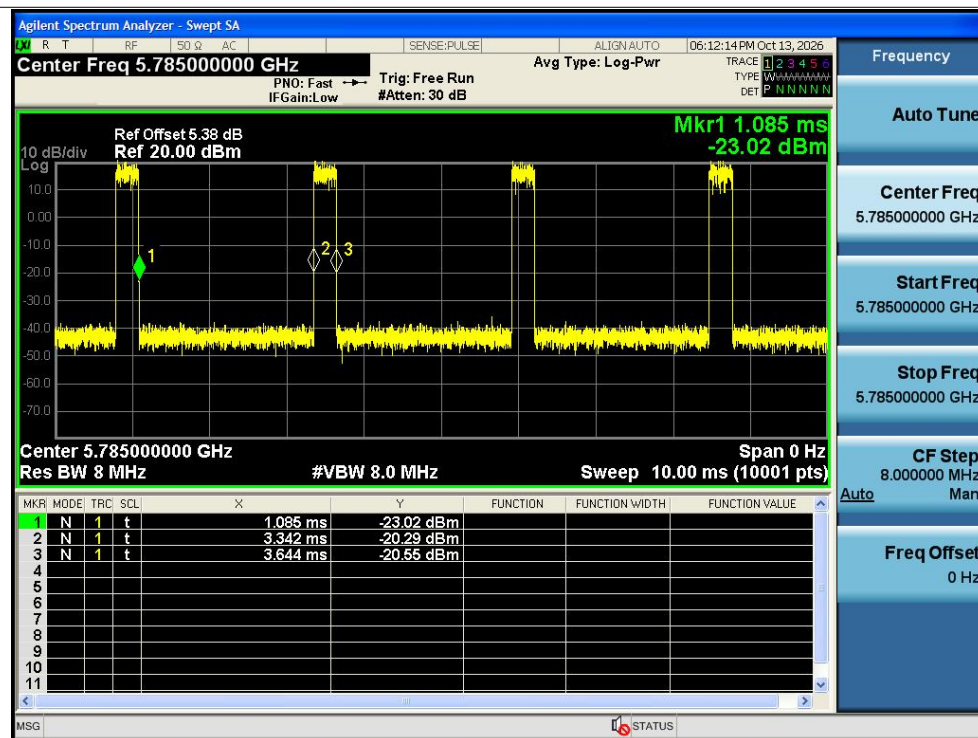
Duty Cycle NVNT n40 5795MHz Ant1



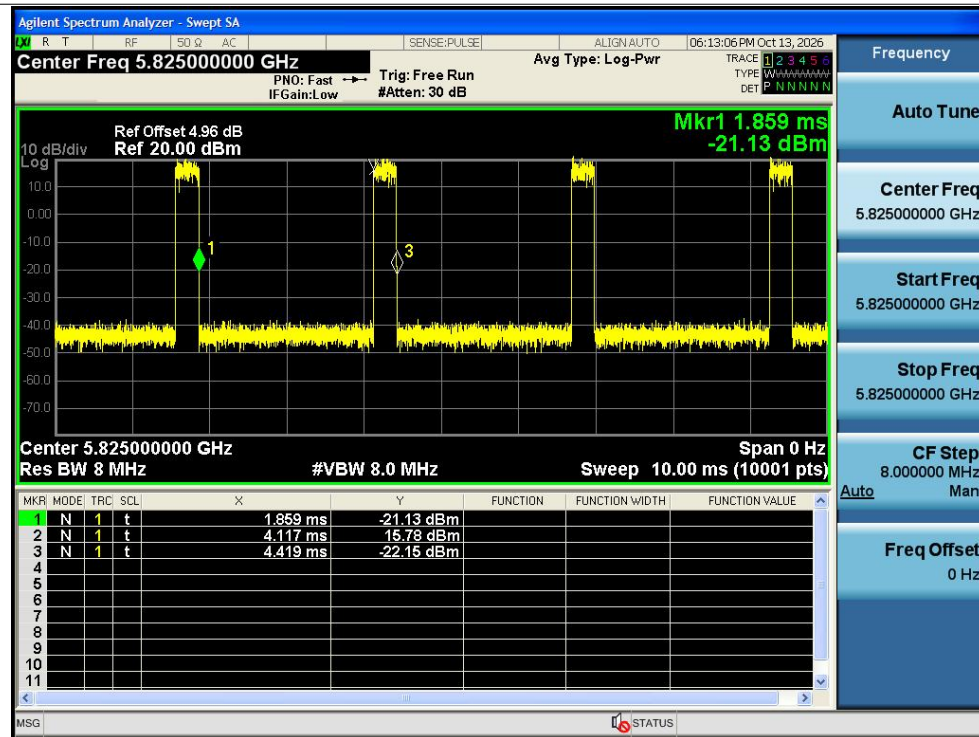
Duty Cycle NVNT ac20 5745MHz Ant1



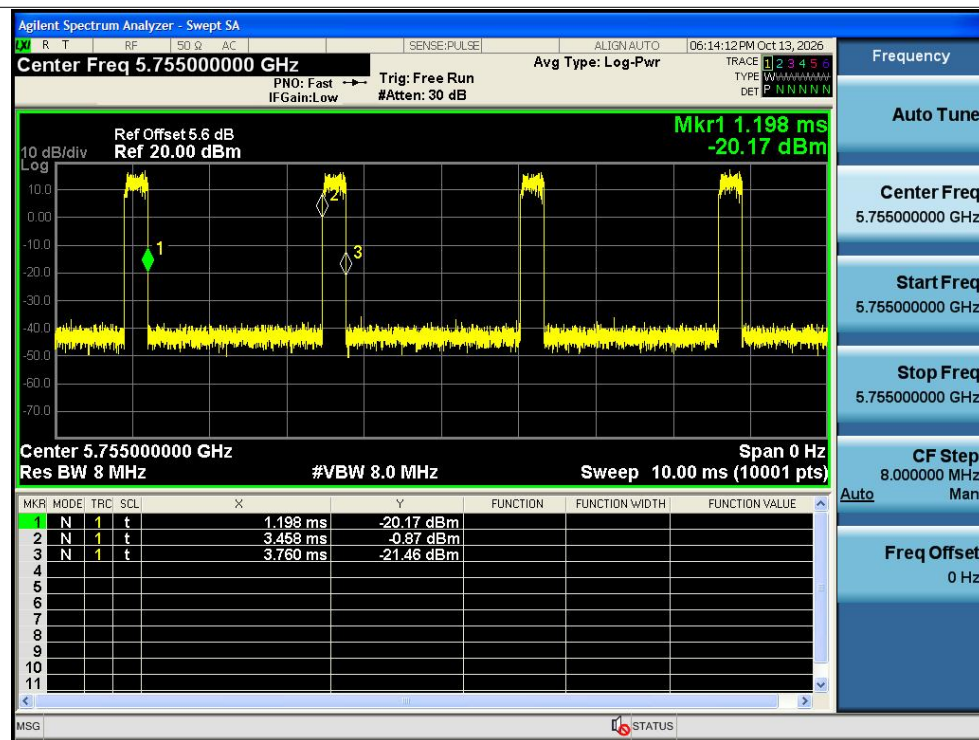
Duty Cycle NVNT ac20 5785MHz Ant1



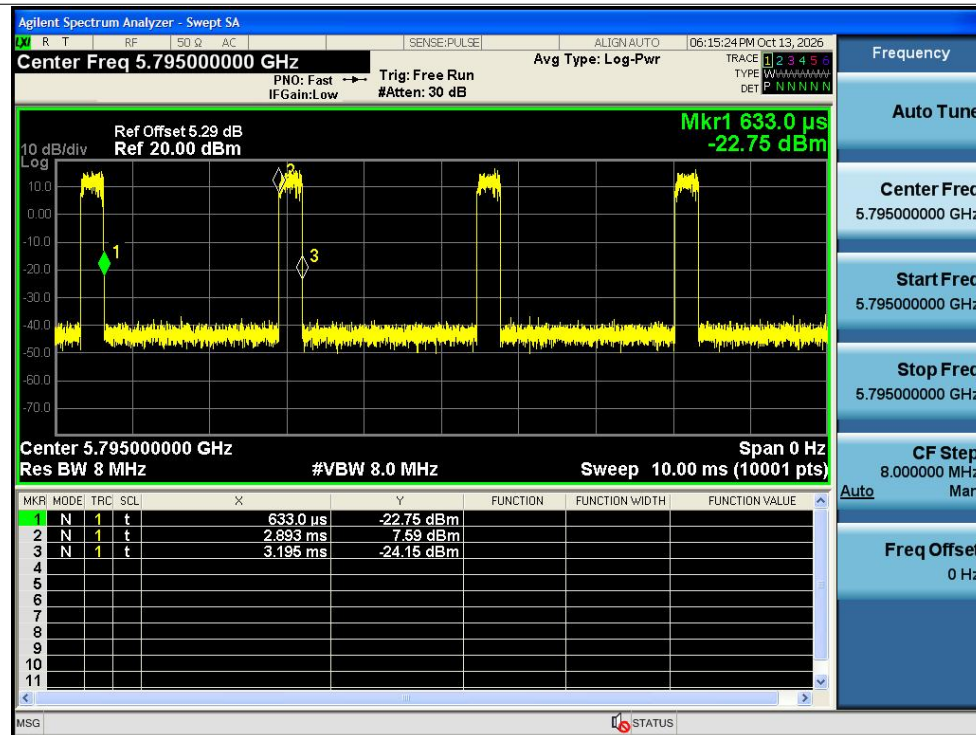
Duty Cycle NVNT ac20 5825MHz Ant1



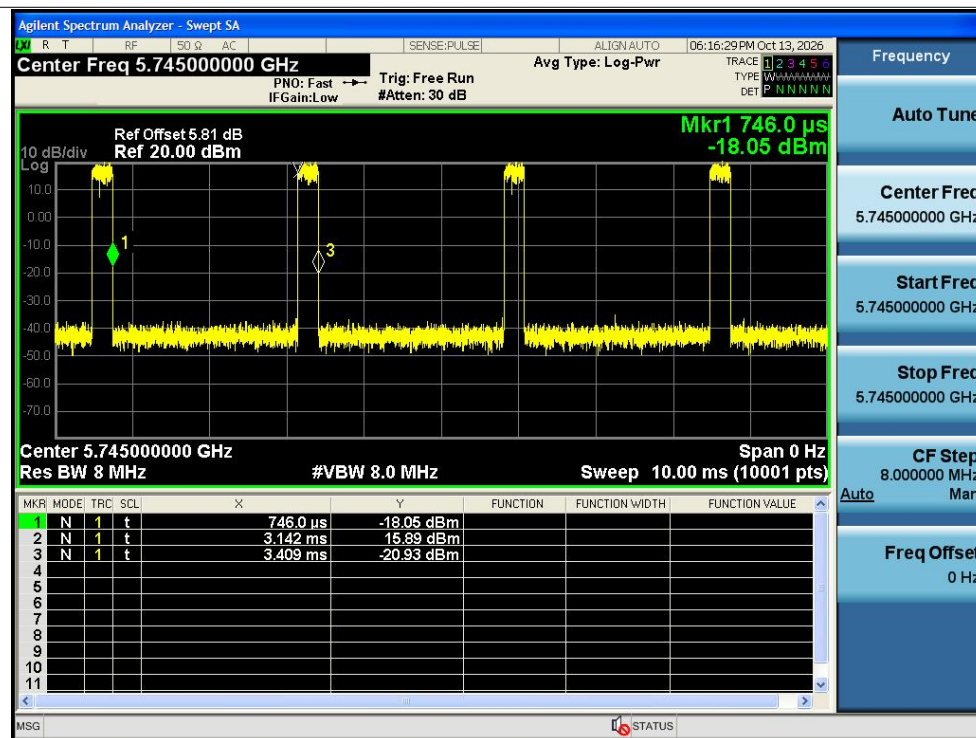
Duty Cycle NVNT ac40 5755MHz Ant1



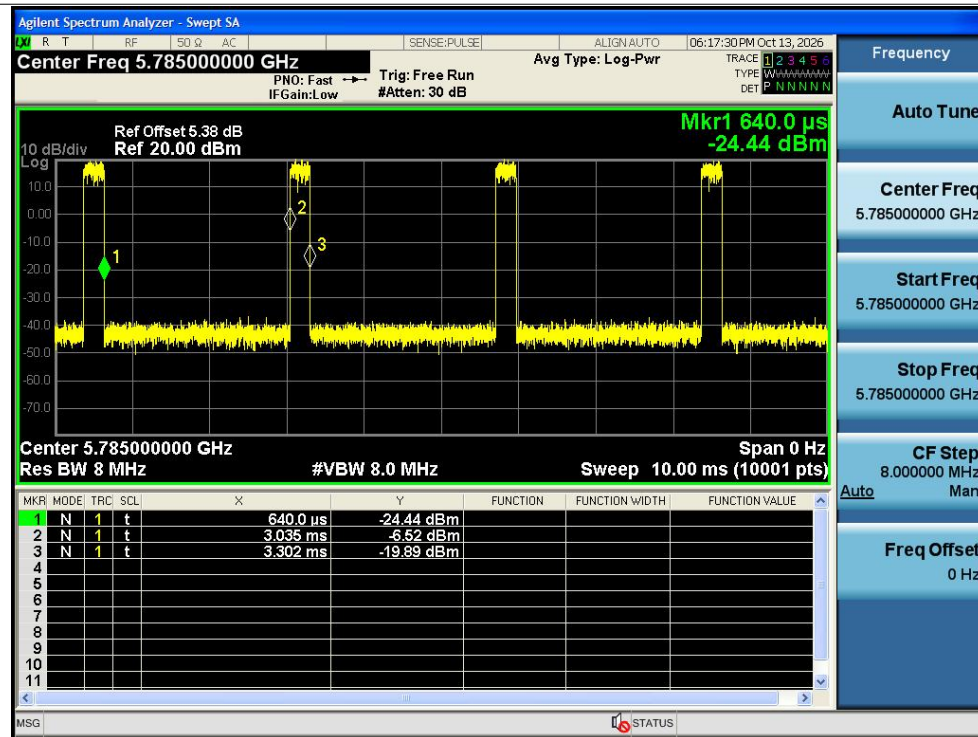
Duty Cycle NVNT ac40 5795MHz Ant1



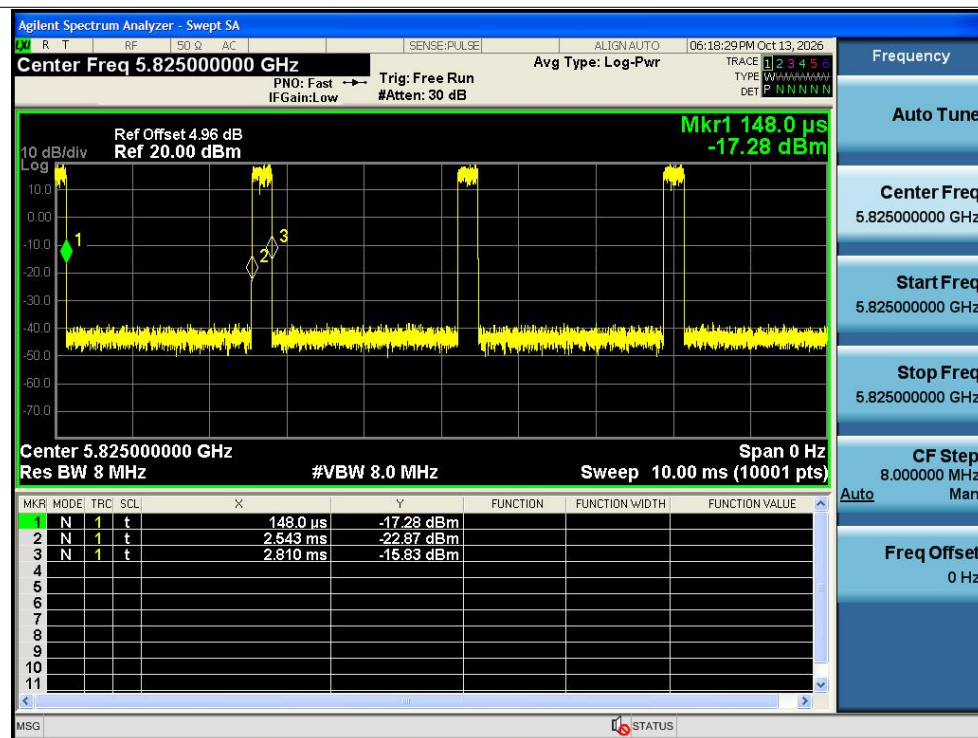
Duty Cycle NVNT ax20 5745MHz Ant1



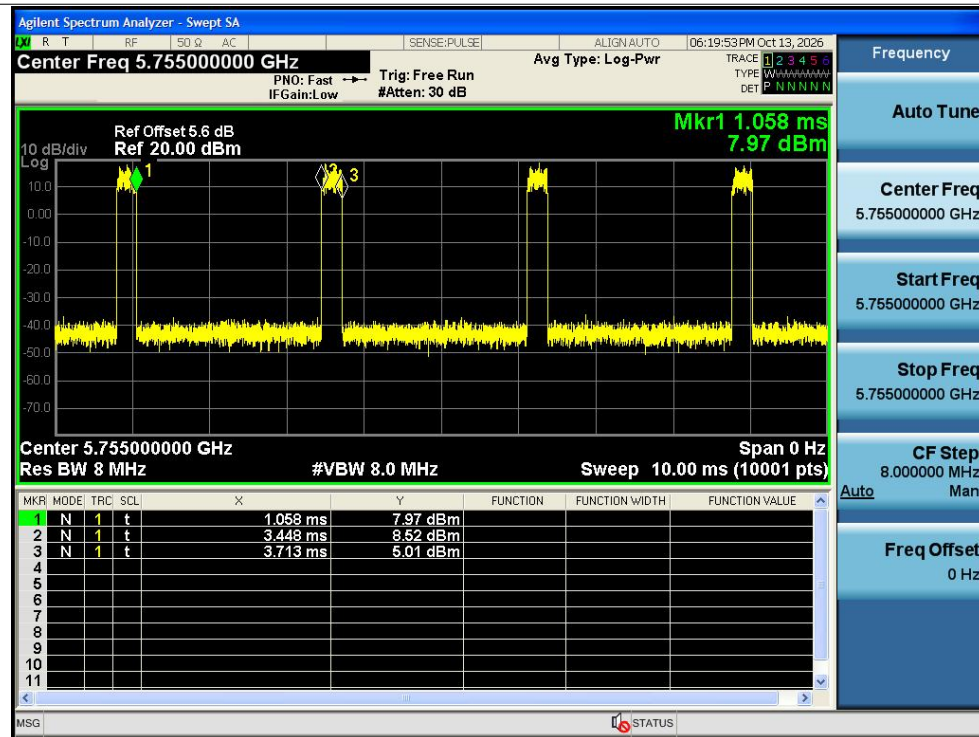
Duty Cycle NVNT ax20 5785MHz Ant1



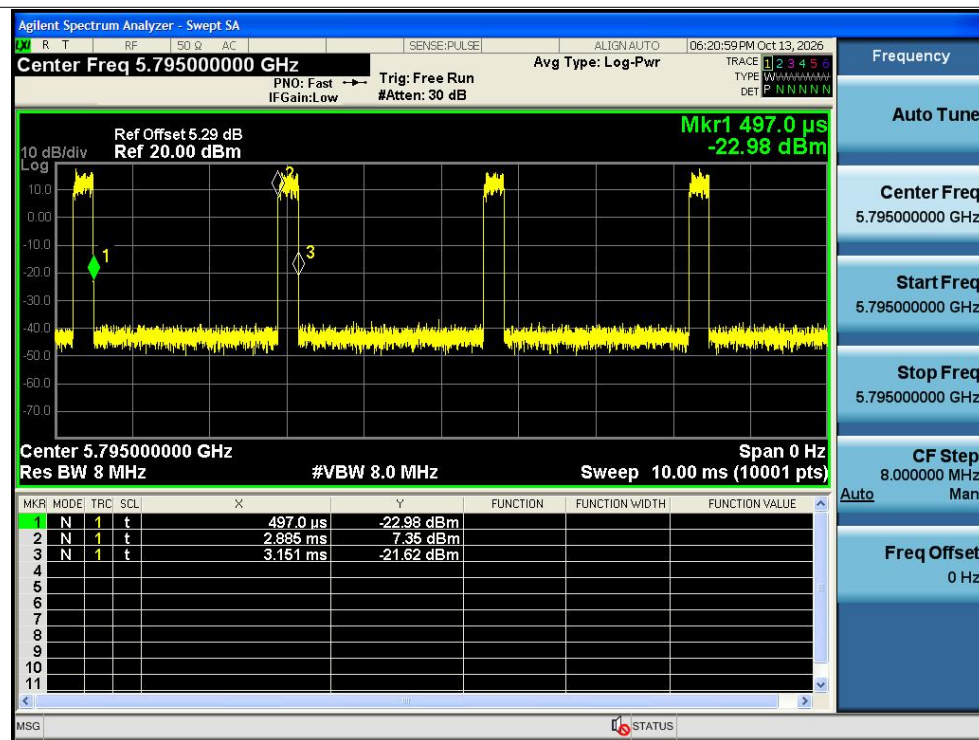
Duty Cycle NVNT ax20 5825MHz Ant1



Duty Cycle NVNT ax40 5755MHz Ant1



Duty Cycle NVNT ax40 5795MHz Ant1

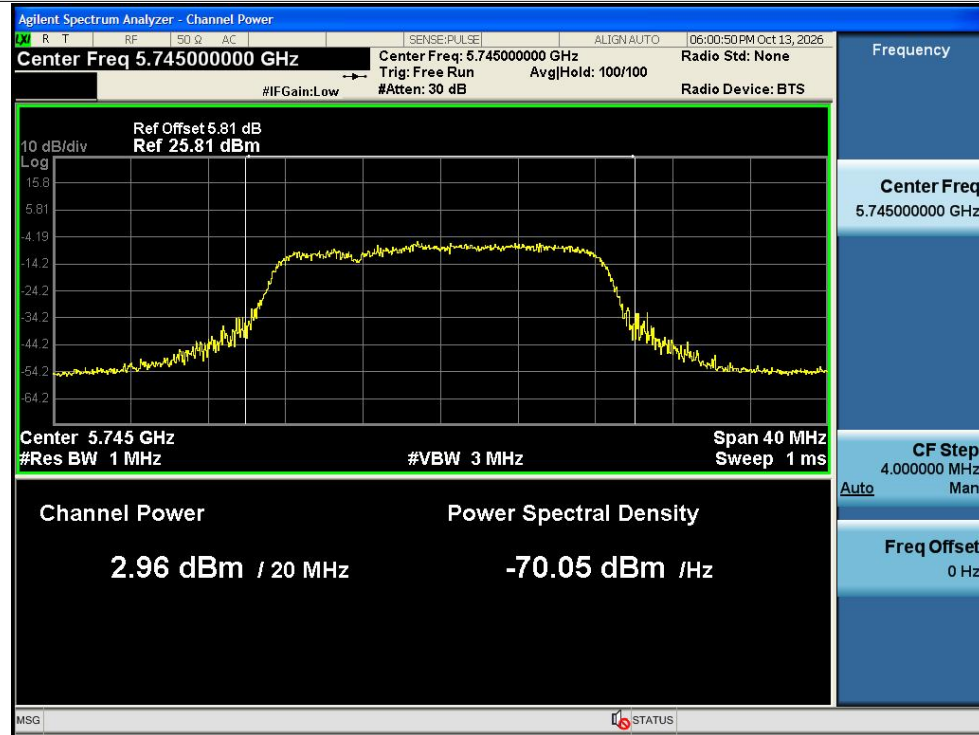


Maximum Conducted Output Power

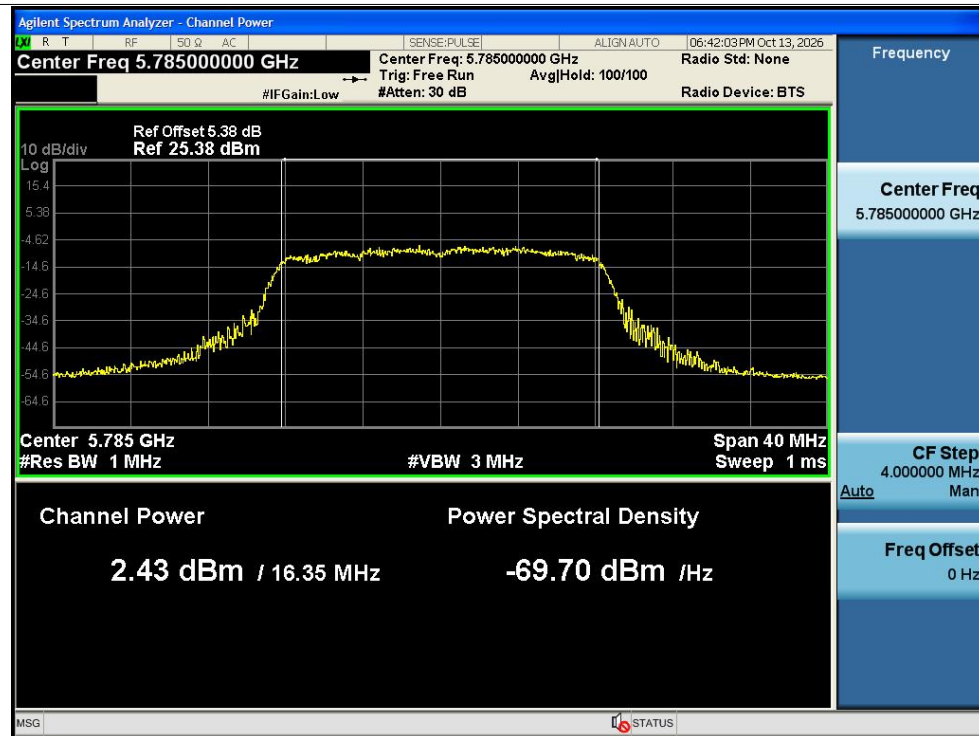
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	2.96	9.63	12.59	30	Pass
NVNT	a	5785	Ant1	2.43	9.59	12.02	30	Pass
NVNT	a	5825	Ant1	2.89	9.59	12.48	30	Pass
NVNT	n20	5745	Ant1	2.79	9.35	12.14	30	Pass
NVNT	n20	5785	Ant1	3.48	9.36	12.84	30	Pass
NVNT	n20	5825	Ant1	3.59	9.33	12.92	30	Pass
NVNT	n40	5755	Ant1	2.74	9.54	12.28	30	Pass
NVNT	n40	5795	Ant1	2.82	9.56	12.38	30	Pass
NVNT	ac20	5745	Ant1	3.03	9.28	12.31	30	Pass
NVNT	ac20	5785	Ant1	2.79	9.28	12.07	30	Pass
NVNT	ac20	5825	Ant1	2.84	9.28	12.12	30	Pass
NVNT	ac40	5755	Ant1	3.1	9.28	12.38	30	Pass
NVNT	ac40	5795	Ant1	3.22	9.28	12.5	30	Pass
NVNT	ax20	5745	Ant1	2.74	9.99	12.73	30	Pass
NVNT	ax20	5785	Ant1	2.01	9.99	12	30	Pass
NVNT	ax20	5825	Ant1	2.19	9.99	12.18	30	Pass
NVNT	ax40	5755	Ant1	2.42	10.01	12.43	30	Pass
NVNT	ax40	5795	Ant1	2.76	9.99	12.75	30	Pass

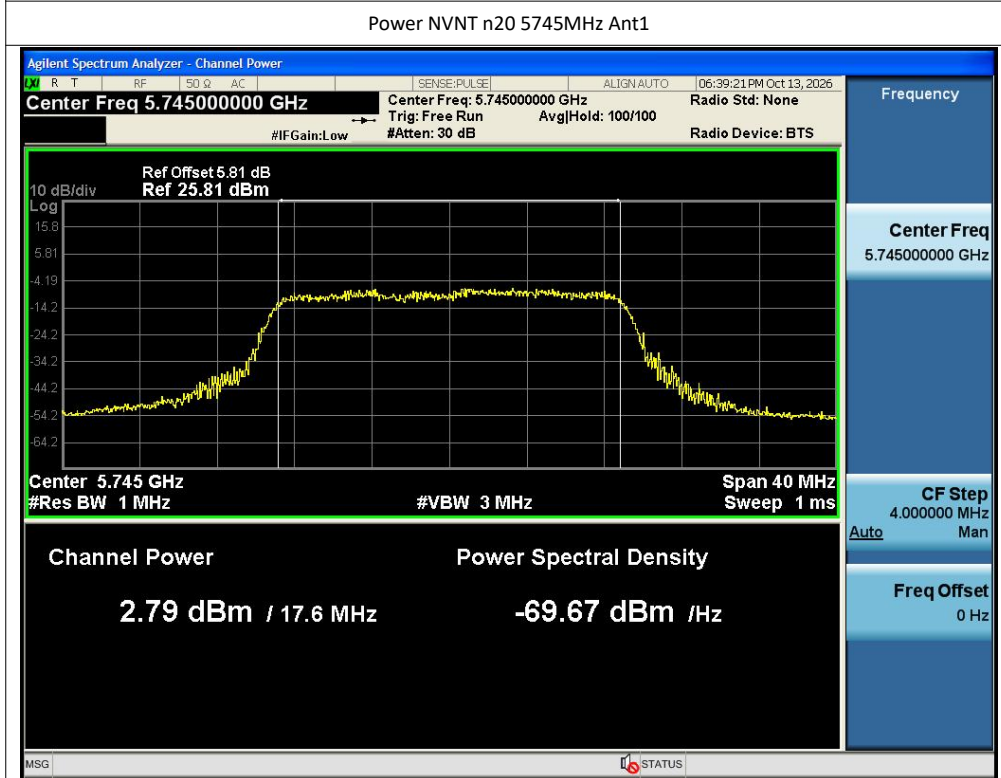
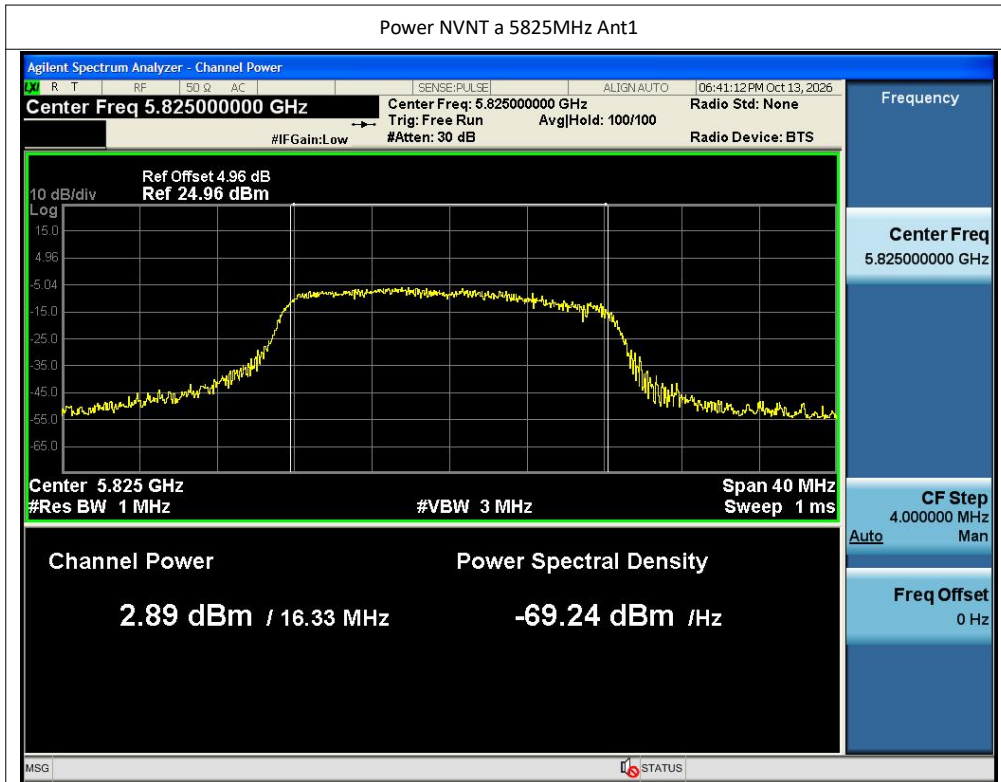
Test Graphs

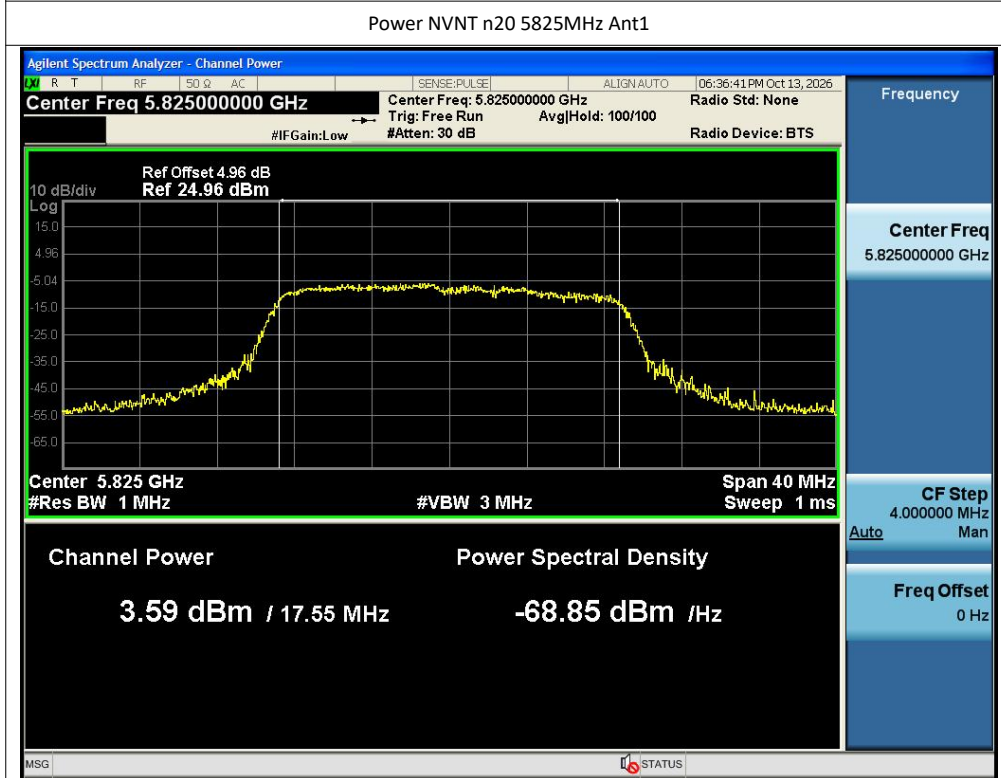
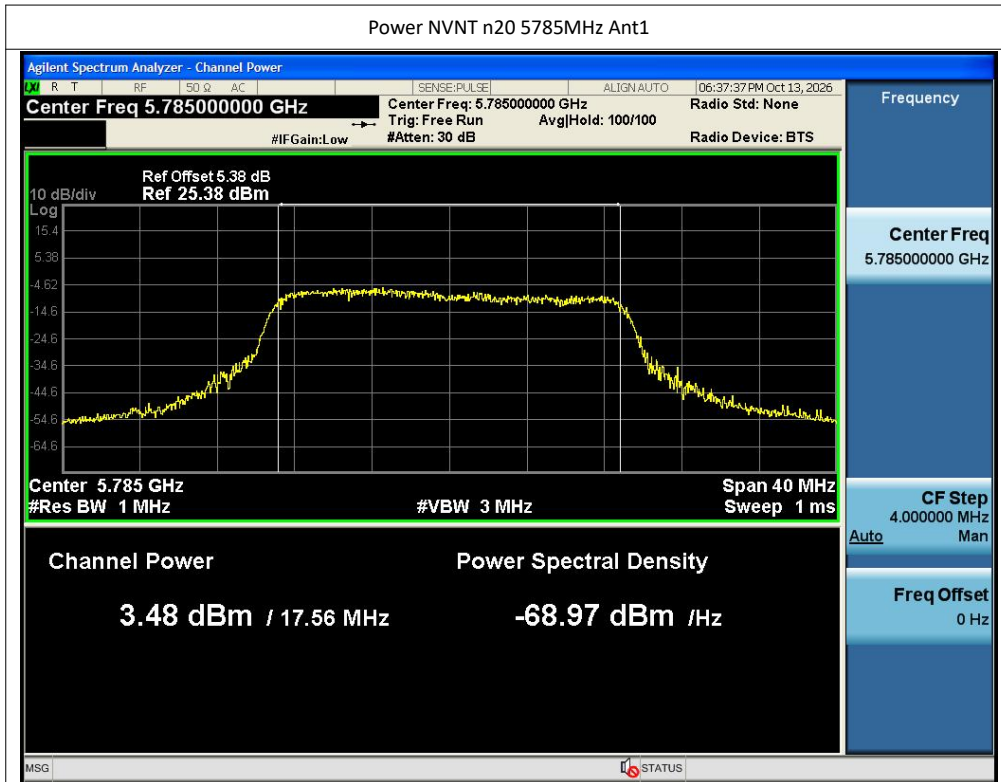
Power NVNT a 5745MHz Ant1

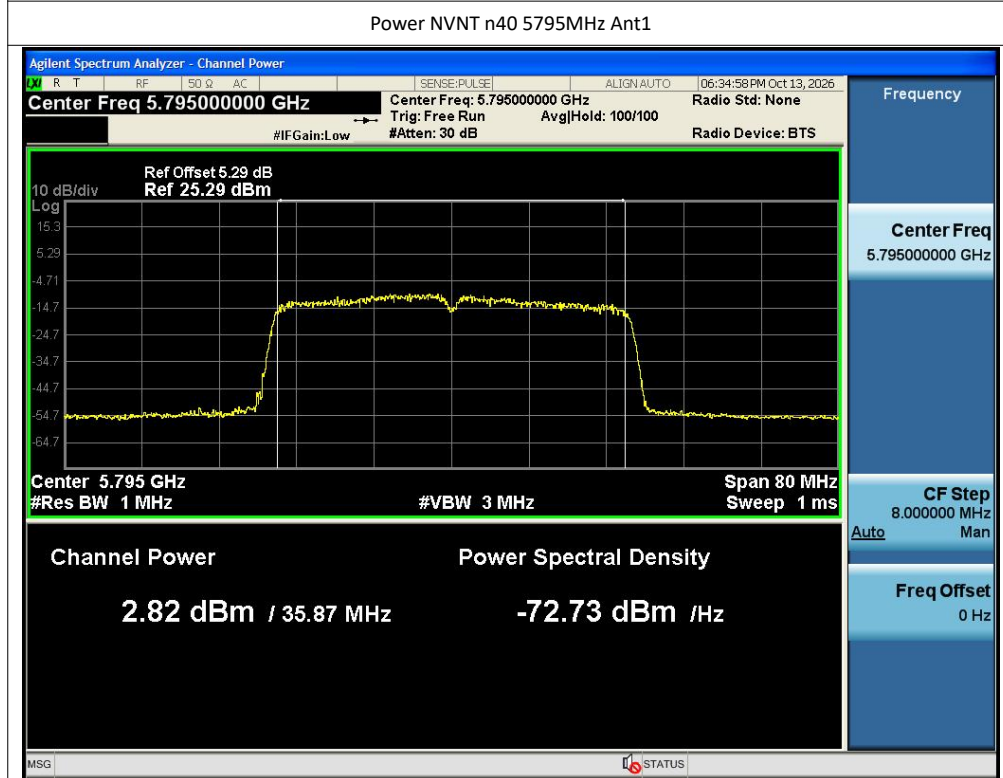
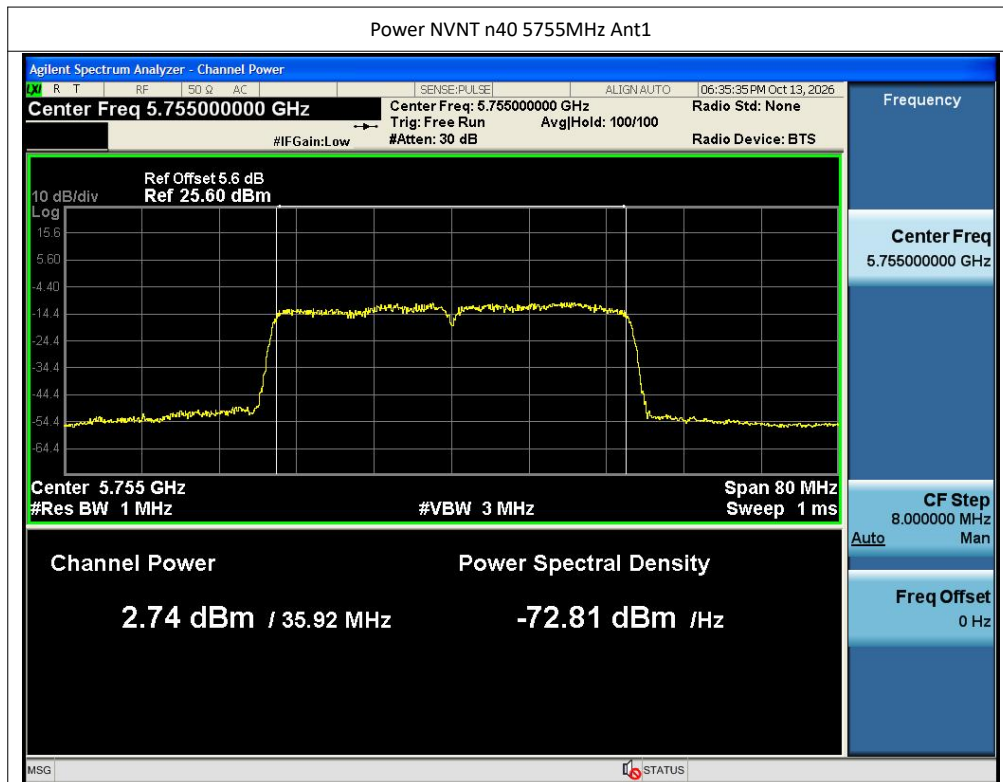


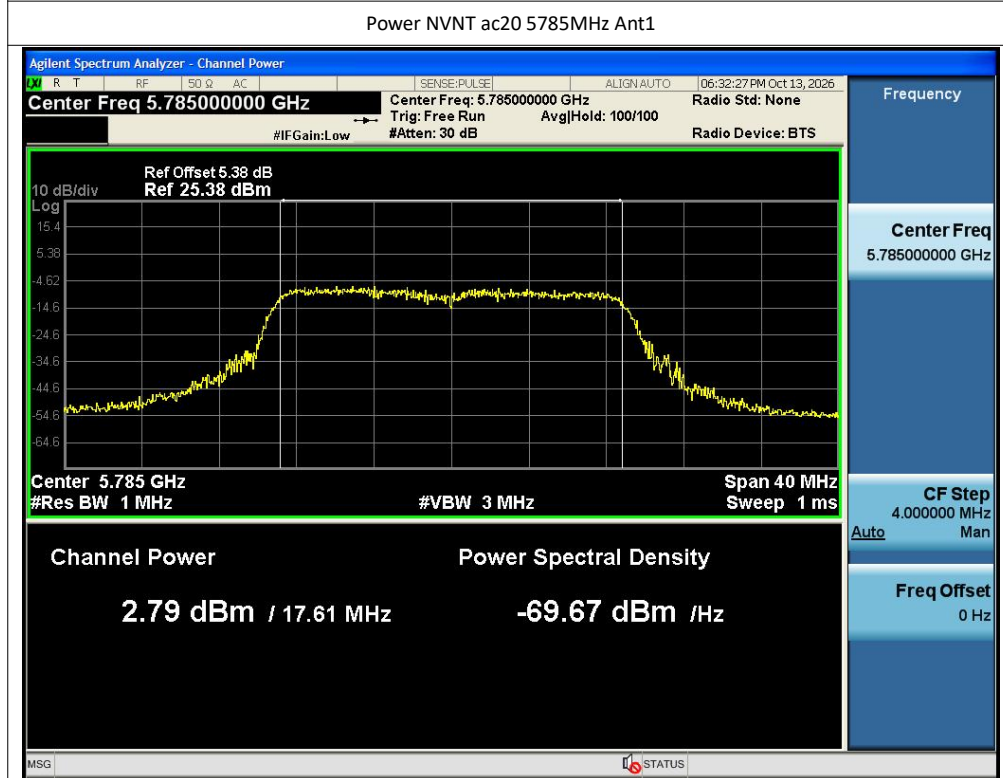
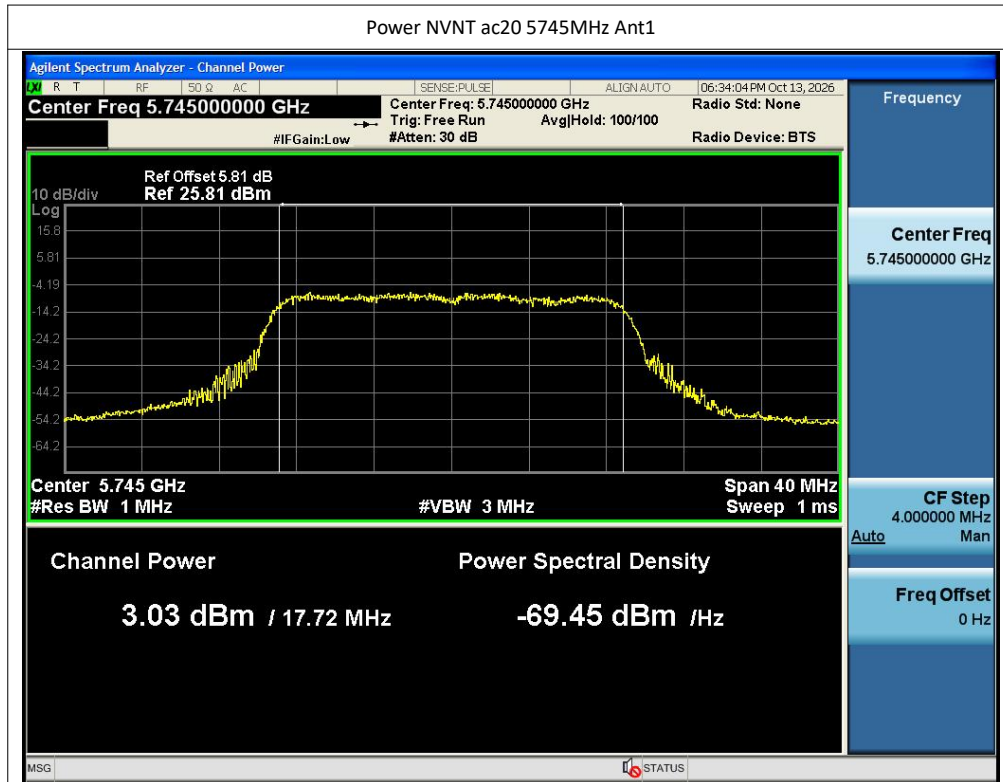
Power NVNT a 5785MHz Ant1

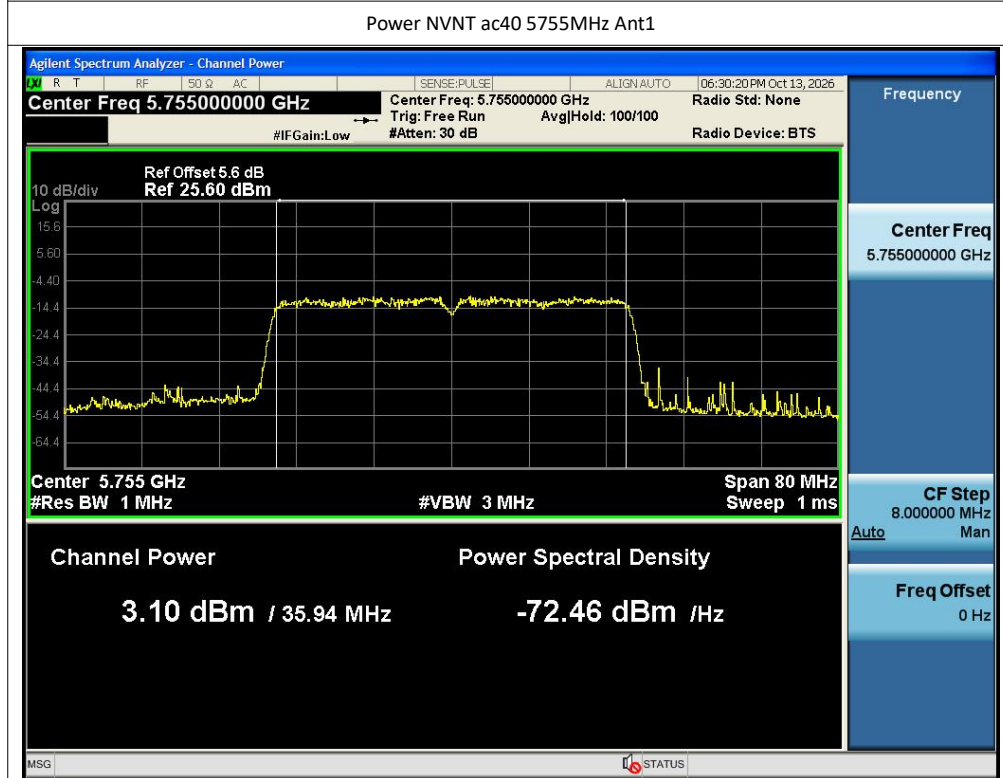
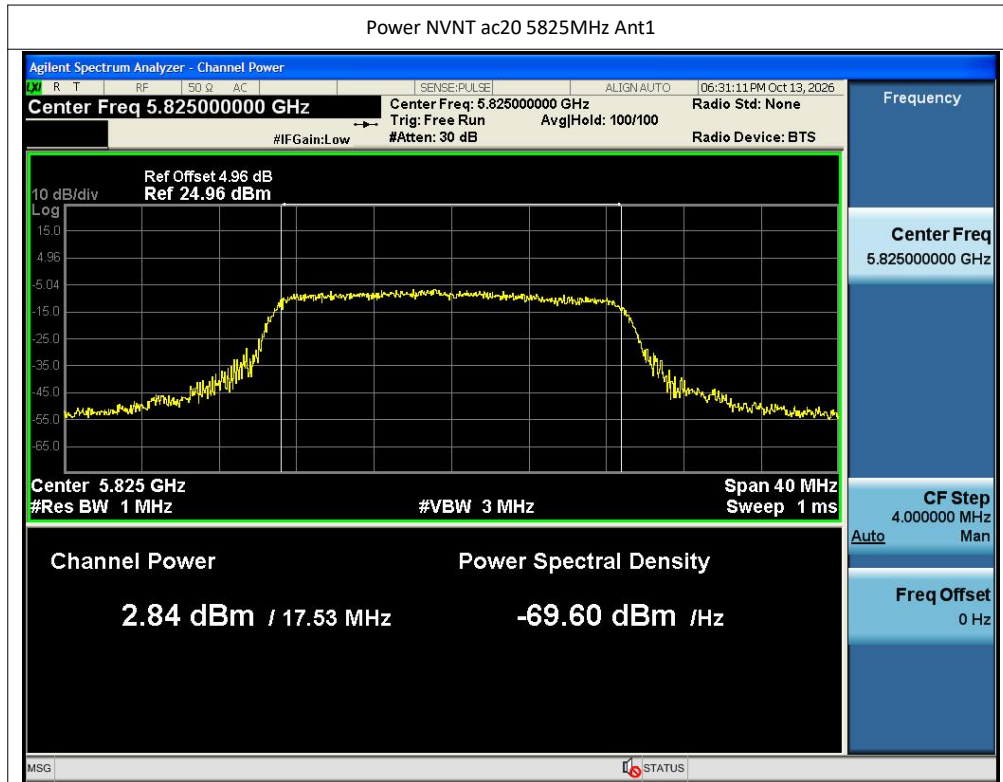


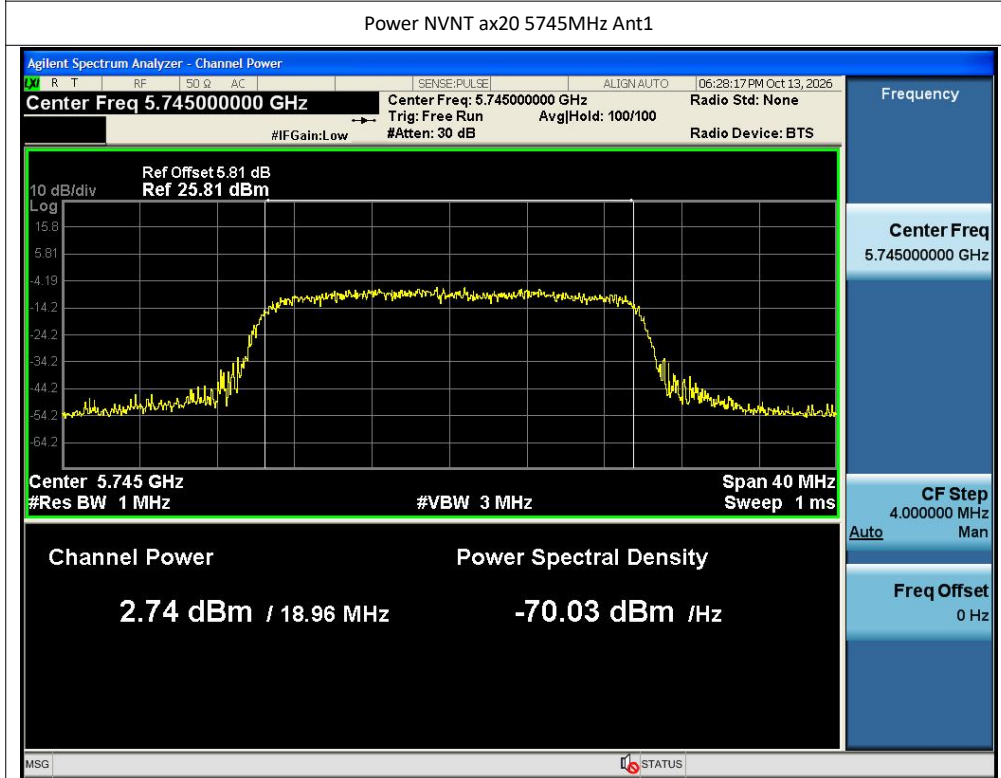
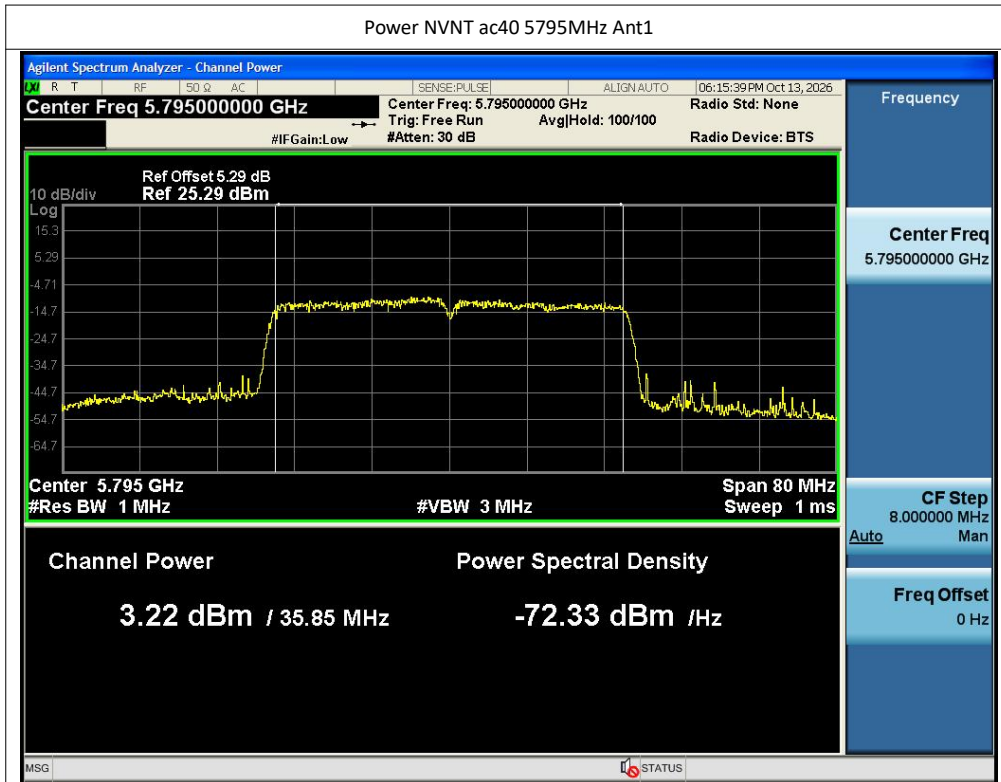


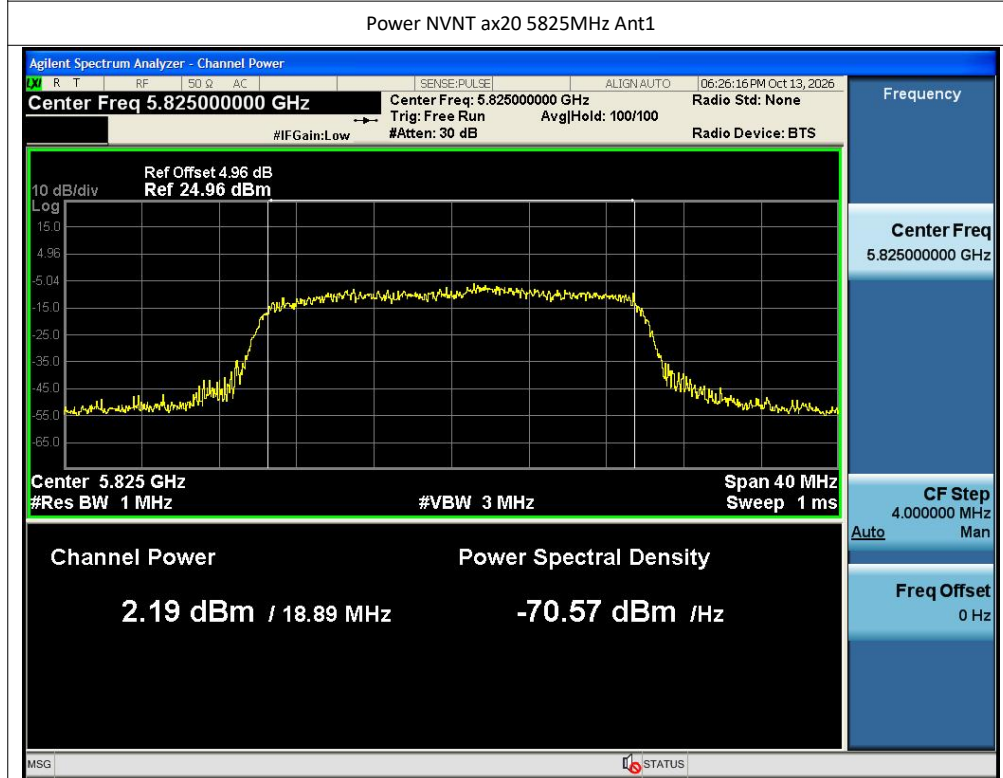
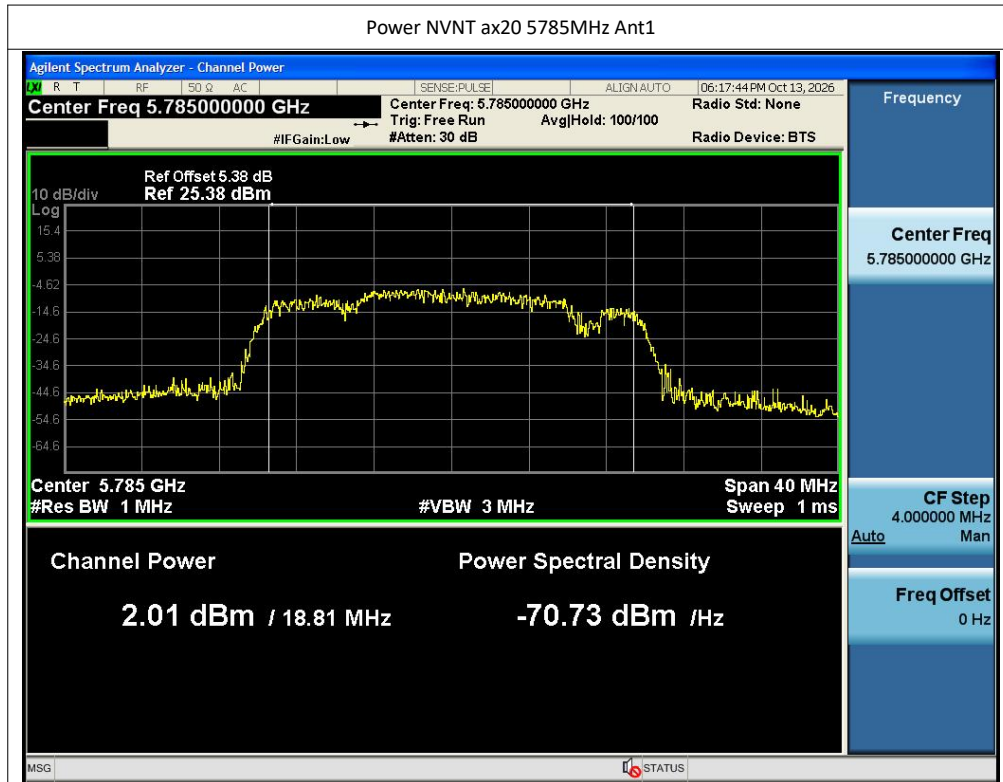


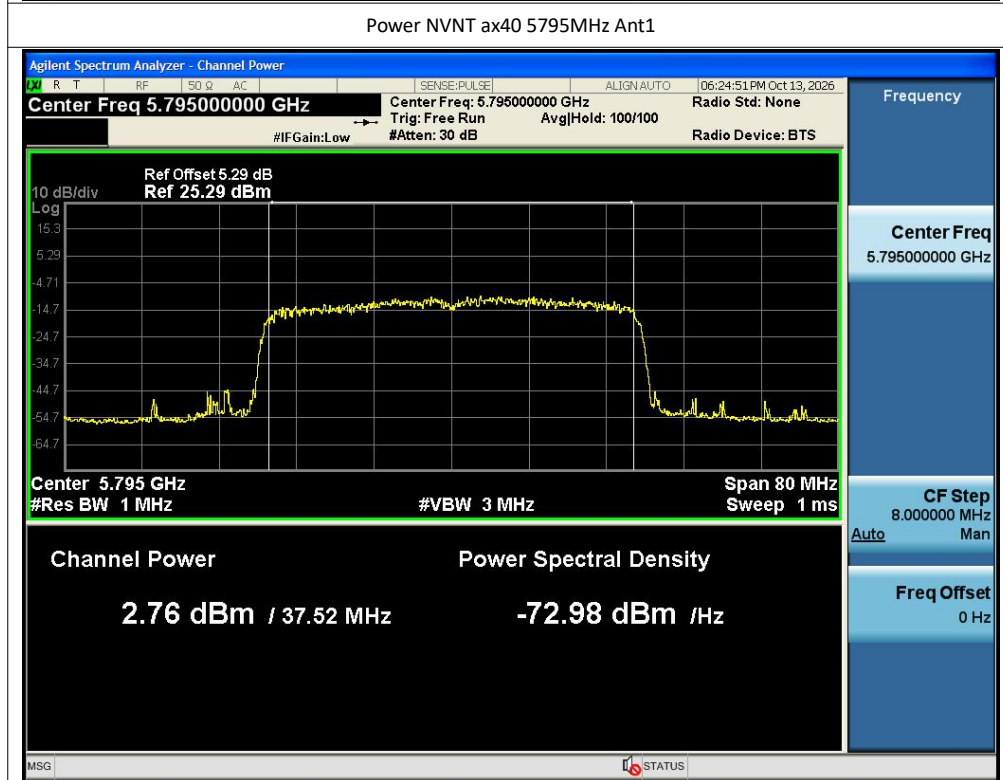
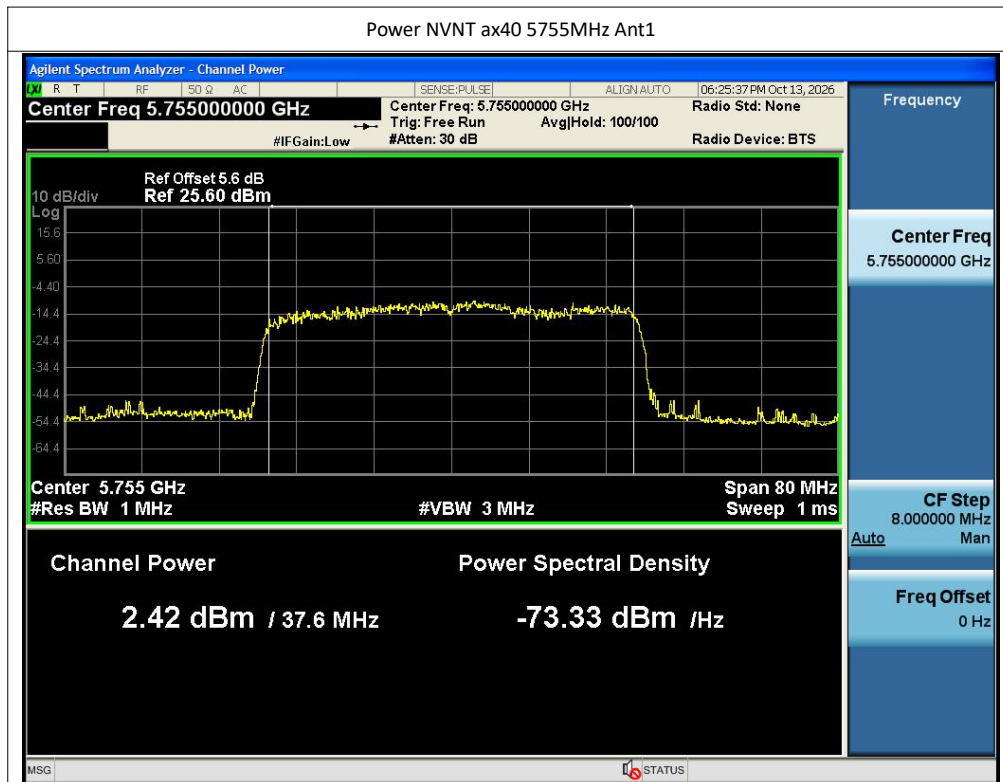










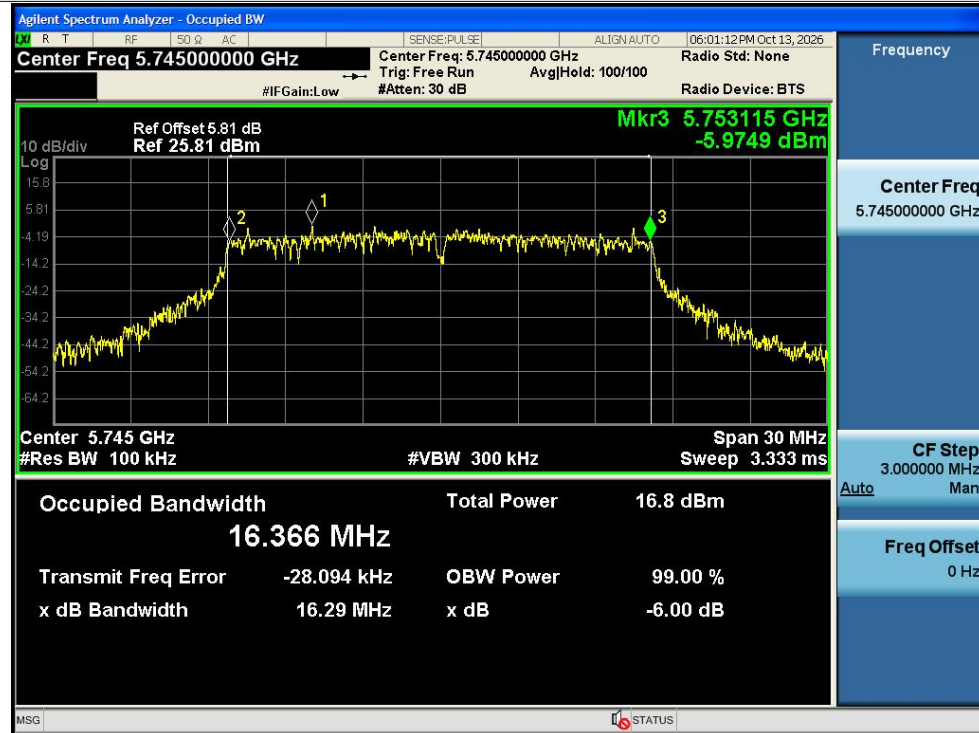


-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.29	0.5	Pass
NVNT	a	5785	Ant1	15.03	0.5	Pass
NVNT	a	5825	Ant1	13.9	0.5	Pass
NVNT	n20	5745	Ant1	15.37	0.5	Pass
NVNT	n20	5785	Ant1	16.86	0.5	Pass
NVNT	n20	5825	Ant1	15.92	0.5	Pass
NVNT	n40	5755	Ant1	35.04	0.5	Pass
NVNT	n40	5795	Ant1	29.98	0.5	Pass
NVNT	ac20	5745	Ant1	13.31	0.5	Pass
NVNT	ac20	5785	Ant1	16.19	0.5	Pass
NVNT	ac20	5825	Ant1	16.9	0.5	Pass
NVNT	ac40	5755	Ant1	33.96	0.5	Pass
NVNT	ac40	5795	Ant1	35.04	0.5	Pass
NVNT	ax20	5745	Ant1	15.47	0.5	Pass
NVNT	ax20	5785	Ant1	16.75	0.5	Pass
NVNT	ax20	5825	Ant1	15.75	0.5	Pass
NVNT	ax40	5755	Ant1	36.23	0.5	Pass
NVNT	ax40	5795	Ant1	35.9	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1

