

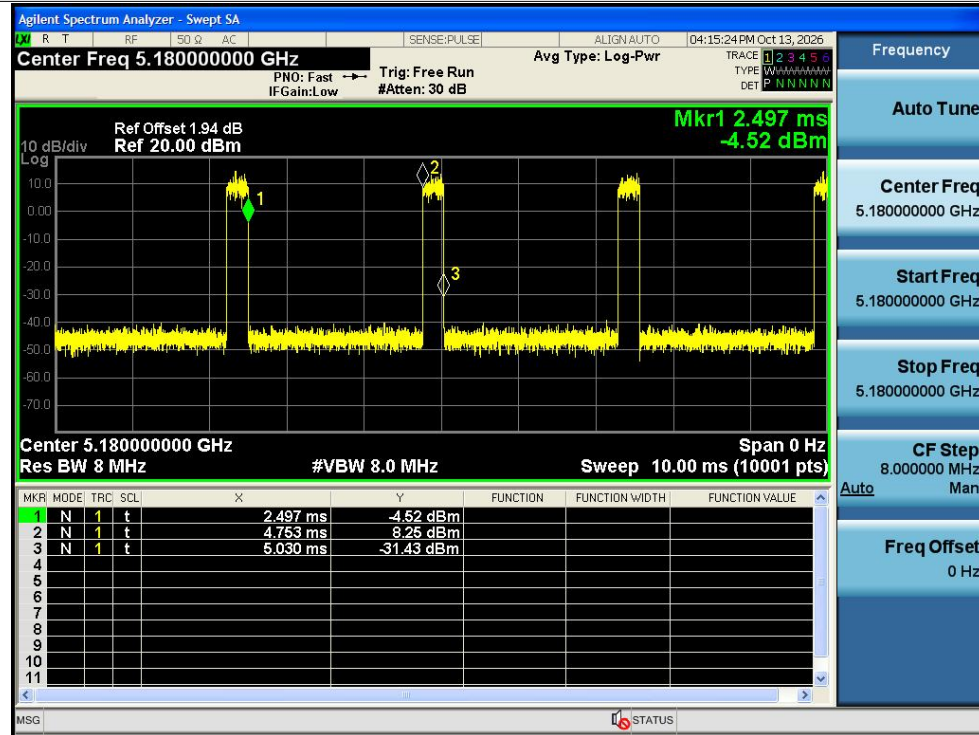
Appendix F 5.1G WIFI

Duty Cycle

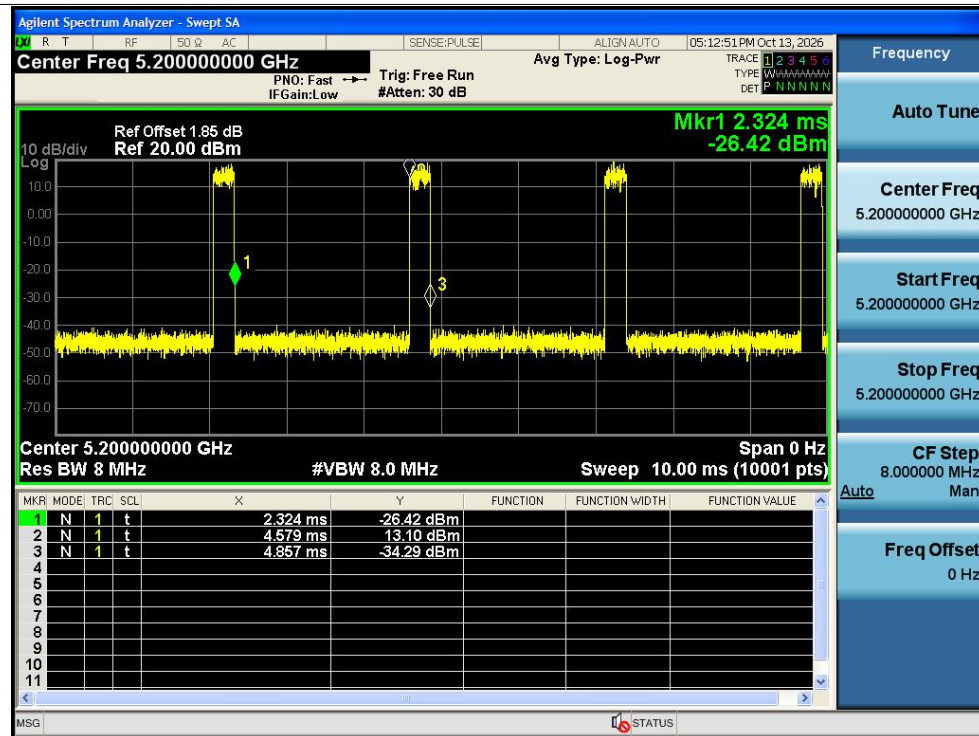
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	10.94	9.61	3.61
NVNT	a	5200	Ant1	10.98	9.59	3.6
NVNT	a	5240	Ant1	10.98	9.59	3.6
NVNT	n20	5180	Ant1	11.66	9.33	3.36
NVNT	n20	5200	Ant1	11.66	9.33	3.36
NVNT	n20	5240	Ant1	11.62	9.35	3.37
NVNT	n40	5190	Ant1	11.13	9.54	3.4
NVNT	n40	5230	Ant1	11.1	9.55	3.41
NVNT	ac20	5180	Ant1	11.76	9.3	3.32
NVNT	ac20	5200	Ant1	11.76	9.3	3.32
NVNT	ac20	5240	Ant1	11.8	9.28	3.31
NVNT	ac40	5190	Ant1	11.79	9.28	3.31
NVNT	ac40	5230	Ant1	11.75	9.3	3.32
NVNT	ax20	5180	Ant1	10.03	9.99	3.75
NVNT	ax20	5200	Ant1	9.99	10	3.76
NVNT	ax20	5240	Ant1	9.99	10	3.76
NVNT	ax40	5190	Ant1	10.02	9.99	3.76
NVNT	ax40	5230	Ant1	10.02	9.99	3.76

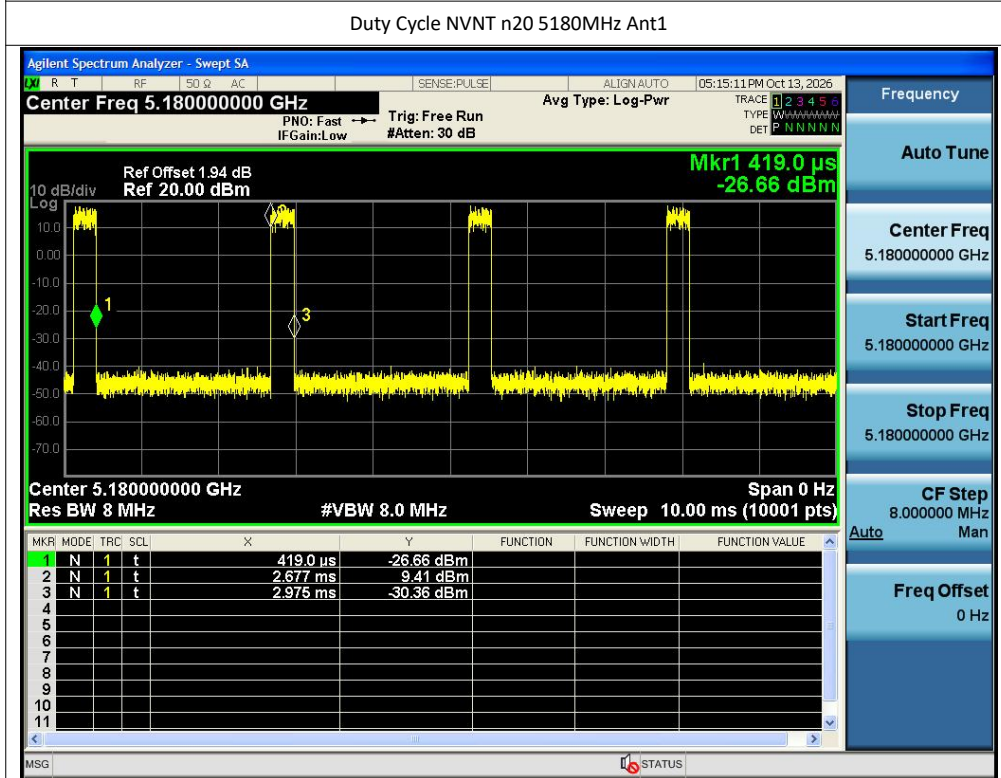
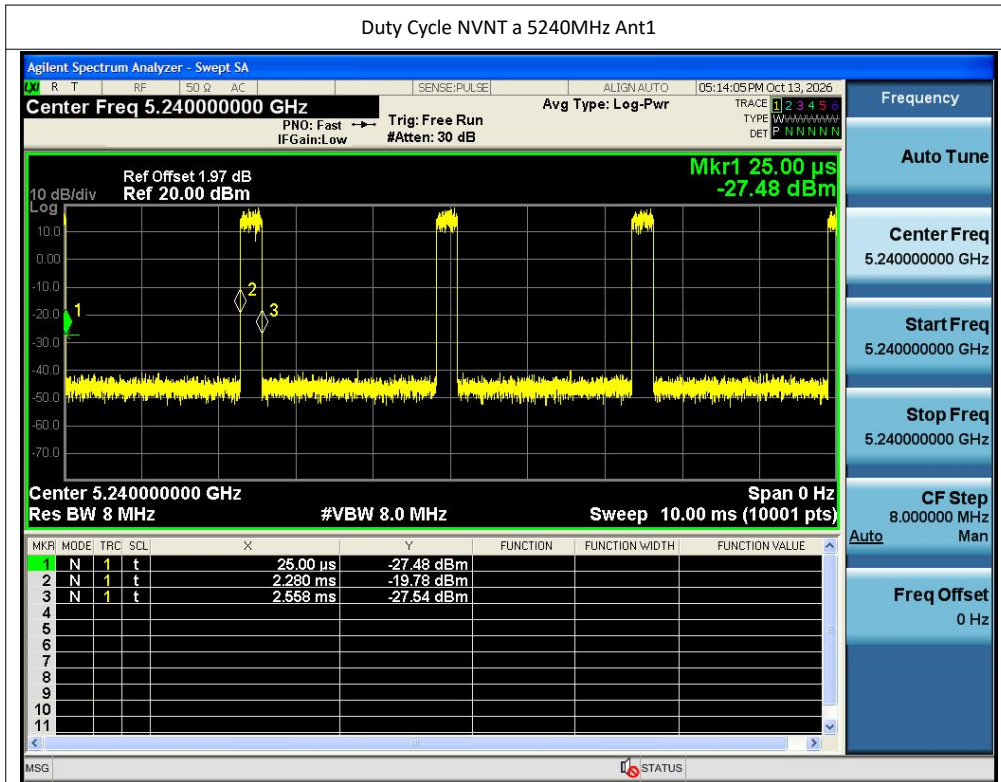
Test Graphs

Duty Cycle NVNT a 5180MHz Ant1

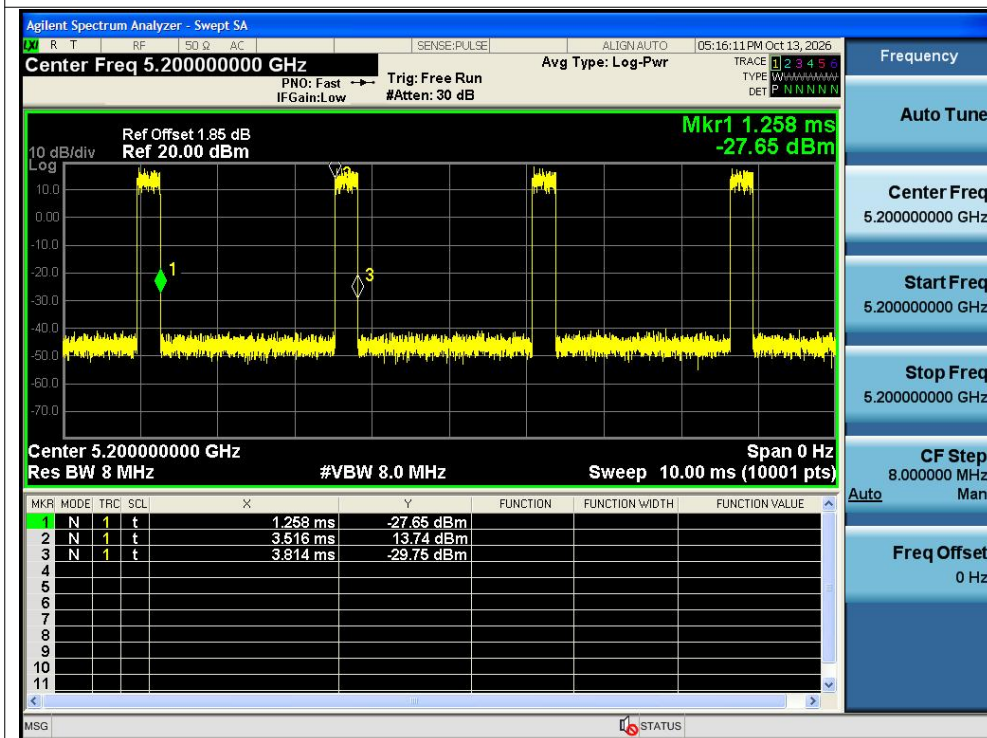


Duty Cycle NVNT a 5200MHz Ant1

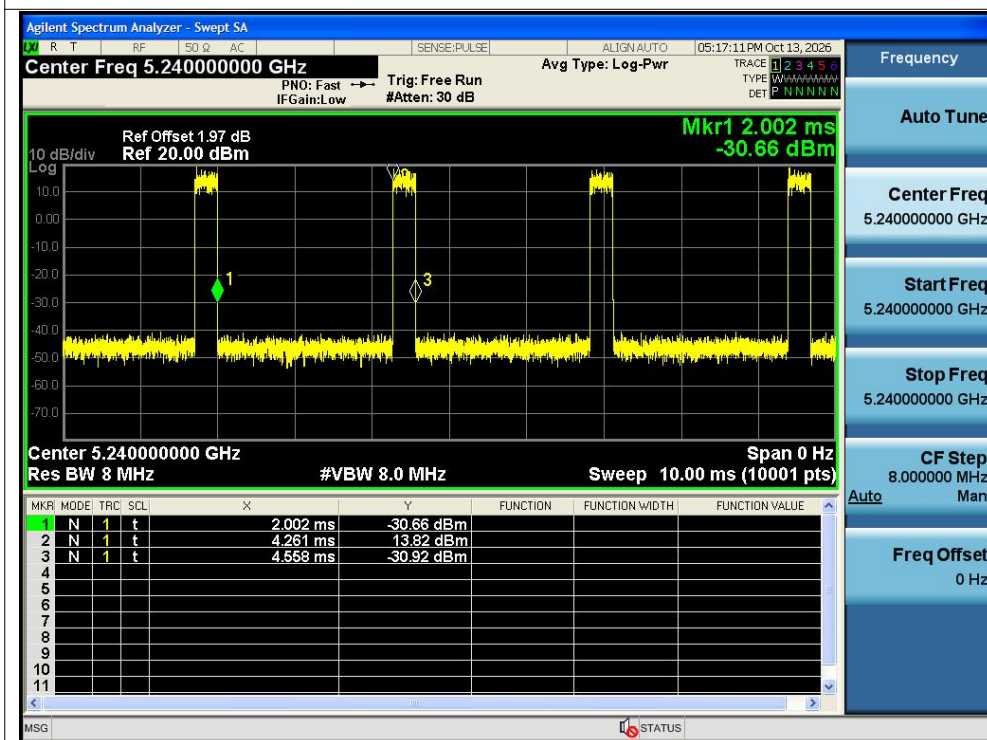




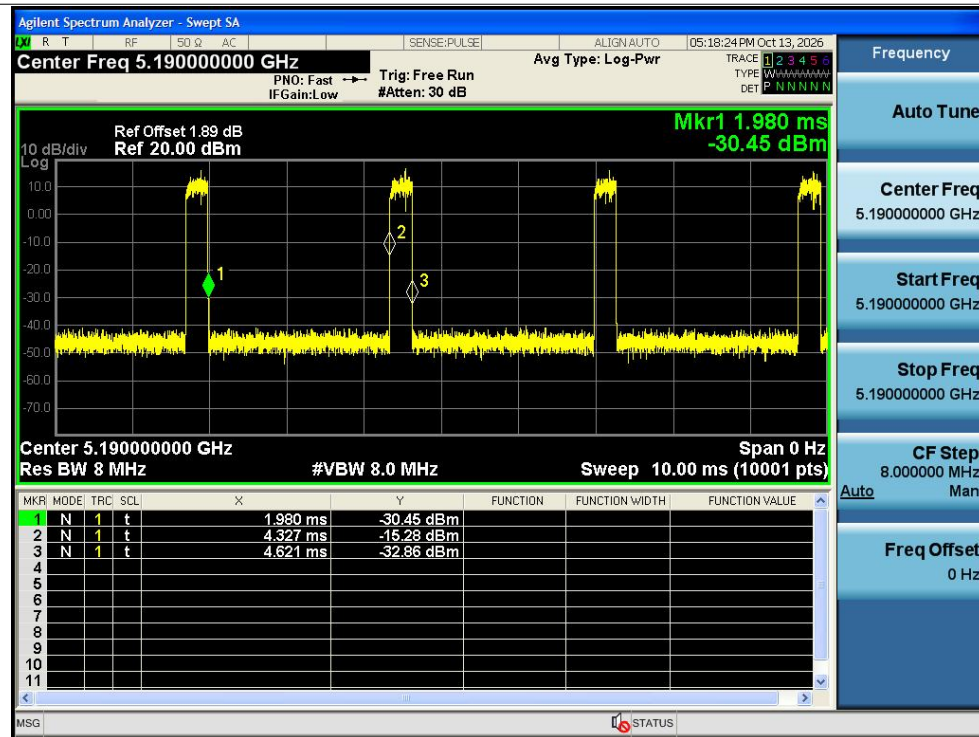
Duty Cycle NVNT n20 5200MHz Ant1



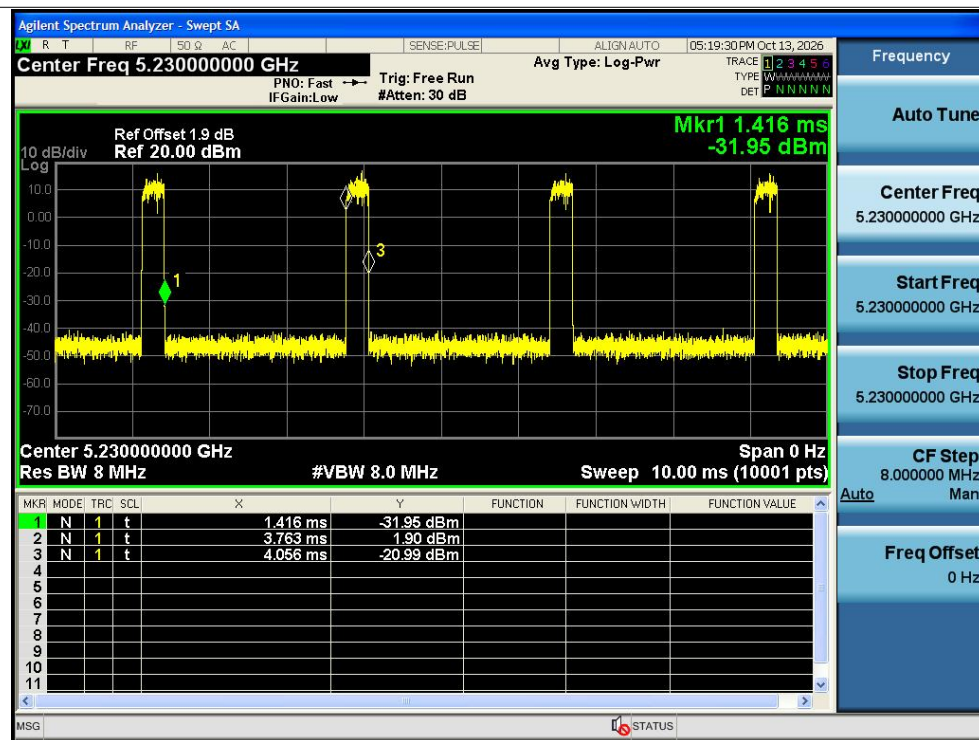
Duty Cycle NVNT n20 5240MHz Ant1



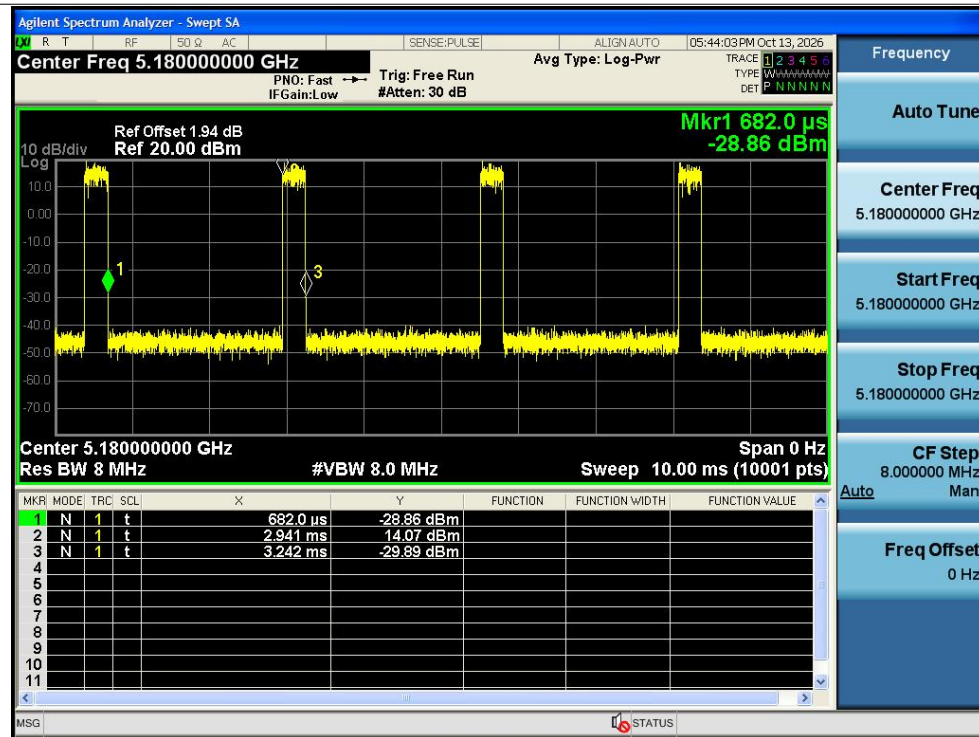
Duty Cycle NVNT n40 5190MHz Ant1



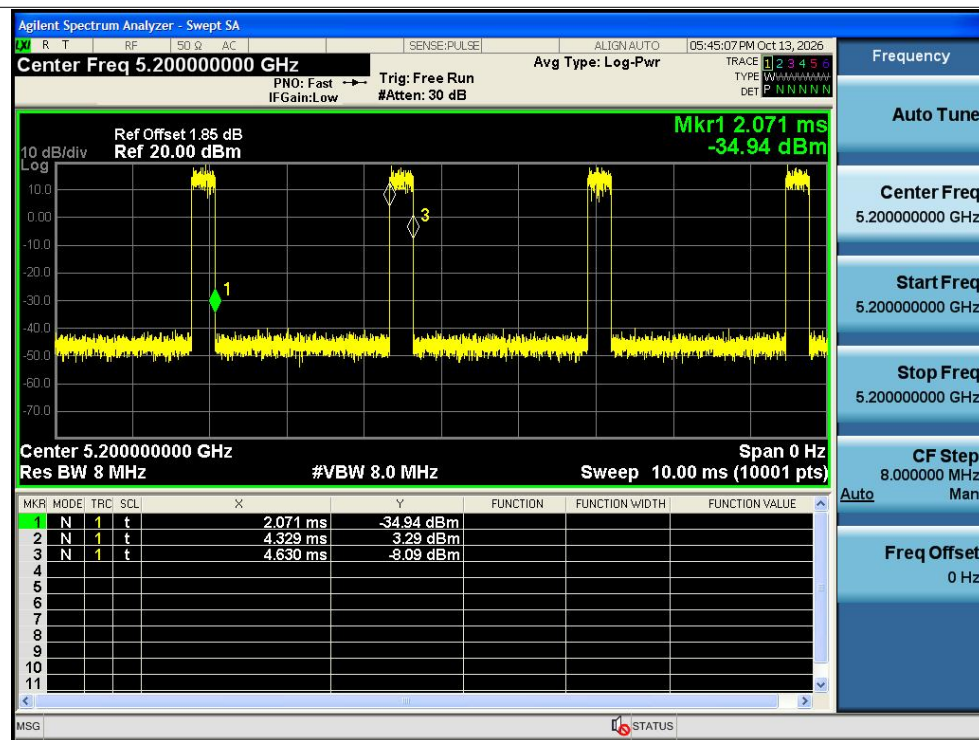
Duty Cycle NVNT n40 5230MHz Ant1



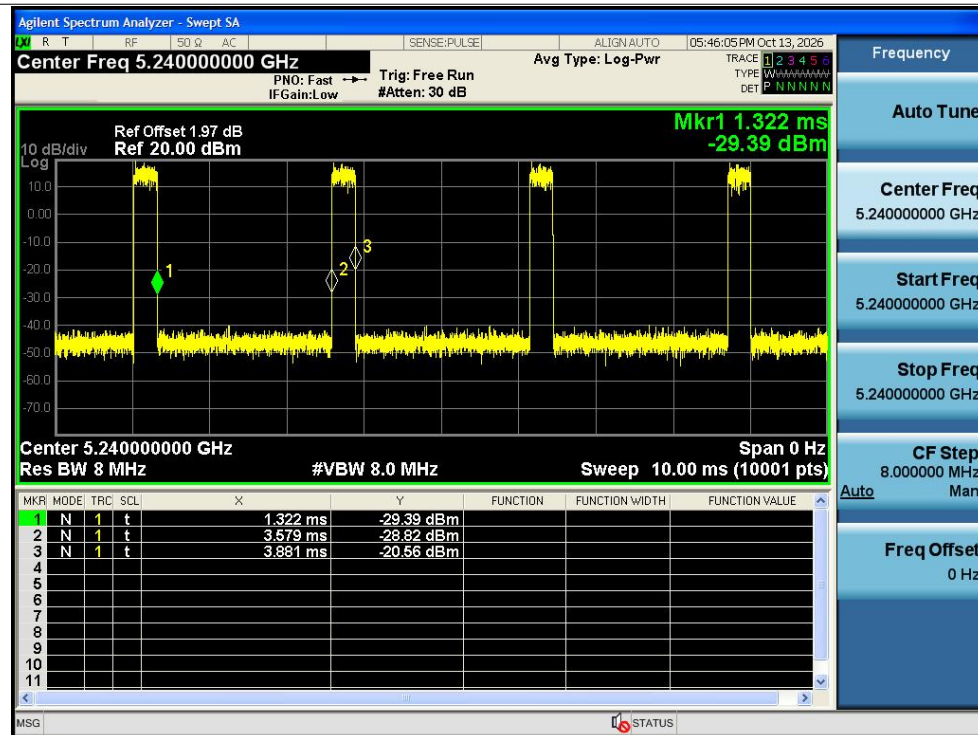
Duty Cycle NVNT ac20 5180MHz Ant1



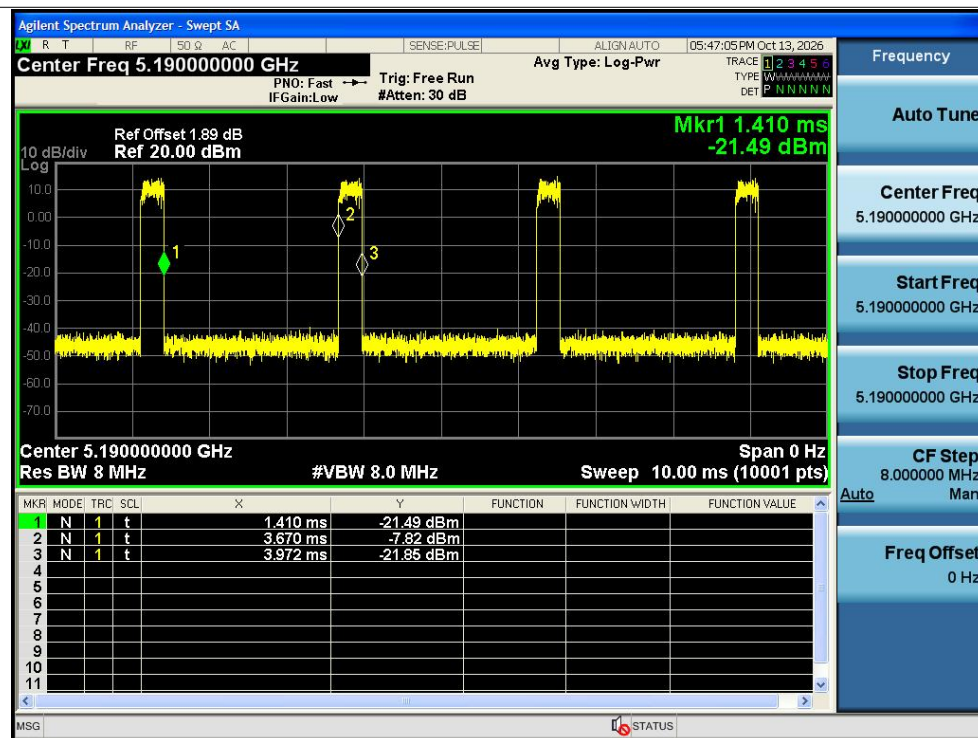
Duty Cycle NVNT ac20 5200MHz Ant1



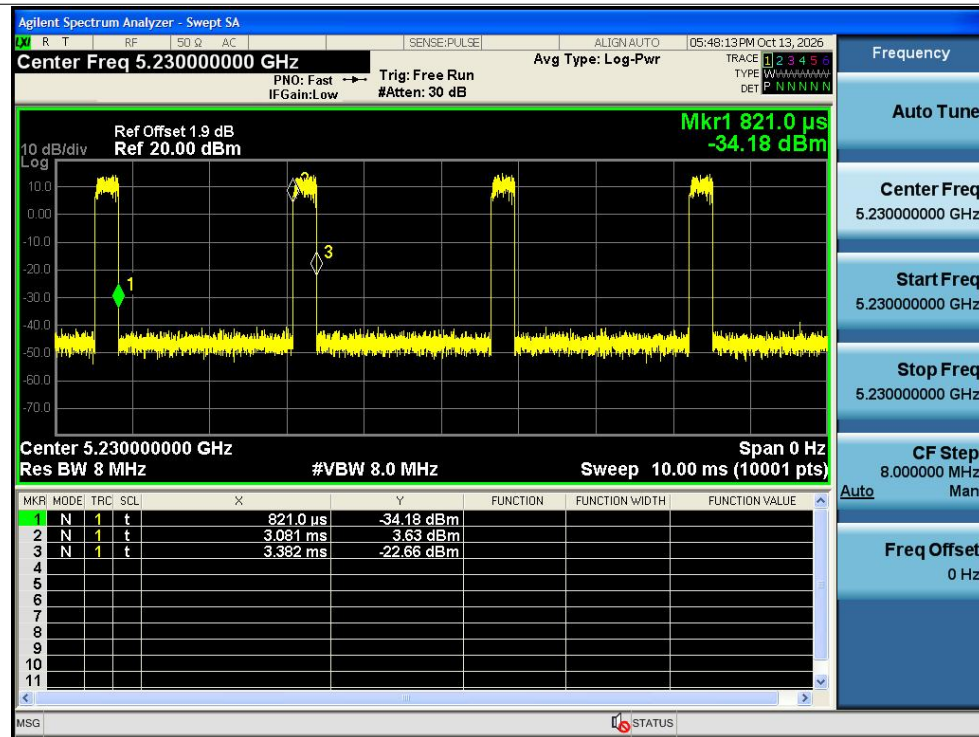
Duty Cycle NVNT ac20 5240MHz Ant1



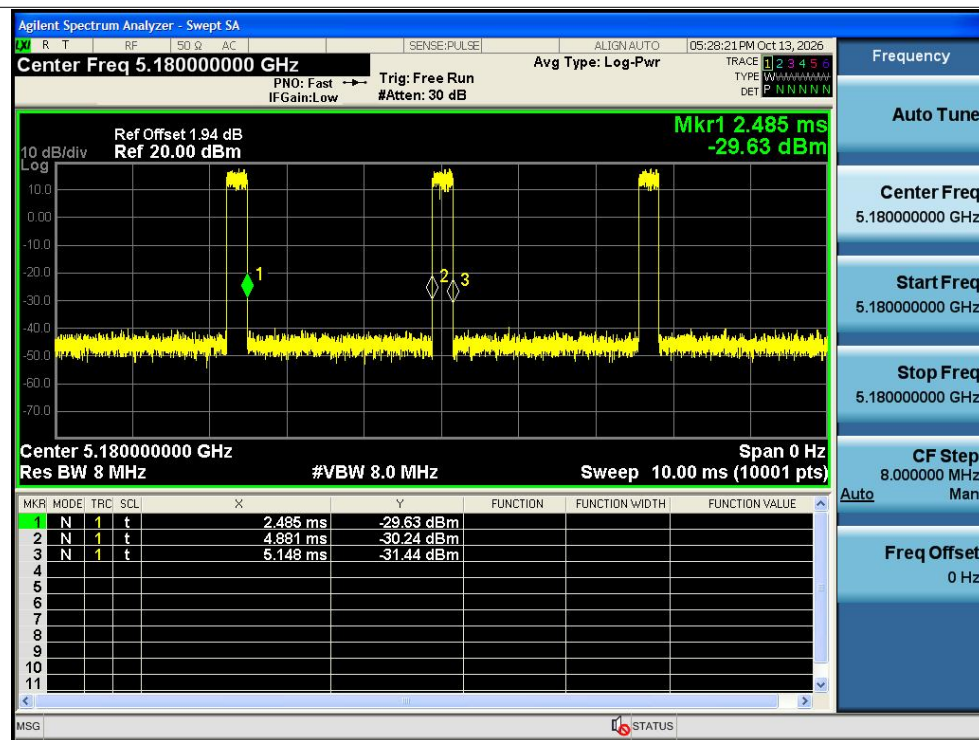
Duty Cycle NVNT ac40 5190MHz Ant1



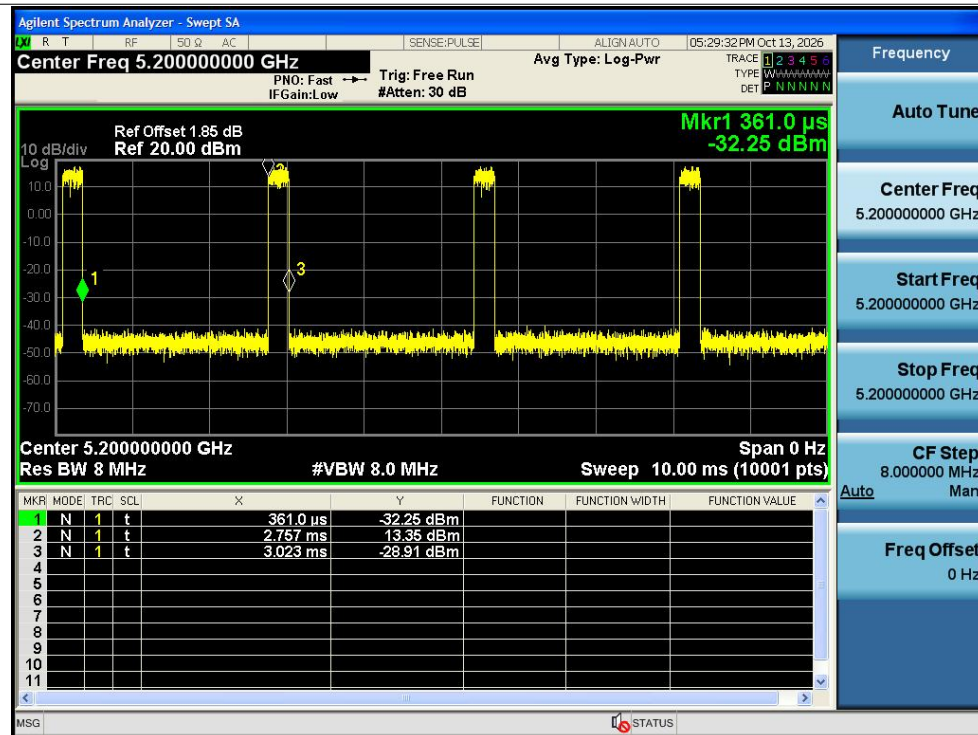
Duty Cycle NVNT ac40 5230MHz Ant1



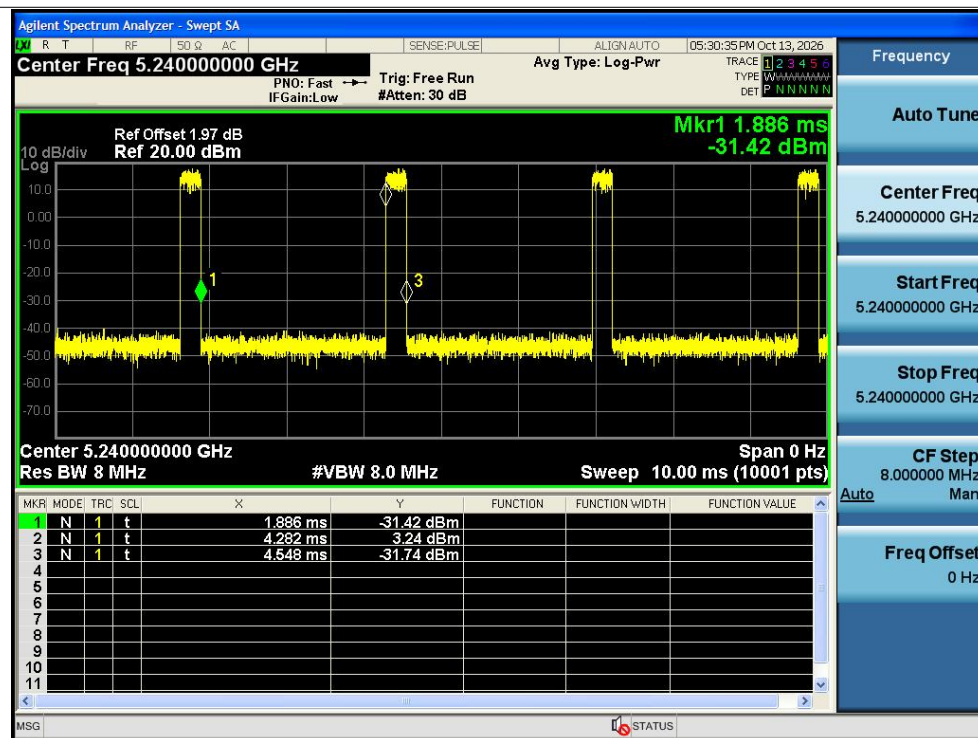
Duty Cycle NVNT ax20 5180MHz Ant1



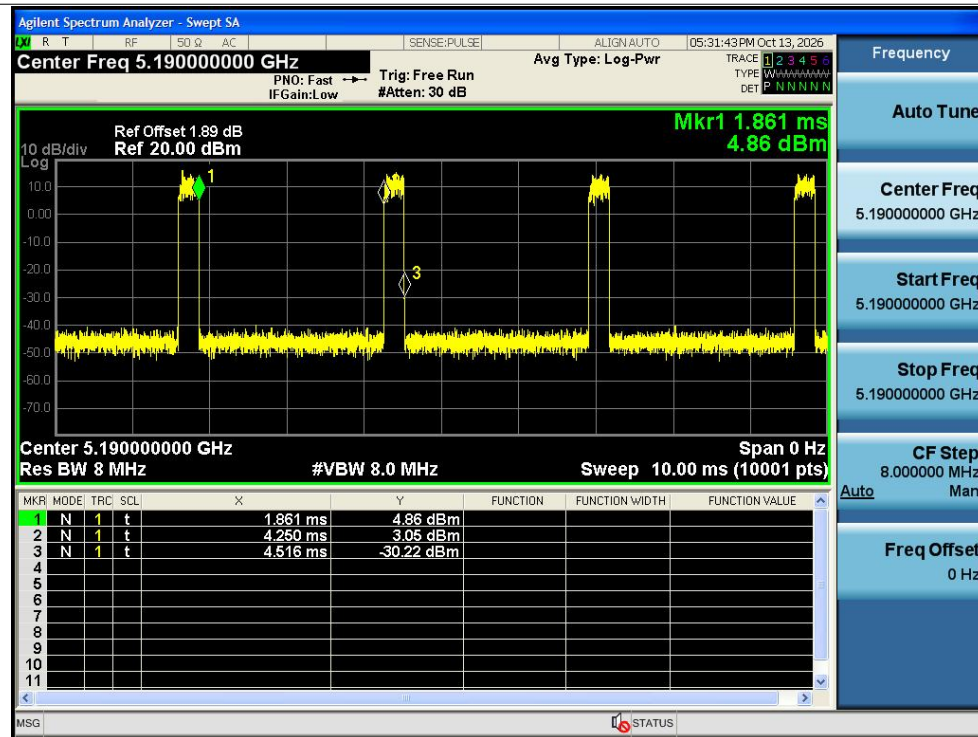
Duty Cycle NVNT ax20 5200MHz Ant1



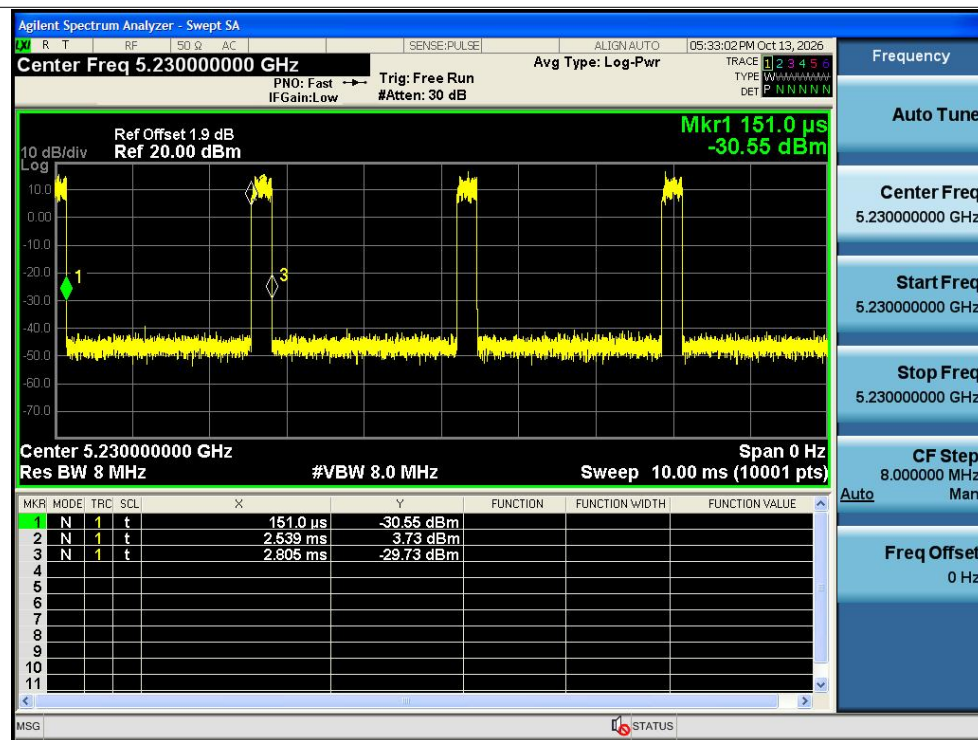
Duty Cycle NVNT ax20 5240MHz Ant1



Duty Cycle NVNT ax40 5190MHz Ant1



Duty Cycle NVNT ax40 5230MHz Ant1

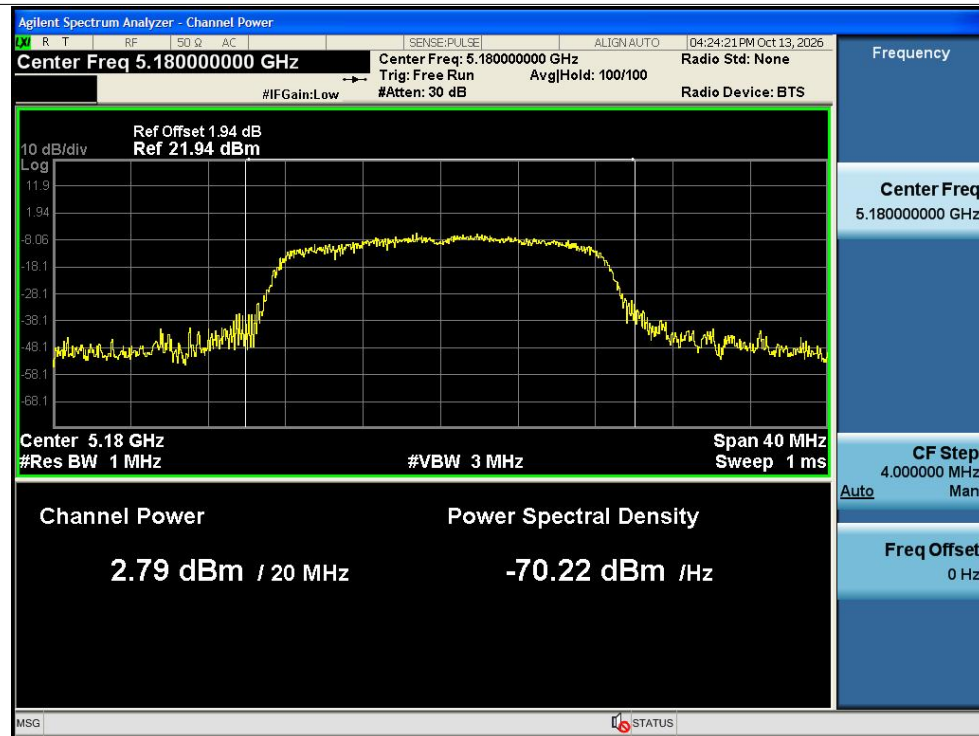


Maximum Conducted Output Power

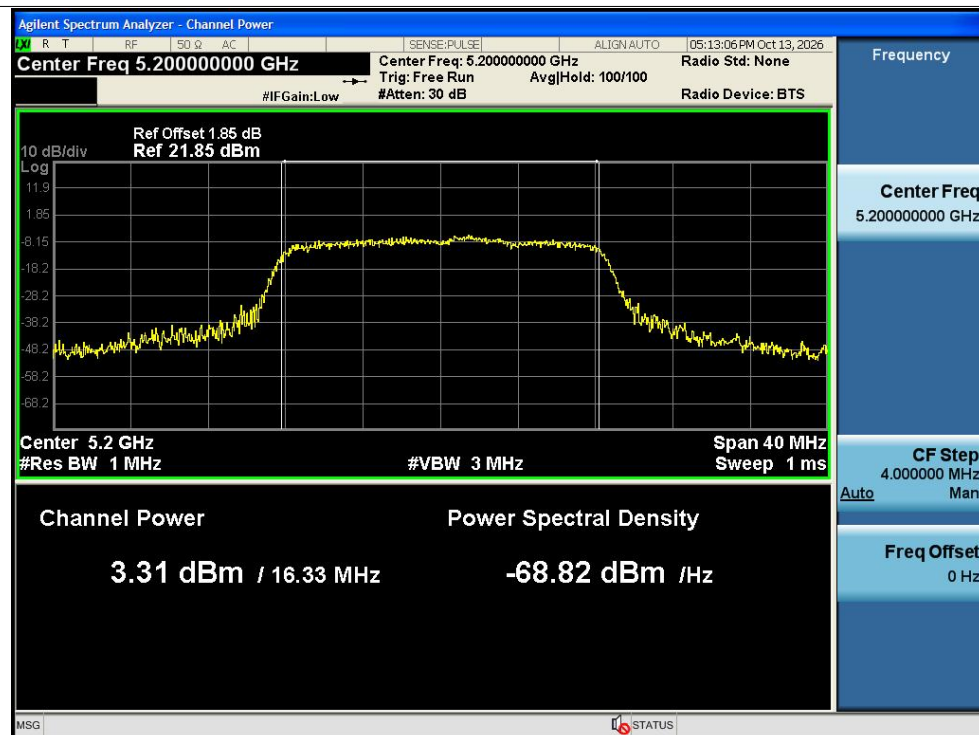
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.79	9.61	12.4	24	Pass
NVNT	a	5200	Ant1	3.31	9.59	12.9	24	Pass
NVNT	a	5240	Ant1	2.59	9.59	12.18	24	Pass
NVNT	n20	5180	Ant1	3.31	9.33	12.64	24	Pass
NVNT	n20	5200	Ant1	3.51	9.33	12.84	24	Pass
NVNT	n20	5240	Ant1	3.51	9.35	12.86	24	Pass
NVNT	n40	5190	Ant1	2.73	9.54	12.27	24	Pass
NVNT	n40	5230	Ant1	2.63	9.55	12.18	24	Pass
NVNT	ac20	5180	Ant1	3.3	9.3	12.6	24	Pass
NVNT	ac20	5200	Ant1	3.52	9.3	12.82	24	Pass
NVNT	ac20	5240	Ant1	3.52	9.28	12.8	24	Pass
NVNT	ac40	5190	Ant1	2.76	9.28	12.04	24	Pass
NVNT	ac40	5230	Ant1	3.21	9.3	12.51	24	Pass
NVNT	ax20	5180	Ant1	2	9.99	11.99	24	Pass
NVNT	ax20	5200	Ant1	2.43	10	12.43	24	Pass
NVNT	ax20	5240	Ant1	2.35	10	12.35	24	Pass
NVNT	ax40	5190	Ant1	2.1	9.99	12.09	24	Pass
NVNT	ax40	5230	Ant1	1.62	9.99	11.61	24	Pass

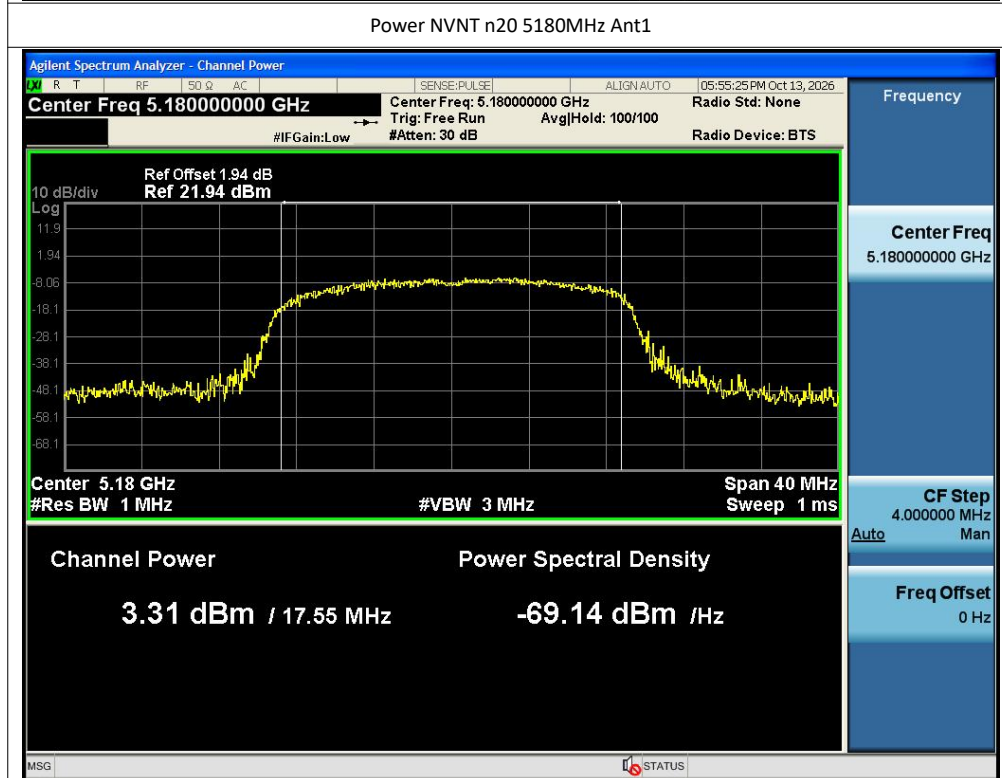
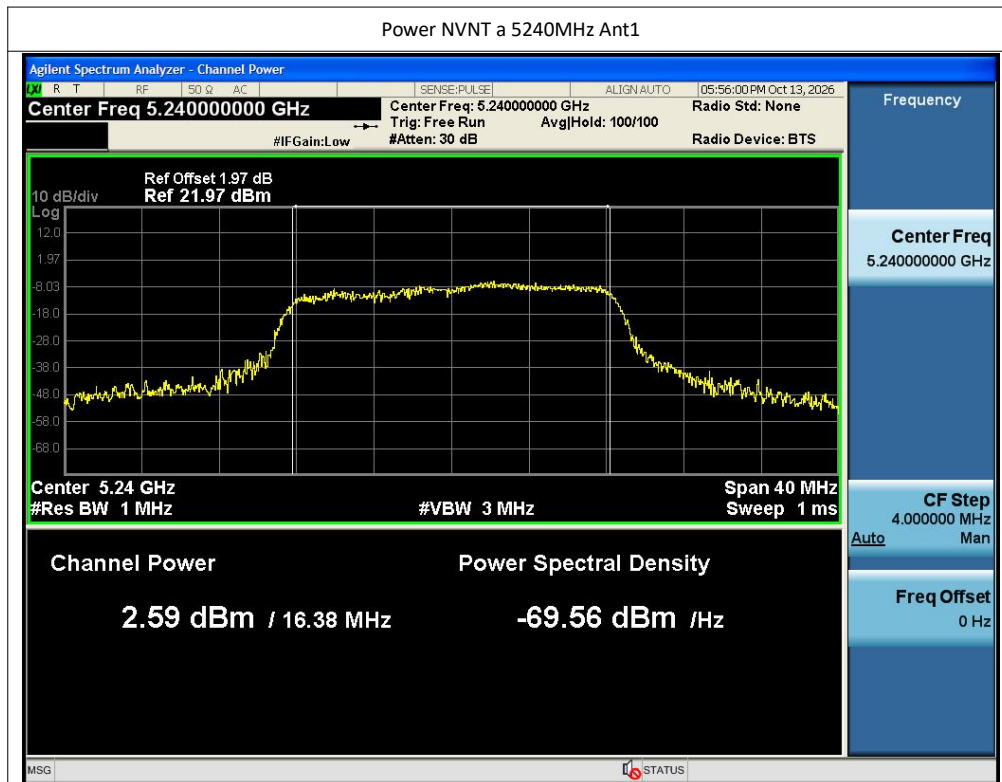
Test Graphs

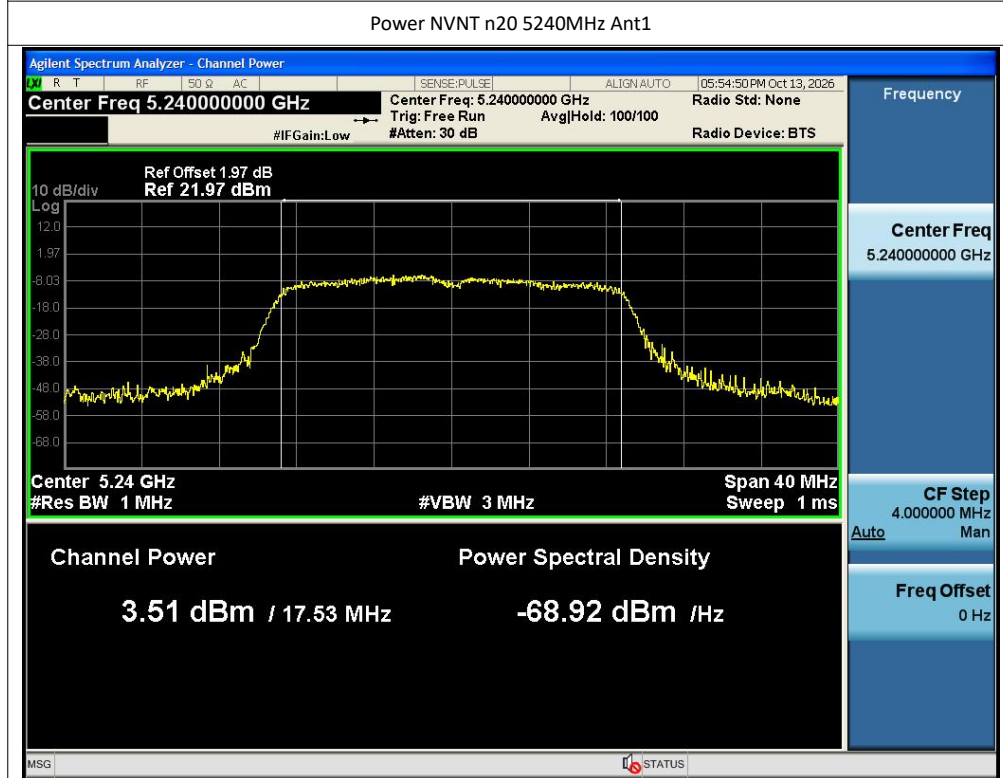
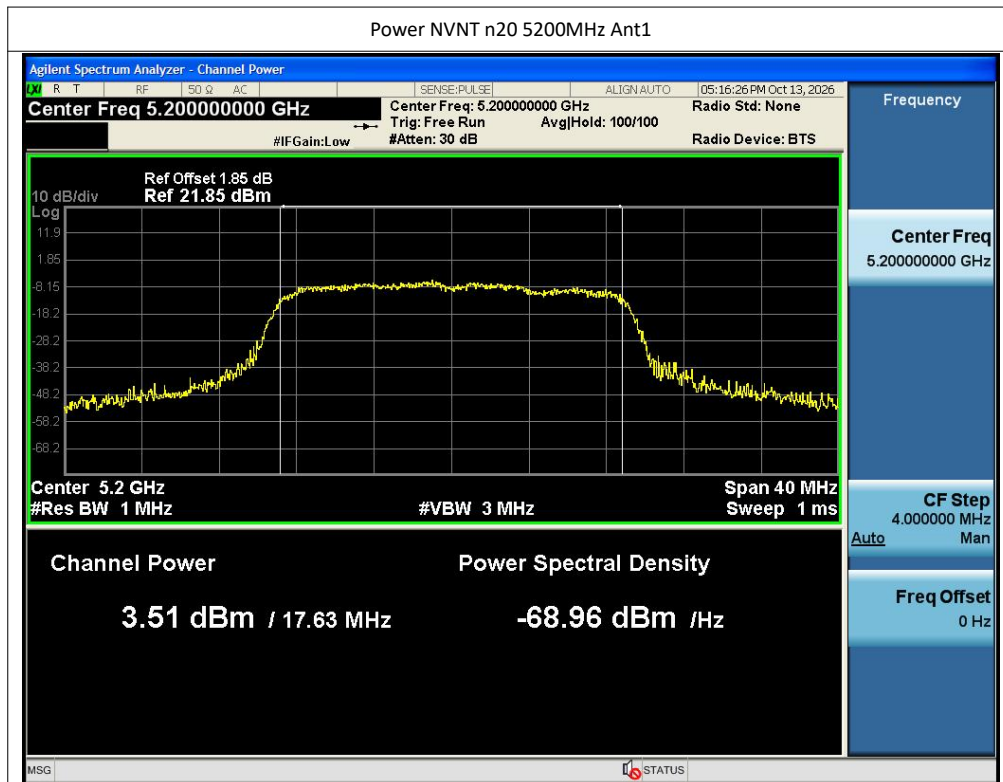
Power NVNT a 5180MHz Ant1

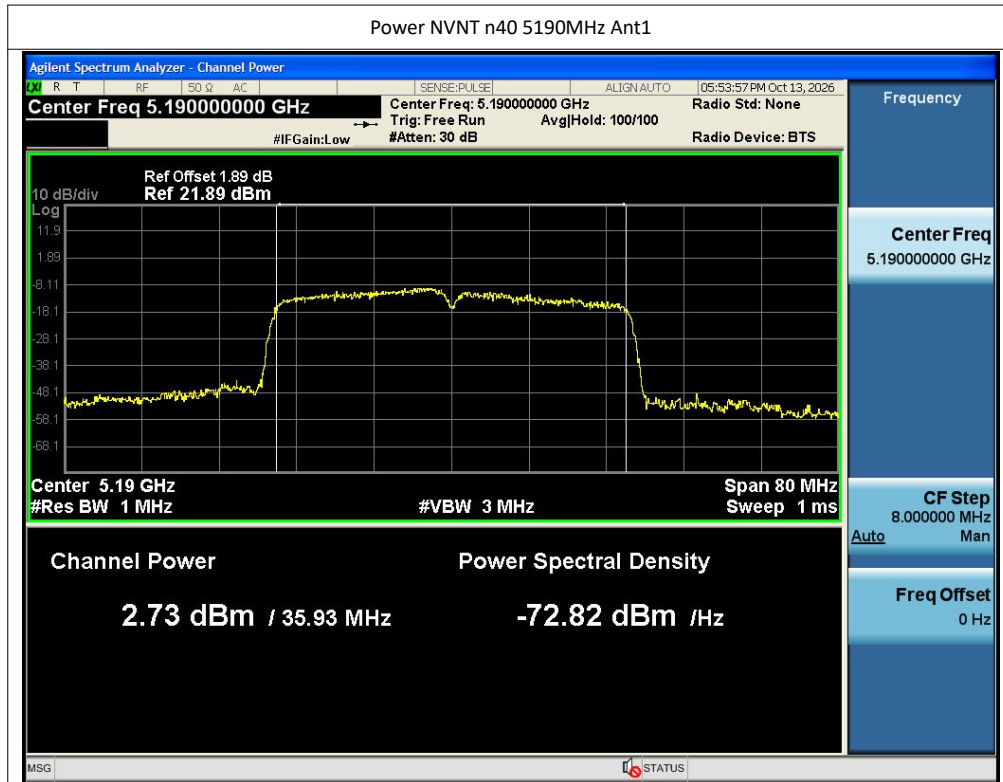


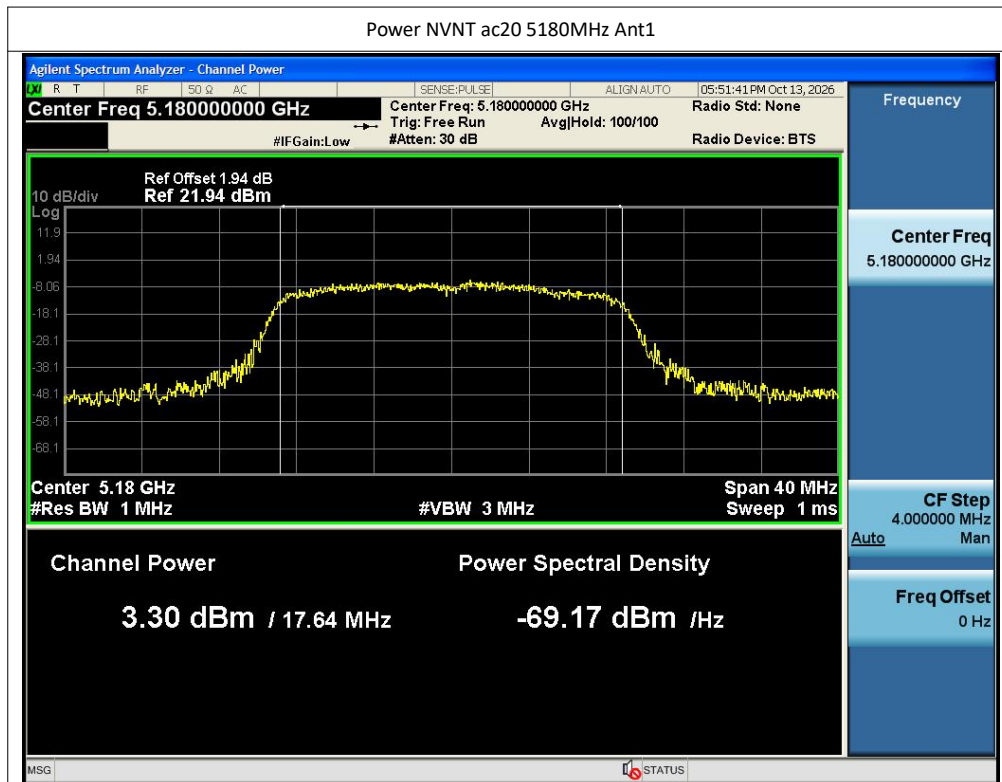
Power NVNT a 5200MHz Ant1

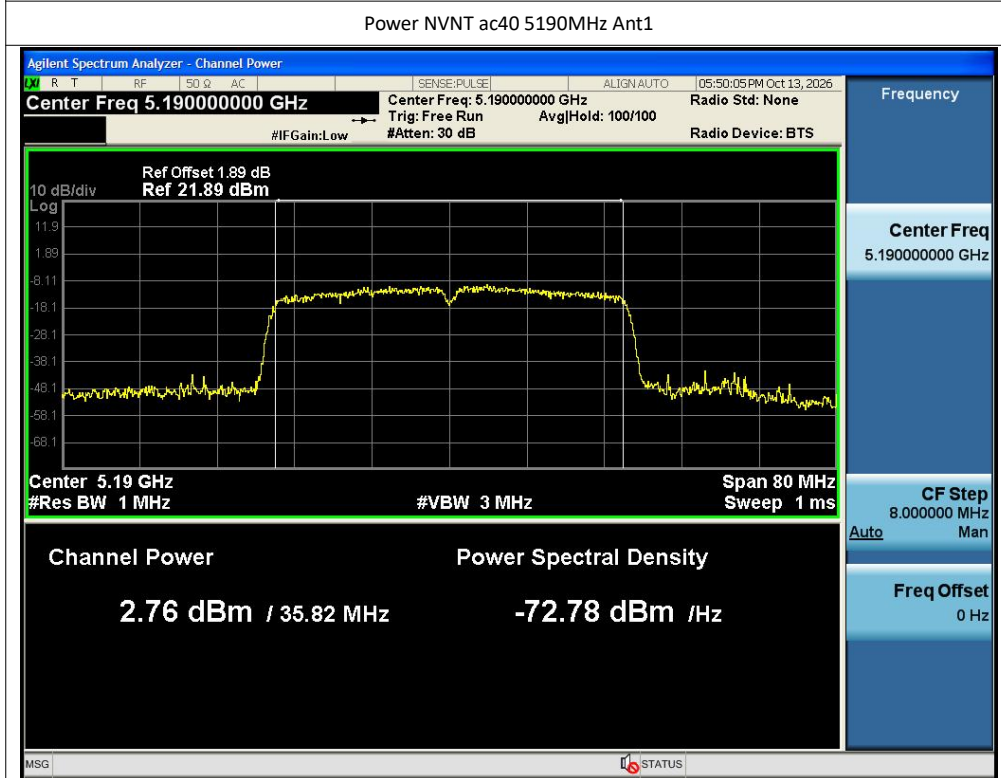
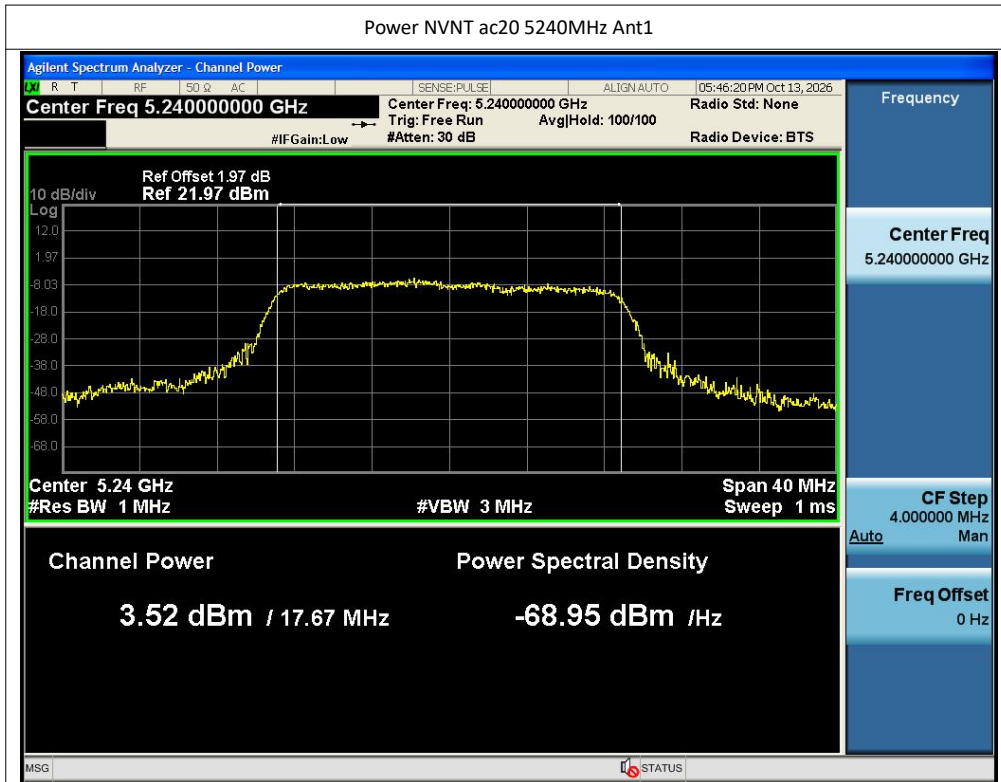


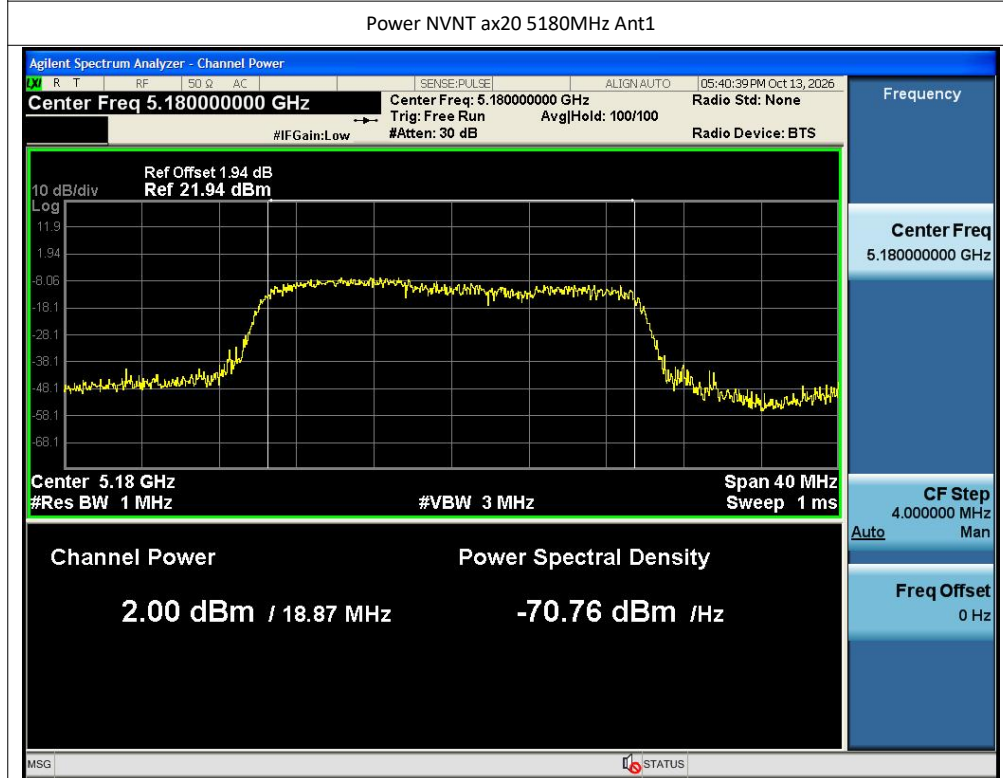
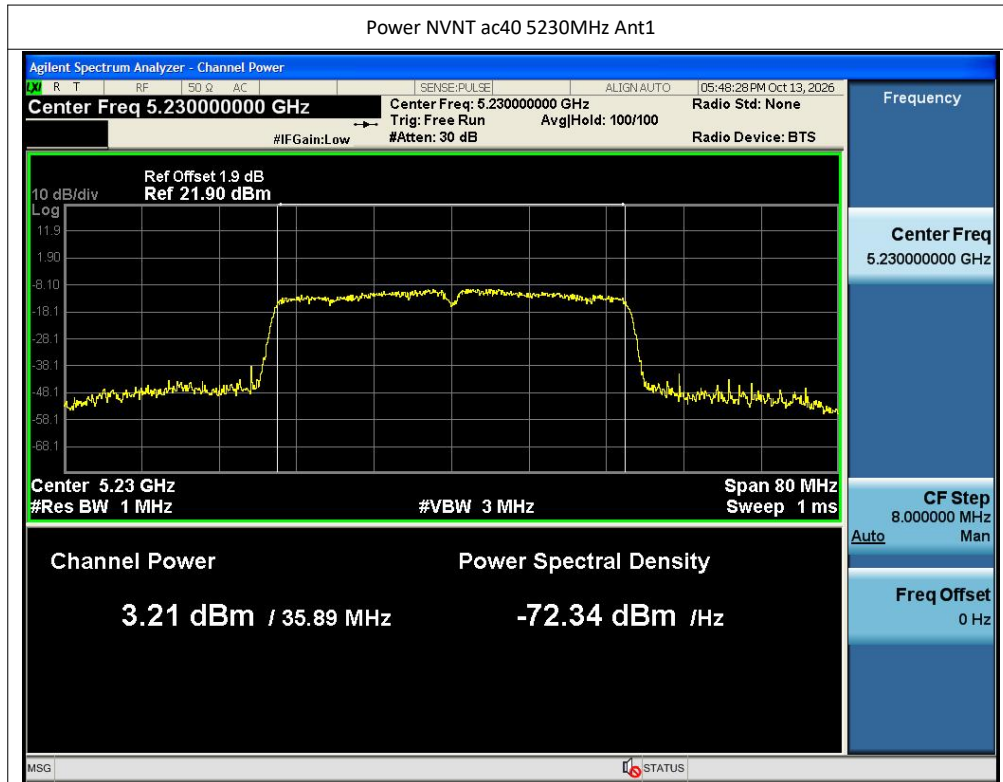


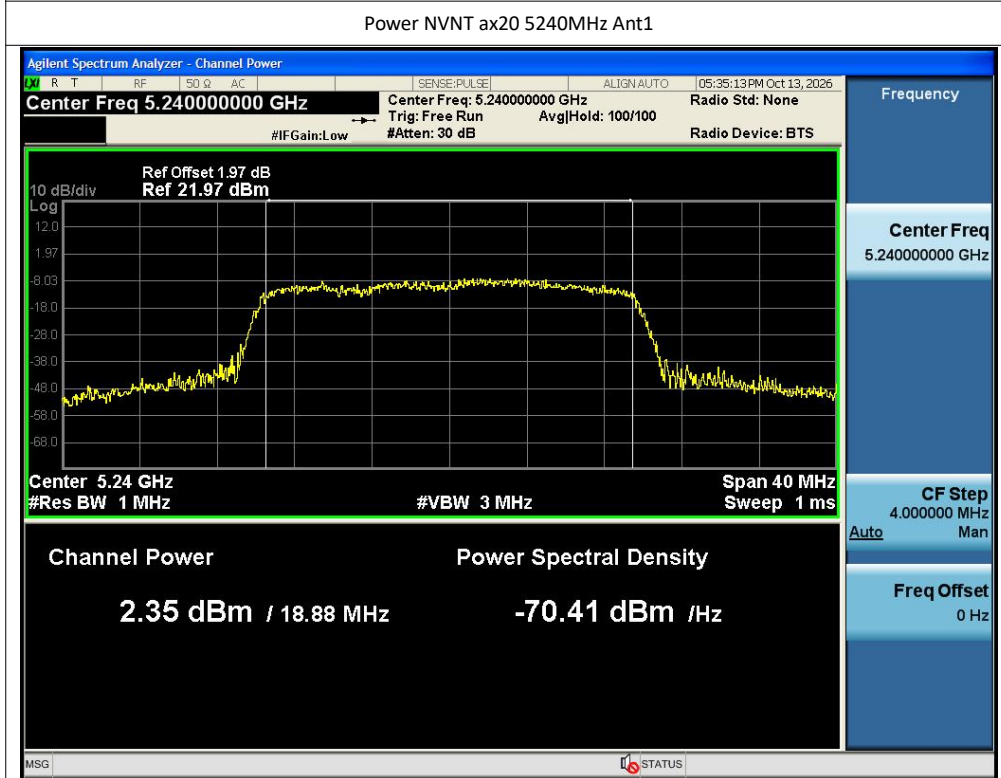
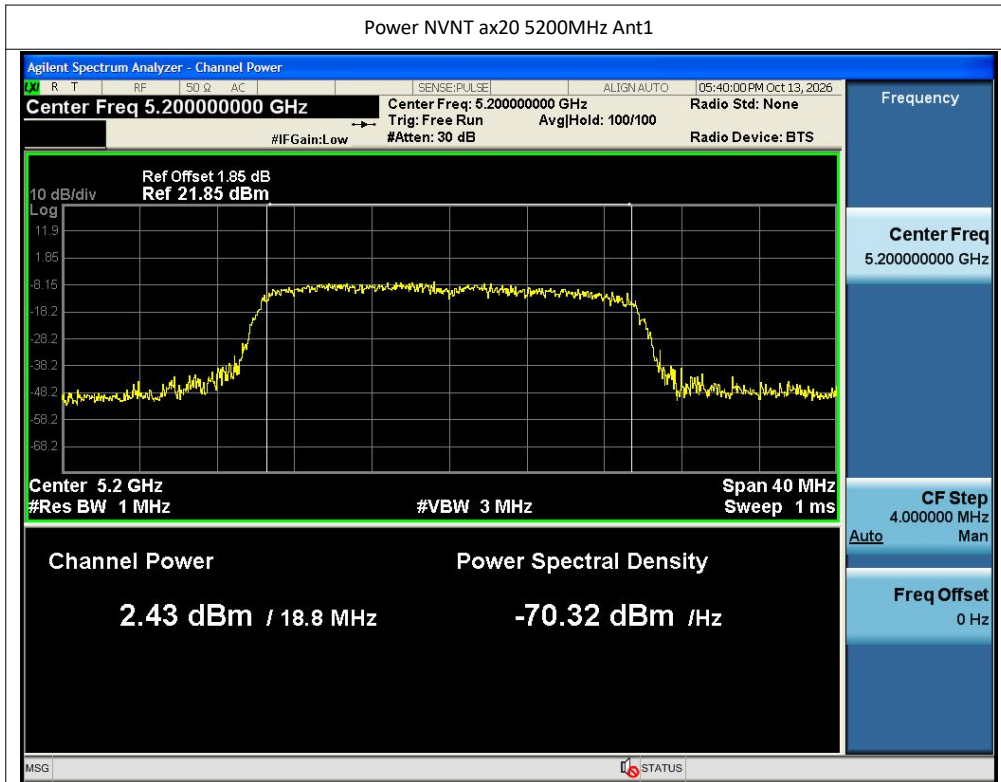


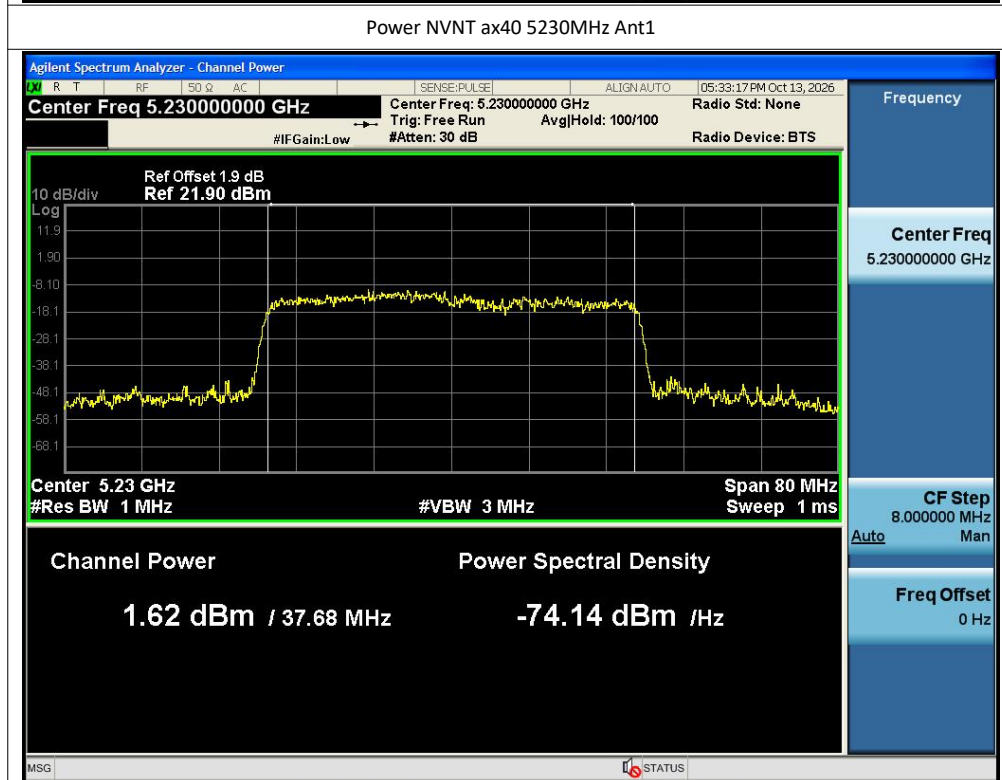
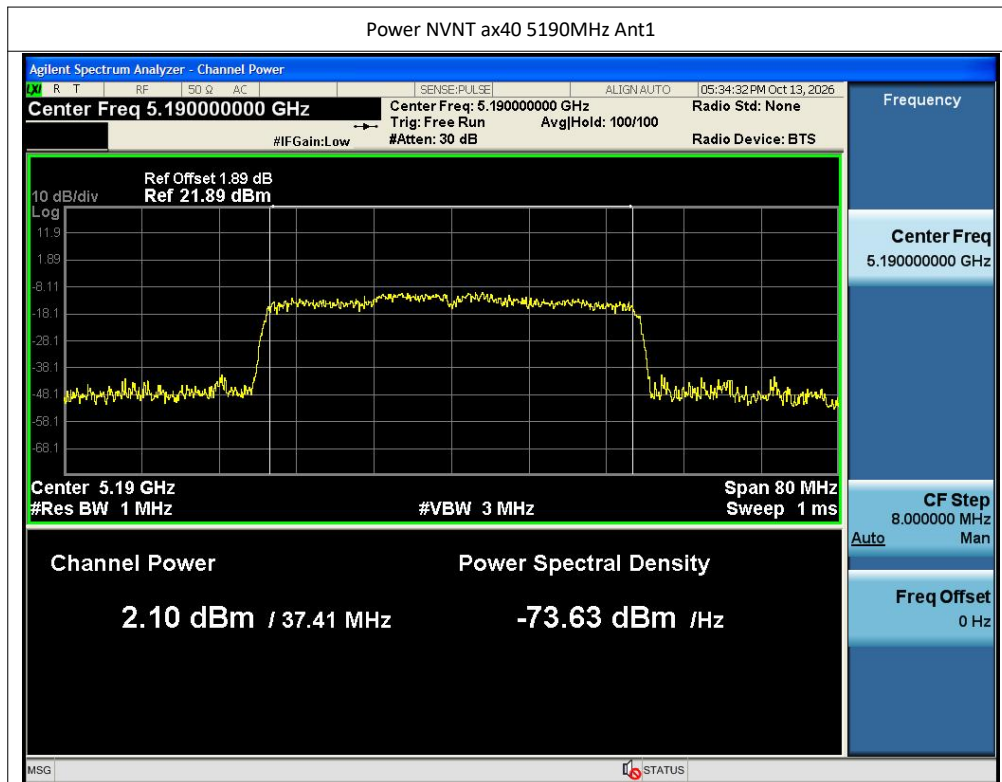












-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.93	0.5	Pass
NVNT	a	5200	Ant1	21.42	0.5	Pass
NVNT	a	5240	Ant1	20.83	0.5	Pass
NVNT	n20	5180	Ant1	21.23	0.5	Pass
NVNT	n20	5200	Ant1	21.12	0.5	Pass
NVNT	n20	5240	Ant1	20.51	0.5	Pass
NVNT	n40	5190	Ant1	38.49	0.5	Pass
NVNT	n40	5230	Ant1	38.29	0.5	Pass
NVNT	ac20	5180	Ant1	21.93	0.5	Pass
NVNT	ac20	5200	Ant1	21.85	0.5	Pass
NVNT	ac20	5240	Ant1	21.91	0.5	Pass
NVNT	ac40	5190	Ant1	48.49	0.5	Pass
NVNT	ac40	5230	Ant1	43.22	0.5	Pass
NVNT	ax20	5180	Ant1	21.27	0.5	Pass
NVNT	ax20	5200	Ant1	21.21	0.5	Pass
NVNT	ax20	5240	Ant1	21.43	0.5	Pass
NVNT	ax40	5190	Ant1	39.3	0.5	Pass
NVNT	ax40	5230	Ant1	41.84	0.5	Pass

Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1

