

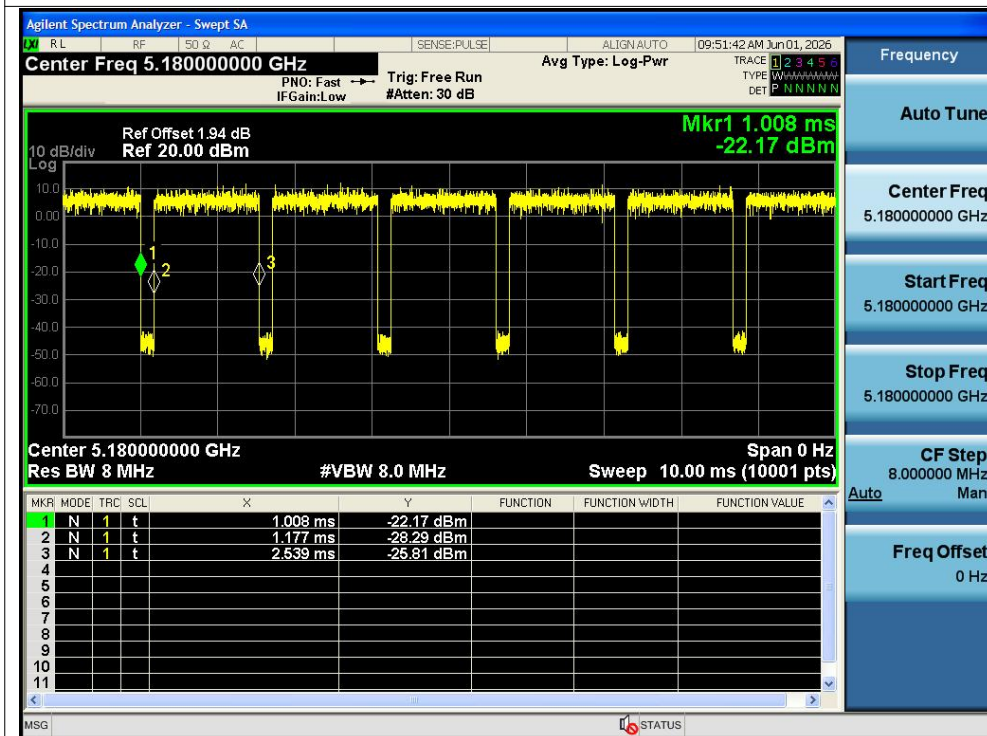
Appendix F_5.1G WIFI

Duty Cycle

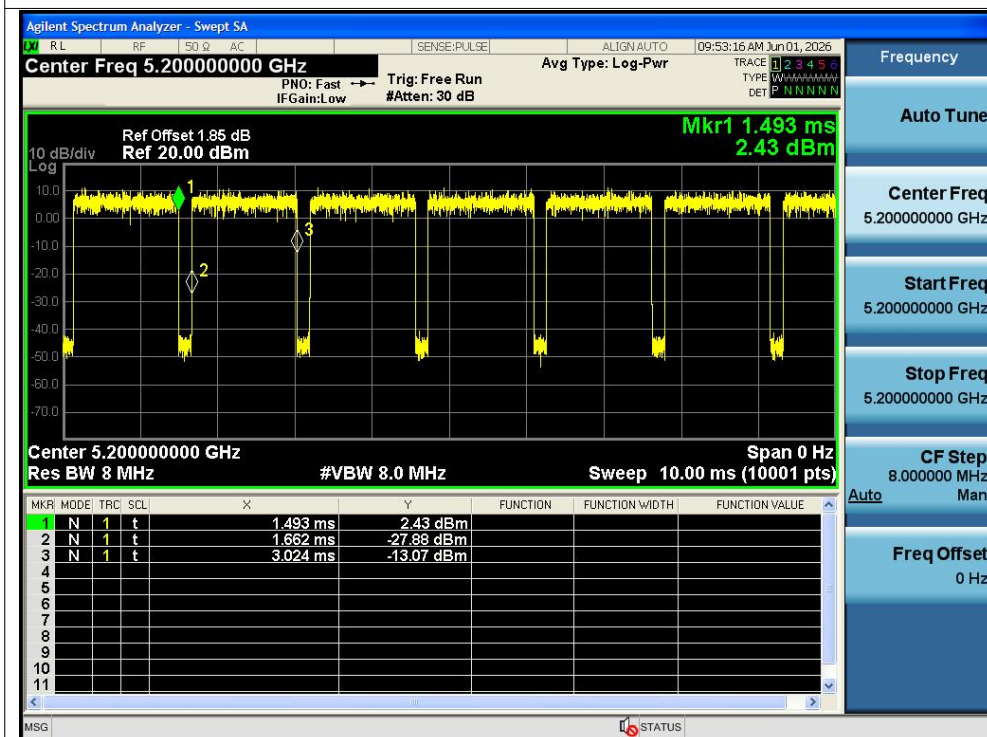
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	88.96	0.51	0.73
NVNT	a	5200	Ant1	88.96	0.51	0.73
NVNT	a	5240	Ant1	88.96	0.51	0.73
NVNT	n20	5180	Ant1	96.8	0.14	0.2
NVNT	n20	5200	Ant1	96.78	0.14	0.2
NVNT	n20	5240	Ant1	96.8	0.14	0.2
NVNT	n40	5190	Ant1	93.6	0.29	0.4
NVNT	n40	5230	Ant1	93.63	0.29	0.4
NVNT	ax20	5180	Ant1	96.8	0.14	0.2
NVNT	ax20	5200	Ant1	96.78	0.14	0.2
NVNT	ax20	5240	Ant1	96.78	0.14	0.2
NVNT	ax40	5190	Ant1	93.22	0.3	0.43
NVNT	ax40	5230	Ant1	93.18	0.31	0.43

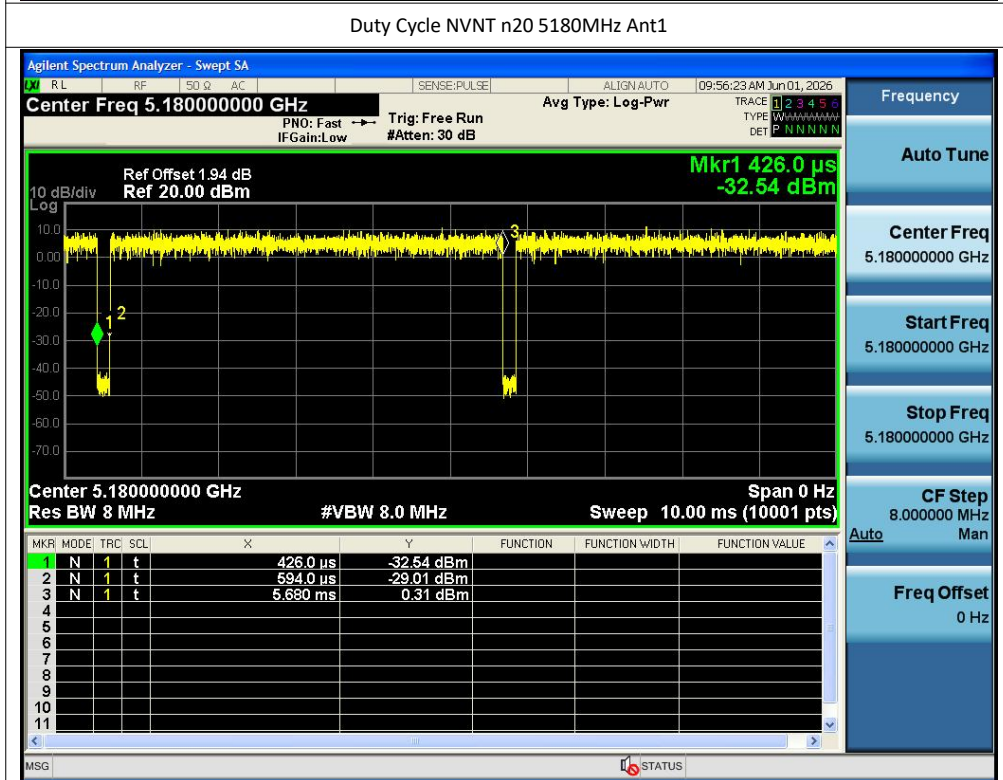
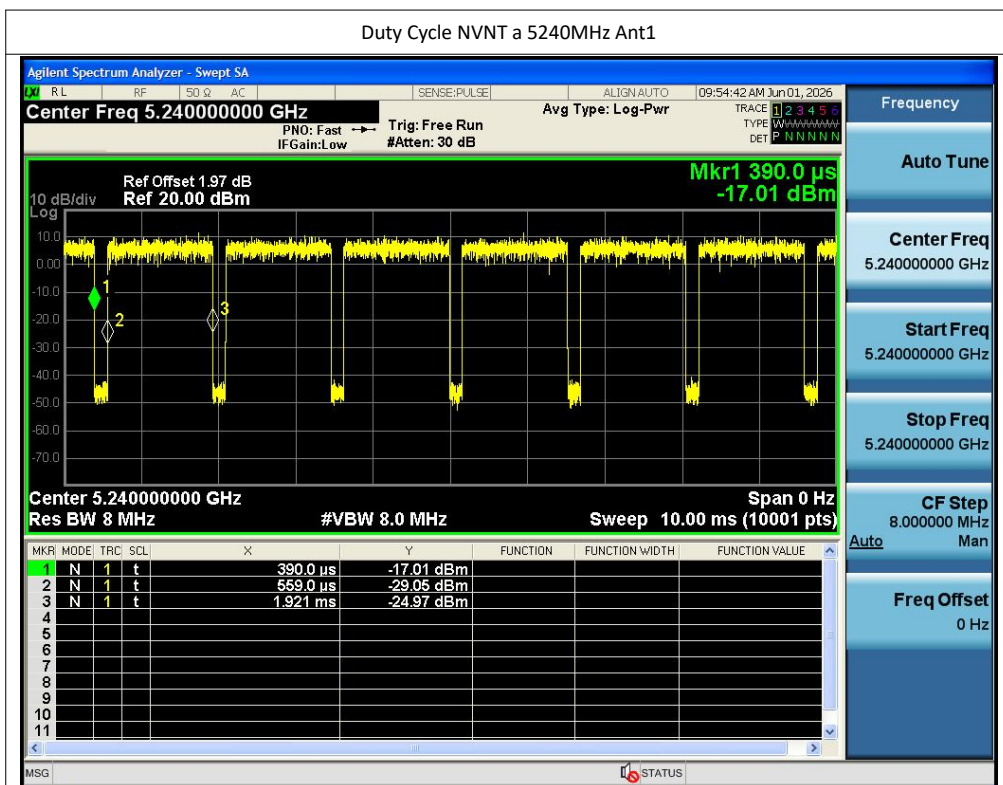
Test Graphs

Duty Cycle NVNT a 5180MHz Ant1

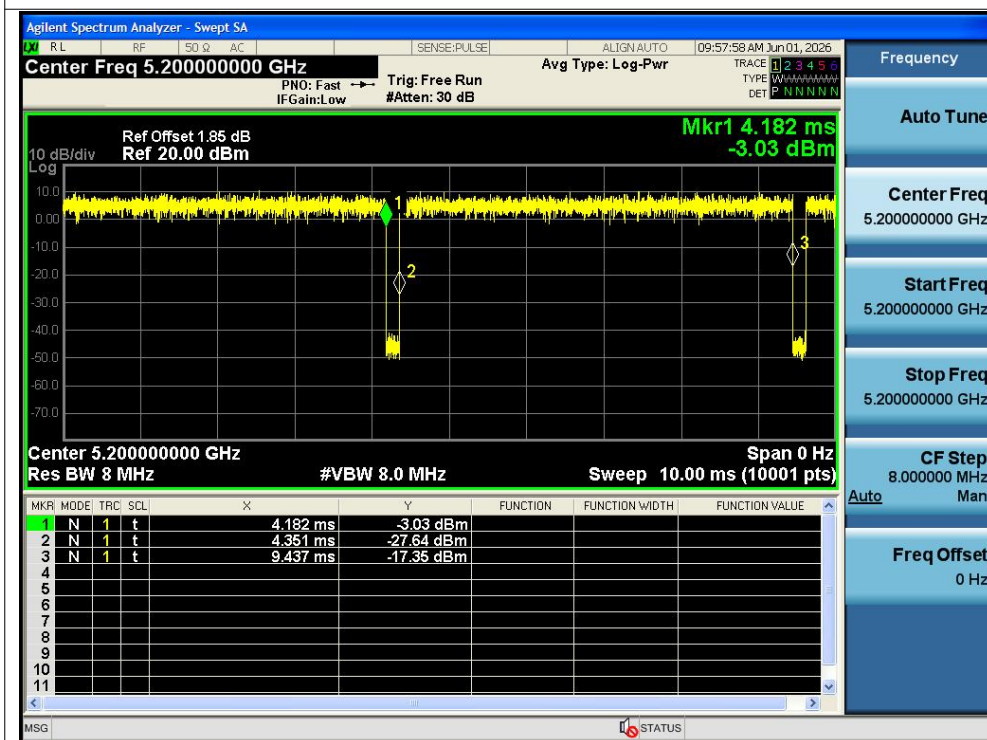


Duty Cycle NVNT a 5200MHz Ant1

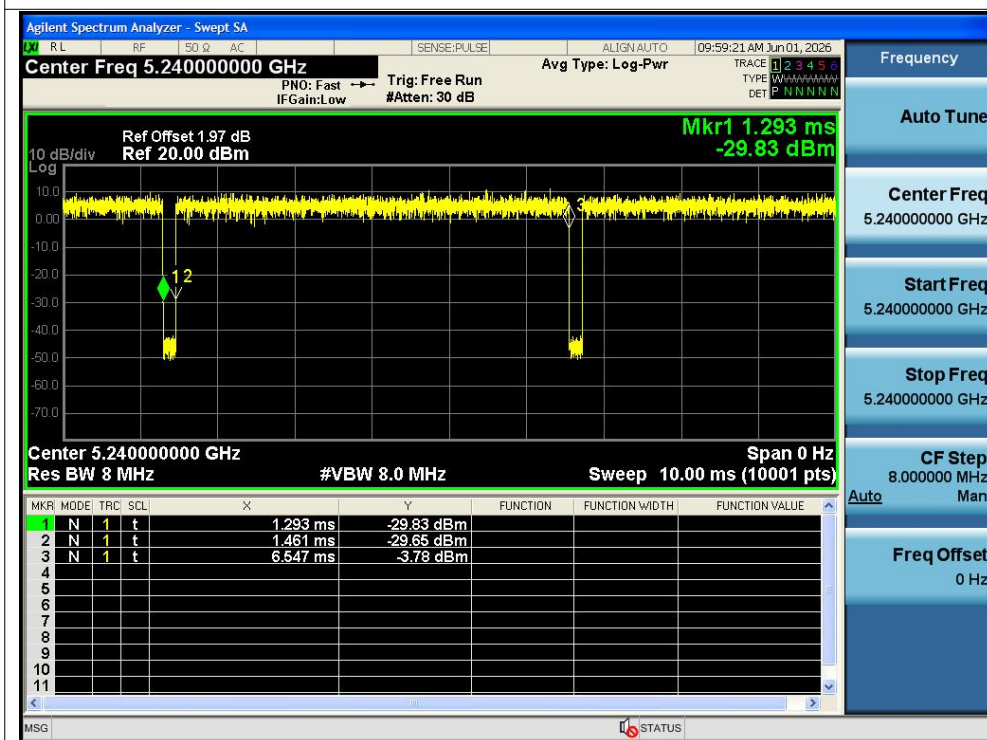




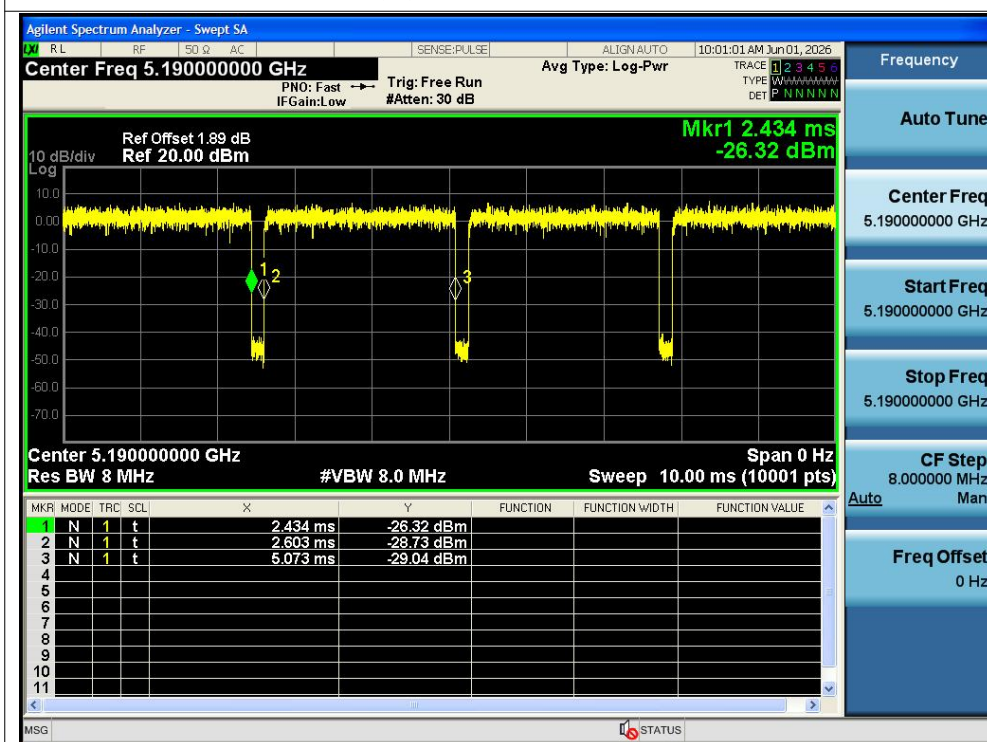
Duty Cycle NVNT n20 5200MHz Ant1



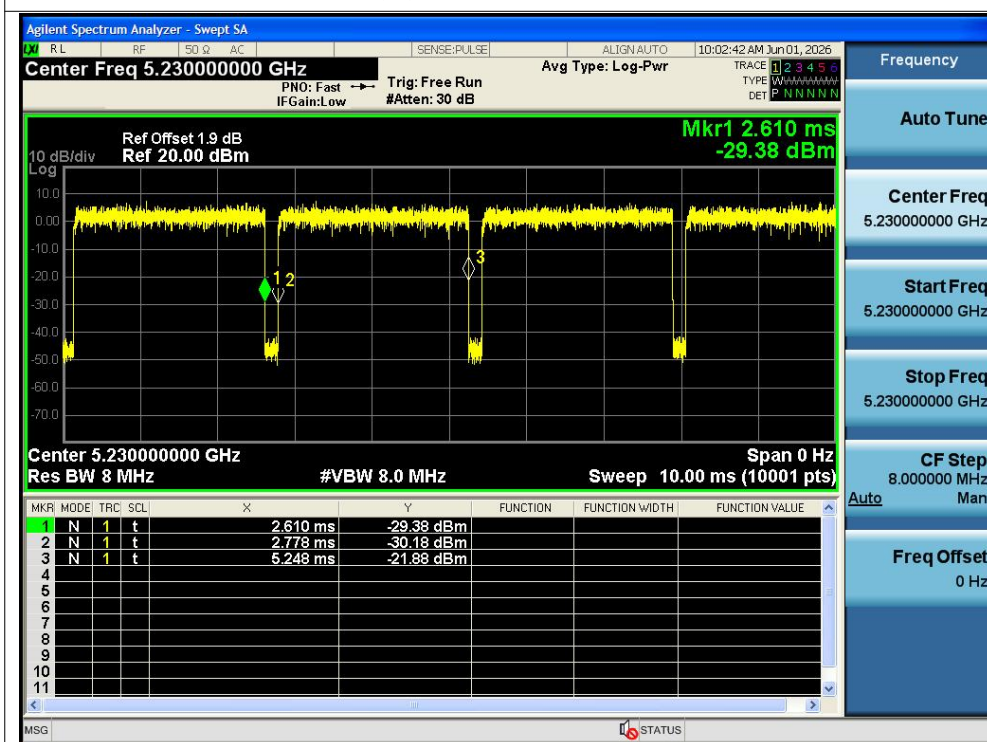
Duty Cycle NVNT n20 5240MHz Ant1



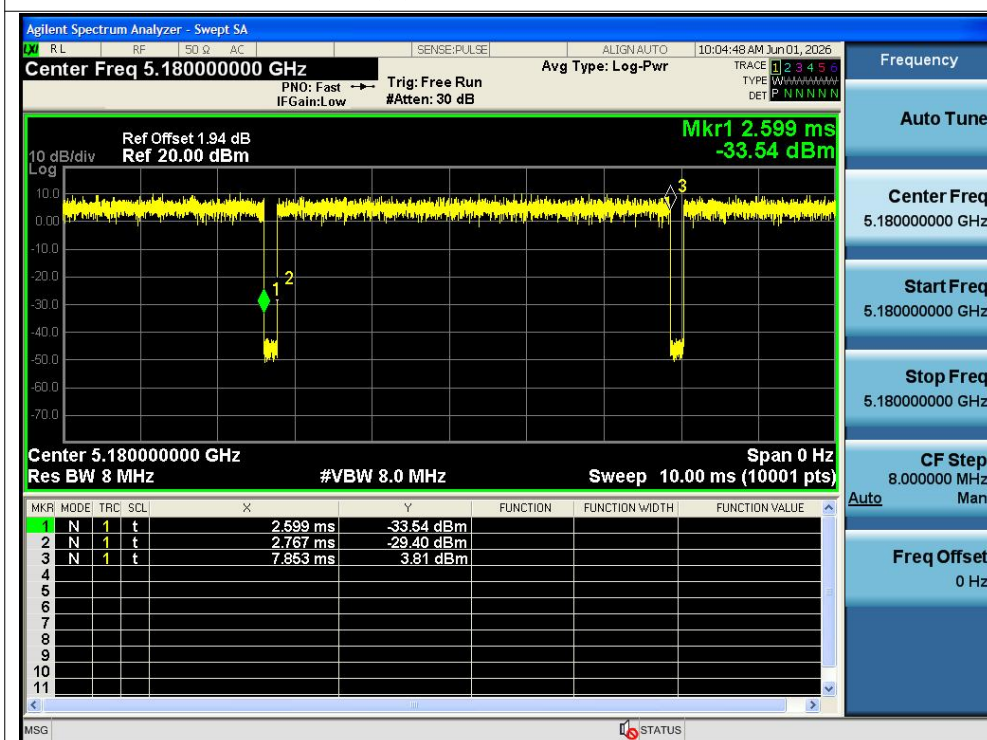
Duty Cycle NVNT n40 5190MHz Ant1



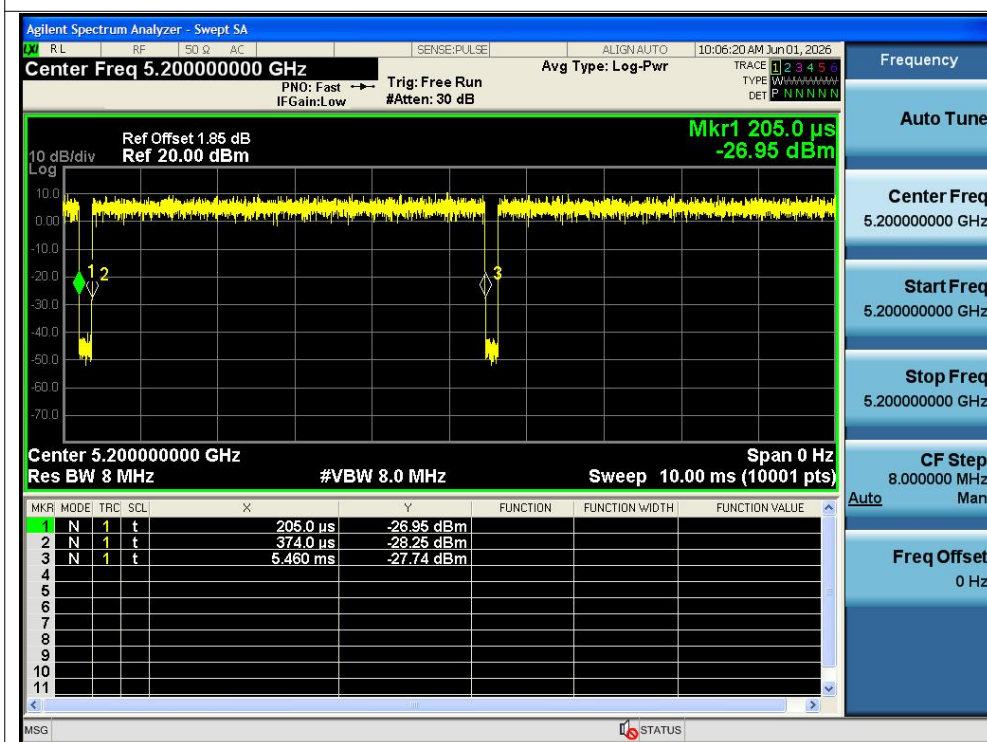
Duty Cycle NVNT n40 5230MHz Ant1



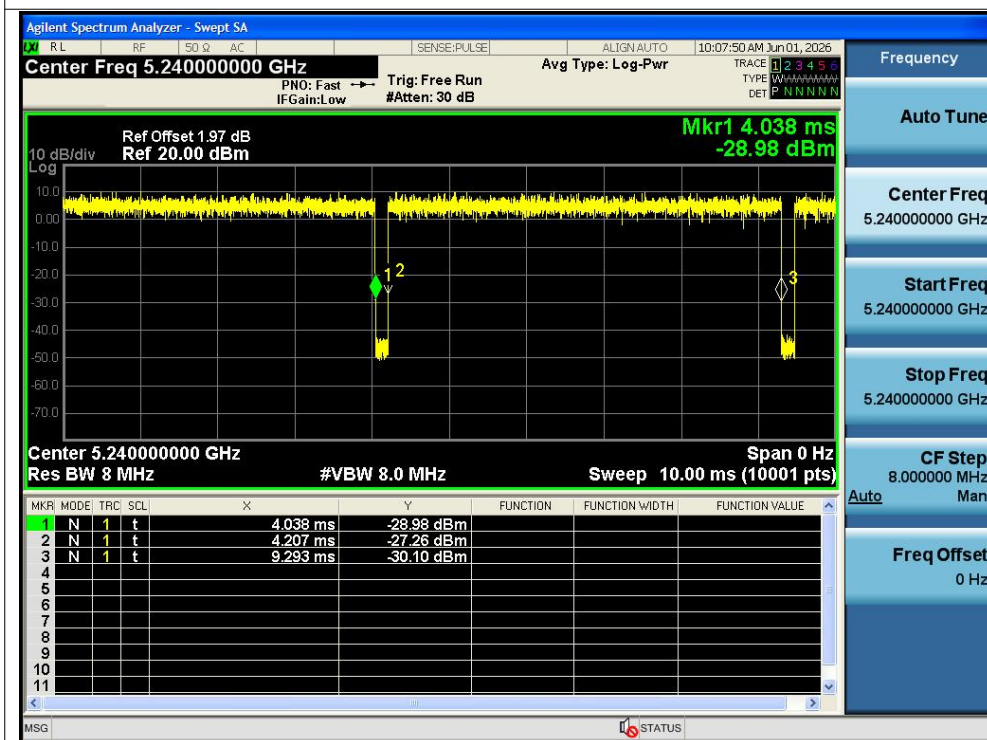
Duty Cycle NVNT ax20 5180MHz Ant1



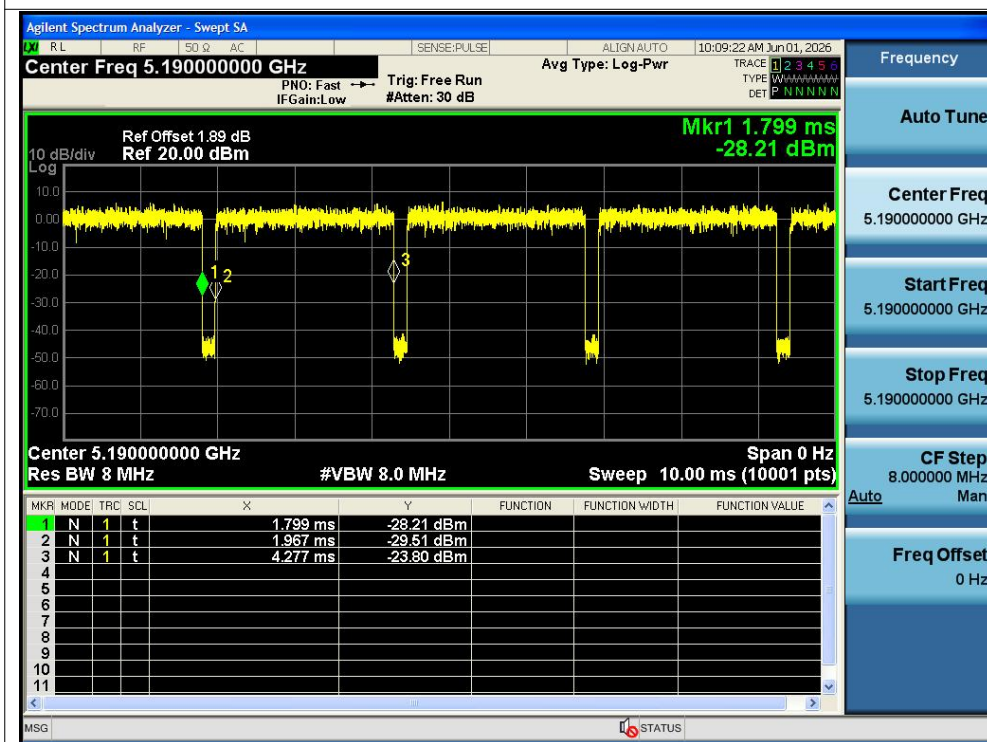
Duty Cycle NVNT ax20 5200MHz Ant1

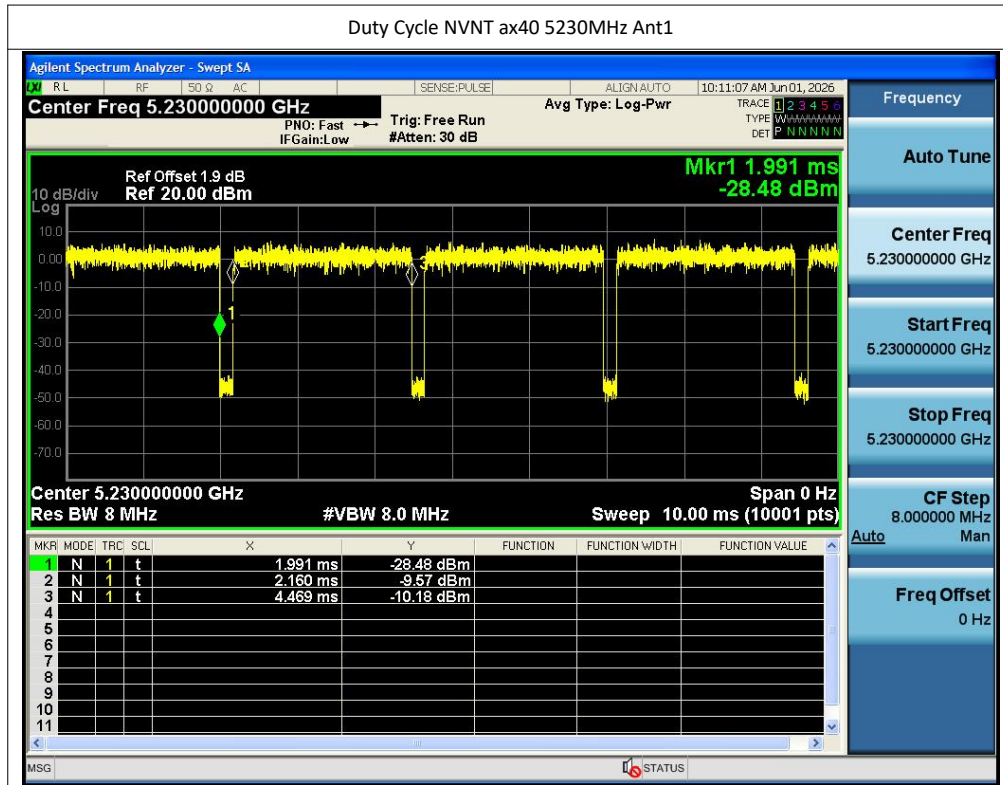


Duty Cycle NVNT ax20 5240MHz Ant1



Duty Cycle NVNT ax40 5190MHz Ant1



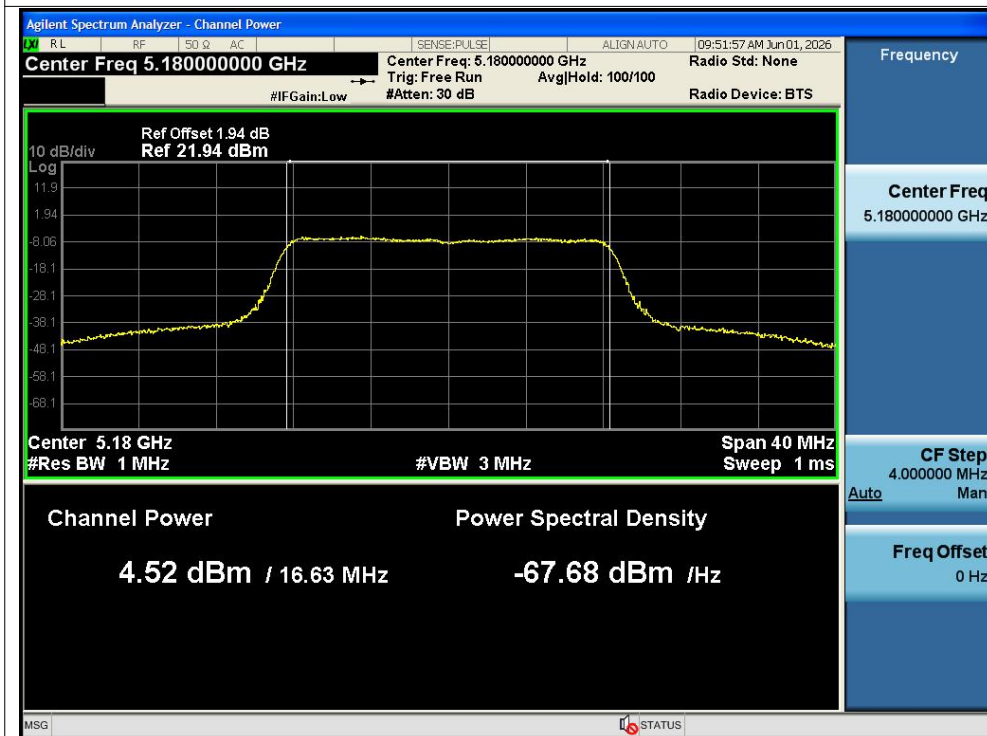


Maximum Conducted Output Power

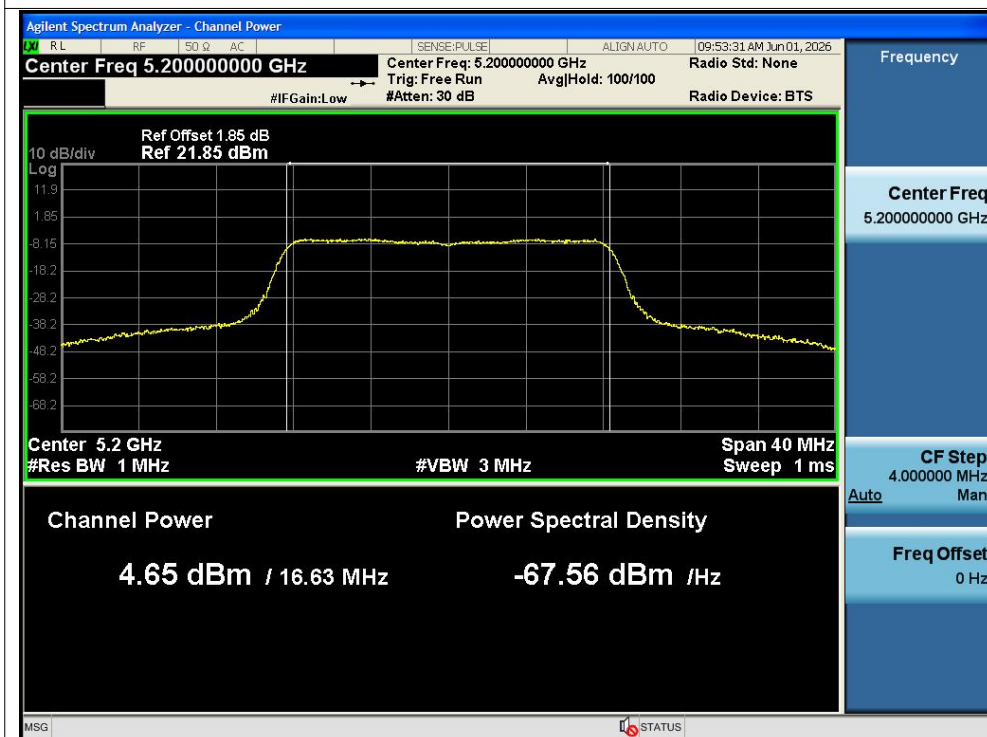
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	4.52	0.51	5.03	24	Pass
NVNT	a	5200	Ant1	4.65	0.51	5.16	24	Pass
NVNT	a	5240	Ant1	4.28	0.51	4.79	24	Pass
NVNT	n20	5180	Ant1	4.51	0.14	4.65	24	Pass
NVNT	n20	5200	Ant1	4.46	0.14	4.6	24	Pass
NVNT	n20	5240	Ant1	4.3	0.14	4.44	24	Pass
NVNT	n40	5190	Ant1	3.8	0.29	4.09	24	Pass
NVNT	n40	5230	Ant1	4.06	0.29	4.35	24	Pass
NVNT	ax20	5180	Ant1	4.29	0.14	4.43	24	Pass
NVNT	ax20	5200	Ant1	4.24	0.14	4.38	24	Pass
NVNT	ax20	5240	Ant1	4.23	0.14	4.37	24	Pass
NVNT	ax40	5190	Ant1	5.01	0.3	5.31	24	Pass
NVNT	ax40	5230	Ant1	5.01	0.31	5.32	24	Pass

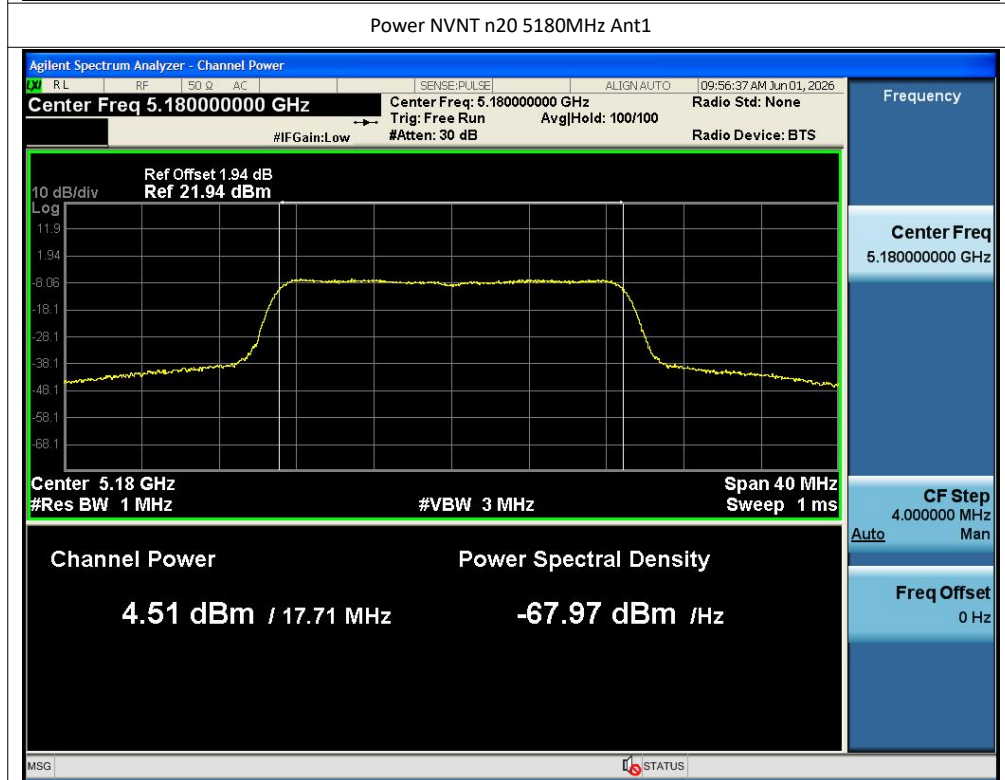
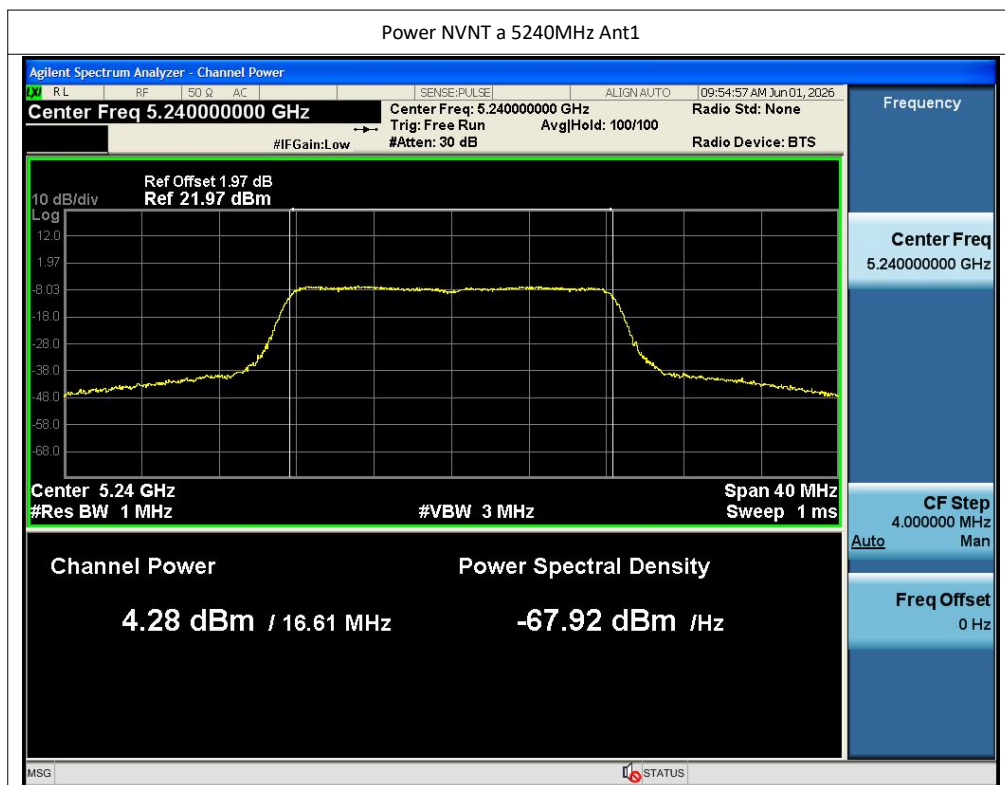
Test Graphs

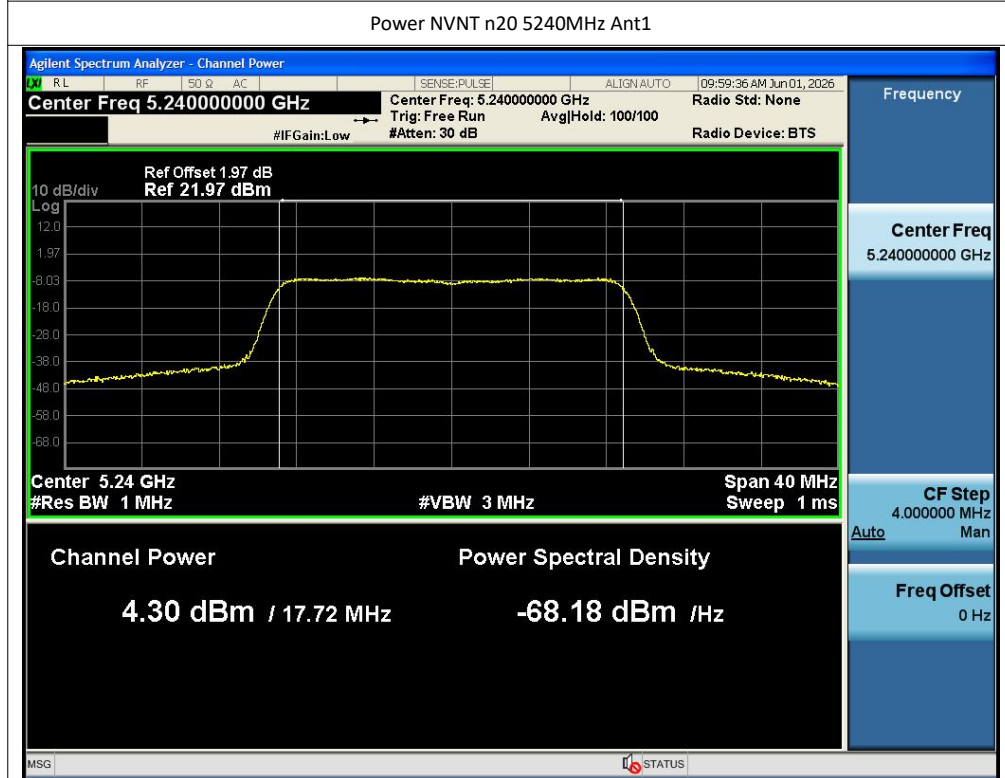
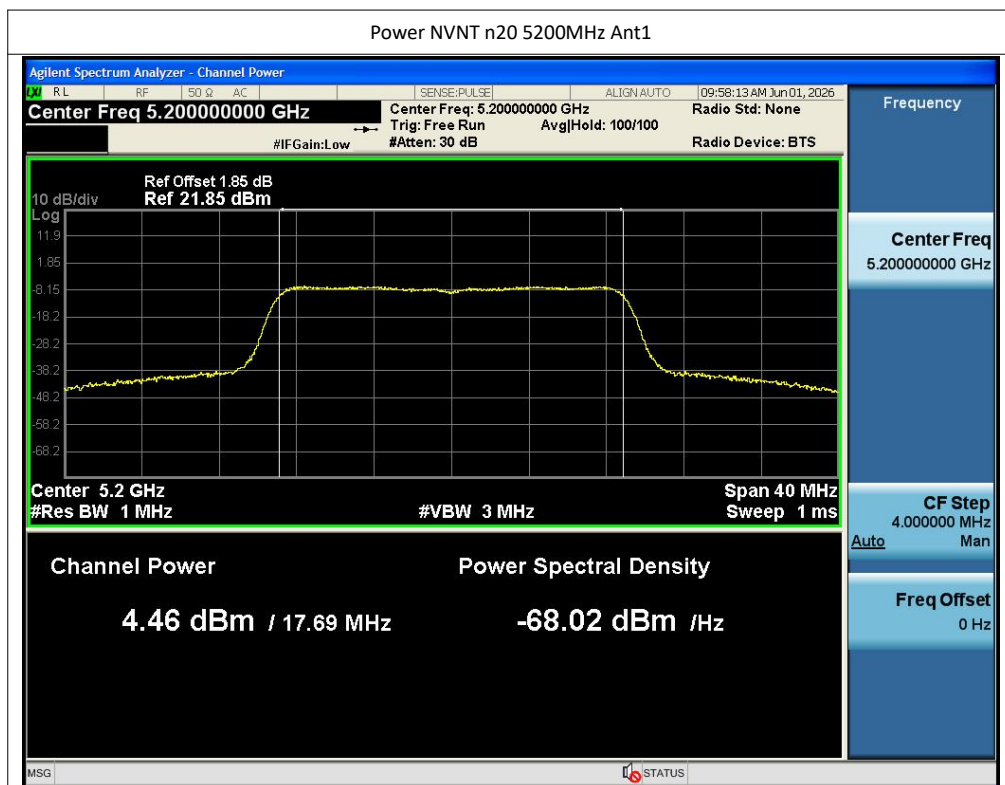
Power NVNT a 5180MHz Ant1

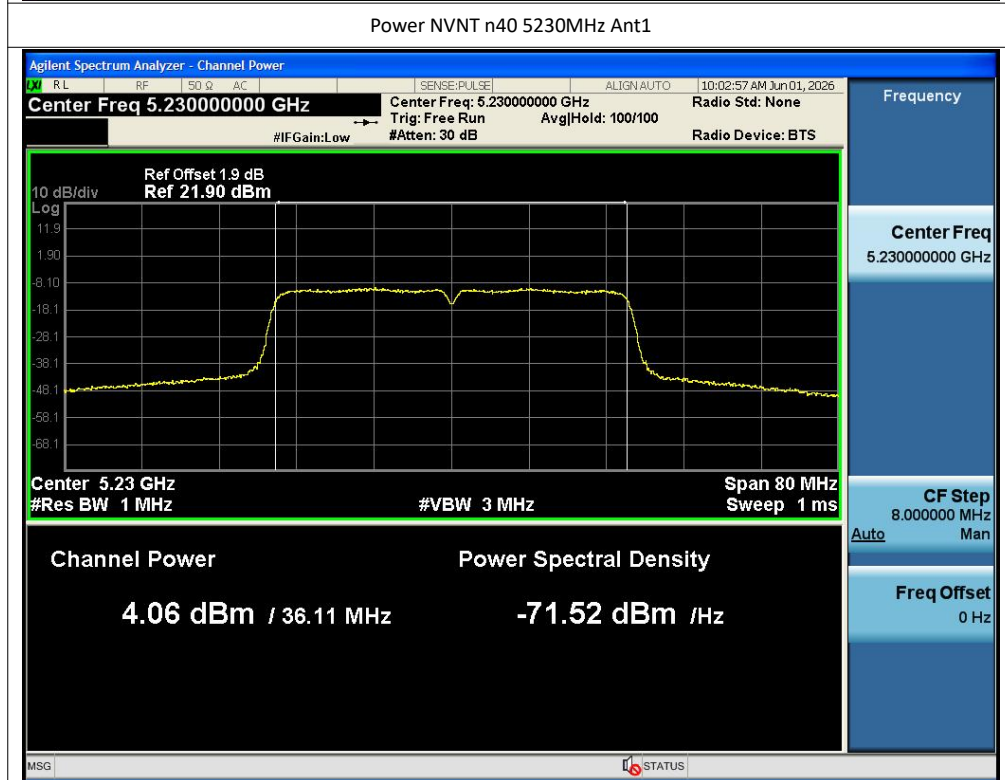
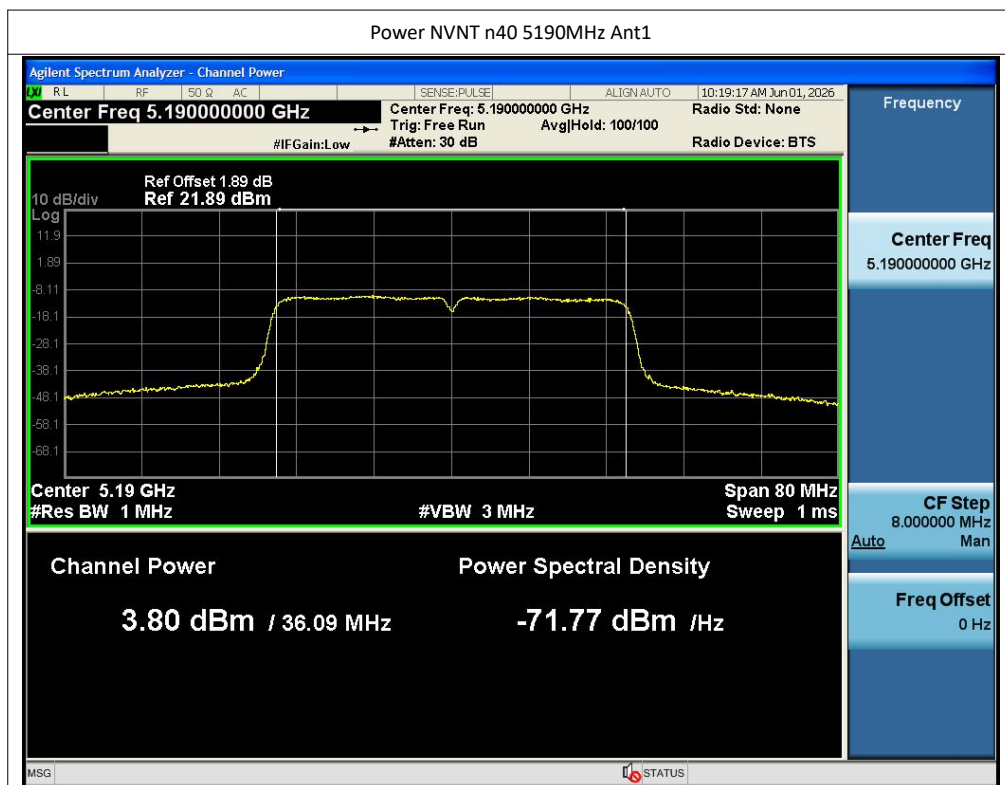


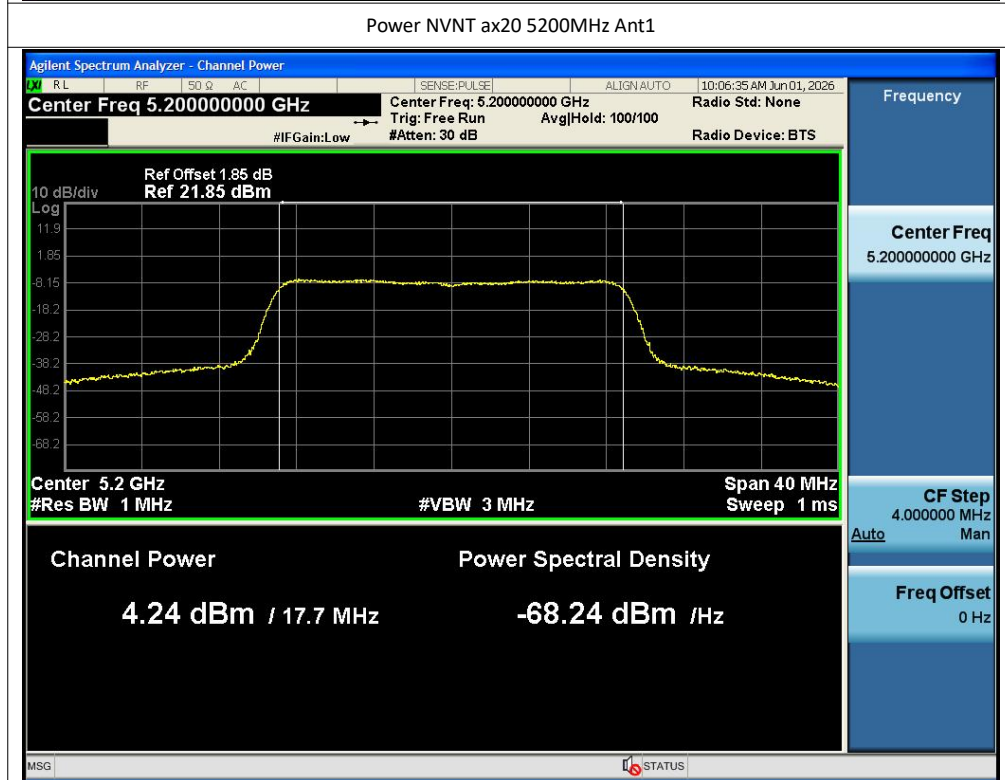
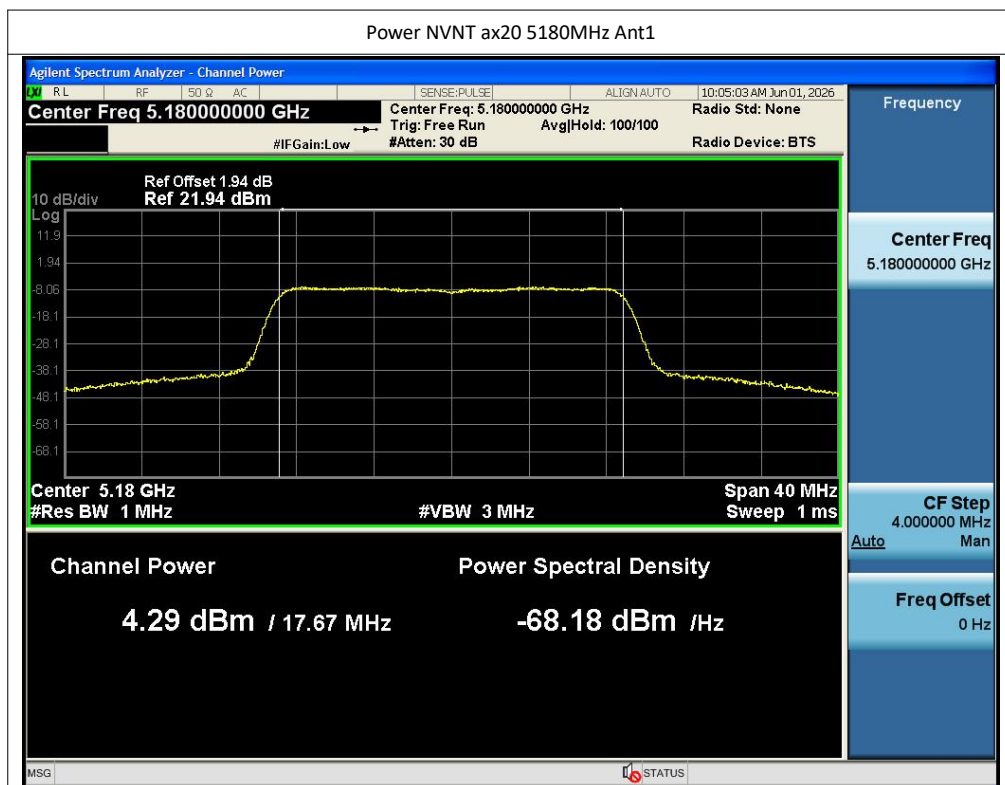
Power NVNT a 5200MHz Ant1

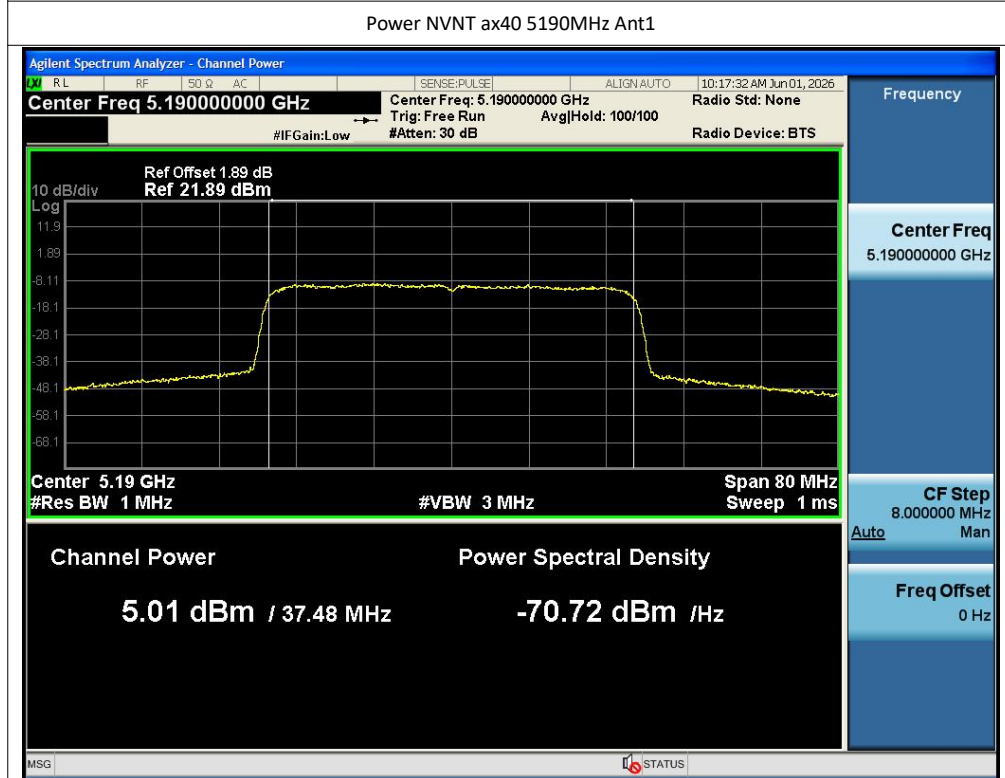
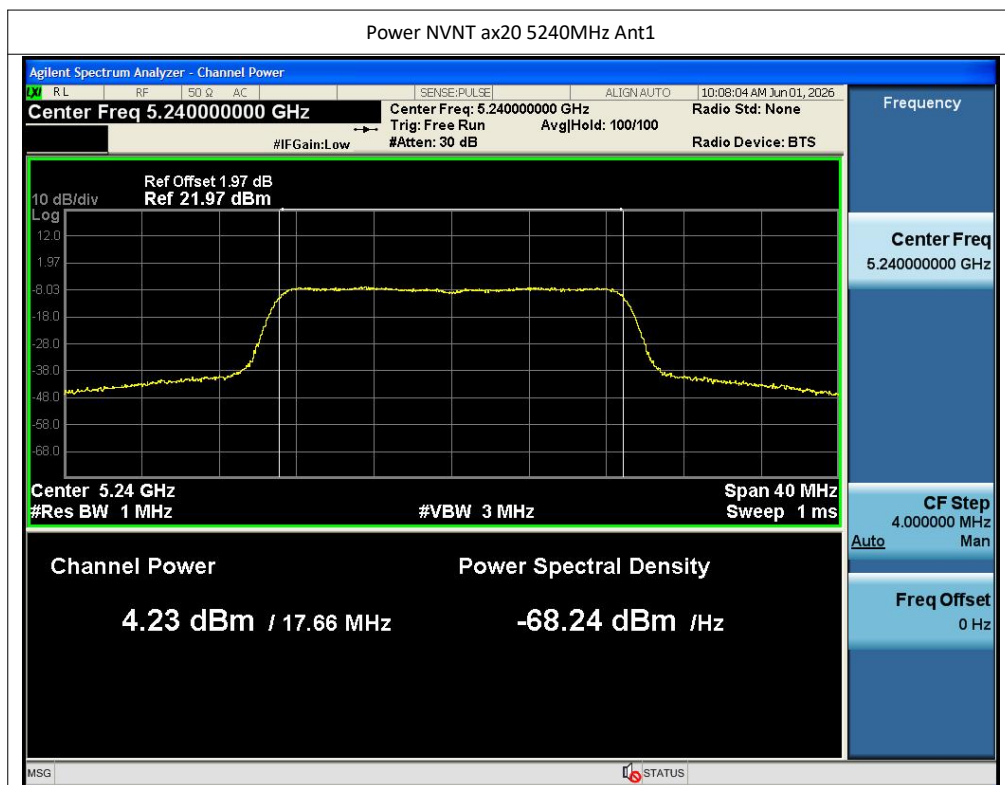


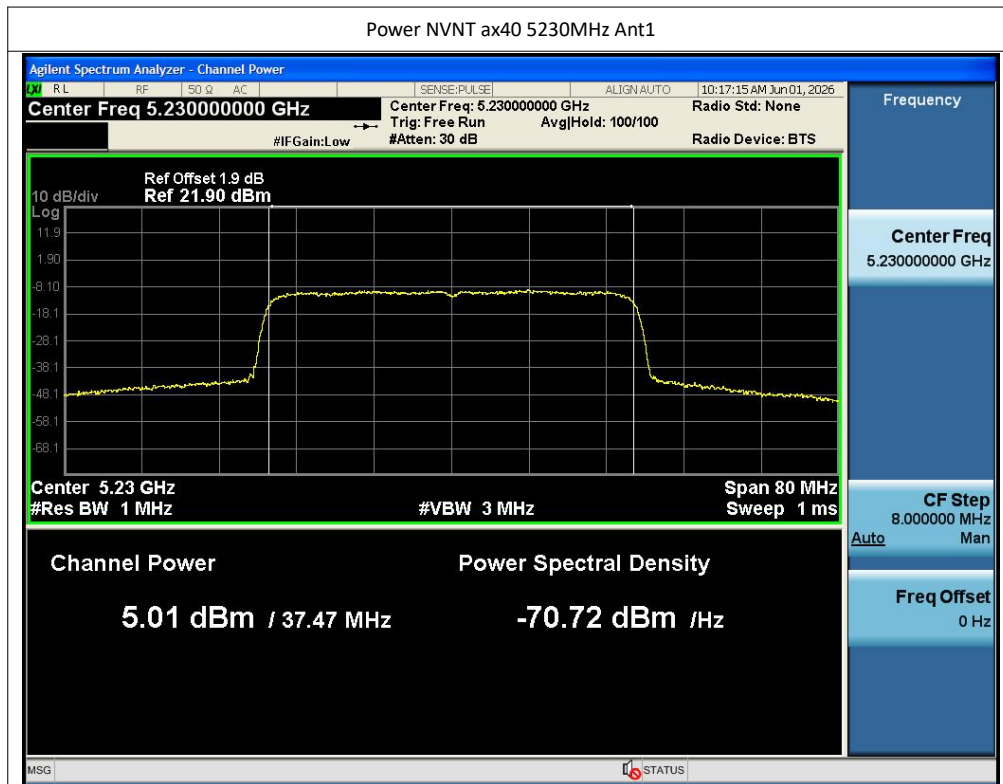










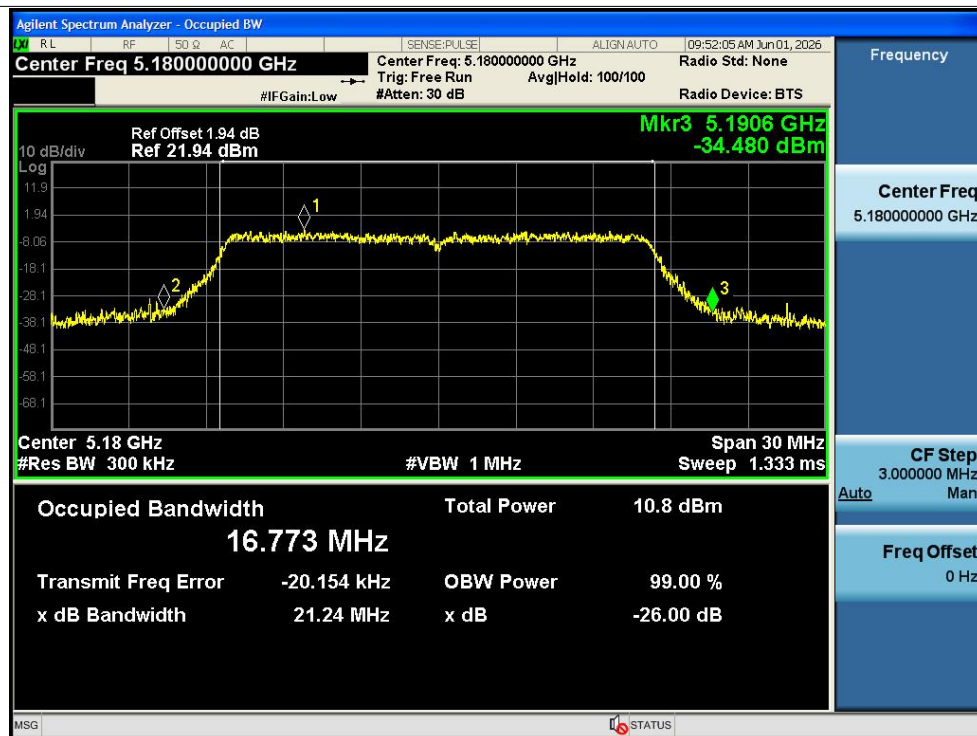


-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	21.24	0.5	Pass
NVNT	a	5200	Ant1	20.29	0.5	Pass
NVNT	a	5240	Ant1	20.23	0.5	Pass
NVNT	n20	5180	Ant1	20.71	0.5	Pass
NVNT	n20	5200	Ant1	20.86	0.5	Pass
NVNT	n20	5240	Ant1	20.77	0.5	Pass
NVNT	n40	5190	Ant1	40.58	0.5	Pass
NVNT	n40	5230	Ant1	40.91	0.5	Pass
NVNT	ax20	5180	Ant1	20.52	0.5	Pass
NVNT	ax20	5200	Ant1	20.5	0.5	Pass
NVNT	ax20	5240	Ant1	20.19	0.5	Pass
NVNT	ax40	5190	Ant1	40.4	0.5	Pass
NVNT	ax40	5230	Ant1	40.69	0.5	Pass

Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



