

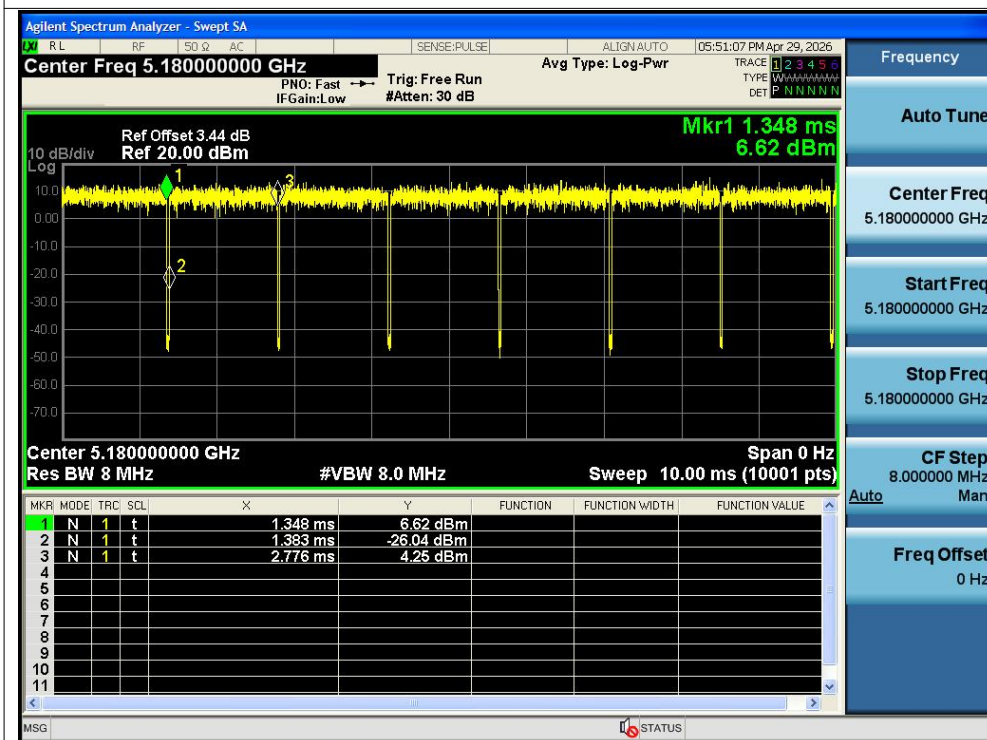
Appendix F_5.1G WIFI

Duty Cycle

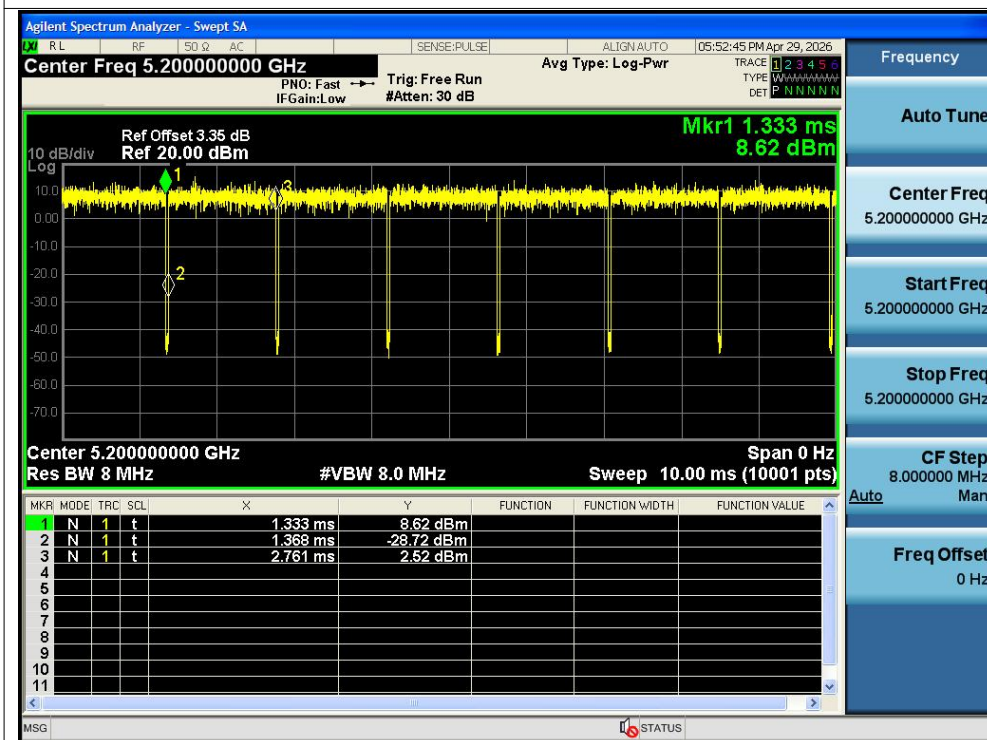
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	97.55	0.11	0.72
NVNT	a	5200	Ant1	97.55	0.11	0.72
NVNT	a	5240	Ant1	97.48	0.11	0.72
NVNT	n20	5180	Ant1	97.08	0.13	0.72
NVNT	n20	5200	Ant1	96.87	0.14	0.72
NVNT	n20	5240	Ant1	97.31	0.12	0.77
NVNT	ac20	5180	Ant1	97.4	0.11	0.76
NVNT	ac20	5200	Ant1	96.83	0.14	0.76
NVNT	ac20	5240	Ant1	97.4	0.11	0.76
NVNT	ax20	5180	Ant1	97.4	0.11	0.76
NVNT	ax20	5200	Ant1	97.4	0.11	0.76
NVNT	ax20	5240	Ant1	97.4	0.11	0.76

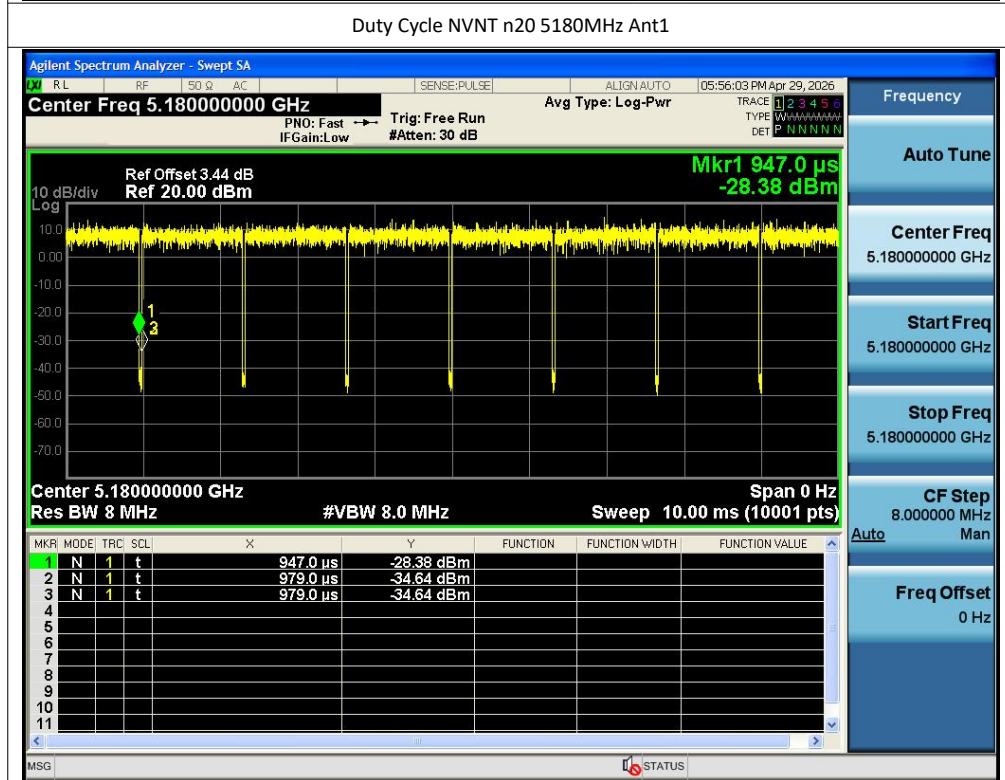
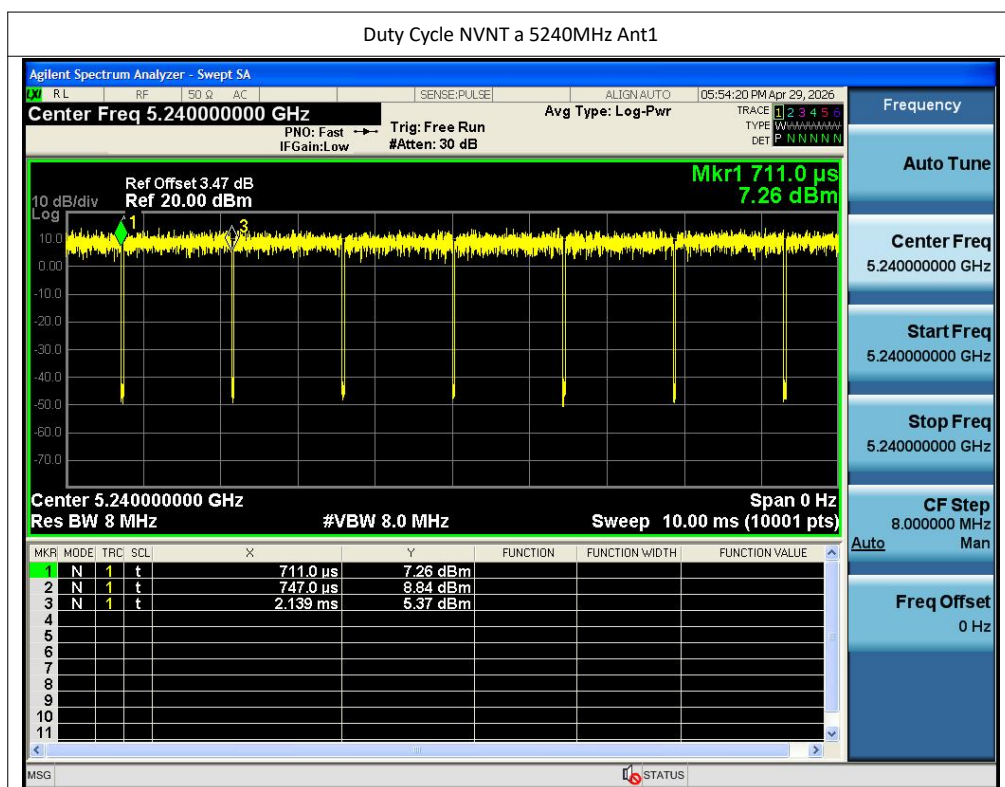
Test Graphs

Duty Cycle NVNT a 5180MHz Ant1

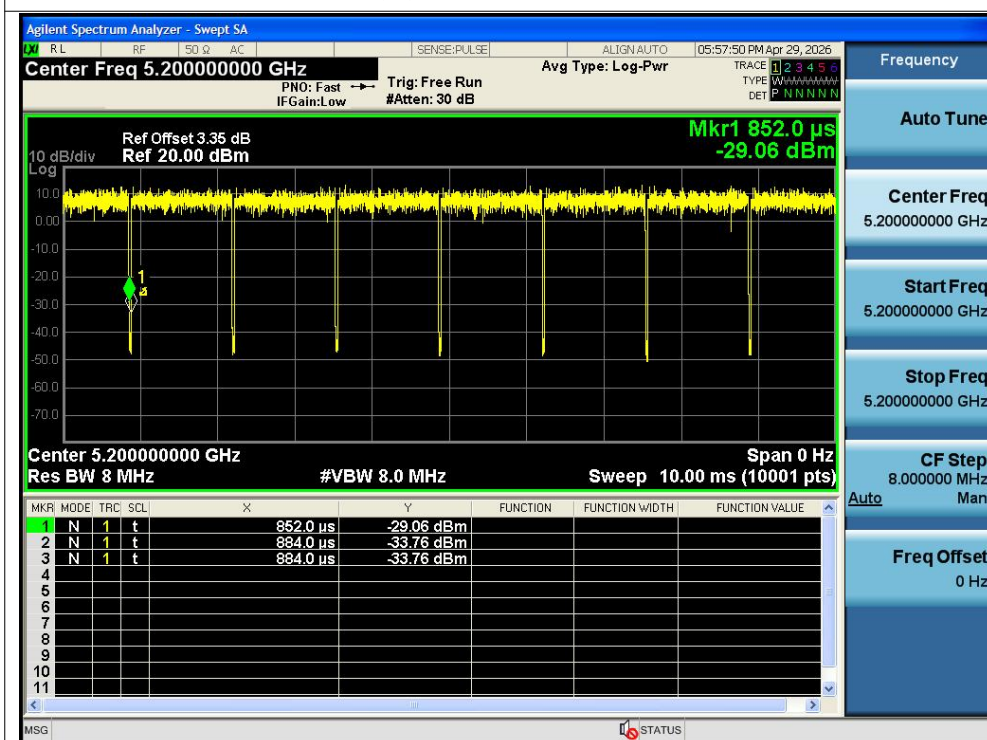


Duty Cycle NVNT a 5200MHz Ant1

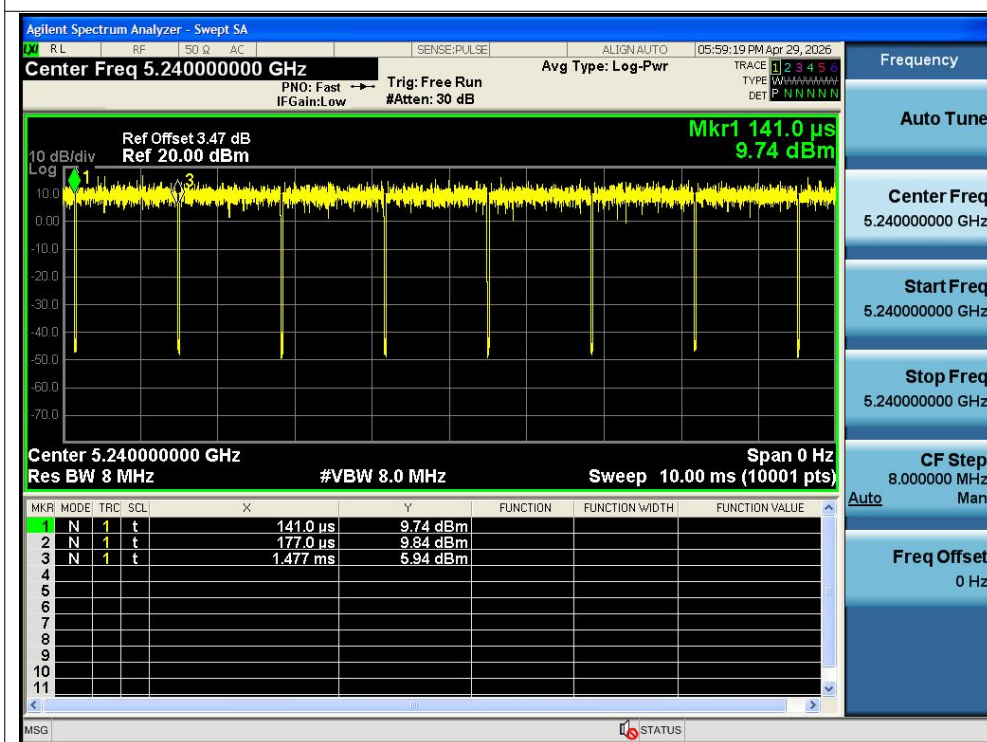




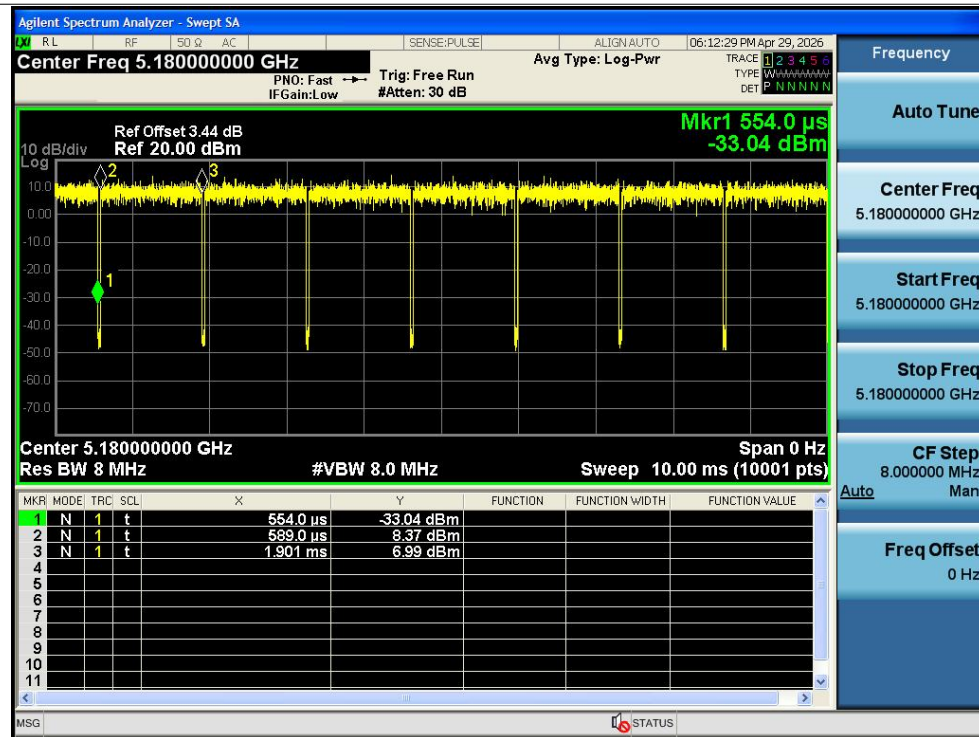
Duty Cycle NVNT n20 5200MHz Ant1



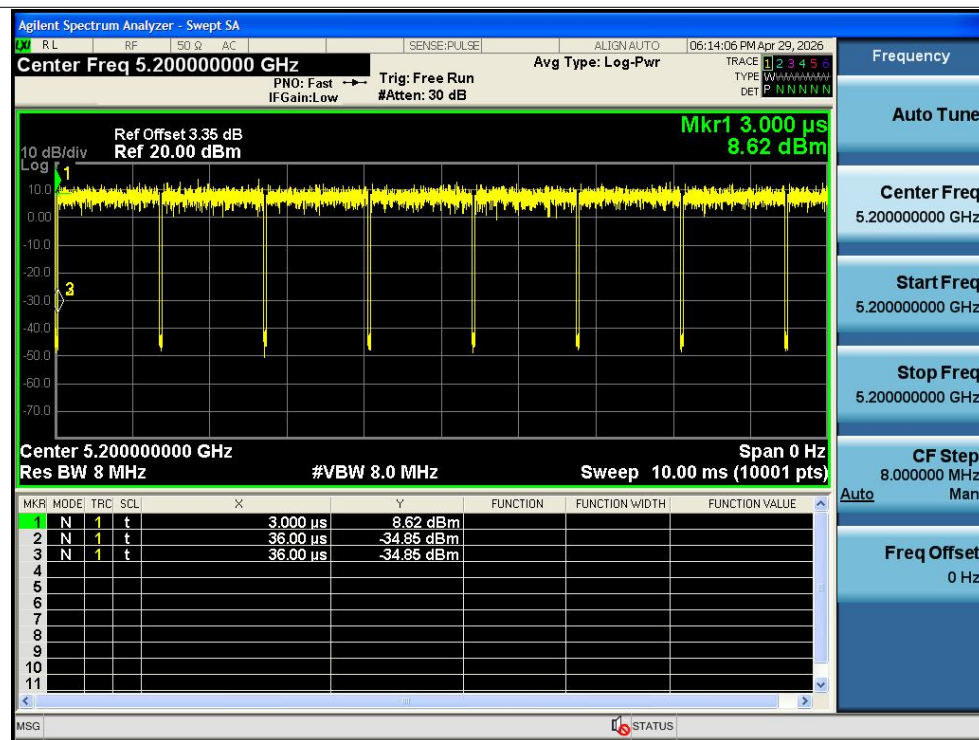
Duty Cycle NVNT n20 5240MHz Ant1

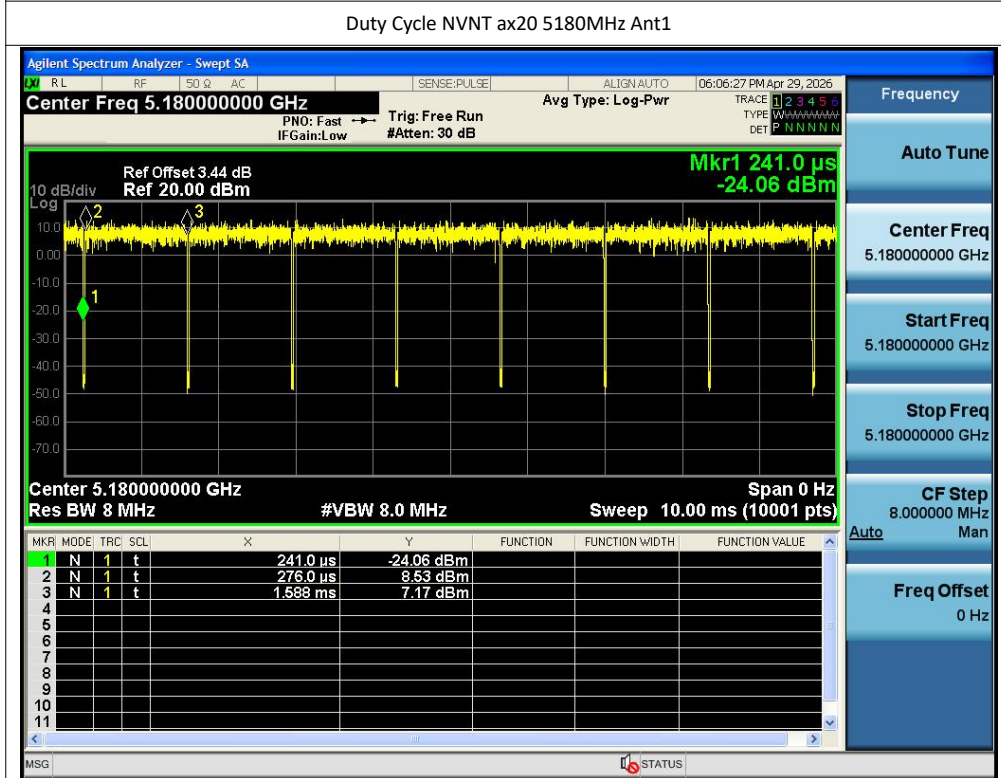
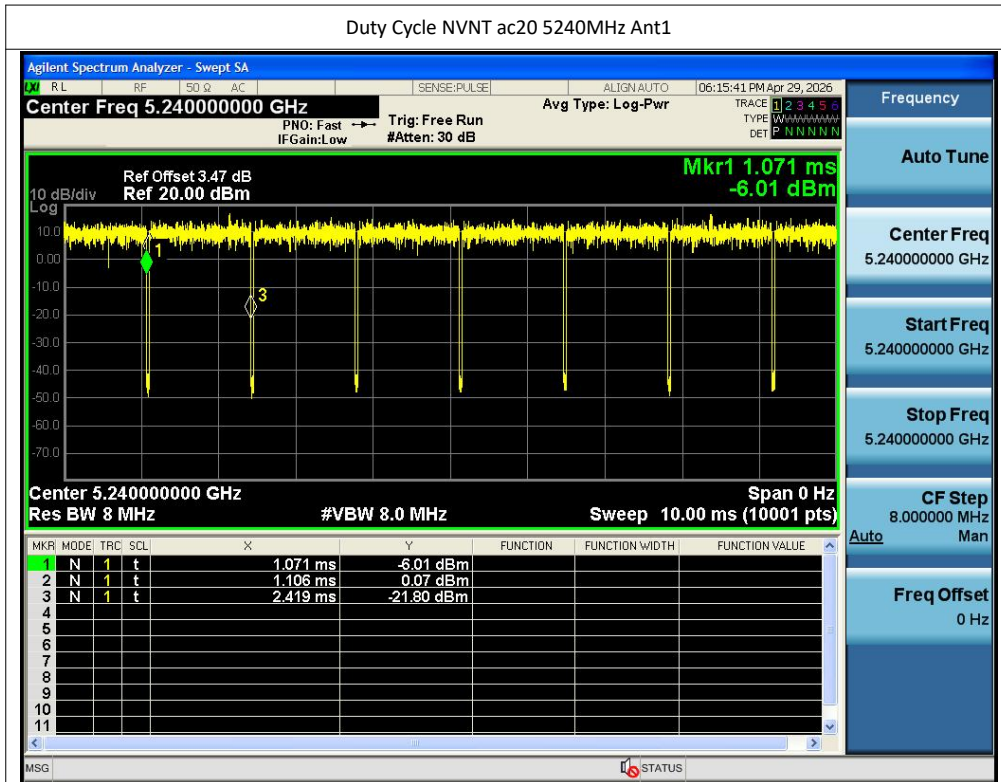


Duty Cycle NVNT ac20 5180MHz Ant1

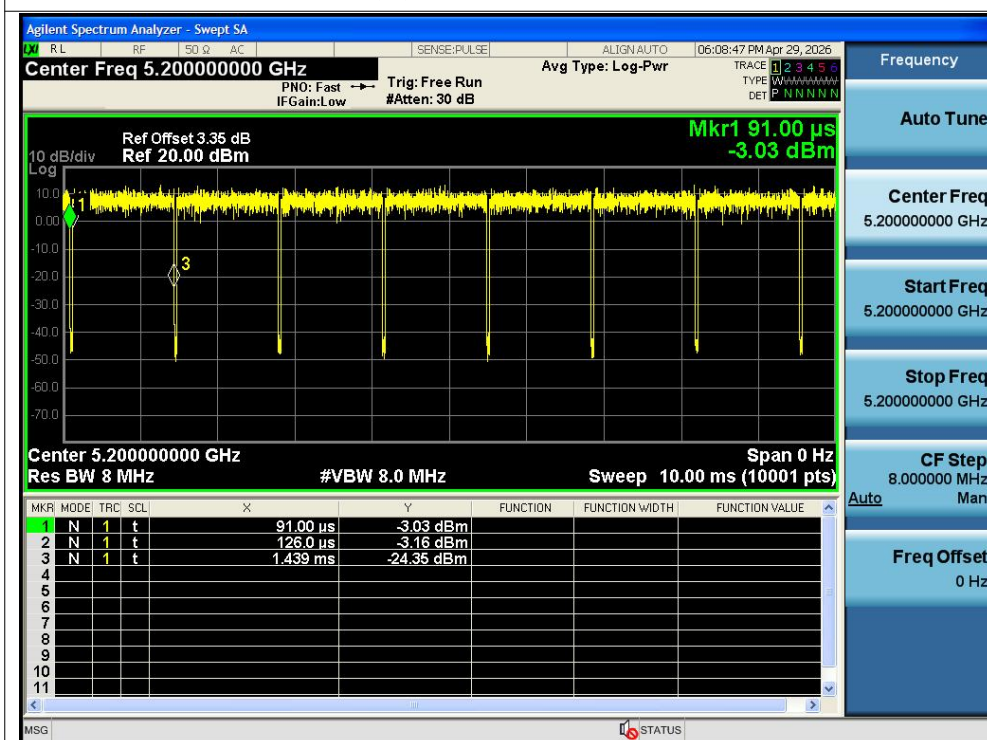


Duty Cycle NVNT ac20 5200MHz Ant1

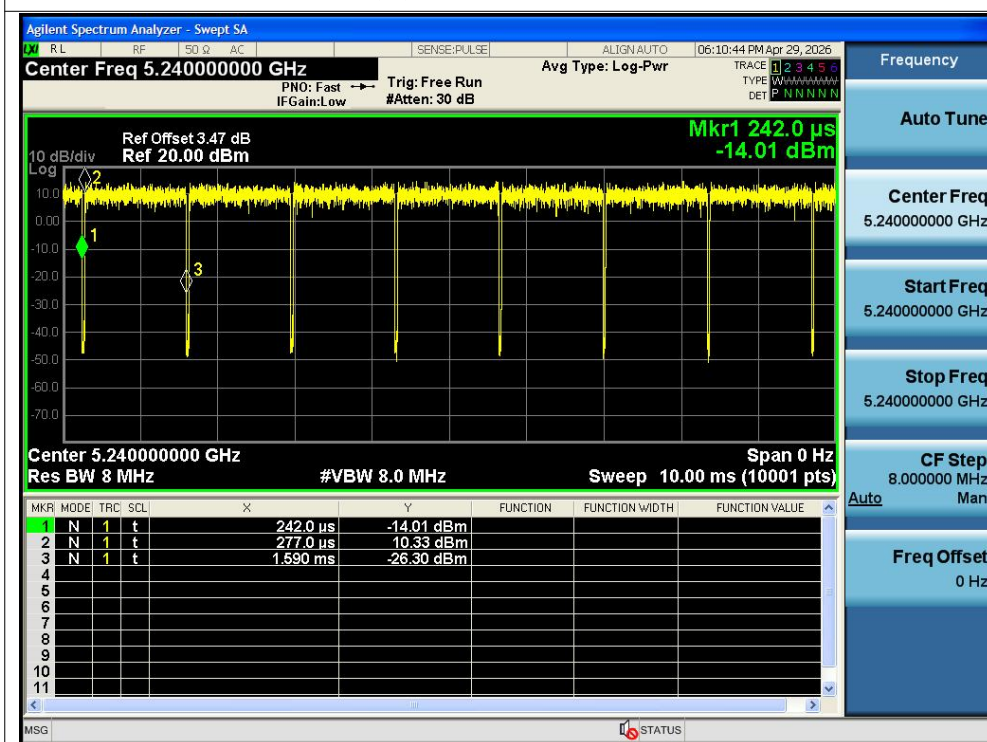




Duty Cycle NVNT ax20 5200MHz Ant1



Duty Cycle NVNT ax20 5240MHz Ant1

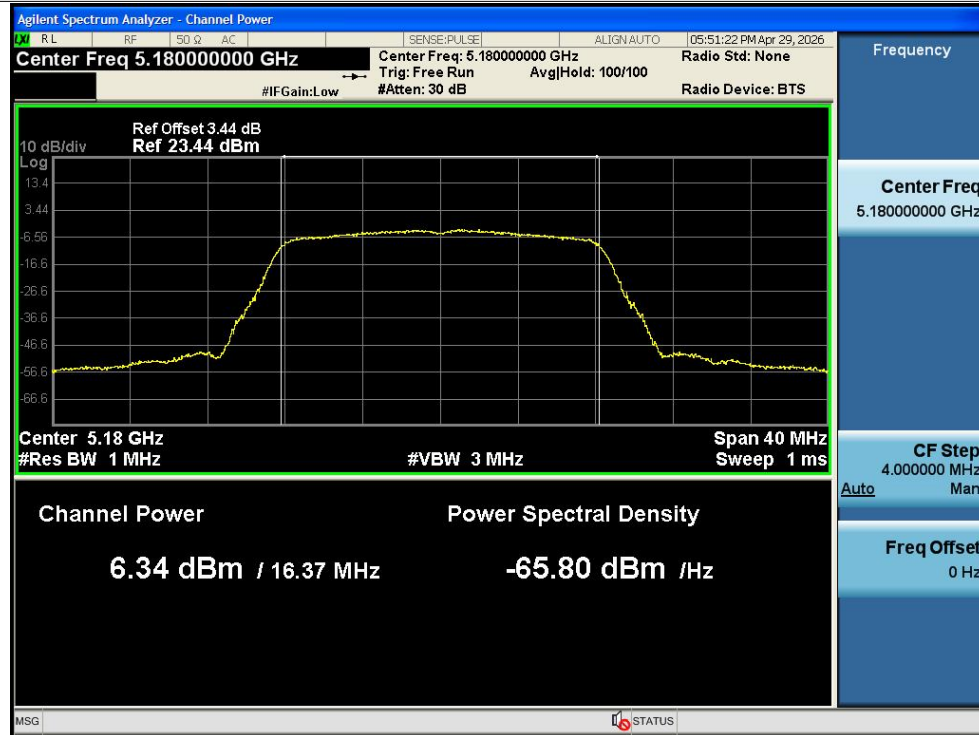


Maximum Conducted Output Power

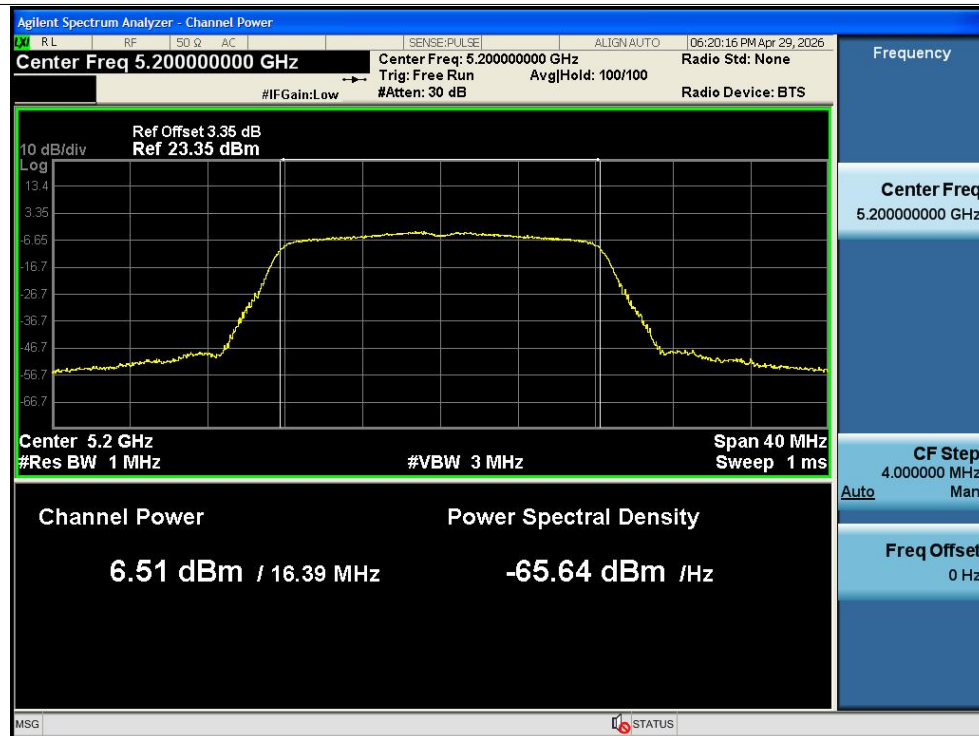
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	6.34	0.11	6.45	24	Pass
NVNT	a	5200	Ant1	6.51	0.11	6.62	24	Pass
NVNT	a	5240	Ant1	6.79	0.11	6.9	24	Pass
NVNT	n20	5180	Ant1	5.9	0.13	6.03	24	Pass
NVNT	n20	5200	Ant1	5.34	0.14	5.48	24	Pass
NVNT	n20	5240	Ant1	6.62	0.12	6.74	24	Pass
NVNT	ac20	5180	Ant1	6.07	0.11	6.18	24	Pass
NVNT	ac20	5200	Ant1	5.26	0.14	5.4	24	Pass
NVNT	ac20	5240	Ant1	6.14	0.11	6.25	24	Pass
NVNT	ax20	5180	Ant1	6.1	0.11	6.21	24	Pass
NVNT	ax20	5200	Ant1	6.33	0.11	6.44	24	Pass
NVNT	ax20	5240	Ant1	6.62	0.11	6.73	24	Pass

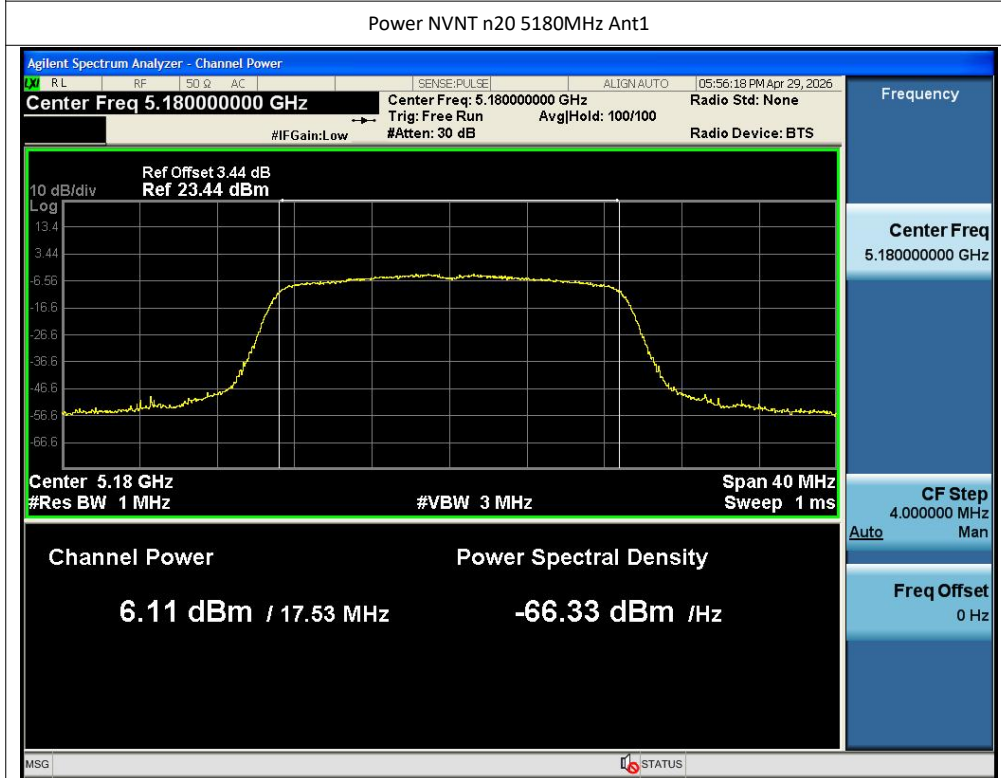
Test Graphs

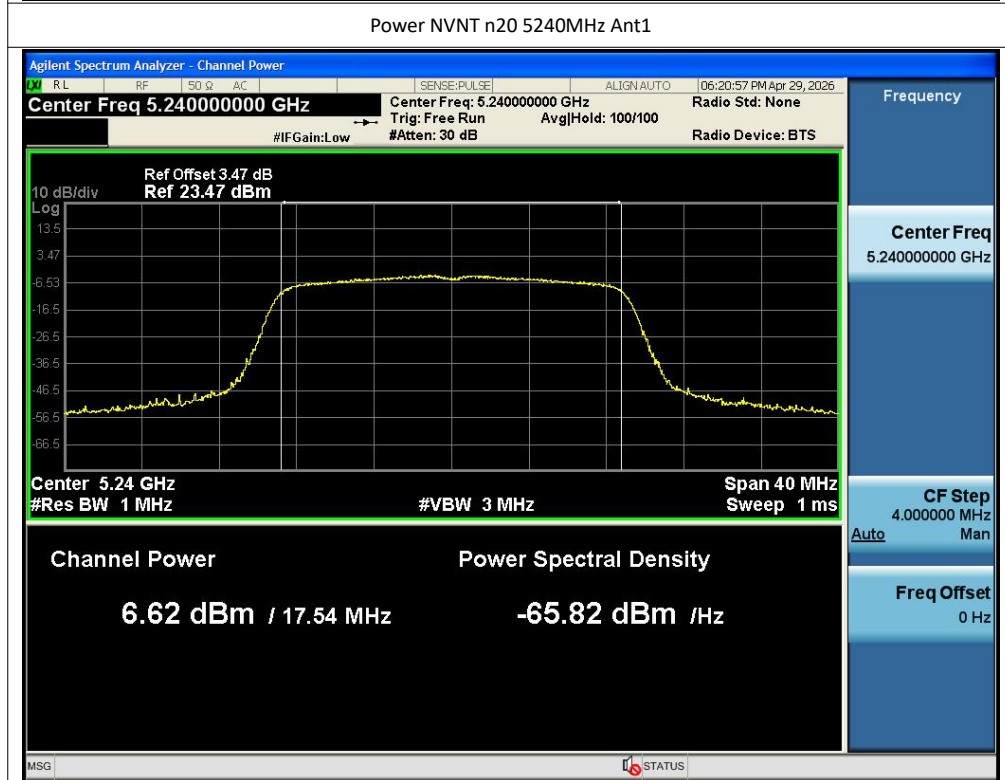
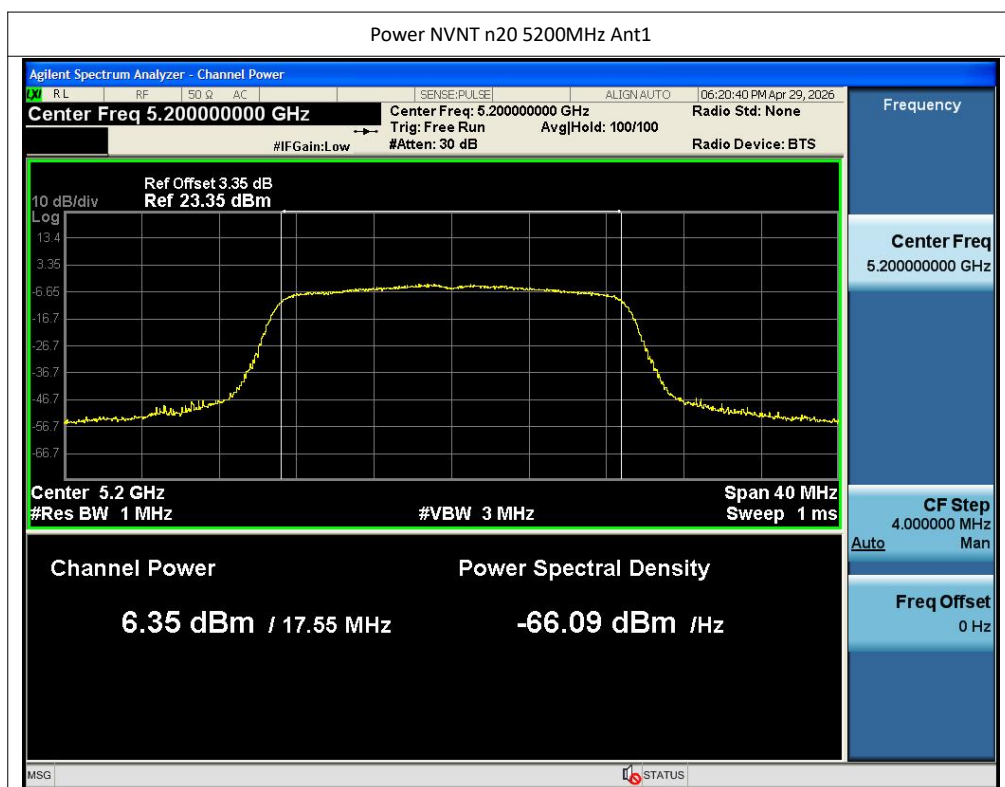
Power NVNT a 5180MHz Ant1

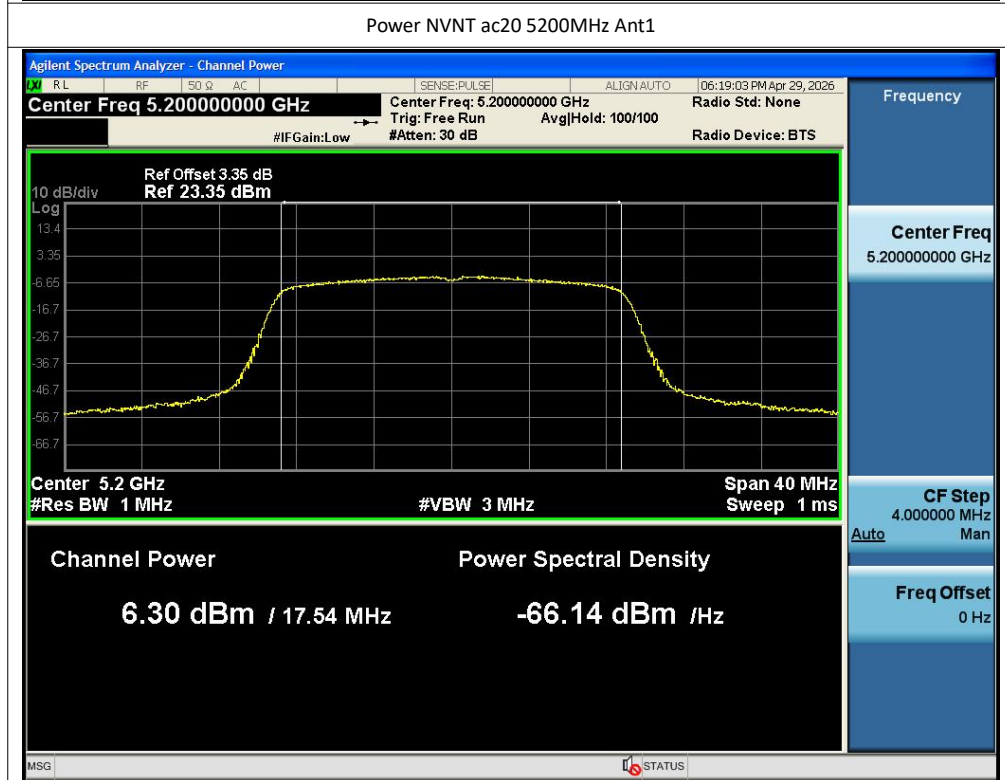
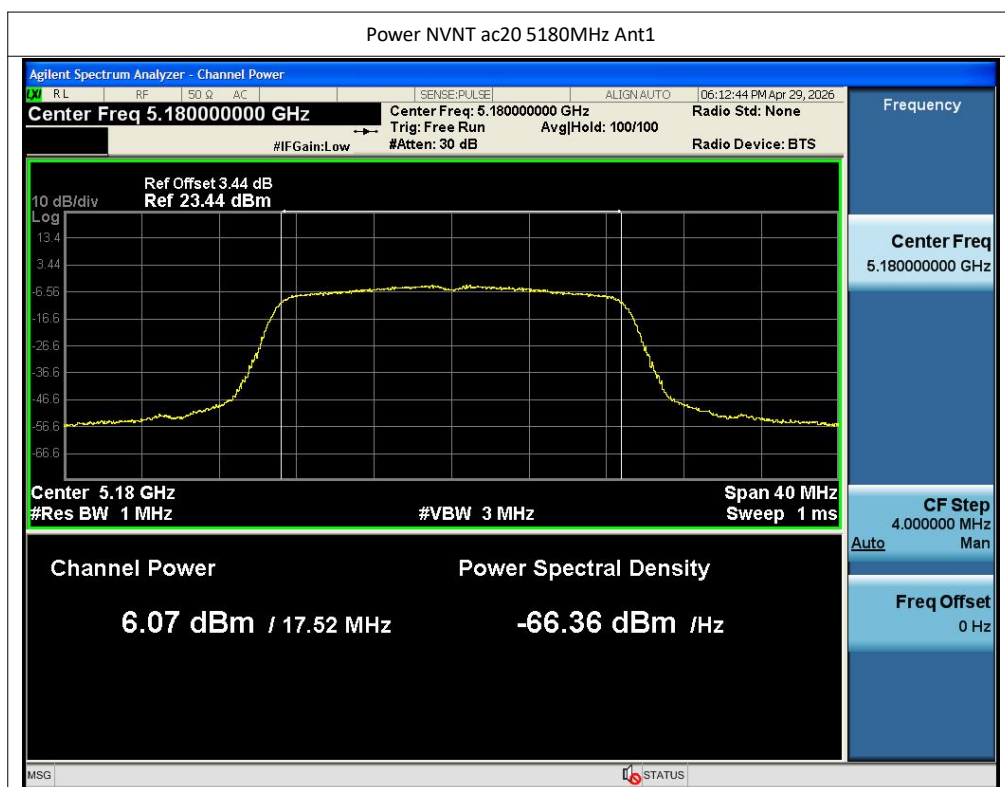


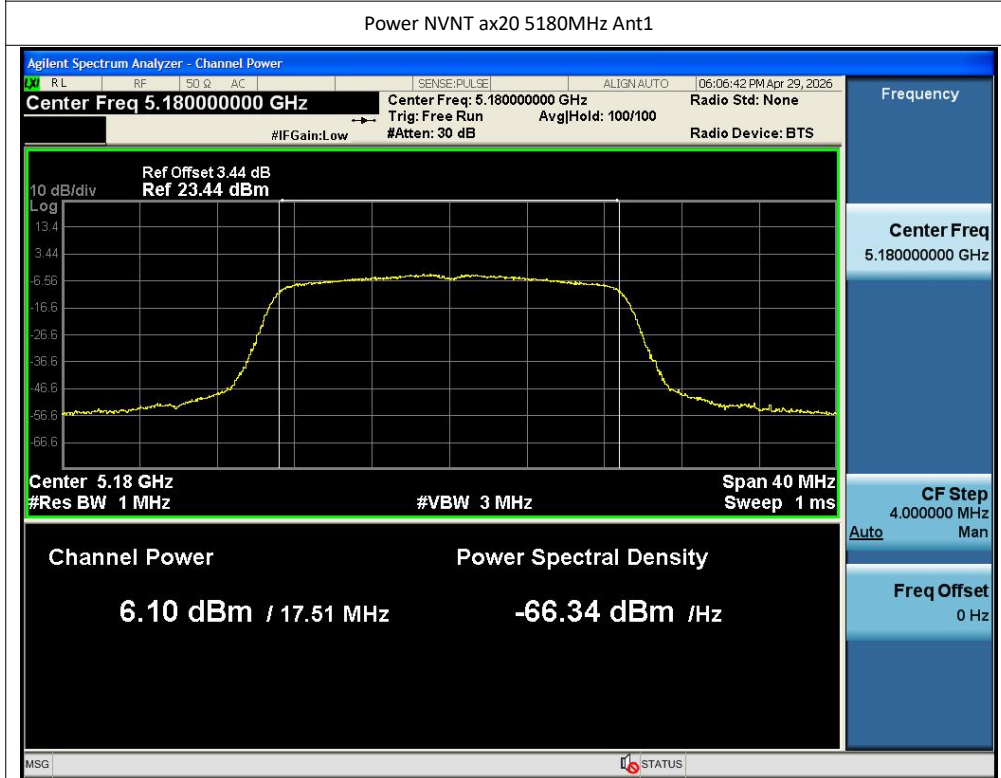
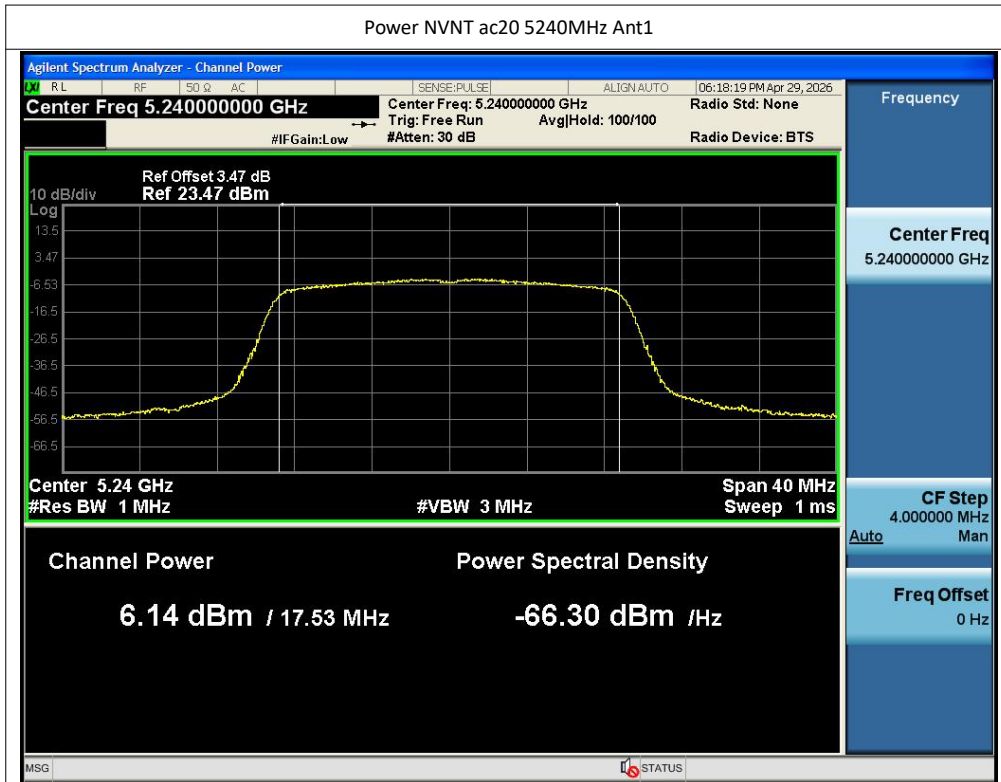
Power NVNT a 5200MHz Ant1

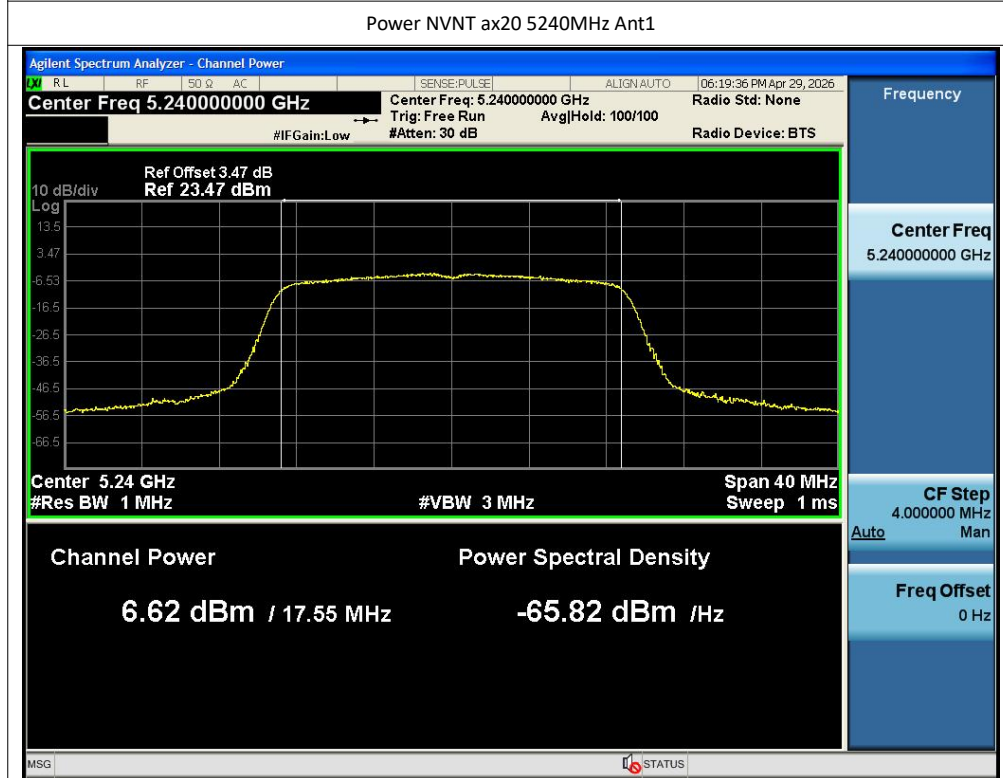
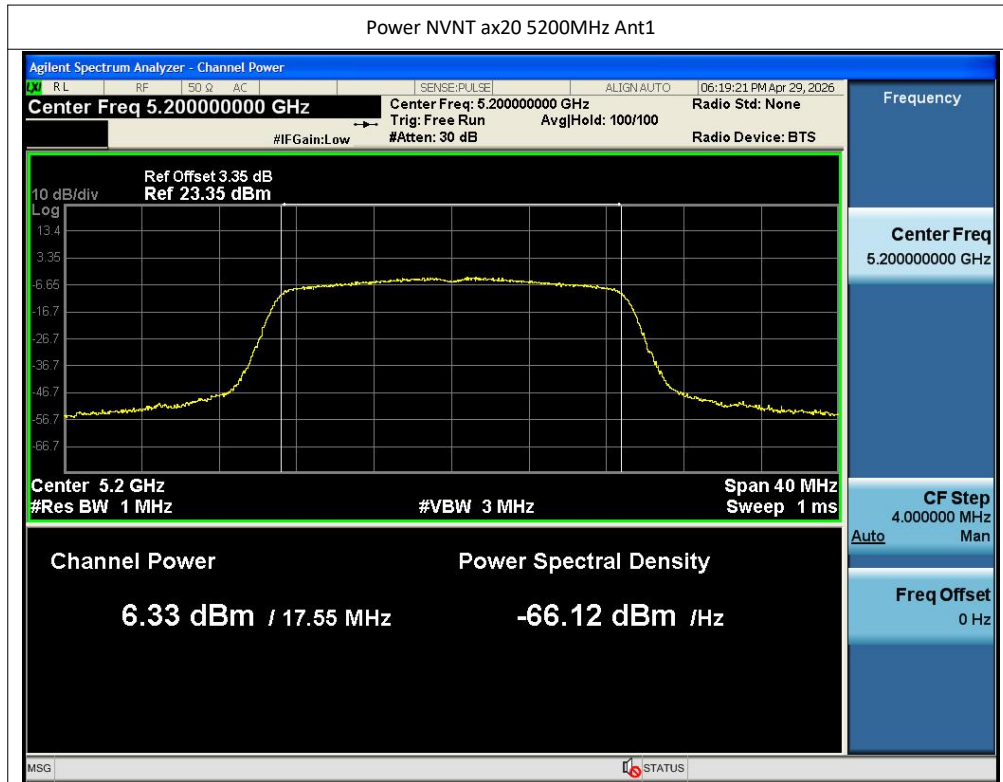










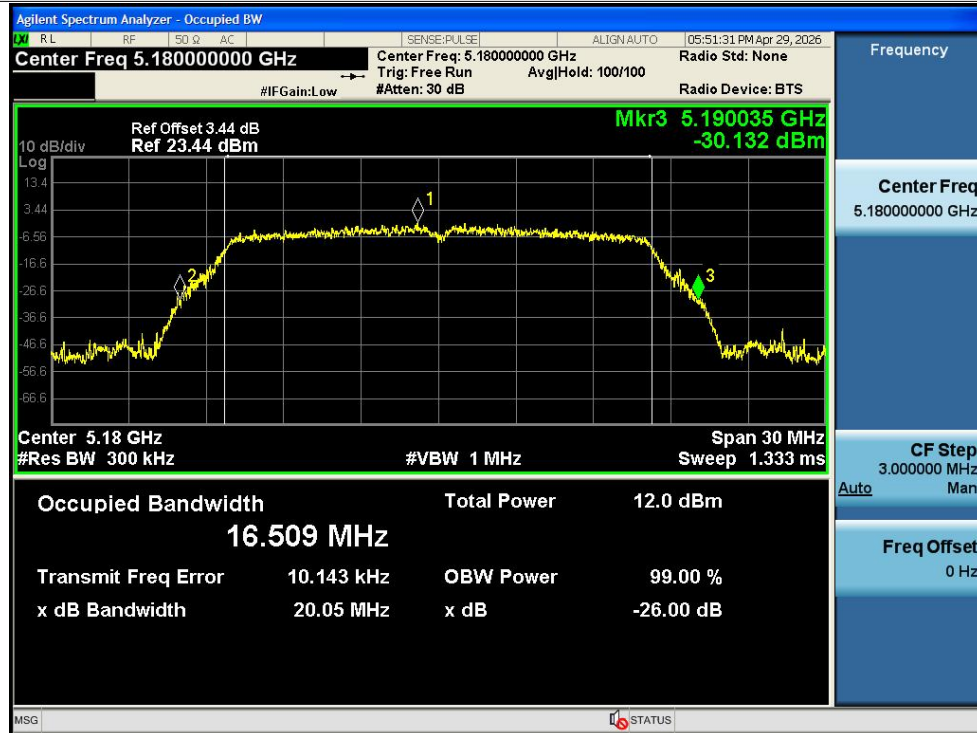


-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.05	0.5	Pass
NVNT	a	5200	Ant1	19.99	0.5	Pass
NVNT	a	5240	Ant1	20.08	0.5	Pass
NVNT	n20	5180	Ant1	20.43	0.5	Pass
NVNT	n20	5200	Ant1	20.18	0.5	Pass
NVNT	n20	5240	Ant1	20.06	0.5	Pass
NVNT	ac20	5180	Ant1	20.08	0.5	Pass
NVNT	ac20	5200	Ant1	20.26	0.5	Pass
NVNT	ac20	5240	Ant1	20.24	0.5	Pass
NVNT	ax20	5180	Ant1	20.26	0.5	Pass
NVNT	ax20	5200	Ant1	20.13	0.5	Pass
NVNT	ax20	5240	Ant1	20.35	0.5	Pass

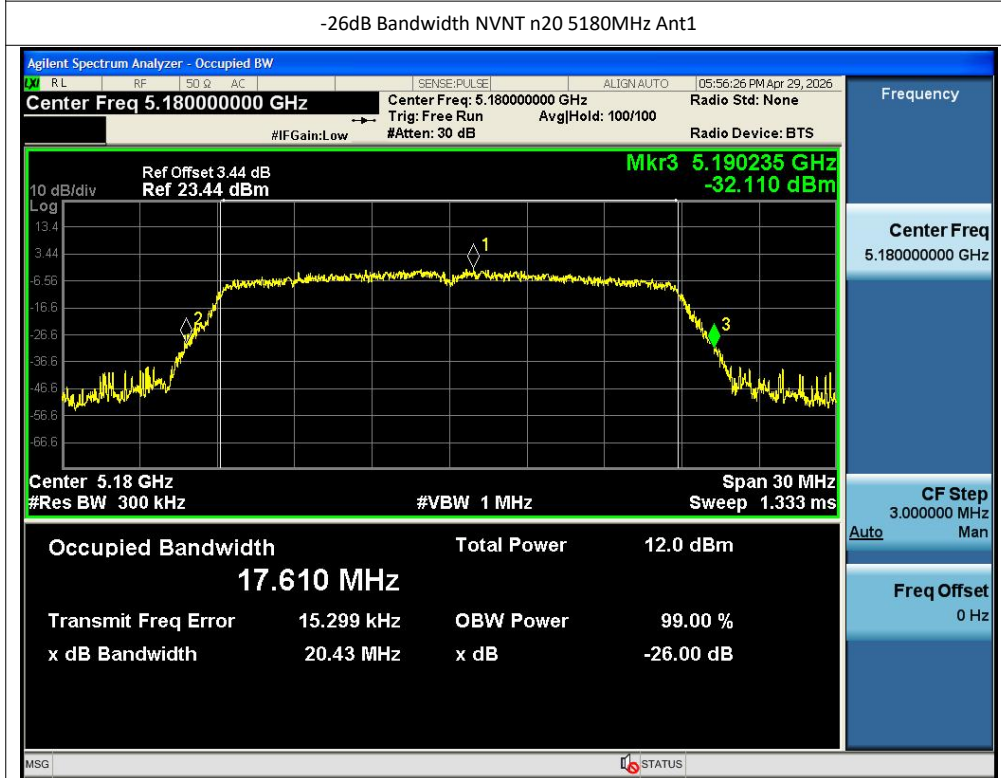
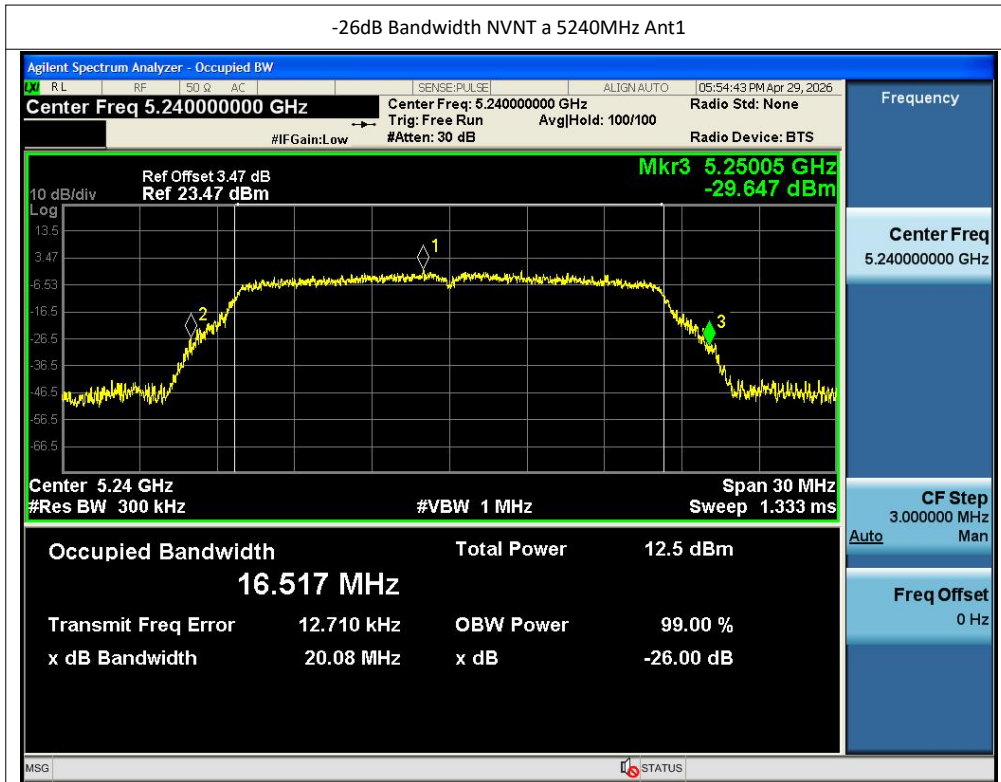
Test Graphs

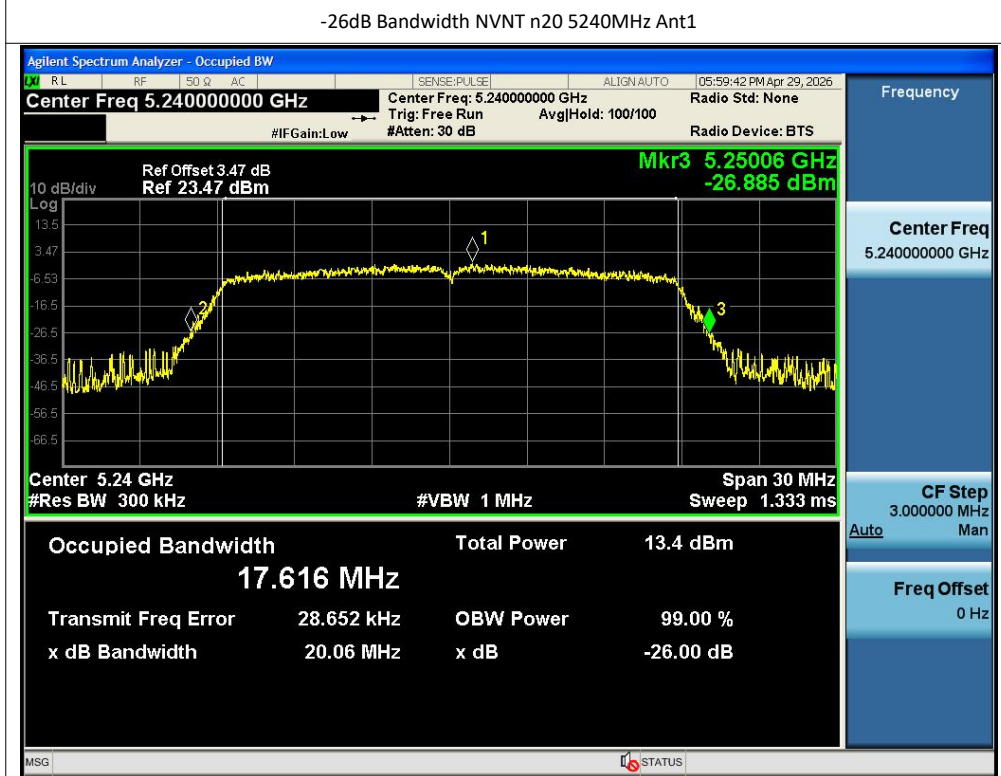
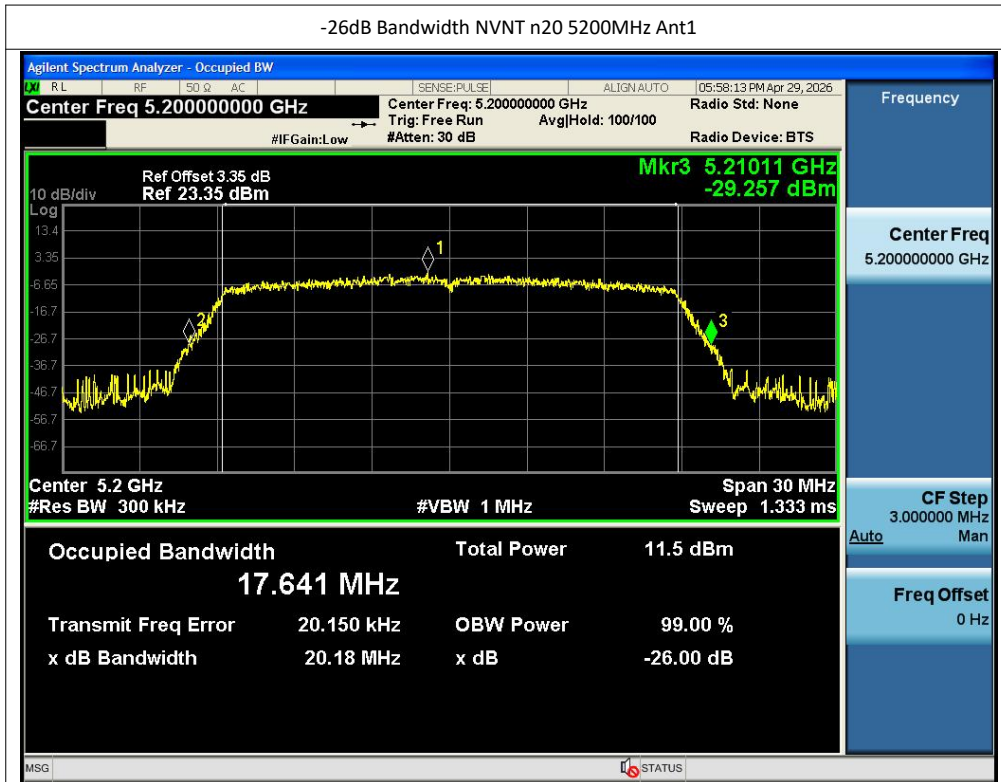
-26dB Bandwidth NVNT a 5180MHz Ant1

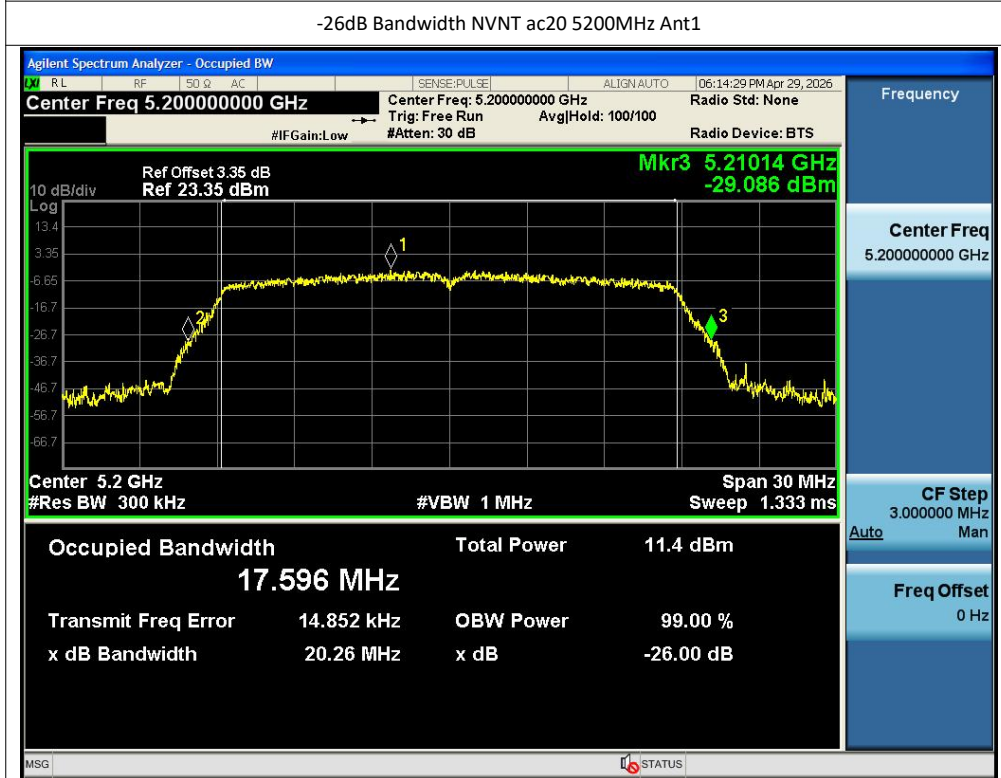
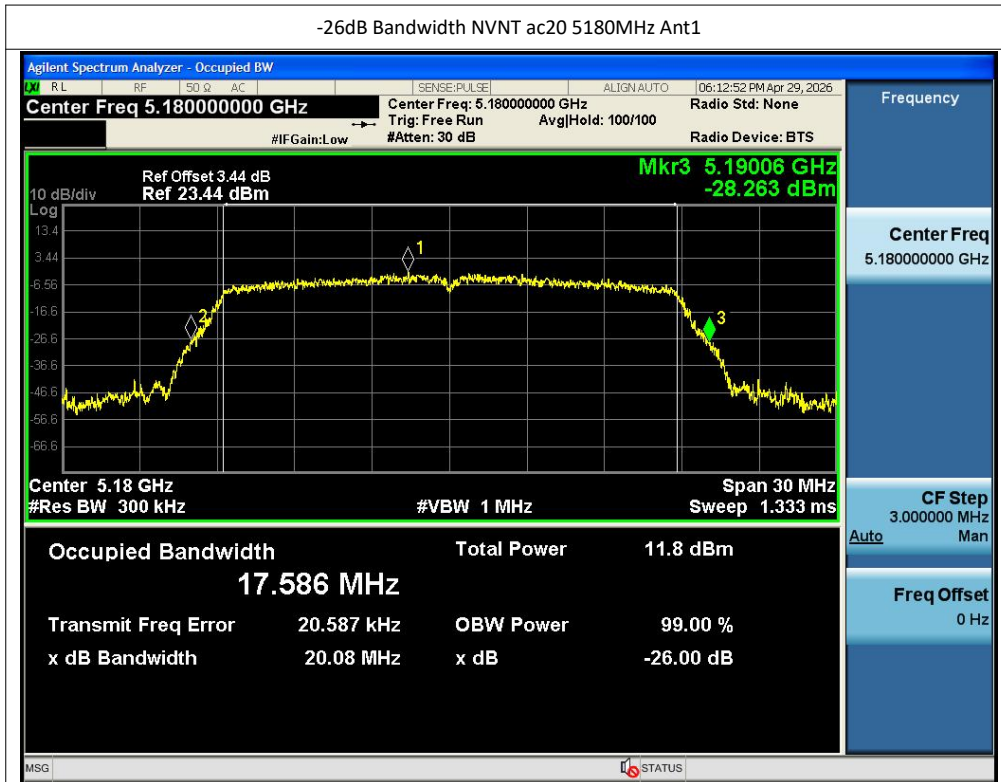


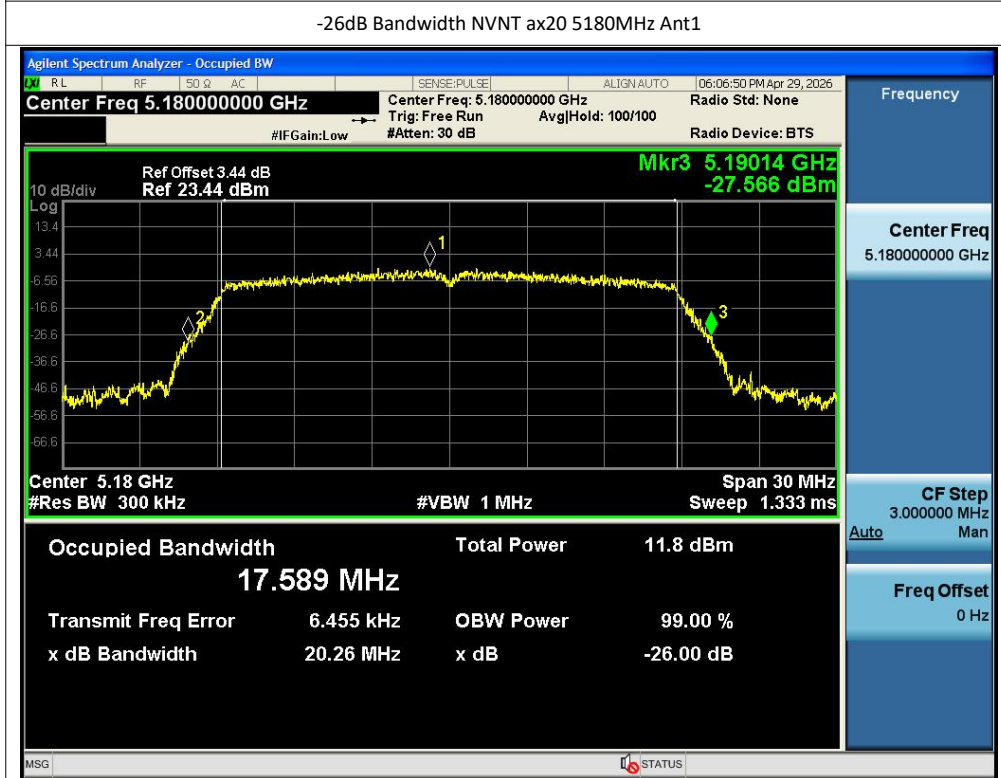
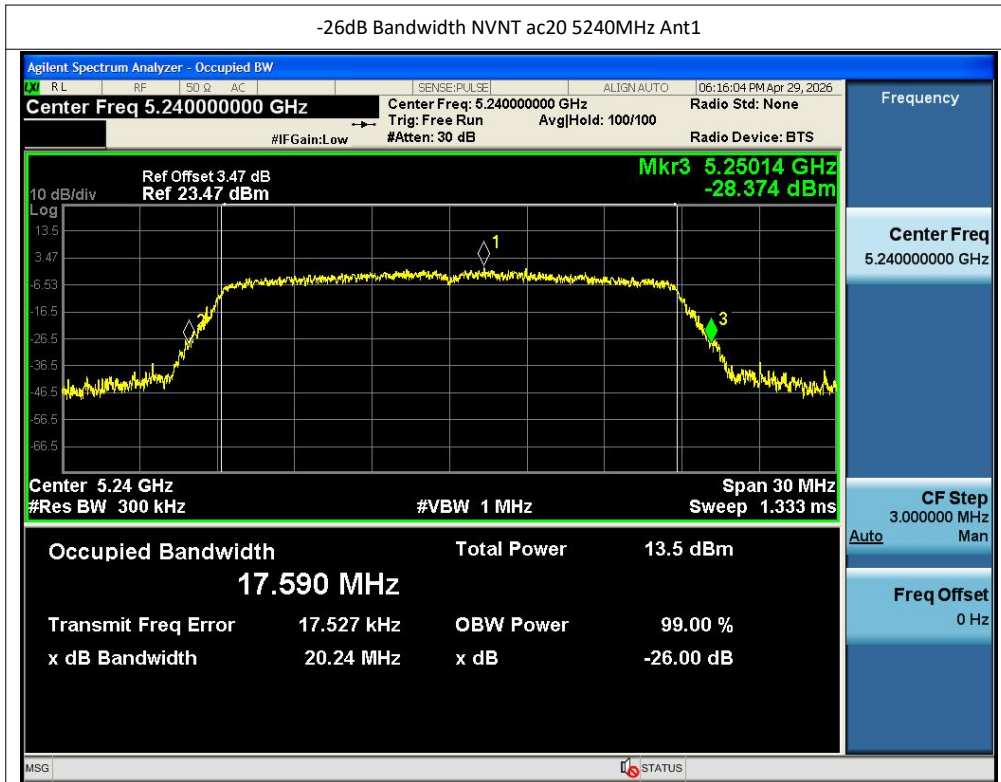
-26dB Bandwidth NVNT a 5200MHz Ant1

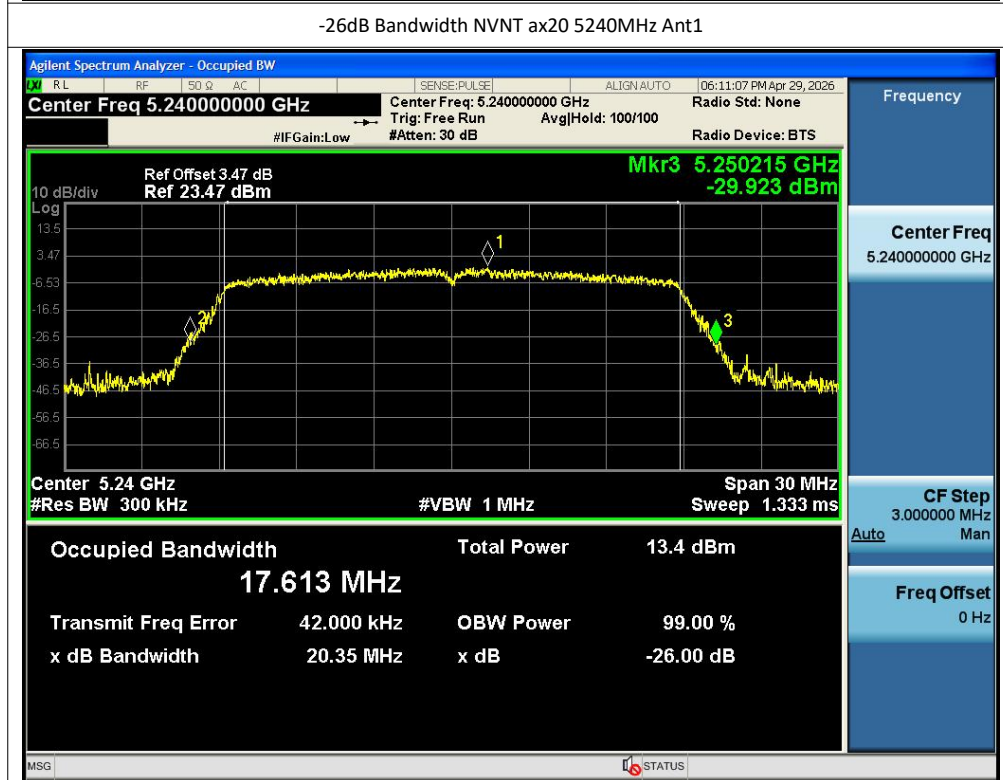
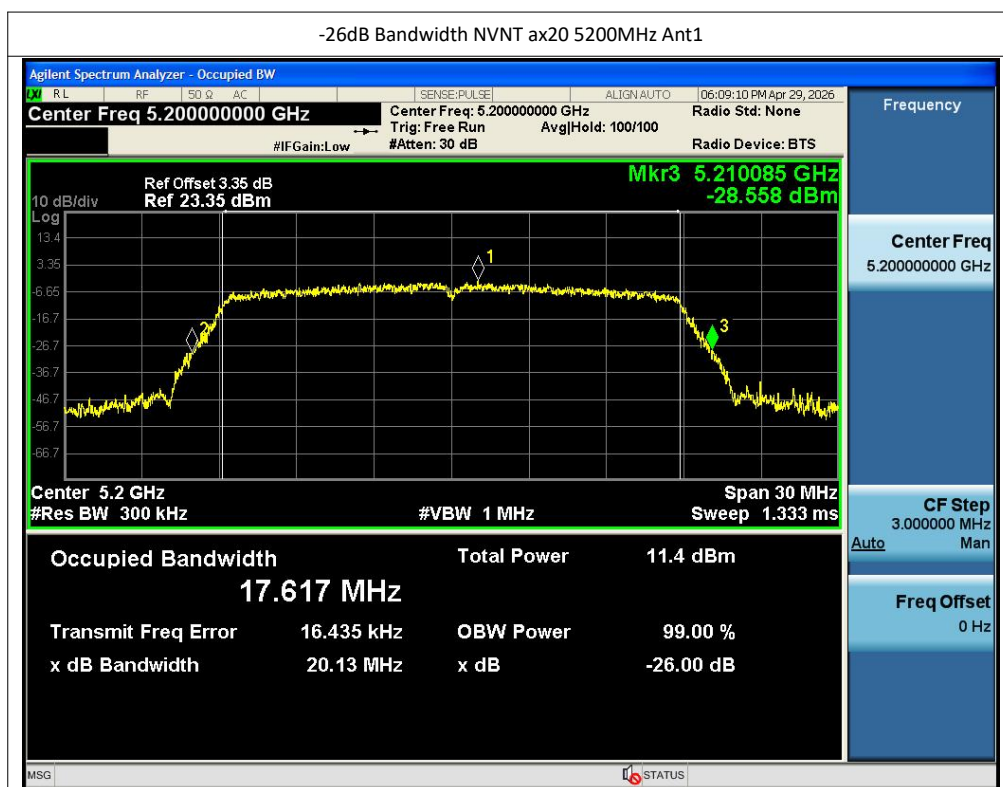












Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.373
NVNT	a	5200	Ant1	16.387
NVNT	a	5240	Ant1	16.387
NVNT	n20	5180	Ant1	17.527
NVNT	n20	5200	Ant1	17.546
NVNT	n20	5240	Ant1	17.54
NVNT	ac20	5180	Ant1	17.524
NVNT	ac20	5200	Ant1	17.539
NVNT	ac20	5240	Ant1	17.527
NVNT	ax20	5180	Ant1	17.513
NVNT	ax20	5200	Ant1	17.554
NVNT	ax20	5240	Ant1	17.545