

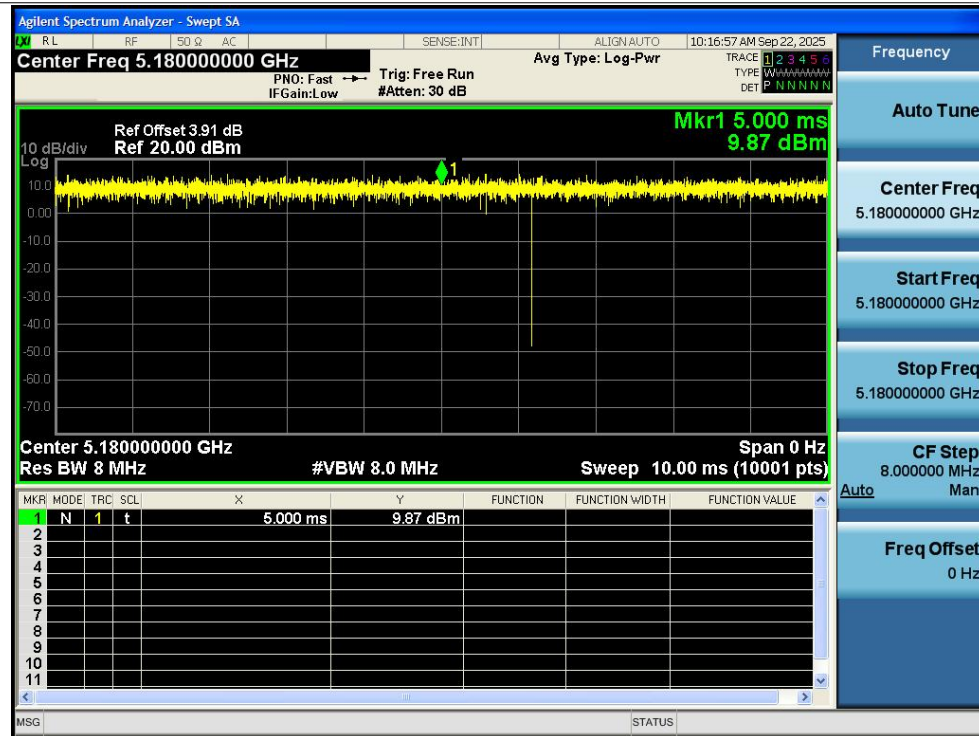
Appendix C 5G WIFI

Duty Cycle

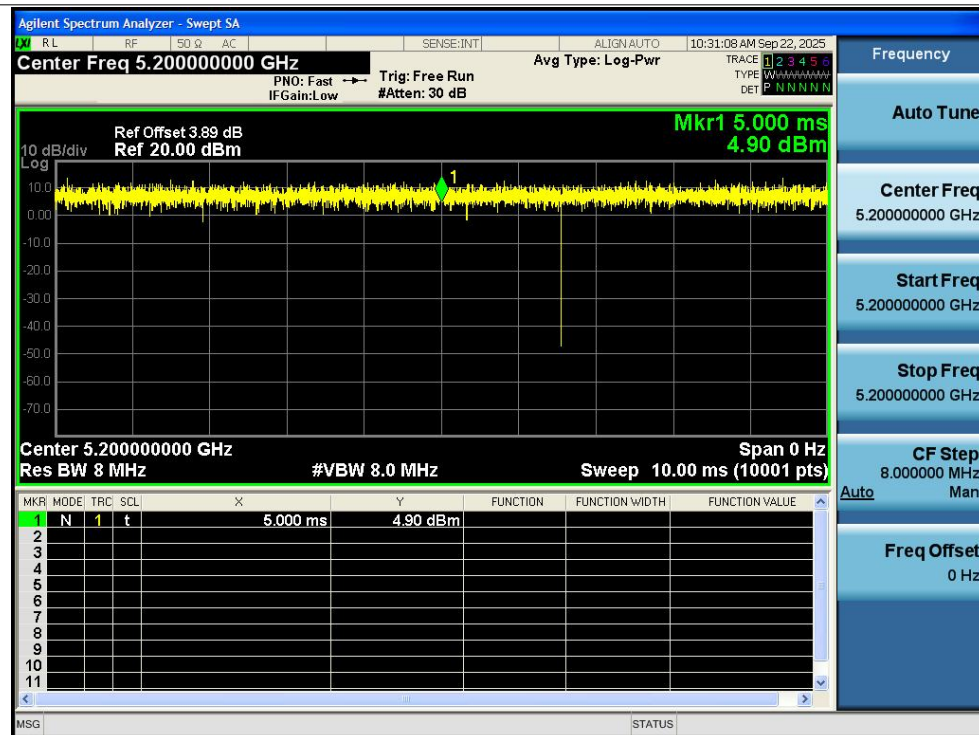
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	99.94	0	0
NVNT	a	5200	Ant1	99.93	0	0
NVNT	a	5240	Ant1	99.93	0	0
NVNT	n20	5180	Ant1	99.31	0.03	0.87
NVNT	n20	5200	Ant1	99.22	0.03	0.87
NVNT	n20	5240	Ant1	99.22	0.03	0.87
NVNT	n40	5190	Ant1	98.28	0.08	1.75
NVNT	n40	5230	Ant1	98.28	0.08	1.75
NVNT	ac20	5180	Ant1	97.33	0.12	0.76
NVNT	ac20	5200	Ant1	97.4	0.11	0.76
NVNT	ac20	5240	Ant1	97.33	0.12	0.76
NVNT	ac40	5190	Ant1	94.91	0.23	1.53
NVNT	ac40	5230	Ant1	94.91	0.23	1.53

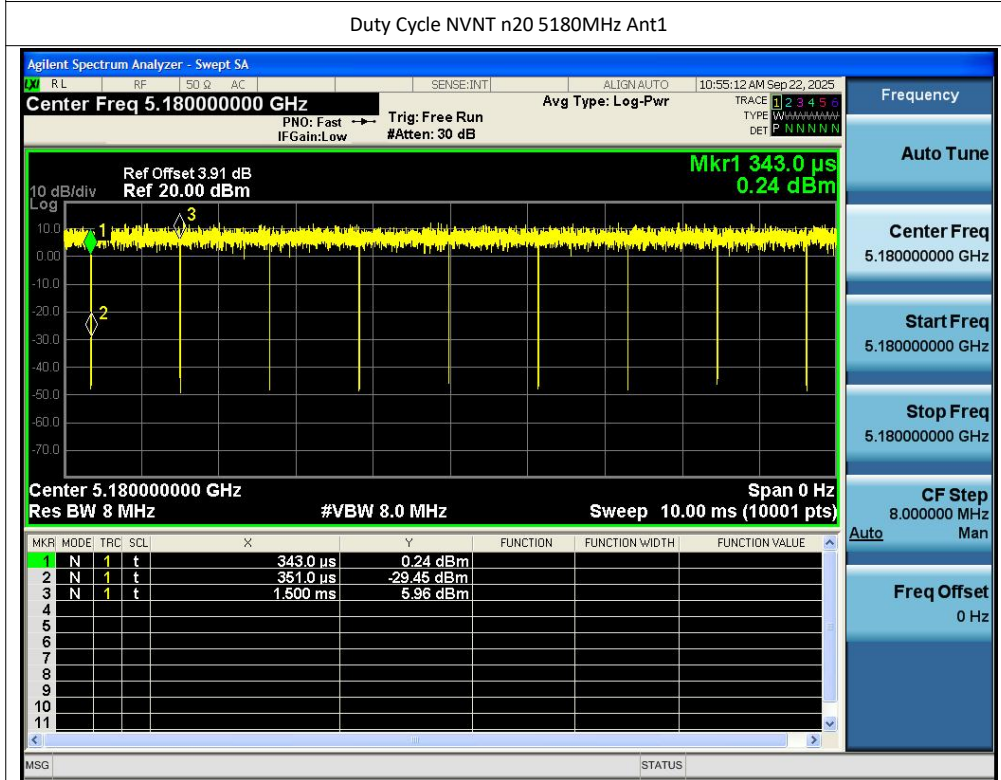
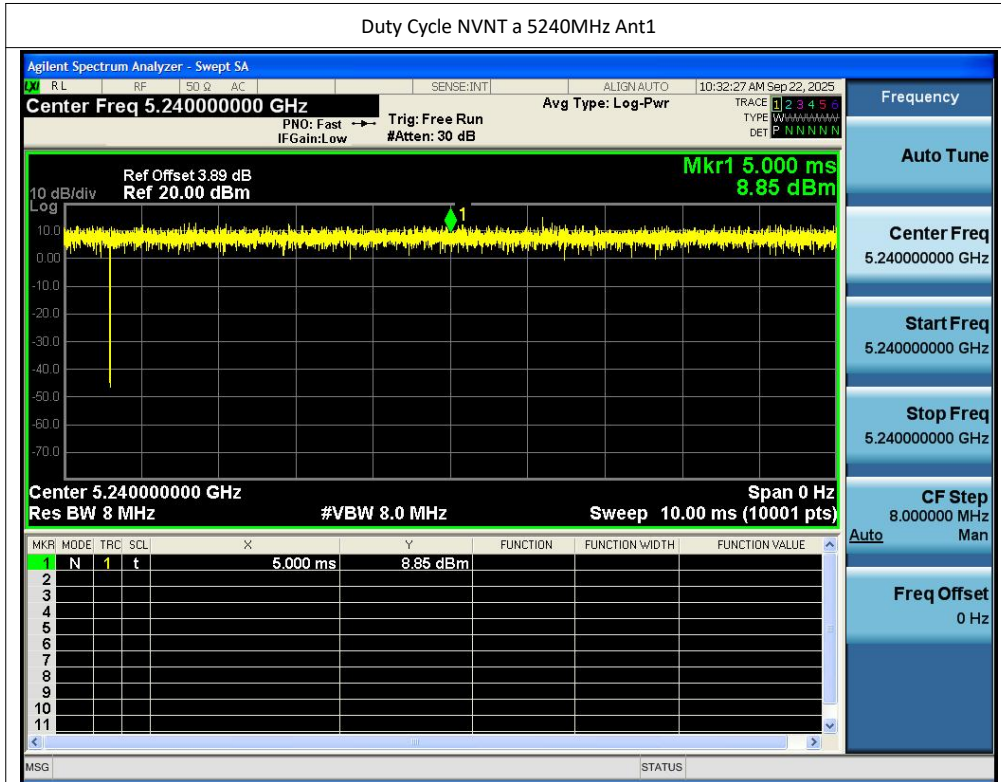
Test Graphs

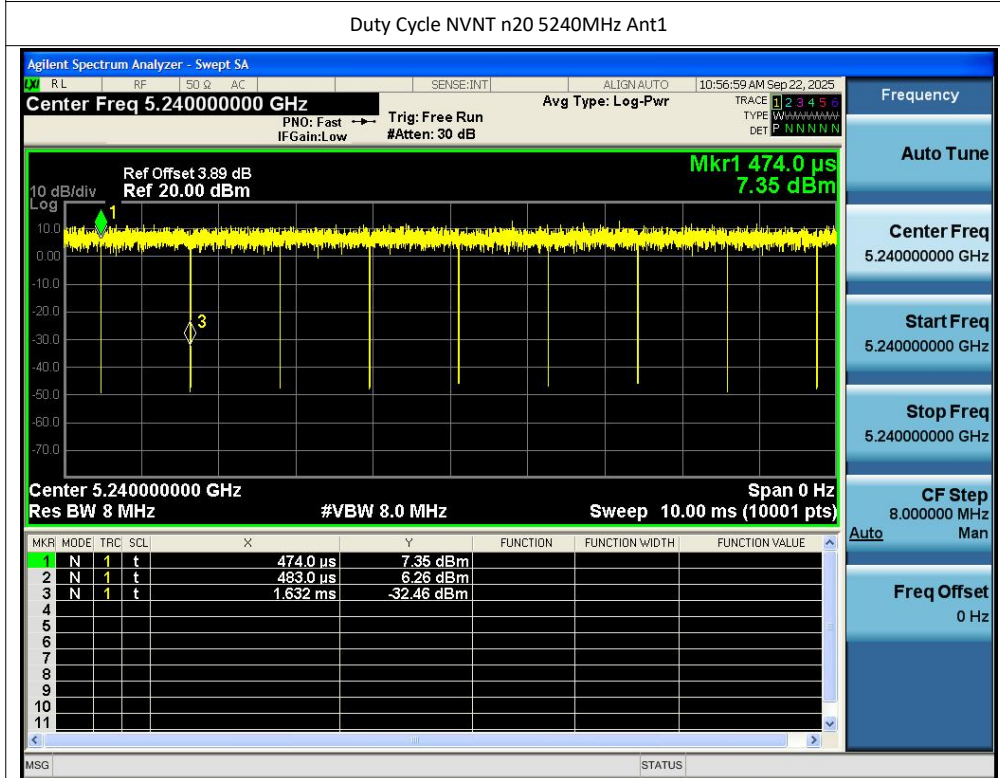
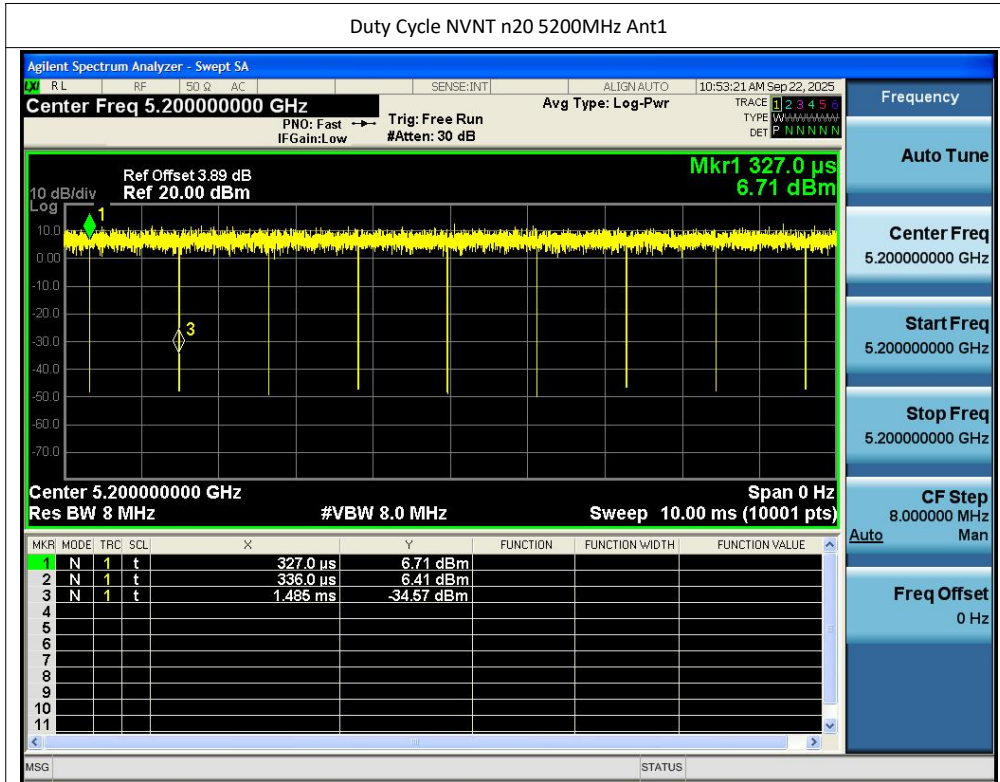
Duty Cycle NVNT a 5180MHz Ant1



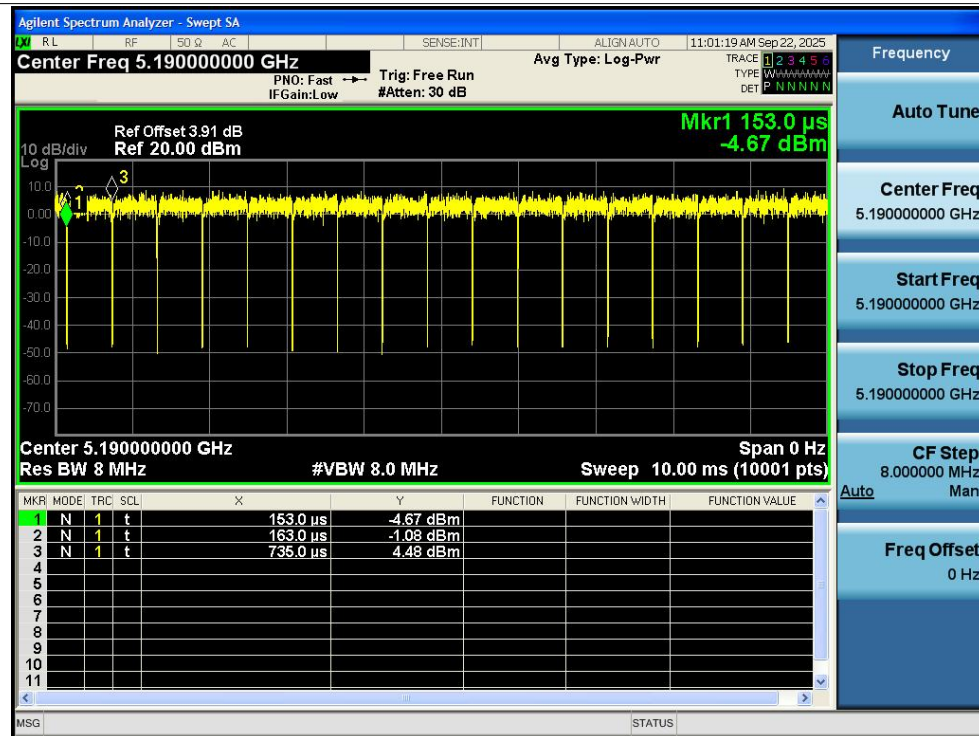
Duty Cycle NVNT a 5200MHz Ant1



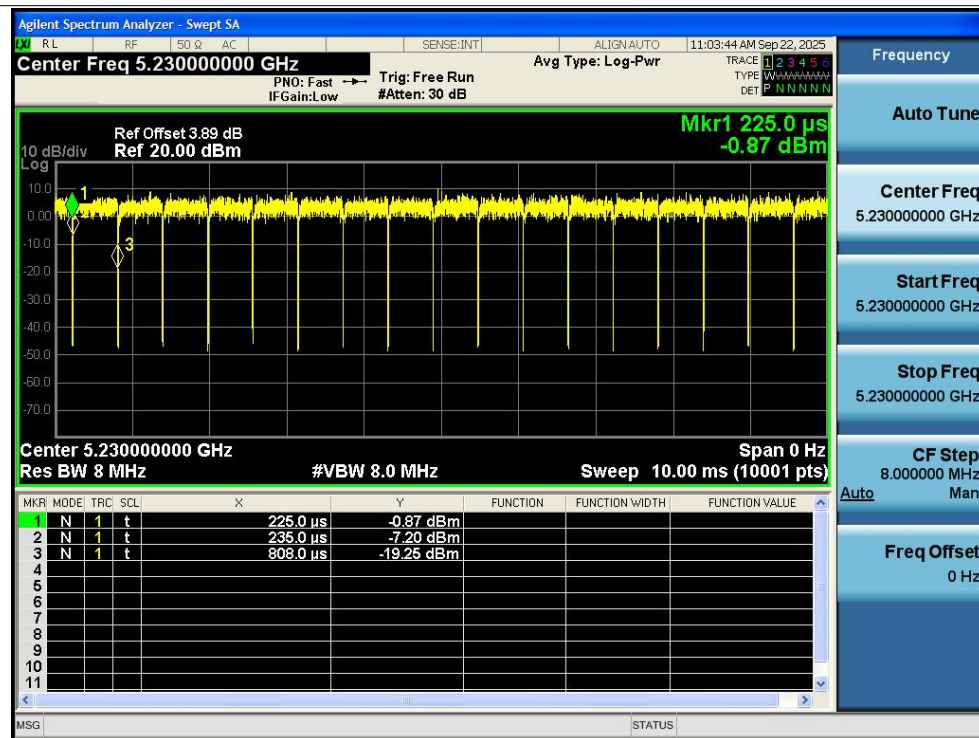




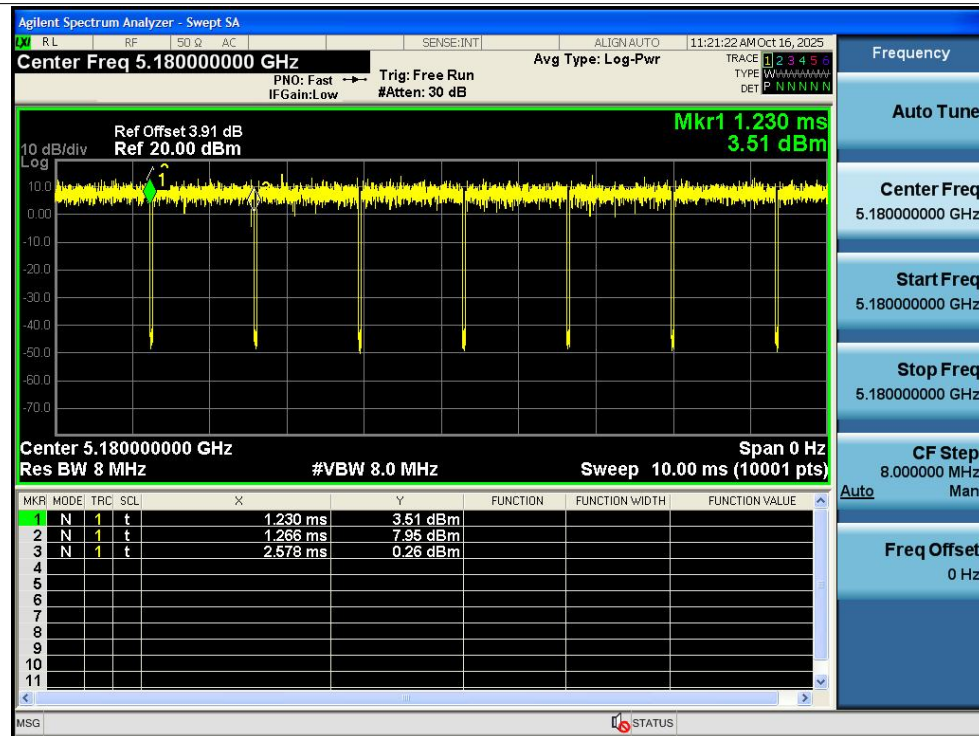
Duty Cycle NVNT n40 5190MHz Ant1



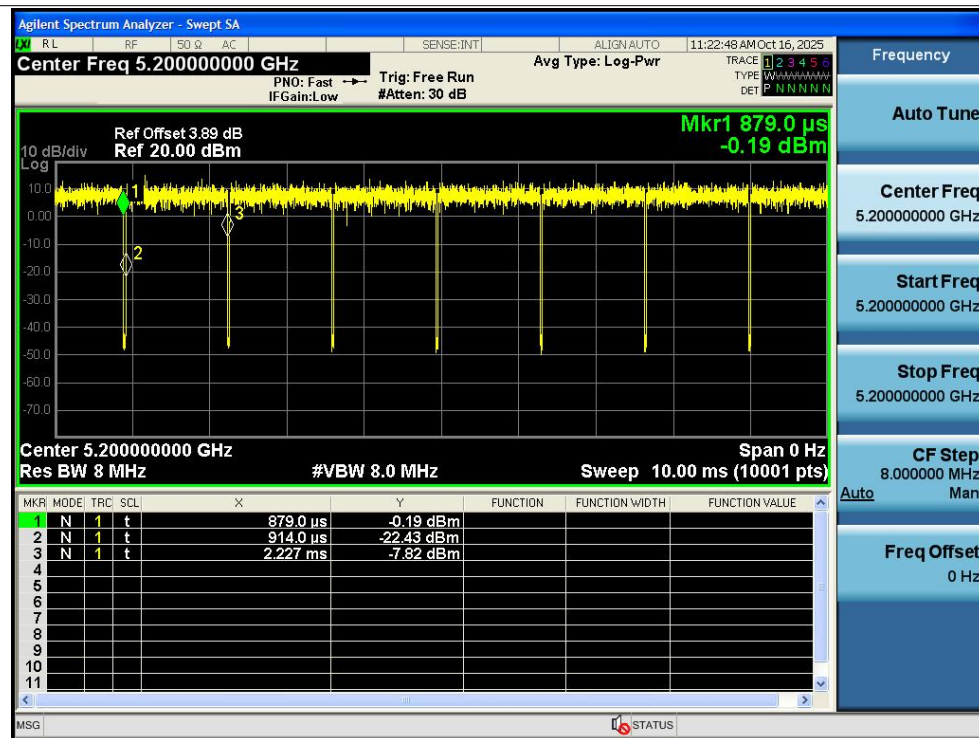
Duty Cycle NVNT n40 5230MHz Ant1



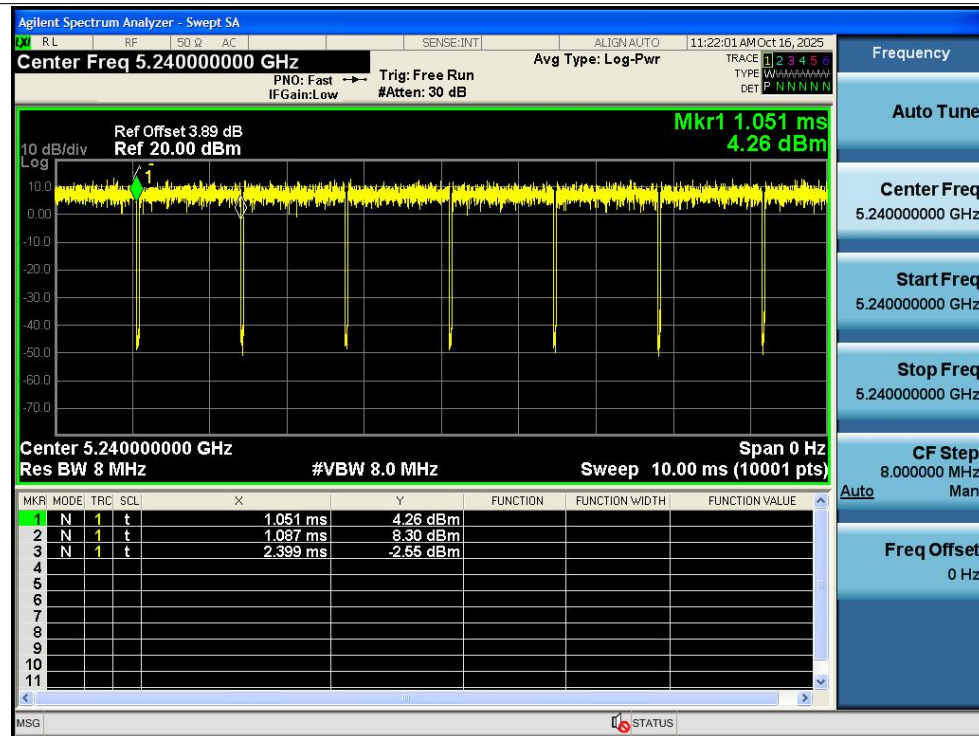
Duty Cycle NVNT ac20 5180MHz Ant1



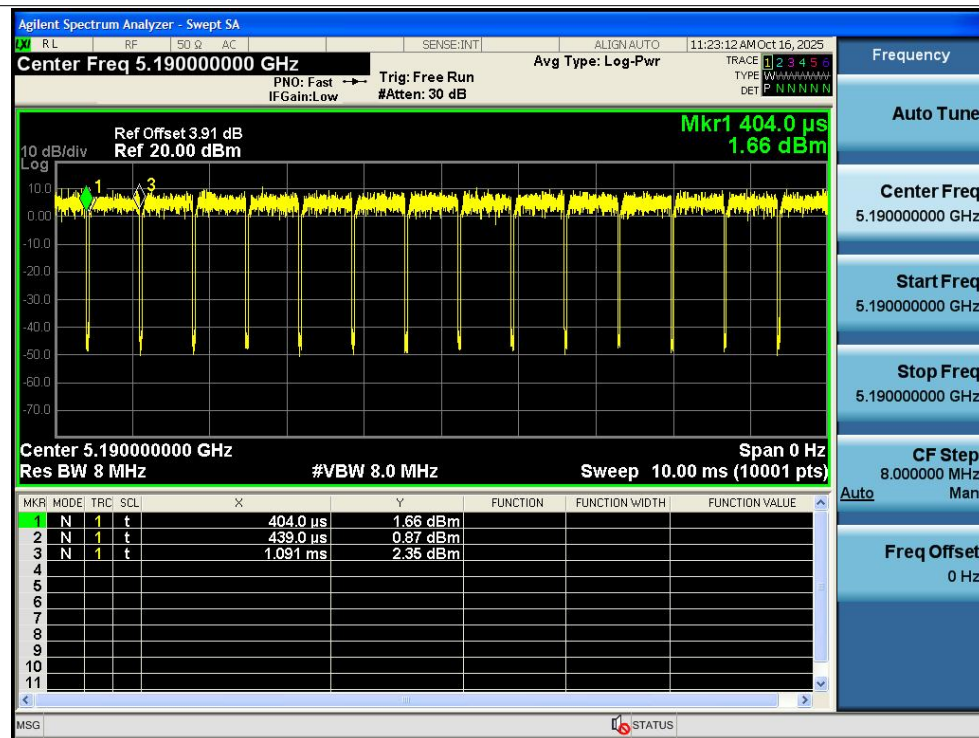
Duty Cycle NVNT ac20 5200MHz Ant1

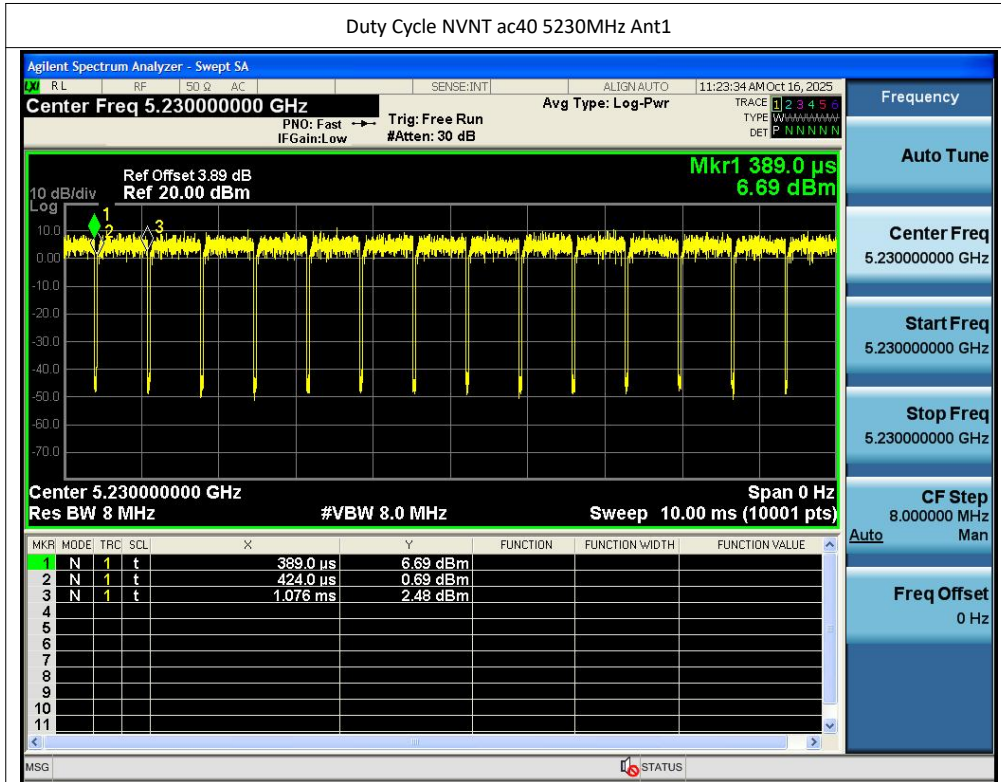


Duty Cycle NVNT ac20 5240MHz Ant1



Duty Cycle NVNT ac40 5190MHz Ant1



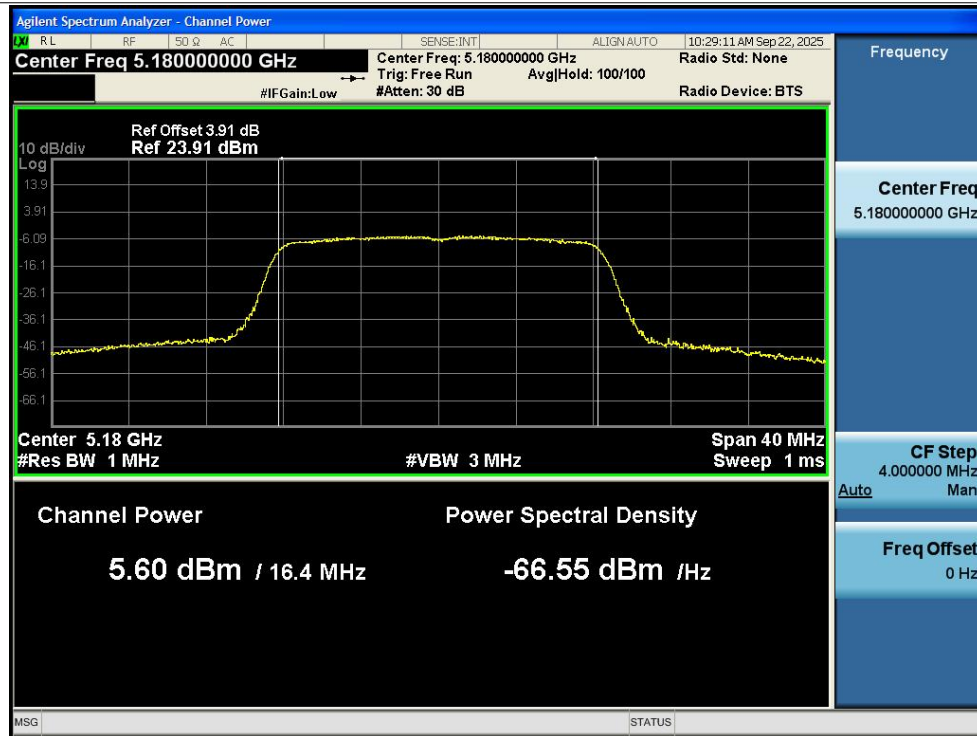


Maximum Conducted Output Power

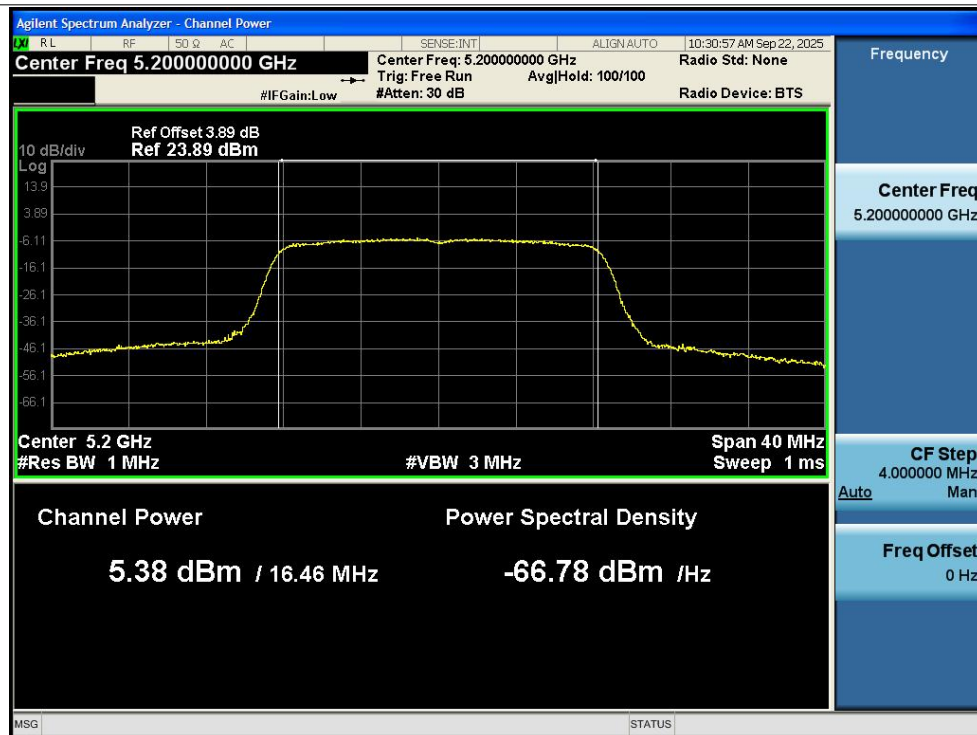
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	5.6	0	5.6	24	Pass
NVNT	a	5200	Ant1	5.38	0	5.38	24	Pass
NVNT	a	5240	Ant1	5.68	0	5.68	24	Pass
NVNT	n20	5180	Ant1	5.4	0.03	5.43	24	Pass
NVNT	n20	5200	Ant1	5.32	0.03	5.35	24	Pass
NVNT	n20	5240	Ant1	5.31	0.03	5.34	24	Pass
NVNT	n40	5190	Ant1	5.44	0.08	5.52	24	Pass
NVNT	n40	5230	Ant1	5.36	0.08	5.44	24	Pass
NVNT	ac20	5180	Ant1	5.8	0.12	5.92	24	Pass
NVNT	ac20	5200	Ant1	5.79	0.11	5.9	24	Pass
NVNT	ac20	5240	Ant1	5.59	0.12	5.71	24	Pass
NVNT	ac40	5190	Ant1	5.77	0.23	6	24	Pass
NVNT	ac40	5230	Ant1	5.67	0.23	5.9	24	Pass

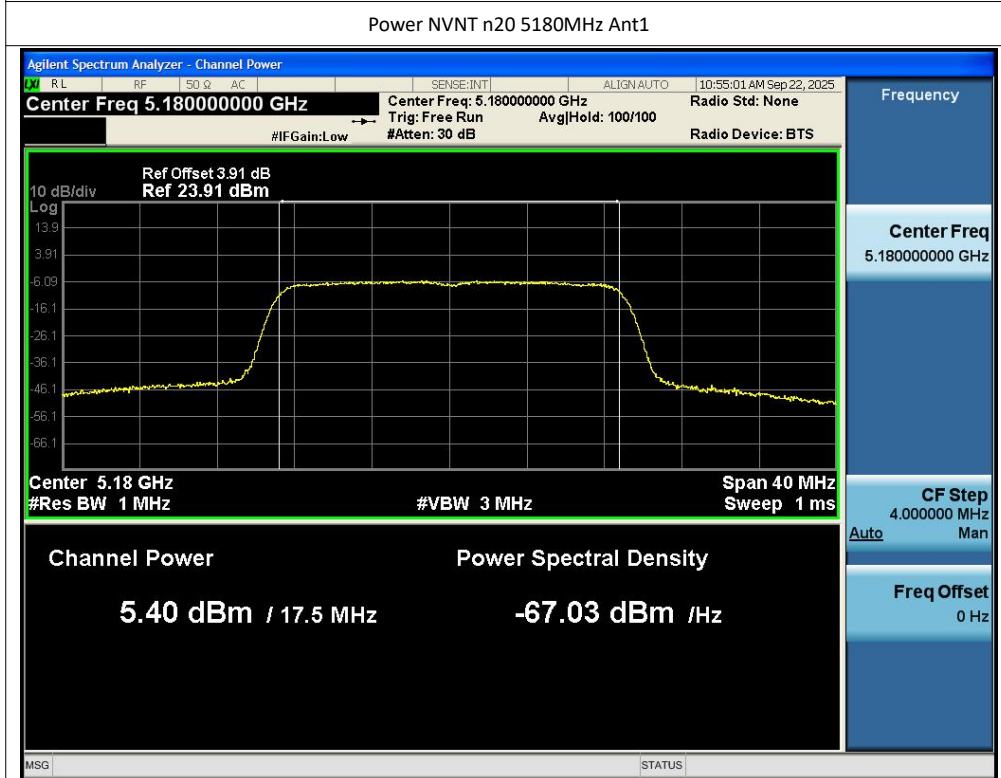
Test Graphs

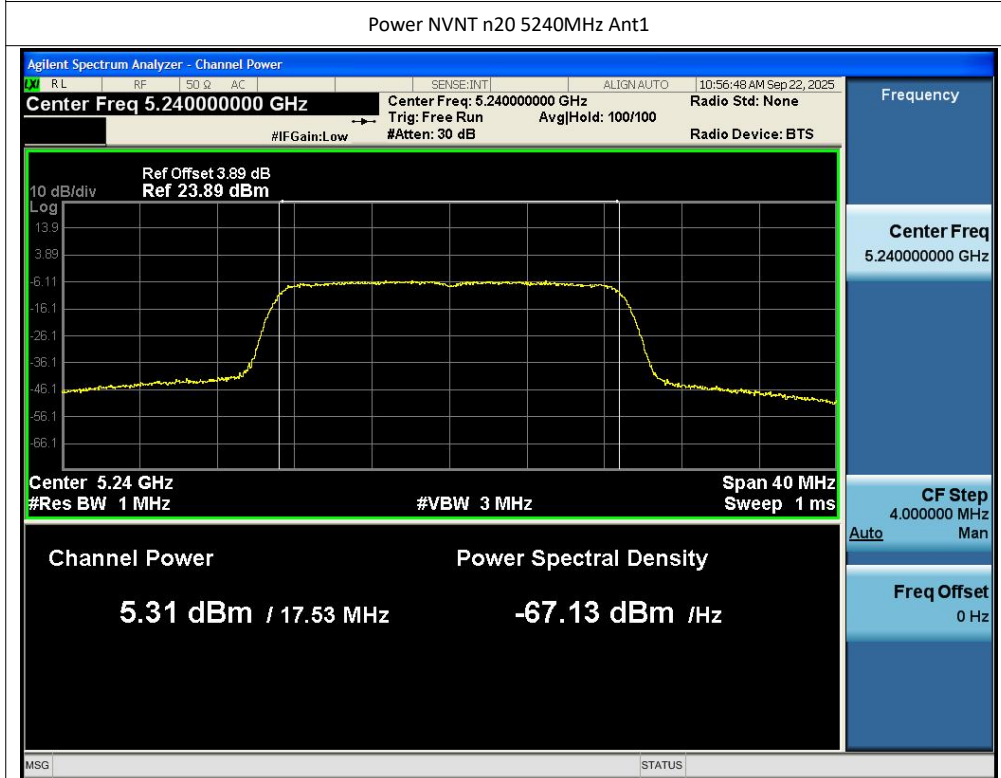
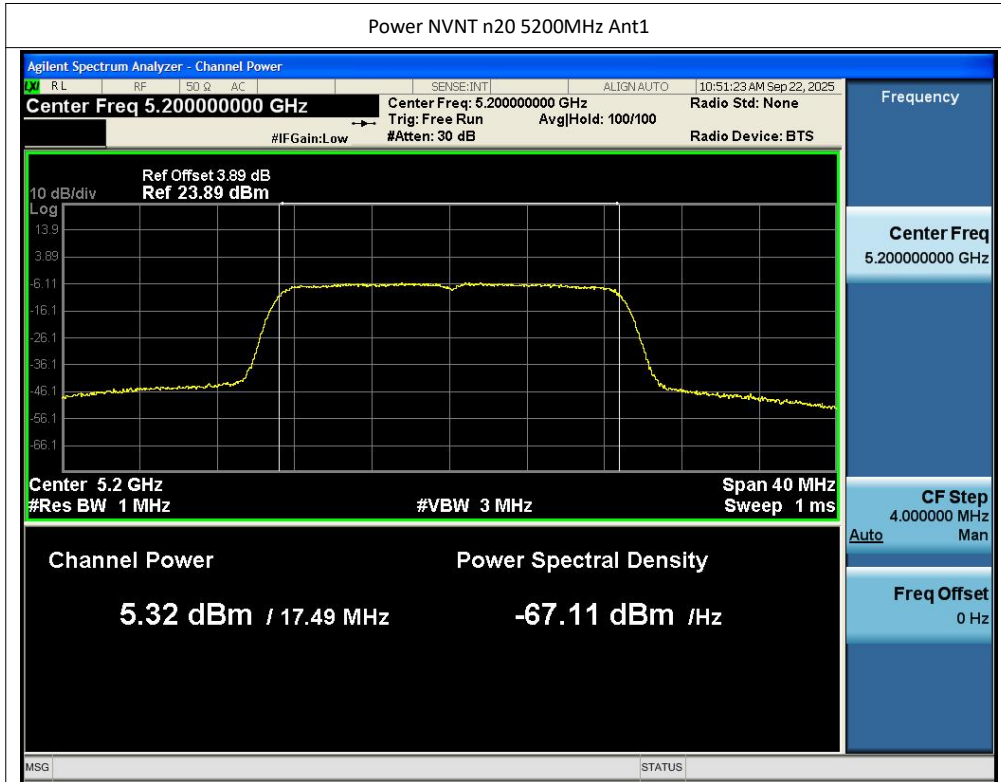
Power NVNT a 5180MHz Ant1

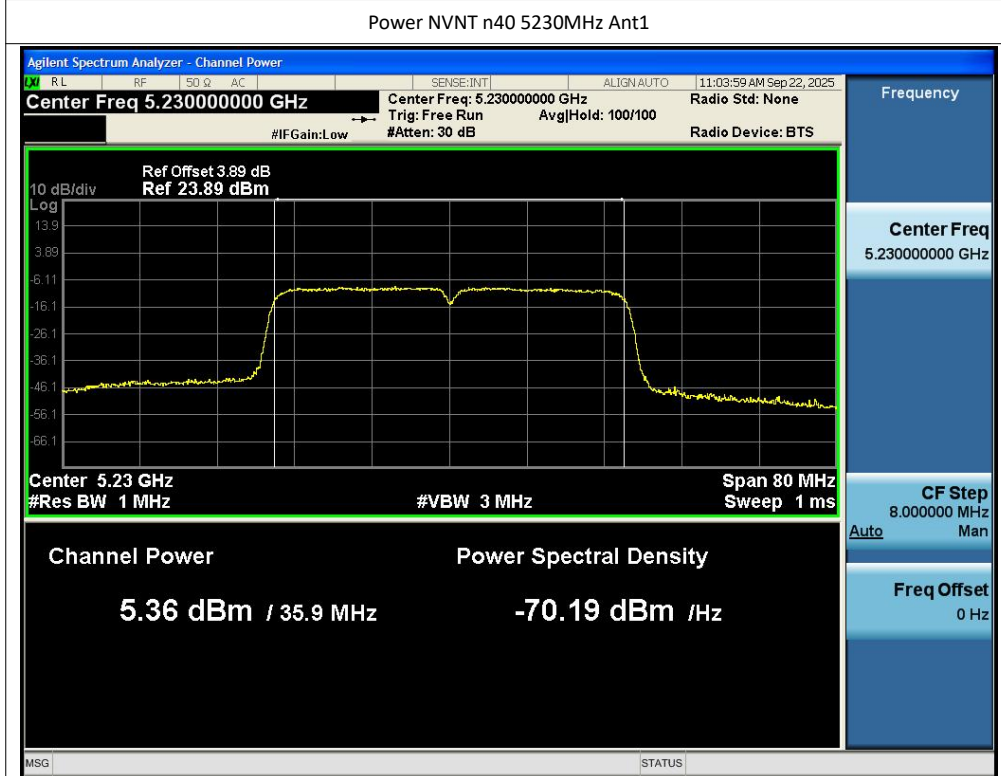
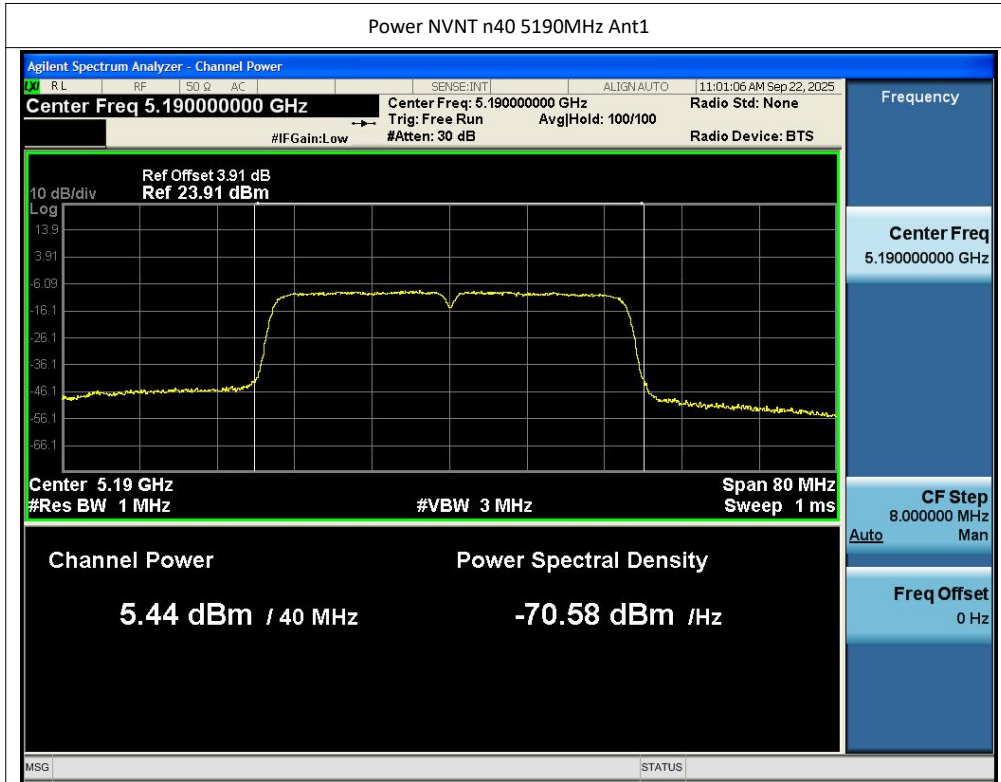


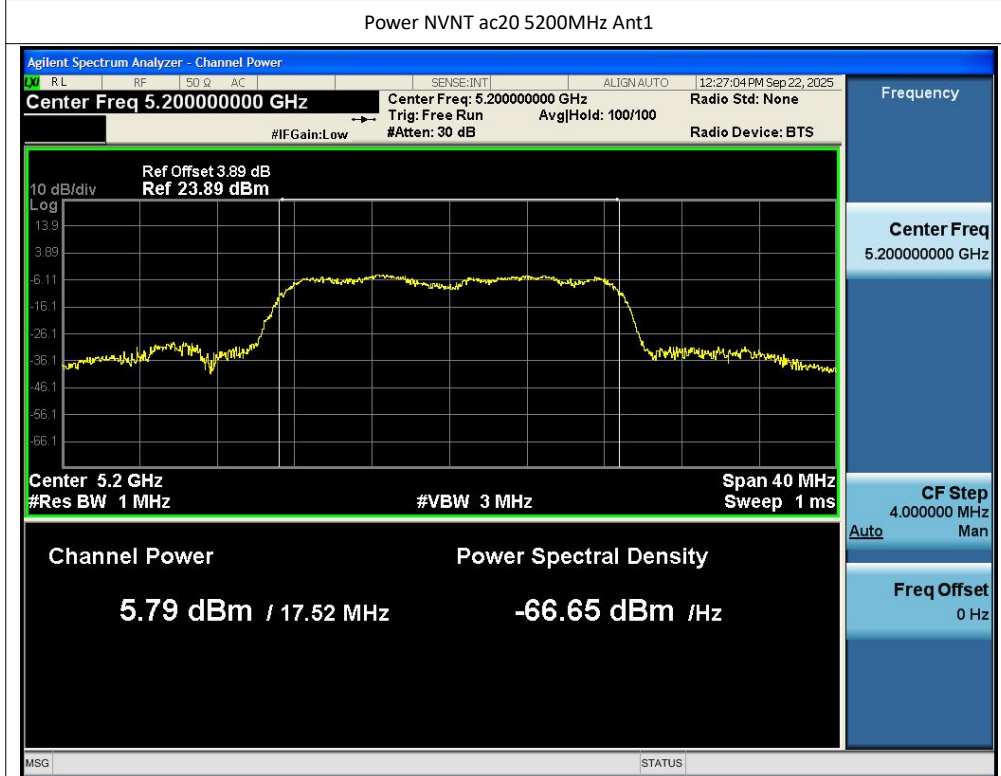
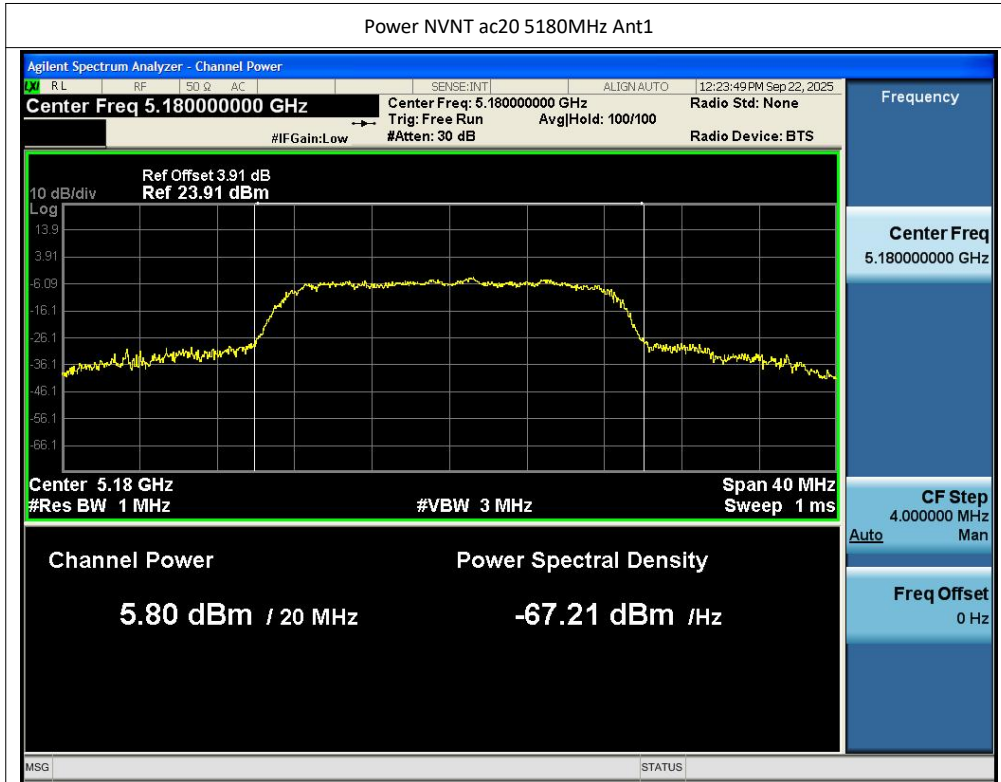
Power NVNT a 5200MHz Ant1

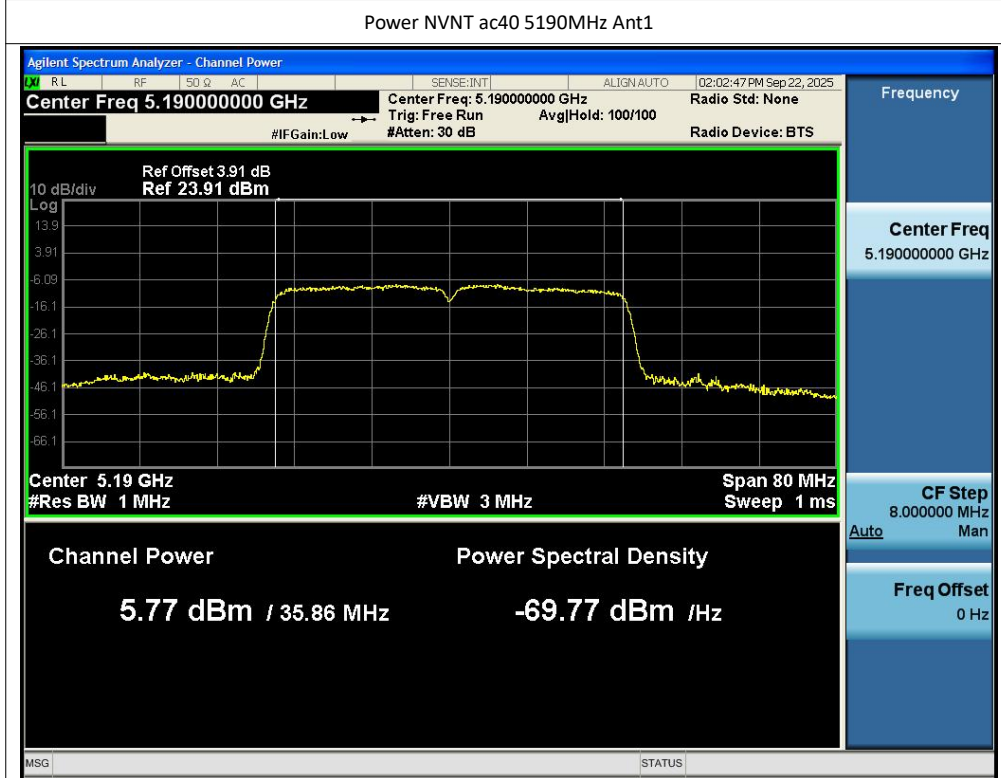
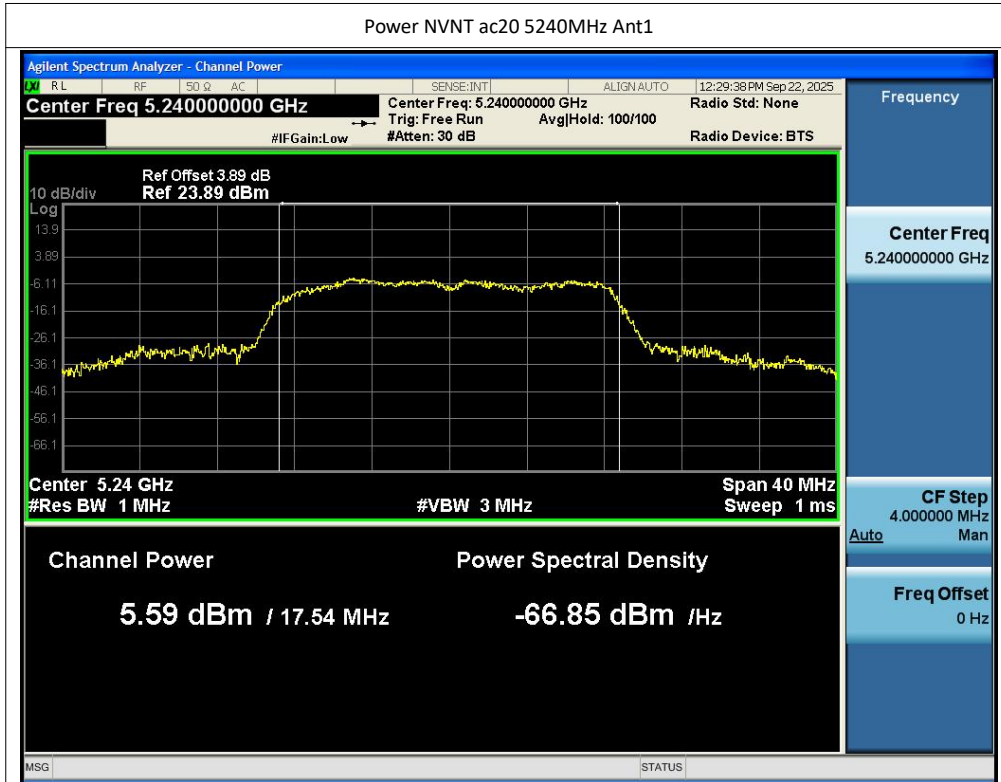


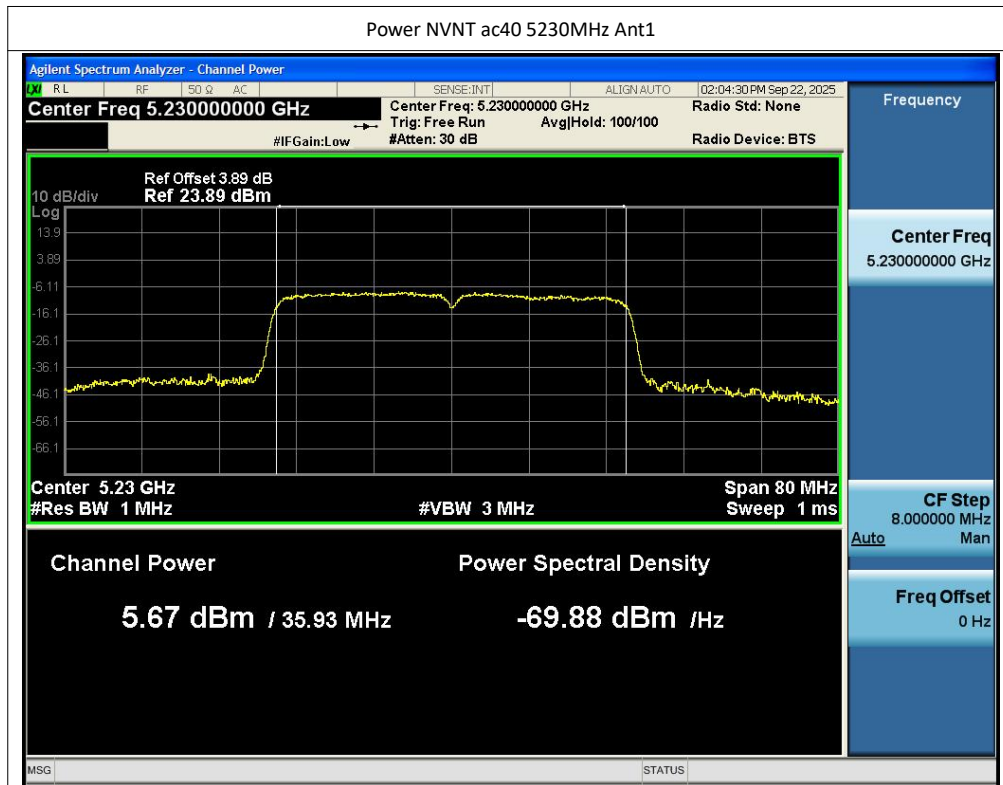












-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	18.36	0.5	Pass
NVNT	a	5200	Ant1	19.2	0.5	Pass
NVNT	a	5240	Ant1	19.08	0.5	Pass
NVNT	n20	5180	Ant1	19.33	0.5	Pass
NVNT	n20	5200	Ant1	19.35	0.5	Pass
NVNT	n20	5240	Ant1	19.45	0.5	Pass
NVNT	n40	5190	Ant1	37.97	0.5	Pass
NVNT	n40	5230	Ant1	38.3	0.5	Pass
NVNT	ac20	5180	Ant1	29.61	0.5	Pass
NVNT	ac20	5200	Ant1	28.4	0.5	Pass
NVNT	ac20	5240	Ant1	29.47	0.5	Pass
NVNT	ac40	5190	Ant1	38.08	0.5	Pass
NVNT	ac40	5230	Ant1	38.43	0.5	Pass

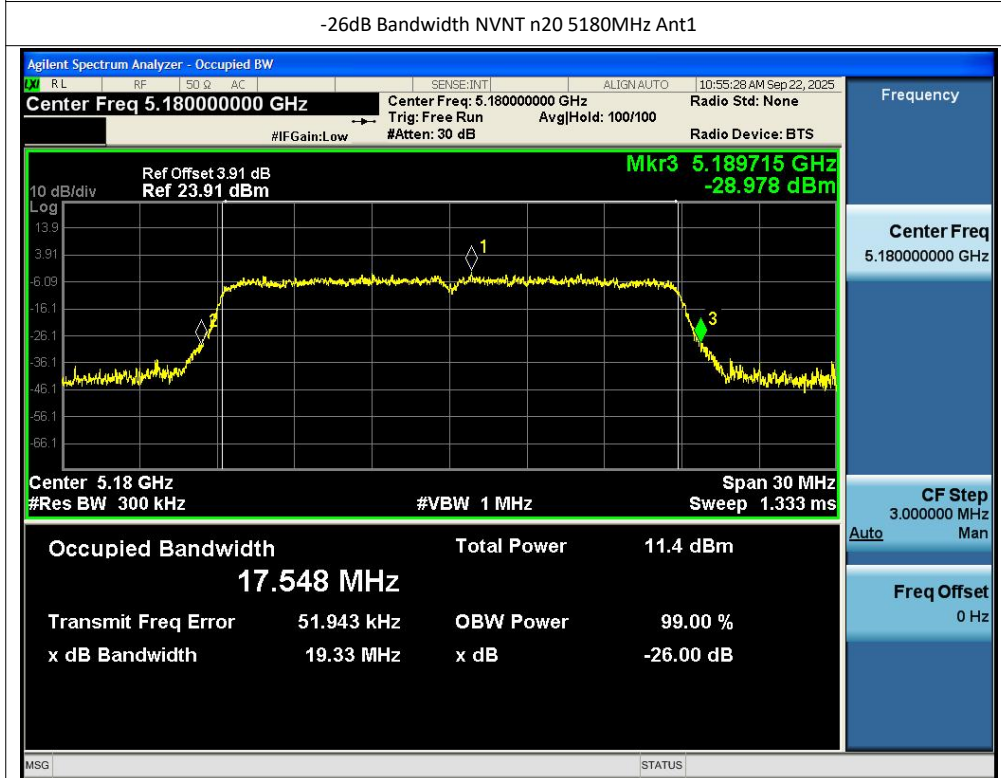
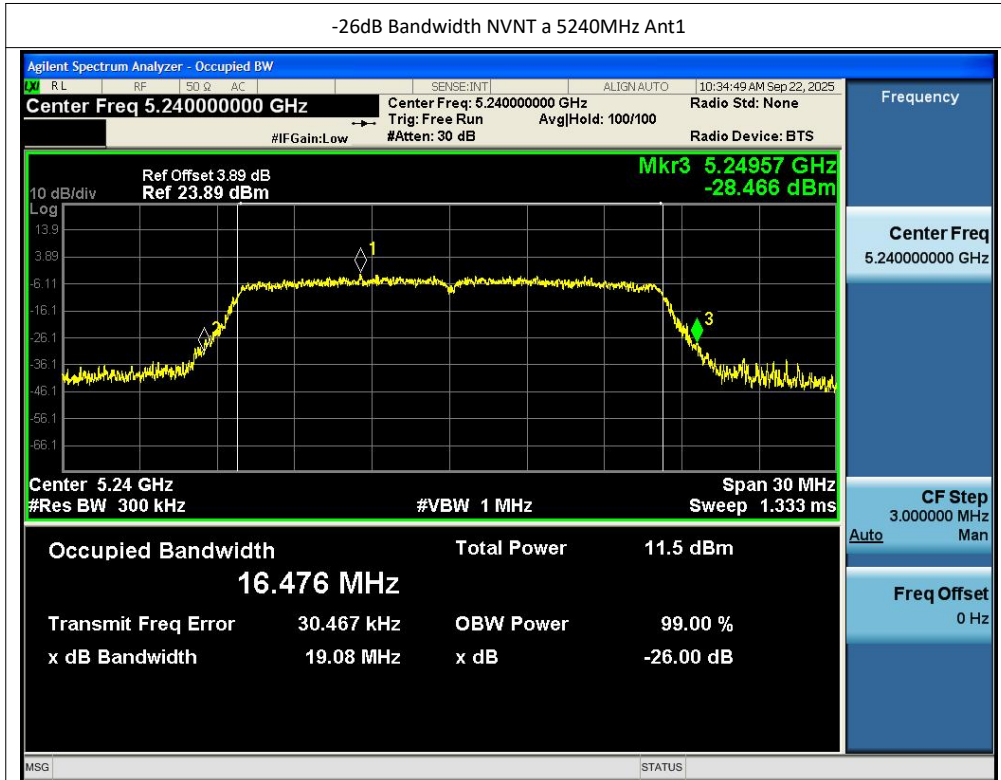
Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1

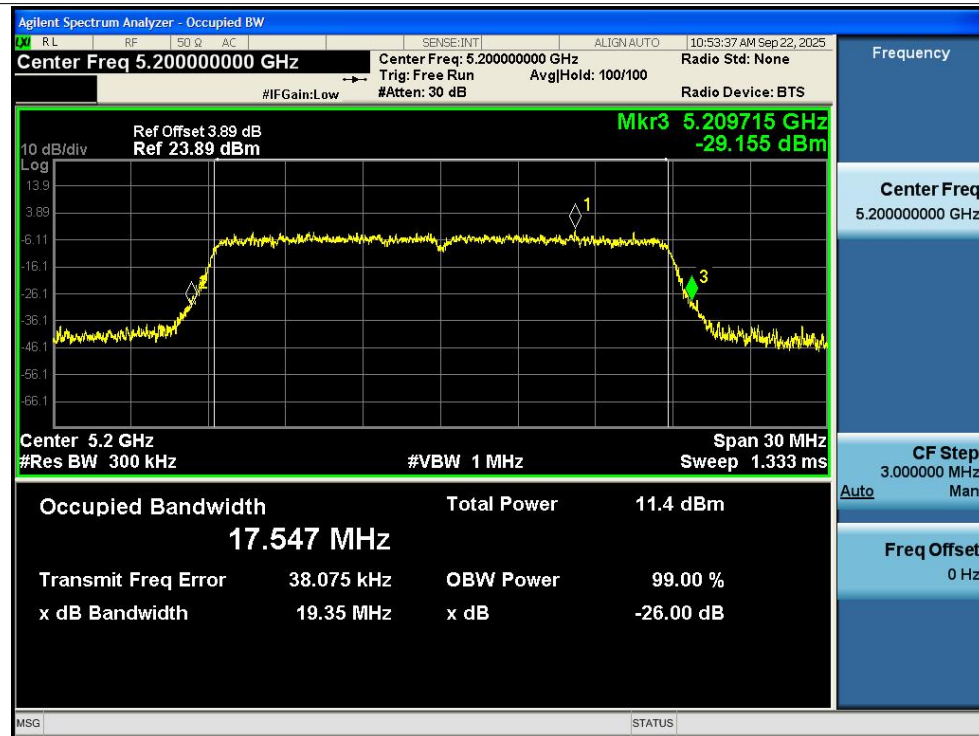


-26dB Bandwidth NVNT a 5200MHz Ant1

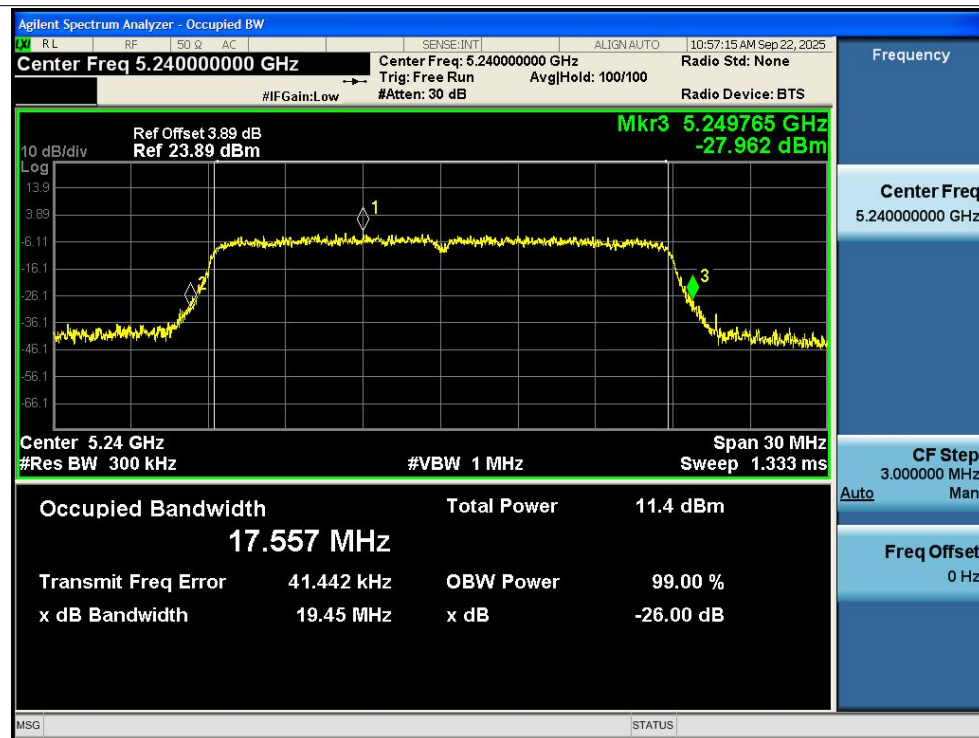




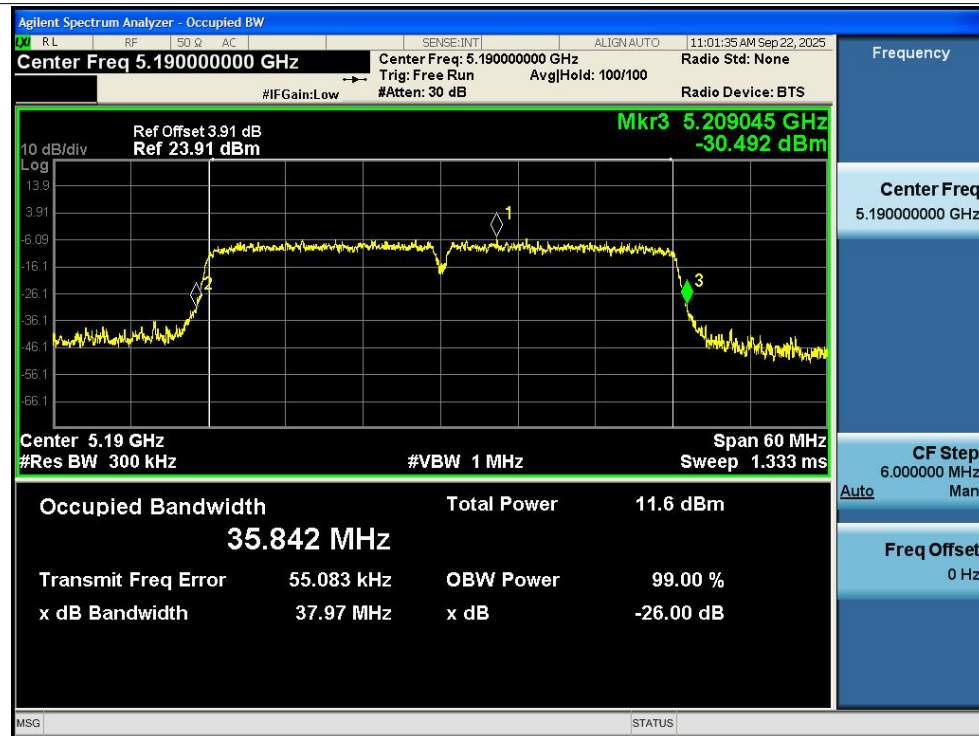
-26dB Bandwidth NVNT n20 5200MHz Ant1



-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1

