

Test mode:		802.11ac(VHT40)	Frequency(MHz):	5795
Temperature (°C)	Voltage(V _{DC})	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.3V	5795.08	80000	PASS
35		5795.04	40000	PASS
25		5795.04	40000	PASS
15		5795.08	80000	PASS
5		5795.08	80000	PASS
0		5795.08	80000	PASS
20	3V	5795.08	80000	PASS
	3.3V	5795.08	80000	PASS
	3.6V	5795.08	80000	PASS

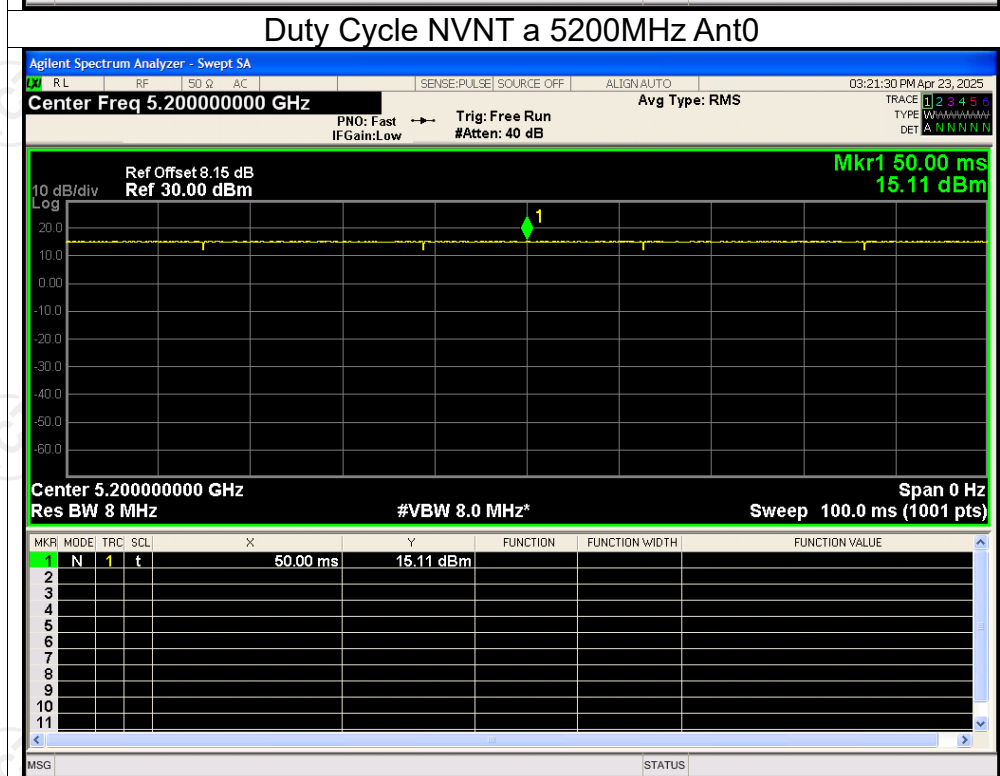
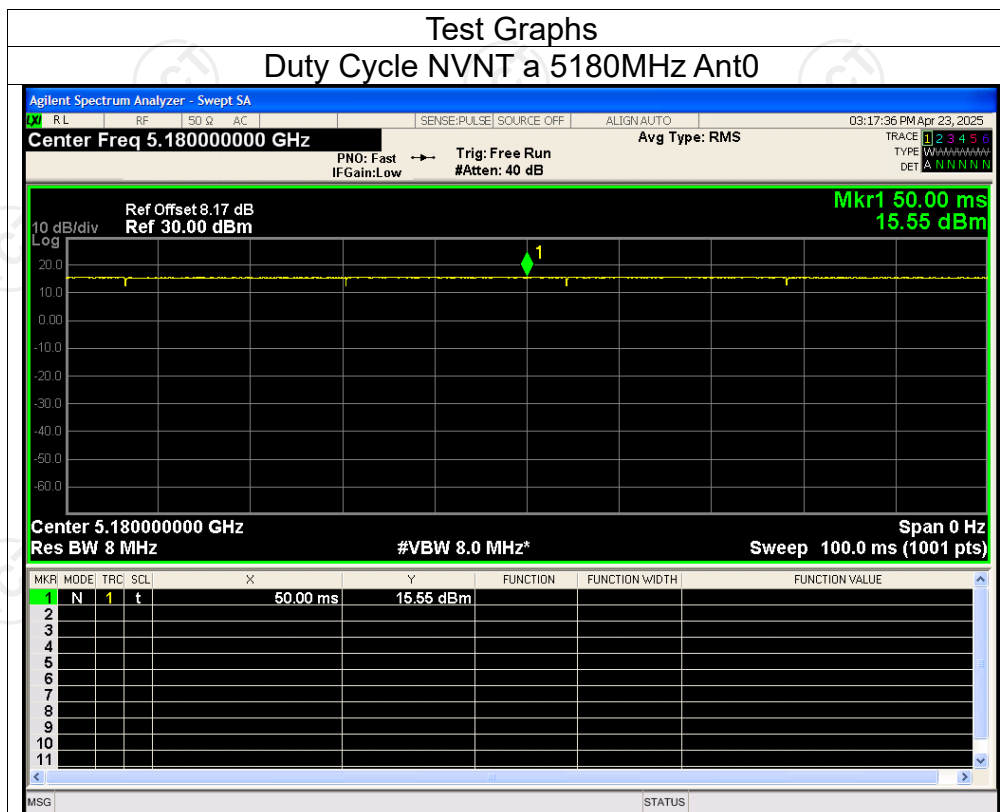
Test mode:		802.11ac(VHT80)	Frequency(MHz):	5210
Temperature (°C)	Voltage(V _{DC})	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.3V	5210	0	PASS
35		5210	0	PASS
25		5210.08	80000	PASS
15		5210	0	PASS
5		5210.08	80000	PASS
0		5210	0	PASS
20	3V	5210	0	PASS
	3.3V	5210.08	80000	PASS
	3.6V	5210	0	PASS

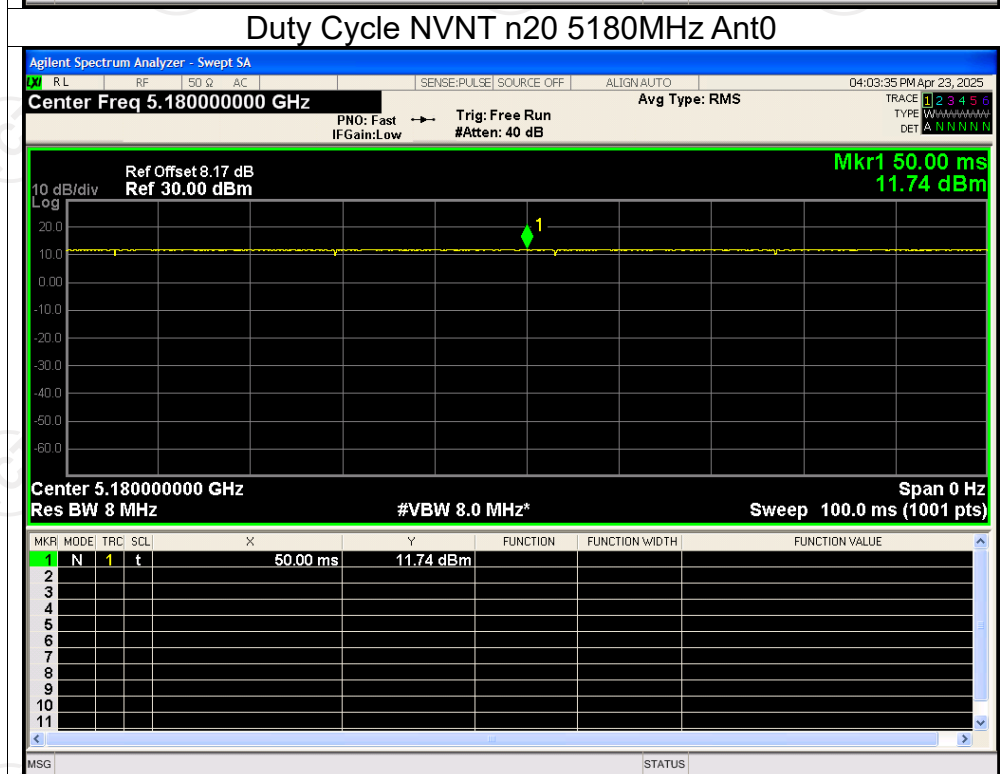
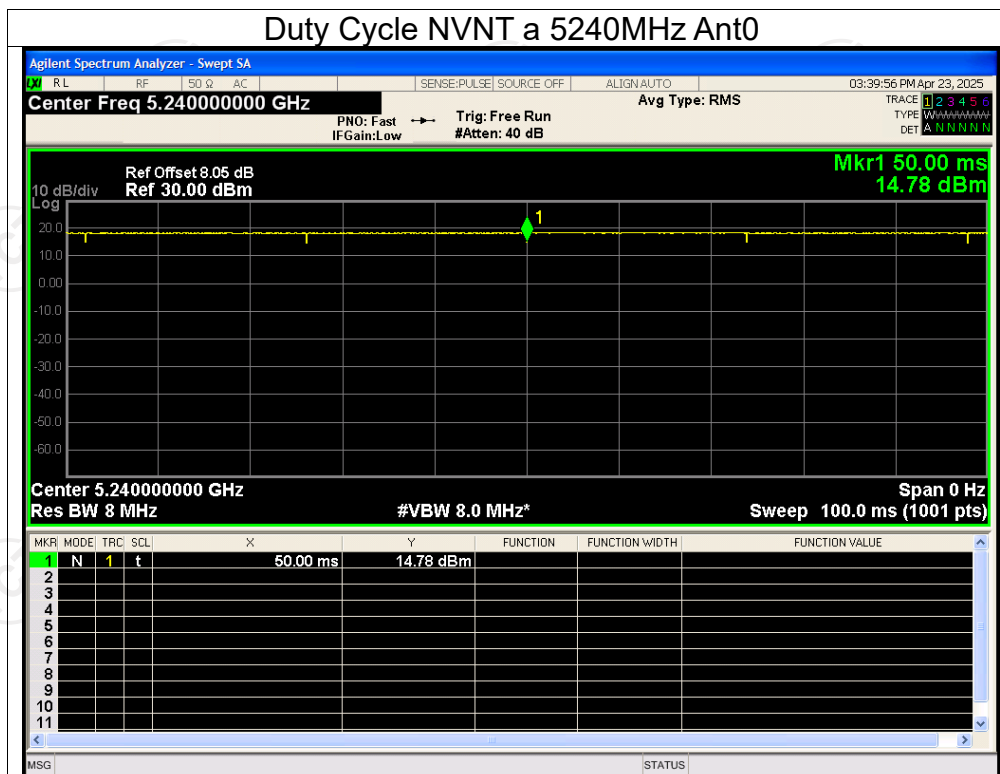
Test mode:		802.11ac(VHT80)	Frequency(MHz):	5775
Temperature (°C)	Voltage(V _{DC})	Measurement Frequency(MHz)	Delta Frequency(Hz)	Result
45	3.3V	5775	0	PASS
35		5775	0	PASS
25		5775	0	PASS
15		5775	0	PASS
5		5775	0	PASS
0		5775	0	PASS
20	3V	5775	0	PASS
	3.3V	5775.08	80000	PASS
	3.6V	5775	0	PASS

Appendix A: Test Result of Conducted Test

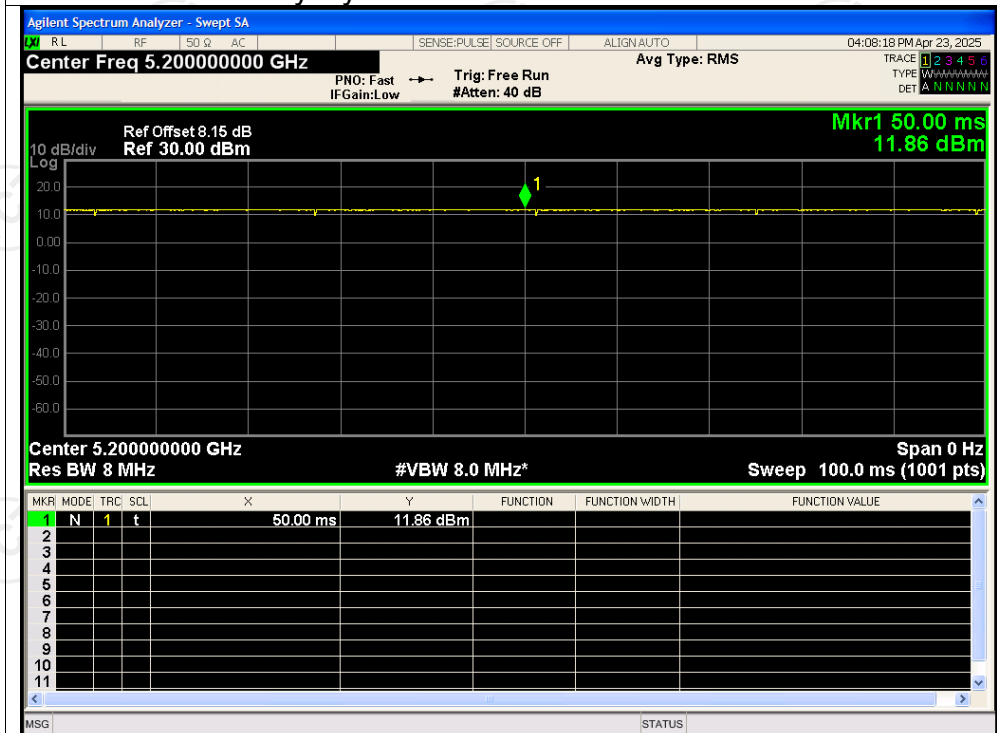
Antenna 0

Duty Cycle				
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)
NVNT	a	5180	Ant0	100
NVNT	a	5200	Ant0	100
NVNT	a	5240	Ant0	100
NVNT	n20	5180	Ant0	100
NVNT	n20	5200	Ant0	100
NVNT	n20	5240	Ant0	100
NVNT	n40	5190	Ant0	100
NVNT	n40	5230	Ant0	100
NVNT	ac20	5180	Ant0	100
NVNT	ac20	5200	Ant0	100
NVNT	ac20	5240	Ant0	100
NVNT	ac40	5190	Ant0	100
NVNT	ac40	5230	Ant0	100
NVNT	ac80	5210	Ant0	100
NVNT	a	5745	Ant0	100
NVNT	a	5785	Ant0	100
NVNT	a	5825	Ant0	100
NVNT	n20	5745	Ant0	100
NVNT	n20	5785	Ant0	100
NVNT	n20	5825	Ant0	100
NVNT	n40	5755	Ant0	100
NVNT	n40	5795	Ant0	100
NVNT	ac20	5745	Ant0	100
NVNT	ac20	5785	Ant0	100
NVNT	ac20	5825	Ant0	100
NVNT	ac40	5755	Ant0	100
NVNT	ac40	5795	Ant0	100
NVNT	ac80	5775	Ant0	100

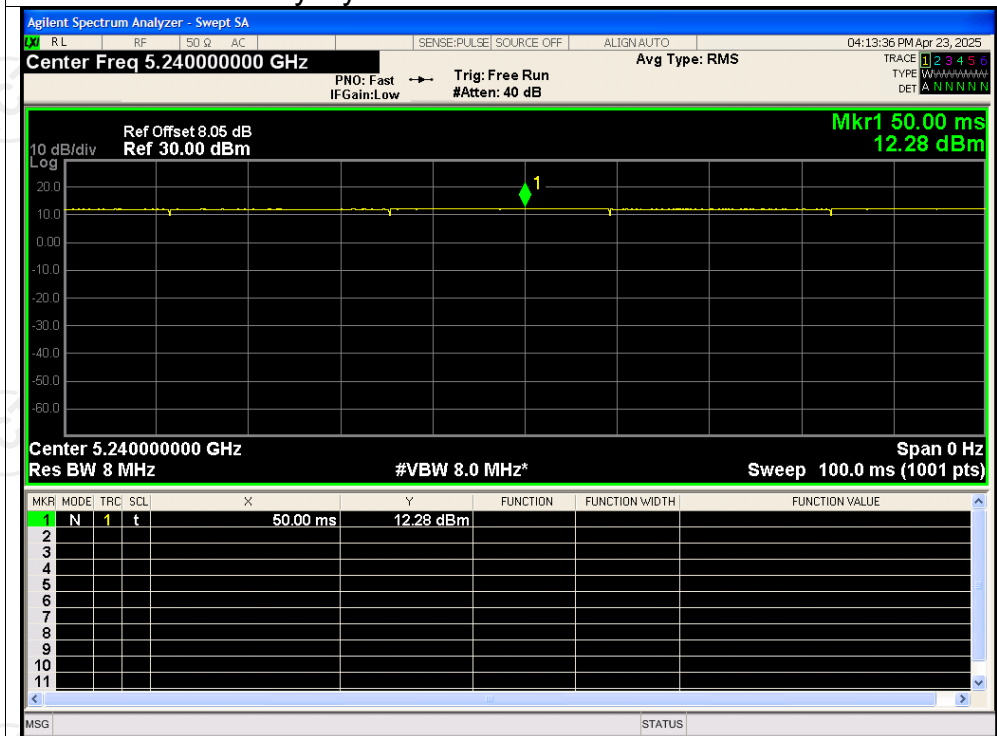




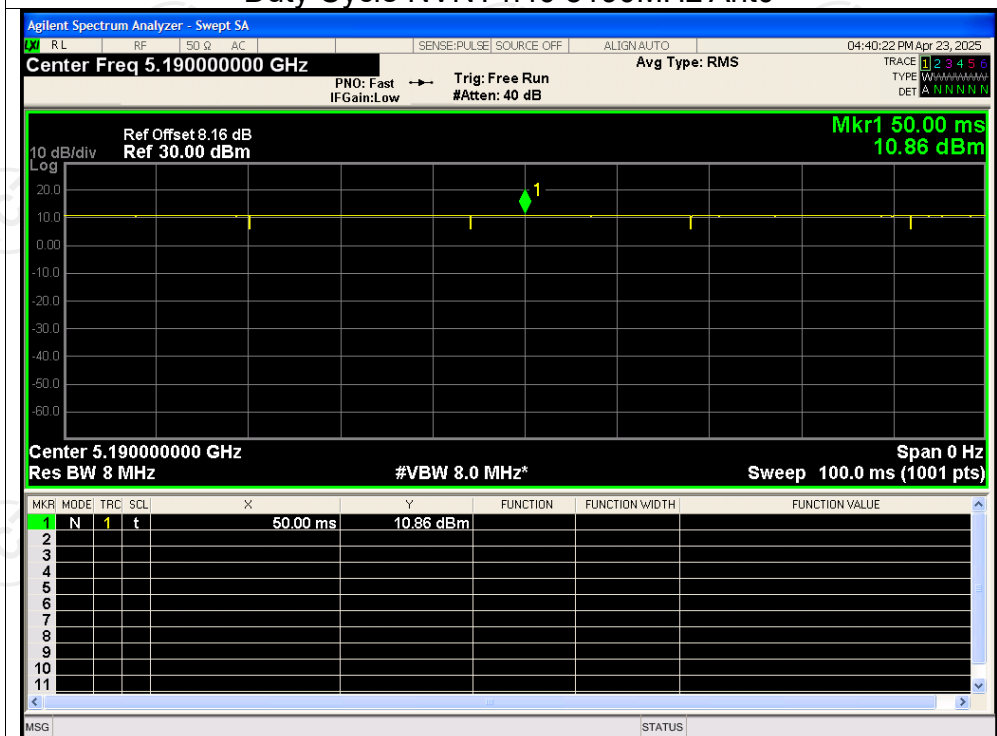
Duty Cycle NVNT n20 5200MHz Ant0



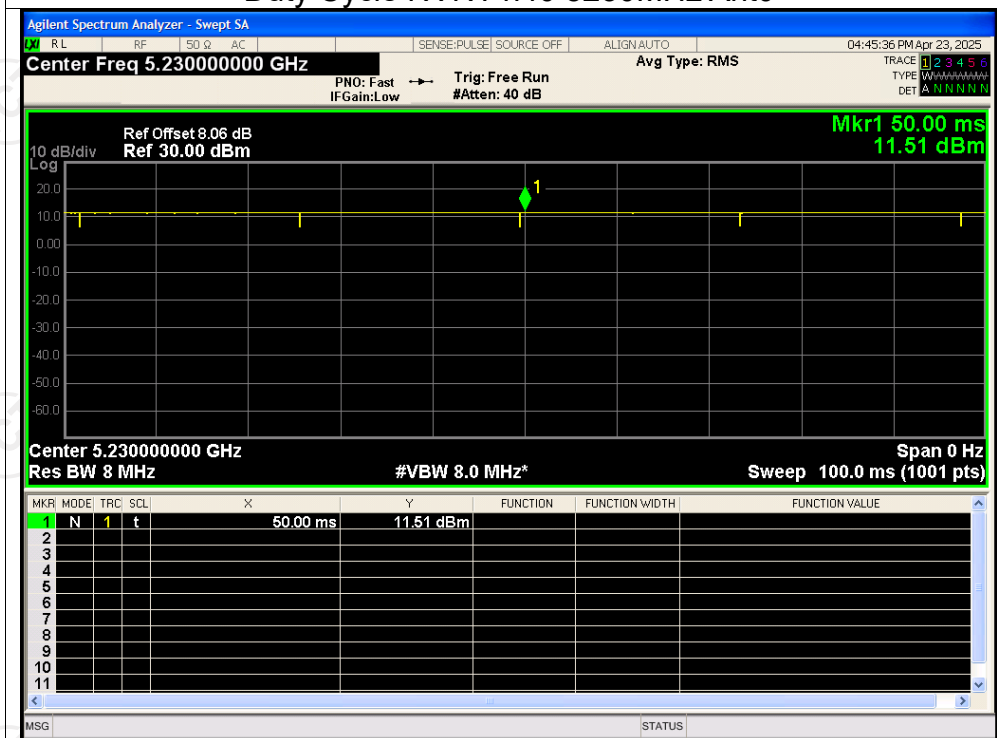
Duty Cycle NVNT n20 5240MHz Ant0

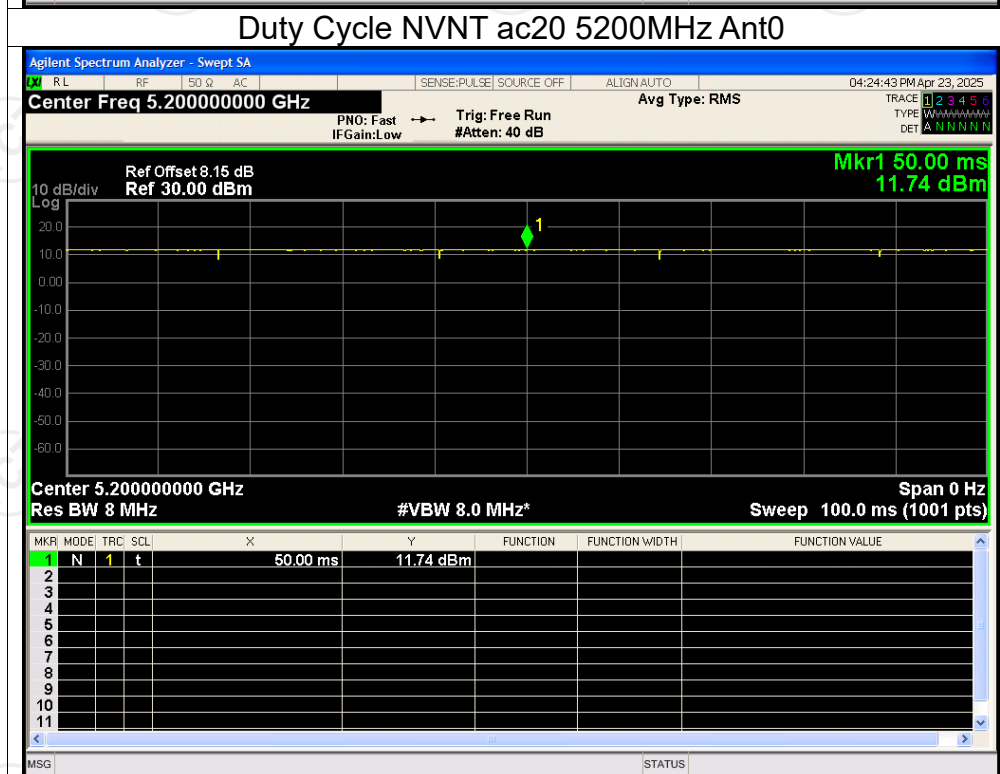
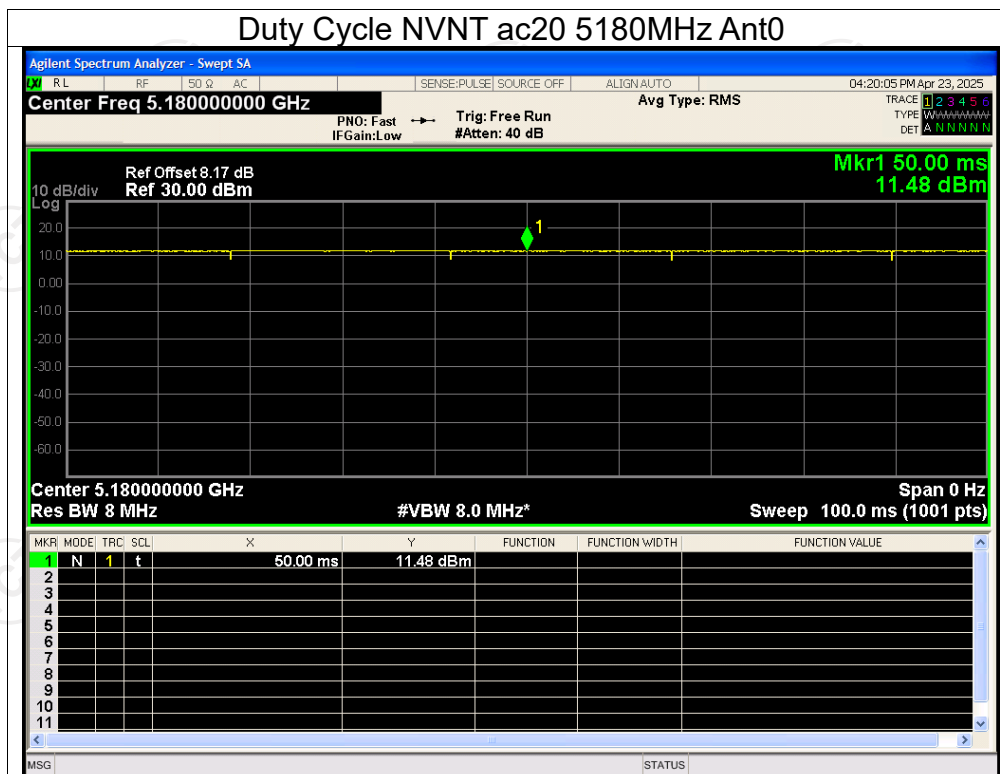


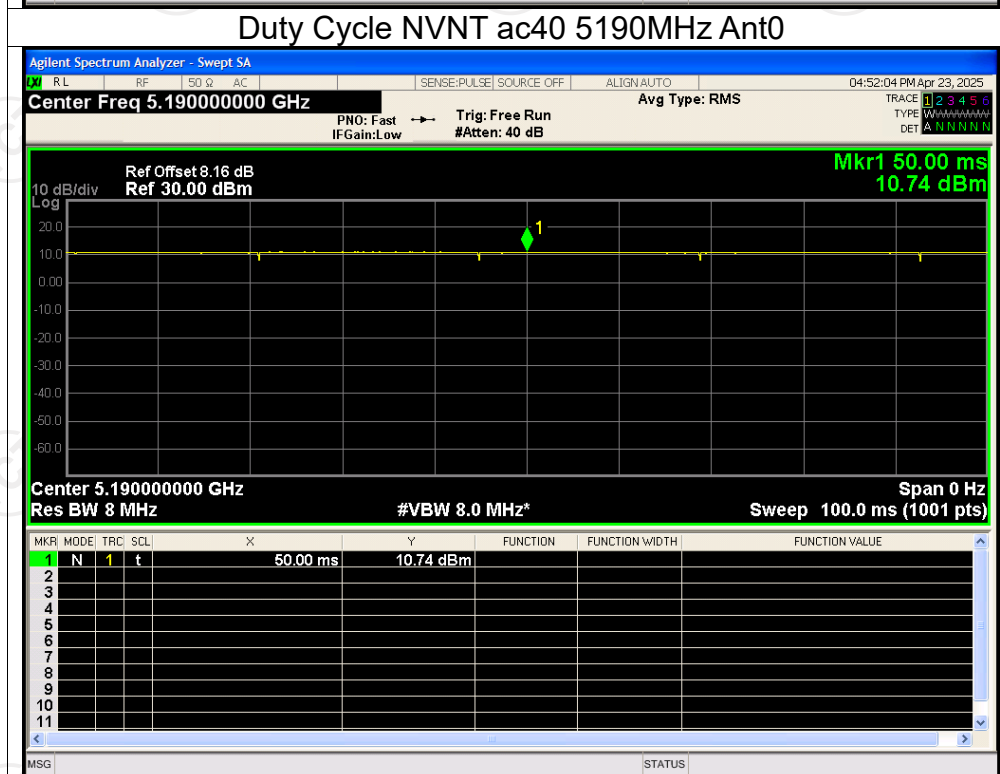
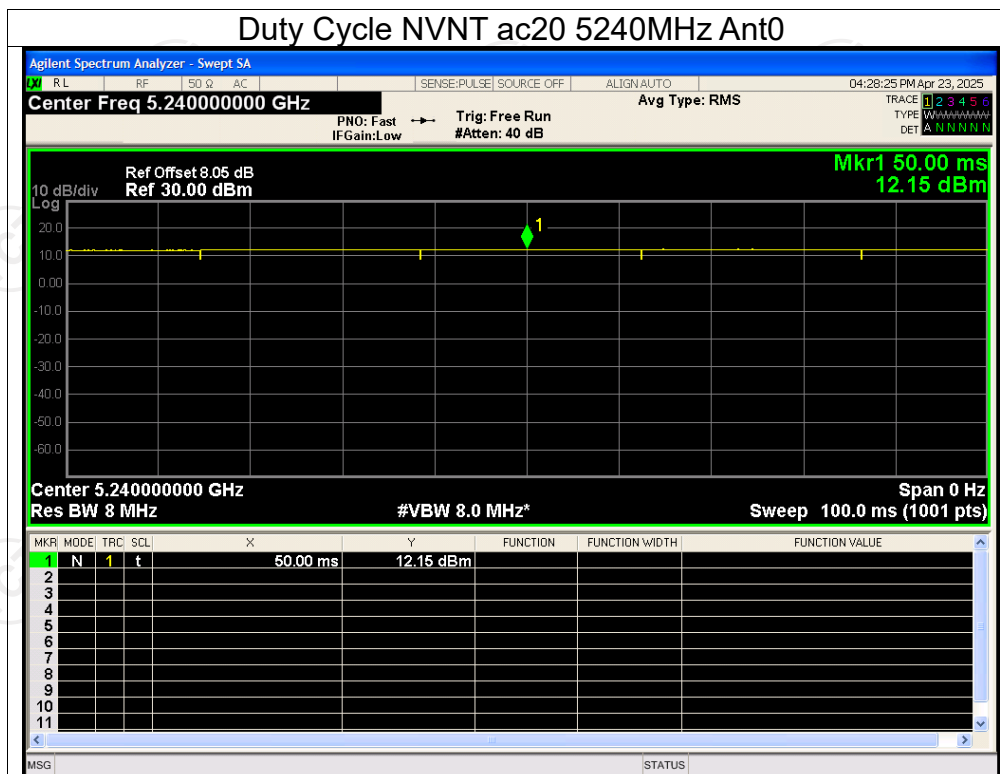
Duty Cycle NVNT n40 5190MHz Ant0

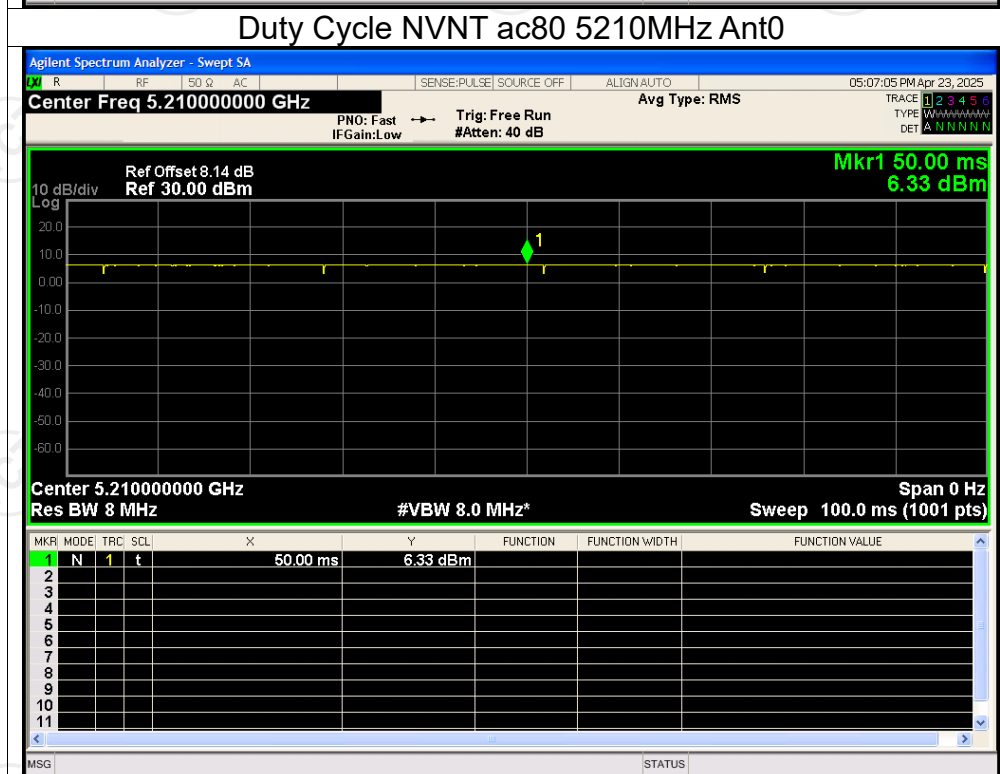
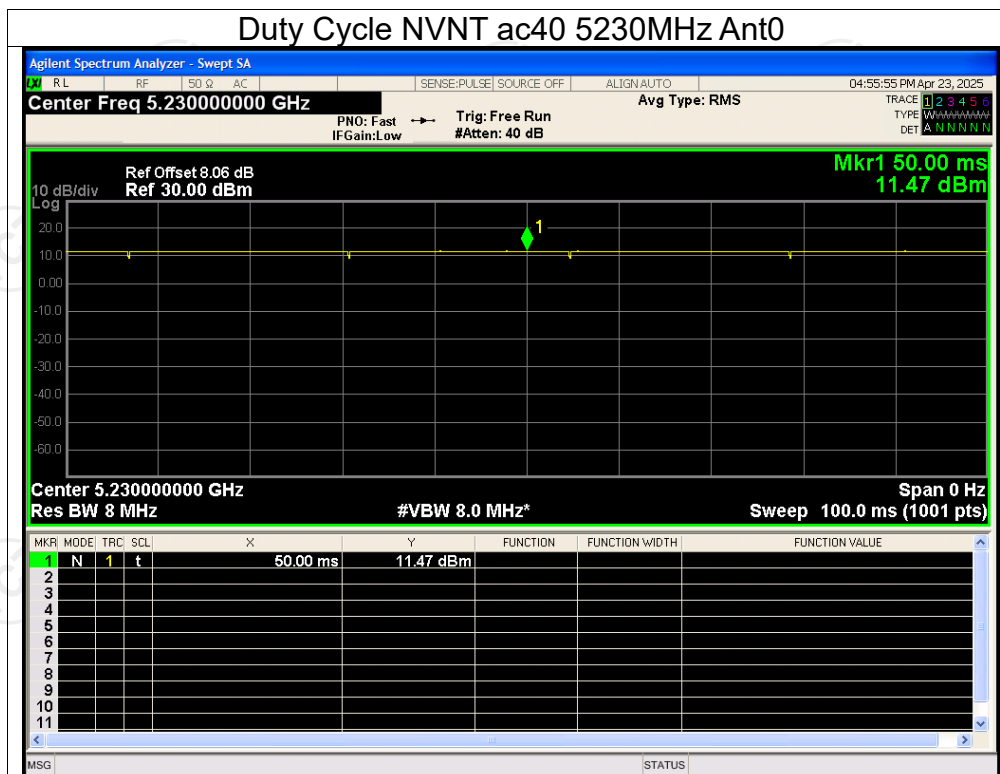


Duty Cycle NVNT n40 5230MHz Ant0



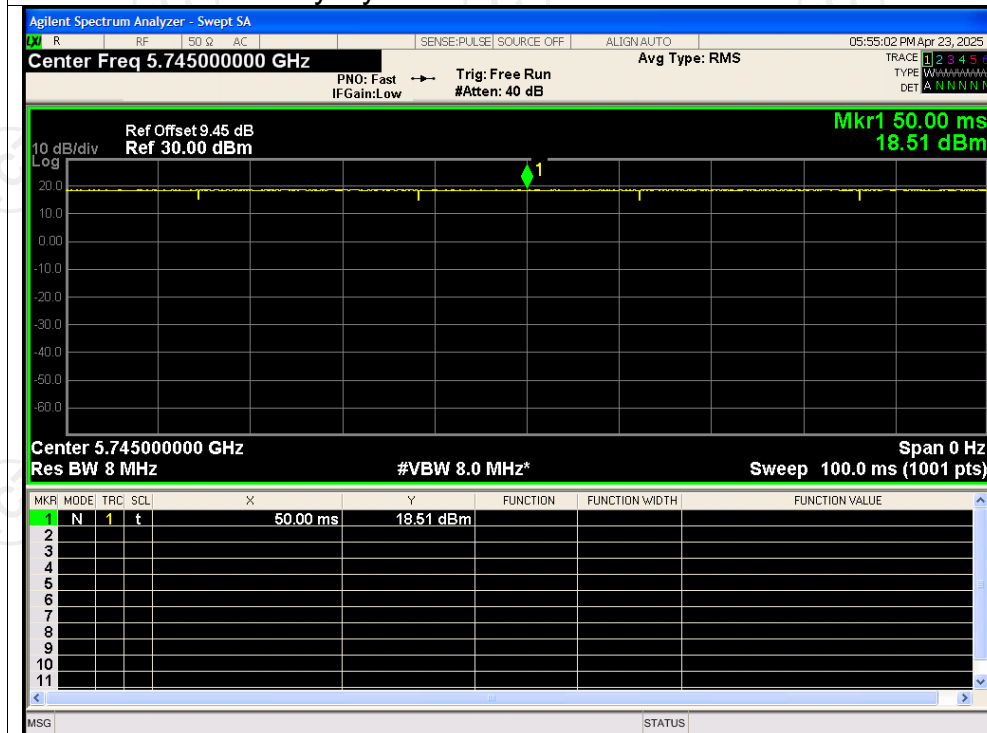




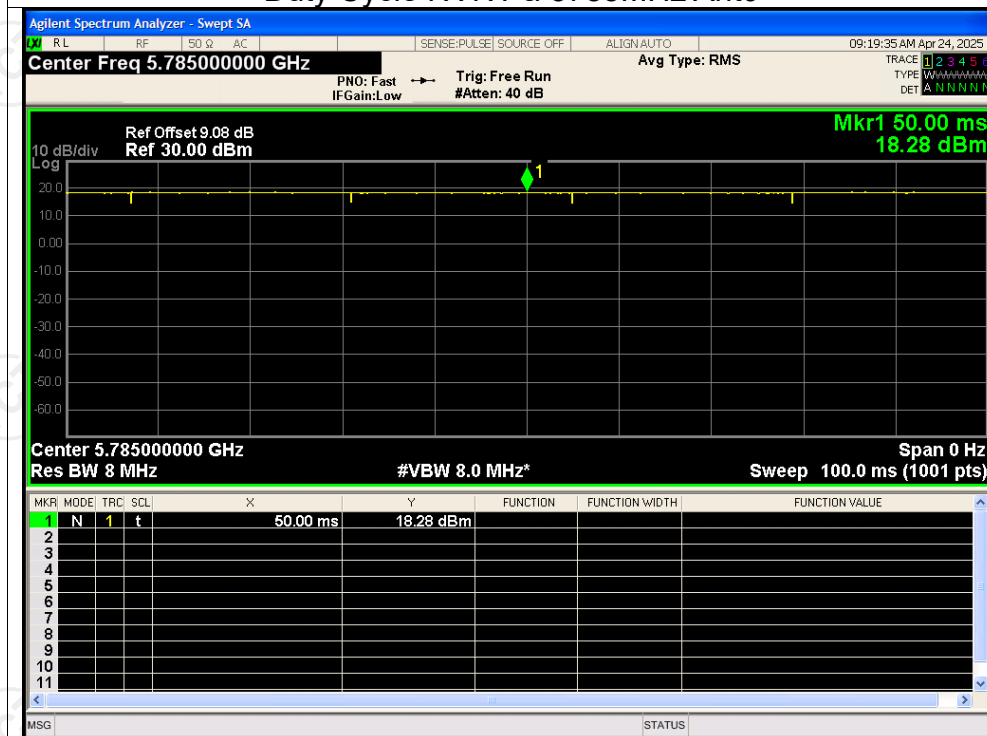


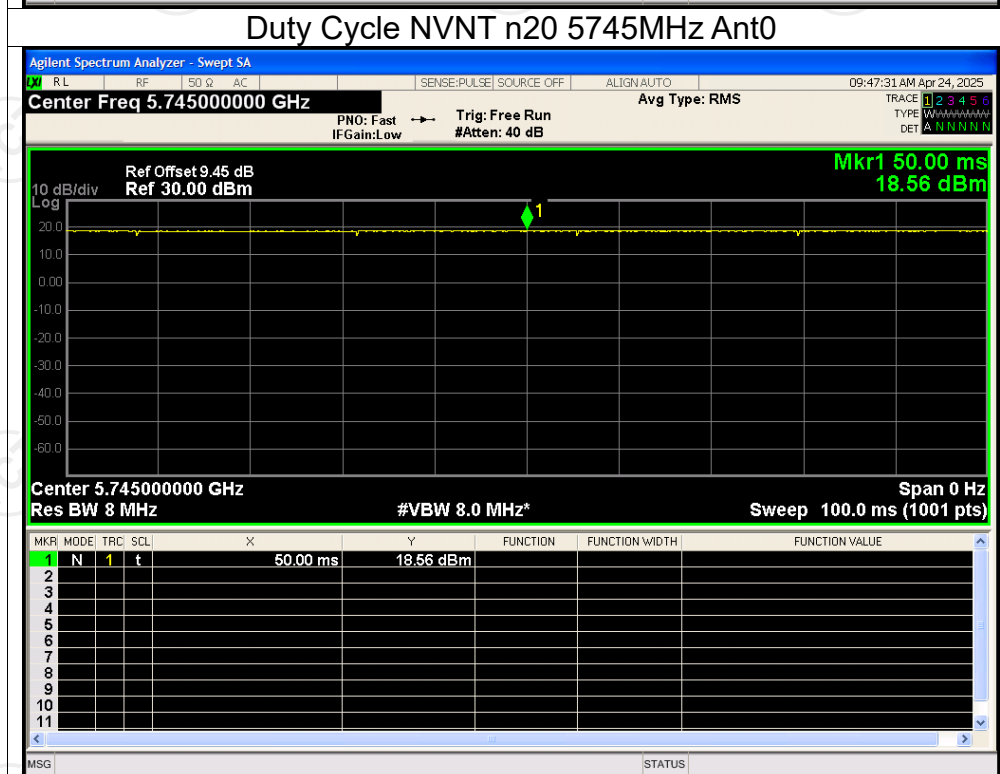
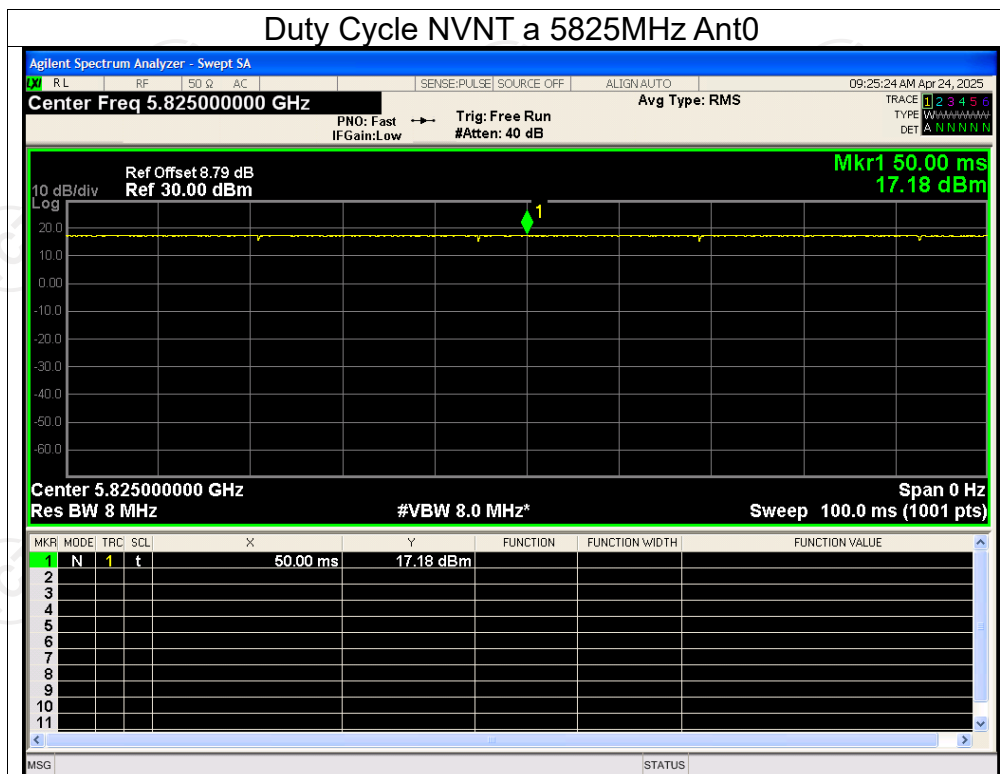
Test Graphs

Duty Cycle NVNT a 5745MHz Ant0

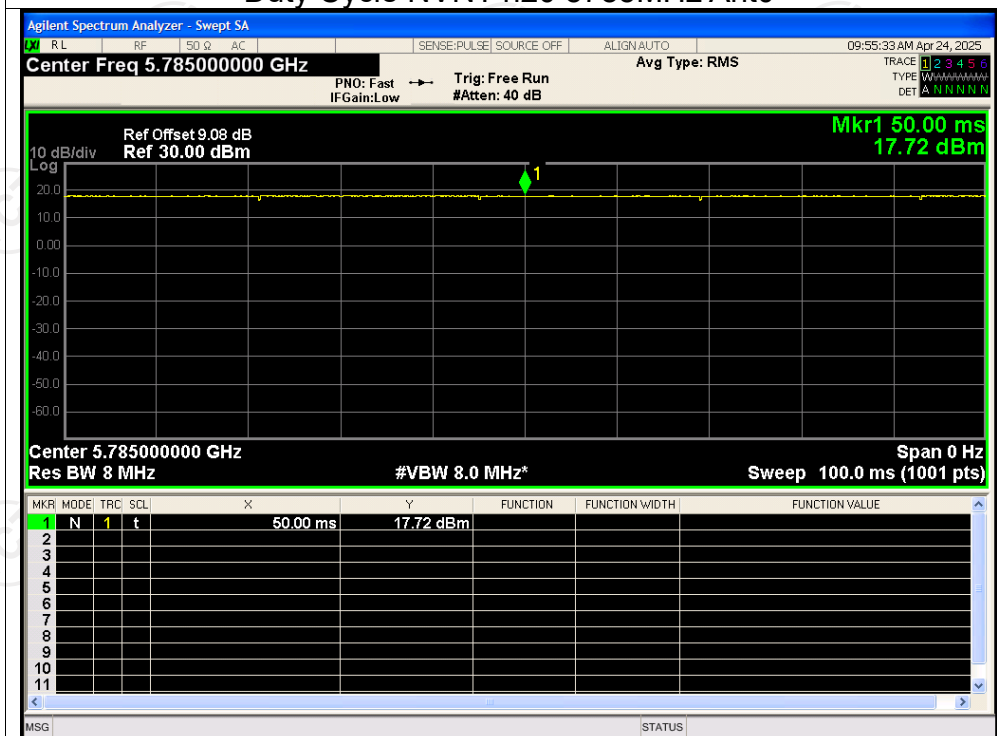


Duty Cycle NVNT a 5785MHz Ant0

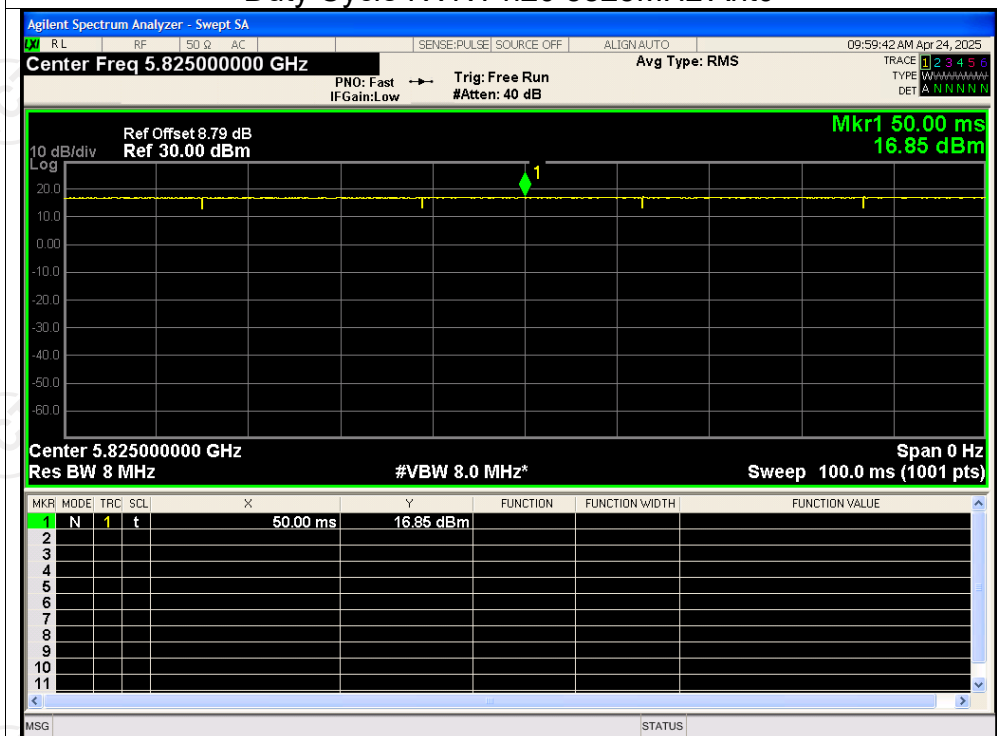




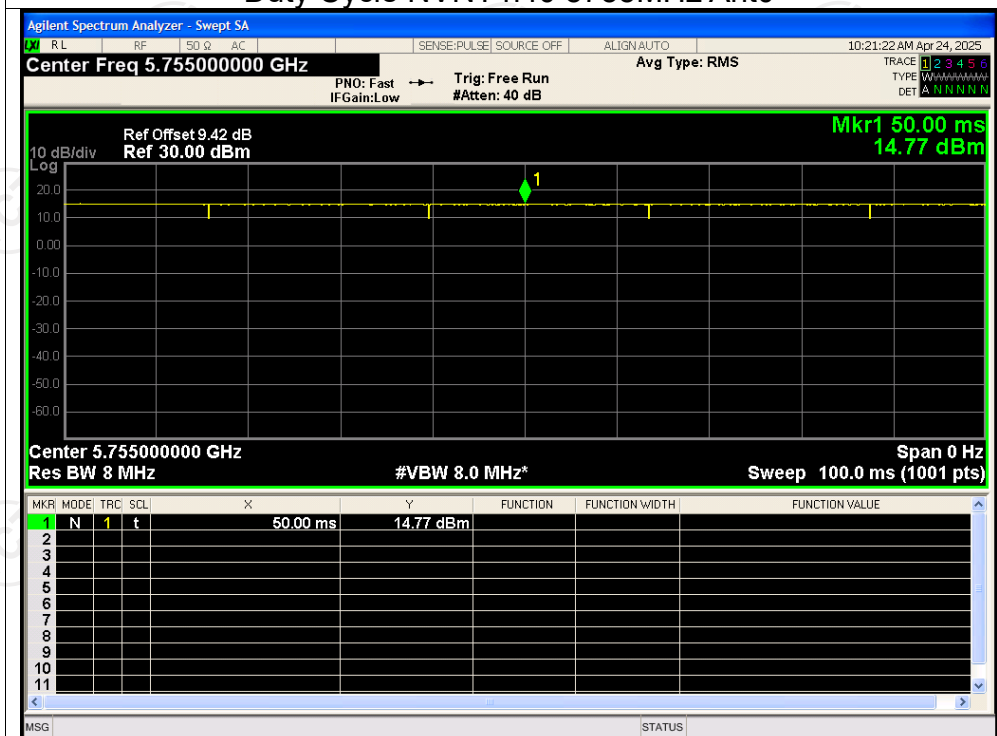
Duty Cycle NVNT n20 5785MHz Ant0



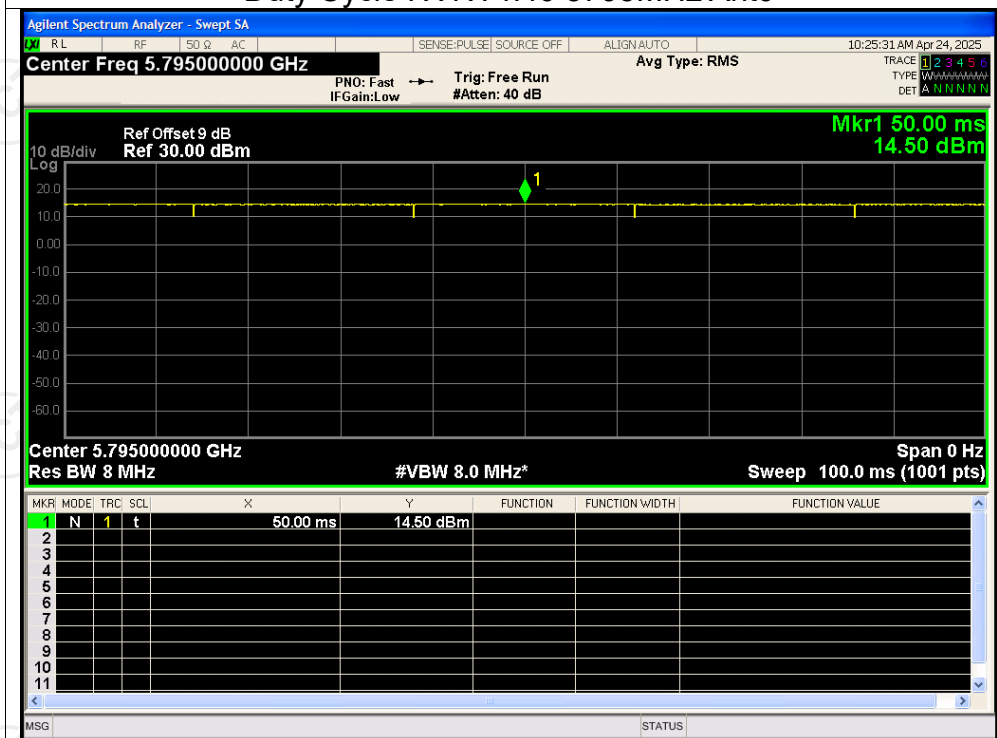
Duty Cycle NVNT n20 5825MHz Ant0

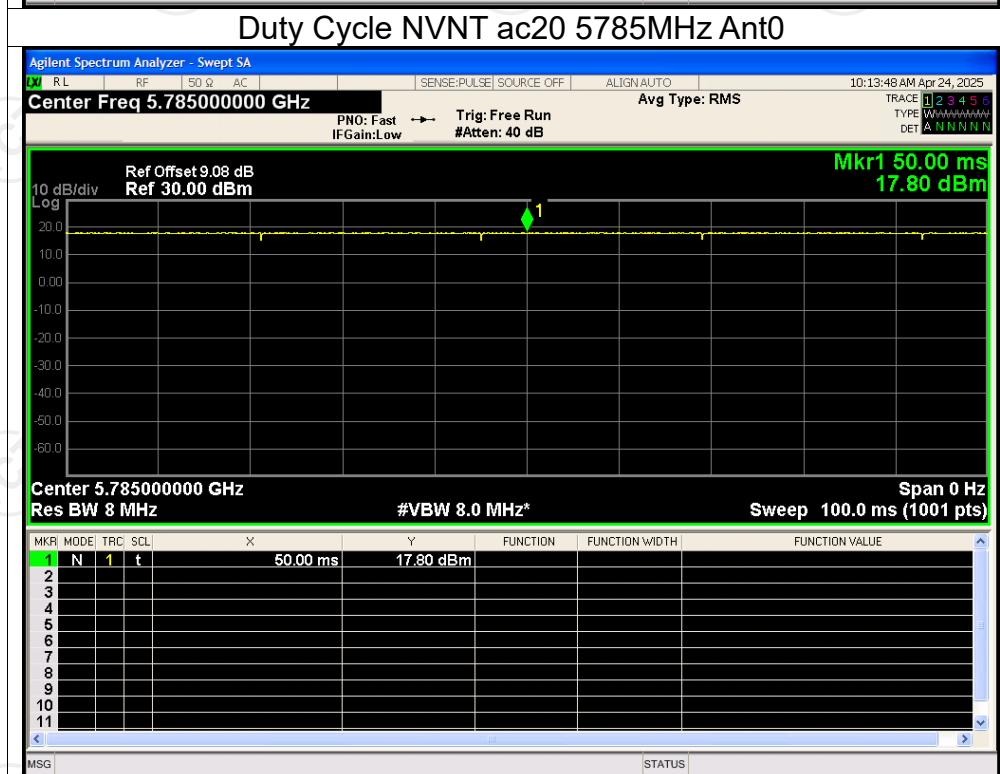
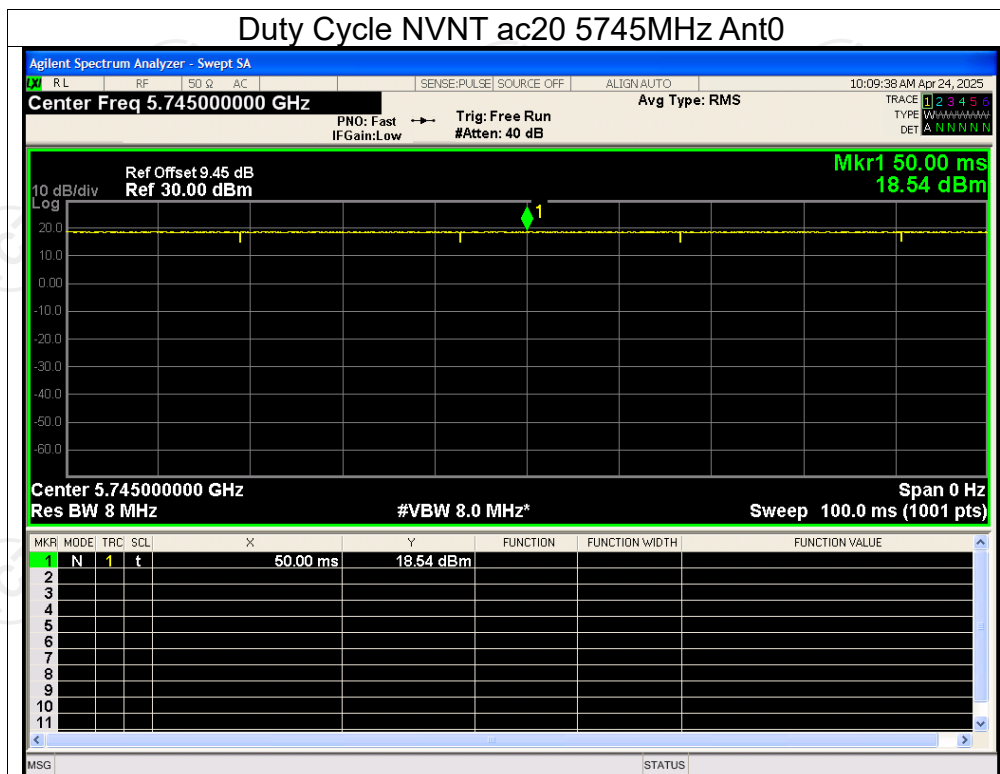


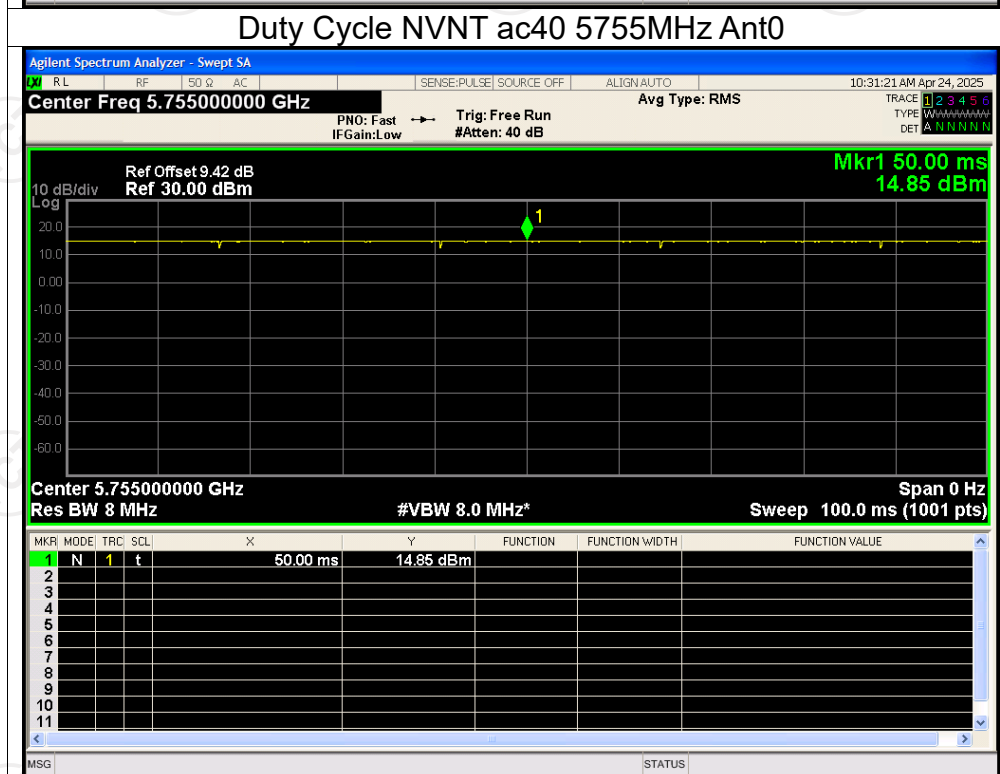
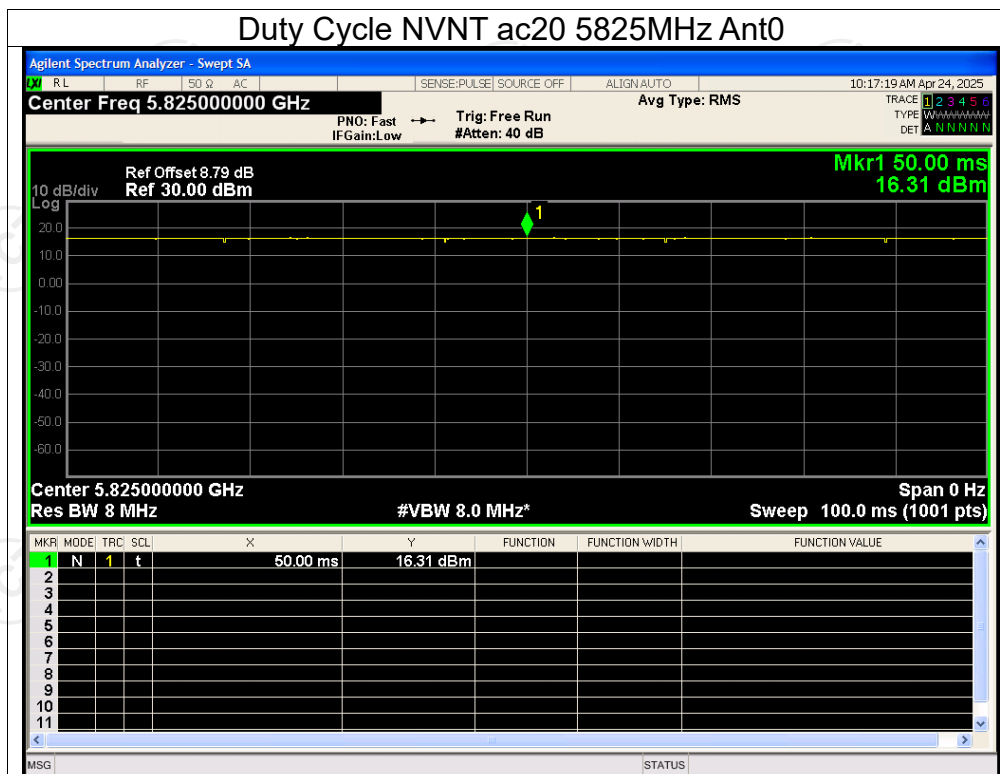
Duty Cycle NVNT n40 5755MHz Ant0

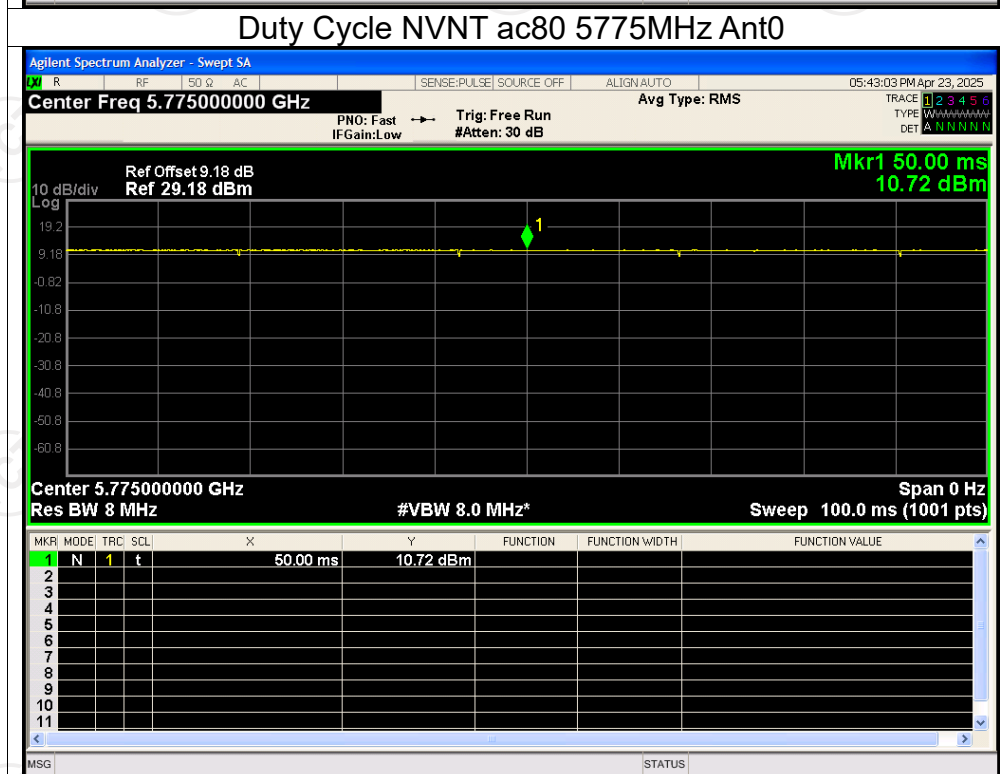
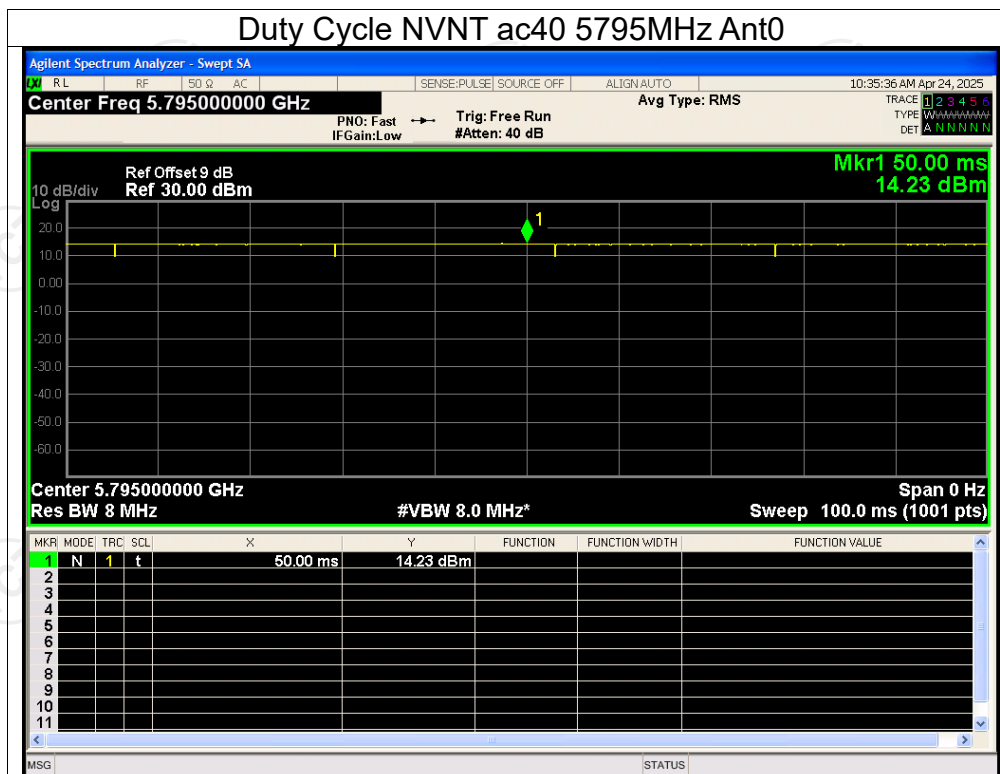


Duty Cycle NVNT n40 5795MHz Ant0







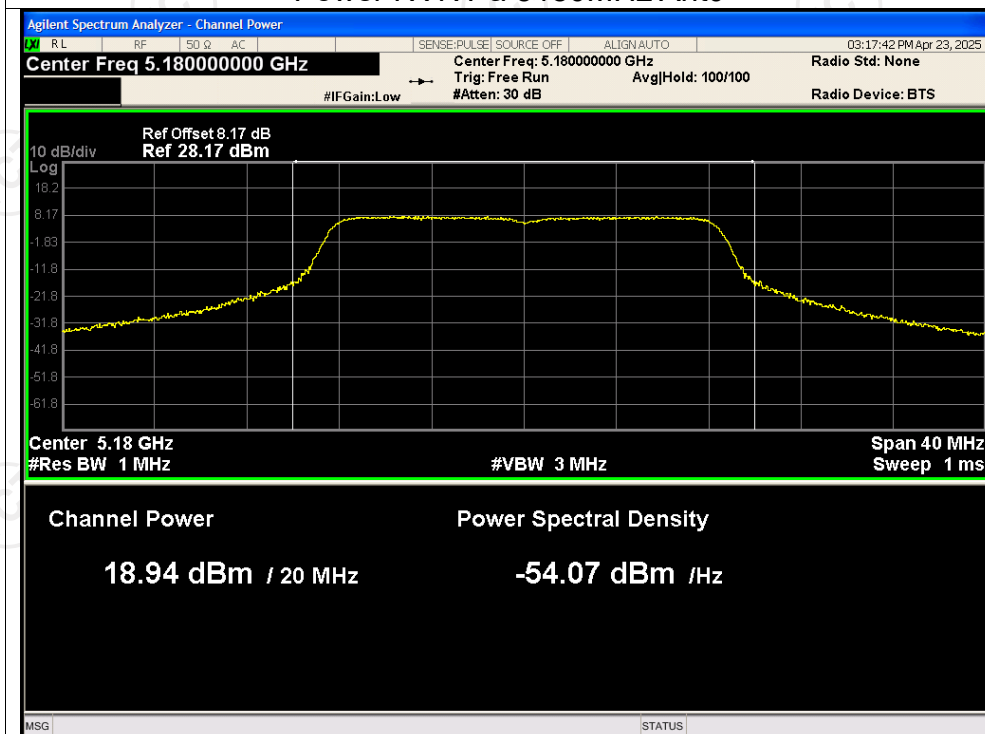


Maximum Conducted Output Power

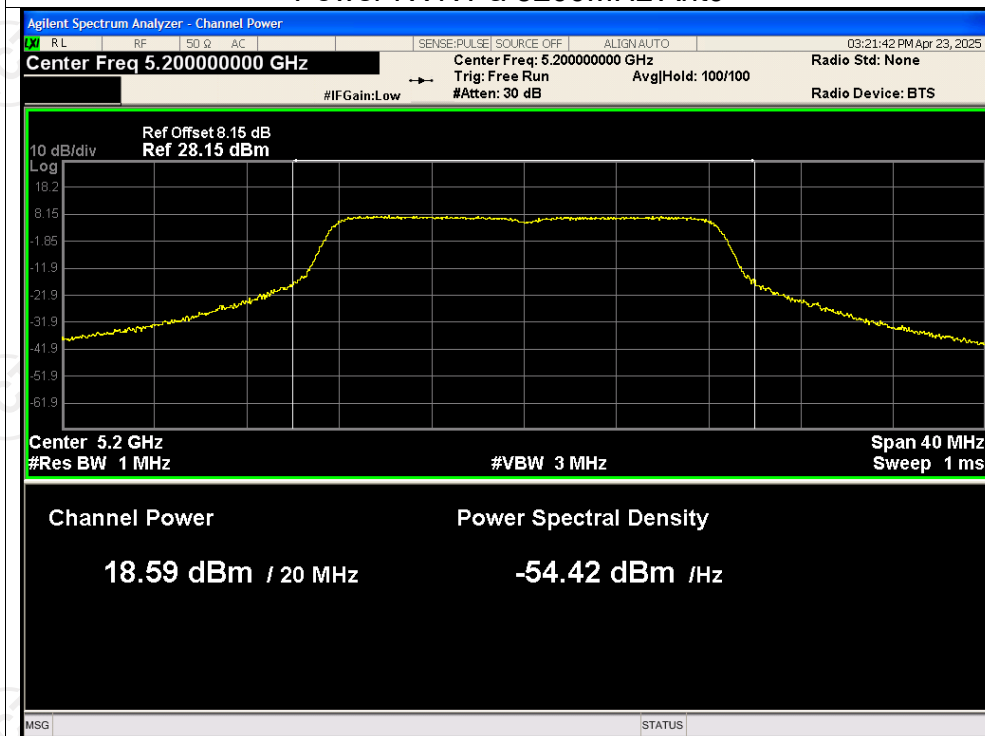
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant0	18.94	24	Pass
NVNT	a	5200	Ant0	18.59	24	Pass
NVNT	a	5240	Ant0	21.67	24	Pass
NVNT	n20	5180	Ant0	15.51	24	Pass
NVNT	n20	5200	Ant0	15.52	24	Pass
NVNT	n20	5240	Ant0	15.86	24	Pass
NVNT	n40	5190	Ant0	18.09	24	Pass
NVNT	n40	5230	Ant0	18.65	24	Pass
NVNT	ac20	5180	Ant0	15.50	24	Pass
NVNT	ac20	5200	Ant0	15.55	24	Pass
NVNT	ac20	5240	Ant0	15.90	24	Pass
NVNT	ac40	5190	Ant0	18.08	24	Pass
NVNT	ac40	5230	Ant0	18.70	24	Pass
NVNT	ac80	5210	Ant0	17.11	24	Pass
NVNT	a	5745	Ant0	22.05	30	Pass
NVNT	a	5785	Ant0	21.93	30	Pass
NVNT	a	5825	Ant0	20.71	30	Pass
NVNT	n20	5745	Ant0	22.40	30	Pass
NVNT	n20	5785	Ant0	21.91	30	Pass
NVNT	n20	5825	Ant0	20.11	30	Pass
NVNT	n40	5755	Ant0	22.30	30	Pass
NVNT	n40	5795	Ant0	21.81	30	Pass
NVNT	ac20	5745	Ant0	22.57	30	Pass
NVNT	ac20	5785	Ant0	21.66	30	Pass
NVNT	ac20	5825	Ant0	20.11	30	Pass
NVNT	ac40	5755	Ant0	22.27	30	Pass
NVNT	ac40	5795	Ant0	21.55	30	Pass
NVNT	ac80	5775	Ant0	21.75	30	Pass

Test Graphs

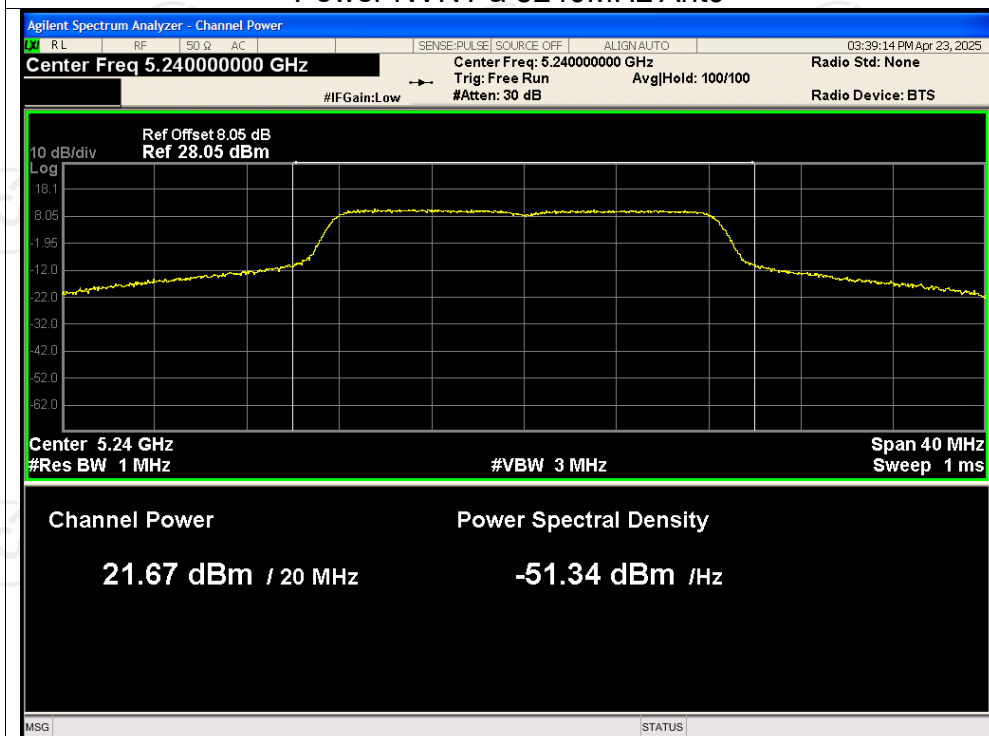
Power NVNT a 5180MHz Ant0



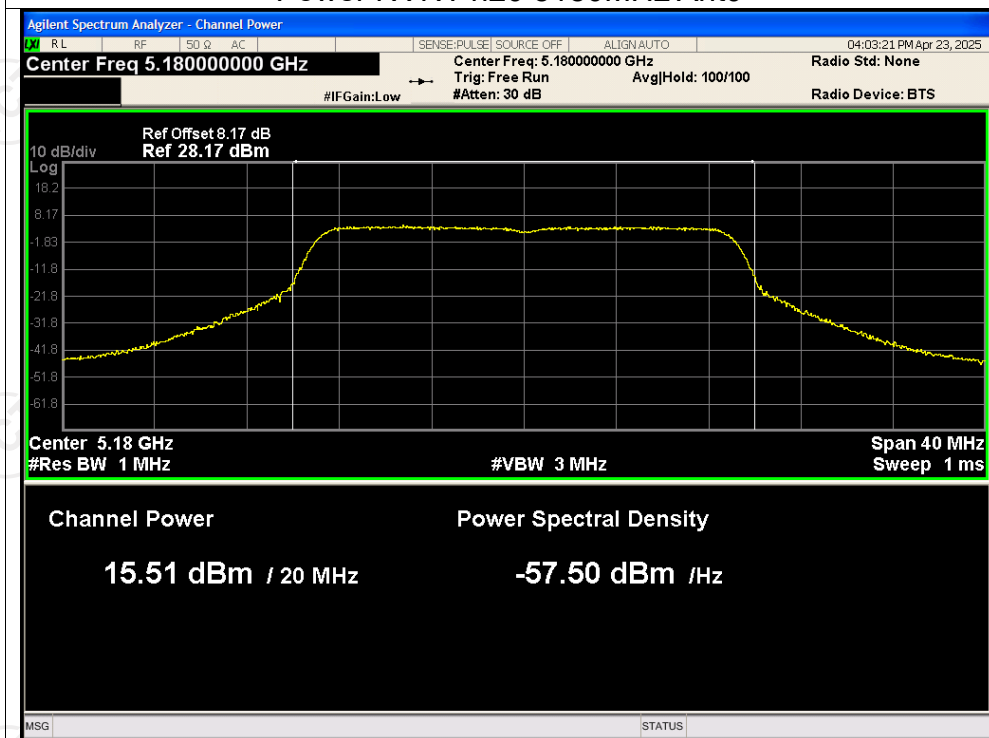
Power NVNT a 5200MHz Ant0



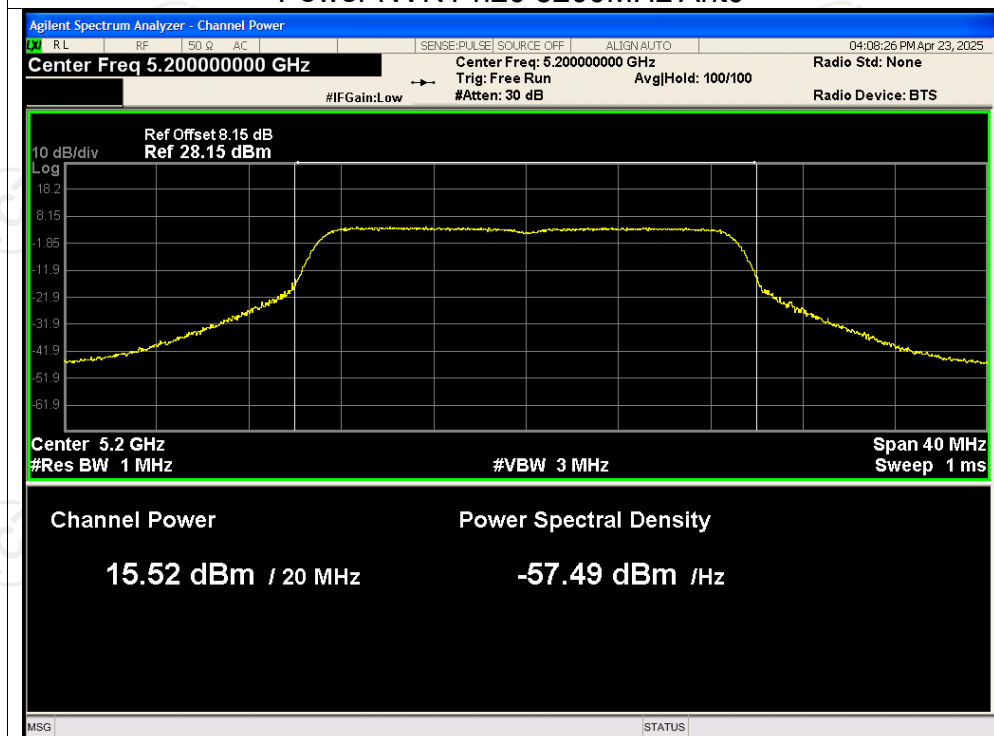
Power NVNT a 5240MHz Ant0



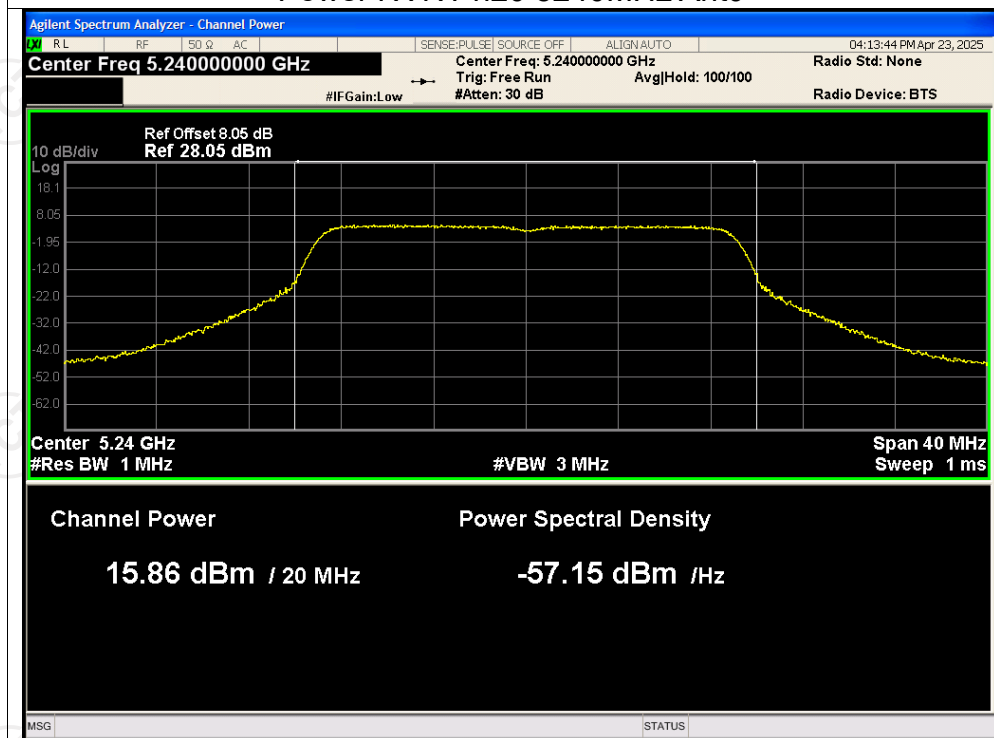
Power NVNT n20 5180MHz Ant0



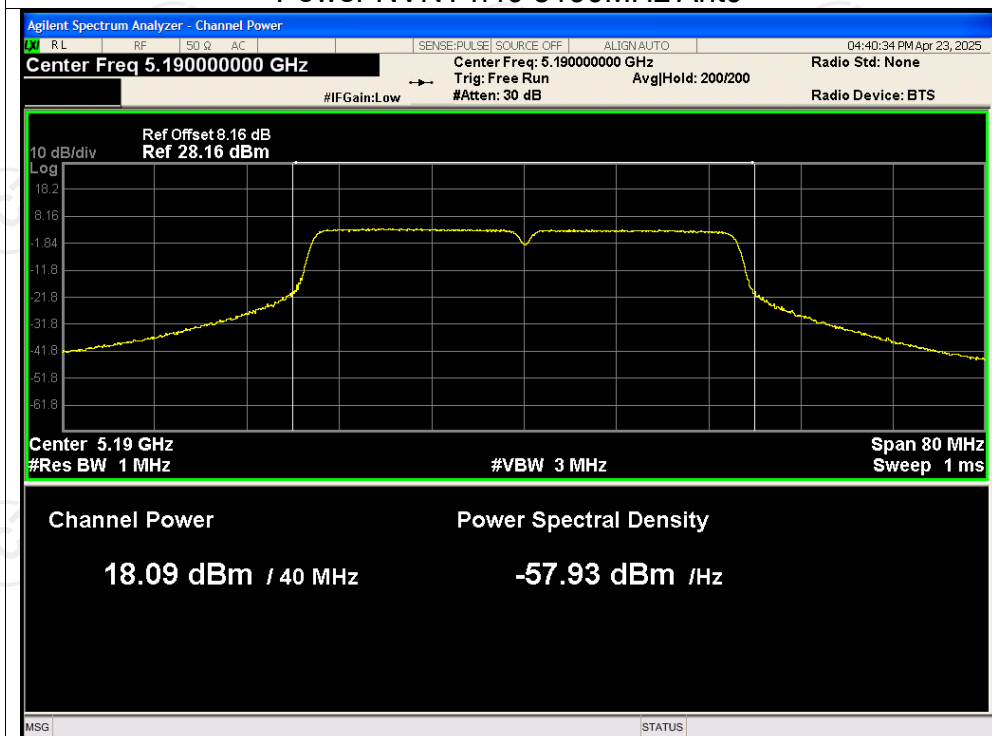
Power NVNT n20 5200MHz Ant0



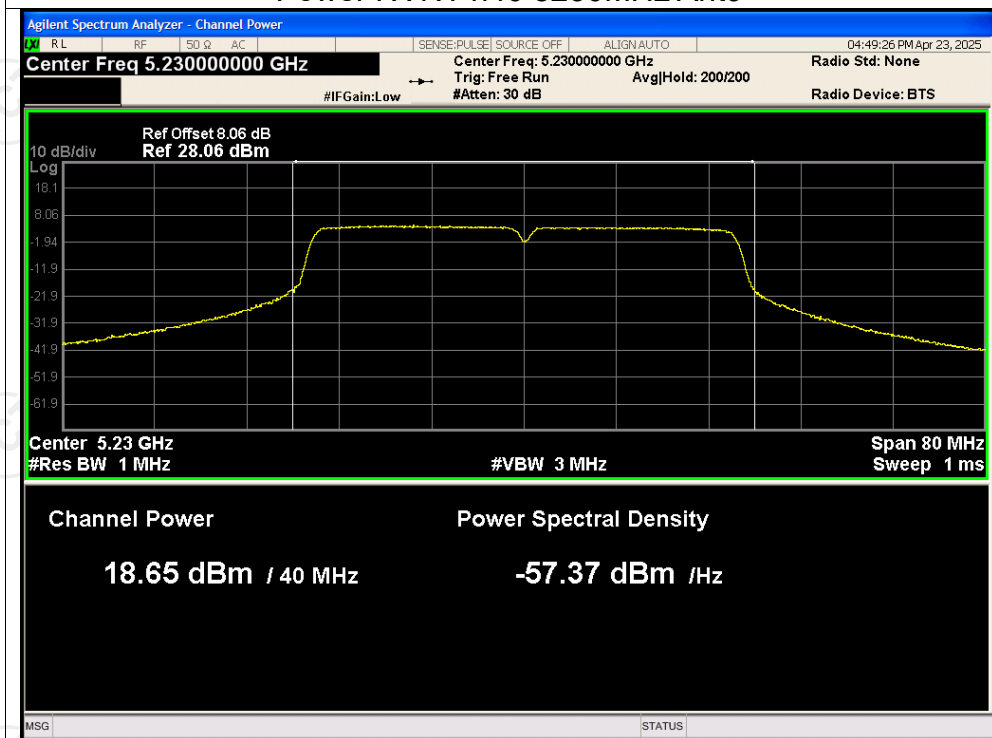
Power NVNT n20 5240MHz Ant0



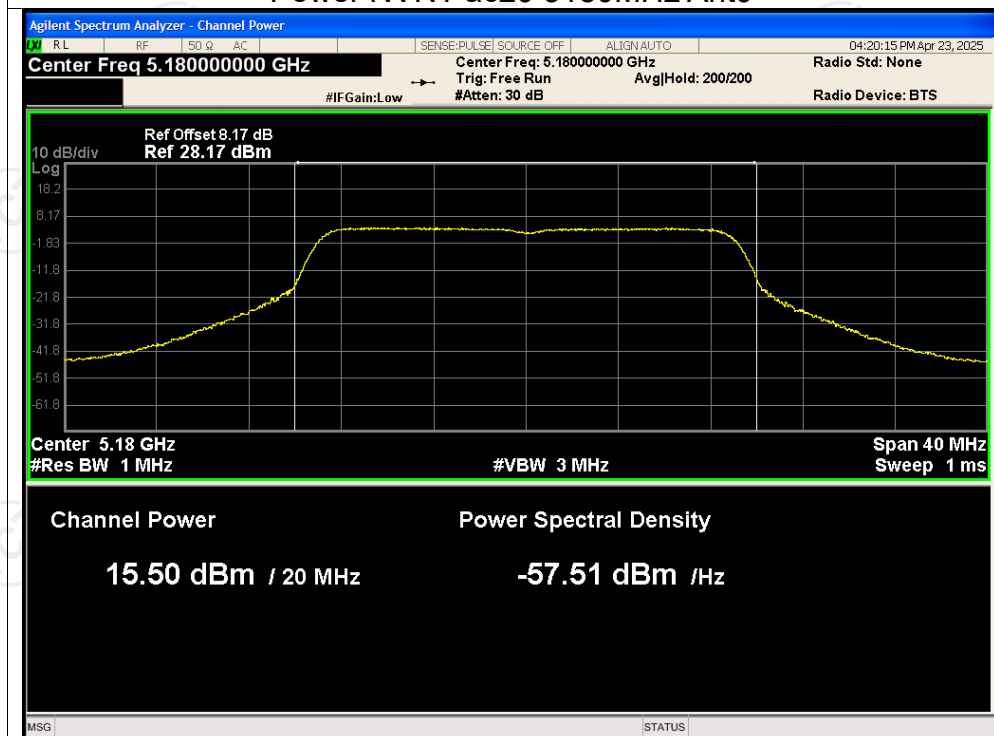
Power NVNT n40 5190MHz Ant0



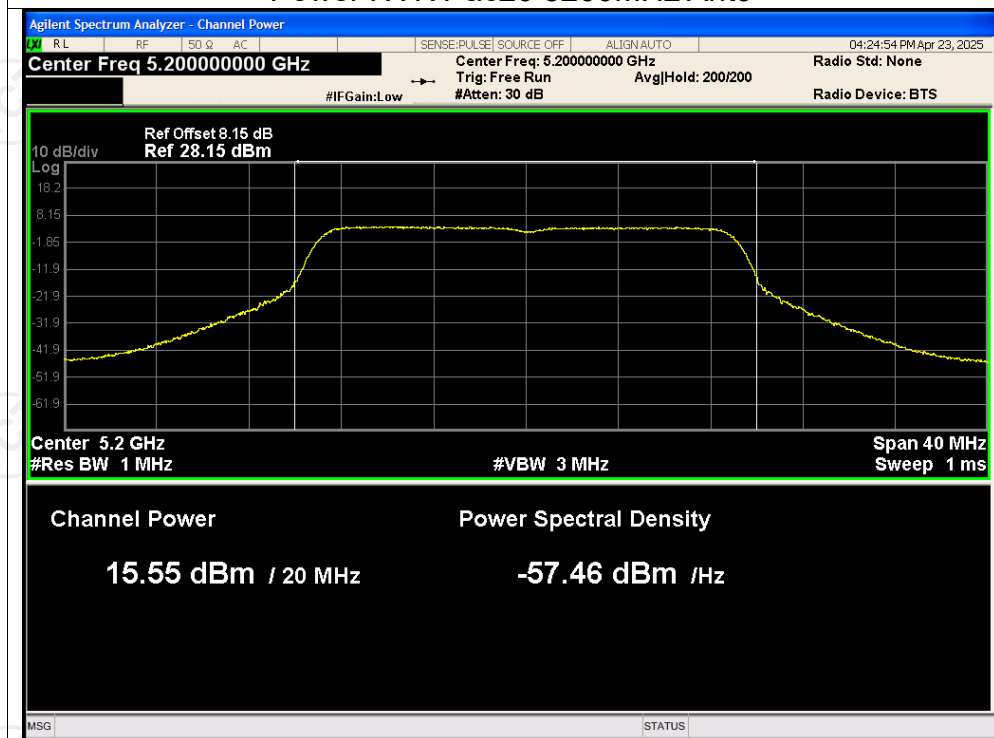
Power NVNT n40 5230MHz Ant0



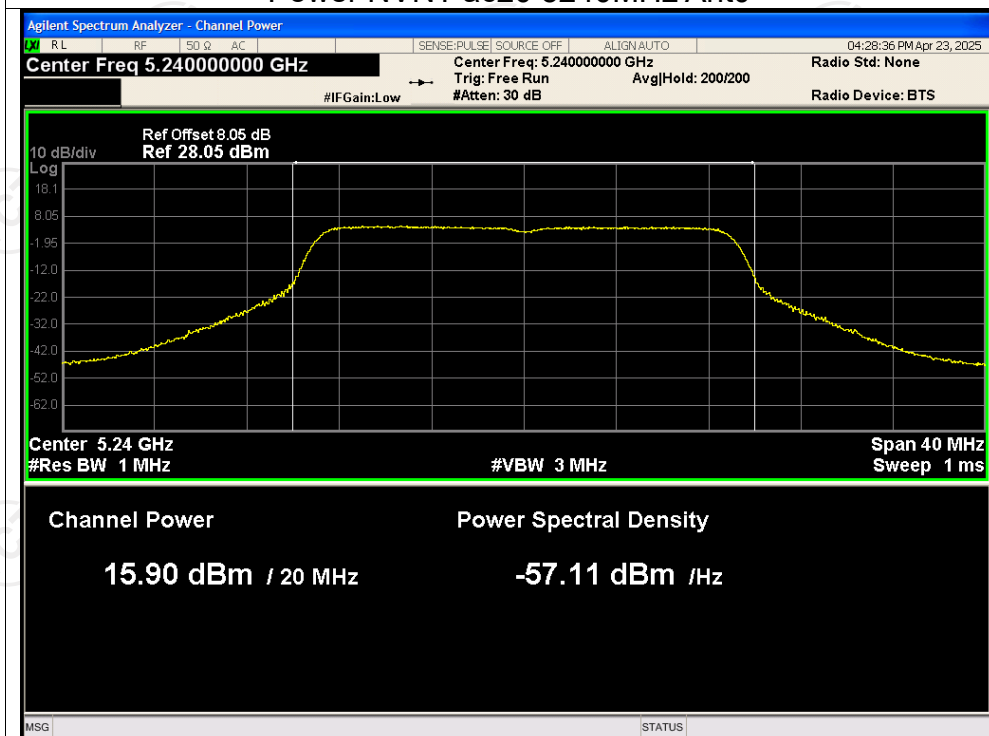
Power NVNT ac20 5180MHz Ant0



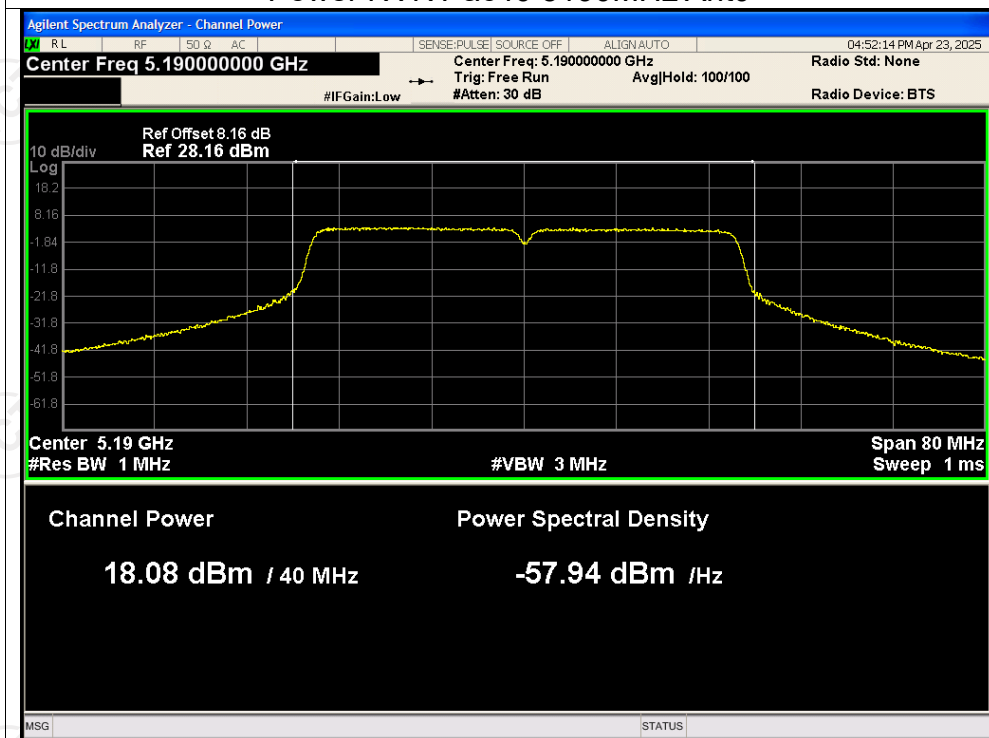
Power NVNT ac20 5200MHz Ant0



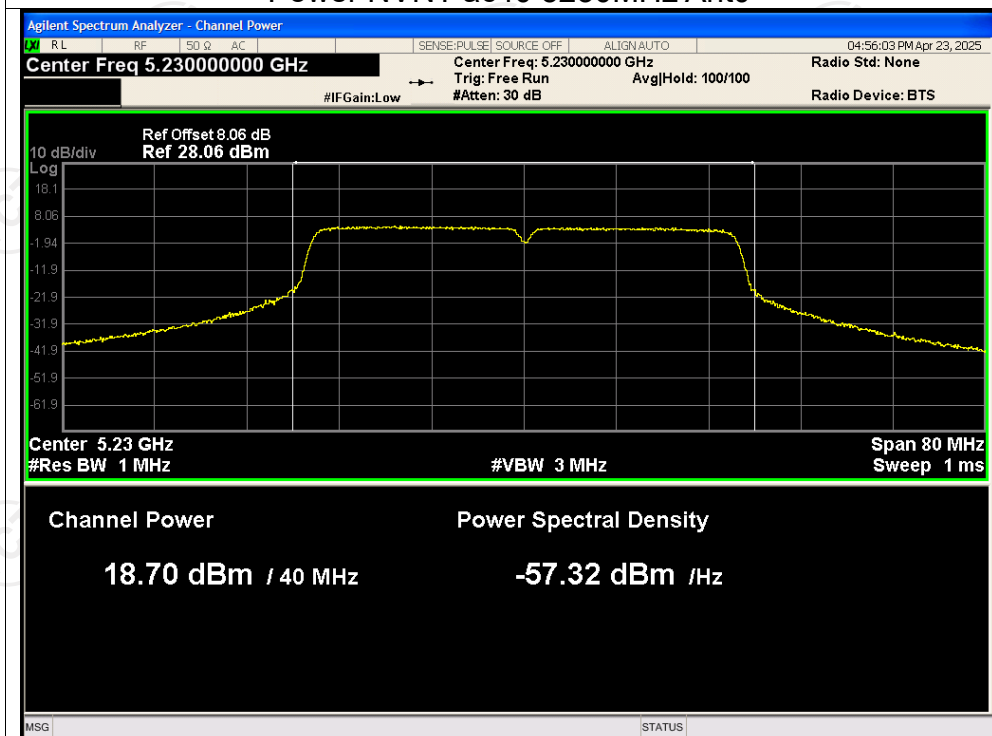
Power NVNT ac20 5240MHz Ant0



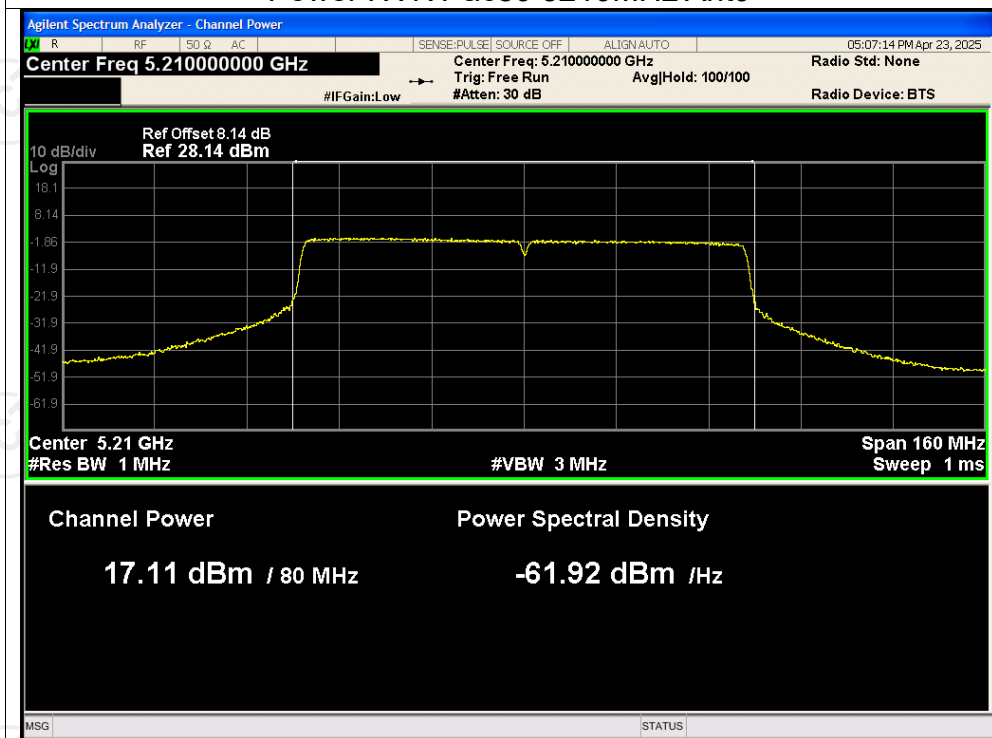
Power NVNT ac40 5190MHz Ant0



Power NVNT ac40 5230MHz Ant0

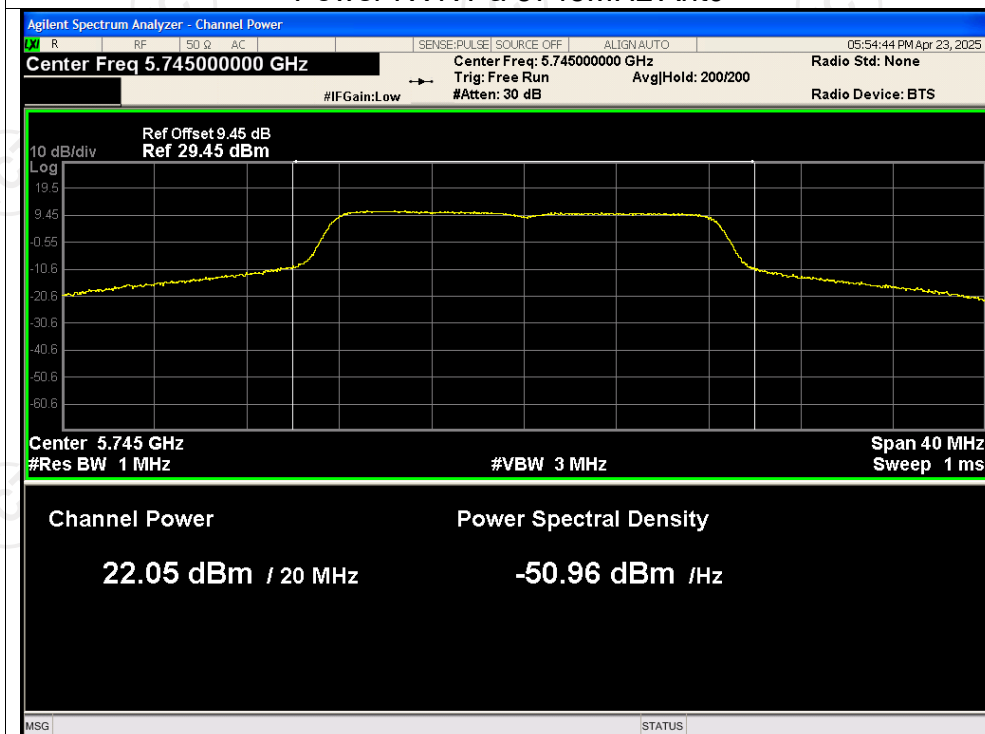


Power NVNT ac80 5210MHz Ant0

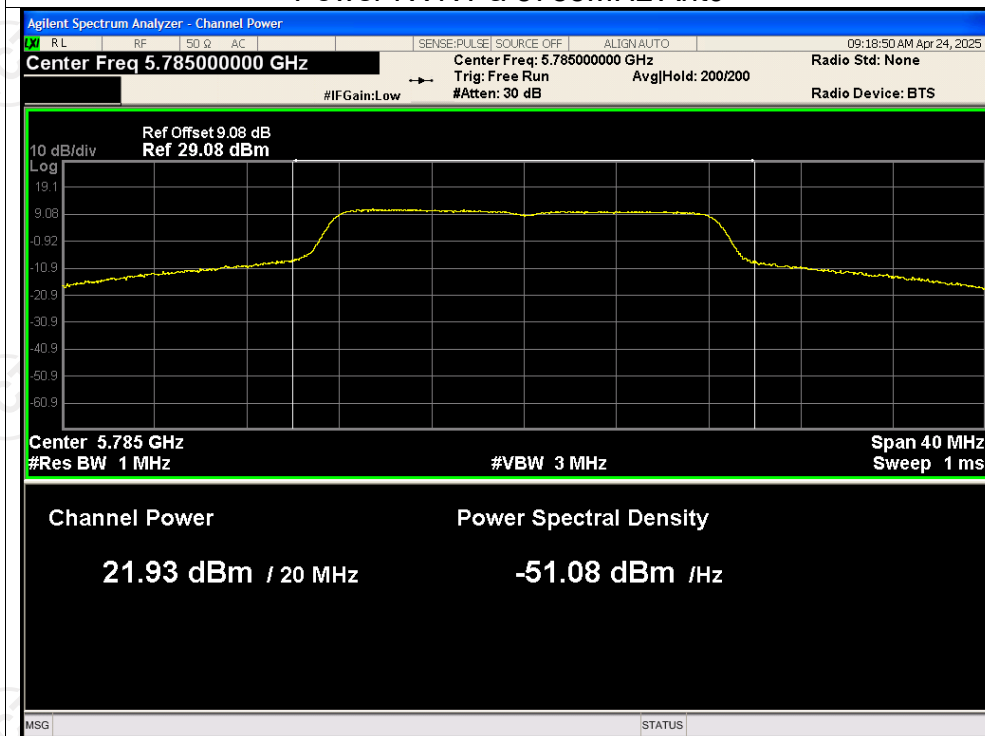


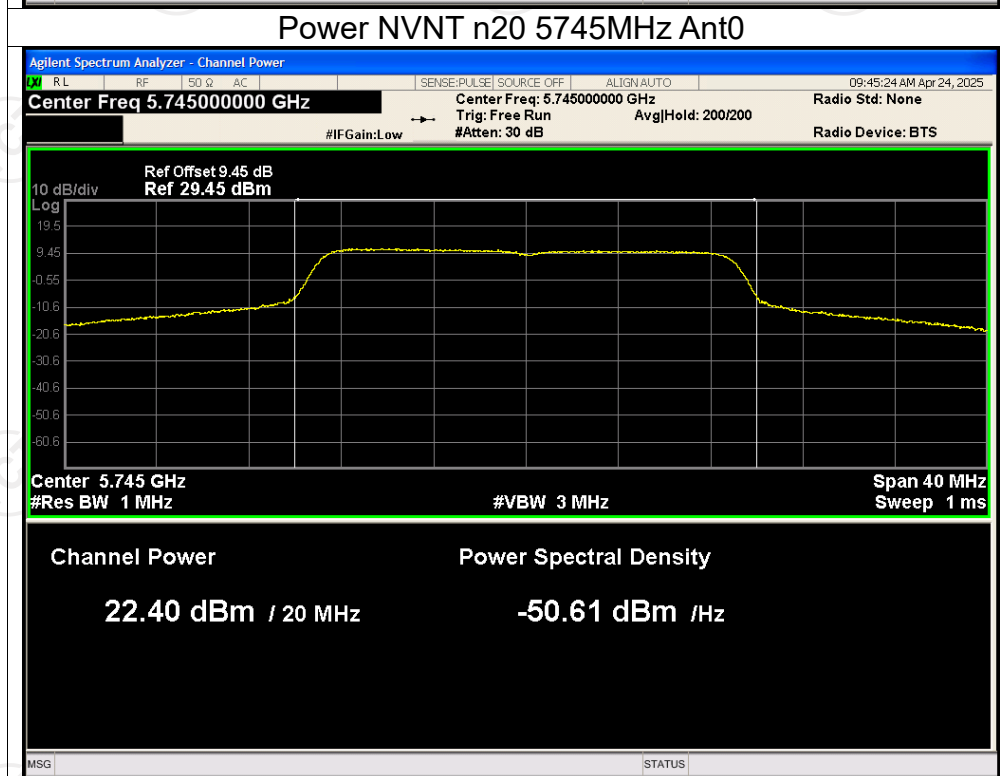
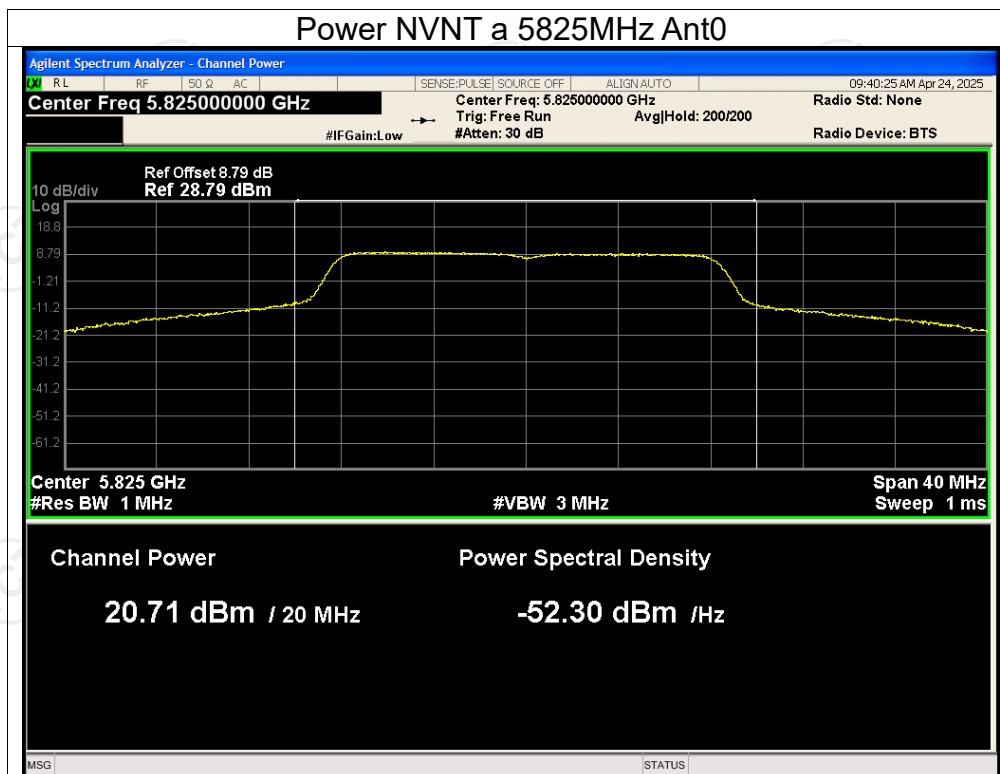
Test Graphs

Power NVNT a 5745MHz Ant0

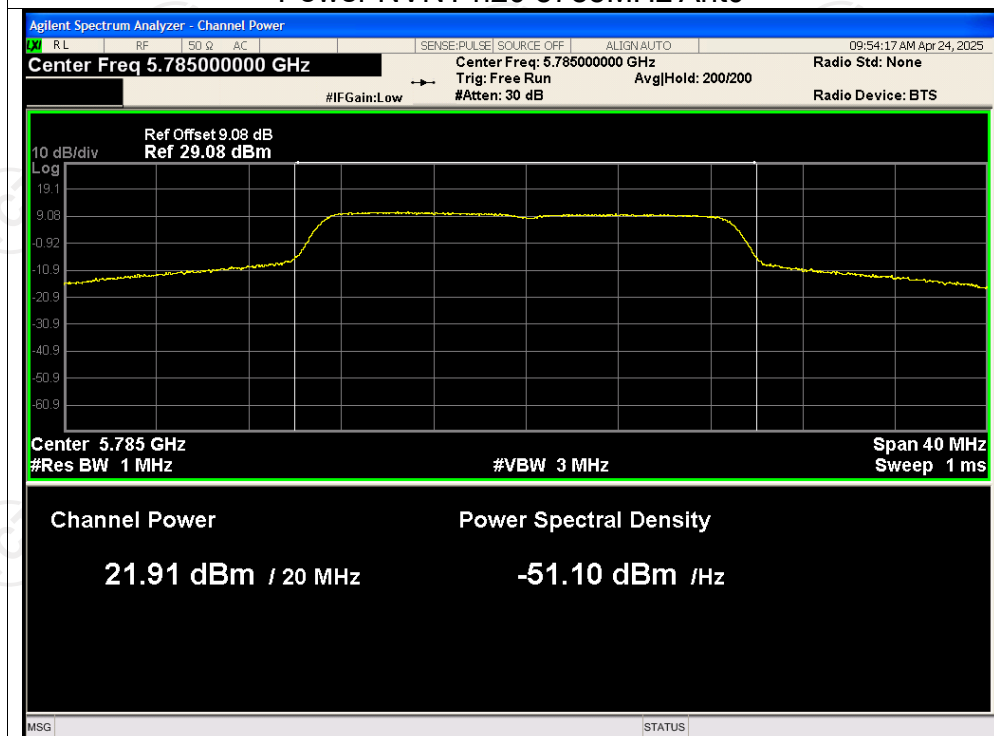


Power NVNT a 5785MHz Ant0

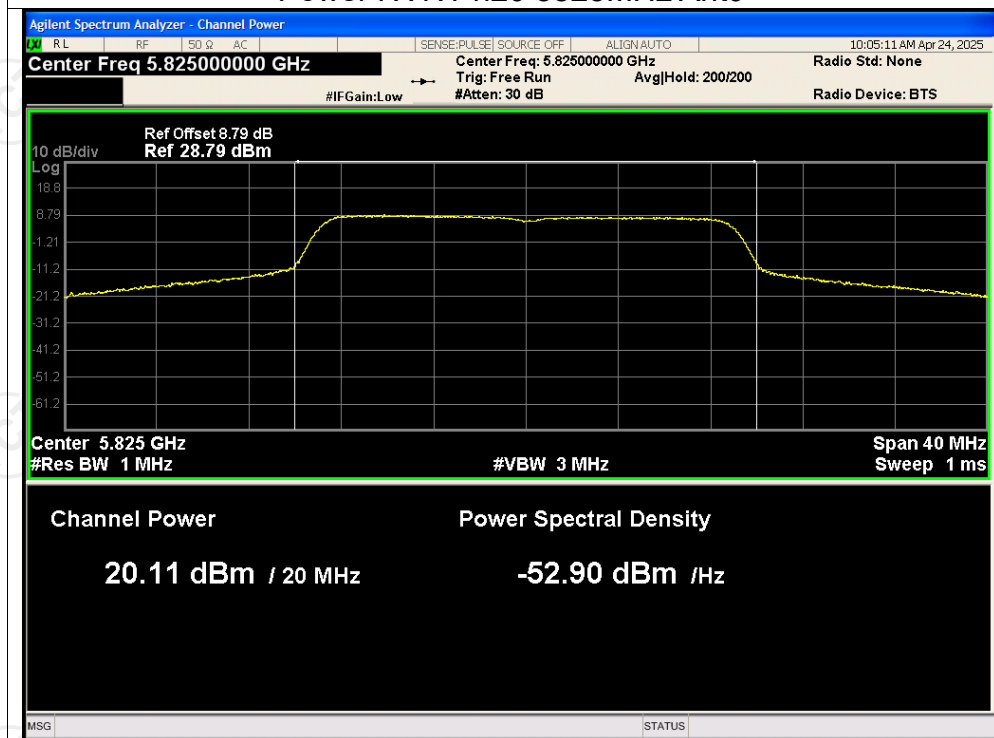




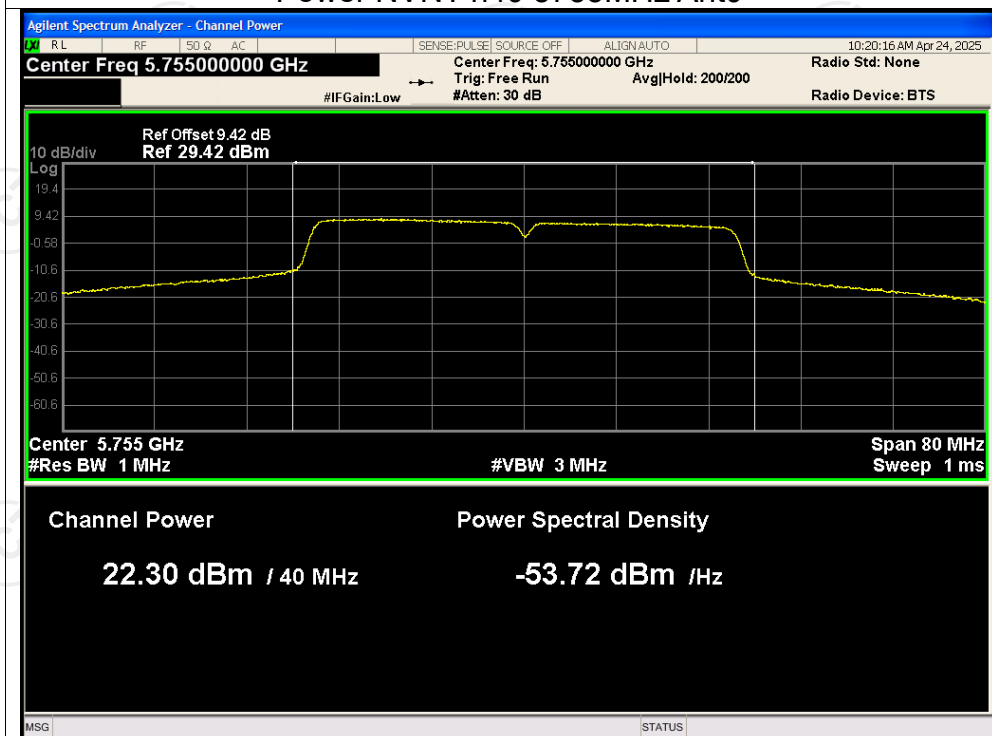
Power NVNT n20 5785MHz Ant0



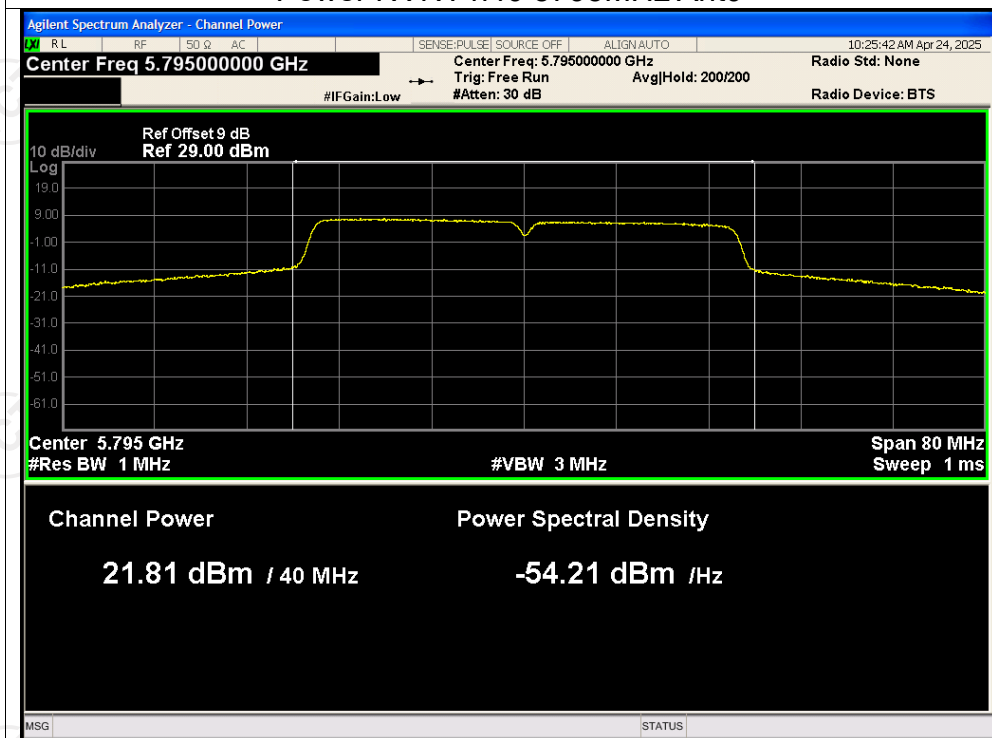
Power NVNT n20 5825MHz Ant0



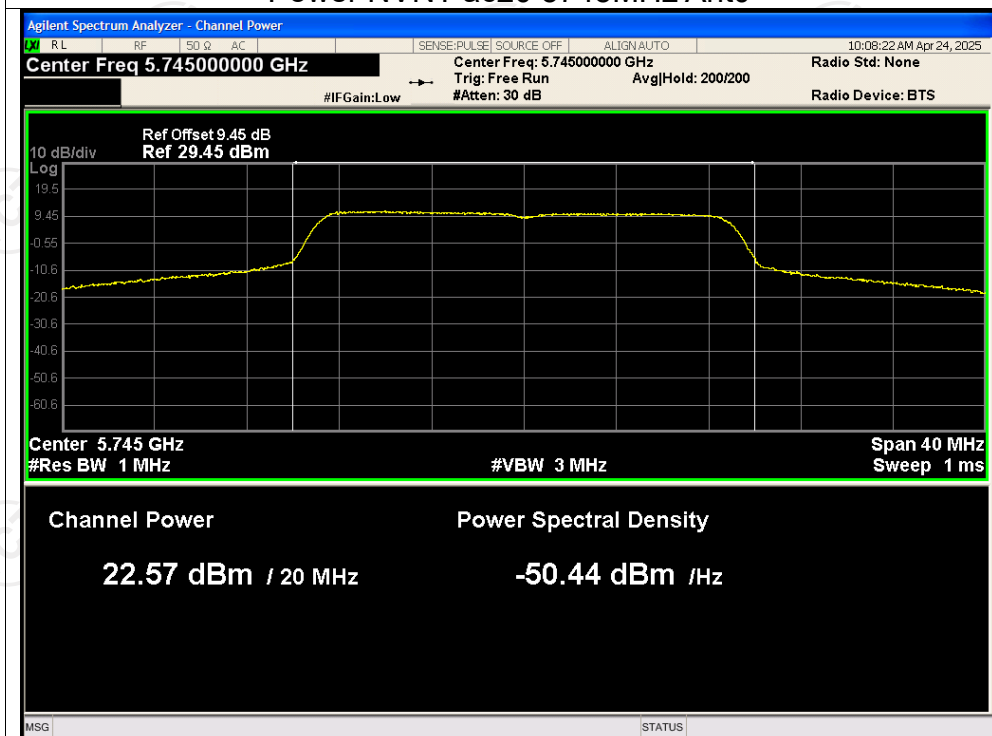
Power NVNT n40 5755MHz Ant0



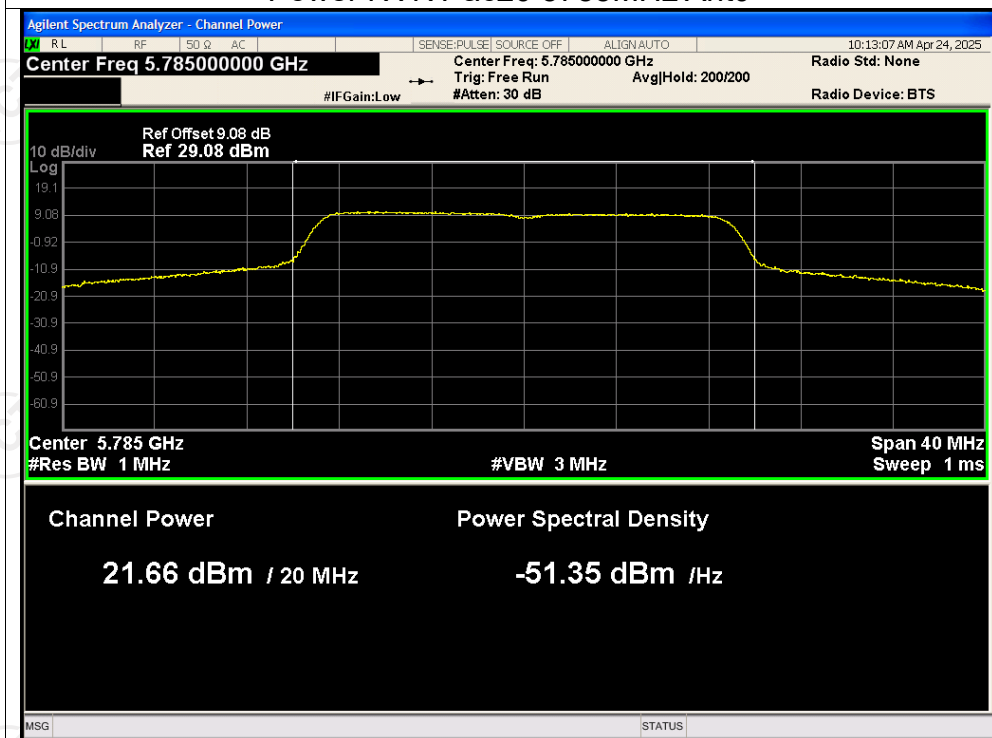
Power NVNT n40 5795MHz Ant0



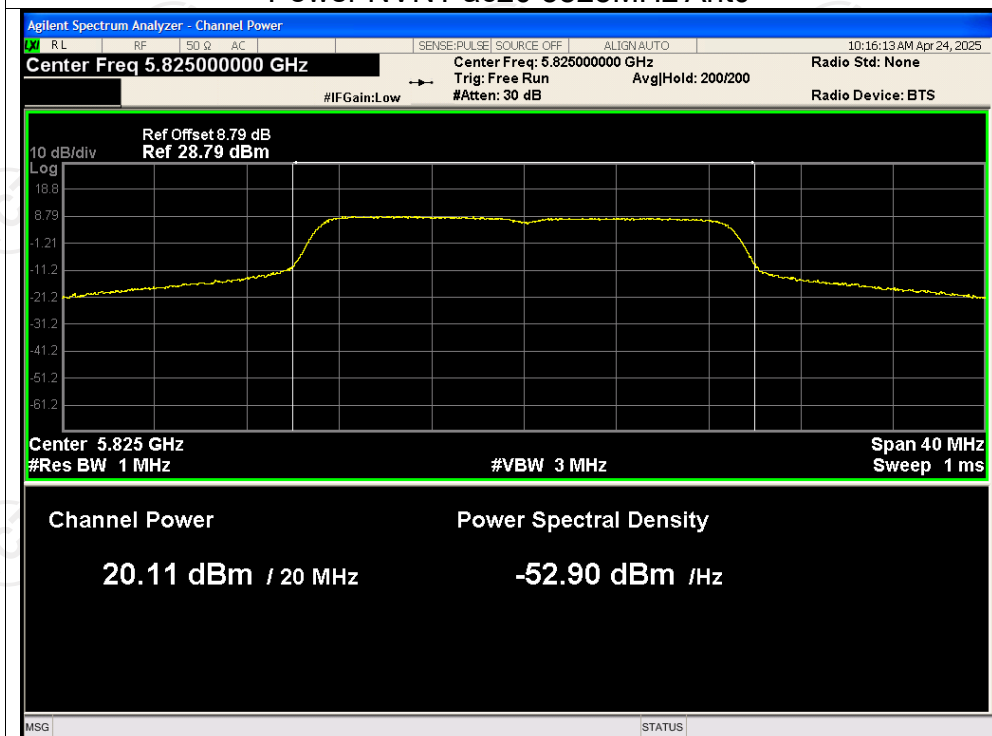
Power NVNT ac20 5745MHz Ant0



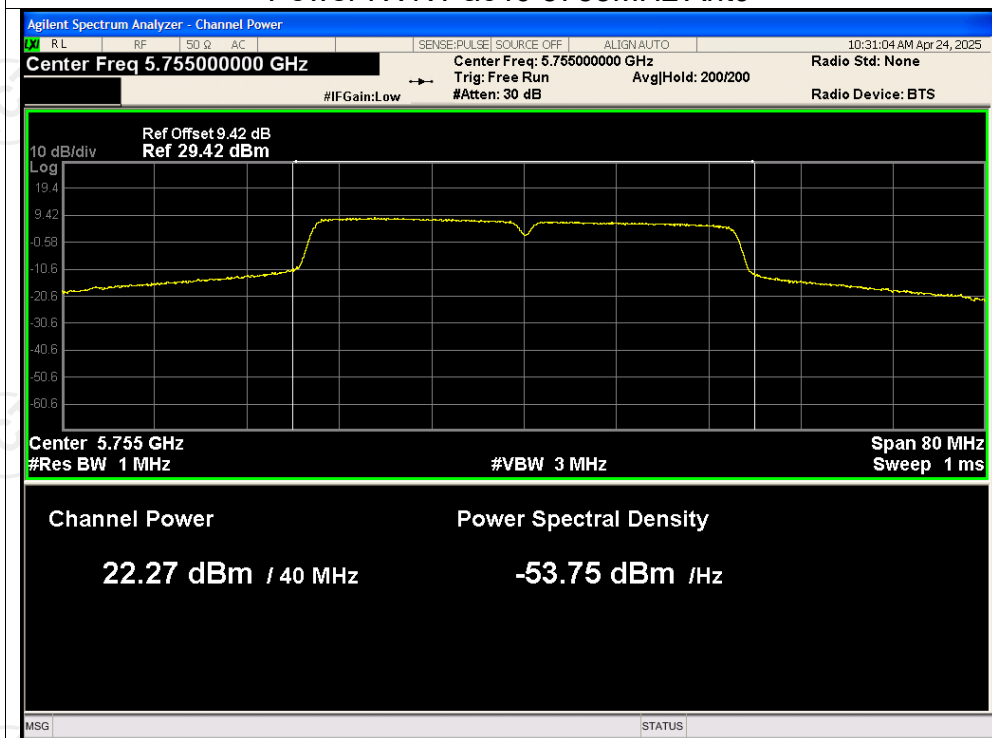
Power NVNT ac20 5785MHz Ant0



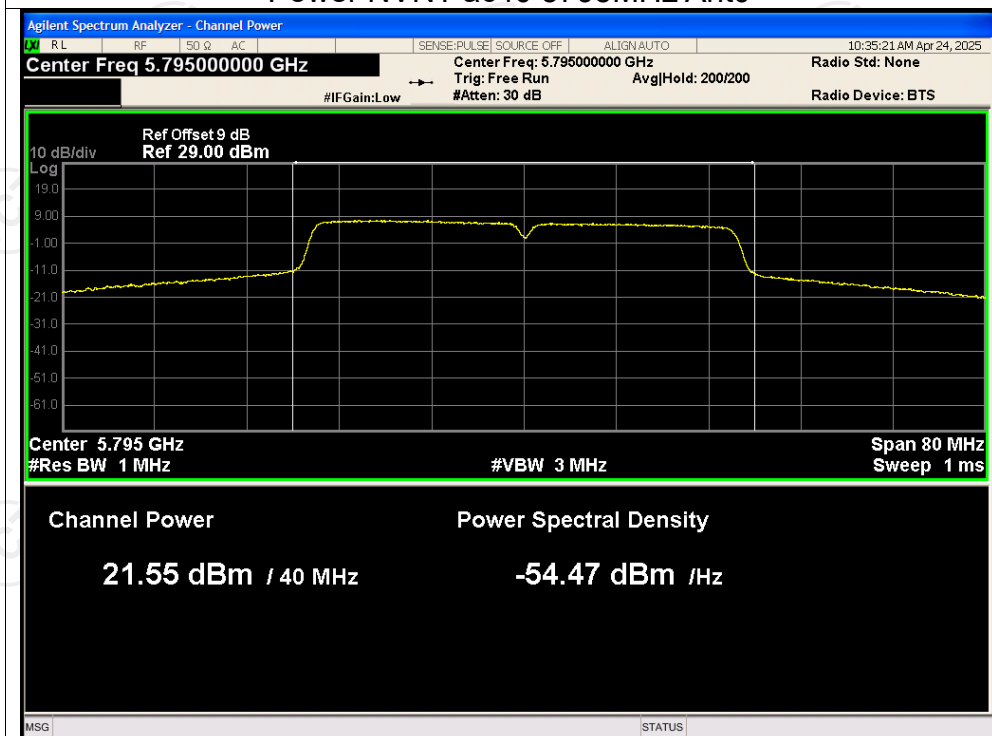
Power NVNT ac20 5825MHz Ant0



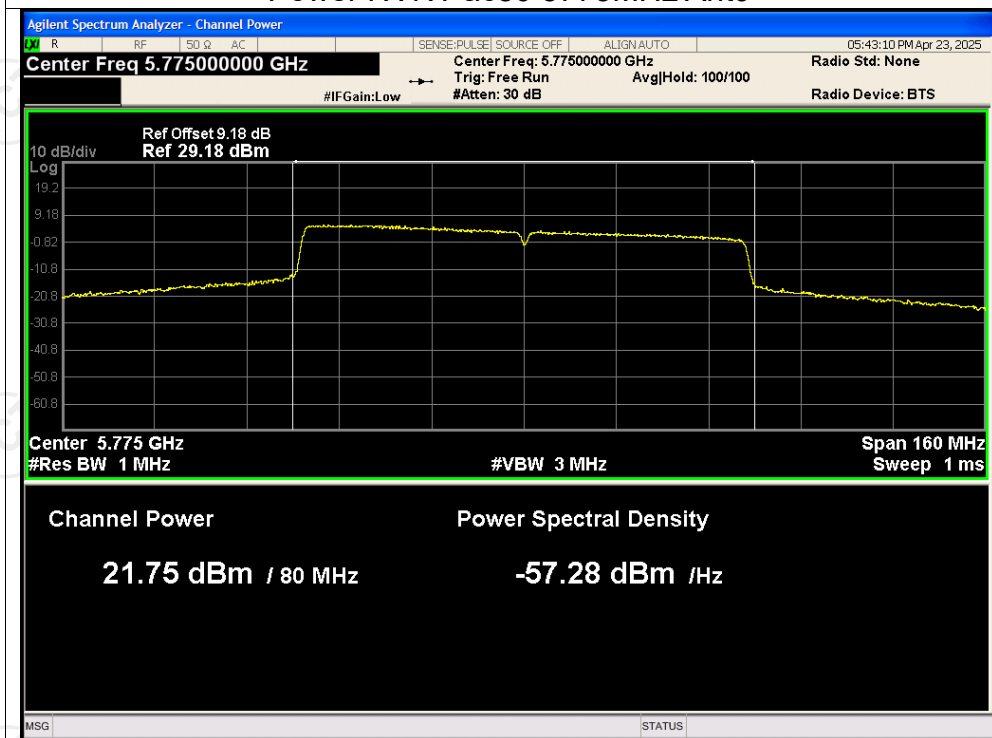
Power NVNT ac40 5755MHz Ant0



Power NVNT ac40 5795MHz Ant0



Power NVNT ac80 5775MHz Ant0

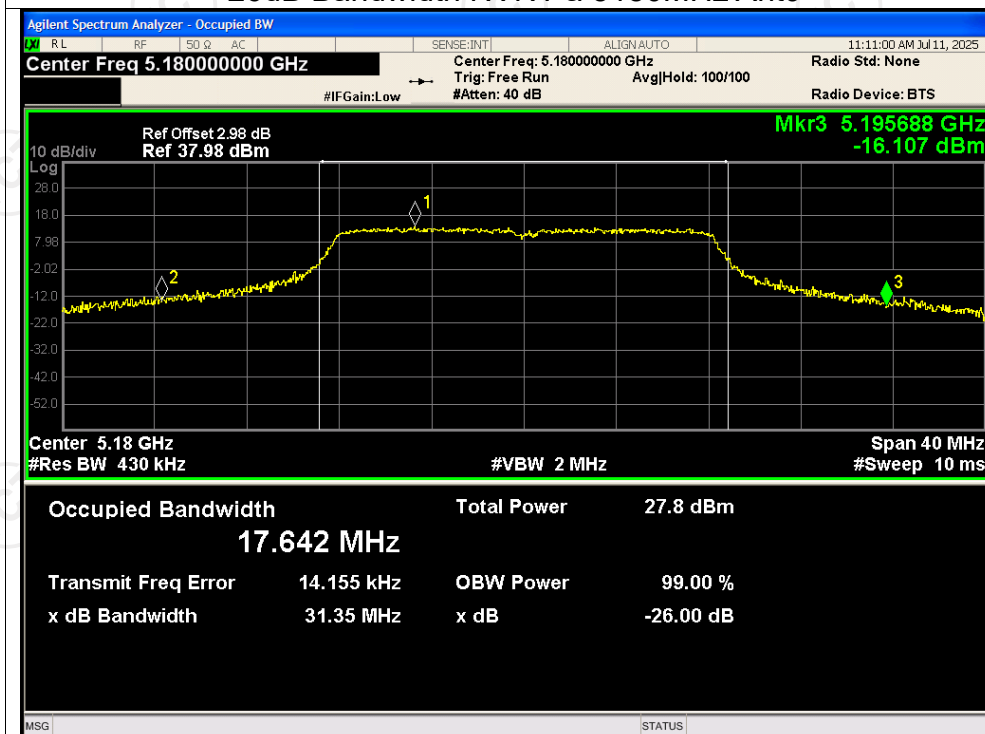


-26dB Bandwidth

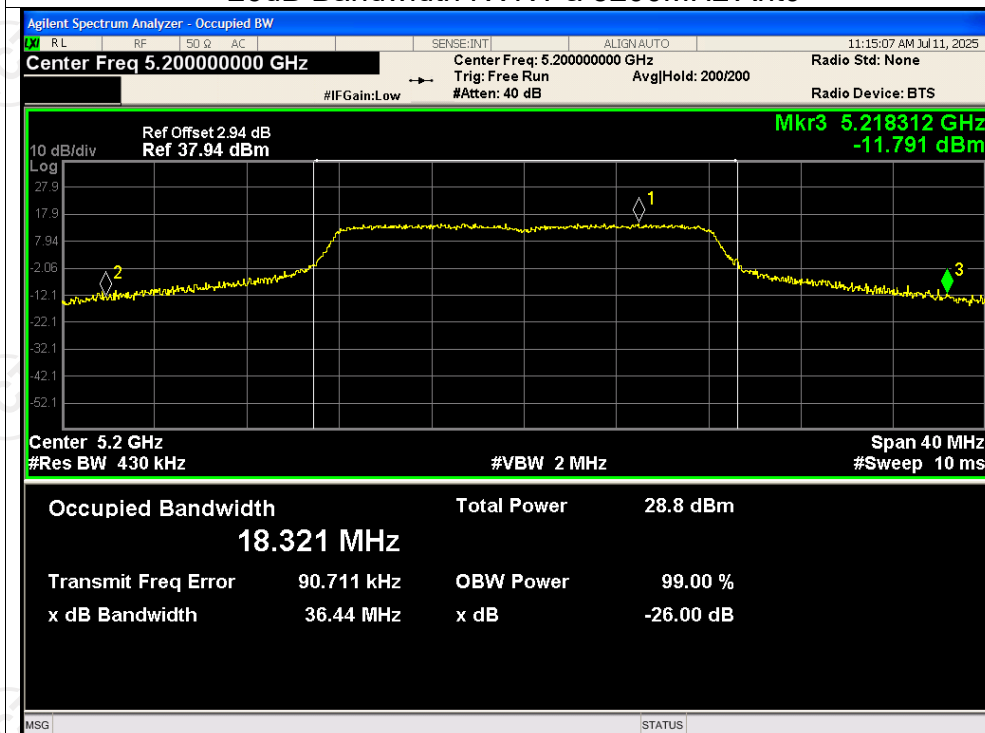
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant0	31.35	Pass
NVNT	a	5200	Ant0	36.44	Pass
NVNT	a	5240	Ant0	35.35	Pass
NVNT	n20	5180	Ant0	37.82	Pass
NVNT	n20	5200	Ant0	37.98	Pass
NVNT	n20	5240	Ant0	37.41	Pass
NVNT	n40	5190	Ant0	46.41	Pass
NVNT	n40	5230	Ant0	46.34	Pass
NVNT	ac20	5180	Ant0	38.75	Pass
NVNT	ac20	5200	Ant0	37.60	Pass
NVNT	ac20	5240	Ant0	36.67	Pass
NVNT	ac40	5190	Ant0	46.90	Pass
NVNT	ac40	5230	Ant0	47.16	Pass
NVNT	ac80	5210	Ant0	95.54	Pass

Test Graphs

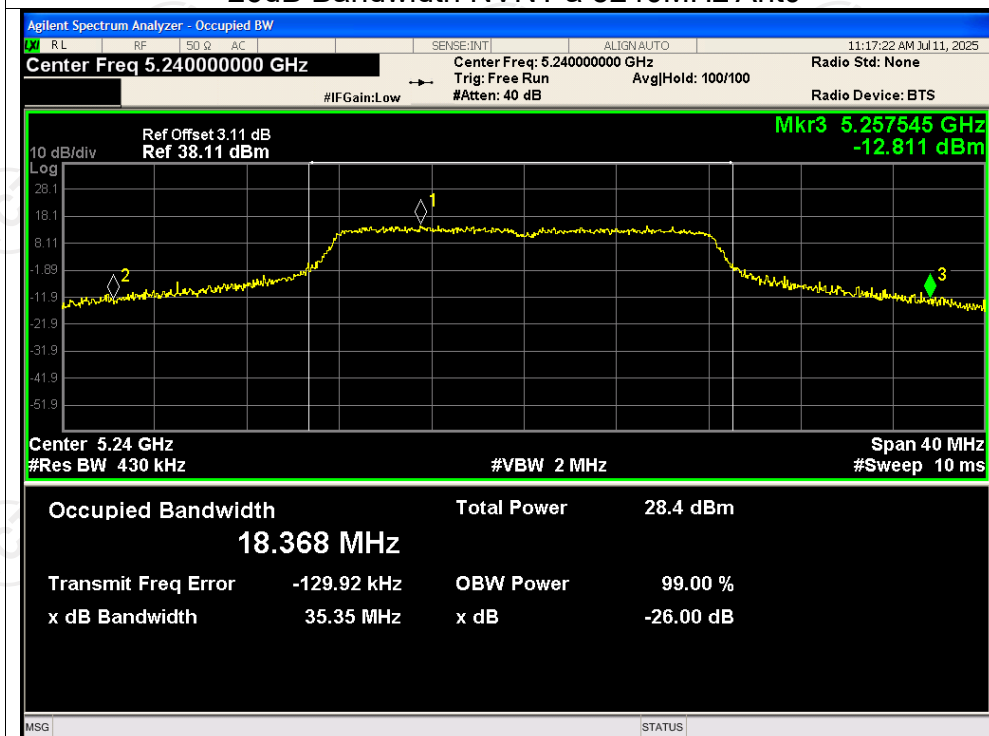
-26dB Bandwidth NVNT a 5180MHz Ant0



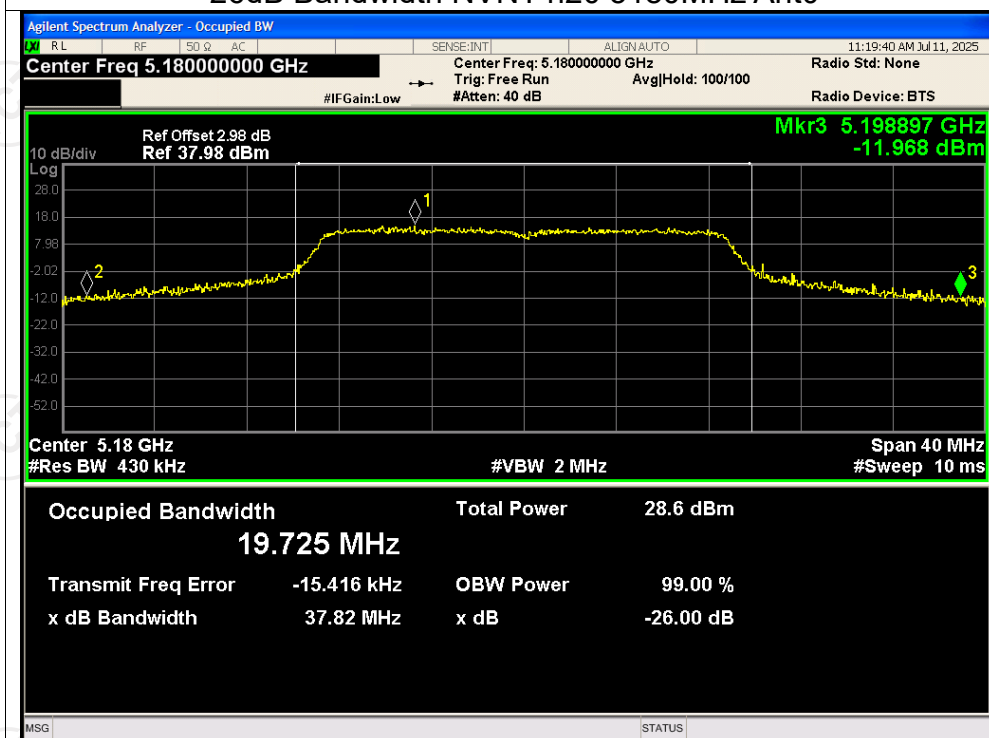
-26dB Bandwidth NVNT a 5200MHz Ant0

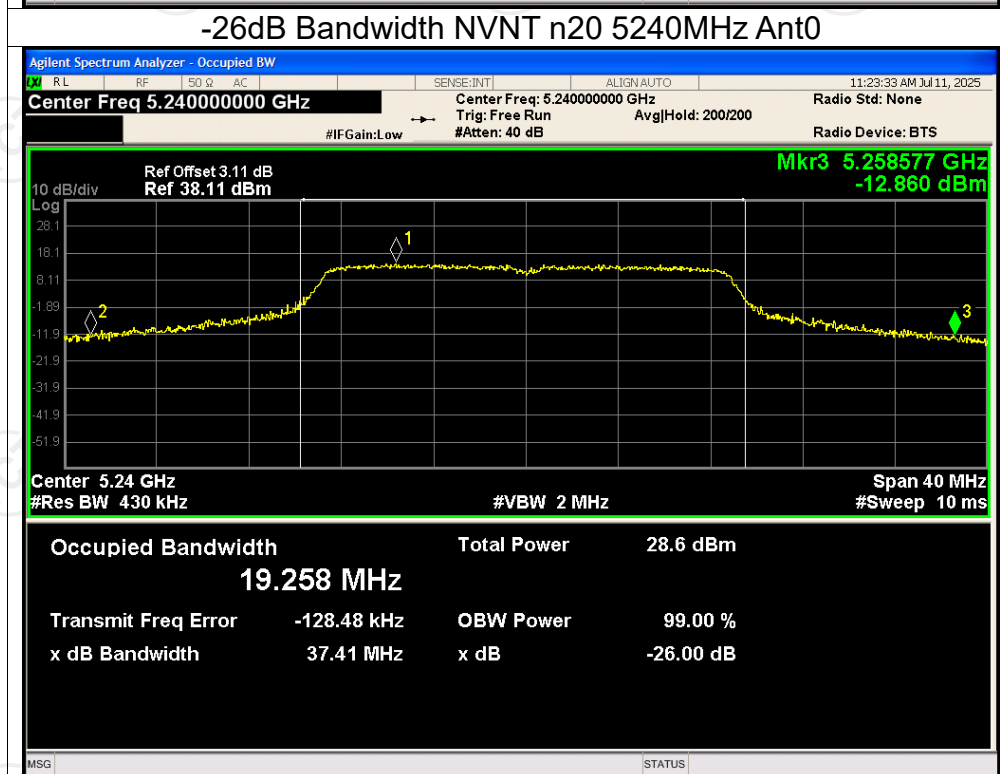
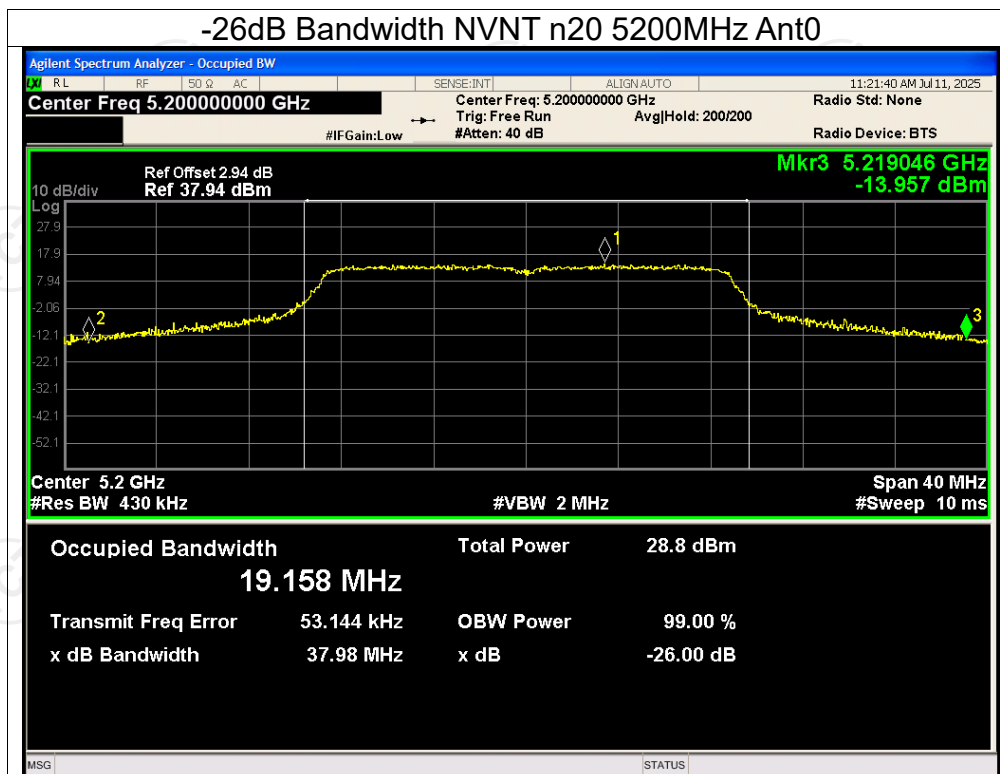


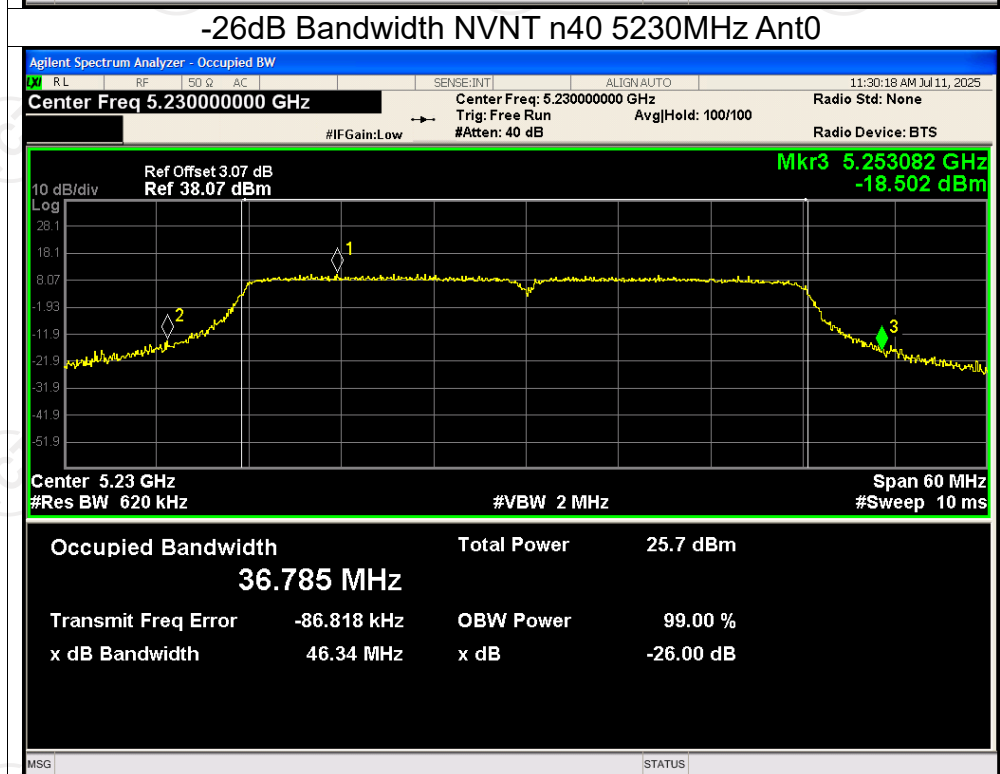
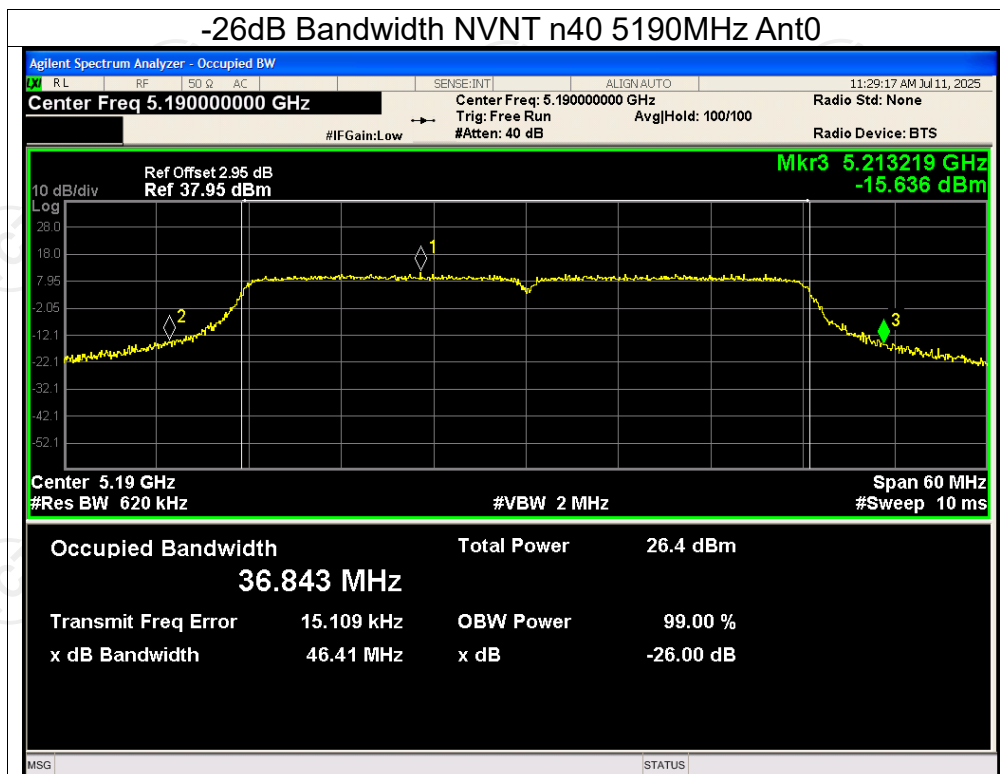
-26dB Bandwidth NVNT a 5240MHz Ant0

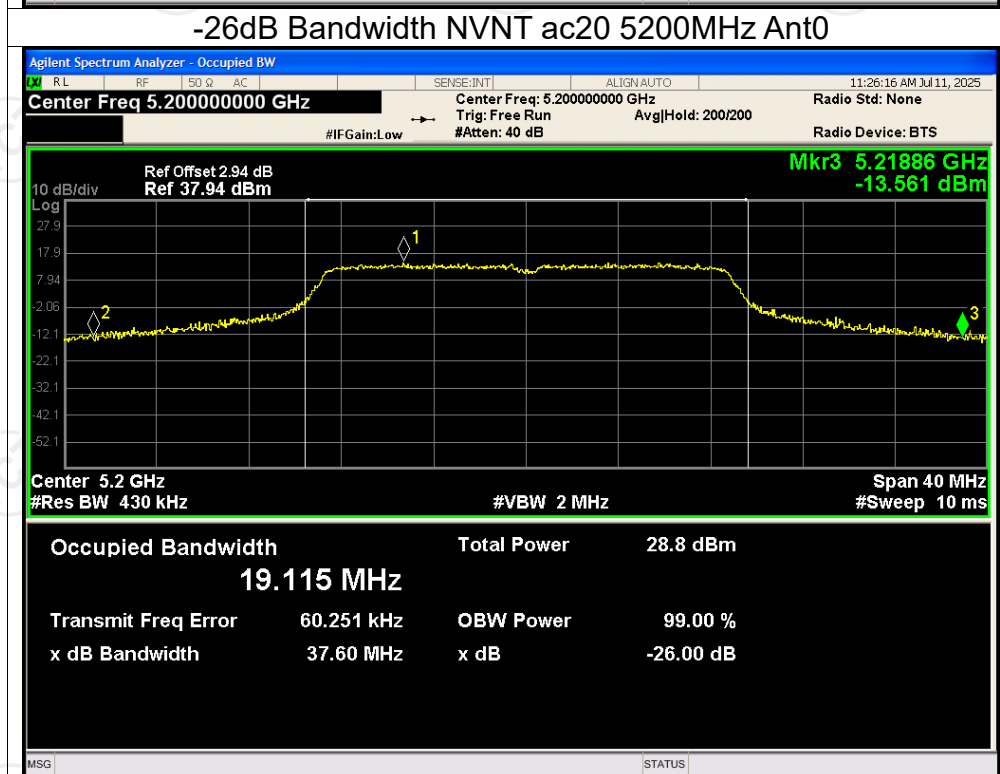
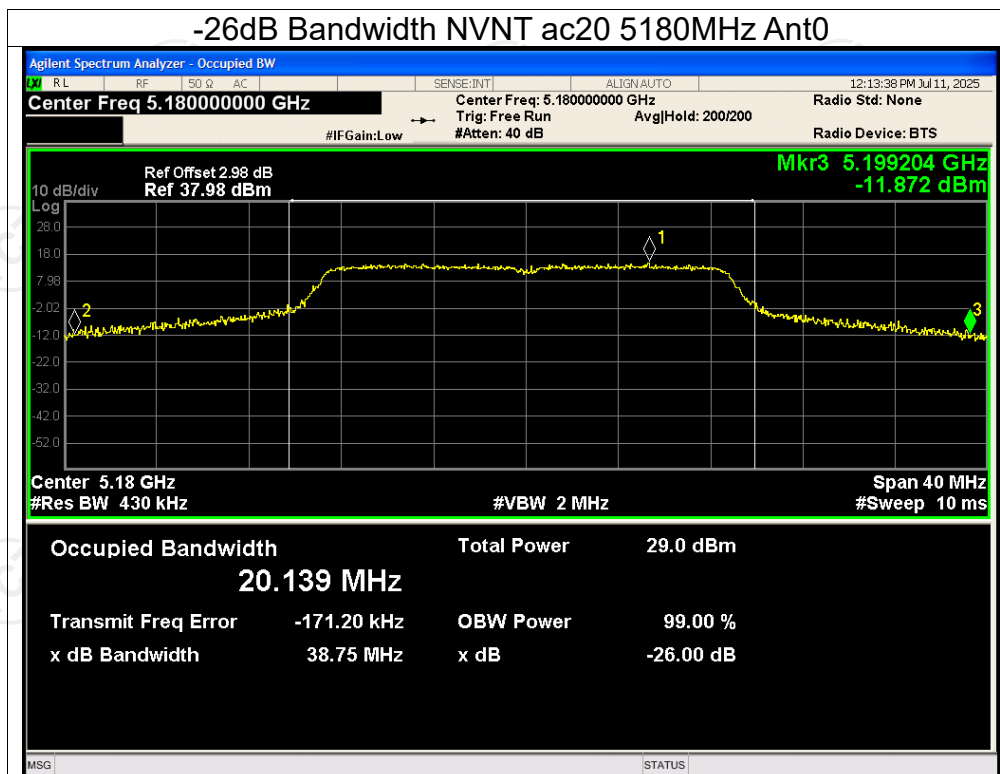


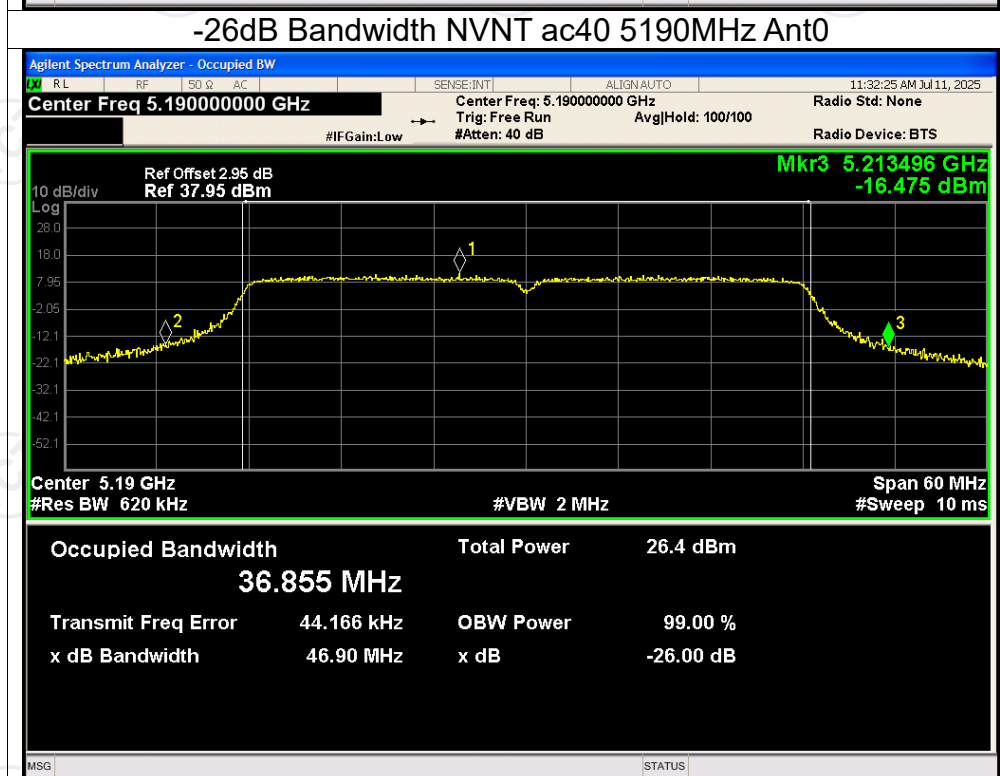
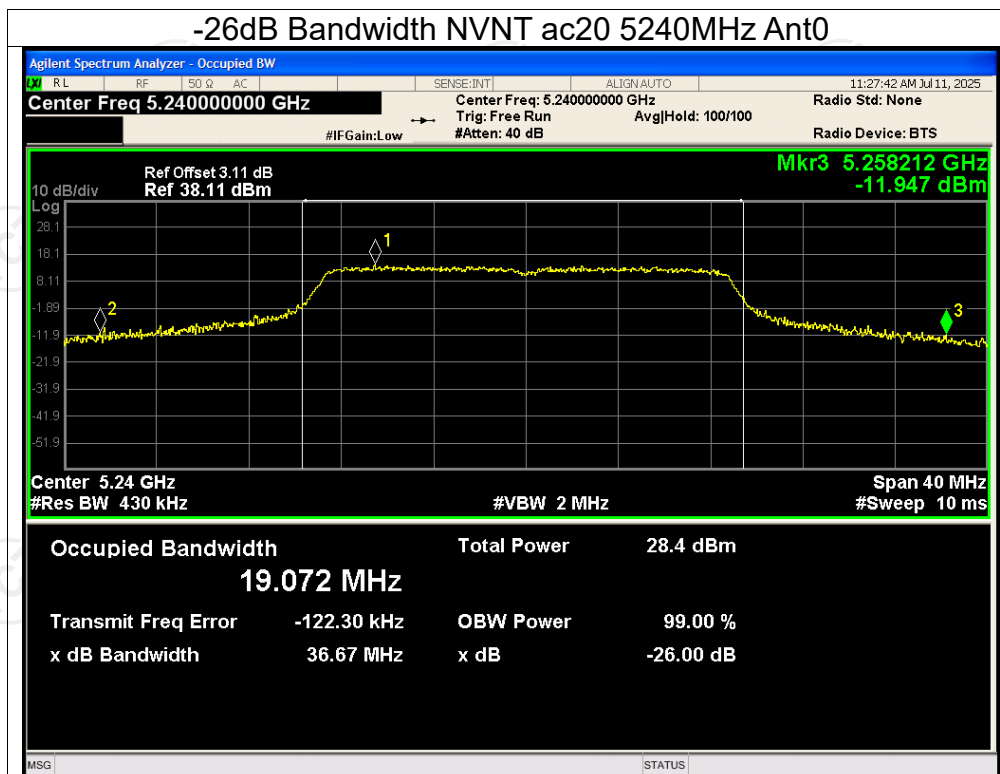
-26dB Bandwidth NVNT n20 5180MHz Ant0

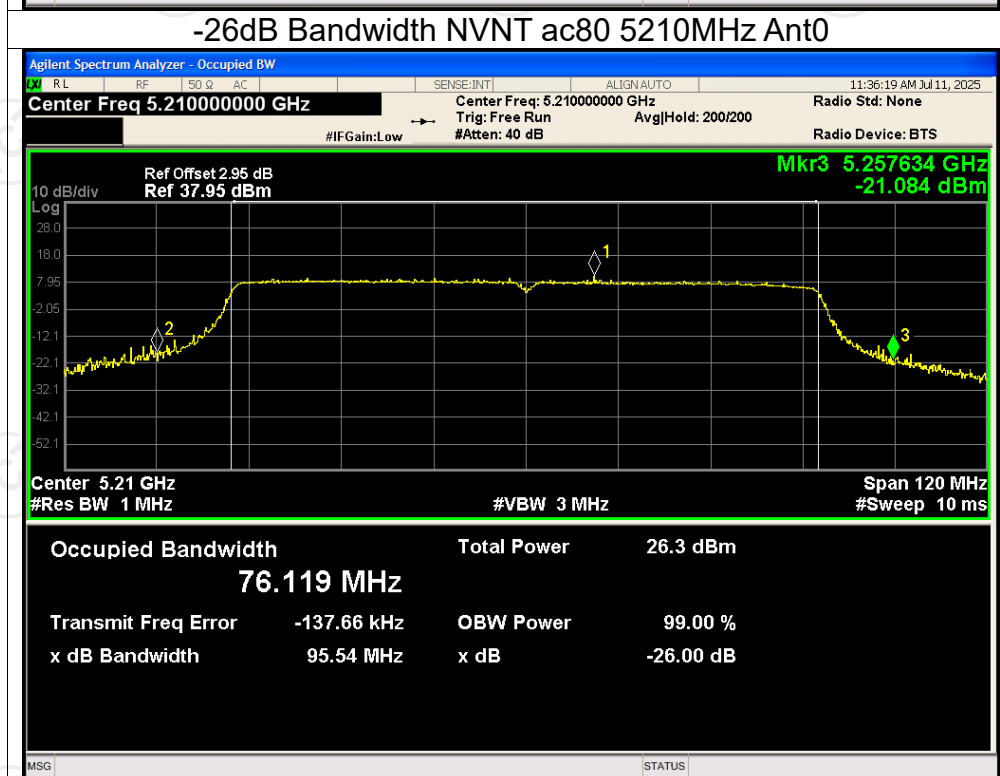
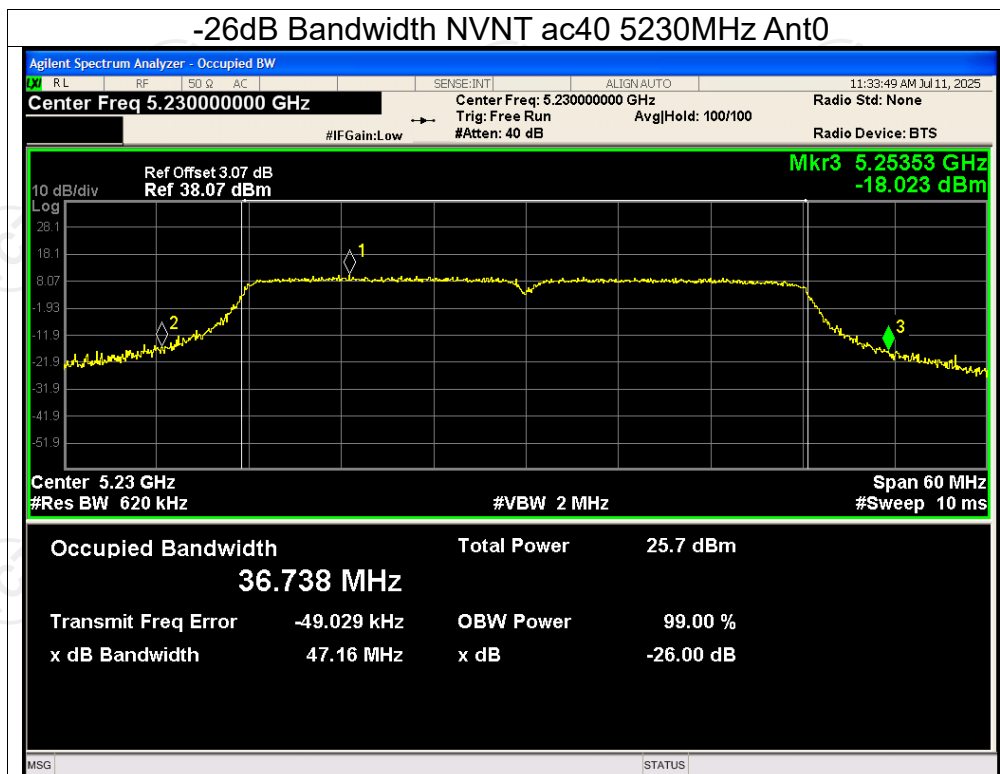










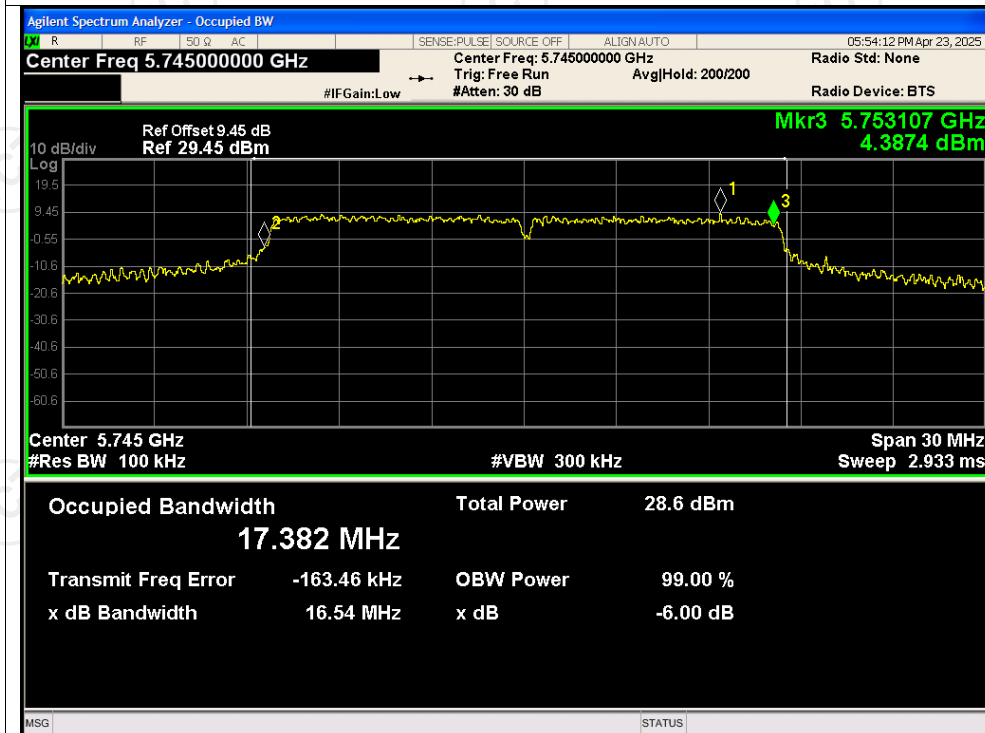


-6dB Bandwidth

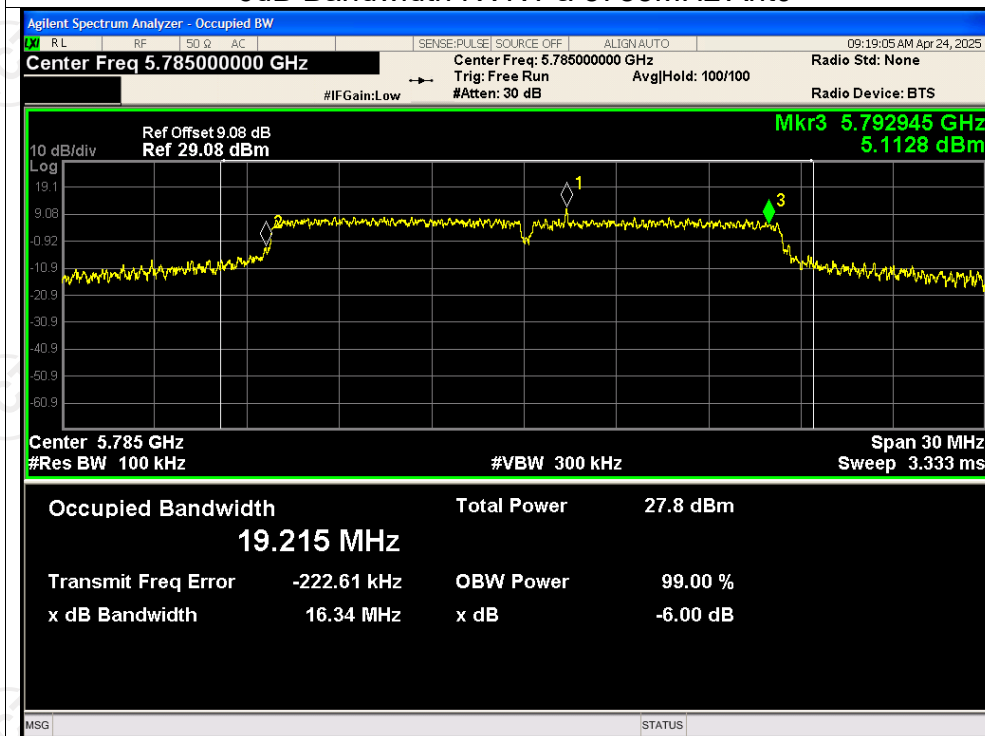
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant0	16.54	0.5	Pass
NVNT	a	5785	Ant0	16.34	0.5	Pass
NVNT	a	5825	Ant0	16.37	0.5	Pass
NVNT	n20	5745	Ant0	17.60	0.5	Pass
NVNT	n20	5785	Ant0	17.61	0.5	Pass
NVNT	n20	5825	Ant0	17.58	0.5	Pass
NVNT	n40	5755	Ant0	36.48	0.5	Pass
NVNT	n40	5795	Ant0	34.19	0.5	Pass
NVNT	ac20	5745	Ant0	17.69	0.5	Pass
NVNT	ac20	5785	Ant0	17.63	0.5	Pass
NVNT	ac20	5825	Ant0	17.24	0.5	Pass
NVNT	ac40	5755	Ant0	36.46	0.5	Pass
NVNT	ac40	5795	Ant0	36.41	0.5	Pass
NVNT	ac80	5775	Ant0	55.69	0.5	Pass

Test Graphs

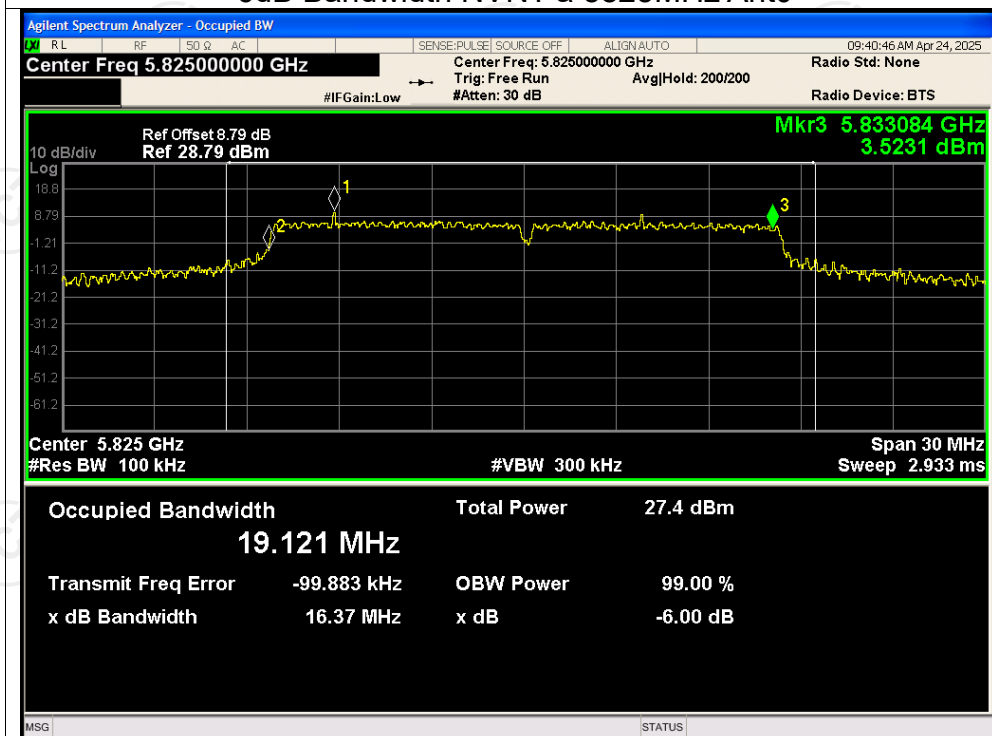
-6dB Bandwidth NVNT a 5745MHz Ant0



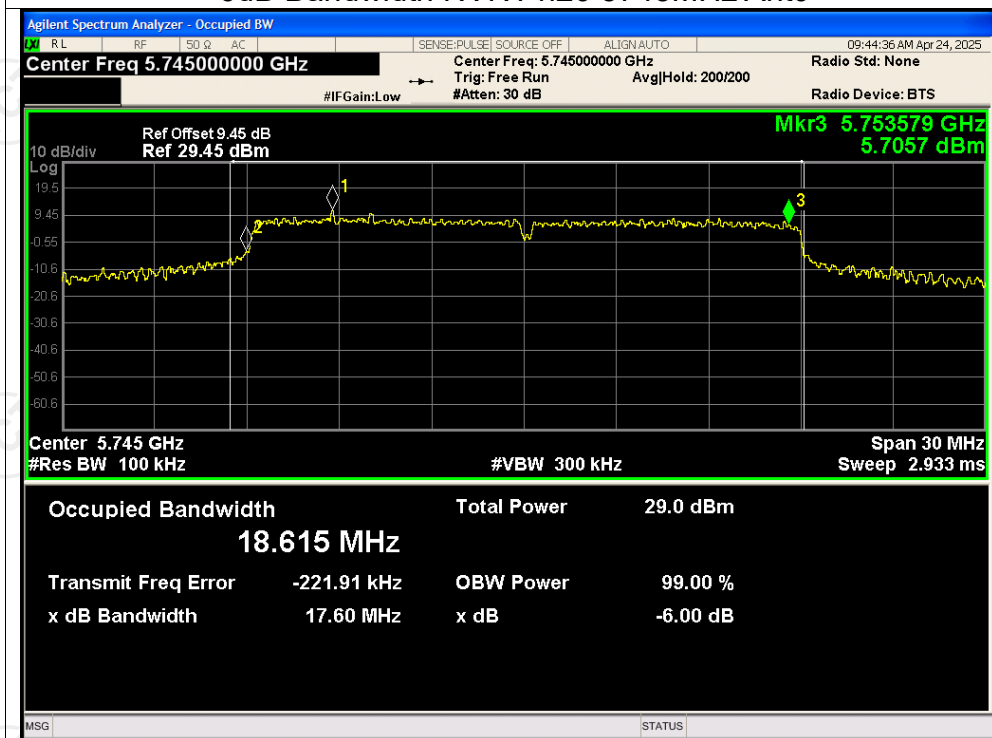
-6dB Bandwidth NVNT a 5785MHz Ant0



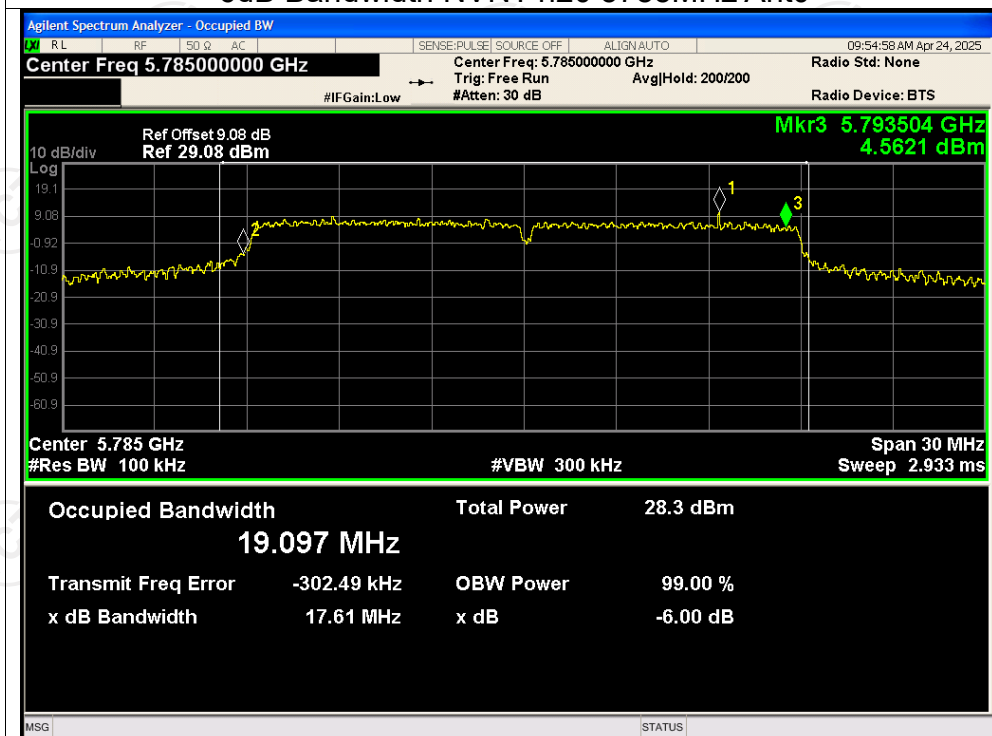
-6dB Bandwidth NVNT a 5825MHz Ant0



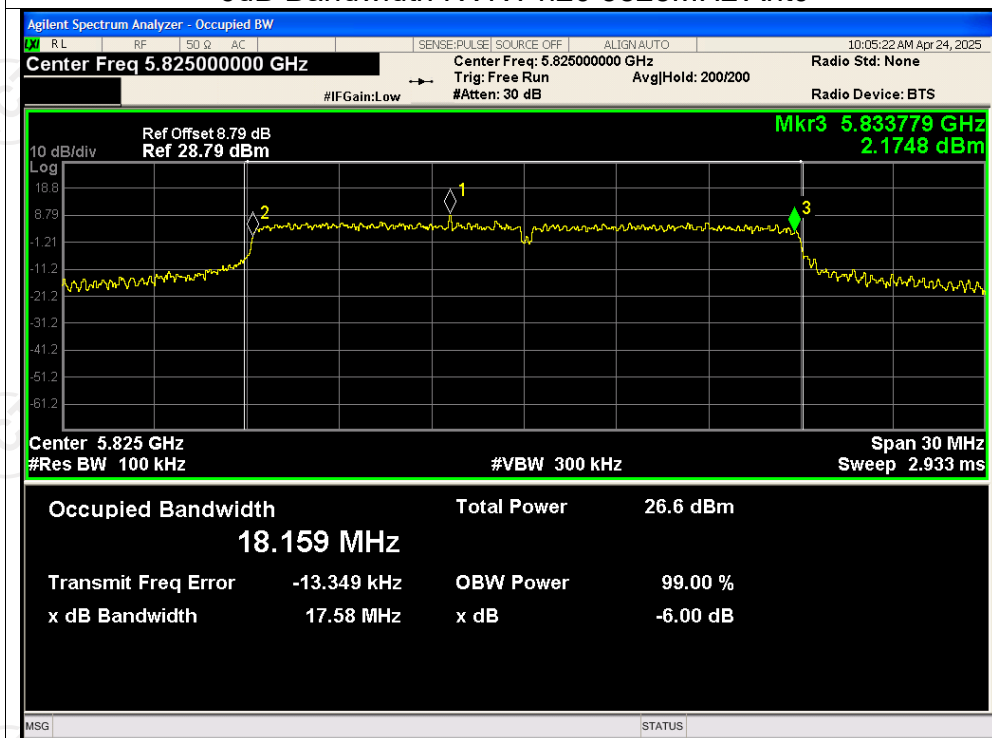
-6dB Bandwidth NVNT n20 5745MHz Ant0

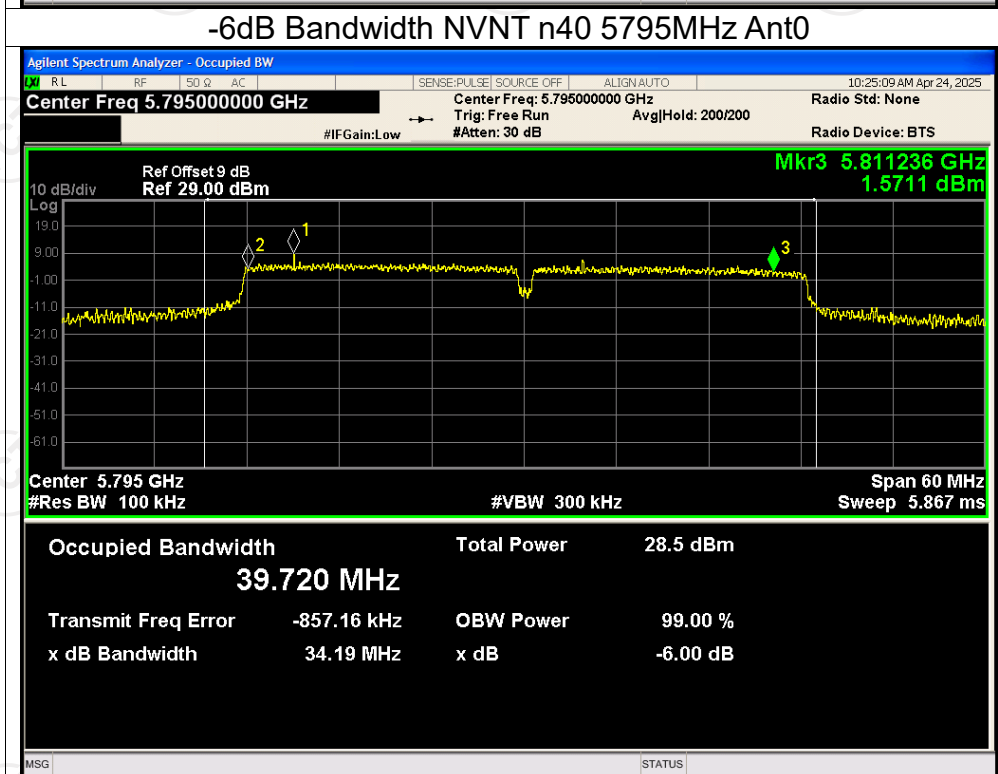
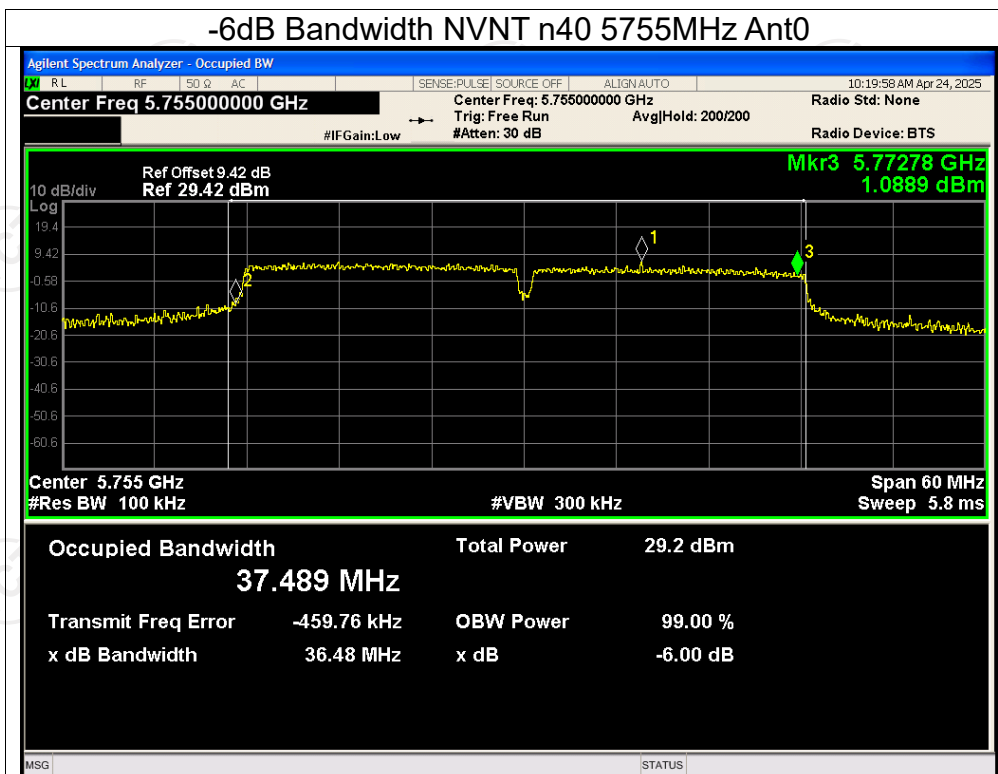


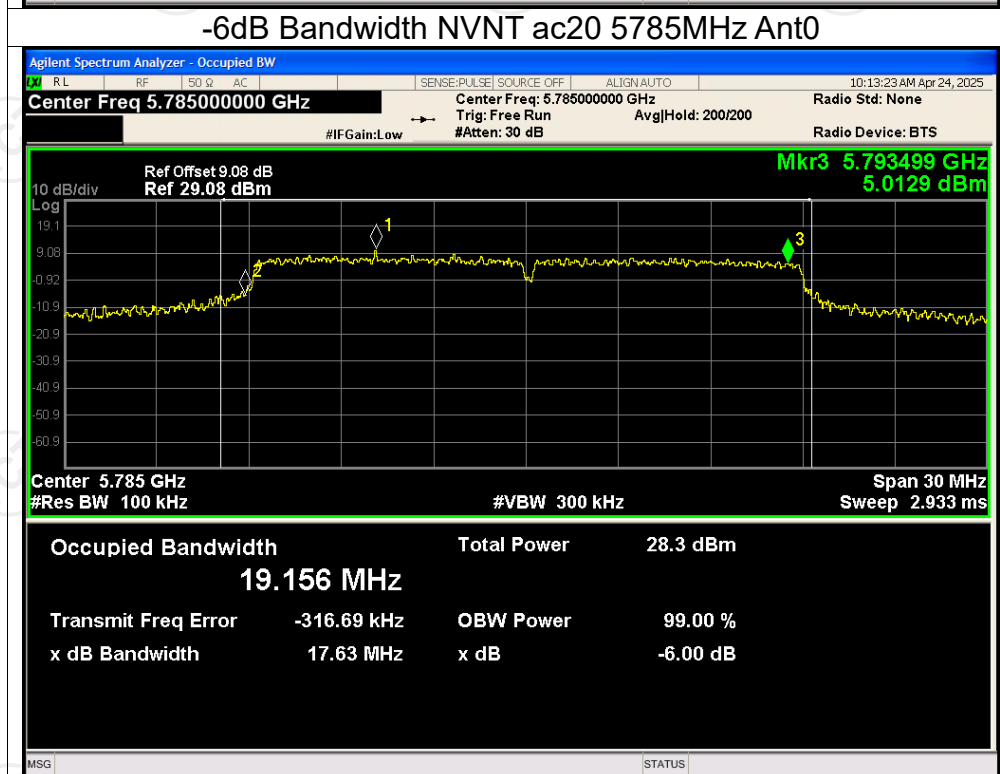
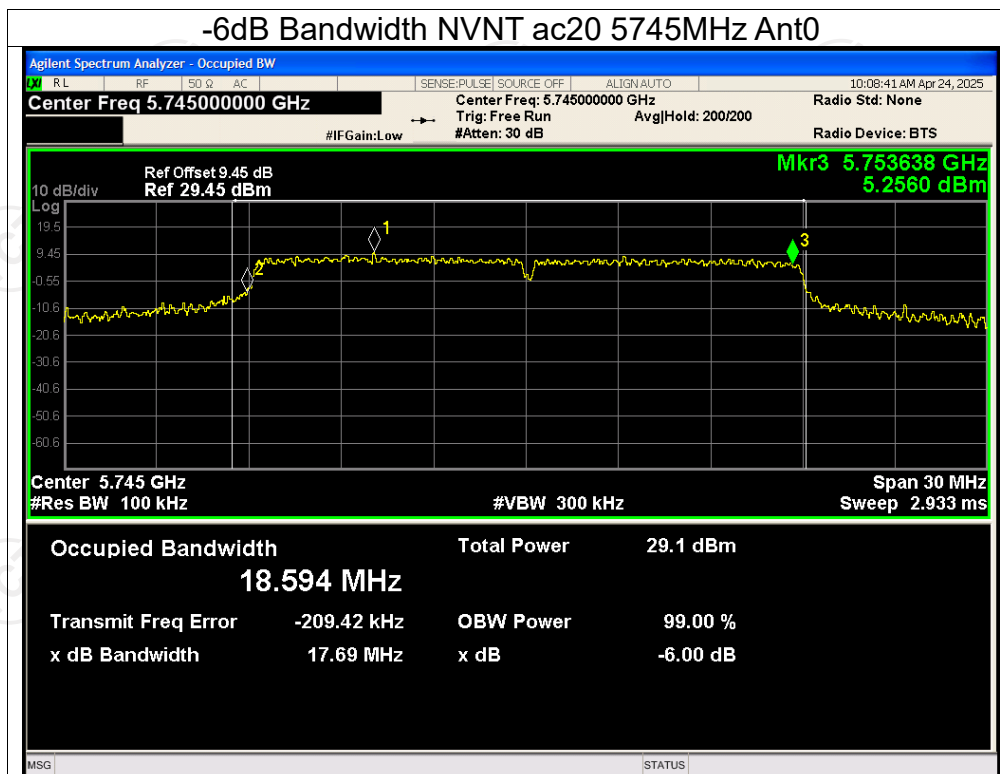
-6dB Bandwidth NVNT n20 5785MHz Ant0

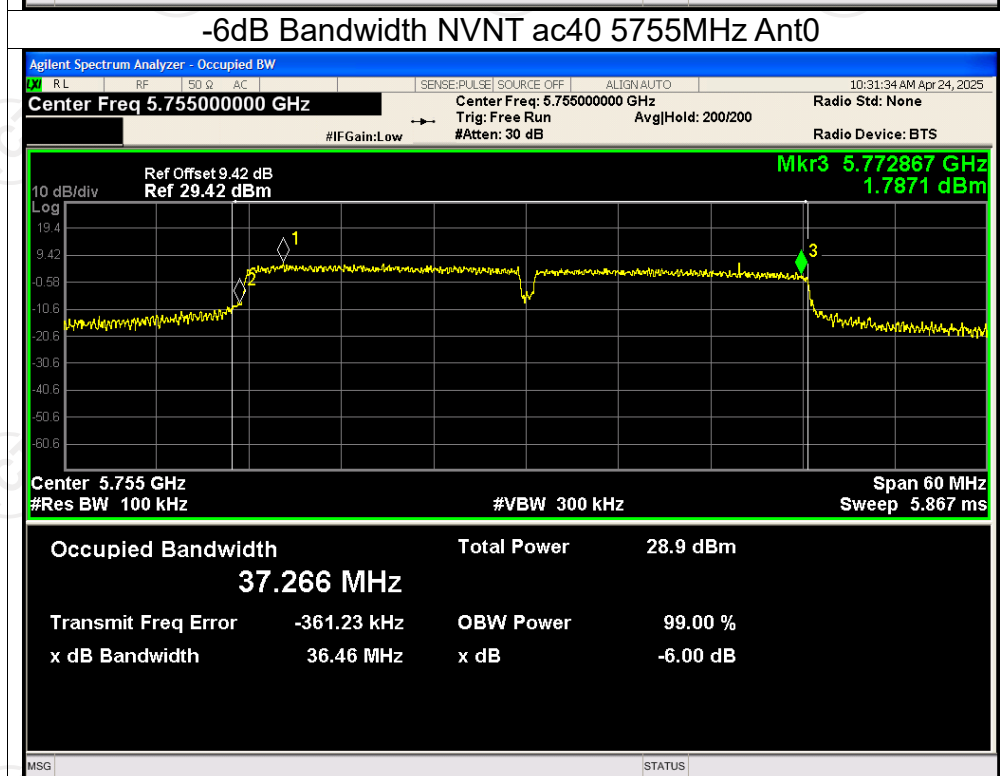
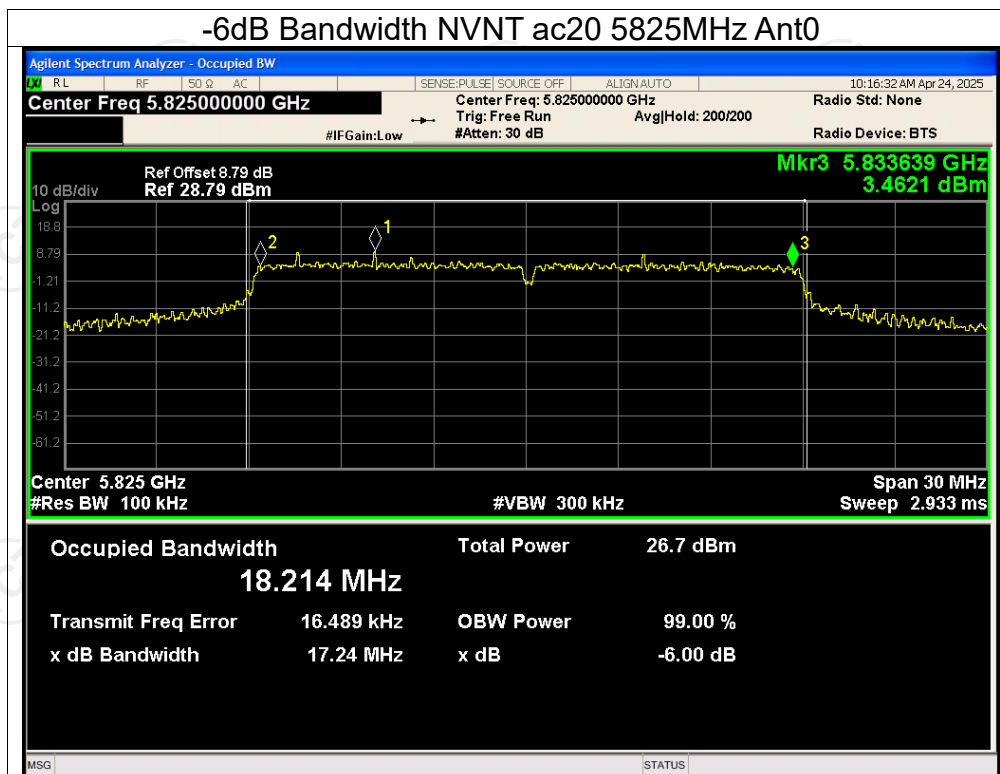


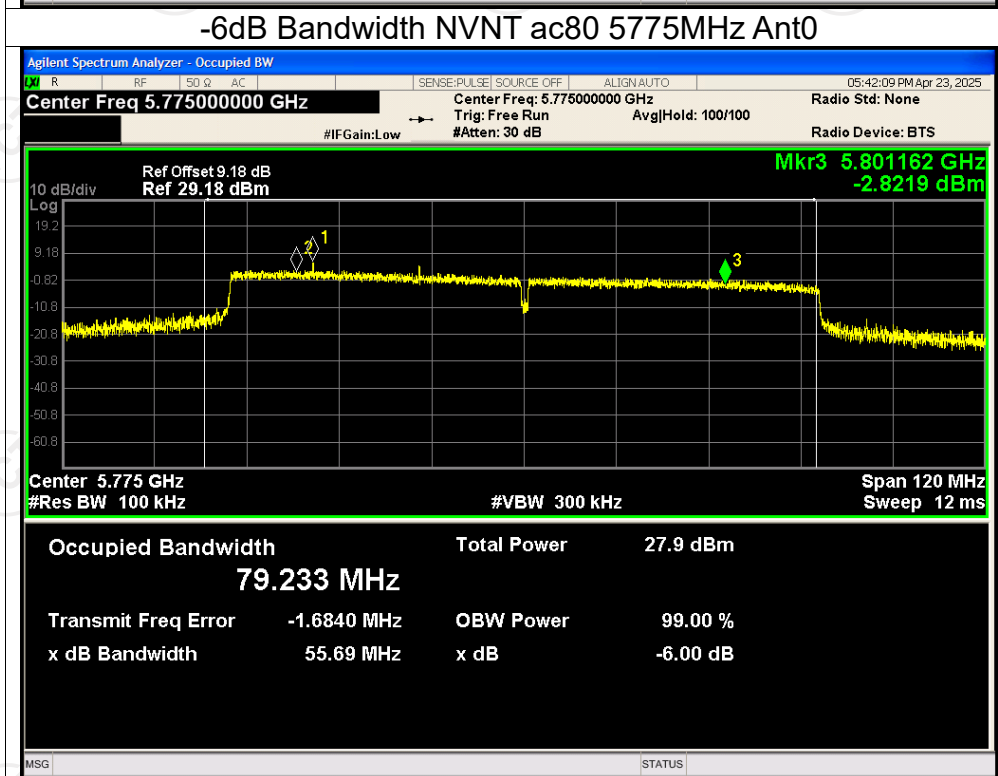
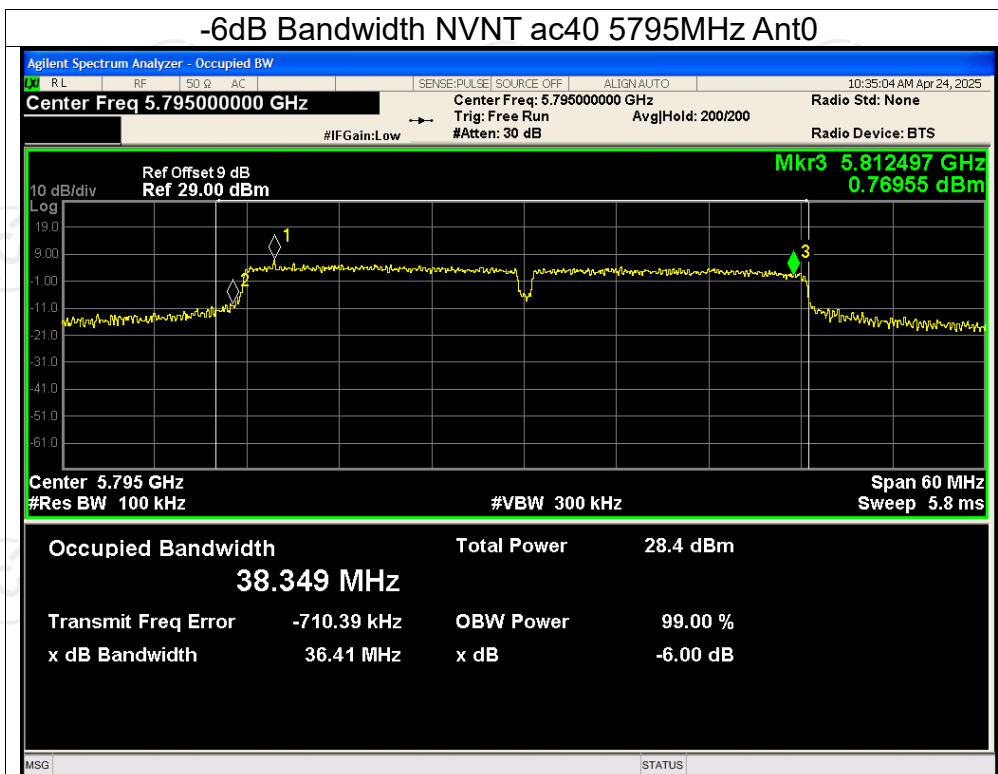
-6dB Bandwidth NVNT n20 5825MHz Ant0









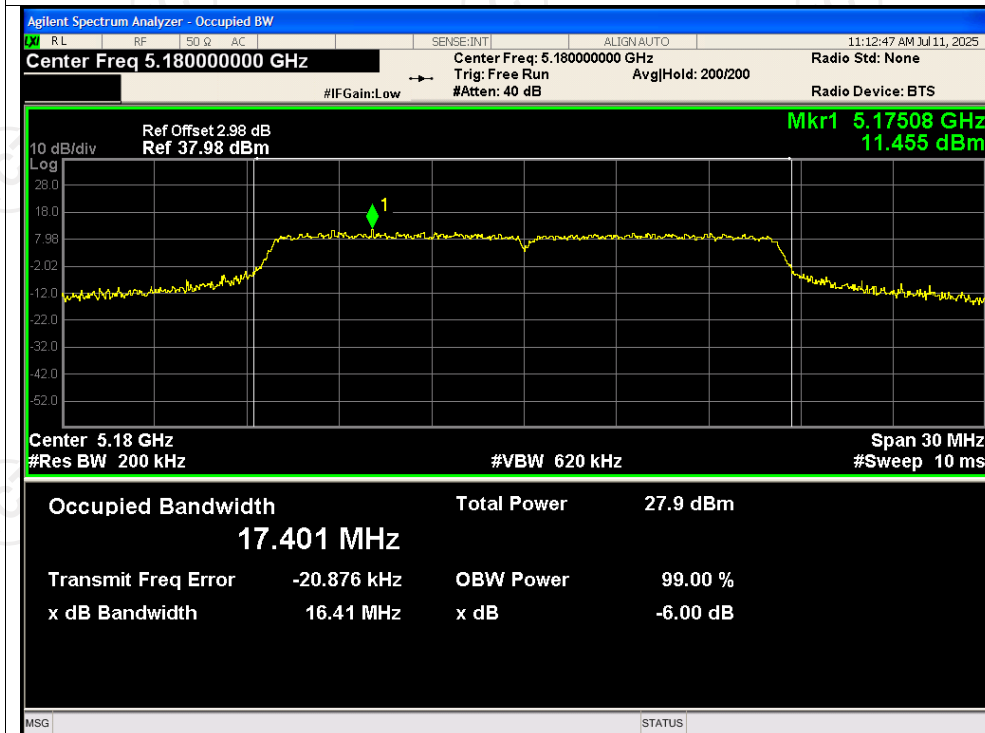


Occupied Channel Bandwidth

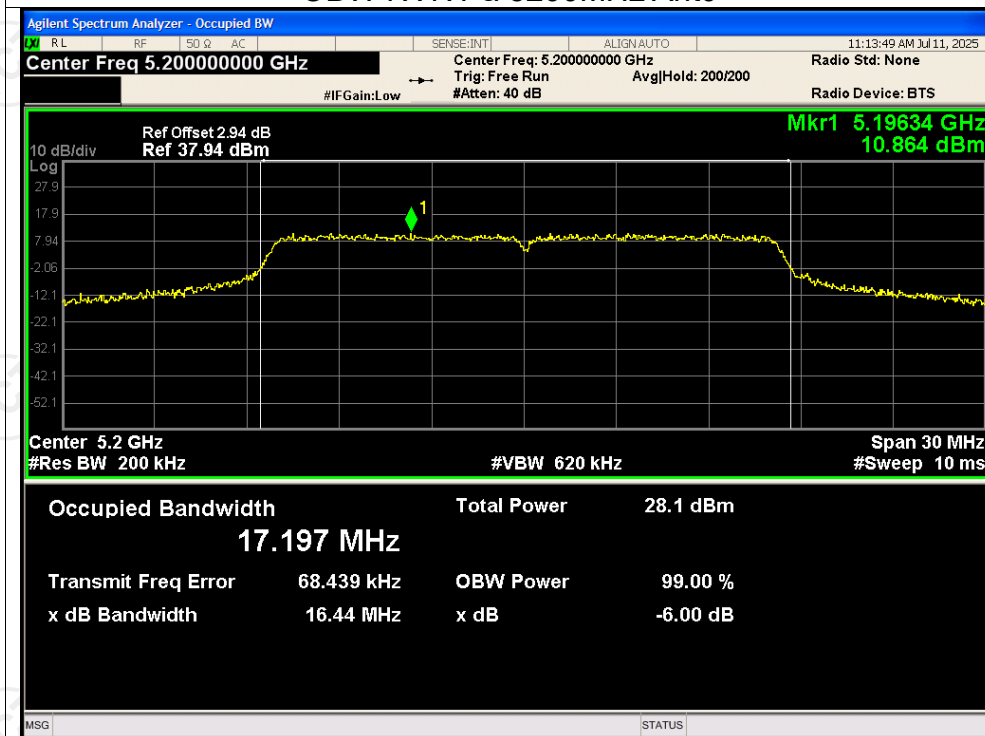
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant0	17.401
NVNT	a	5200	Ant0	17.197
NVNT	a	5240	Ant0	17.190
NVNT	n20	5180	Ant0	18.332
NVNT	n20	5200	Ant0	18.178
NVNT	n20	5240	Ant0	18.216
NVNT	n40	5190	Ant0	36.475
NVNT	n40	5230	Ant0	36.419
NVNT	ac20	5180	Ant0	18.433
NVNT	ac20	5200	Ant0	18.157
NVNT	ac20	5240	Ant0	18.178
NVNT	ac40	5190	Ant0	36.495
NVNT	ac40	5230	Ant0	36.46
NVNT	ac80	5210	Ant0	75.949
NVNT	a	5745	Ant0	29.26
NVNT	a	5785	Ant0	25.811
NVNT	a	5825	Ant0	21.224
NVNT	n20	5745	Ant0	29.078
NVNT	n20	5785	Ant0	26.038
NVNT	n20	5825	Ant0	21.696
NVNT	n40	5755	Ant0	37.533
NVNT	n40	5795	Ant0	37.834
NVNT	ac20	5745	Ant0	21.403
NVNT	ac20	5785	Ant0	22.017
NVNT	ac20	5825	Ant0	21.332
NVNT	ac40	5755	Ant0	37.532
NVNT	ac40	5795	Ant0	37.769
NVNT	ac80	5775	Ant0	76.574

Test Graphs

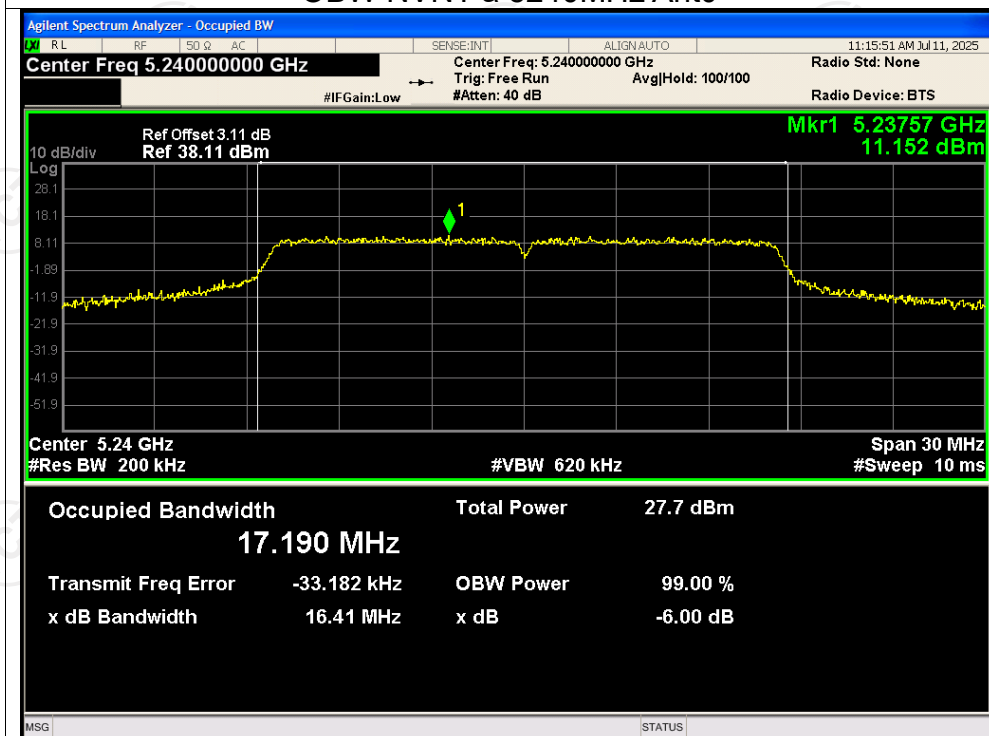
OBW NVNT a 5180MHz Ant0



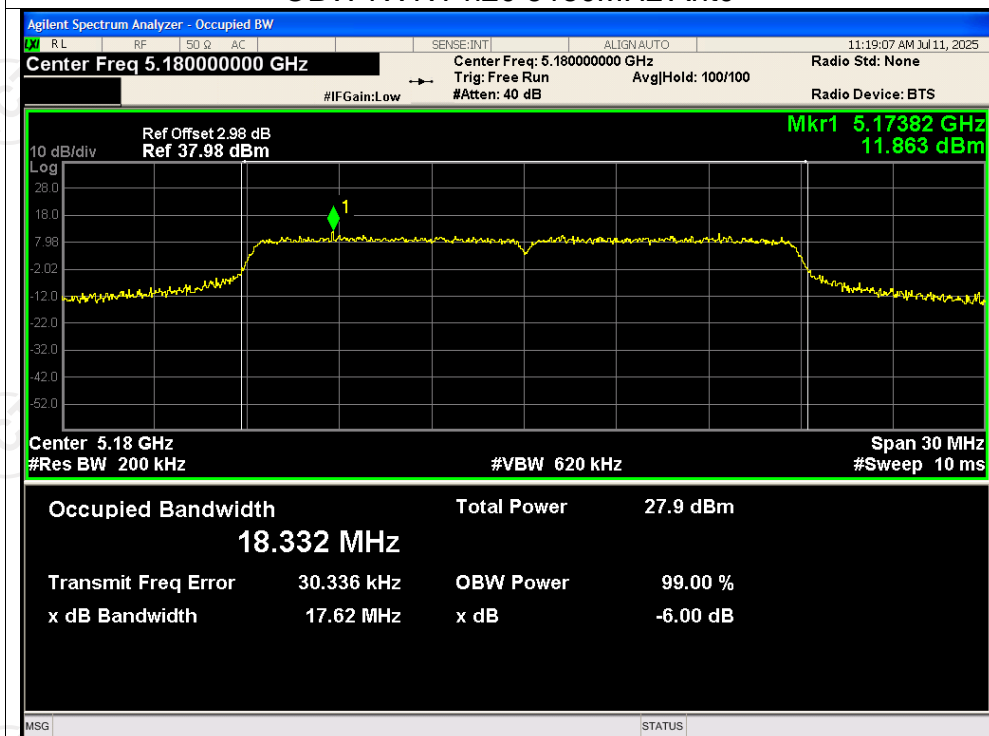
OBW NVNT a 5200MHz Ant0



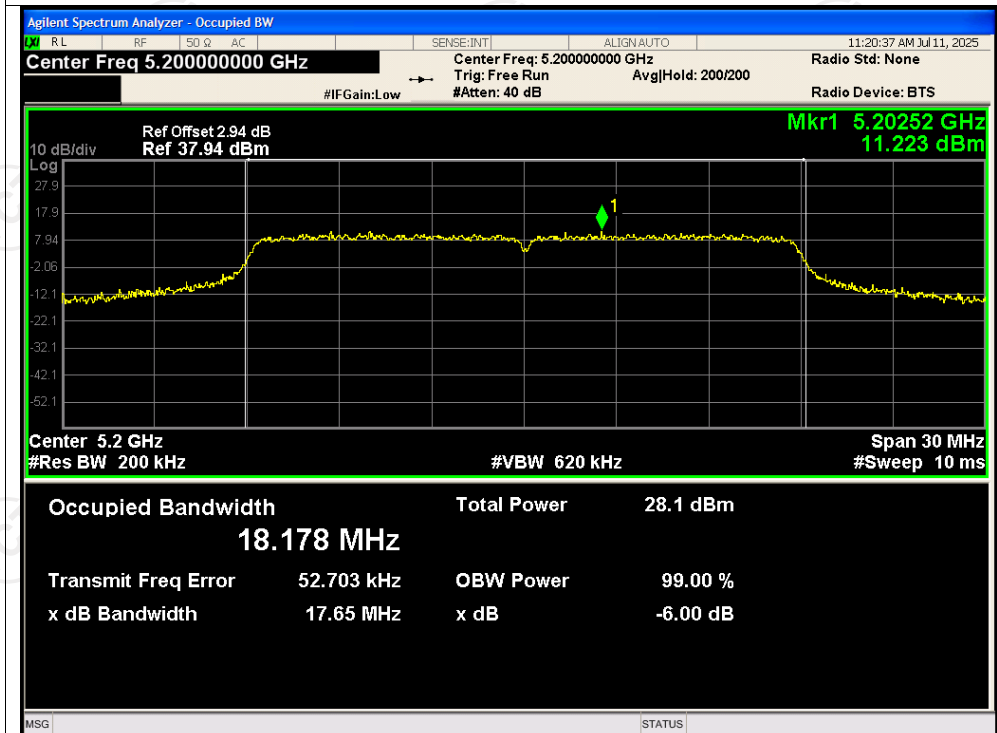
OBW NVNT a 5240MHz Ant0



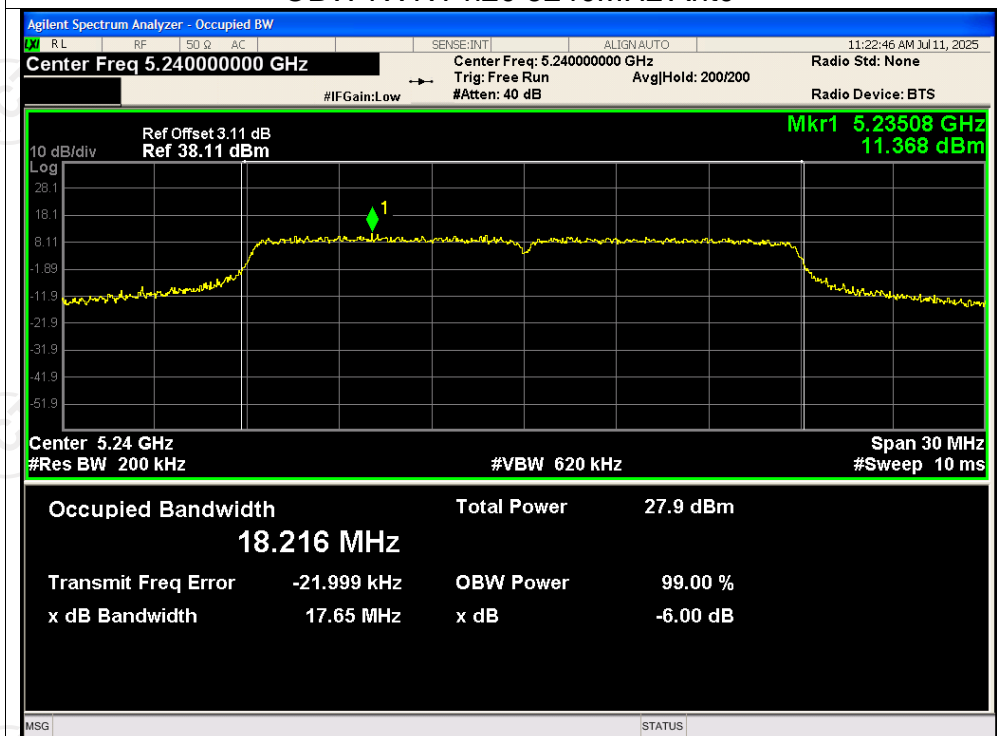
OBW NVNT n20 5180MHz Ant0



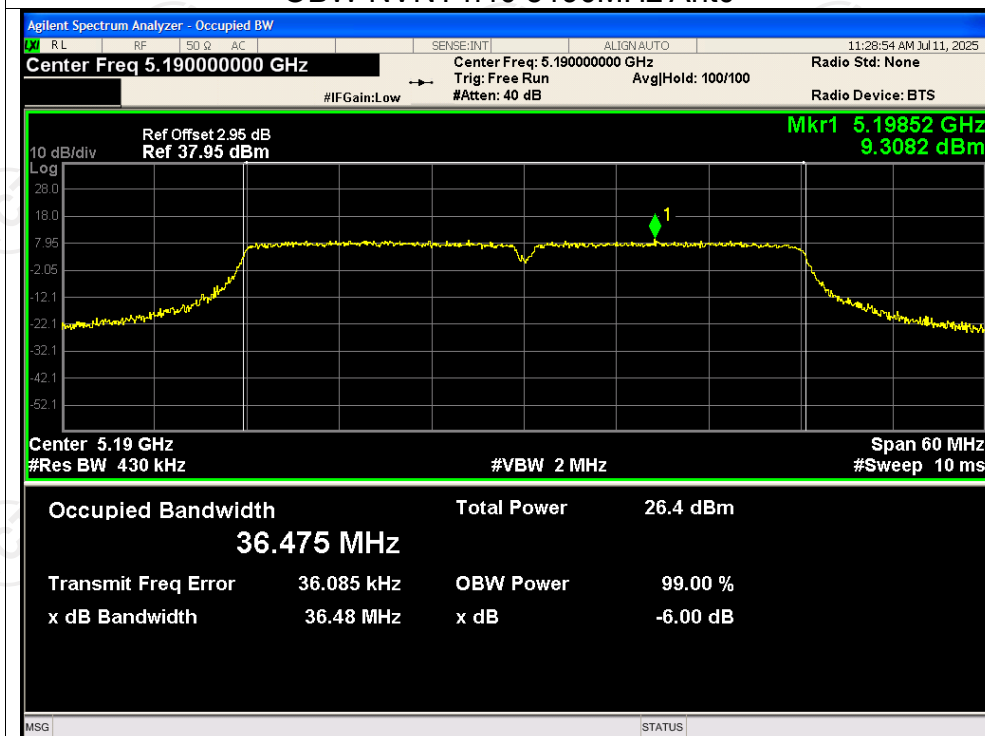
OBW NVNT n20 5200MHz Ant0



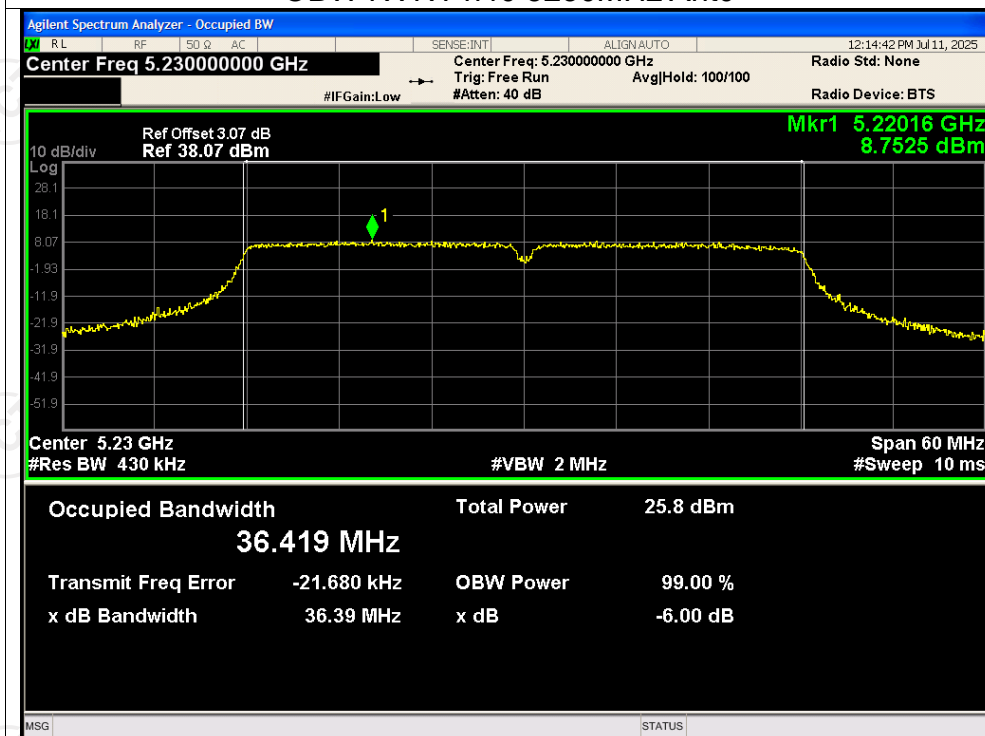
OBW NVNT n20 5240MHz Ant0



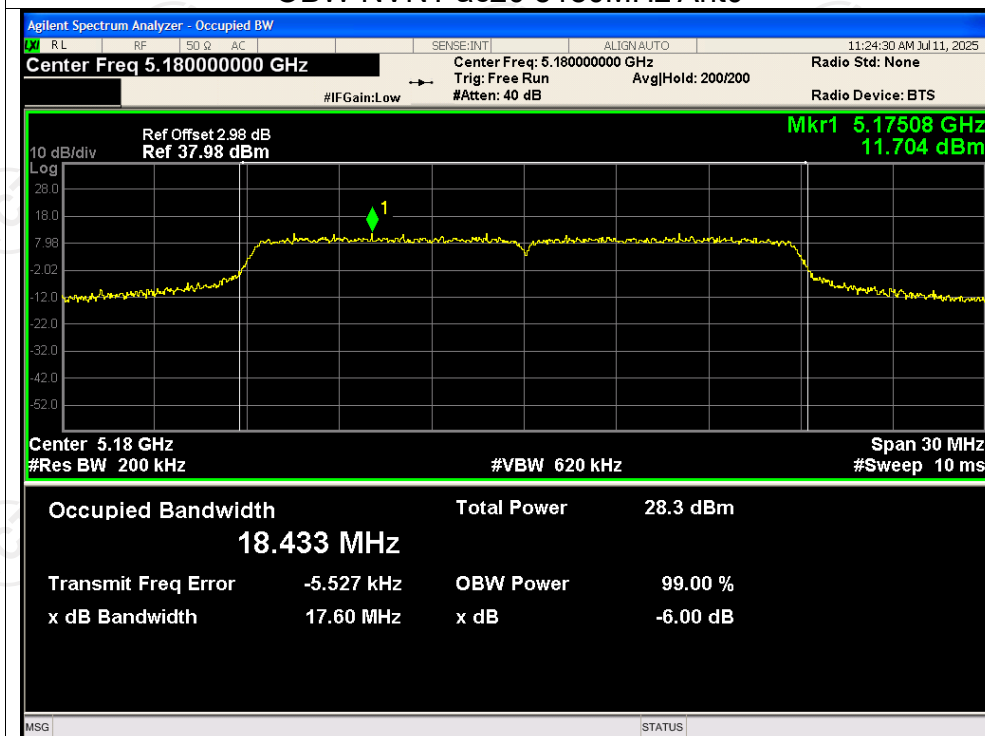
OBW NVNT n40 5190MHz Ant0



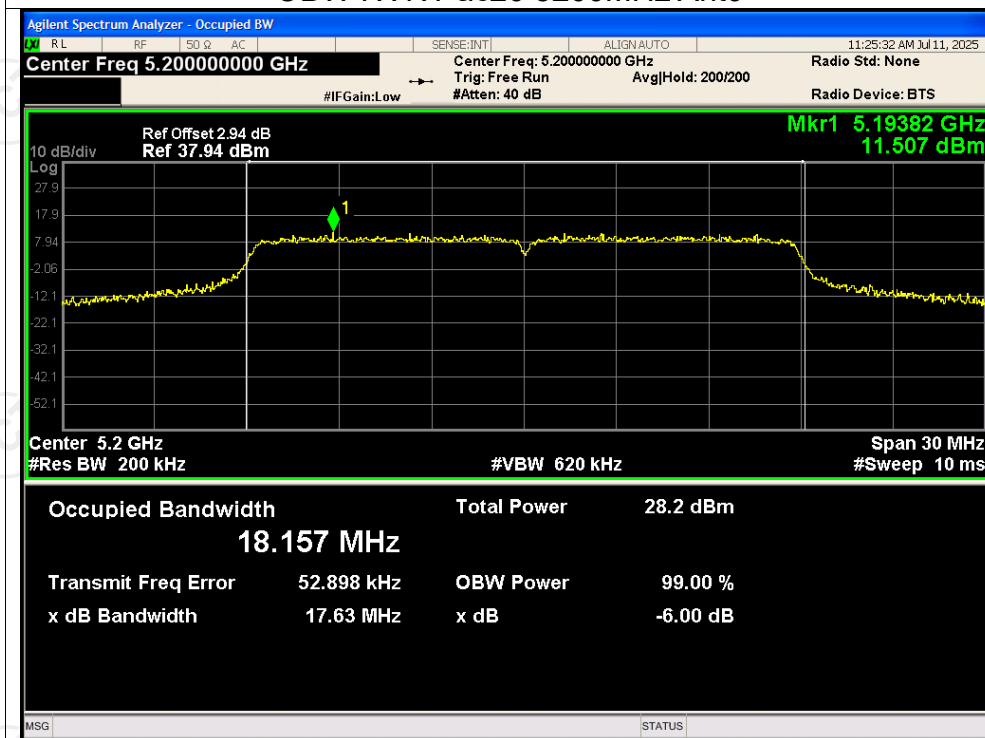
OBW NVNT n40 5230MHz Ant0



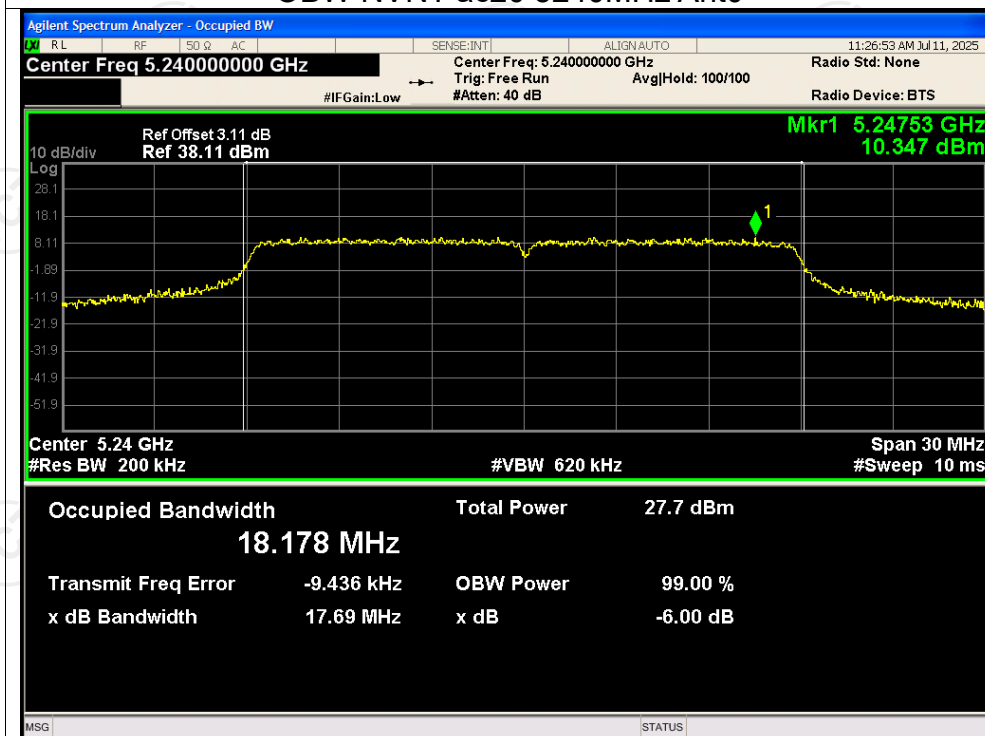
OBW NVNT ac20 5180MHz Ant0



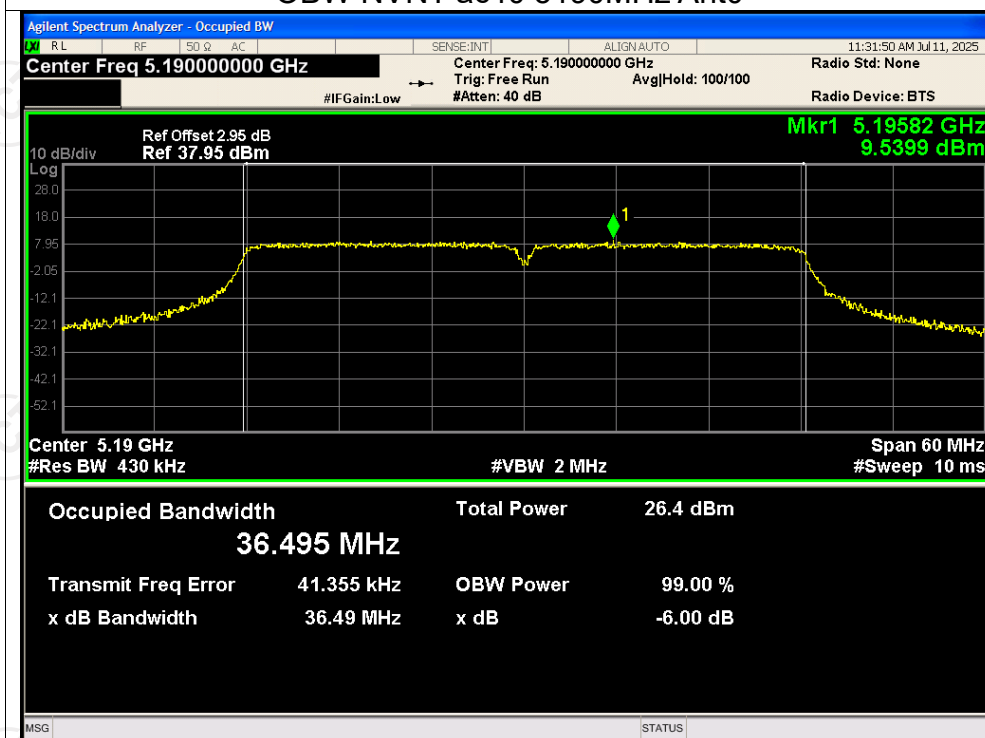
OBW NVNT ac20 5200MHz Ant0



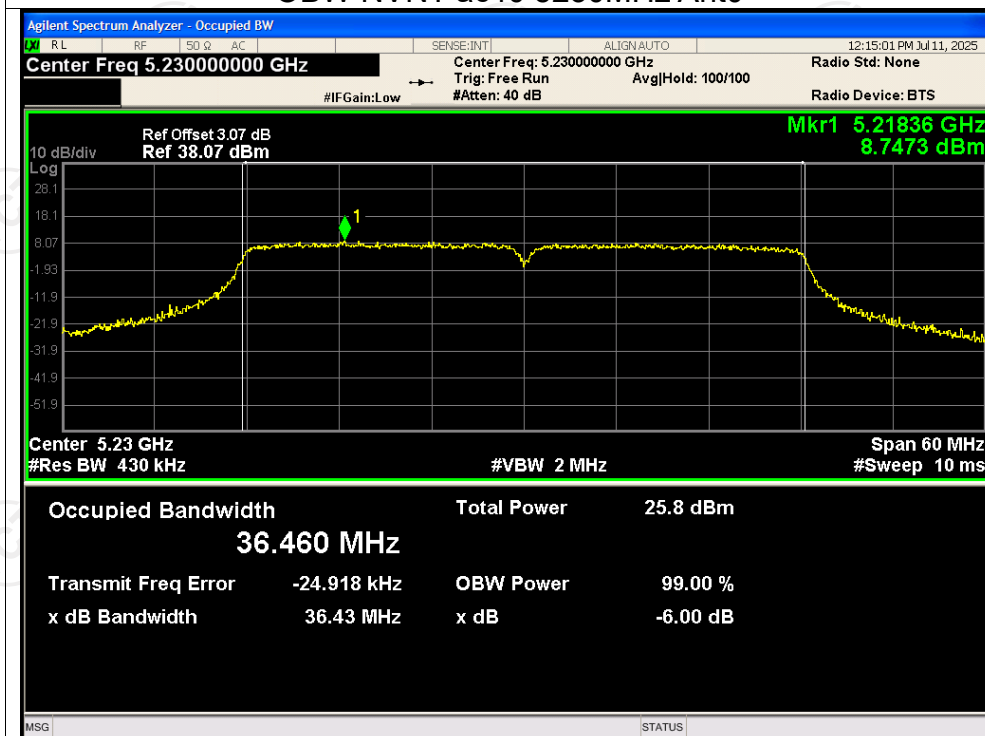
OBW NVNT ac20 5240MHz Ant0



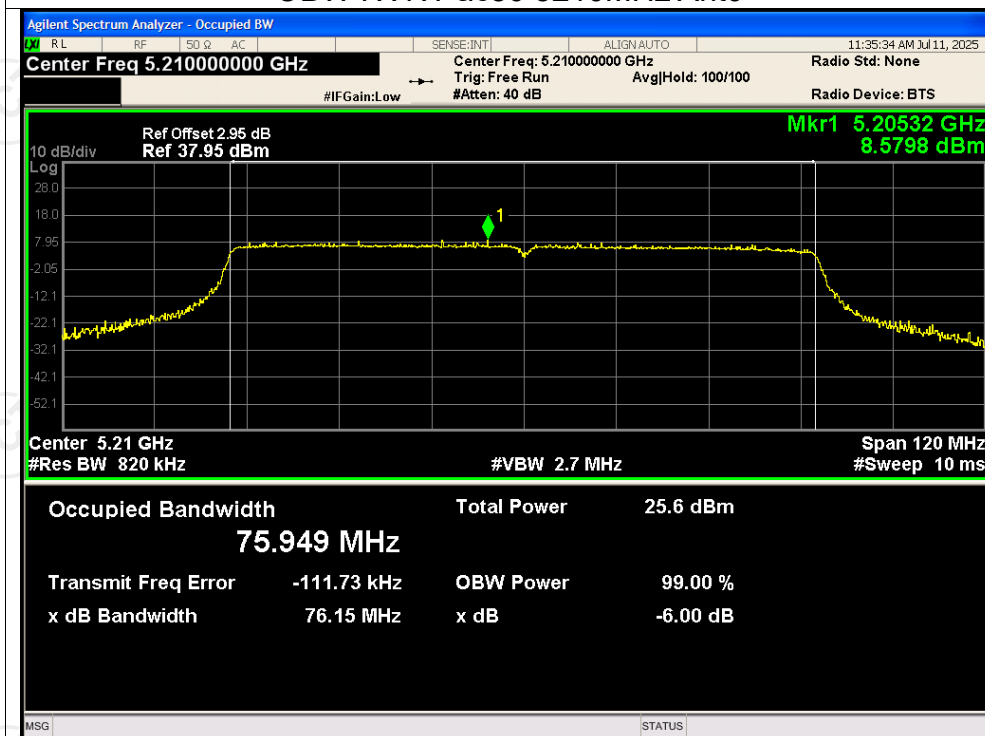
OBW NVNT ac40 5190MHz Ant0



OBW NVNT ac40 5230MHz Ant0

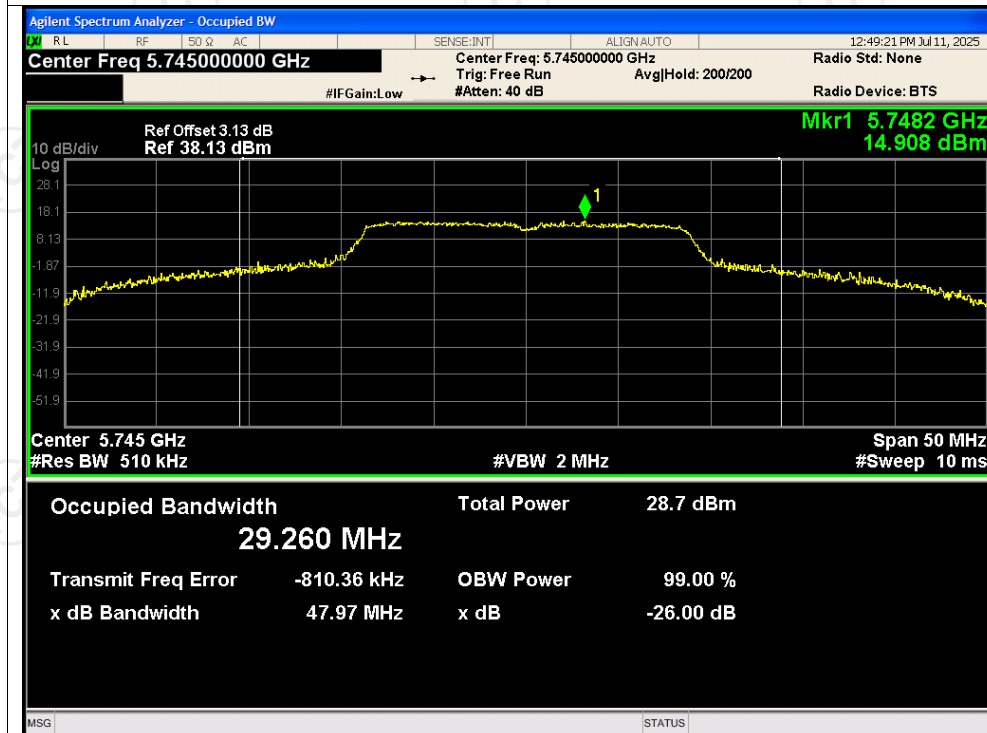


OBW NVNT ac80 5210MHz Ant0

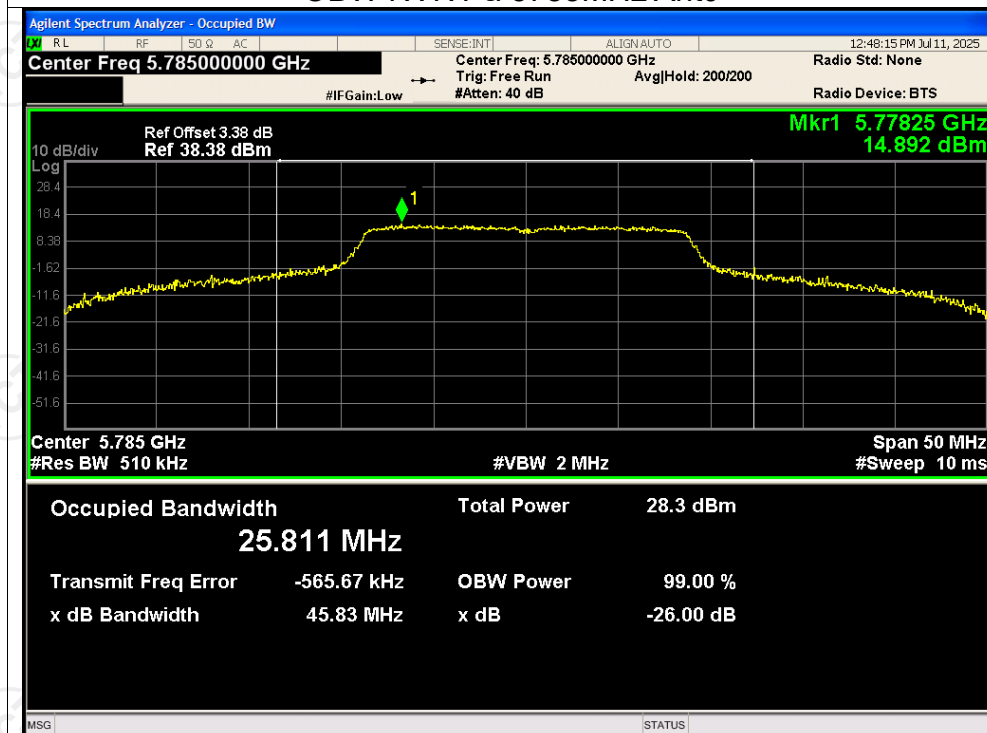


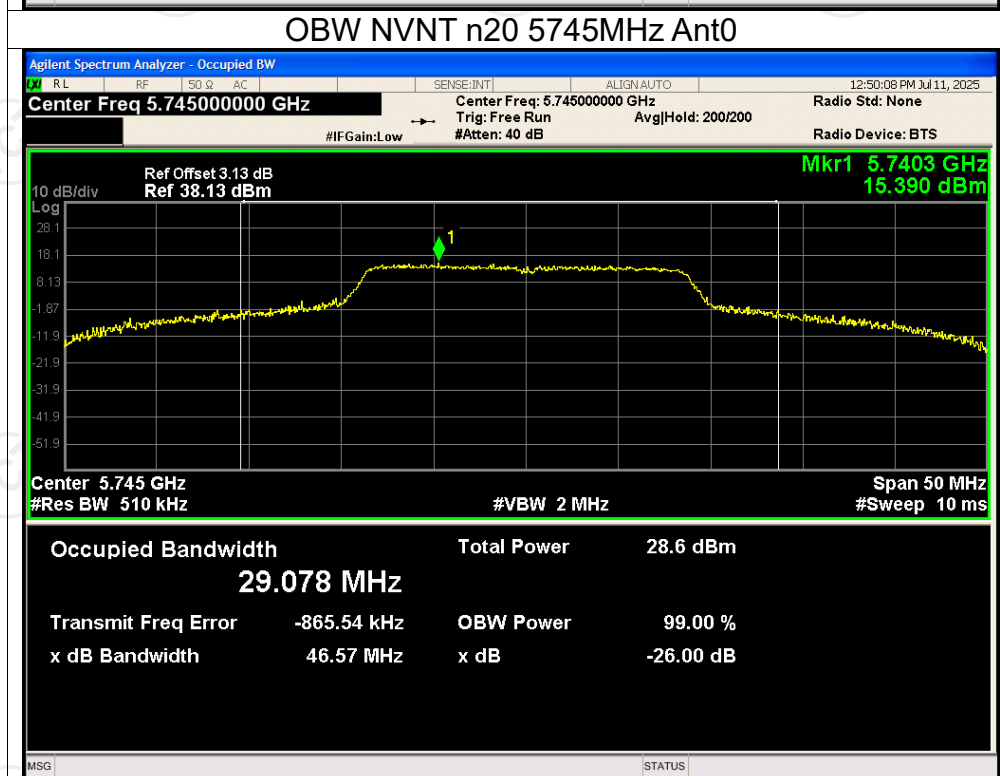
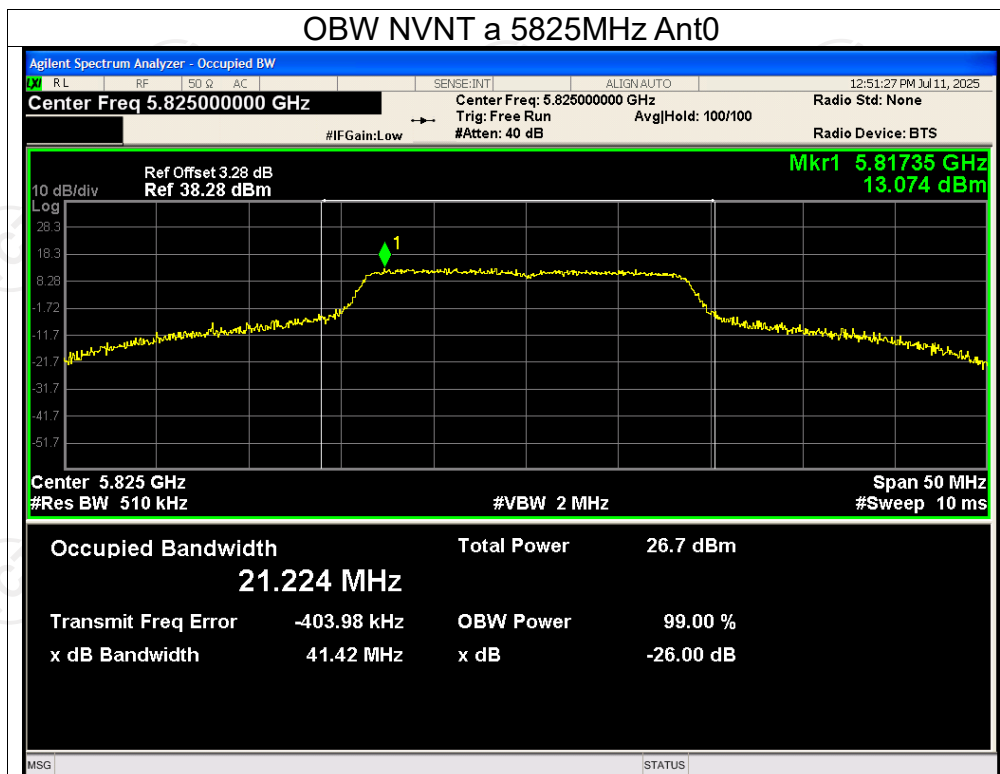
Test Graphs

OBW NVNT a 5745MHz Ant0

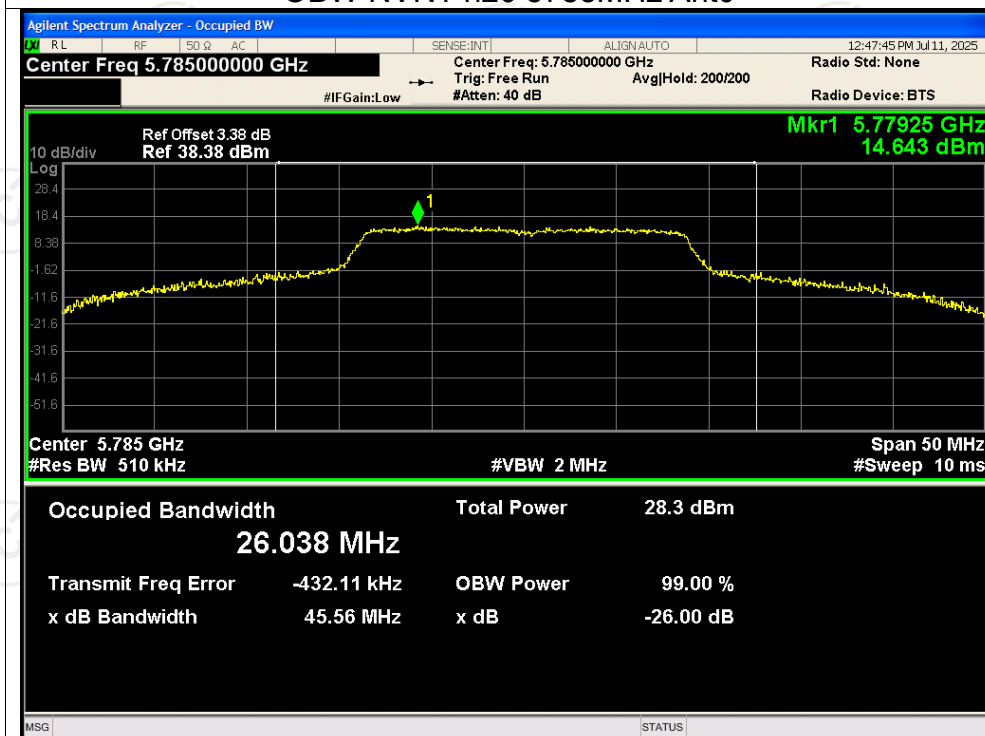


OBW NVNT a 5785MHz Ant0

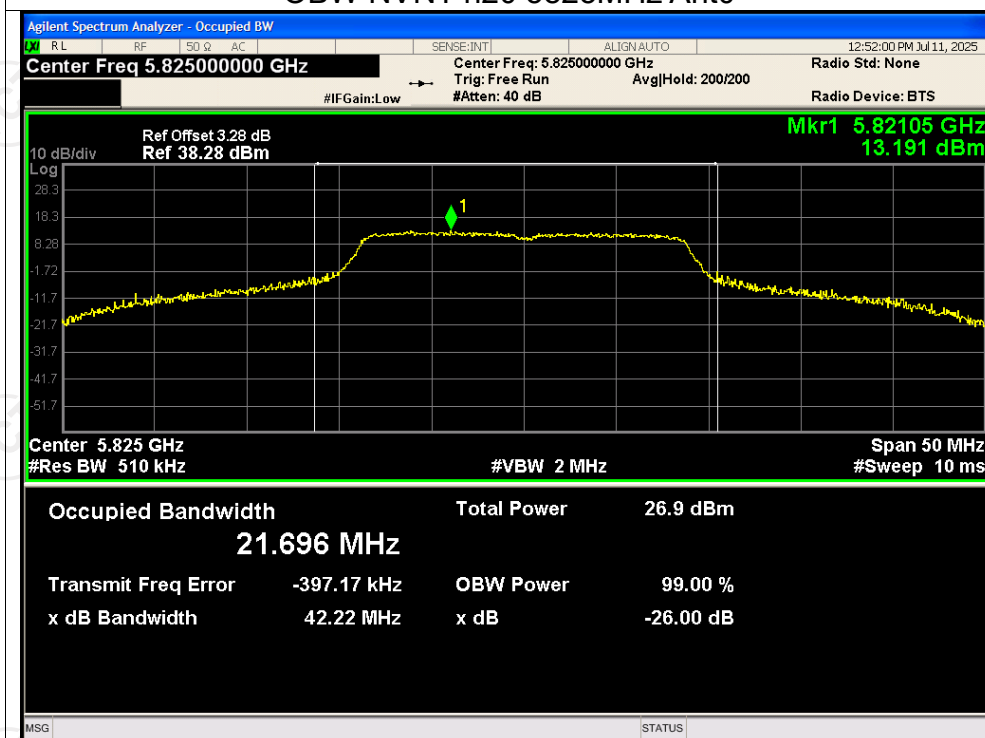




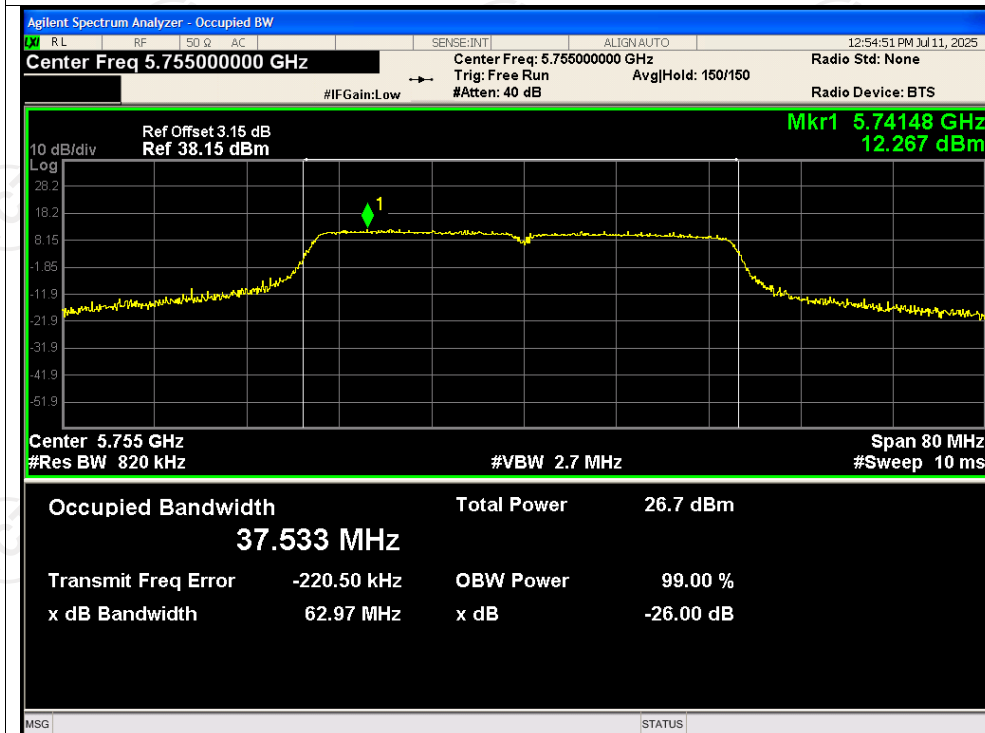
OBW NVNT n20 5785MHz Ant0



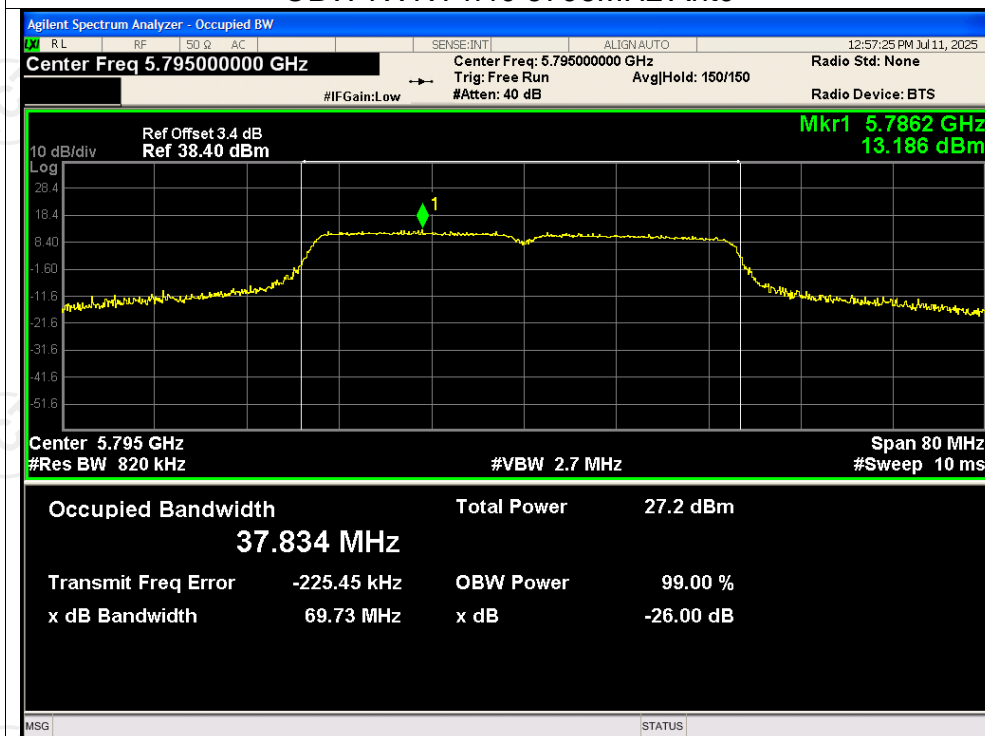
OBW NVNT n20 5825MHz Ant0



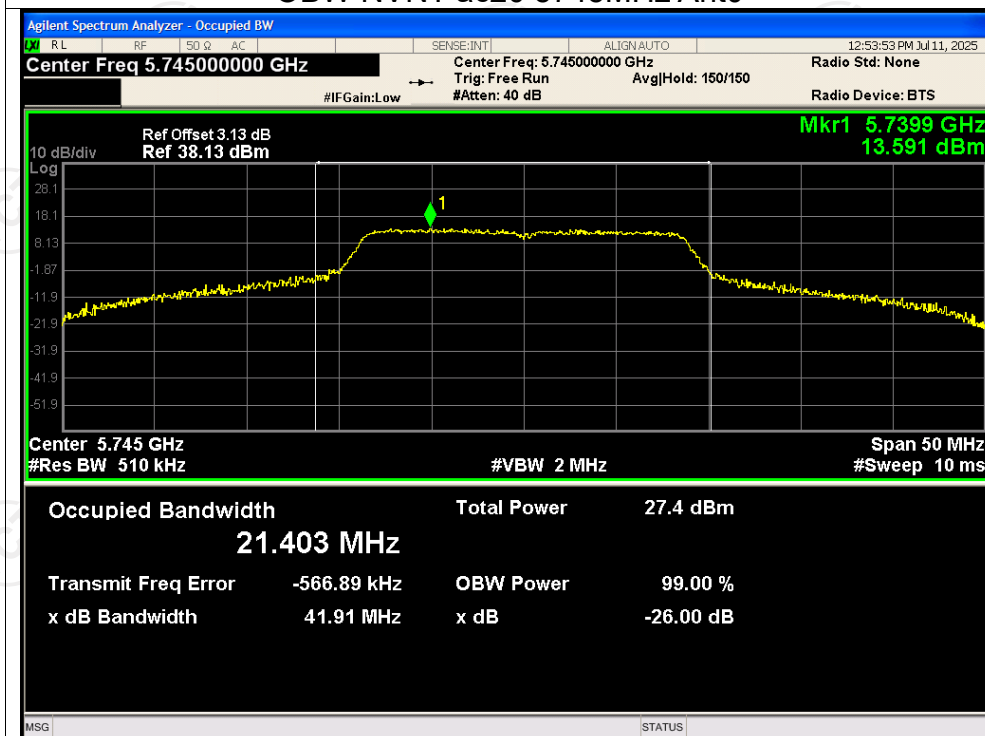
OBW NVNT n40 5755MHz Ant0



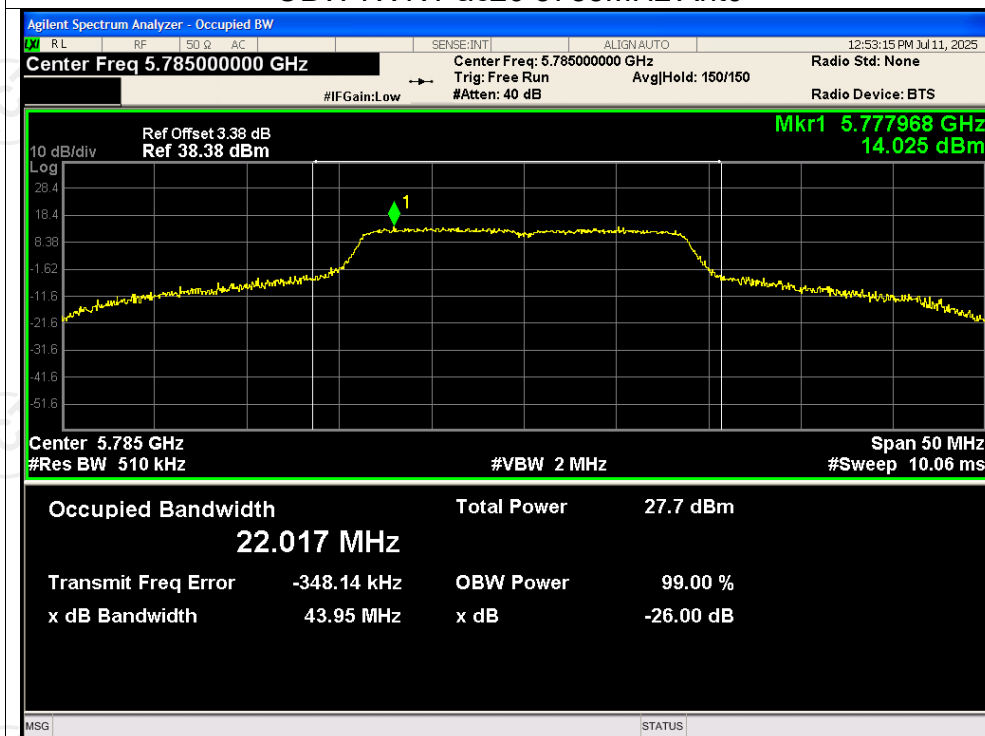
OBW NVNT n40 5795MHz Ant0



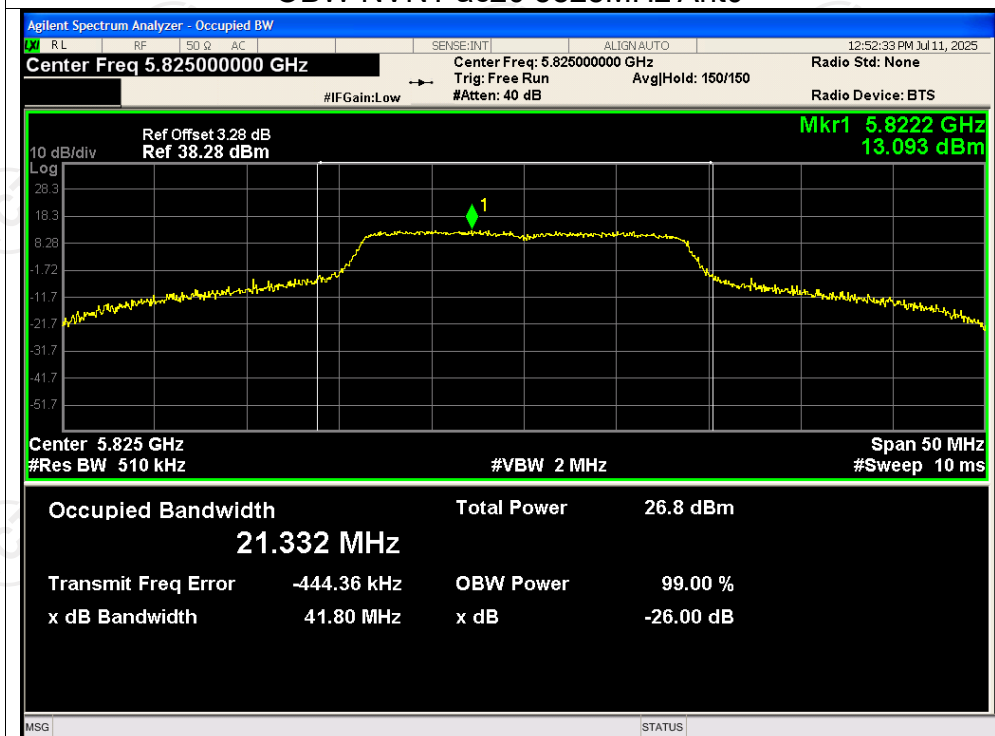
OBW NVNT ac20 5745MHz Ant0



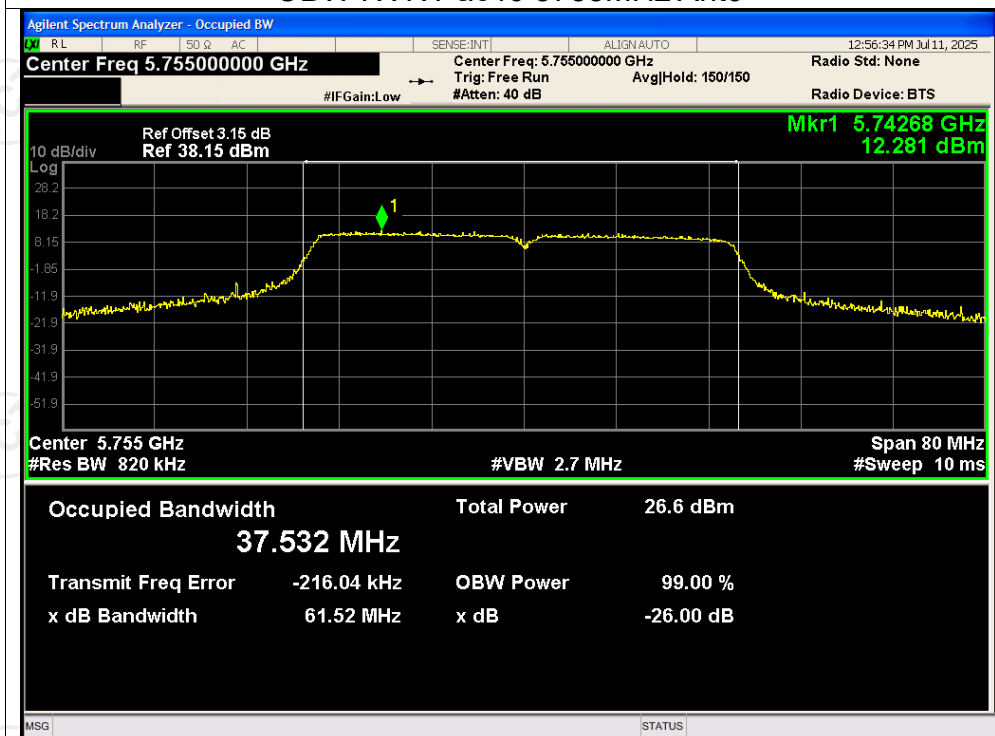
OBW NVNT ac20 5785MHz Ant0



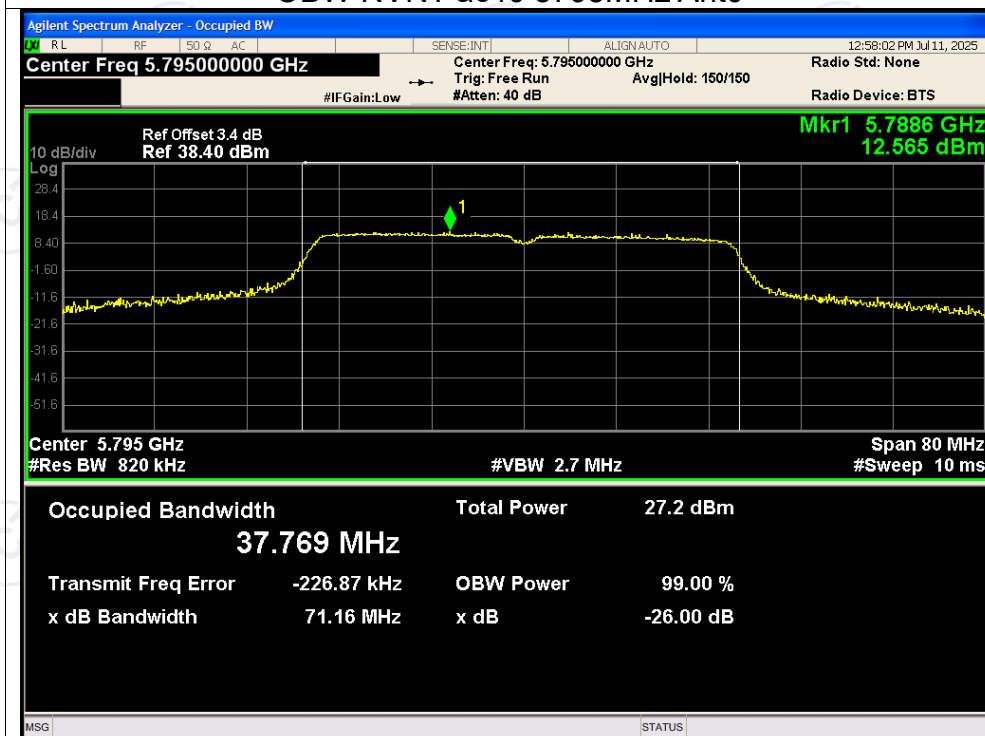
OBW NVNT ac20 5825MHz Ant0



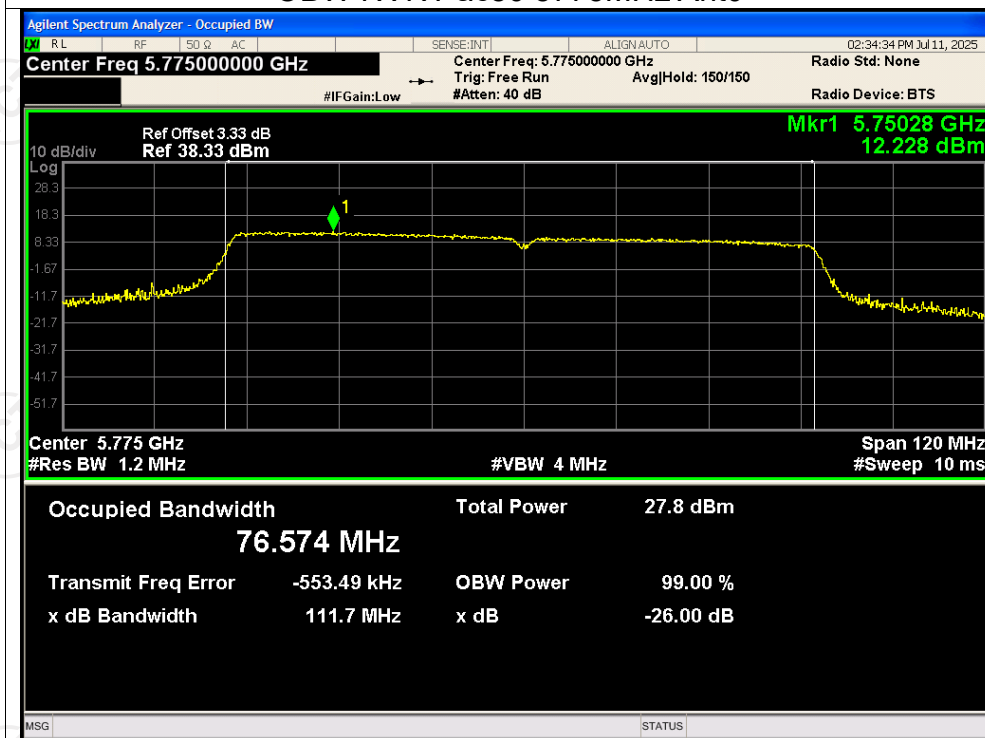
OBW NVNT ac40 5755MHz Ant0



OBW NVNT ac40 5795MHz Ant0



OBW NVNT ac80 5775MHz Ant0



Maximum Power Spectral Density Level

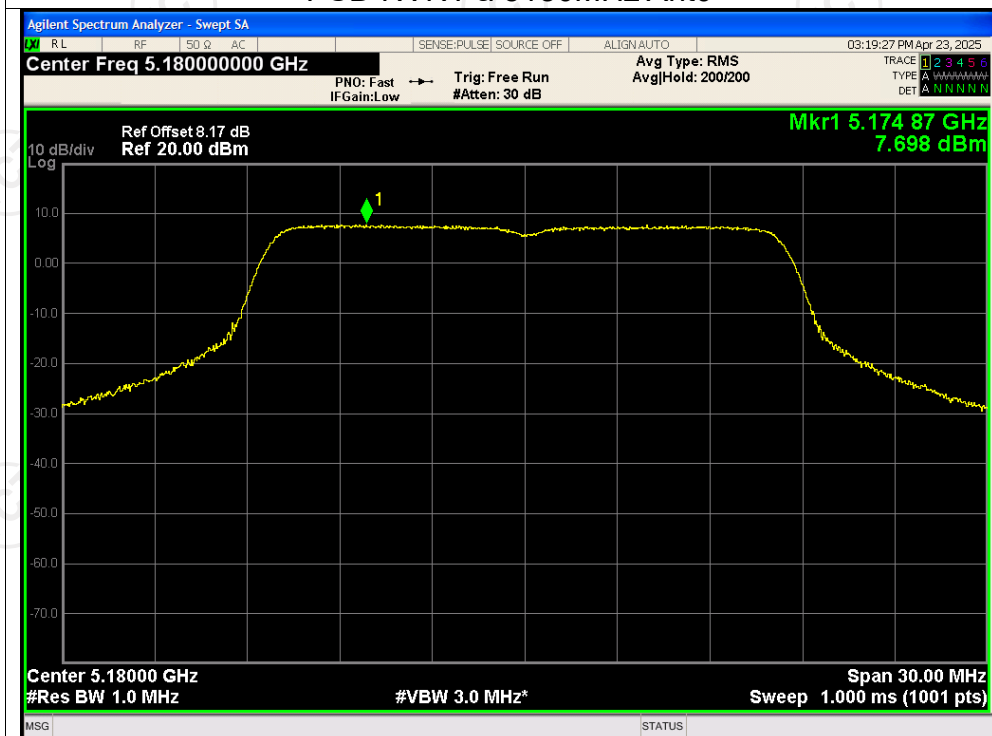
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant0	7.70	11	Pass
NVNT	a	5200	Ant0	7.39	11	Pass
NVNT	a	5240	Ant0	10.54	11	Pass
NVNT	n20	5180	Ant0	4.02	11	Pass
NVNT	n20	5200	Ant0	3.99	11	Pass
NVNT	n20	5240	Ant0	4.29	11	Pass
NVNT	n40	5190	Ant0	3.65	11	Pass
NVNT	n40	5230	Ant0	4.33	11	Pass
NVNT	ac20	5180	Ant0	4.22	11	Pass
NVNT	ac20	5200	Ant0	4.07	11	Pass
NVNT	ac20	5240	Ant0	4.39	11	Pass
NVNT	ac40	5190	Ant0	3.61	11	Pass
NVNT	ac40	5230	Ant0	4.24	11	Pass
NVNT	ac80	5210	Ant0	0.39	11	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/510kHz)	Conducted PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
NVNT	a	5745	Ant0	7.97	7.88	30	Pass
NVNT	a	5785	Ant0	7.91	7.82	30	Pass
NVNT	a	5825	Ant0	6.72	6.63	30	Pass
NVNT	n20	5745	Ant0	8.23	8.14	30	Pass
NVNT	n20	5785	Ant0	7.45	7.36	30	Pass
NVNT	n20	5825	Ant0	5.87	5.78	30	Pass
NVNT	n40	5755	Ant0	5.73	5.64	30	Pass
NVNT	n40	5795	Ant0	4.60	4.51	30	Pass
NVNT	ac20	5745	Ant0	8.10	8.01	30	Pass
NVNT	ac20	5785	Ant0	7.44	7.35	30	Pass
NVNT	ac20	5825	Ant0	5.88	5.79	30	Pass
NVNT	ac40	5755	Ant0	5.75	5.66	30	Pass
NVNT	ac40	5795	Ant0	4.33	4.24	30	Pass
NVNT	ac80	5775	Ant0	3.42	3.33	30	Pass

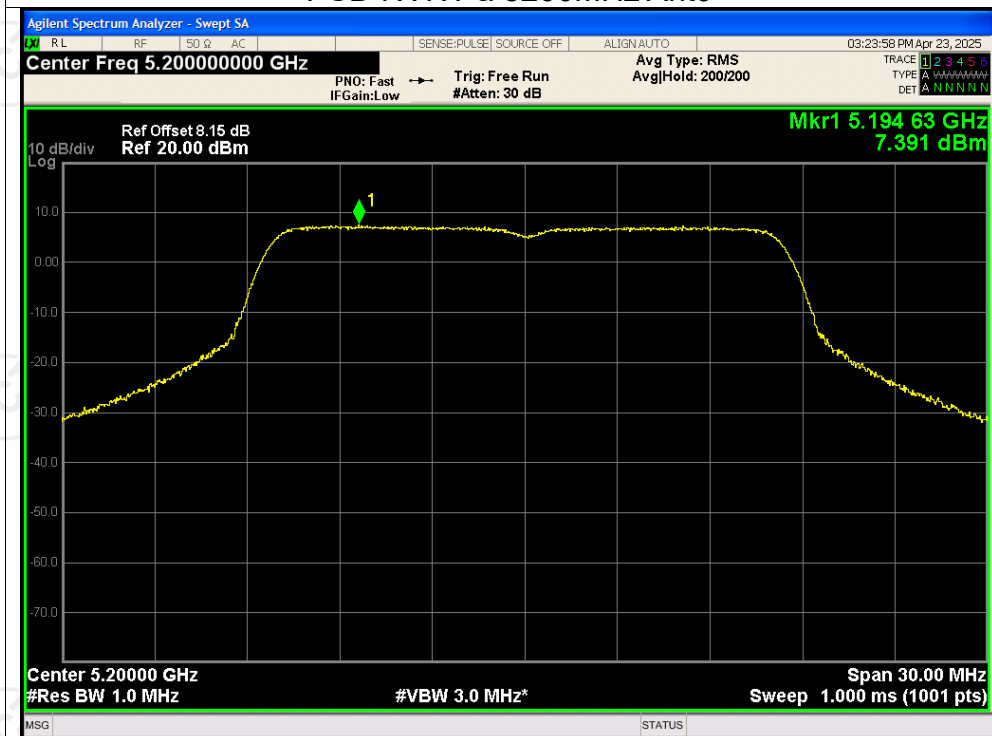
Note: Conducted PSD (dBm/500kHz) = Conducted PSD (dBm/510kHz) + 10log(500kHz/510kHz)

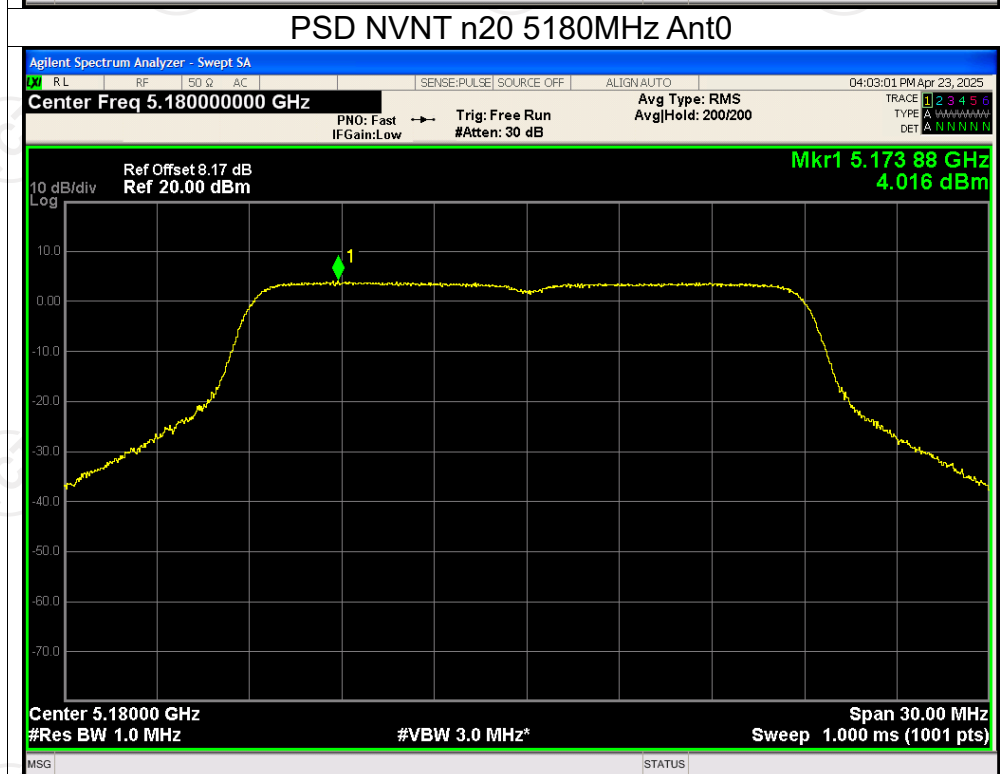
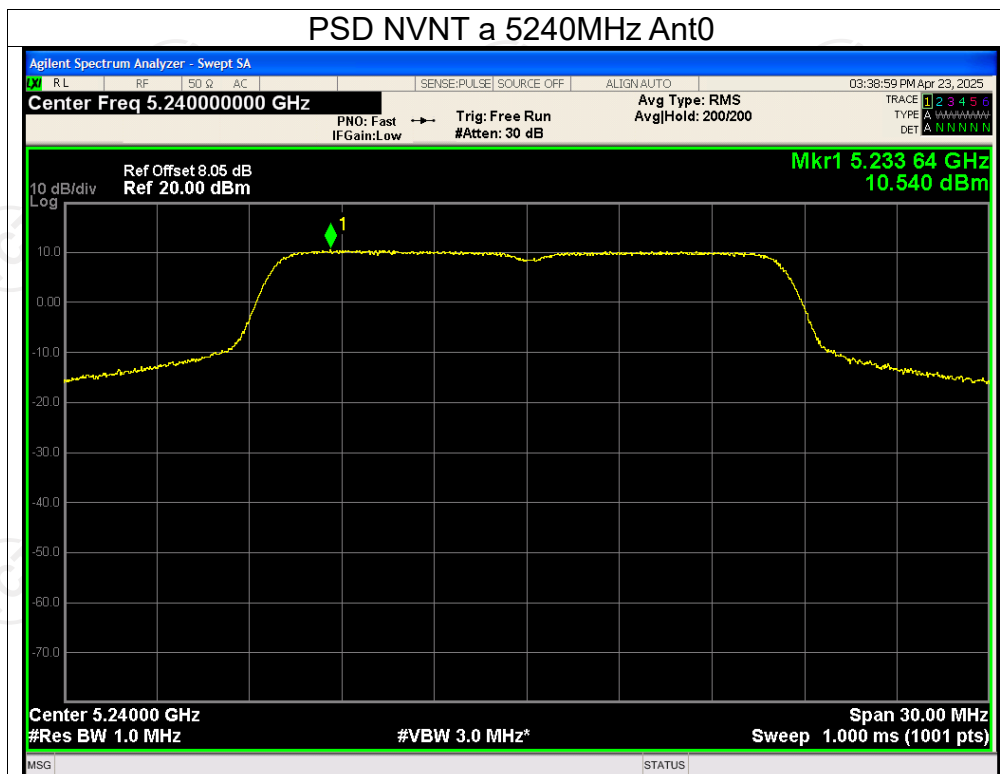
Test Graphs

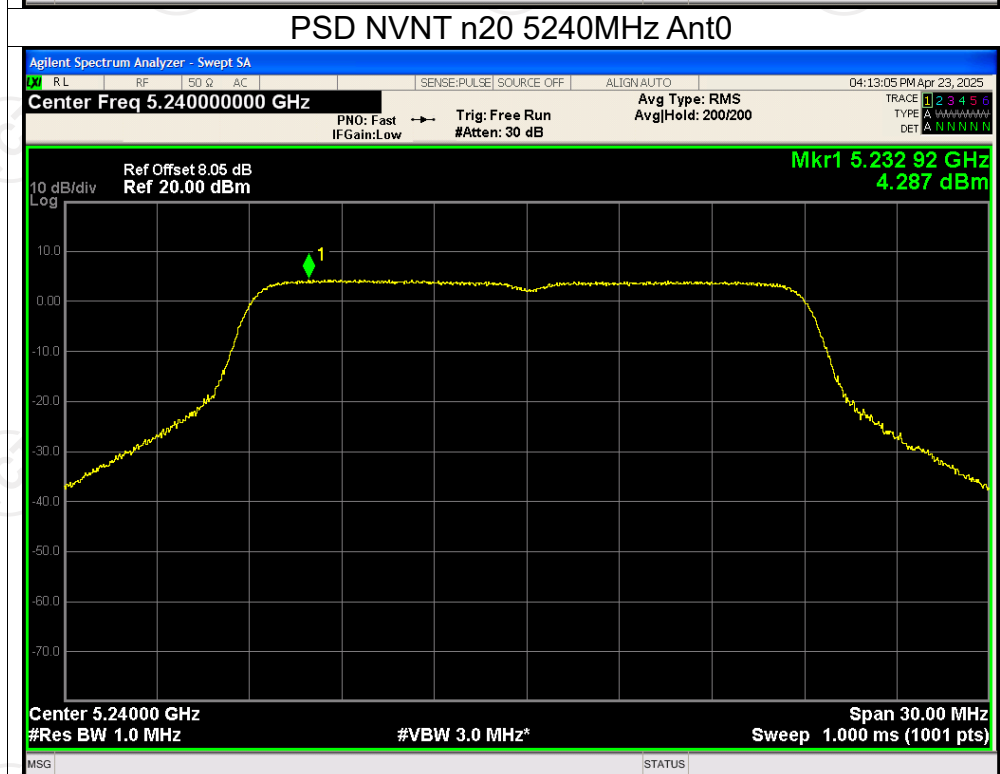
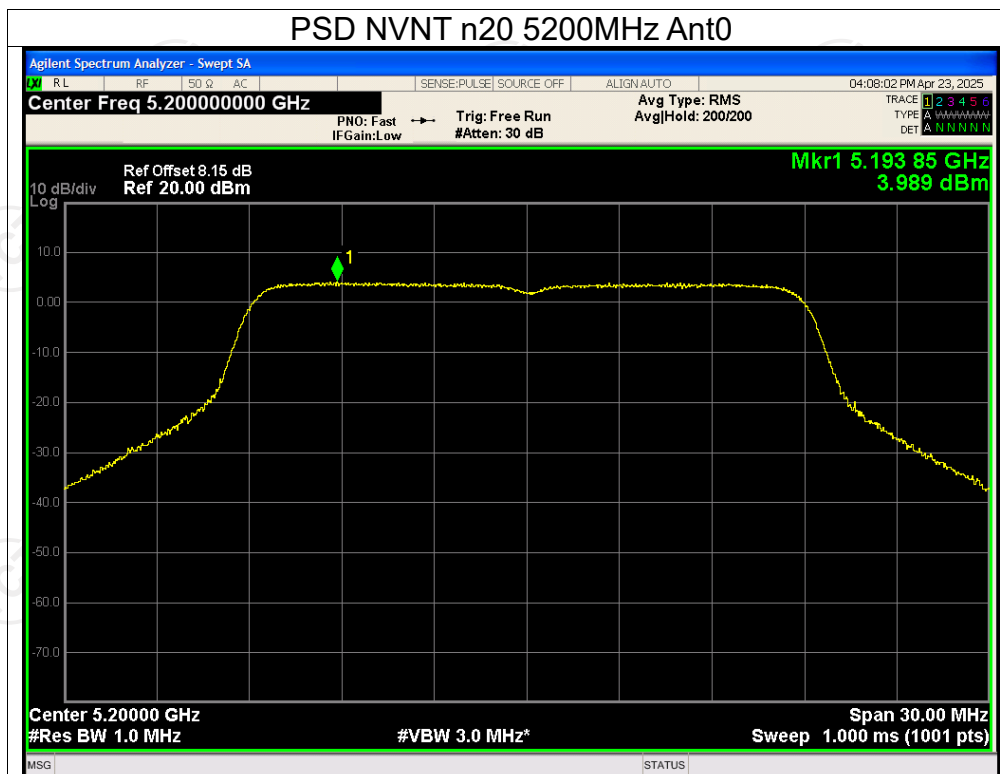
PSD NVNT a 5180MHz Ant0

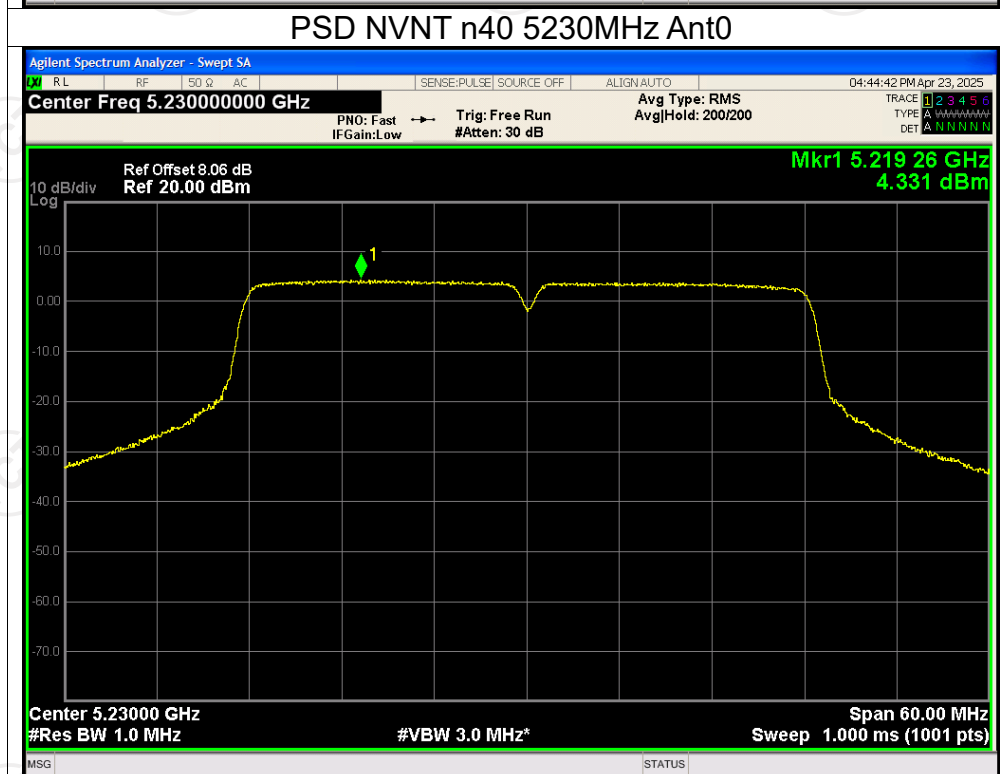
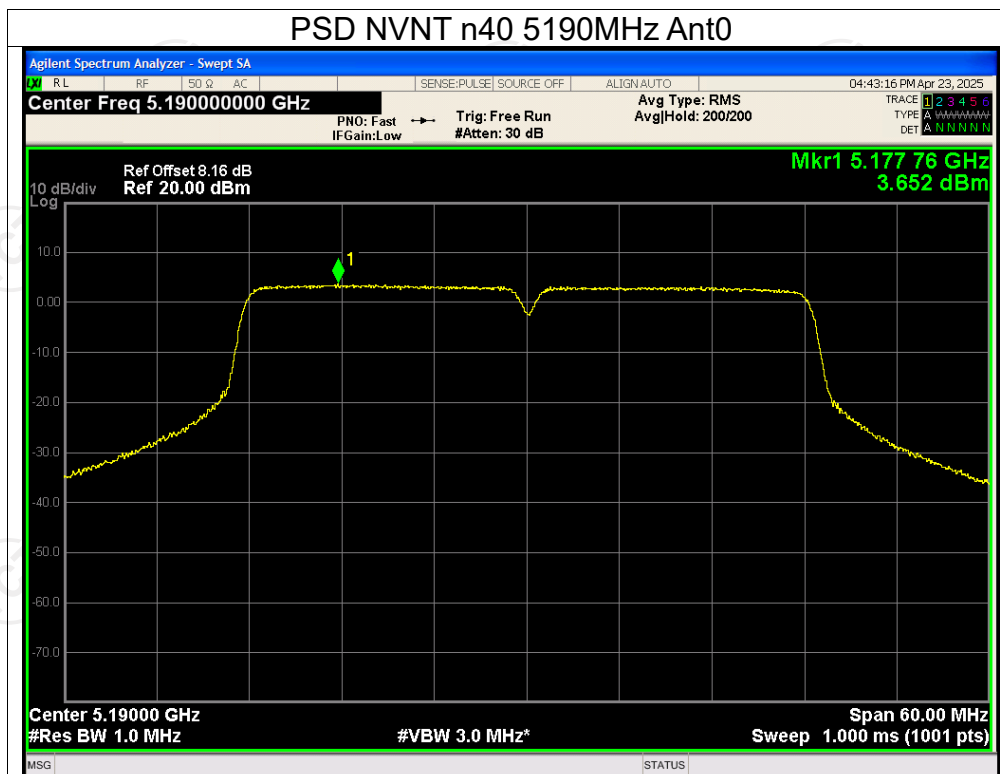


PSD NVNT a 5200MHz Ant0

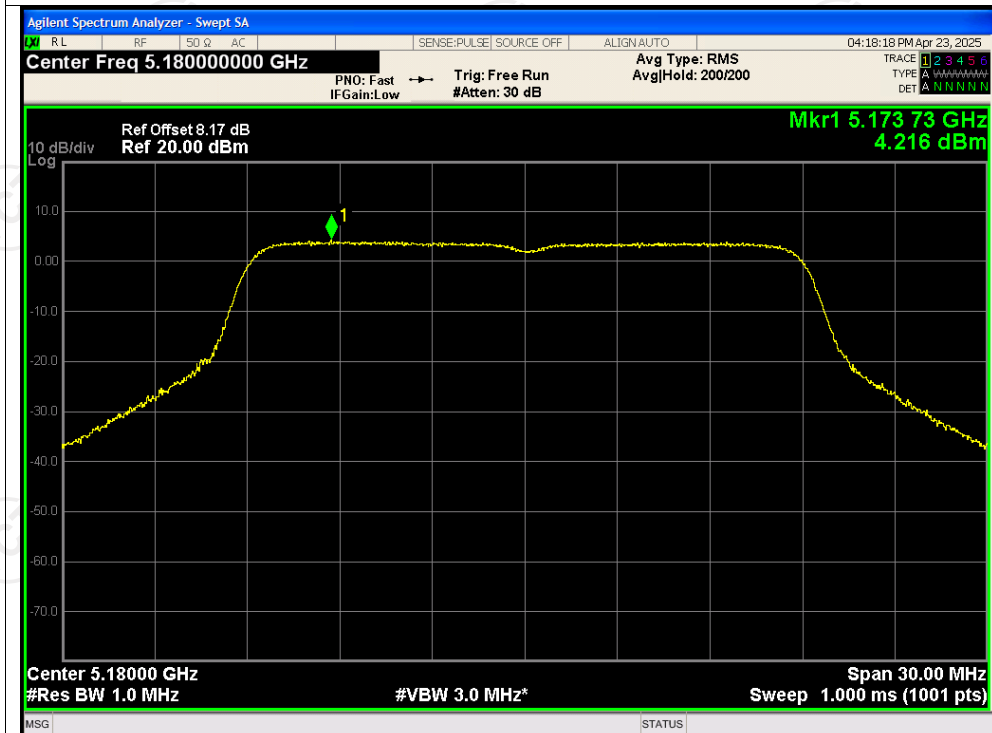




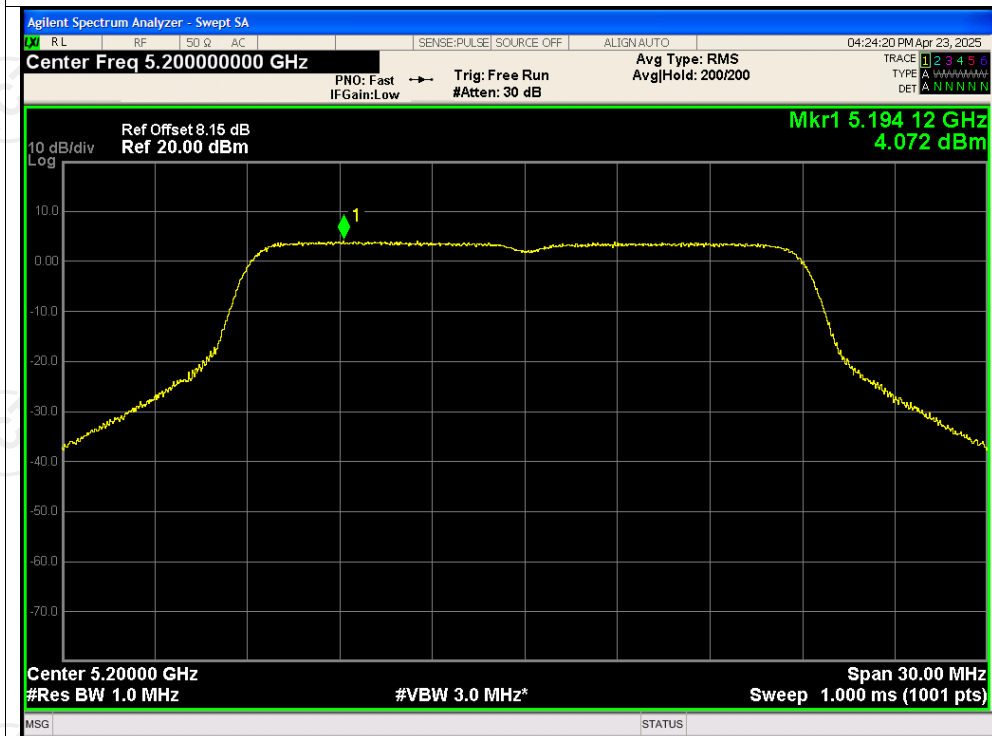




PSD NVNT ac20 5180MHz Ant0



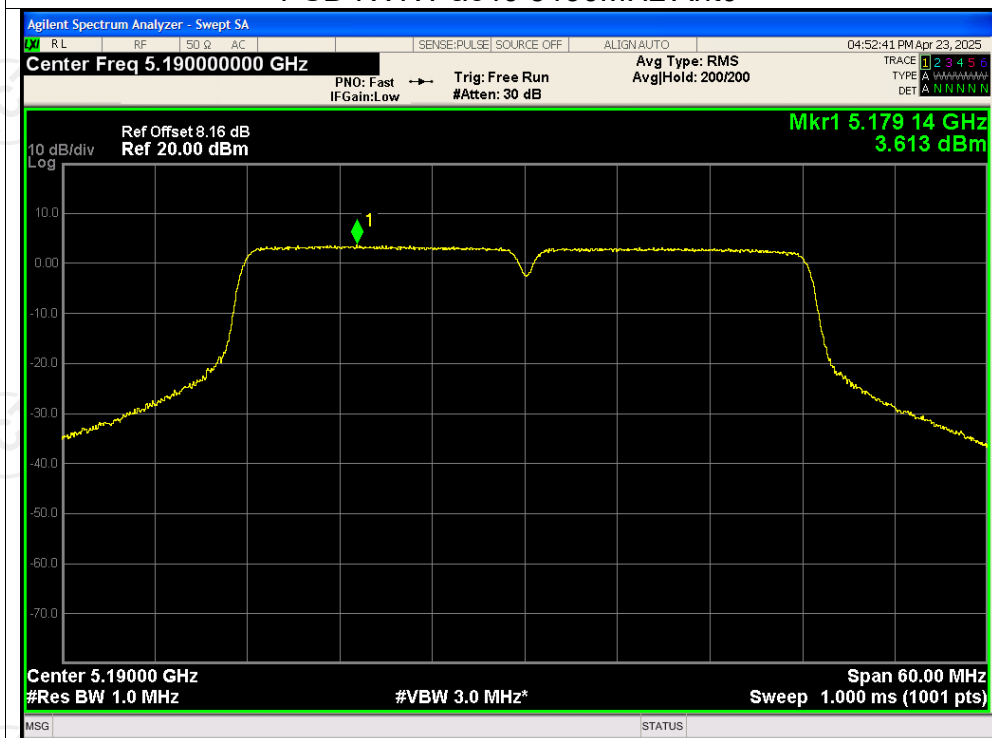
PSD NVNT ac20 5200MHz Ant0



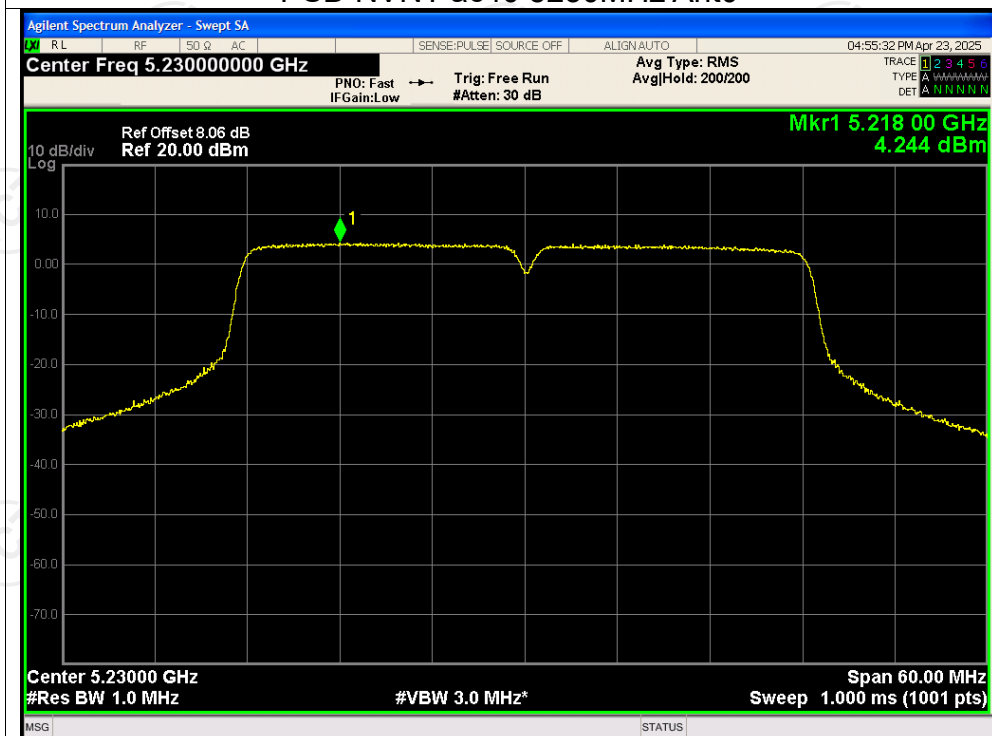
PSD NVNT ac20 5240MHz Ant0



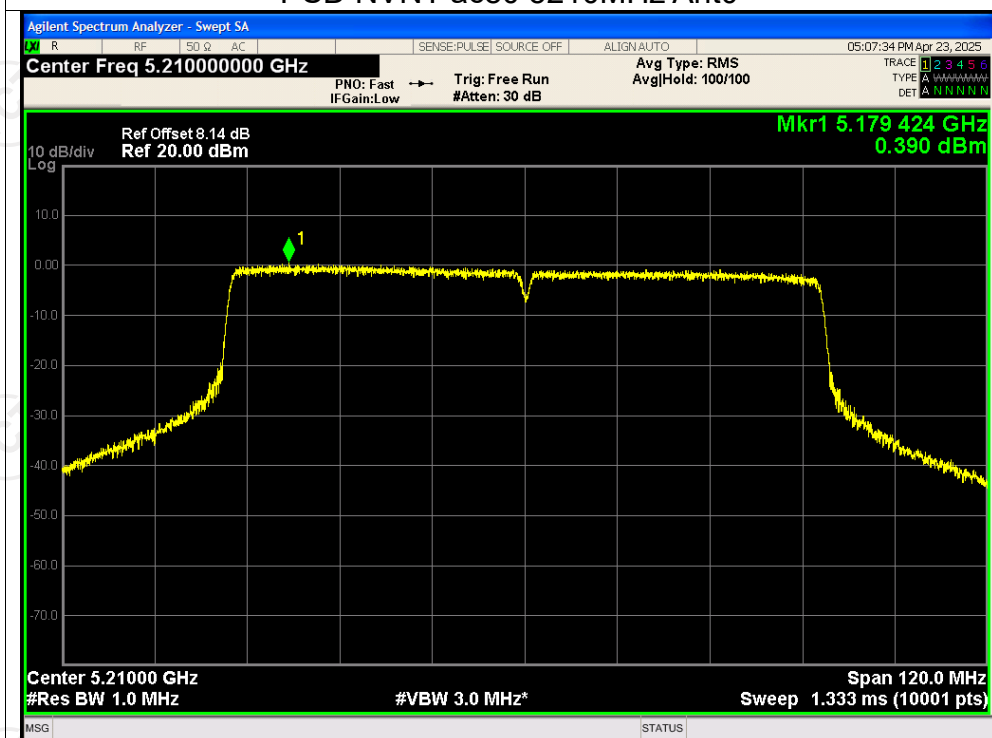
PSD NVNT ac40 5190MHz Ant0



PSD NVNT ac40 5230MHz Ant0

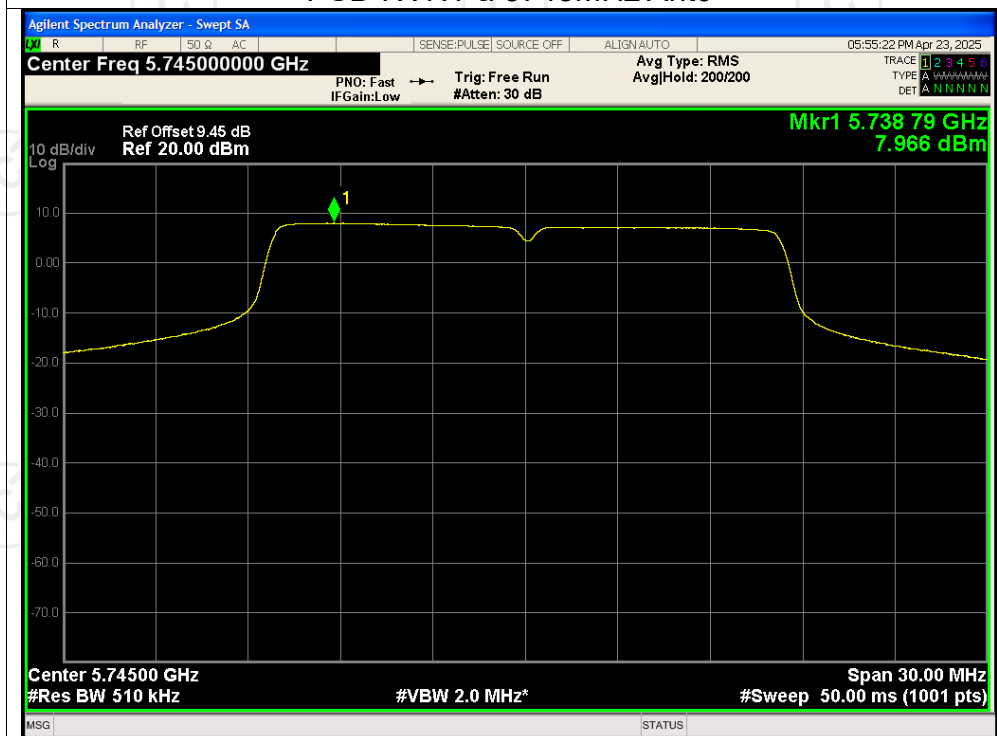


PSD NVNT ac80 5210MHz Ant0

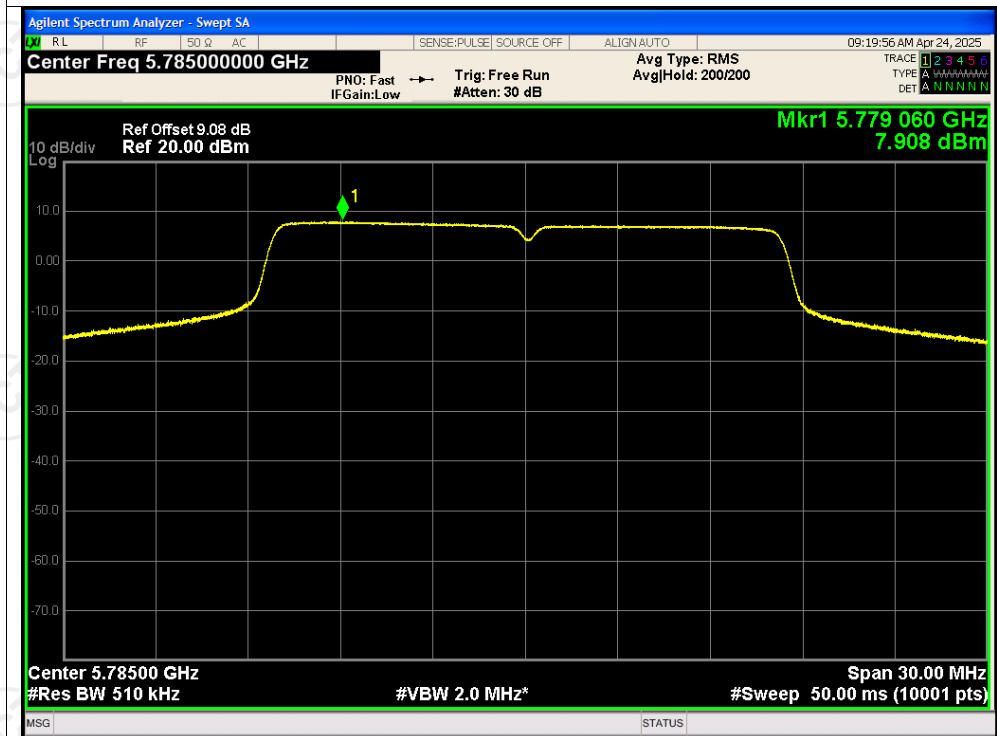


Test Graphs

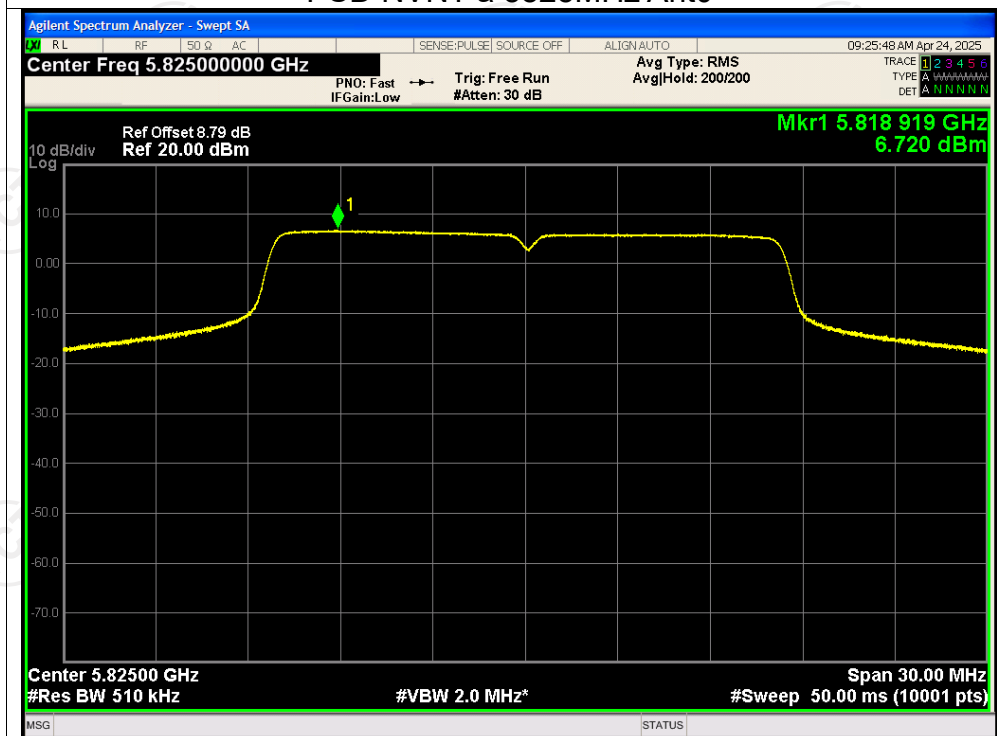
PSD NVNT a 5745MHz Ant0



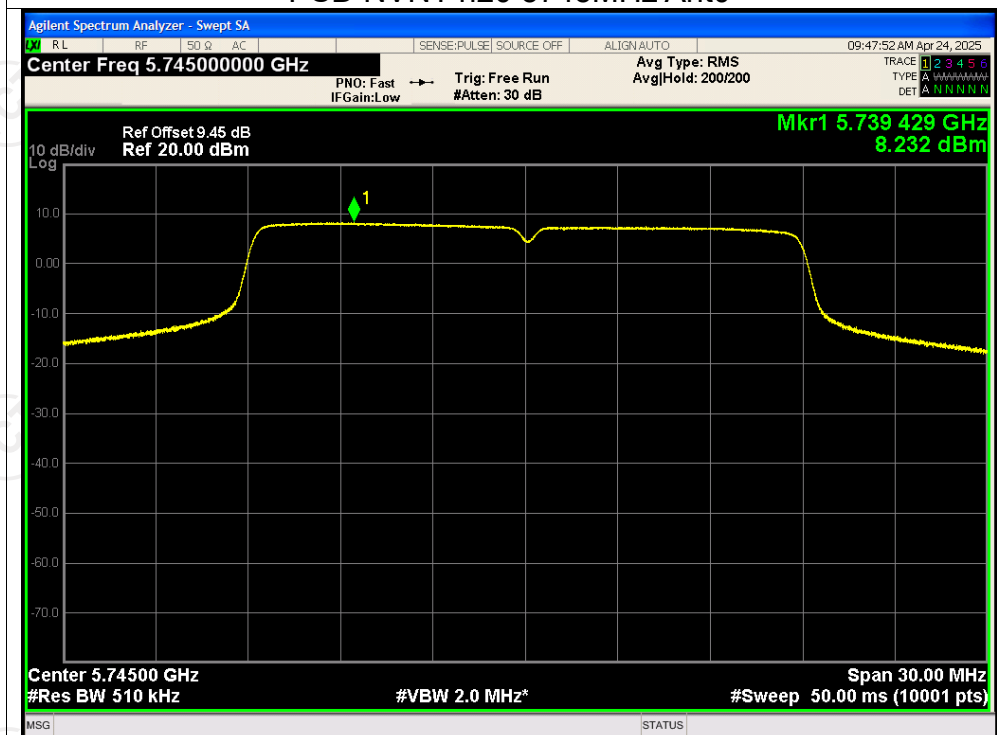
PSD NVNT a 5785MHz Ant0

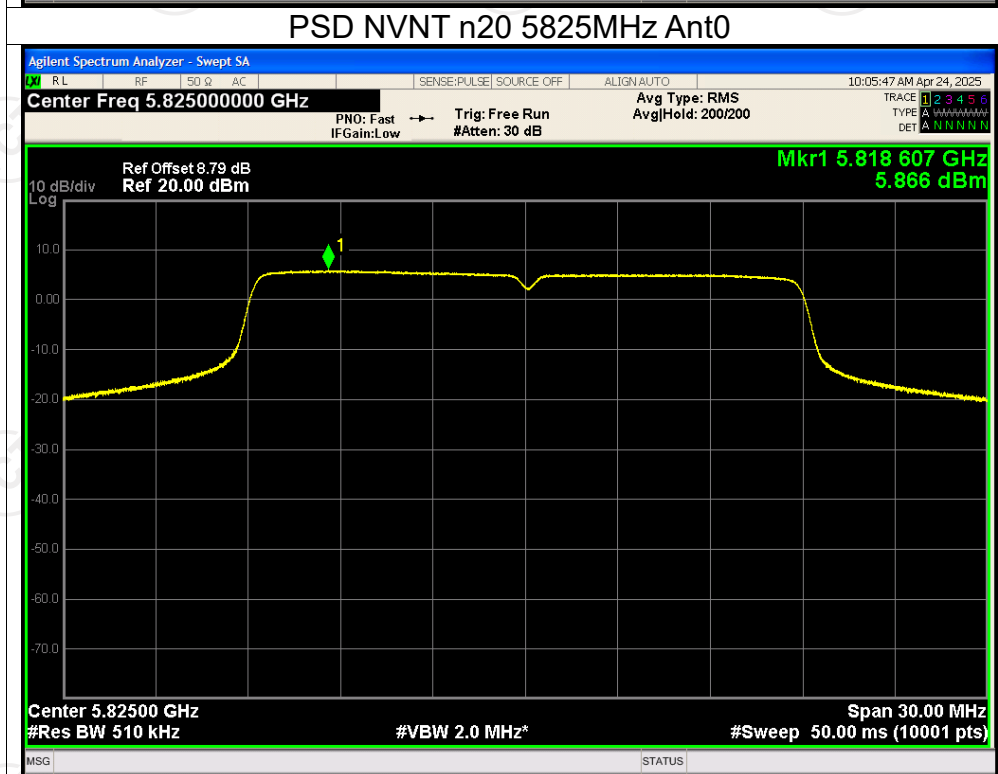
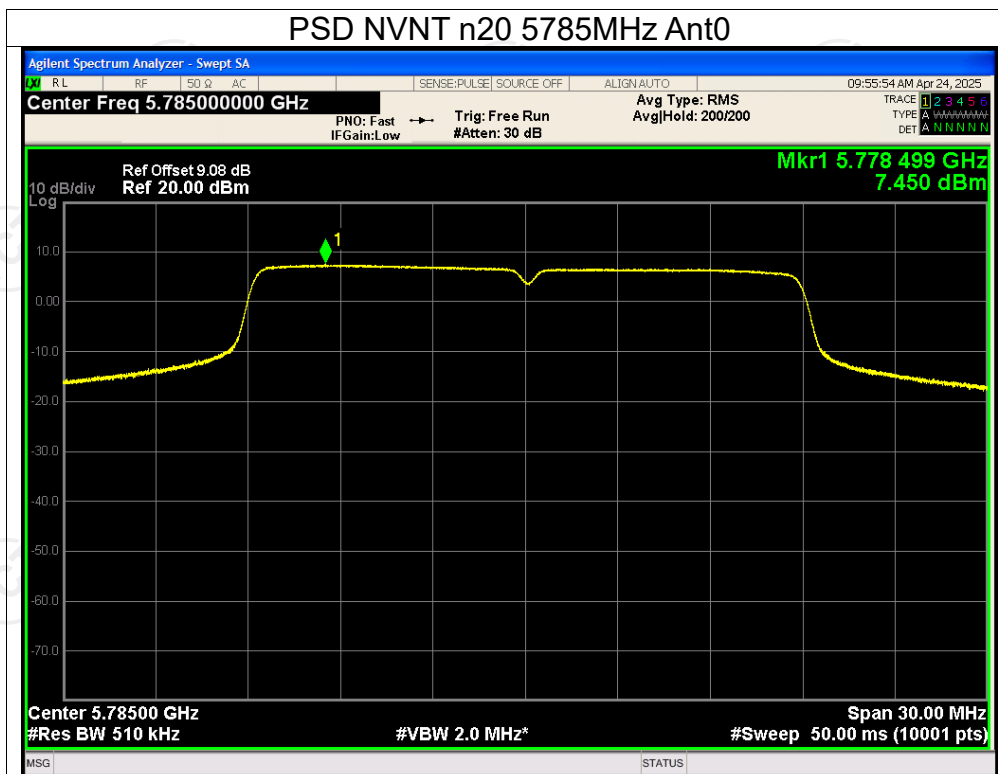


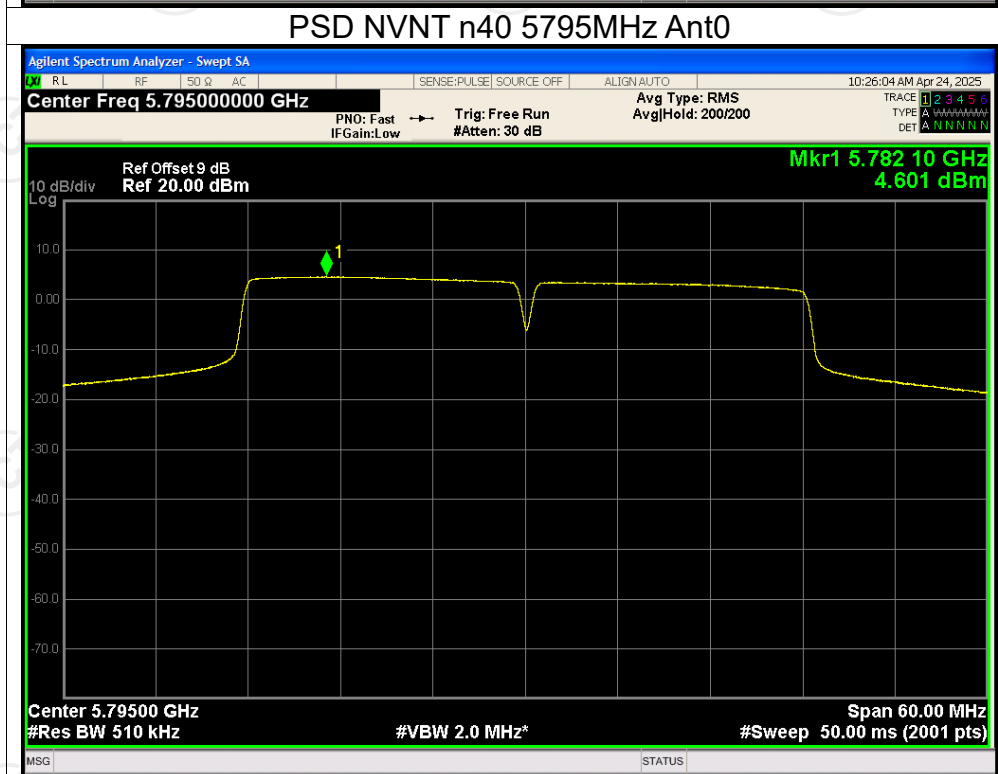
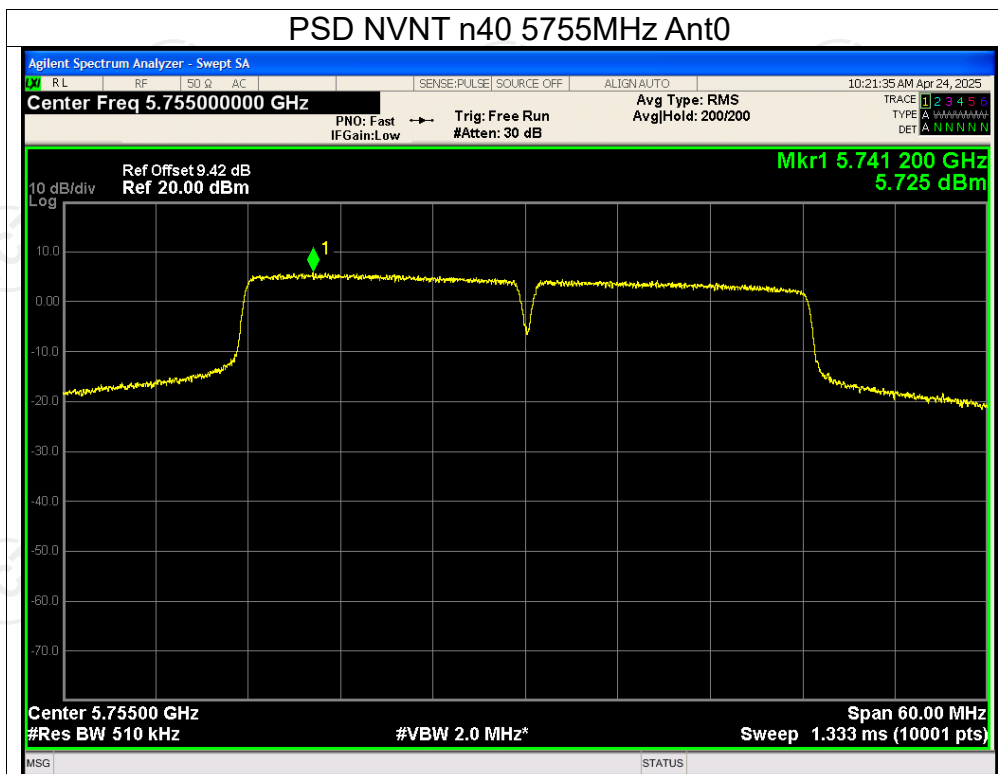
PSD NVNT a 5825MHz Ant0



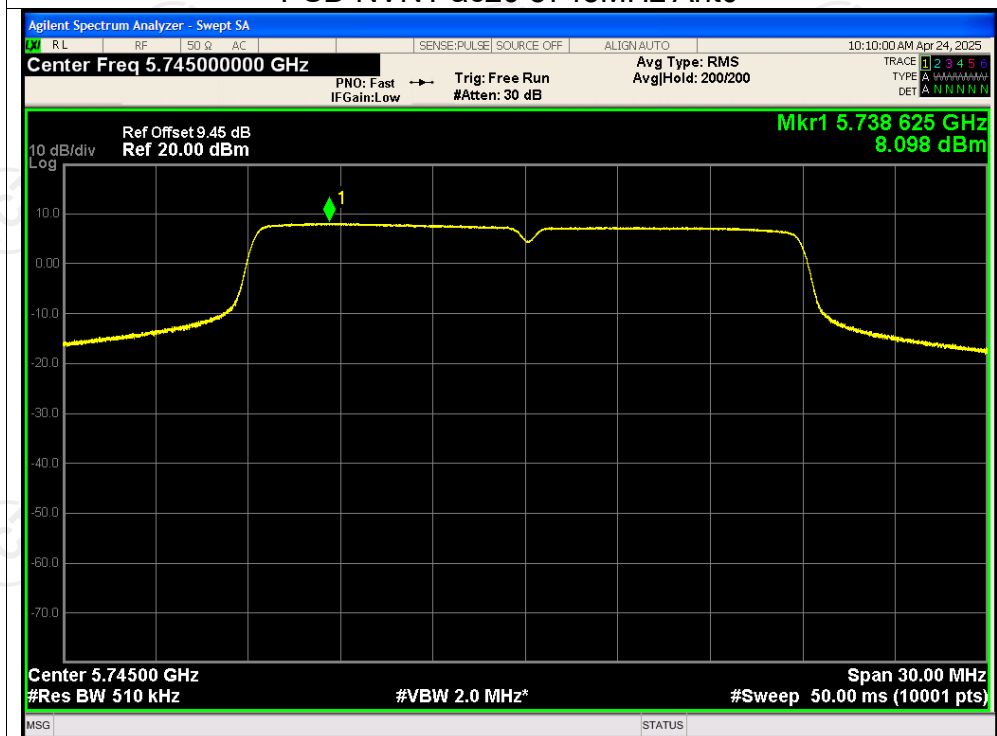
PSD NVNT n20 5745MHz Ant0



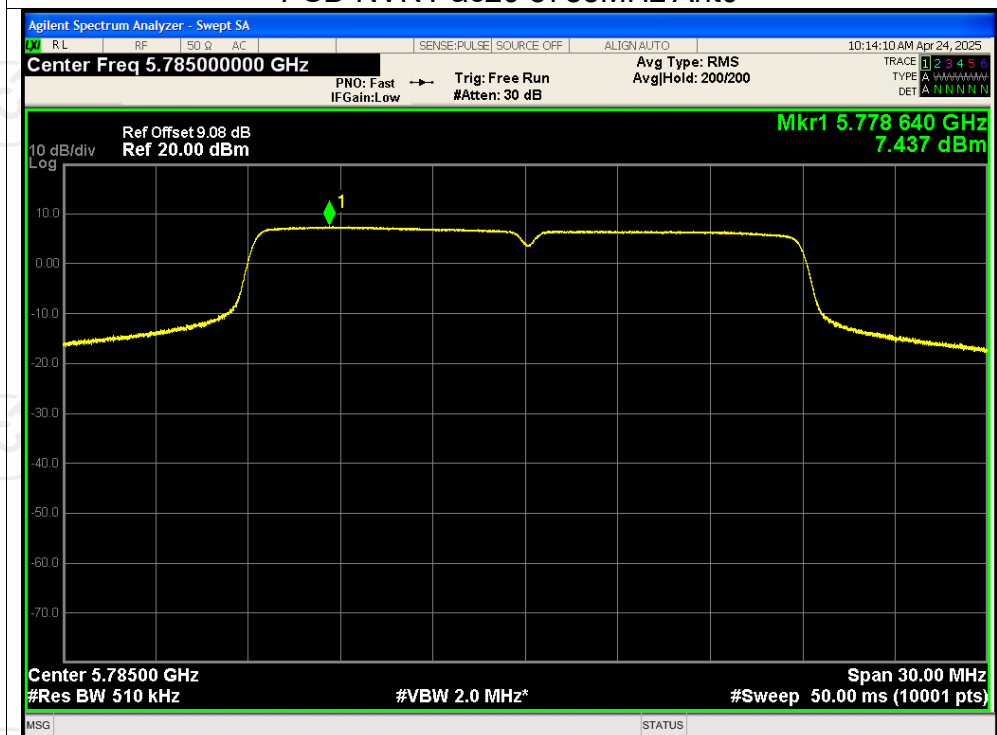




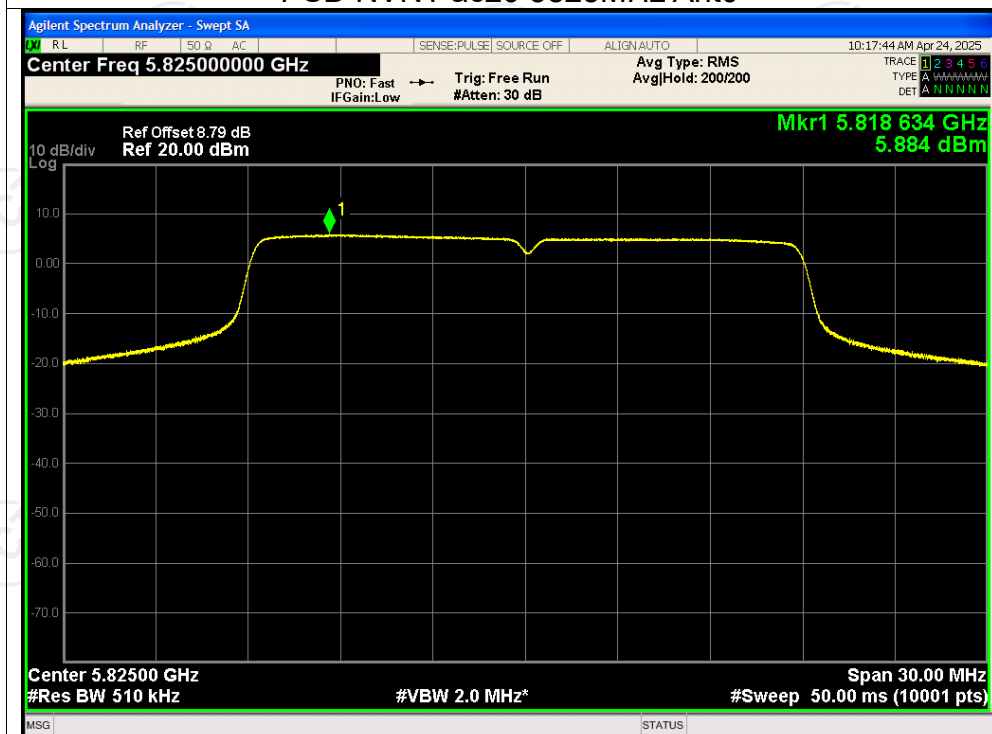
PSD NVNT ac20 5745MHz Ant0



PSD NVNT ac20 5785MHz Ant0



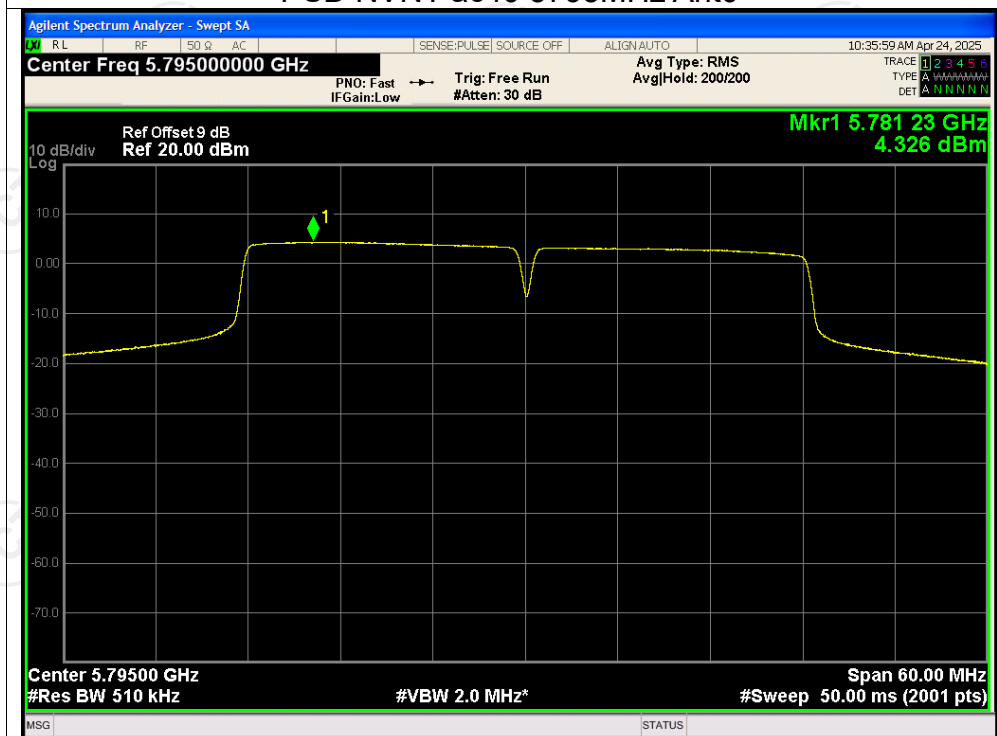
PSD NVNT ac20 5825MHz Ant0



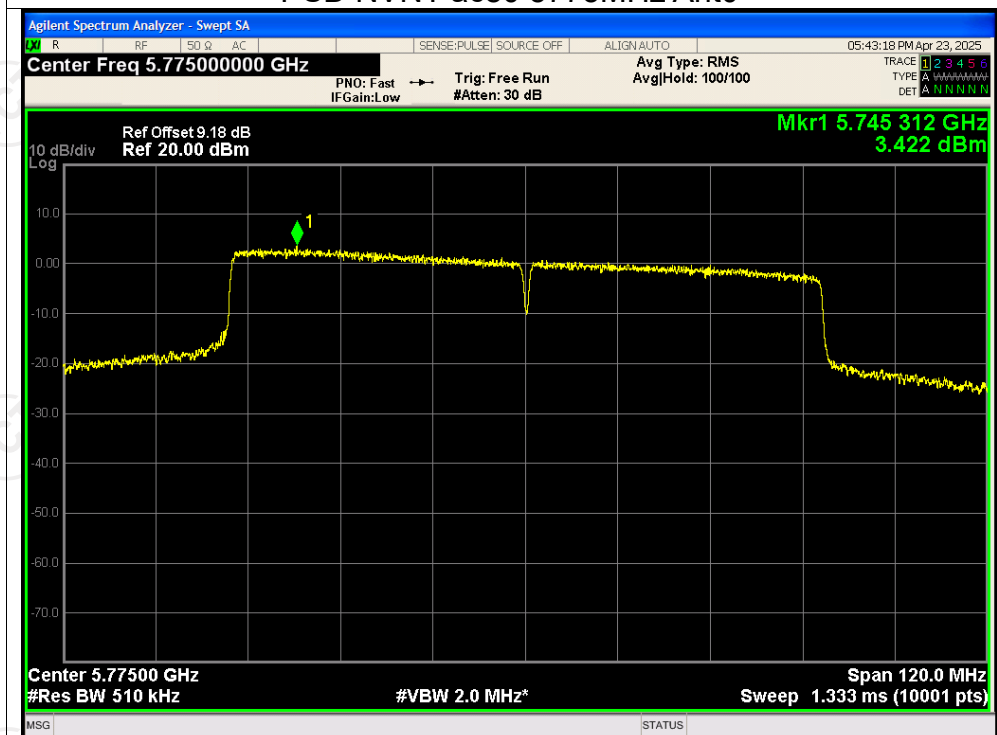
PSD NVNT ac40 5755MHz Ant0



PSD NVNT ac40 5795MHz Ant0



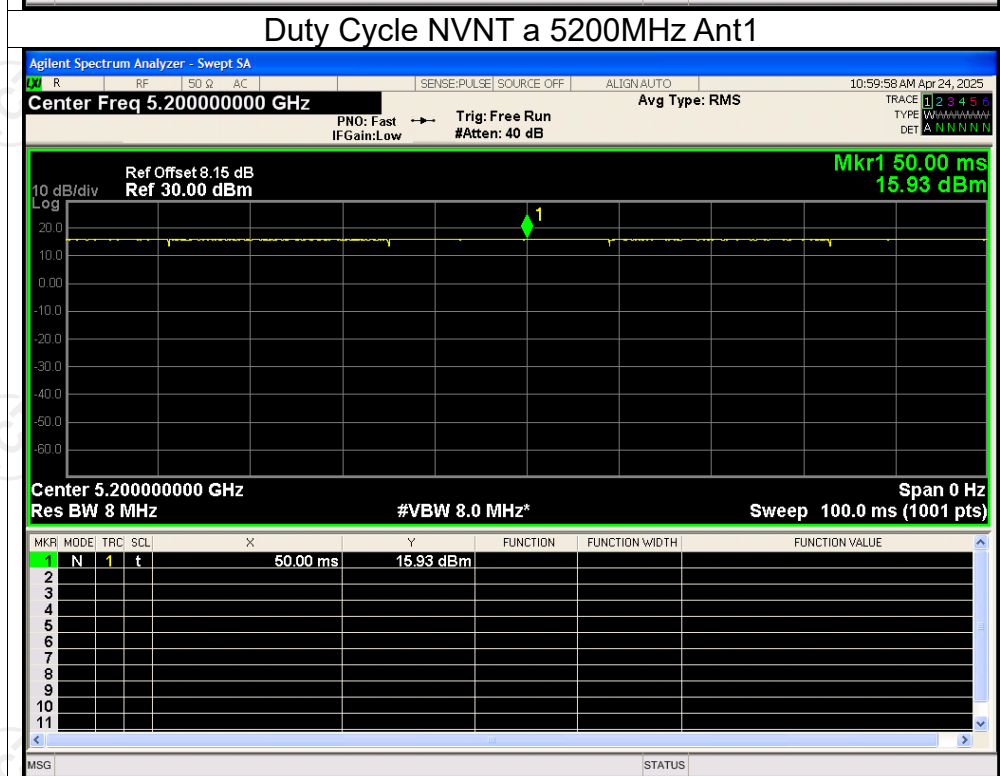
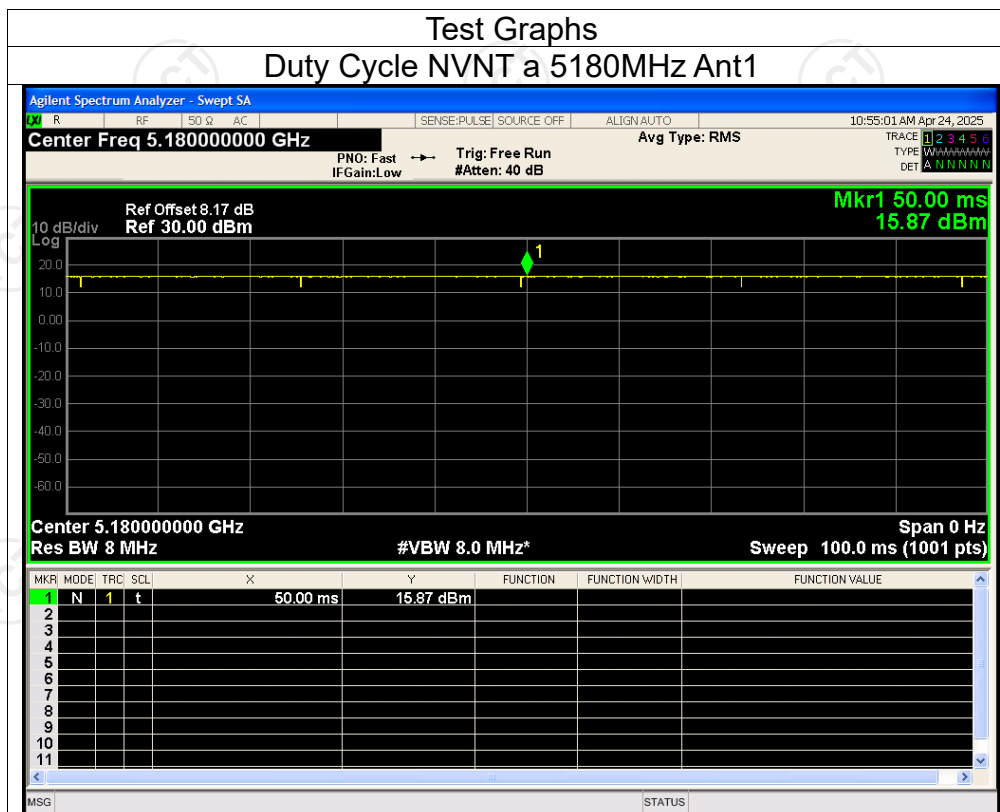
PSD NVNT ac80 5775MHz Ant0



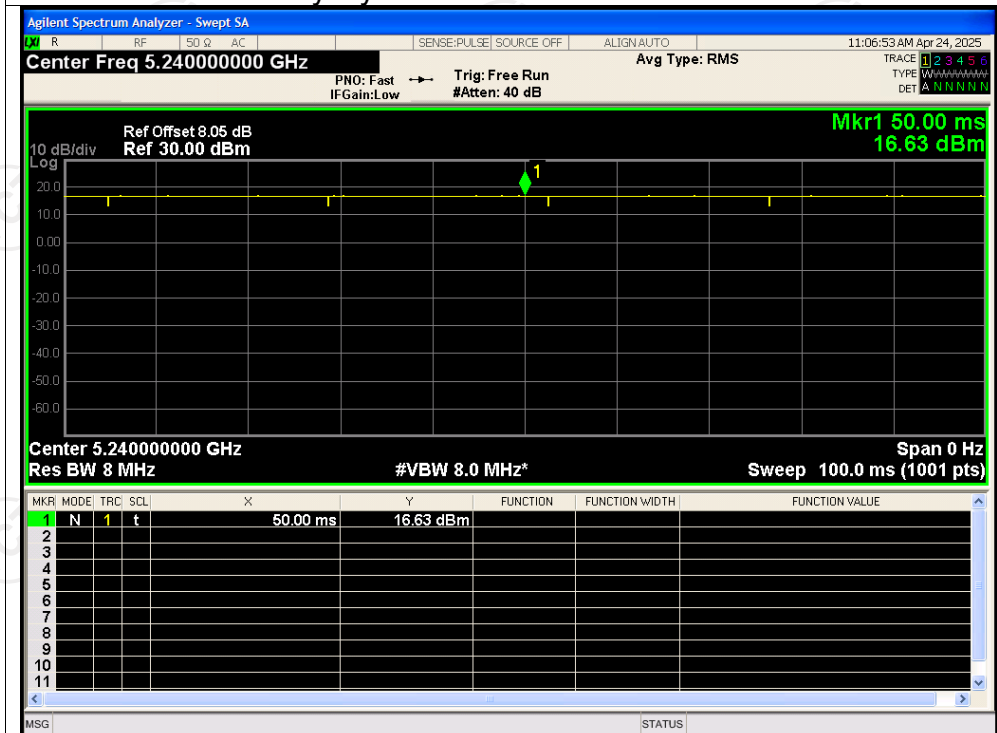
Antenna 1

Duty Cycle

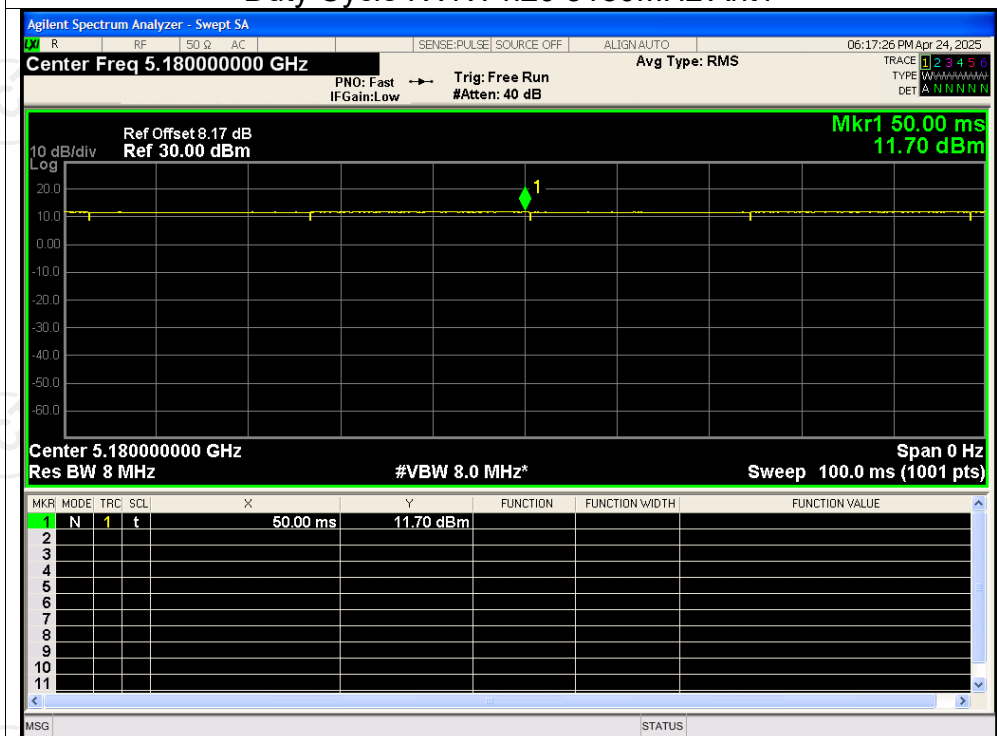
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)
NVNT	a	5180	Ant1	100
NVNT	a	5200	Ant1	100
NVNT	a	5240	Ant1	100
NVNT	n20	5180	Ant1	100
NVNT	n20	5200	Ant1	100
NVNT	n20	5240	Ant1	100
NVNT	n40	5190	Ant1	100
NVNT	n40	5230	Ant1	100
NVNT	ac20	5180	Ant1	100
NVNT	ac20	5200	Ant1	100
NVNT	ac20	5240	Ant1	100
NVNT	ac40	5190	Ant1	100
NVNT	ac40	5230	Ant1	100
NVNT	ac80	5210	Ant1	100
NVNT	a	5745	Ant1	100
NVNT	a	5785	Ant1	100
NVNT	a	5825	Ant1	100
NVNT	n20	5745	Ant1	100
NVNT	n20	5785	Ant1	100
NVNT	n20	5825	Ant1	100
NVNT	n40	5755	Ant1	100
NVNT	n40	5795	Ant1	100
NVNT	ac20	5745	Ant1	100
NVNT	ac20	5785	Ant1	100
NVNT	ac20	5825	Ant1	100
NVNT	ac40	5755	Ant1	100
NVNT	ac40	5795	Ant1	100
NVNT	ac80	5775	Ant1	100



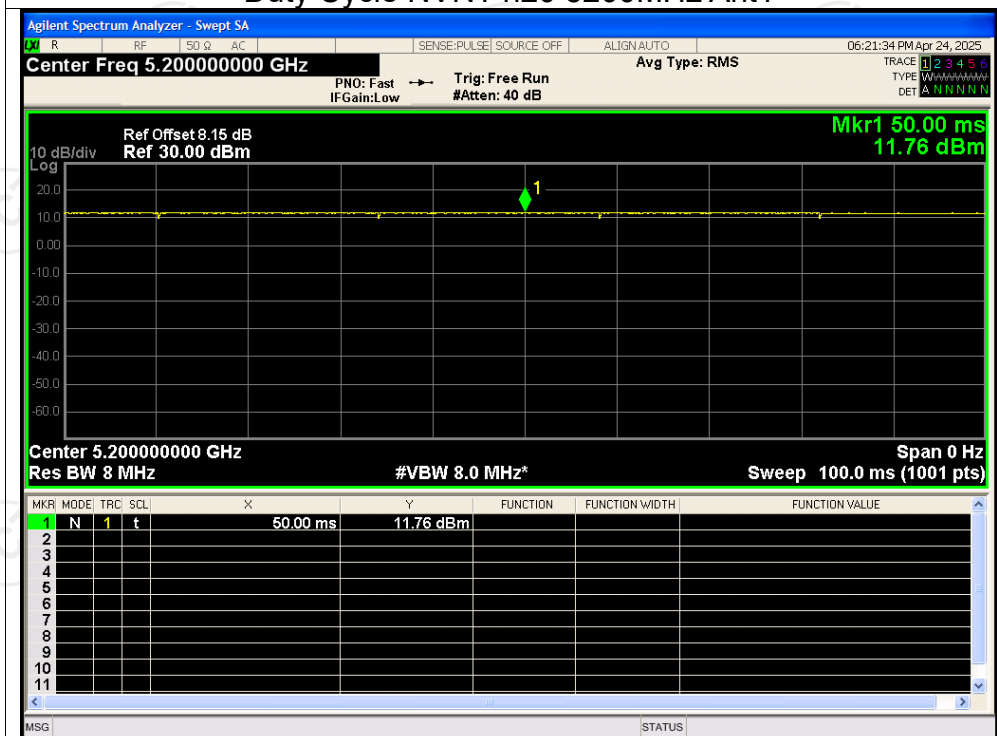
Duty Cycle NVNT a 5240MHz Ant1



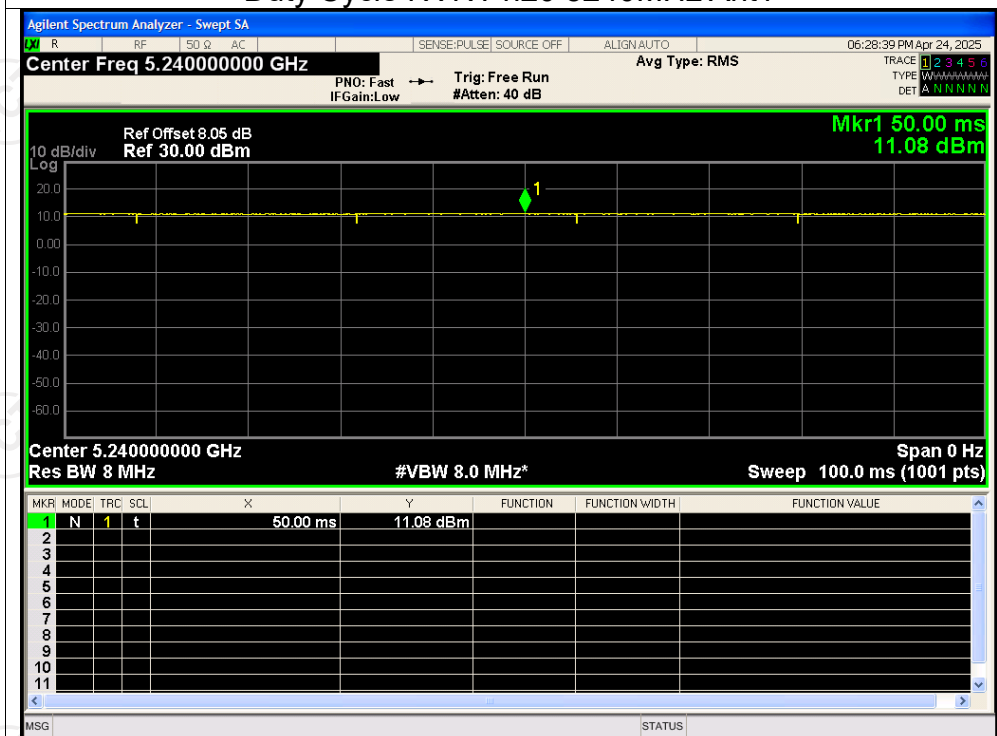
Duty Cycle NVNT n20 5180MHz Ant1



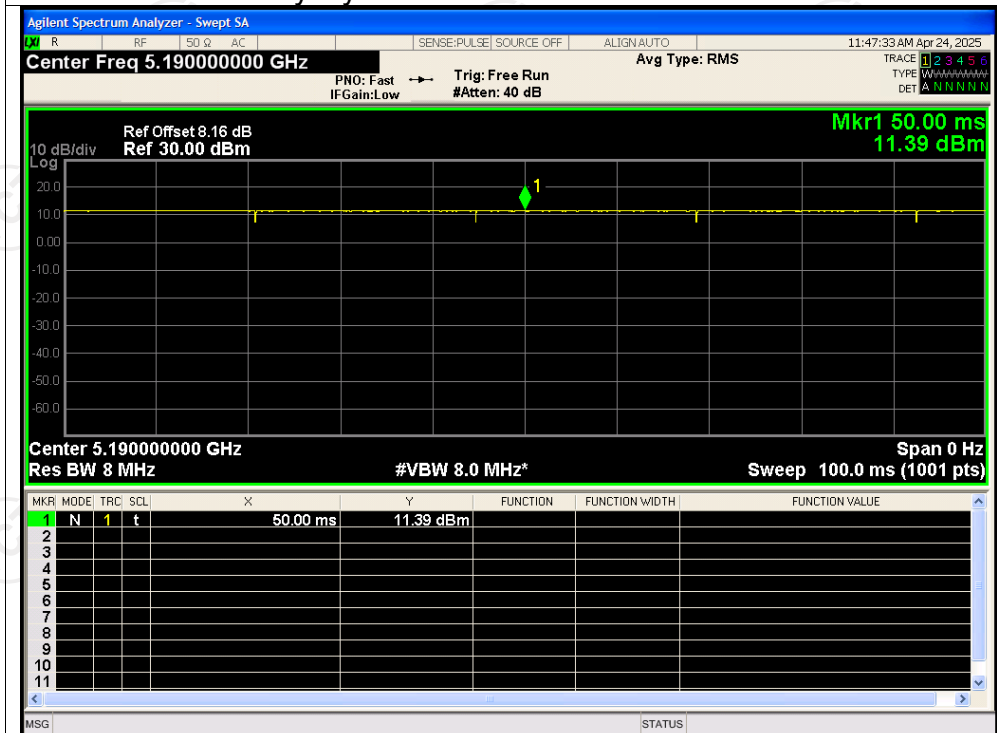
Duty Cycle NVNT n20 5200MHz Ant1



Duty Cycle NVNT n20 5240MHz Ant1



Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1

