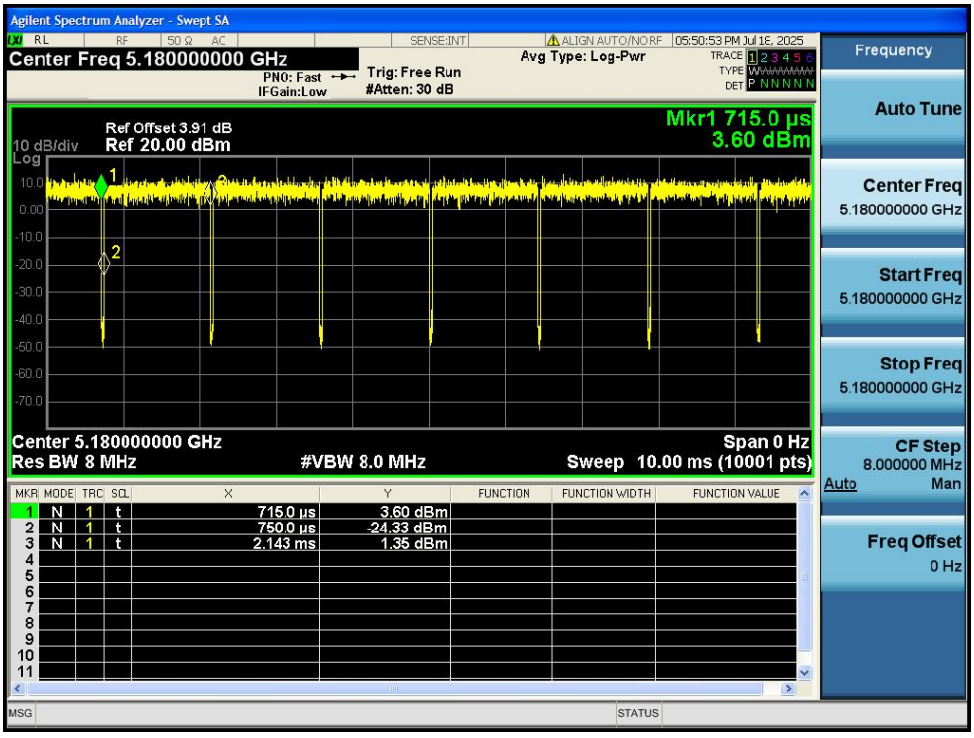
Appendix I 5G WiFi Ant2

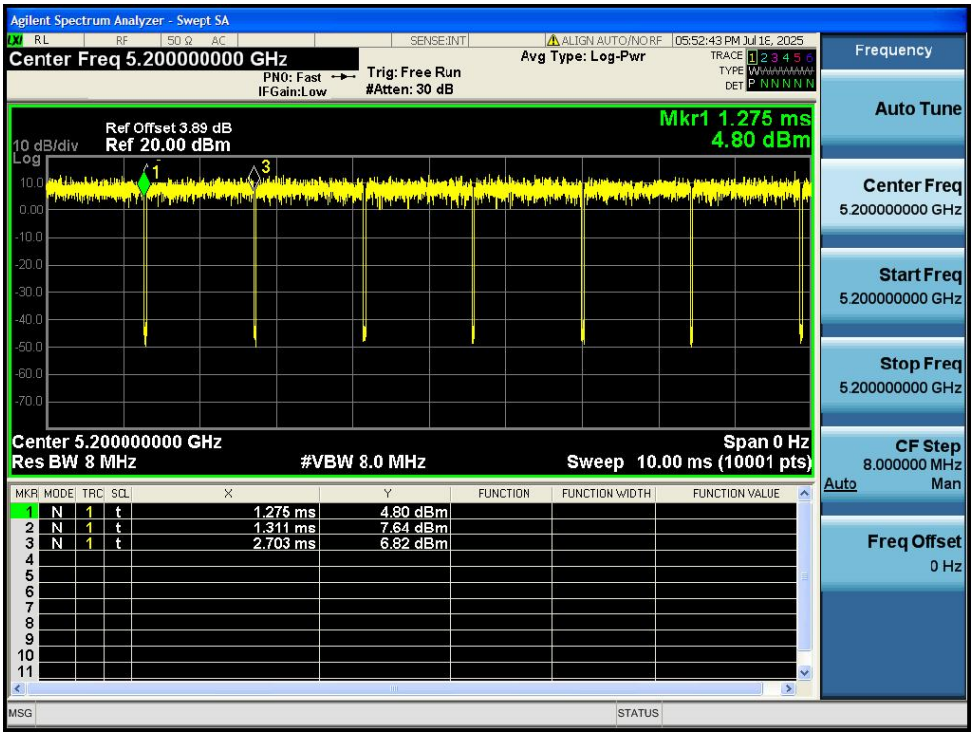
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant2	97.55	0.11	0.72
NVNT	a	5200	Ant2	97.48	0.11	0.72
NVNT	a	5240	Ant2	97.55	0.11	0.72
NVNT	a	5745	Ant2	97.48	0.11	0.72
NVNT	a	5785	Ant2	97.55	0.11	0.72
NVNT	a	5825	Ant2	97.48	0.11	0.72
NVNT	n20	5180	Ant2	97.38	0.12	0.77
NVNT	n20	5200	Ant2	97.38	0.12	0.77
NVNT	n20	5240	Ant2	97.38	0.12	0.77
NVNT	n20	5745	Ant2	97.31	0.12	0.77
NVNT	n20	5785	Ant2	97.31	0.12	0.77
NVNT	n20	5825	Ant2	97.38	0.12	0.77
NVNT	n40	5190	Ant2	95.02	0.22	1.54
NVNT	n40	5230	Ant2	94.88	0.23	1.54
NVNT	n40	5755	Ant2	95.02	0.22	1.54
NVNT	n40	5795	Ant2	95.02	0.22	1.54
NVNT	ac20	5180	Ant2	97.4	0.11	0.76
NVNT	ac20	5200	Ant2	97.4	0.11	0.76
NVNT	ac20	5240	Ant2	97.4	0.11	0.76
NVNT	ac20	5745	Ant2	97.33	0.12	0.76
NVNT	ac20	5785	Ant2	97.4	0.11	0.76
NVNT	ac20	5825	Ant2	97.4	0.11	0.76
NVNT	ac40	5190	Ant2	95.05	0.22	1.53
NVNT	ac40	5230	Ant2	95.05	0.22	1.53
NVNT	ac40	5755	Ant2	95.05	0.22	1.53
NVNT	ac40	5795	Ant2	94.91	0.23	1.53
NVNT	ac80	5210	Ant2	90.53	0.43	3.08
NVNT	ac80	5775	Ant2	90.53	0.43	3.08

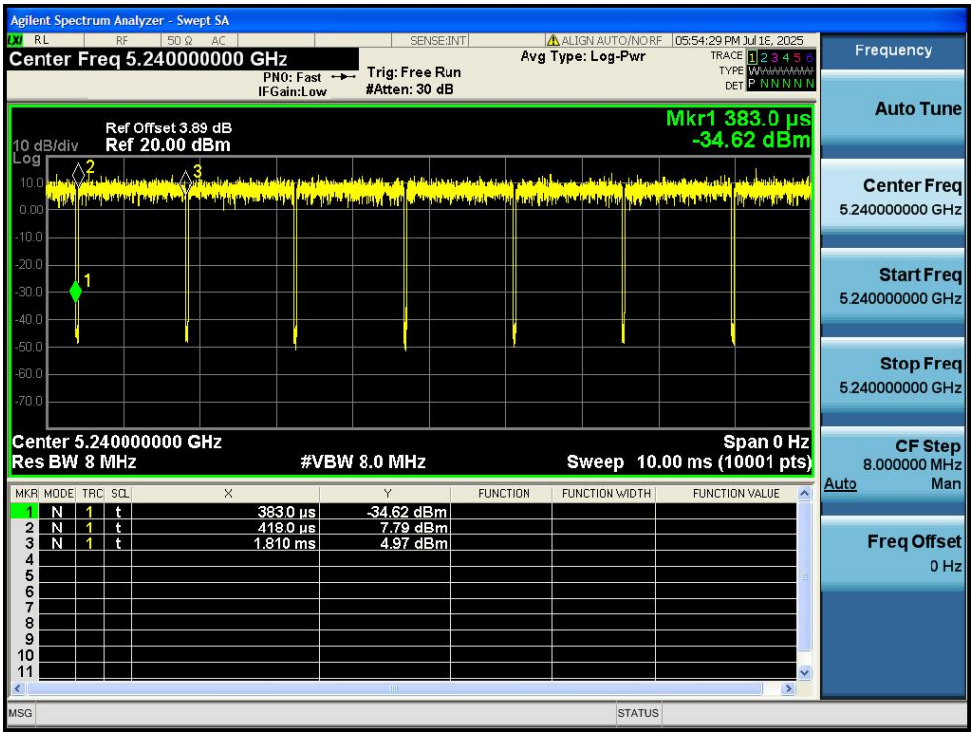
Test Graphs
Duty Cycle NVNT a 5180MHz Ant2



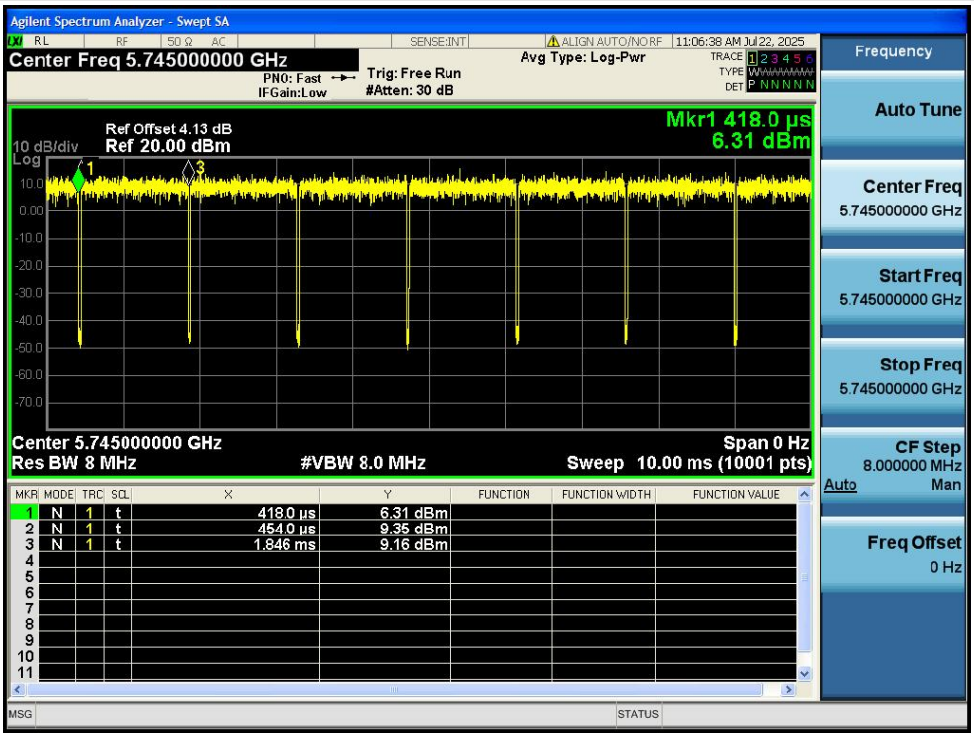
Duty Cycle NVNT a 5200MHz Ant2



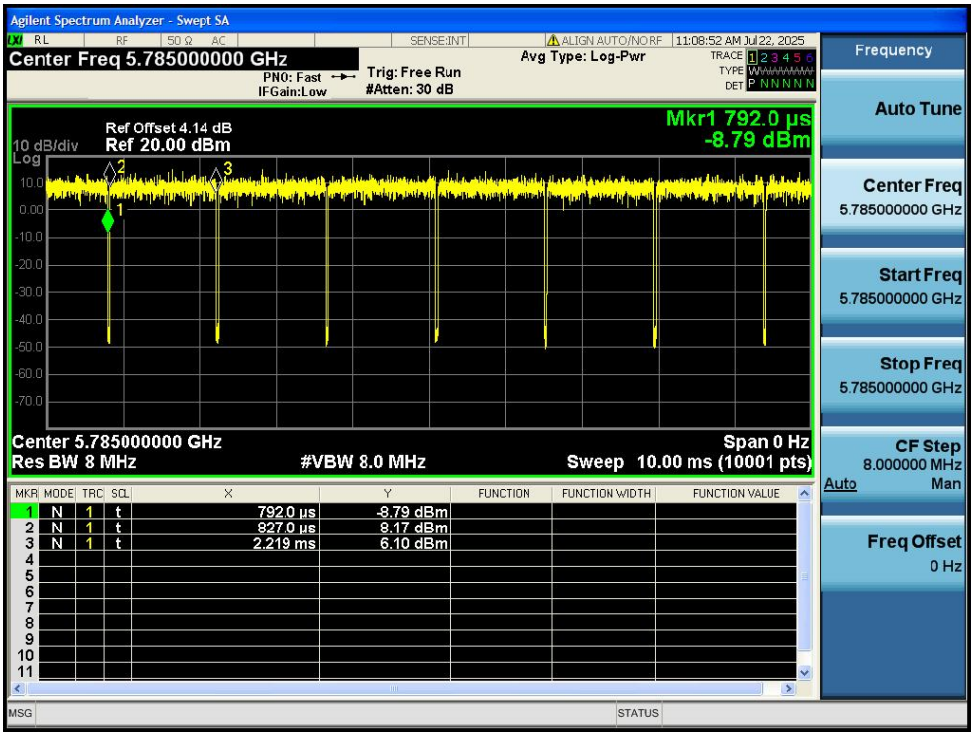
Duty Cycle NVNT a 5240MHz Ant2



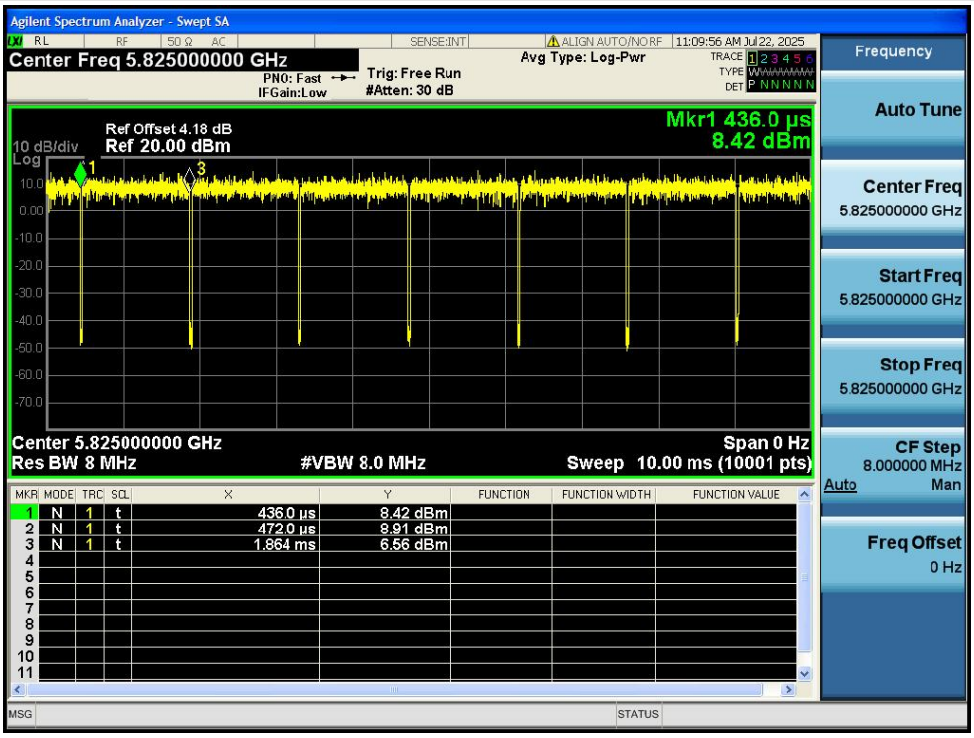
Duty Cycle NVNT a 5745MHz Ant2



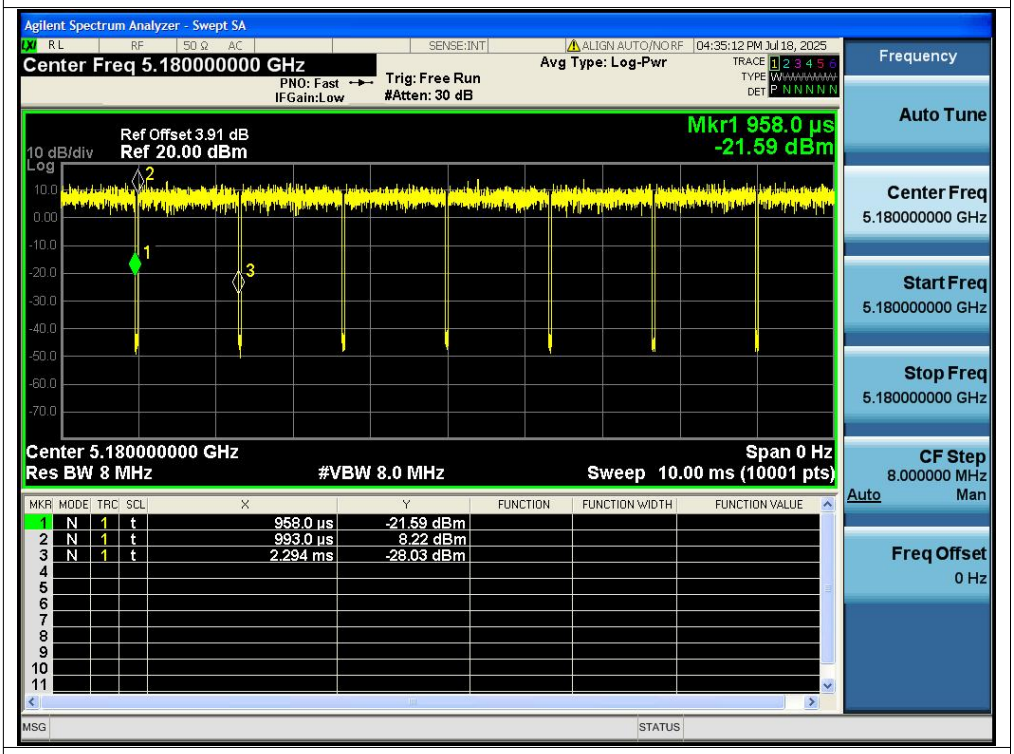
Duty Cycle NVNT a 5785MHz Ant2



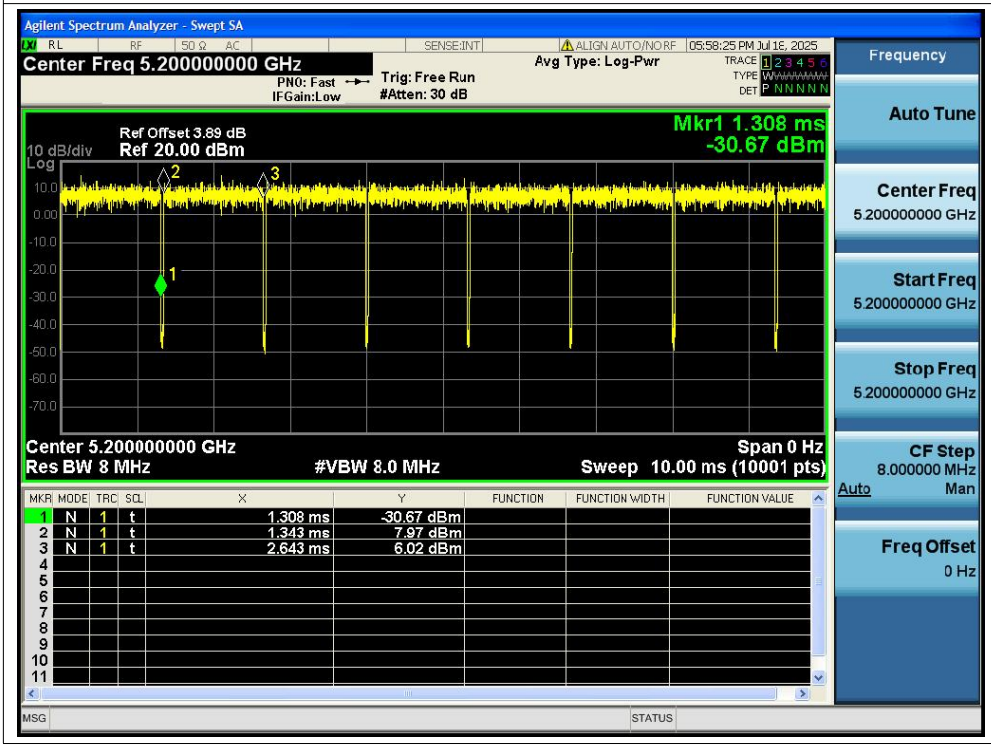
Duty Cycle NVNT a 5825MHz Ant2



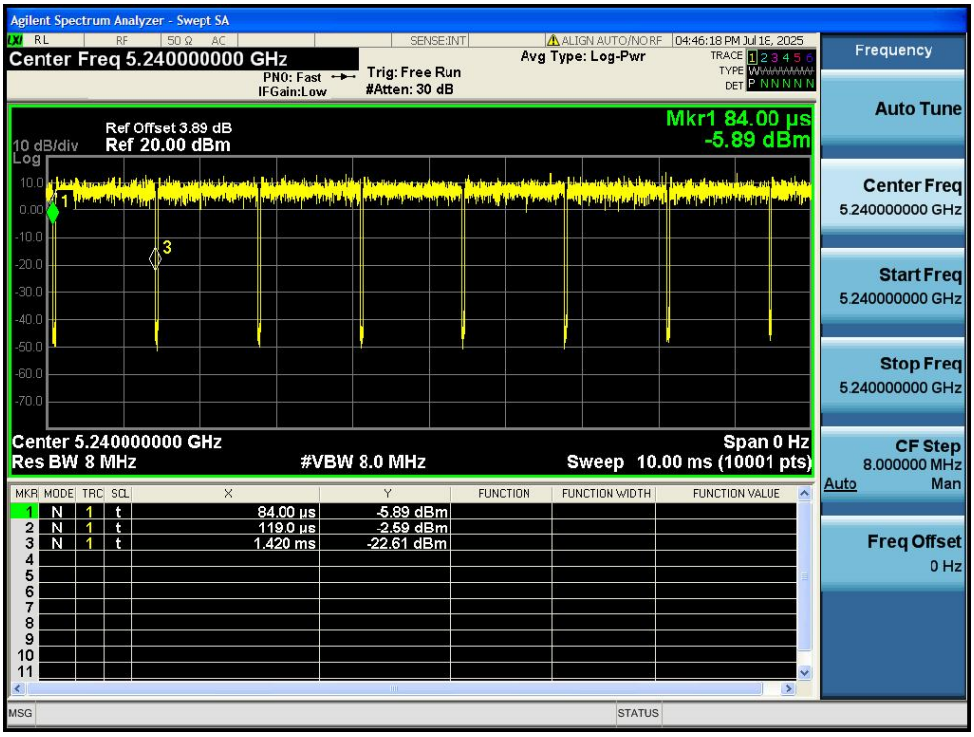
Duty Cycle NVNT n20 5180MHz Ant2



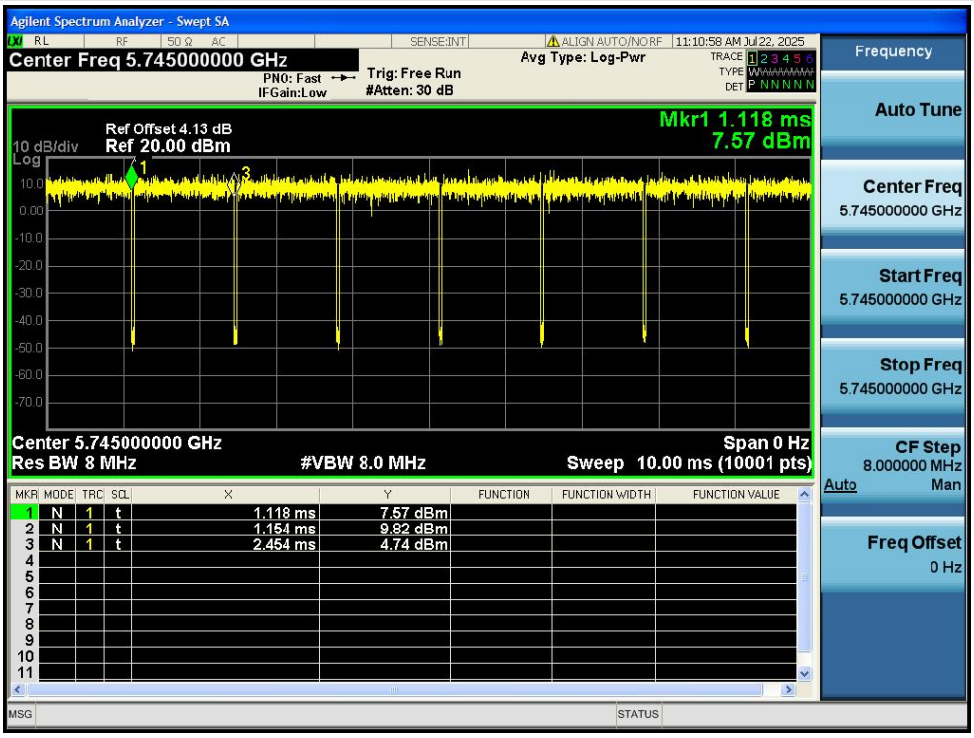
Duty Cycle NVNT n20 5200MHz Ant2



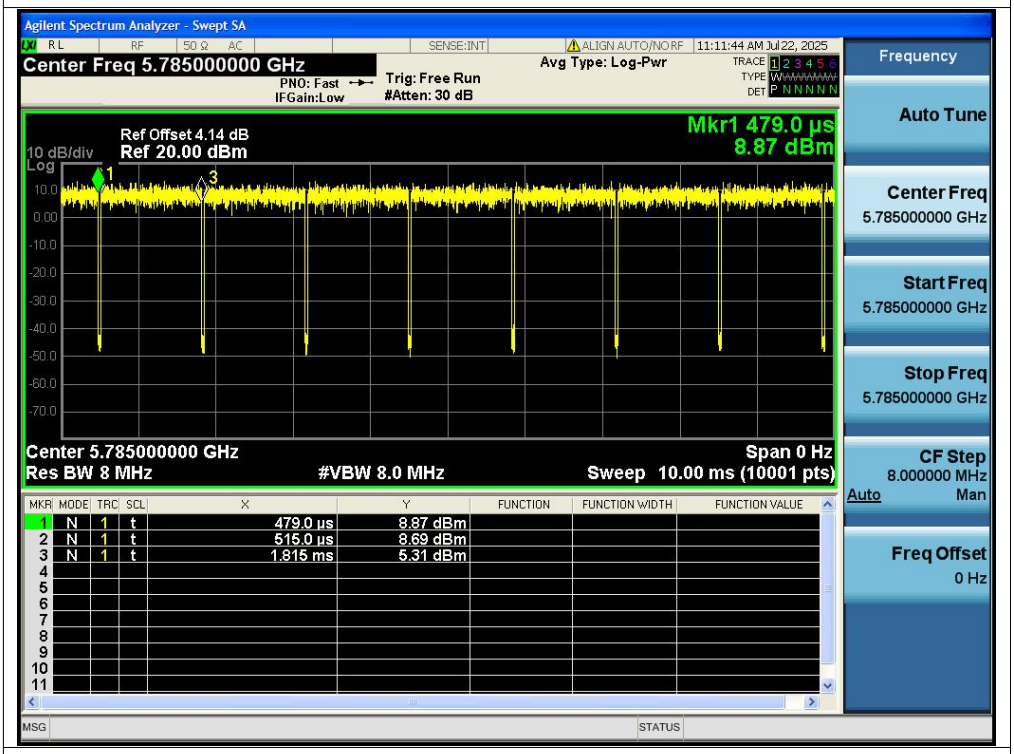
Duty Cycle NVNT n20 5240MHz Ant2



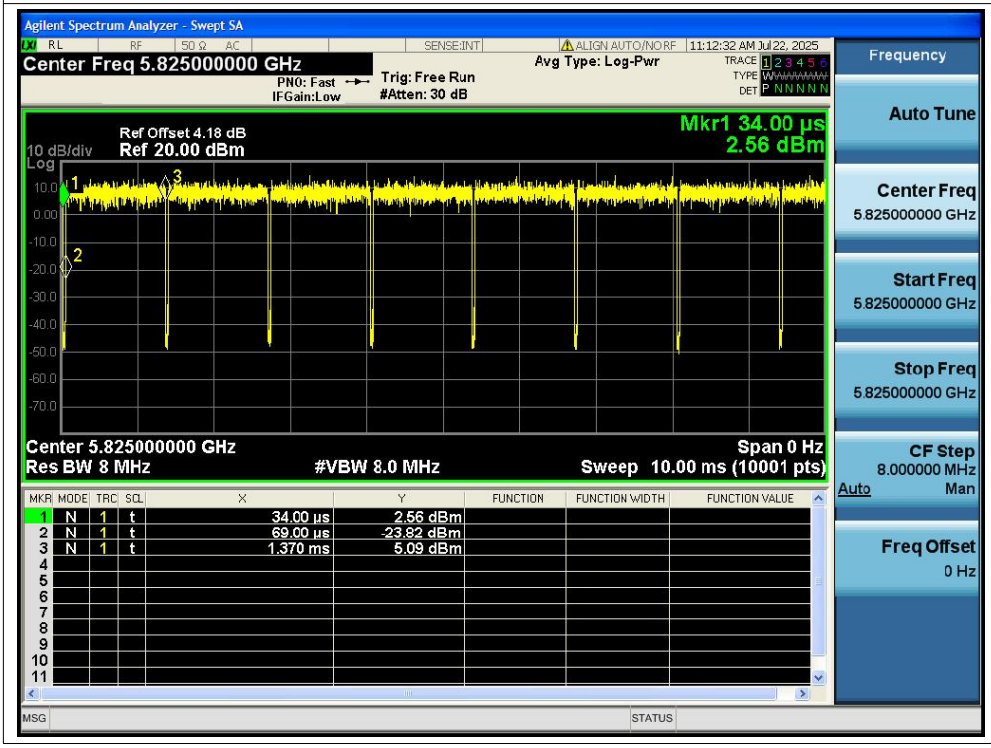
Duty Cycle NVNT n20 5745MHz Ant2



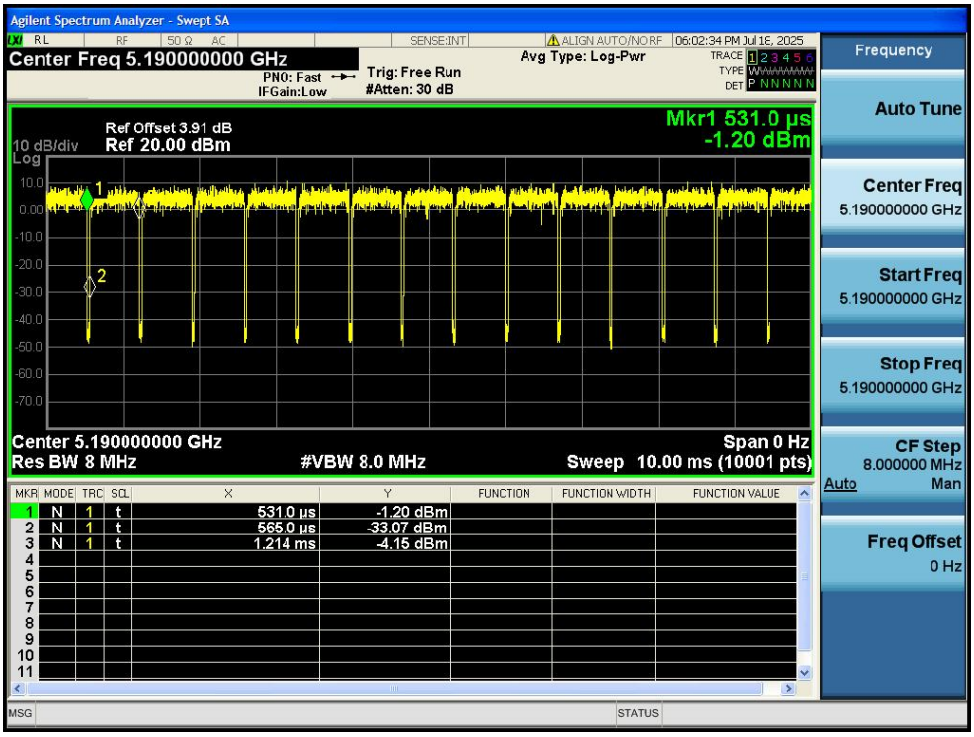
Duty Cycle NVNT n20 5785MHz Ant2



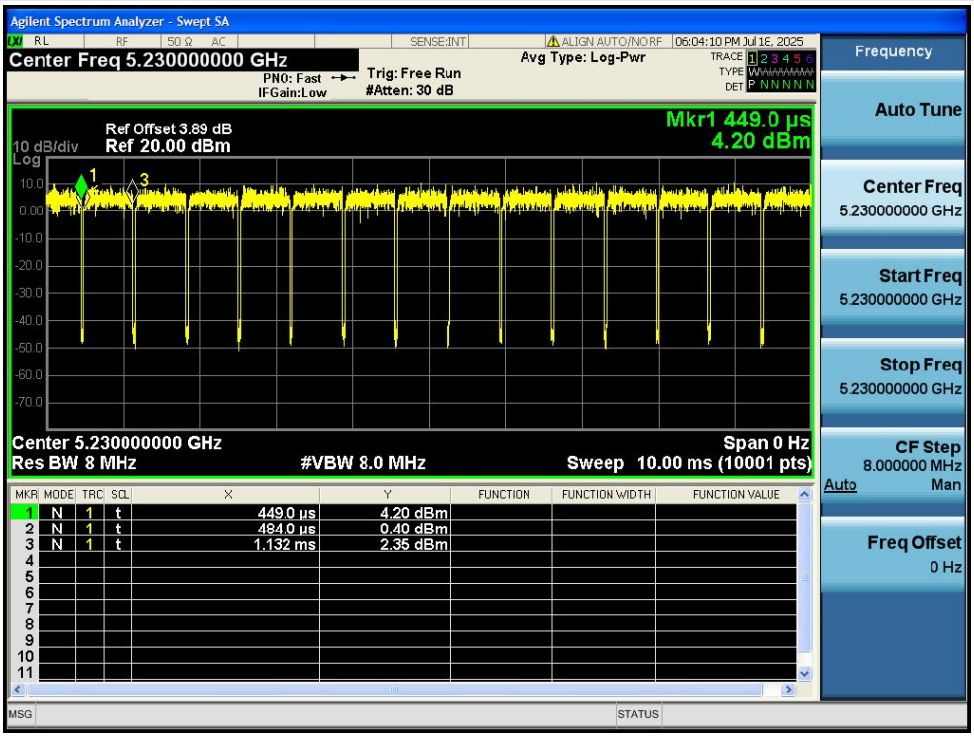
Duty Cycle NVNT n20 5825MHz Ant2



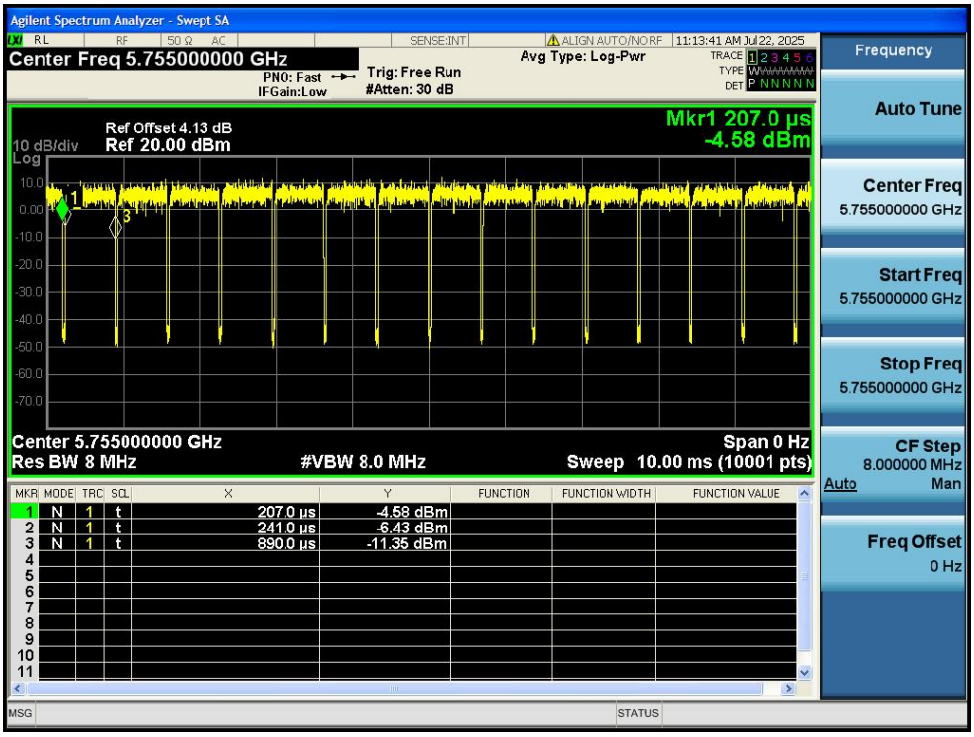
Duty Cycle NVNT n40 5190MHz Ant2



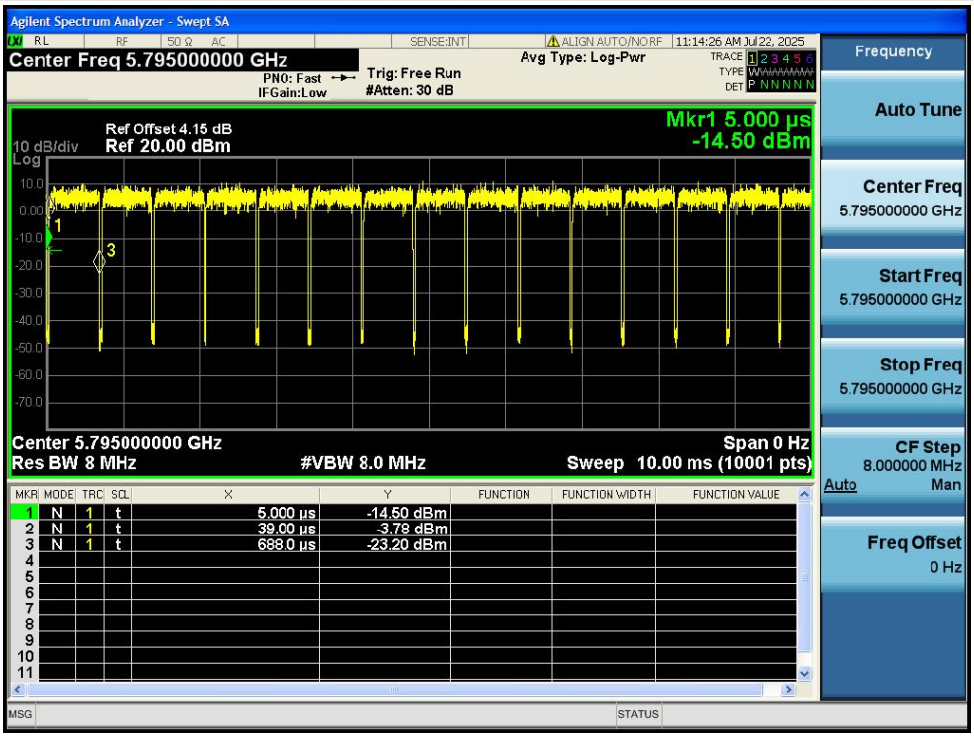
Duty Cycle NVNT n40 5230MHz Ant2



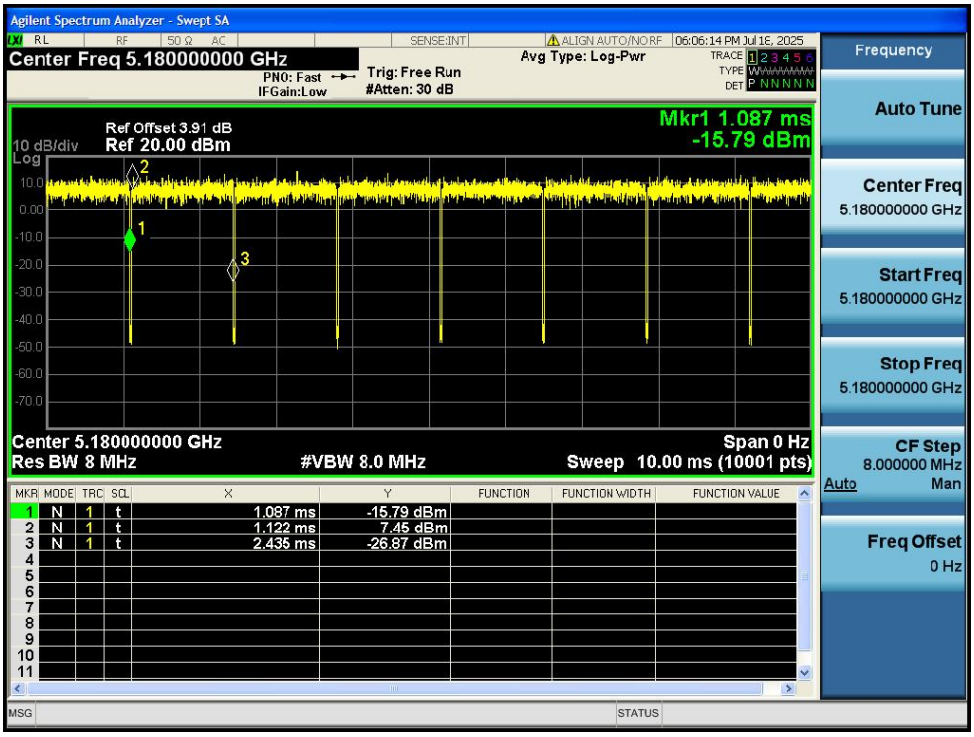
Duty Cycle NVNT n40 5755MHz Ant2



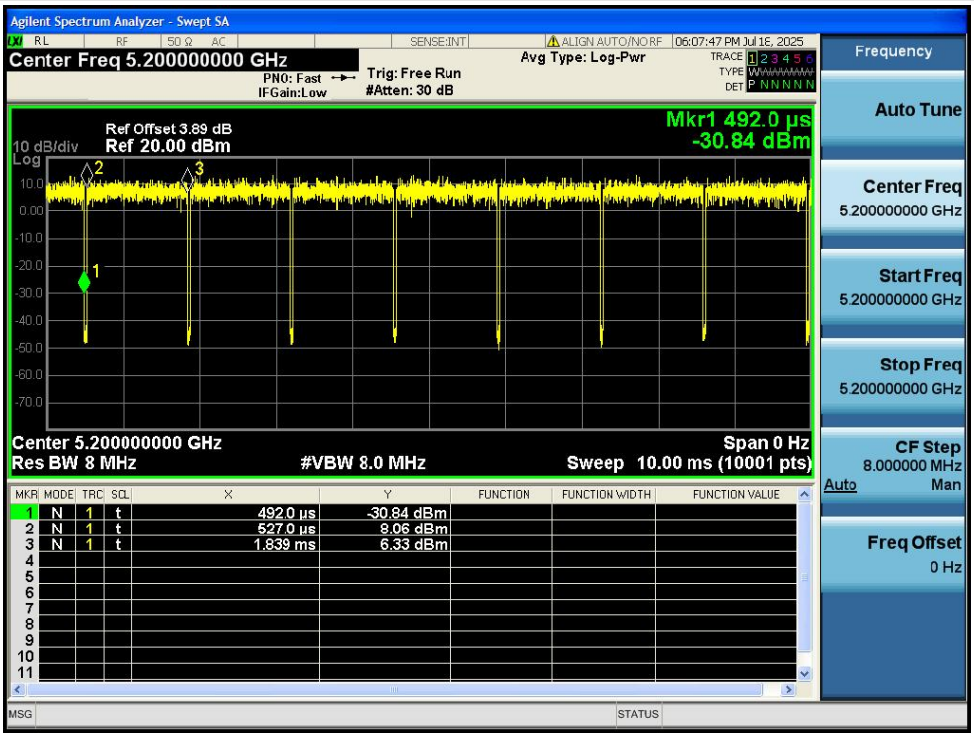
Duty Cycle NVNT n40 5795MHz Ant2



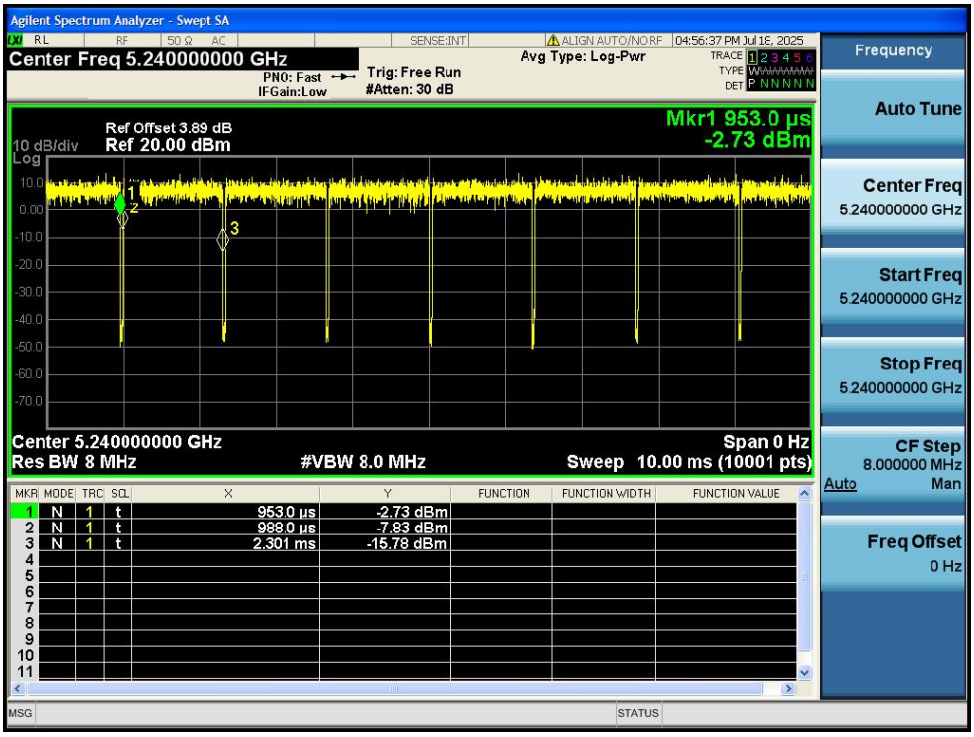
Duty Cycle NVNT ac20 5180MHz Ant2



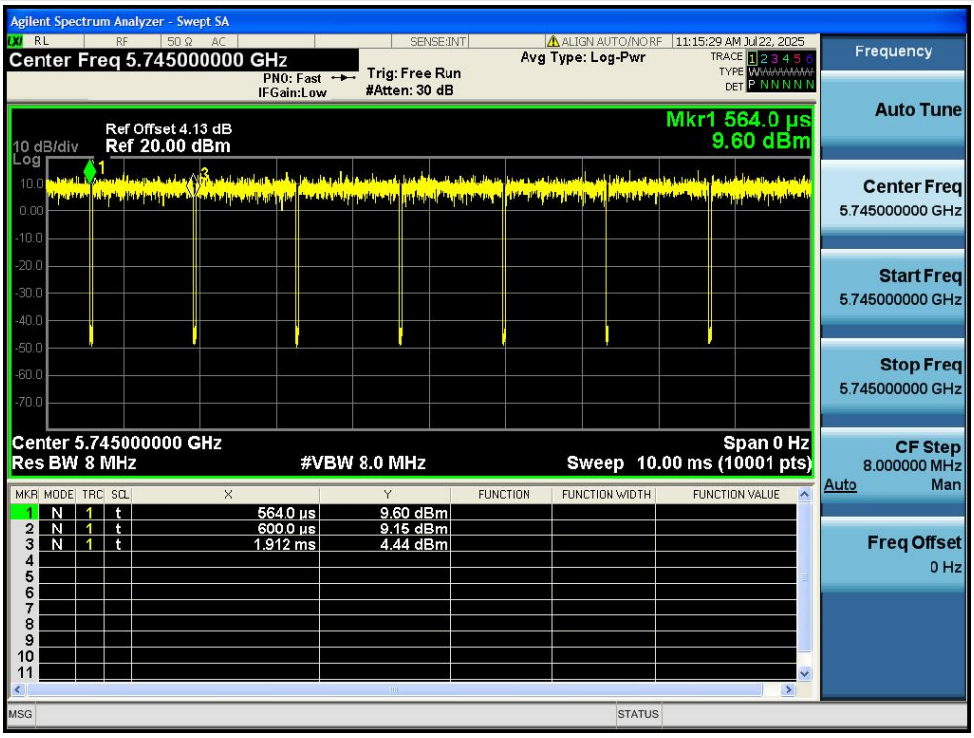
Duty Cycle NVNT ac20 5200MHz Ant2



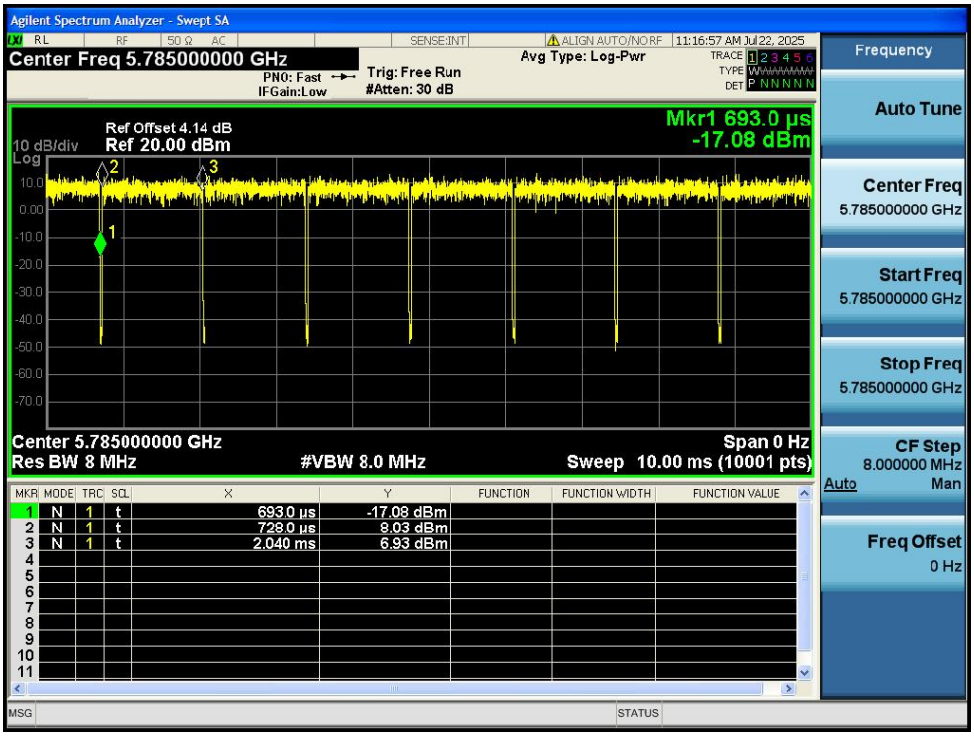
Duty Cycle NVNT ac20 5240MHz Ant2



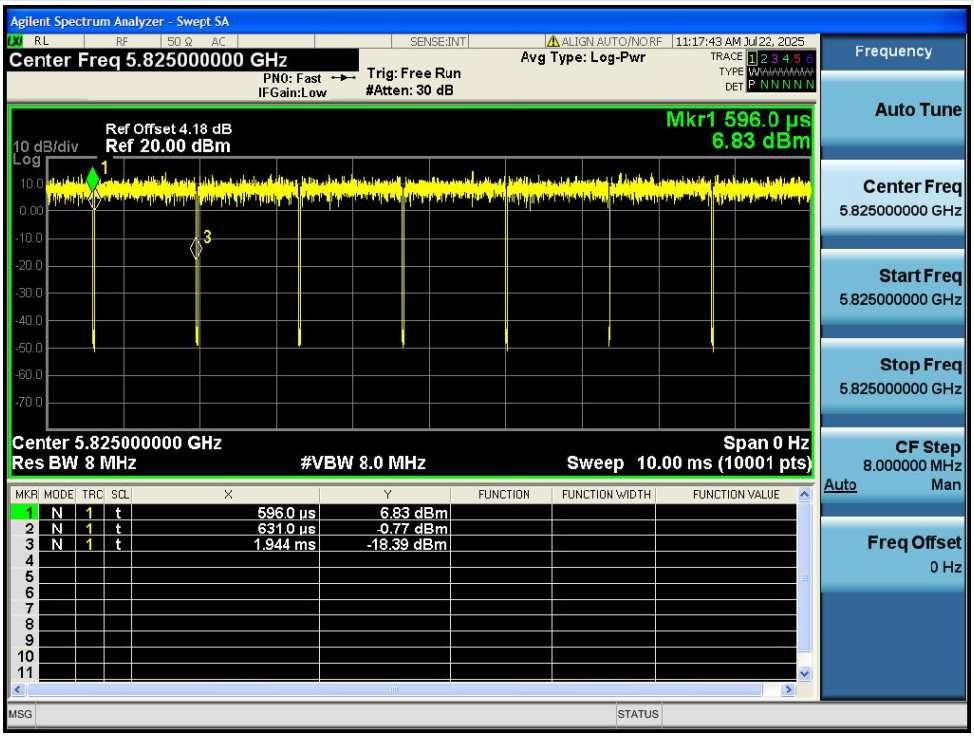
Duty Cycle NVNT ac20 5745MHz Ant2



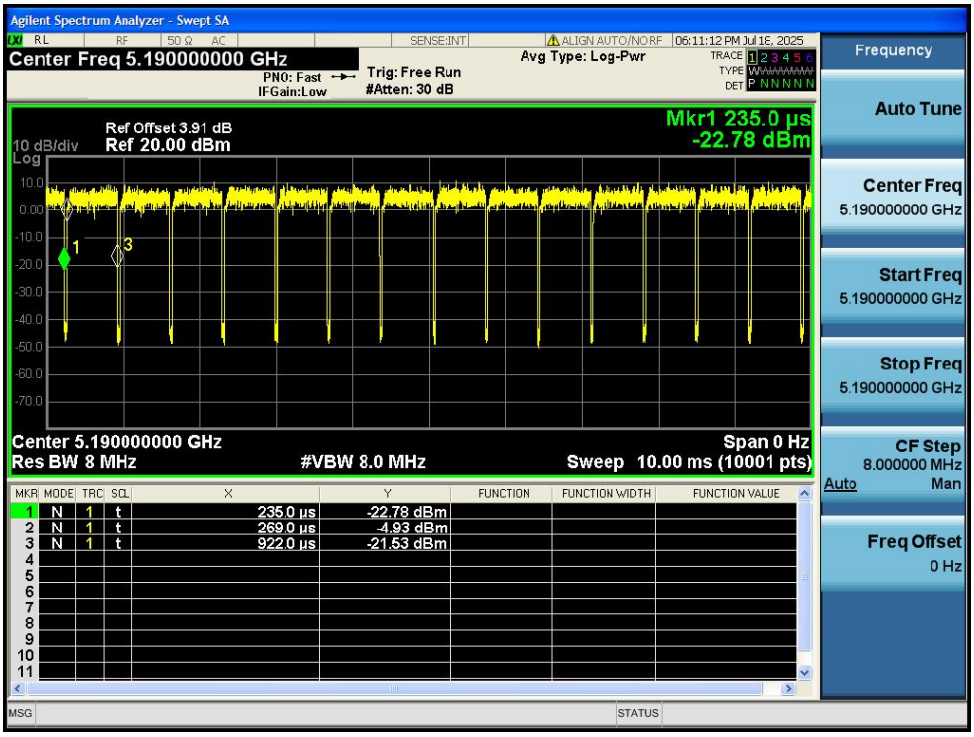
Duty Cycle NVNT ac20 5785MHz Ant2



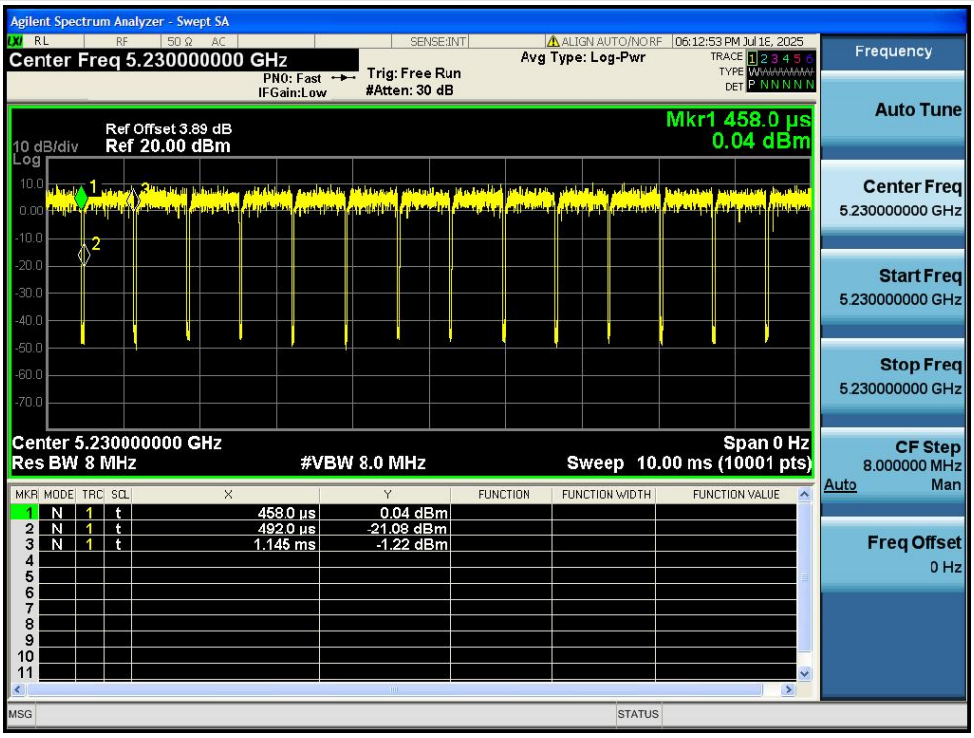
Duty Cycle NVNT ac20 5825MHz Ant2



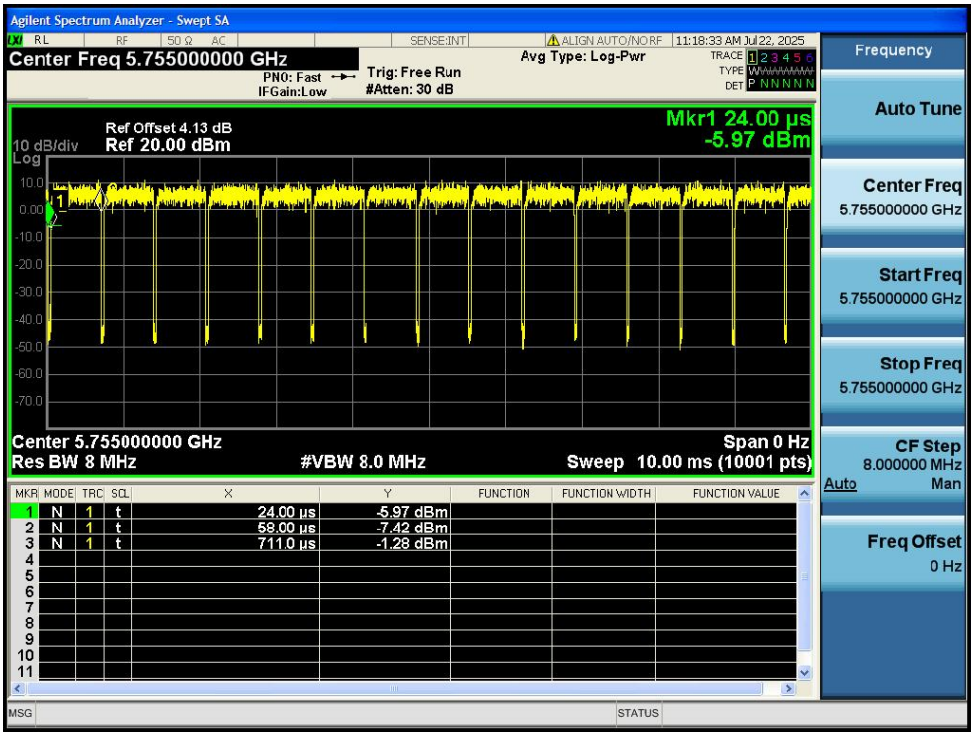
Duty Cycle NVNT ac40 5190MHz Ant2



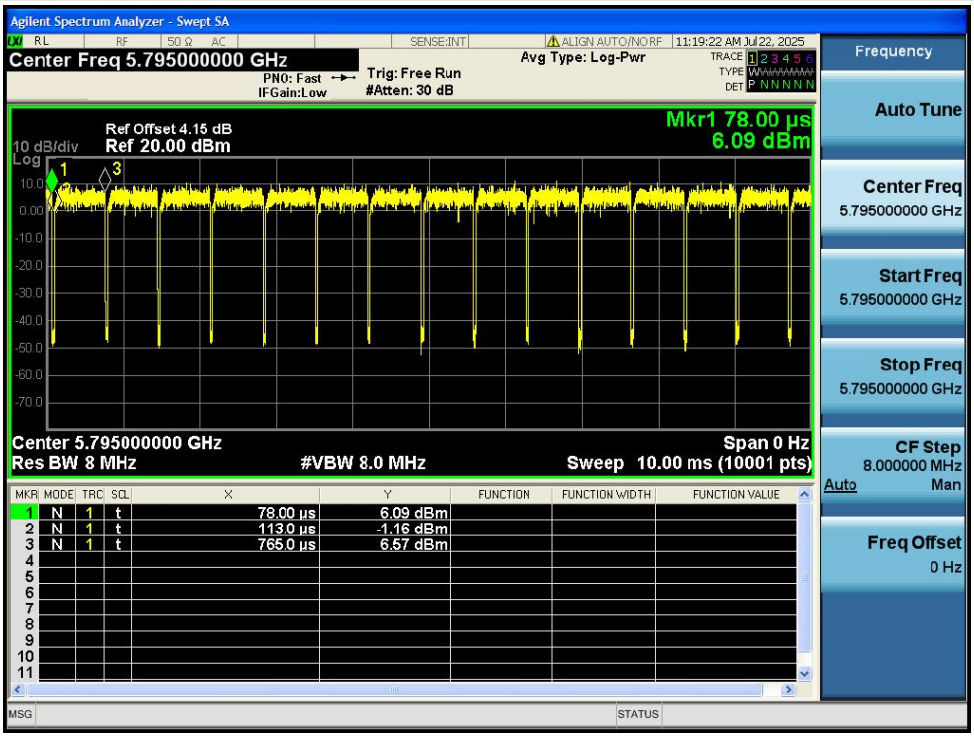
Duty Cycle NVNT ac40 5230MHz Ant2



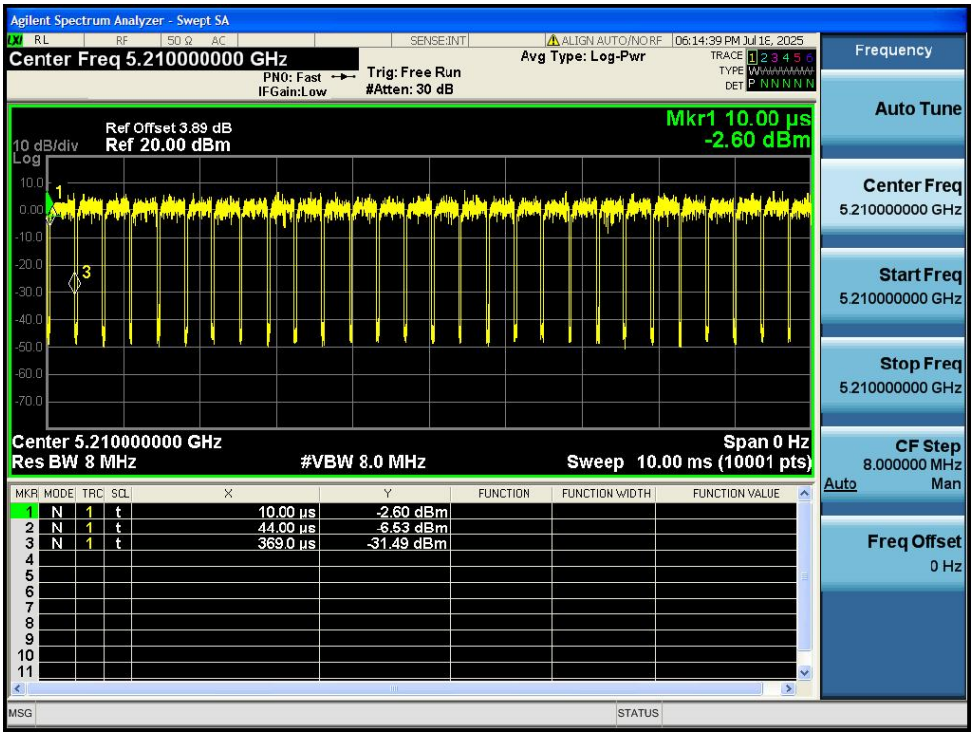
Duty Cycle NVNT ac40 5755MHz Ant2



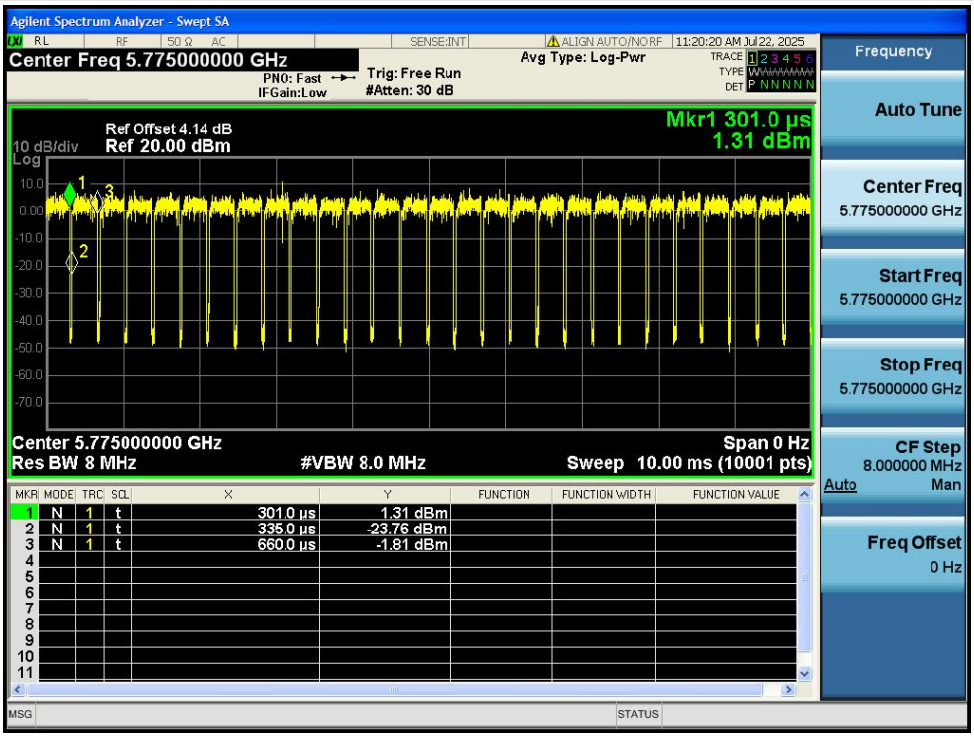
Duty Cycle NVNT ac40 5795MHz Ant2



Duty Cycle NVNT ac80 5210MHz Ant2



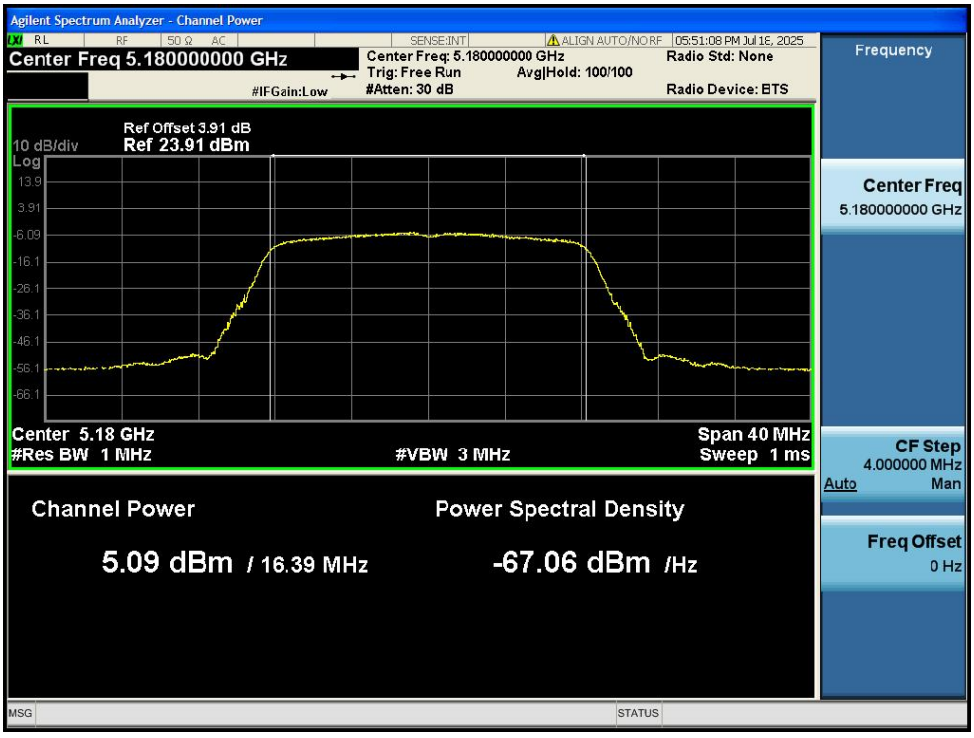
Duty Cycle NVNT ac80 5775MHz Ant2



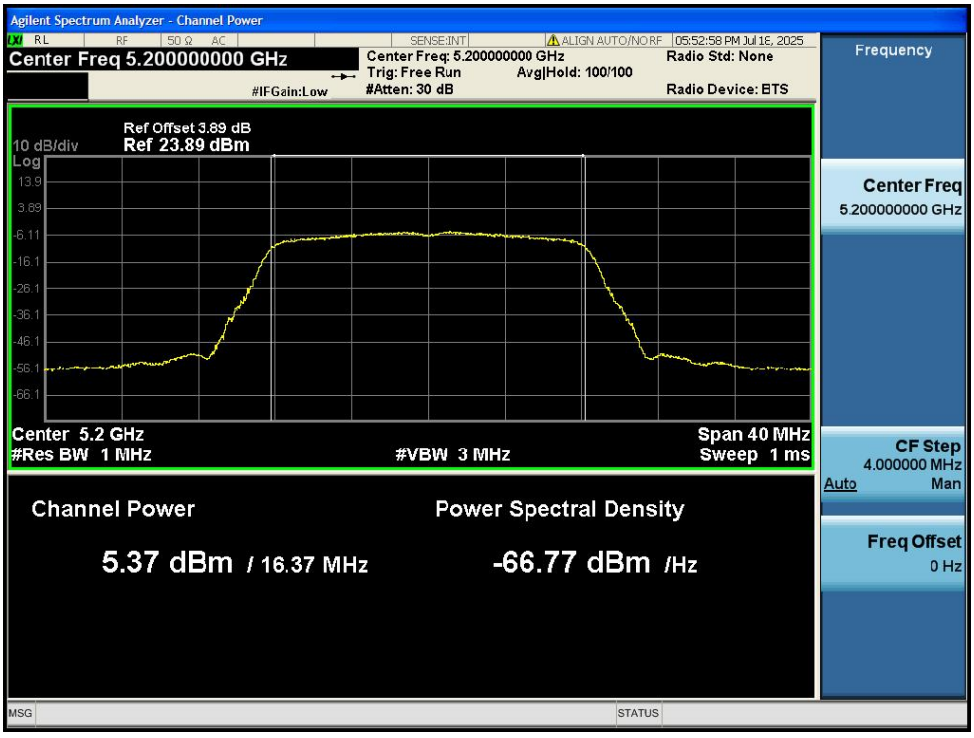
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant2	5.09	0.11	5.2	24	Pass
NVNT	a	5200	Ant2	5.37	0.11	5.48	24	Pass
NVNT	a	5240	Ant2	5.43	0.11	5.54	24	Pass
NVNT	a	5745	Ant2	6.69	0.11	6.8	30	Pass
NVNT	a	5785	Ant2	6.27	0.11	6.38	30	Pass
NVNT	a	5825	Ant2	6.52	0.11	6.63	30	Pass
NVNT	n20	5180	Ant2	6.53	0.12	6.65	24	Pass
NVNT	n20	5200	Ant2	5.29	0.12	5.41	24	Pass
NVNT	n20	5240	Ant2	5.25	0.12	5.37	24	Pass
NVNT	n20	5745	Ant2	6.58	0.12	6.7	30	Pass
NVNT	n20	5785	Ant2	6.1	0.12	6.22	30	Pass
NVNT	n20	5825	Ant2	6.44	0.12	6.56	30	Pass
NVNT	n40	5190	Ant2	5.46	0.22	5.68	24	Pass
NVNT	n40	5230	Ant2	5.35	0.23	5.58	24	Pass
NVNT	n40	5755	Ant2	6.53	0.22	6.75	30	Pass
NVNT	n40	5795	Ant2	6.07	0.22	6.29	30	Pass
NVNT	ac20	5180	Ant2	5.42	0.11	5.53	24	Pass
NVNT	ac20	5200	Ant2	5.38	0.11	5.49	24	Pass
NVNT	ac20	5240	Ant2	5.37	0.11	5.48	24	Pass
NVNT	ac20	5745	Ant2	6.62	0.12	6.74	30	Pass
NVNT	ac20	5785	Ant2	6.12	0.11	6.23	30	Pass
NVNT	ac20	5825	Ant2	6.39	0.11	6.5	30	Pass
NVNT	ac40	5190	Ant2	5.54	0.22	5.76	24	Pass
NVNT	ac40	5230	Ant2	5.4	0.22	5.62	24	Pass
NVNT	ac40	5755	Ant2	6.55	0.22	6.77	30	Pass
NVNT	ac40	5795	Ant2	6	0.23	6.23	30	Pass
NVNT	ac80	5210	Ant2	5.04	0.43	5.47	24	Pass
NVNT	ac80	5775	Ant2	5.83	0.43	6.26	30	Pass

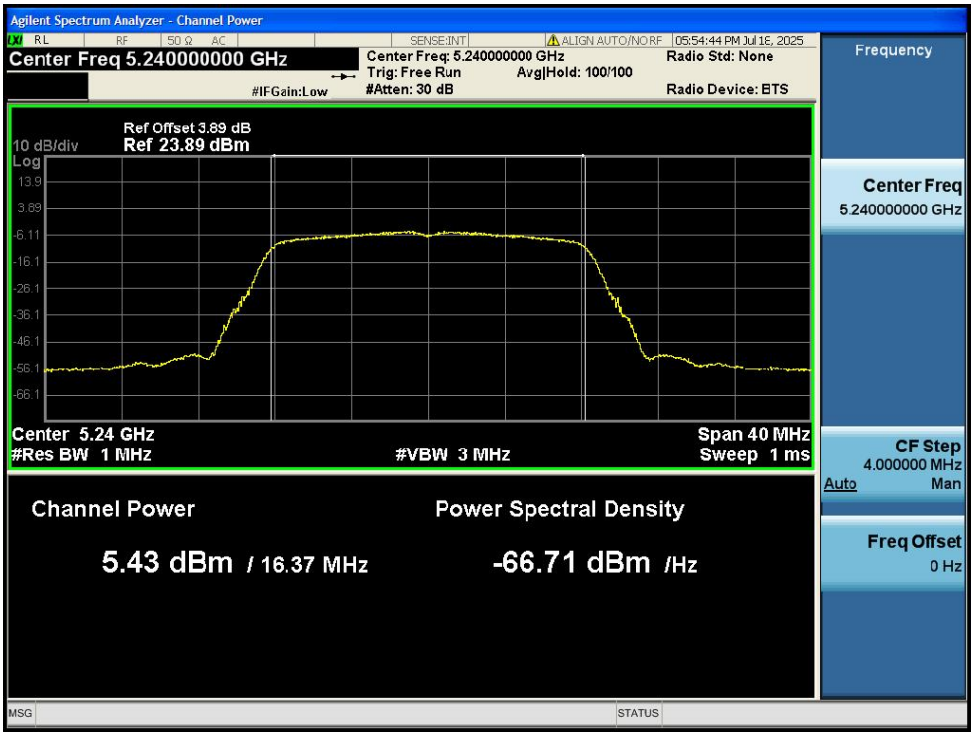
Test Graphs
Power NVNT a 5180MHz Ant2



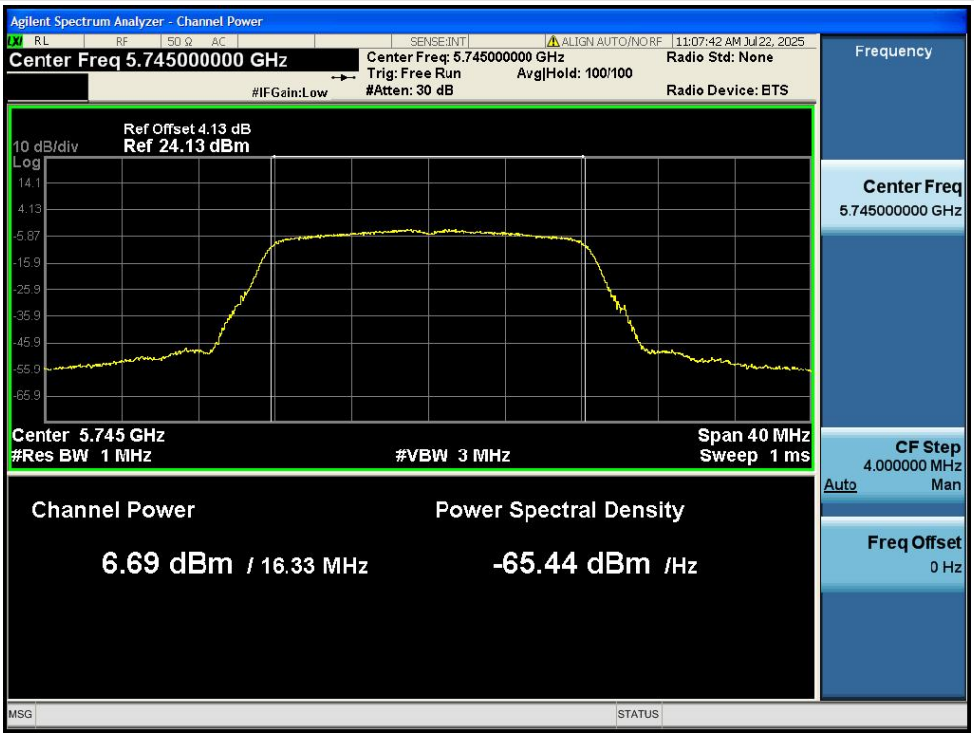
Power NVNT a 5200MHz Ant2



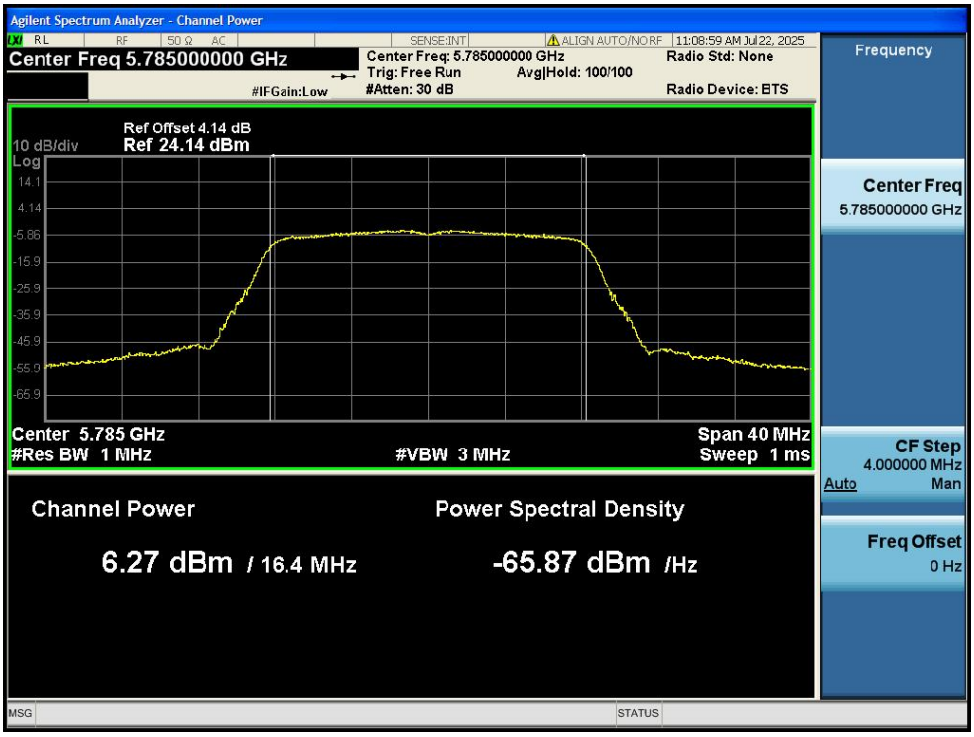
Power NVNT a 5240MHz Ant2



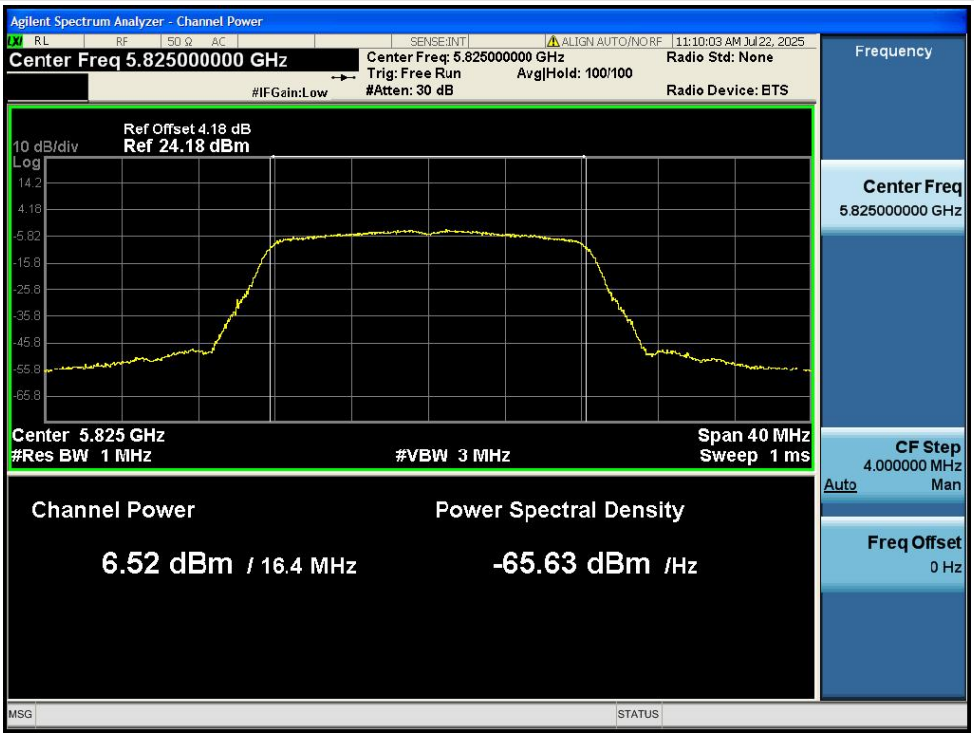
Power NVNT a 5745MHz Ant2



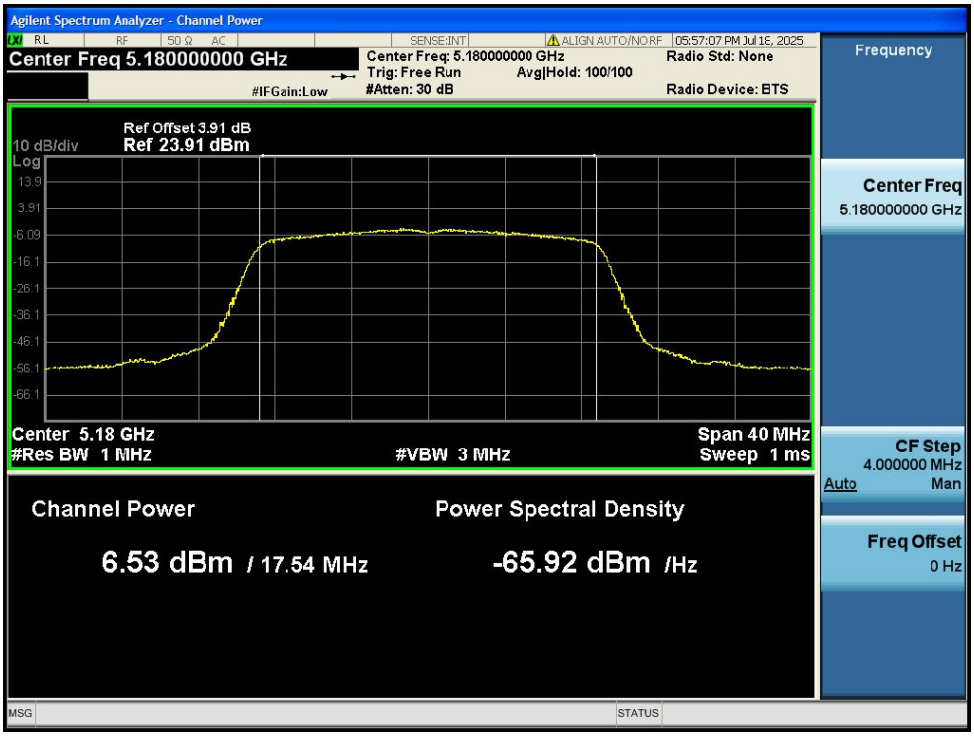
Power NVNT a 5785MHz Ant2



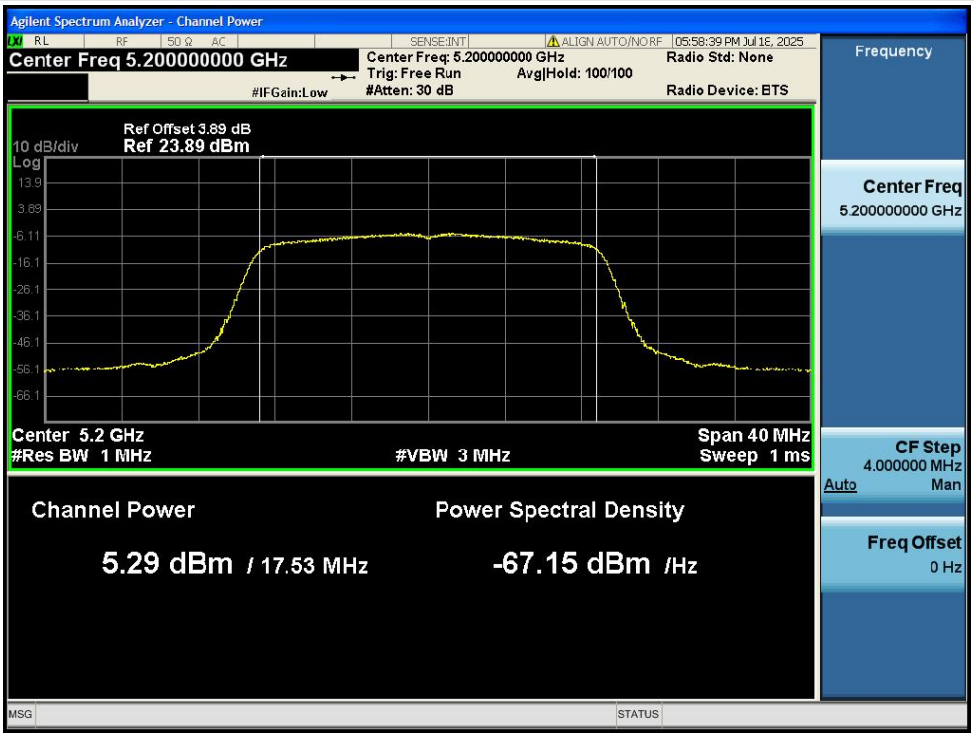
Power NVNT a 5825MHz Ant2



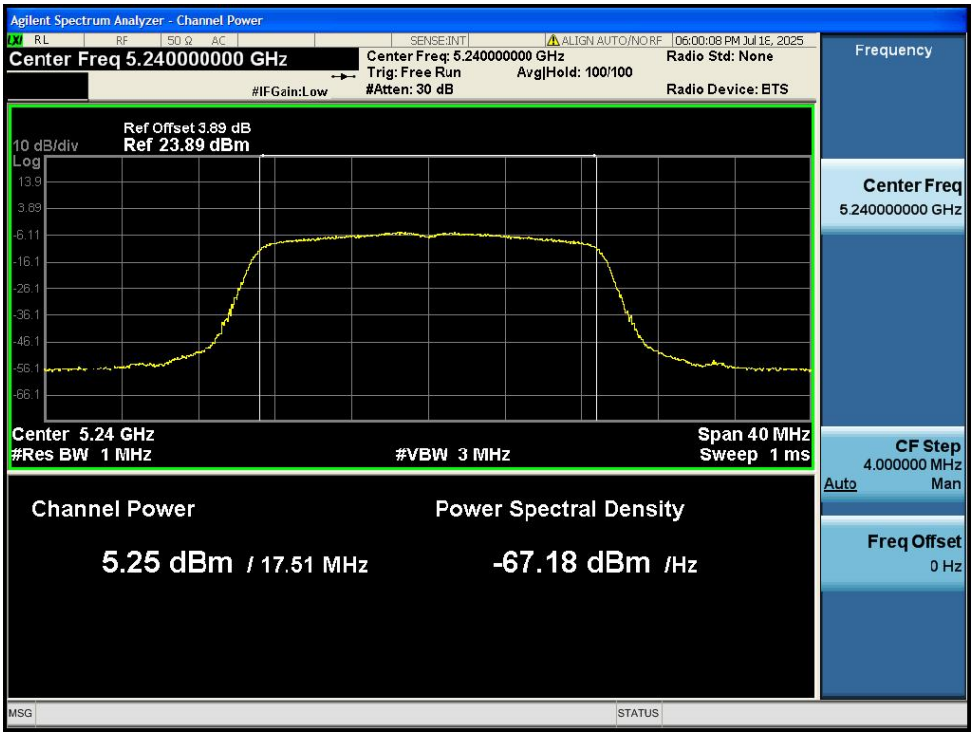
Power NVNT n20 5180MHz Ant2



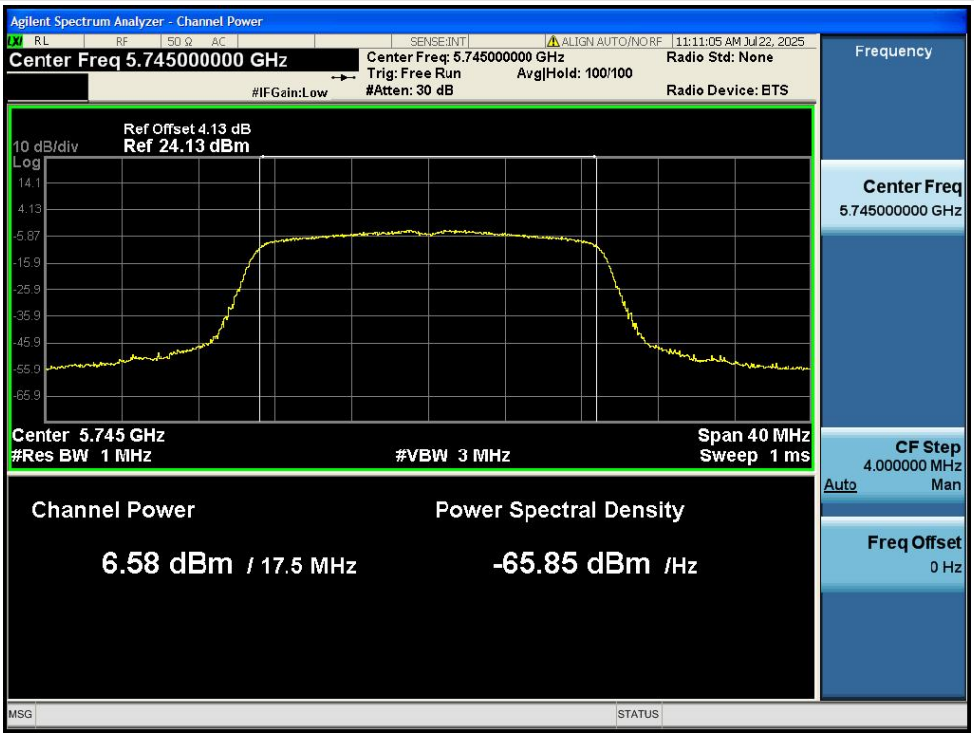
Power NVNT n20 5200MHz Ant2



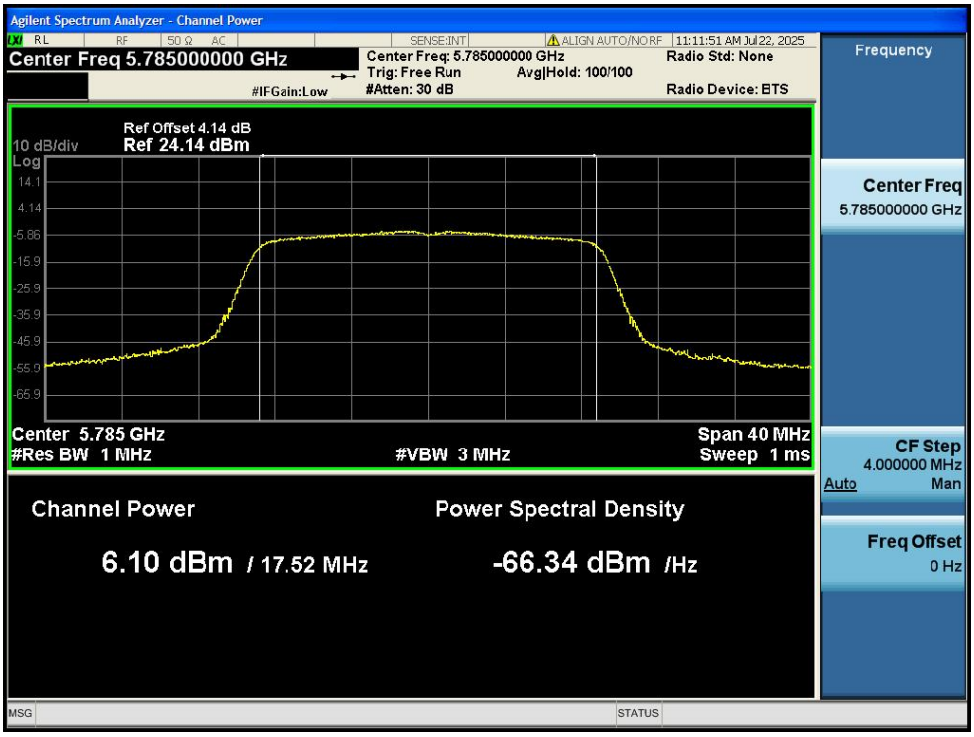
Power NVNT n20 5240MHz Ant2



Power NVNT n20 5745MHz Ant2



Power NVNT n20 5785MHz Ant2



Power NVNT n20 5825MHz Ant2