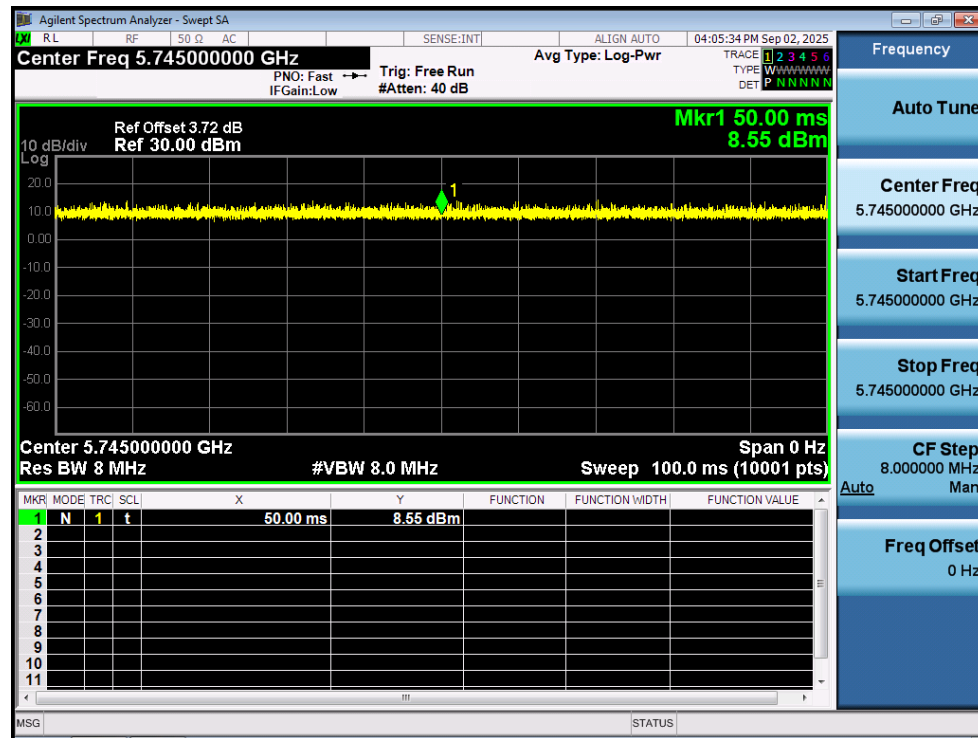
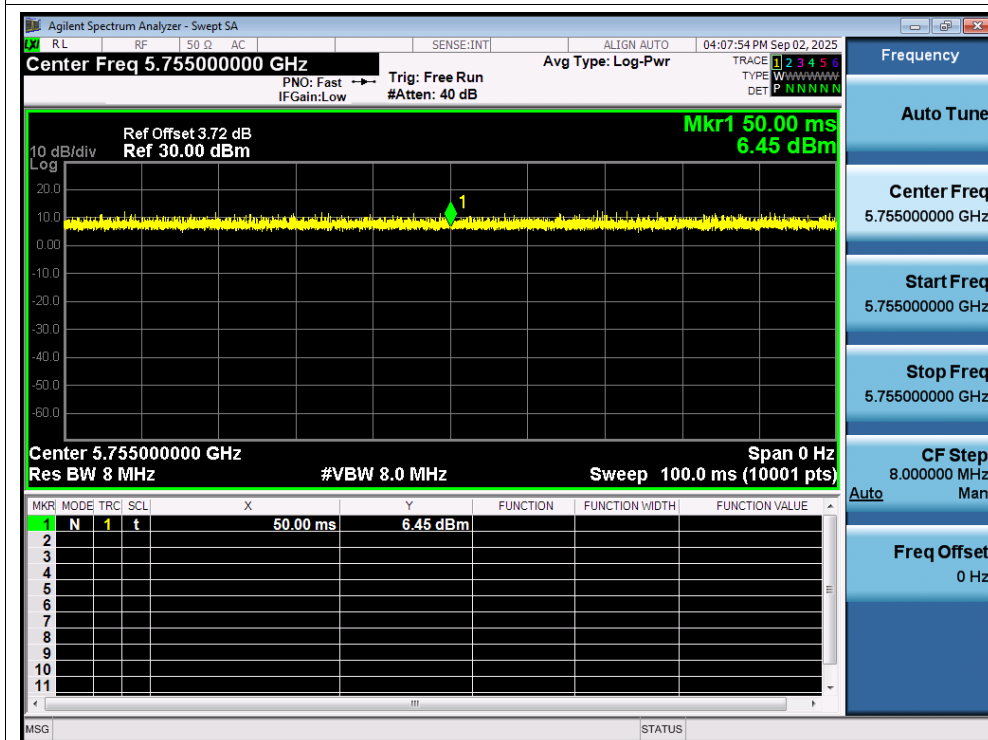


Duty Cycle

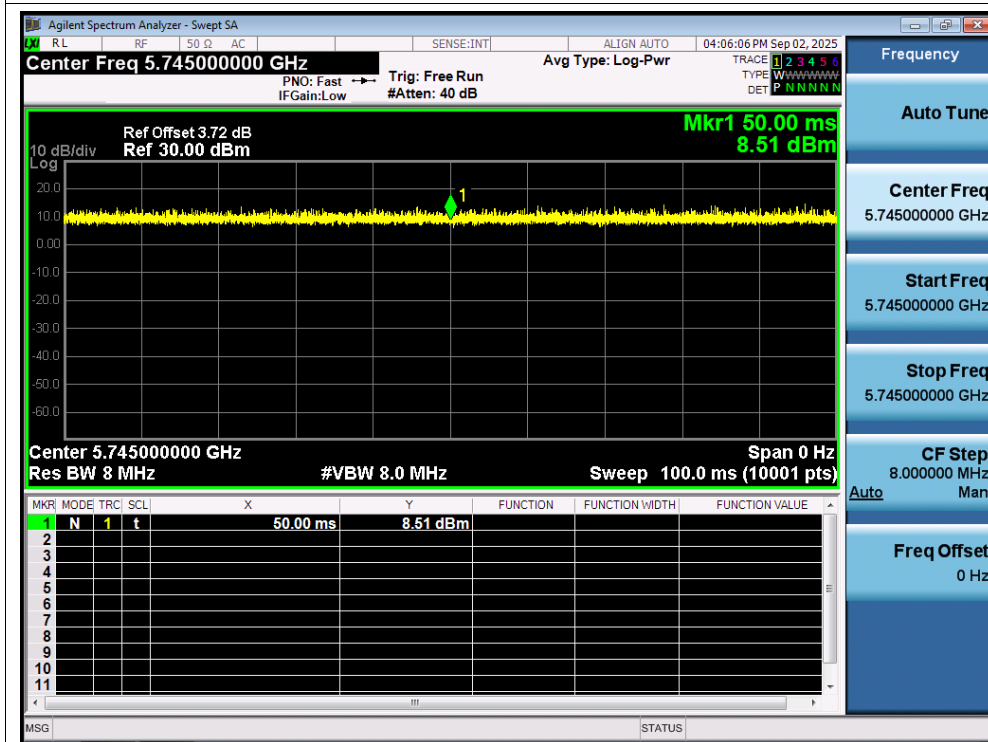
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	AntB	100	0
NVNT	n20	5745	AntB	100	0
NVNT	n40	5755	AntB	100	0
NVNT	ac20	5745	AntB	100	0
NVNT	ac40	5755	AntB	100	0
NVNT	ac80	5775	AntB	100	0
NVNT	ax20	5745	AntB	100	0
NVNT	ax40	5755	AntB	100	0
NVNT	ax80	5775	AntB	100	0



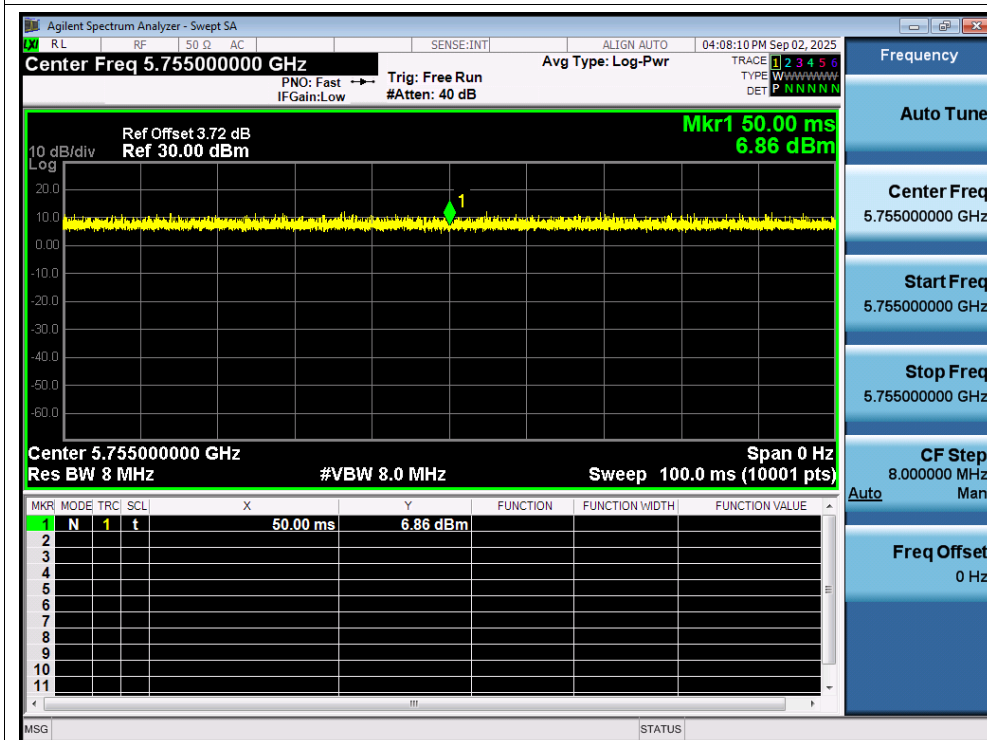
Duty Cycle NVNT n40 5755MHz AntB



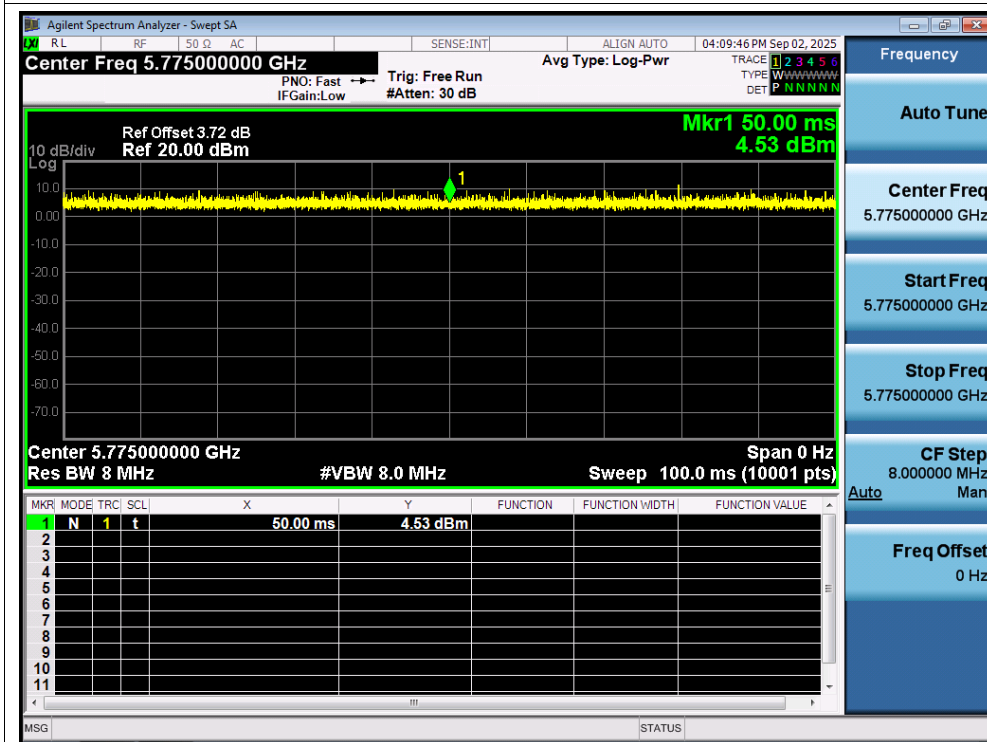
Duty Cycle NVNT ac20 5745MHz AntB



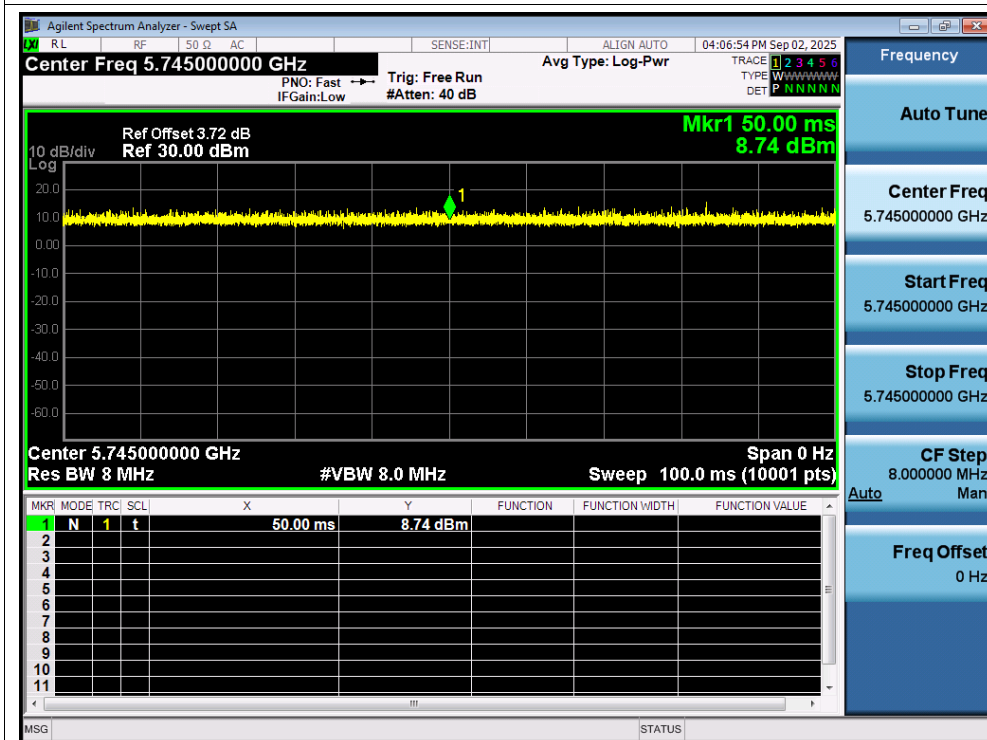
Duty Cycle NVNT ac40 5755MHz AntB



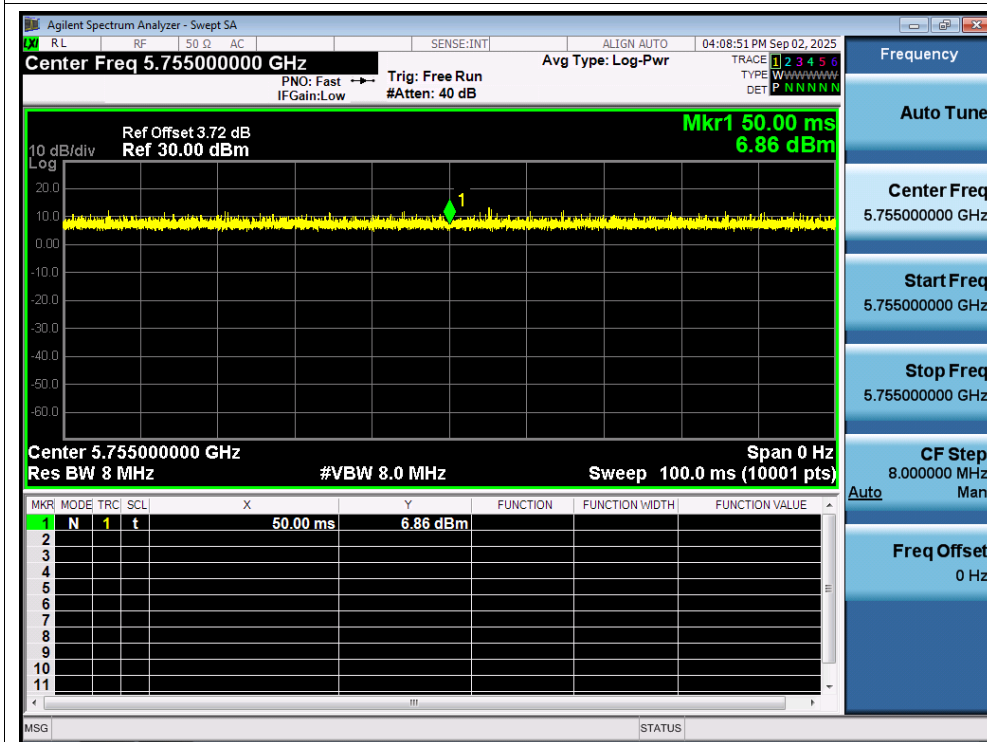
Duty Cycle NVNT ac80 5775MHz AntB

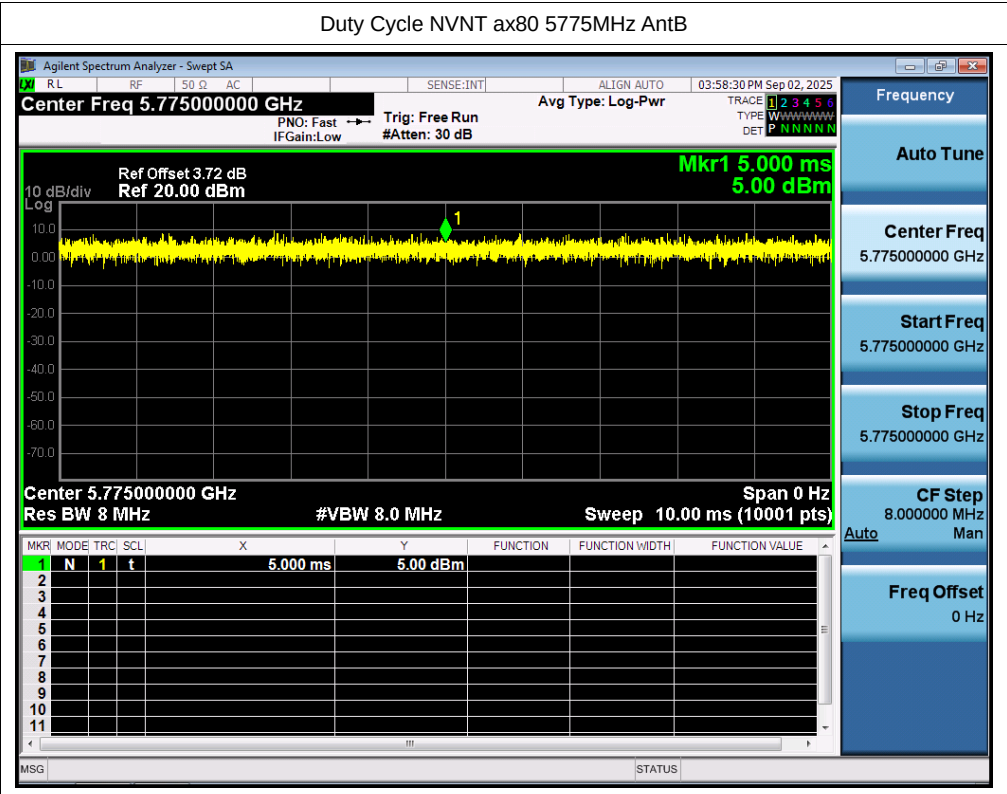


Duty Cycle NVNT ax20 5745MHz AntB



Duty Cycle NVNT ax40 5755MHz AntB





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	AntB	10.45	30	Pass
NVNT	a	5785	AntB	10.3	30	Pass
NVNT	a	5825	AntB	10.41	30	Pass
NVNT	n20	5745	AntB	9.26	30	Pass
NVNT	n20	5785	AntB	9.01	30	Pass
NVNT	n20	5825	AntB	8.96	30	Pass
NVNT	n40	5755	AntB	7.68	30	Pass
NVNT	n40	5795	AntB	7.42	30	Pass
NVNT	ac20	5745	AntB	9.34	30	Pass
NVNT	ac20	5785	AntB	8.74	30	Pass
NVNT	ac20	5825	AntB	8.86	30	Pass
NVNT	ac40	5755	AntB	7.6	30	Pass
NVNT	ac40	5795	AntB	7.25	30	Pass
NVNT	ac80	5775	AntB	5.8	30	Pass
NVNT	ax20	5745	AntB	9.19	30	Pass
NVNT	ax20	5785	AntB	9.17	30	Pass
NVNT	ax20	5825	AntB	8.81	30	Pass
NVNT	ax40	5755	AntB	7.47	30	Pass
NVNT	ax40	5795	AntB	7.47	30	Pass
NVNT	ax80	5775	AntB	5.83	30	Pass

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)			Limit (dBm)	Verdict
			Ant A	Ant B	Total		
NVNT	a	5745	9.22	10.45	/	30	Pass
NVNT	a	5785	9.11	10.3	/	30	Pass
NVNT	a	5825	8.49	10.41	/	30	Pass
NVNT	n20	5745	7.92	9.26	11.65	30	Pass
NVNT	n20	5785	7.83	9.01	11.47	30	Pass
NVNT	n20	5825	7.27	8.96	11.21	30	Pass
NVNT	n40	5755	6.75	7.68	10.25	30	Pass
NVNT	n40	5795	6.54	7.42	10.01	30	Pass
NVNT	ac20	5745	8.01	9.34	11.74	30	Pass
NVNT	ac20	5785	7.7	8.74	11.26	30	Pass
NVNT	ac20	5825	7.3	8.86	11.16	30	Pass
NVNT	ac40	5755	6.7	7.6	10.18	30	Pass
NVNT	ac40	5795	6.41	7.25	9.86	30	Pass
NVNT	ac80	5775	5.13	5.8	8.49	30	Pass
NVNT	ax20	5745	8.02	9.19	11.65	30	Pass
NVNT	ax20	5785	7.91	9.17	11.60	30	Pass
NVNT	ax20	5825	7.53	8.81	11.23	30	Pass
NVNT	ax40	5755	7.01	7.47	10.26	30	Pass
NVNT	ax40	5795	6.59	7.47	10.06	30	Pass
NVNT	ax80	5775	5.16	5.83	8.52	30	Pass

Note:

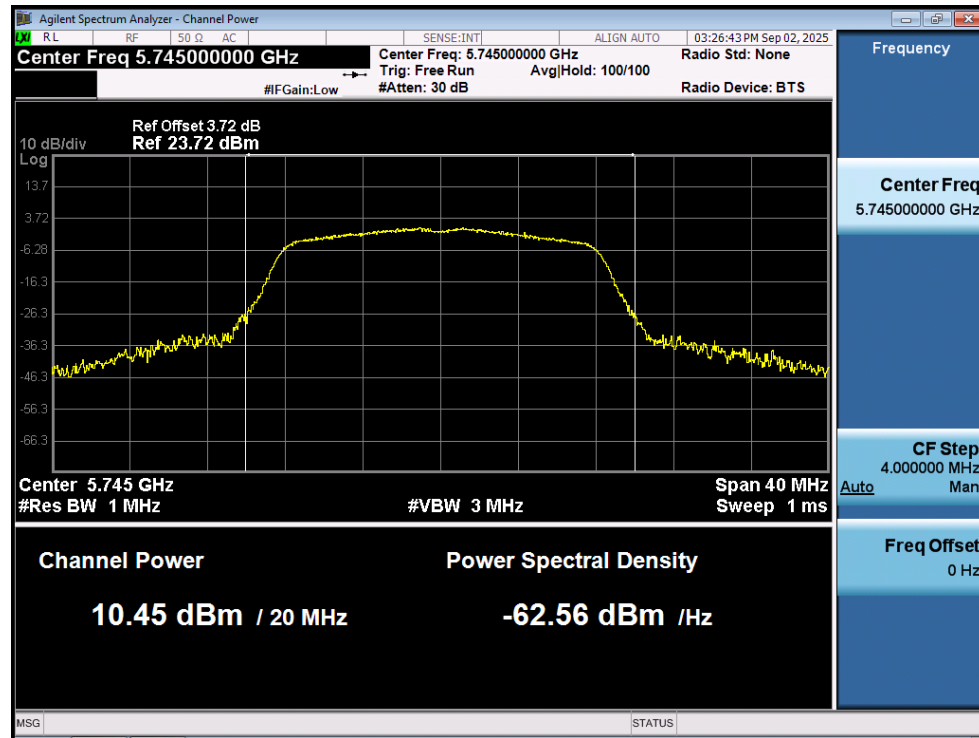
For power measurements.

The Array gain=0 for NANT≤4

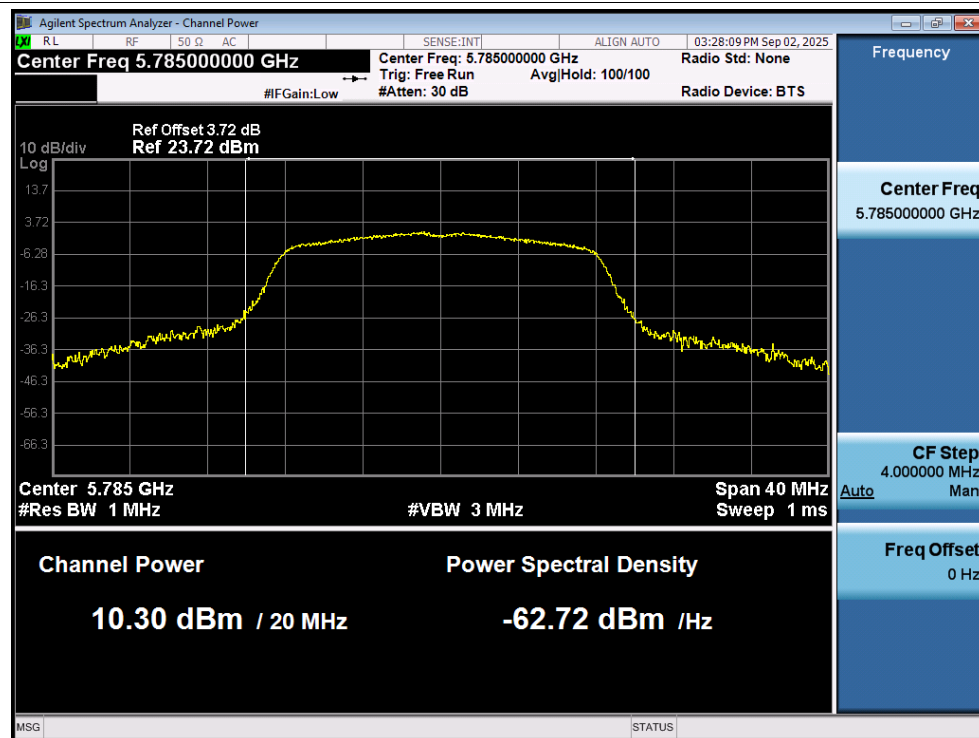
So the directional gain for Power measurements is 1.69 dBi

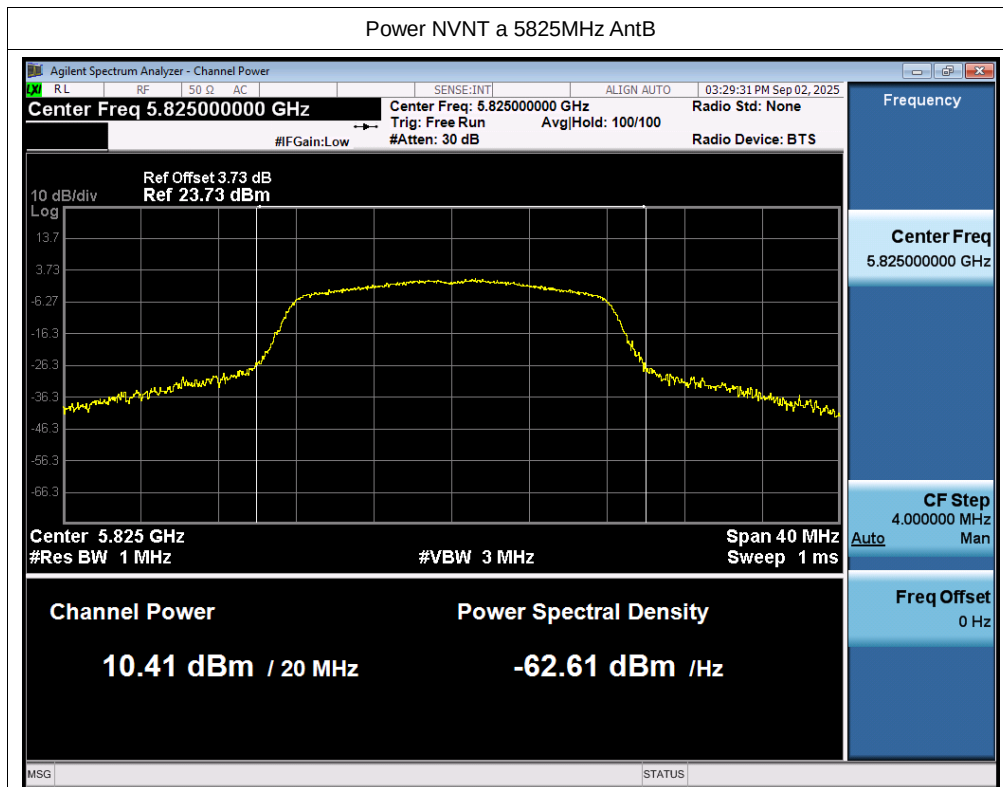
Test Graphs

Power NVNT a 5745MHz AntB

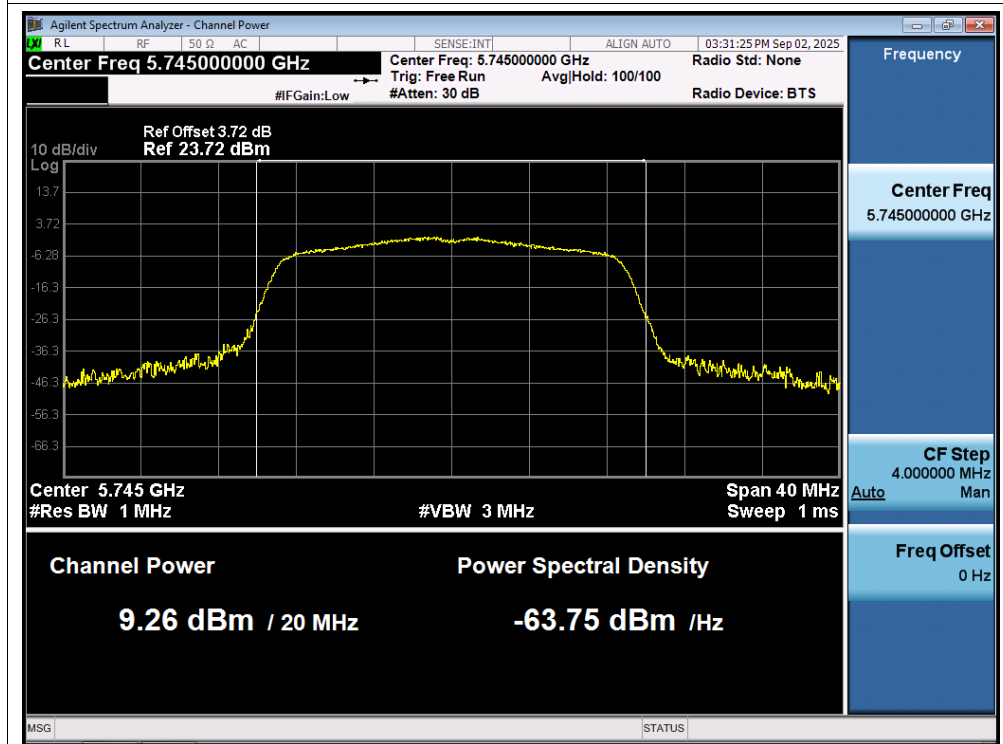


Power NVNT a 5785MHz AntB

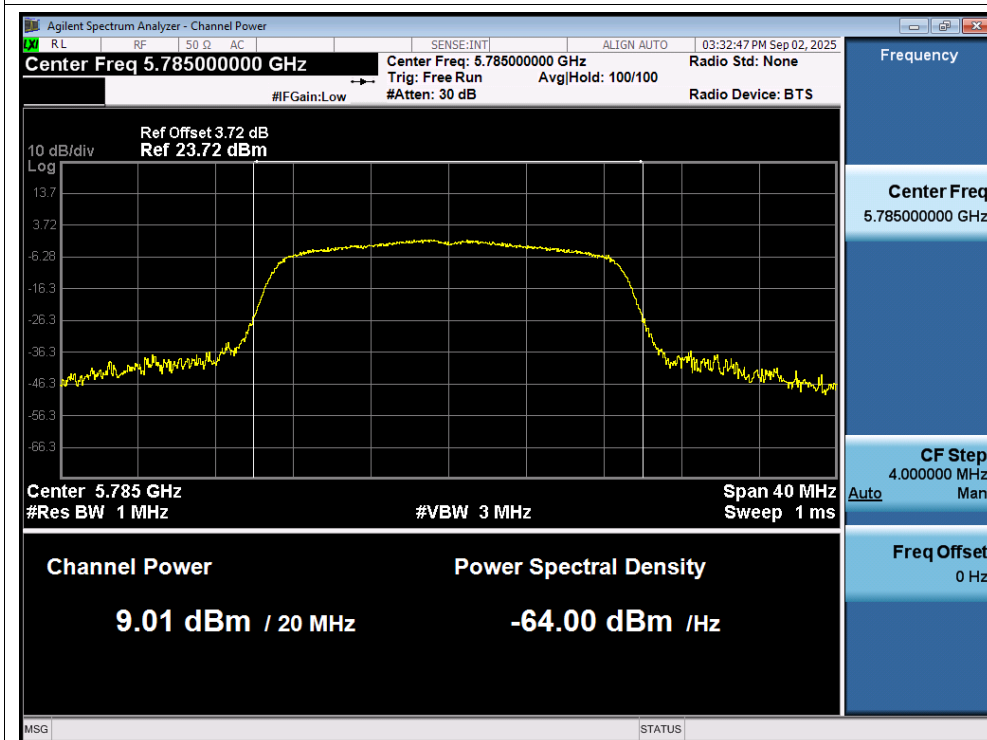




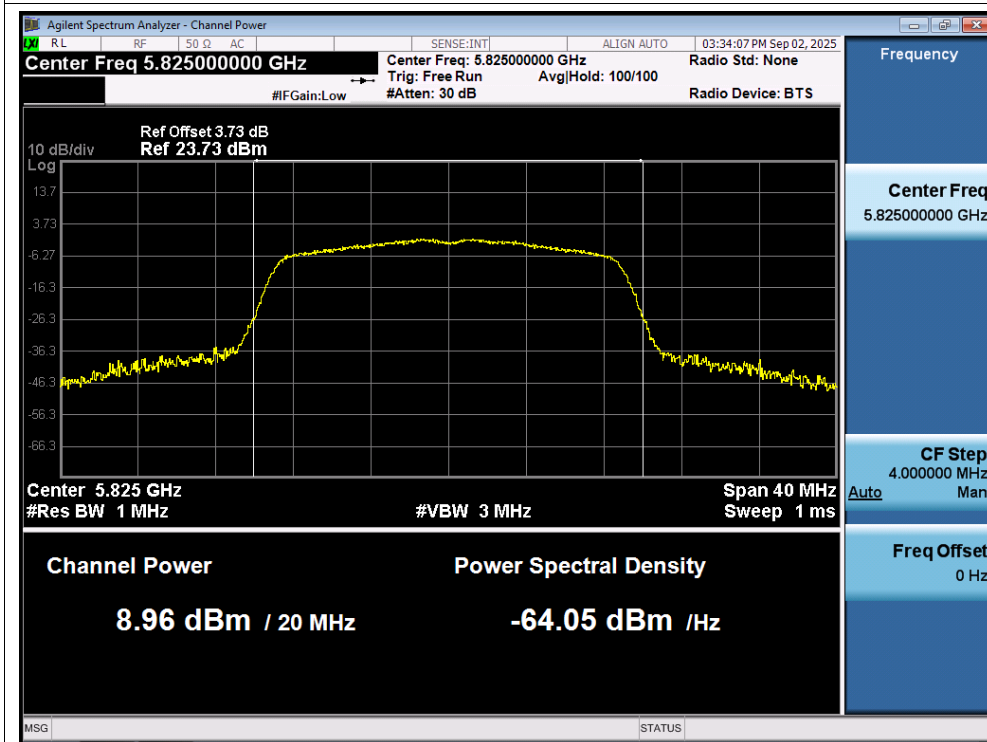
Power NVNT n20 5745MHz AntB



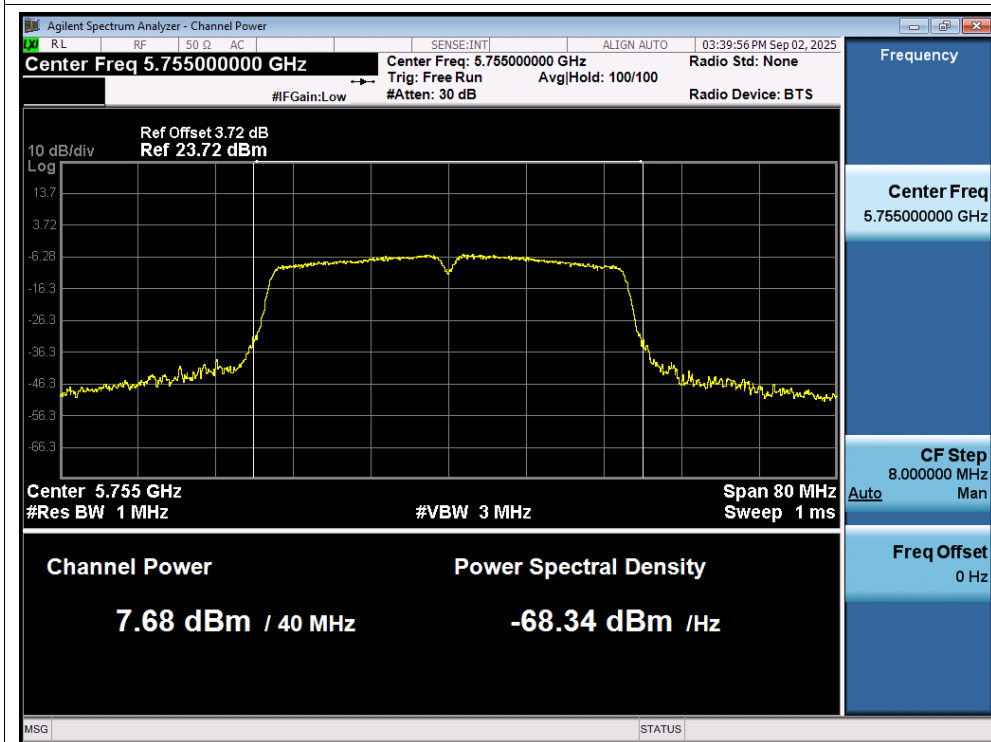
Power NVNT n20 5785MHz AntB



Power NVNT n20 5825MHz AntB



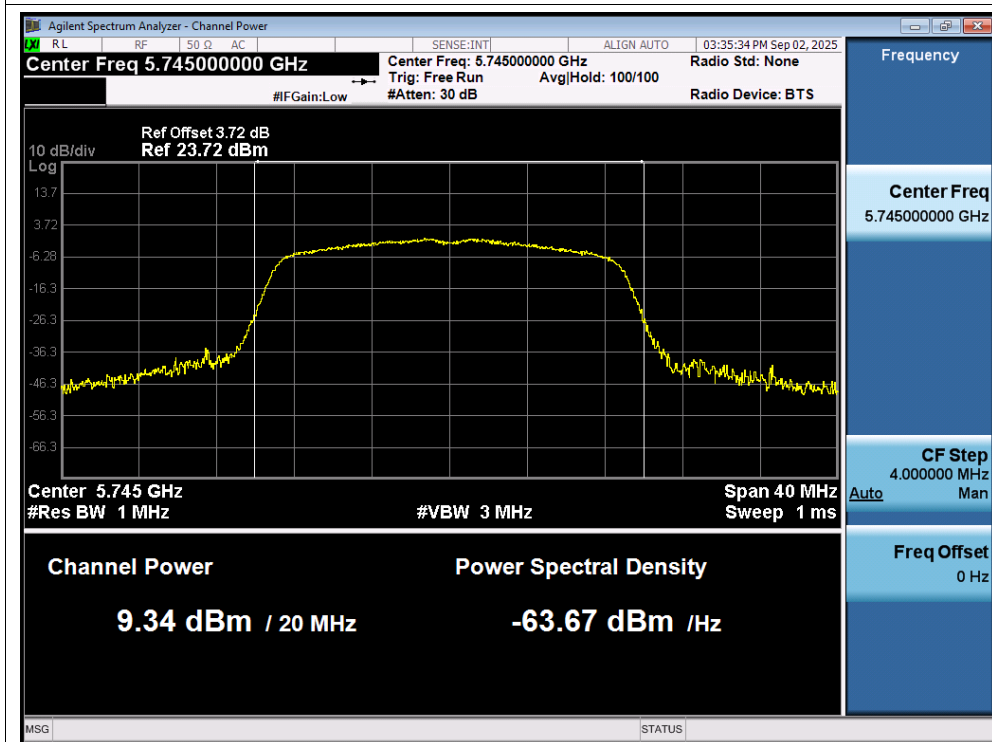
Power NVNT n40 5755MHz AntB



Power NVNT n40 5795MHz AntB



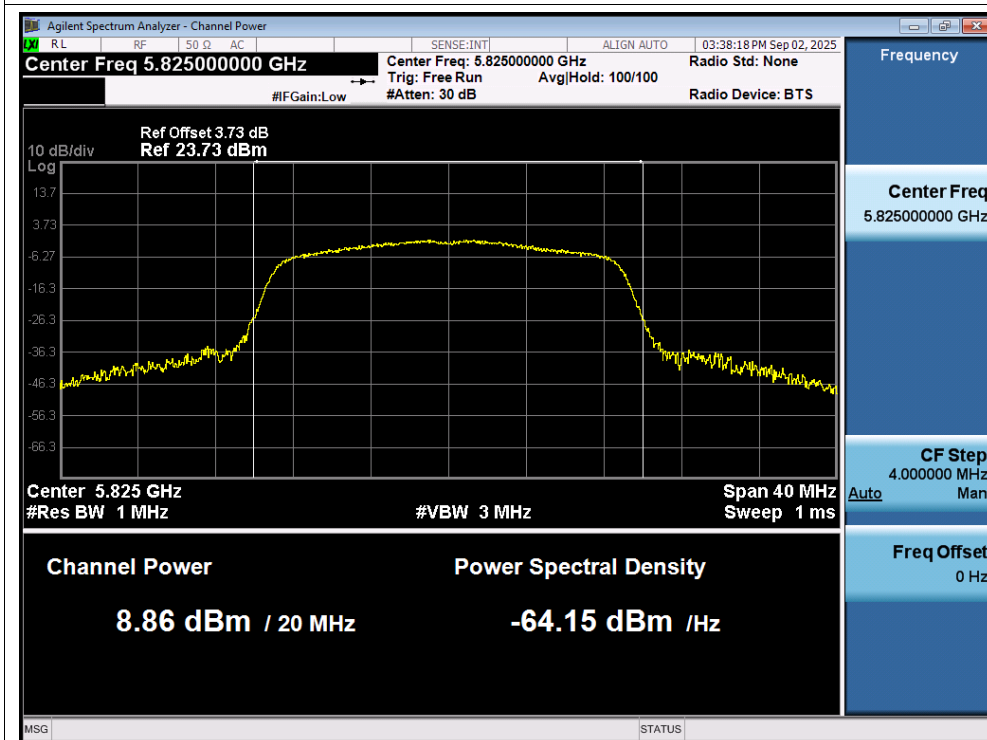
Power NVNT ac20 5745MHz AntB



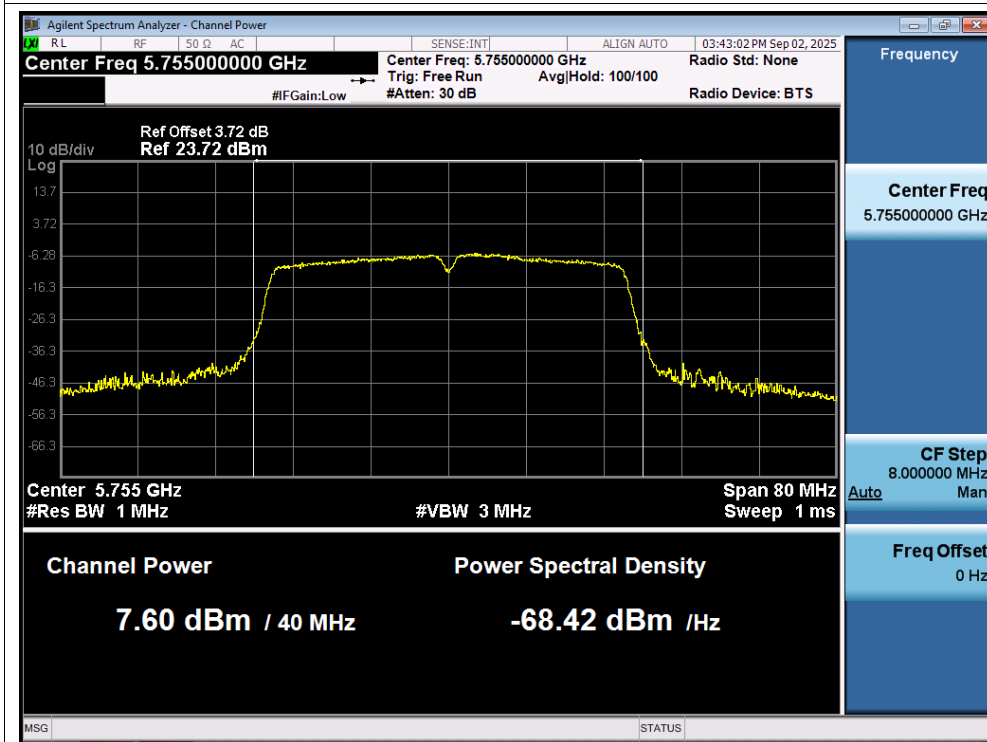
Power NVNT ac20 5785MHz AntB



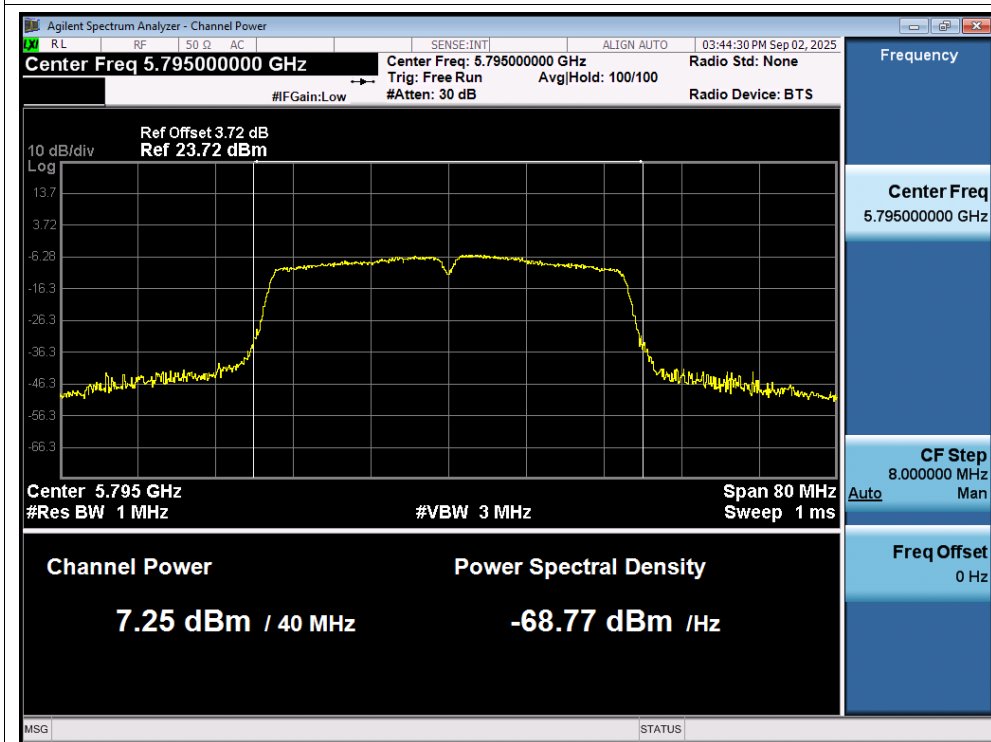
Power NVNT ac20 5825MHz AntB



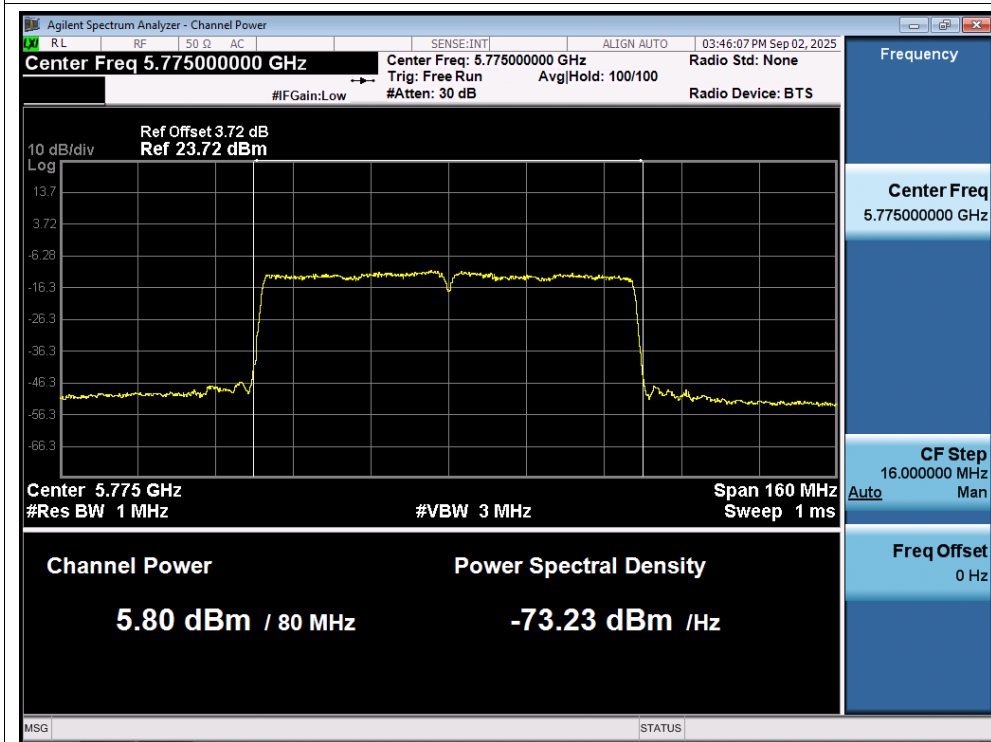
Power NVNT ac40 5755MHz AntB



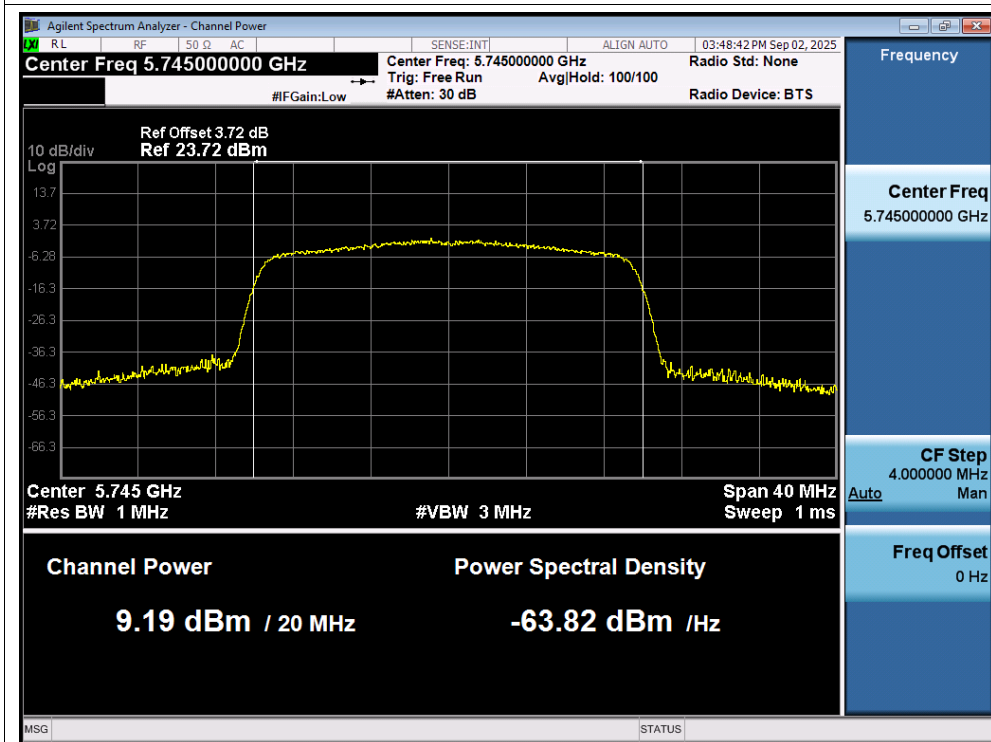
Power NVNT ac40 5795MHz AntB



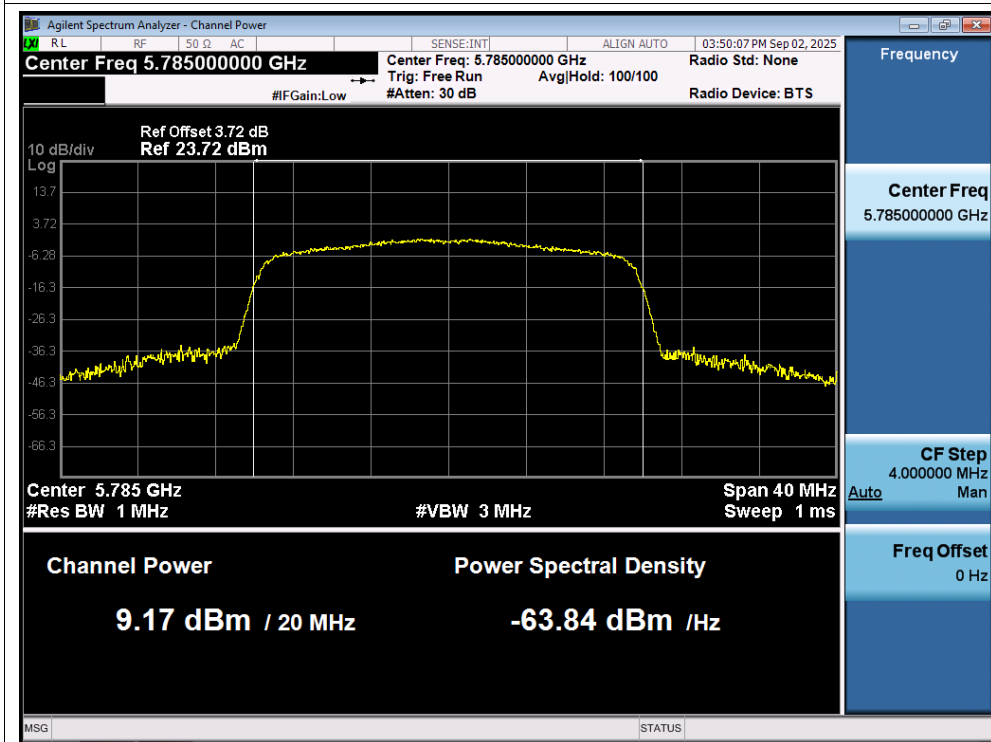
Power NVNT ac80 5775MHz AntB



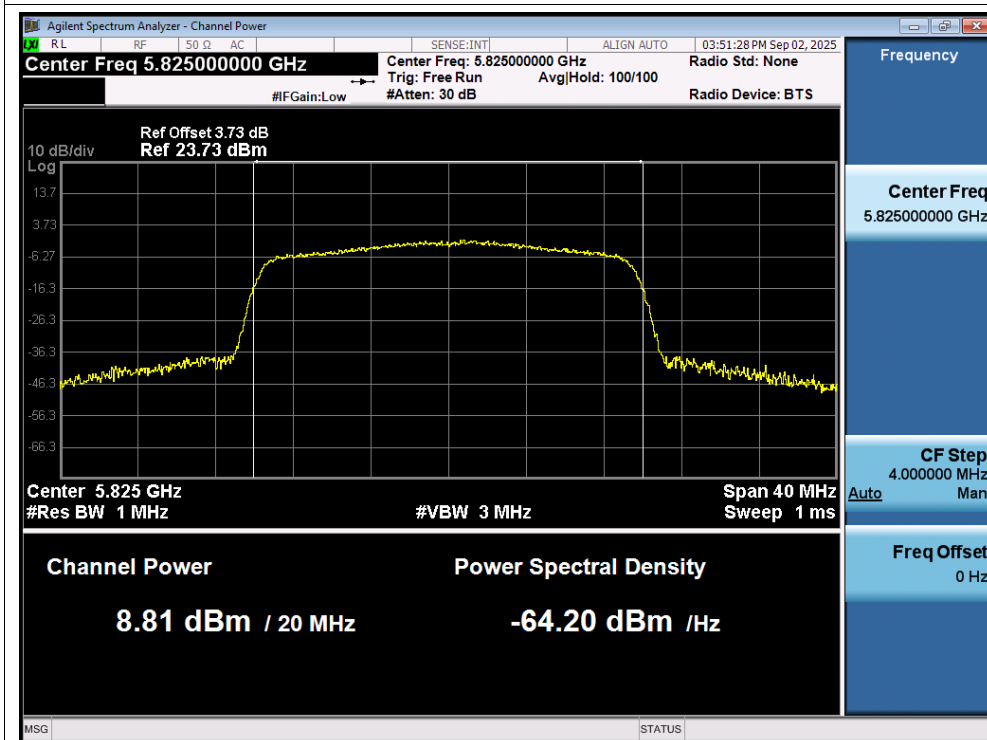
Power NVNT ax20 5745MHz AntB



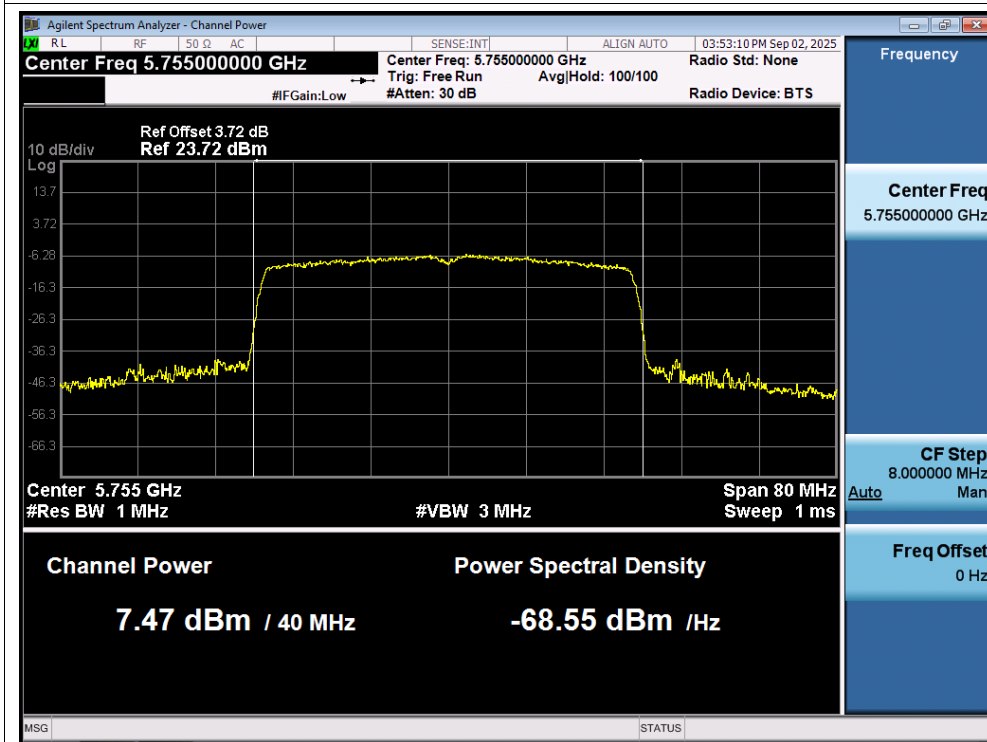
Power NVNT ax20 5785MHz AntB



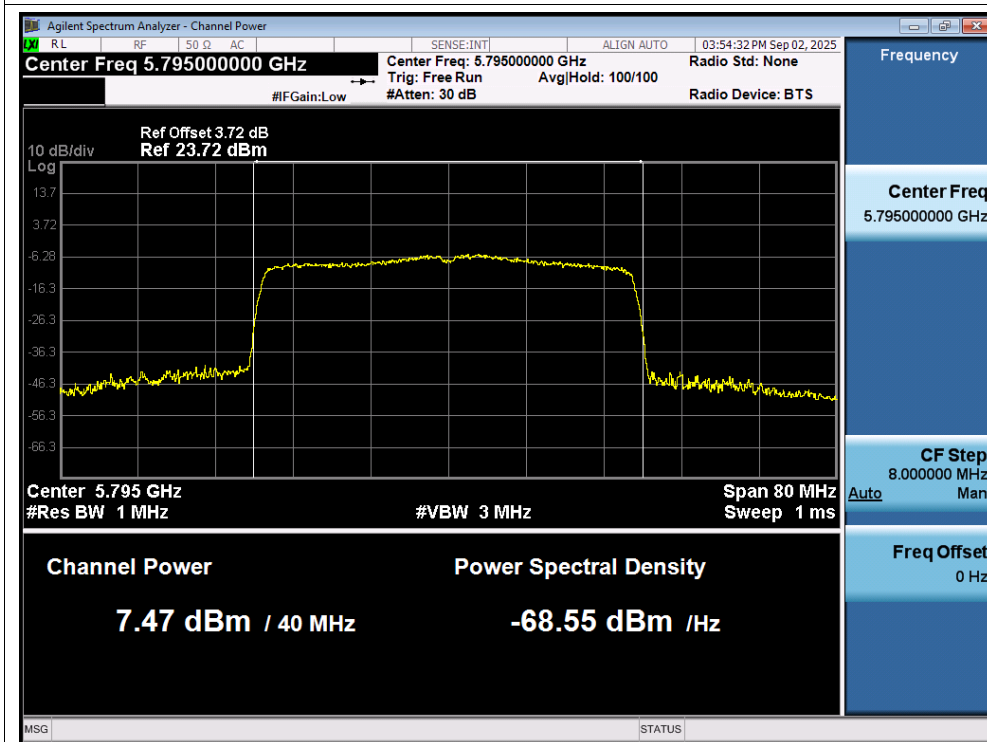
Power NVNT ax20 5825MHz AntB



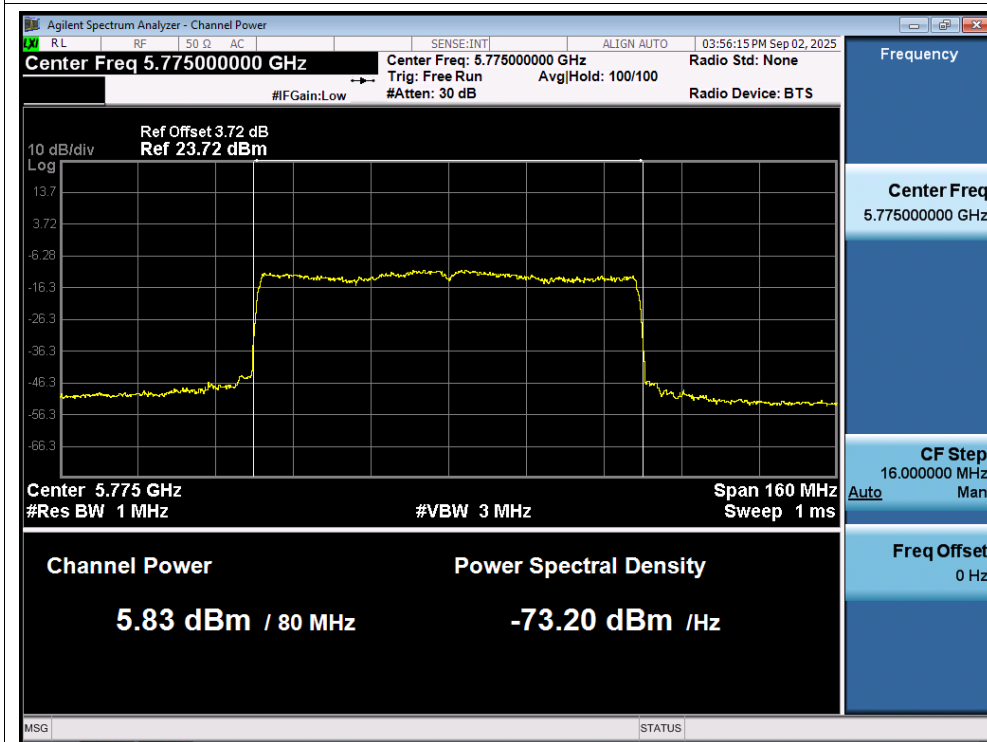
Power NVNT ax40 5755MHz AntB



Power NVNT ax40 5795MHz AntB



Power NVNT ax80 5775MHz AntB

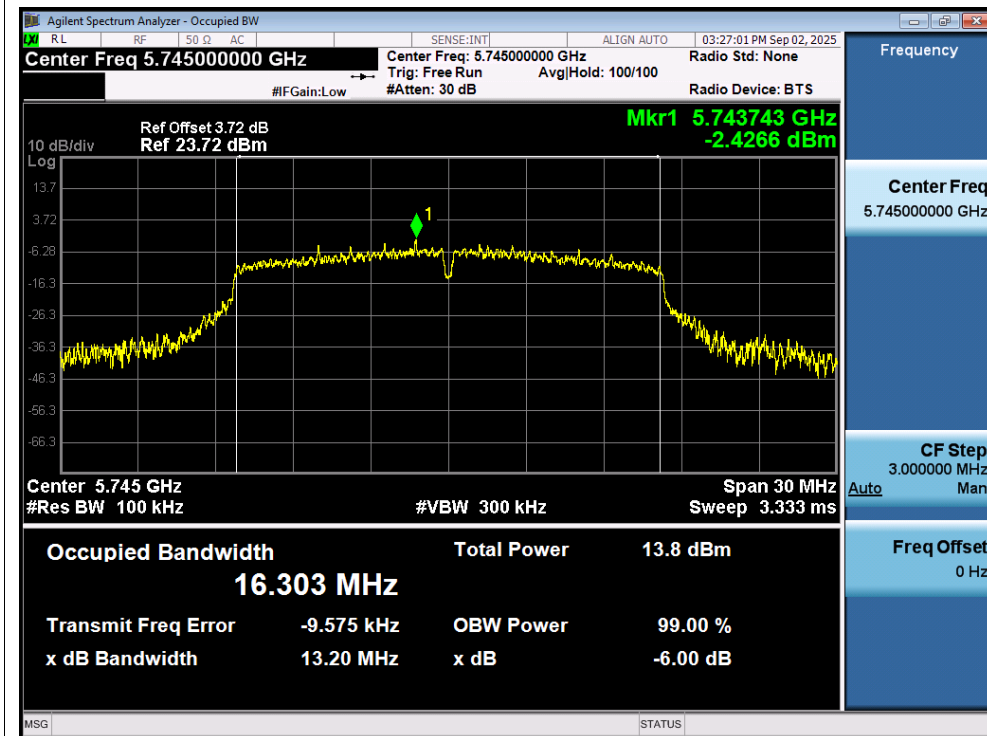


-6dB Bandwidth

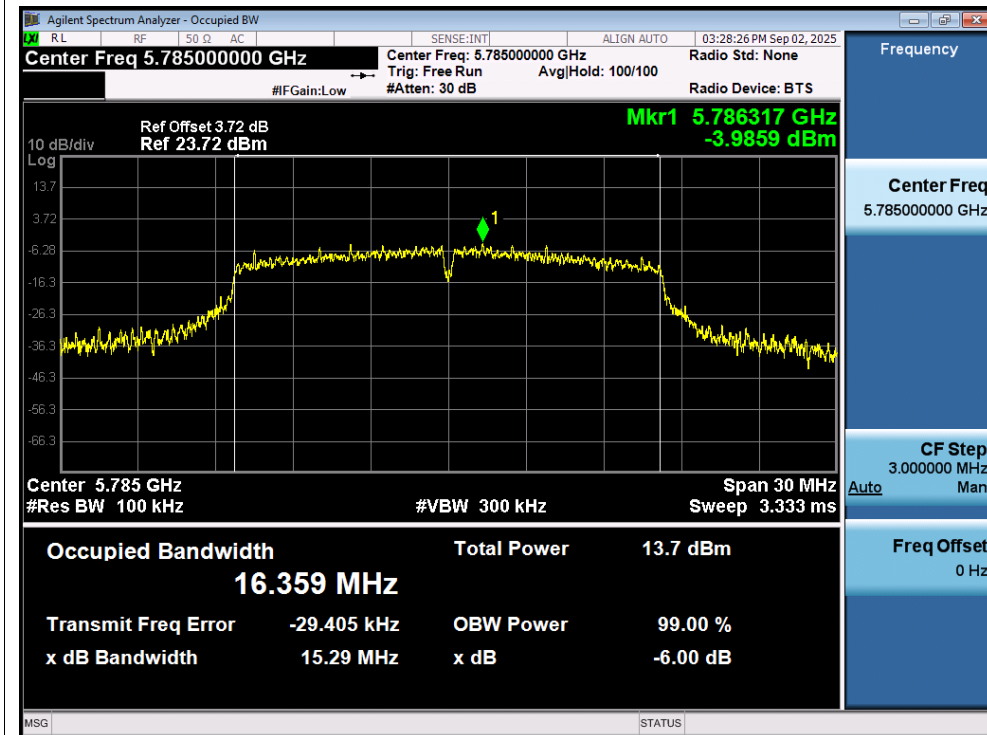
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	AntB	13.198	0.5	Pass
		5785		15.29	0.5	Pass
		5825		12.903	0.5	Pass
	n20	5745		14.99	0.5	Pass
		5785		15.033	0.5	Pass
		5825		13.806	0.5	Pass
	n40	5755		35.055	0.5	Pass
		5795		35.067	0.5	Pass
	ac20	5745		15.025	0.5	Pass
		5785		15.046	0.5	Pass
		5825		15.024	0.5	Pass
	ac40	5755		35.018	0.5	Pass
		5795		35.016	0.5	Pass
	ac80	5775		75.687	0.5	Pass
	ax20	5745		16.75	0.5	Pass
		5785		15.25	0.5	Pass
		5825		15.054	0.5	Pass
	ax40	5755		35.118	0.5	Pass
		5795		36.274	0.5	Pass
	ax80	5775		77.542	0.5	Pass

Test Graphs

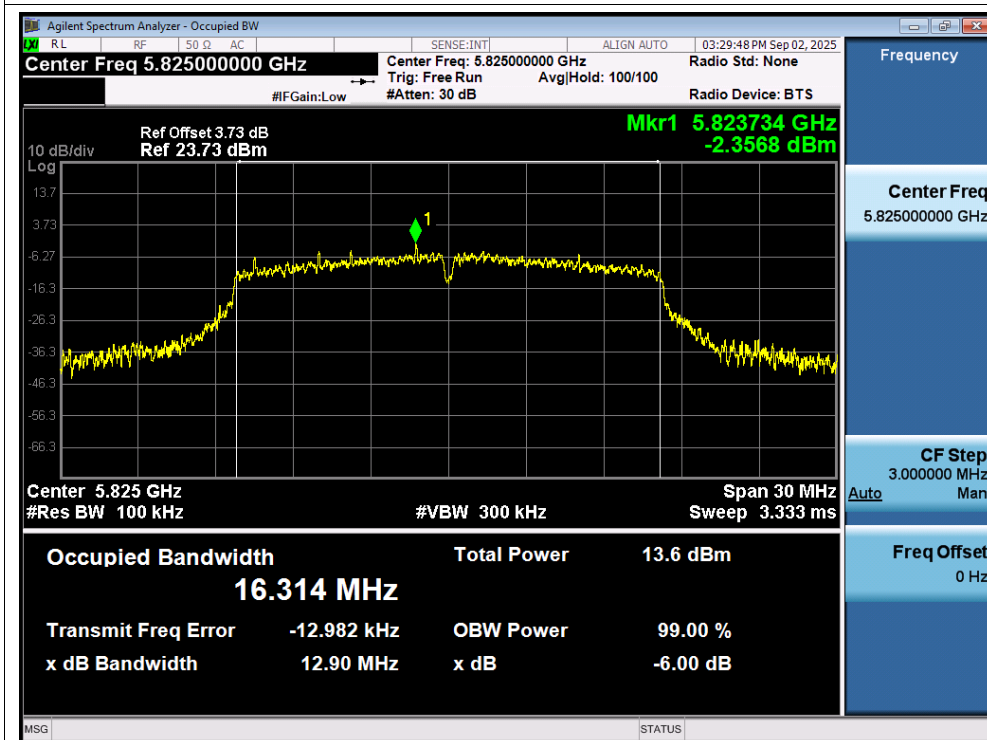
-6dB Bandwidth NVNT a 5745MHz AntB



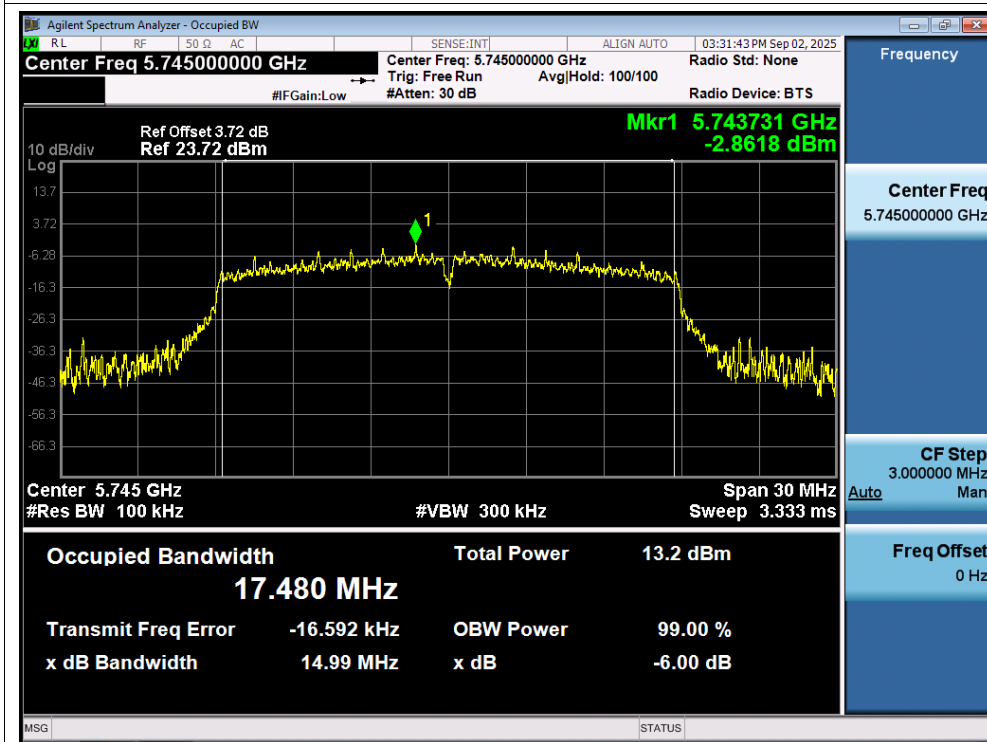
-6dB Bandwidth NVNT a 5785MHz AntB



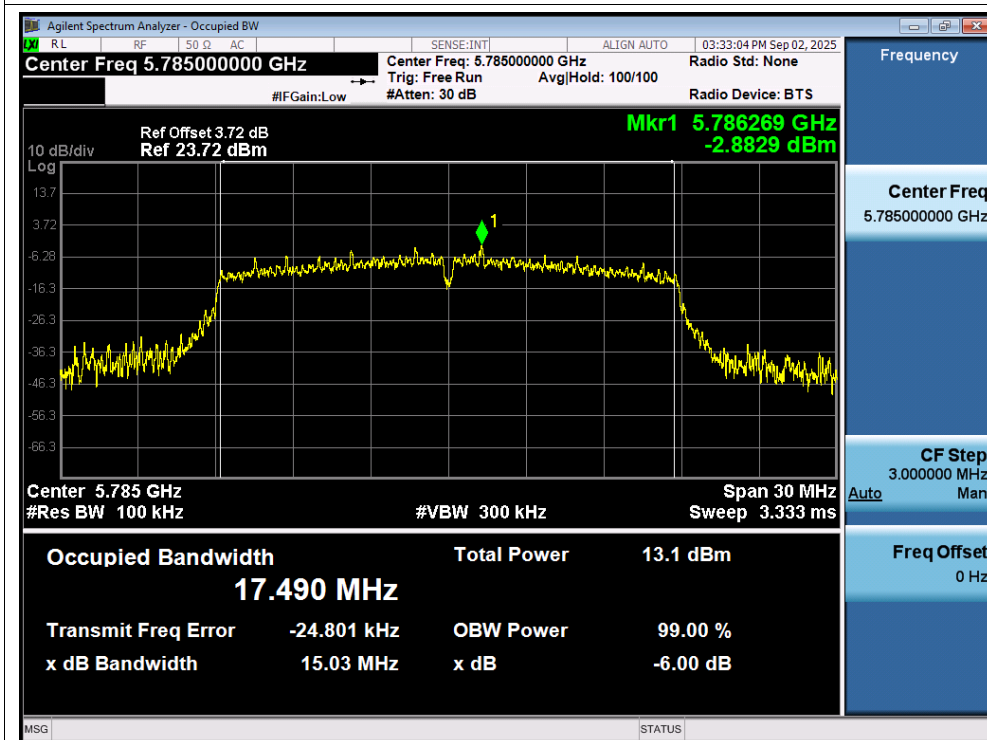
-6dB Bandwidth NVNT a 5825MHz AntB



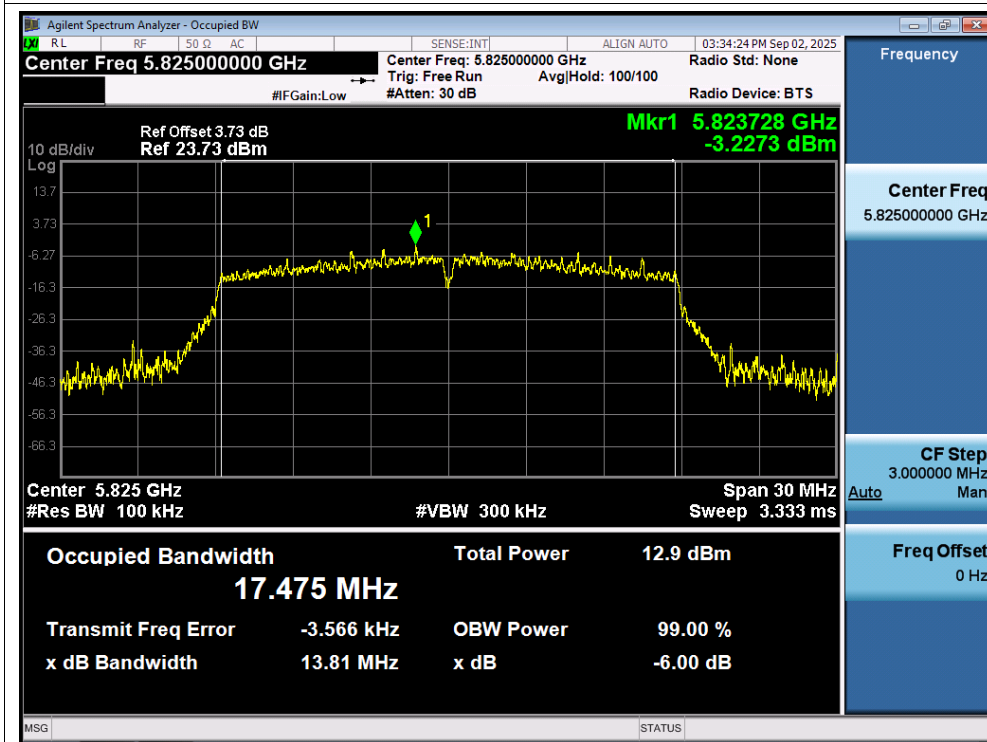
-6dB Bandwidth NVNT n20 5745MHz AntB



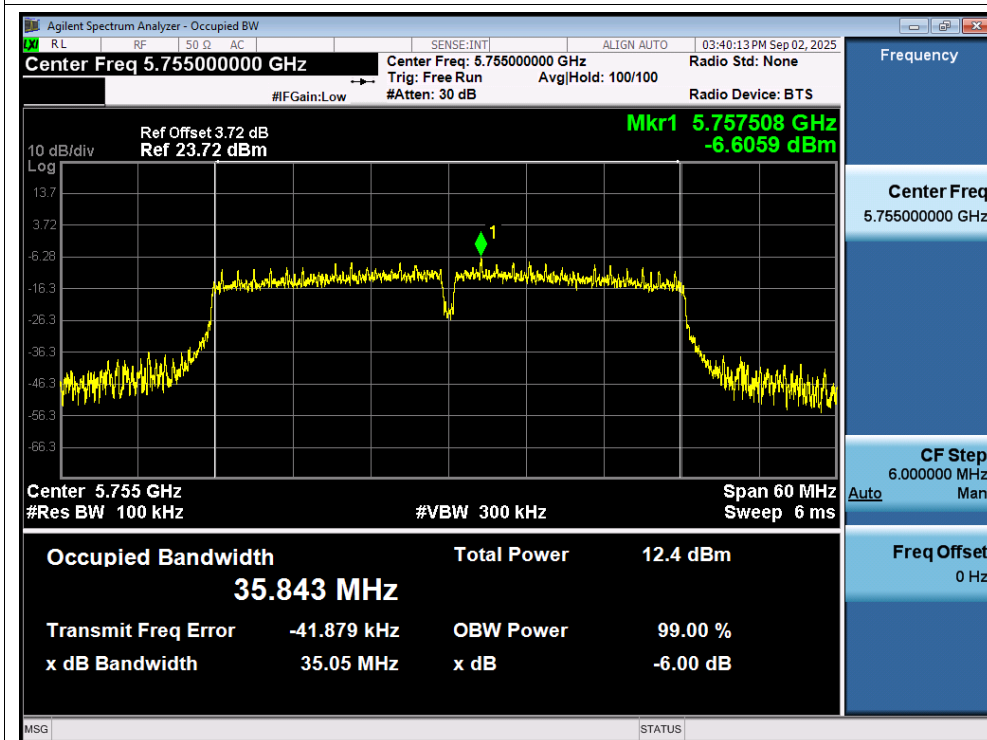
-6dB Bandwidth NVNT n20 5785MHz AntB



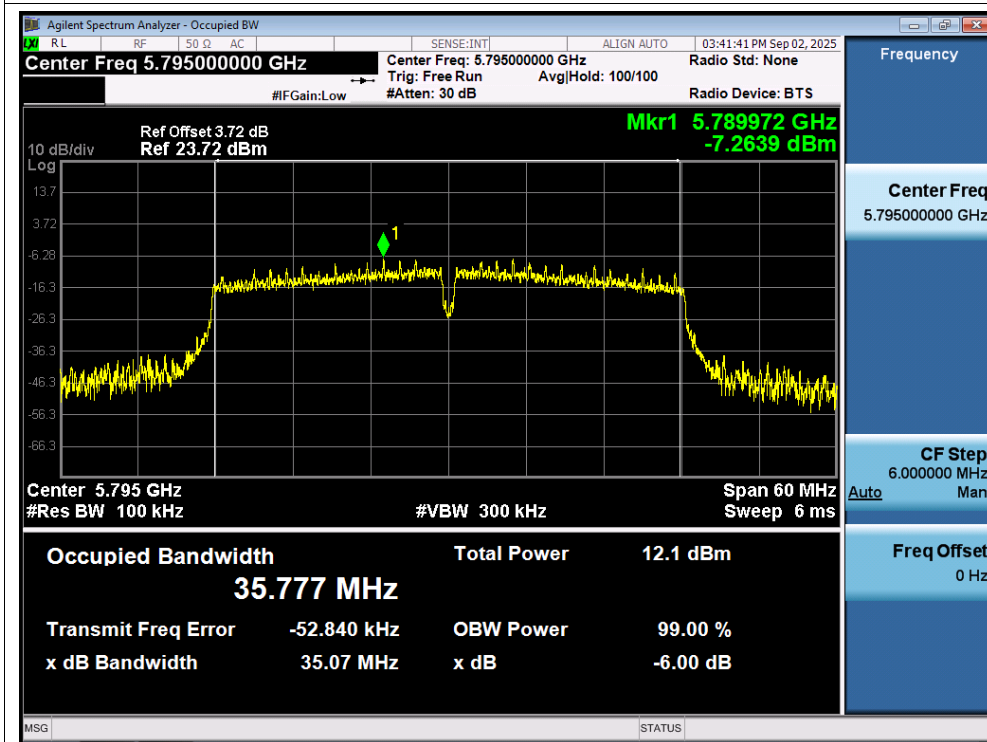
-6dB Bandwidth NVNT n20 5825MHz AntB



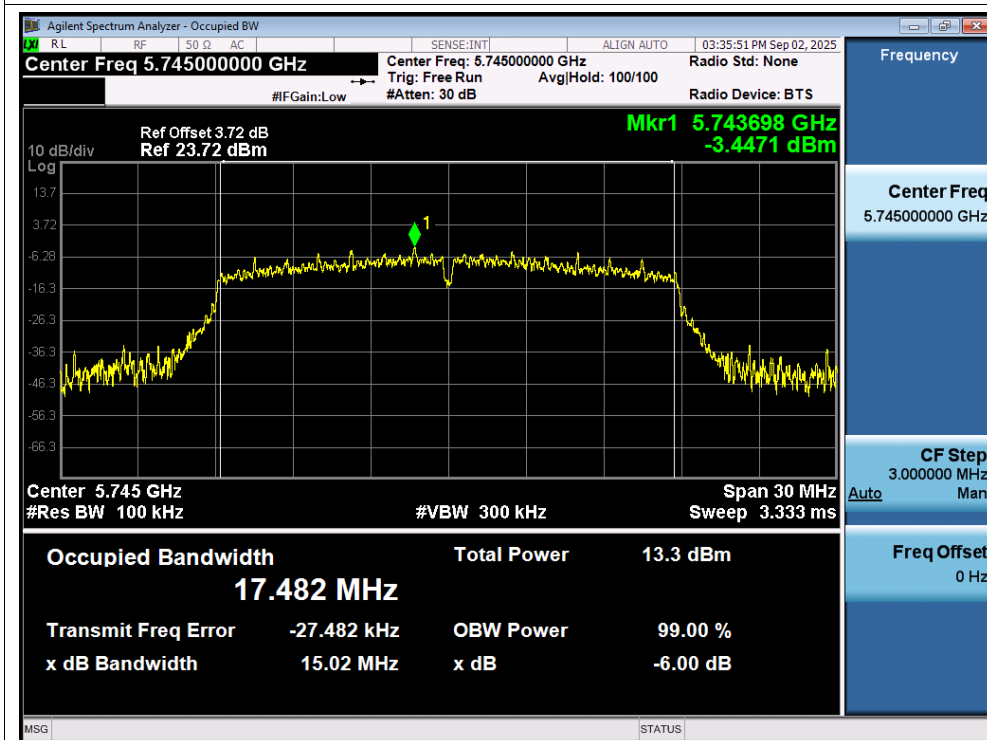
-6dB Bandwidth NVNT n40 5755MHz AntB



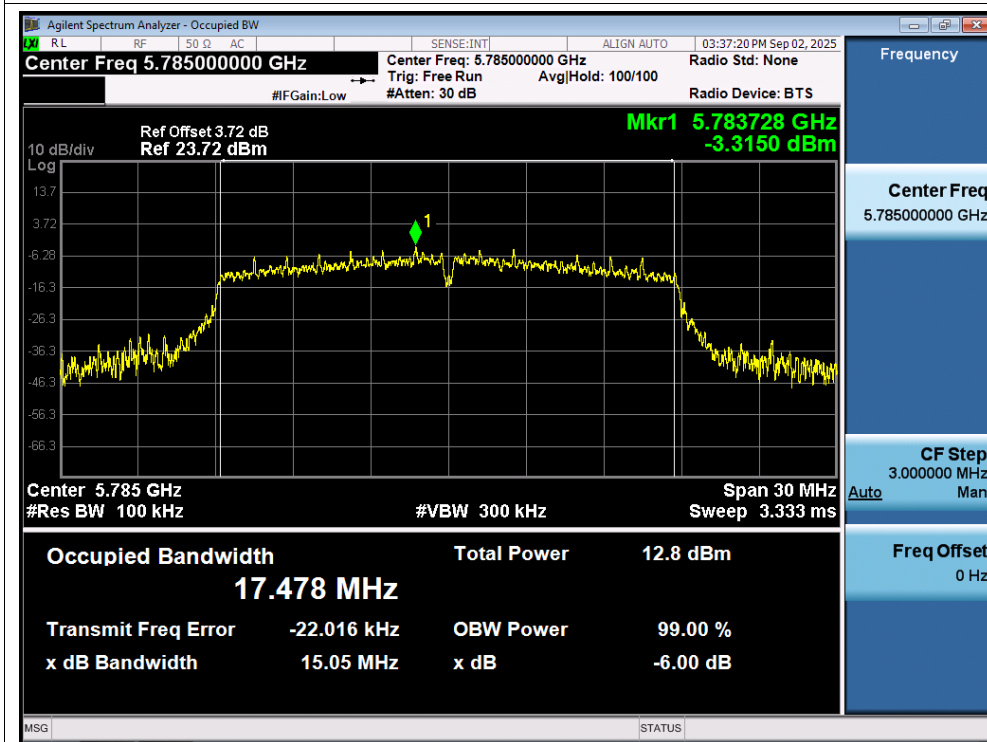
-6dB Bandwidth NVNT n40 5795MHz AntB



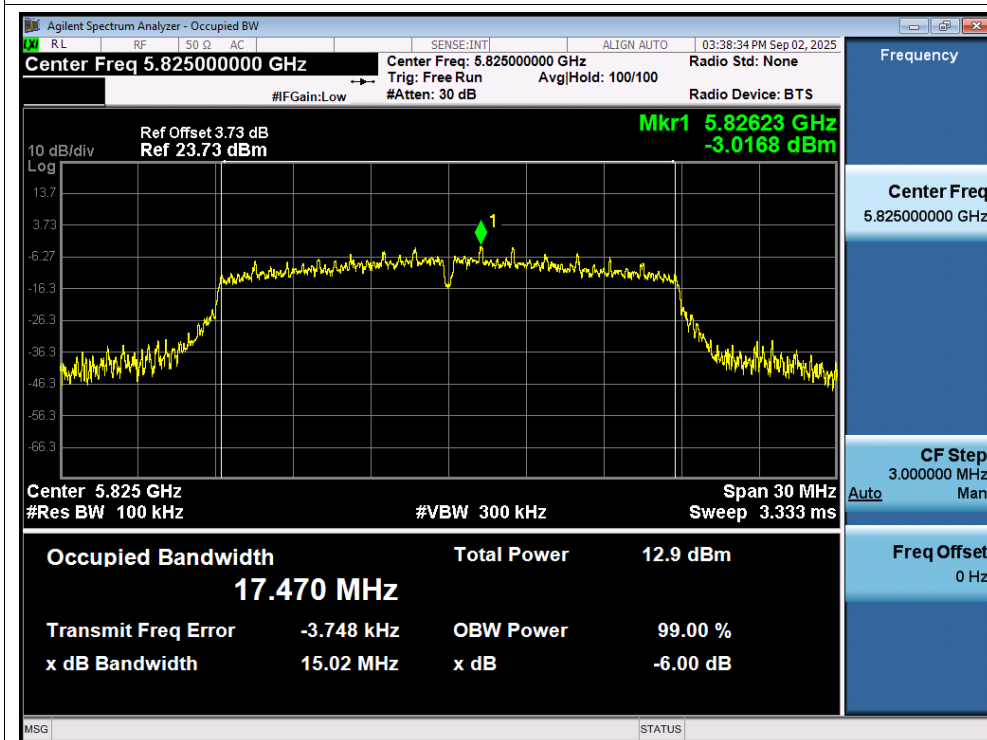
-6dB Bandwidth NVNT ac20 5745MHz AntB



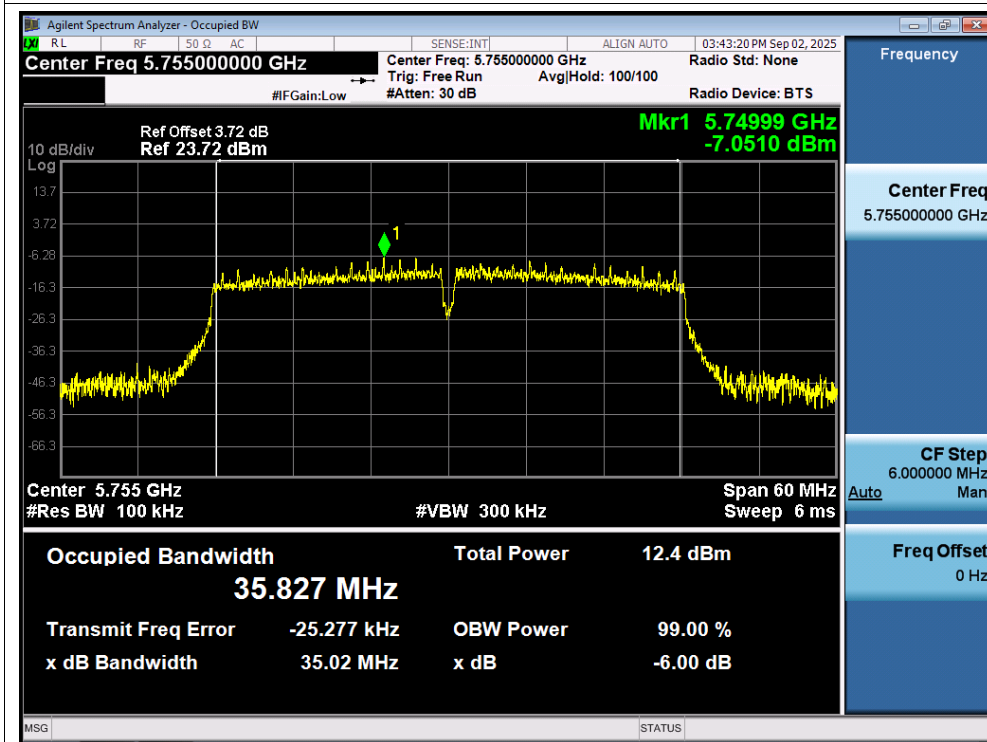
-6dB Bandwidth NVNT ac20 5785MHz AntB



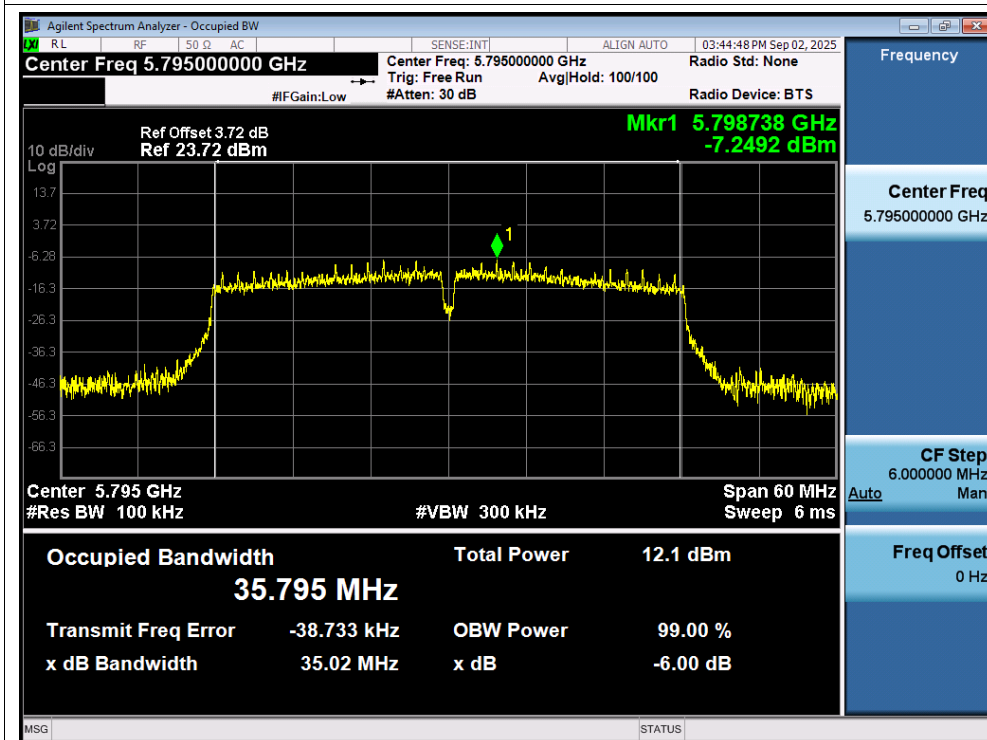
-6dB Bandwidth NVNT ac20 5825MHz AntB



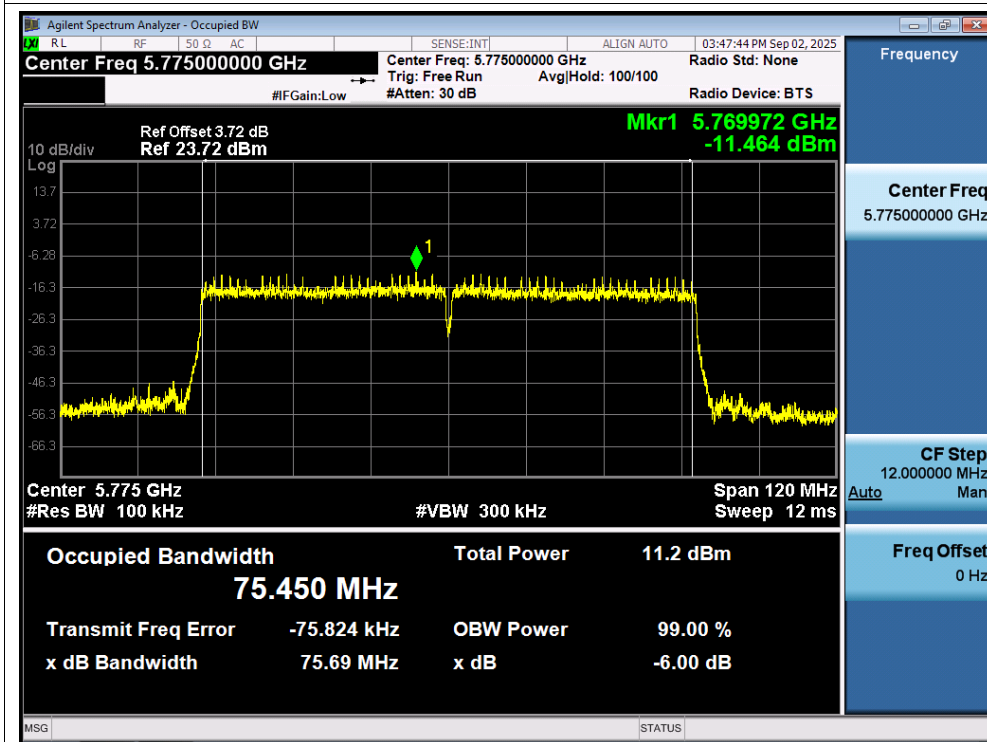
-6dB Bandwidth NVNT ac40 5755MHz AntB



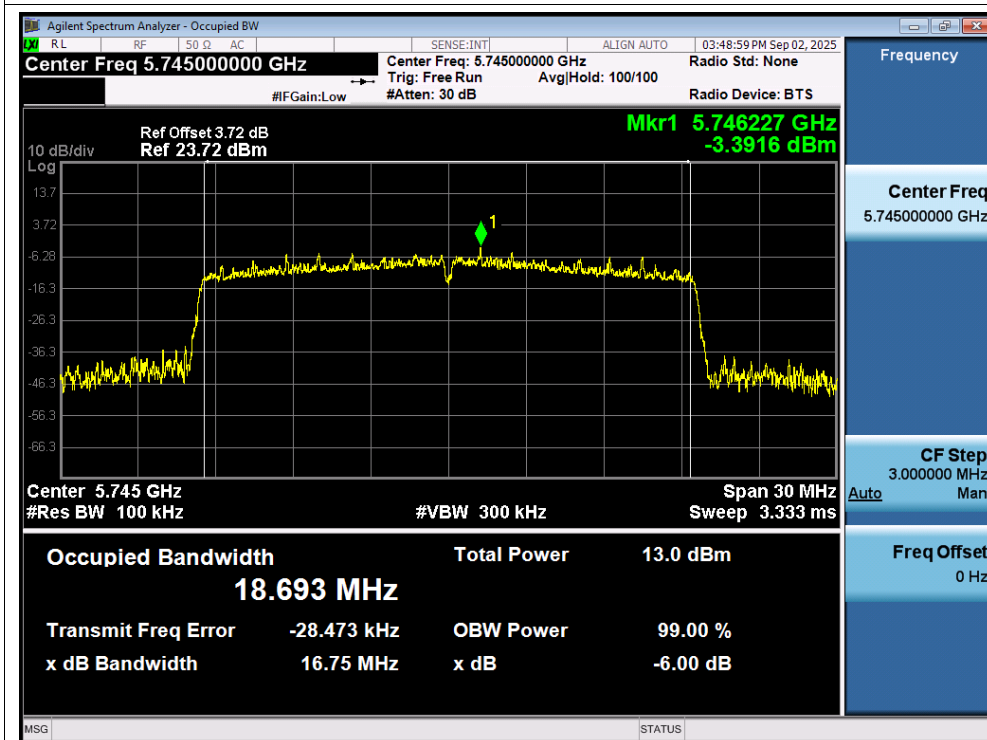
-6dB Bandwidth NVNT ac40 5795MHz AntB



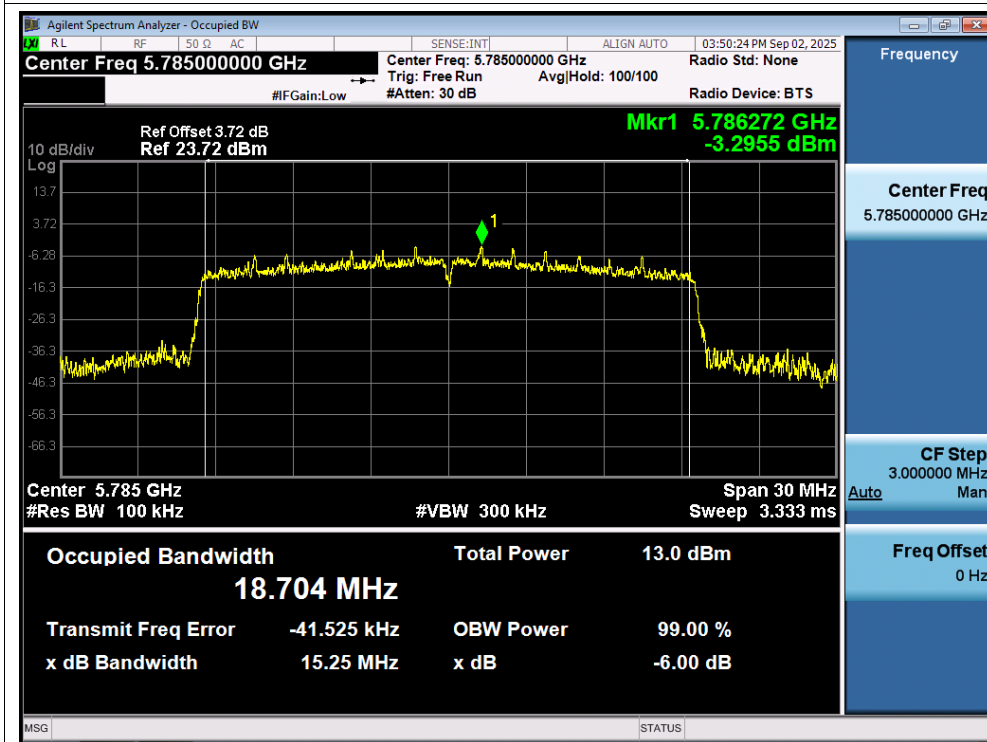
-6dB Bandwidth NVNT ac80 5775MHz AntB



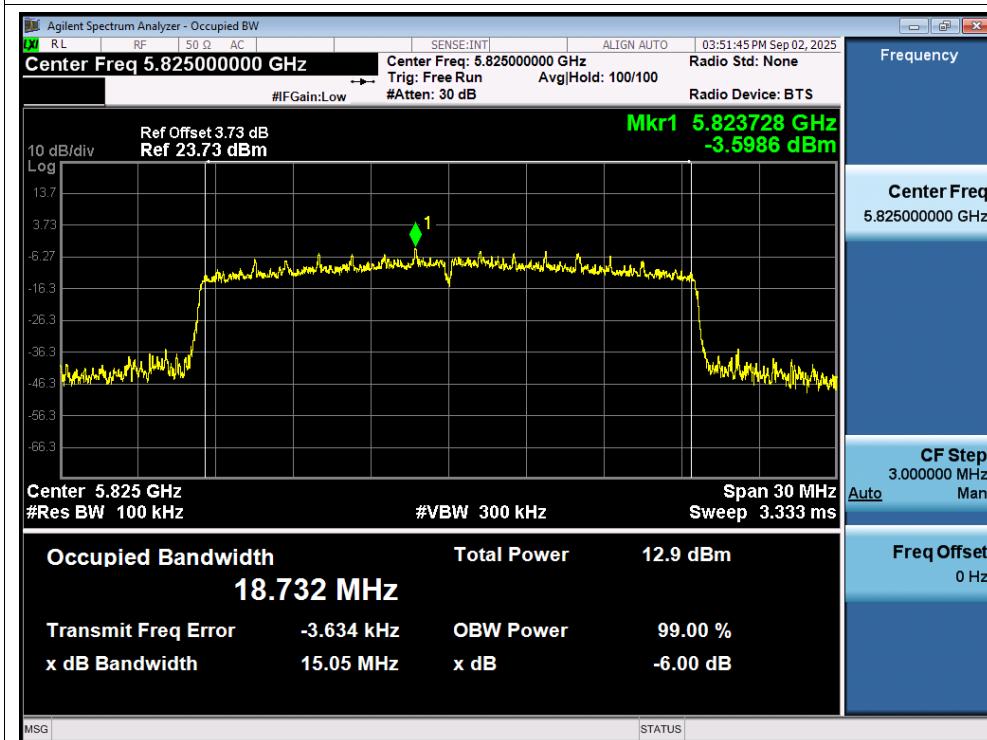
-6dB Bandwidth NVNT ax20 5745MHz AntB



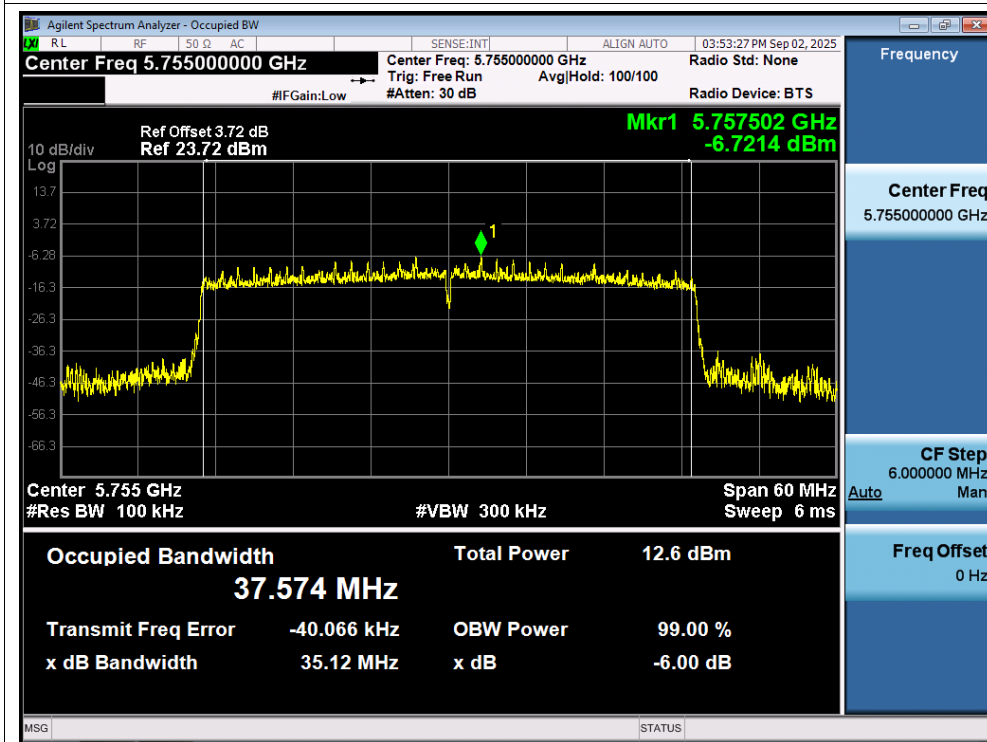
-6dB Bandwidth NVNT ax20 5785MHz AntB



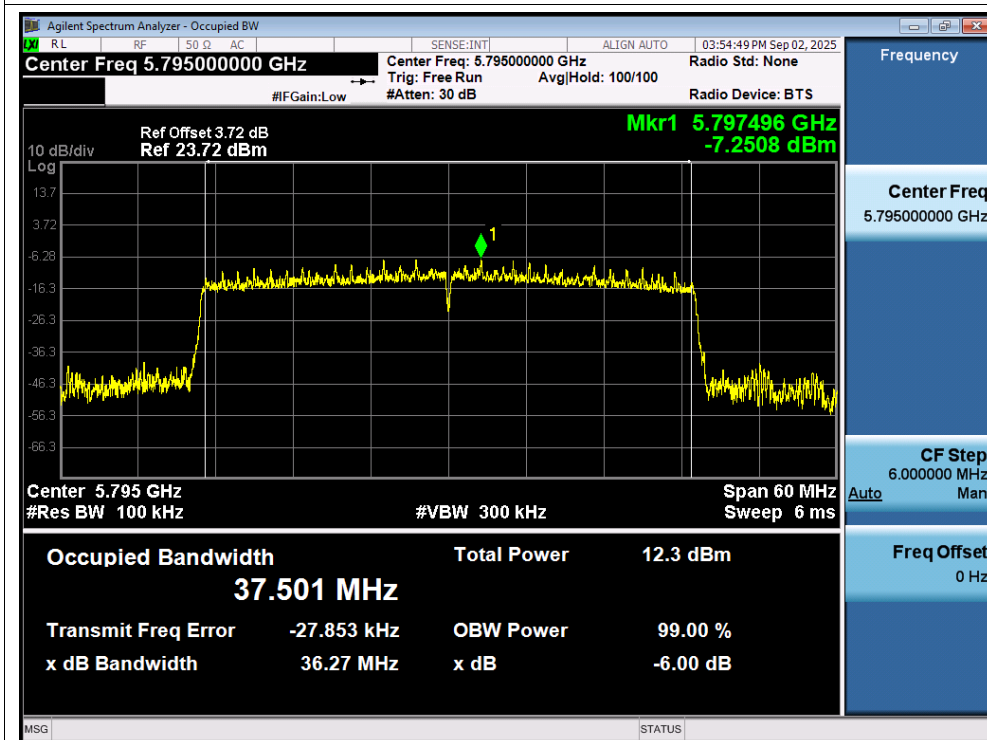
-6dB Bandwidth NVNT ax20 5825MHz AntB



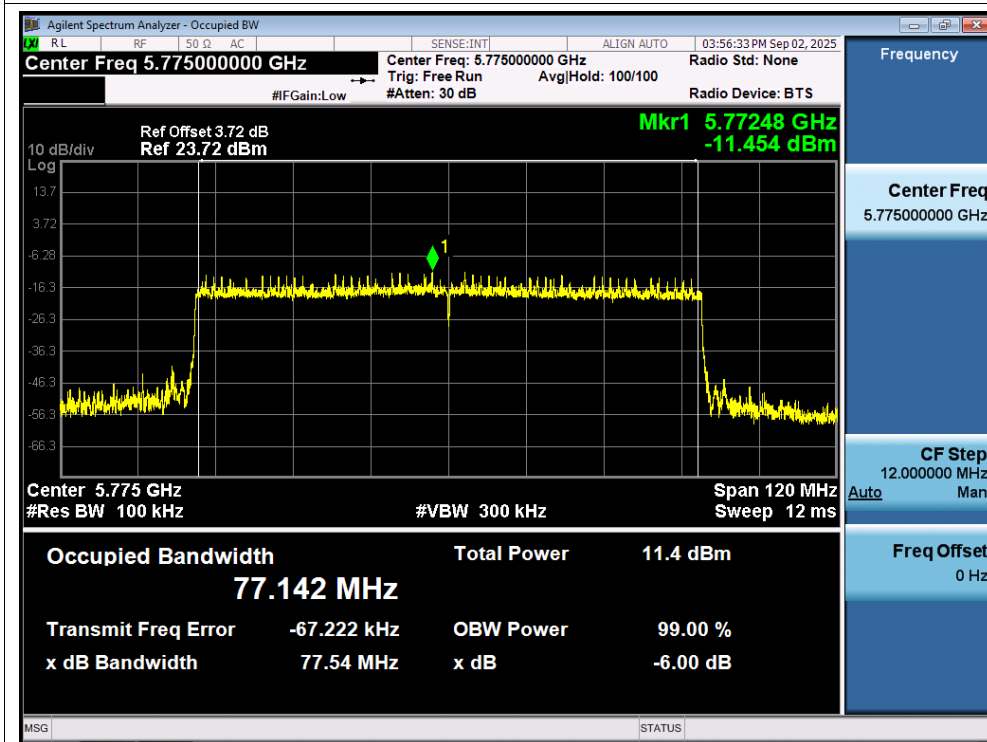
-6dB Bandwidth NVNT ax40 5755MHz AntB



-6dB Bandwidth NVNT ax40 5795MHz AntB



-6dB Bandwidth NVNT ax80 5775MHz AntB



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	AntB	-4.38	30	Pass
NVNT	a	5785	AntB	-5.04	30	Pass
NVNT	a	5825	AntB	-4.58	30	Pass
NVNT	n20	5745	AntB	-5.89	30	Pass
NVNT	n20	5785	AntB	-5.68	30	Pass
NVNT	n20	5825	AntB	-5.63	30	Pass
NVNT	n40	5755	AntB	-10.96	30	Pass
NVNT	n40	5795	AntB	-10.44	30	Pass
NVNT	ac20	5745	AntB	-5.73	30	Pass
NVNT	ac20	5785	AntB	-5.94	30	Pass
NVNT	ac20	5825	AntB	-6.02	30	Pass
NVNT	ac40	5755	AntB	-10.7	30	Pass
NVNT	ac40	5795	AntB	-10.77	30	Pass
NVNT	ac80	5775	AntB	-16.96	30	Pass
NVNT	ax20	5745	AntB	-5.81	30	Pass
NVNT	ax20	5785	AntB	-6.33	30	Pass
NVNT	ax20	5825	AntB	-6.08	30	Pass
NVNT	ax40	5755	AntB	-11.23	30	Pass
NVNT	ax40	5795	AntB	-11.04	30	Pass
NVNT	ax80	5775	AntB	-16.24	30	Pass

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant A	Ant B	Total		
NVNT	a	5745	-5.49	-4.38	/	11	Pass
NVNT	a	5785	-5.54	-5.04	/	11	Pass
NVNT	a	5825	-6.13	-4.58	/	11	Pass
NVNT	n20	5745	-7.01	-5.89	-3.40	11	Pass
NVNT	n20	5785	-6.81	-5.68	-3.20	11	Pass
NVNT	n20	5825	-7.62	-5.63	-3.50	11	Pass
NVNT	n40	5755	-11.65	-10.96	-8.28	11	Pass
NVNT	n40	5795	-11.86	-10.44	-8.08	11	Pass
NVNT	ac20	5745	-7.18	-5.73	-3.38	11	Pass
NVNT	ac20	5785	-6.79	-5.94	-3.33	11	Pass
NVNT	ac20	5825	-7.61	-6.02	-3.73	11	Pass
NVNT	ac40	5755	-11.48	-10.7	-8.06	11	Pass
NVNT	ac40	5795	-11.67	-10.77	-8.19	11	Pass
NVNT	ac80	5775	-17.31	-16.96	-14.12	11	Pass
NVNT	ax20	5745	-7.15	-5.81	-3.42	11	Pass
NVNT	ax20	5785	-7.58	-6.33	-3.90	11	Pass
NVNT	ax20	5825	-7.51	-6.08	-3.73	11	Pass
NVNT	ax40	5755	-11.16	-11.23	-8.18	11	Pass
NVNT	ax40	5795	-11.88	-11.04	-8.43	11	Pass
NVNT	ax80	5775	-17.41	-16.24	-13.78	11	Pass

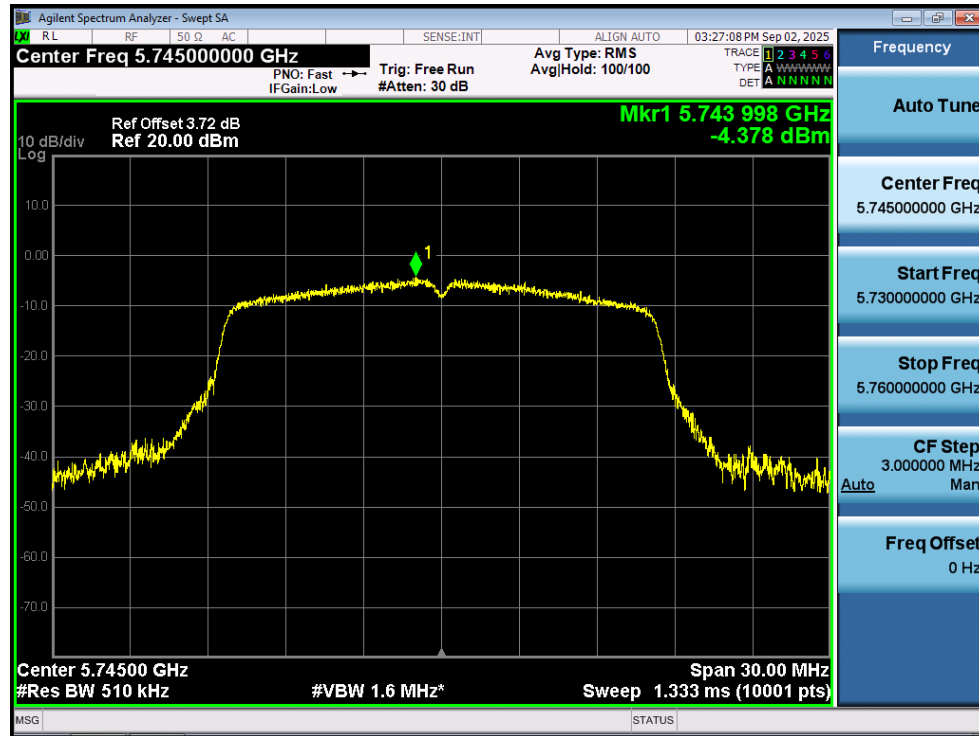
Note:

Antenna A gain: 1.69 dBi, Antenna B gain: 1.61 dBi, Directional gain=[GainANT + 10 log(NANT/NSS) dBi] =4.70 dBi<6dBi

Limit=11 dBi

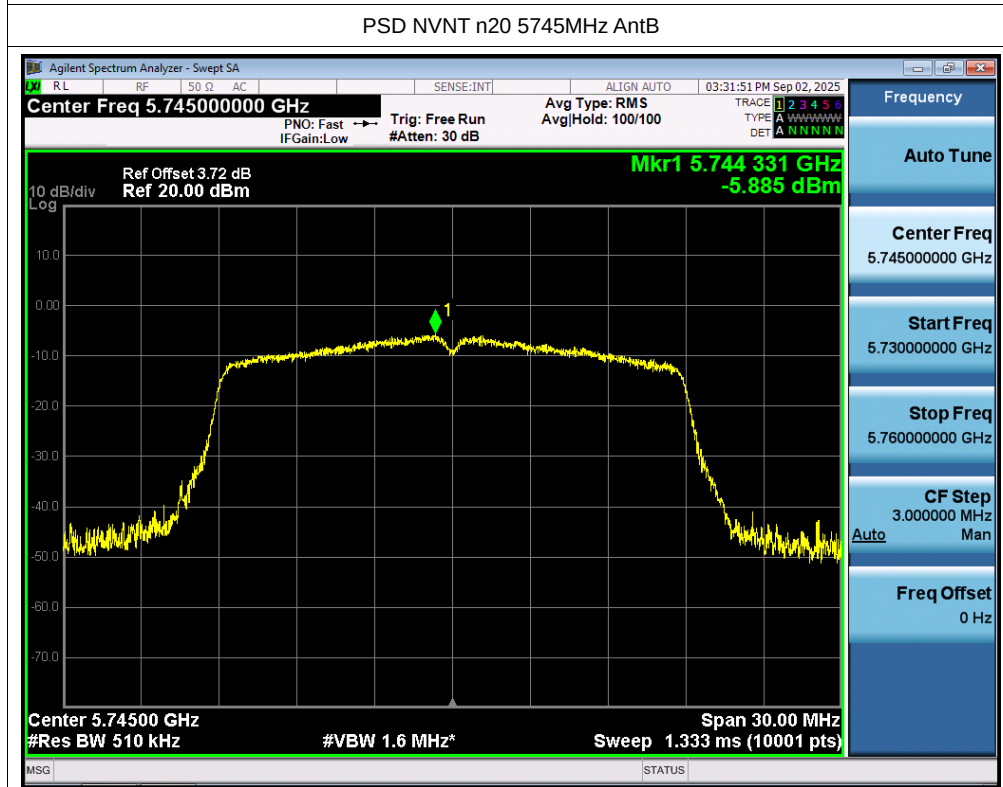
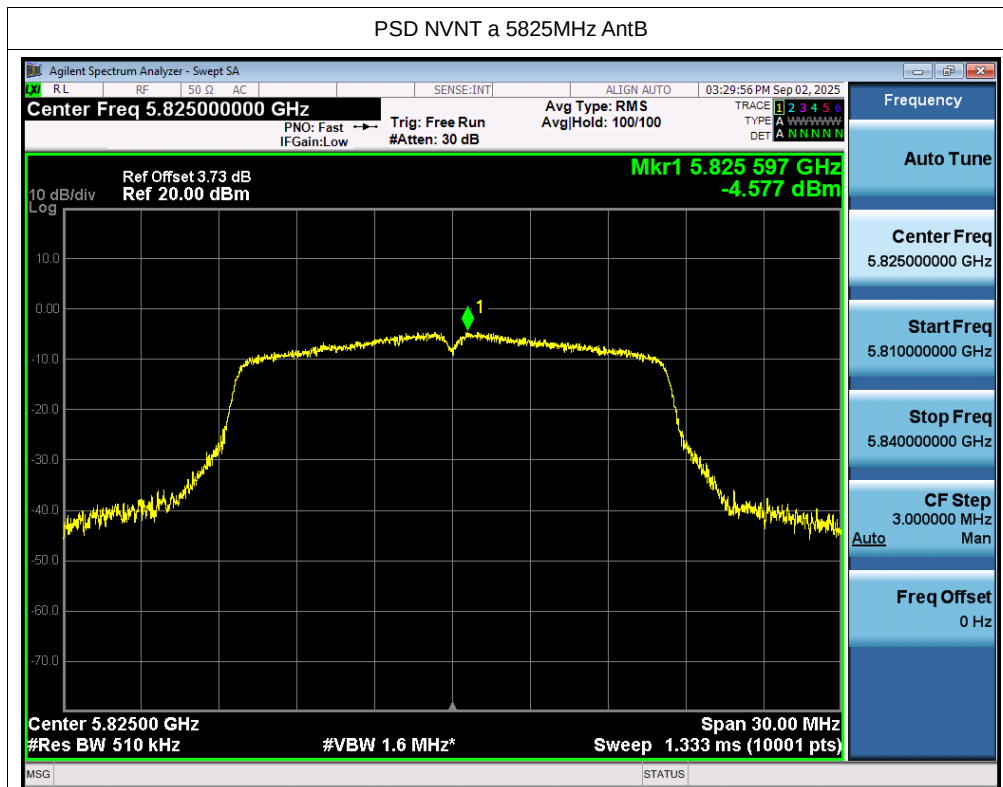
Test Graphs

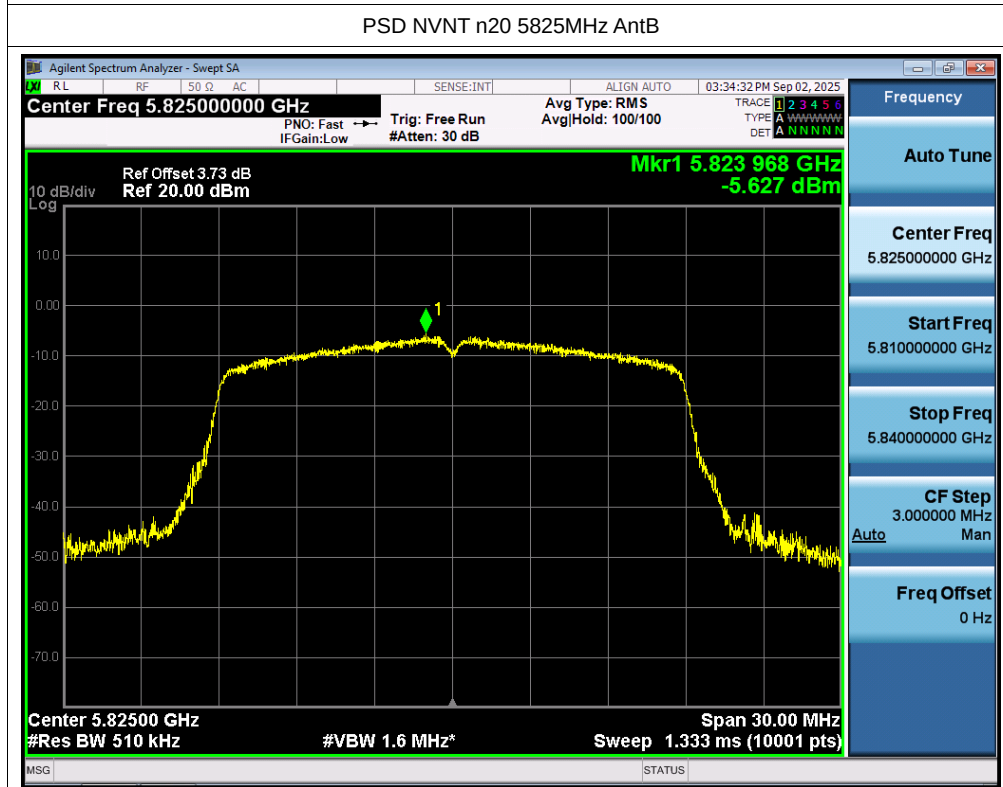
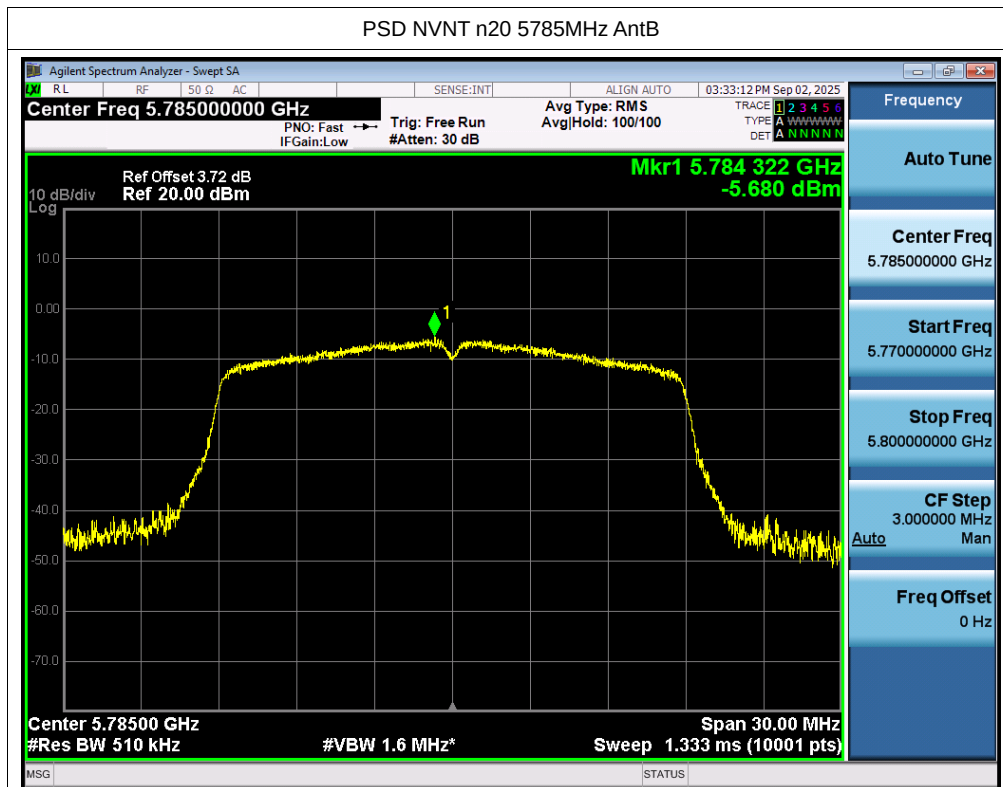
PSD NVNT a 5745MHz AntB

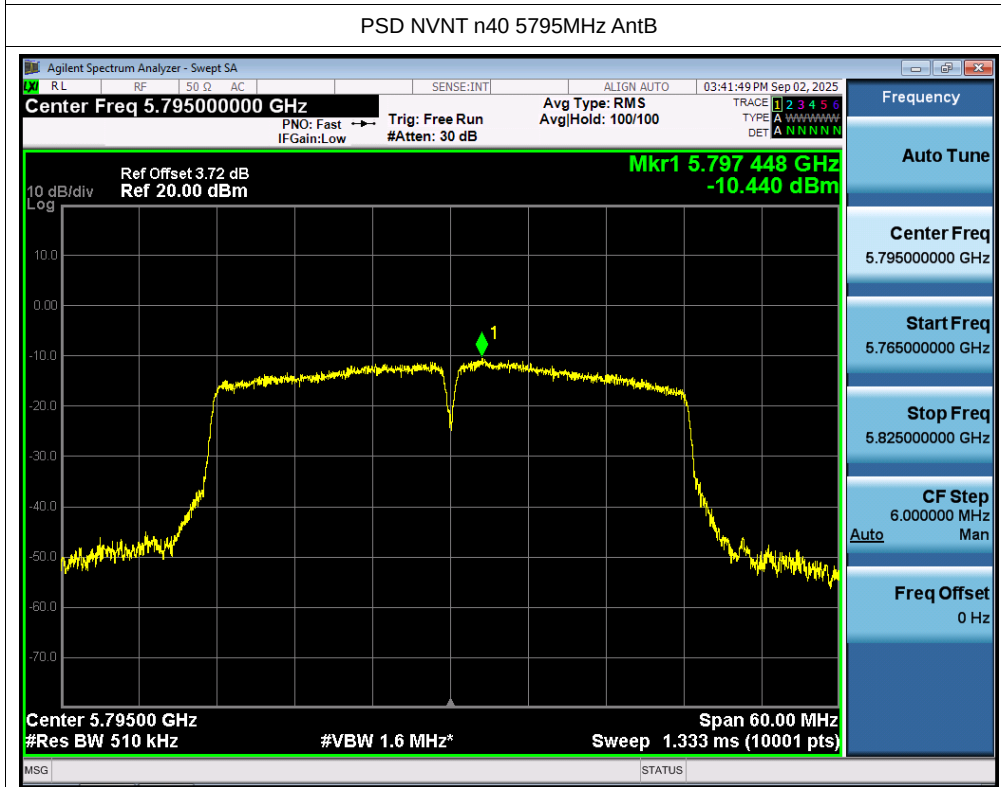
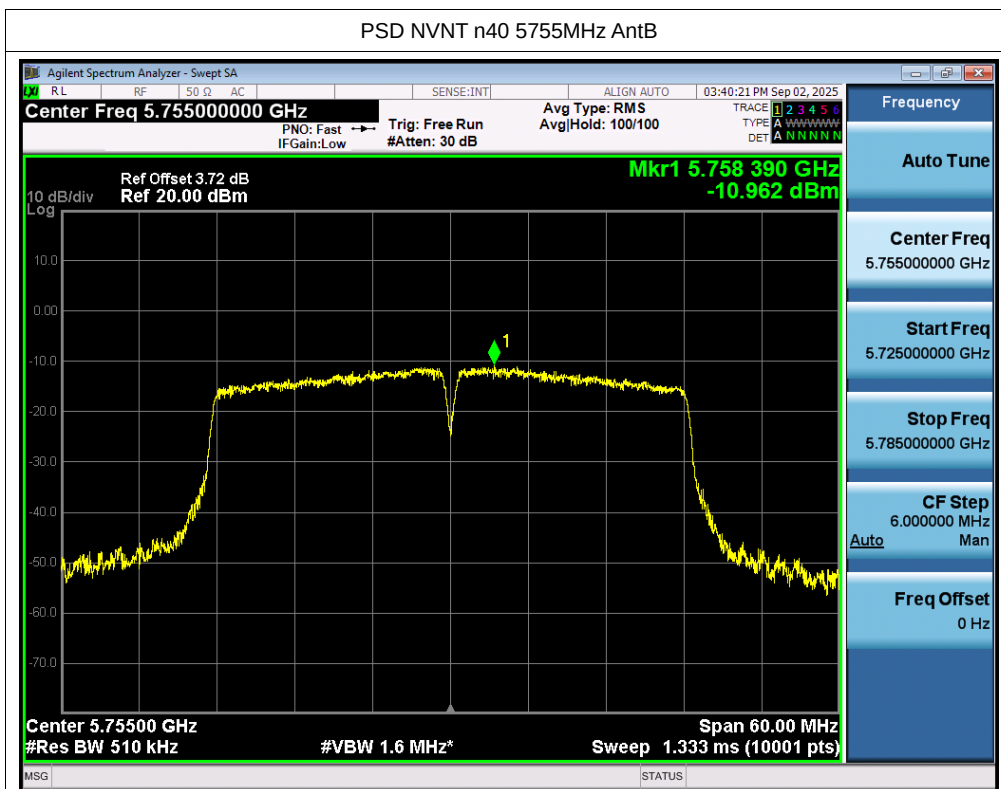


PSD NVNT a 5785MHz AntB

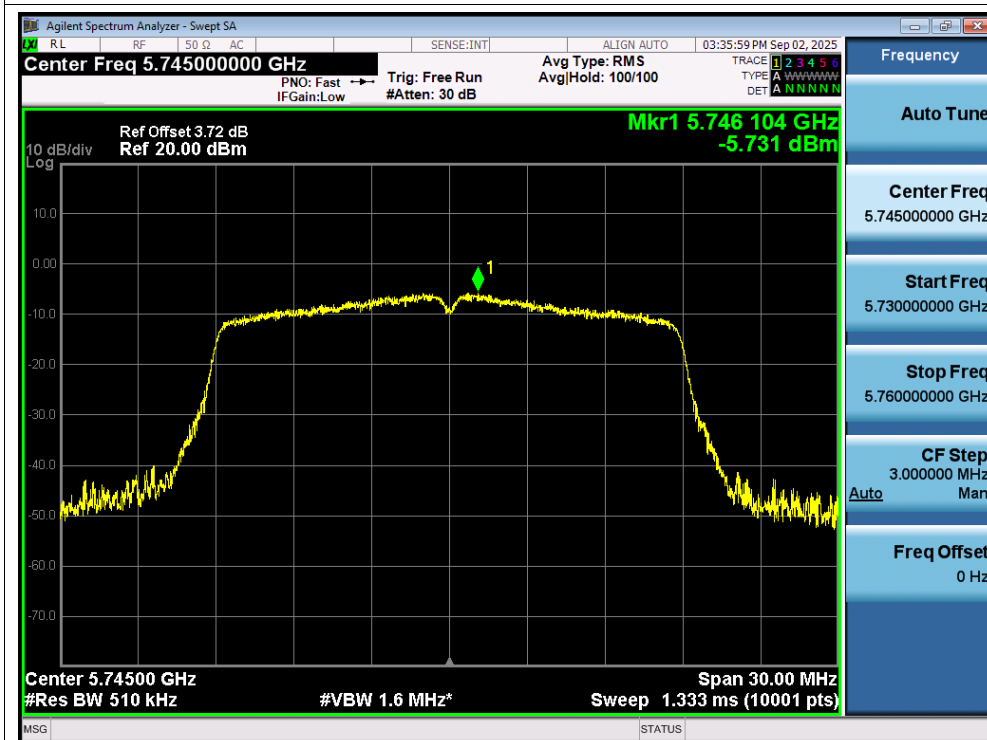




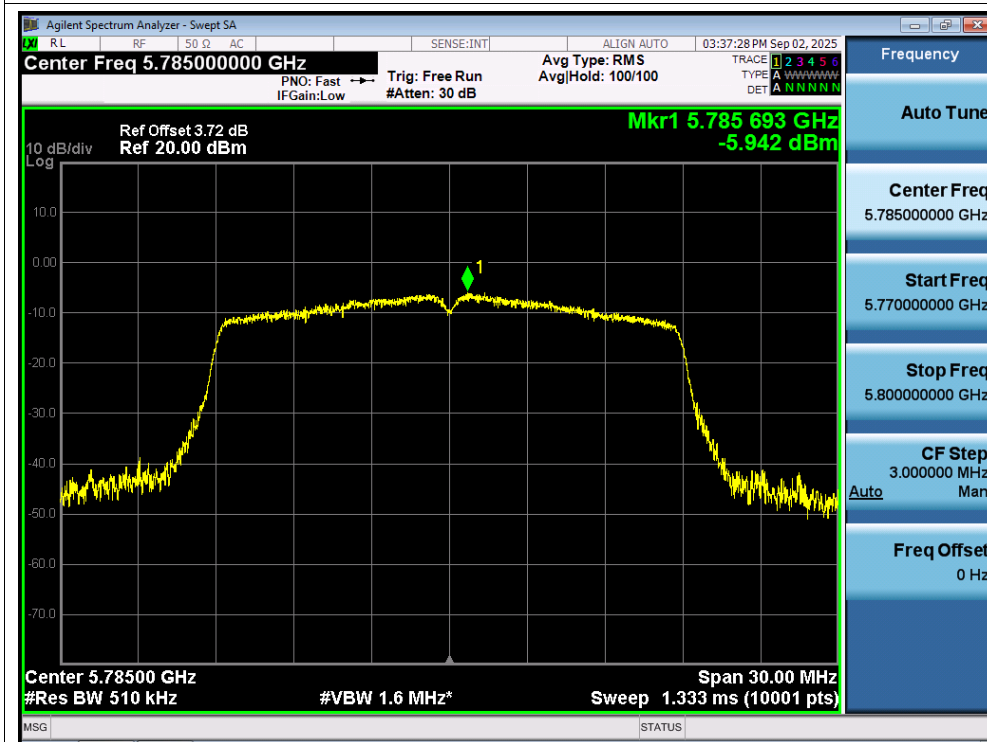




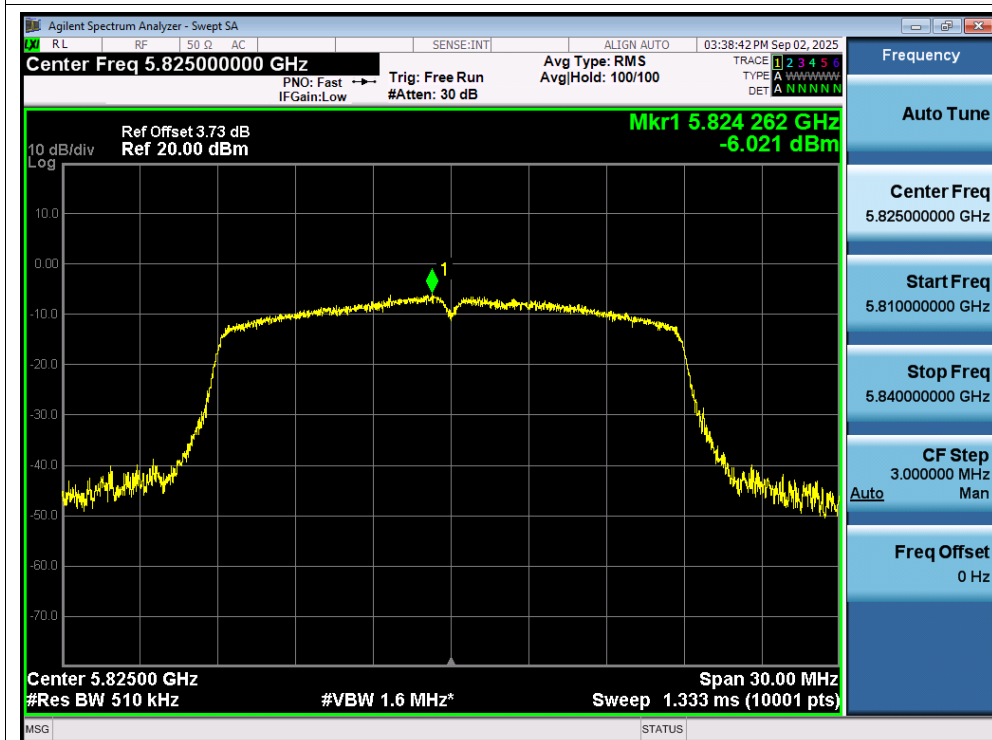
PSD NVNT ac20 5745MHz AntB



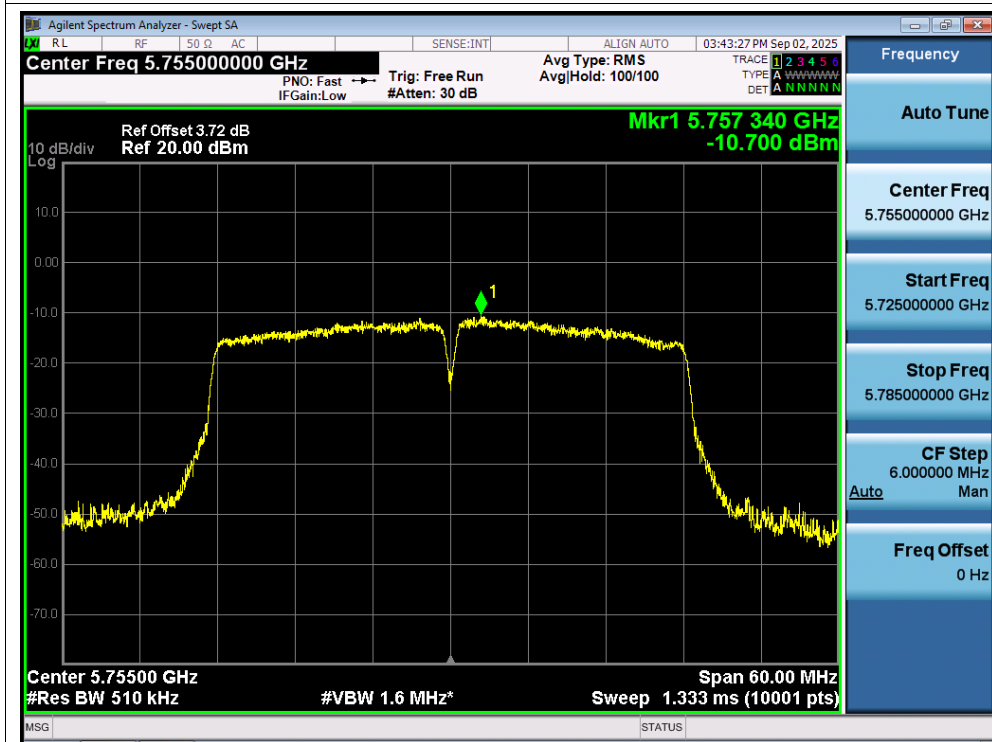
PSD NVNT ac20 5785MHz AntB



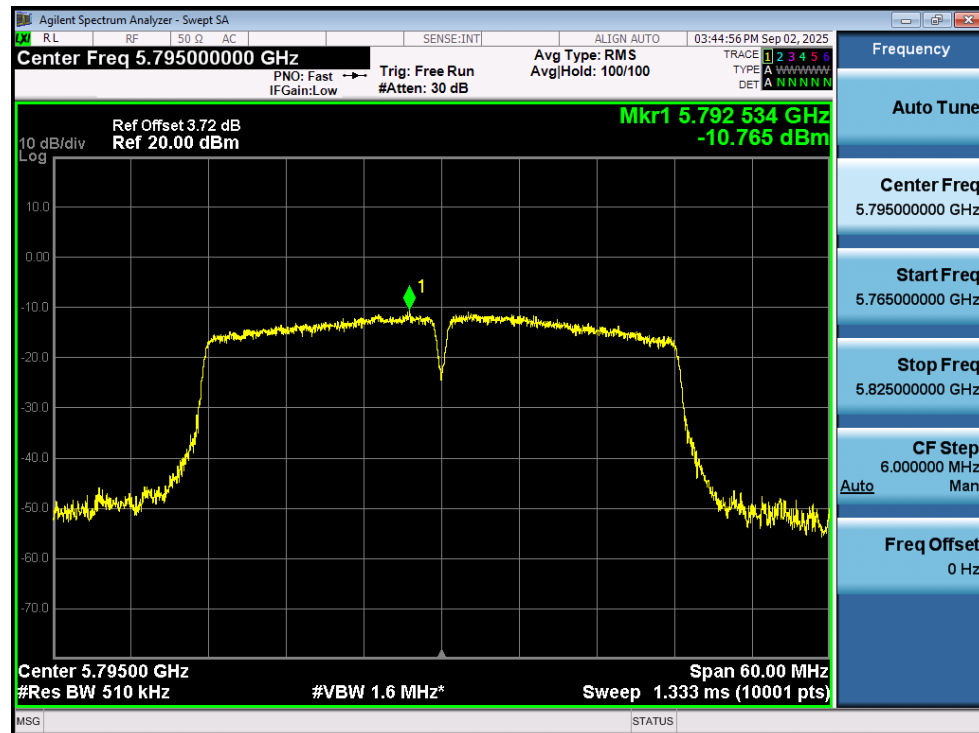
PSD NVNT ac20 5825MHz AntB



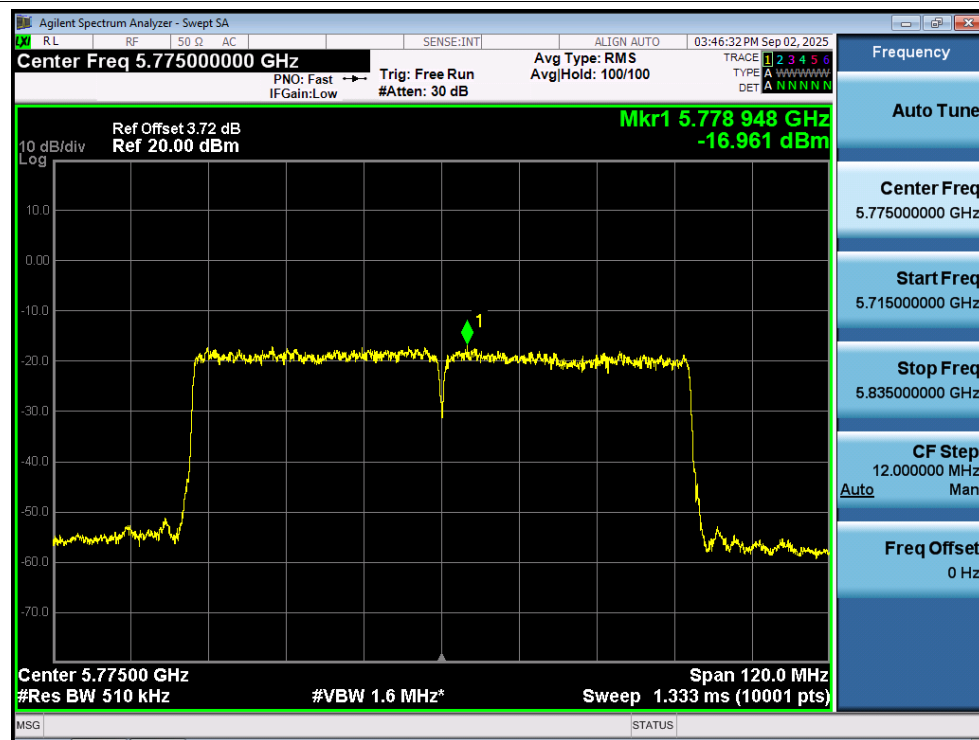
PSD NVNT ac40 5755MHz AntB



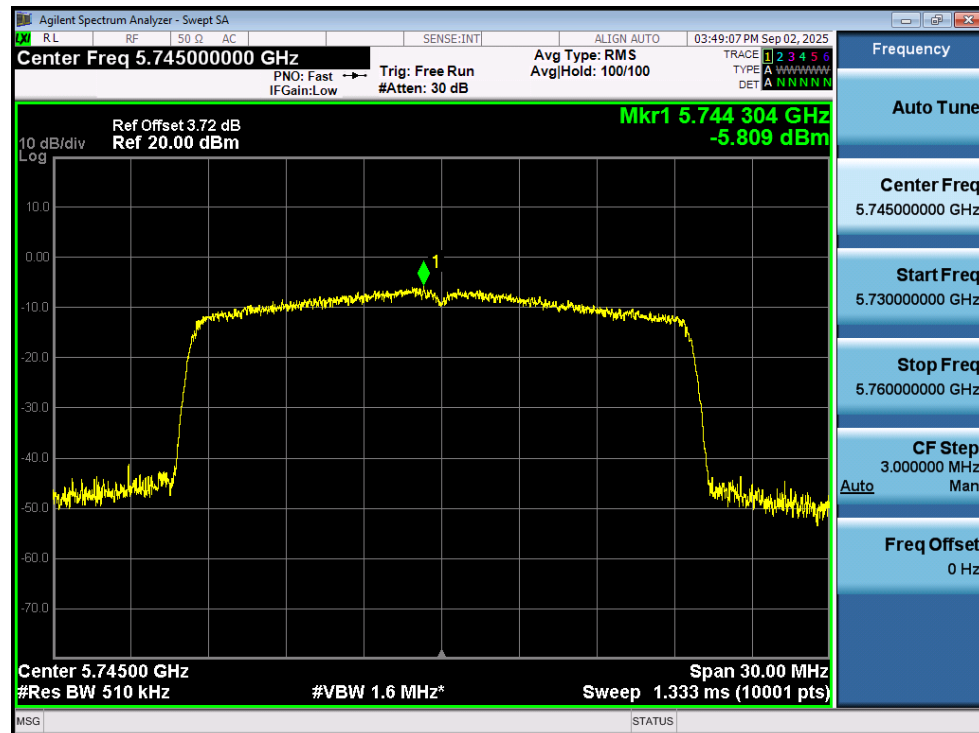
PSD NVNT ac40 5795MHz AntB



PSD NVNT ac80 5775MHz AntB



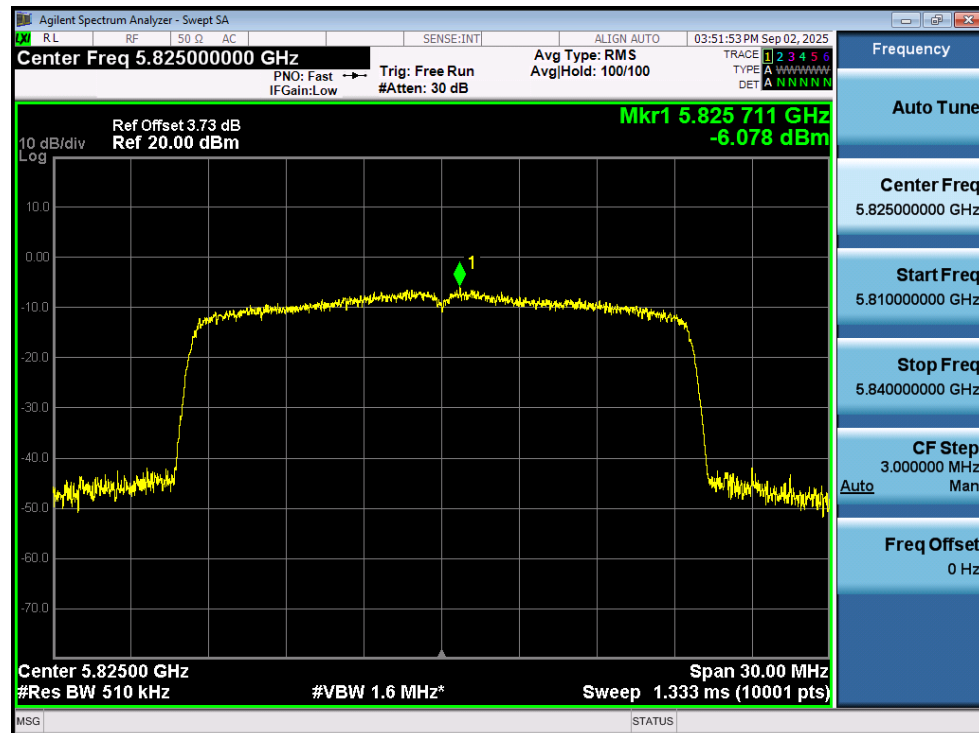
PSD NVNT ax20 5745MHz AntB



PSD NVNT ax20 5785MHz AntB



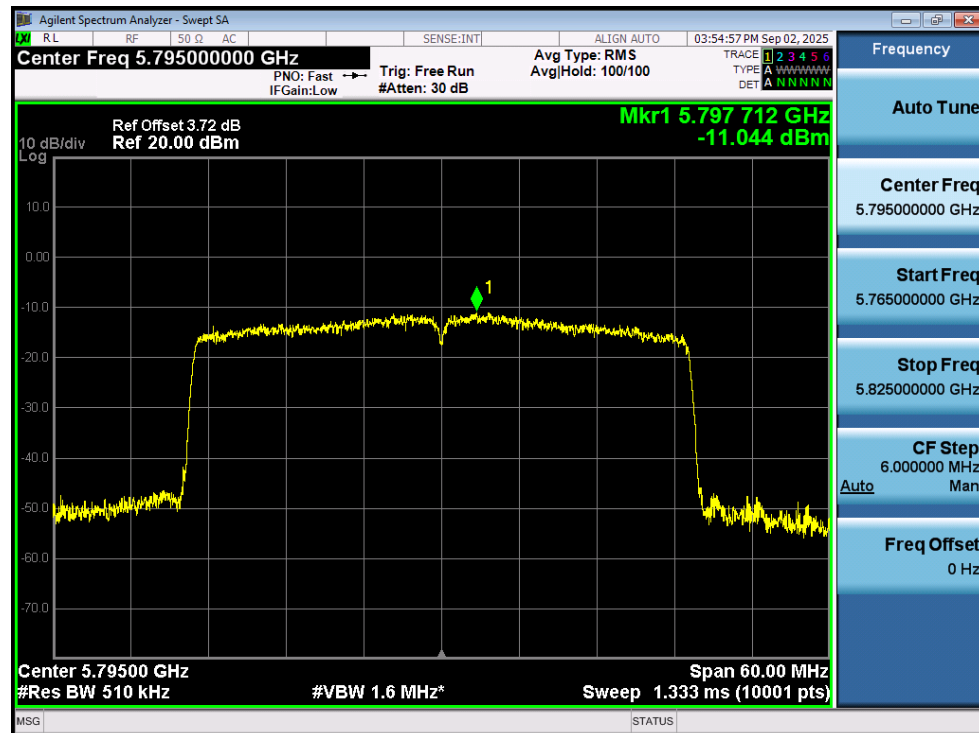
PSD NVNT ax20 5825MHz AntB



PSD NVNT ax40 5755MHz AntB



PSD NVNT ax40 5795MHz AntB



PSD NVNT ax80 5775MHz AntB

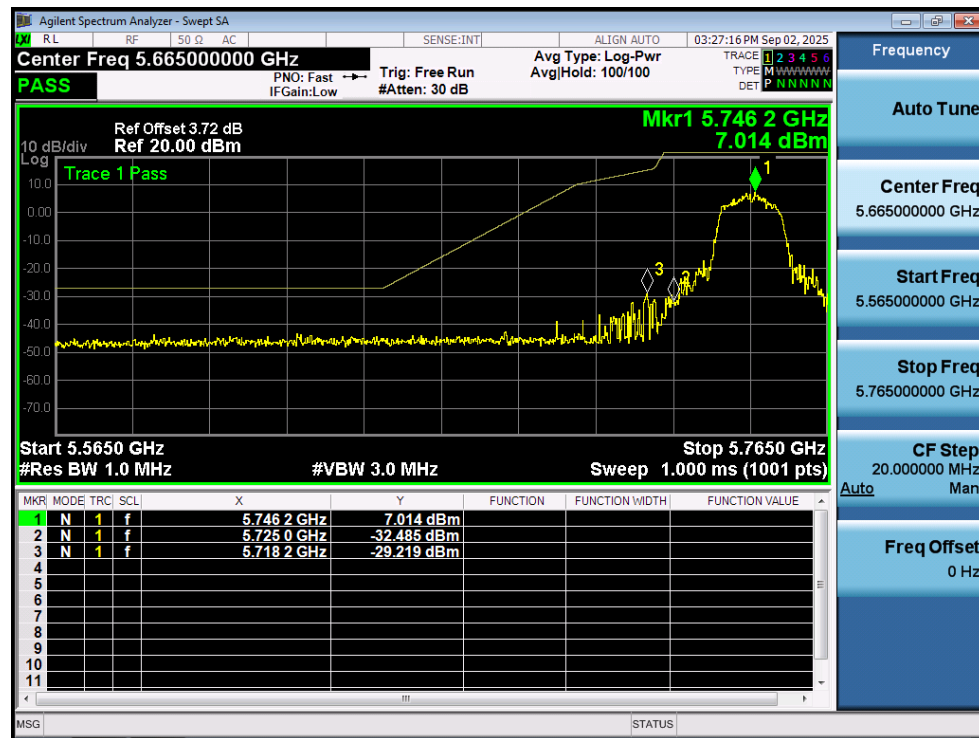


Band Edge

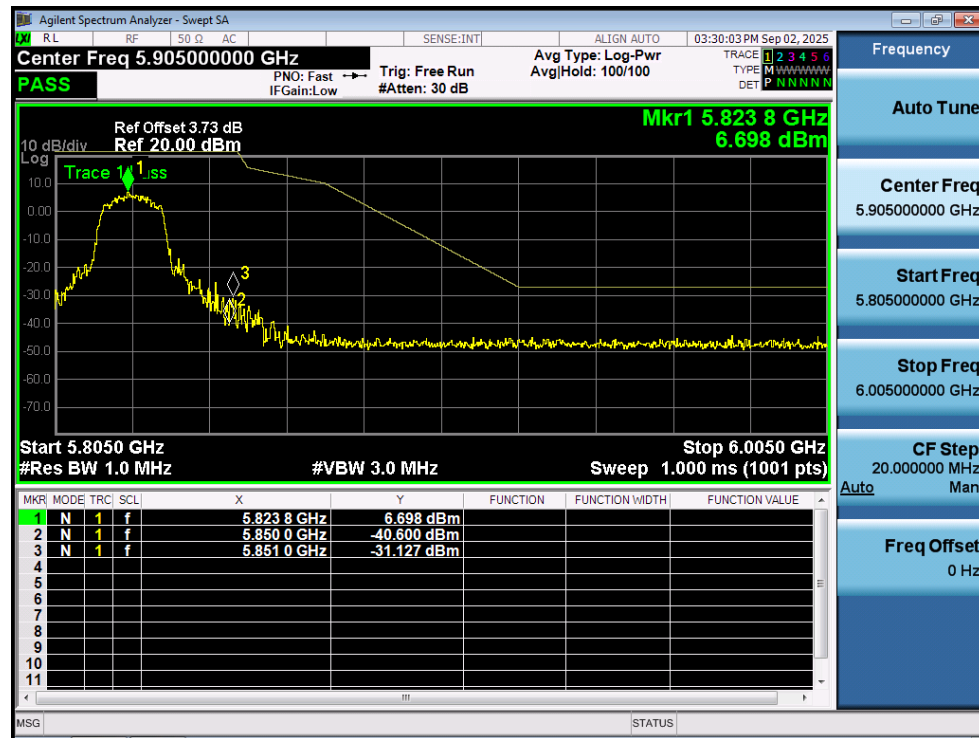
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	AntB	-29.21	Pass
NVNT	a	5825	AntB	-31.12	Pass
NVNT	n20	5745	AntB	-27.5	Pass
NVNT	n20	5825	AntB	-38.9	Pass
NVNT	n40	5755	AntB	-31.28	Pass
NVNT	n40	5795	AntB	-35.74	Pass
NVNT	ac20	5745	AntB	-33.91	Pass
NVNT	ac20	5825	AntB	-33.37	Pass
NVNT	ac40	5755	AntB	-27.92	Pass
NVNT	ac40	5795	AntB	-36.94	Pass
NVNT	ac80	5775	AntB	-44.86	Pass
NVNT	ac80	5775	AntB	-39.66	Pass
NVNT	ax20	5745	AntB	-32.12	Pass
NVNT	ax20	5825	AntB	-32.02	Pass
NVNT	ax40	5755	AntB	-26.55	Pass
NVNT	ax40	5795	AntB	-38.97	Pass
NVNT	ax80	5775	AntB	-42.78	Pass
NVNT	ax80	5775	AntB	-37.28	Pass

Test Graphs

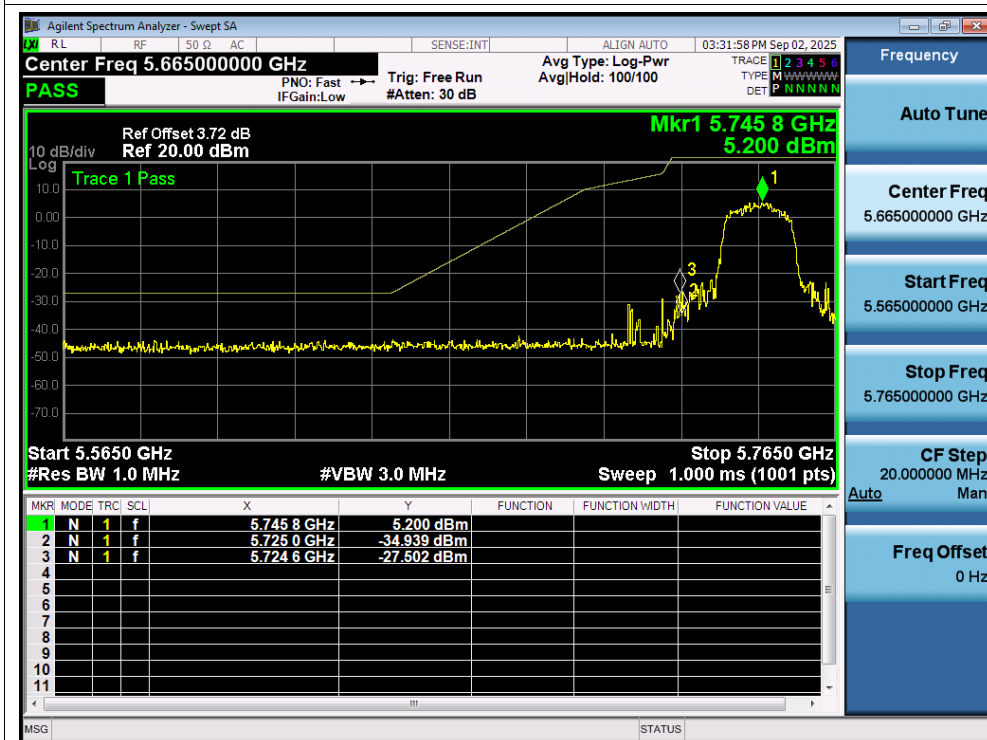
Band Edge NVNT a 5745MHz Low AntB



Band Edge NVNT a 5825MHz High AntB



Band Edge NVNT n20 5745MHz Low AntB



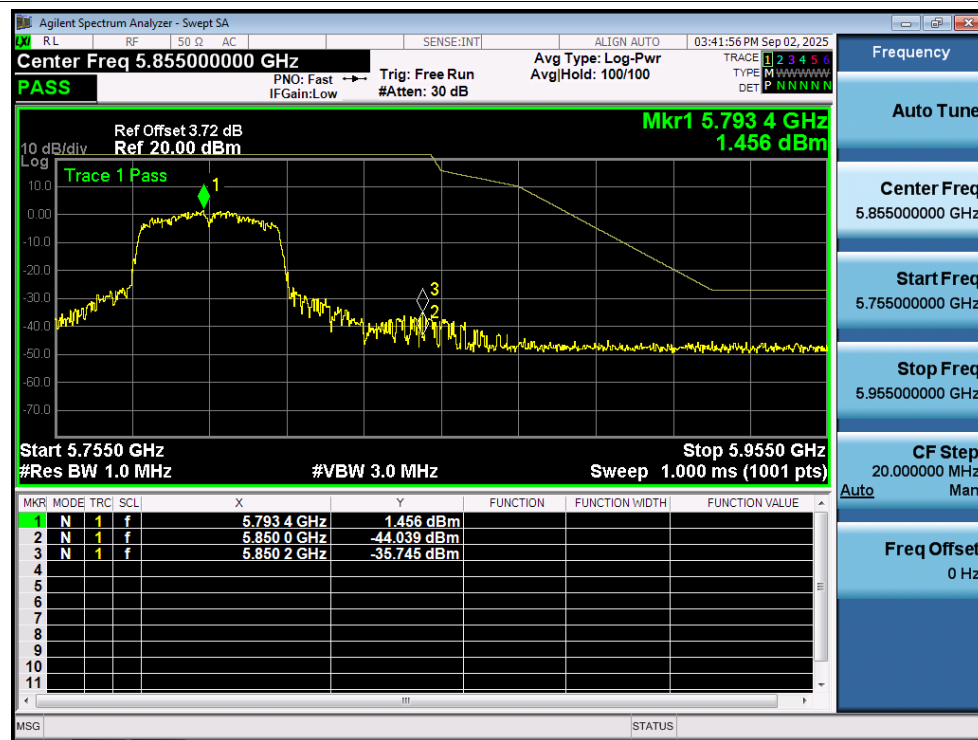
Band Edge NVNT n20 5825MHz High AntB



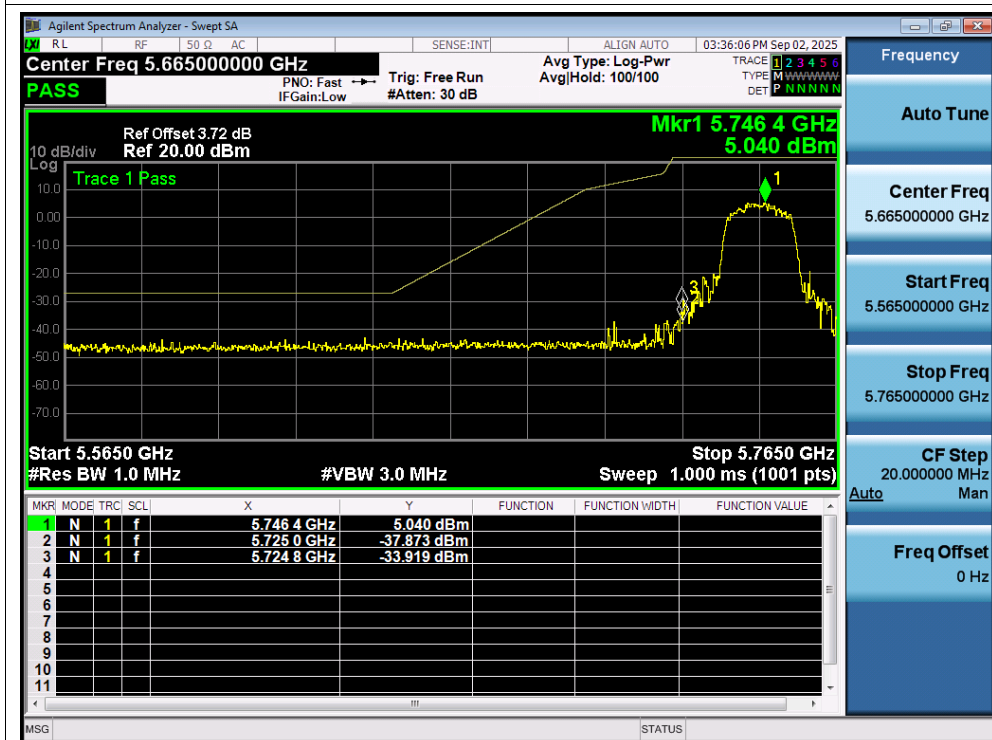
Band Edge NVNT n40 5755MHz Low AntB



Band Edge NVNT n40 5795MHz High AntB



Band Edge NVNT ac20 5745MHz Low AntB



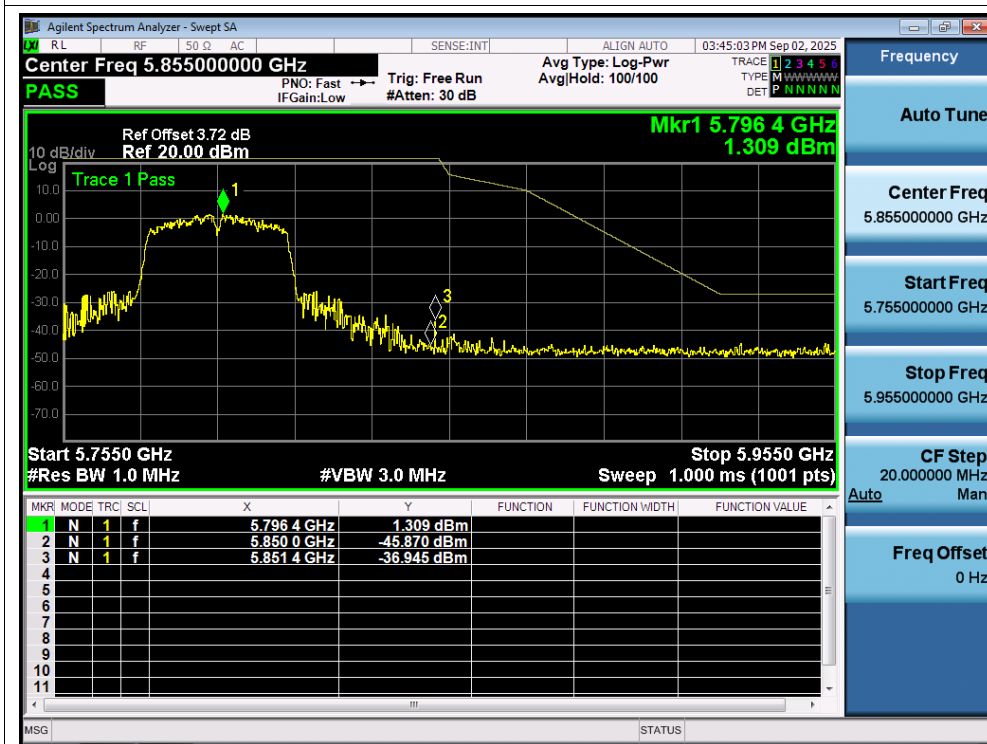
Band Edge NVNT ac20 5825MHz High AntB



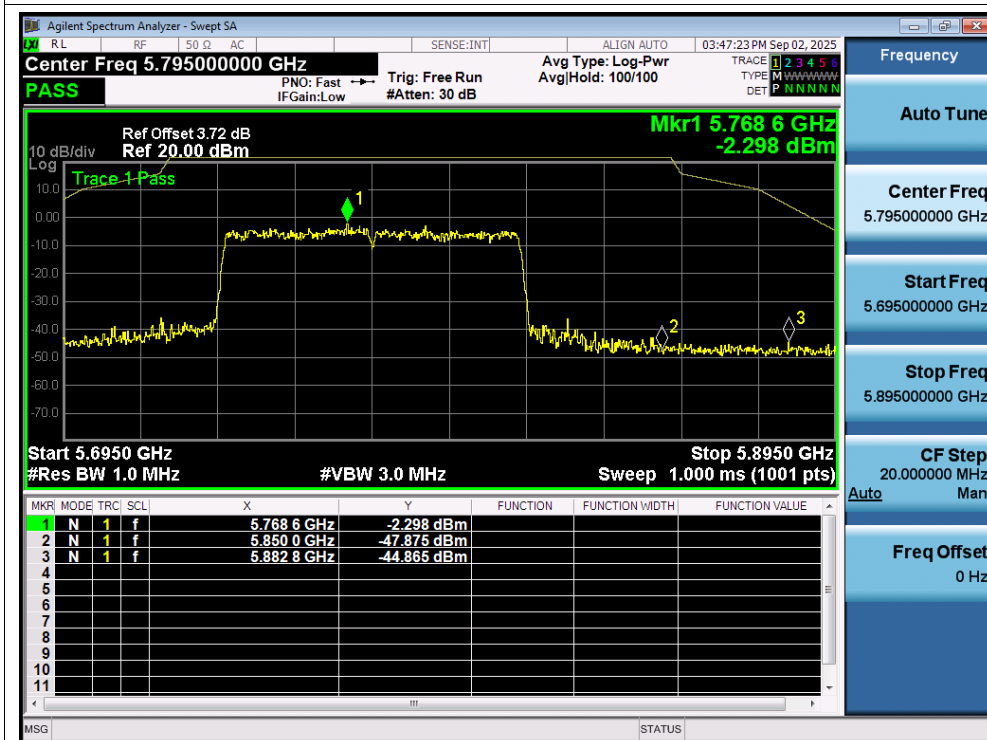
Band Edge NVNT ac40 5755MHz Low AntB



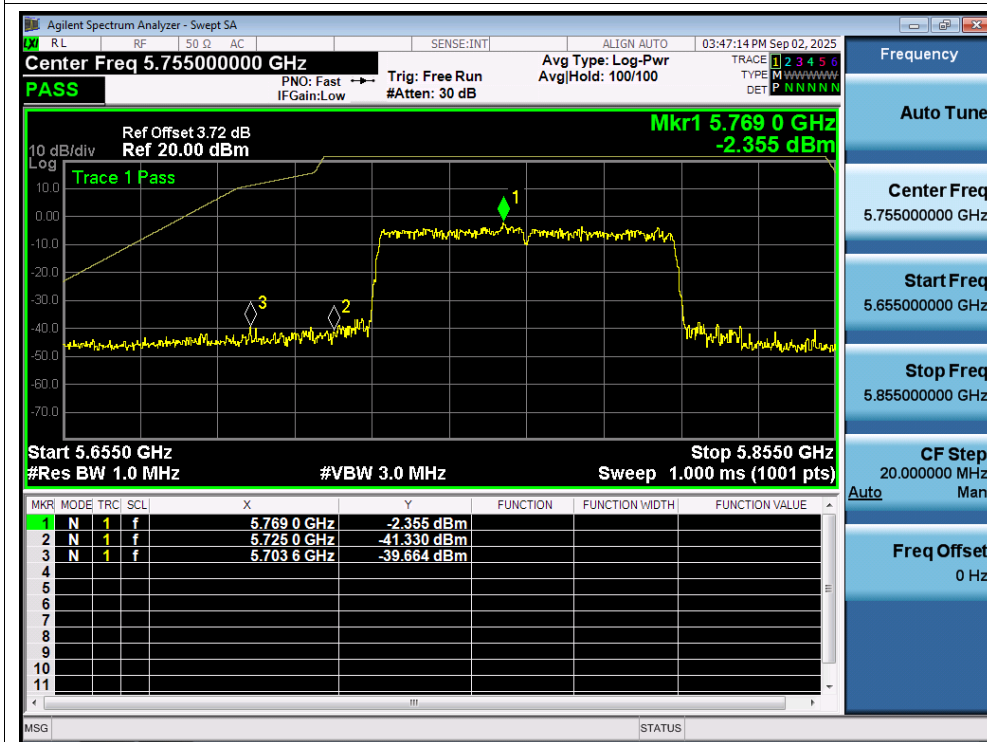
Band Edge NVNT ac40 5795MHz High AntB



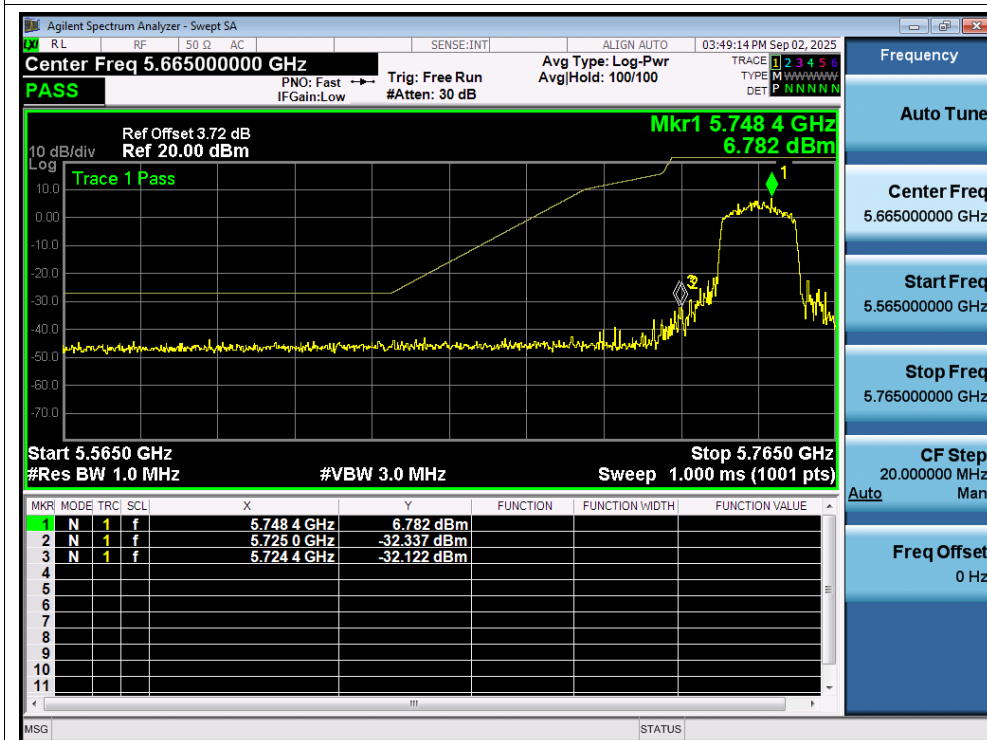
Band Edge NVNT ac80 5775MHz High AntB



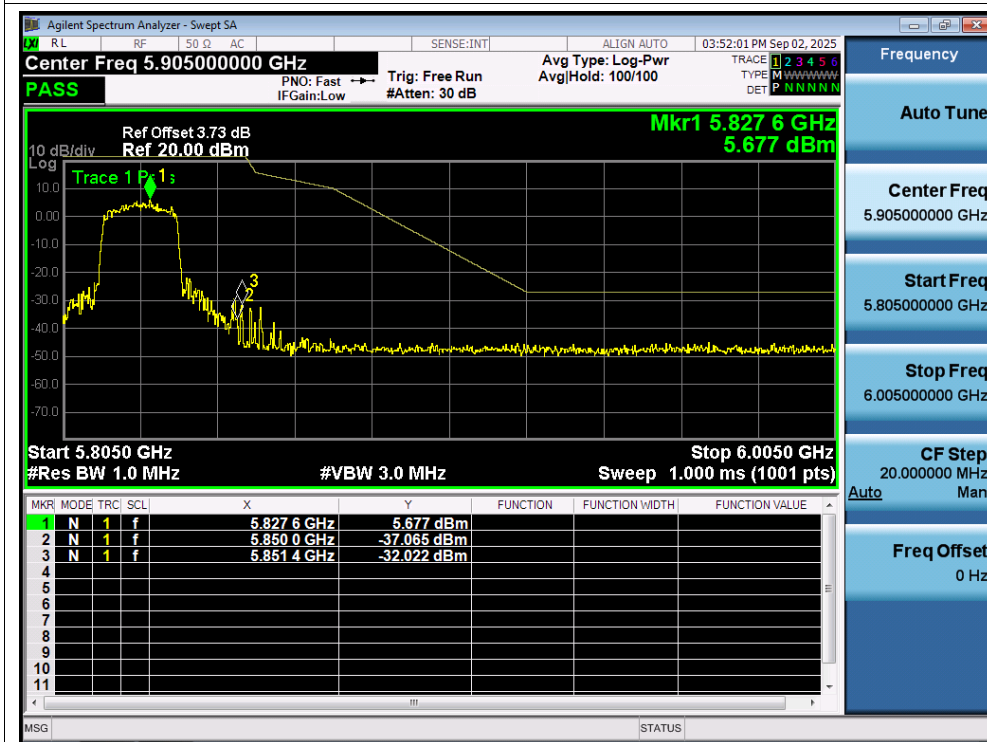
Band Edge NVNT ac80 5775MHz Low AntB



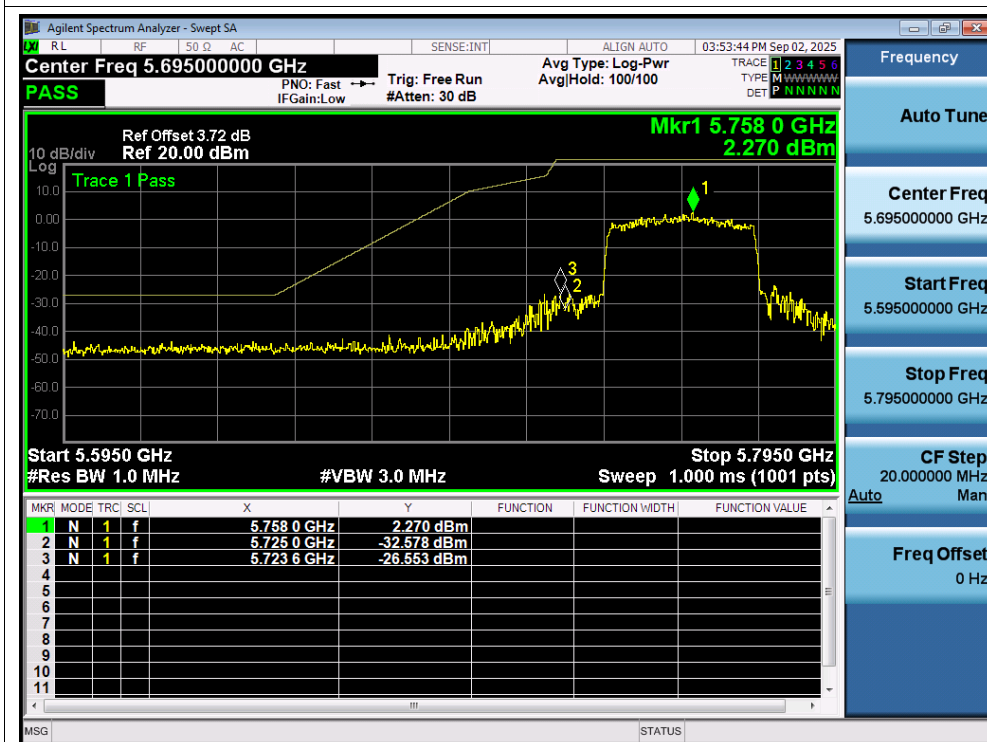
Band Edge NVNT ax20 5745MHz Low AntB



Band Edge NVNT ax20 5825MHz High AntB



Band Edge NVNT ax40 5755MHz Low AntB



Band Edge NVNT ax40 5795MHz High AntB

