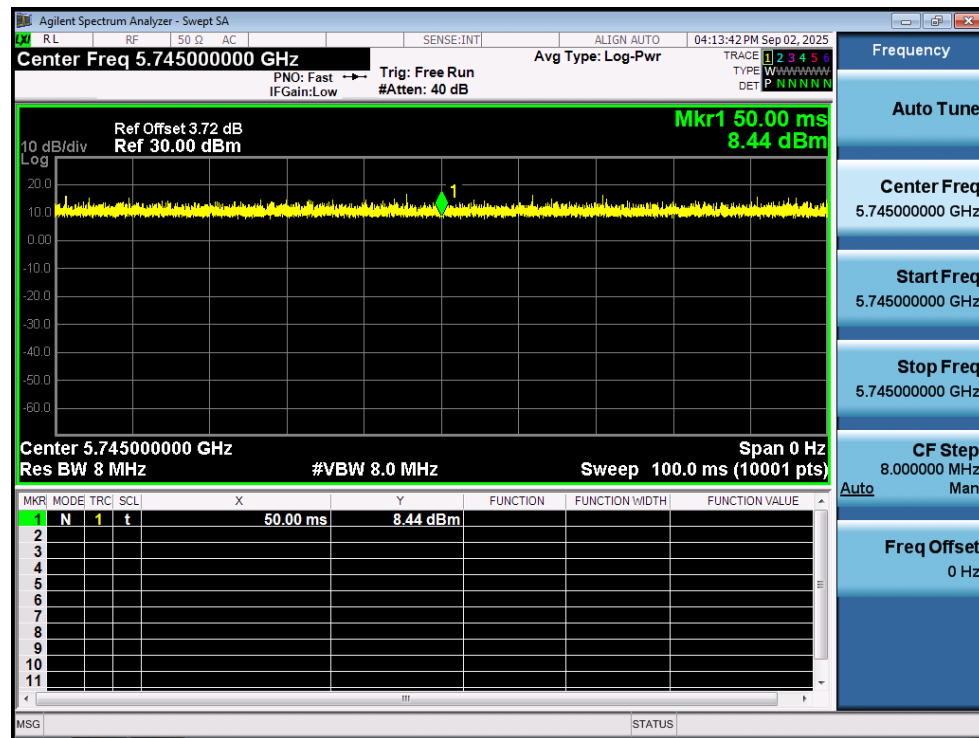


Duty Cycle

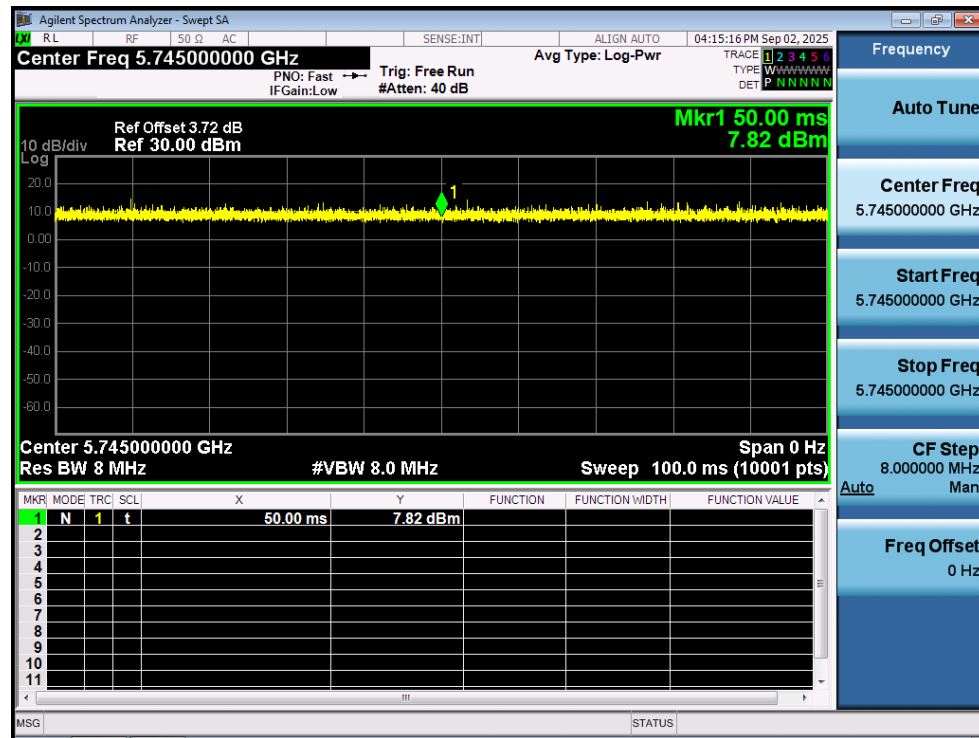
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	AntA	100	0
NVNT	n20	5745	AntA	100	0
NVNT	n40	5755	AntA	100	0
NVNT	ac20	5745	AntA	100	0
NVNT	ac40	5755	AntA	100	0
NVNT	ac80	5775	AntA	100	0
NVNT	ax20	5745	AntA	100	0
NVNT	ax40	5755	AntA	100	0
NVNT	ax80	5775	AntA	100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

Test Graphs

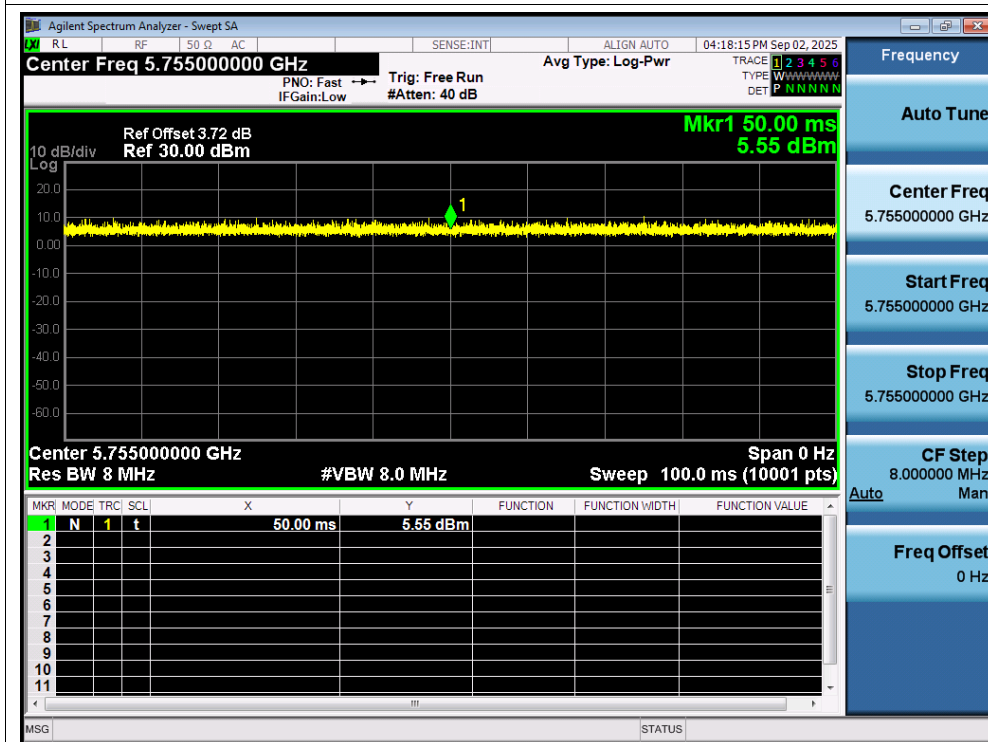
Duty Cycle NVNT a 5745MHz AntA



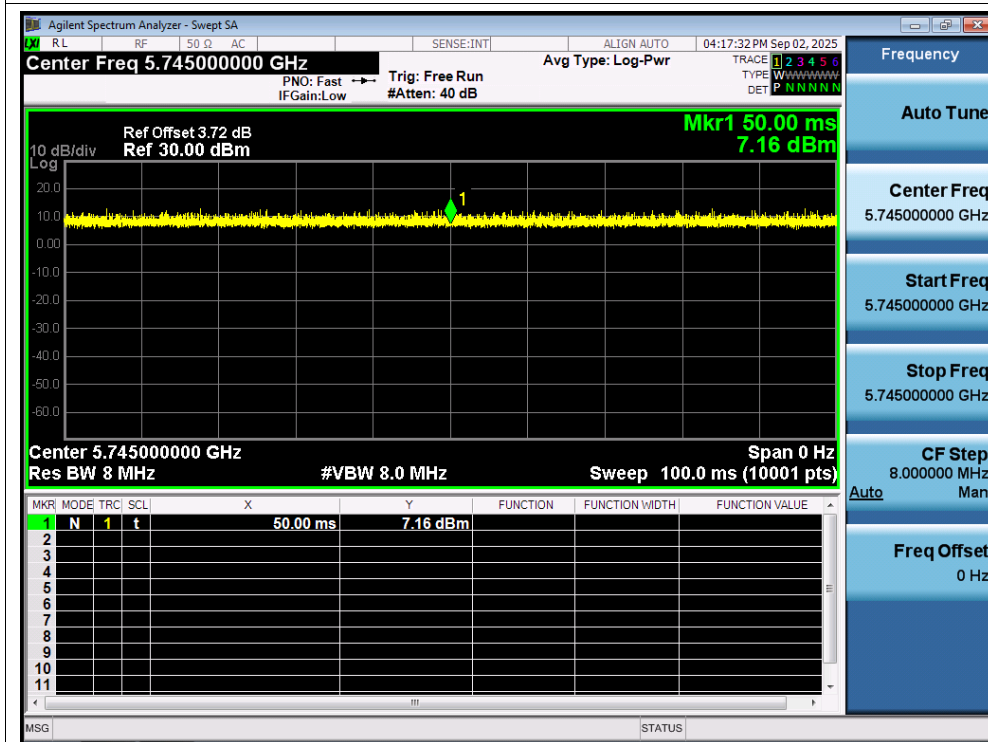
Duty Cycle NVNT n20 5745MHz AntA



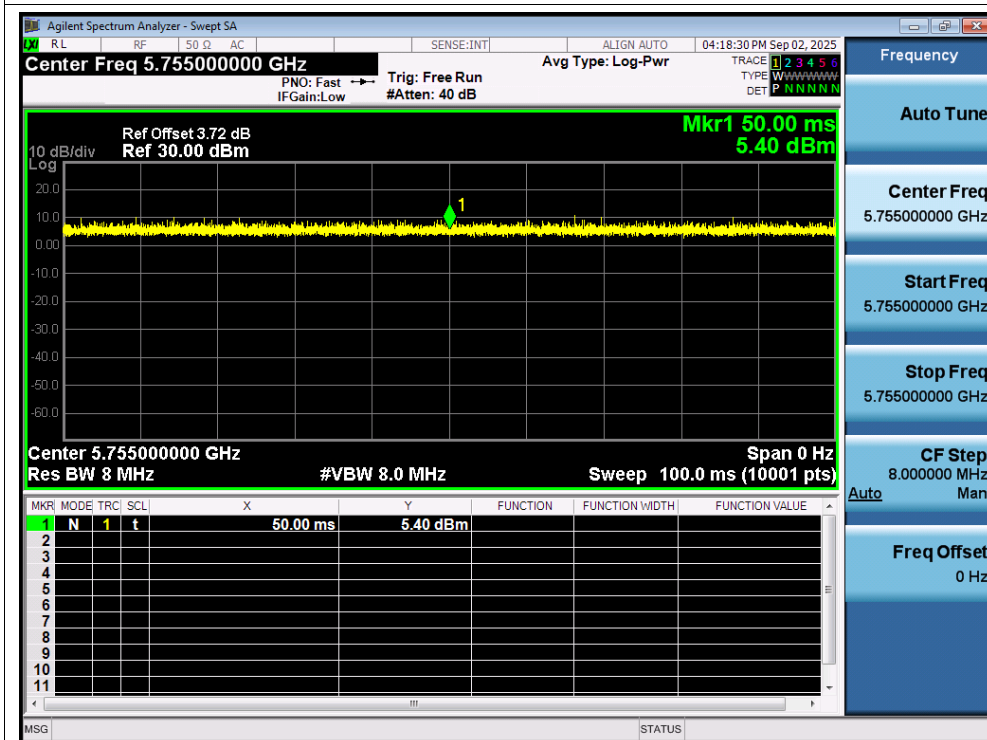
Duty Cycle NVNT n40 5755MHz AntA



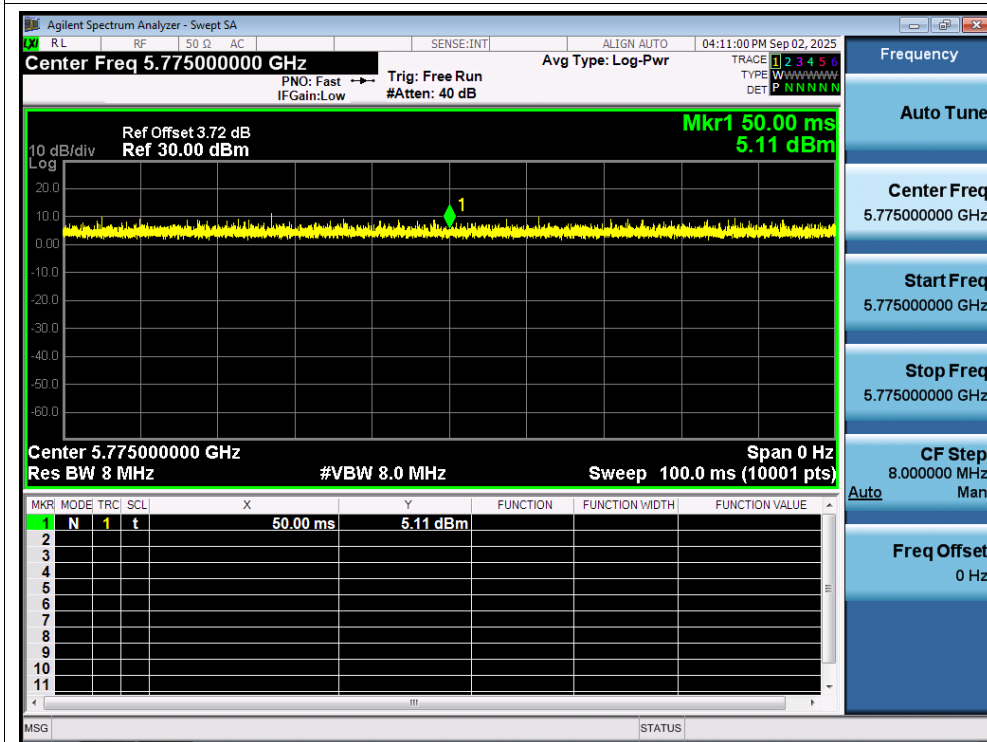
Duty Cycle NVNT ac20 5745MHz AntA



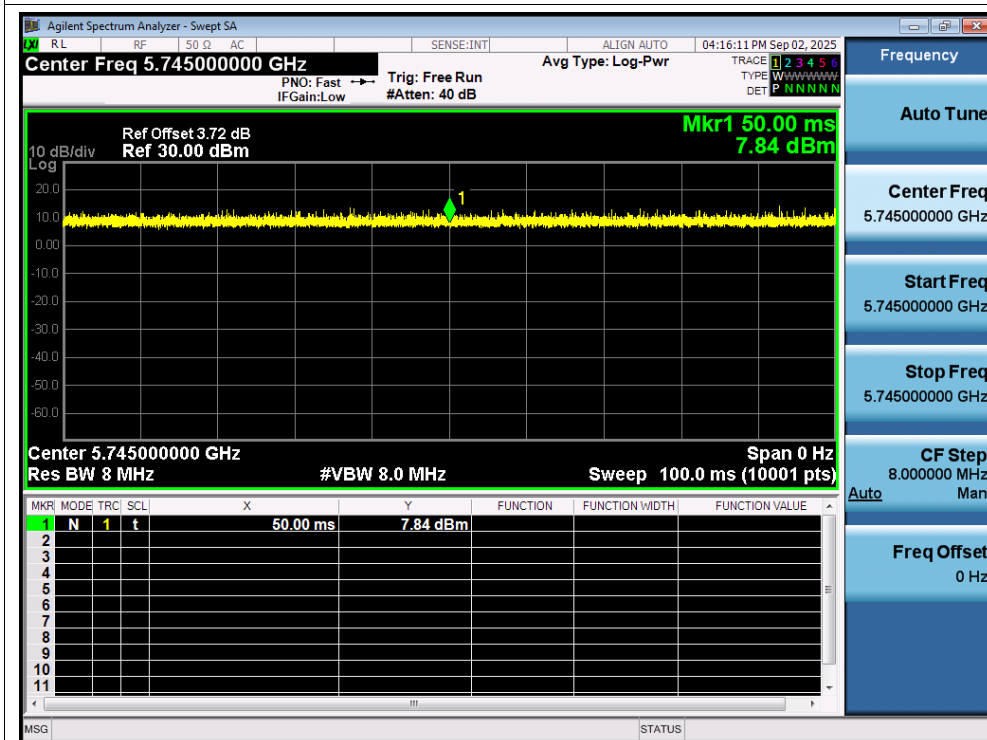
Duty Cycle NVNT ac40 5755MHz AntA



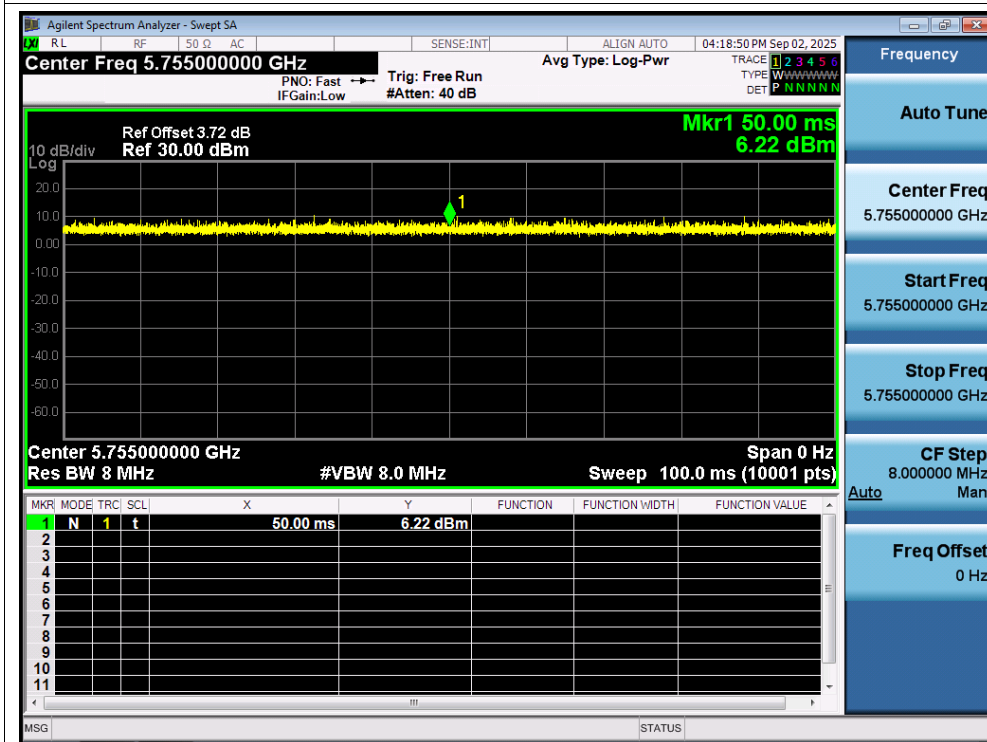
Duty Cycle NVNT ac80 5775MHz AntA



Duty Cycle NVNT ax20 5745MHz AntA



Duty Cycle NVNT ax40 5755MHz AntA



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	AntA	9.22	30	Pass
NVNT	a	5785	AntA	9.11	30	Pass
NVNT	a	5825	AntA	8.49	30	Pass
NVNT	n20	5745	AntA	7.92	30	Pass
NVNT	n20	5785	AntA	7.83	30	Pass
NVNT	n20	5825	AntA	7.27	30	Pass
NVNT	n40	5755	AntA	6.75	30	Pass
NVNT	n40	5795	AntA	6.54	30	Pass
NVNT	ac20	5745	AntA	8.01	30	Pass
NVNT	ac20	5785	AntA	7.7	30	Pass
NVNT	ac20	5825	AntA	7.3	30	Pass
NVNT	ac40	5755	AntA	6.7	30	Pass
NVNT	ac40	5795	AntA	6.41	30	Pass
NVNT	ac80	5775	AntA	5.13	30	Pass
NVNT	ax20	5745	AntA	8.02	30	Pass
NVNT	ax20	5785	AntA	7.91	30	Pass
NVNT	ax20	5825	AntA	7.53	30	Pass
NVNT	ax40	5755	AntA	7.01	30	Pass
NVNT	ax40	5795	AntA	6.59	30	Pass
NVNT	ax80	5775	AntA	5.16	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:

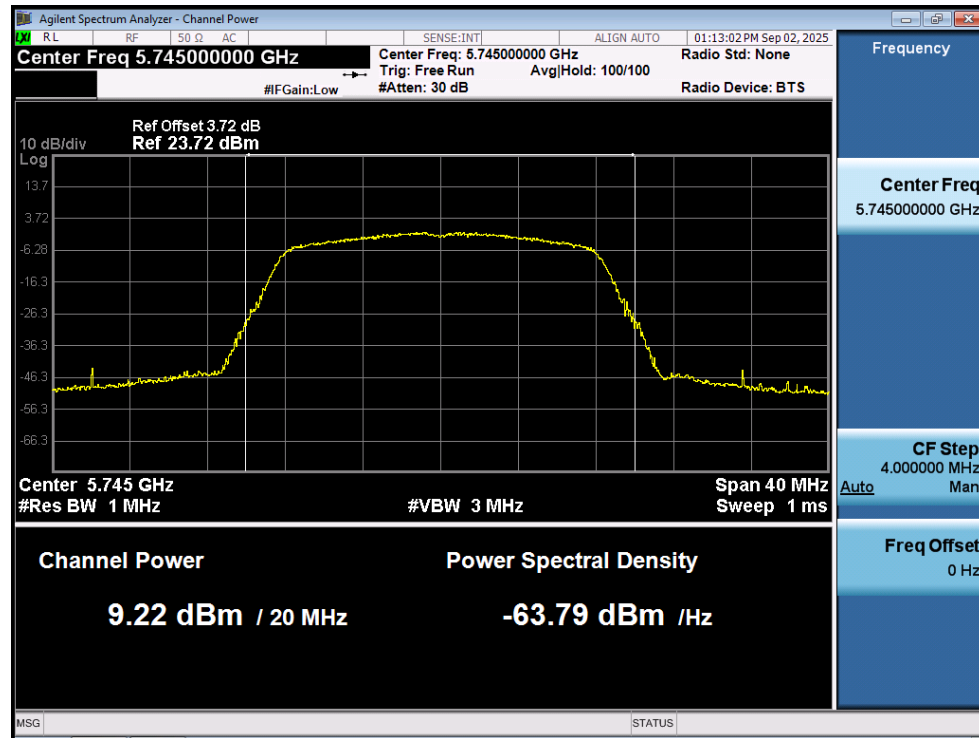
For power measurements.

The Array gain=0 for NANT≤4

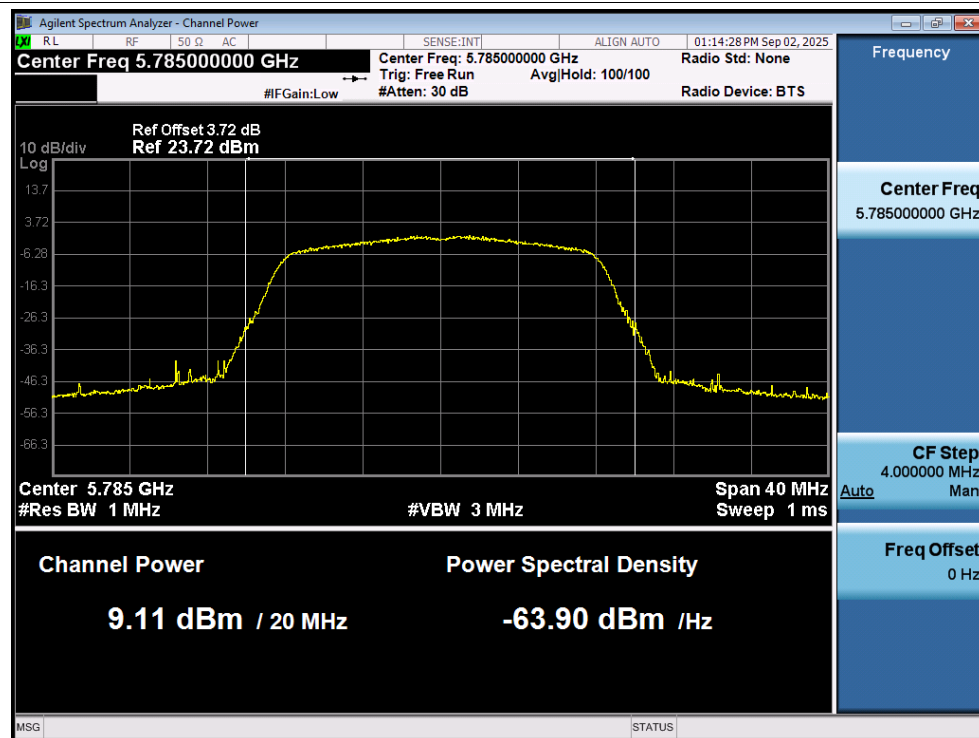
So the directional gain for Power measurements is 1.69 dBi

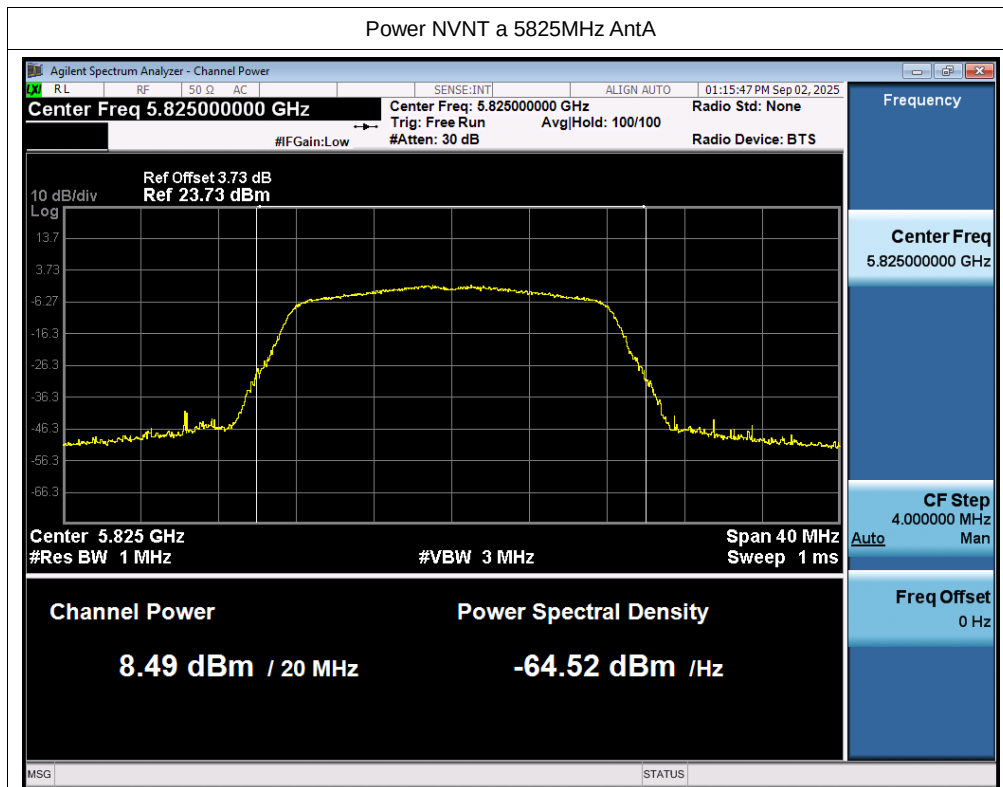
Test Graphs

Power NVNT a 5745MHz AntA

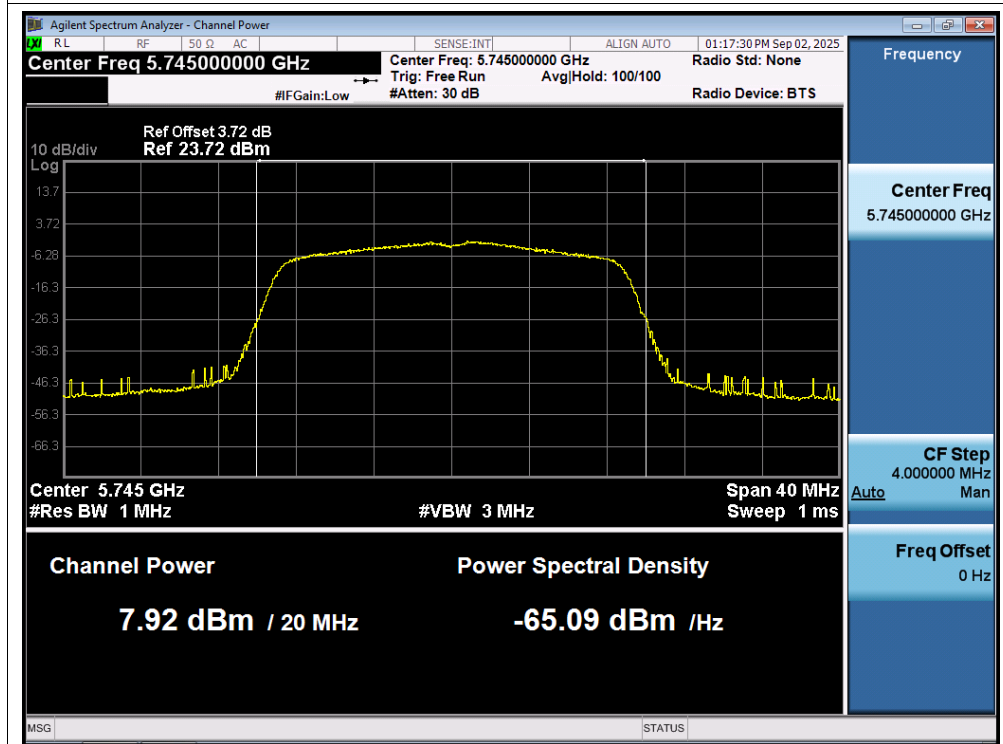


Power NVNT a 5785MHz AntA

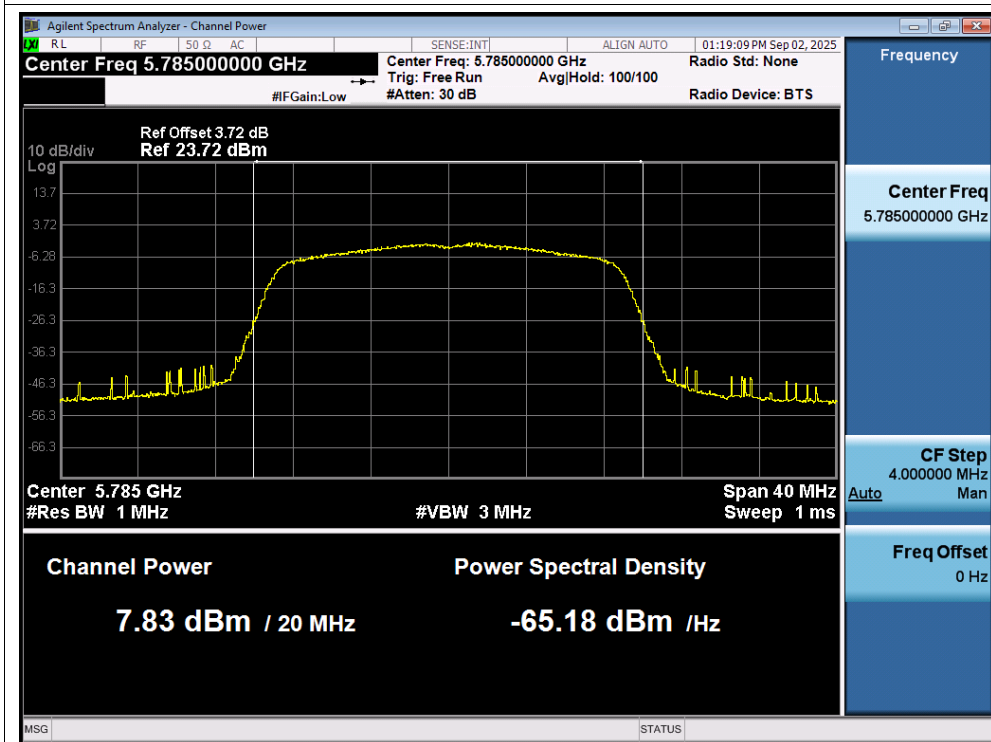




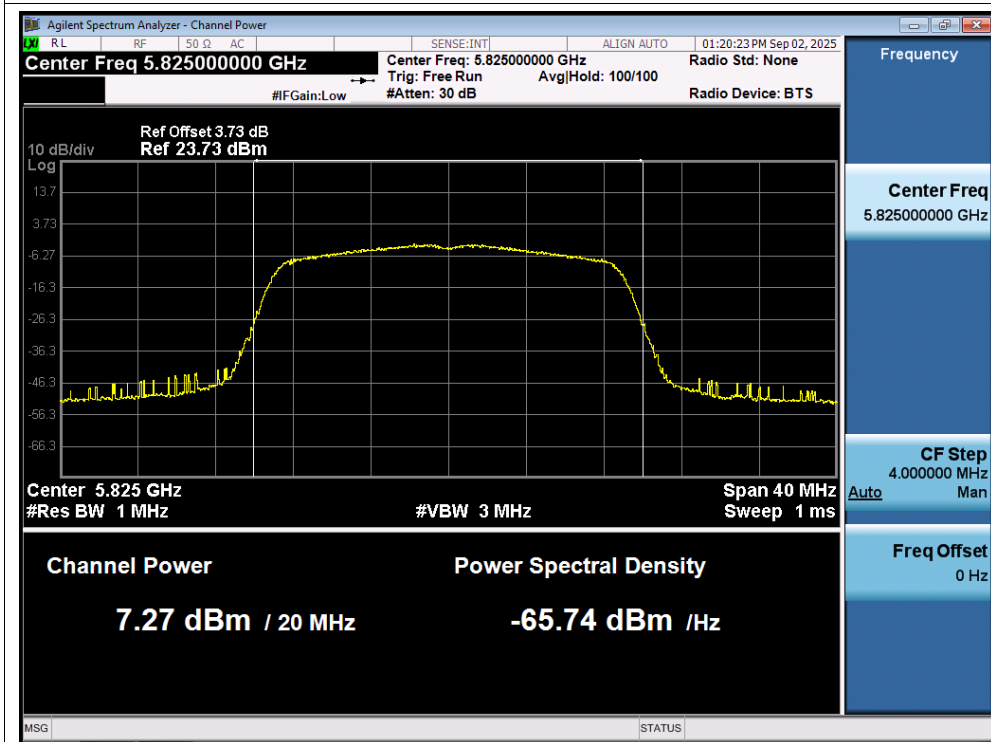
Power NVNT n20 5745MHz AntA

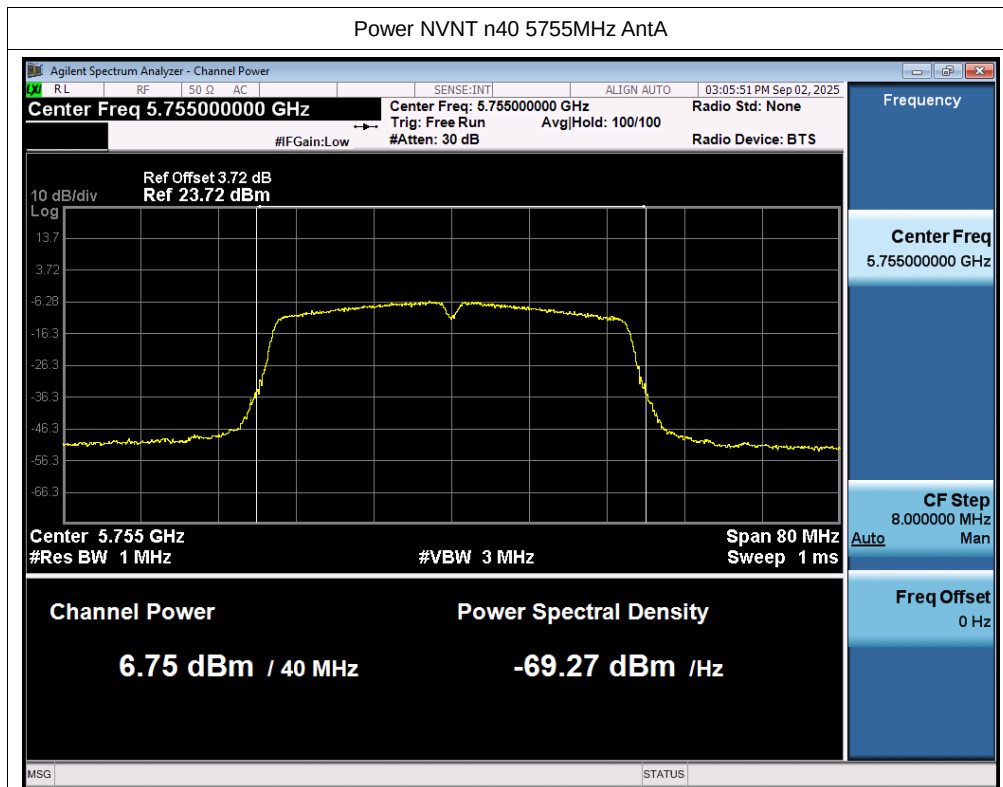


Power NVNT n20 5785MHz AntA



Power NVNT n20 5825MHz AntA

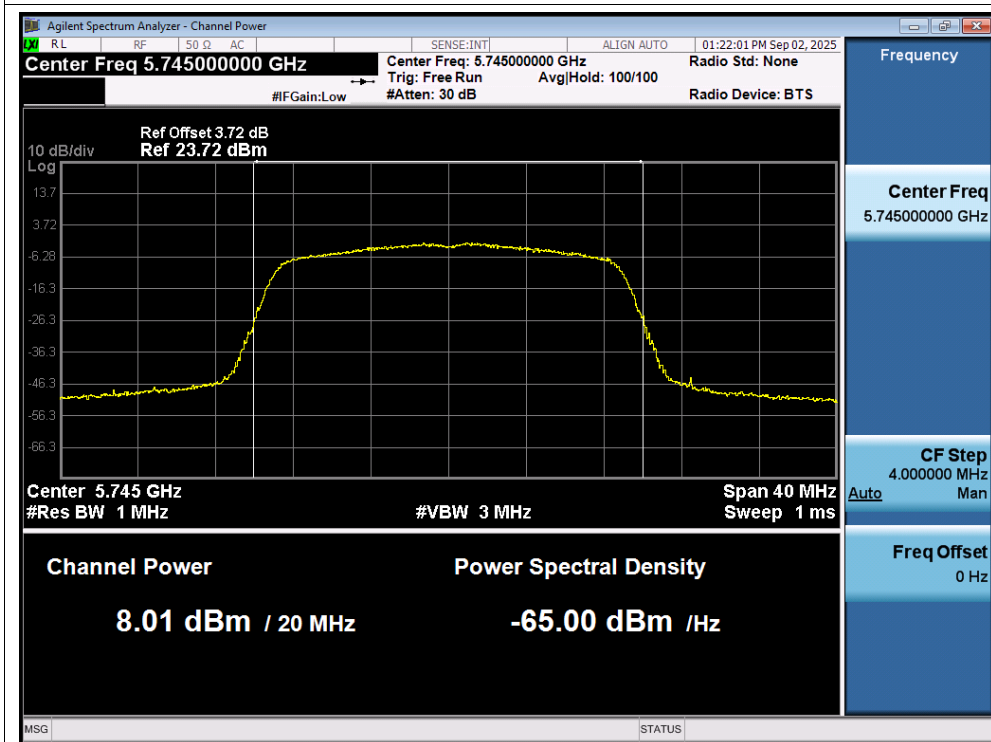




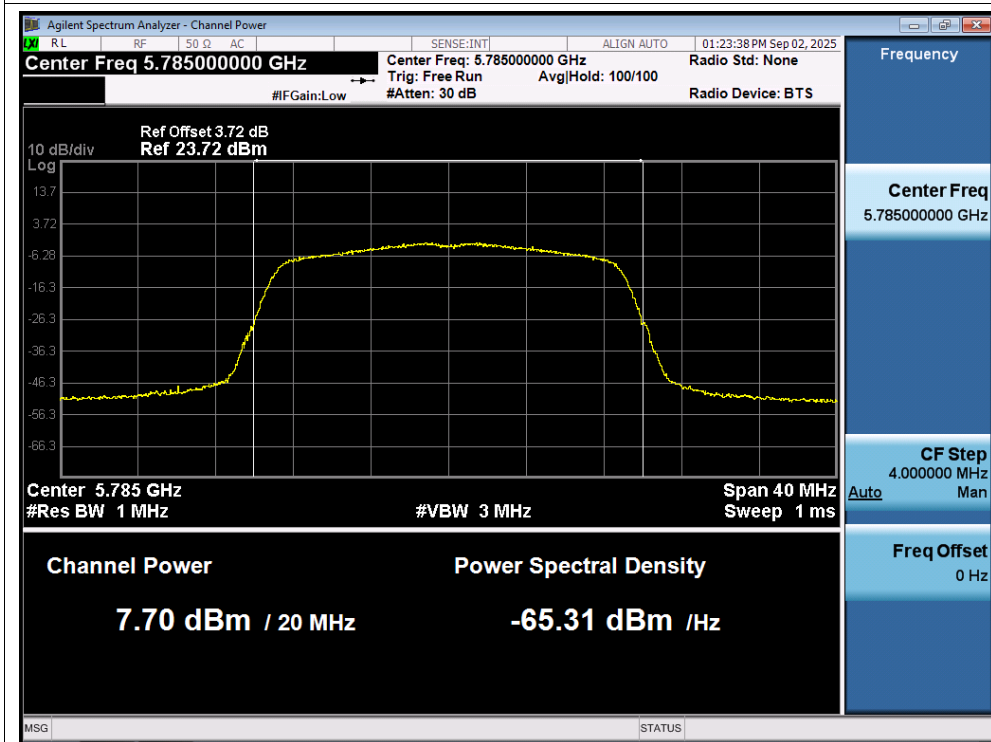
Power NVNT n40 5795MHz AntA



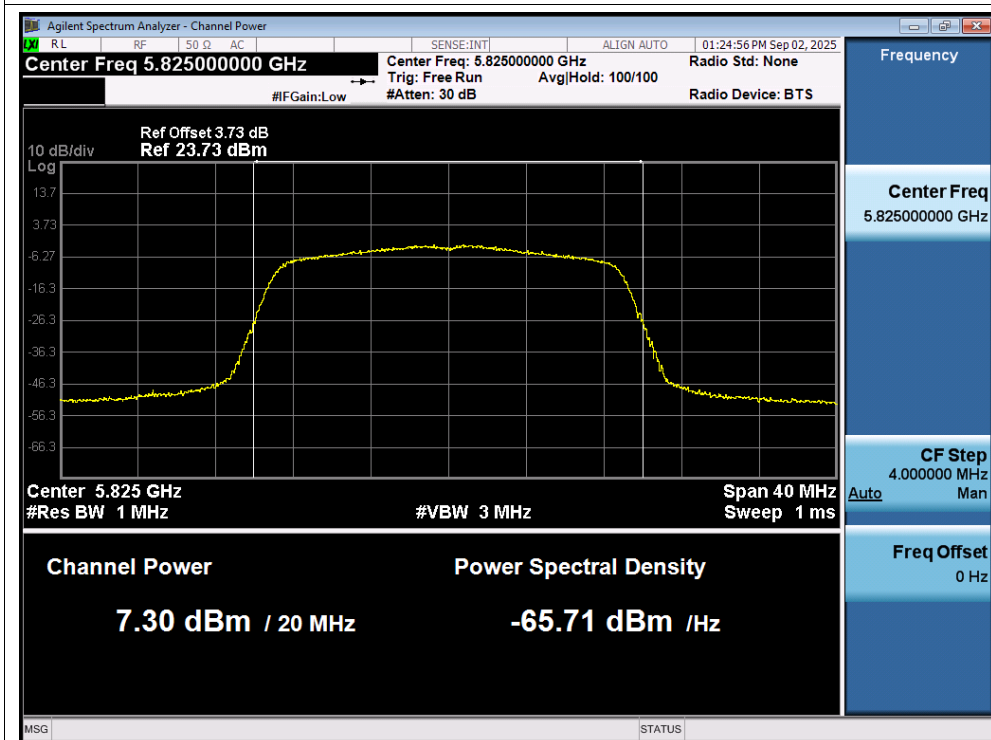
Power NVNT ac20 5745MHz AntA



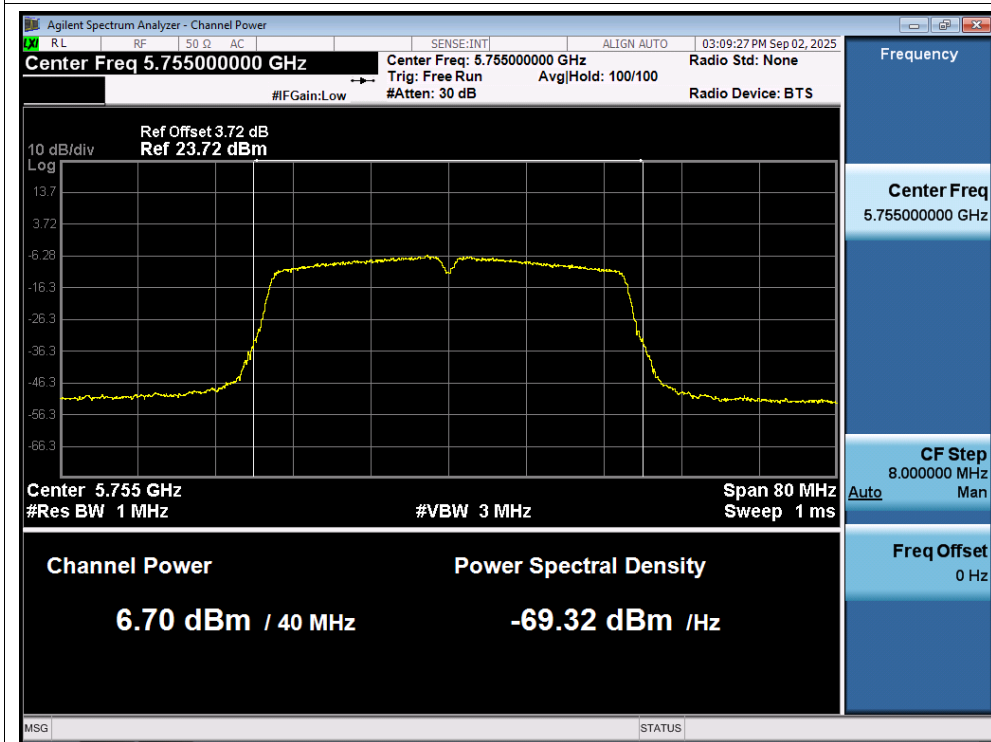
Power NVNT ac20 5785MHz AntA



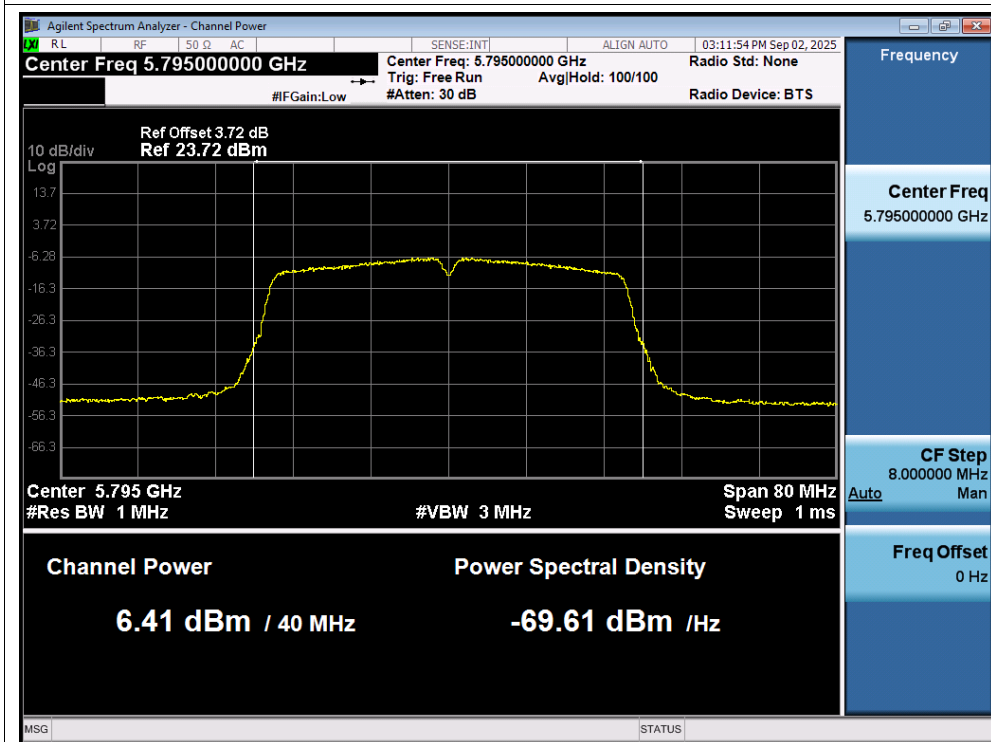
Power NVNT ac20 5825MHz AntA



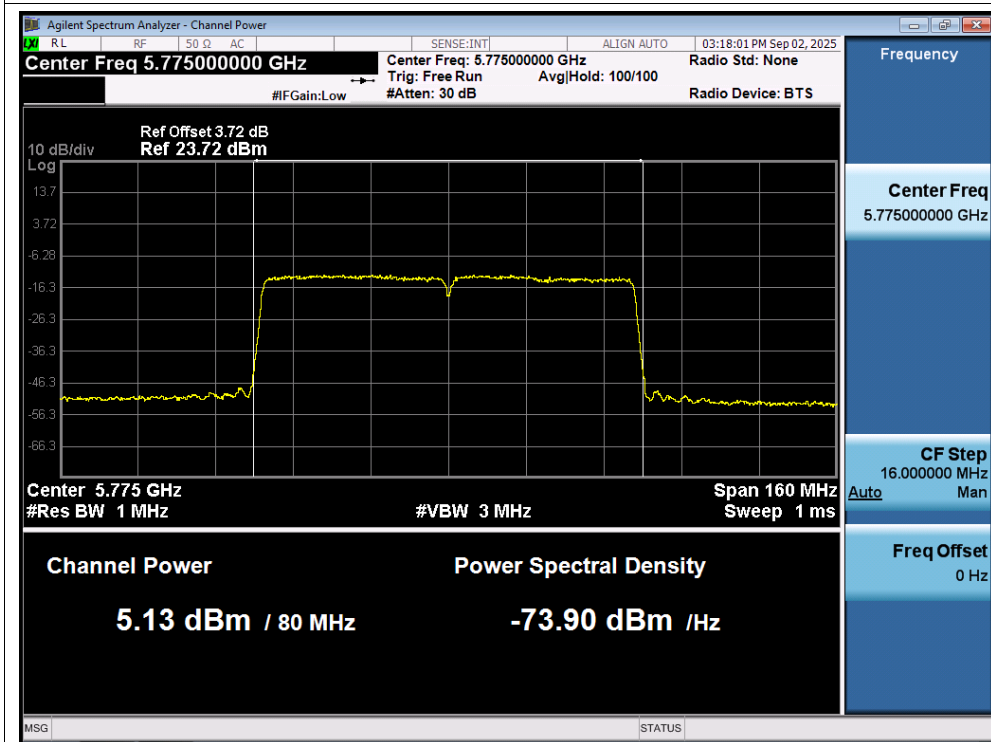
Power NVNT ac40 5755MHz AntA



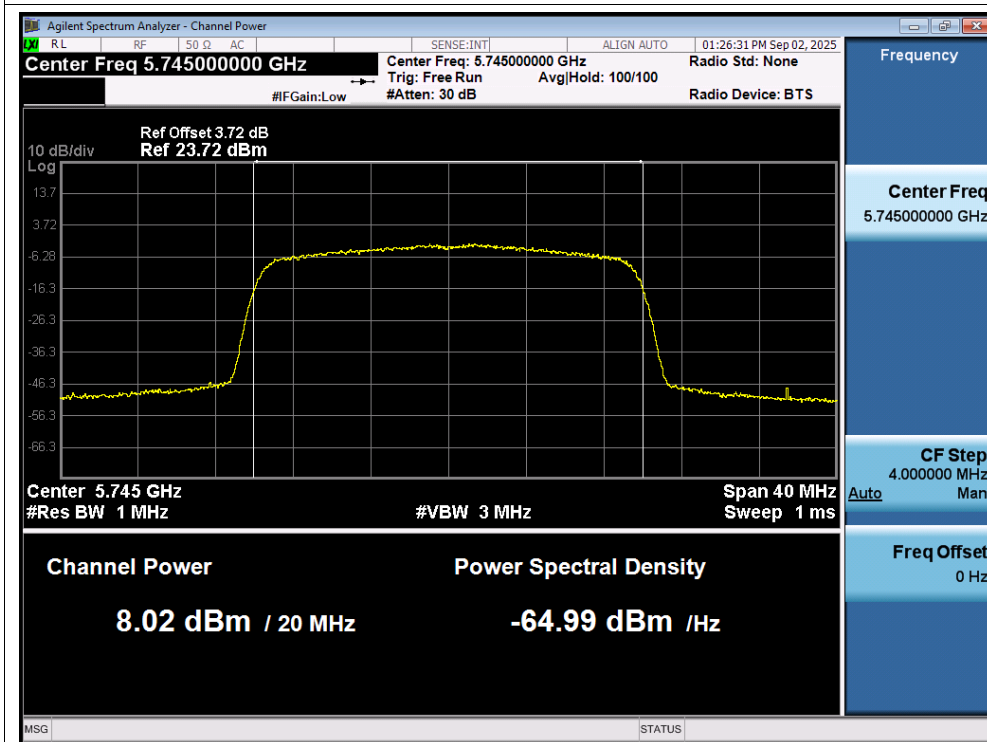
Power NVNT ac40 5795MHz AntA



Power NVNT ac80 5775MHz AntA



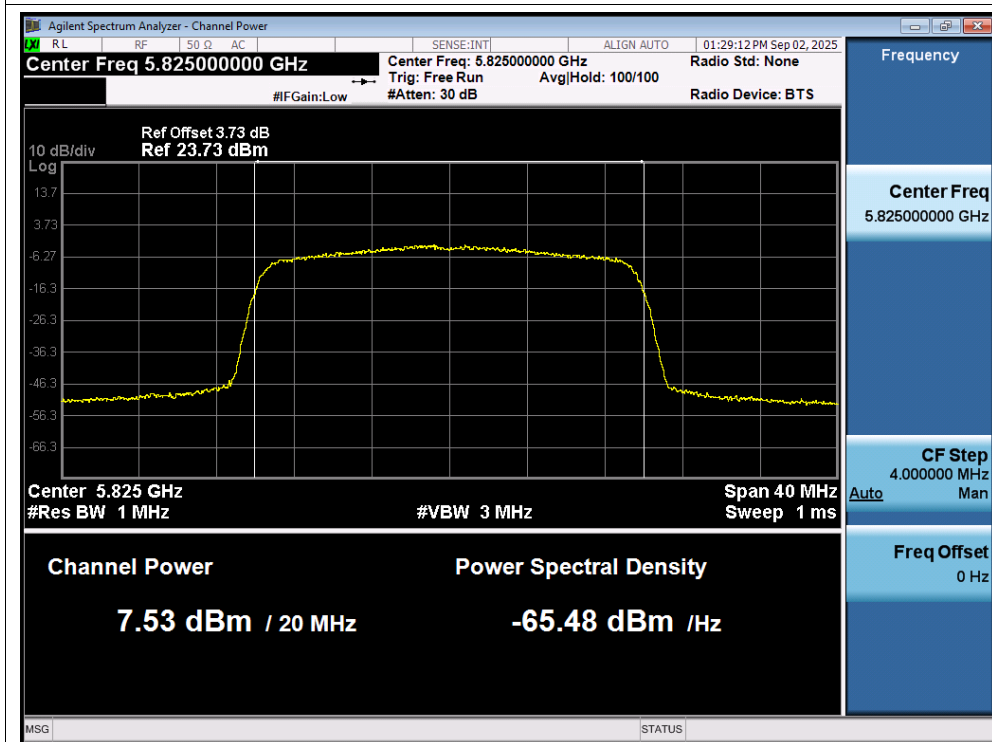
Power NVNT ax20 5745MHz AntA



Power NVNT ax20 5785MHz AntA



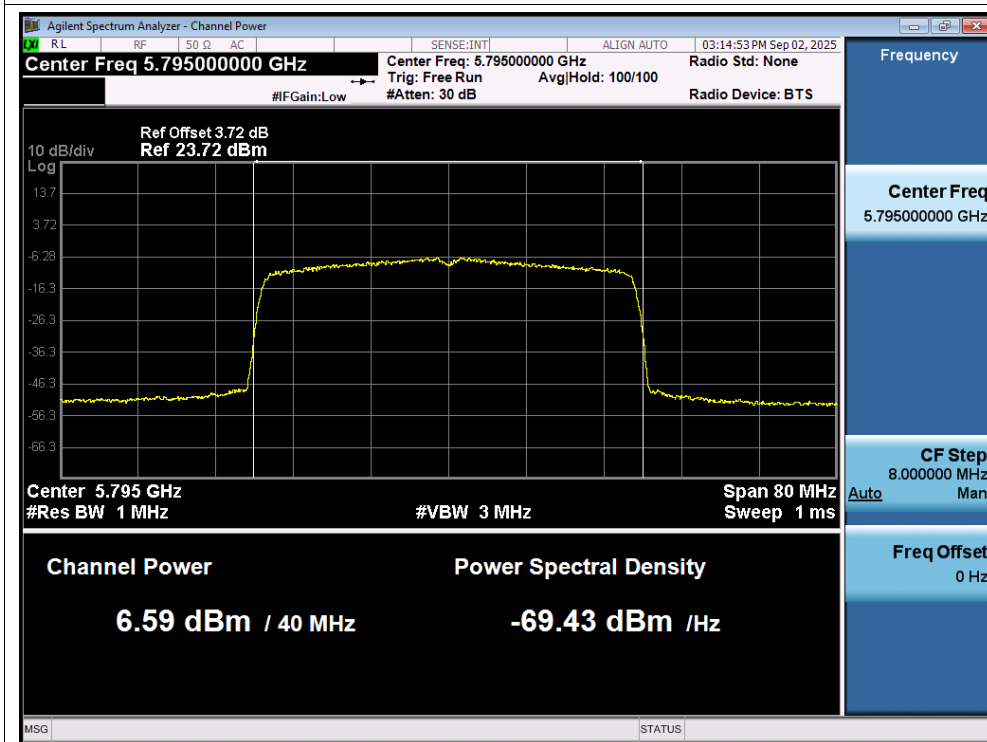
Power NVNT ax20 5825MHz AntA



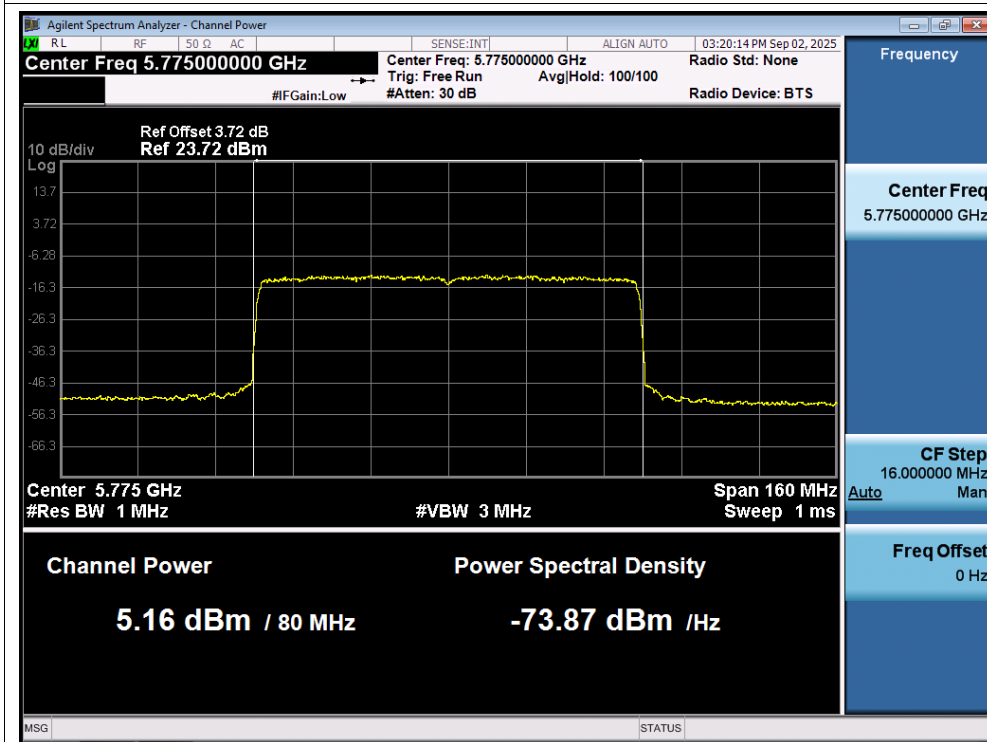
Power NVNT ax40 5755MHz AntA



Power NVNT ax40 5795MHz AntA



Power NVNT ax80 5775MHz AntA

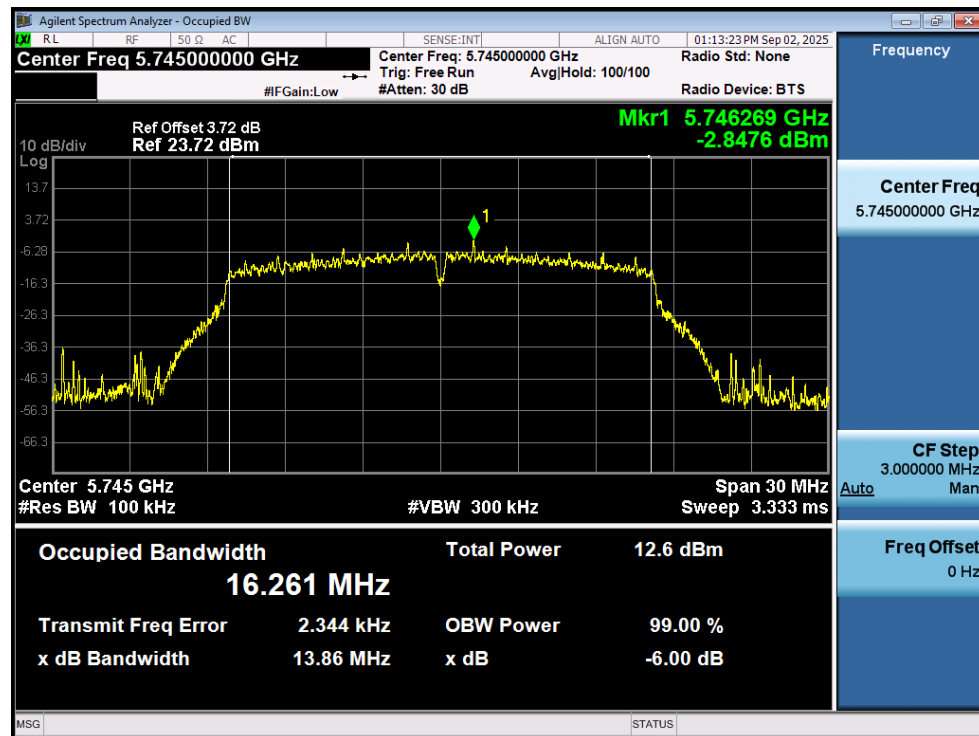


-6dB Bandwidth

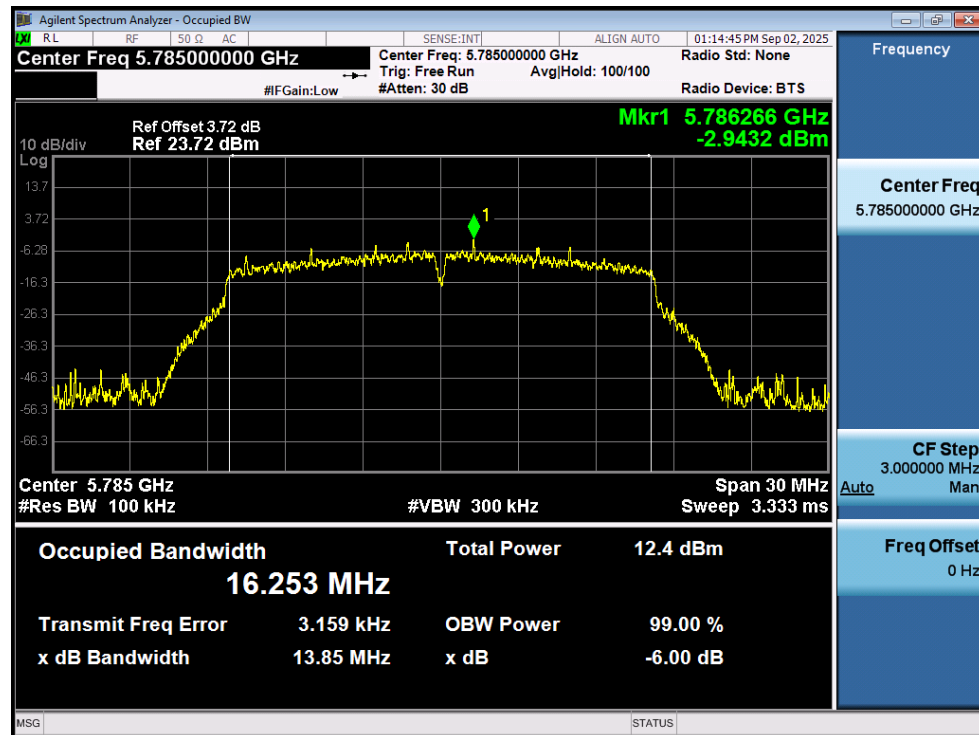
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	AntA	13.862	0.5	Pass
		5785		13.847	0.5	Pass
		5825		13.701	0.5	Pass
	n20	5745		15.031	0.5	Pass
		5785		14.054	0.5	Pass
		5825		13.462	0.5	Pass
	n40	5755		32.551	0.5	Pass
		5795		35.092	0.5	Pass
	ac20	5745		14.957	0.5	Pass
		5785		13.824	0.5	Pass
		5825		13.716	0.5	Pass
	ac40	5755		33.848	0.5	Pass
		5795		34.991	0.5	Pass
	ac80	5775		75.627	0.5	Pass
	ax20	5745		14.568	0.5	Pass
		5785		15.59	0.5	Pass
		5825		16.364	0.5	Pass
	ax40	5755		35.096	0.5	Pass
		5795		35.081	0.5	Pass
	ax80	5775		77.627	0.5	Pass

Test Graphs

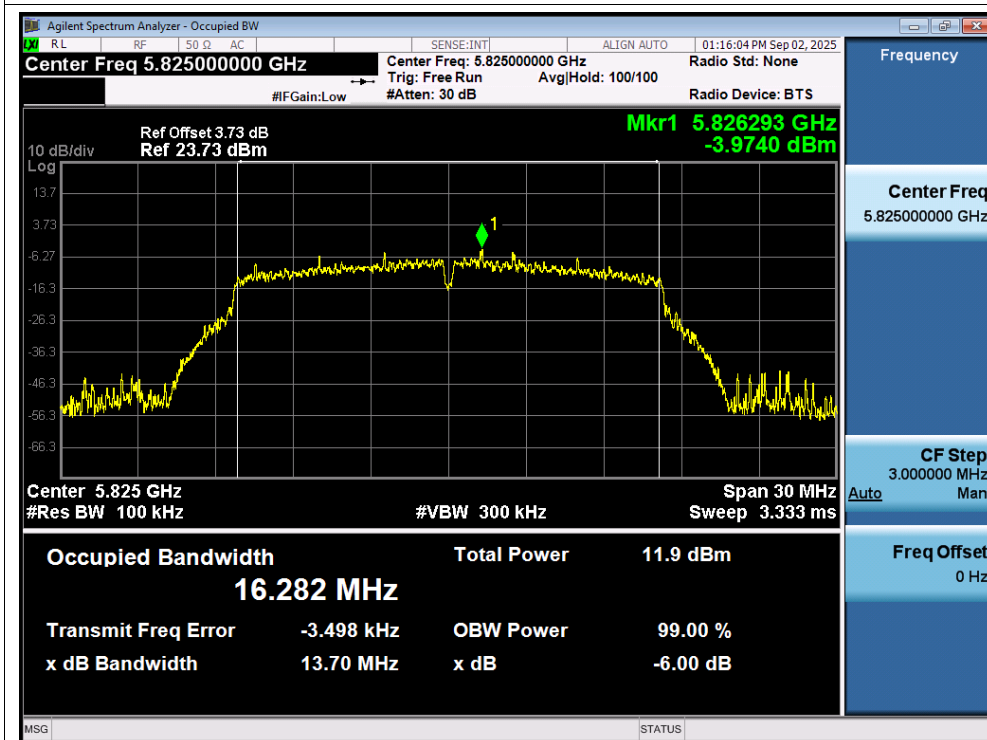
-6dB Bandwidth NVNT a 5745MHz AntA



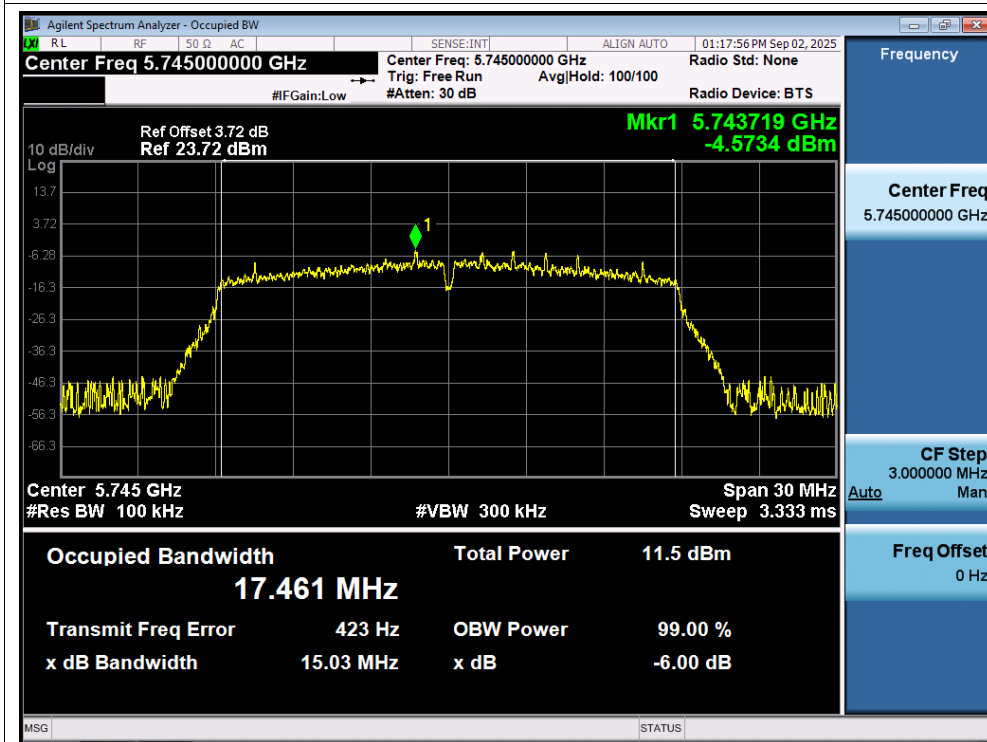
-6dB Bandwidth NVNT a 5785MHz AntA



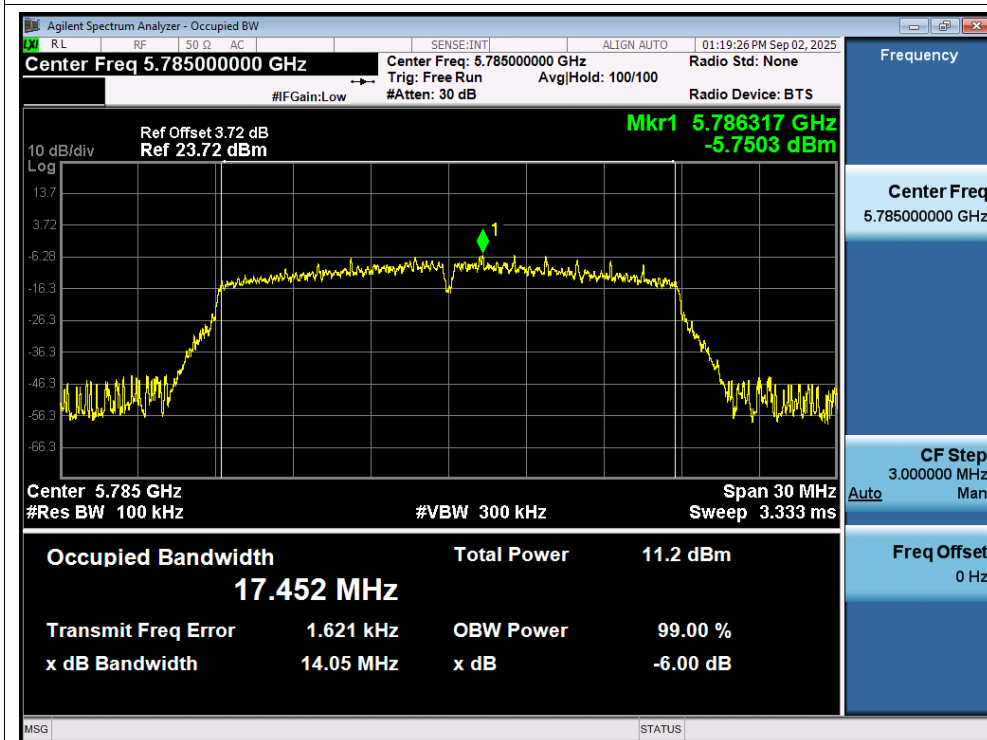
-6dB Bandwidth NVNT a 5825MHz AntA



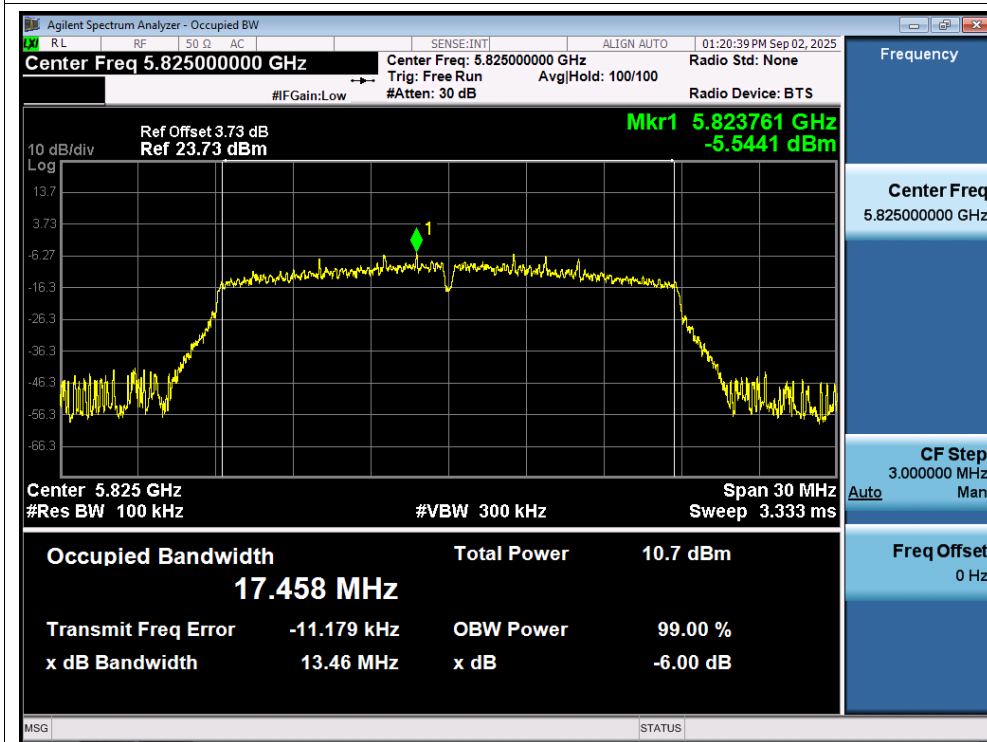
-6dB Bandwidth NVNT n20 5745MHz AntA



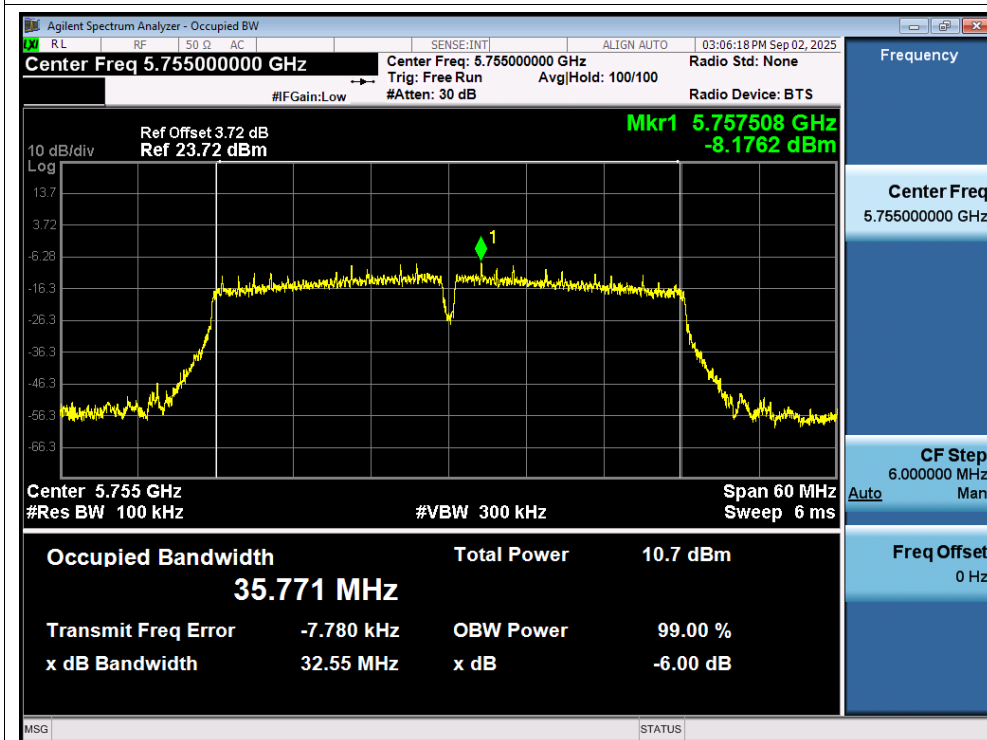
-6dB Bandwidth NVNT n20 5785MHz AntA



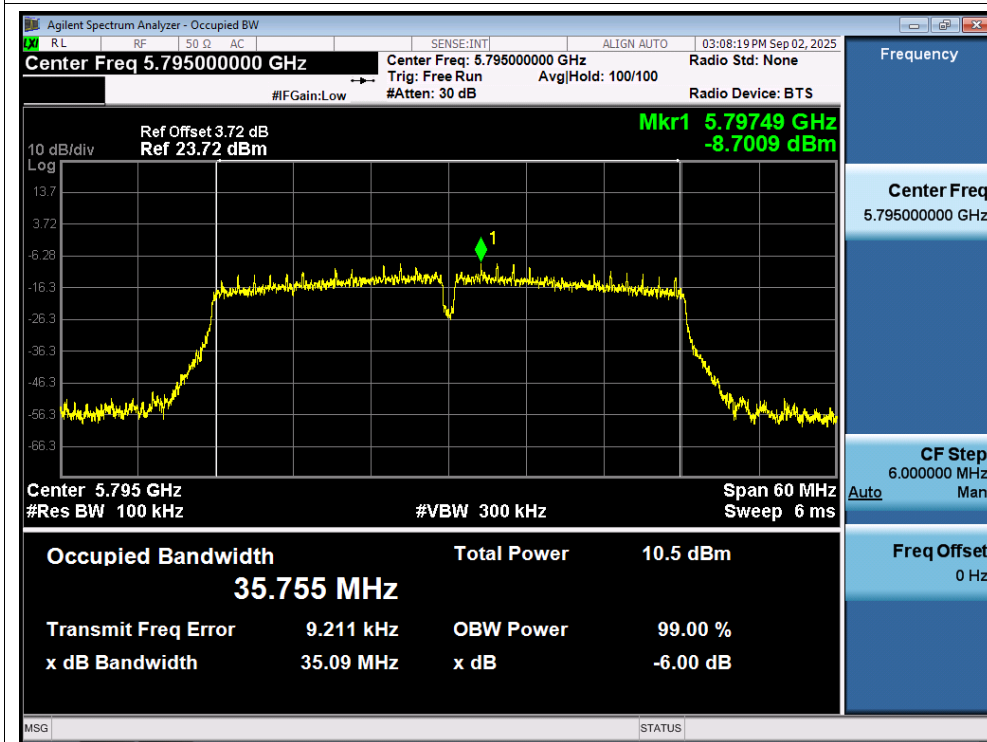
-6dB Bandwidth NVNT n20 5825MHz AntA



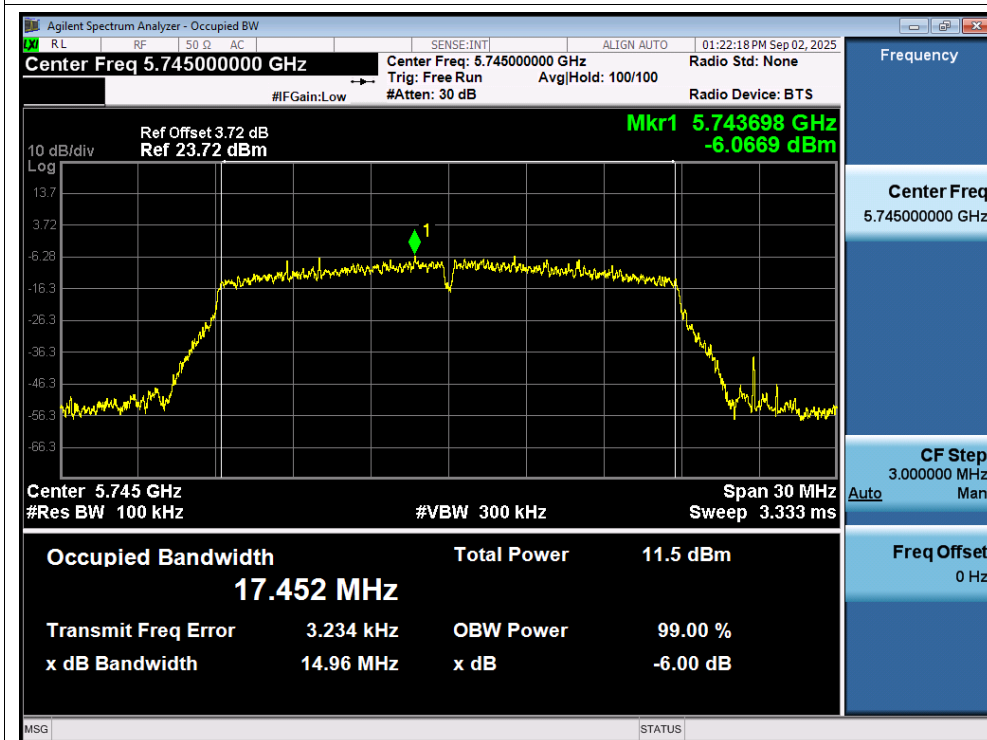
-6dB Bandwidth NVNT n40 5755MHz AntA



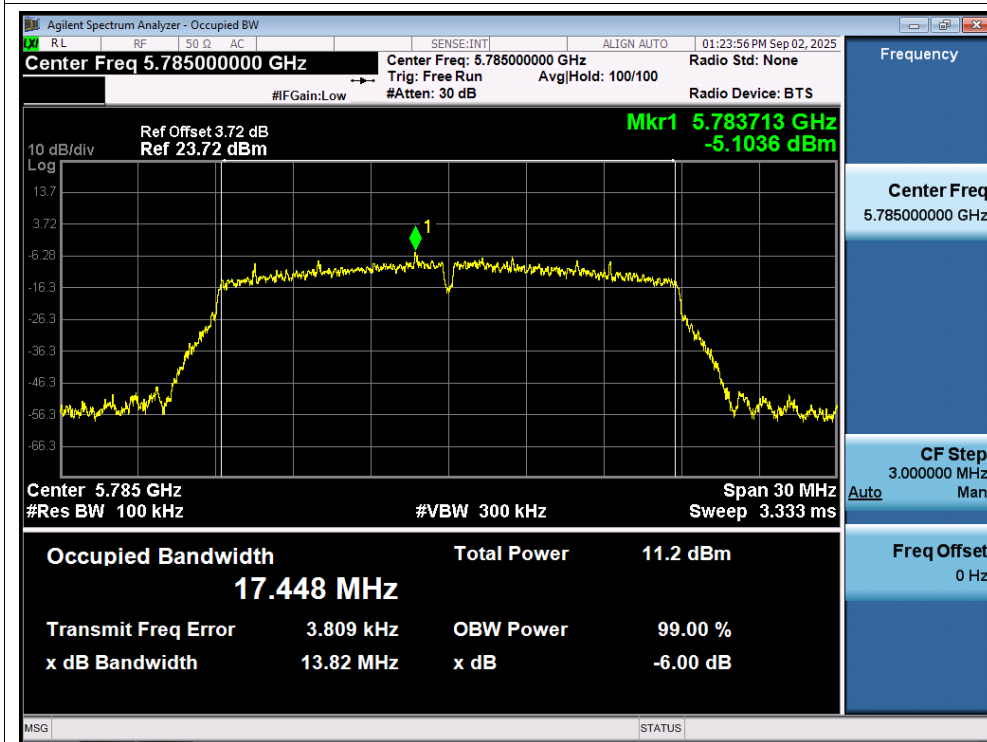
-6dB Bandwidth NVNT n40 5795MHz AntA



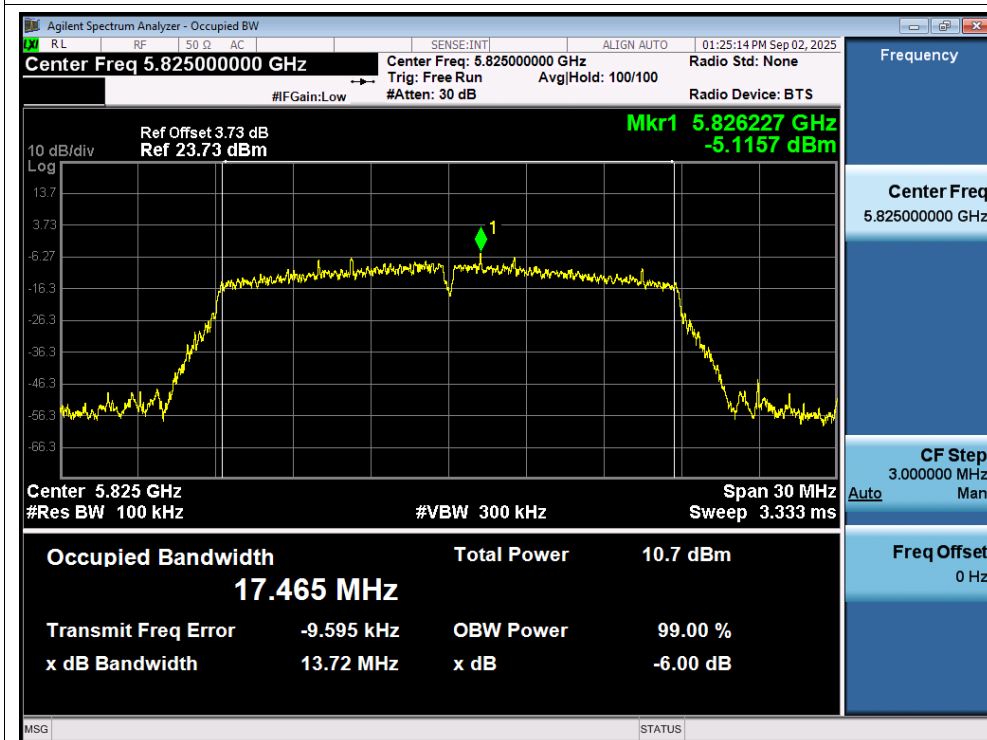
-6dB Bandwidth NVNT ac20 5745MHz AntA



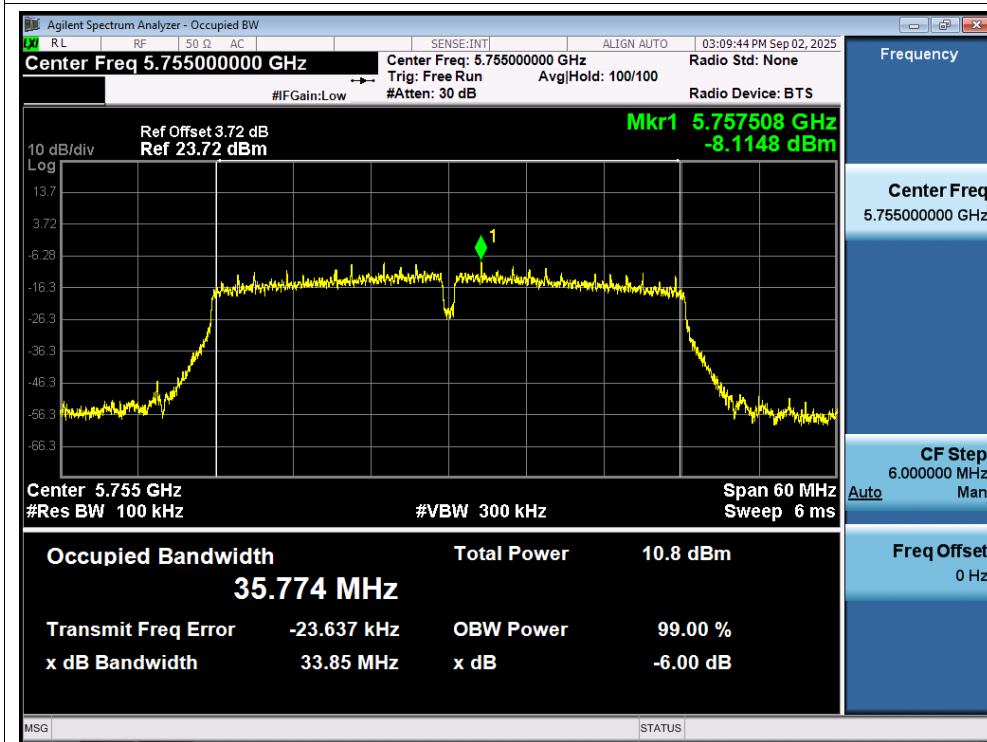
-6dB Bandwidth NVNT ac20 5785MHz AntA



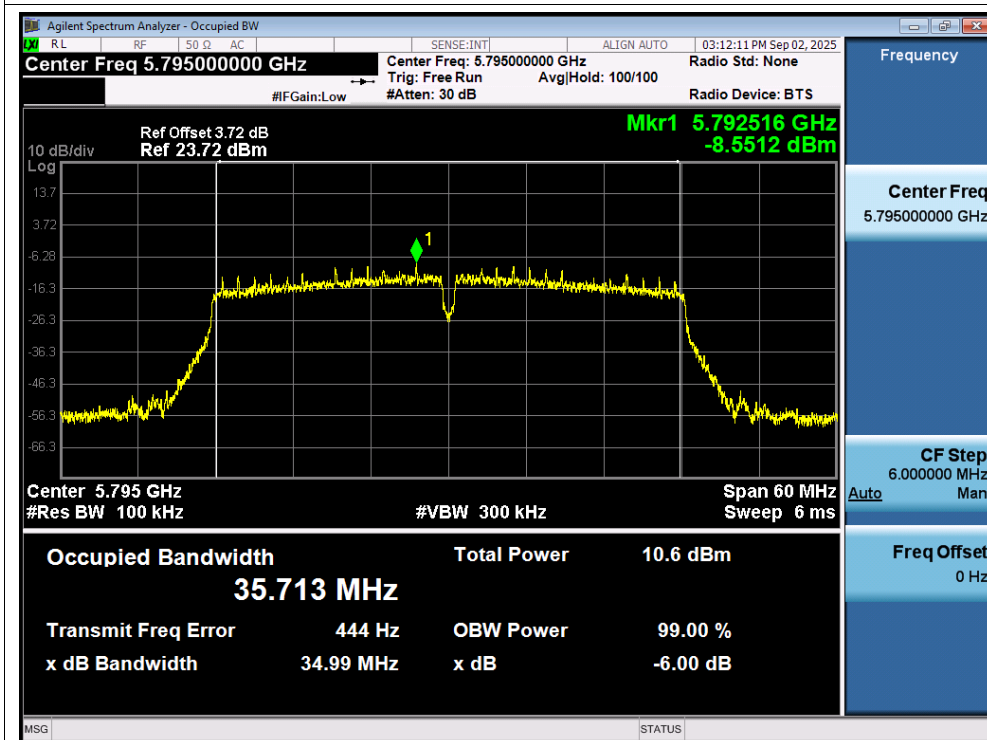
-6dB Bandwidth NVNT ac20 5825MHz AntA



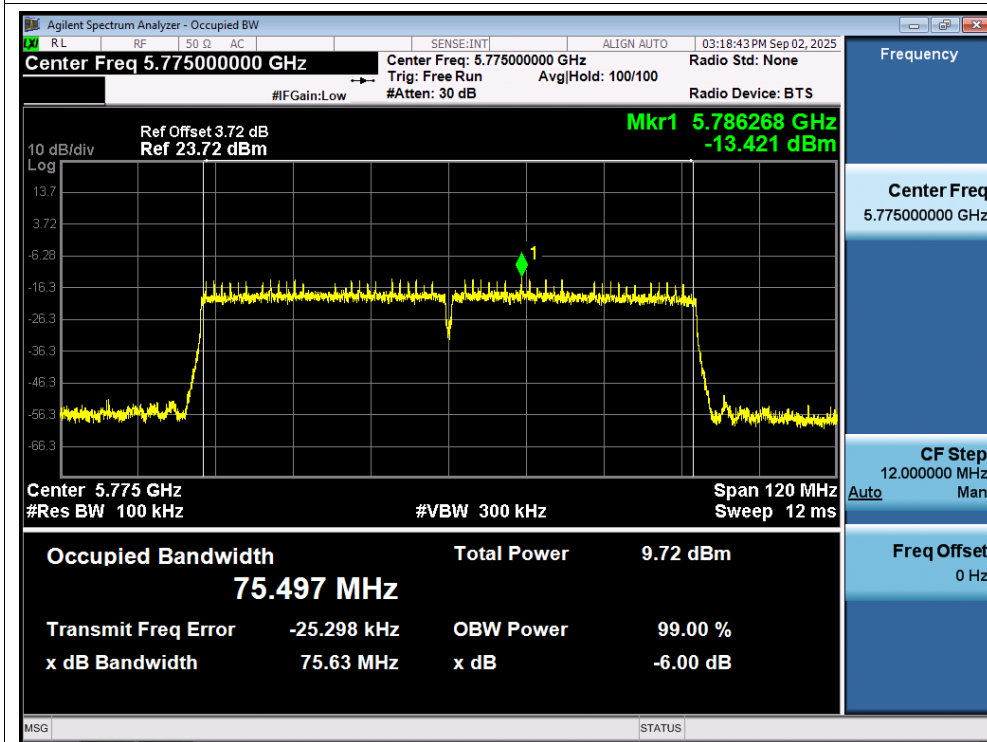
-6dB Bandwidth NVNT ac40 5755MHz AntA



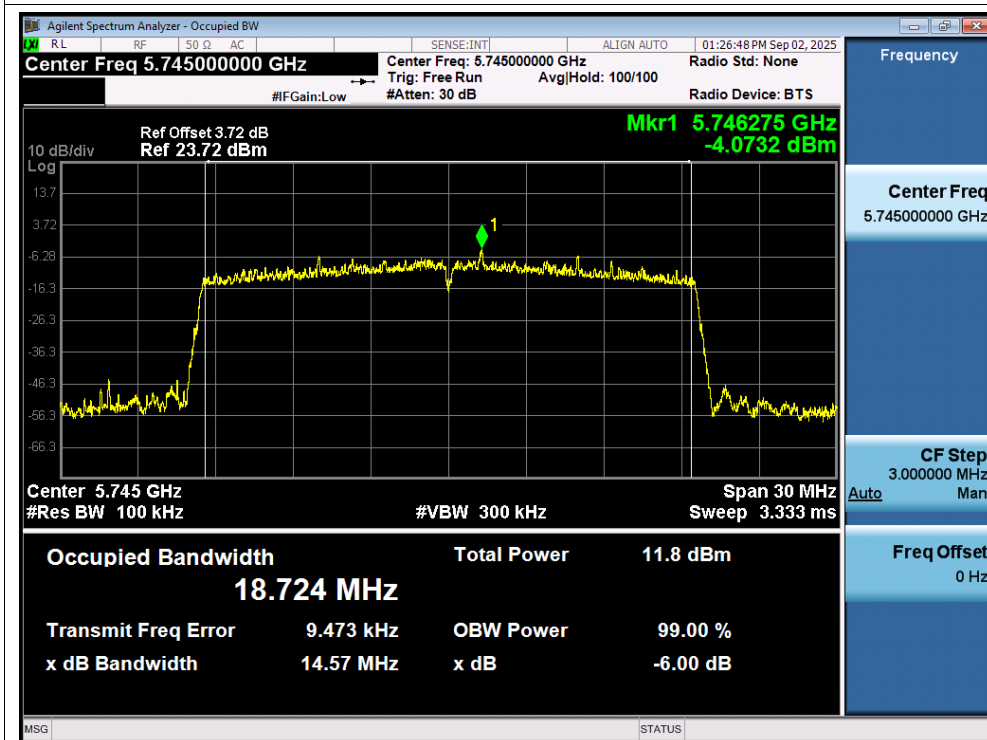
-6dB Bandwidth NVNT ac40 5795MHz AntA



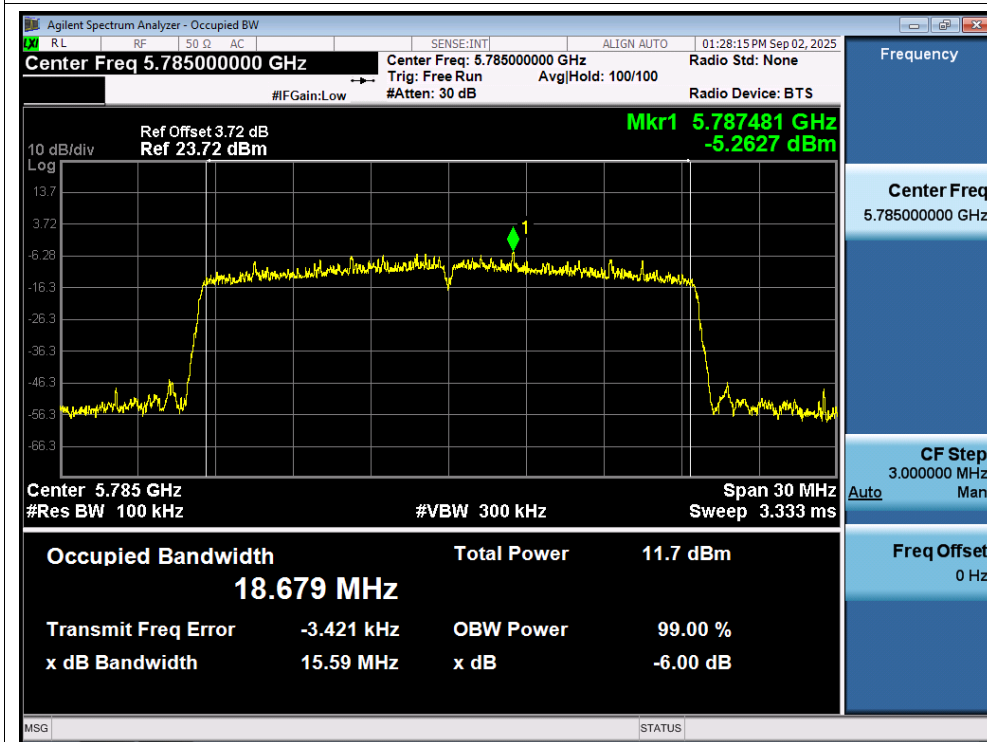
-6dB Bandwidth NVNT ac80 5775MHz AntA



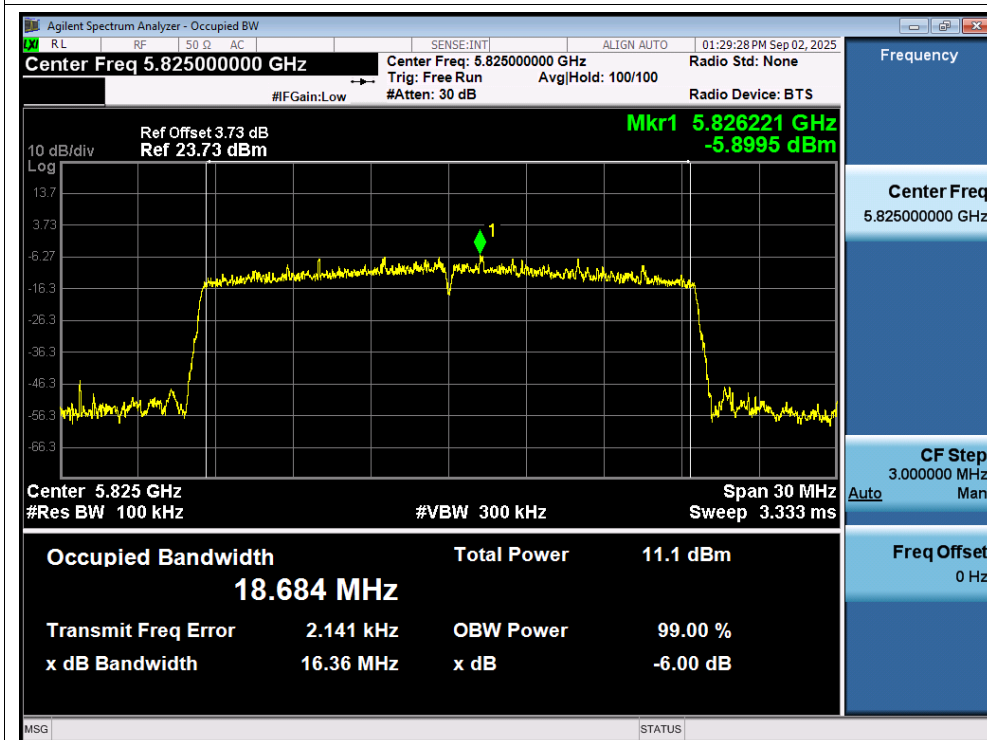
-6dB Bandwidth NVNT ax20 5745MHz AntA



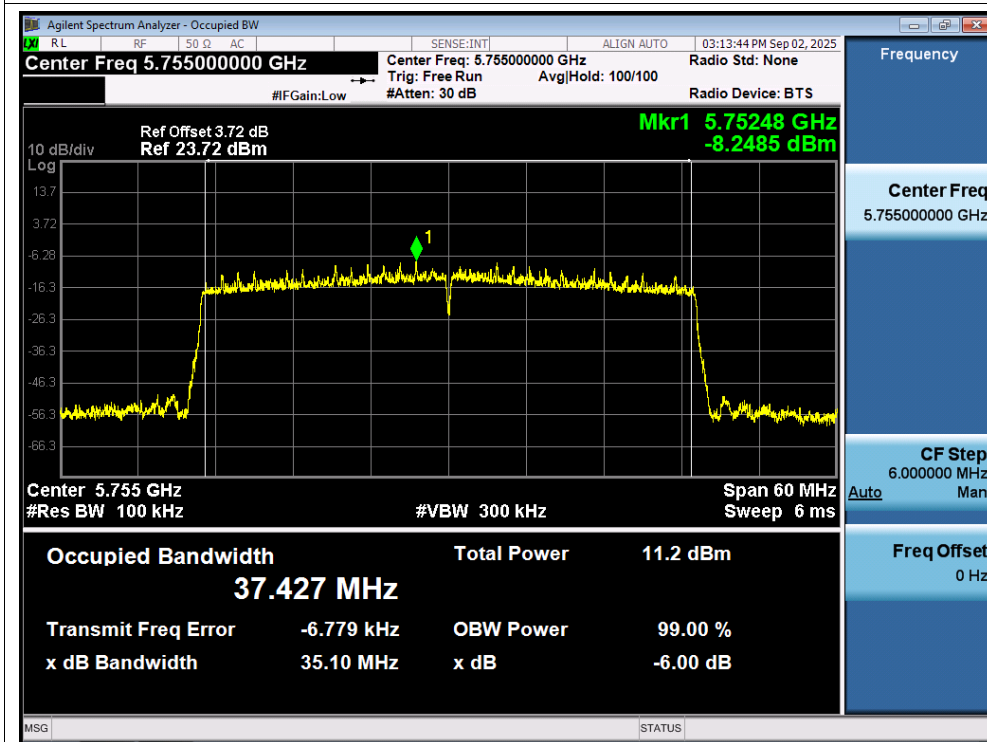
-6dB Bandwidth NVNT ax20 5785MHz AntA



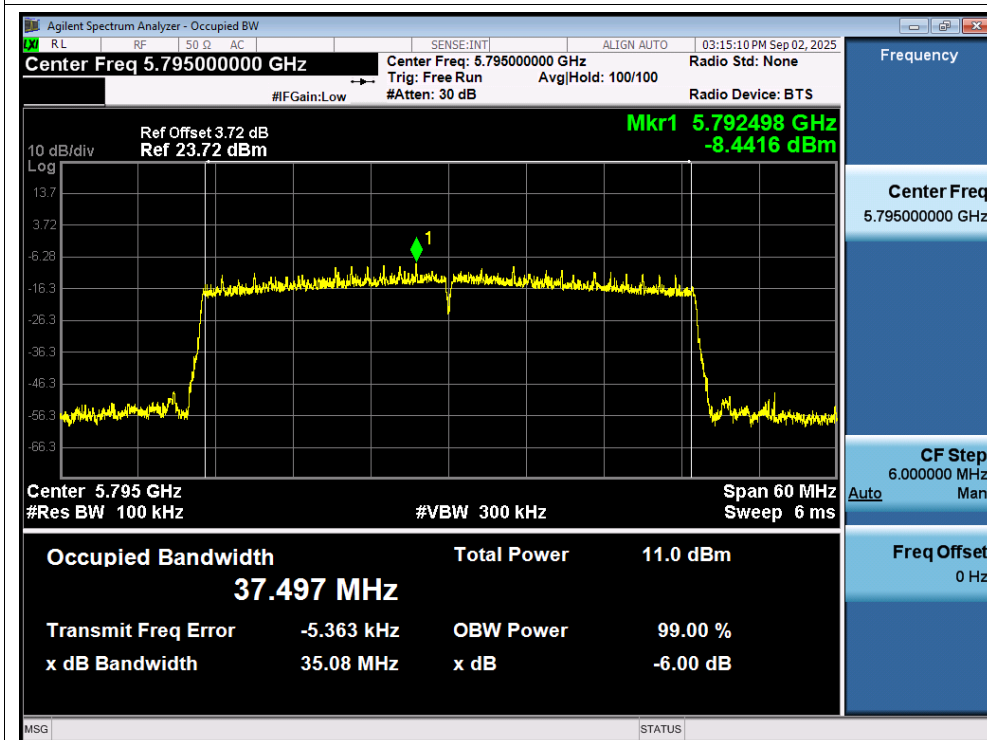
-6dB Bandwidth NVNT ax20 5825MHz AntA



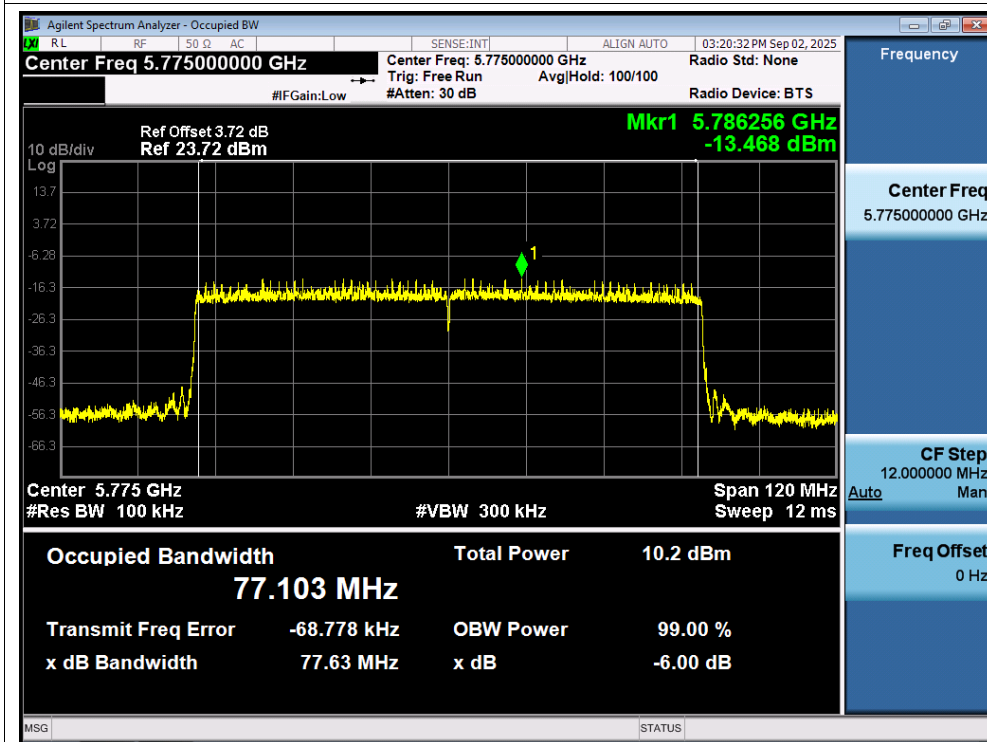
-6dB Bandwidth NVNT ax40 5755MHz AntA



-6dB Bandwidth NVNT ax40 5795MHz AntA



-6dB Bandwidth NVNT ax80 5775MHz AntA



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	AntA	-5.49	30	Pass
NVNT	a	5785	AntA	-5.54	30	Pass
NVNT	a	5825	AntA	-6.13	30	Pass
NVNT	n20	5745	AntA	-7.01	30	Pass
NVNT	n20	5785	AntA	-6.81	30	Pass
NVNT	n20	5825	AntA	-7.62	30	Pass
NVNT	n40	5755	AntA	-11.65	30	Pass
NVNT	n40	5795	AntA	-11.86	30	Pass
NVNT	ac20	5745	AntA	-7.18	30	Pass
NVNT	ac20	5785	AntA	-6.79	30	Pass
NVNT	ac20	5825	AntA	-7.61	30	Pass
NVNT	ac40	5755	AntA	-11.48	30	Pass
NVNT	ac40	5795	AntA	-11.67	30	Pass
NVNT	ac80	5775	AntA	-17.31	30	Pass
NVNT	ax20	5745	AntA	-7.15	30	Pass
NVNT	ax20	5785	AntA	-7.58	30	Pass
NVNT	ax20	5825	AntA	-7.51	30	Pass
NVNT	ax40	5755	AntA	-11.16	30	Pass
NVNT	ax40	5795	AntA	-11.88	30	Pass
NVNT	ax80	5775	AntA	-17.41	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

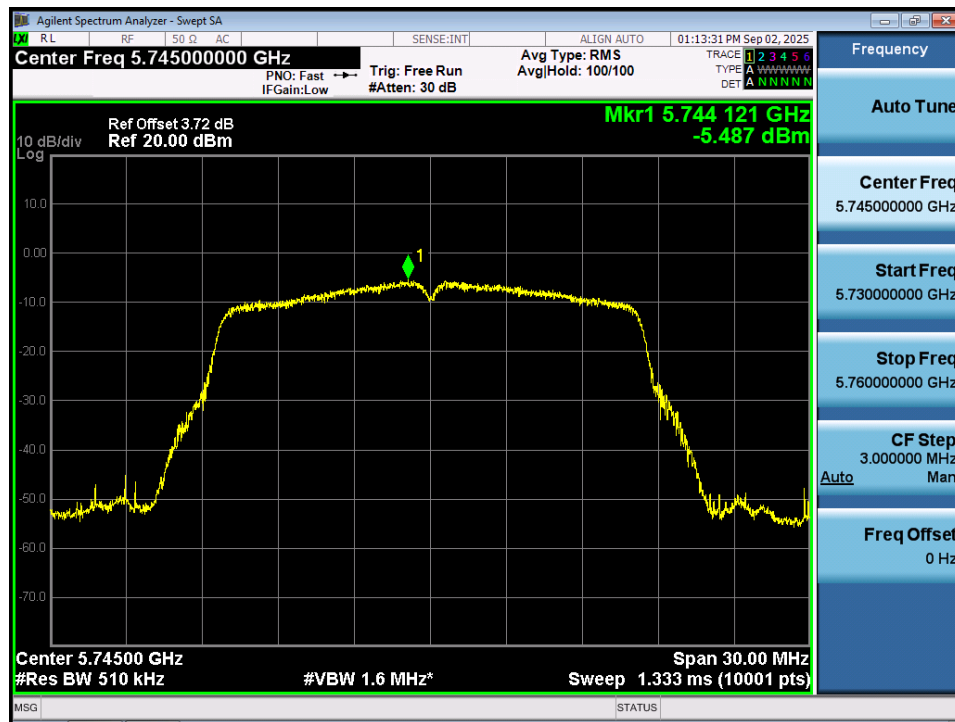
Note:

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

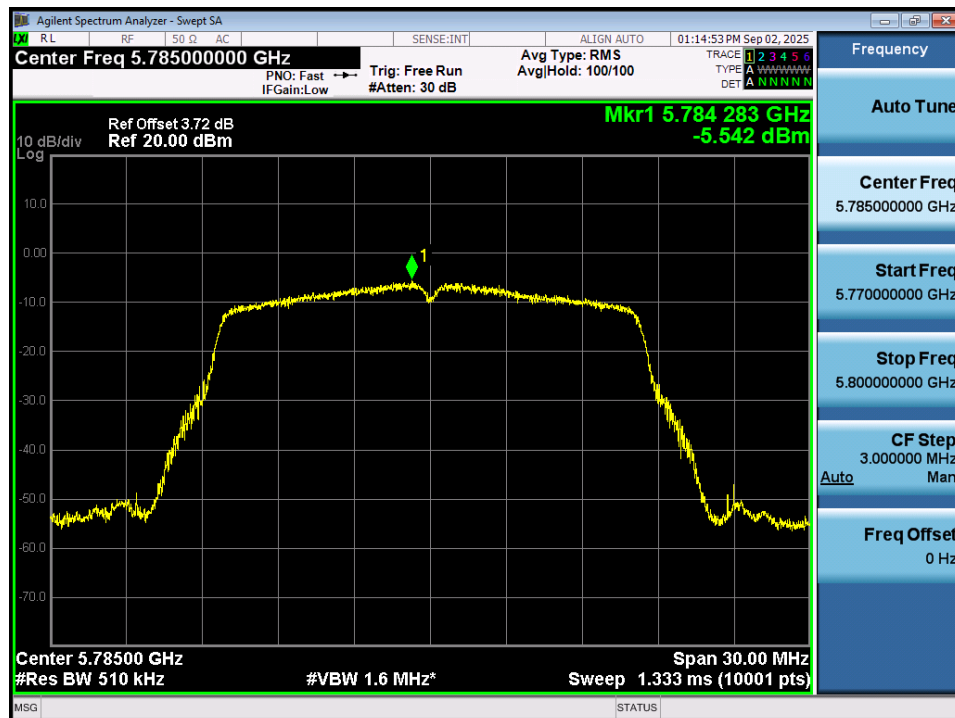
Limit=11 dBi

Test Graphs

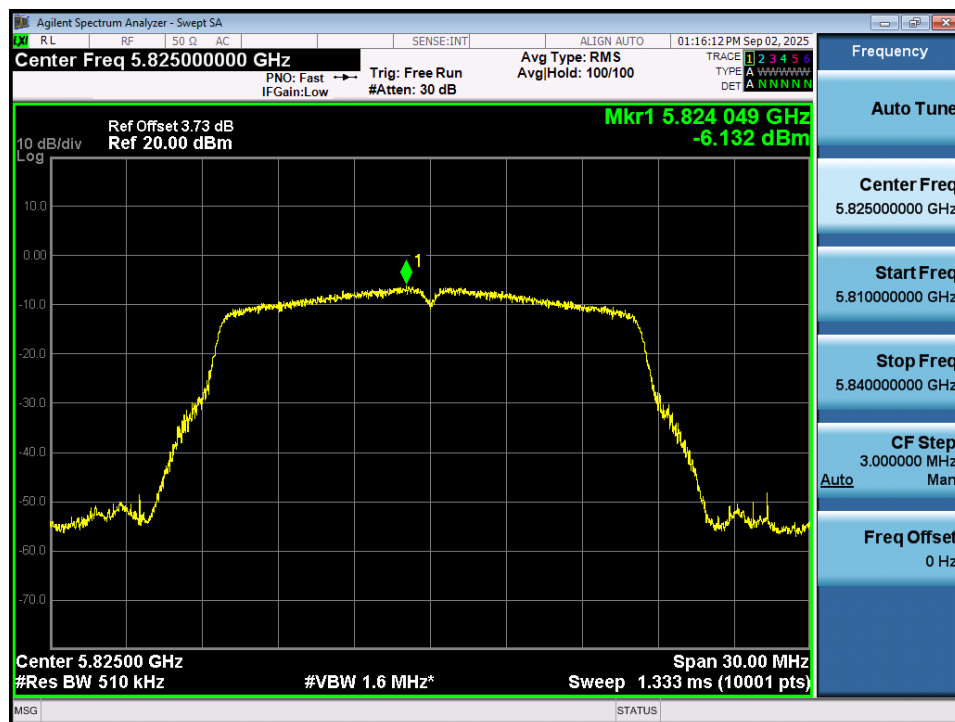
PSD NVNT a 5745MHz AntA



PSD NVNT a 5785MHz AntA



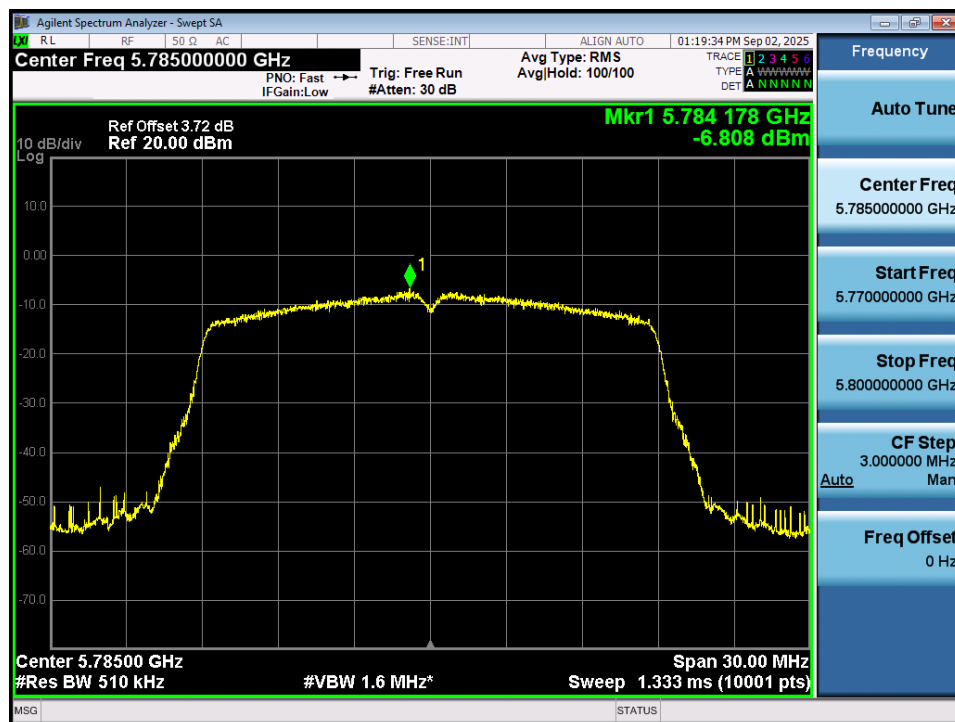
PSD NVNT a 5825MHz AntA



PSD NVNT n20 5745MHz AntA



PSD NVNT n20 5785MHz AntA



PSD NVNT n20 5825MHz AntA



PSD NVNT n40 5755MHz AntA



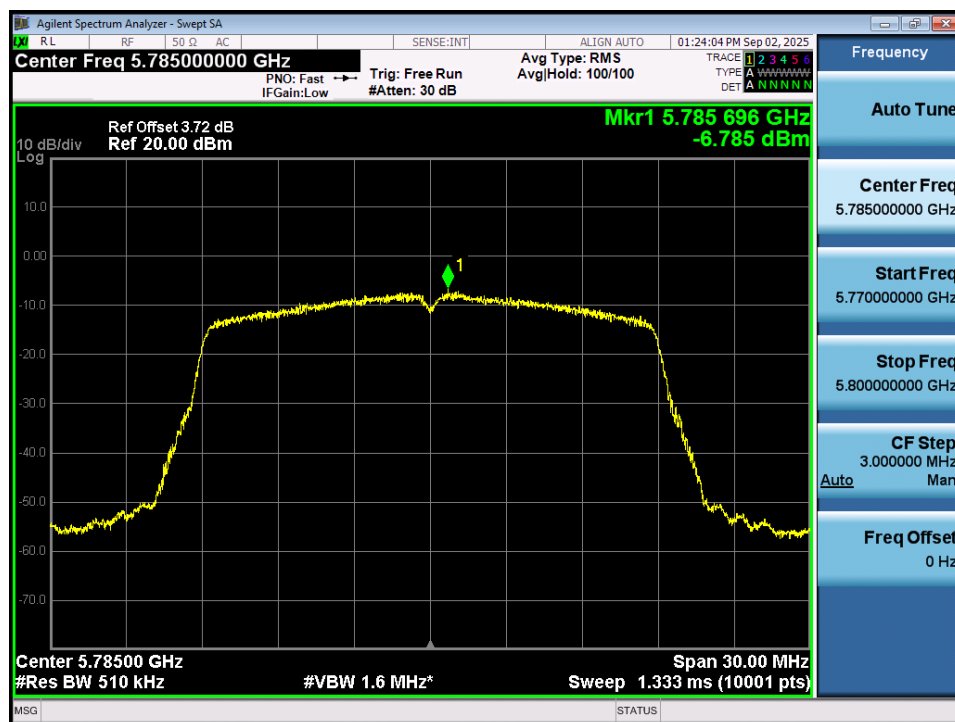
PSD NVNT n40 5795MHz AntA



PSD NVNT ac20 5745MHz AntA



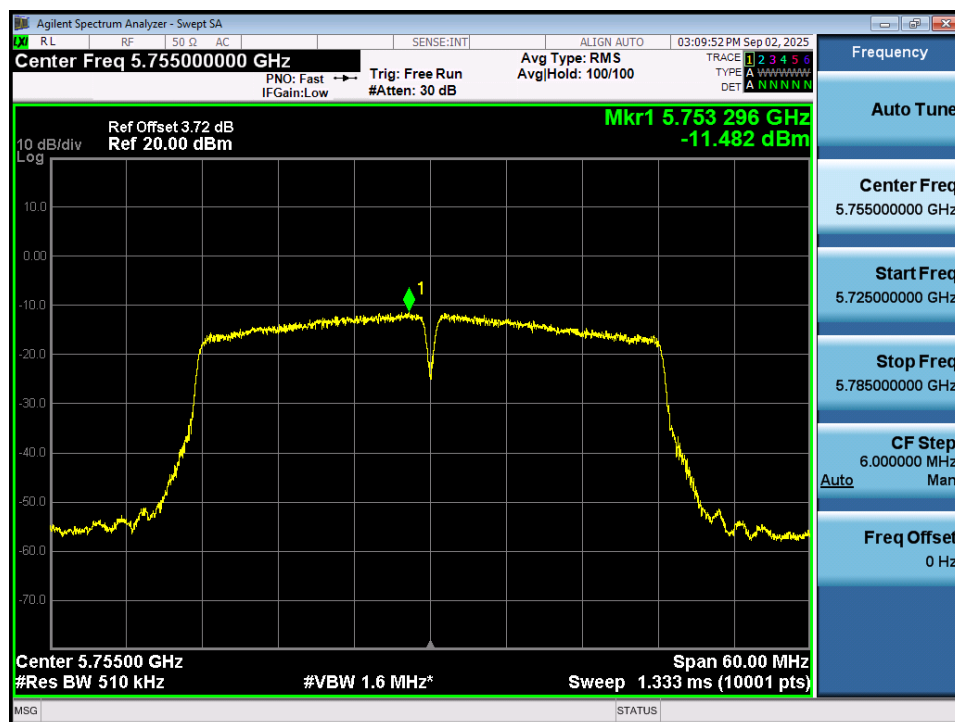
PSD NVNT ac20 5785MHz AntA



PSD NVNT ac20 5825MHz AntA



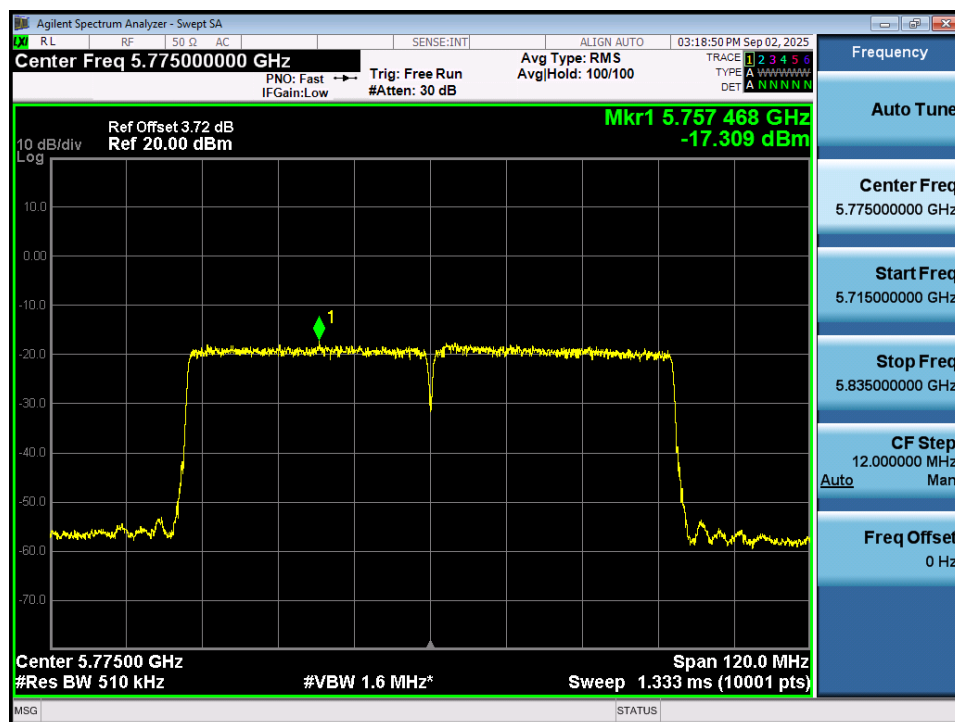
PSD NVNT ac40 5755MHz AntA



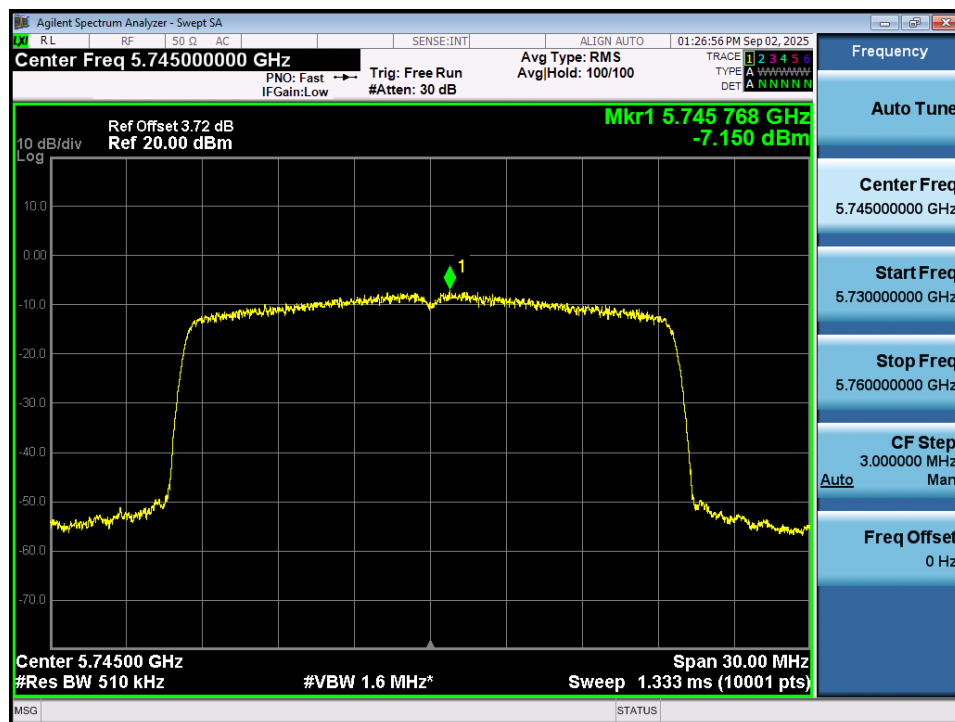
PSD NVNT ac40 5795MHz AntA



PSD NVNT ac80 5775MHz AntA



PSD NVNT ax20 5745MHz AntA



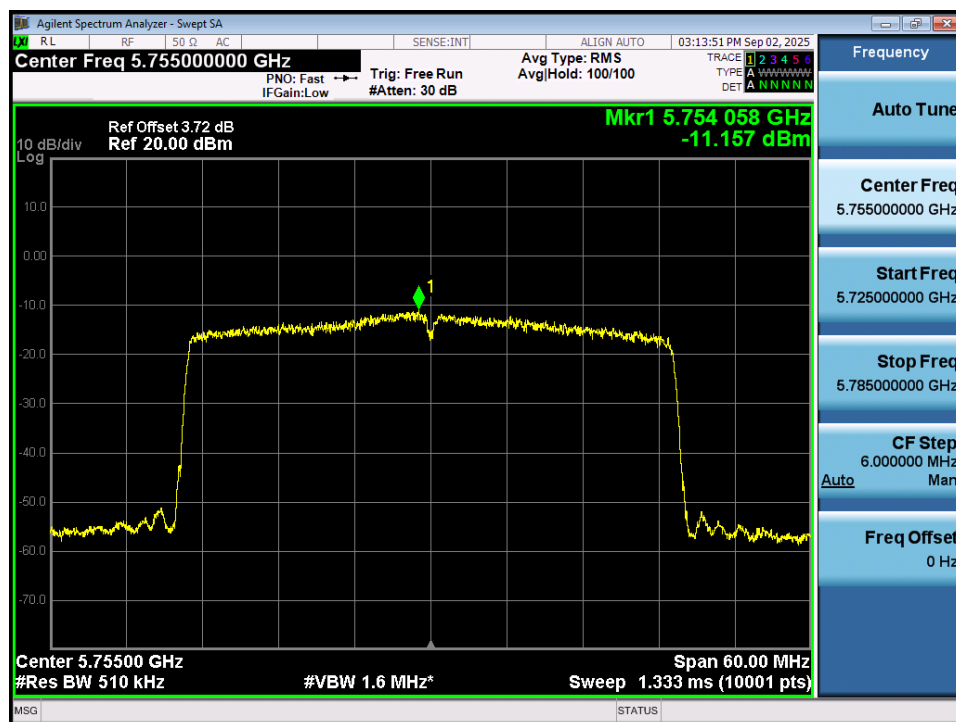
PSD NVNT ax20 5785MHz AntA



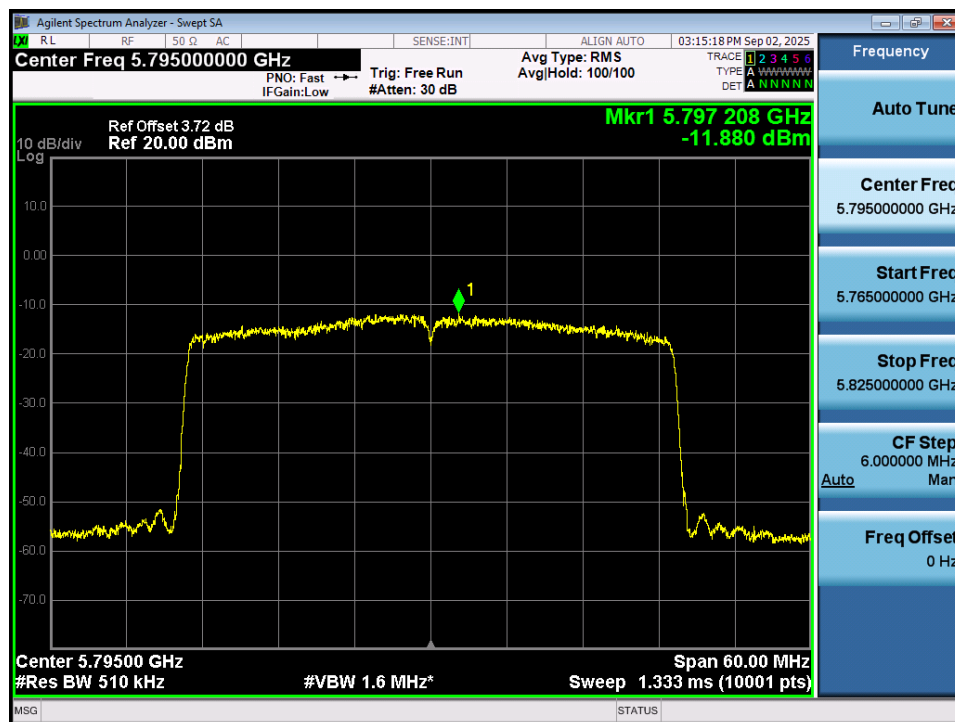
PSD NVNT ax20 5825MHz AntA



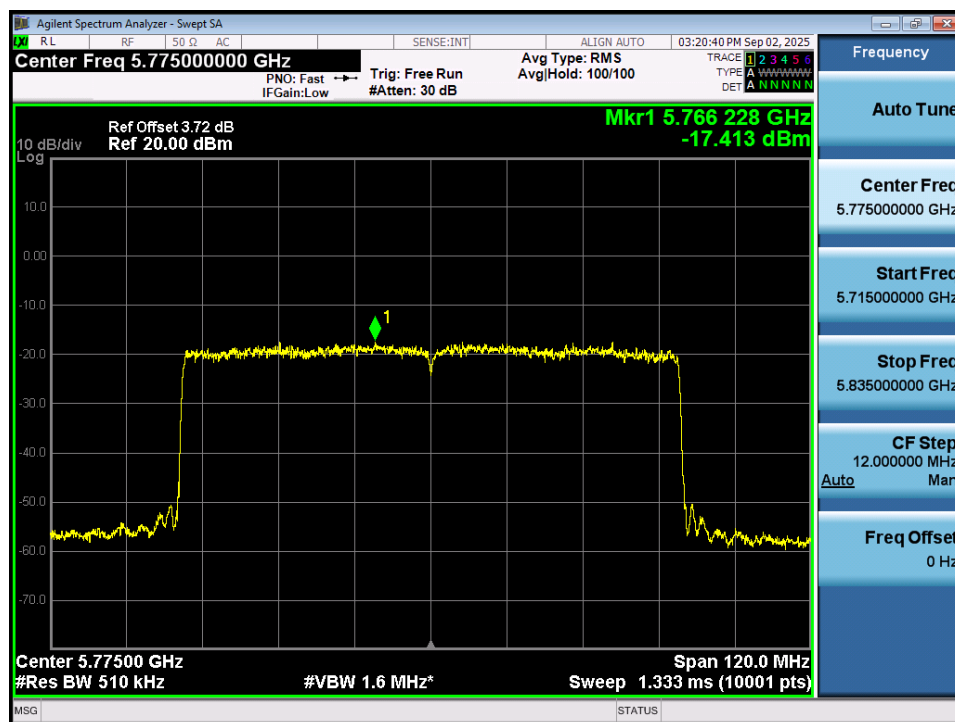
PSD NVNT ax40 5755MHz AntA



PSD NVNT ax40 5795MHz AntA



PSD NVNT ax80 5775MHz AntA

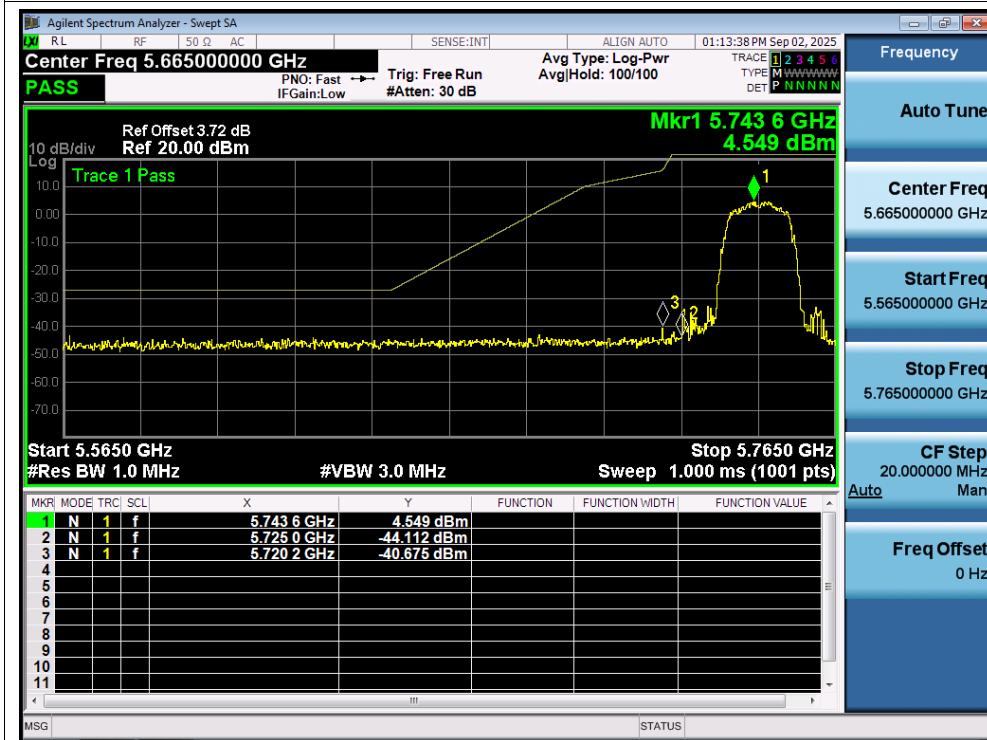


Band Edge

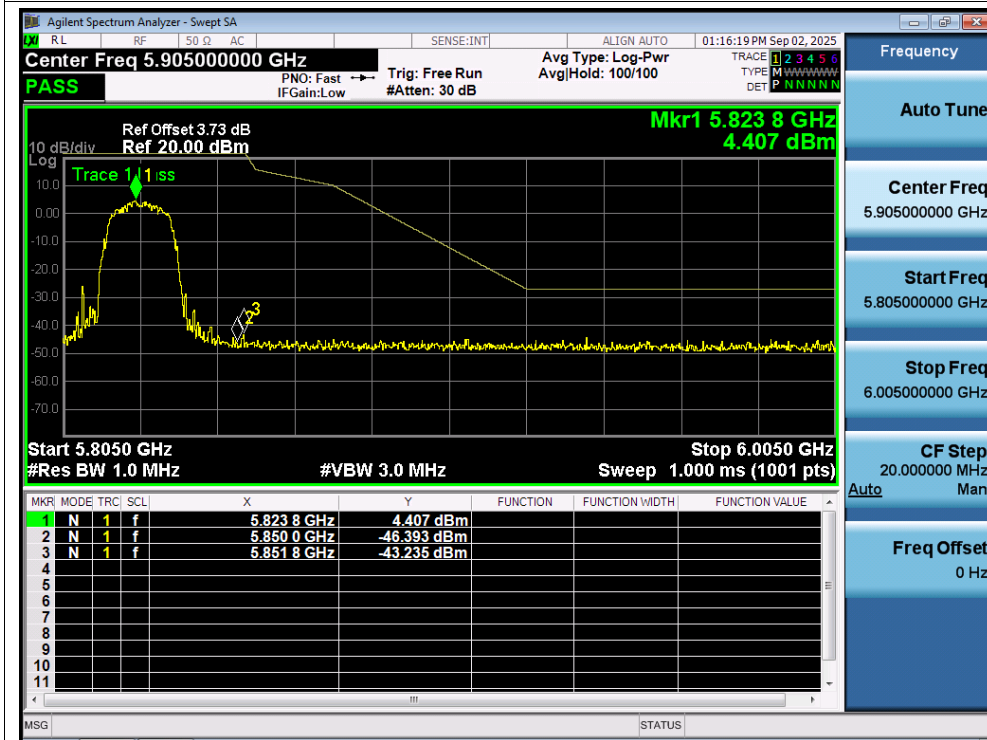
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	AntA	-40.67	Pass
NVNT	a	5825	AntA	-43.23	Pass
NVNT	n20	5745	AntA	-36.46	Pass
NVNT	n20	5825	AntA	-44.55	Pass
NVNT	n40	5755	AntA	-41.34	Pass
NVNT	n40	5795	AntA	-44.47	Pass
NVNT	ac20	5745	AntA	-42.99	Pass
NVNT	ac20	5825	AntA	-45.15	Pass
NVNT	ac40	5755	AntA	-41.75	Pass
NVNT	ac40	5795	AntA	-44.06	Pass
NVNT	ac80	5775	AntA	-44.72	Pass
NVNT	ac80	5775	AntA	-43.23	Pass
NVNT	ax20	5745	AntA	-42.98	Pass
NVNT	ax20	5825	AntA	-43.04	Pass
NVNT	ax40	5755	AntA	-43.12	Pass
NVNT	ax40	5795	AntA	-44.73	Pass
NVNT	ax80	5775	AntA	-44.34	Pass
NVNT	ax80	5775	AntA	-42.85	Pass

Test Graphs

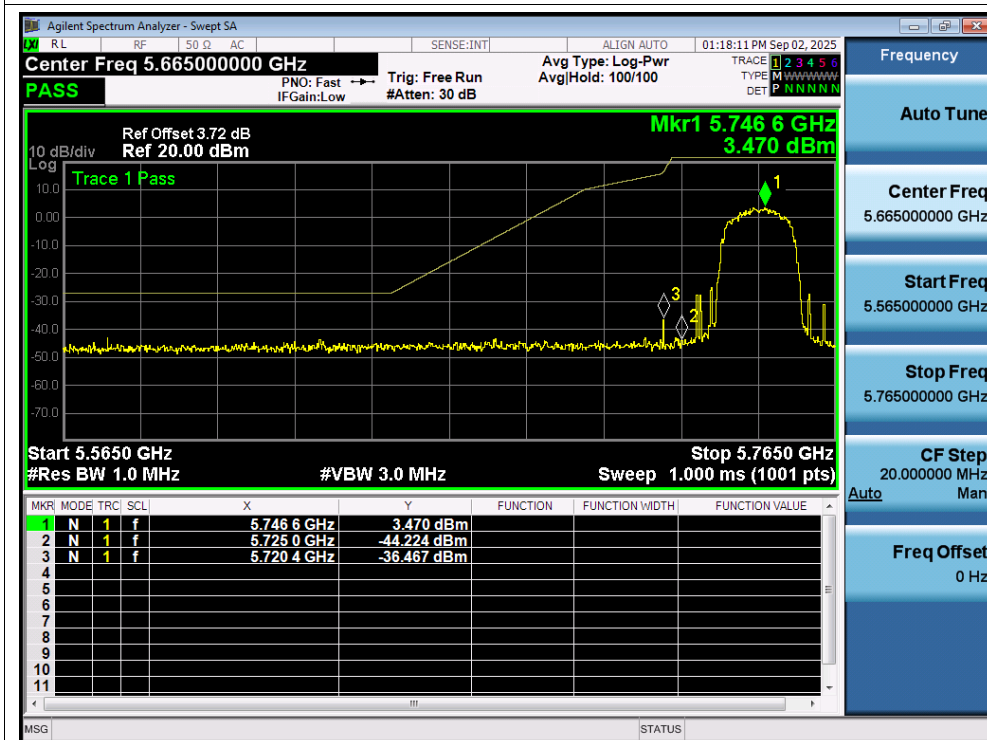
Band Edge NVNT a 5745MHz Low AntA



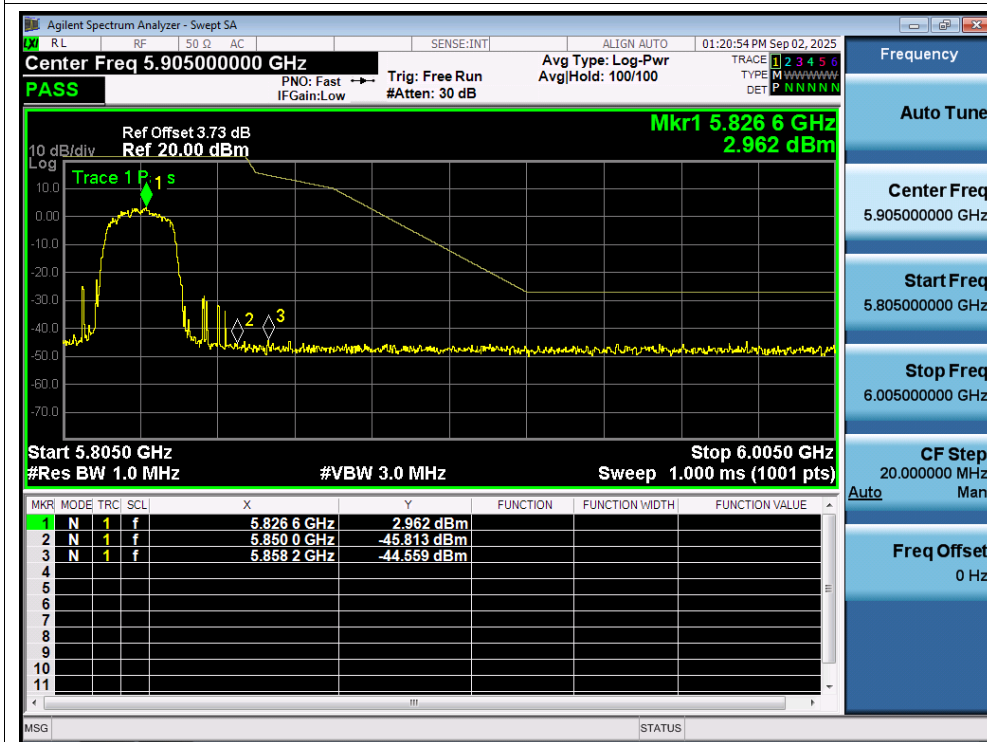
Band Edge NVNT a 5825MHz High AntA



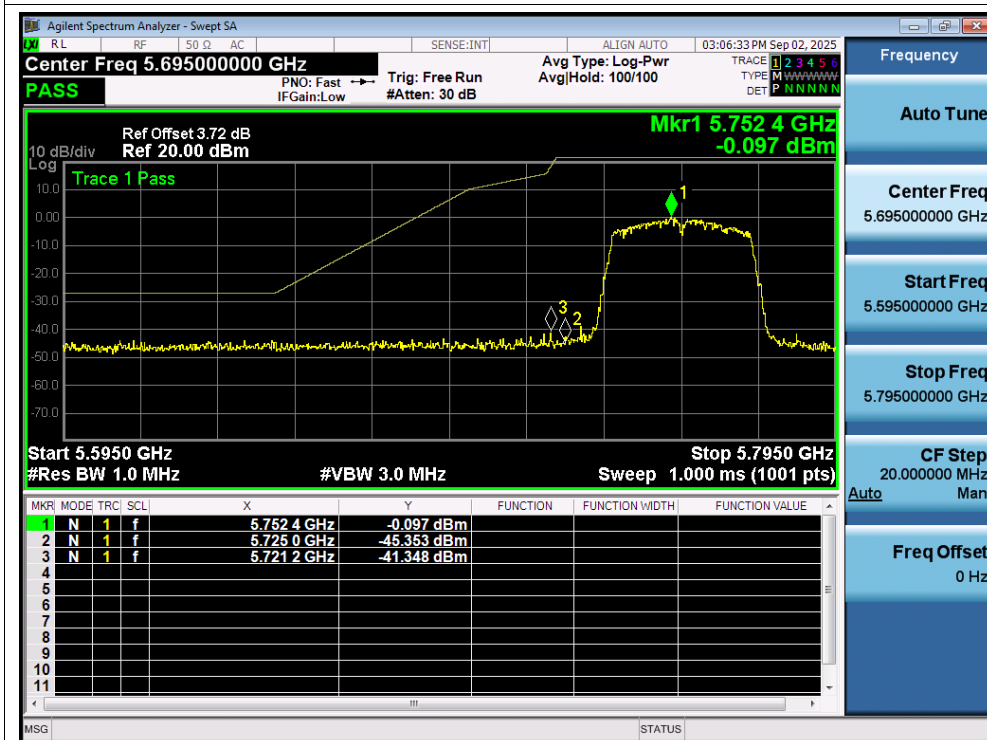
Band Edge NVNT n20 5745MHz Low AntA



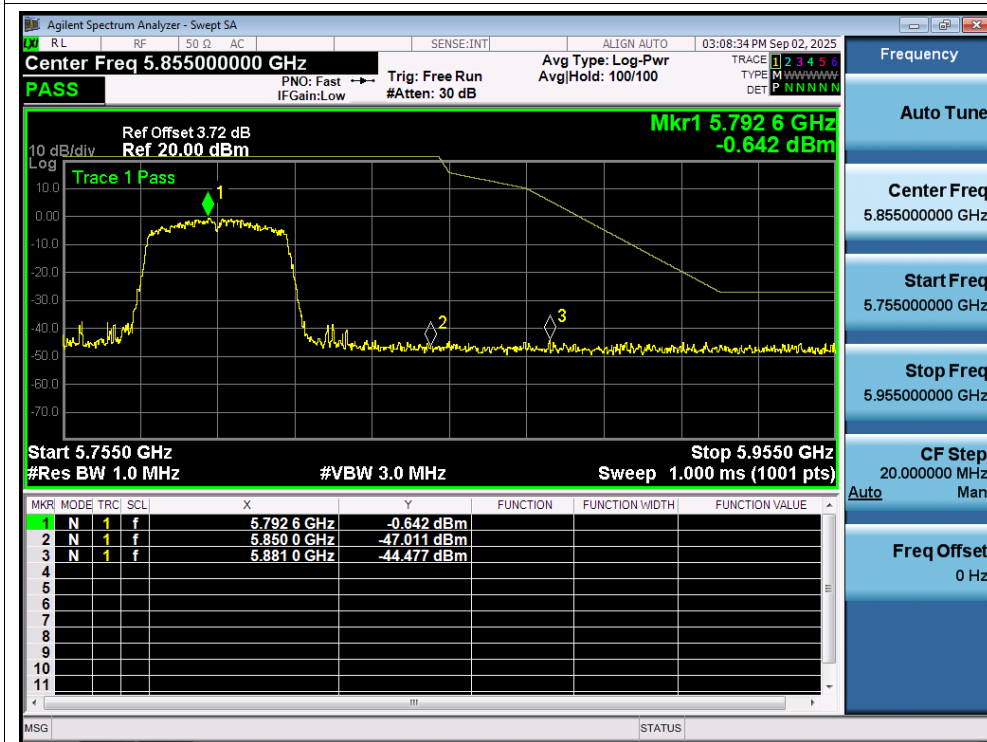
Band Edge NVNT n20 5825MHz High AntA



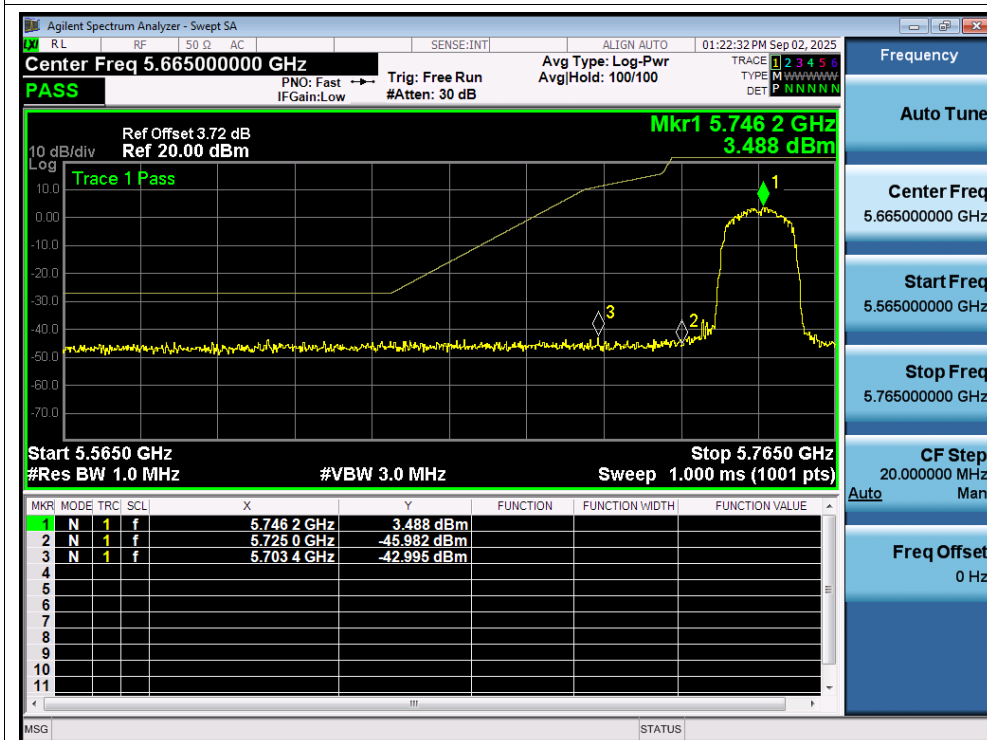
Band Edge NVNT n40 5755MHz Low AntA



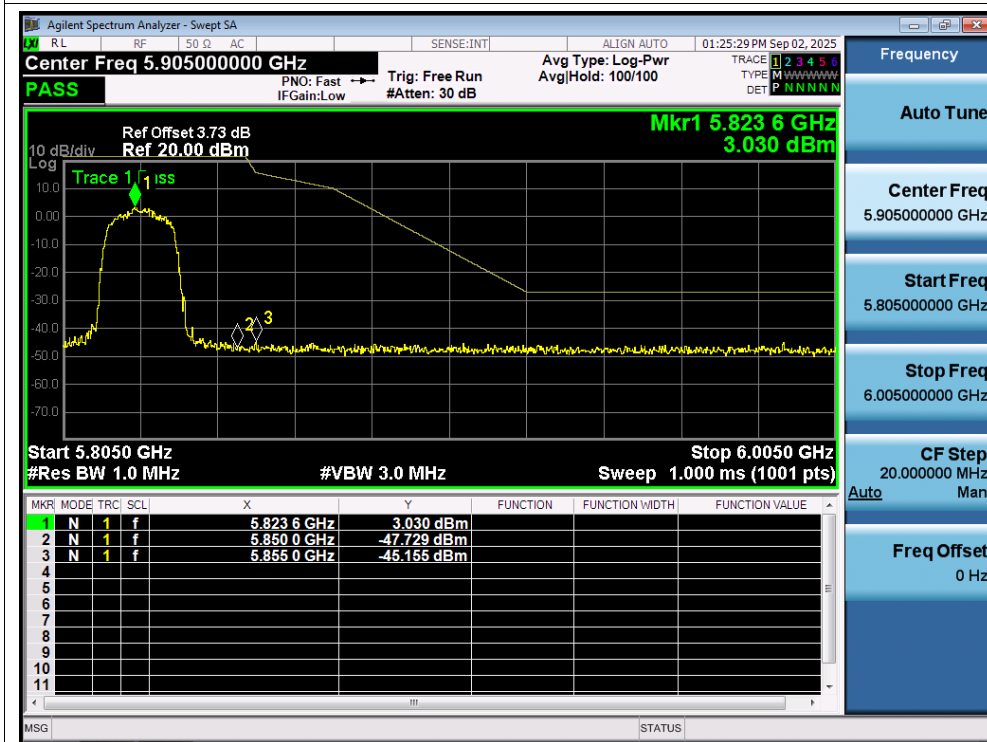
Band Edge NVNT n40 5795MHz High AntA



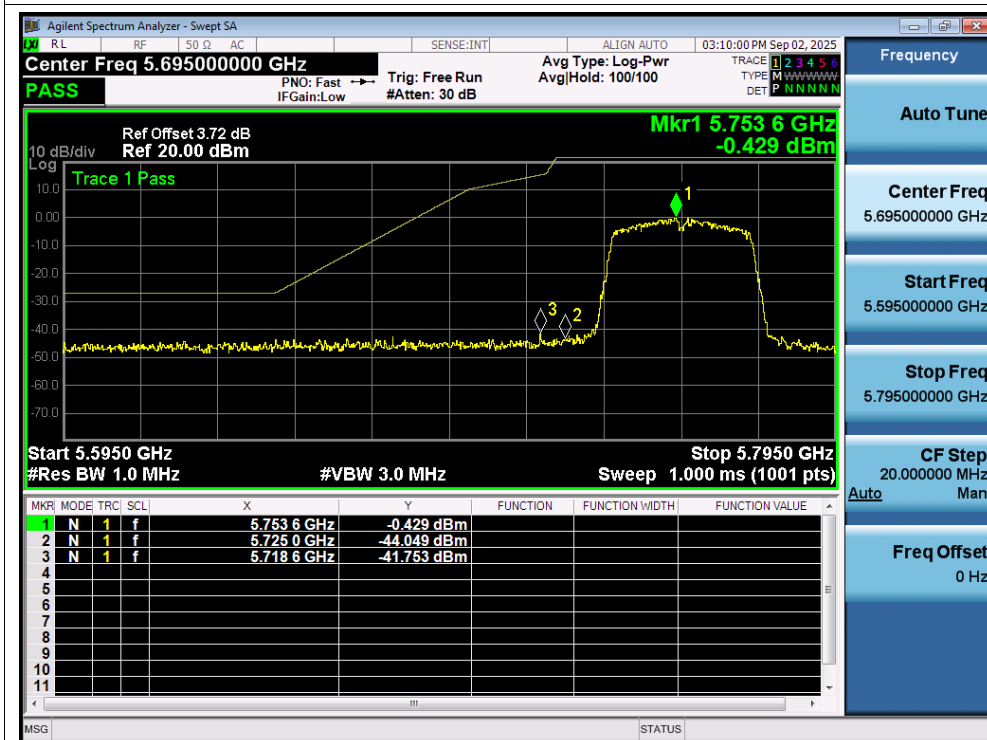
Band Edge NVNT ac20 5745MHz Low AntA



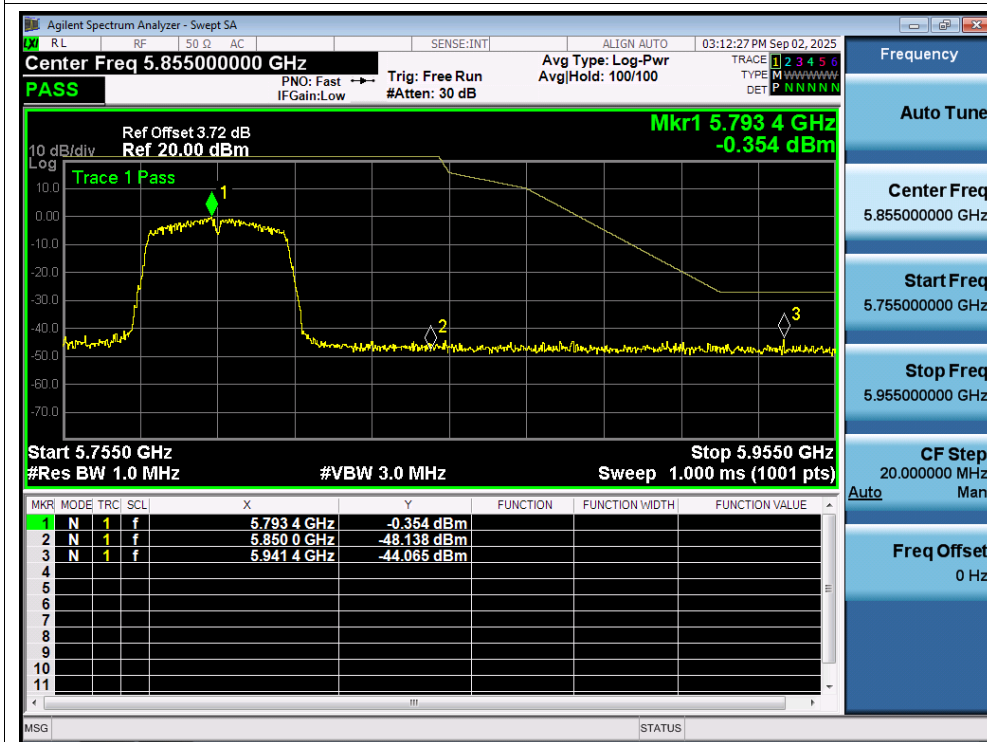
Band Edge NVNT ac20 5825MHz High AntA



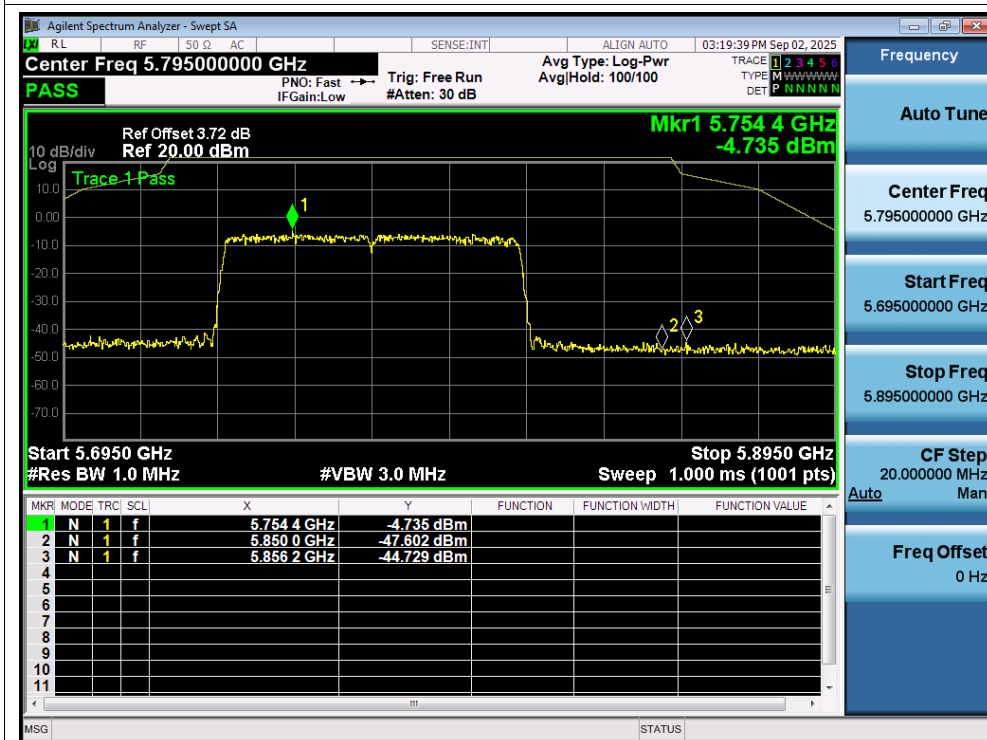
Band Edge NVNT ac40 5755MHz Low AntA



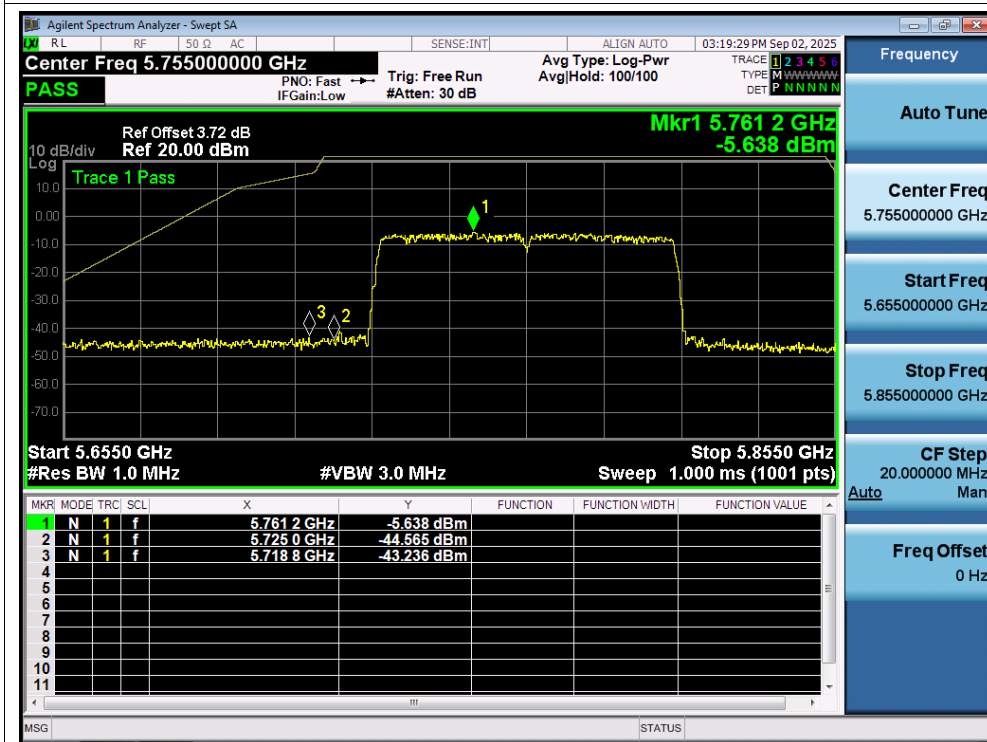
Band Edge NVNT ac40 5795MHz High AntA



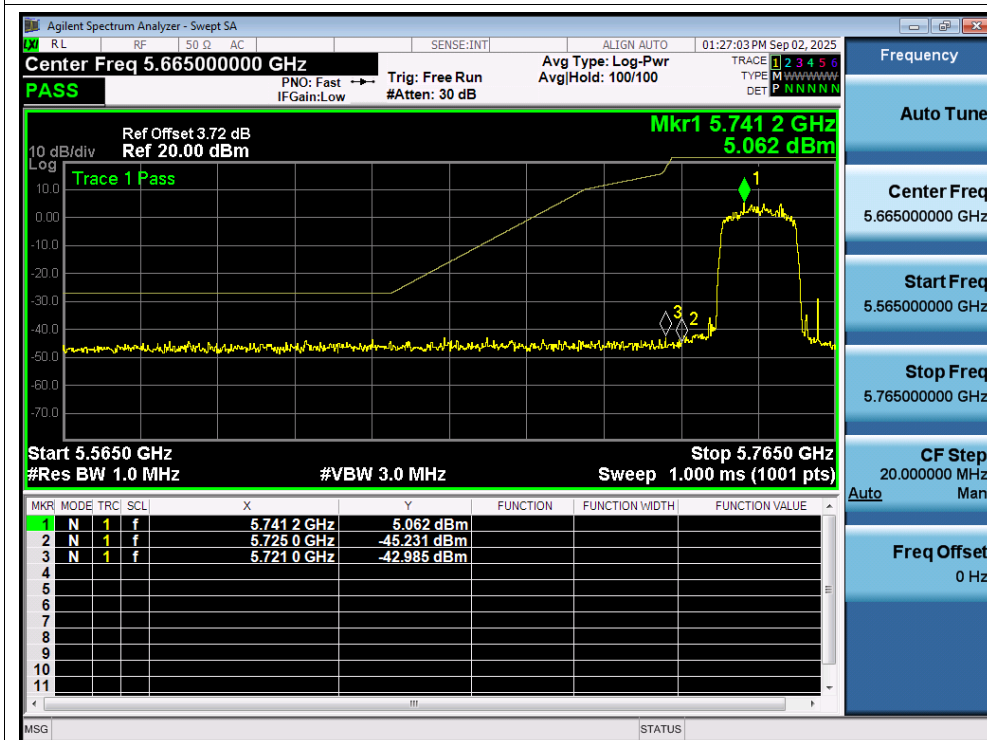
Band Edge NVNT ac80 5775MHz High AntA



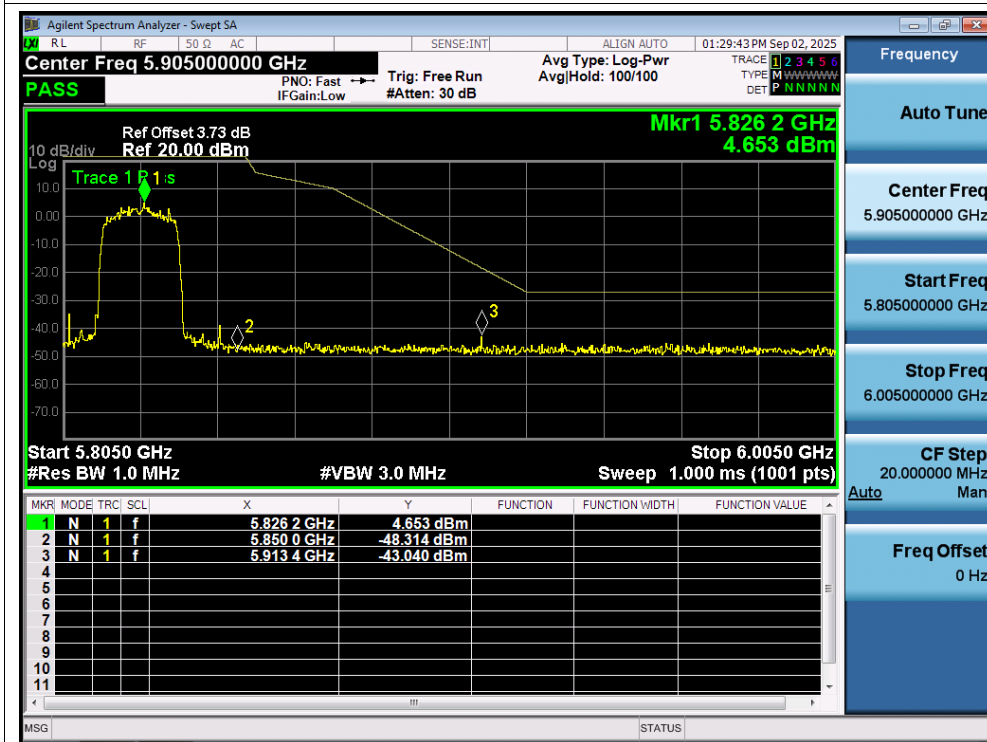
Band Edge NVNT ac80 5775MHz Low AntA



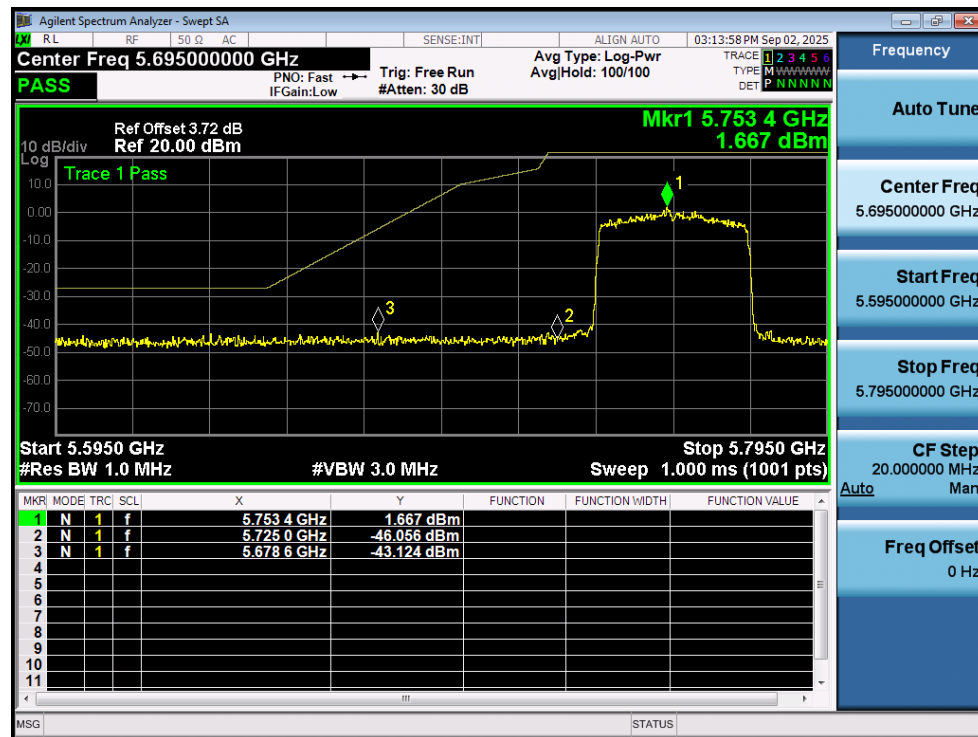
Band Edge NVNT ax20 5745MHz Low AntA



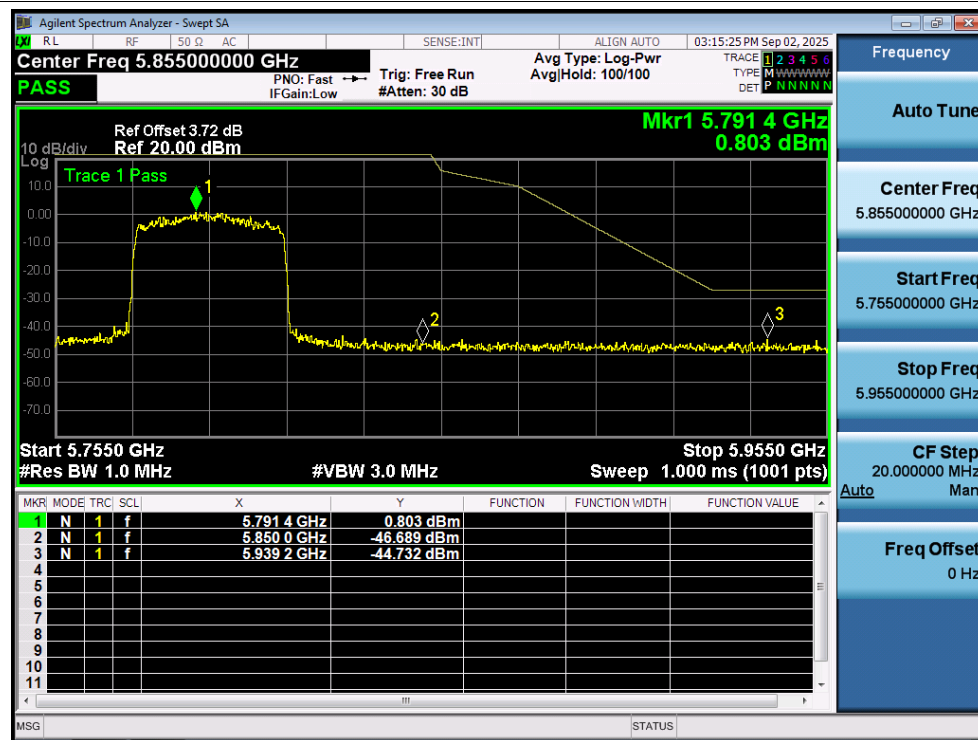
Band Edge NVNT ax20 5825MHz High AntA



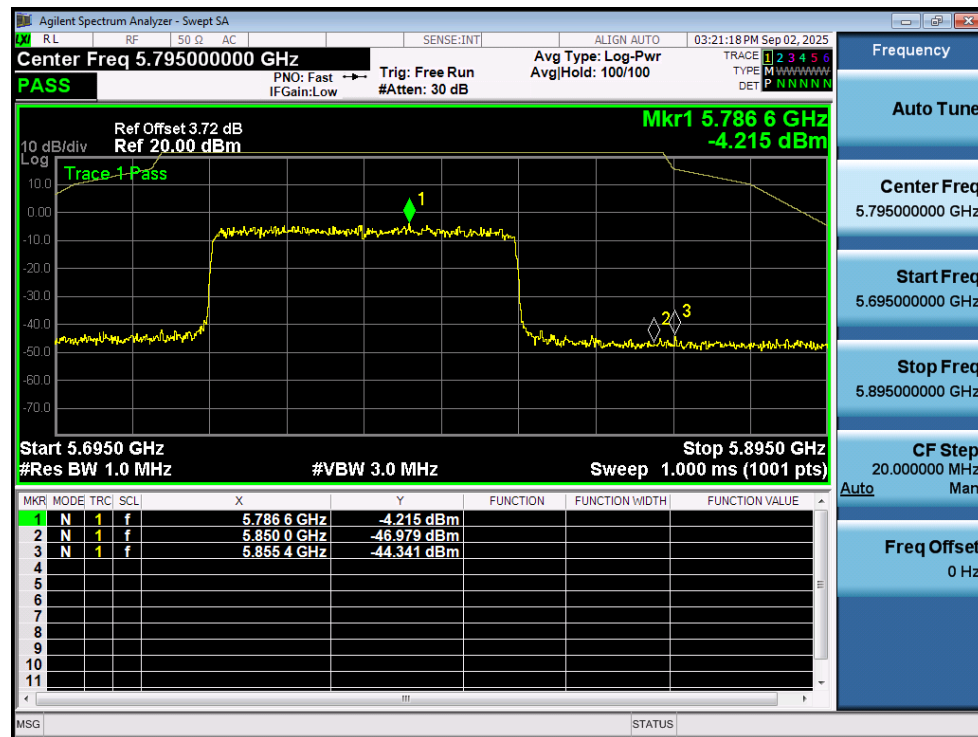
Band Edge NVNT ax40 5755MHz Low AntA



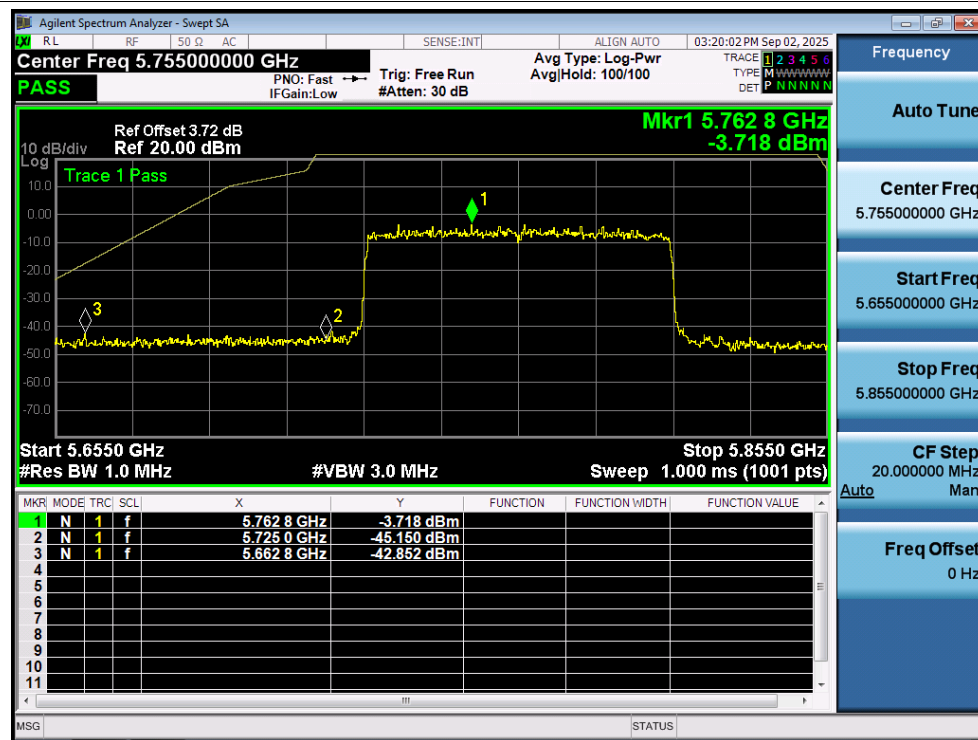
Band Edge NVNT ax40 5795MHz High AntA



Band Edge NVNT ax80 5775MHz High AntA



Band Edge NVNT ax80 5775MHz Low AntA

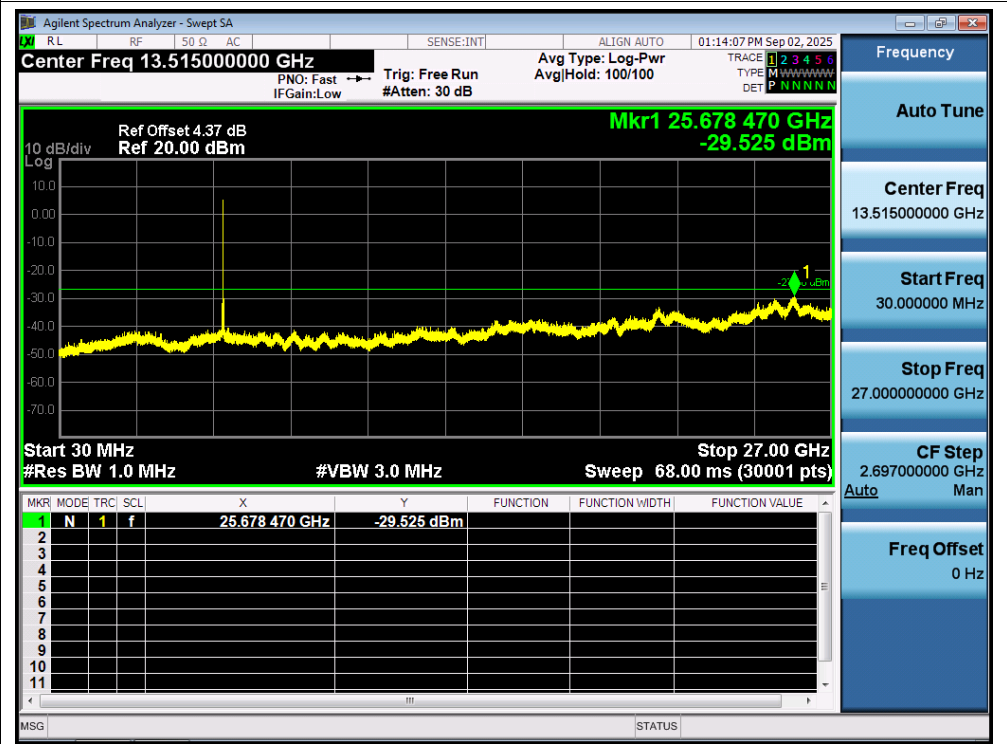


Conducted RF Spurious Emission

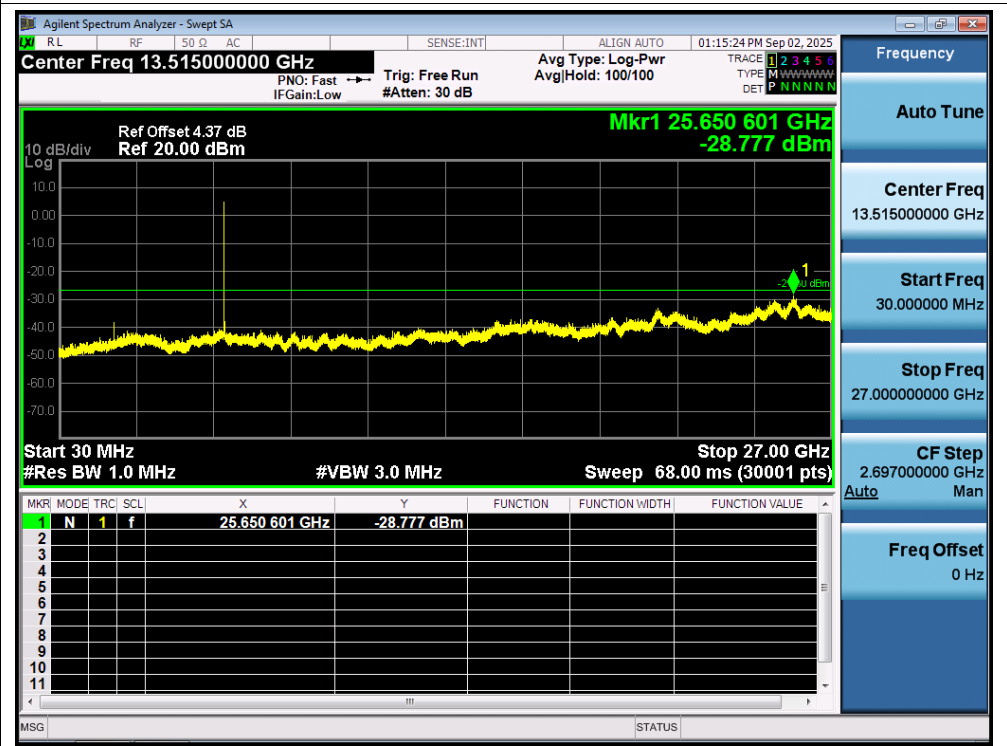
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	AntA	-29.52	-27	Pass
		5785		-28.77	-27	Pass
		5825		-28.71	-27	Pass
	n20	5745		-29.42	-27	Pass
		5785		-29.4	-27	Pass
		5825		-28.53	-27	Pass
	n40	5755		-28.78	-27	Pass
		5795		-29.19	-27	Pass
	ac20	5745		-28.9	-27	Pass
		5785		-28.6	-27	Pass
		5825		-28.9	-27	Pass
	ac40	5755		-29.16	-27	Pass
		5795		-28.47	-27	Pass
	ac80	5775		-27.33	-27	Pass
	ax20	5745		-27.01	-27	Pass
		5785		-29.47	-27	Pass
		5825		-29.15	-27	Pass
	ax40	5755		-29.11	-27	Pass
		5795		-28.71	-27	Pass
	ax80	5775		-29.32	-27	Pass

Test Graphs	

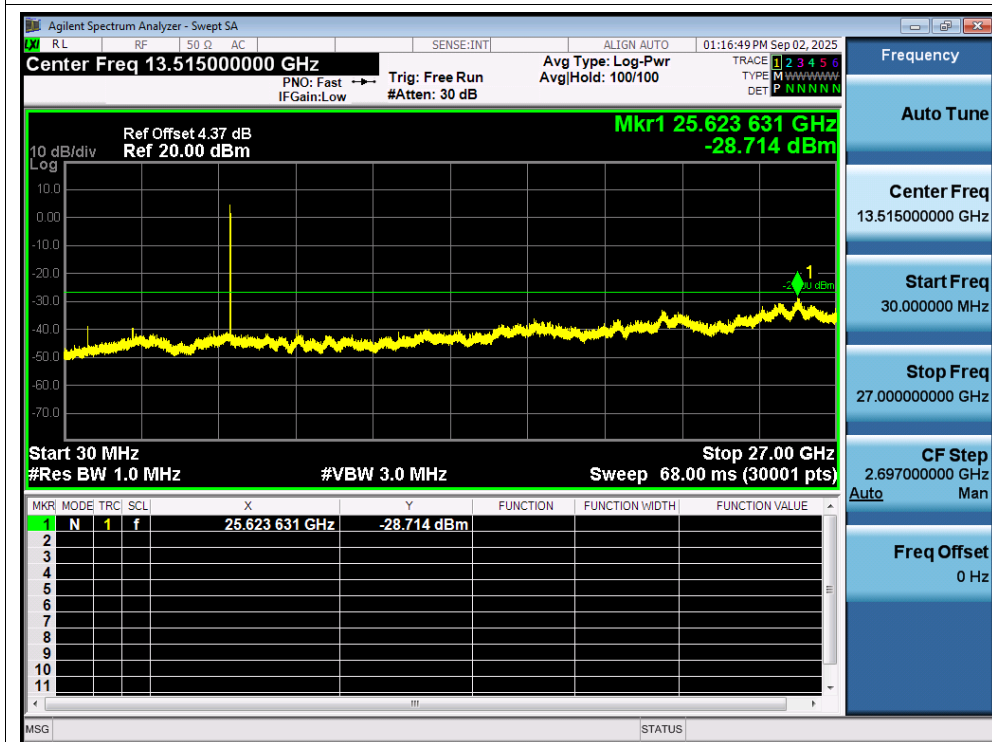
Tx. Spurious NVNT a 5745MHz AntA Emission



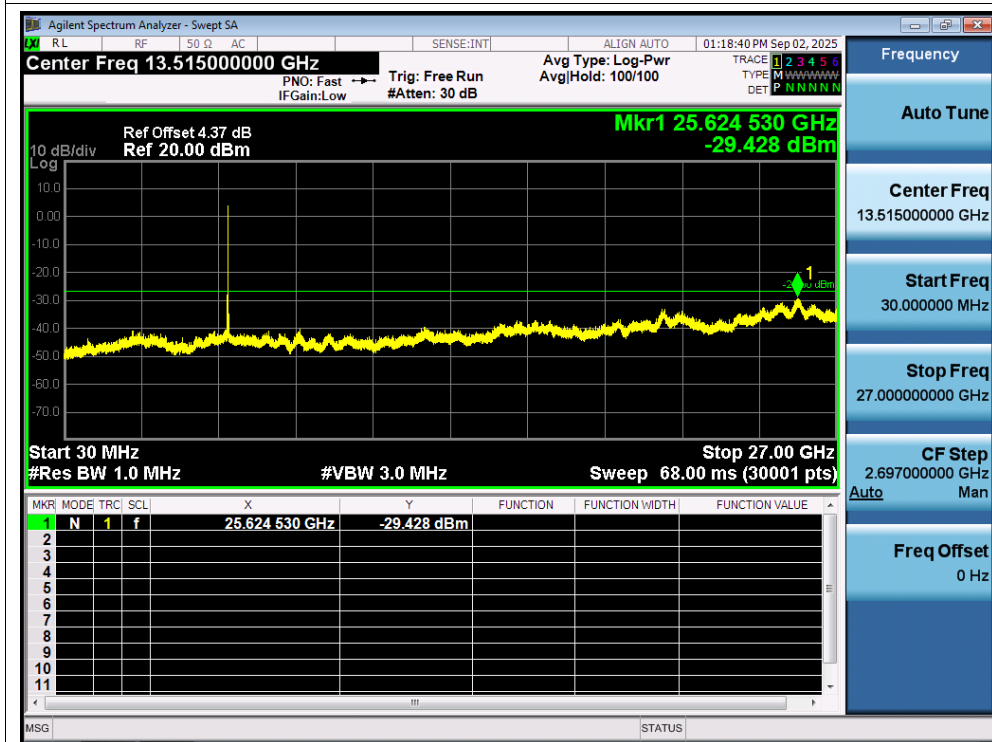
Tx. Spurious NVNT a 5785MHz AntA Emission



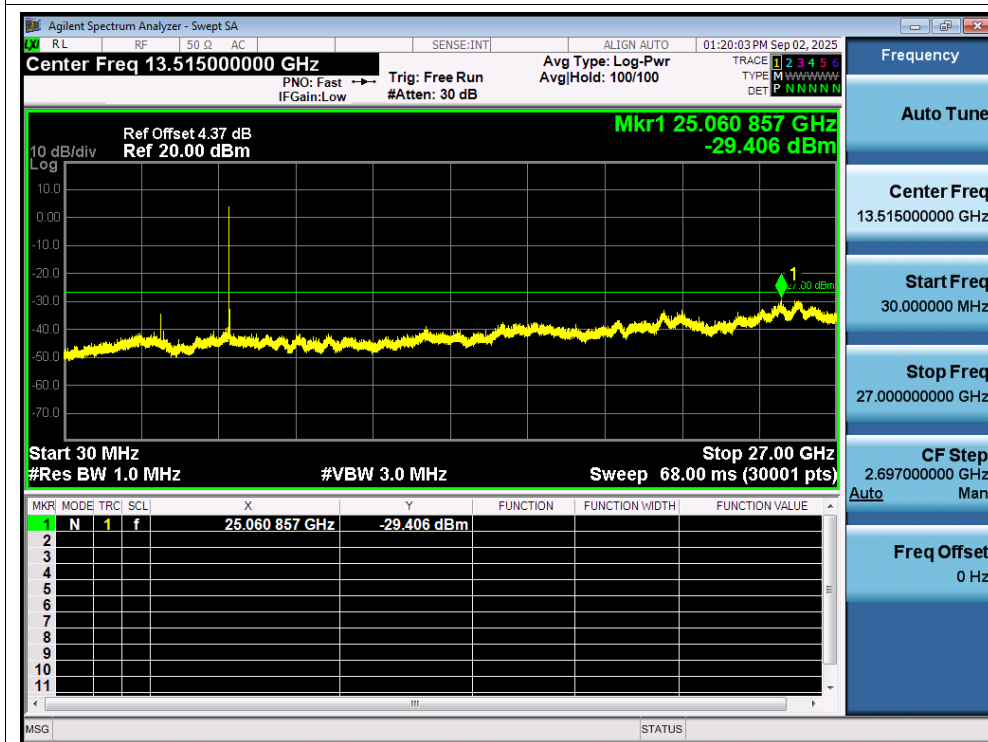
Tx. Spurious NVNT a 5825MHz AntA Emission



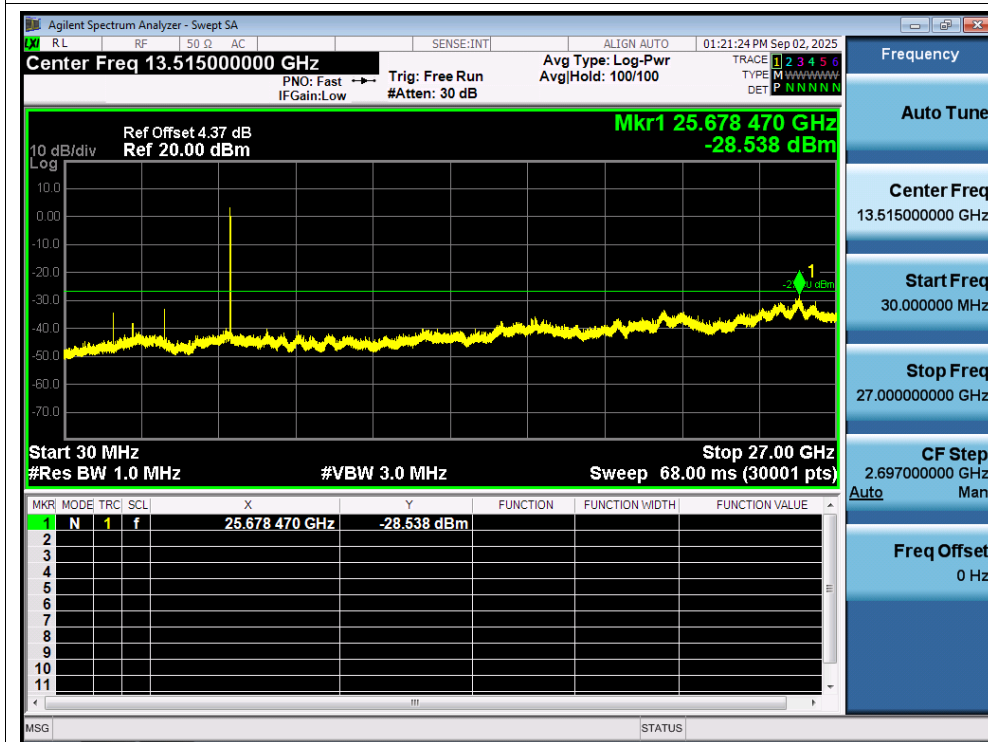
Tx. Spurious NVNT n20 5745MHz AntA Emission



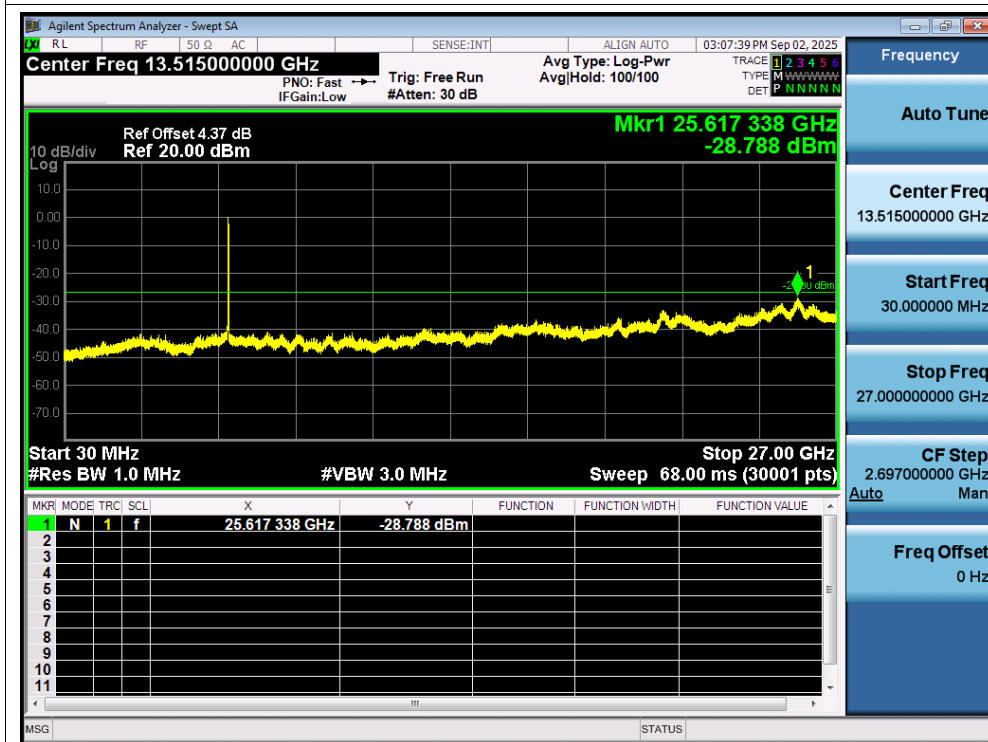
Tx. Spurious NVNT n20 5785MHz AntA Emission



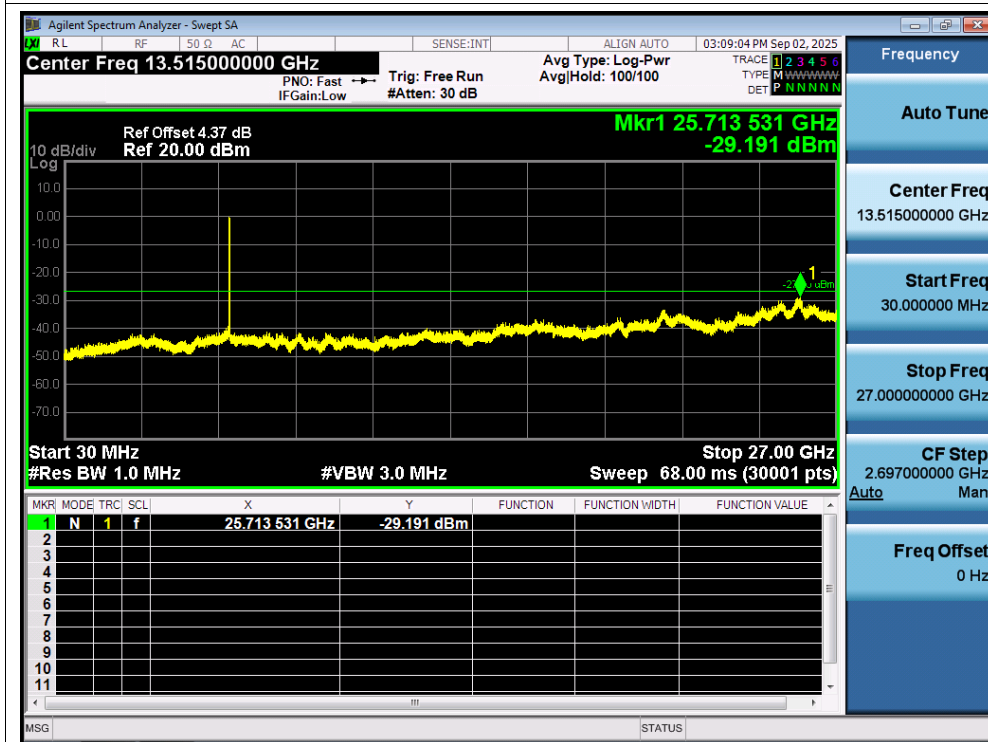
Tx. Spurious NVNT n20 5825MHz AntA Emission



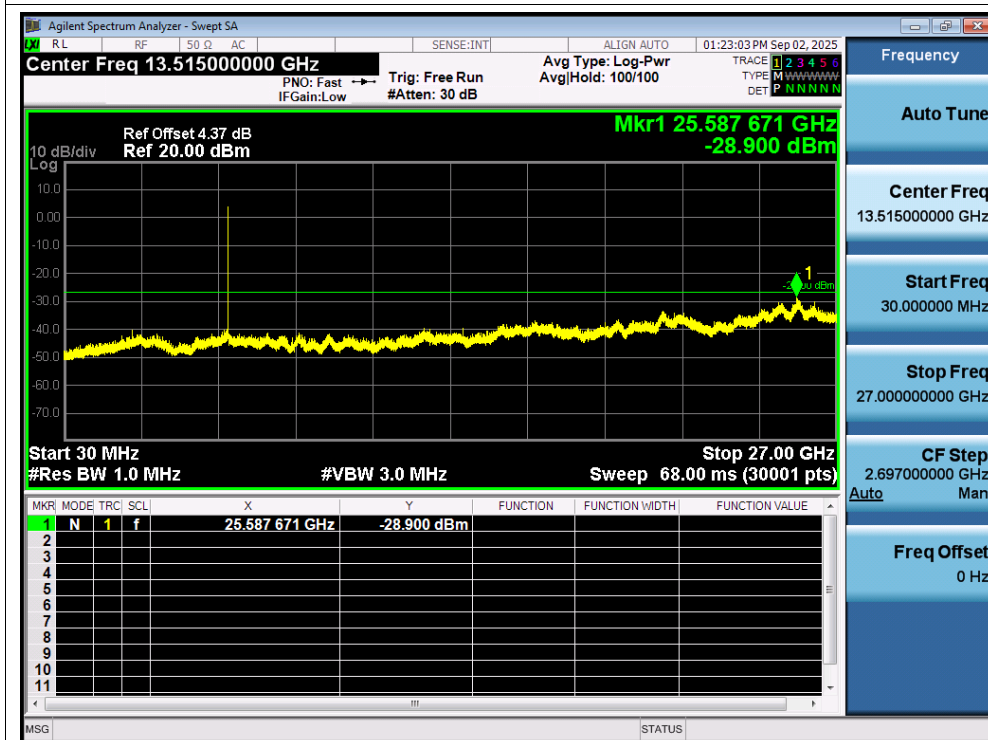
Tx. Spurious NVNT n40 5755MHz AntA Emission



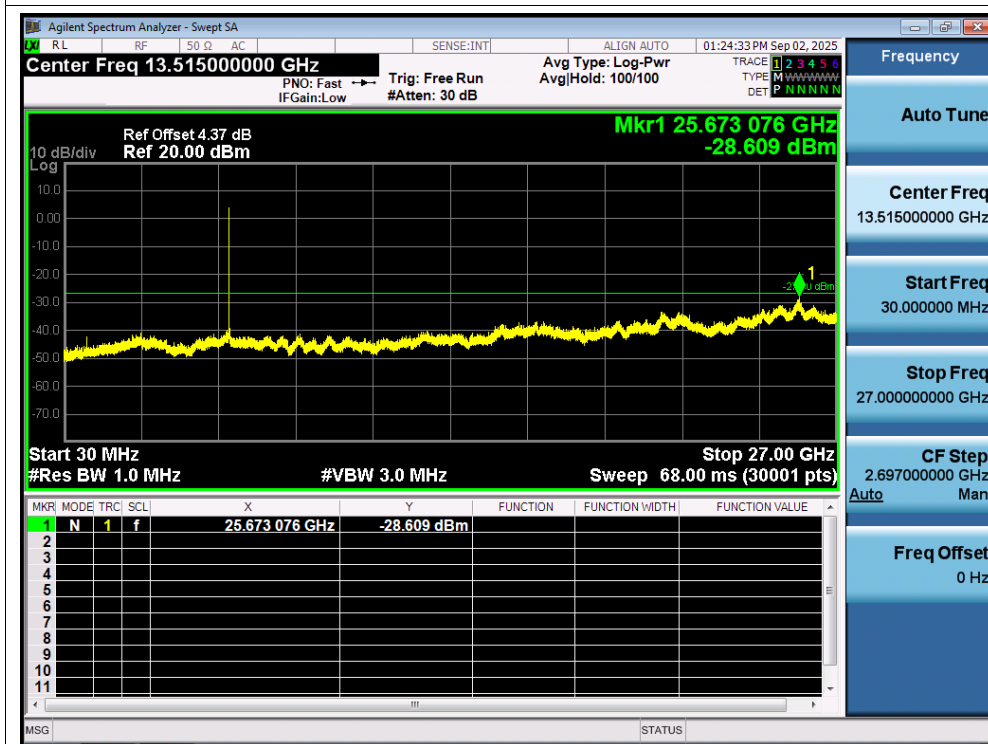
Tx. Spurious NVNT n40 5795MHz AntA Emission



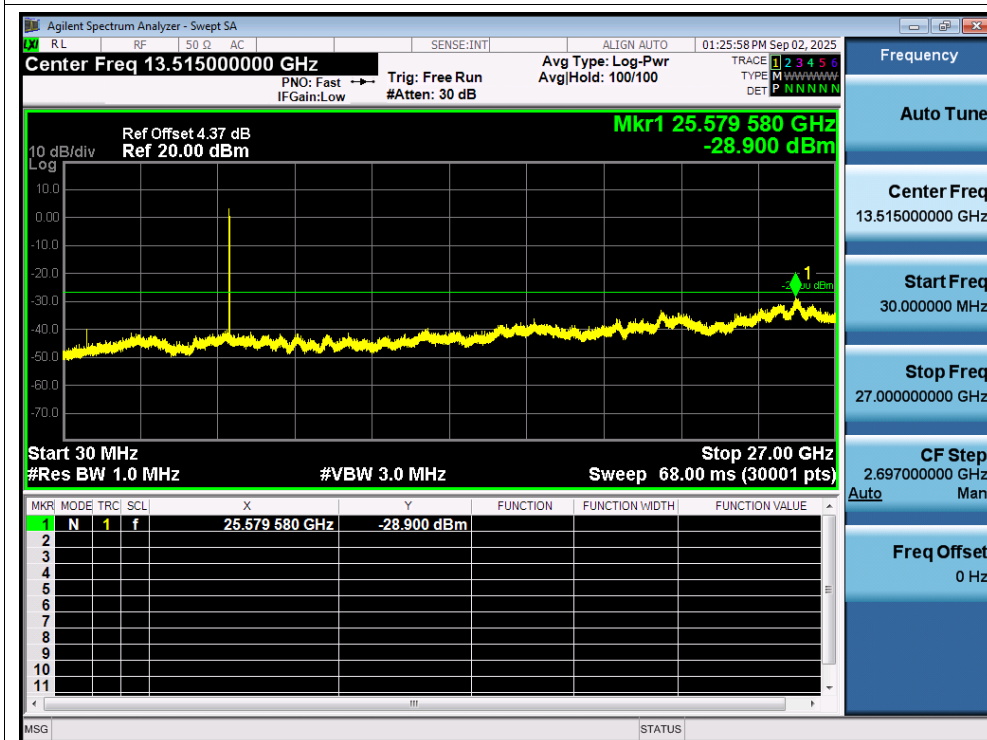
Tx. Spurious NVNT ac20 5745MHz AntA Emission



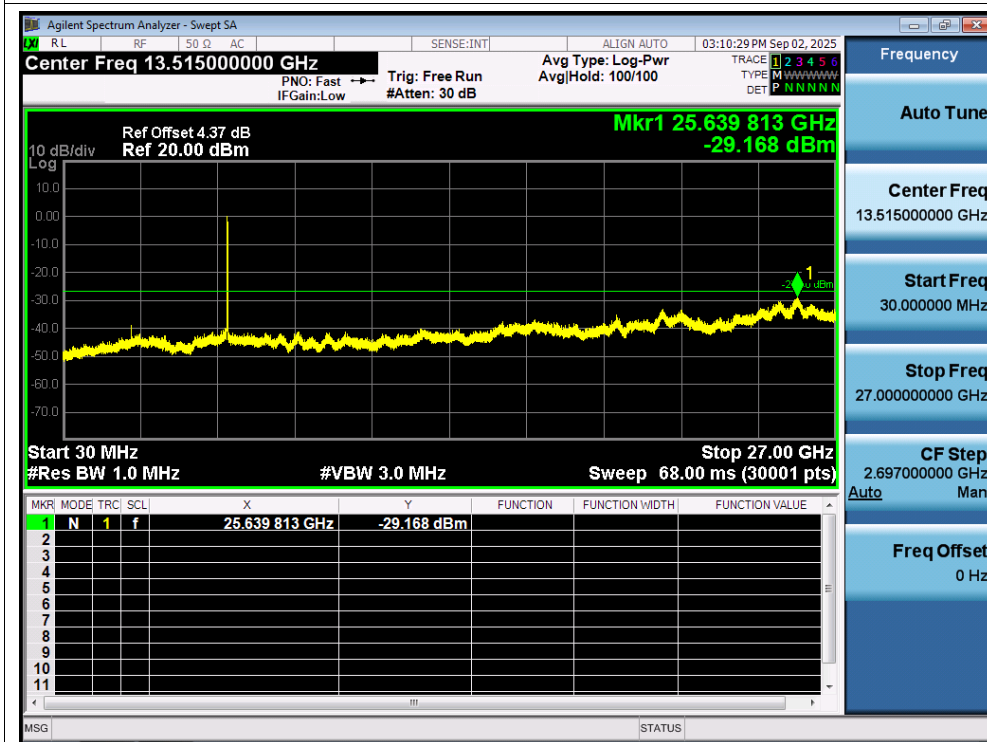
Tx. Spurious NVNT ac20 5785MHz AntA Emission



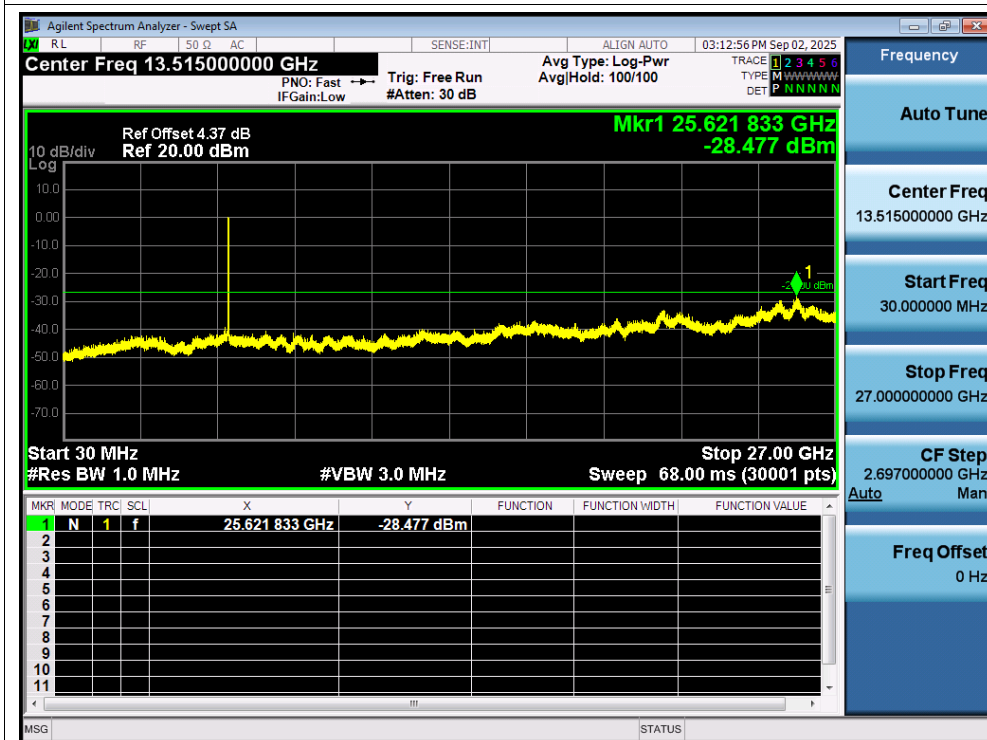
Tx. Spurious NVNT ac20 5825MHz AntA Emission



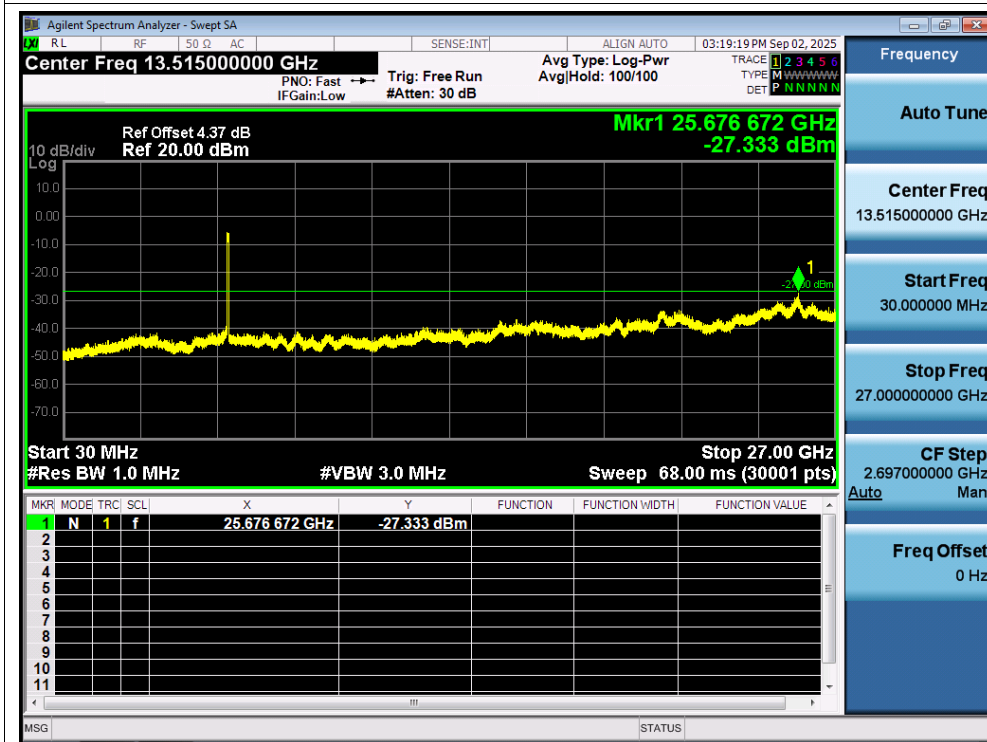
Tx. Spurious NVNT ac40 5755MHz AntA Emission



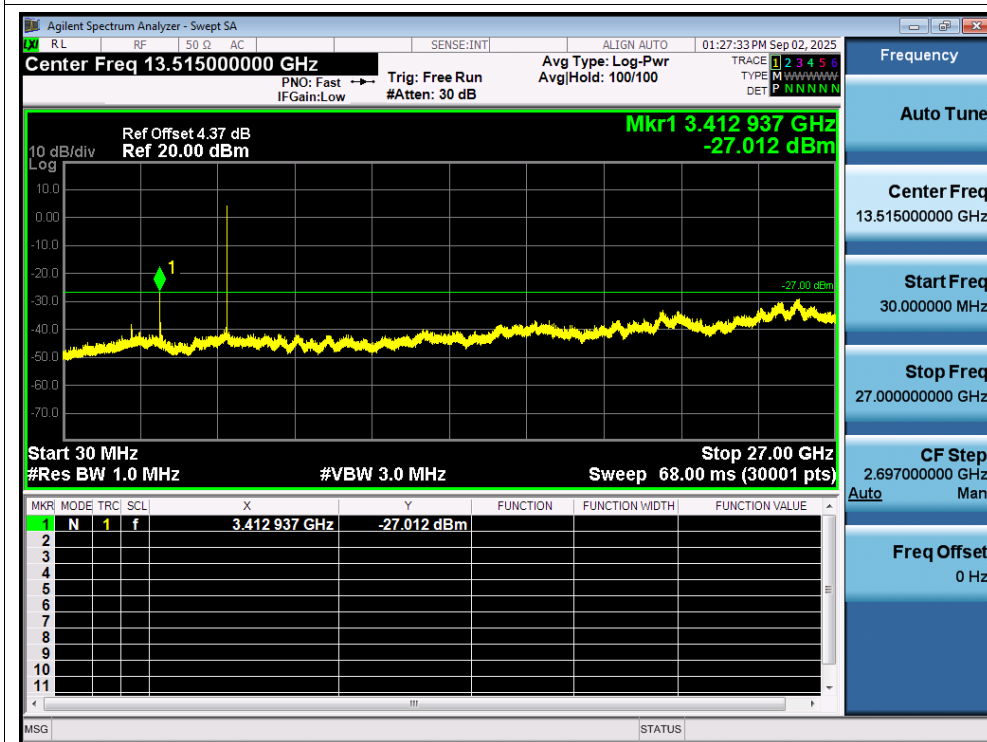
Tx. Spurious NVNT ac40 5795MHz AntA Emission



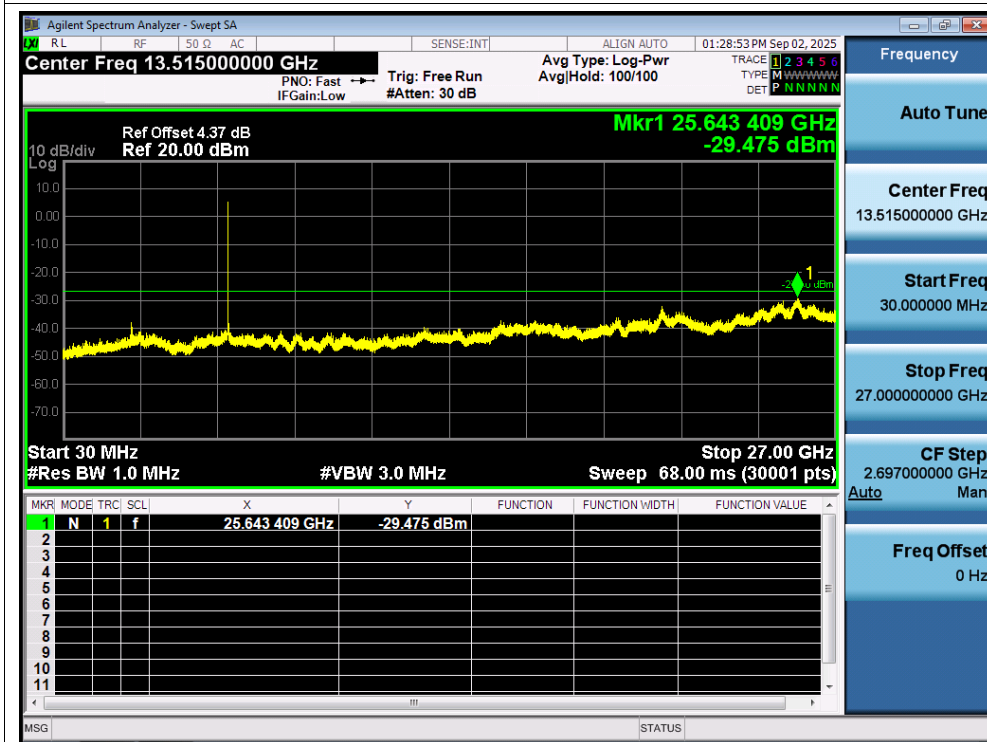
Tx. Spurious NVNT ac80 5775MHz AntA Emission



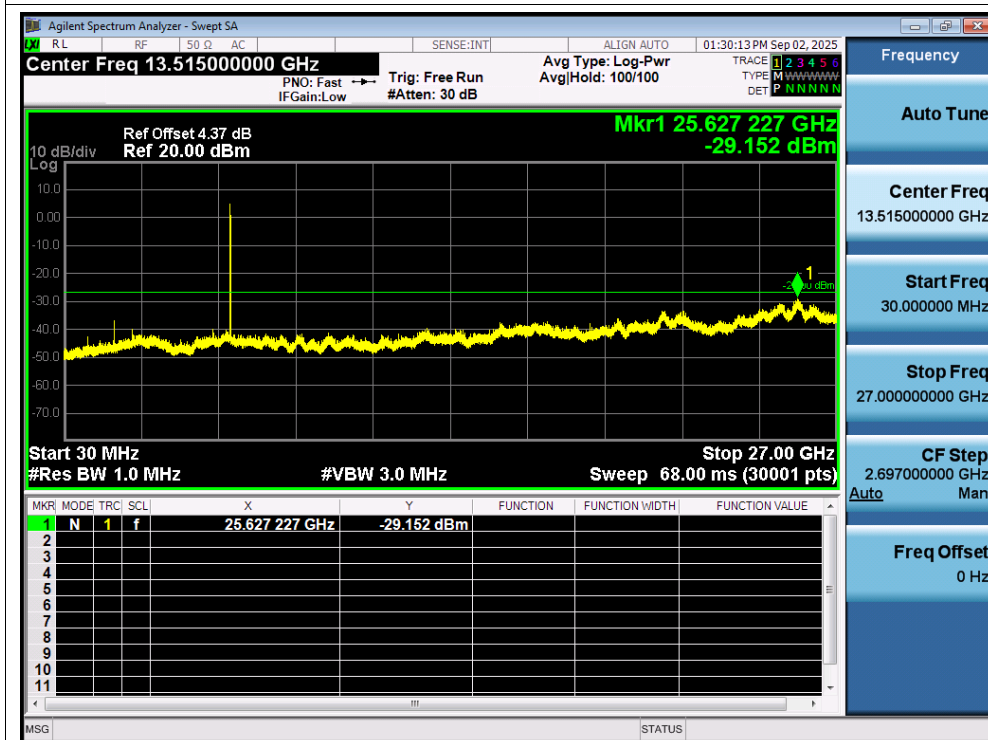
Tx. Spurious NVNT ax20 5745MHz AntA Emission



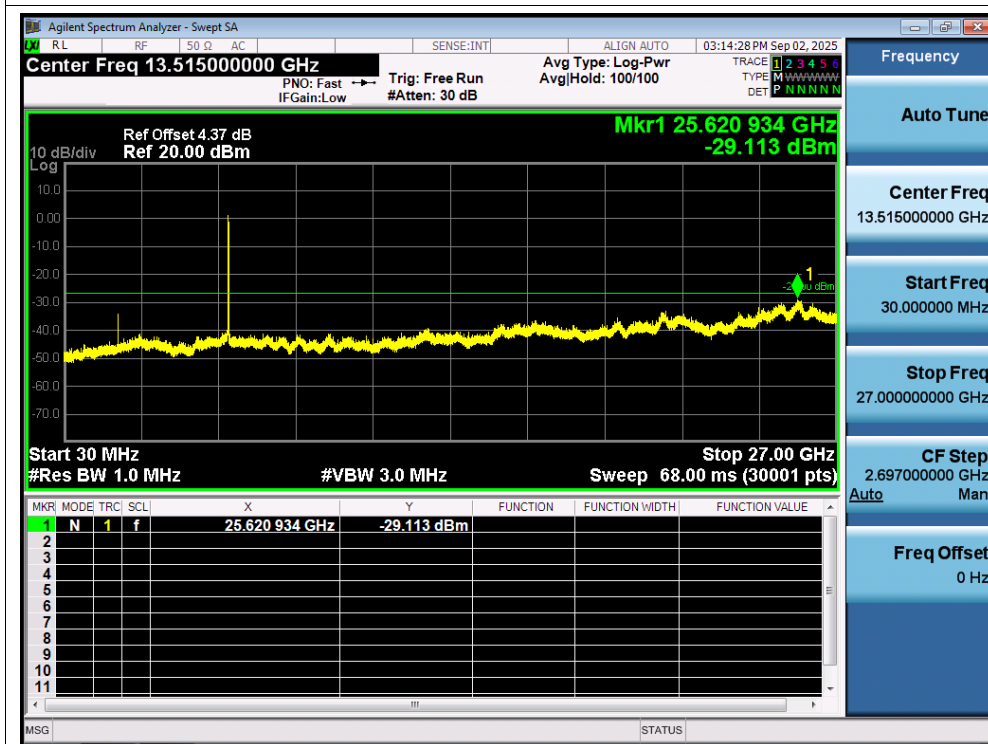
Tx. Spurious NVNT ax20 5785MHz AntA Emission



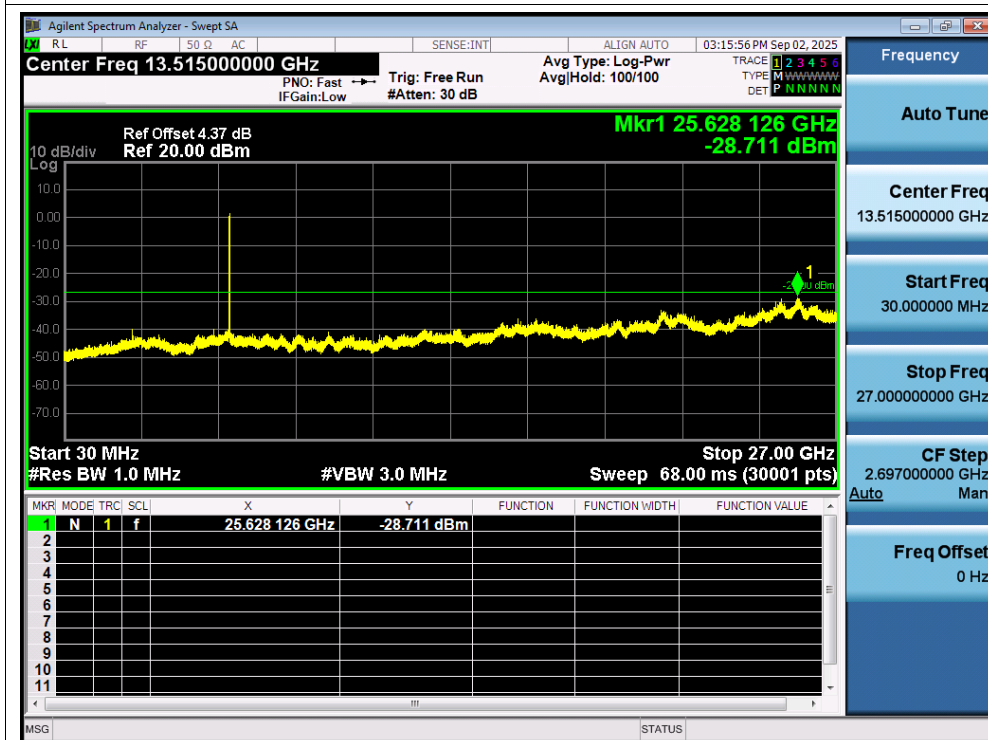
Tx. Spurious NVNT ax20 5825MHz AntA Emission



Tx. Spurious NVNT ax40 5755MHz AntA Emission



Tx. Spurious NVNT ax40 5795MHz AntA Emission



Tx. Spurious NVNT ax80 5775MHz AntA Emission

