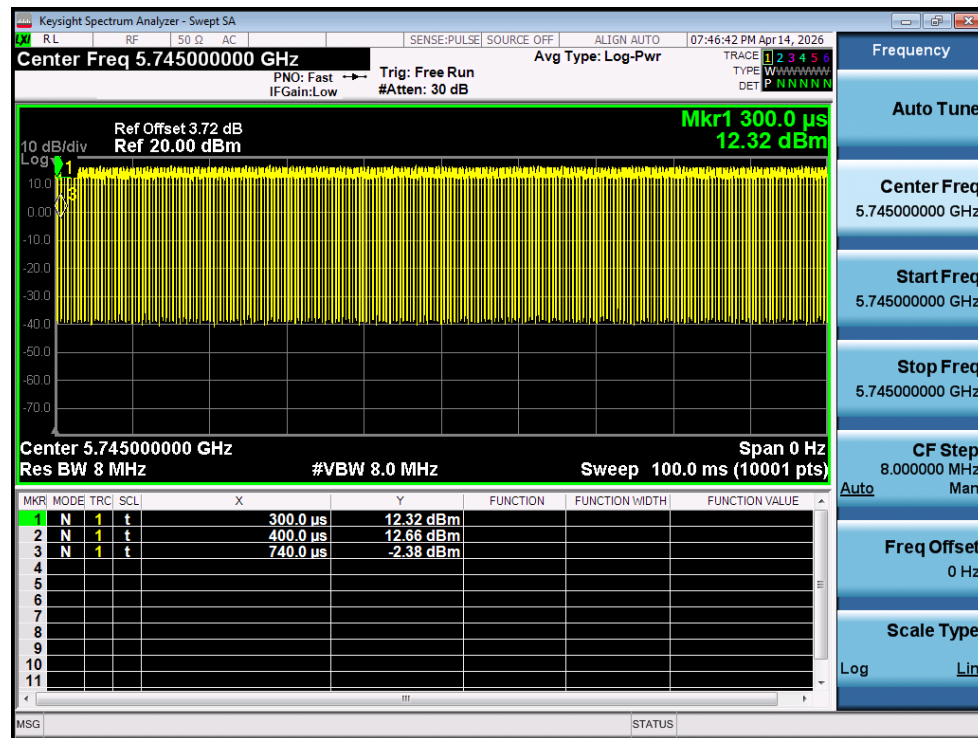


Duty Cycle

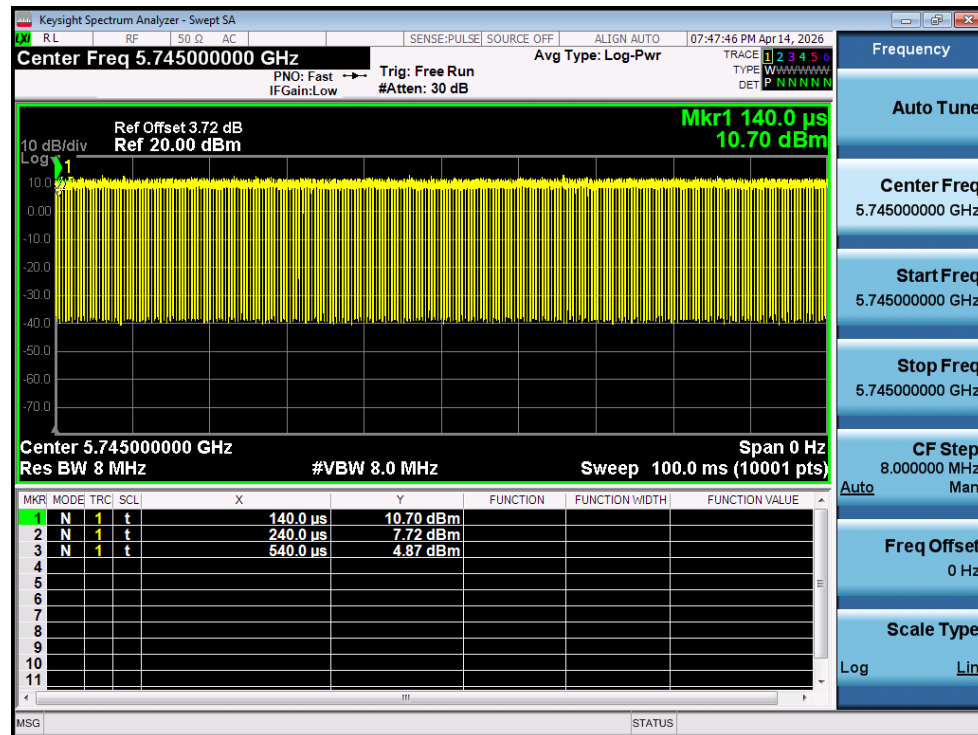
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	AntB	77.27	1.12	2.94
	n20			75	1.25	3.33
	n40	5755		59.26	2.27	6.25
	ac20	5745		75	1.25	3.33
	ac40	5755		62.96	2.01	5.88
	ac80	5775		50	3.01	10
	ax20	5745		72.97	1.37	3.7
	ax40	5755		59.26	2.27	6.25
	ax80	5775		52.38	2.81	9.09

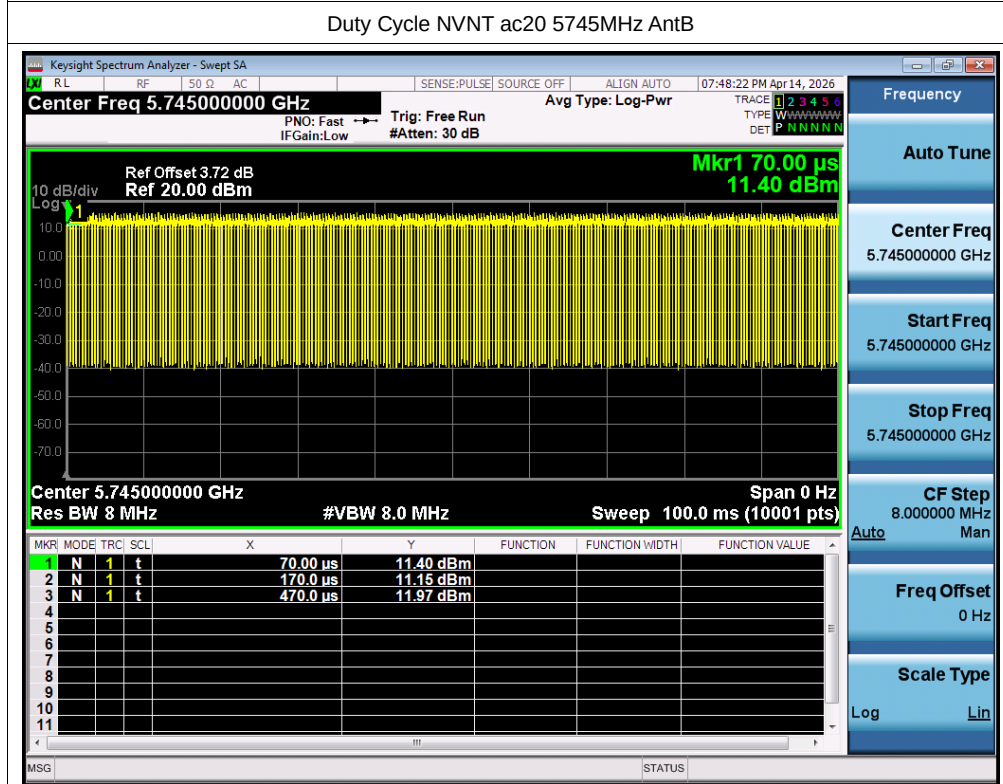
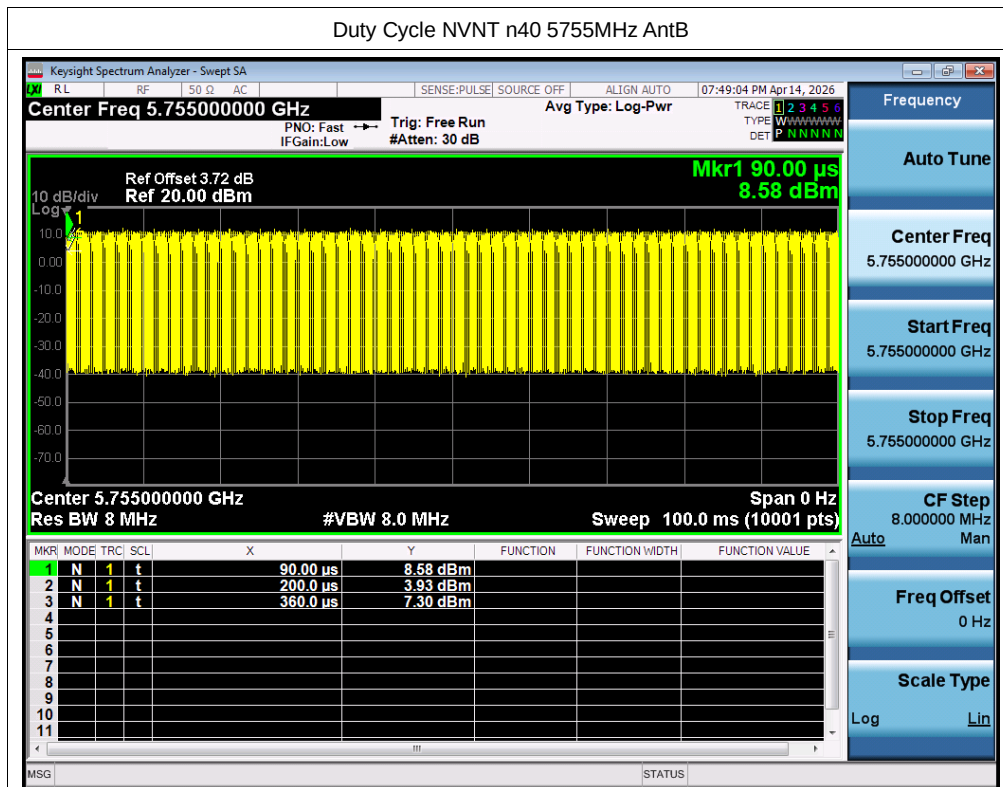
Test Graphs

Duty Cycle NVNT a 5745MHz AntB

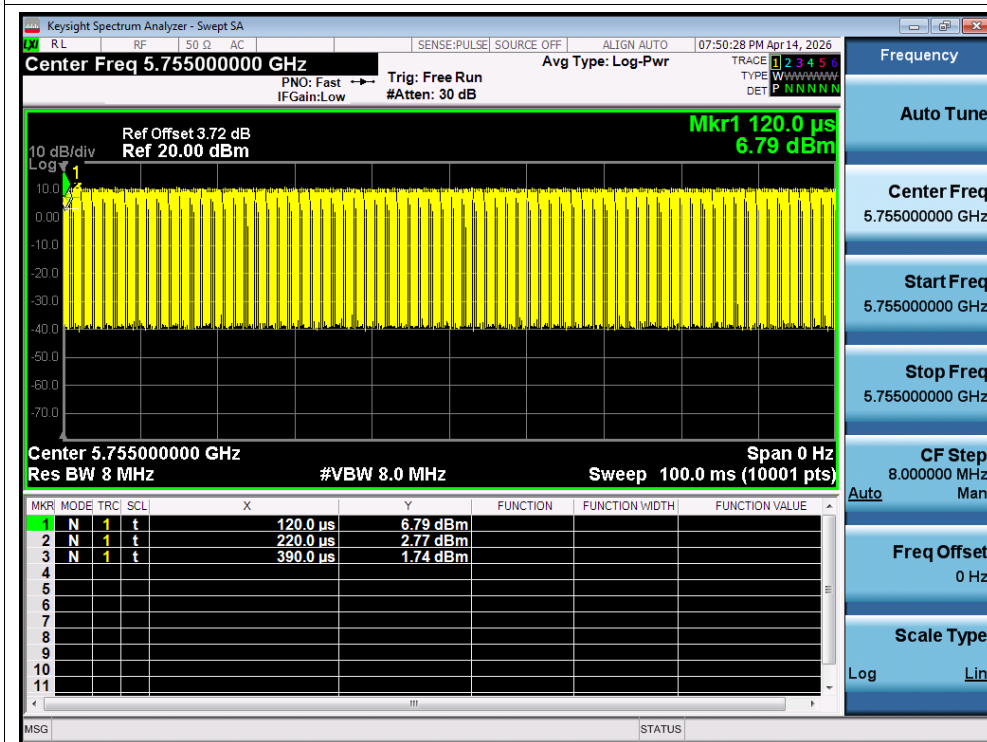


Duty Cycle NVNT n20 5745MHz AntB

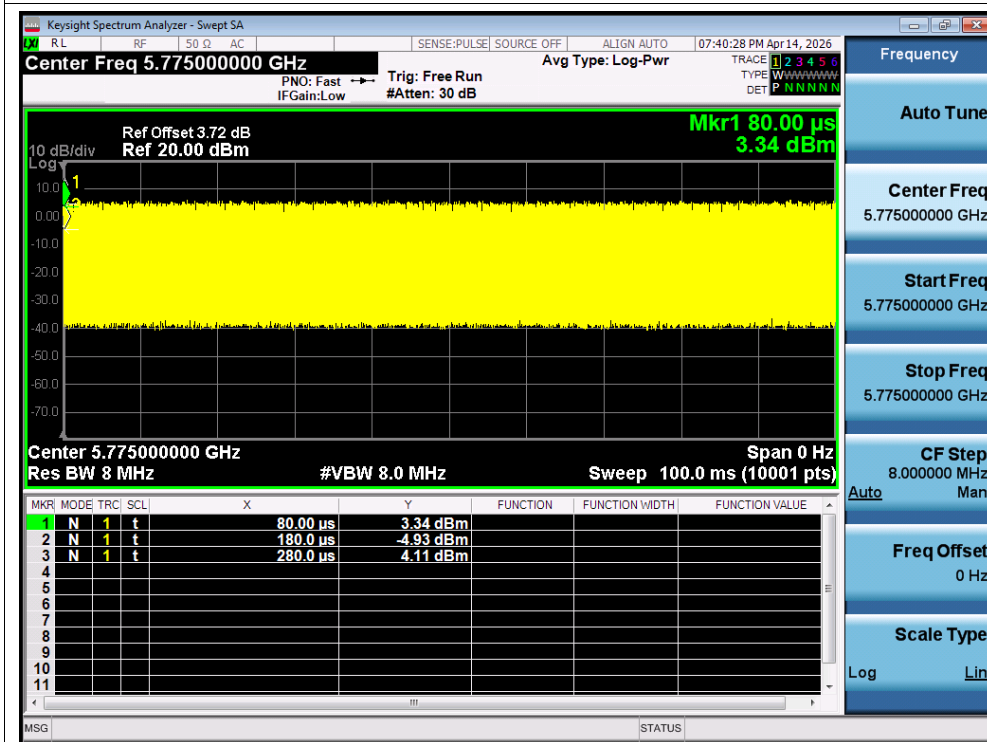




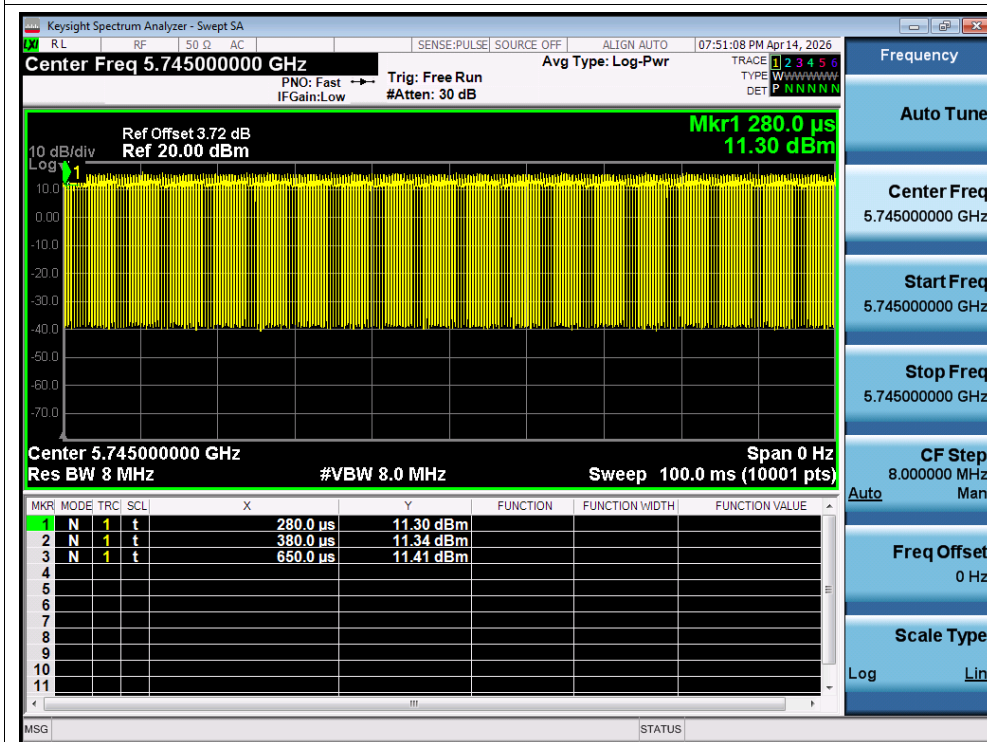
Duty Cycle NVNT ac40 5755MHz AntB



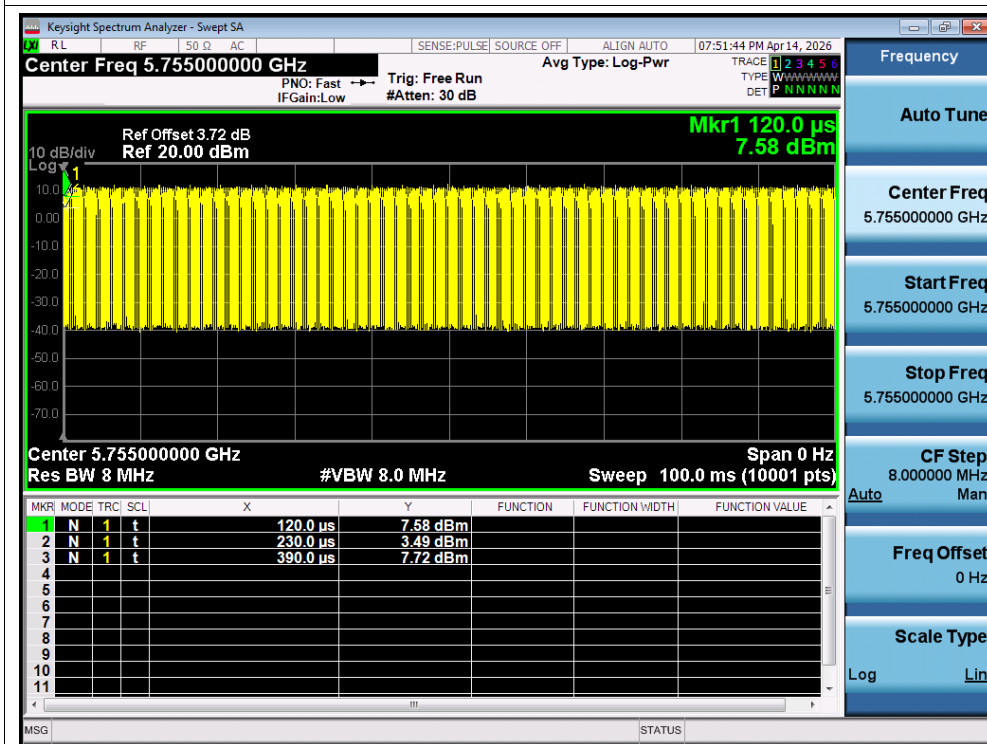
Duty Cycle NVNT ac80 5775MHz AntB

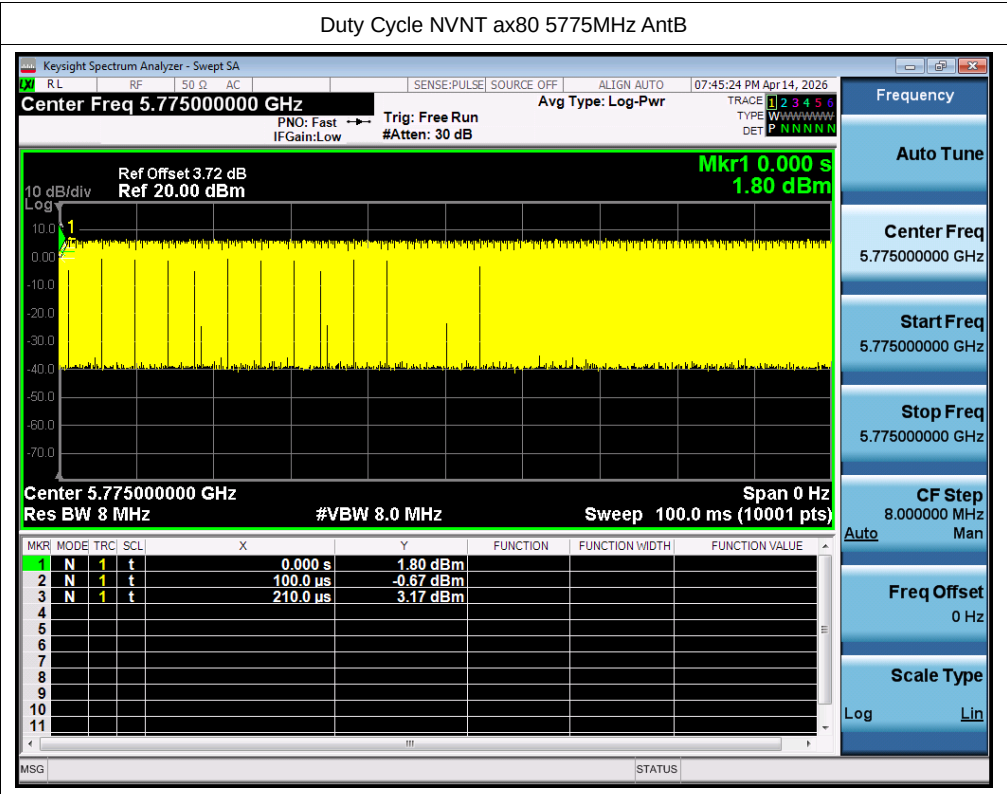


Duty Cycle NVNT ax20 5745MHz AntB



Duty Cycle NVNT ax40 5755MHz AntB





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	AntB	12.8	1.12	13.92	30	Pass
NVNT	a	5785	AntB	12.37	1.12	13.49	30	Pass
NVNT	a	5825	AntB	12.24	1.12	13.36	30	Pass
NVNT	n20	5745	AntB	11.68	1.25	12.93	30	Pass
NVNT	n20	5785	AntB	11.21	1.25	12.46	30	Pass
NVNT	n20	5825	AntB	11.09	1.25	12.34	30	Pass
NVNT	n40	5755	AntB	9.77	2.27	12.04	30	Pass
NVNT	n40	5795	AntB	9.2	2.27	11.47	30	Pass
NVNT	ac20	5745	AntB	11.68	1.25	12.93	30	Pass
NVNT	ac20	5785	AntB	11.2	1.25	12.45	30	Pass
NVNT	ac20	5825	AntB	11.12	1.25	12.37	30	Pass
NVNT	ac40	5755	AntB	9.65	2.01	11.66	30	Pass
NVNT	ac40	5795	AntB	9.26	2.01	11.27	30	Pass
NVNT	ac80	5775	AntB	8.42	3.01	11.43	30	Pass
NVNT	ax20	5745	AntB	11.49	1.37	12.86	30	Pass
NVNT	ax20	5785	AntB	11.07	1.37	12.44	30	Pass
NVNT	ax20	5825	AntB	11.01	1.37	12.38	30	Pass
NVNT	ax40	5755	AntB	9.61	2.27	11.88	30	Pass
NVNT	ax40	5795	AntB	9.28	2.27	11.55	30	Pass
NVNT	ax80	5775	AntB	8.84	2.81	11.65	30	Pass

Mode	Channel	Frequency (MHz)	Conducted Power (dBm)			Limit (dBm)	Result
			ANT A	ANT B	Total		
NVNT	a	5745	13.46	13.92	/	24	Pass
NVNT	a	5785	12.85	13.49	/	24	Pass
NVNT	a	5825	12.86	13.36	/	24	Pass
NVNT	n20	5745	12.53	12.93	15.74	24	Pass
NVNT	n20	5785	12.08	12.46	15.28	24	Pass
NVNT	n20	5825	12.06	12.34	15.21	24	Pass
NVNT	n40	5755	11.19	12.04	14.65	24	Pass
NVNT	n40	5795	10.92	11.47	14.21	24	Pass
NVNT	ac20	5745	12.38	12.93	15.67	24	Pass
NVNT	ac20	5785	11.95	12.45	15.22	24	Pass
NVNT	ac20	5825	11.94	12.37	15.17	24	Pass
NVNT	ac40	5755	11.12	11.66	14.41	24	Pass
NVNT	ac40	5795	10.72	11.27	14.01	24	Pass
NVNT	ac80	5775	11.07	11.43	14.26	24	Pass
NVNT	ax20	5745	12.39	12.86	15.64	24	Pass
NVNT	ax20	5785	12.02	12.44	15.25	24	Pass
NVNT	ax20	5825	11.92	12.38	15.17	24	Pass
NVNT	ax40	5755	11.17	11.88	14.55	24	Pass
NVNT	ax40	5795	10.96	11.55	14.28	24	Pass
NVNT	ax80	5775	11.45	11.65	14.56	24	Pass

Note:

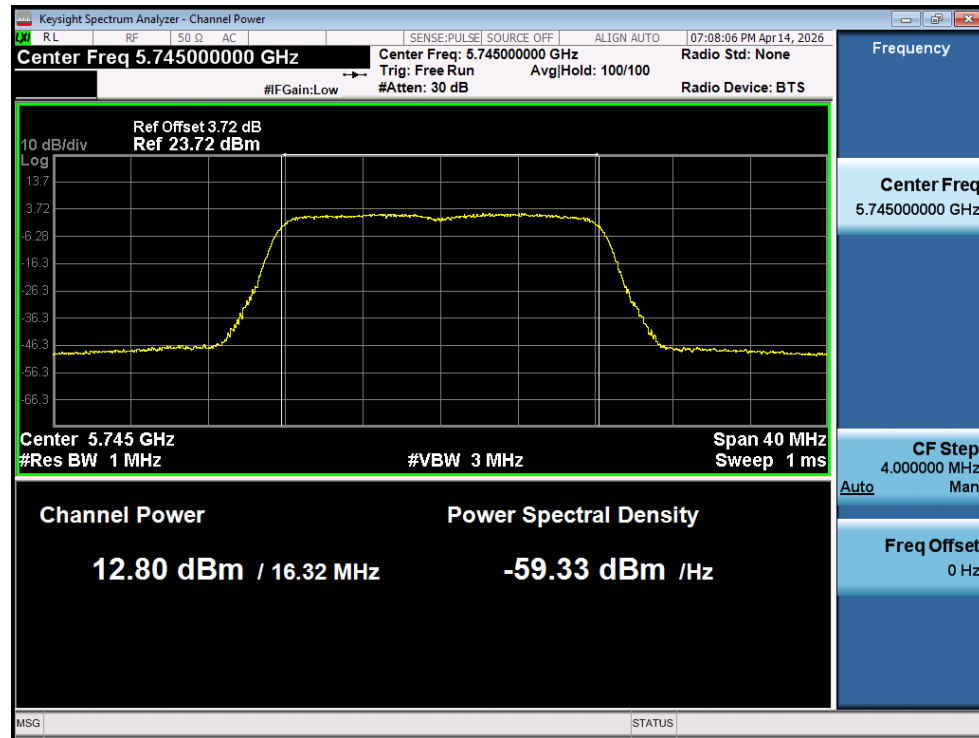
For power measurements,

The Array gain=0 for NANT≤4,

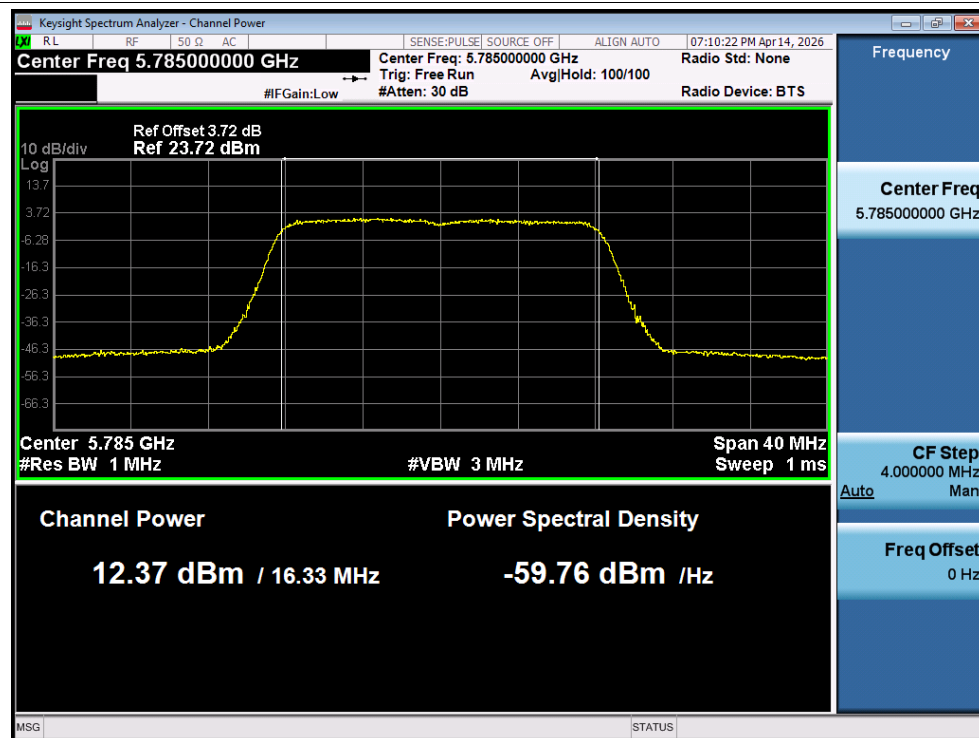
So the directional gain for Power measurements is 1.88 dBi.

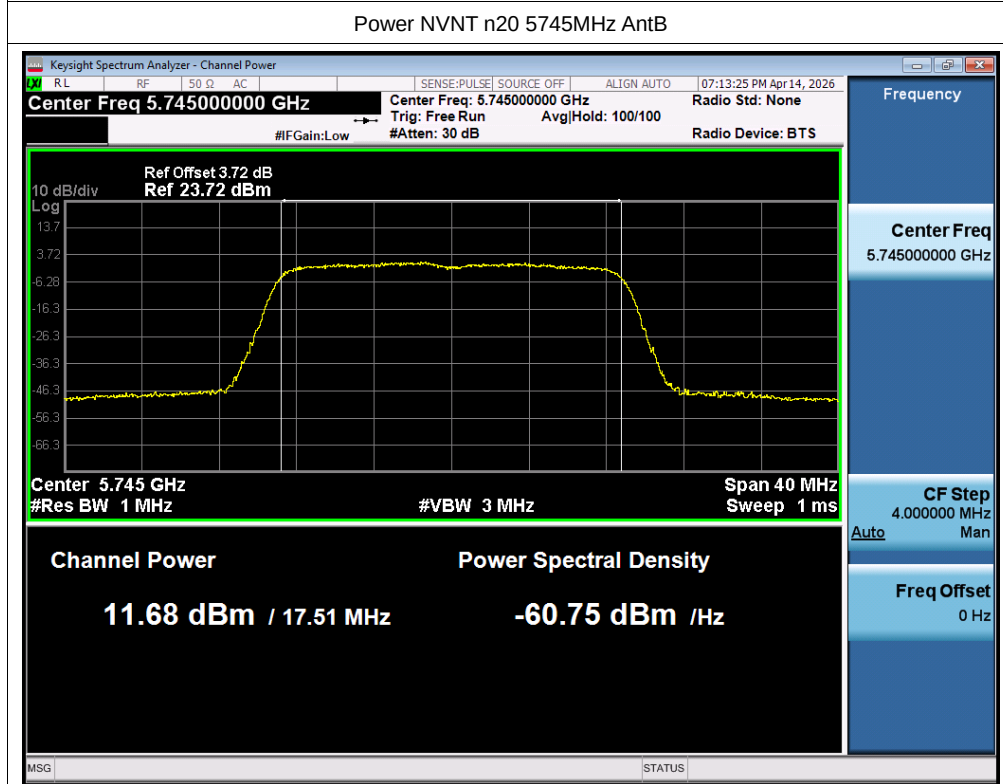
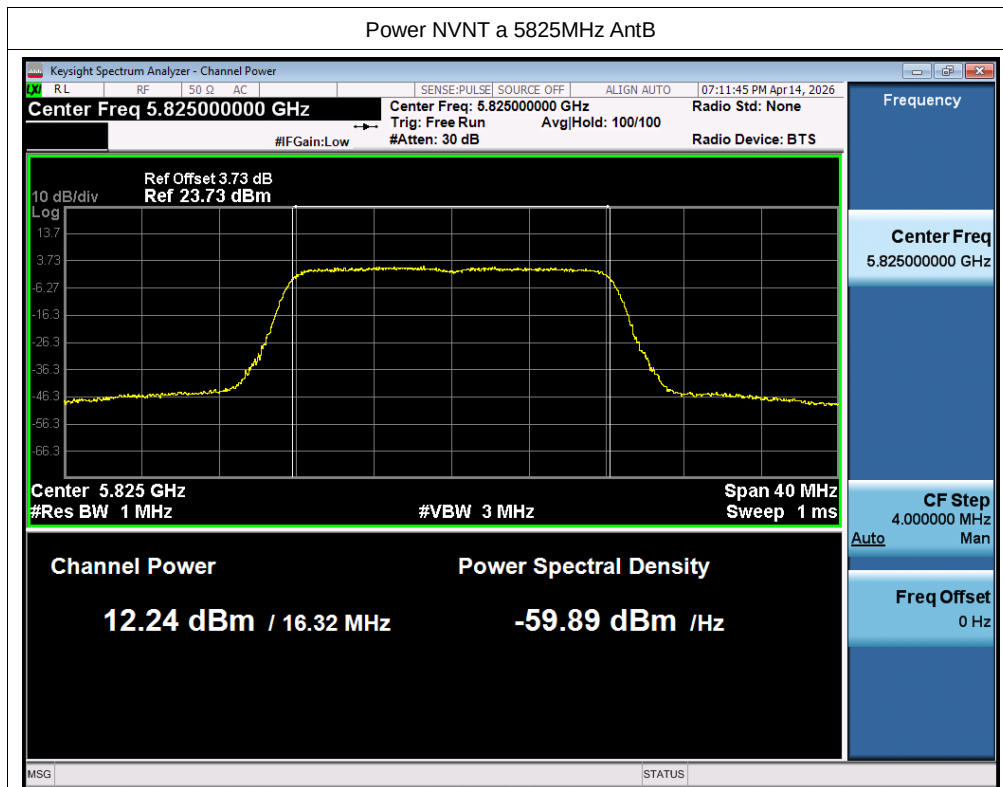
Test Graphs

Power NVNT a 5745MHz AntB

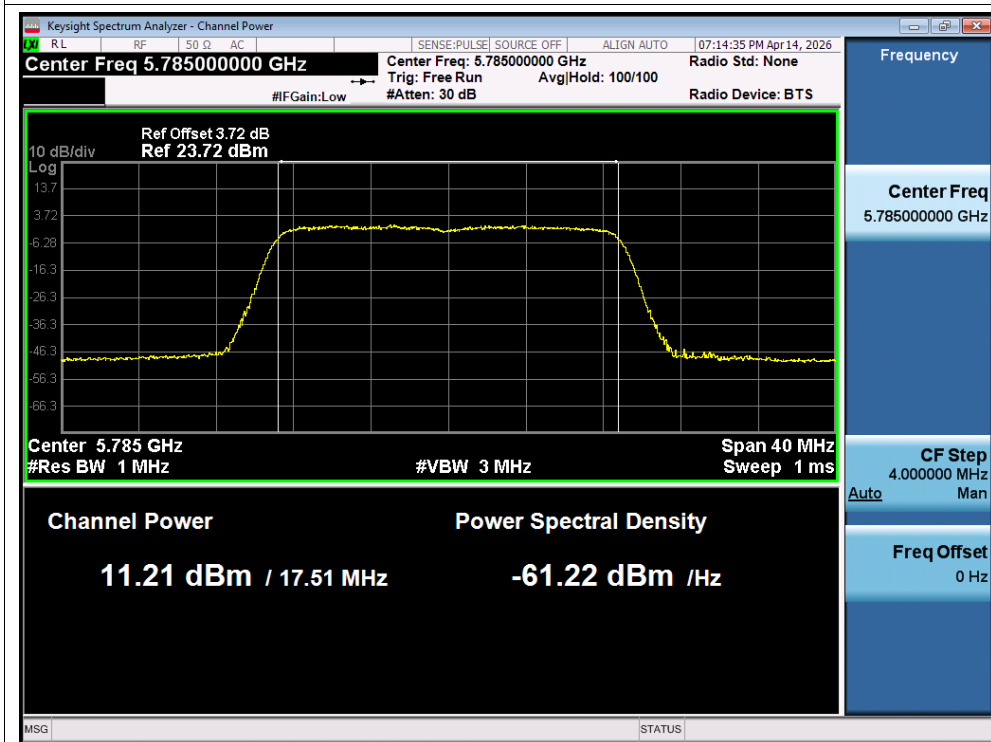


Power NVNT a 5785MHz AntB

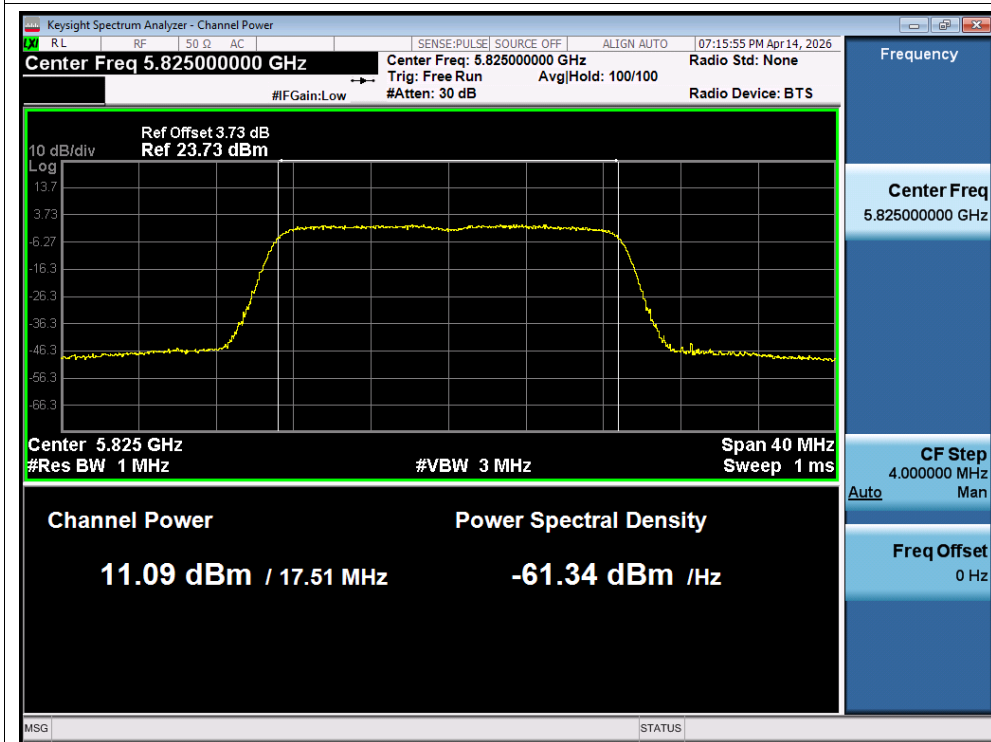




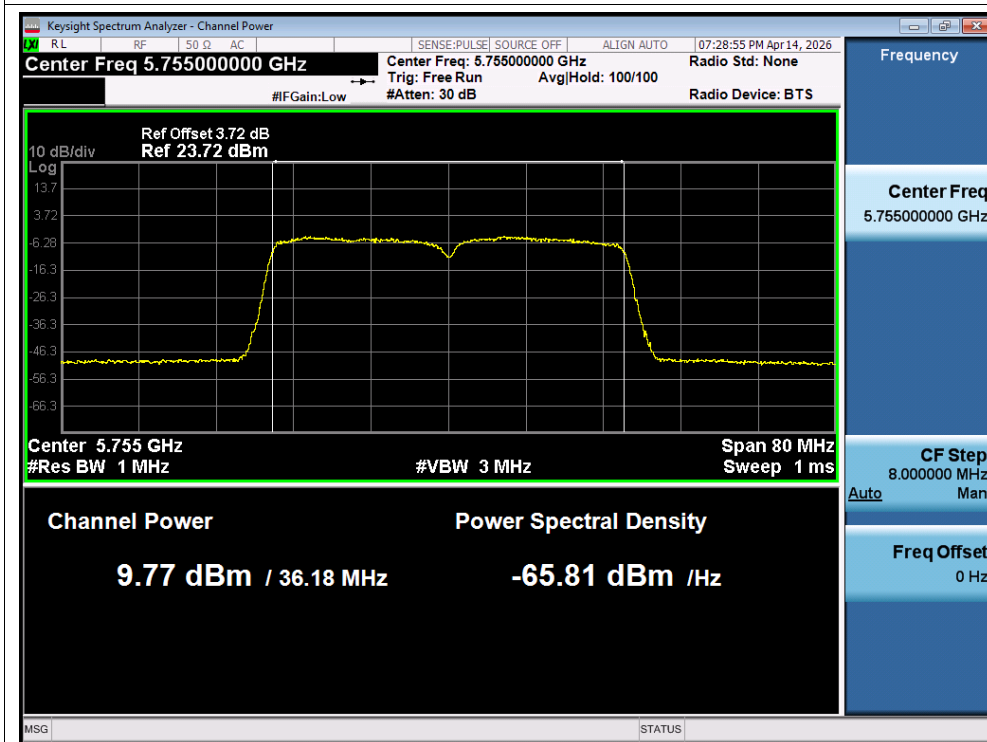
Power NVNT n20 5785MHz AntB



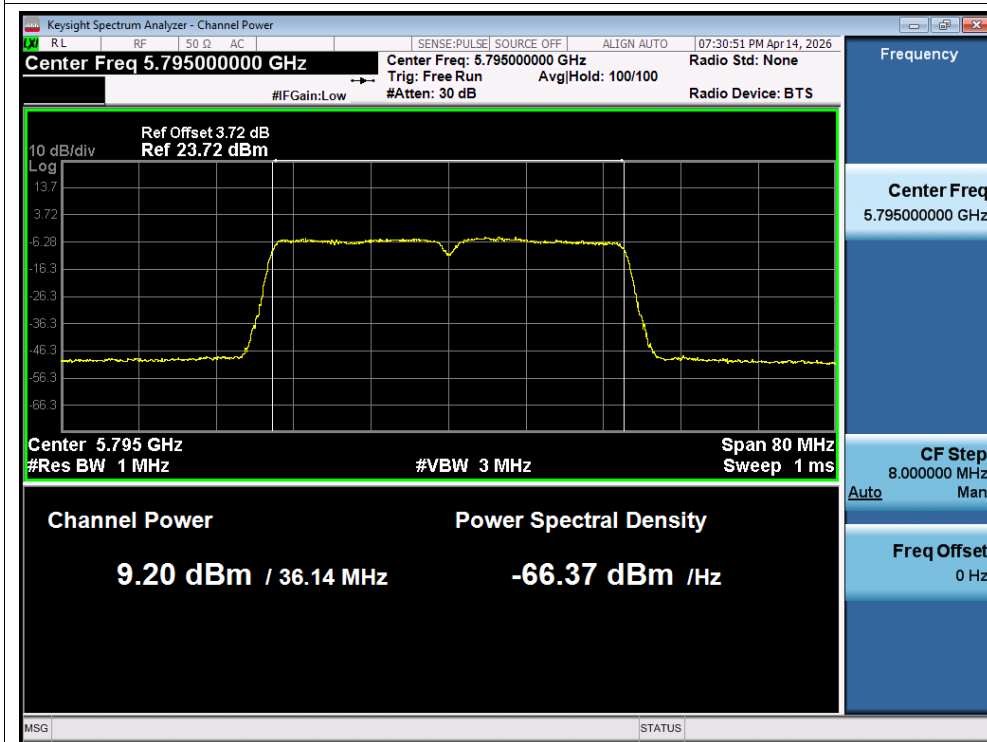
Power NVNT n20 5825MHz AntB



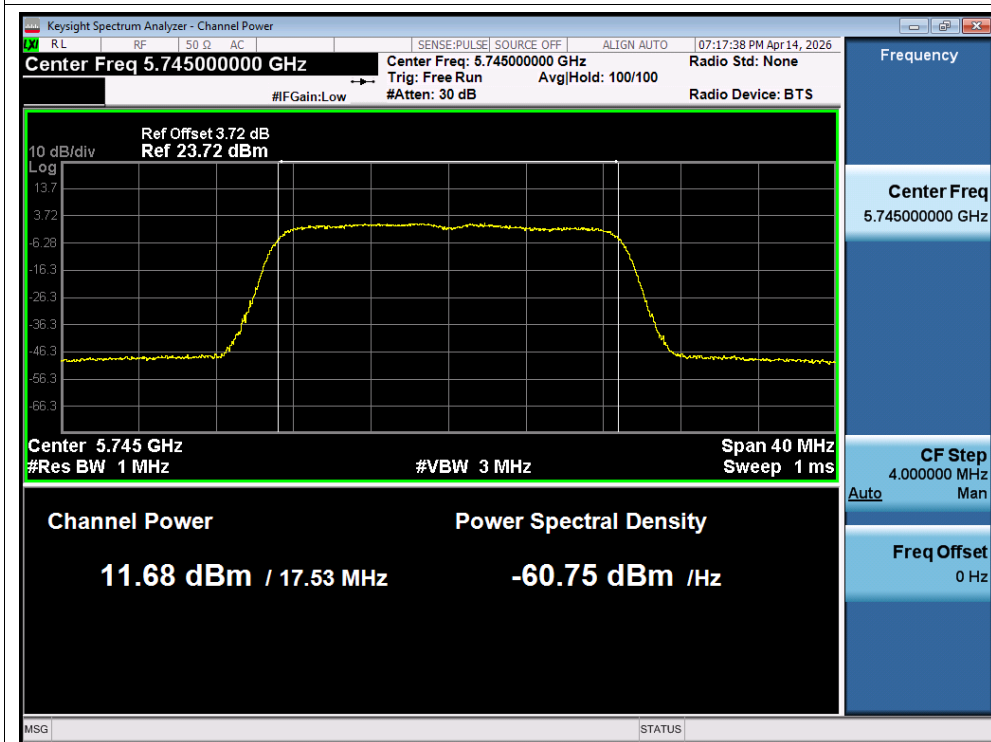
Power NVNT n40 5755MHz AntB



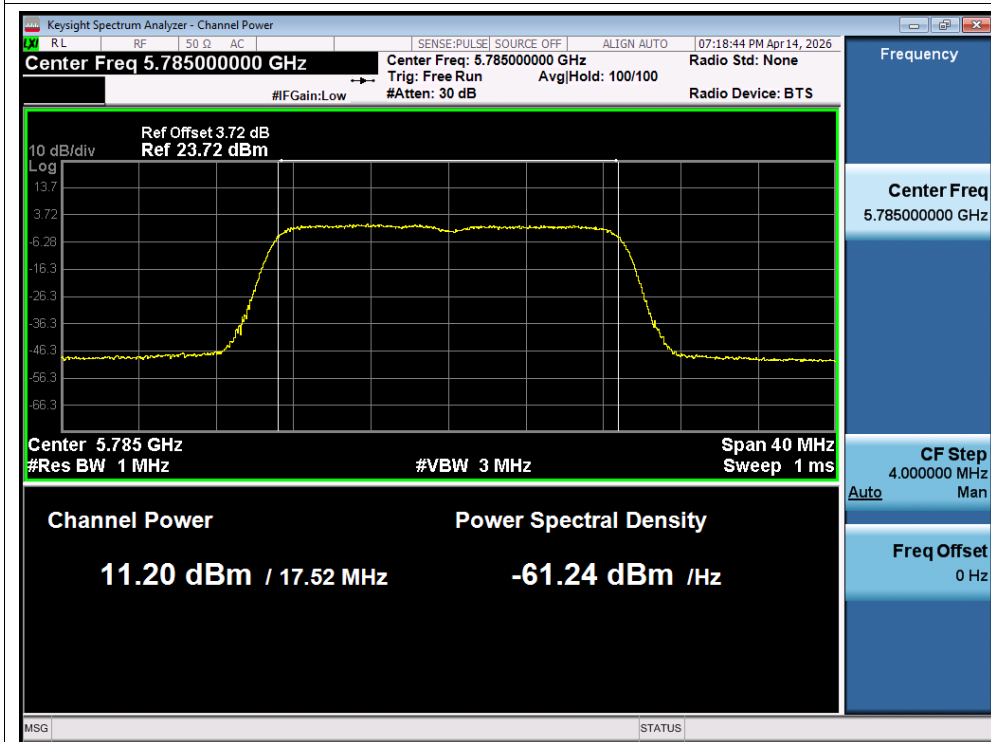
Power NVNT n40 5795MHz AntB



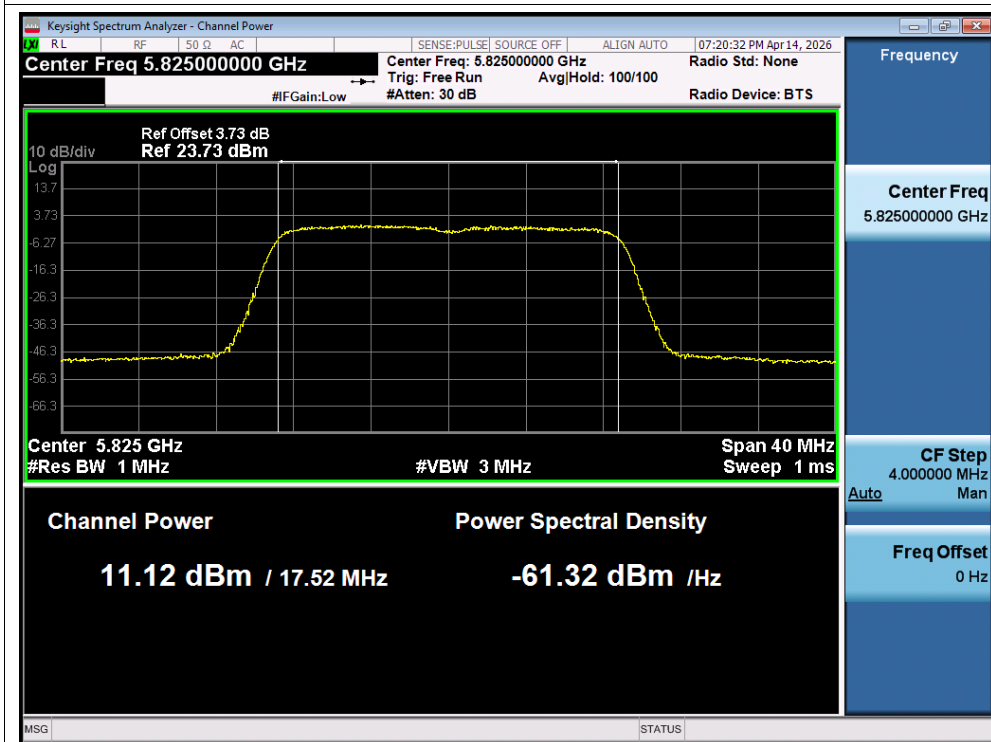
Power NVNT ac20 5745MHz AntB



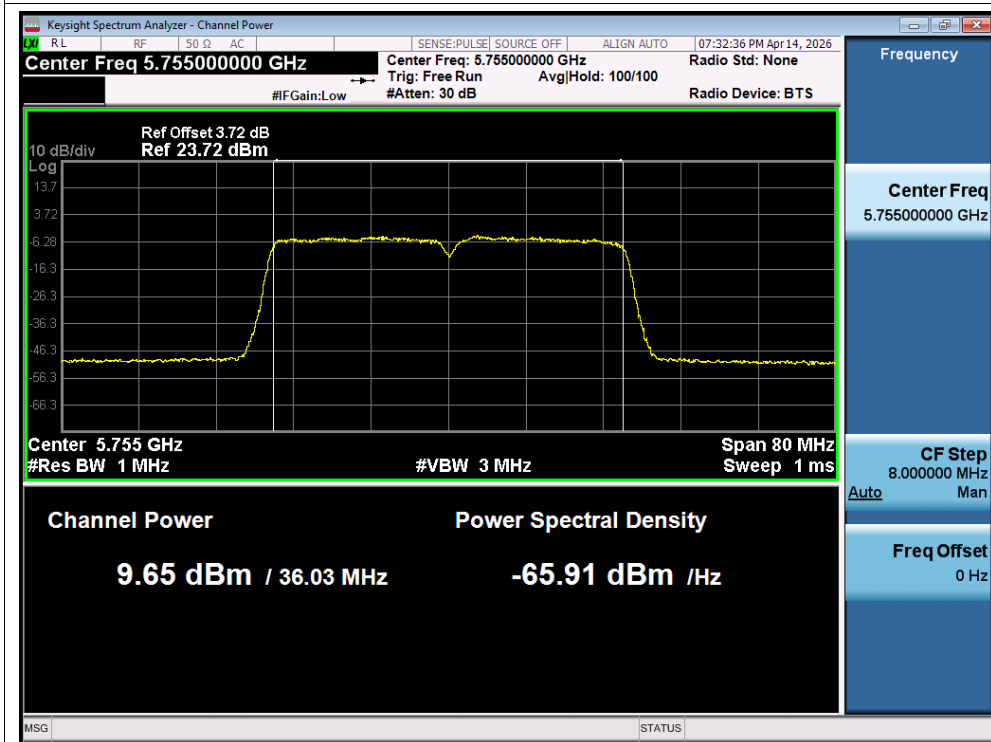
Power NVNT ac20 5785MHz AntB



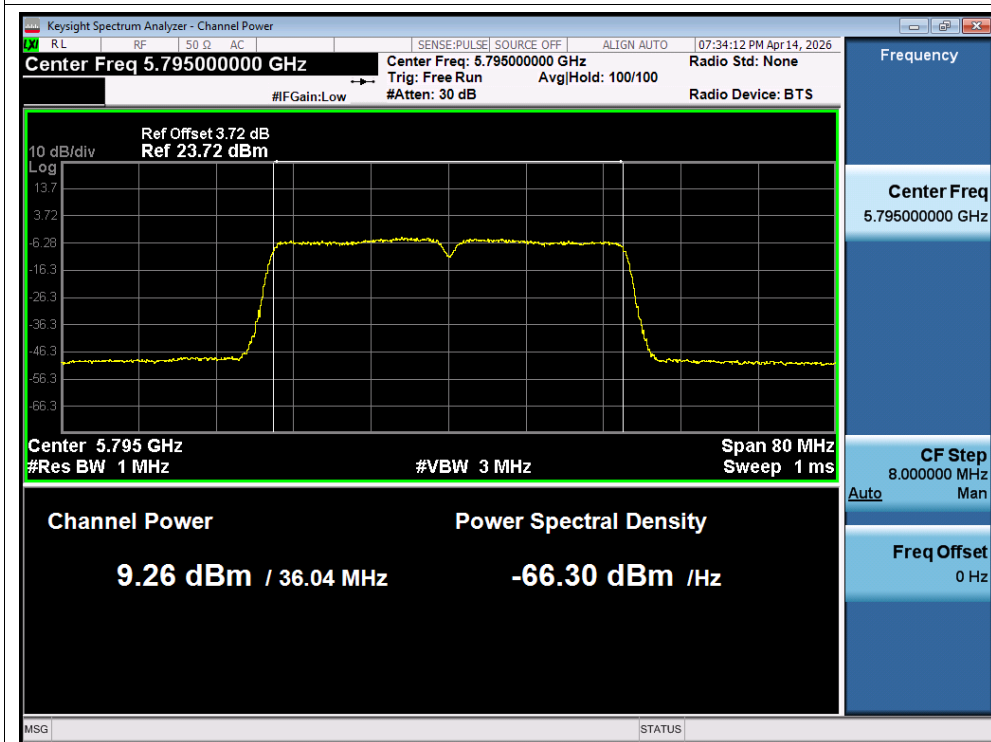
Power NVNT ac20 5825MHz AntB



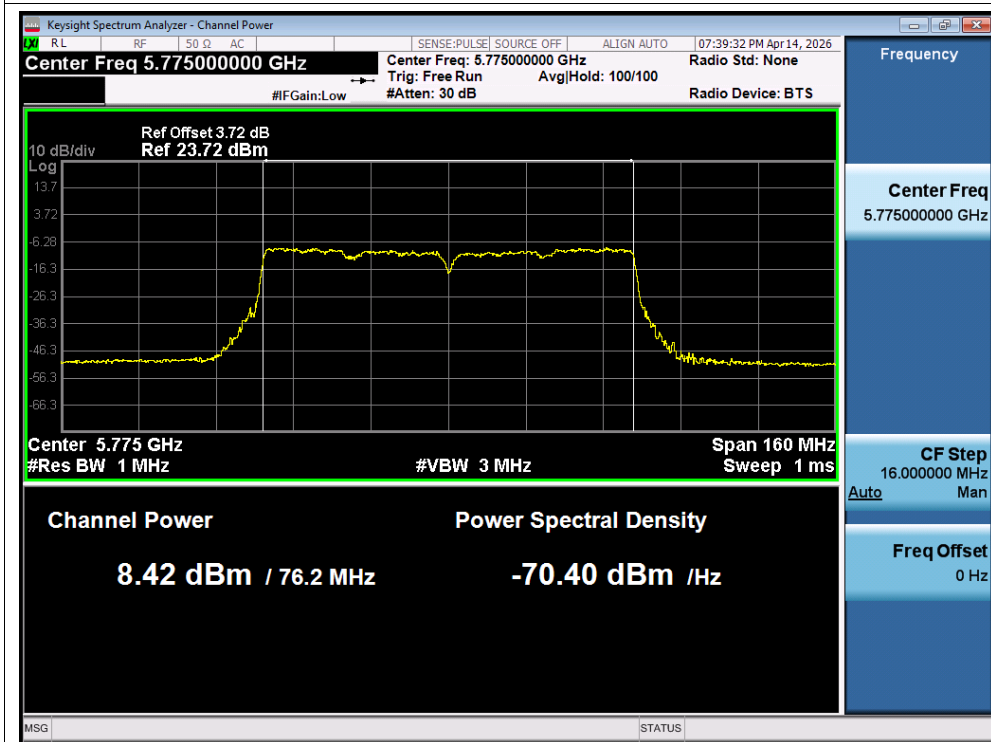
Power NVNT ac40 5755MHz AntB



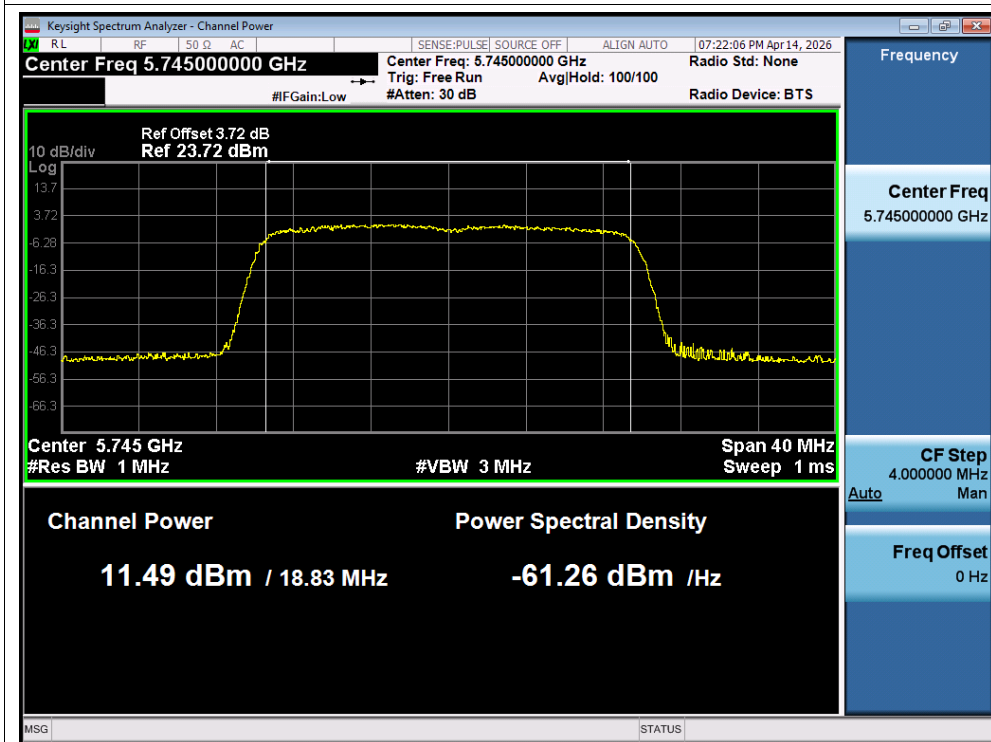
Power NVNT ac40 5795MHz AntB



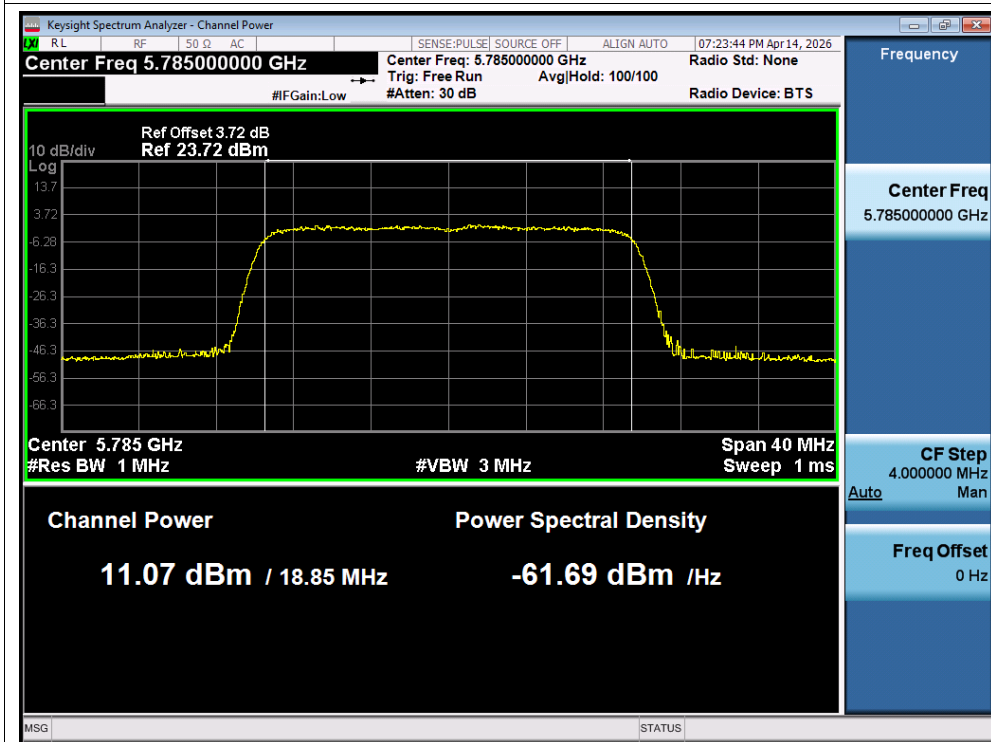
Power NVNT ac80 5775MHz AntB



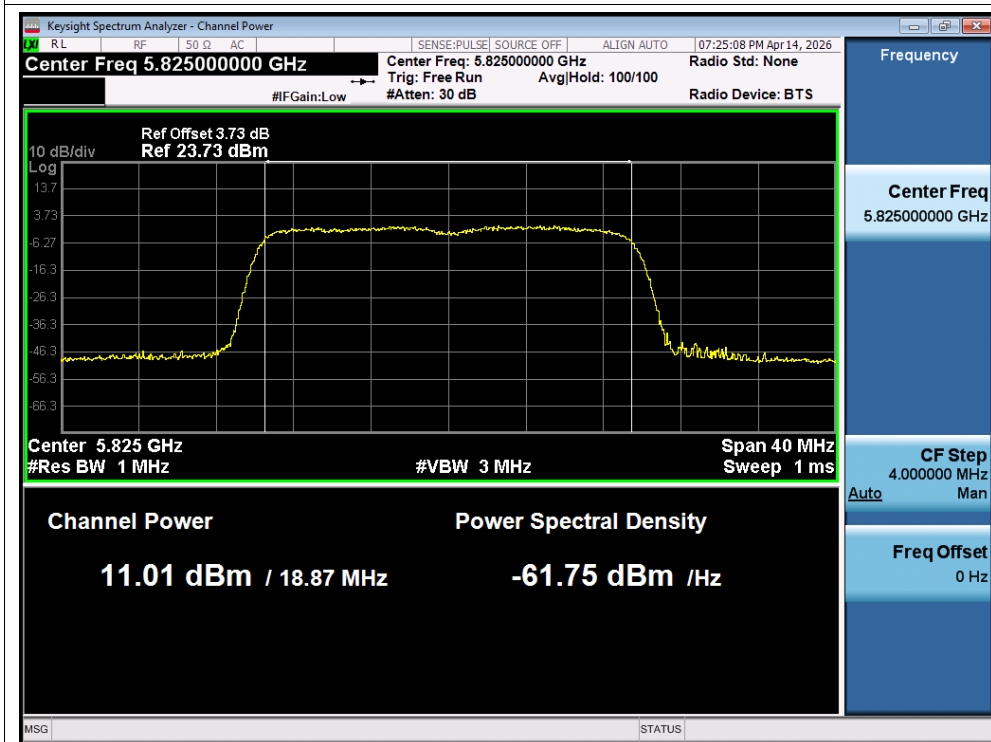
Power NVNT ax20 5745MHz AntB



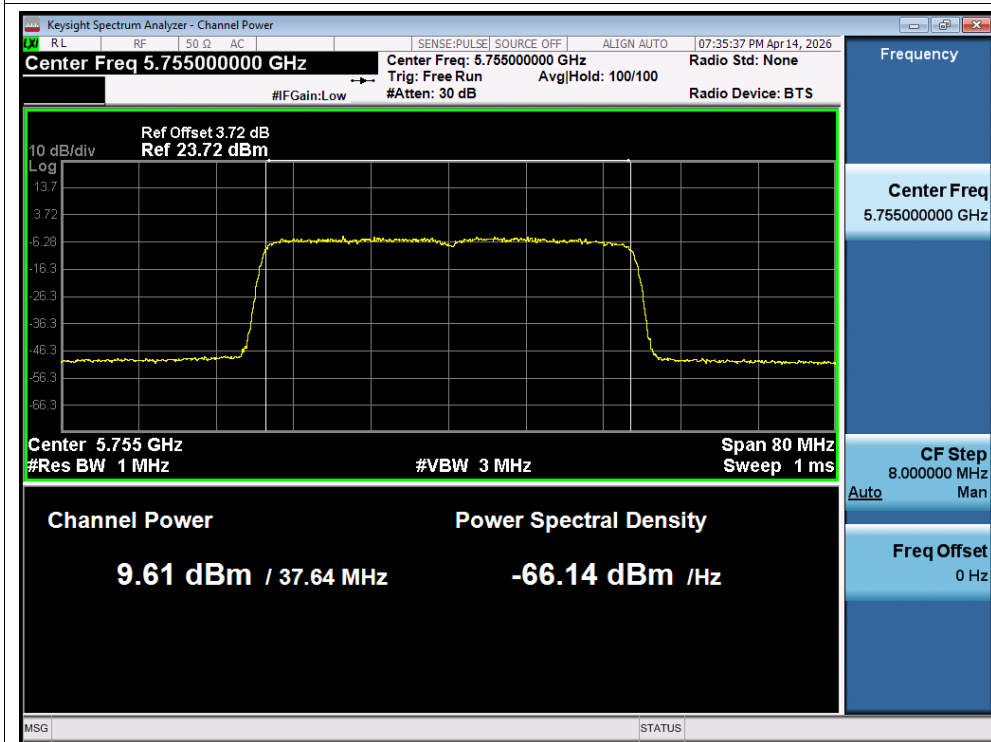
Power NVNT ax20 5785MHz AntB

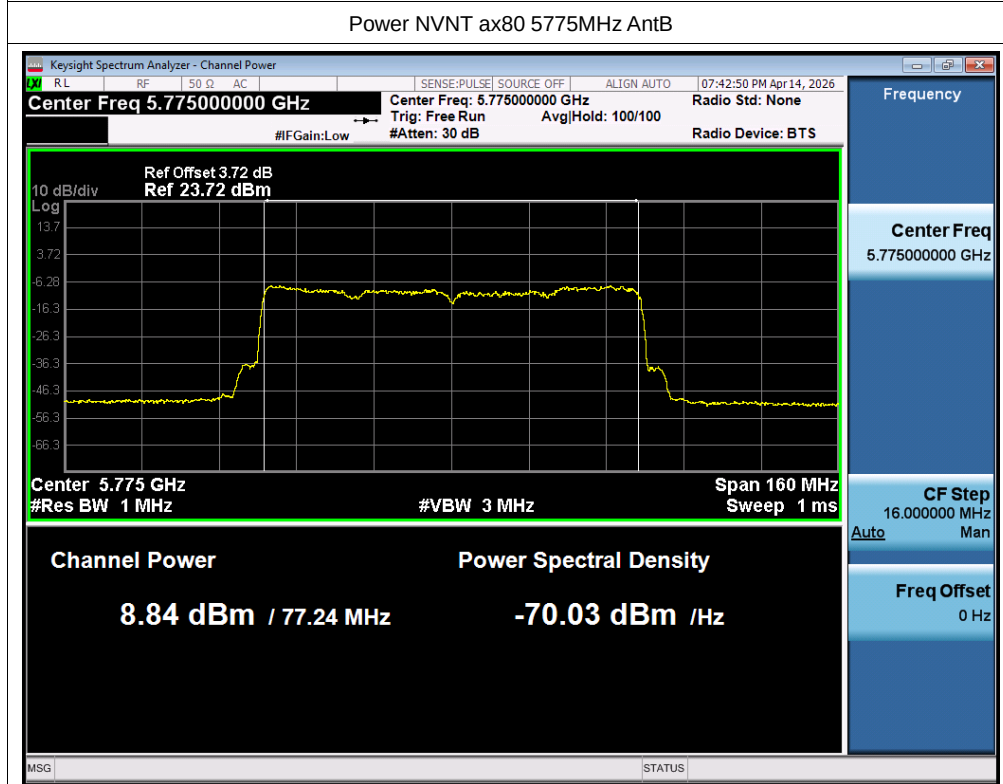
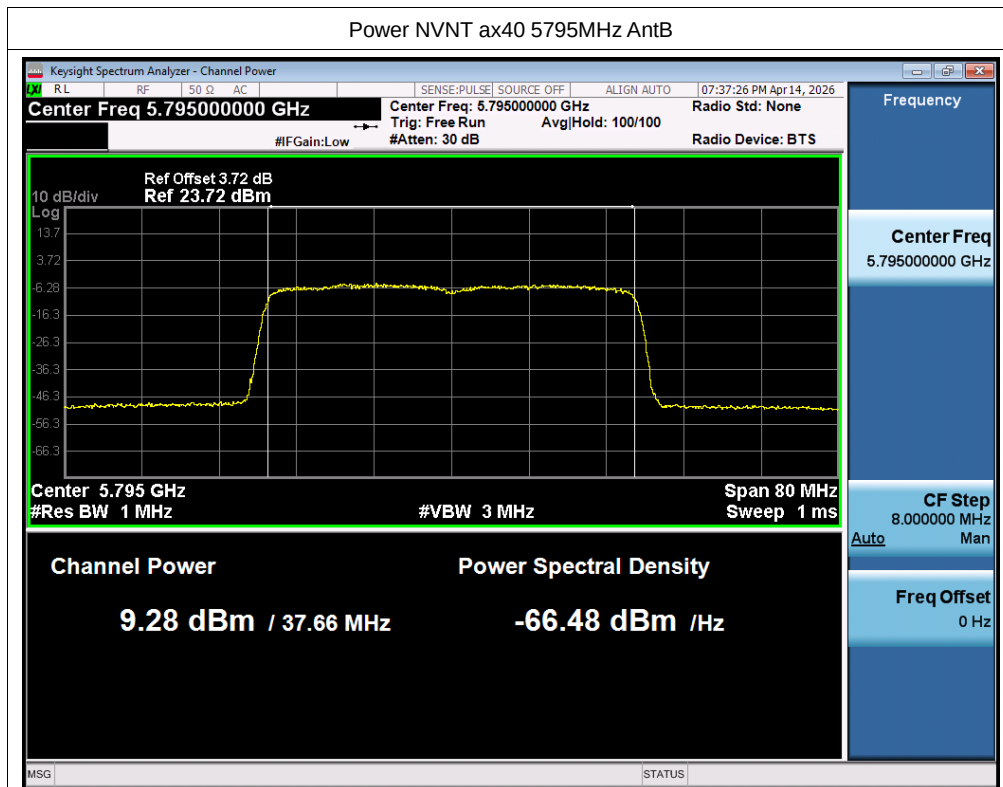


Power NVNT ax20 5825MHz AntB



Power NVNT ax40 5755MHz AntB



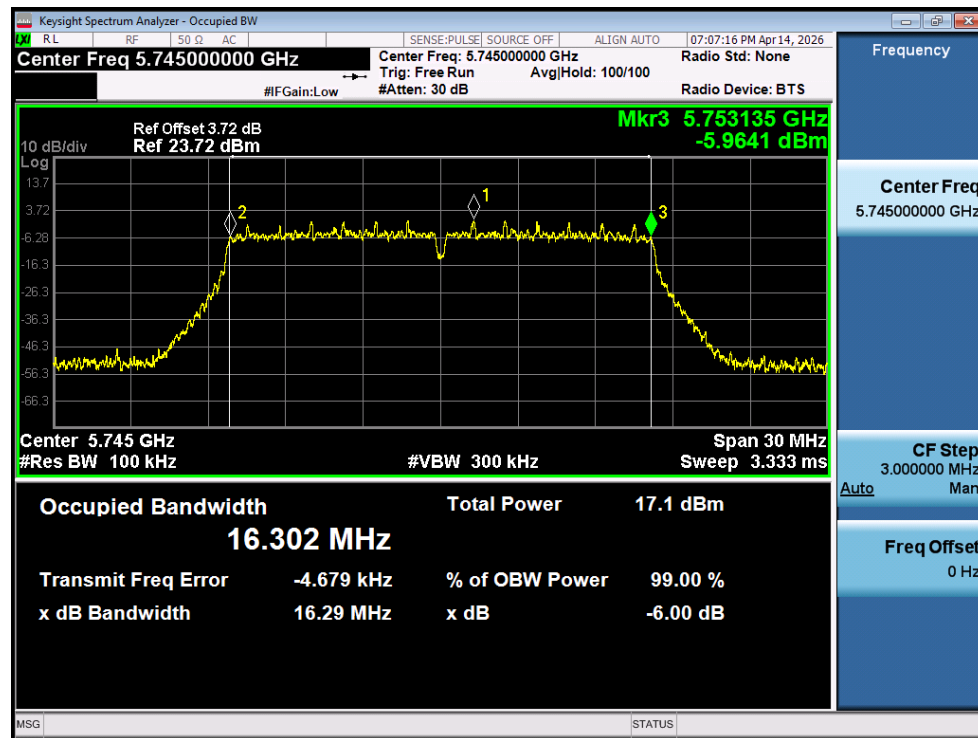


-6dB Bandwidth

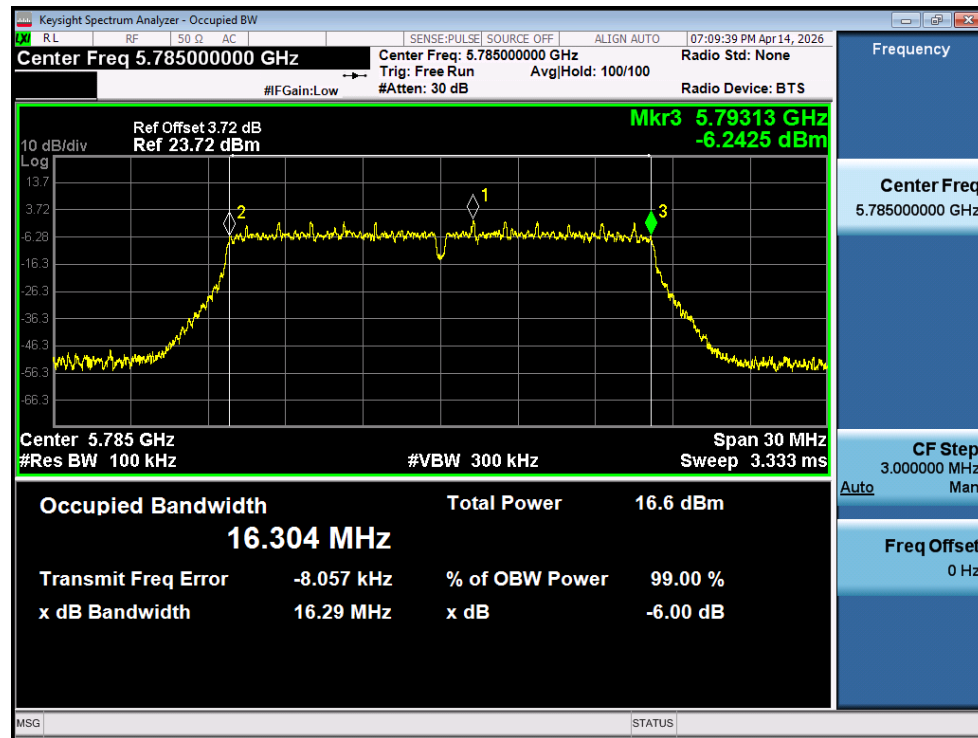
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	AntB	16.29	0.5	Pass
		5785		16.29	0.5	Pass
		5825		16.29	0.5	Pass
	n20	5745		17.23	0.5	Pass
		5785		17.38	0.5	Pass
		5825		16.86	0.5	Pass
	n40	5755		35.88	0.5	Pass
		5795		35.87	0.5	Pass
	ac20	5745		16.56	0.5	Pass
		5785		16.86	0.5	Pass
		5825		17.26	0.5	Pass
	ac40	5755		35.39	0.5	Pass
		5795		35.17	0.5	Pass
	ac80	5775		76.38	0.5	Pass
	ax20	5745		18.14	0.5	Pass
		5785		18.31	0.5	Pass
		5825		18.12	0.5	Pass
	ax40	5755		37.59	0.5	Pass
		5795		37.6	0.5	Pass
	ax80	5775		77.16	0.5	Pass

Test Graphs

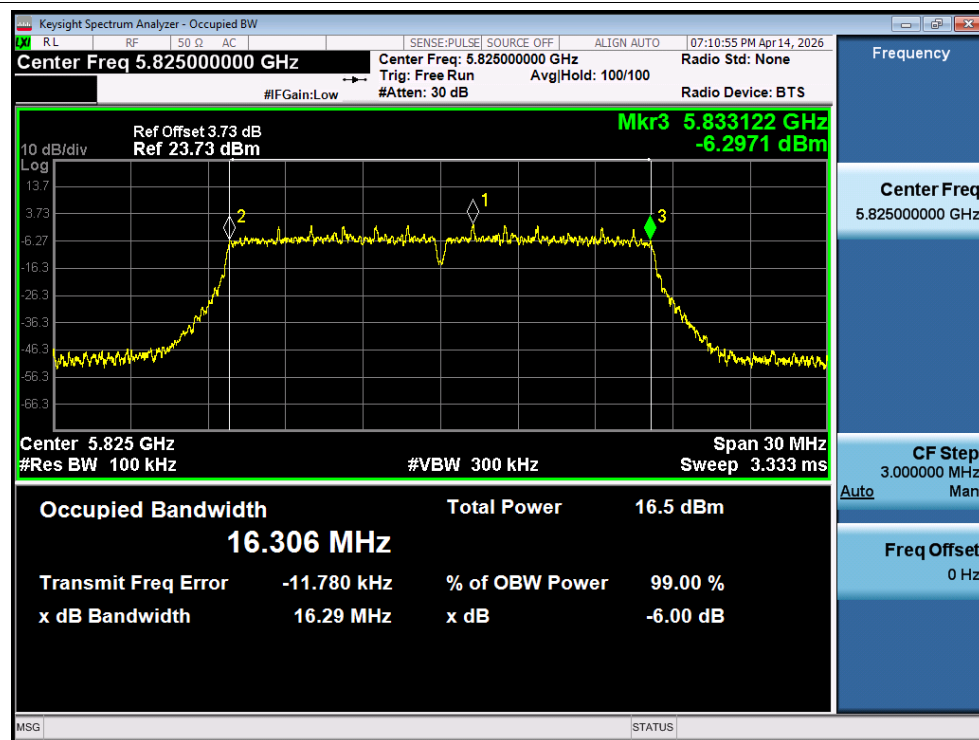
-6dB Bandwidth NVNT a 5745MHz AntB



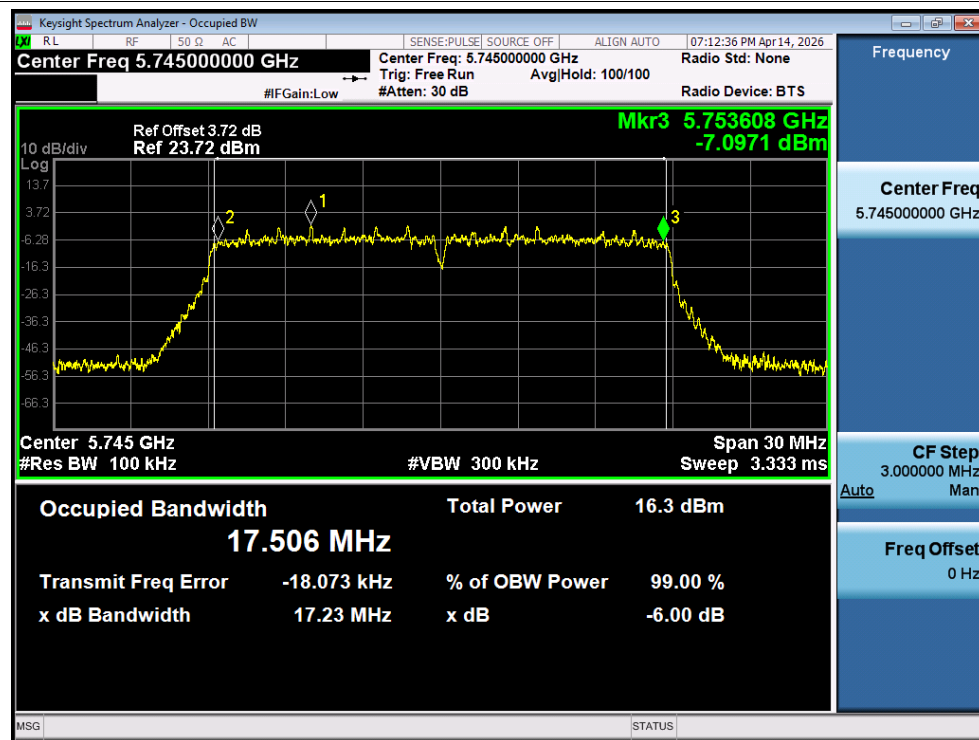
-6dB Bandwidth NVNT a 5785MHz AntB



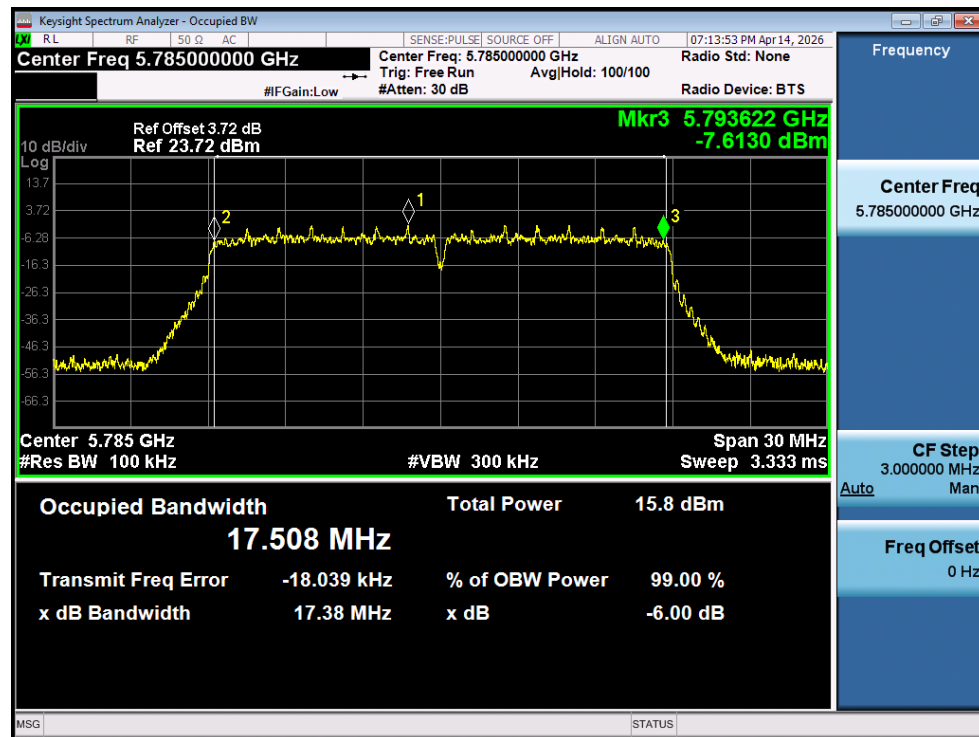
-6dB Bandwidth NVNT a 5825MHz AntB



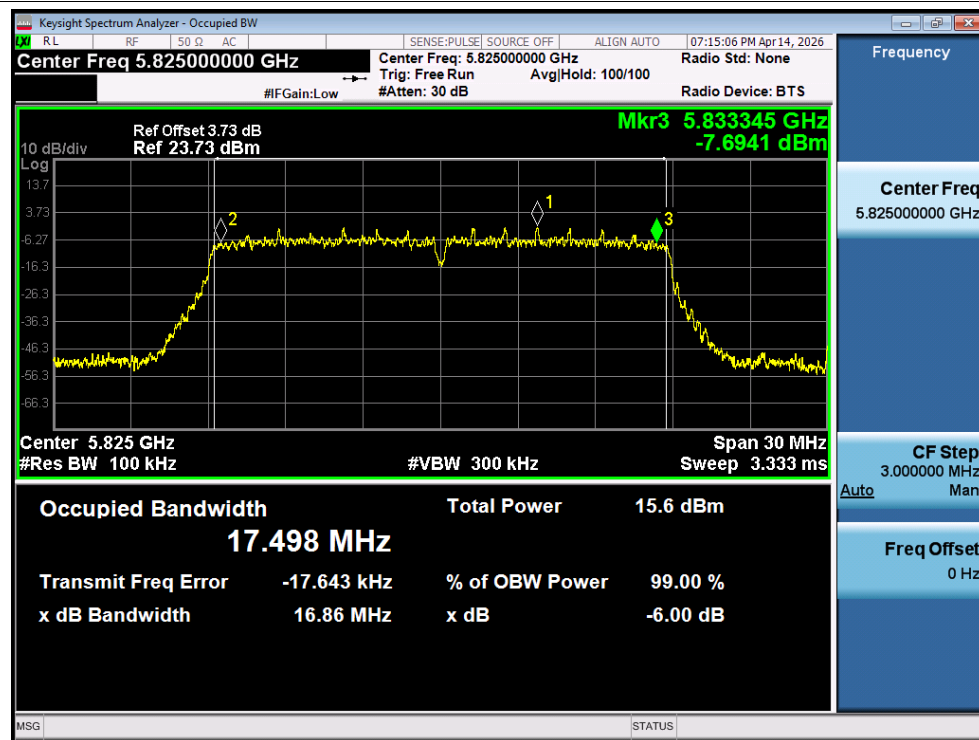
-6dB Bandwidth NVNT n20 5745MHz AntB



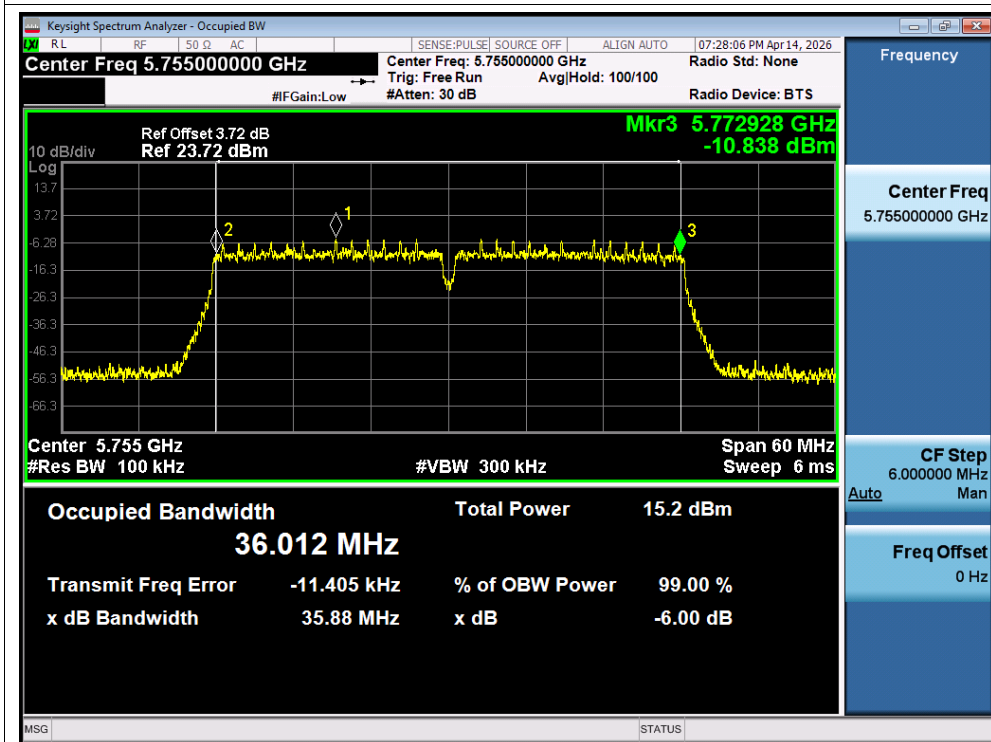
-6dB Bandwidth NVNT n20 5785MHz AntB



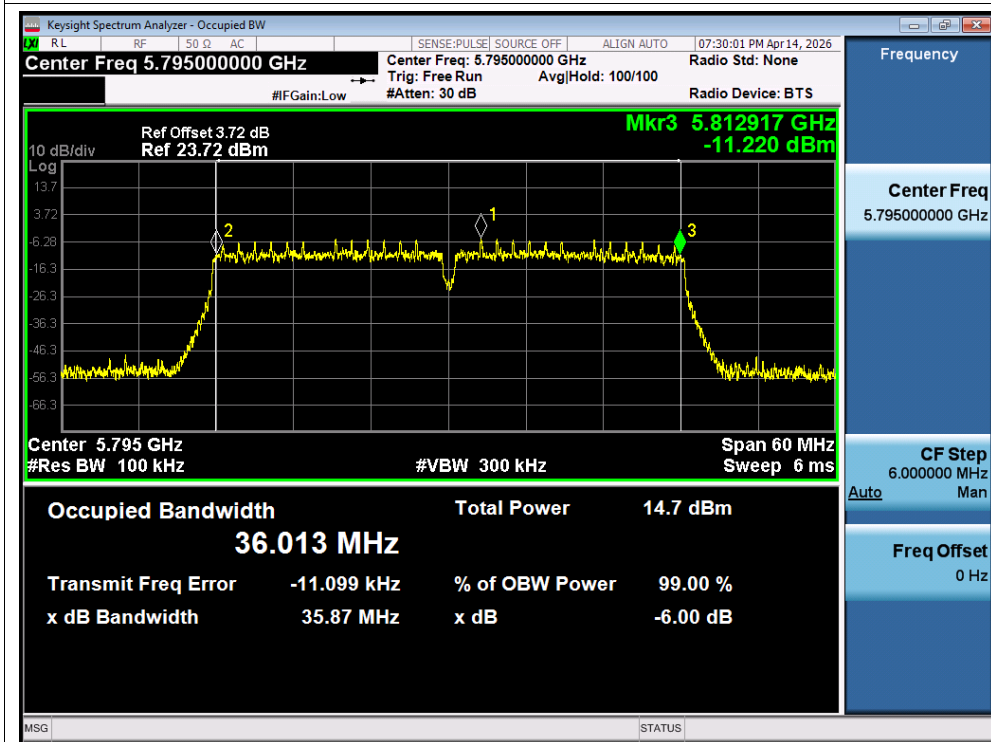
-6dB Bandwidth NVNT n20 5825MHz AntB



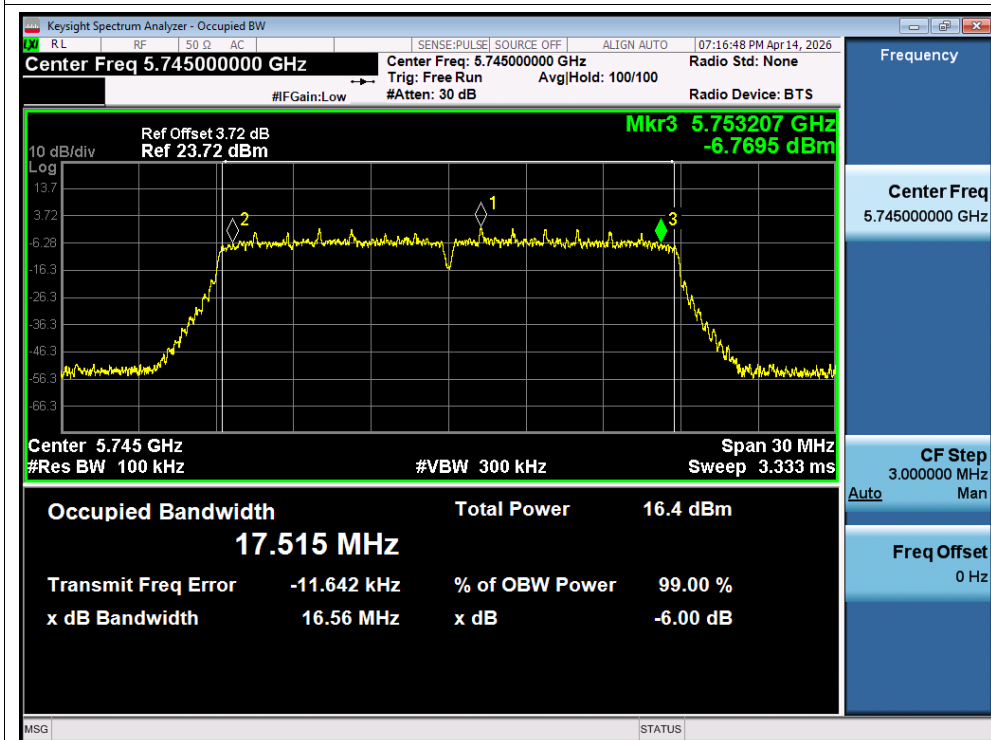
-6dB Bandwidth NVNT n40 5755MHz AntB



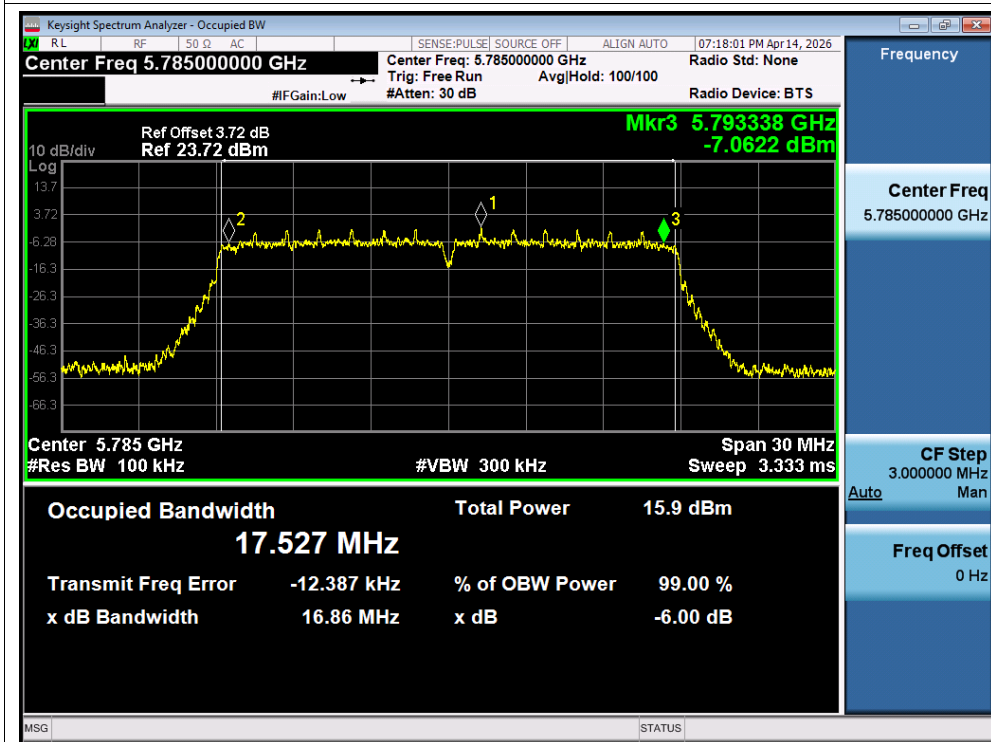
-6dB Bandwidth NVNT n40 5795MHz AntB



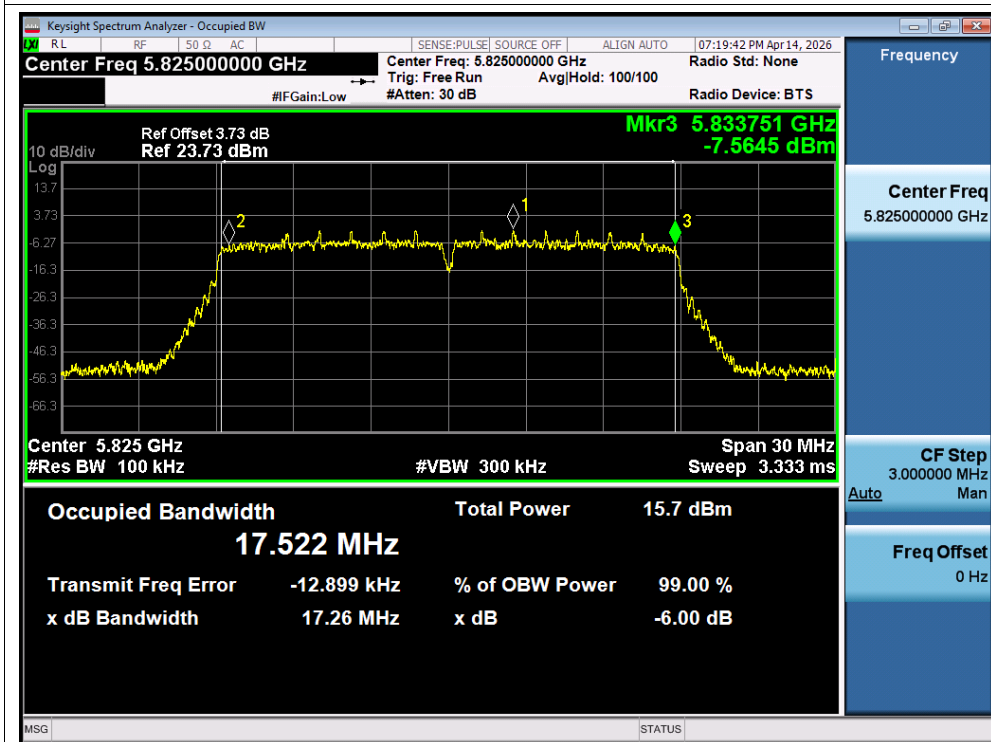
-6dB Bandwidth NVNT ac20 5745MHz AntB



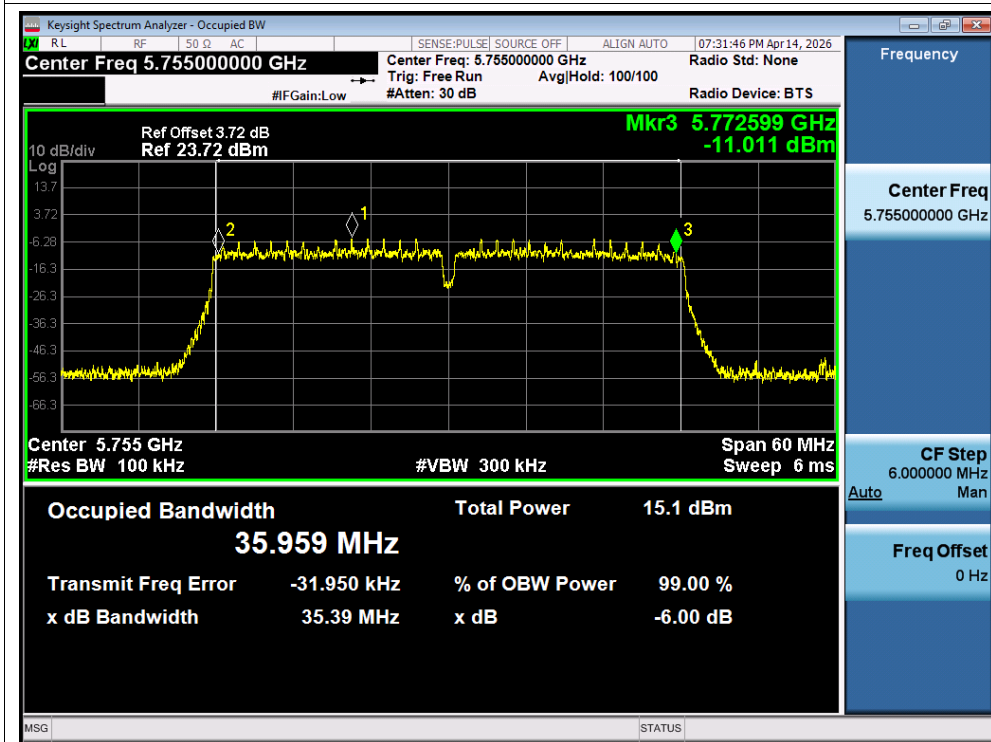
-6dB Bandwidth NVNT ac20 5785MHz AntB



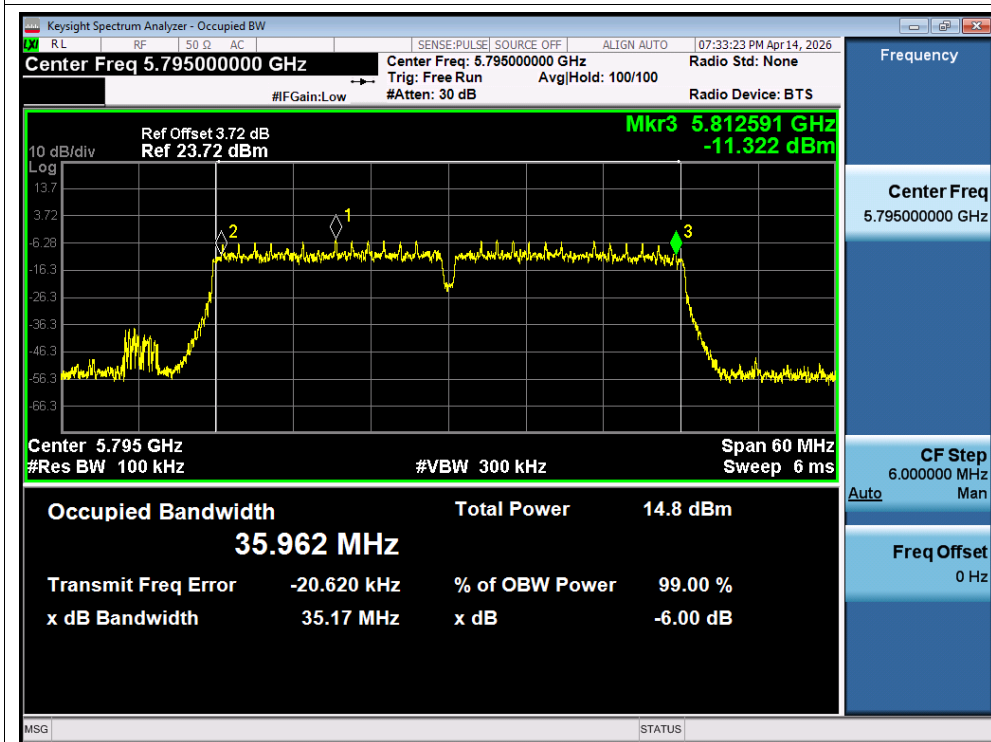
-6dB Bandwidth NVNT ac20 5825MHz AntB



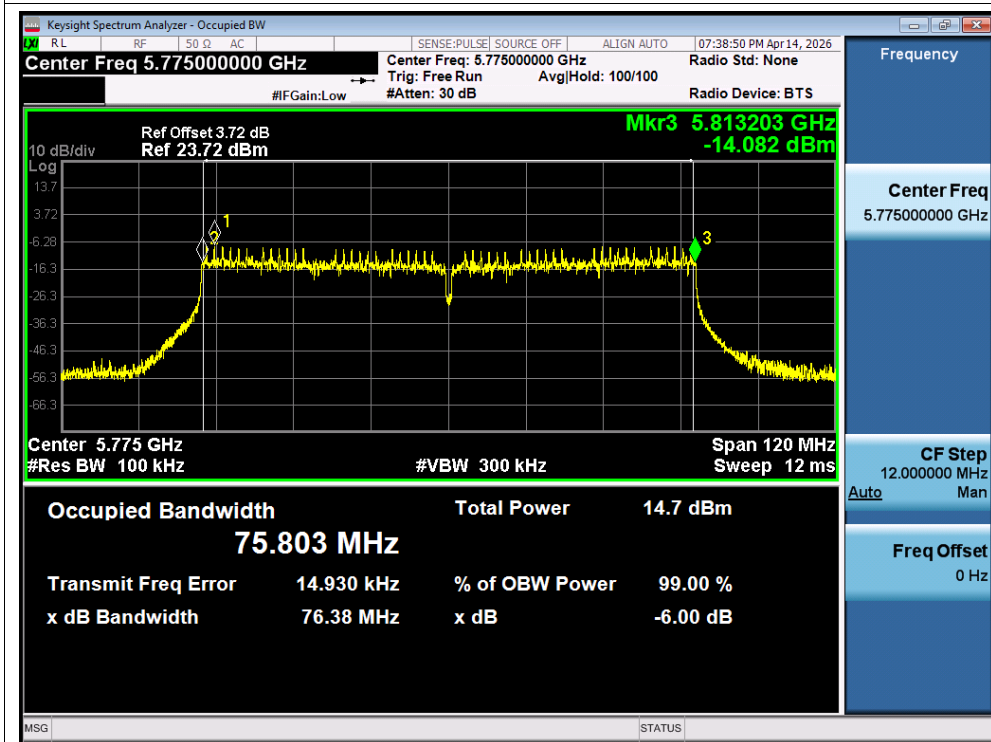
-6dB Bandwidth NVNT ac40 5755MHz AntB



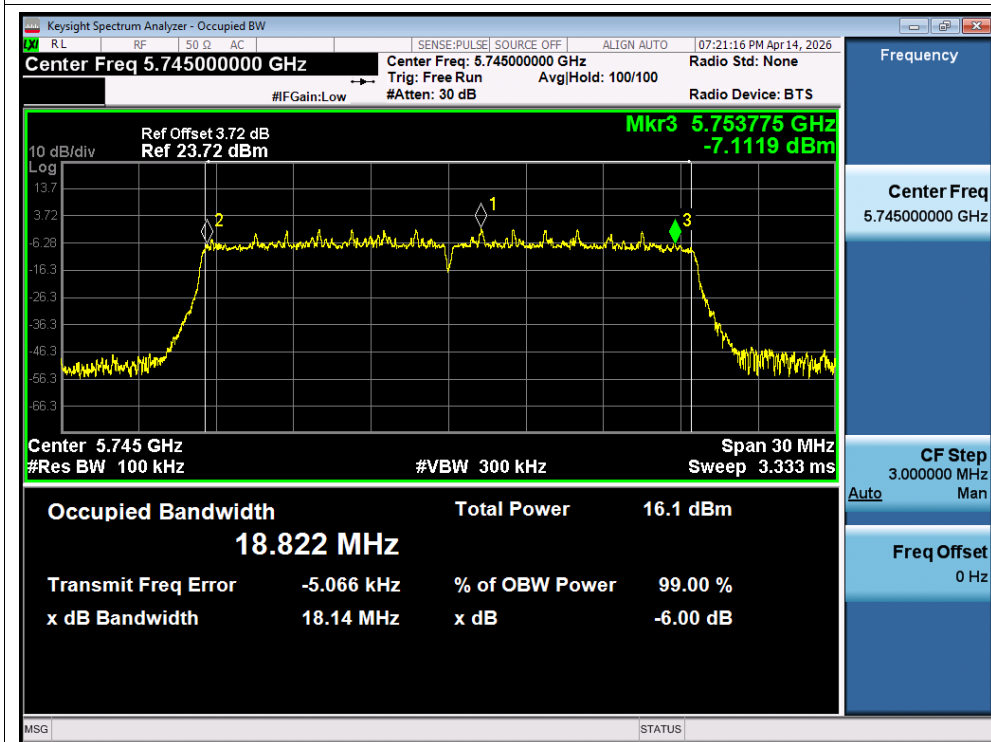
-6dB Bandwidth NVNT ac40 5795MHz AntB



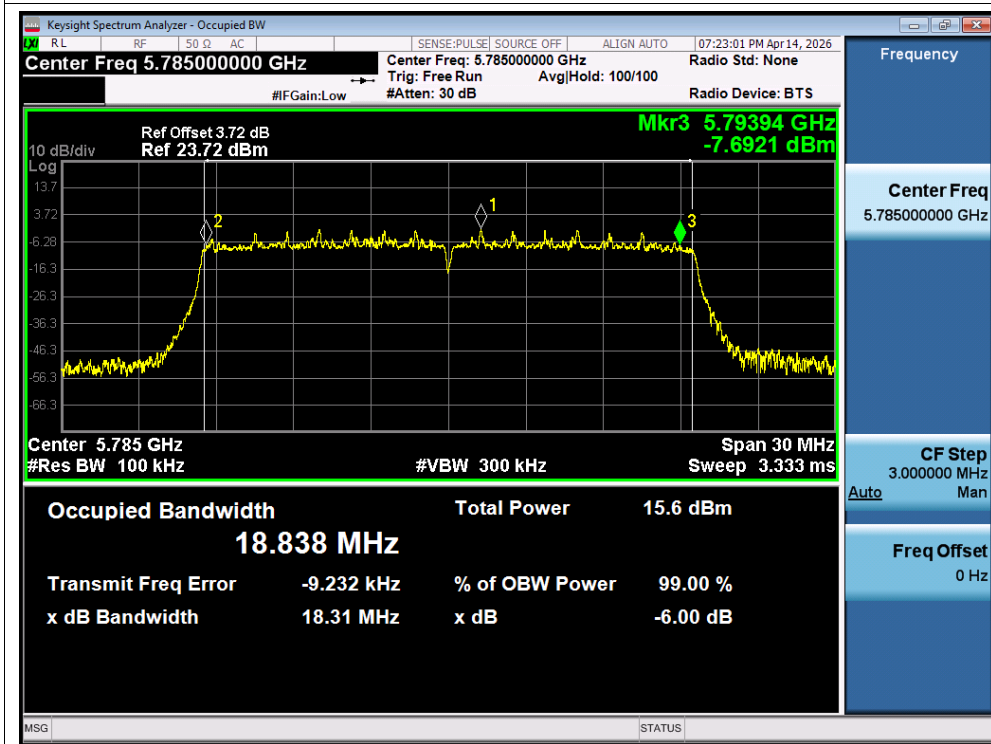
-6dB Bandwidth NVNT ac80 5775MHz AntB



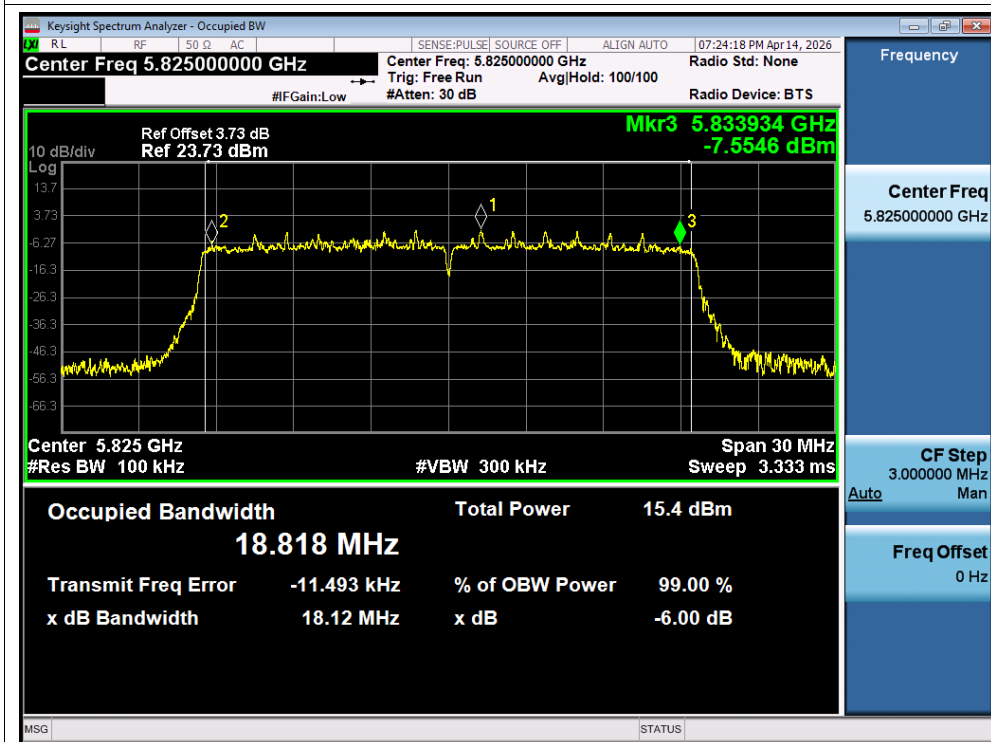
-6dB Bandwidth NVNT ax20 5745MHz AntB



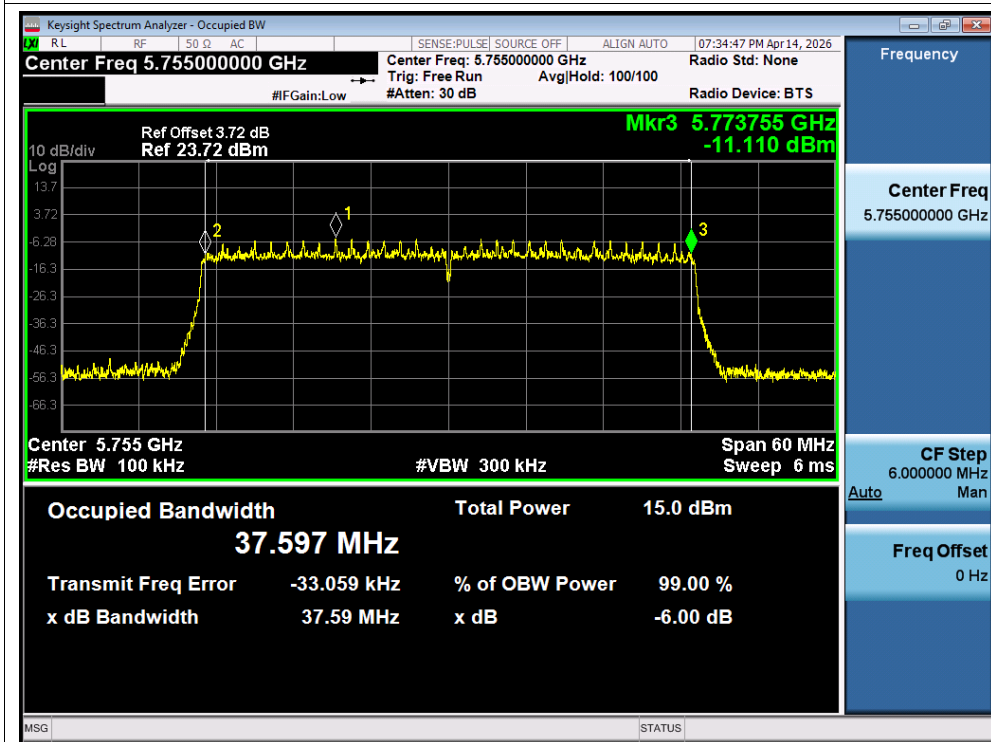
-6dB Bandwidth NVNT ax20 5785MHz AntB



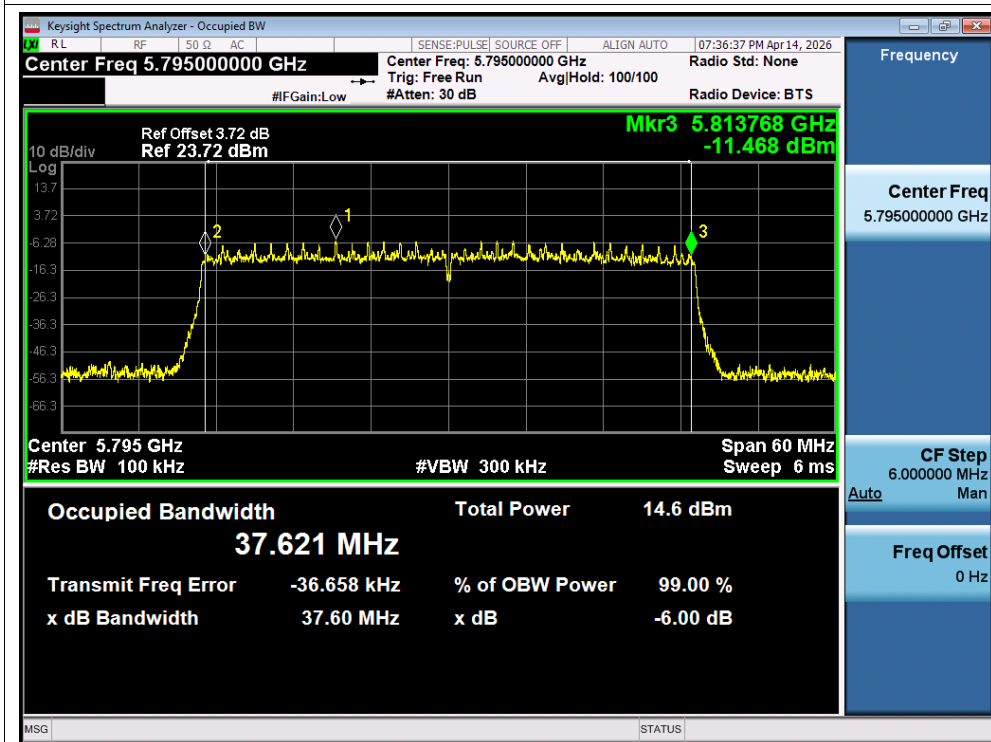
-6dB Bandwidth NVNT ax20 5825MHz AntB



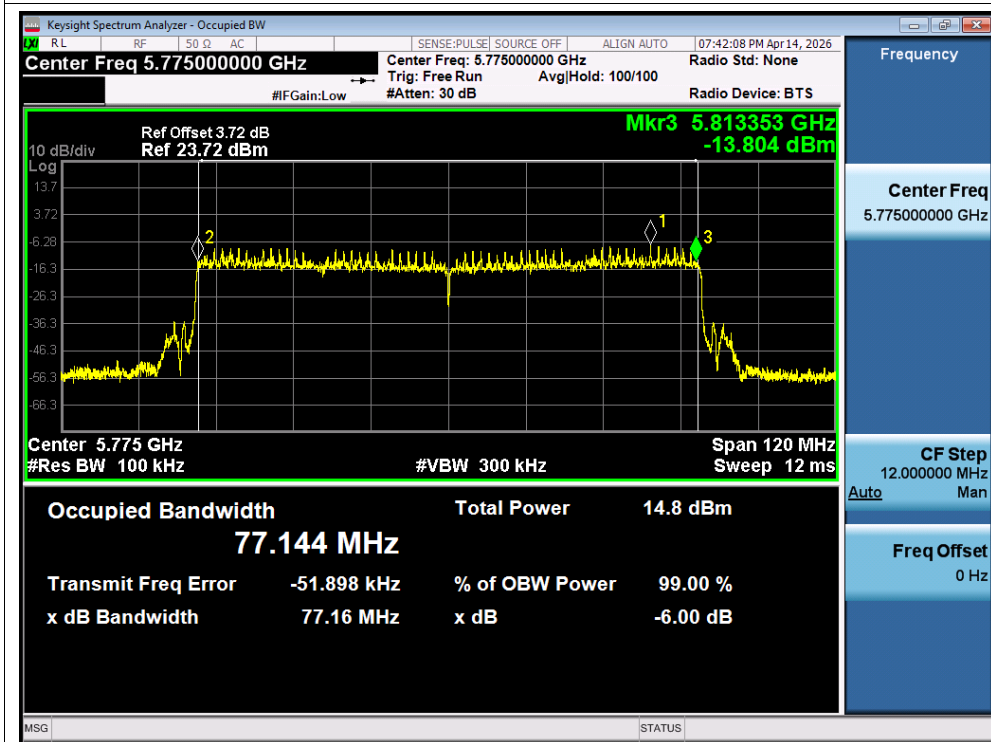
-6dB Bandwidth NVNT ax40 5755MHz AntB



-6dB Bandwidth NVNT ax40 5795MHz AntB



-6dB Bandwidth NVNT ax80 5775MHz AntB

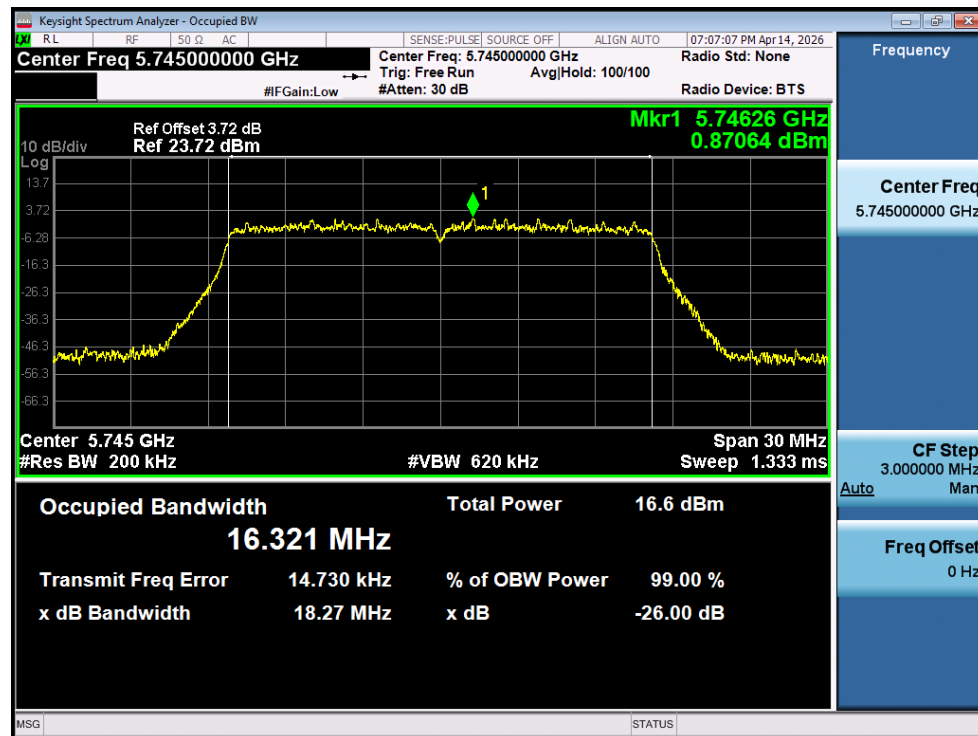


Occupied Channel Bandwidth

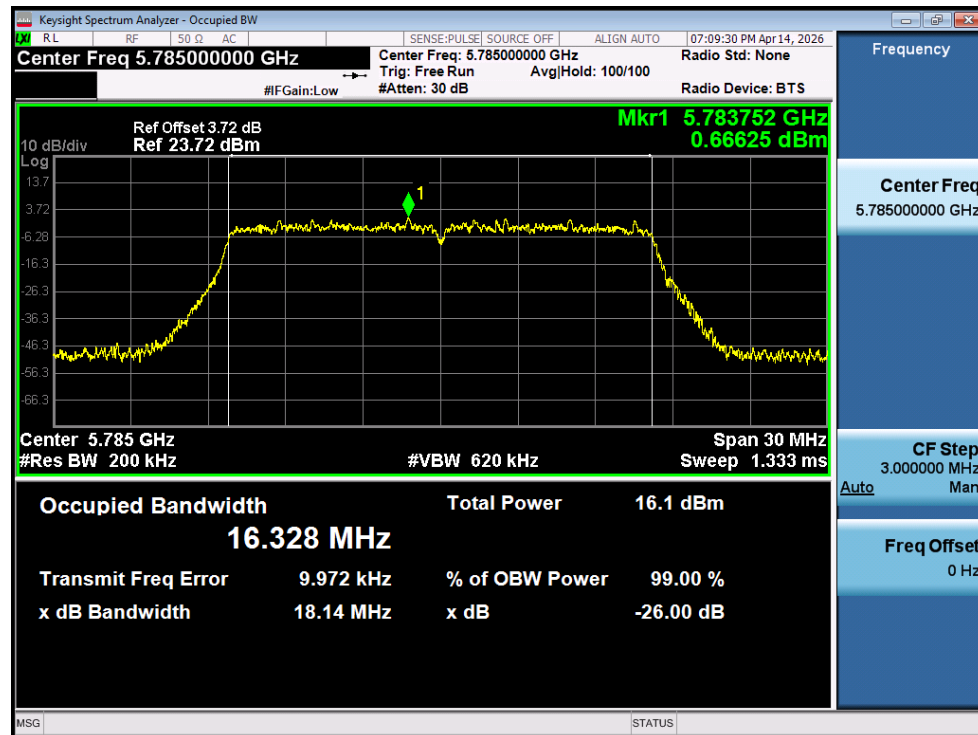
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	AntB	16.321
		5785		16.328
		5825		16.318
	n20	5745		17.505
		5785		17.505
		5825		17.505
	n40	5755		36.181
		5795		36.136
	ac20	5745		17.528
		5785		17.519
		5825		17.521
	ac40	5755		36.025
		5795		36.04
	ac80	5775		76.203
	ax20	5745		18.826
		5785		18.849
		5825		18.867
	ax40	5755		37.638
		5795		37.659
	ax80	5775		77.237

Test Graphs

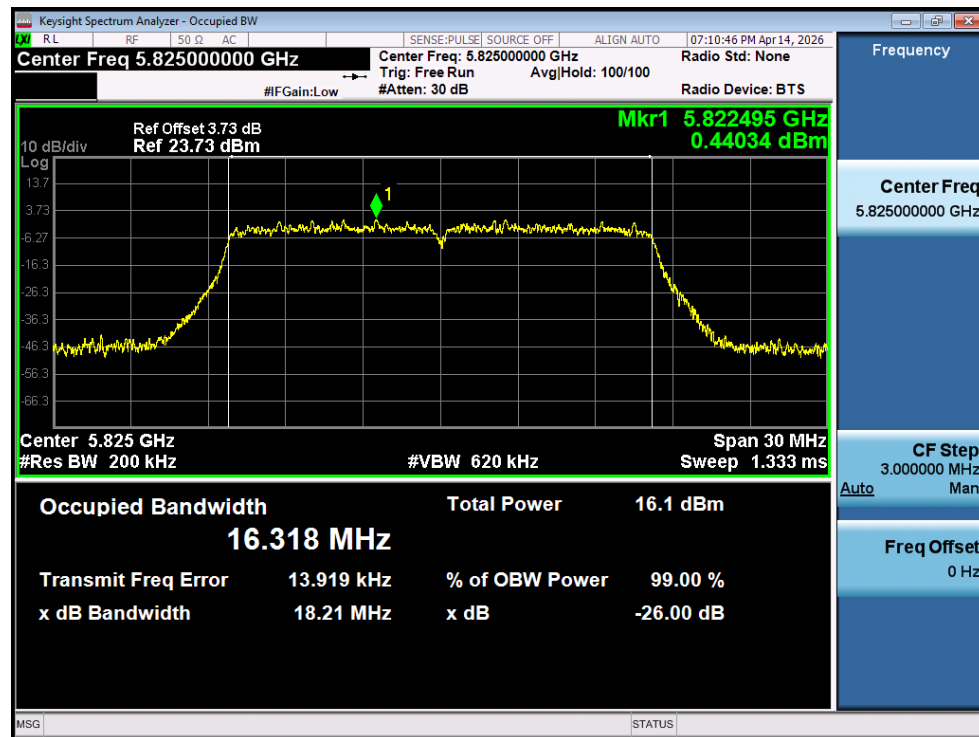
OBW NVNT a 5745MHz AntB



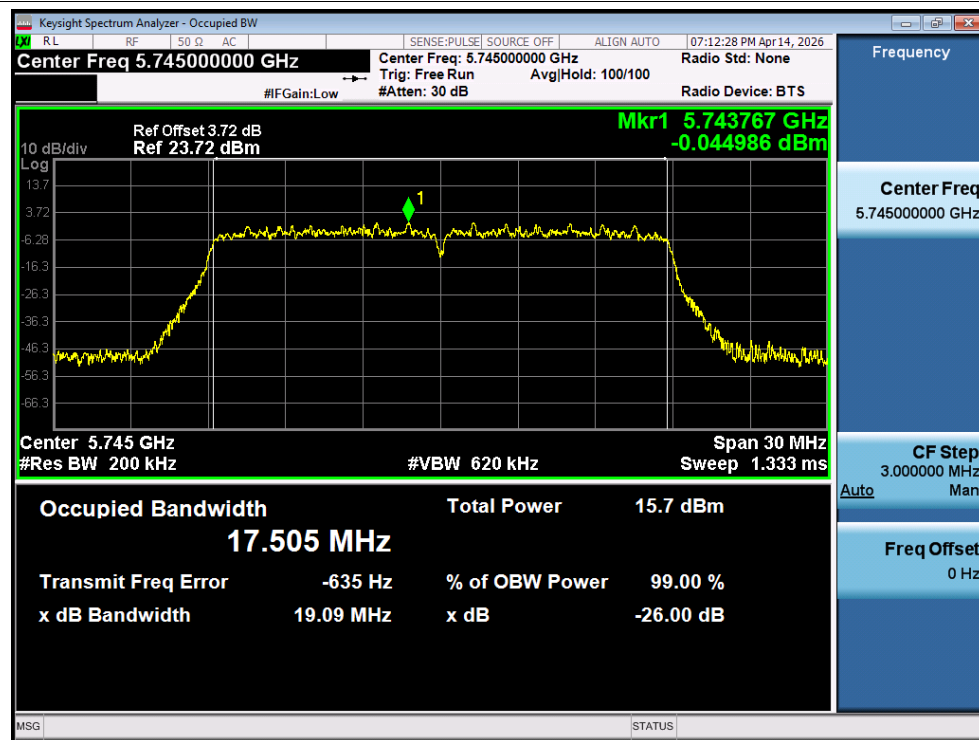
OBW NVNT a 5785MHz AntB



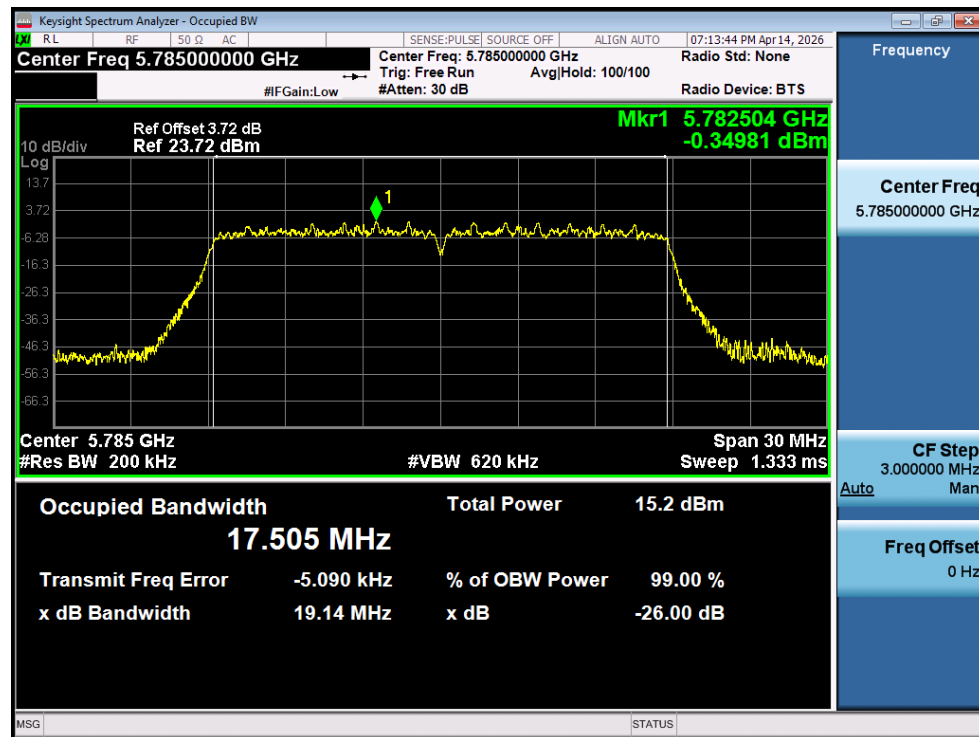
OBW NVNT a 5825MHz AntB



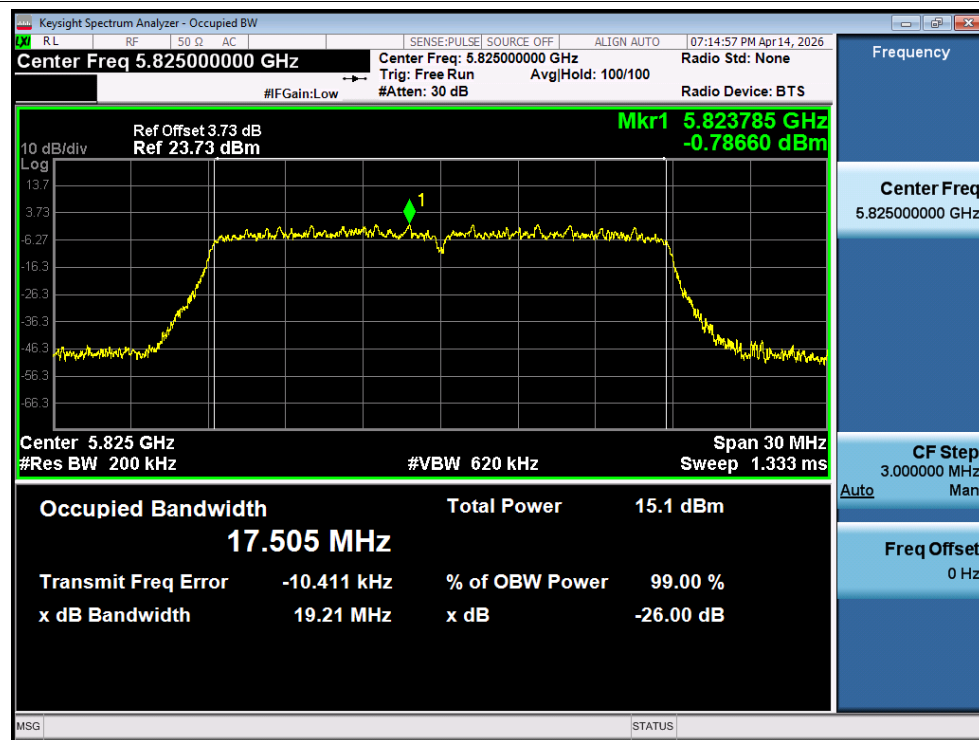
OBW NVNT n20 5745MHz AntB



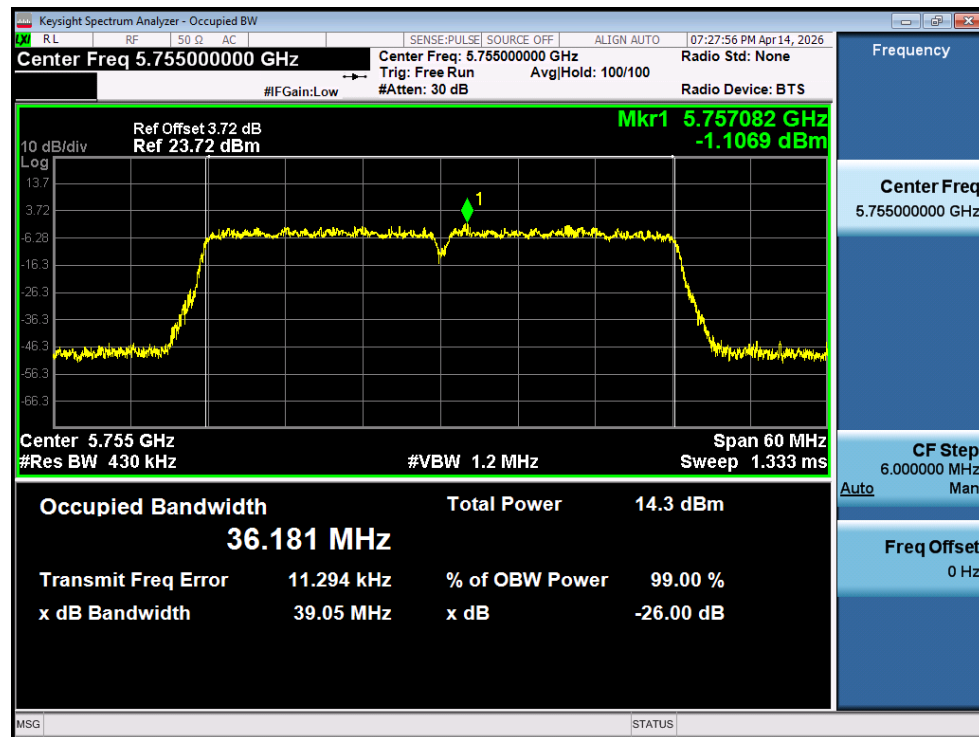
OBW NVNT n20 5785MHz AntB



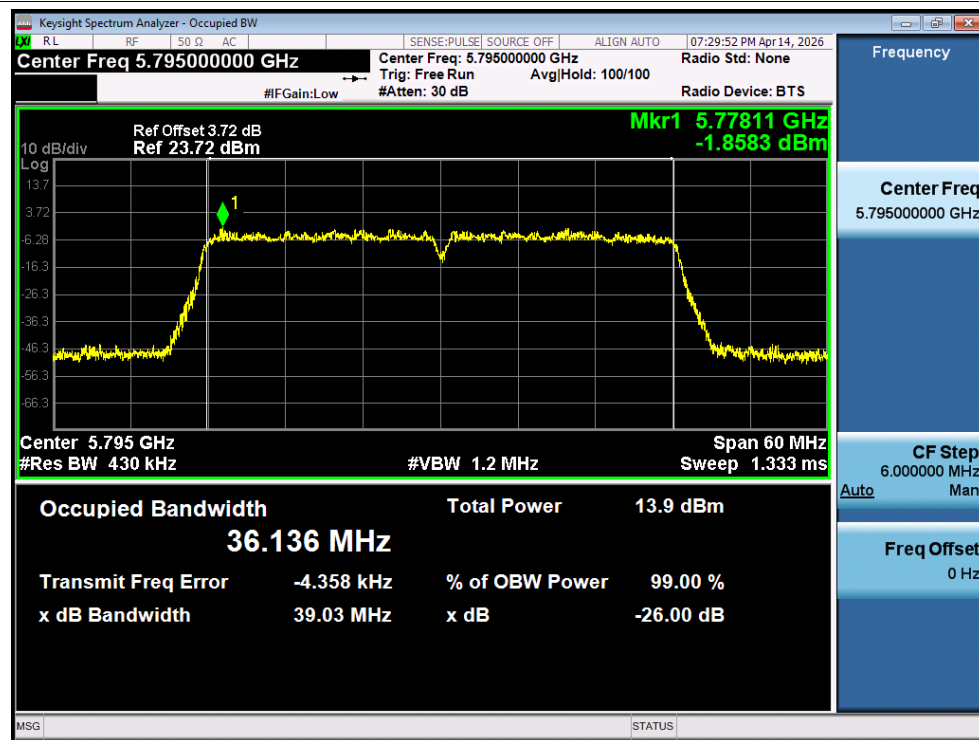
OBW NVNT n20 5825MHz AntB



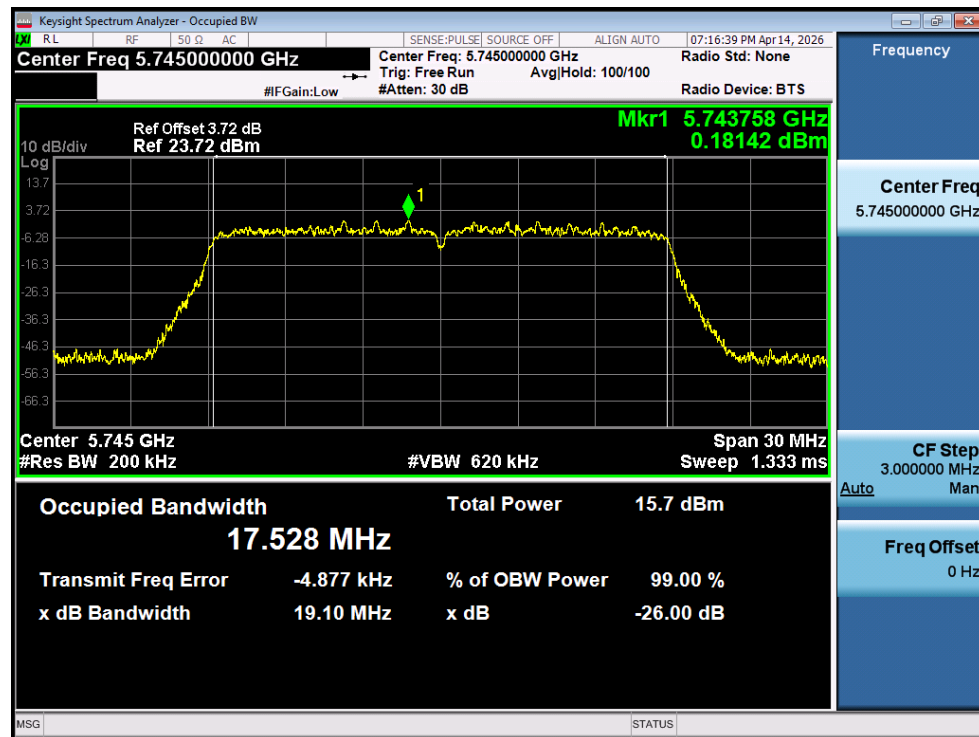
OBW NVNT n40 5755MHz AntB



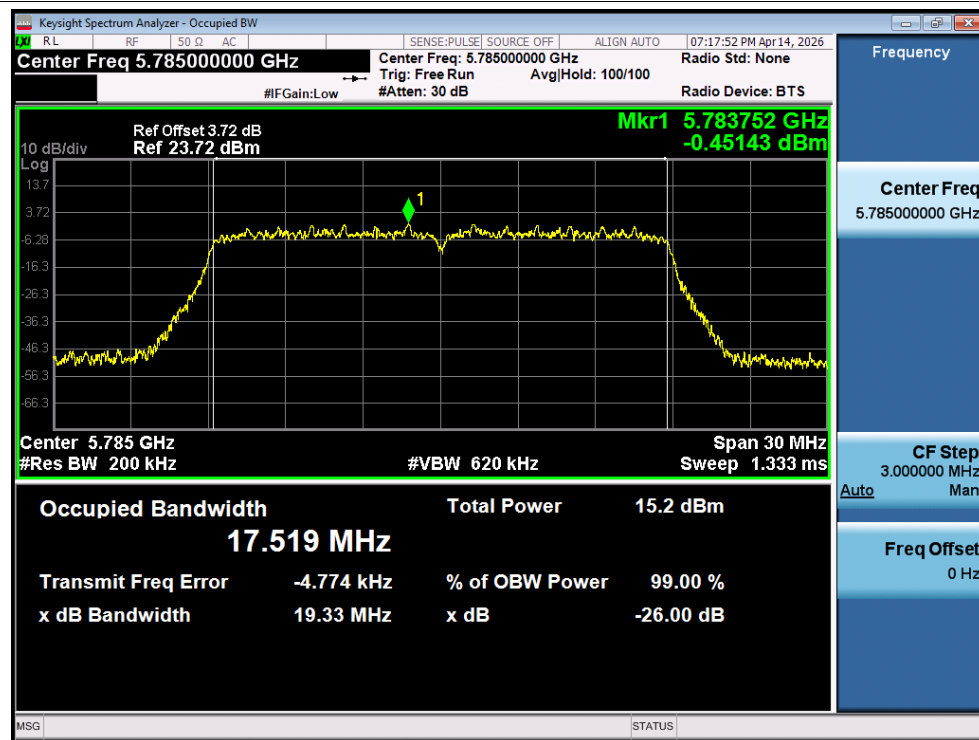
OBW NVNT n40 5795MHz AntB



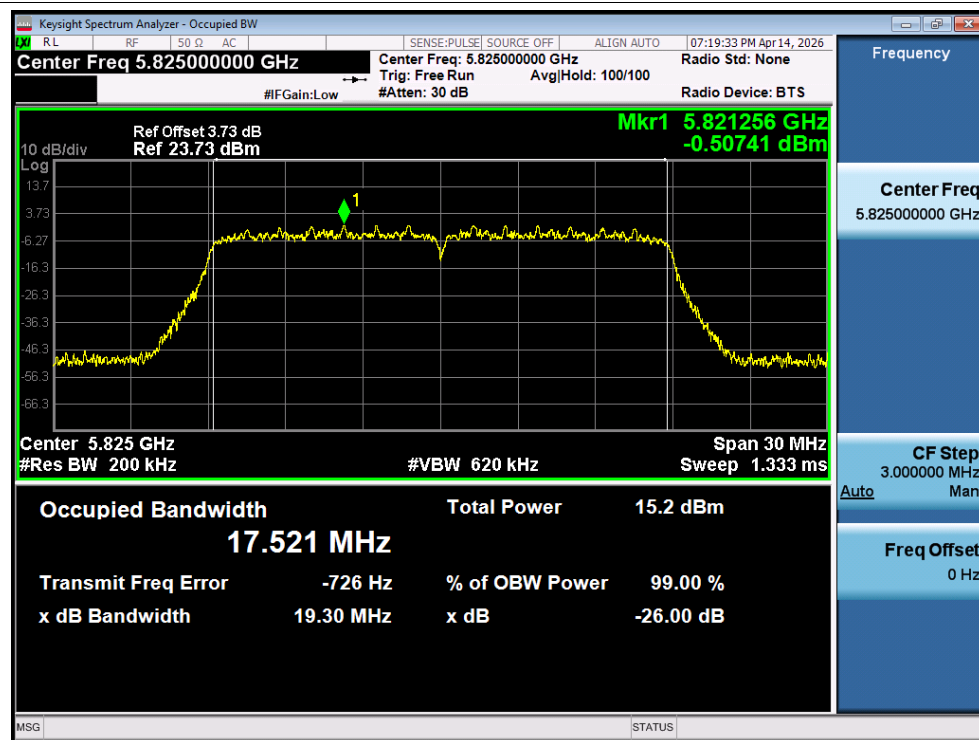
OBW NVNT ac20 5745MHz AntB



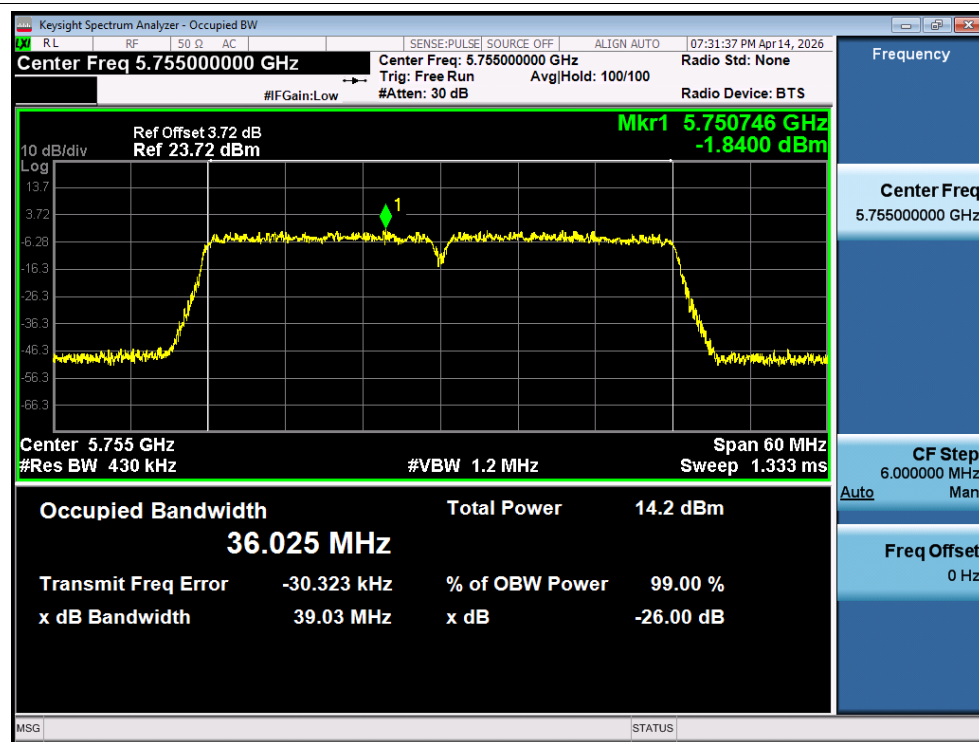
OBW NVNT ac20 5785MHz AntB



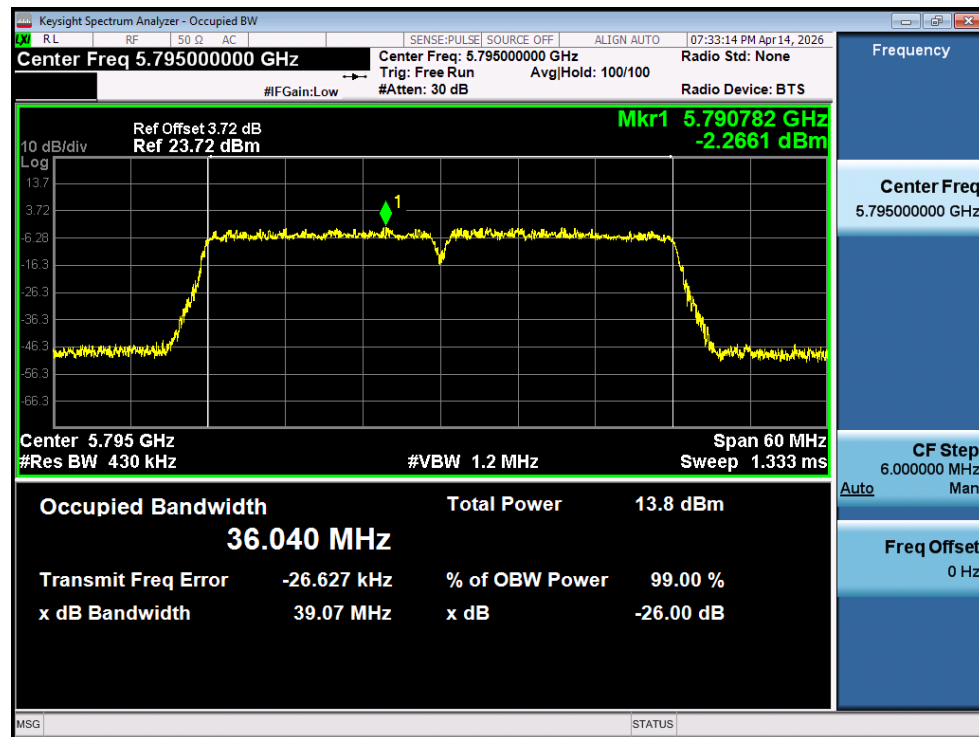
OBW NVNT ac20 5825MHz AntB



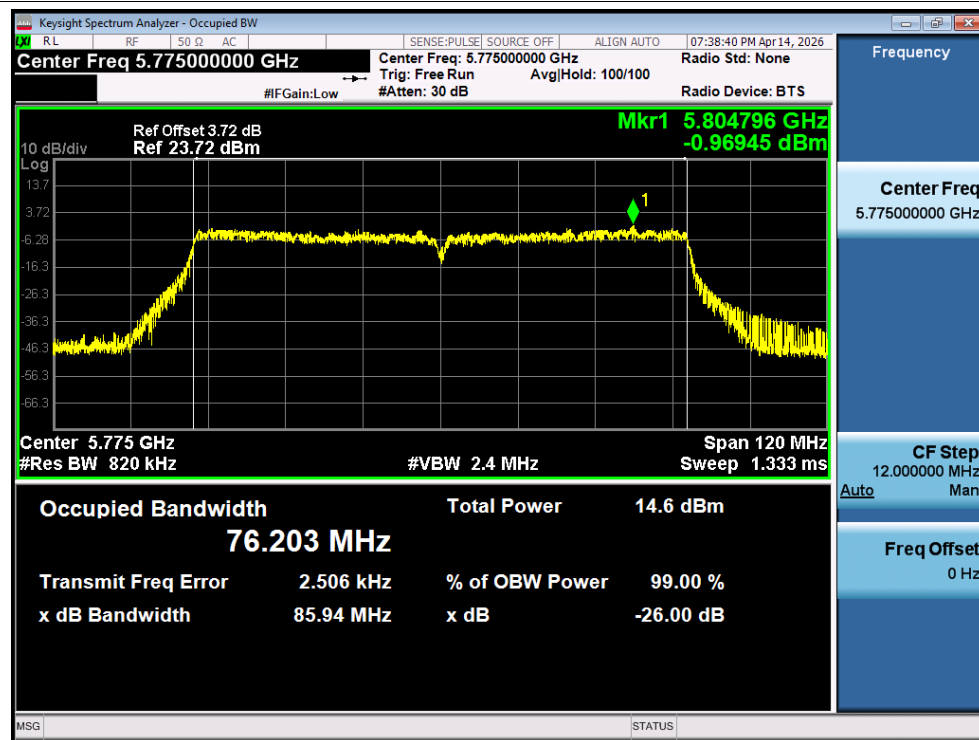
OBW NVNT ac40 5755MHz AntB



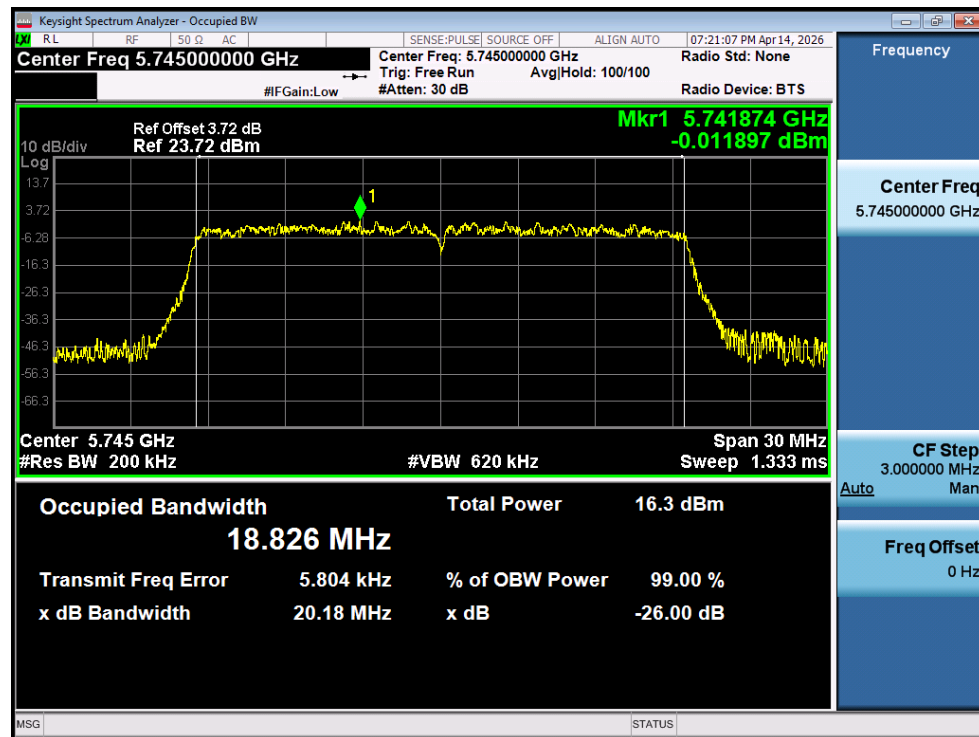
OBW NVNT ac40 5795MHz AntB



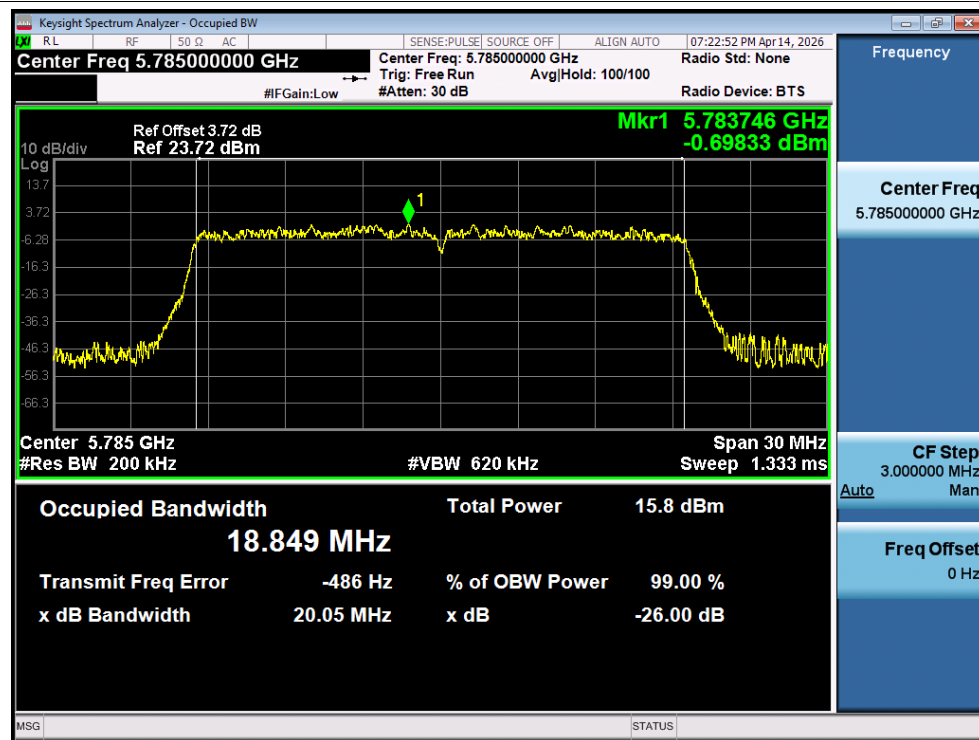
OBW NVNT ac80 5775MHz AntB



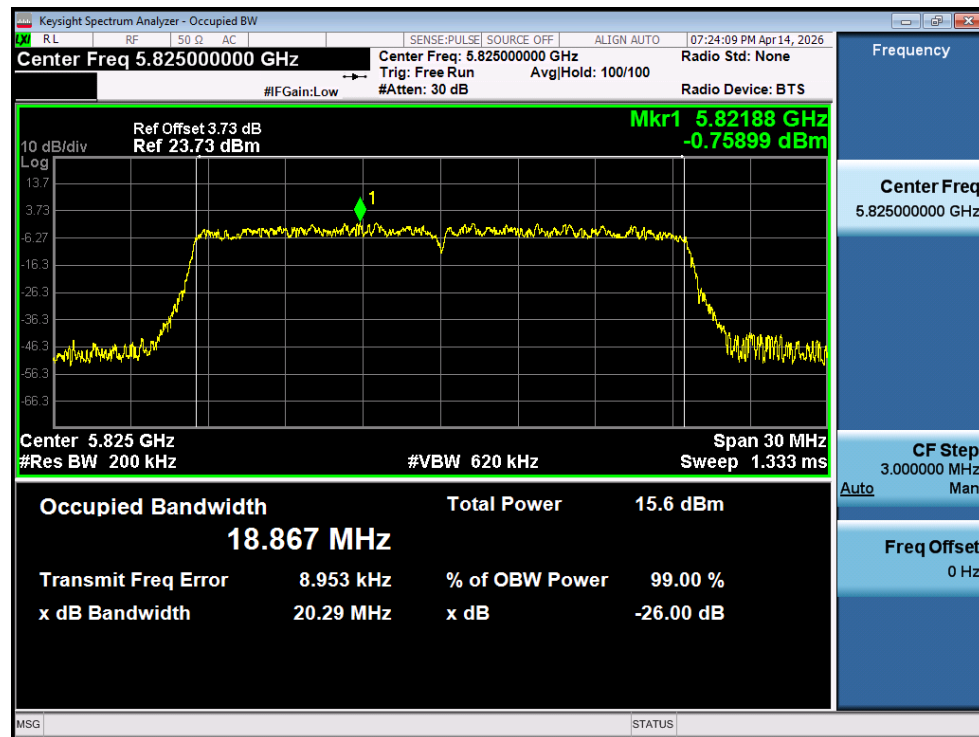
OBW NVNT ax20 5745MHz AntB



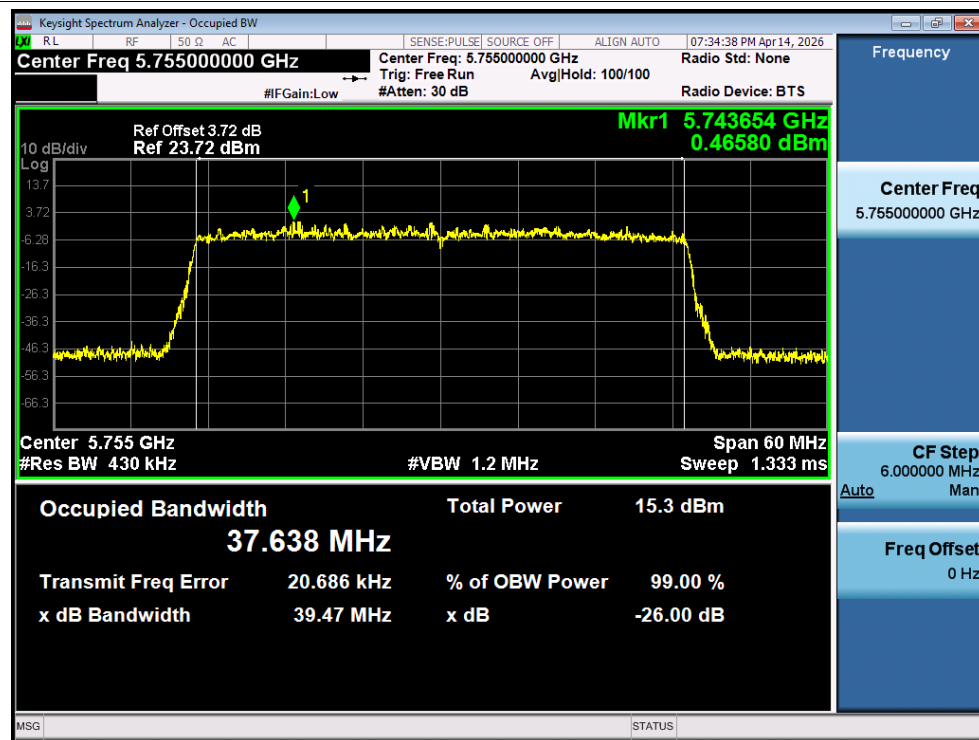
OBW NVNT ax20 5785MHz AntB



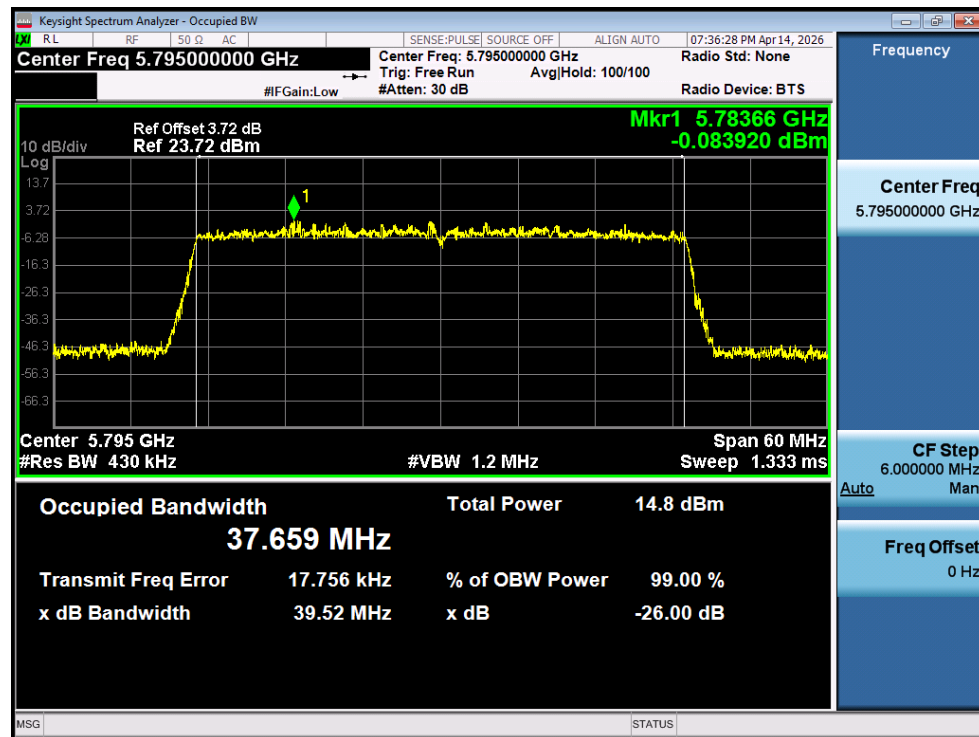
OBW NVNT ax20 5825MHz AntB



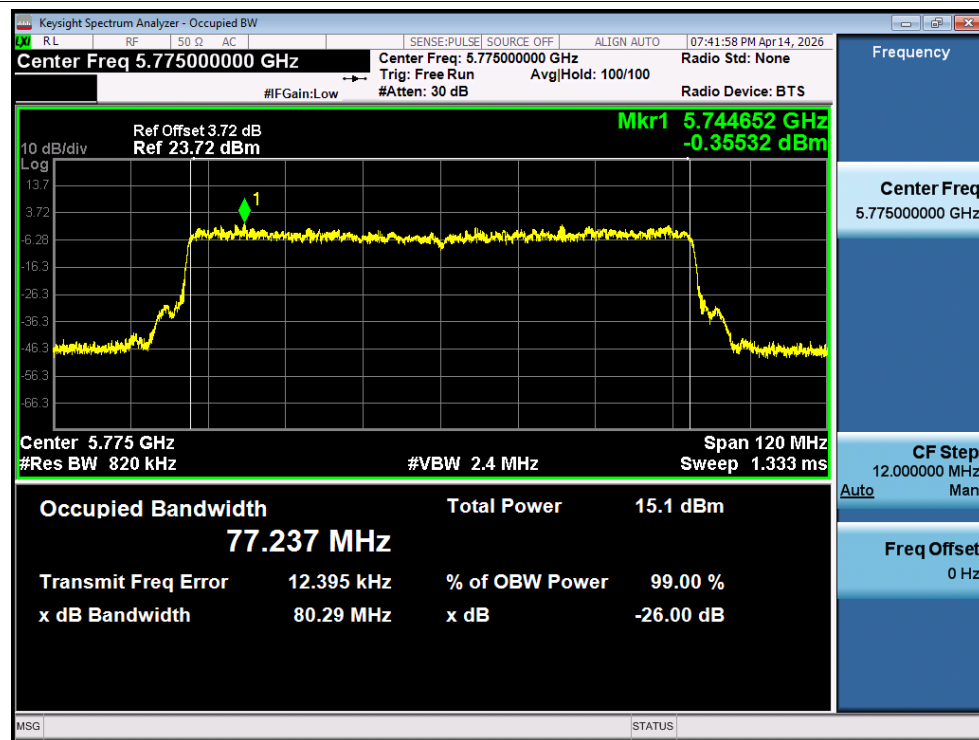
OBW NVNT ax40 5755MHz AntB



OBW NVNT ax40 5795MHz AntB



OBW NVNT ax80 5775MHz AntB



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/510k Hz)	Conducted PSD (dBm/500k Hz)	Duty Factor (dB)	Total Conducted PSD (dBm/500k Hz)	Conducted PSD (dBm/500k Hz)	Verdict
NVNT	a	5745	AntB	-3.34	-3.426	1.12	-2.31	30	Pass
NVNT	a	5785	AntB	-3.59	-3.676	1.12	-2.56	30	Pass
NVNT	a	5825	AntB	-3.65	-3.736	1.12	-2.62	30	Pass
NVNT	n20	5745	AntB	-4.49	-4.576	1.25	-3.33	30	Pass
NVNT	n20	5785	AntB	-4.99	-5.076	1.25	-3.83	30	Pass
NVNT	n20	5825	AntB	-5.29	-5.376	1.25	-4.13	30	Pass
NVNT	n40	5755	AntB	-9.24	-9.326	2.27	-7.06	30	Pass
NVNT	n40	5795	AntB	-9.18	-9.266	2.27	-7.00	30	Pass
NVNT	ac20	5745	AntB	-4.39	-4.476	1.25	-3.23	30	Pass
NVNT	ac20	5785	AntB	-4.76	-4.846	1.25	-3.60	30	Pass
NVNT	ac20	5825	AntB	-4.94	-5.026	1.25	-3.78	30	Pass
NVNT	ac40	5755	AntB	-9.35	-9.436	2.01	-7.43	30	Pass
NVNT	ac40	5795	AntB	-9.37	-9.456	2.01	-7.45	30	Pass
NVNT	ac80	5775	AntB	-12.91	-12.996	3.01	-9.99	30	Pass
NVNT	ax20	5745	AntB	-4.21	-4.296	1.37	-2.93	30	Pass
NVNT	ax20	5785	AntB	-4.84	-4.926	1.37	-3.56	30	Pass
NVNT	ax20	5825	AntB	-4.71	-4.796	1.37	-3.43	30	Pass
NVNT	ax40	5755	AntB	-8.94	-9.026	2.27	-6.76	30	Pass
NVNT	ax40	5795	AntB	-9.61	-9.696	2.27	-7.43	30	Pass
NVNT	ax80	5775	AntB	-12.55	-12.636	2.81	-9.83	30	Pass

Note: Correction Factor = $10\log(500\text{KHz}/\text{RBW in measurement}) = -0.086$

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/500kHz)			Limit (dBm/MHz)	Result
			ANT A	ANT B	Total		
NVNT	a	5745	-2.67	-2.31	/	30	PASS
NVNT	a	5785	-2.91	-2.56	/	30	PASS
NVNT	a	5825	-3.47	-2.62	/	30	PASS
NVNT	n20	5745	-3.70	-3.33	-0.50	30	PASS
NVNT	n20	5785	-4.35	-3.83	-1.07	30	PASS
NVNT	n20	5825	-4.15	-4.13	-1.13	30	PASS
NVNT	n40	5755	-7.49	-7.06	-4.26	30	PASS
NVNT	n40	5795	-8.13	-7.00	-4.52	30	PASS
NVNT	ac20	5745	-3.87	-3.23	-0.53	30	PASS
NVNT	ac20	5785	-4.39	-3.60	-0.97	30	PASS
NVNT	ac20	5825	-4.23	-3.78	-0.99	30	PASS
NVNT	ac40	5755	-7.76	-7.43	-4.58	30	PASS
NVNT	ac40	5795	-7.72	-7.45	-4.57	30	PASS
NVNT	ac80	5775	-10.54	-9.99	-7.25	30	PASS
NVNT	ax20	5745	-3.95	-2.93	-0.40	30	PASS
NVNT	ax20	5785	-4.19	-3.56	-0.85	30	PASS
NVNT	ax20	5825	-4.46	-3.43	-0.90	30	PASS
NVNT	ax40	5755	-7.28	-6.76	-4.00	30	PASS
NVNT	ax40	5795	-7.74	-7.43	-4.57	30	PASS
NVNT	ax80	5775	-10.35	-9.83	-7.07	30	PASS

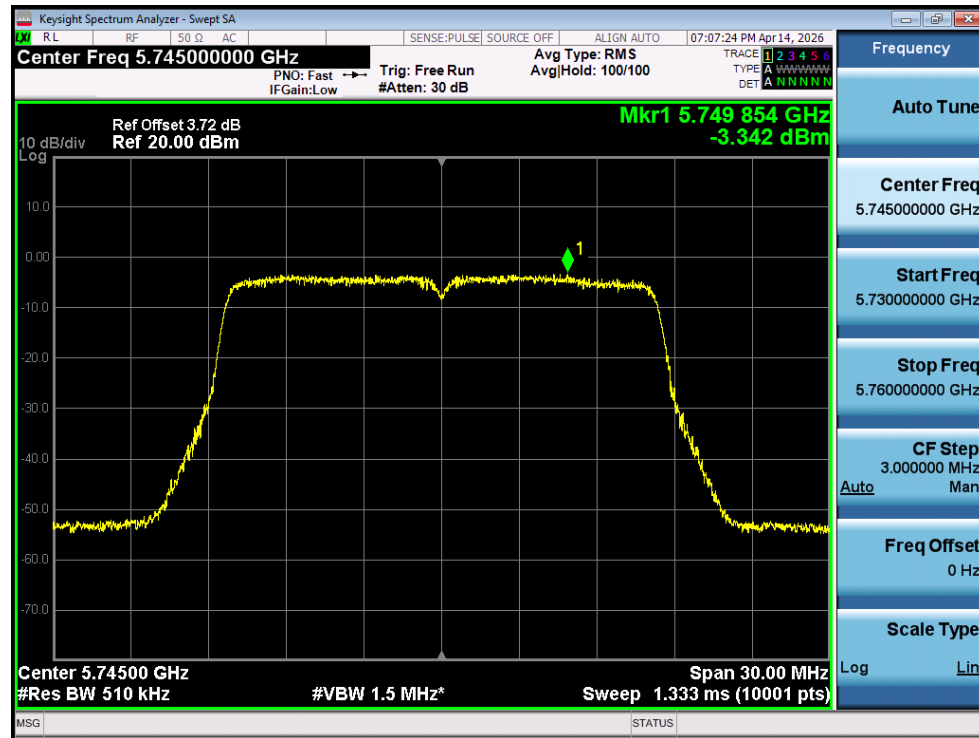
Note:

Antenna A gain: 1.88 dBi, Antenna B gain: 1.88 dBi, Directional gain=[GainANT + 10 log(NANT) dBi] =4.89 dBi<6dBi

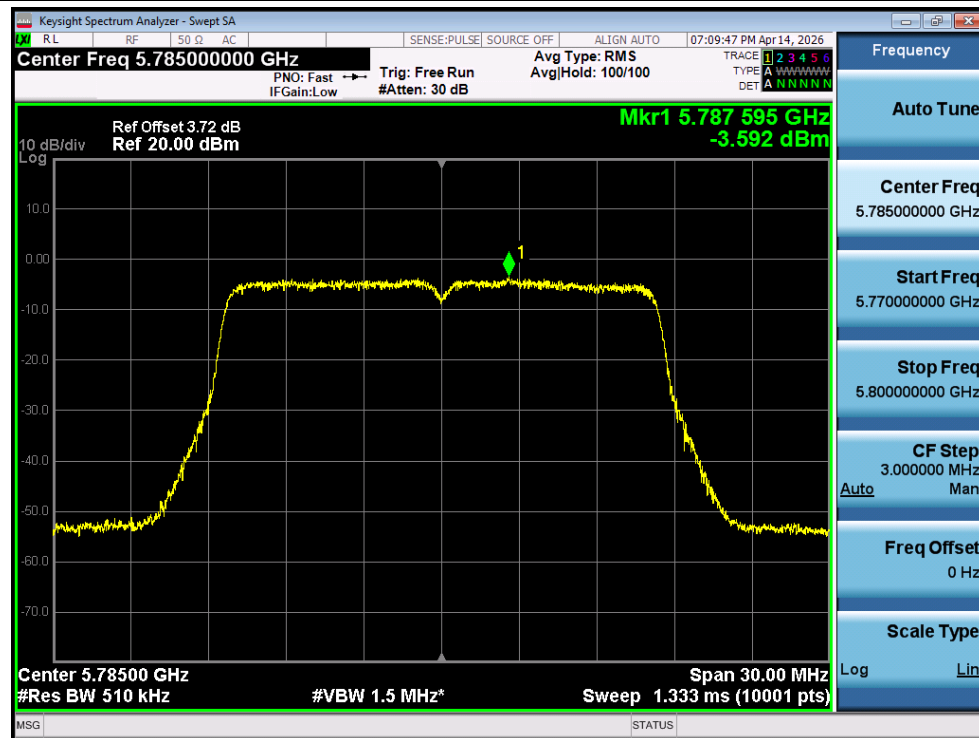
Limit=30 dBm

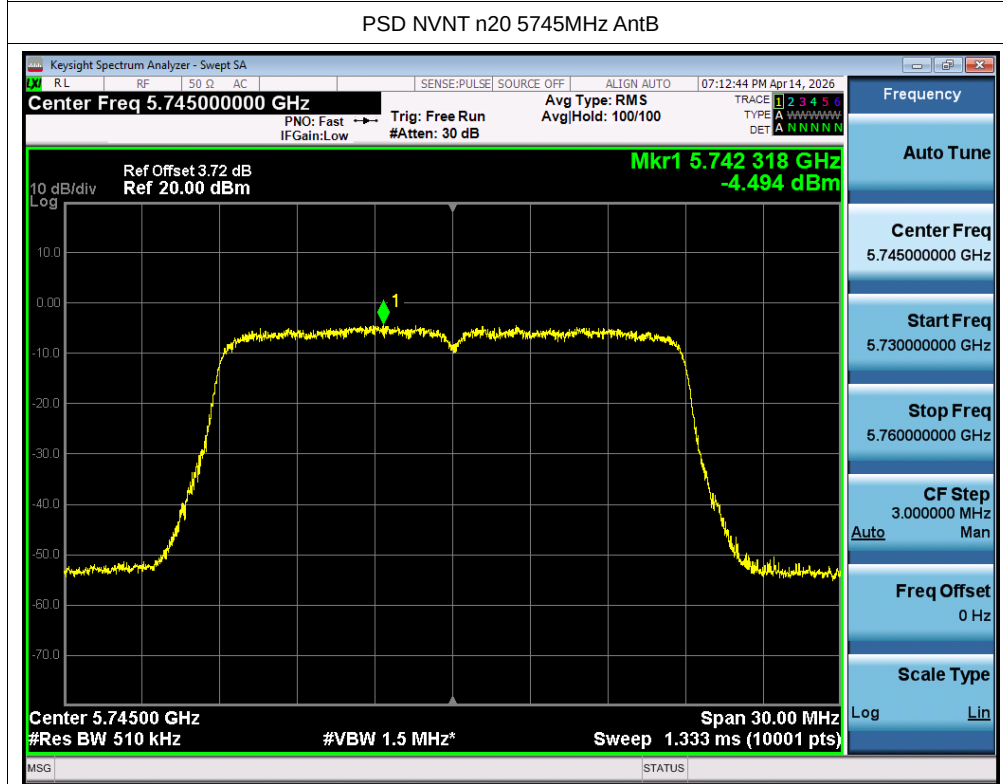
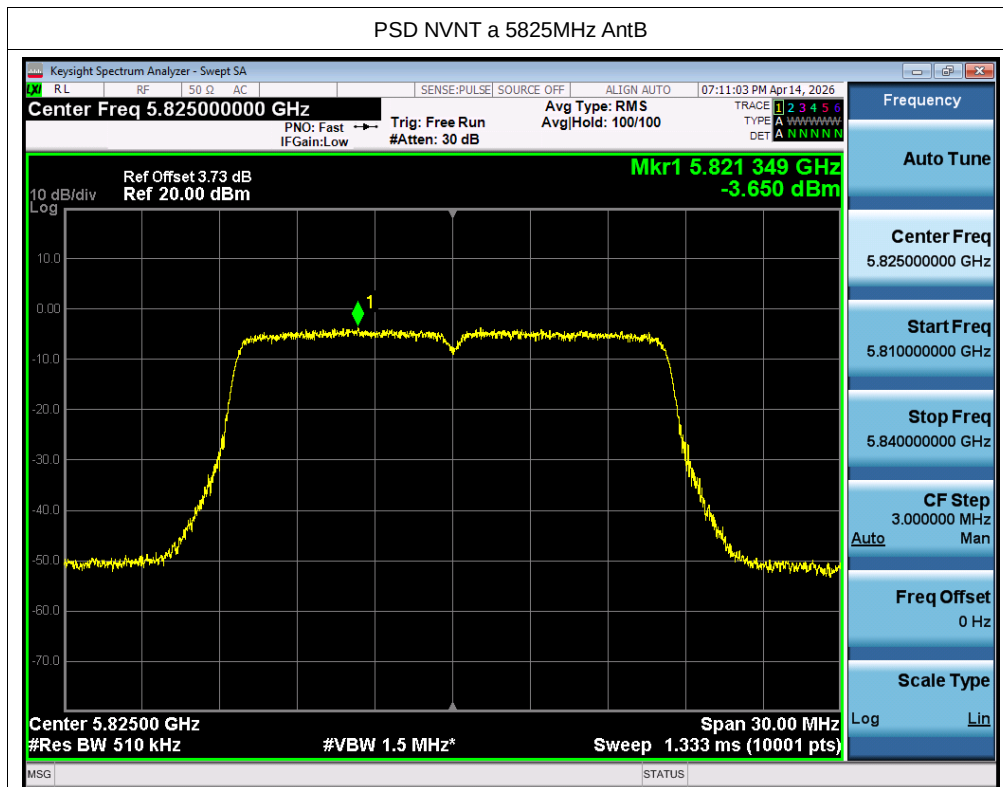
Test Graphs

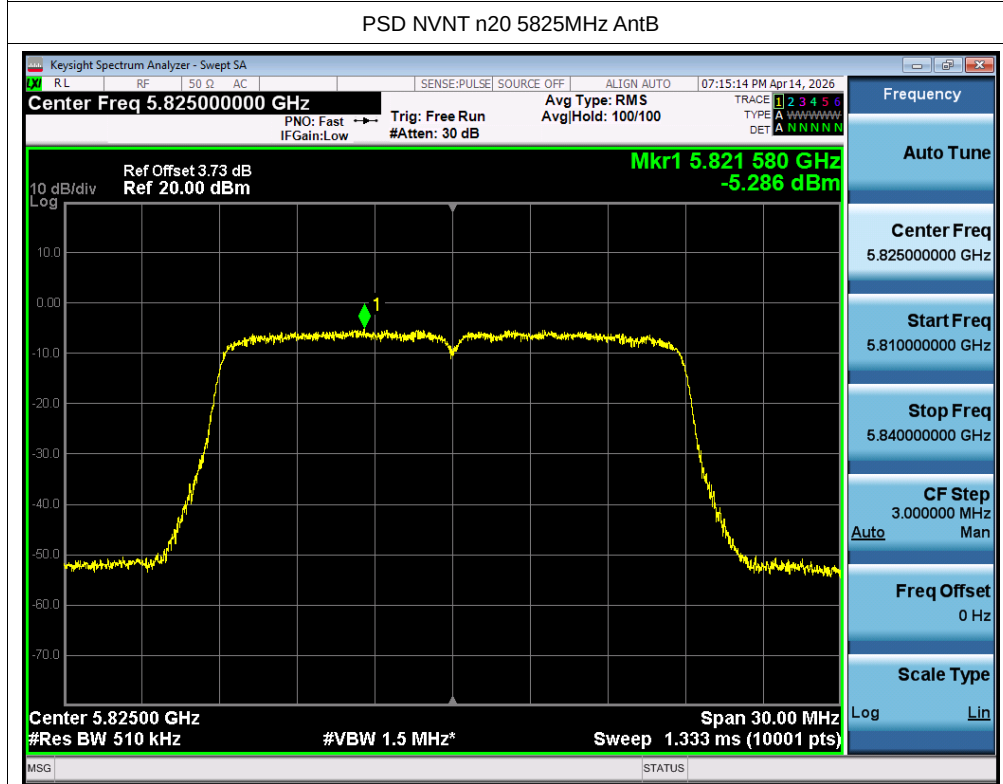
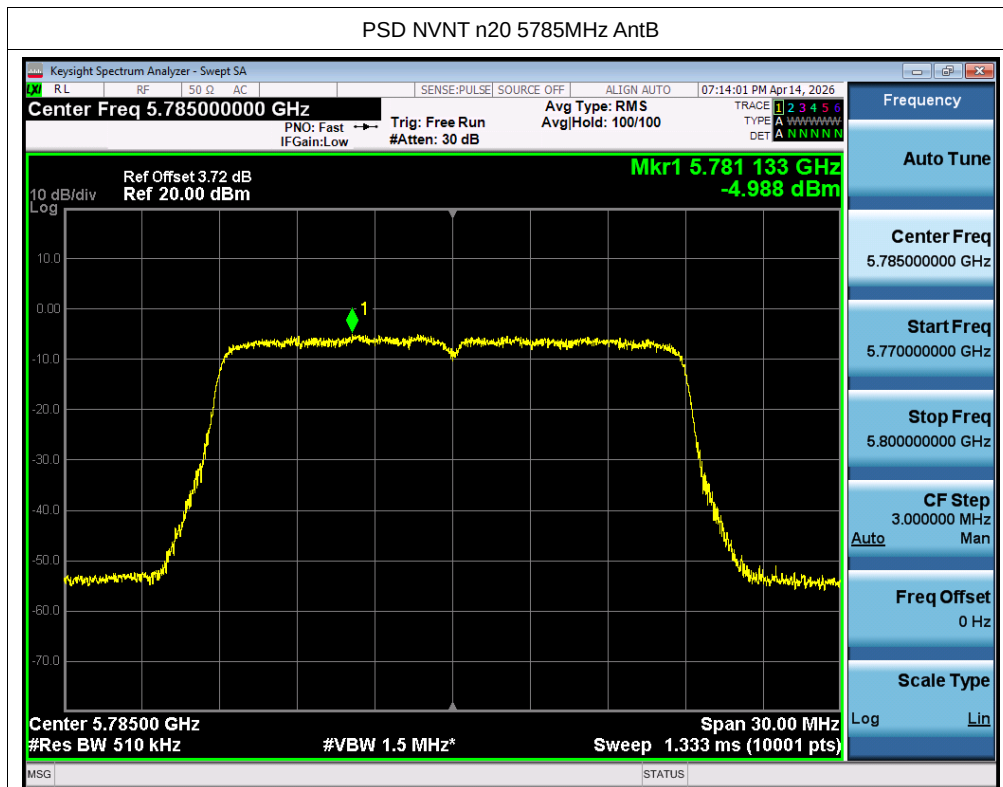
PSD NVNT a 5745MHz AntB

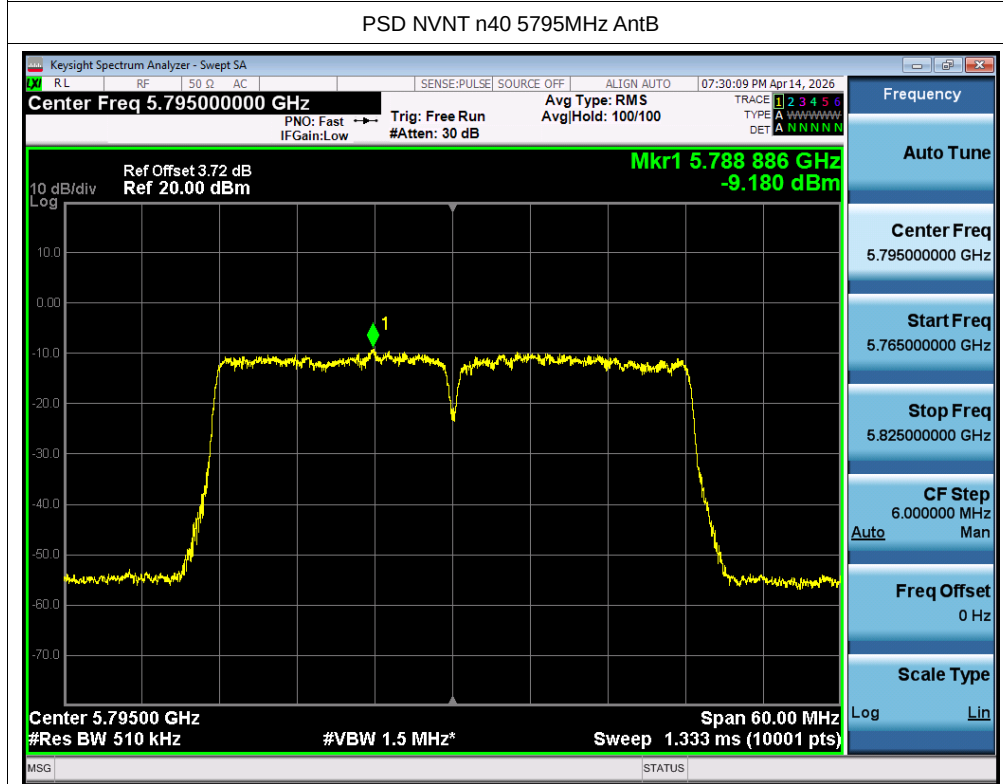
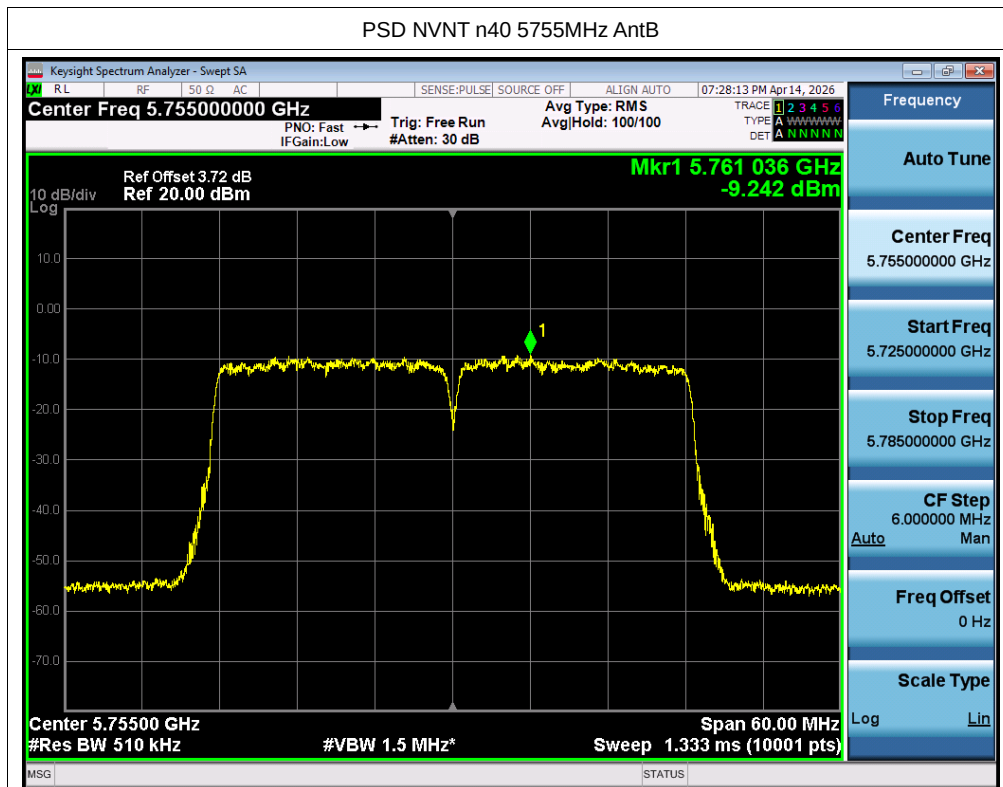


PSD NVNT a 5785MHz AntB

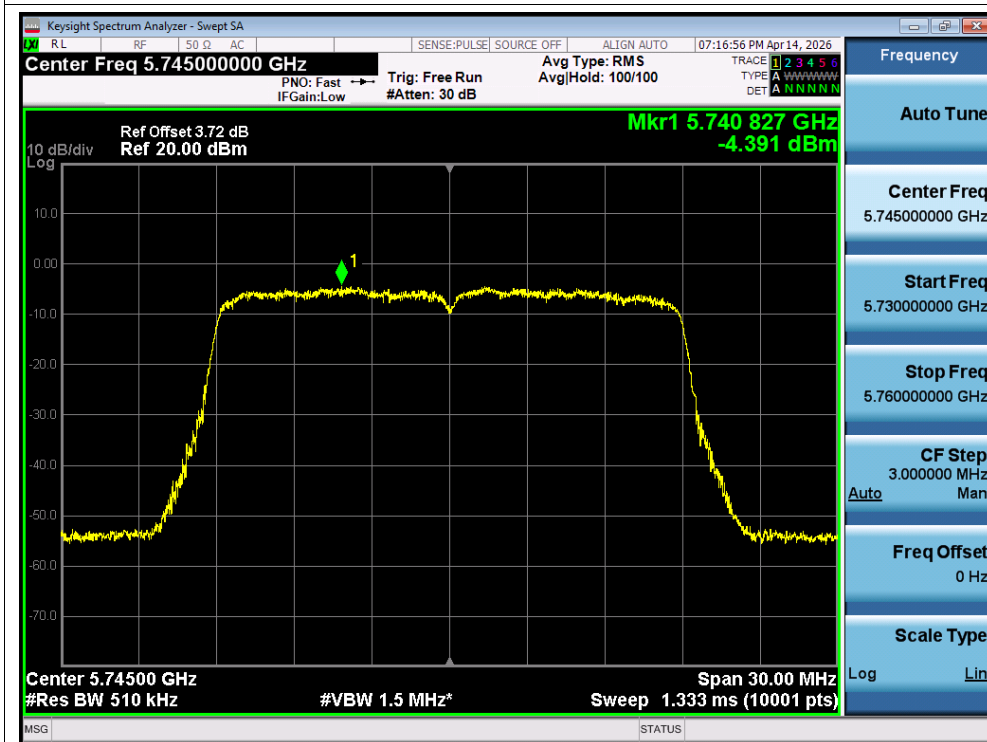




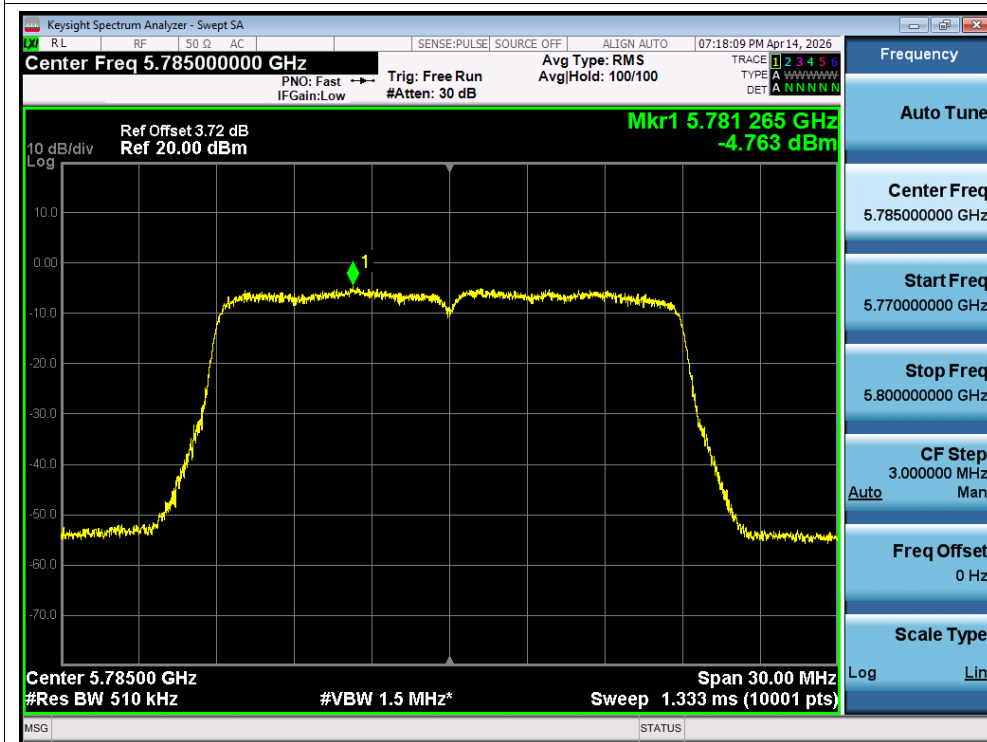




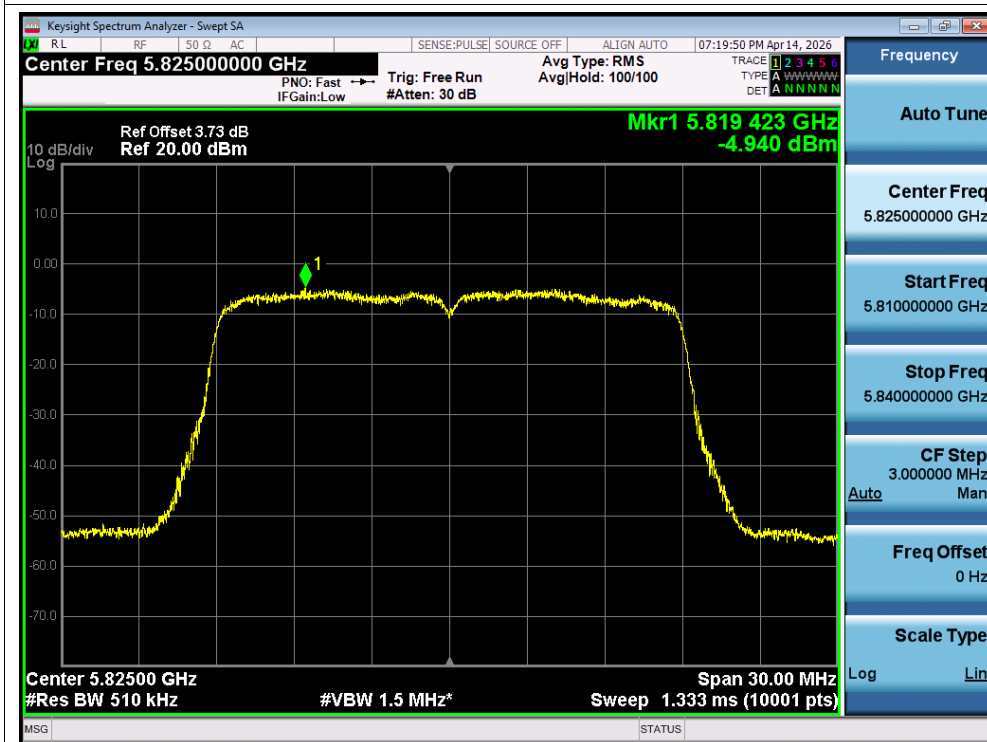
PSD NVNT ac20 5745MHz AntB



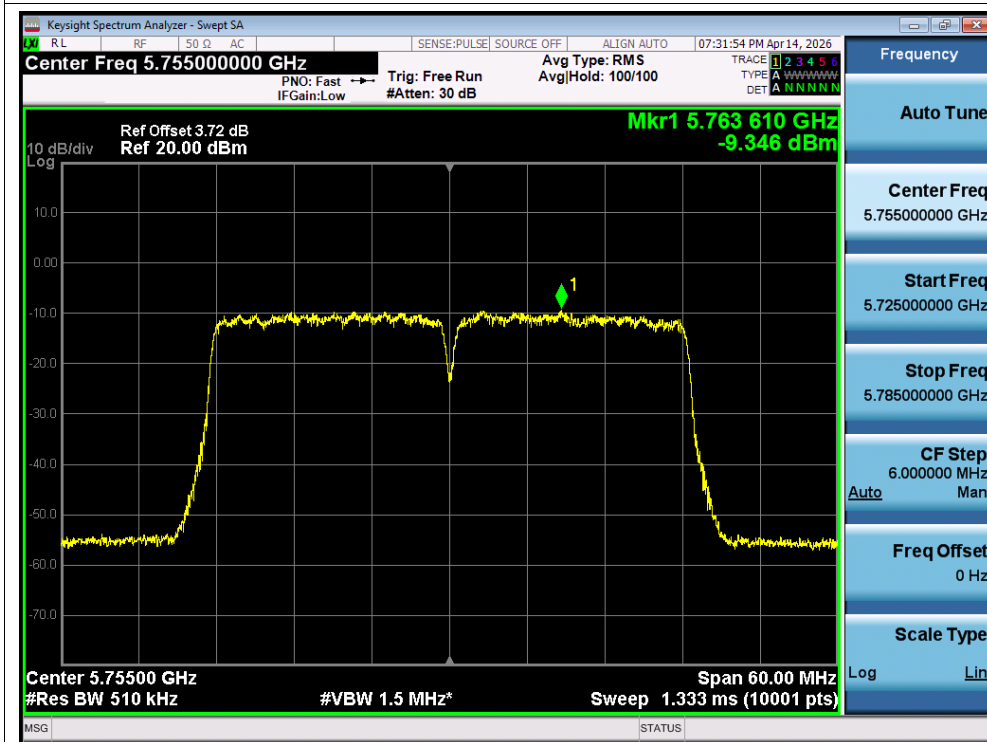
PSD NVNT ac20 5785MHz AntB



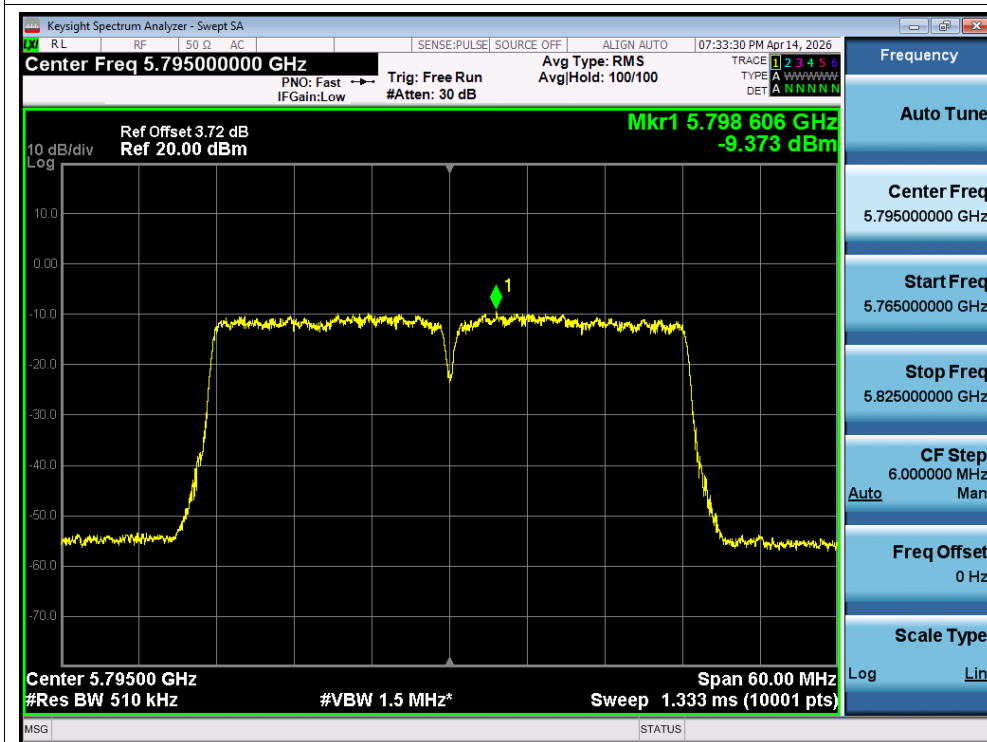
PSD NVNT ac20 5825MHz AntB



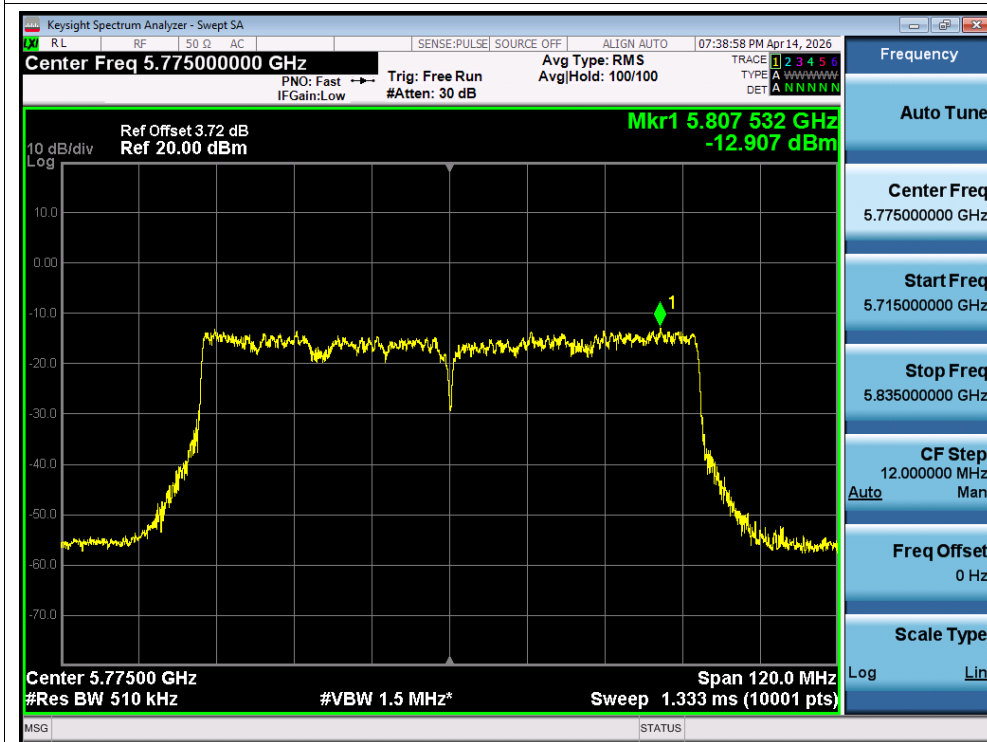
PSD NVNT ac40 5755MHz AntB



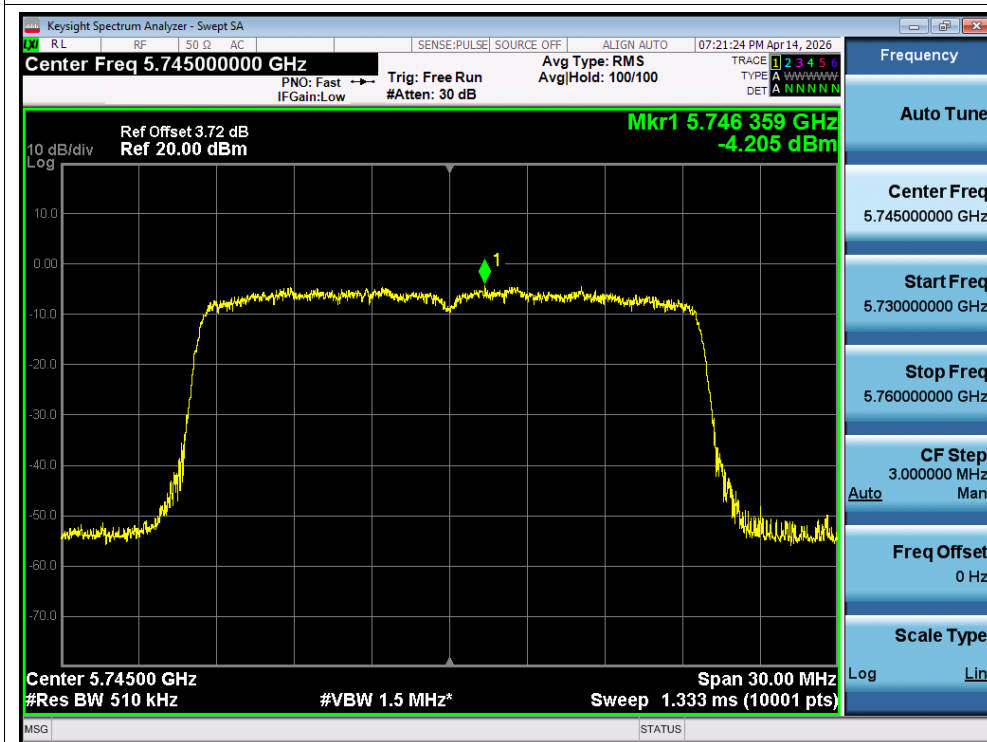
PSD NVNT ac40 5795MHz AntB



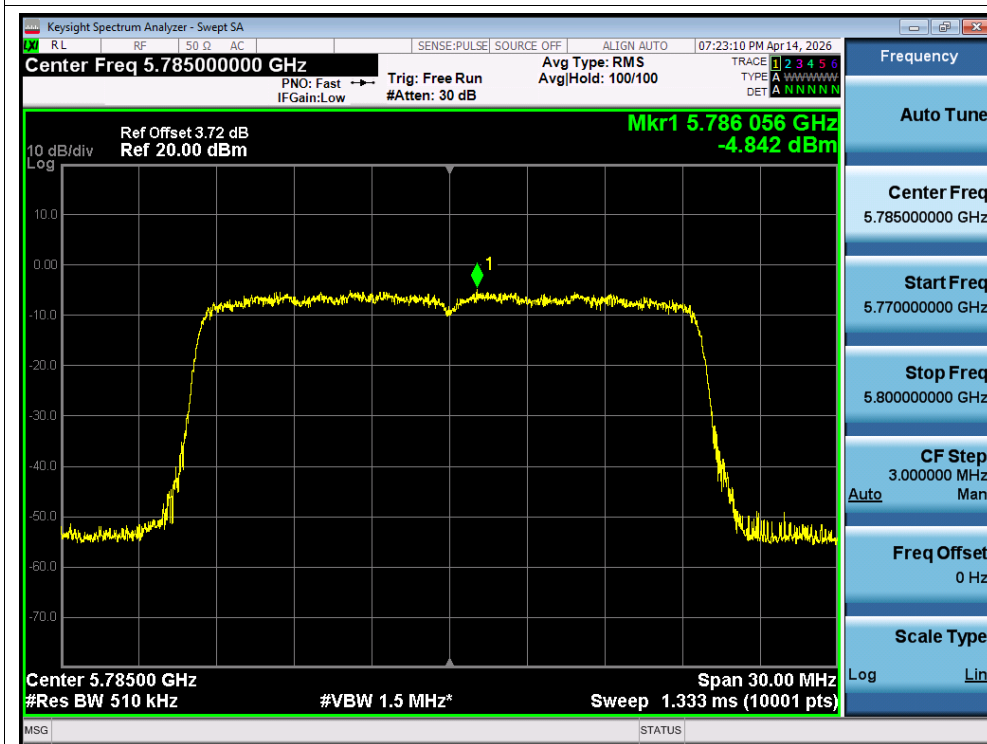
PSD NVNT ac80 5775MHz AntB



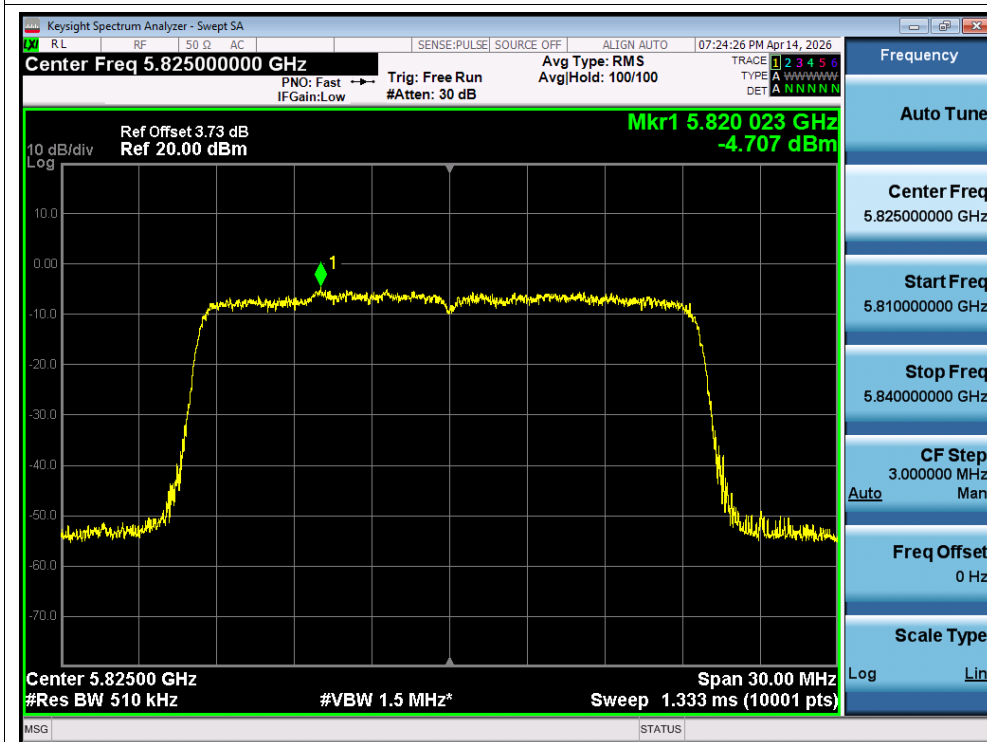
PSD NVNT ax20 5745MHz AntB



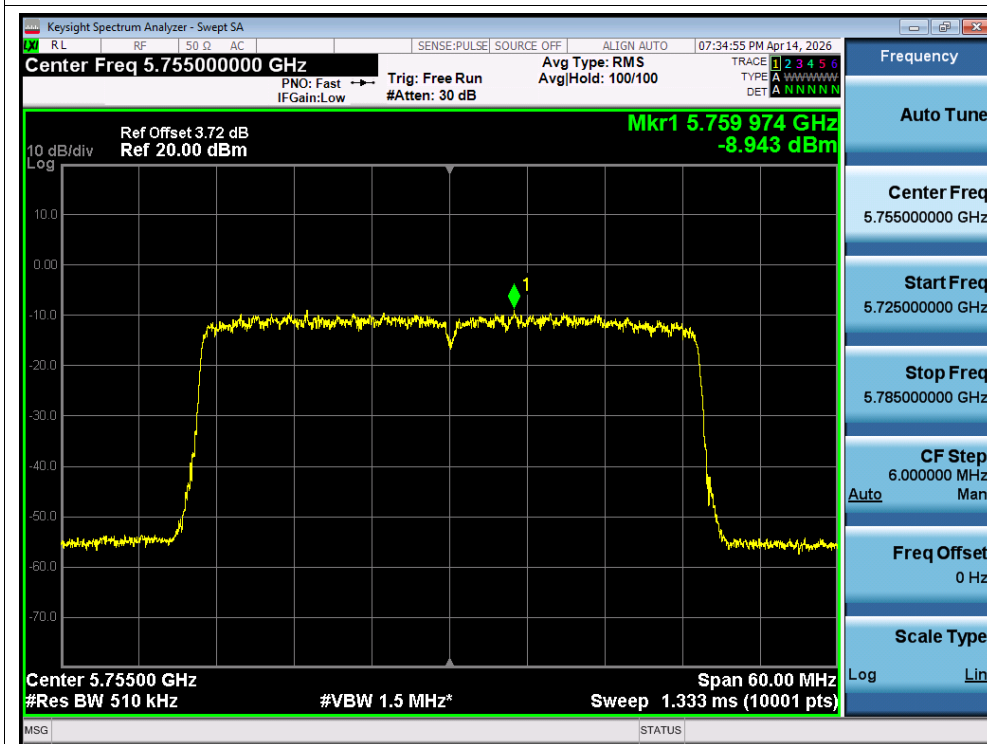
PSD NVNT ax20 5785MHz AntB



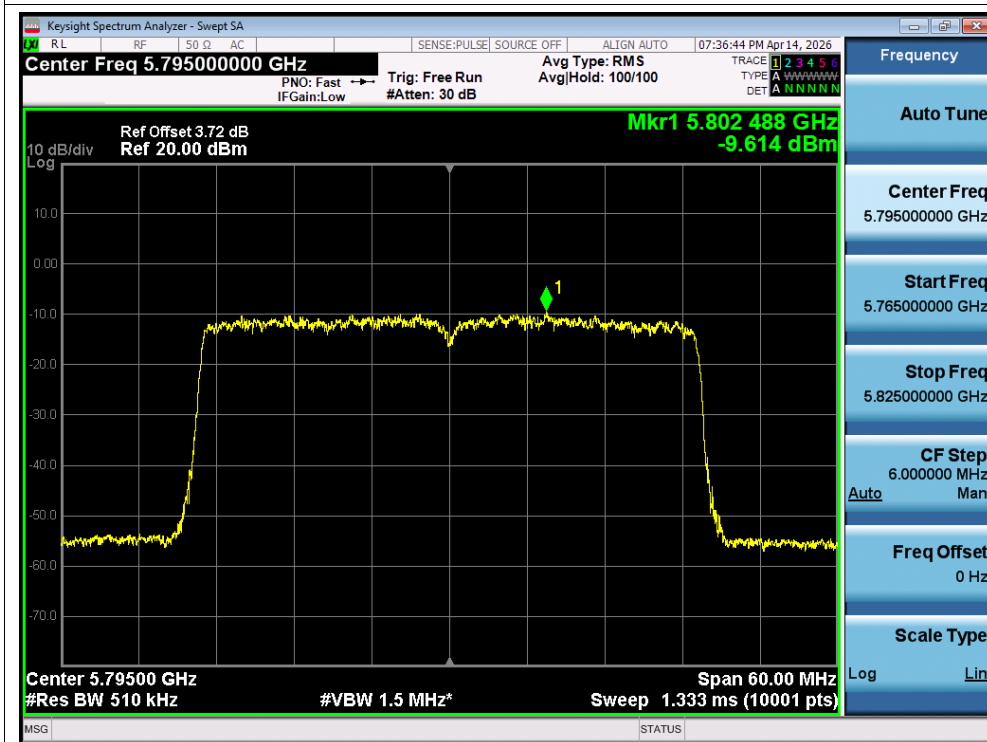
PSD NVNT ax20 5825MHz AntB



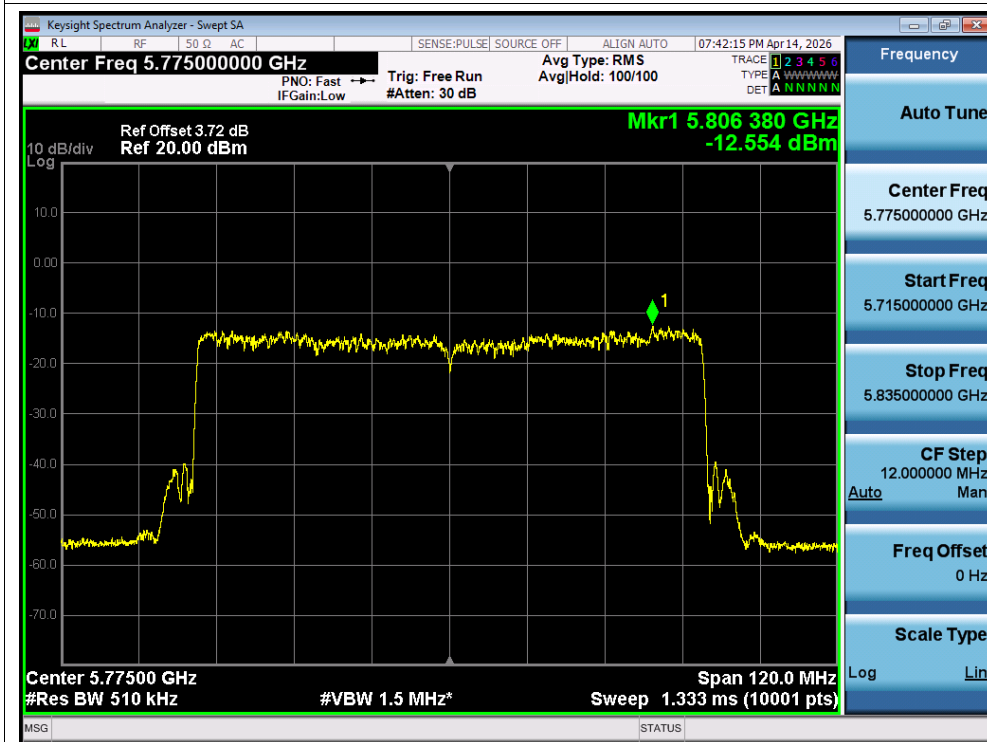
PSD NVNT ax40 5755MHz AntB



PSD NVNT ax40 5795MHz AntB



PSD NVNT ax80 5775MHz AntB

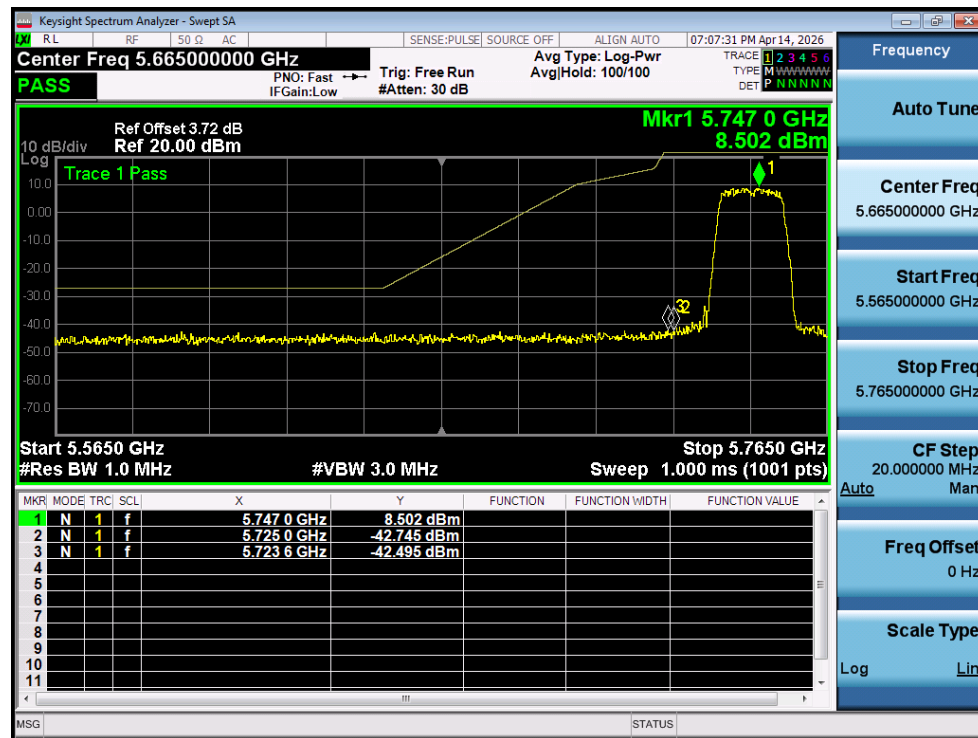


Band Edge

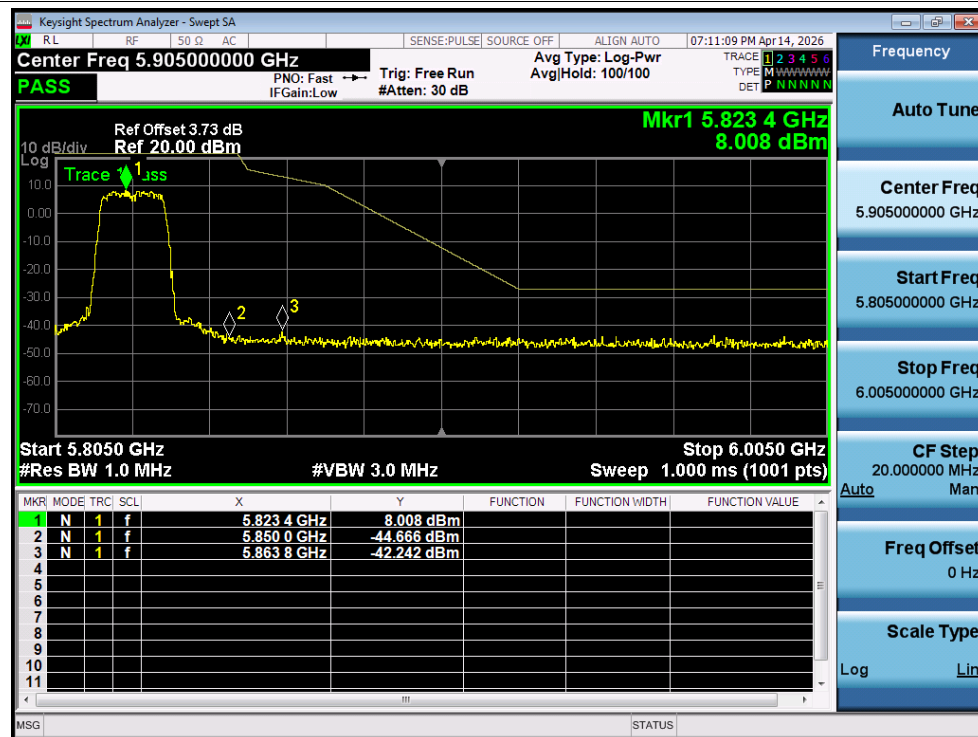
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	AntB	-42.49		Pass
		5825		-42.24		Pass
	n20	5745		-41.98		Pass
		5825		-43.36		Pass
	n40	5755		-42.3		Pass
		5795		-44.2		Pass
	ac20	5745		-41.66		Pass
		5825		-43.6		Pass
	ac40	5755		-41.93		Pass
		5795		-43.26		Pass
	ac80	5775		-42.86		Pass
				-38.06		Pass
	ax20	5745		-38.29		Pass
		5825		-42.37		Pass
	ax40	5755		-42.06		Pass
		5795		-43.63		Pass
	ax80	5775		-43.05		Pass
				-42.2		Pass

Test Graphs

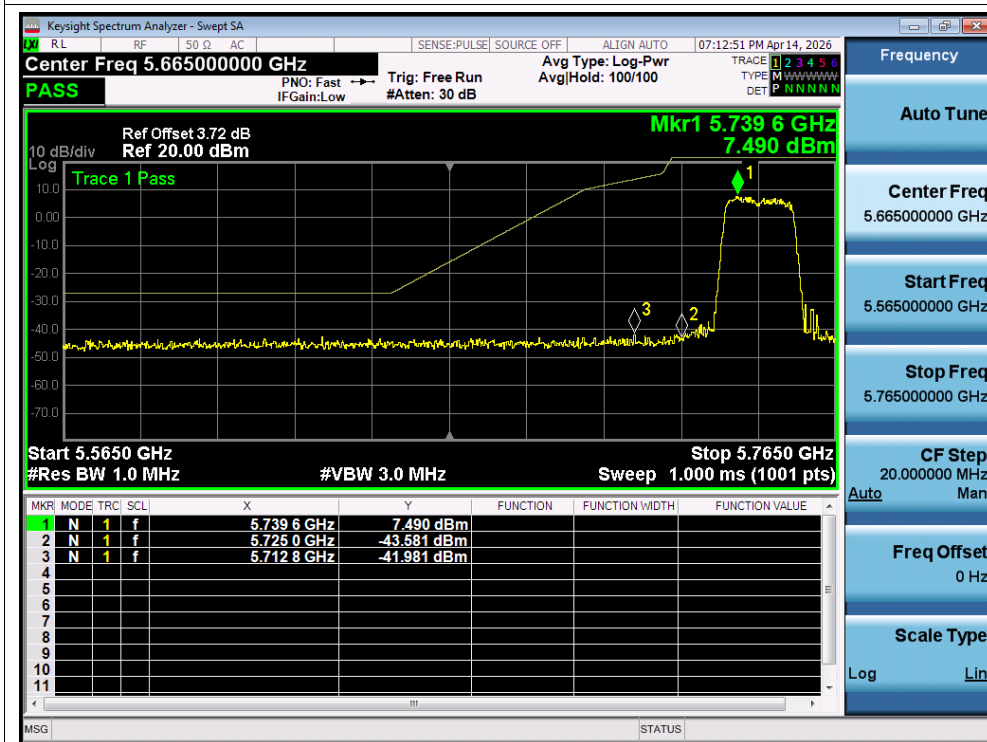
Band Edge NVNT a 5745MHz Low AntB



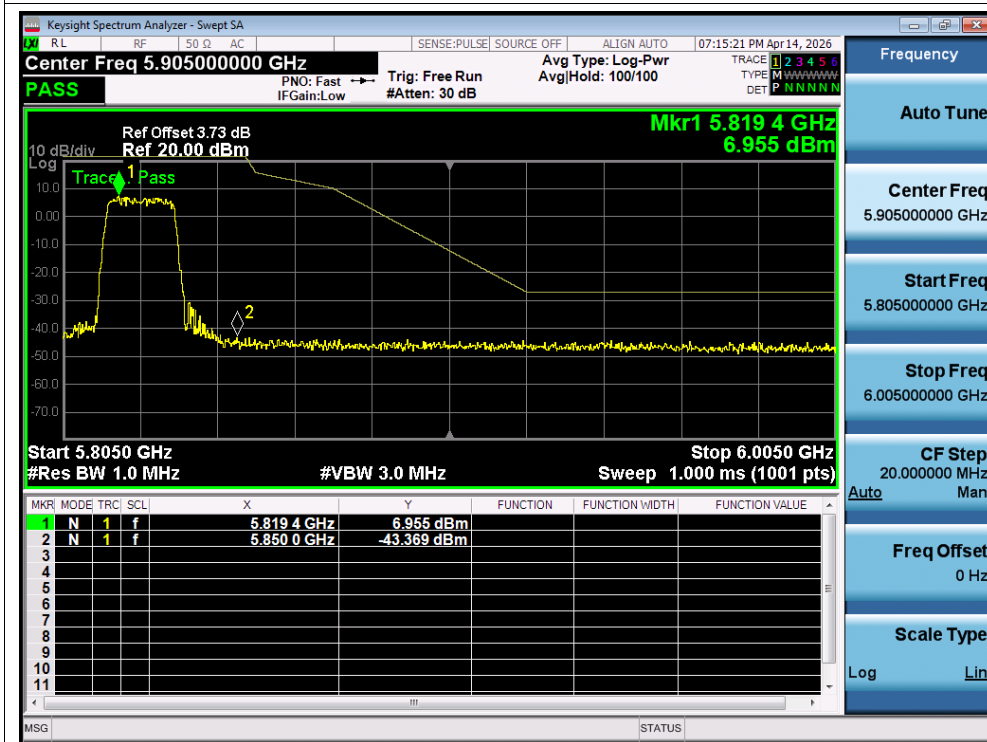
Band Edge NVNT a 5825MHz High AntB



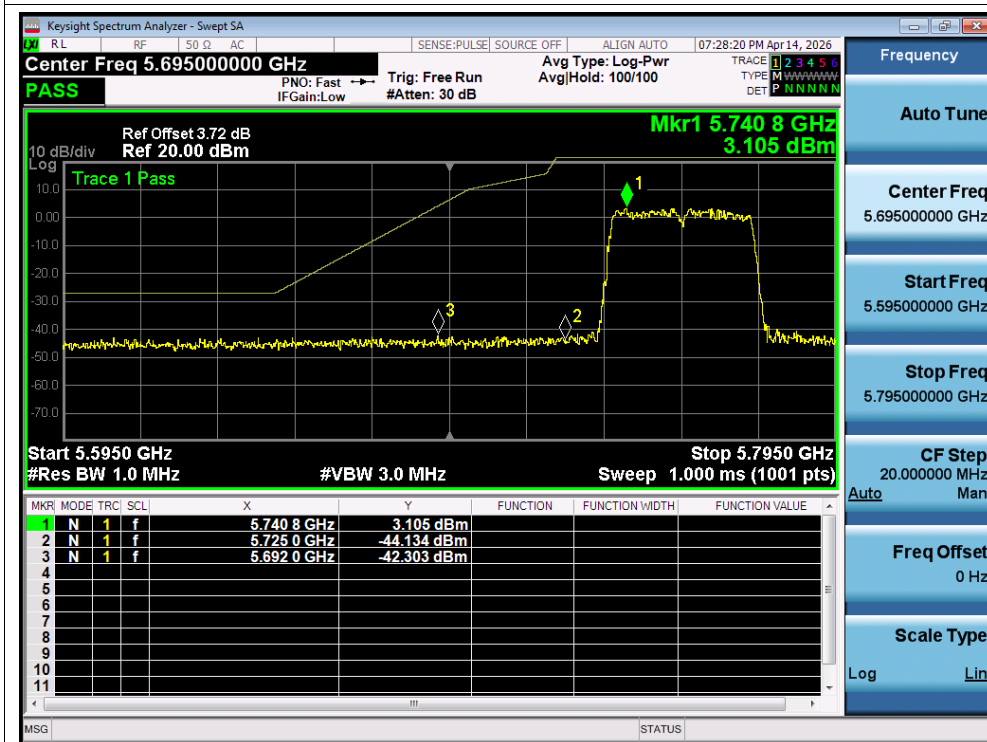
Band Edge NVNT n20 5745MHz Low AntB



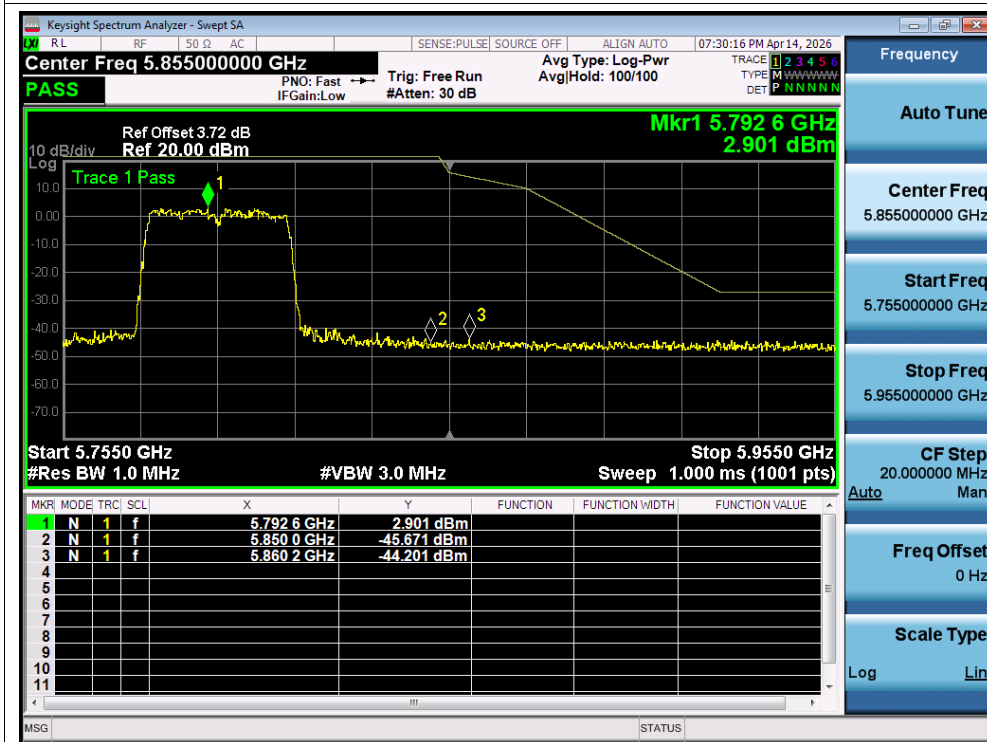
Band Edge NVNT n20 5825MHz High AntB



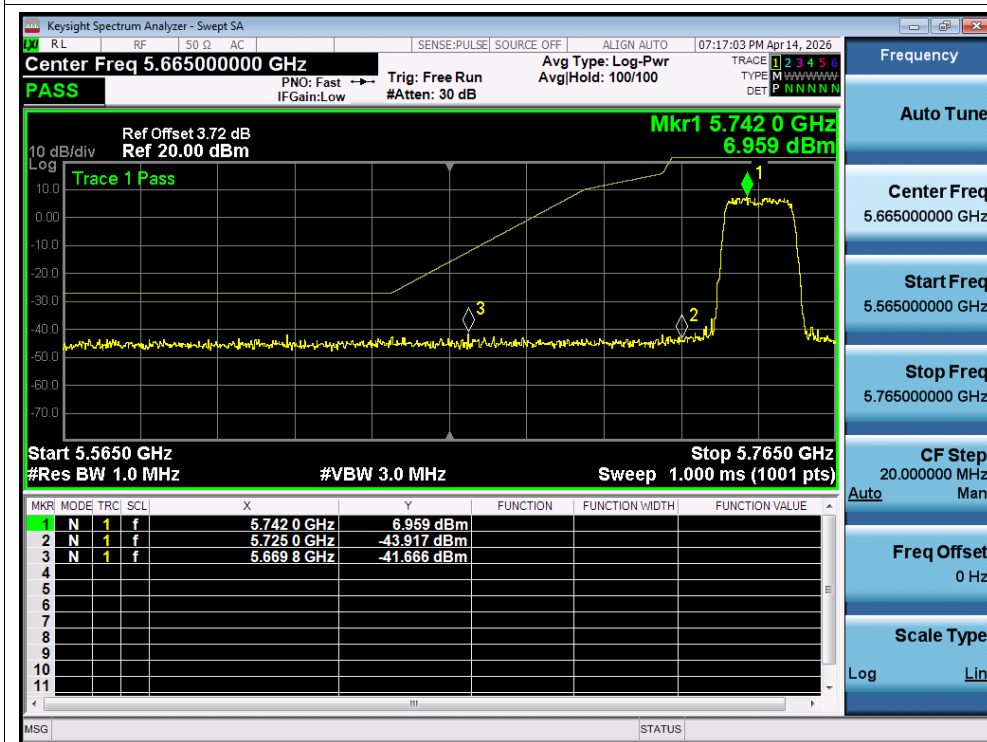
Band Edge NVNT n40 5755MHz Low AntB



Band Edge NVNT n40 5795MHz High AntB



Band Edge NVNT ac20 5745MHz Low AntB



Band Edge NVNT ac20 5825MHz High AntB

