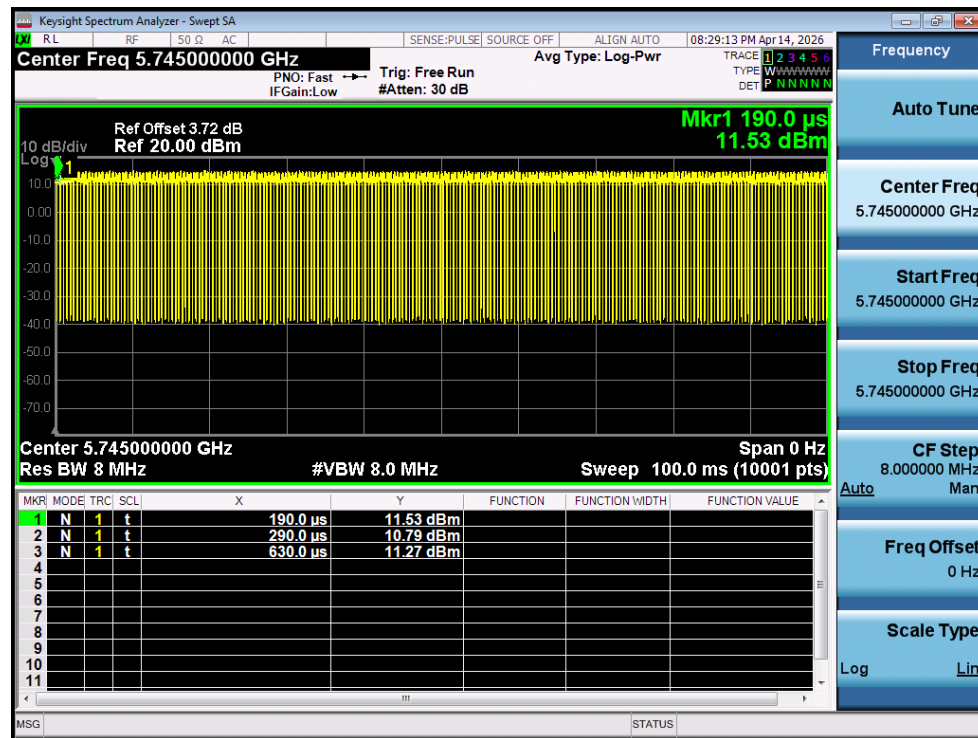


Duty Cycle

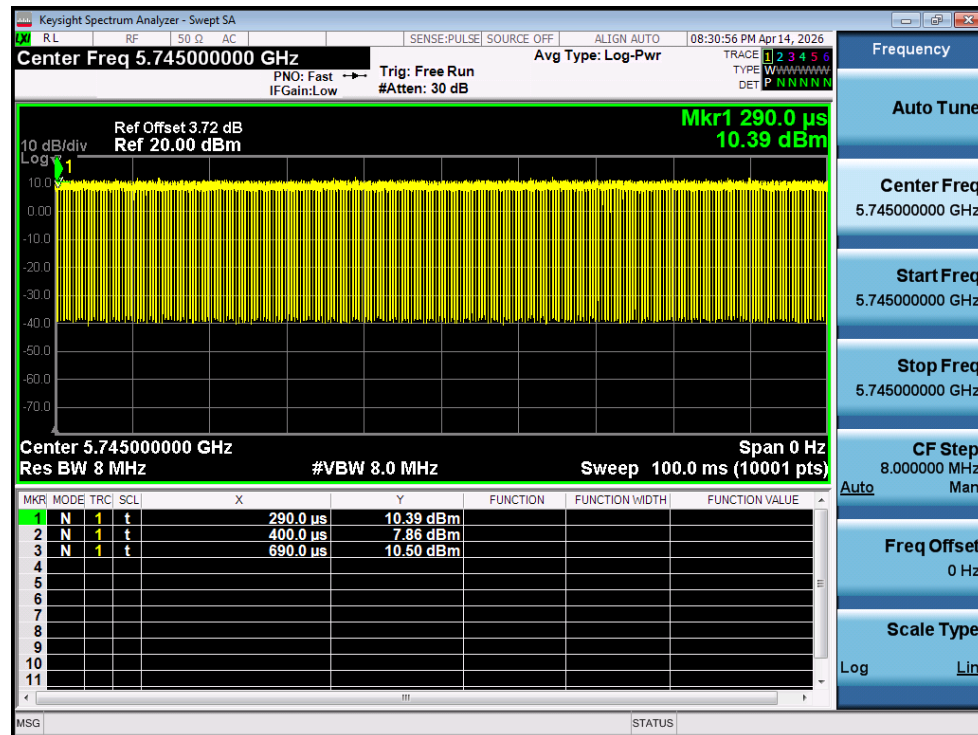
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	AntA	77.27	1.12	2.94
	n20			72.5	1.4	3.45
	n40	5755		61.54	2.11	6.25
	ac20	5745		75	1.25	3.33
	ac40	5755		62.96	2.01	5.88
	ac80	5775		50	3.01	10
	ax20	5745		73.68	1.33	3.57
	ax40	5755		61.54	2.11	6.25
	ax80	5775		50	3.01	9.09

Test Graphs

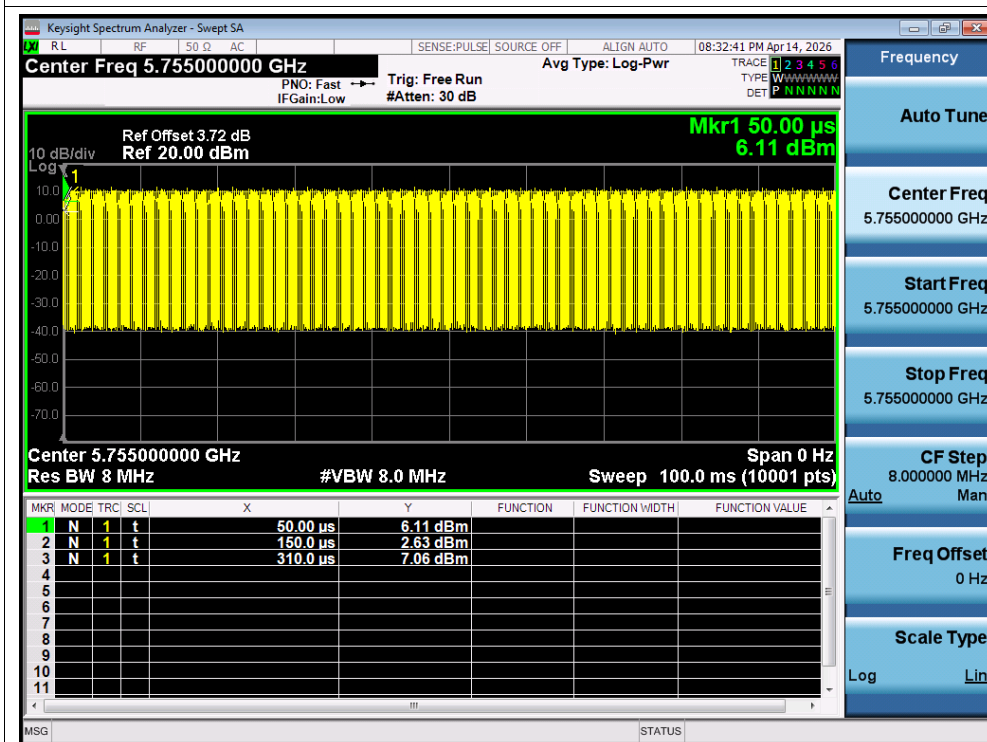
Duty Cycle NVNT a 5745MHz AntA



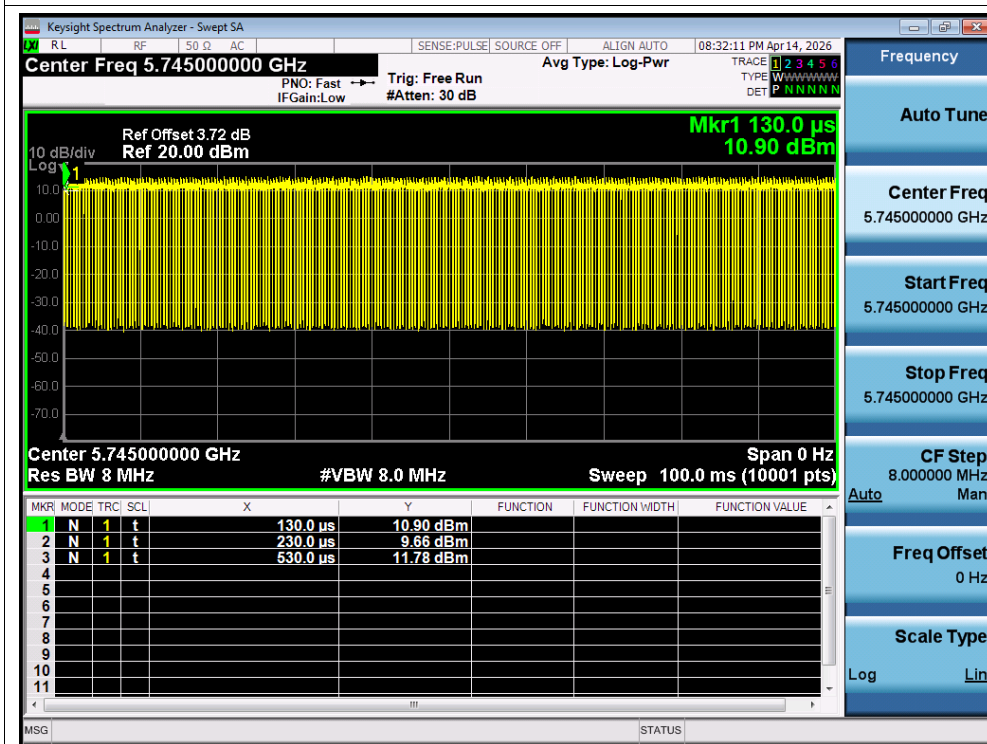
Duty Cycle NVNT n20 5745MHz AntA



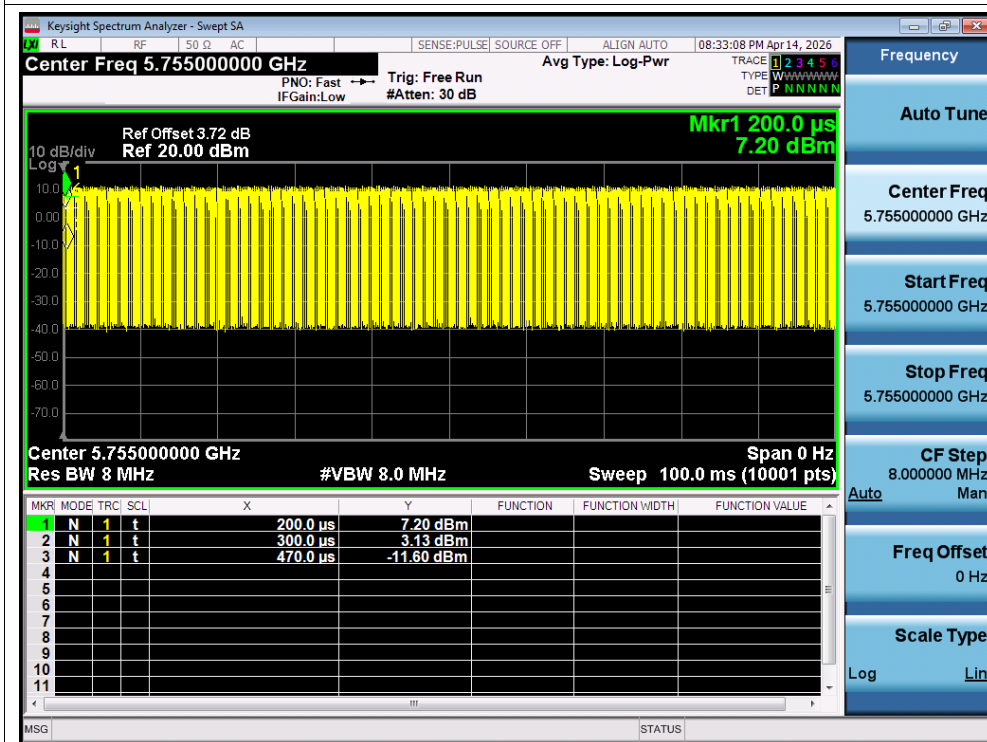
Duty Cycle NVNT n40 5755MHz AntA



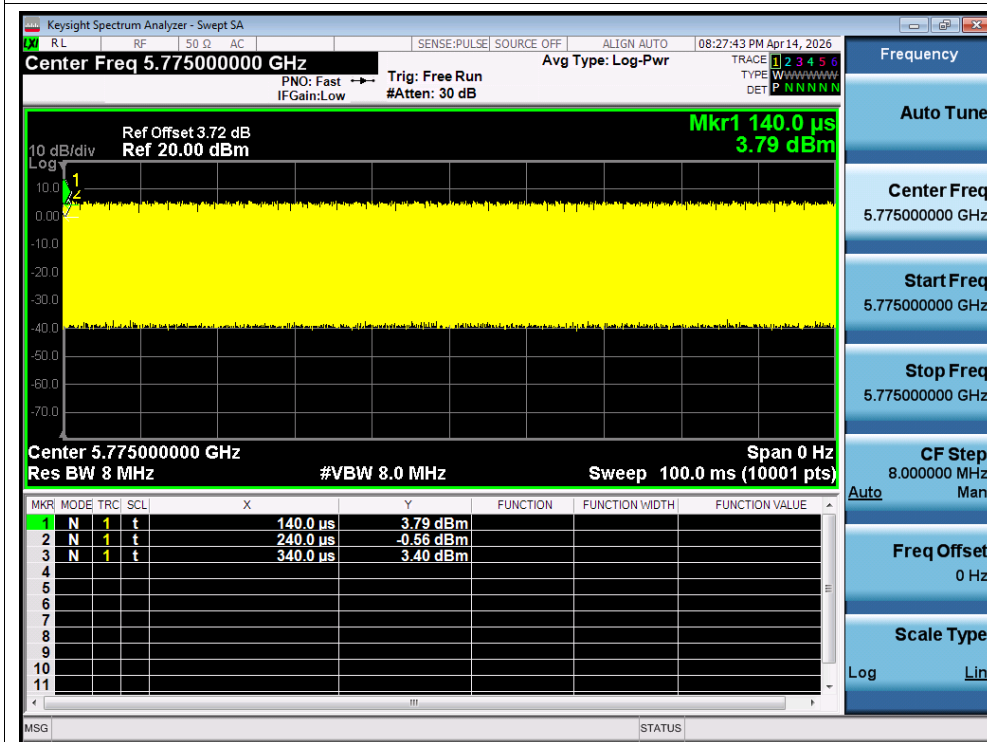
Duty Cycle NVNT ac20 5745MHz AntA



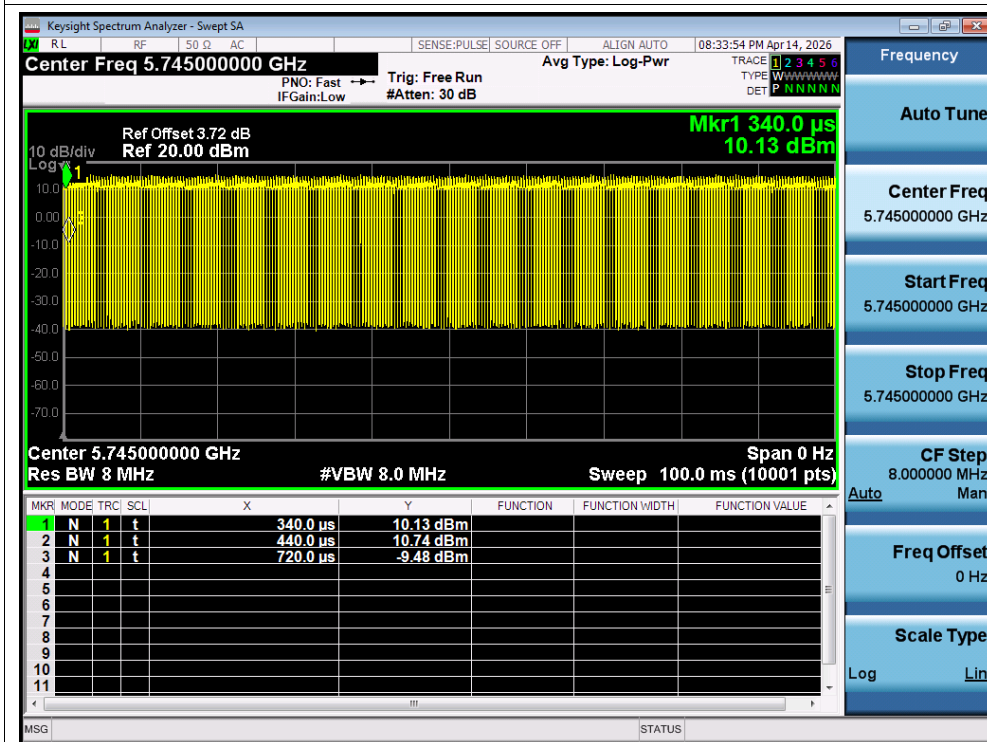
Duty Cycle NVNT ac40 5755MHz AntA



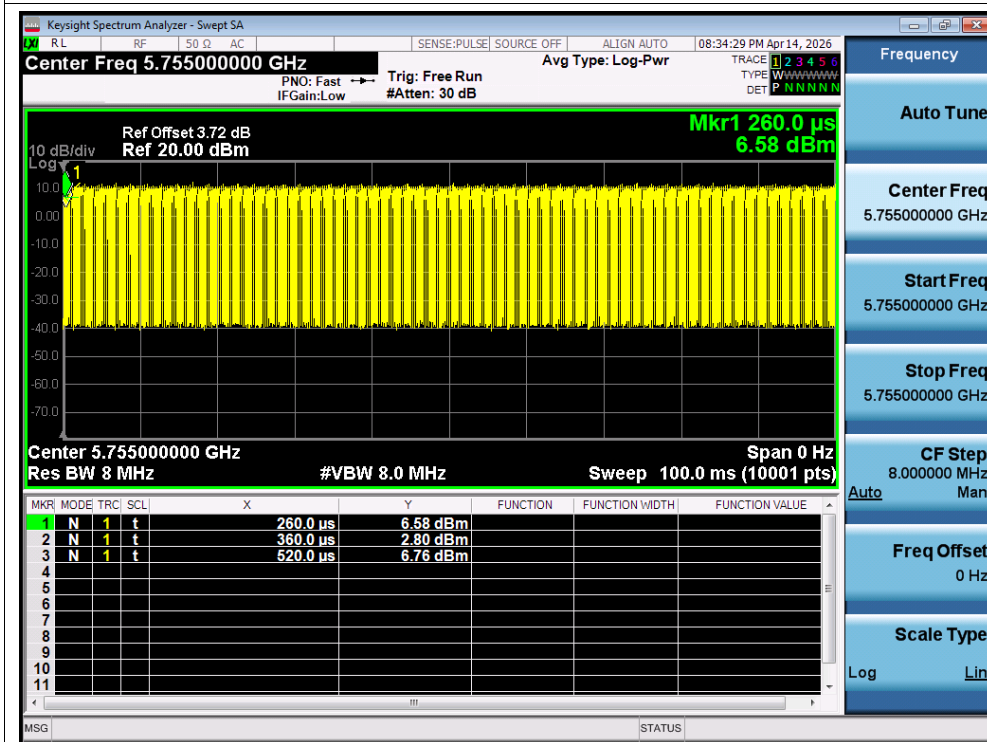
Duty Cycle NVNT ac80 5775MHz AntA

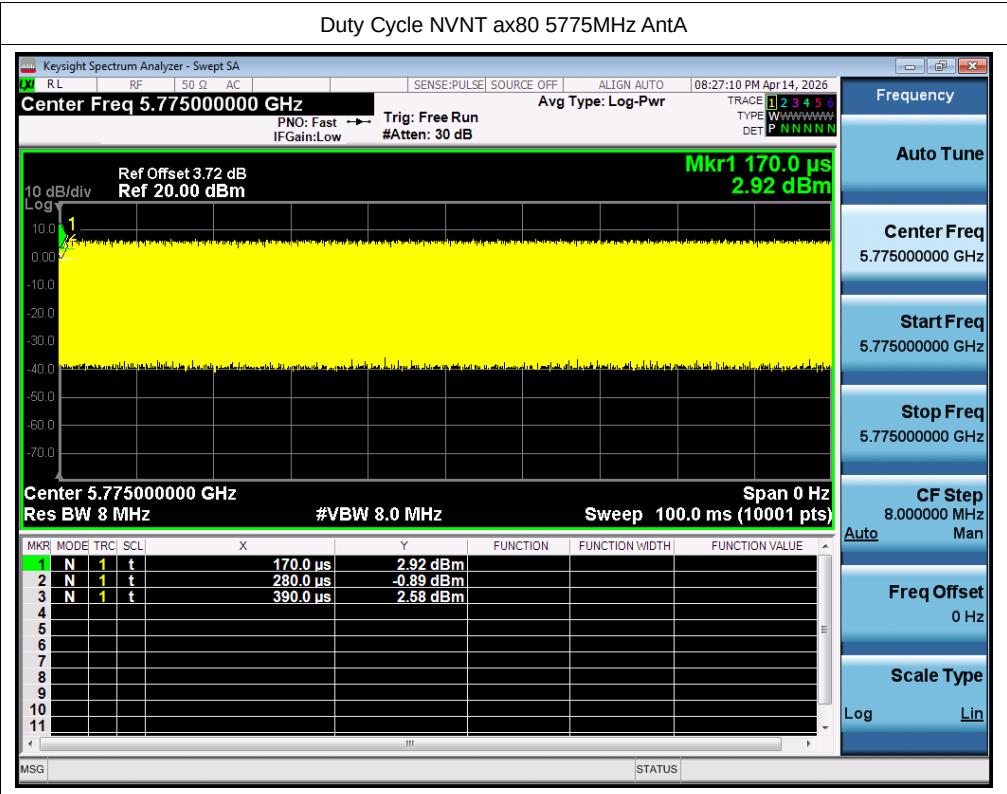


Duty Cycle NVNT ax20 5745MHz AntA



Duty Cycle NVNT ax40 5755MHz AntA





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	AntA	12.34	1.12	13.46	30	Pass
NVNT	a	5785	AntA	11.73	1.12	12.85	30	Pass
NVNT	a	5825	AntA	11.74	1.12	12.86	30	Pass
NVNT	n20	5745	AntA	11.13	1.4	12.53	30	Pass
NVNT	n20	5785	AntA	10.68	1.4	12.08	30	Pass
NVNT	n20	5825	AntA	10.66	1.4	12.06	30	Pass
NVNT	n40	5755	AntA	9.08	2.11	11.19	30	Pass
NVNT	n40	5795	AntA	8.81	2.11	10.92	30	Pass
NVNT	ac20	5745	AntA	11.13	1.25	12.38	30	Pass
NVNT	ac20	5785	AntA	10.7	1.25	11.95	30	Pass
NVNT	ac20	5825	AntA	10.69	1.25	11.94	30	Pass
NVNT	ac40	5755	AntA	9.11	2.01	11.12	30	Pass
NVNT	ac40	5795	AntA	8.71	2.01	10.72	30	Pass
NVNT	ac80	5775	AntA	8.06	3.01	11.07	30	Pass
NVNT	ax20	5745	AntA	11.06	1.33	12.39	30	Pass
NVNT	ax20	5785	AntA	10.69	1.33	12.02	30	Pass
NVNT	ax20	5825	AntA	10.59	1.33	11.92	30	Pass
NVNT	ax40	5755	AntA	9.06	2.11	11.17	30	Pass
NVNT	ax40	5795	AntA	8.85	2.11	10.96	30	Pass
NVNT	ax80	5775	AntA	8.44	3.01	11.45	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:

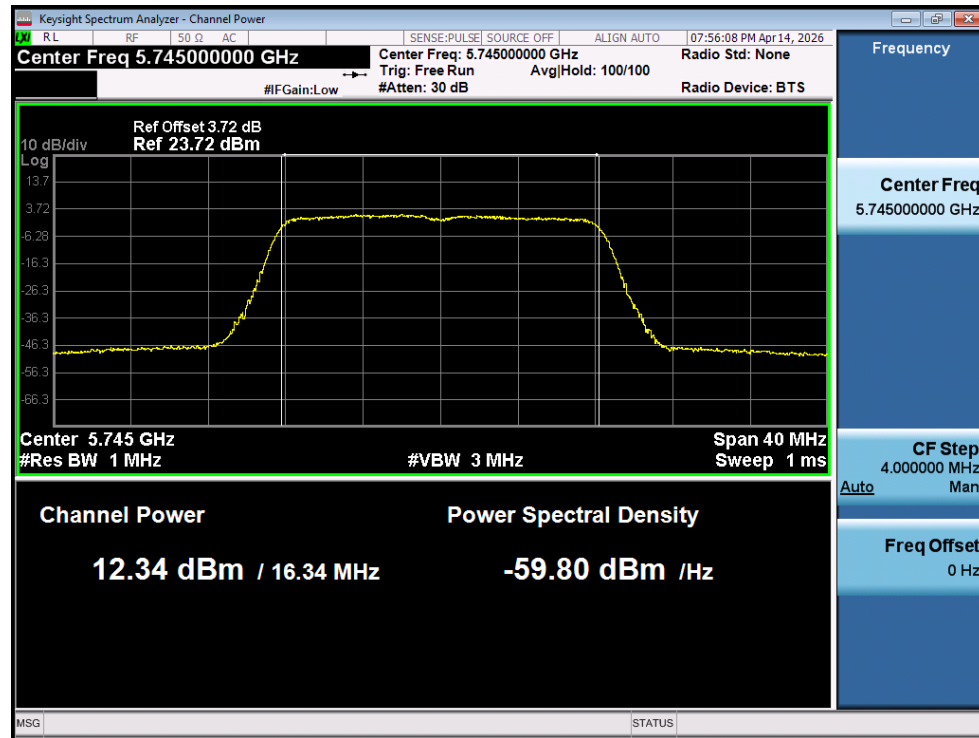
For power measurements,

The Array gain=0 for NANT≤4,

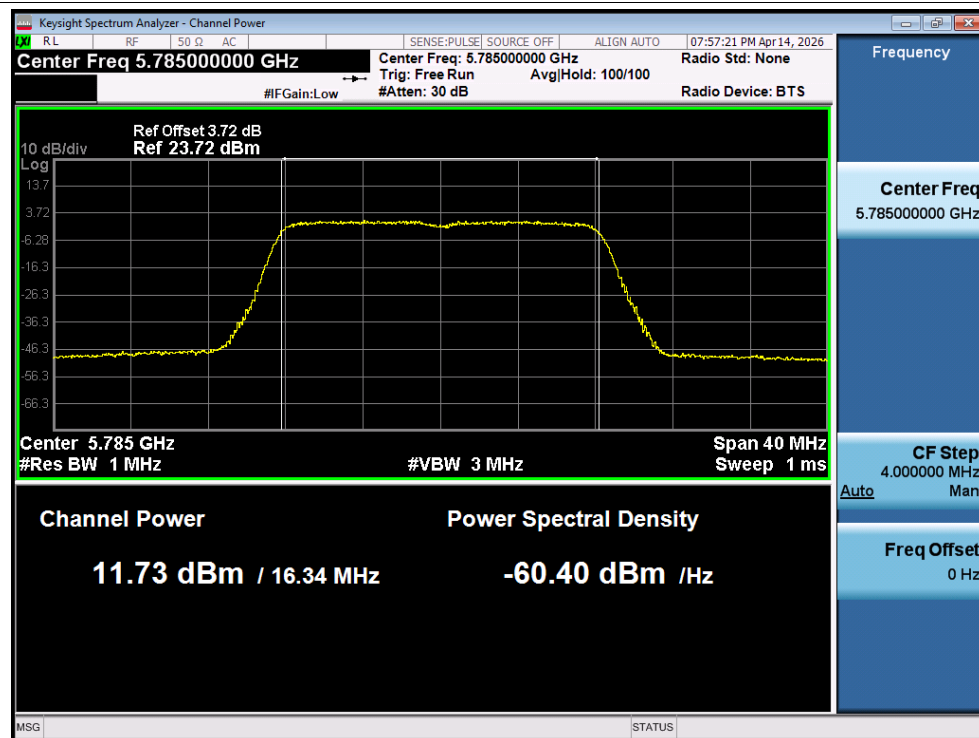
So the directional gain for Power measurements is 1.88 dBi.

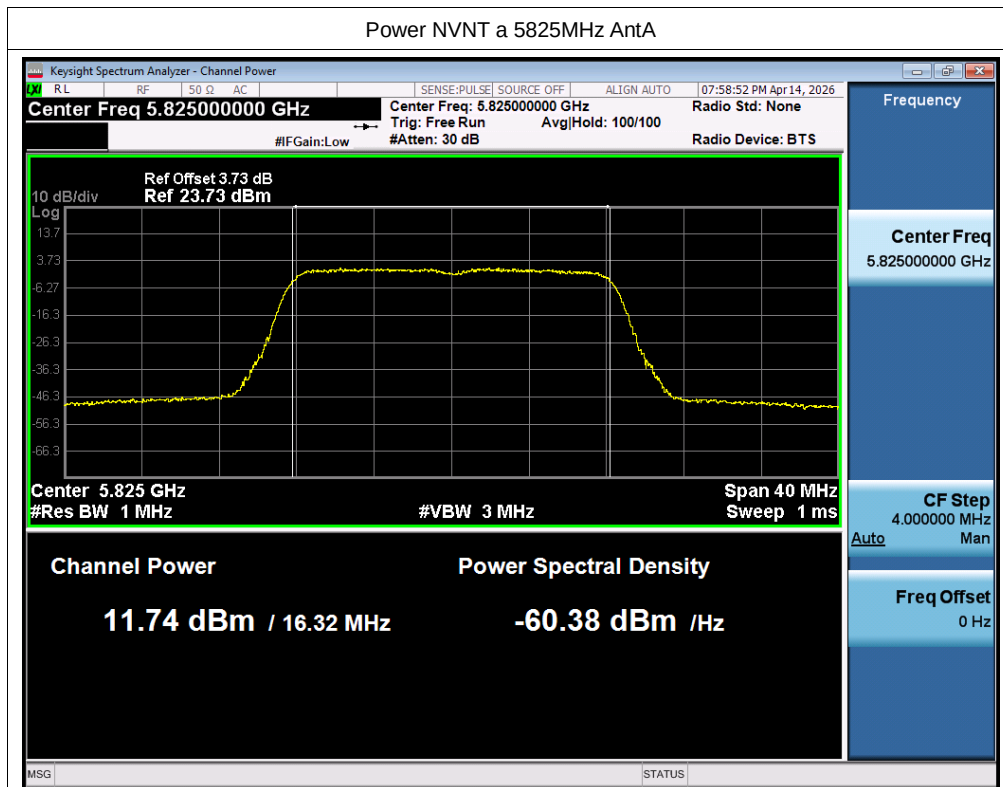
Test Graphs

Power NVNT a 5745MHz AntA

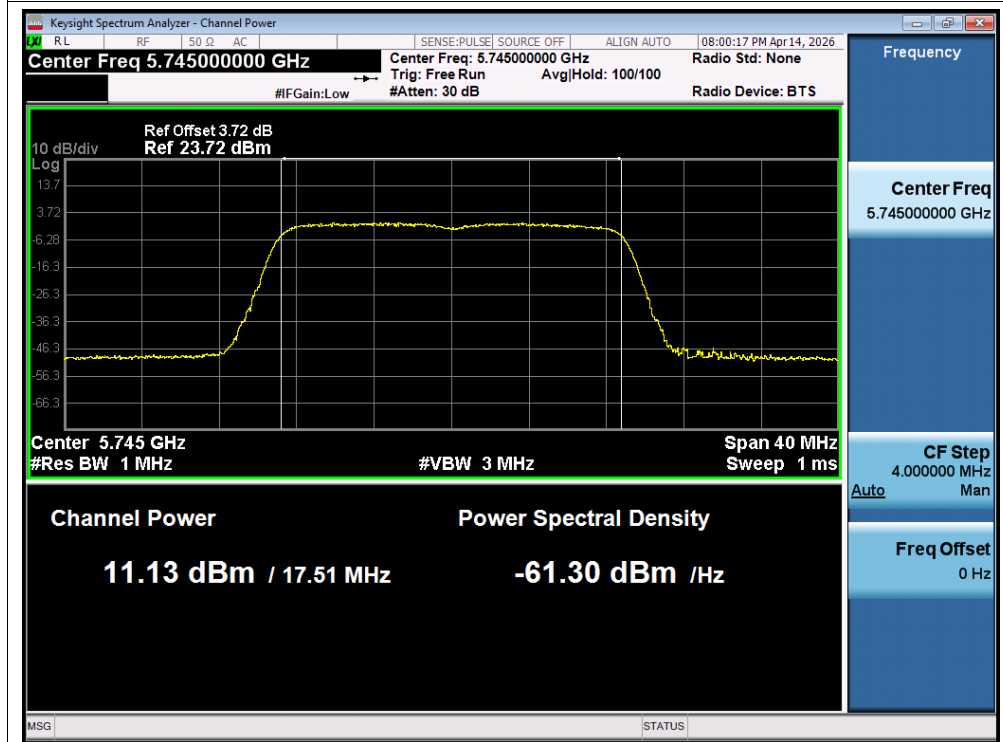


Power NVNT a 5785MHz AntA

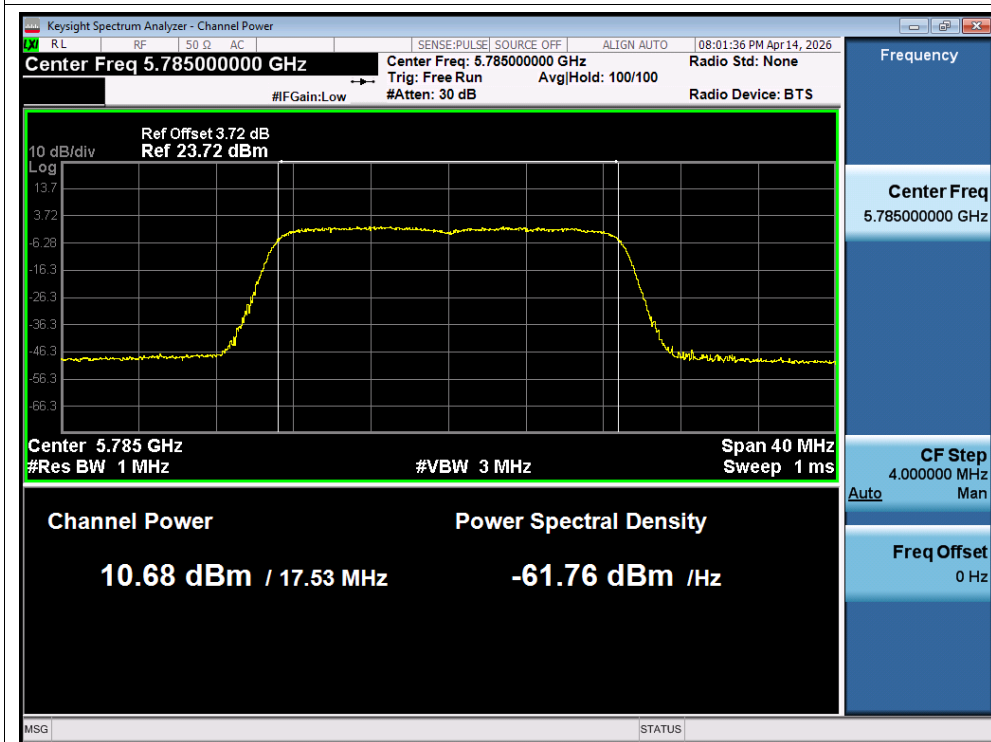




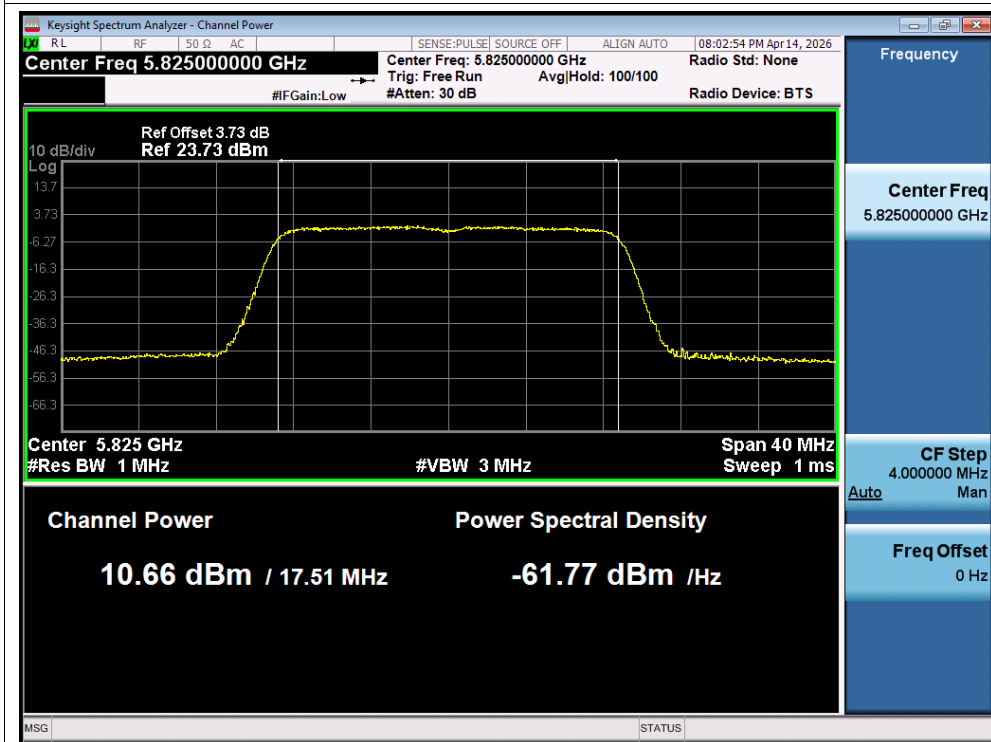
Power NVNT n20 5745MHz AntA



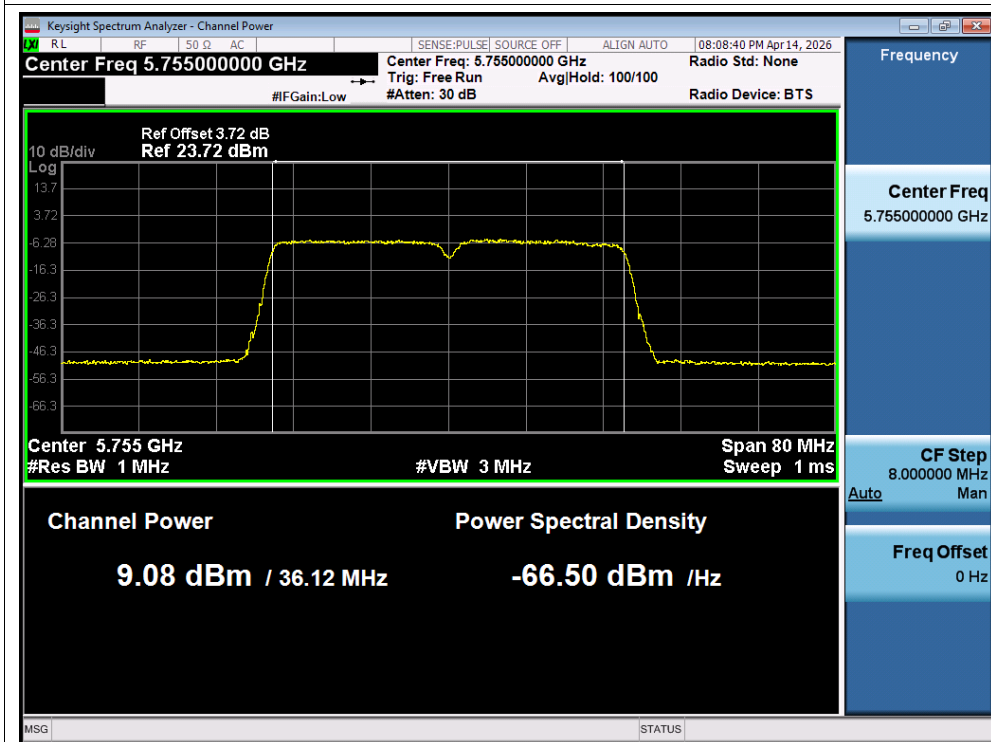
Power NVNT n20 5785MHz AntA



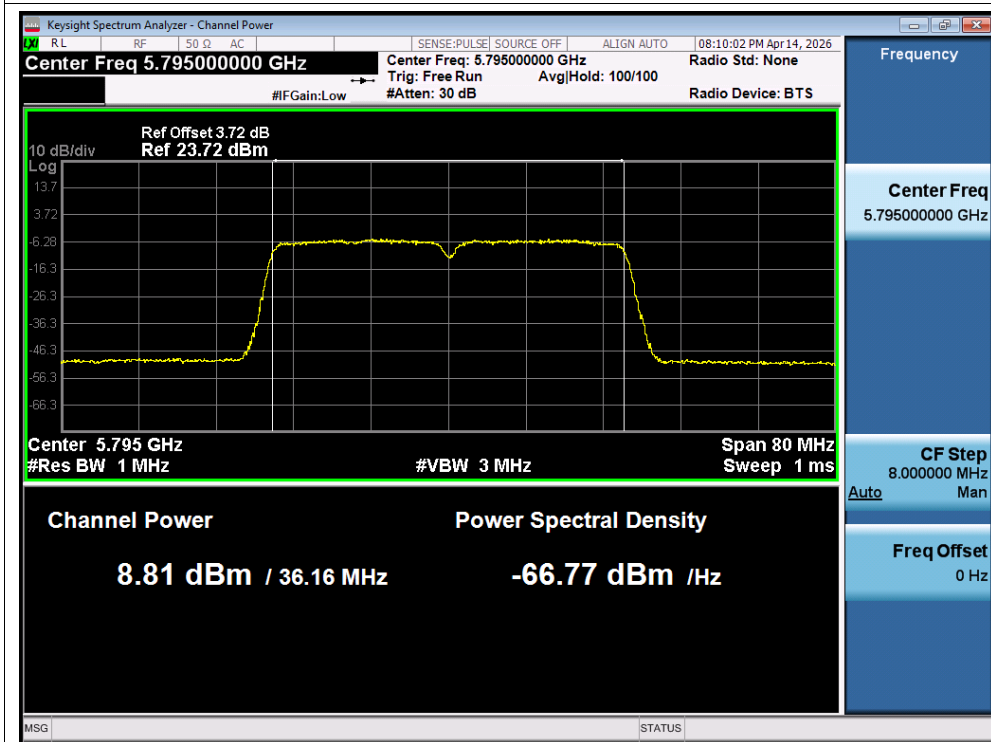
Power NVNT n20 5825MHz AntA



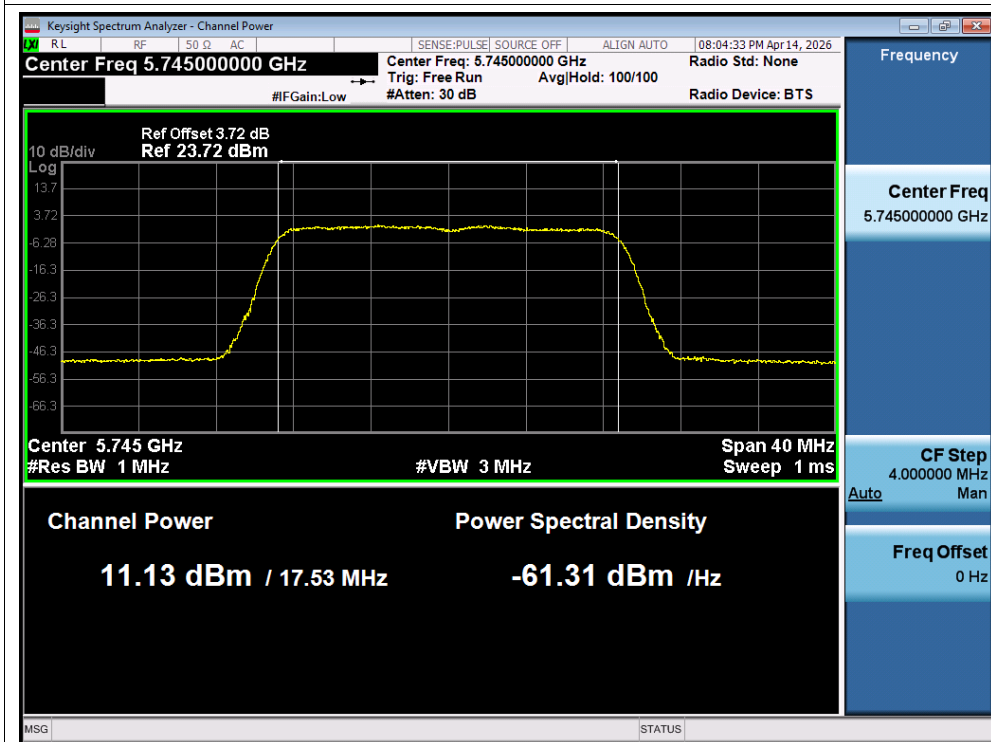
Power NVNT n40 5755MHz AntA



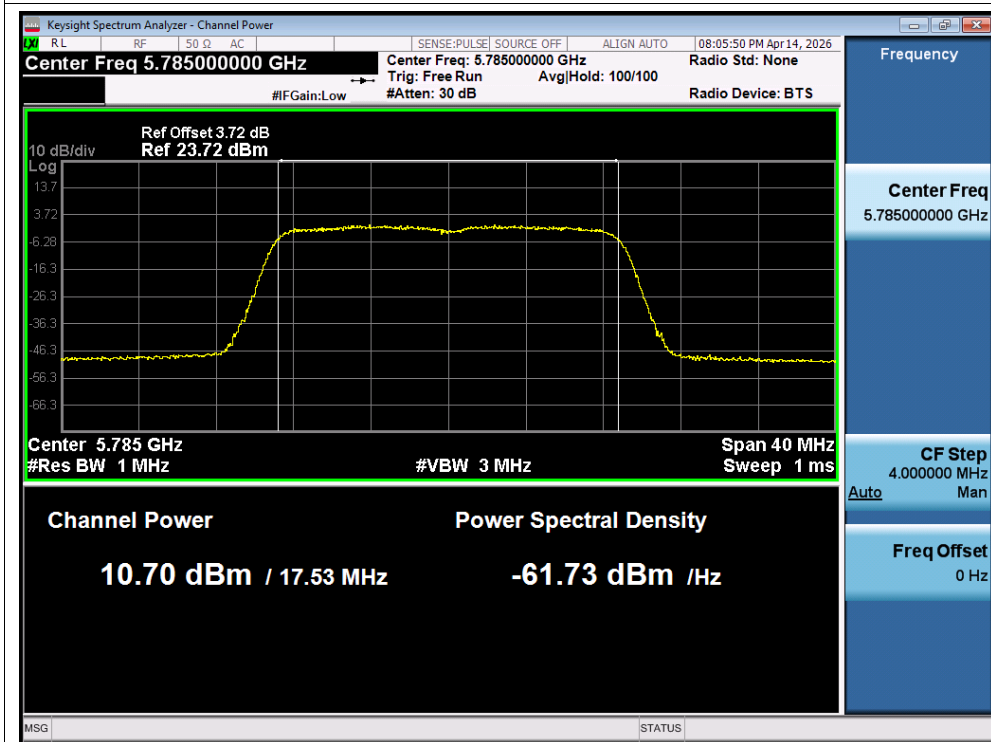
Power NVNT n40 5795MHz AntA

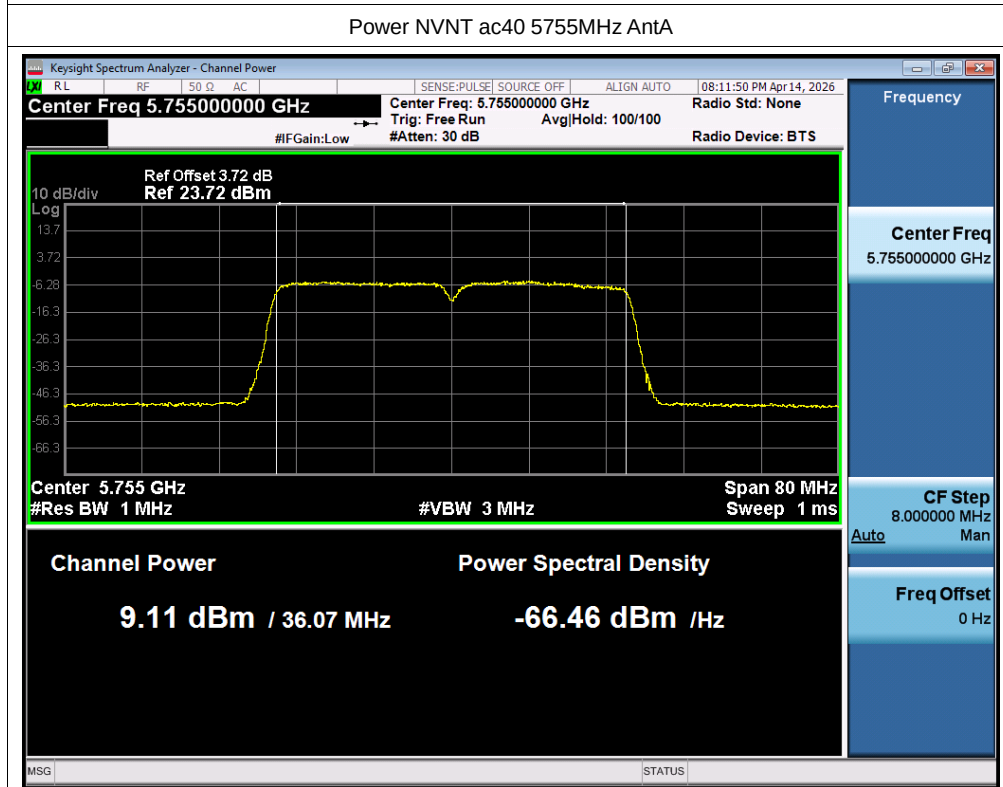
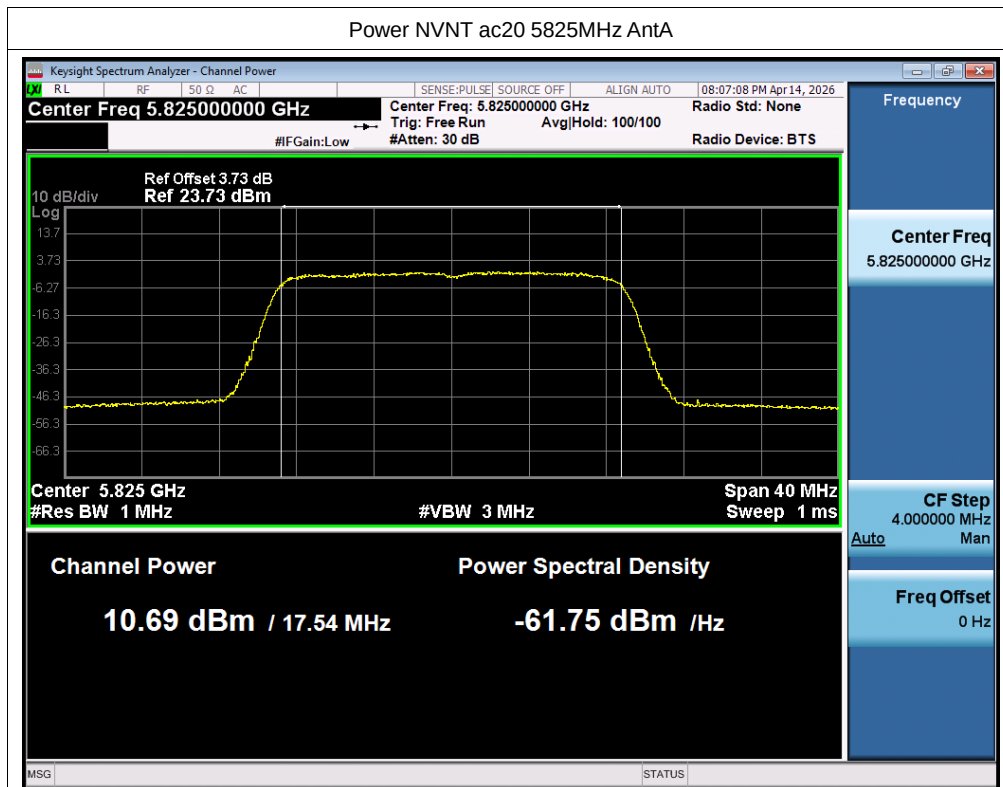


Power NVNT ac20 5745MHz AntA

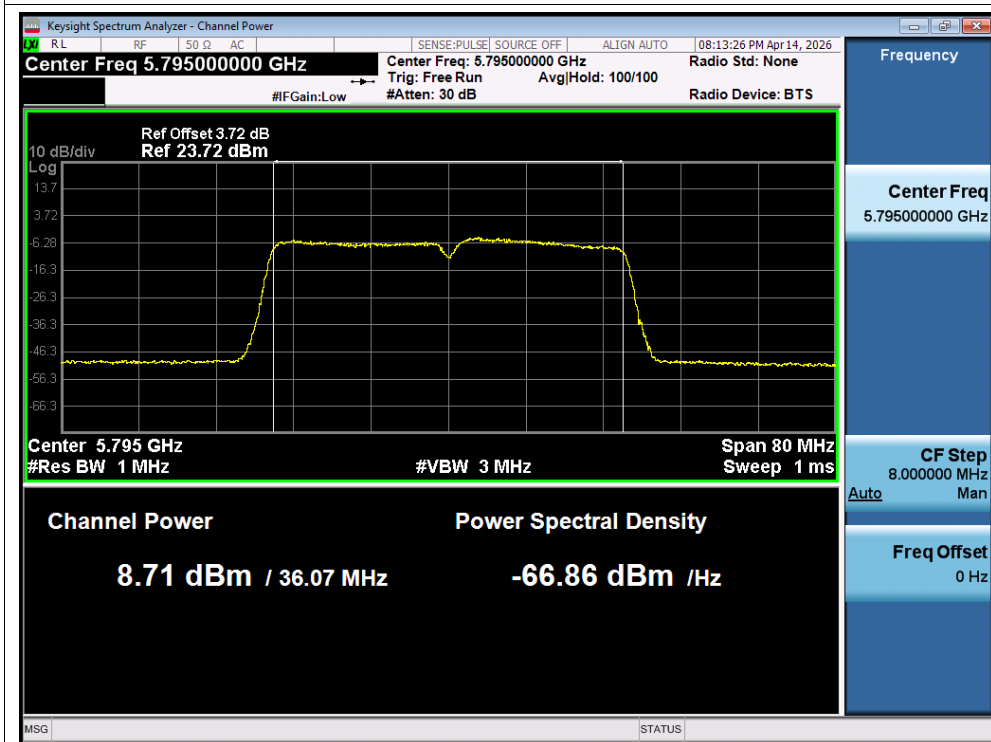


Power NVNT ac20 5785MHz AntA

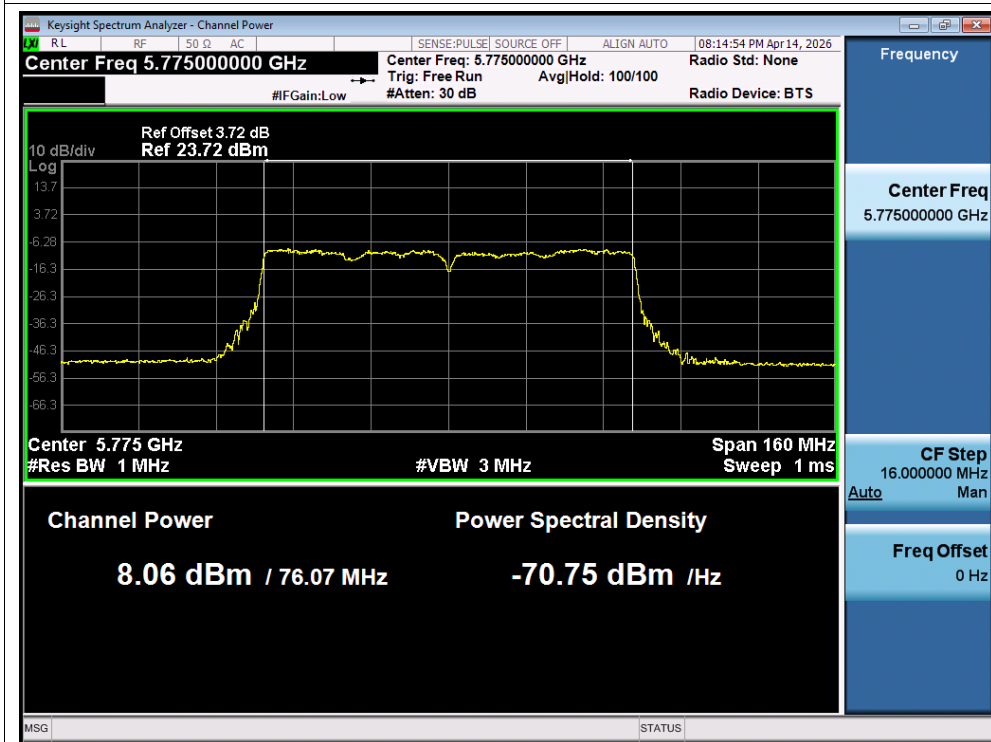




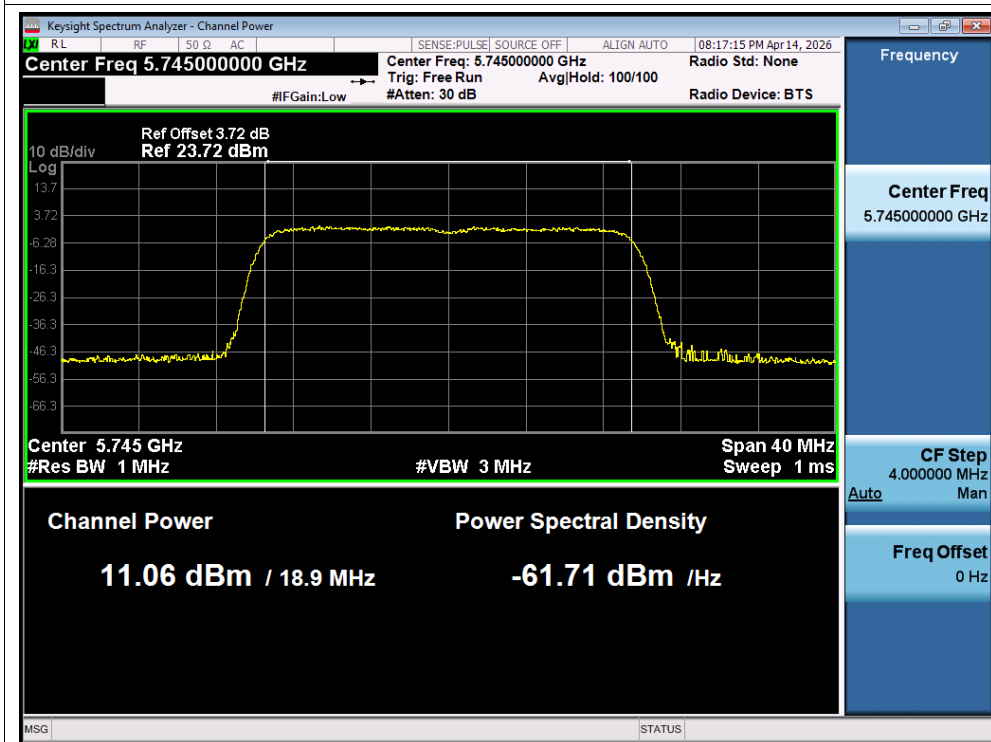
Power NVNT ac40 5795MHz AntA



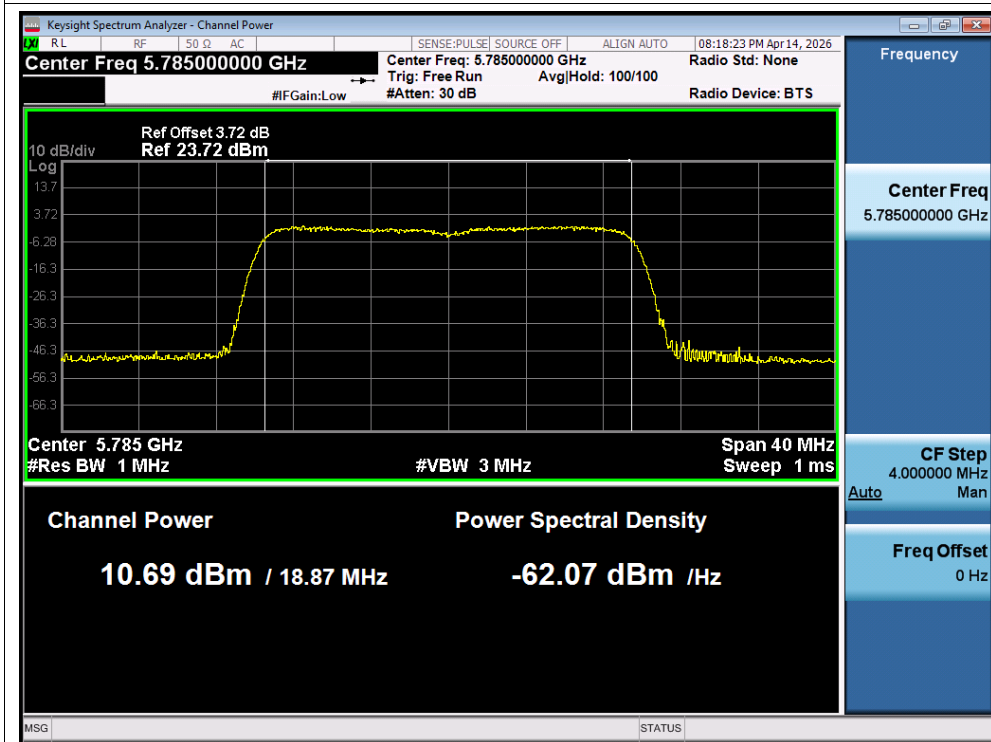
Power NVNT ac80 5775MHz AntA



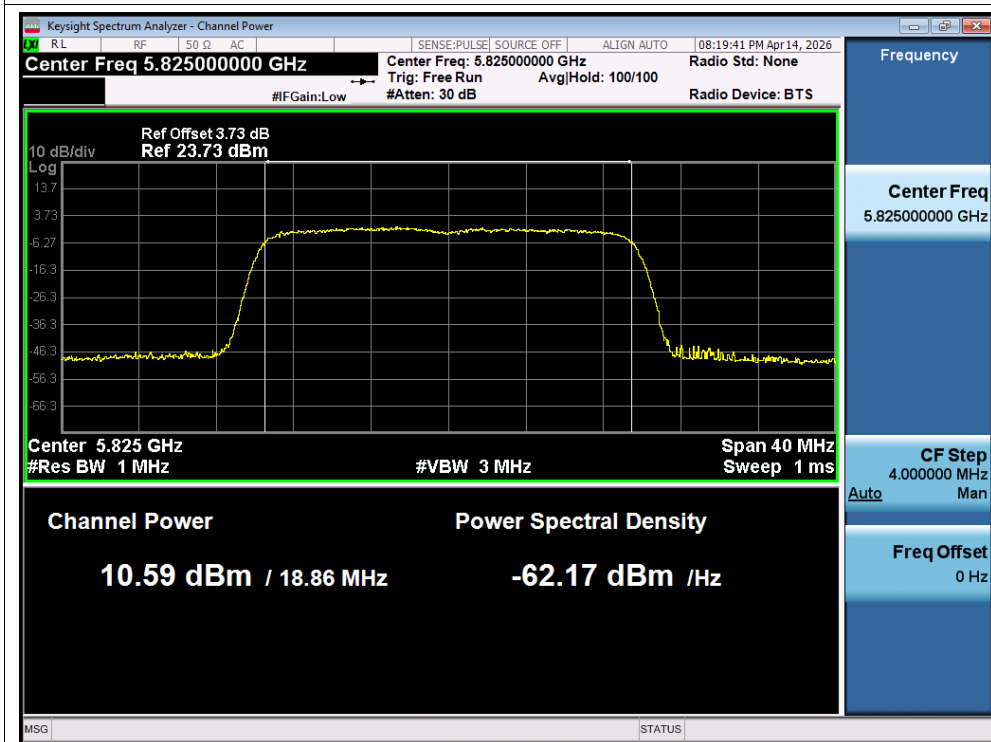
Power NVNT ax20 5745MHz AntA



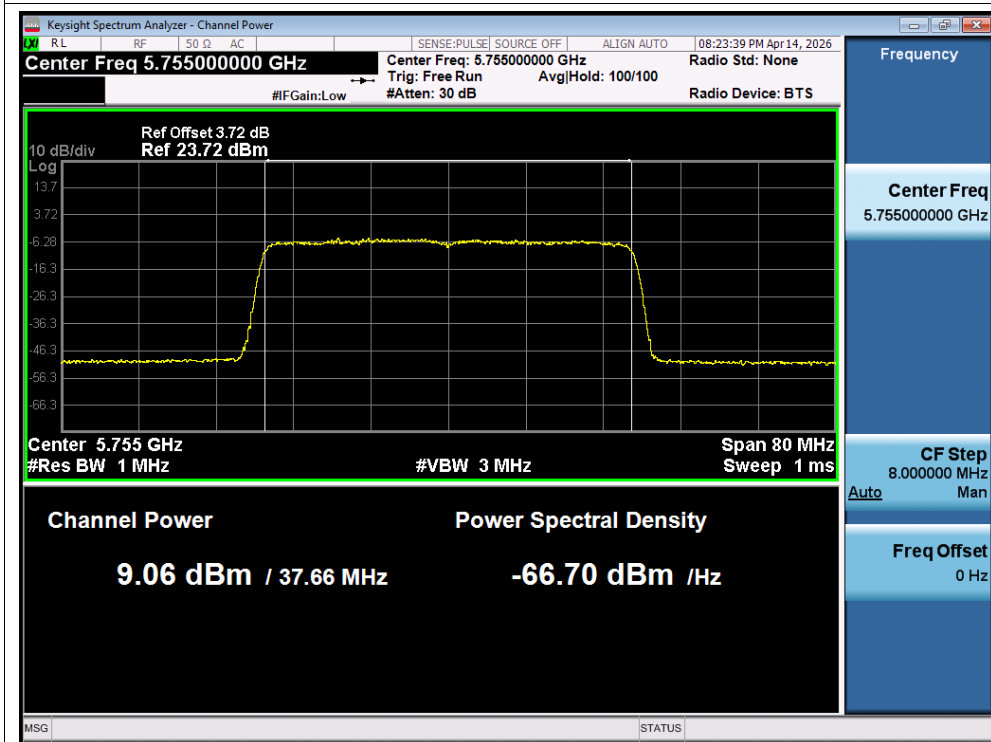
Power NVNT ax20 5785MHz AntA



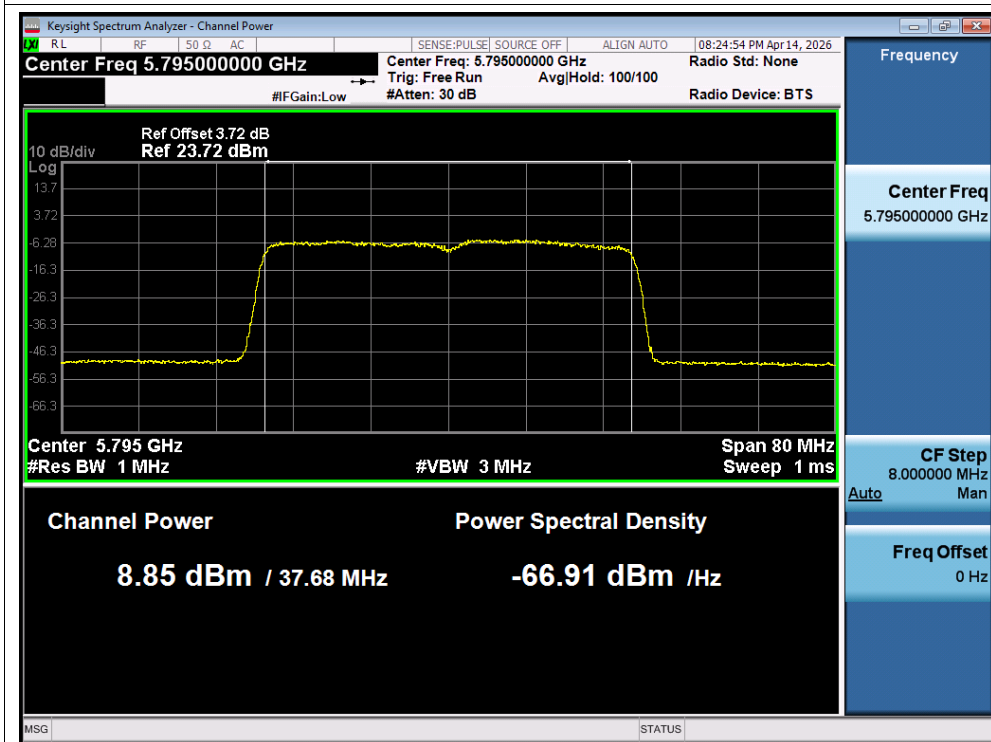
Power NVNT ax20 5825MHz AntA



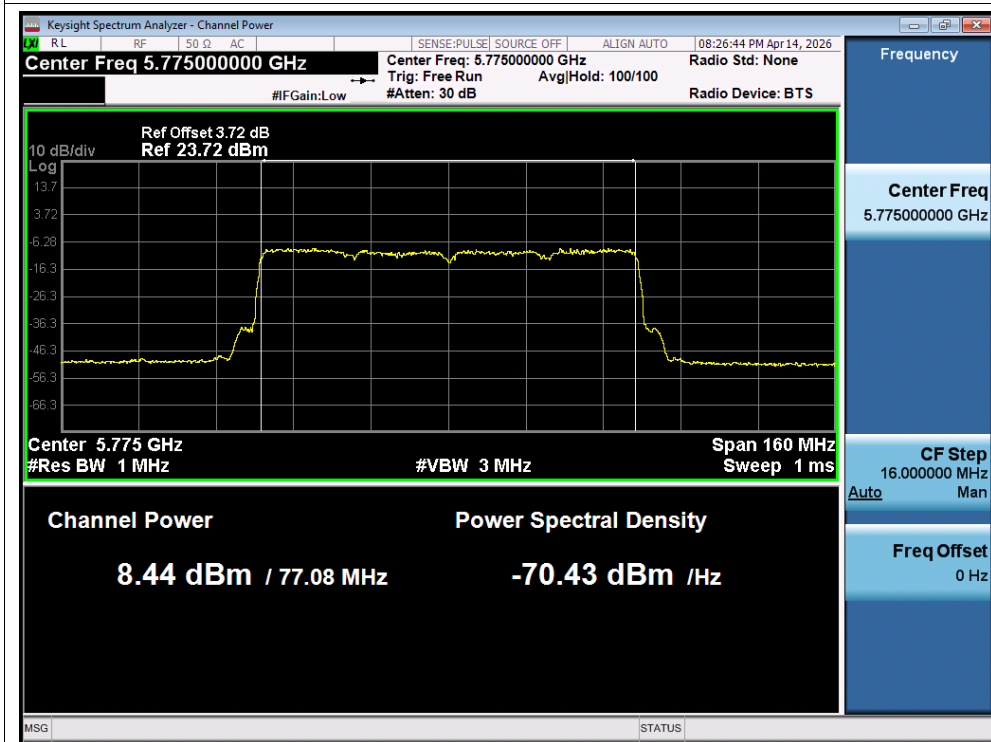
Power NVNT ax40 5755MHz AntA



Power NVNT ax40 5795MHz AntA



Power NVNT ax80 5775MHz AntA

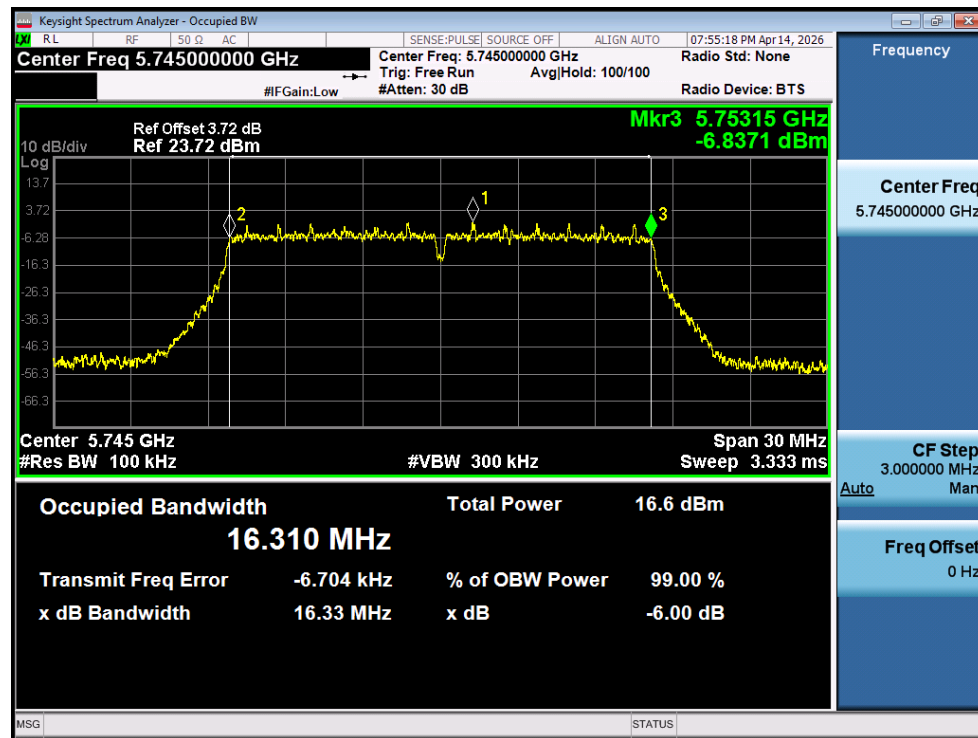


-6dB Bandwidth

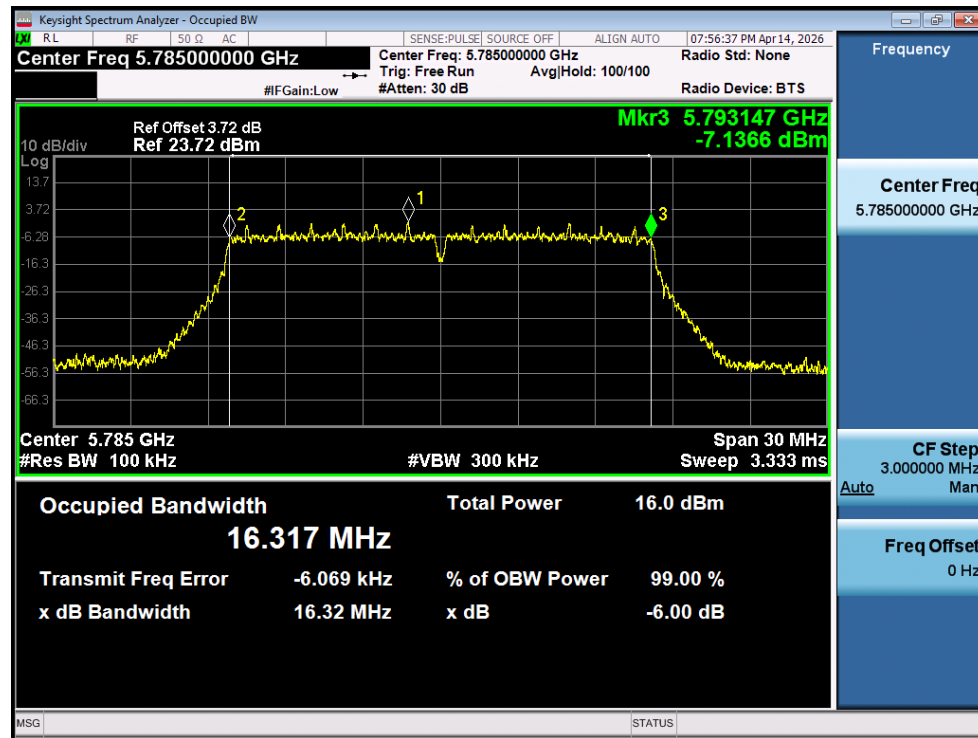
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	AntA	16.33	0.5	Pass
		5785		16.32	0.5	Pass
		5825		16.28	0.5	Pass
	n20	5745		17.09	0.5	Pass
		5785		17.25	0.5	Pass
		5825		16.69	0.5	Pass
	n40	5755		35.47	0.5	Pass
		5795		35.91	0.5	Pass
	ac20	5745		16.96	0.5	Pass
		5785		16.9	0.5	Pass
		5825		17.54	0.5	Pass
	ac40	5755		35.27	0.5	Pass
		5795		35.38	0.5	Pass
	ac80	5775		75.93	0.5	Pass
	ax20	5745		18.17	0.5	Pass
		5785		18.28	0.5	Pass
		5825		18.31	0.5	Pass
	ax40	5755		37.64	0.5	Pass
		5795		37.61	0.5	Pass
	ax80	5775		76.94	0.5	Pass

Test Graphs

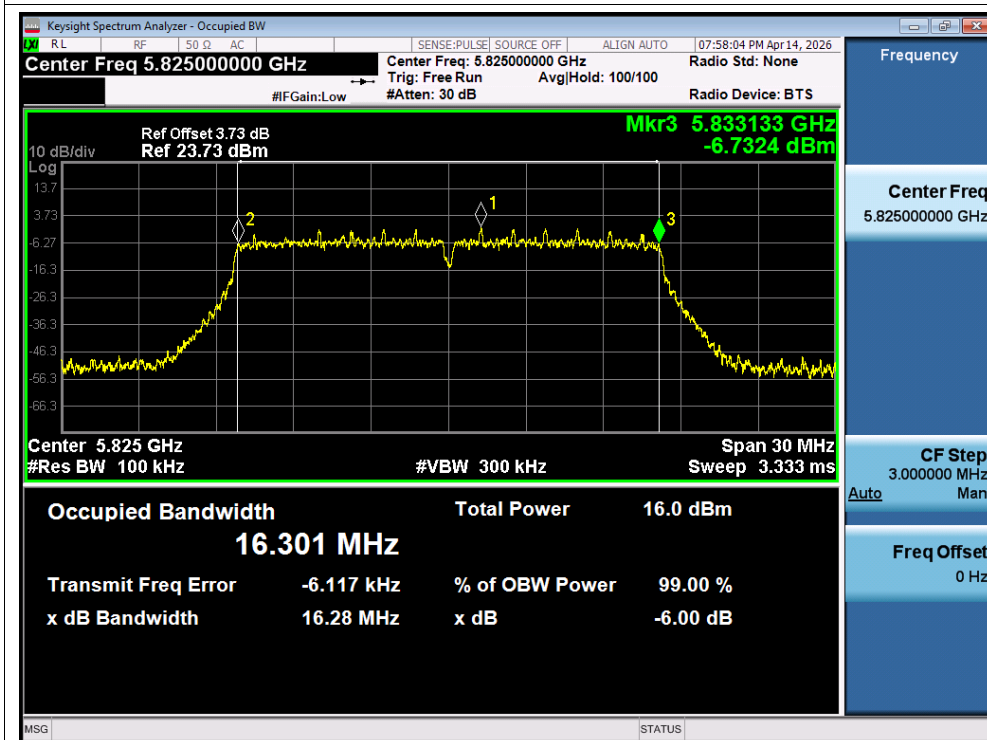
-6dB Bandwidth NVNT a 5745MHz AntA



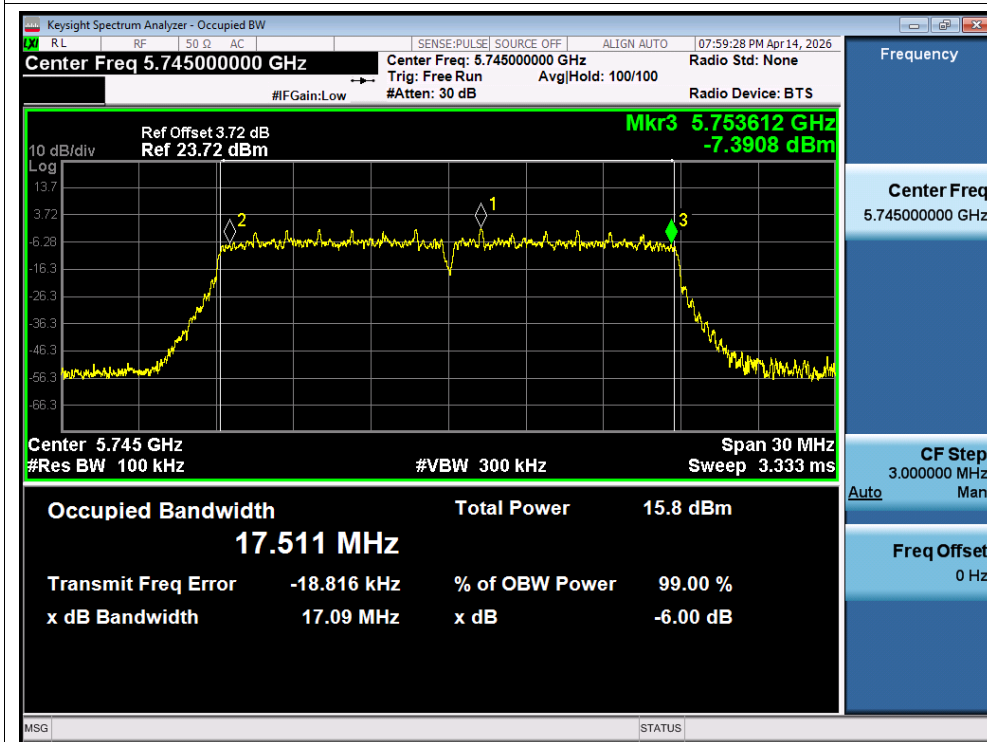
-6dB Bandwidth NVNT a 5785MHz AntA



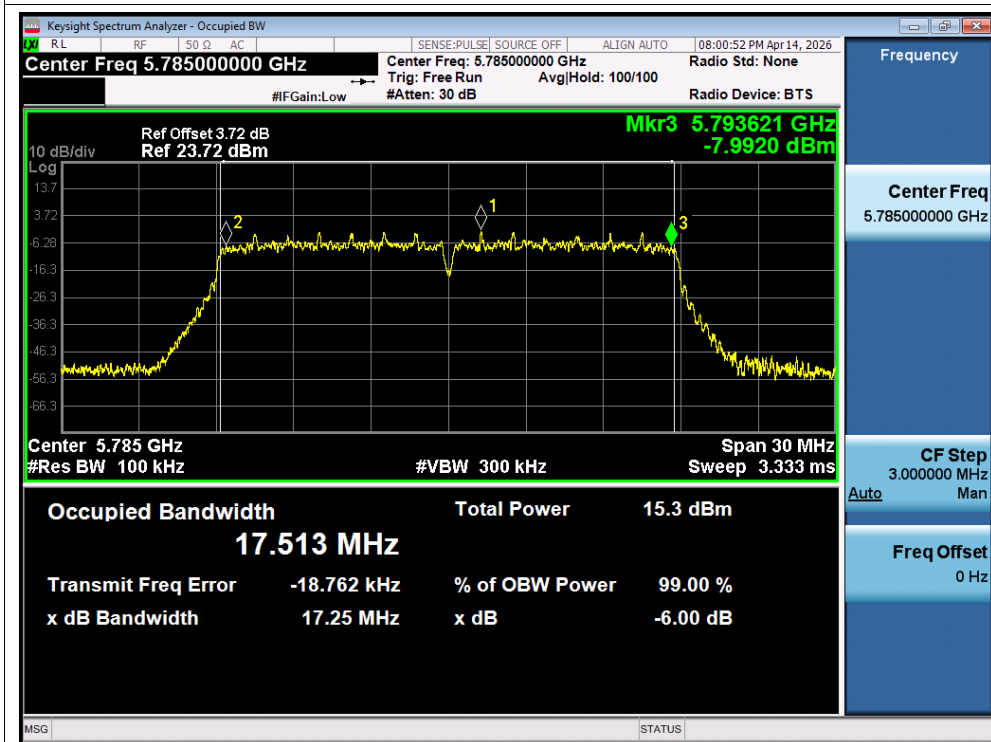
-6dB Bandwidth NVNT a 5825MHz AntA



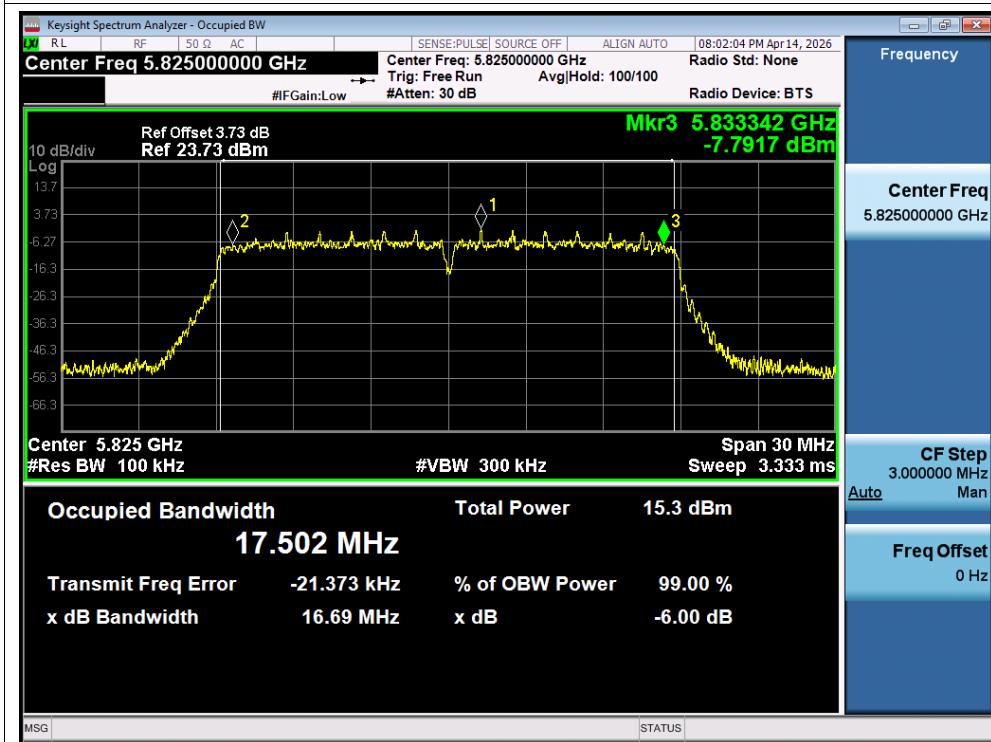
-6dB Bandwidth NVNT n20 5745MHz AntA



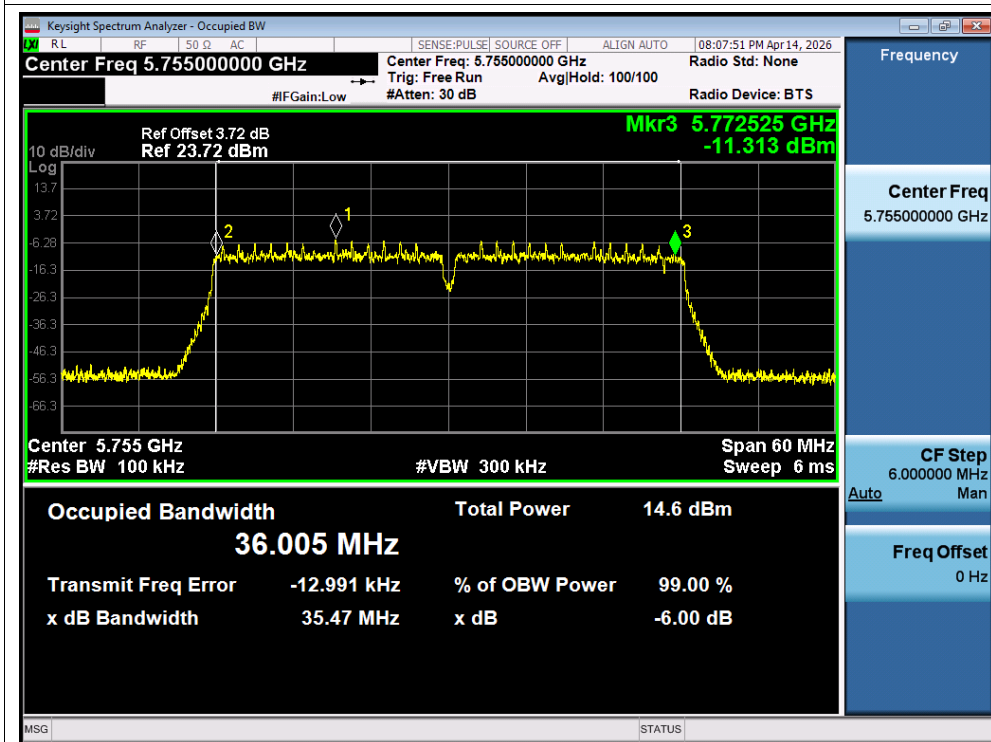
-6dB Bandwidth NVNT n20 5785MHz AntA



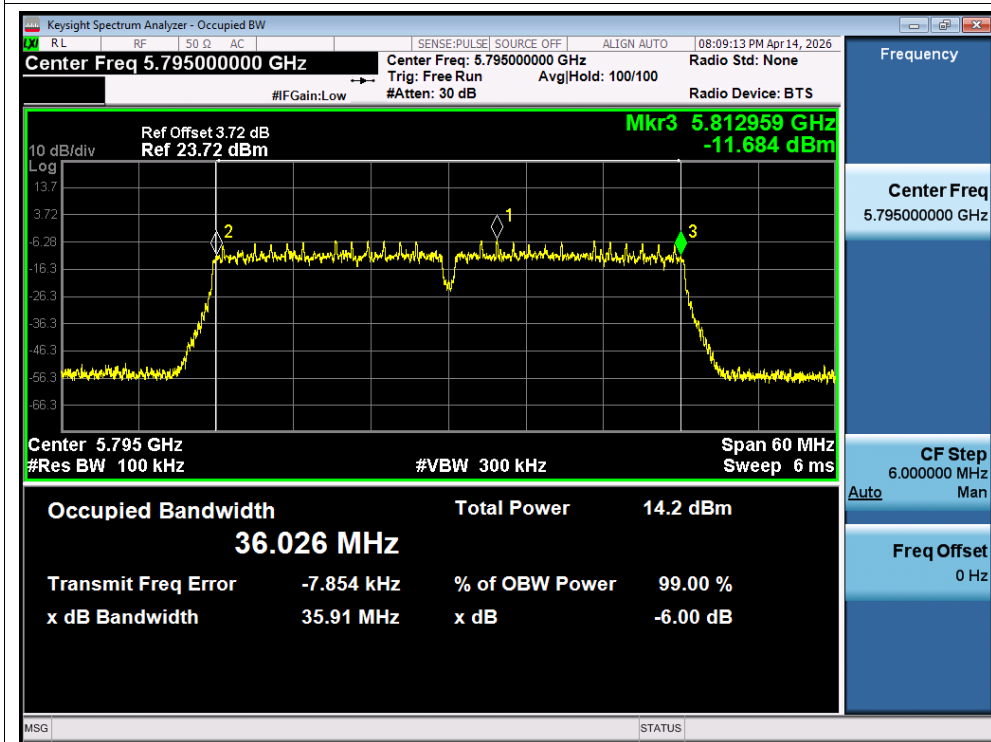
-6dB Bandwidth NVNT n20 5825MHz AntA



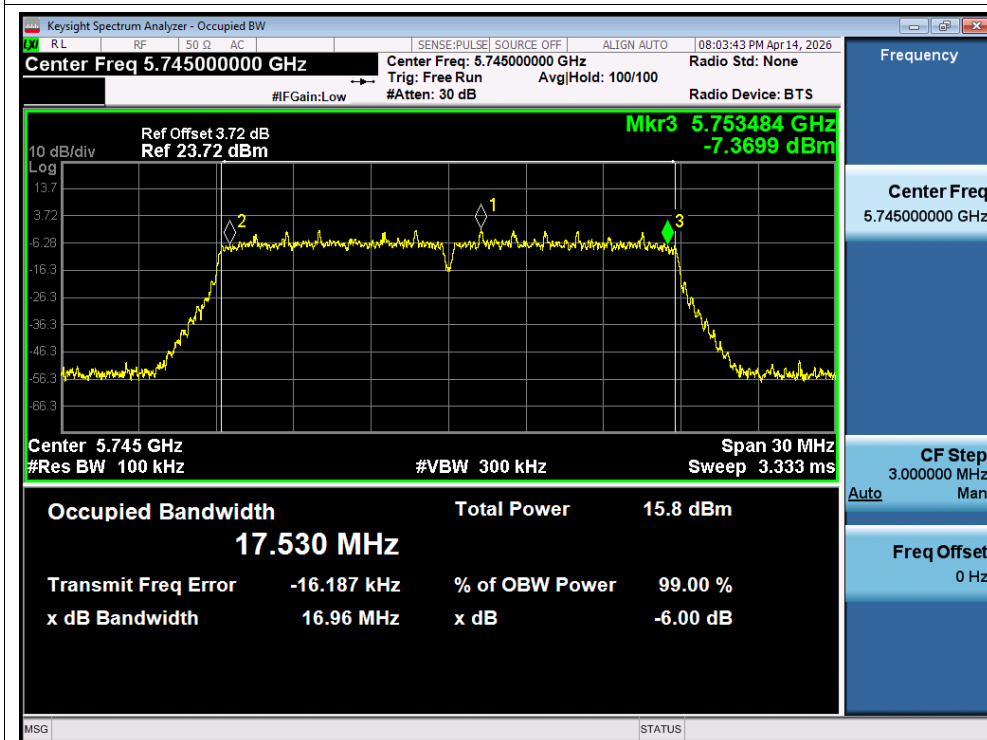
-6dB Bandwidth NVNT n40 5755MHz AntA



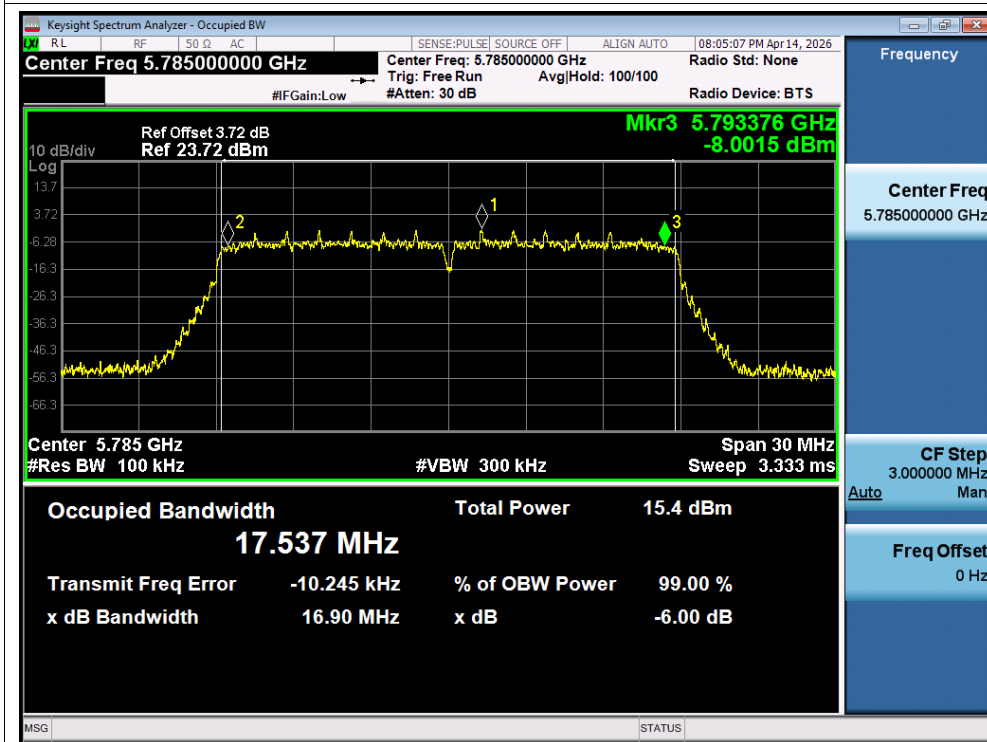
-6dB Bandwidth NVNT n40 5795MHz AntA



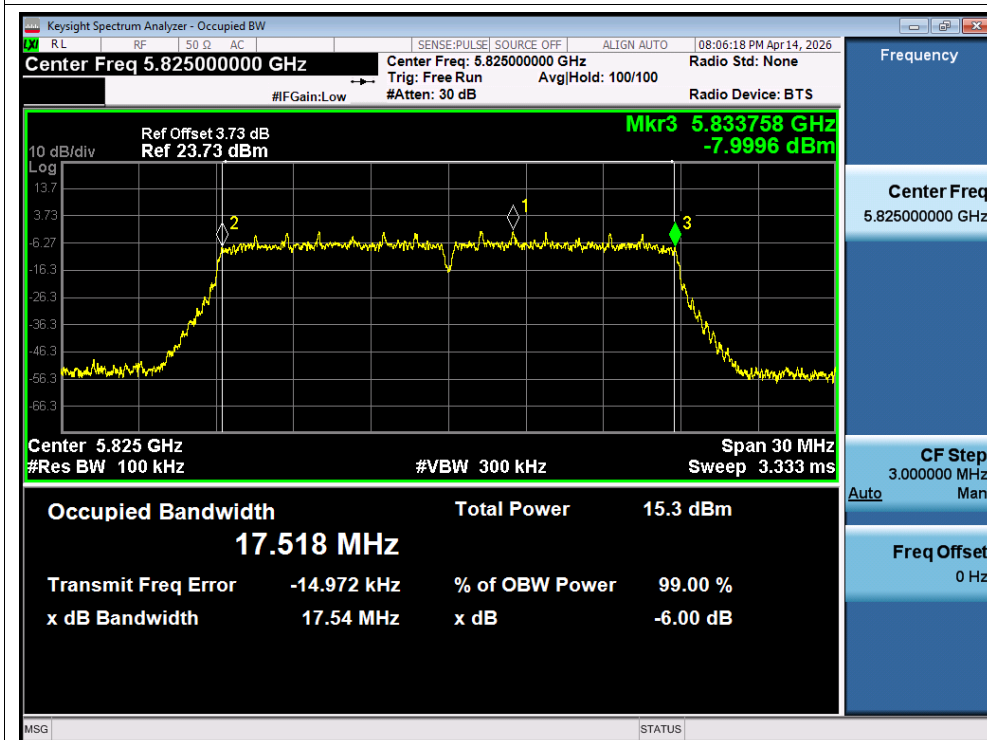
-6dB Bandwidth NVNT ac20 5745MHz AntA



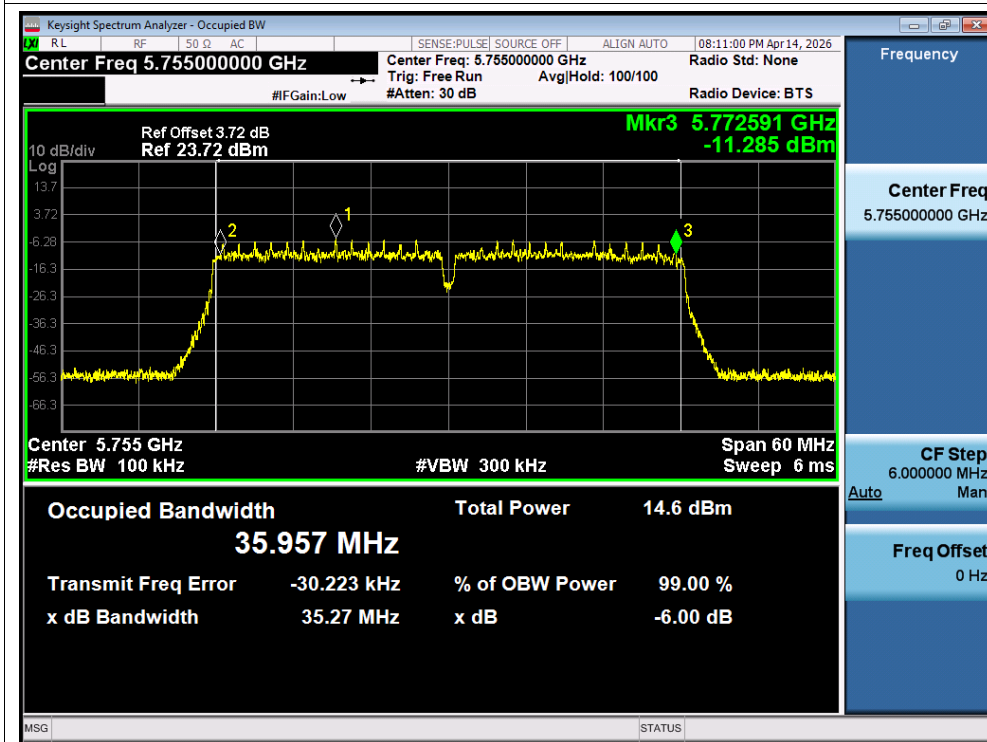
-6dB Bandwidth NVNT ac20 5785MHz AntA



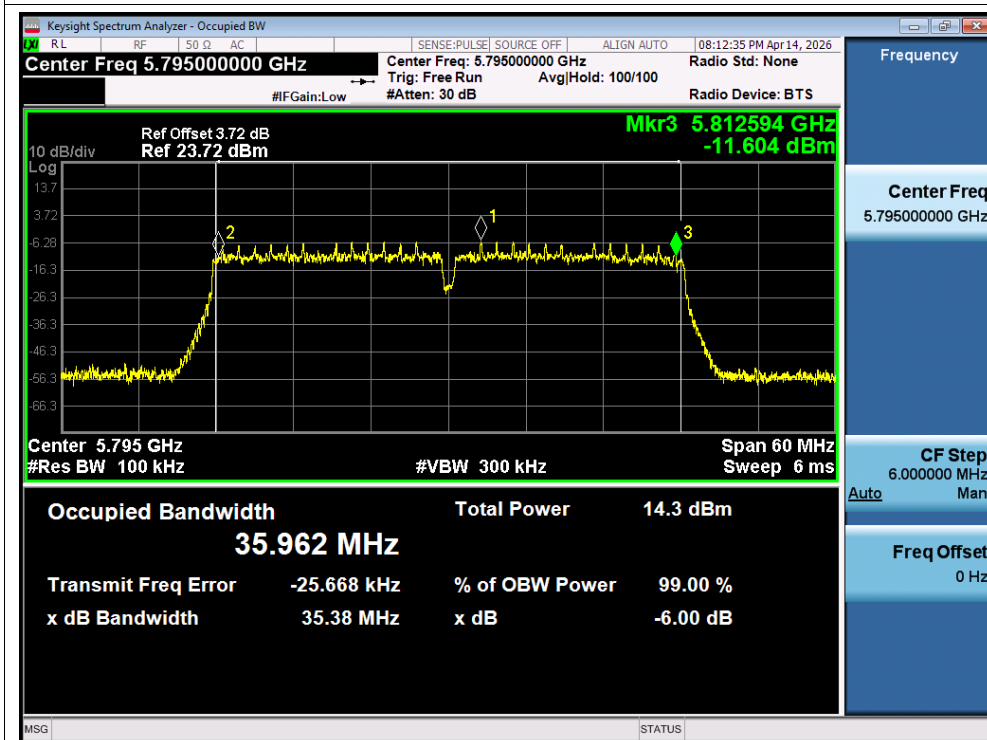
-6dB Bandwidth NVNT ac20 5825MHz AntA



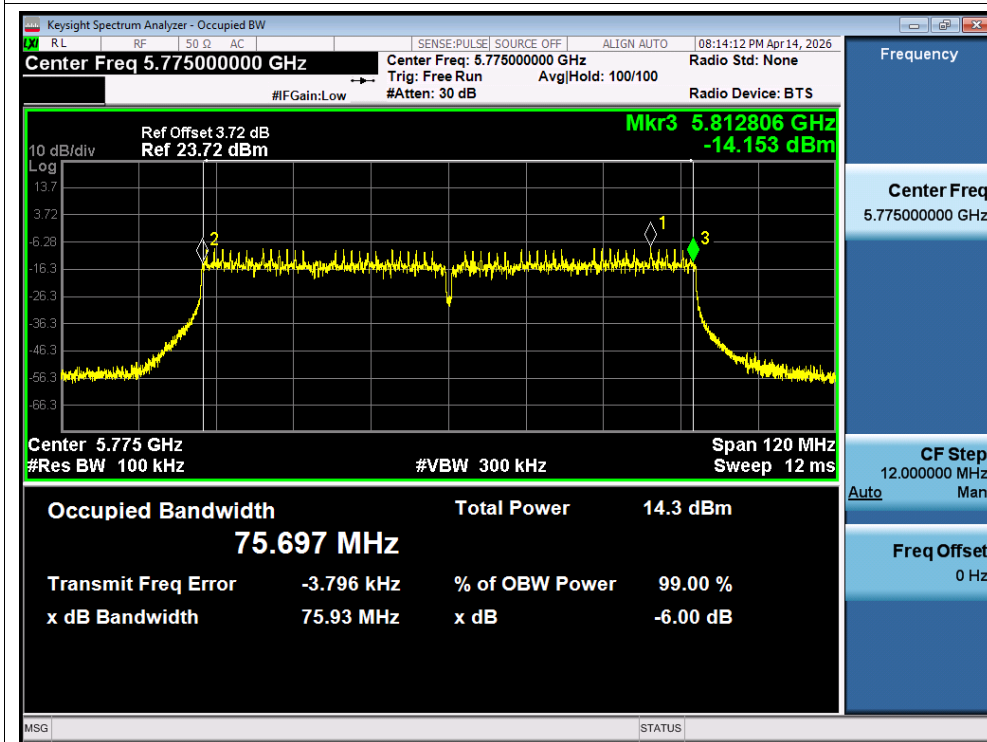
-6dB Bandwidth NVNT ac40 5755MHz AntA



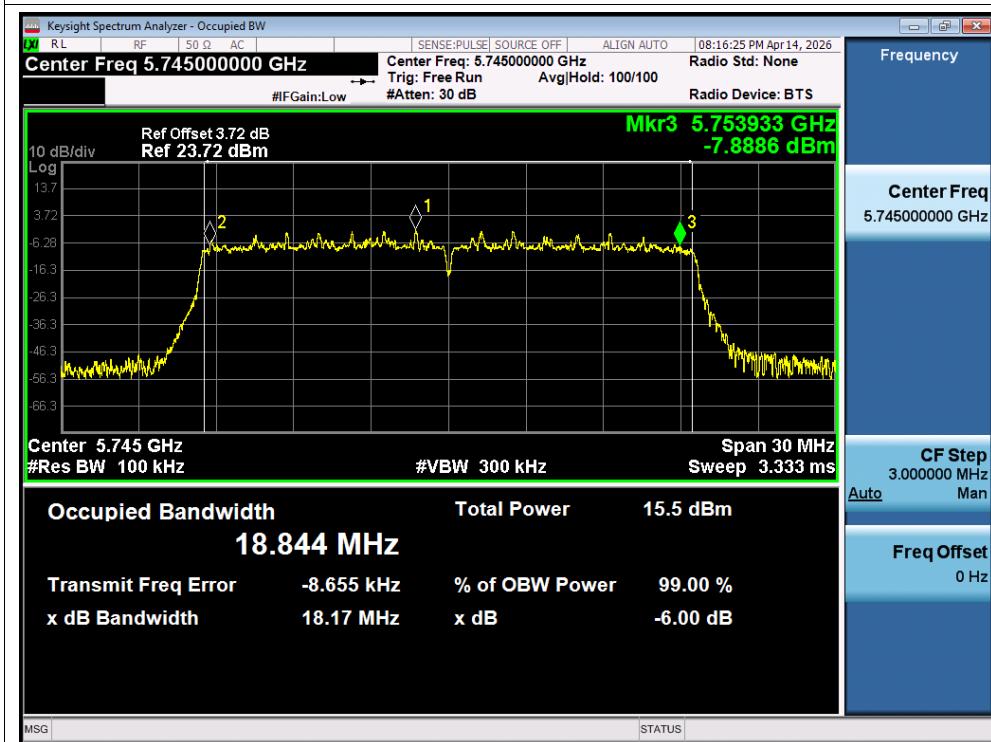
-6dB Bandwidth NVNT ac40 5795MHz AntA



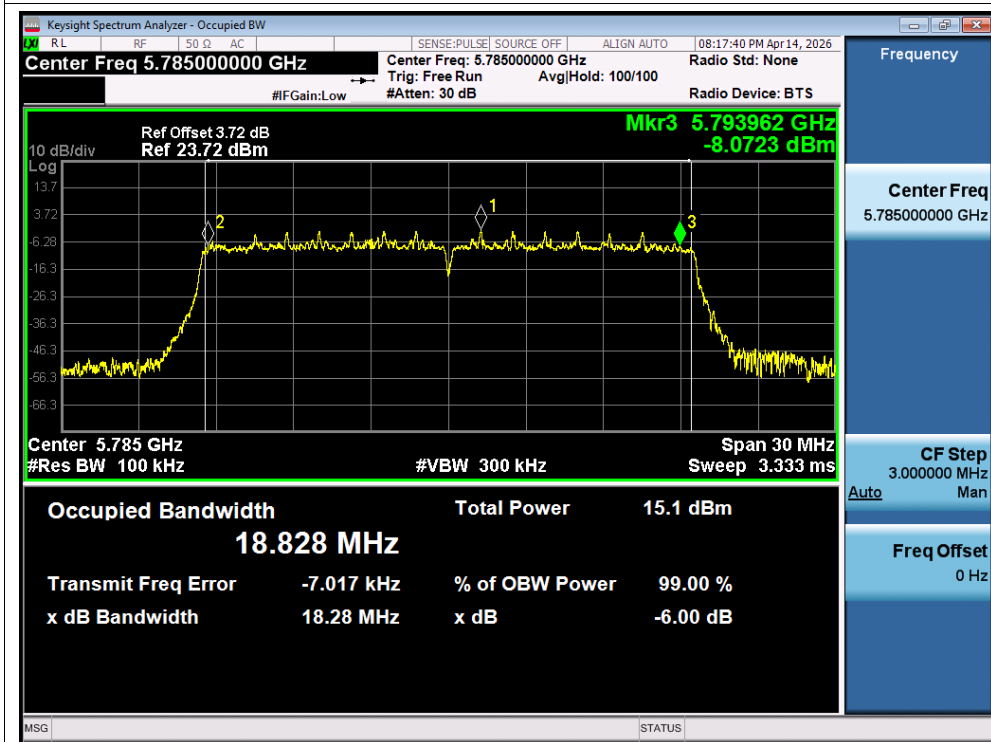
-6dB Bandwidth NVNT ac80 5775MHz AntA



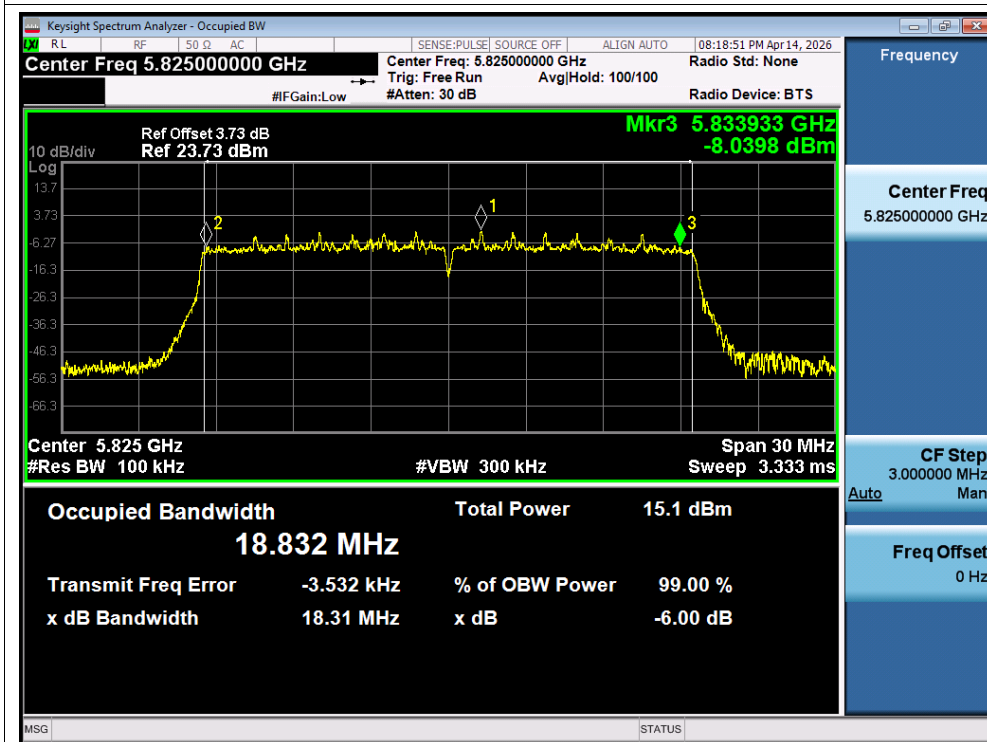
-6dB Bandwidth NVNT ax20 5745MHz AntA



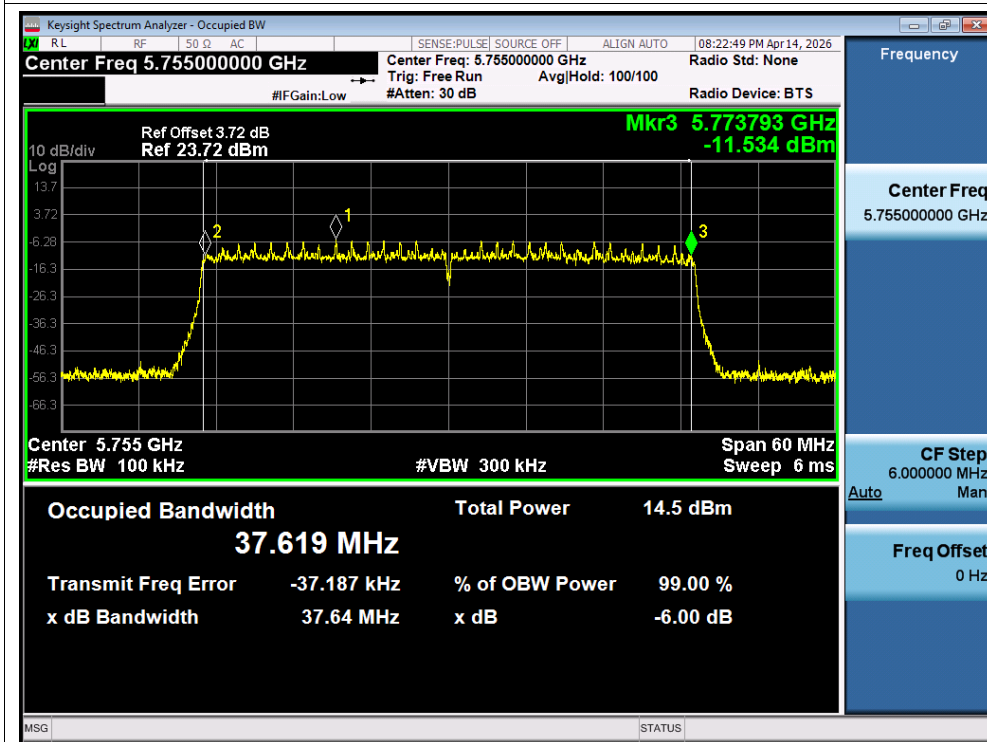
-6dB Bandwidth NVNT ax20 5785MHz AntA



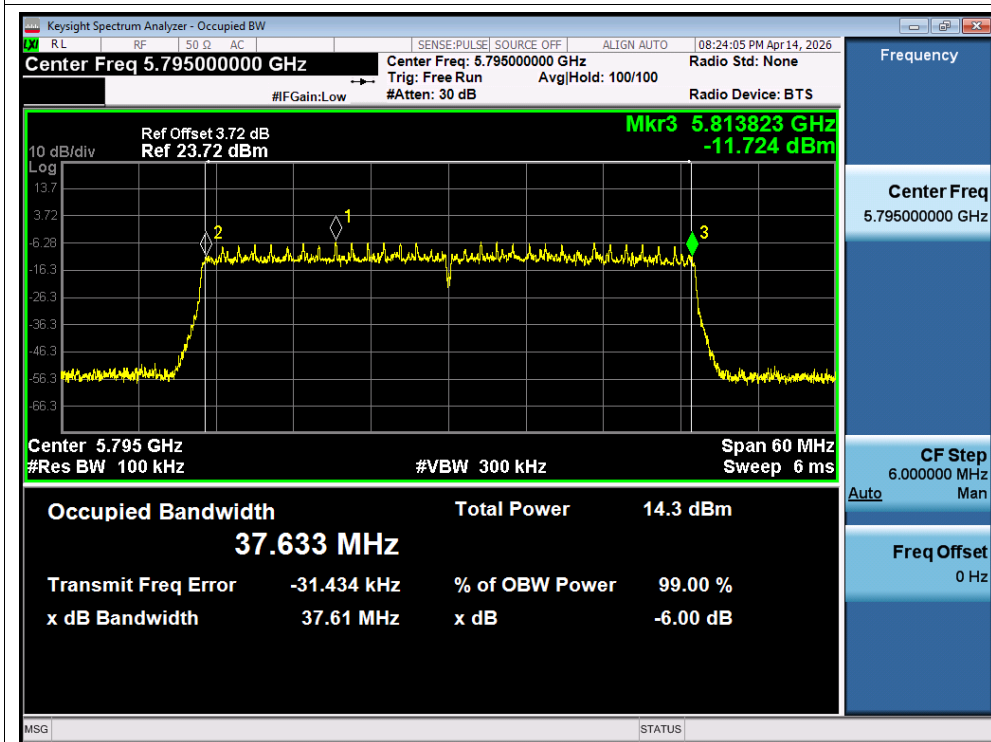
-6dB Bandwidth NVNT ax20 5825MHz AntA



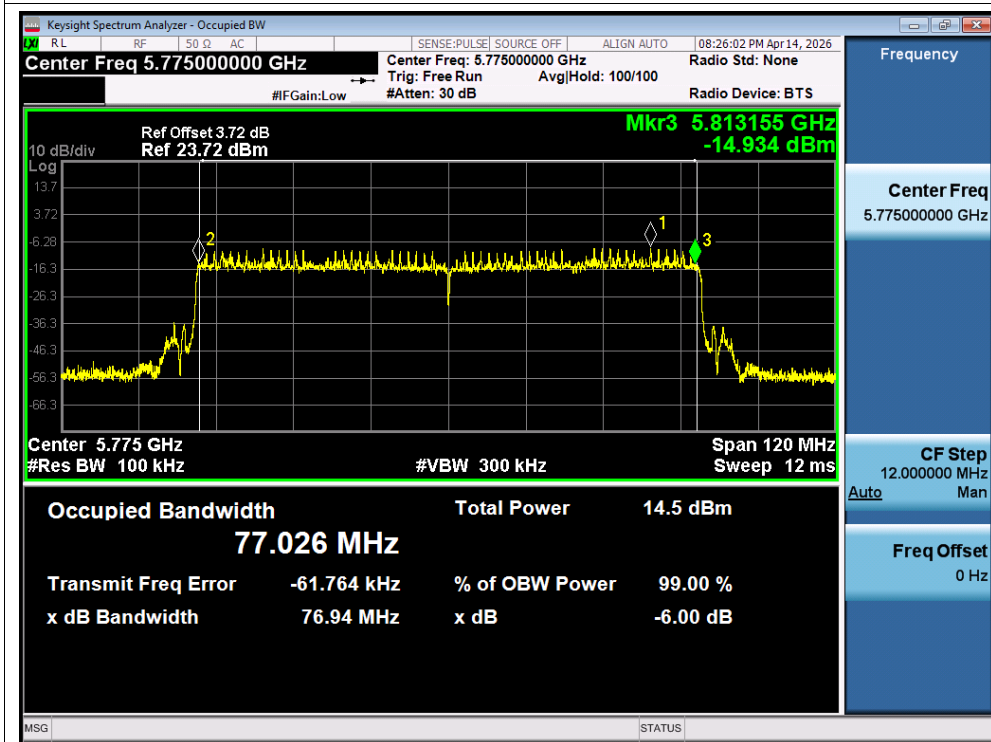
-6dB Bandwidth NVNT ax40 5755MHz AntA



-6dB Bandwidth NVNT ax40 5795MHz AntA



-6dB Bandwidth NVNT ax80 5775MHz AntA

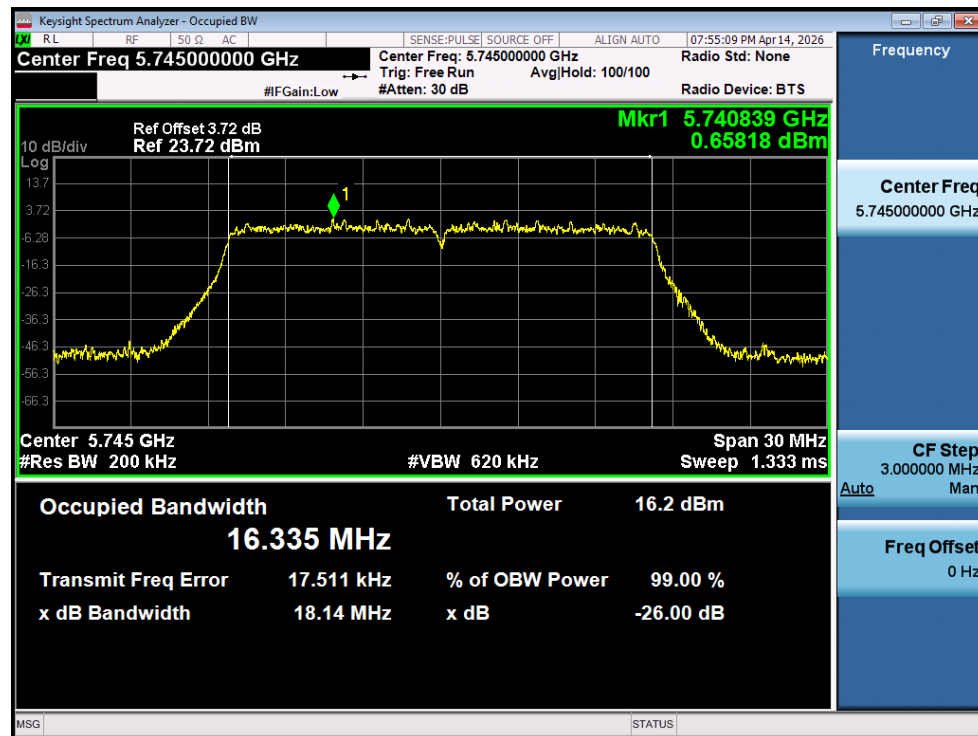


Occupied Channel Bandwidth

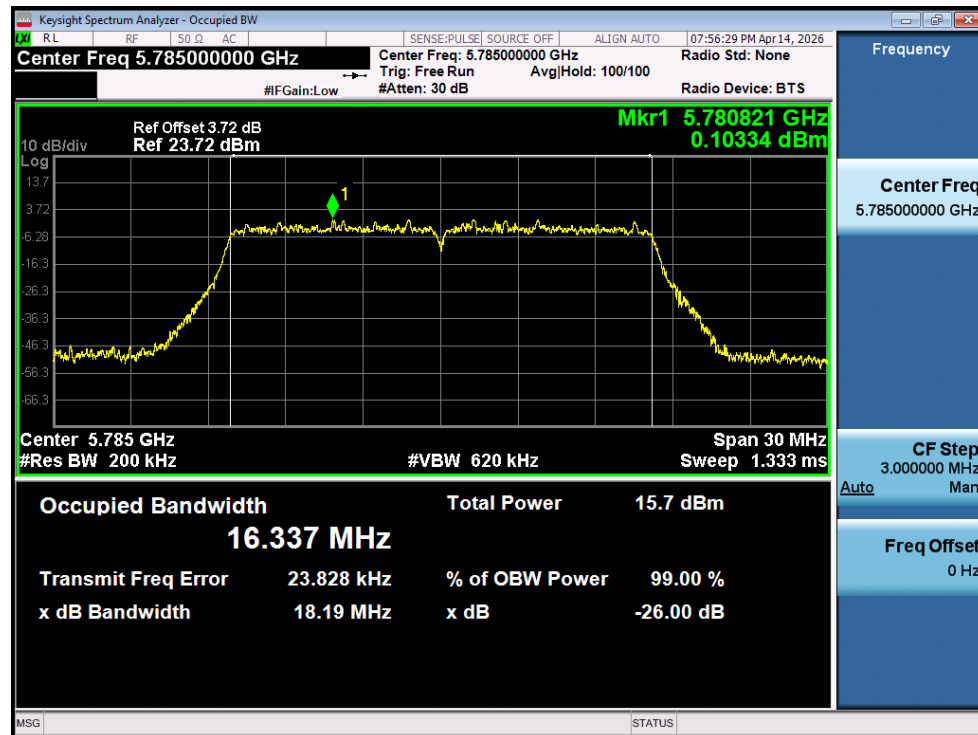
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	AntA	16.335
		5785		16.337
		5825		16.319
	n20	5745		17.507
		5785		17.529
		5825		17.511
	n40	5755		36.123
		5795		36.155
	ac20	5745		17.534
		5785		17.534
		5825		17.539
	ac40	5755		36.066
		5795		36.066
	ac80	5775		76.065
	ax20	5745		18.898
		5785		18.873
		5825		18.862
	ax40	5755		37.664
		5795		37.681
	ax80	5775		77.075

Test Graphs

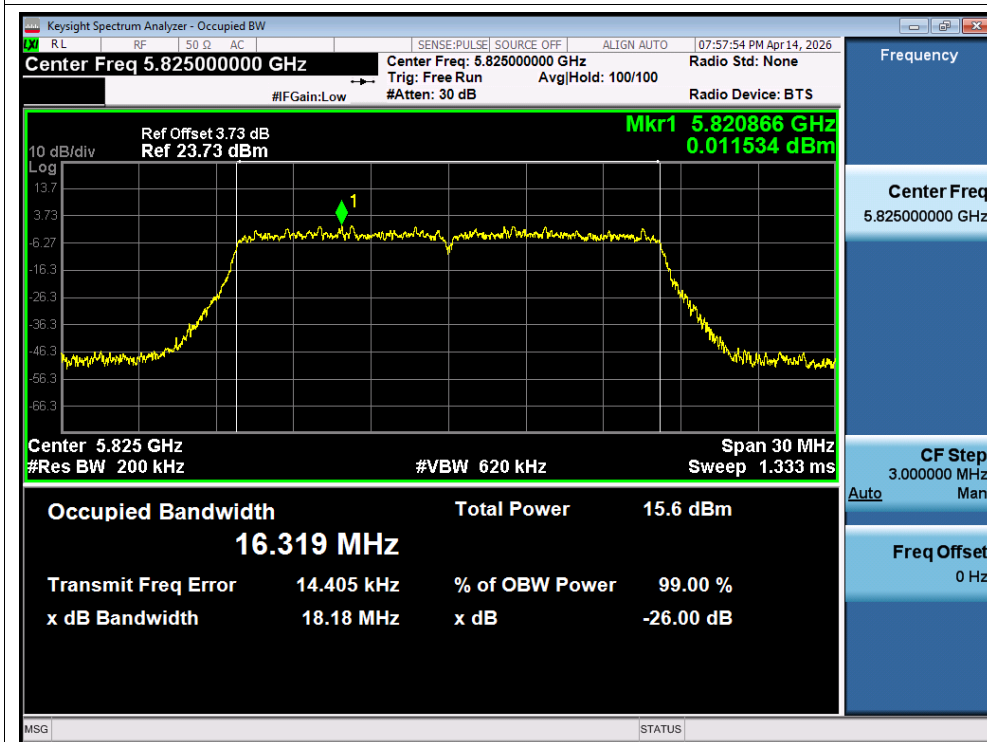
OBW NVNT a 5745MHz AntA



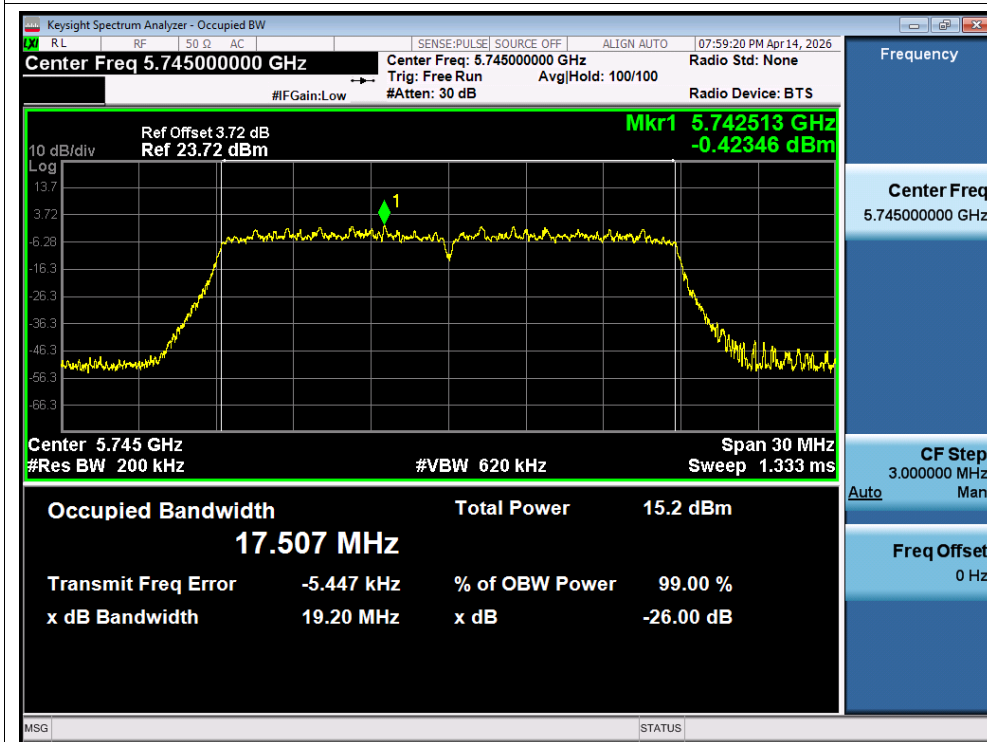
OBW NVNT a 5785MHz AntA



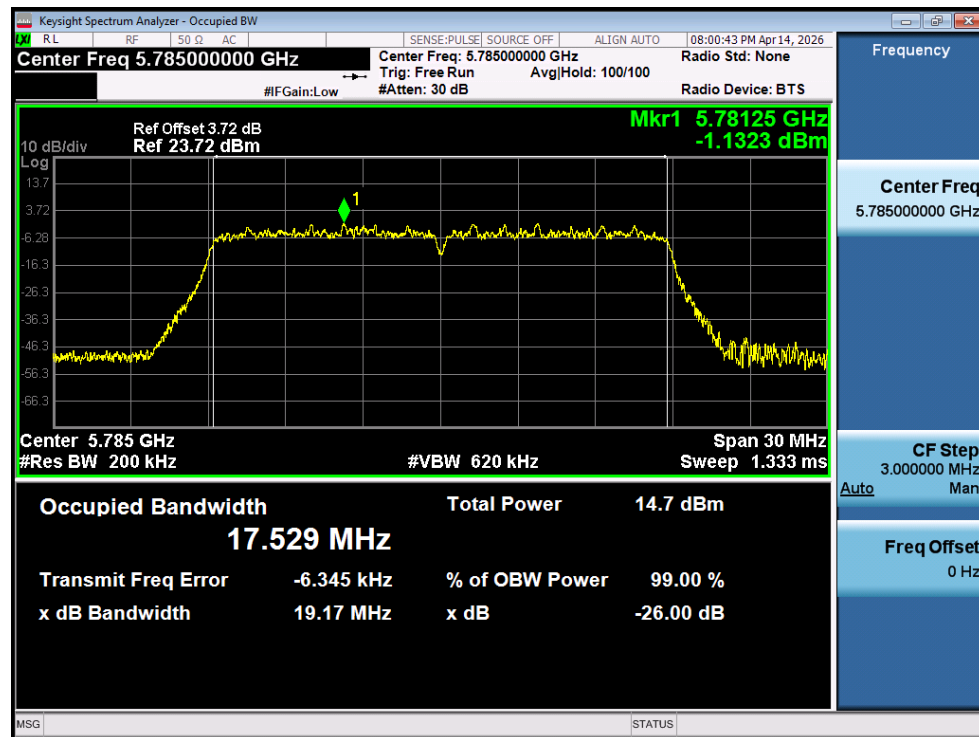
OBW NVNT a 5825MHz AntA



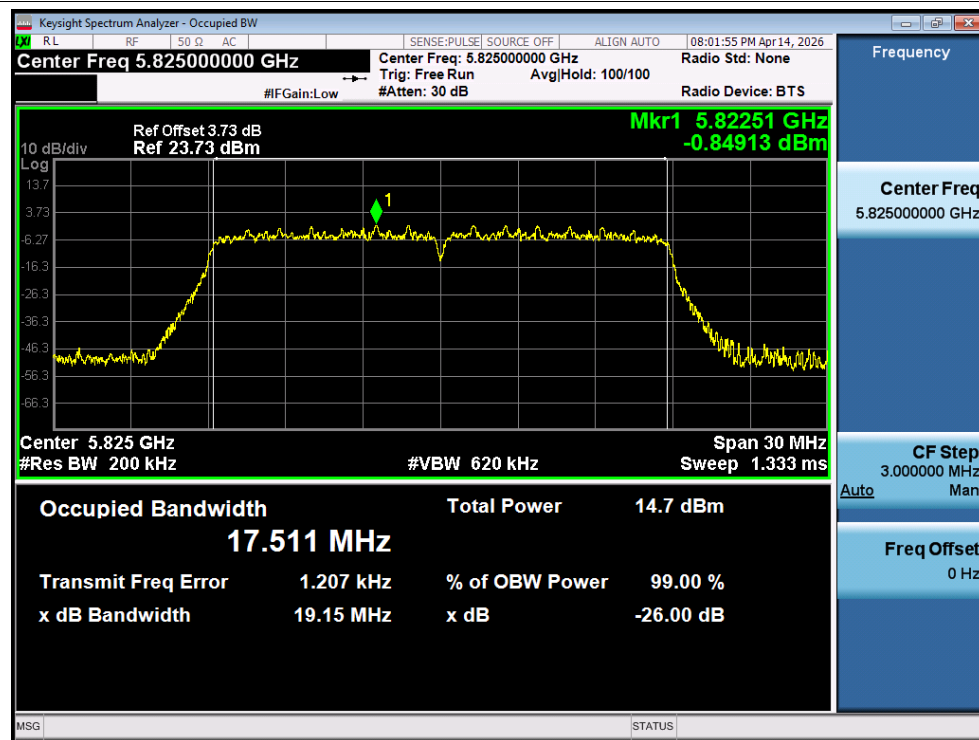
OBW NVNT n20 5745MHz AntA



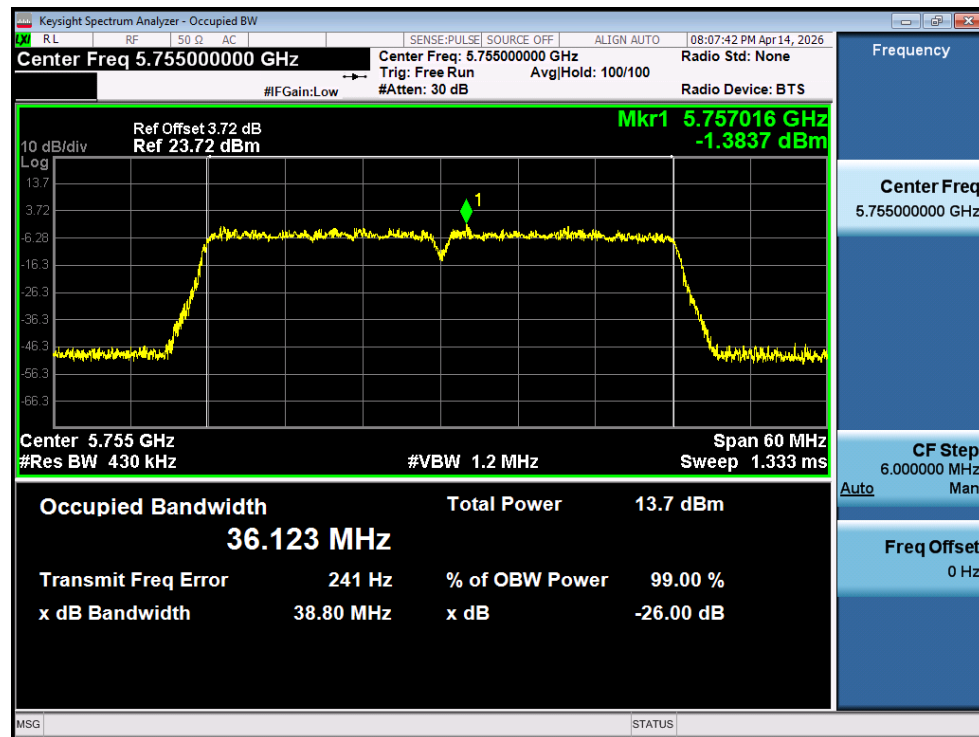
OBW NVNT n20 5785MHz AntA



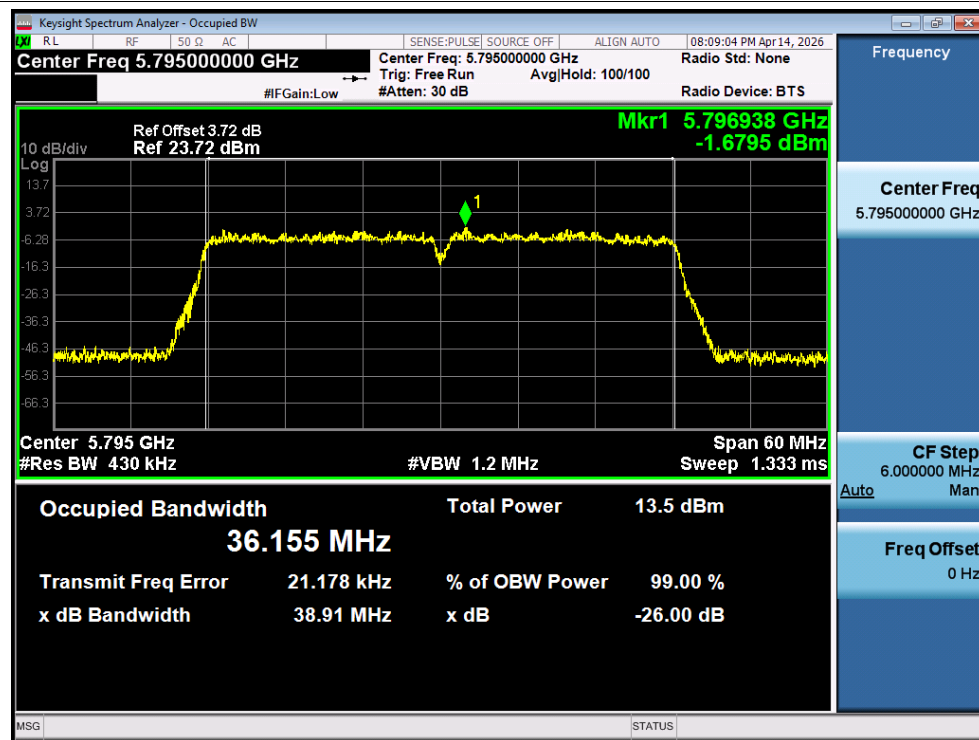
OBW NVNT n20 5825MHz AntA



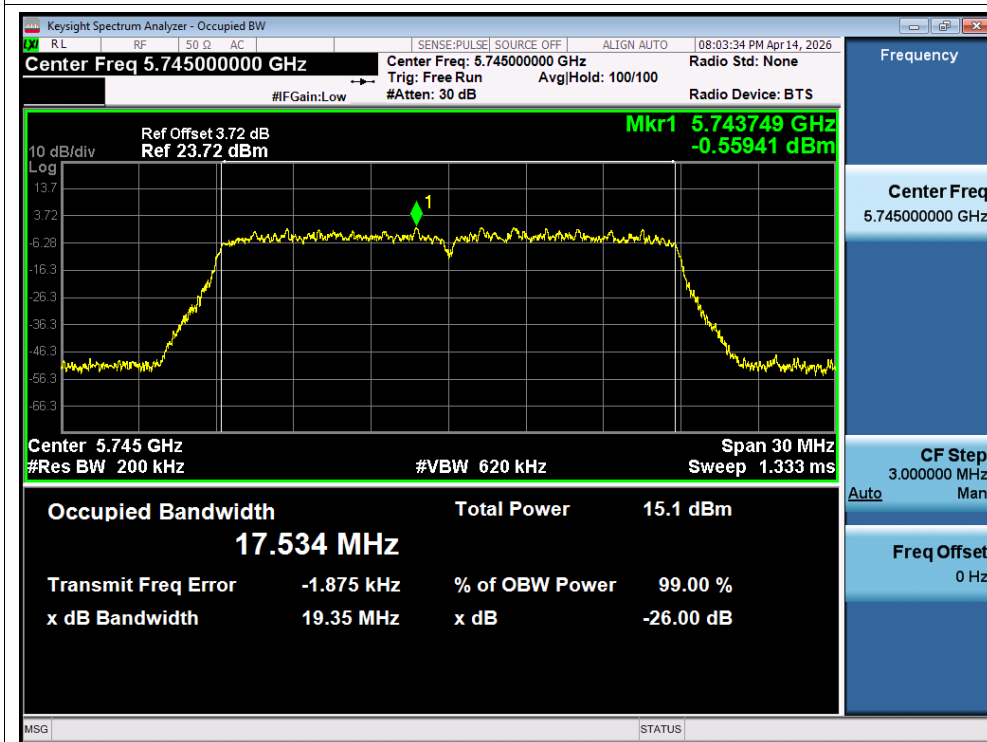
OBW NVNT n40 5755MHz AntA



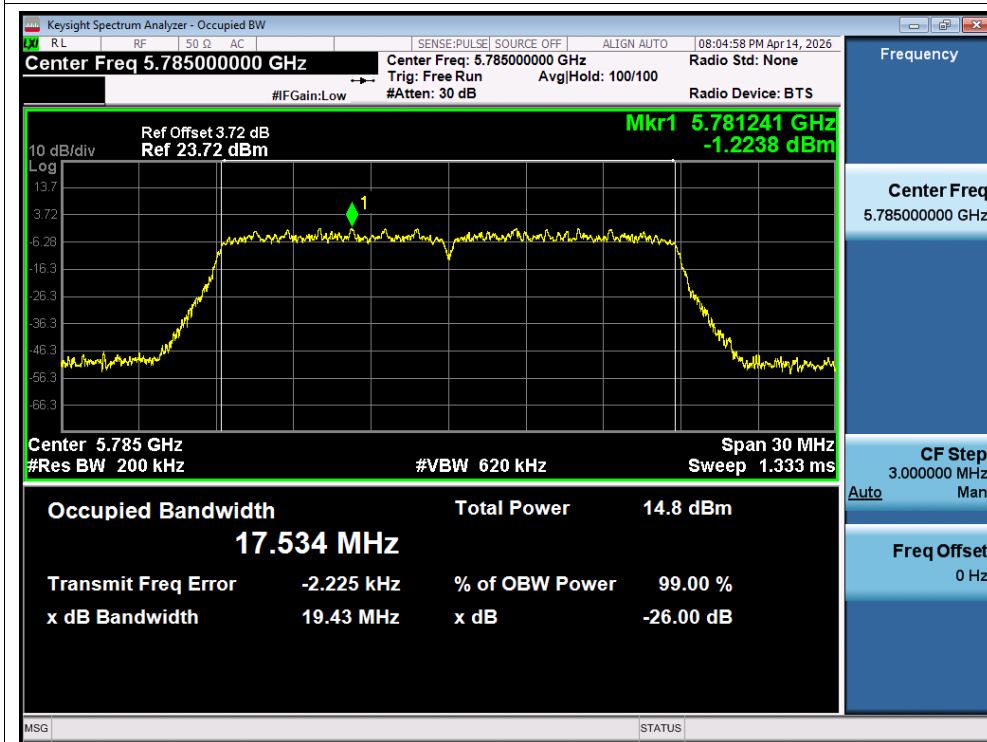
OBW NVNT n40 5795MHz AntA



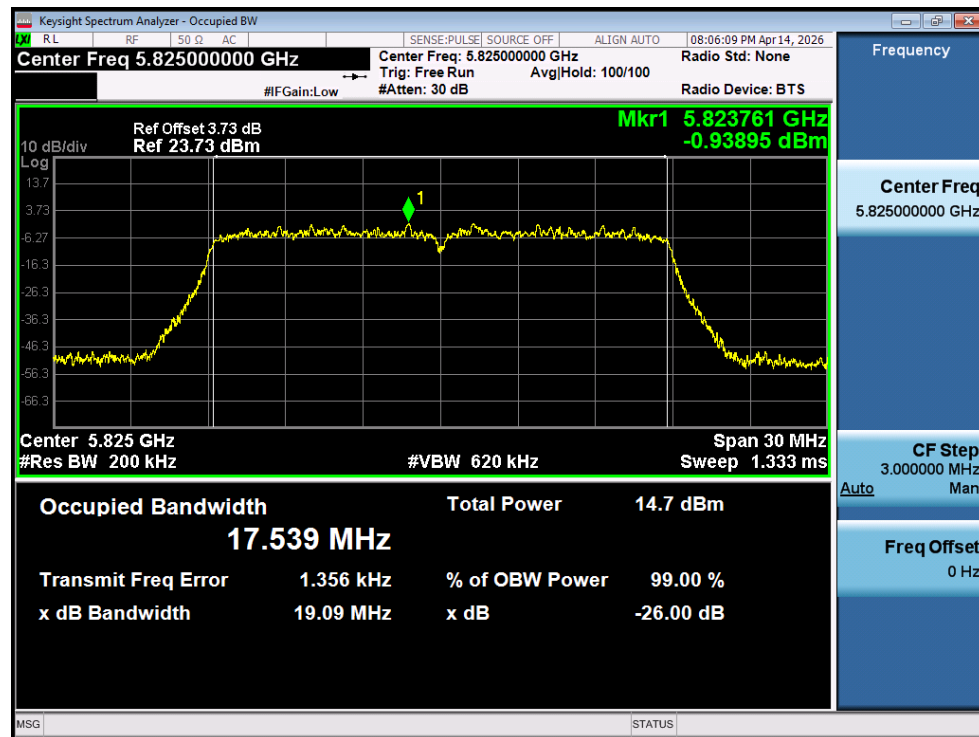
OBW NVNT ac20 5745MHz AntA



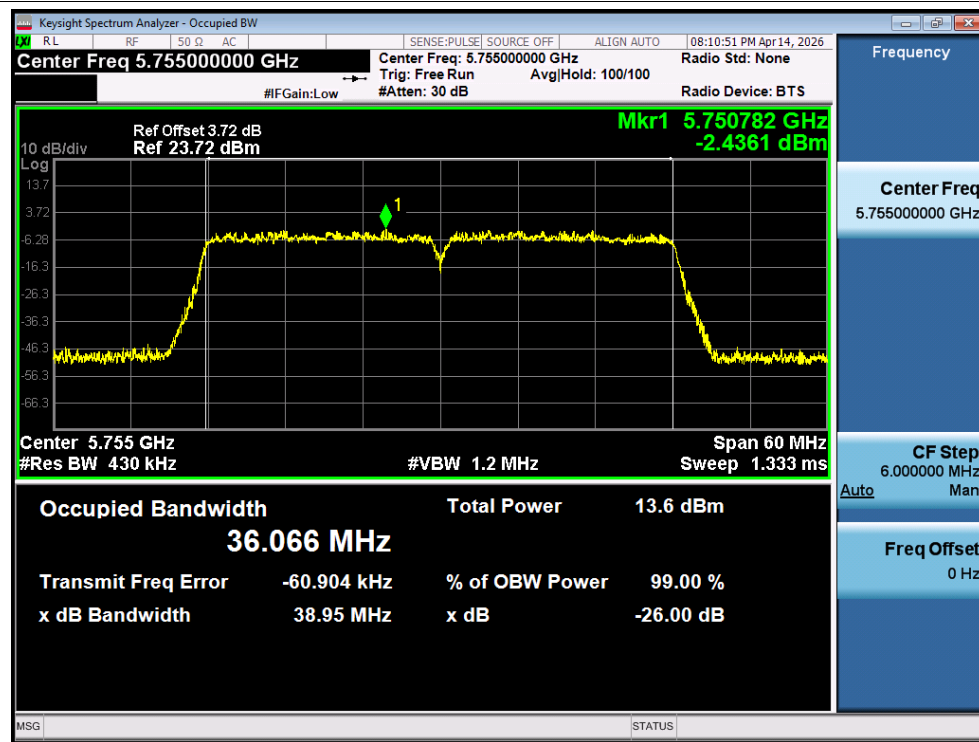
OBW NVNT ac20 5785MHz AntA



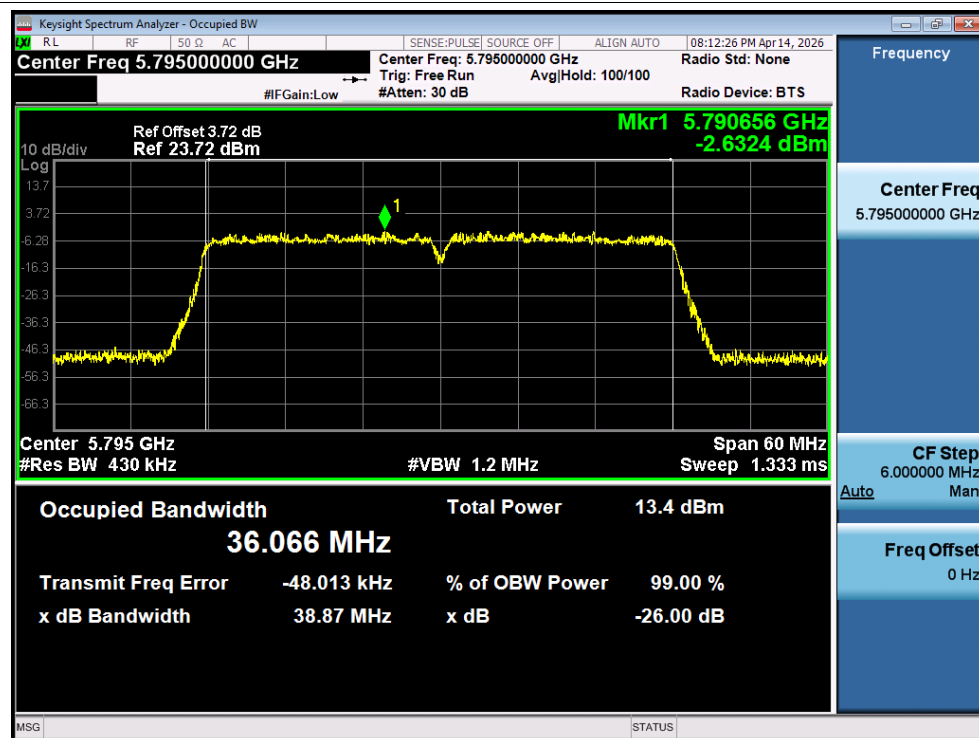
OBW NVNT ac20 5825MHz AntA



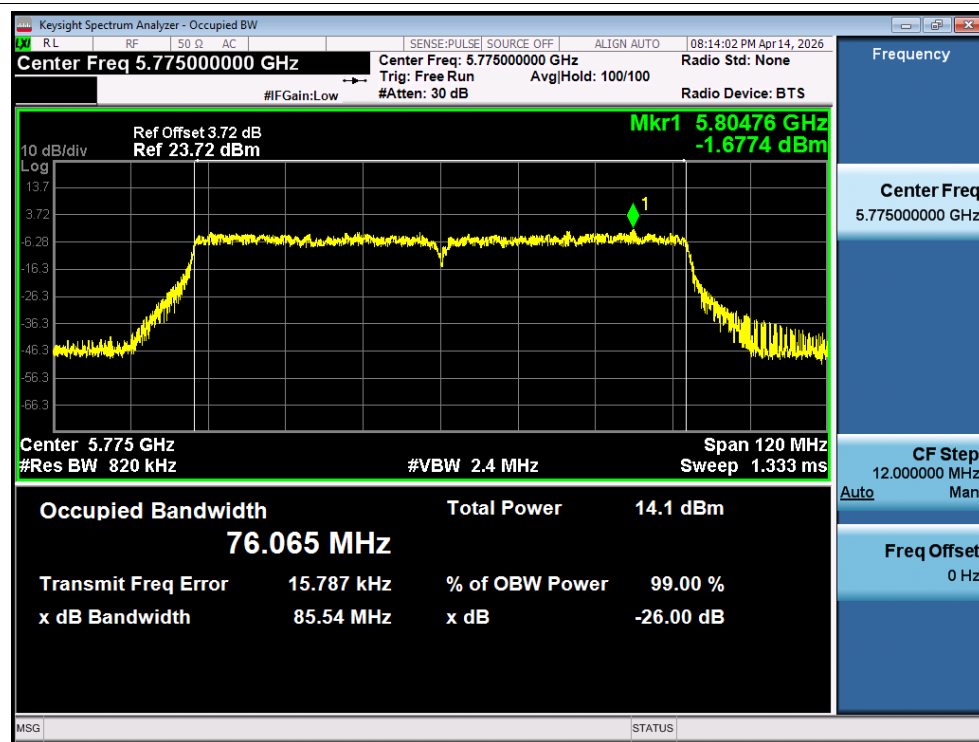
OBW NVNT ac40 5755MHz AntA



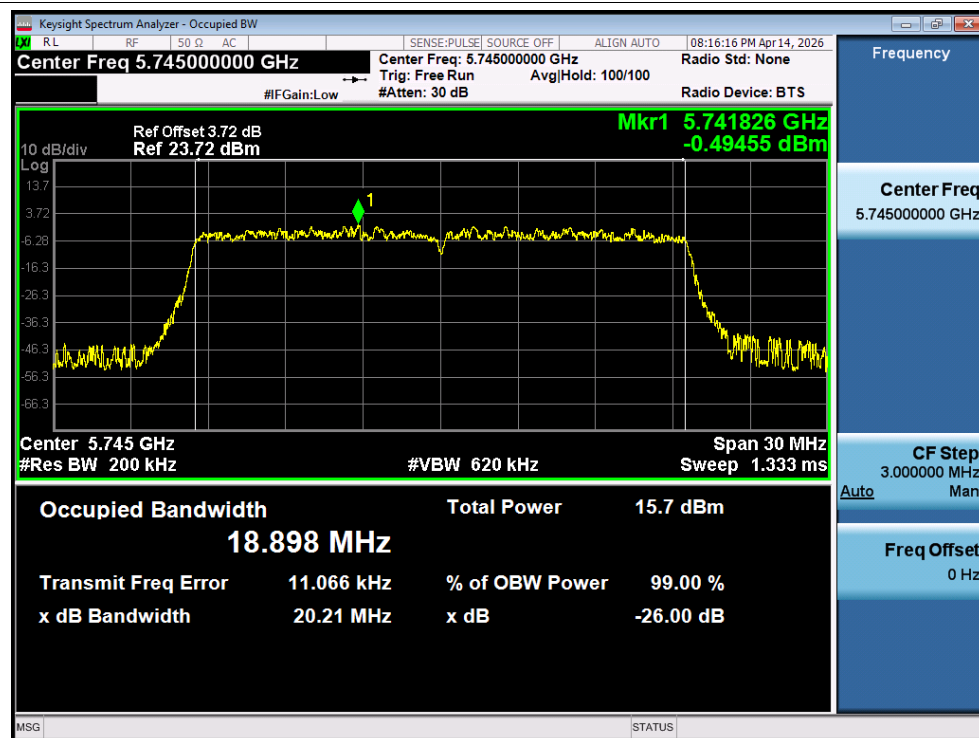
OBW NVNT ac40 5795MHz AntA



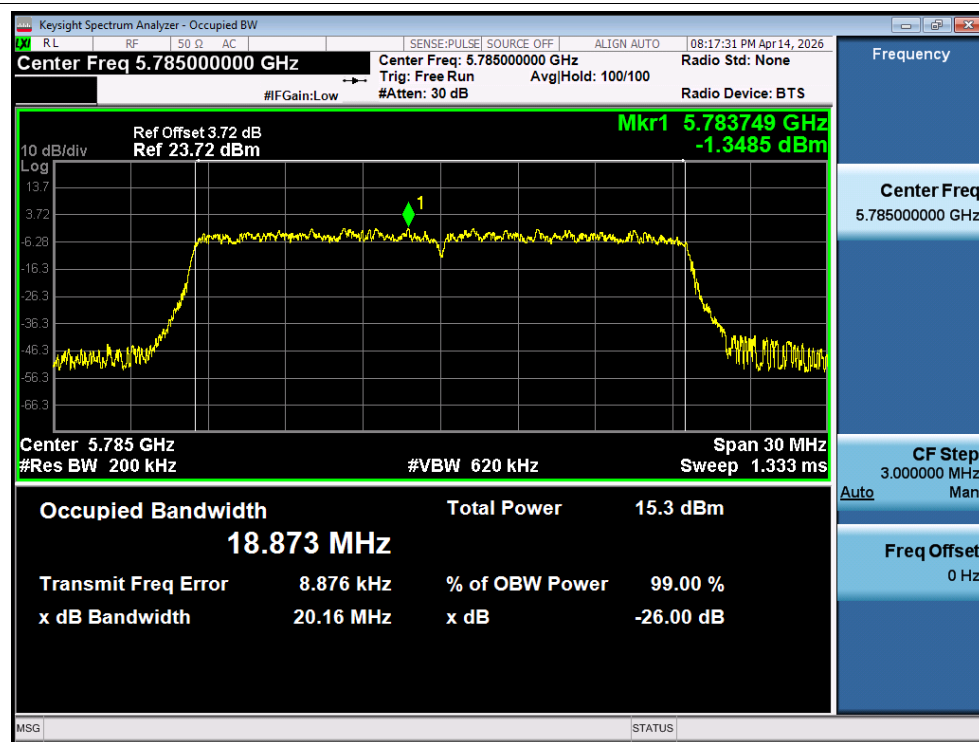
OBW NVNT ac80 5775MHz AntA



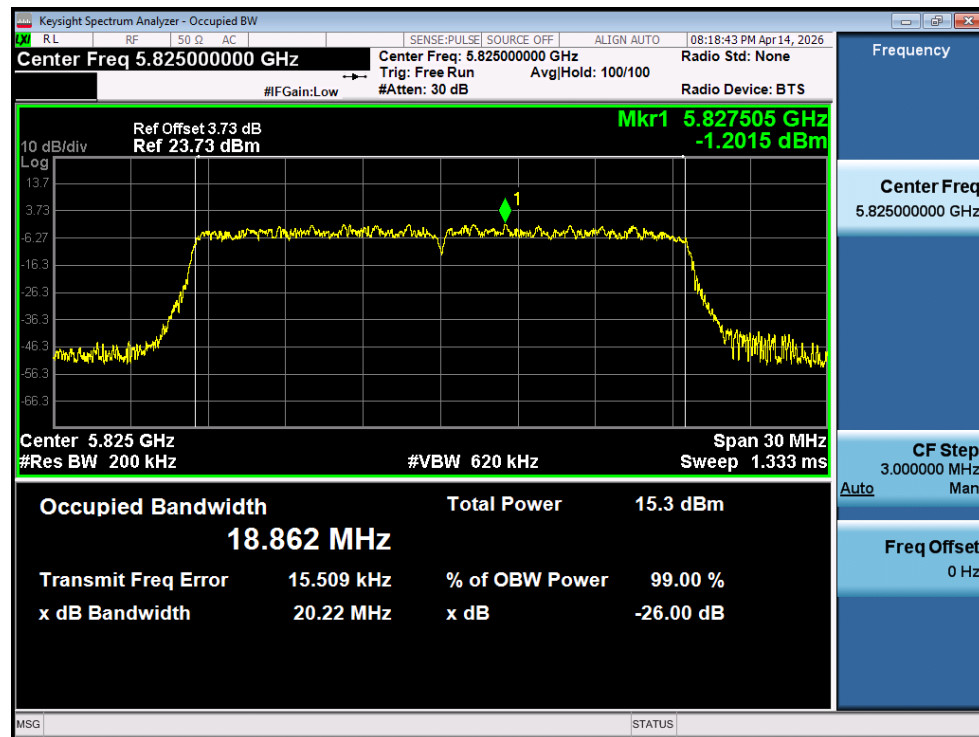
OBW NVNT ax20 5745MHz AntA



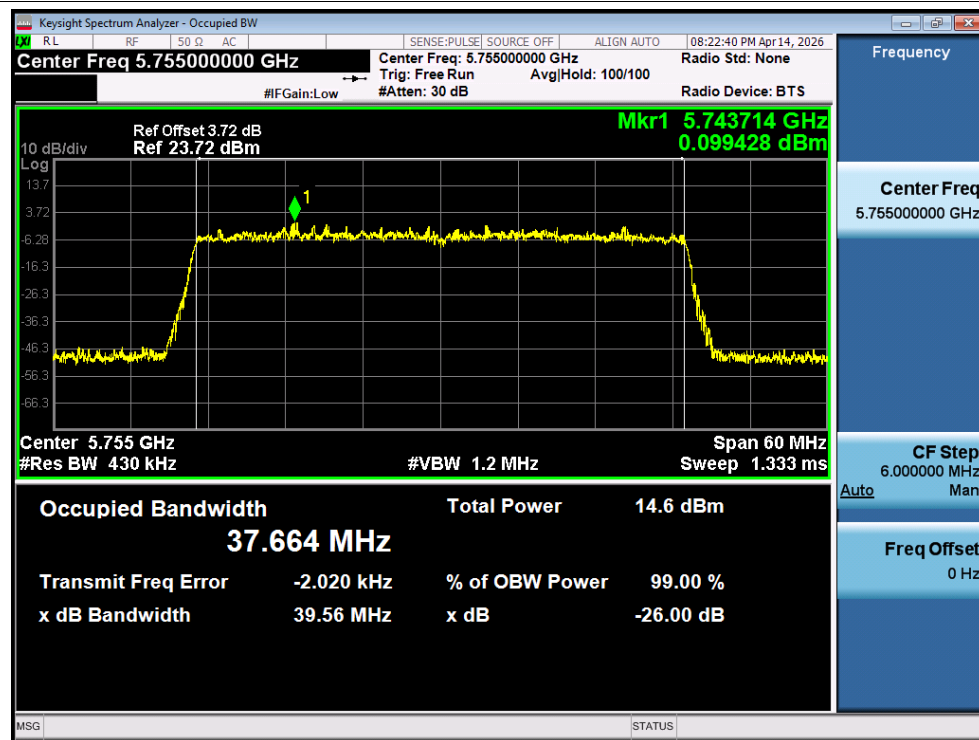
OBW NVNT ax20 5785MHz AntA



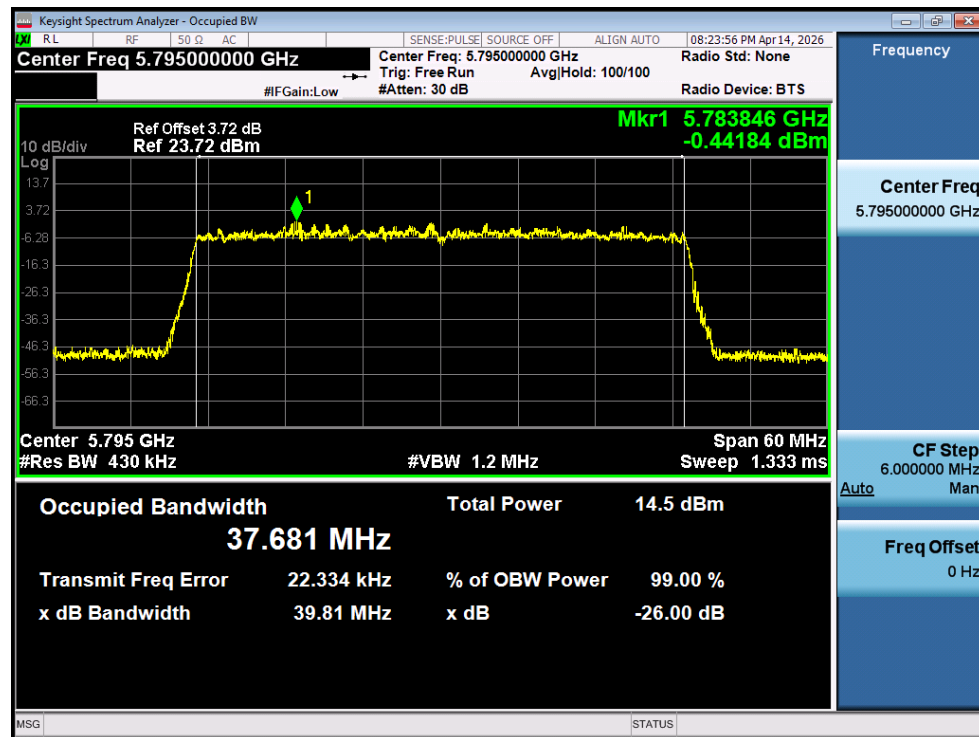
OBW NVNT ax20 5825MHz AntA



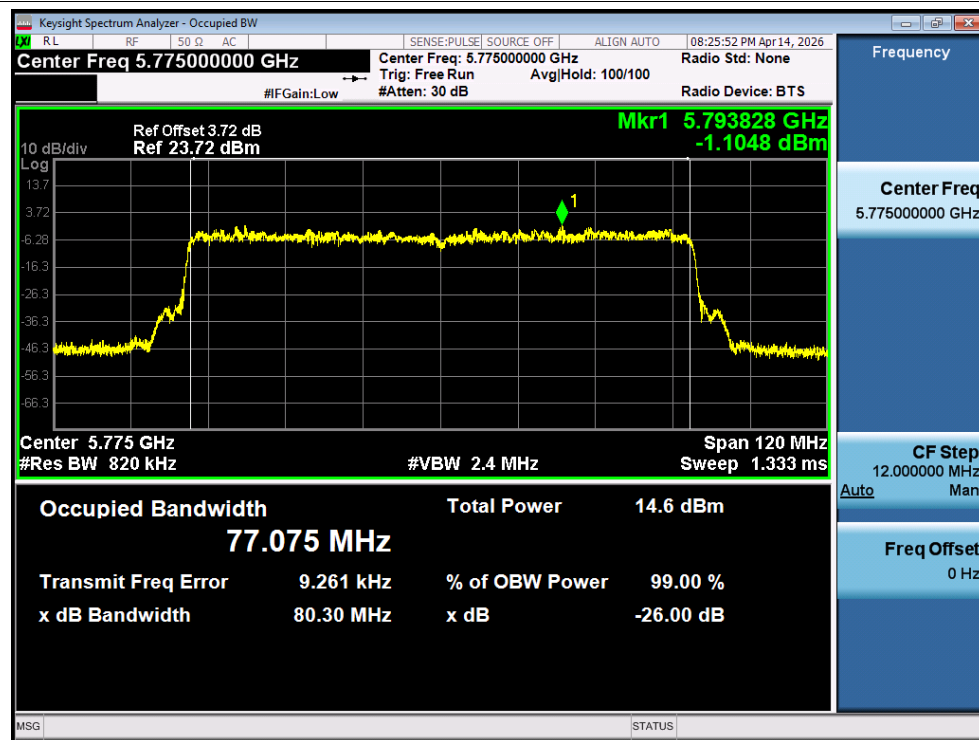
OBW NVNT ax40 5755MHz AntA



OBW NVNT ax40 5795MHz AntA



OBW NVNT ax80 5775MHz AntA



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	AntA	-3.7	-3.786	1.12	-2.67	30	Pass
NVNT	a	5785	AntA	-3.94	-4.026	1.12	-2.91	30	Pass
NVNT	a	5825	AntA	-4.5	-4.586	1.12	-3.47	30	Pass
NVNT	n20	5745	AntA	-5.01	-5.096	1.4	-3.70	30	Pass
NVNT	n20	5785	AntA	-5.66	-5.746	1.4	-4.35	30	Pass
NVNT	n20	5825	AntA	-5.46	-5.546	1.4	-4.15	30	Pass
NVNT	n40	5755	AntA	-9.51	-9.596	2.11	-7.49	30	Pass
NVNT	n40	5795	AntA	-10.15	-10.236	2.11	-8.13	30	Pass
NVNT	ac20	5745	AntA	-5.03	-5.116	1.25	-3.87	30	Pass
NVNT	ac20	5785	AntA	-5.55	-5.636	1.25	-4.39	30	Pass
NVNT	ac20	5825	AntA	-5.39	-5.476	1.25	-4.23	30	Pass
NVNT	ac40	5755	AntA	-9.68	-9.766	2.01	-7.76	30	Pass
NVNT	ac40	5795	AntA	-9.64	-9.726	2.01	-7.72	30	Pass
NVNT	ac80	5775	AntA	-13.46	-13.546	3.01	-10.54	30	Pass
NVNT	ax20	5745	AntA	-5.19	-5.276	1.33	-3.95	30	Pass
NVNT	ax20	5785	AntA	-5.43	-5.516	1.33	-4.19	30	Pass
NVNT	ax20	5825	AntA	-5.7	-5.786	1.33	-4.46	30	Pass
NVNT	ax40	5755	AntA	-9.3	-9.386	2.11	-7.28	30	Pass
NVNT	ax40	5795	AntA	-9.76	-9.846	2.11	-7.74	30	Pass
NVNT	ax80	5775	AntA	-13.27	-13.356	3.01	-10.35	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

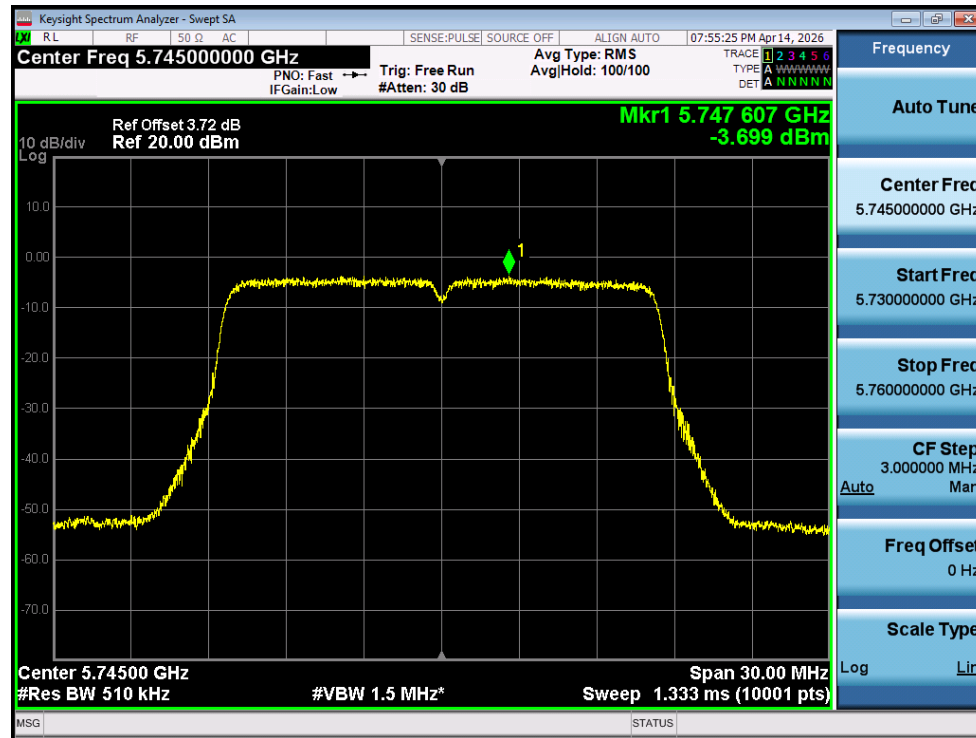
Note:

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

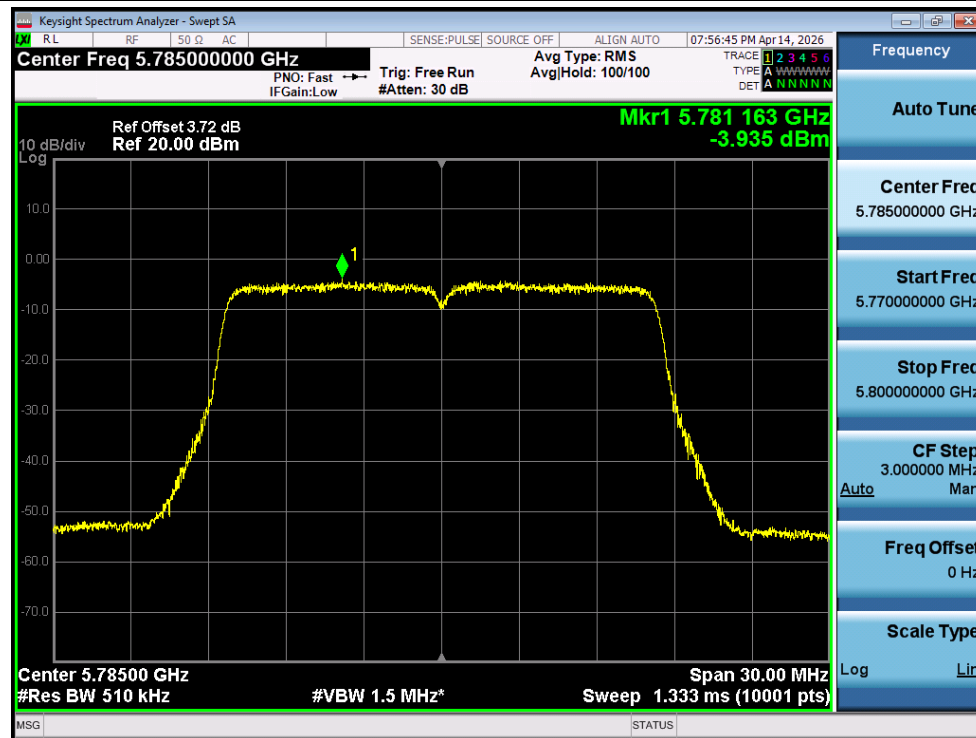
Limit=30 dBm

Test Graphs

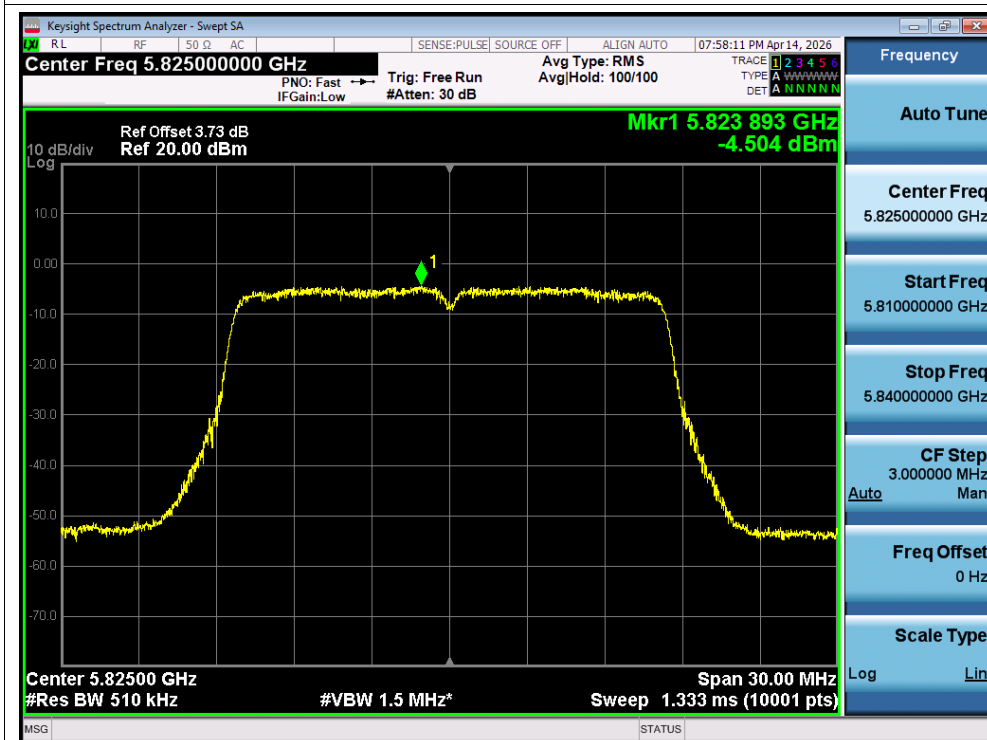
PSD NVNT a 5745MHz AntA



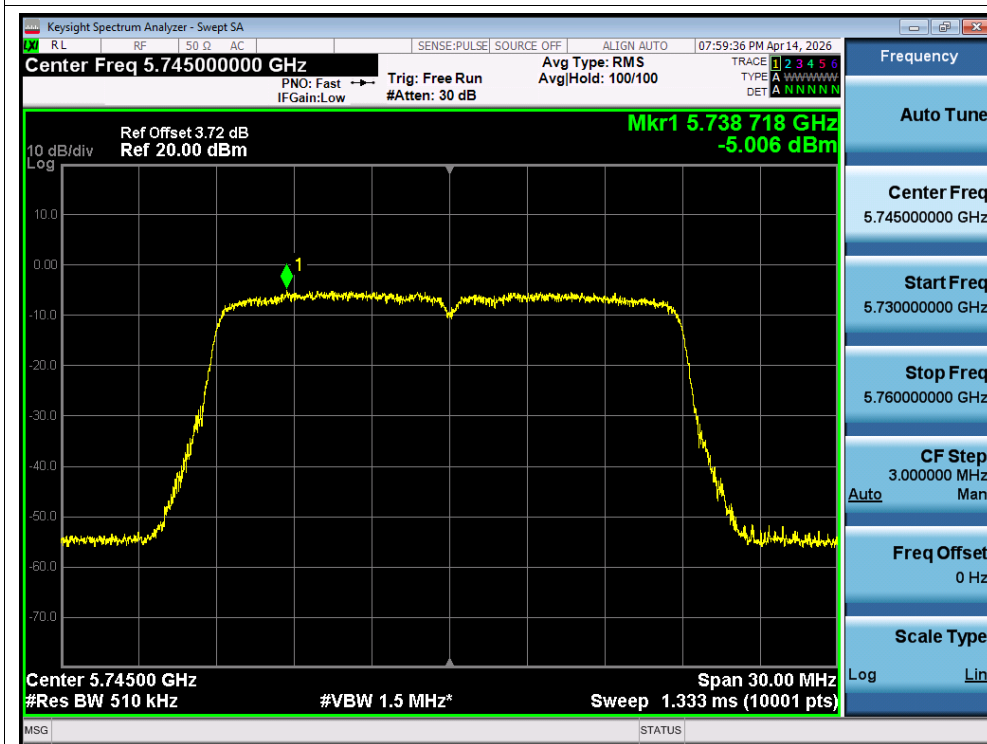
PSD NVNT a 5785MHz AntA

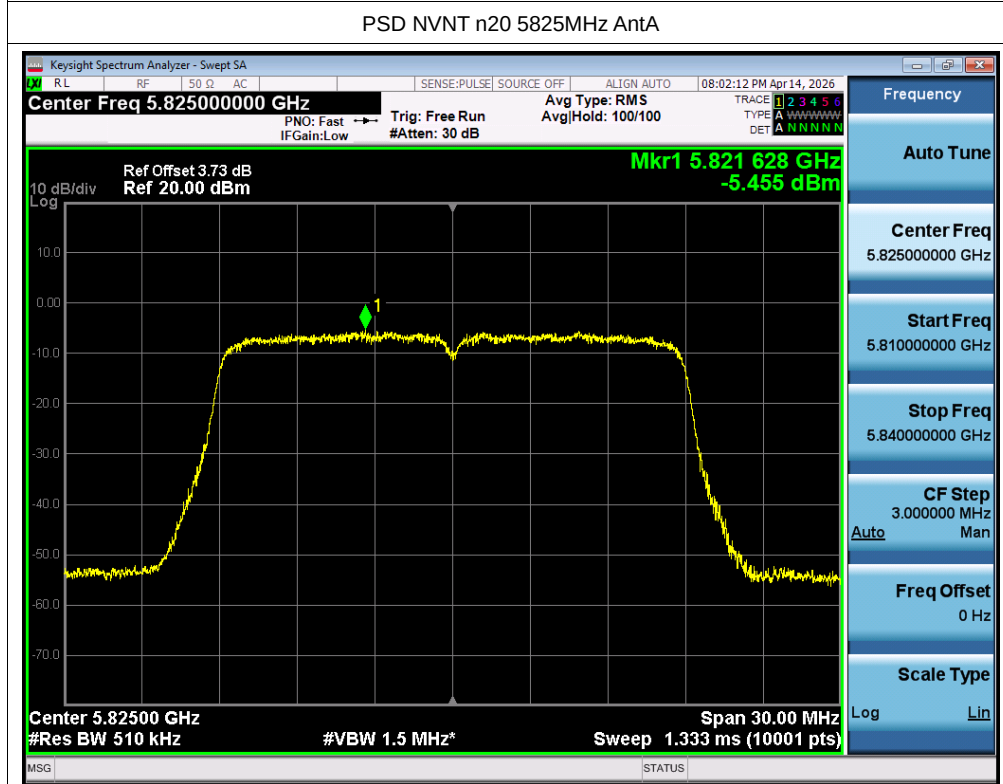
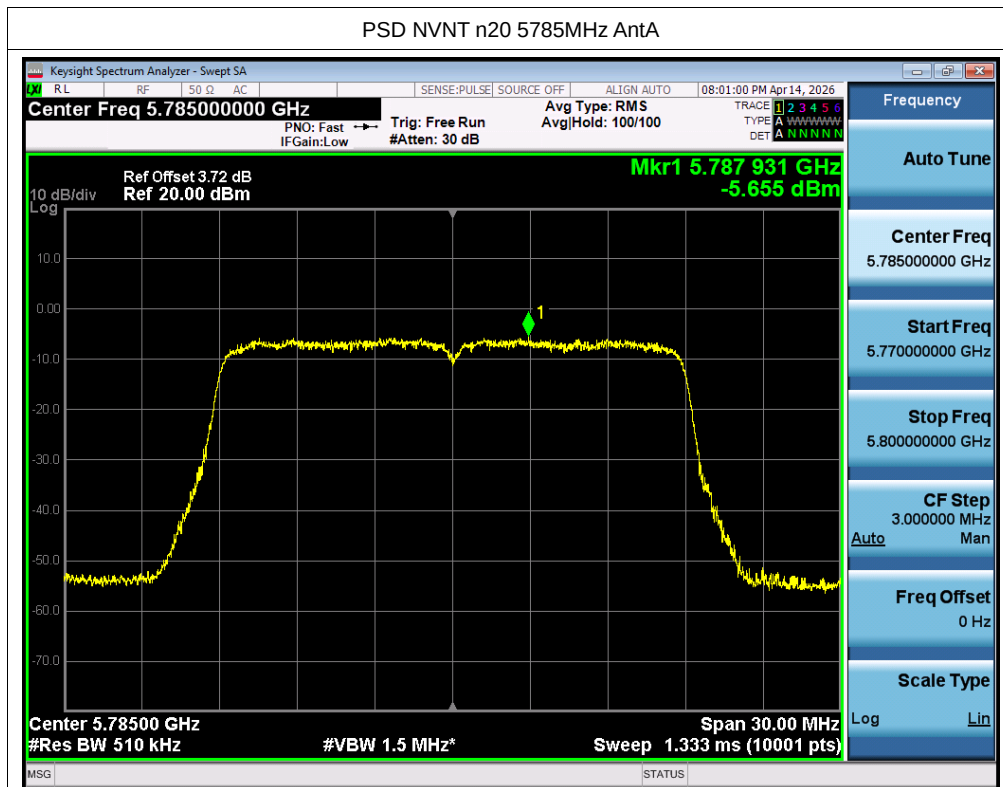


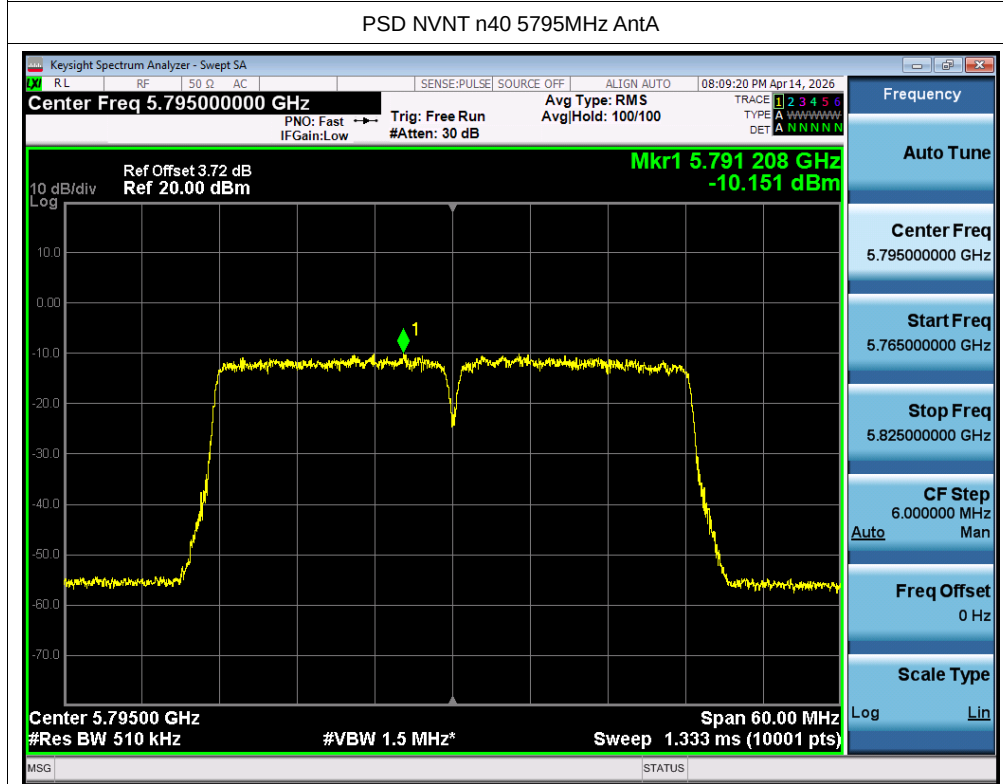
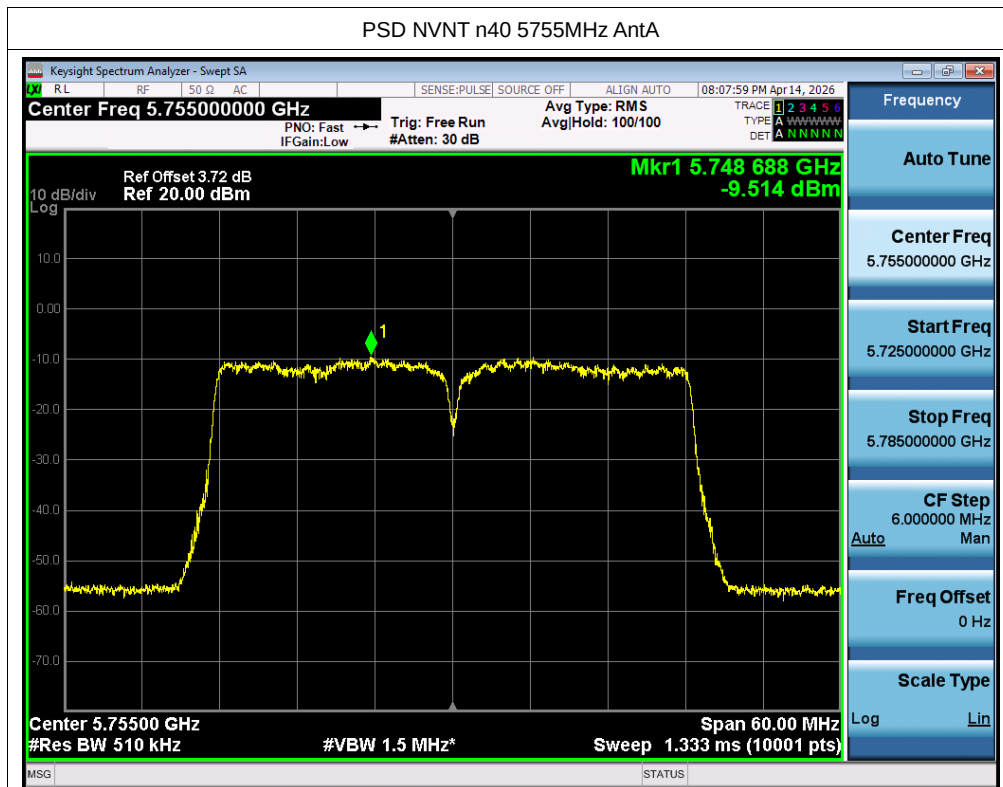
PSD NVNT a 5825MHz AntA



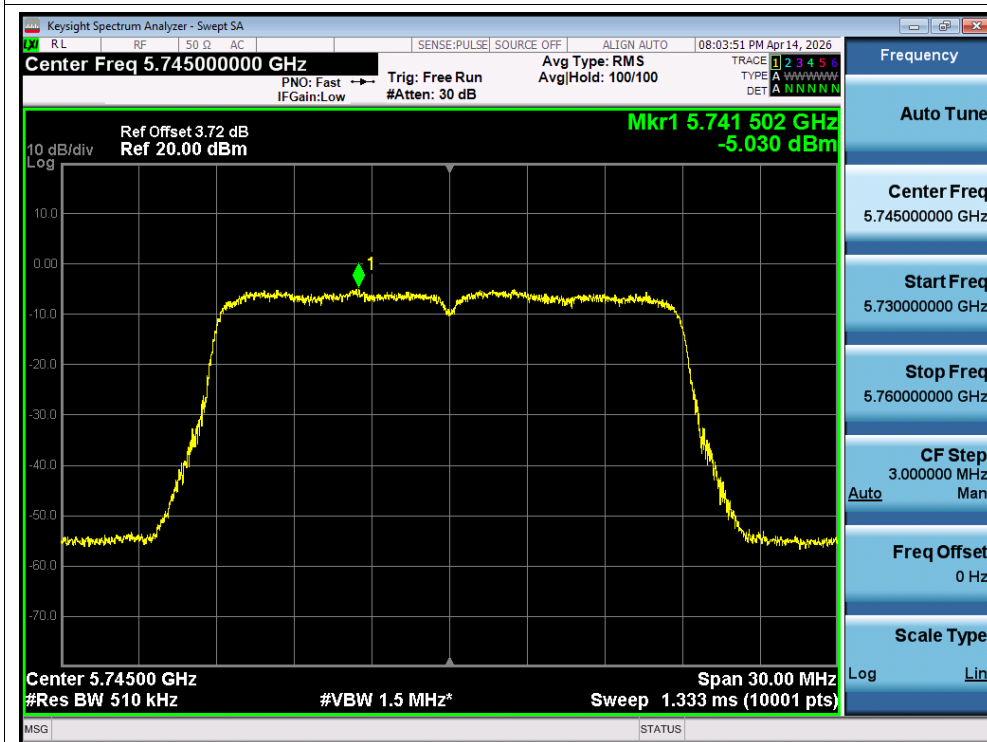
PSD NVNT n20 5745MHz AntA



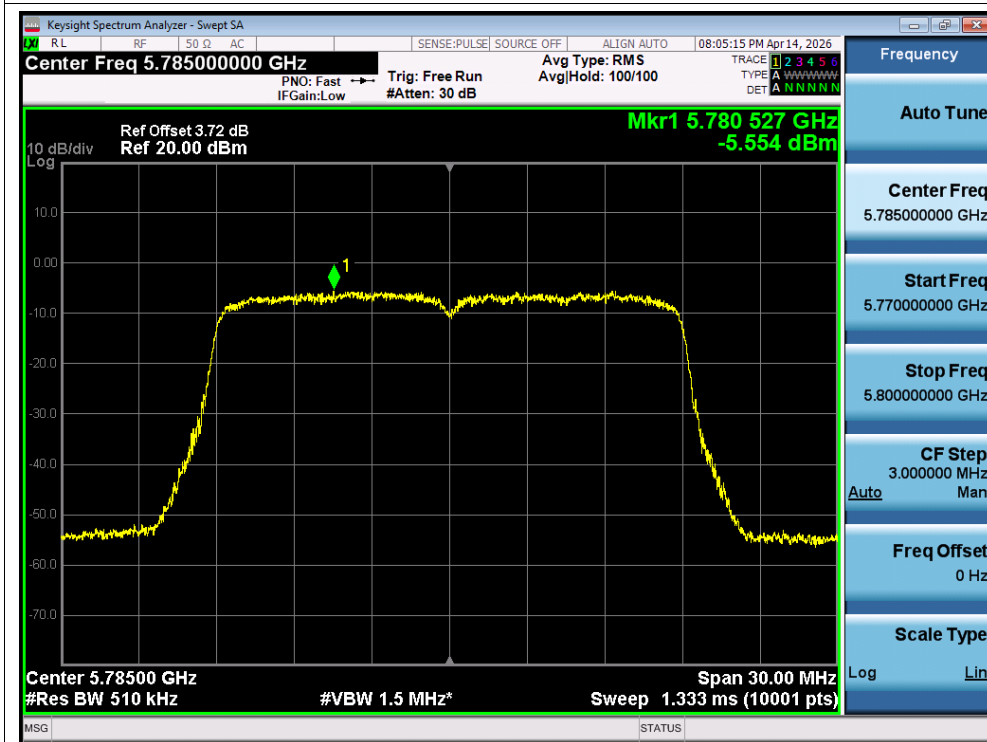




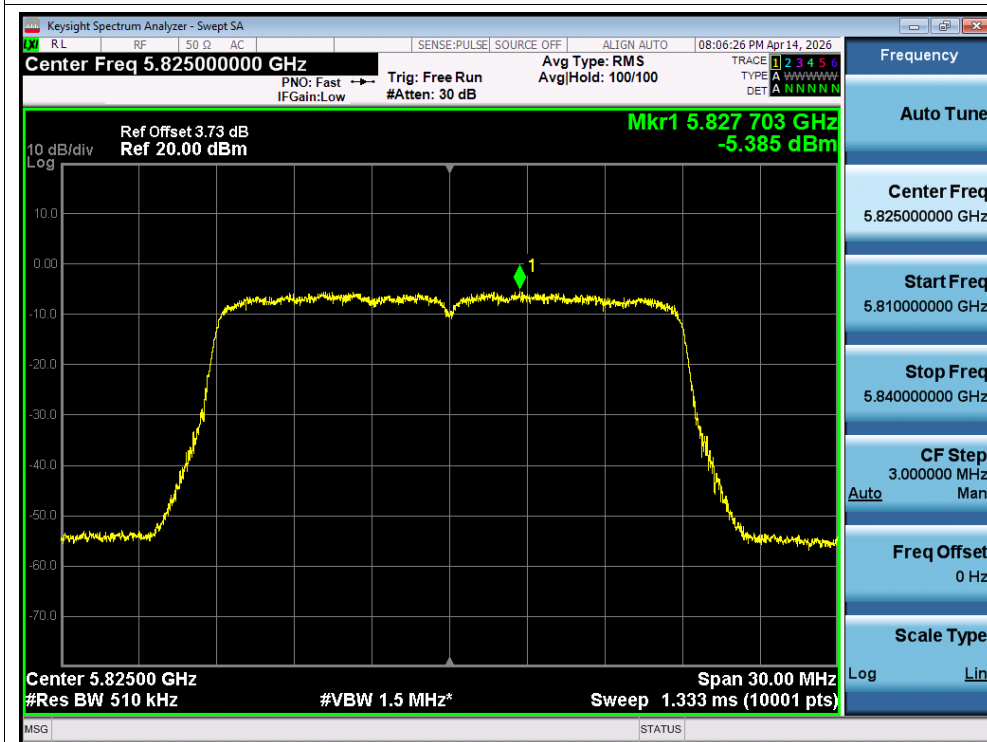
PSD NVNT ac20 5745MHz AntA



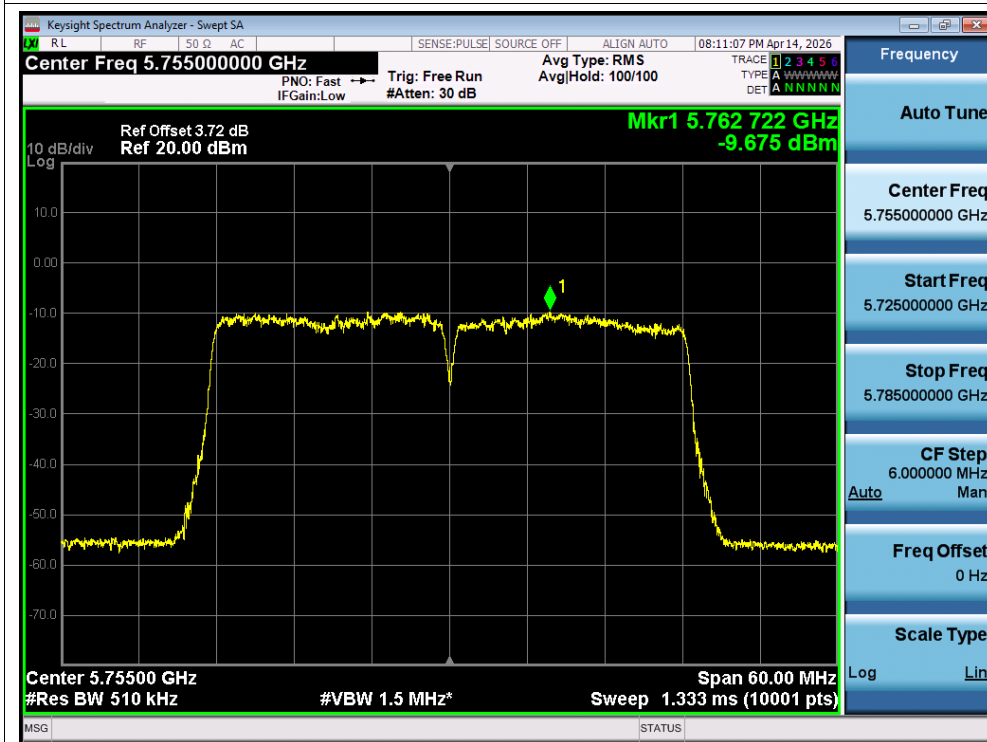
PSD NVNT ac20 5785MHz AntA



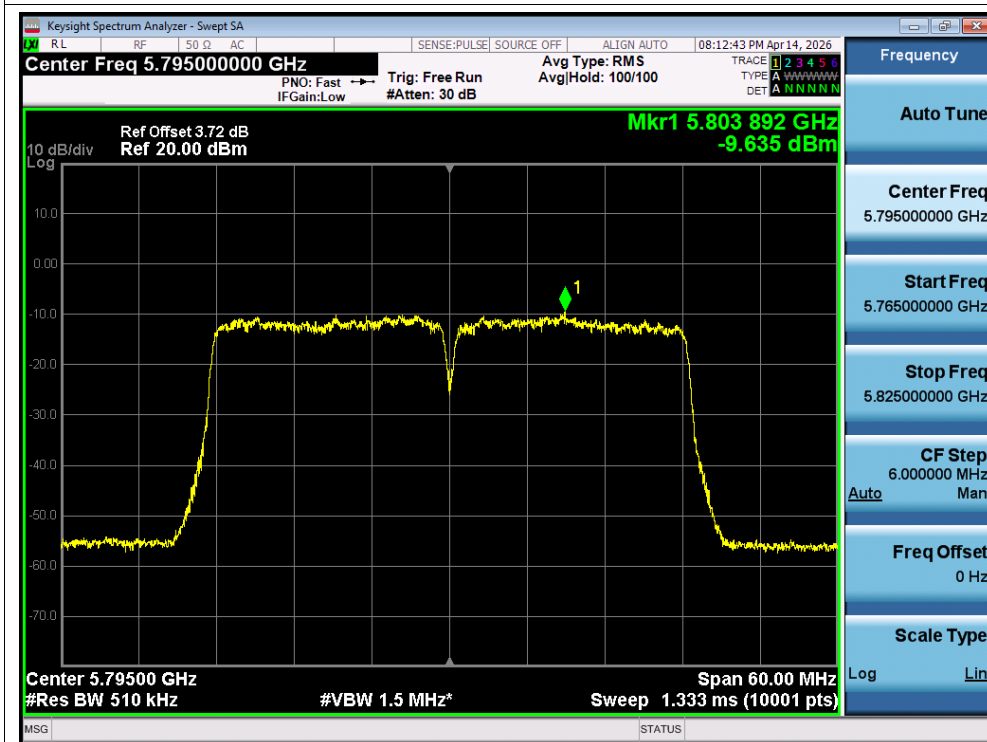
PSD NVNT ac20 5825MHz AntA



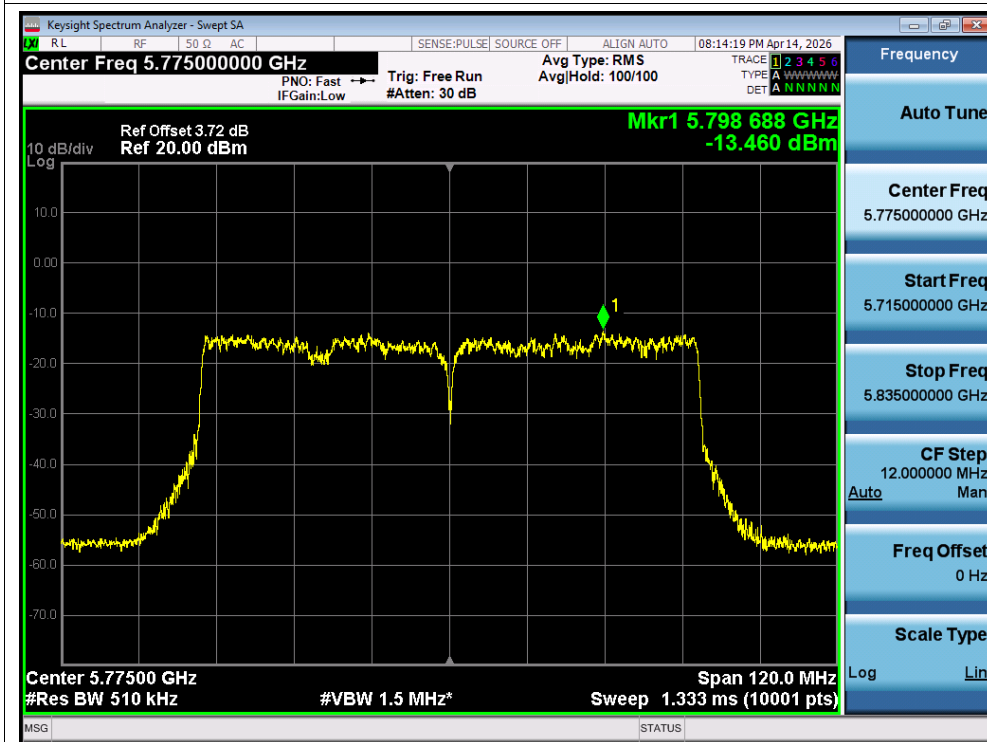
PSD NVNT ac40 5755MHz AntA



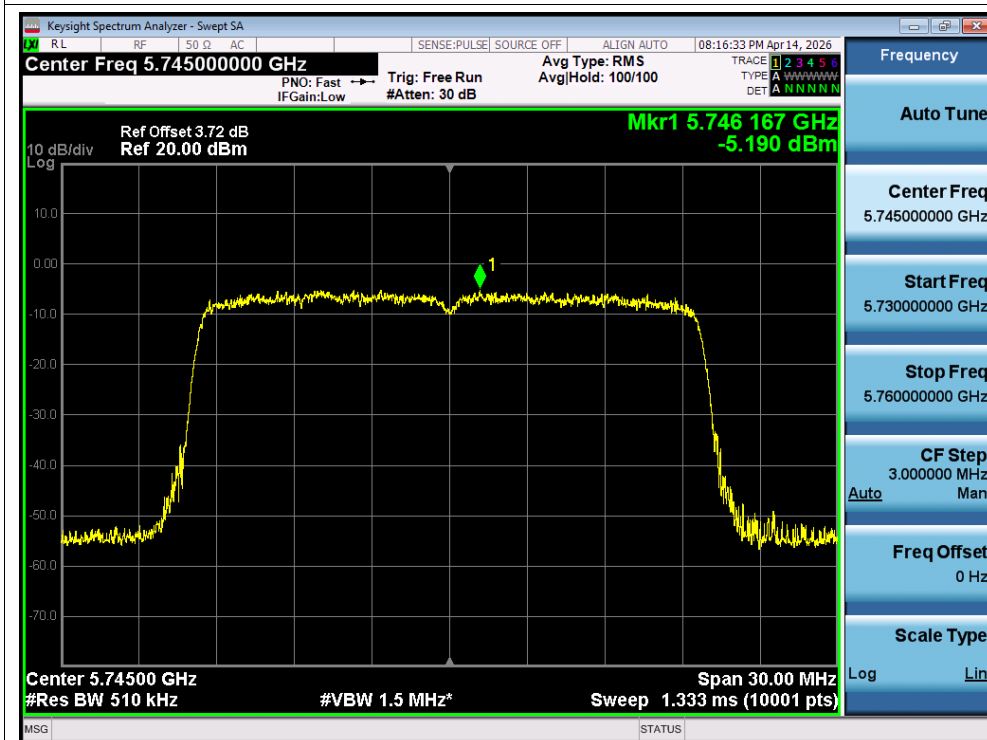
PSD NVNT ac40 5795MHz AntA



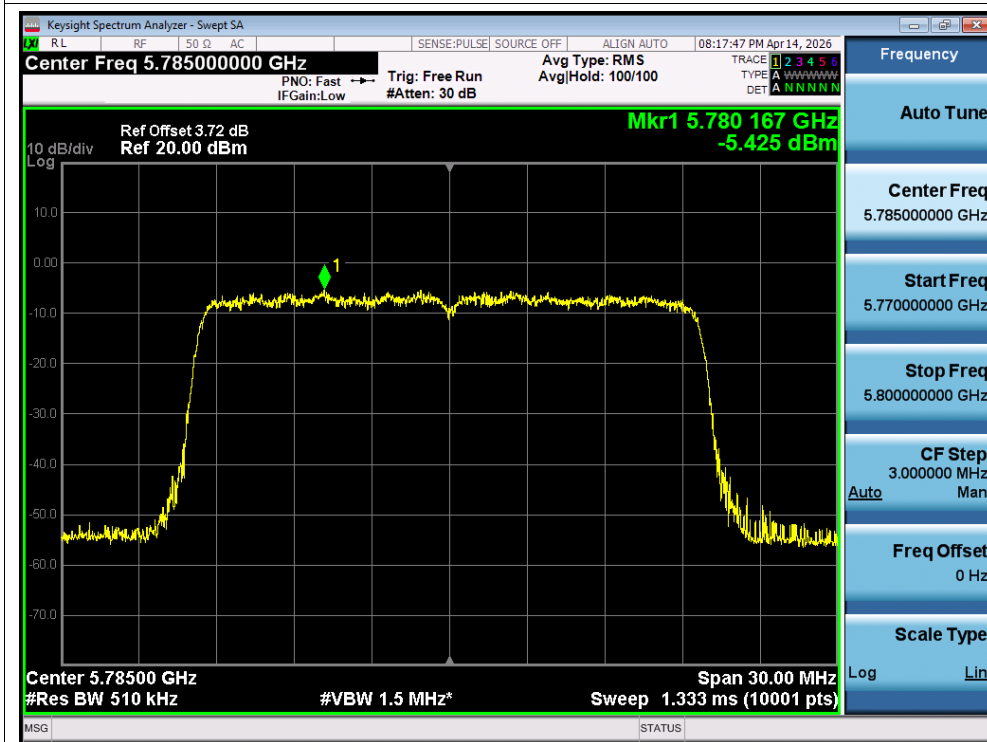
PSD NVNT ac80 5775MHz AntA



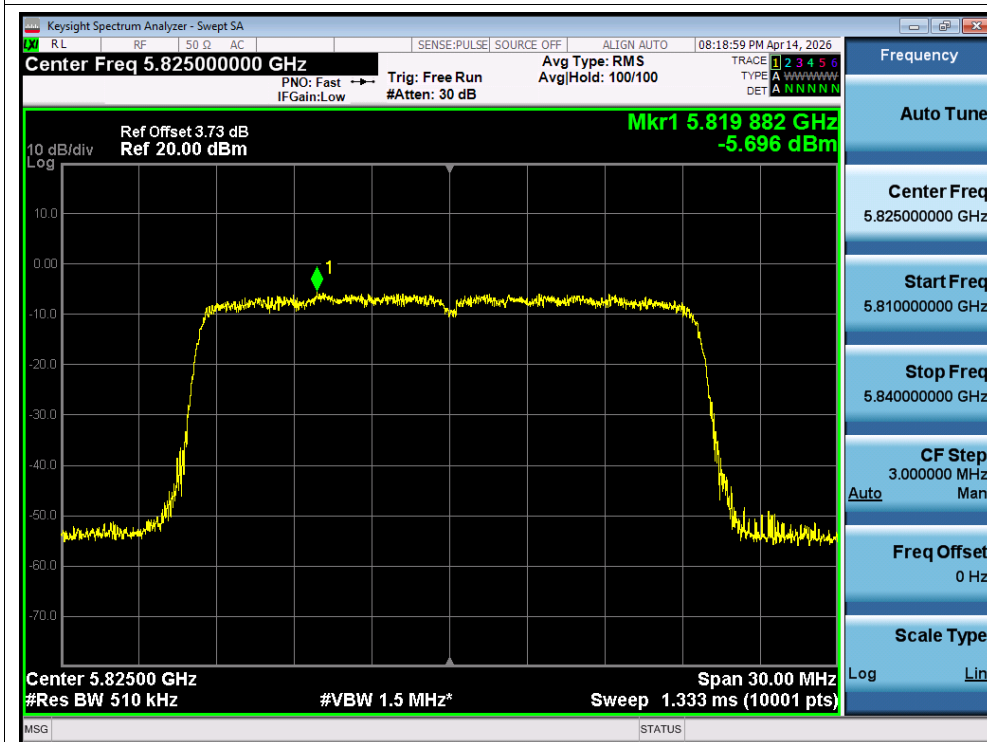
PSD NVNT ax20 5745MHz AntA



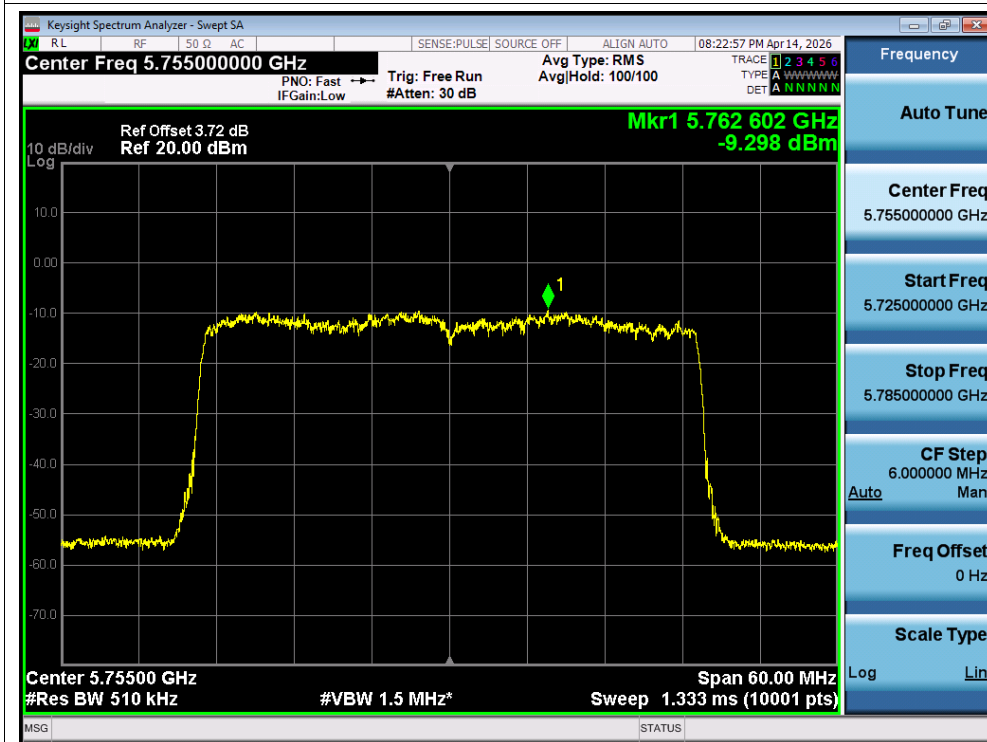
PSD NVNT ax20 5785MHz AntA



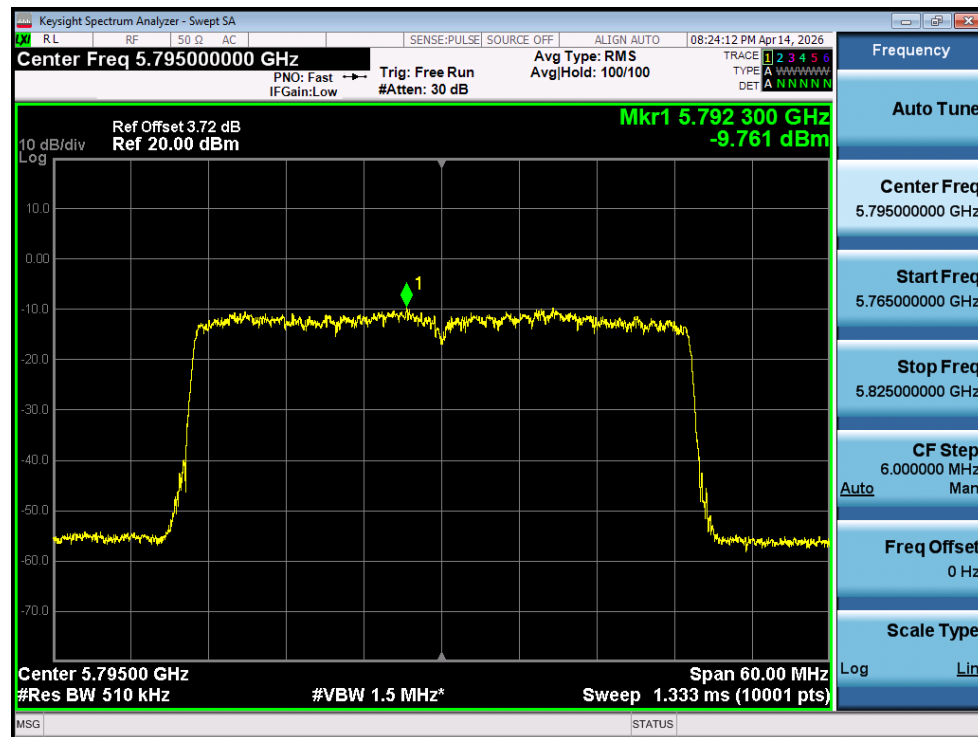
PSD NVNT ax20 5825MHz AntA



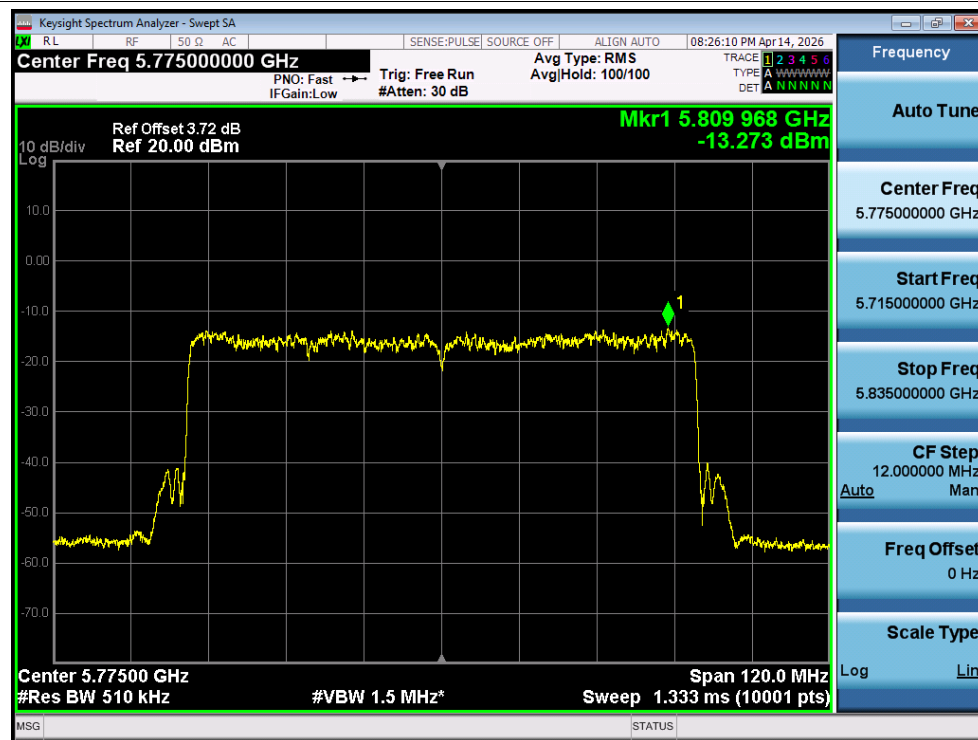
PSD NVNT ax40 5755MHz AntA



PSD NVNT ax40 5795MHz AntA



PSD NVNT ax80 5775MHz AntA

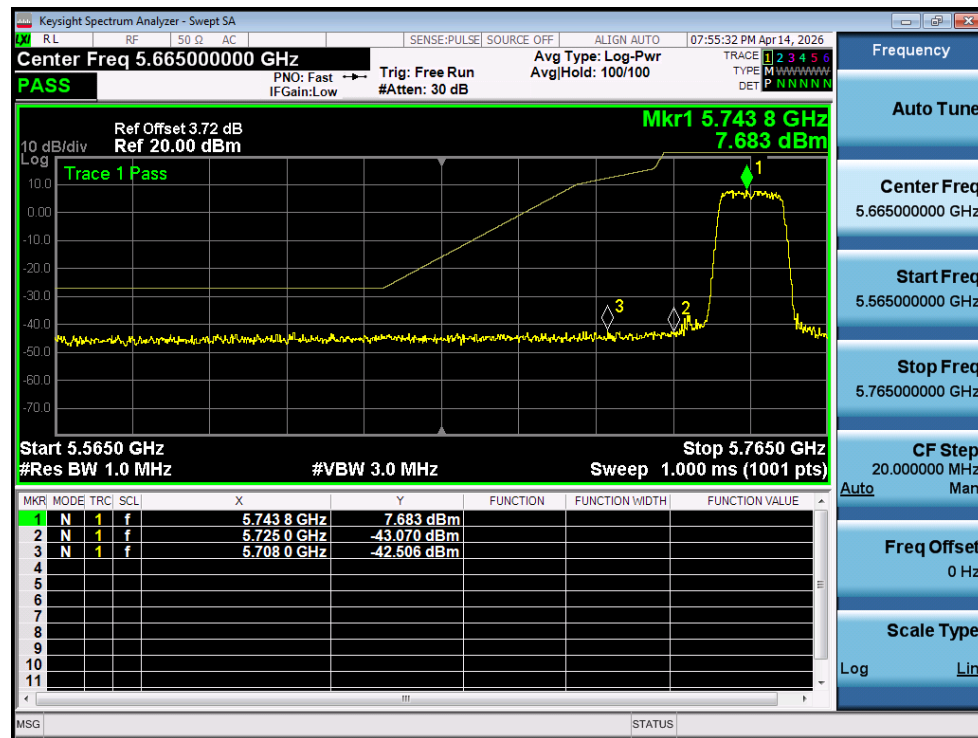


Band Edge

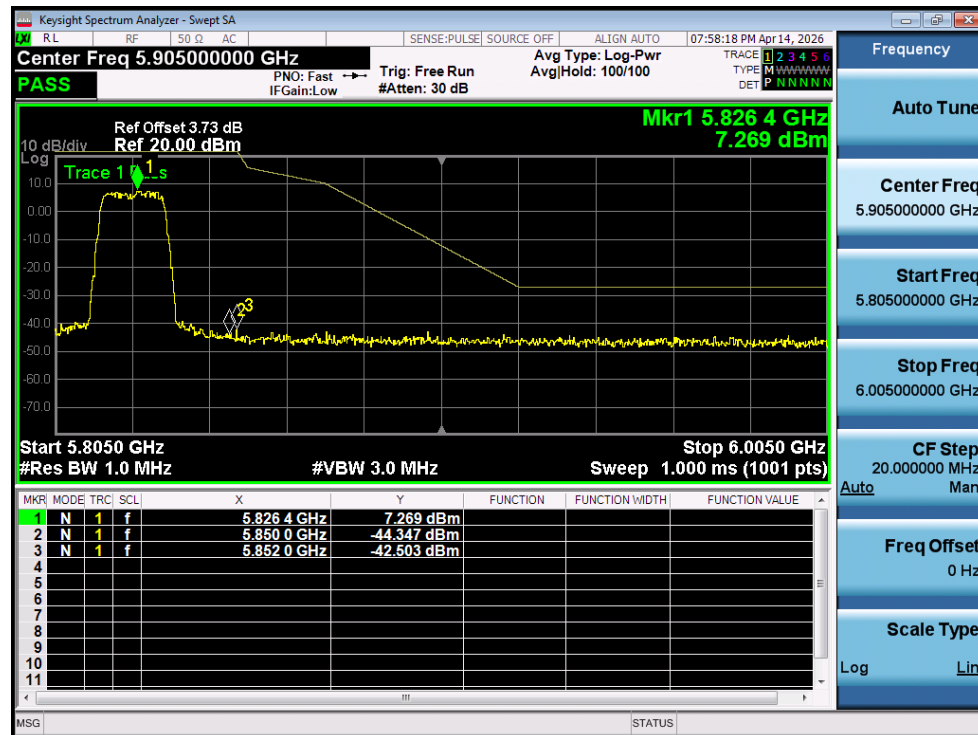
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	AntA	-42.5		Pass
		5825		-42.5		Pass
	n20	5745		-39.79		Pass
		5825		-43.53		Pass
	n40	5755		-41.44		Pass
		5795		-43.91		Pass
	ac20	5745		-42.03		Pass
		5825		-43.29		Pass
	ac40	5755		-42.49		Pass
		5795		-43.44		Pass
	ac80	5775		-43.2		Pass
				-37.92		Pass
	ax20	5745		-37.08		Pass
		5825		-41.67		Pass
	ax40	5755		-42.16		Pass
		5795		-42.21		Pass
	ax80	5775		-42.76		Pass
				-42.07		Pass

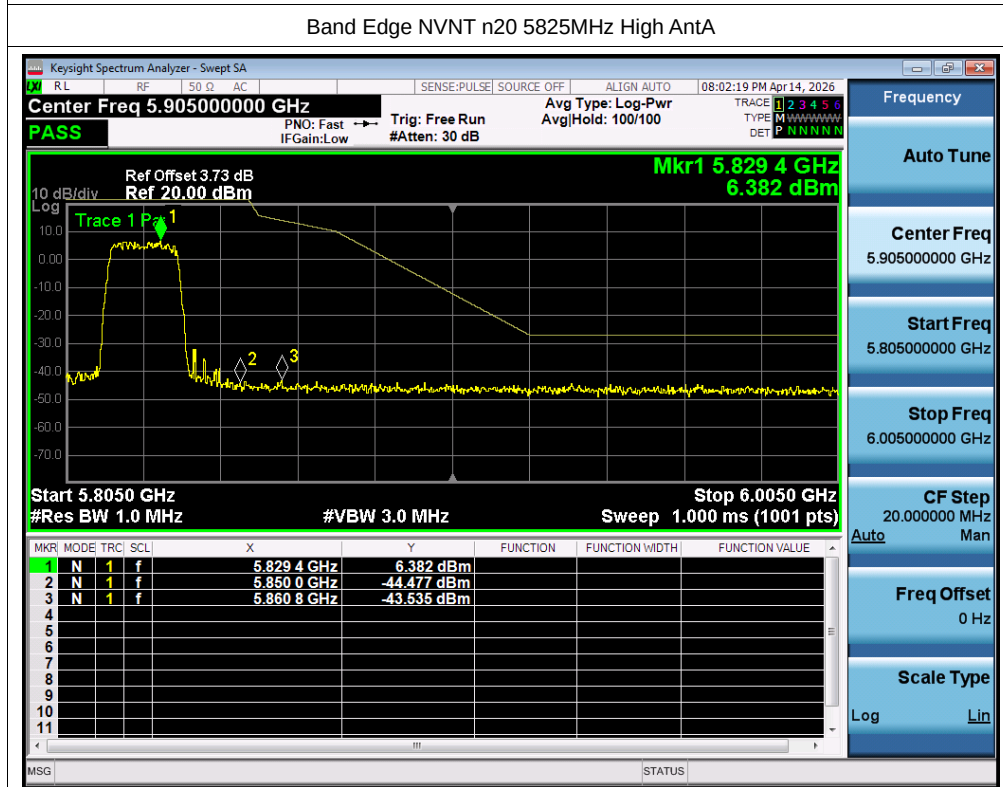
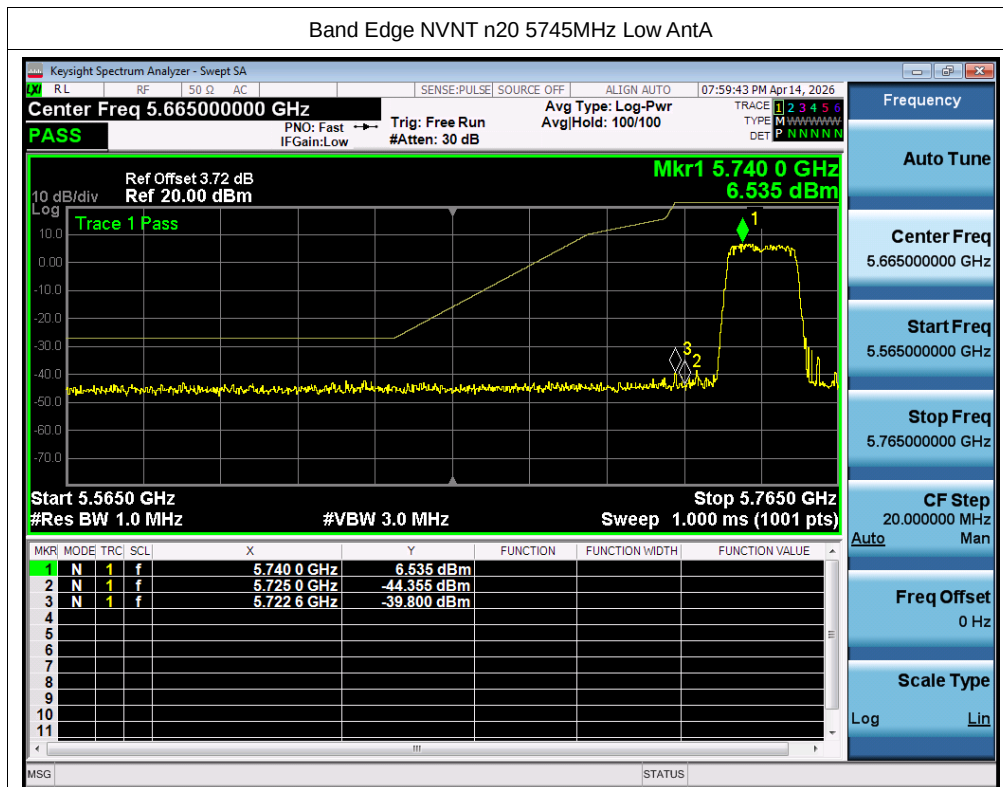
Test Graphs

Band Edge NVNT a 5745MHz Low AntA

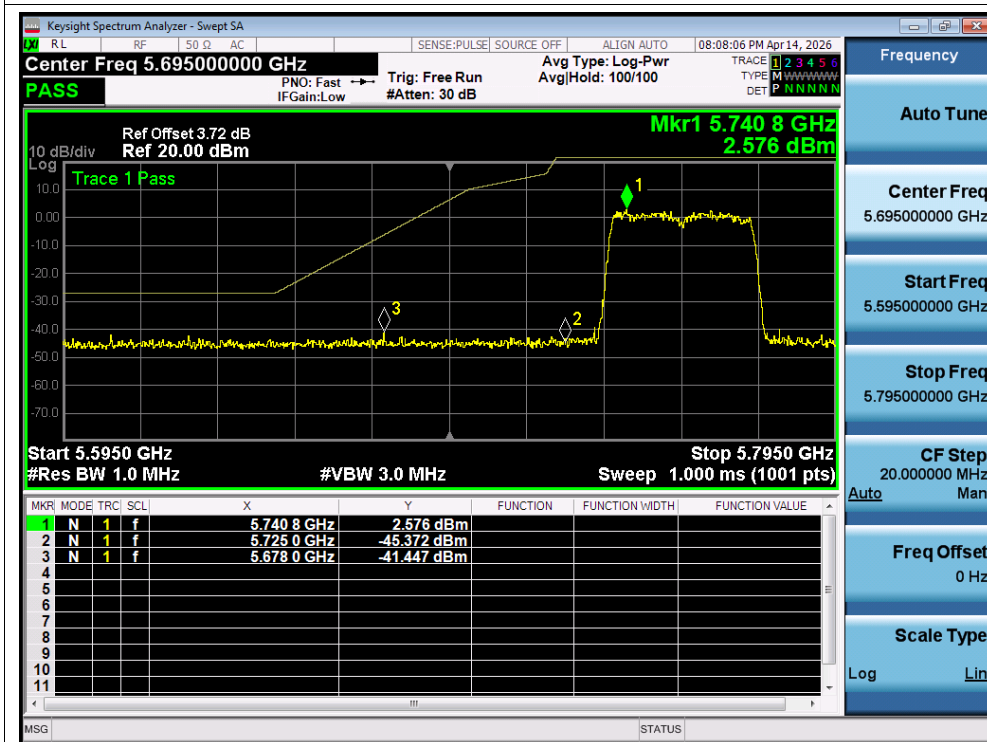


Band Edge NVNT a 5825MHz High AntA

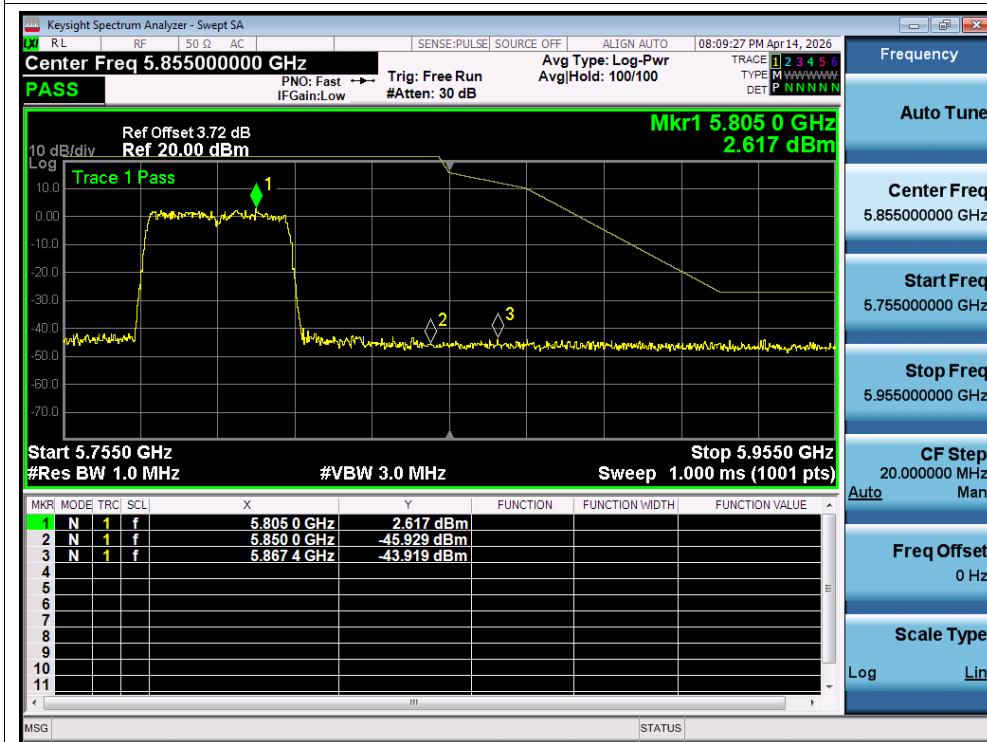




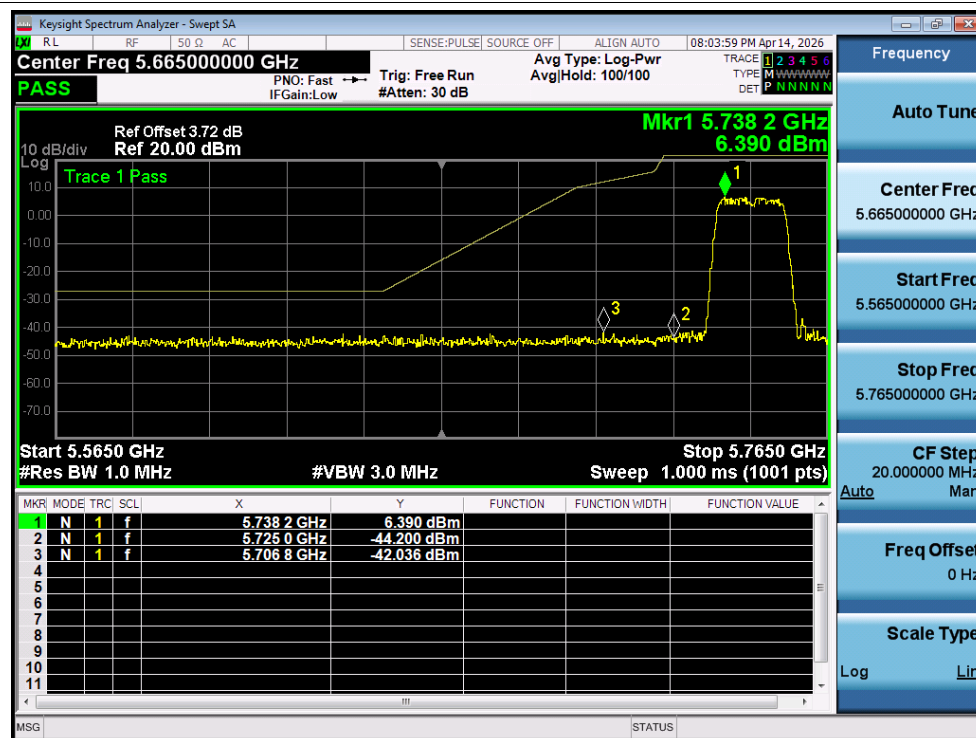
Band Edge NVNT n40 5755MHz Low AntA



Band Edge NVNT n40 5795MHz High AntA



Band Edge NVNT ac20 5745MHz Low AntA



Band Edge NVNT ac20 5825MHz High AntA

