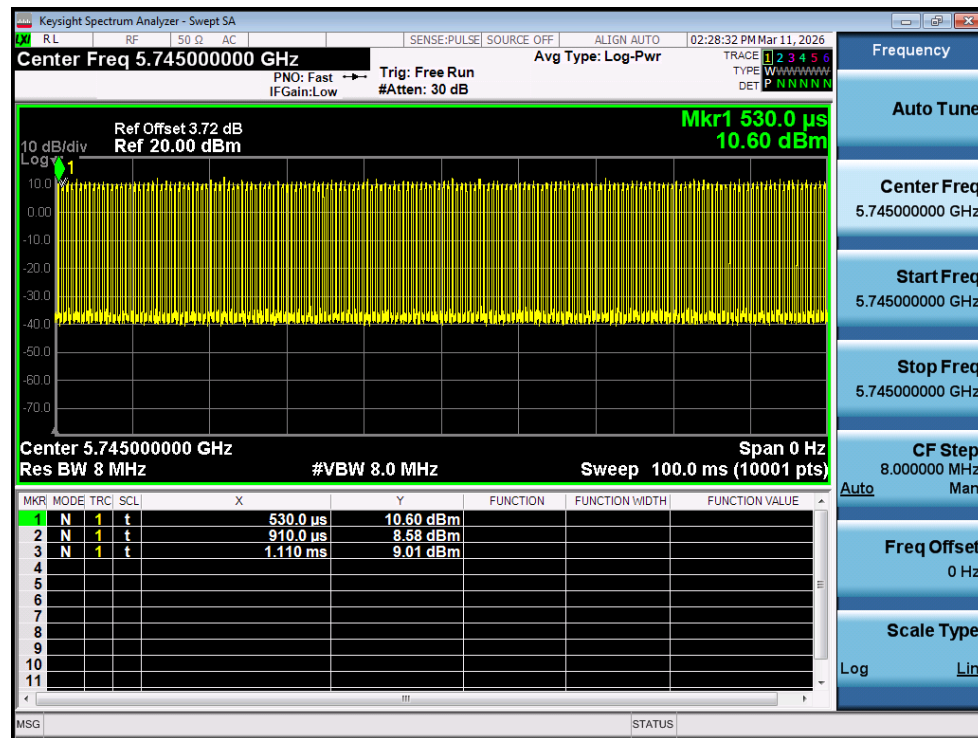


Duty Cycle

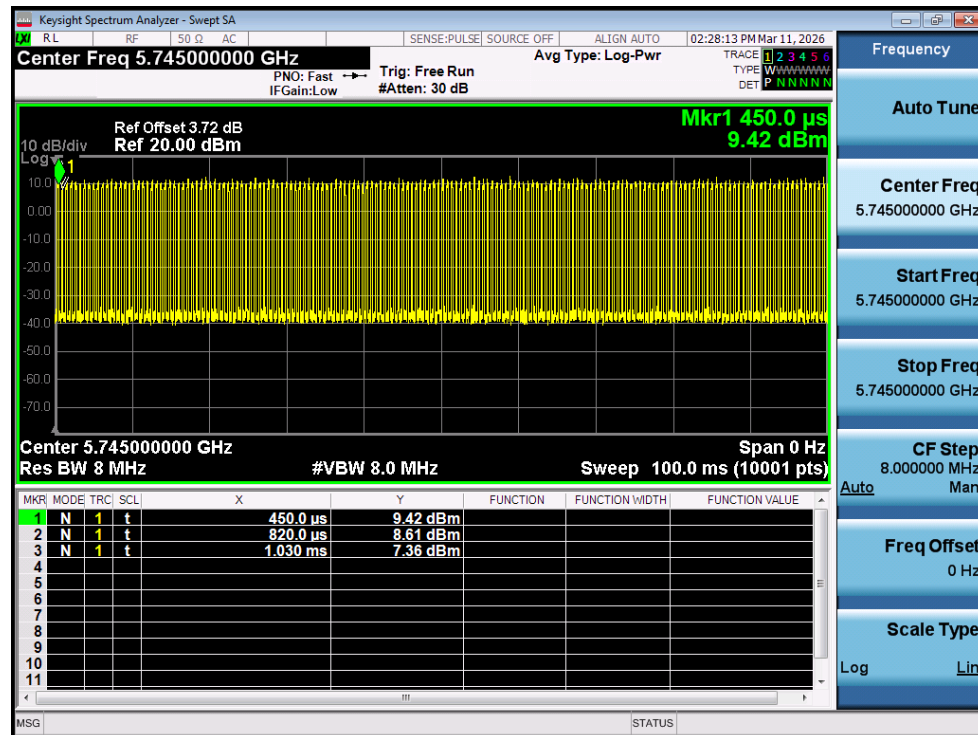
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	AntB	34.48	4.62
NVNT	n20	5745	AntB	36.21	4.41
NVNT	n40	5755	AntB	34.48	4.62
NVNT	ac20	5745	AntB	36.21	4.41
NVNT	ac40	5755	AntB	33.9	4.7
NVNT	ac80	5775	AntB	32.76	4.85
NVNT	ax20	5745	AntB	36.21	4.41
NVNT	ax40	5755	AntB	34.48	4.62
NVNT	ax80	5775	AntB	33.51	4.75

Test Graphs

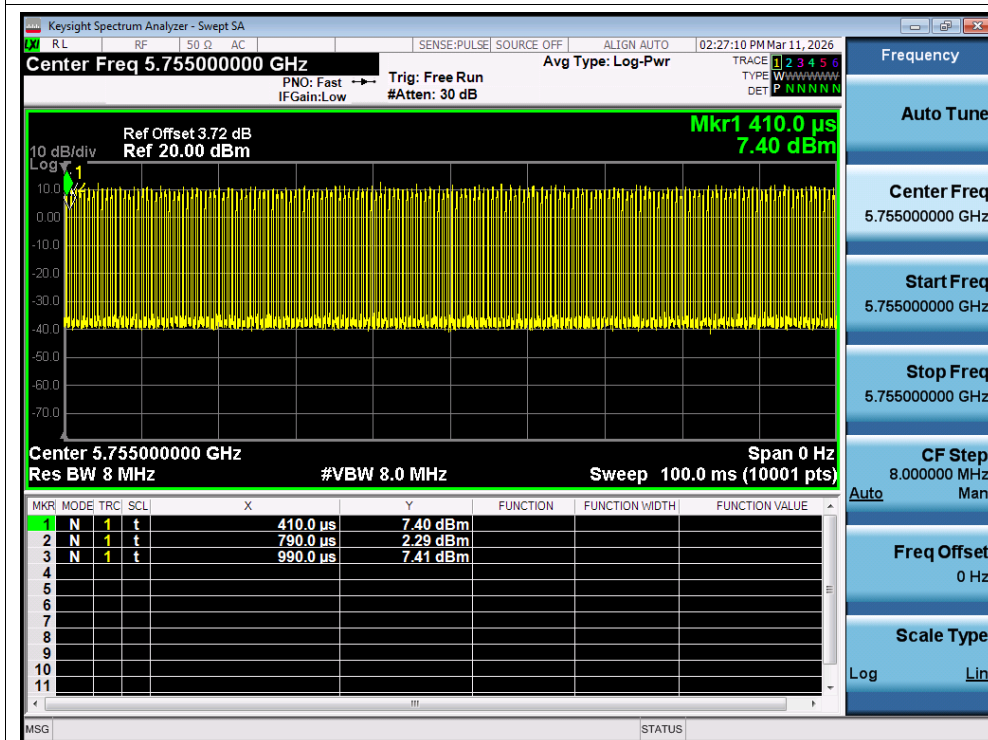
Duty Cycle NVNT a 5745MHz AntB



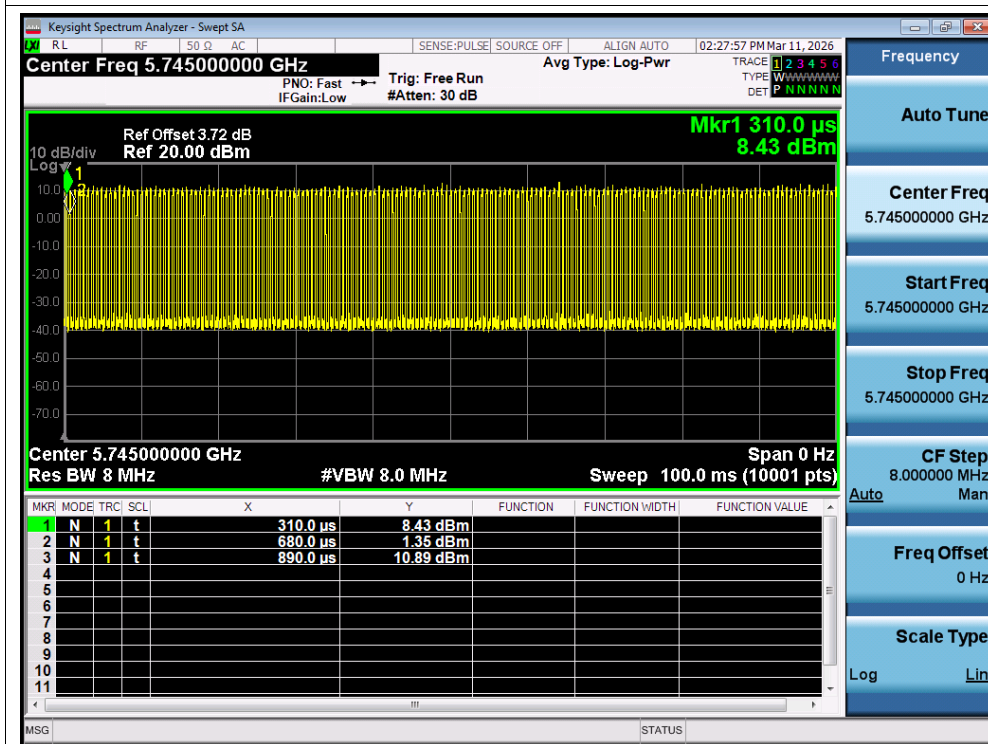
Duty Cycle NVNT n20 5745MHz AntB



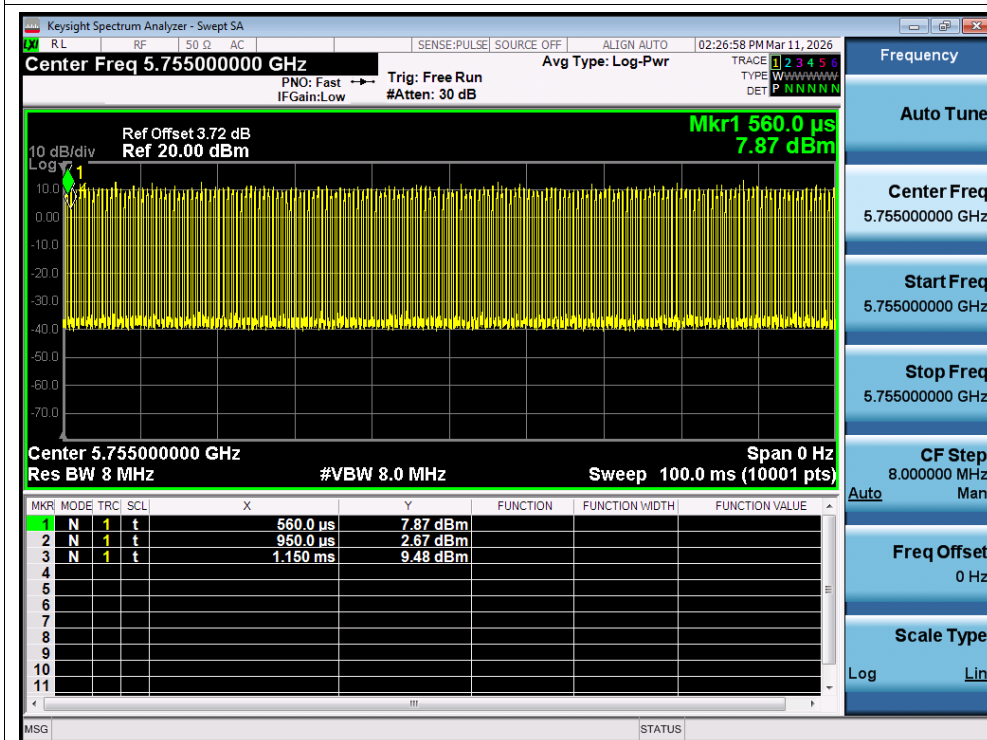
Duty Cycle NVNT n40 5755MHz AntB



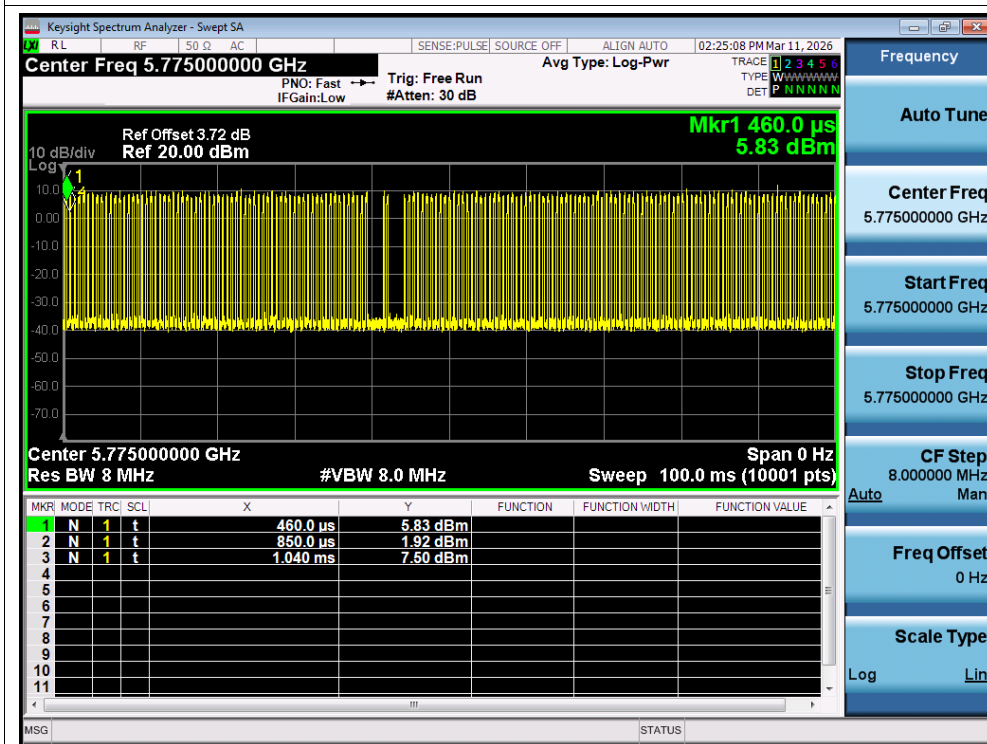
Duty Cycle NVNT ac20 5745MHz AntB



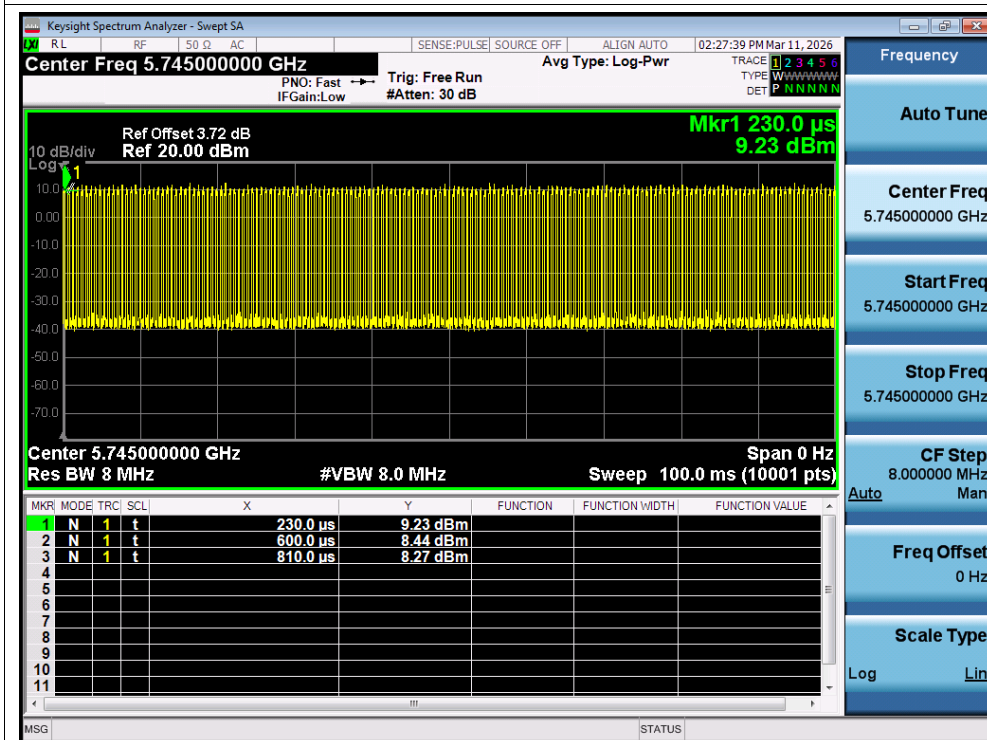
Duty Cycle NVNT ac40 5755MHz AntB



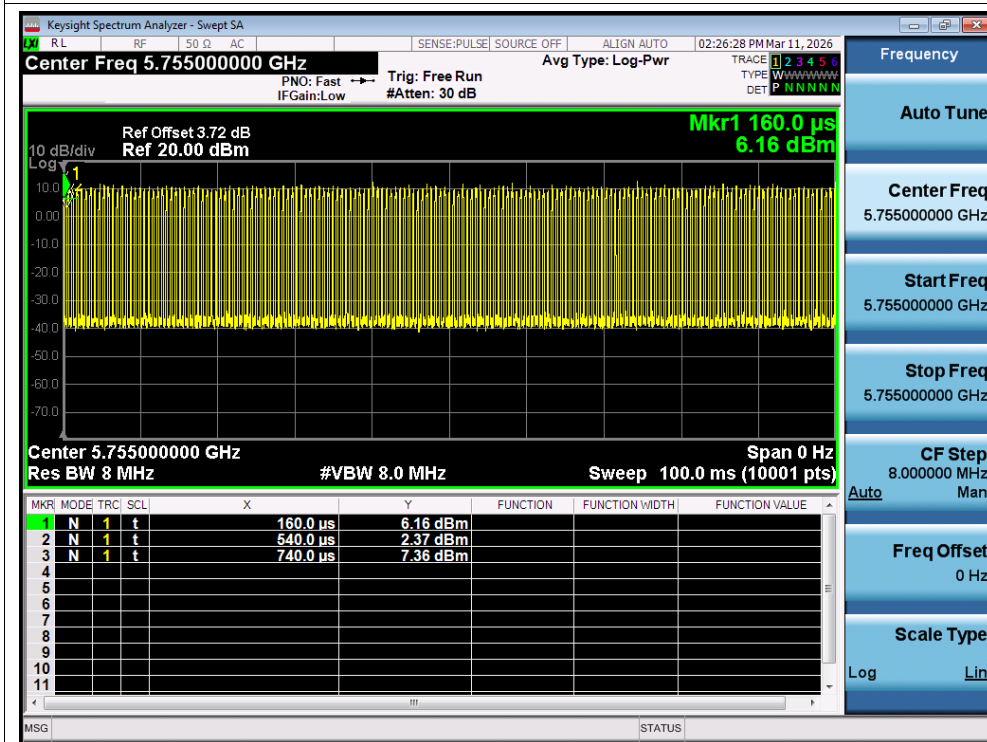
Duty Cycle NVNT ac80 5775MHz AntB

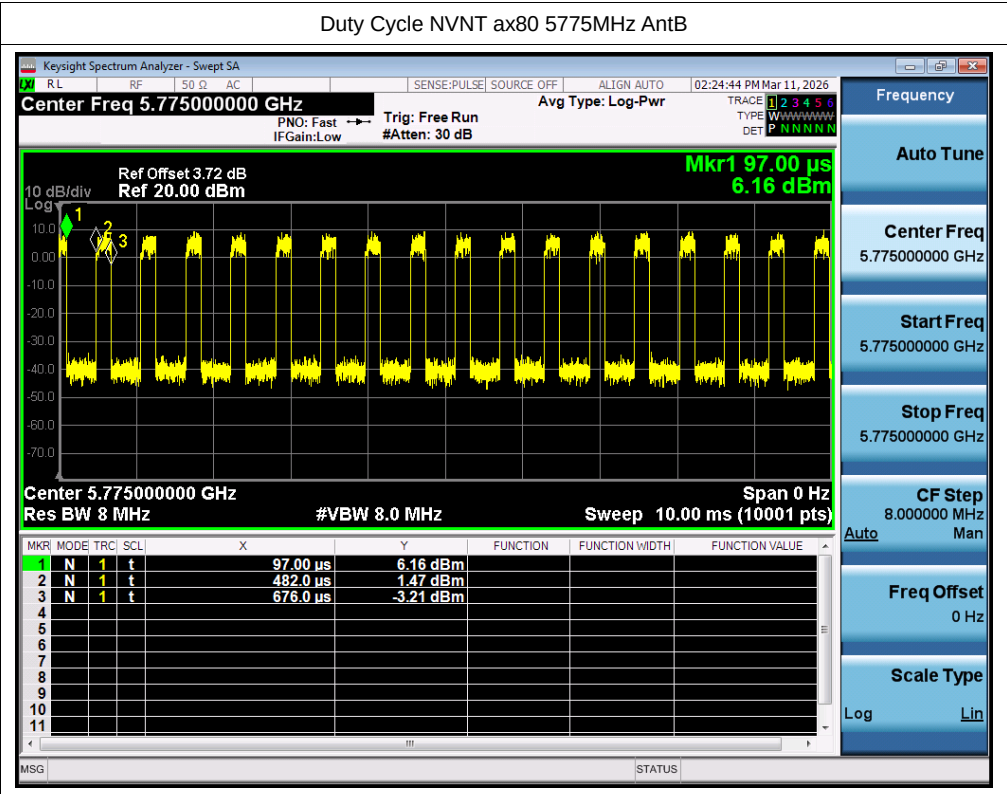


Duty Cycle NVNT ax20 5745MHz AntB



Duty Cycle NVNT ax40 5755MHz AntB





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	AntB	11.61	4.62	16.23	30	Pass
		5785		12.25	4.62	16.87	30	Pass
		5825		10.84	4.62	15.46	30	Pass
	n20	5745		10.8	4.41	15.21	30	Pass
		5785		11.5	4.41	15.91	30	Pass
		5825		10.05	4.41	14.46	30	Pass
	n40	5755		9.69	4.62	14.31	30	Pass
		5795		10.33	4.62	14.95	30	Pass
	ac20	5745		9.62	4.41	14.03	30	Pass
		5785		10.89	4.41	15.3	30	Pass
		5825		9.55	4.41	13.96	30	Pass
	ac40	5755		9.02	4.7	13.72	30	Pass
		5795		8.89	4.7	13.59	30	Pass
	ac80	5775		6.29	4.85	11.14	30	Pass
	ax20	5745		10.06	4.41	14.47	30	Pass
		5785		10.73	4.41	15.14	30	Pass
		5825		9.04	4.41	13.45	30	Pass
	ax40	5755		7.52	4.62	12.14	30	Pass
		5795		8	4.62	12.62	30	Pass
	ax80	5775		6.63	4.75	11.38	30	Pass

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)			Limit (dBm)	Verdict
			Ant A	Ant B	Total		
NVNT	a	5745	16.48	16.23	/	30	Pass
NVNT	a	5785	17.2	16.87	/	30	Pass
NVNT	a	5825	15.4	15.46	/	30	Pass
NVNT	n20	5745	15.44	15.21	18.34	30	Pass
NVNT	n20	5785	15.9	15.91	18.92	30	Pass
NVNT	n20	5825	14.53	14.46	17.51	30	Pass
NVNT	n40	5755	14.28	14.31	17.31	30	Pass
NVNT	n40	5795	14.28	14.95	17.64	30	Pass
NVNT	ac20	5745	14.73	14.03	17.40	30	Pass
NVNT	ac20	5785	15.08	15.3	18.20	30	Pass
NVNT	ac20	5825	13.73	13.96	16.86	30	Pass
NVNT	ac40	5755	12.41	13.72	16.12	30	Pass
NVNT	ac40	5795	12.27	13.59	15.99	30	Pass
NVNT	ac80	5775	10.97	11.14	14.07	30	Pass
NVNT	ax20	5745	14.94	14.47	17.72	30	Pass
NVNT	ax20	5785	15.96	15.14	18.58	30	Pass
NVNT	ax20	5825	13.84	13.45	16.66	30	Pass
NVNT	ax40	5755	14.04	12.14	16.20	30	Pass
NVNT	ax40	5795	14.15	12.62	16.46	30	Pass
NVNT	ax80	5775	11.8	11.38	14.61	30	Pass

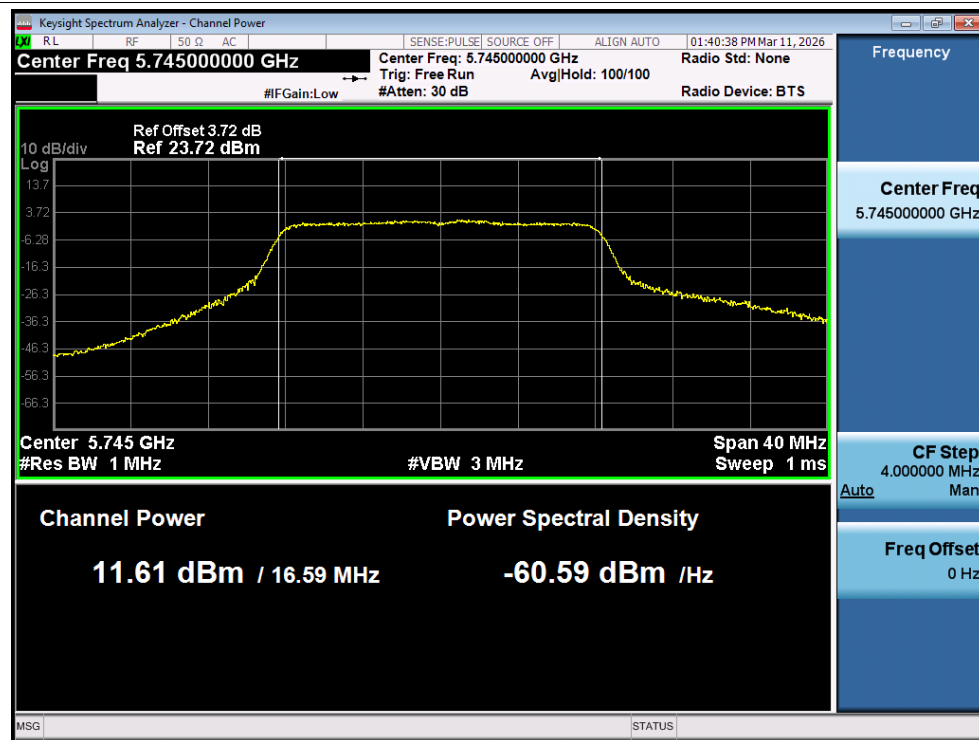
Note:

Antenna A gain: 0.9 dBi, Antenna B gain: 0.9dBi

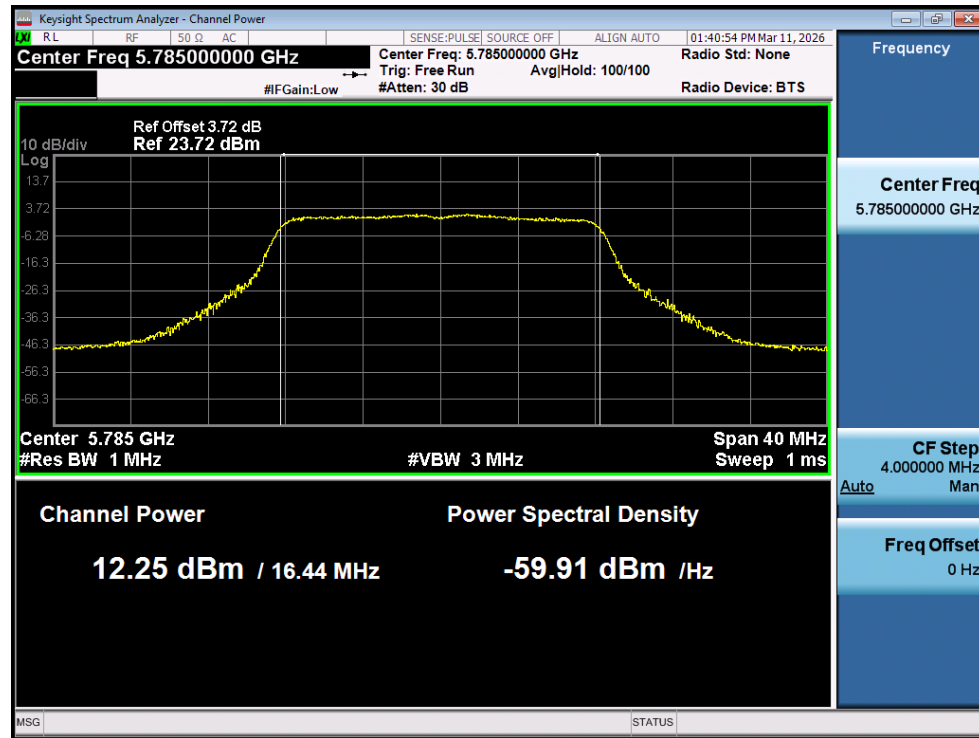
Directional gain=[GainANT + 10 log(NANT) dBi] =3.91 dBi<6dBi

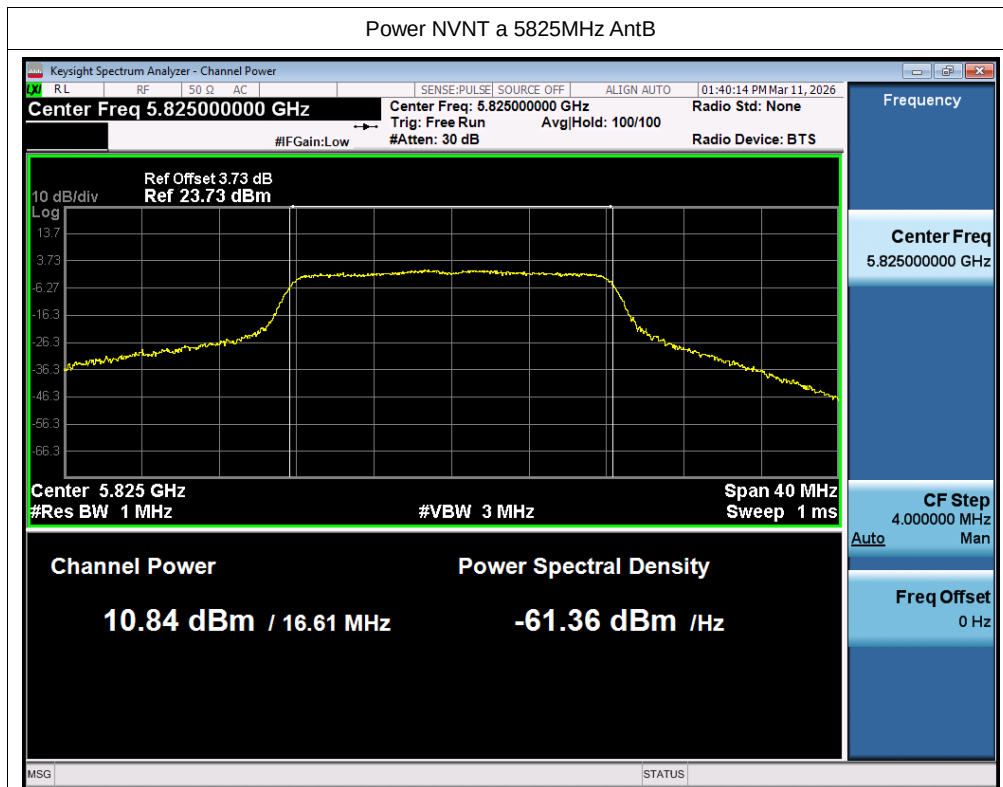
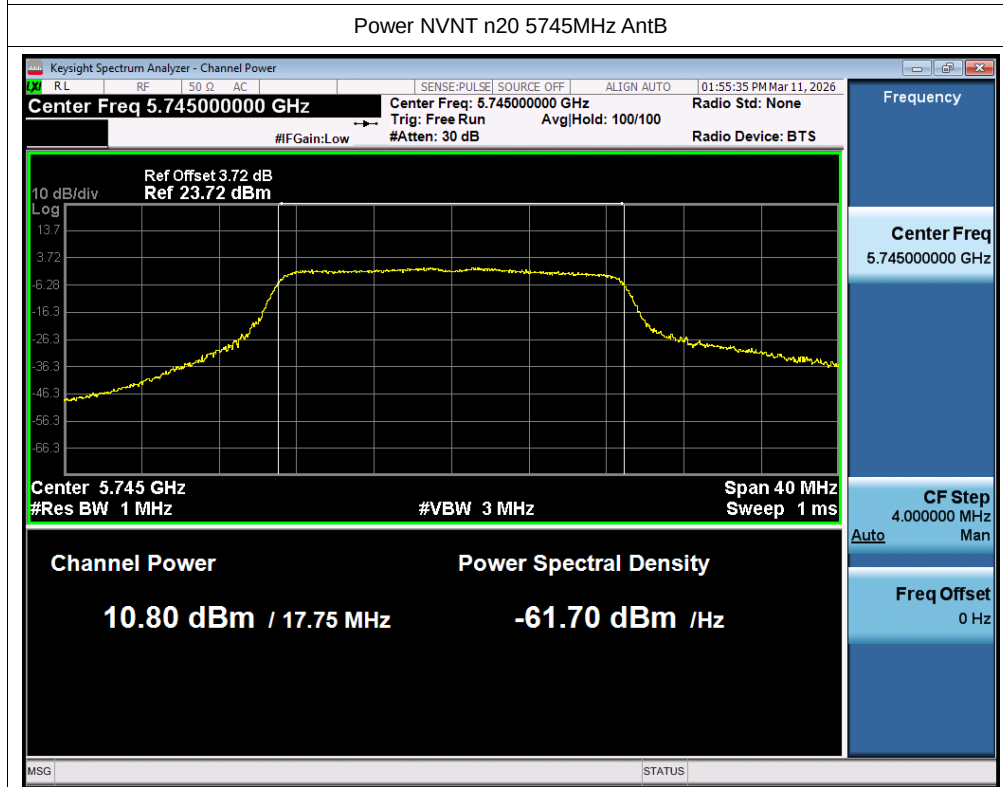
Test Graphs

Power NVNT a 5745MHz AntB

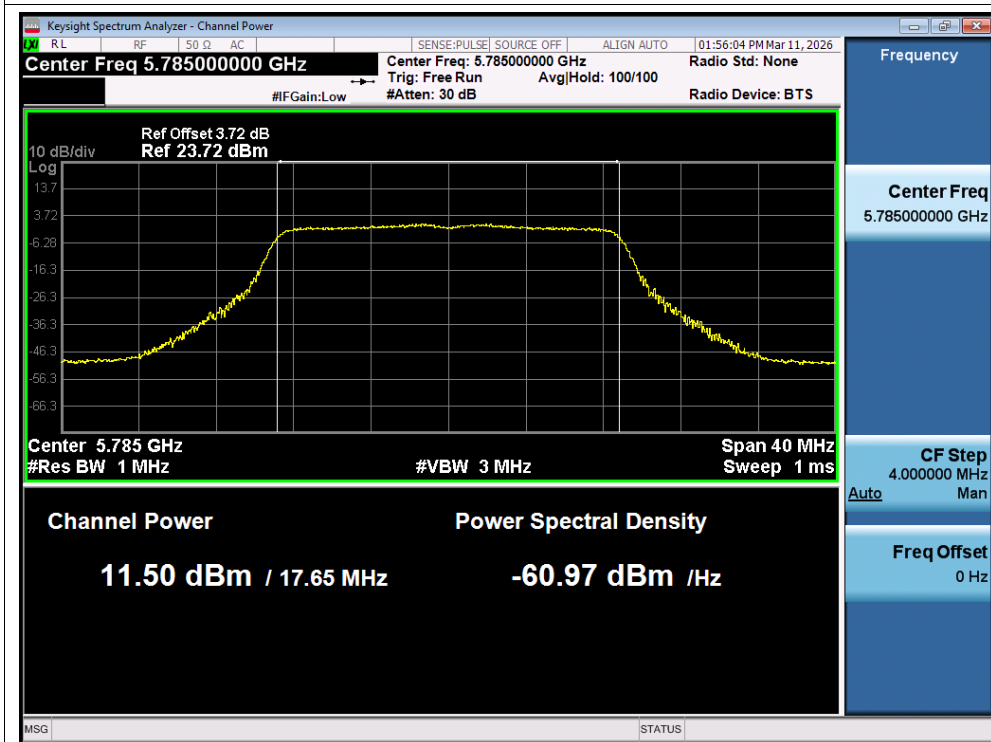


Power NVNT a 5785MHz AntB

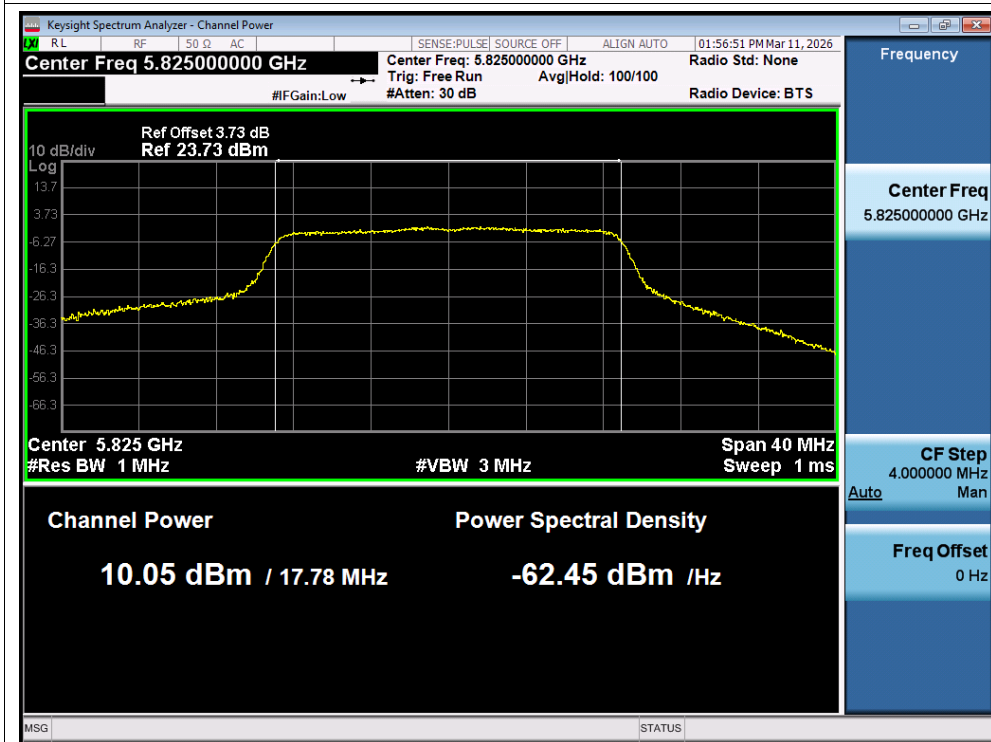




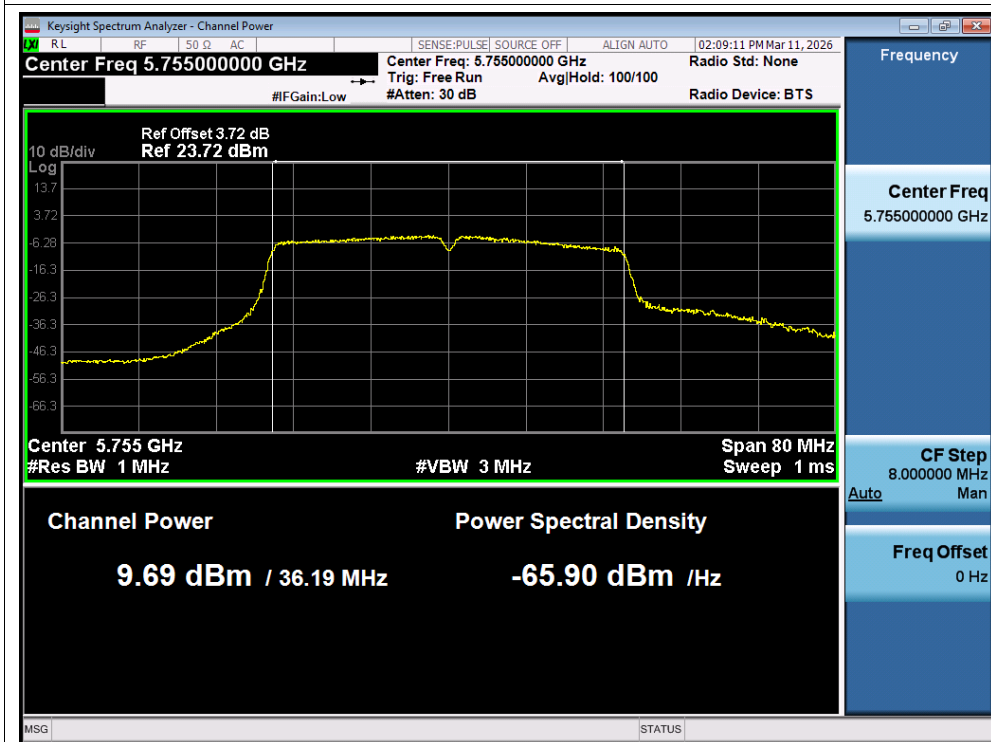
Power NVNT n20 5785MHz AntB



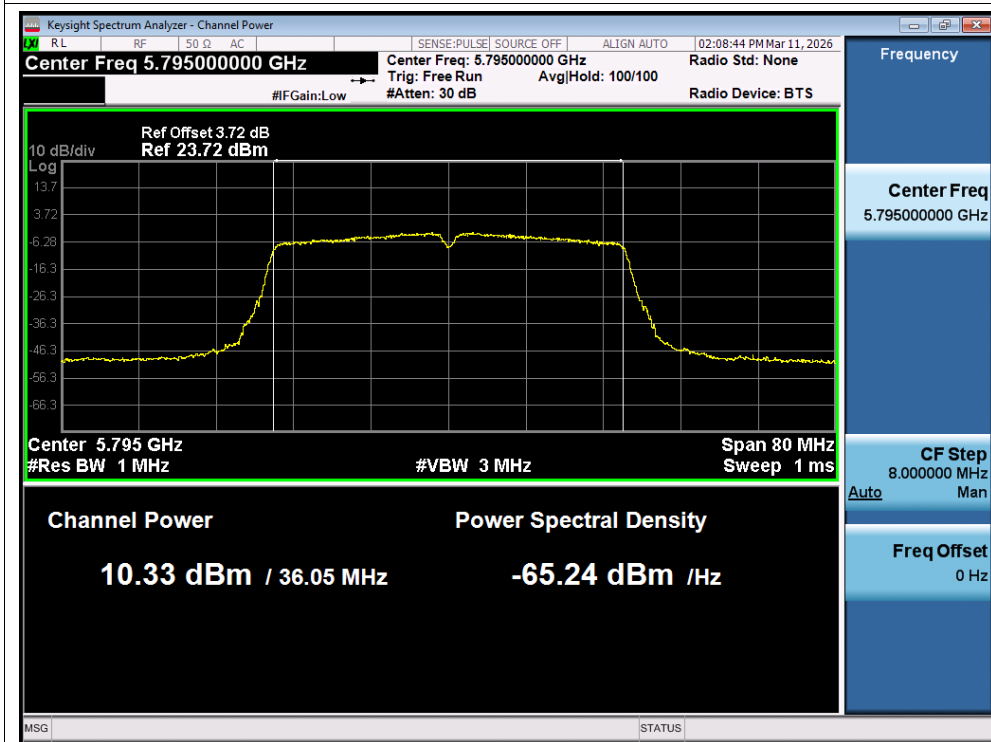
Power NVNT n20 5825MHz AntB



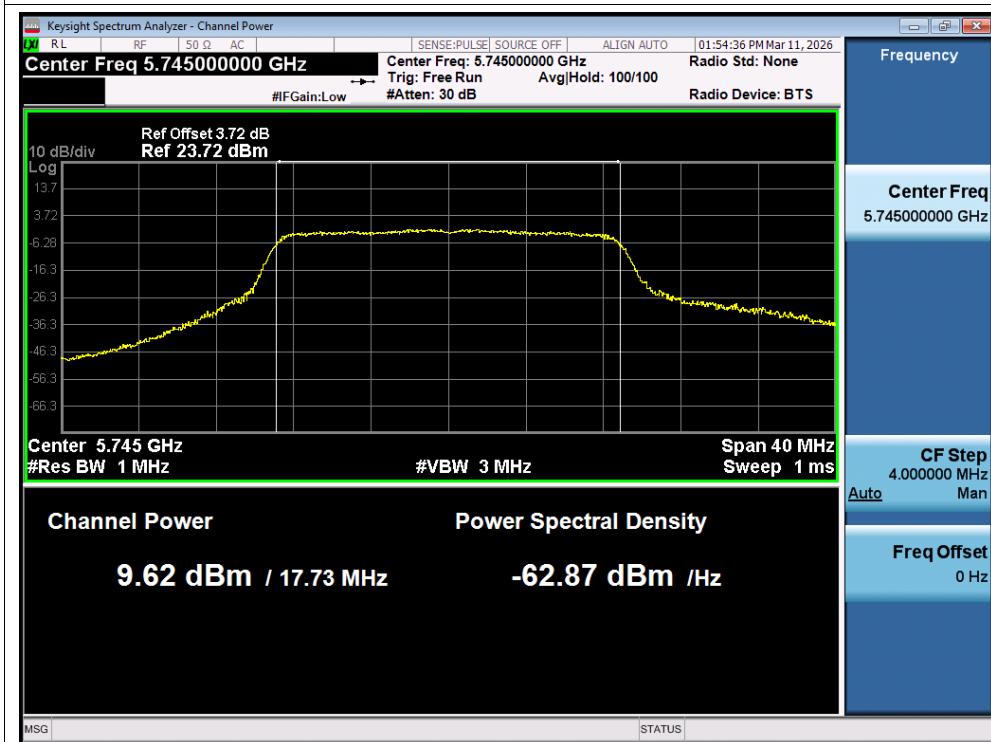
Power NVNT n40 5755MHz AntB



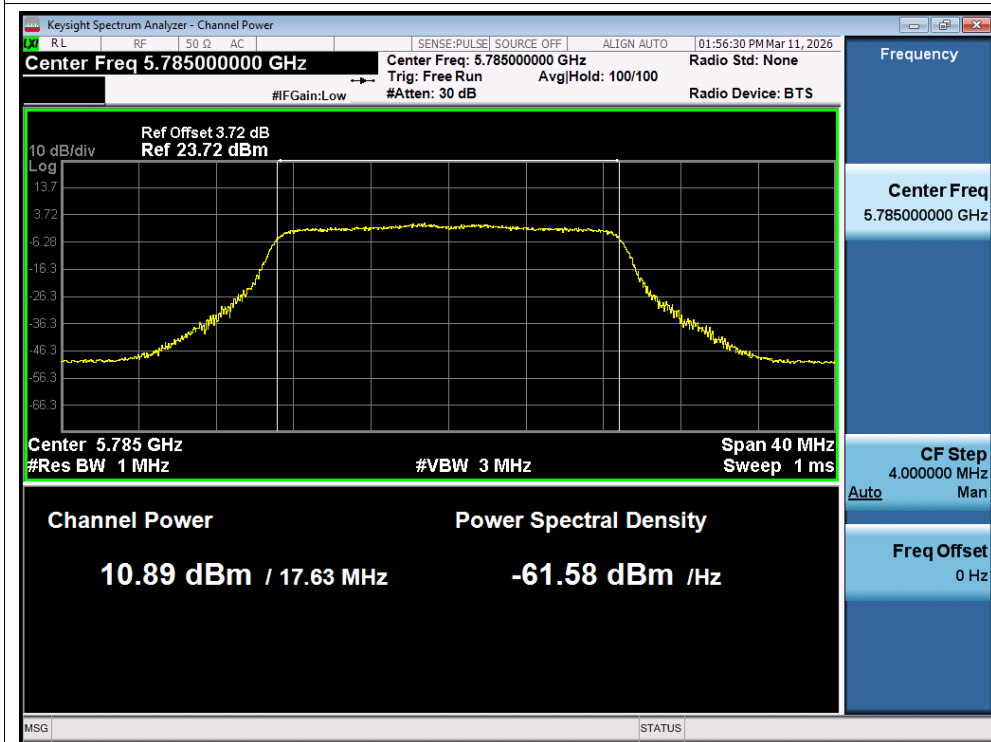
Power NVNT n40 5795MHz AntB

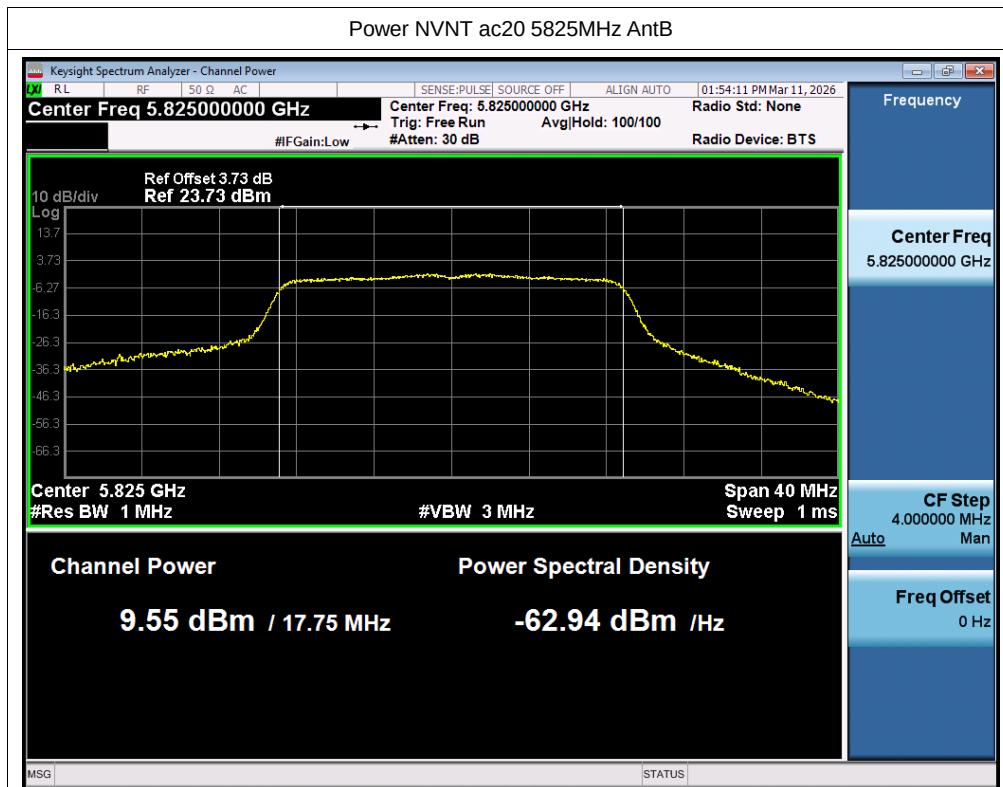
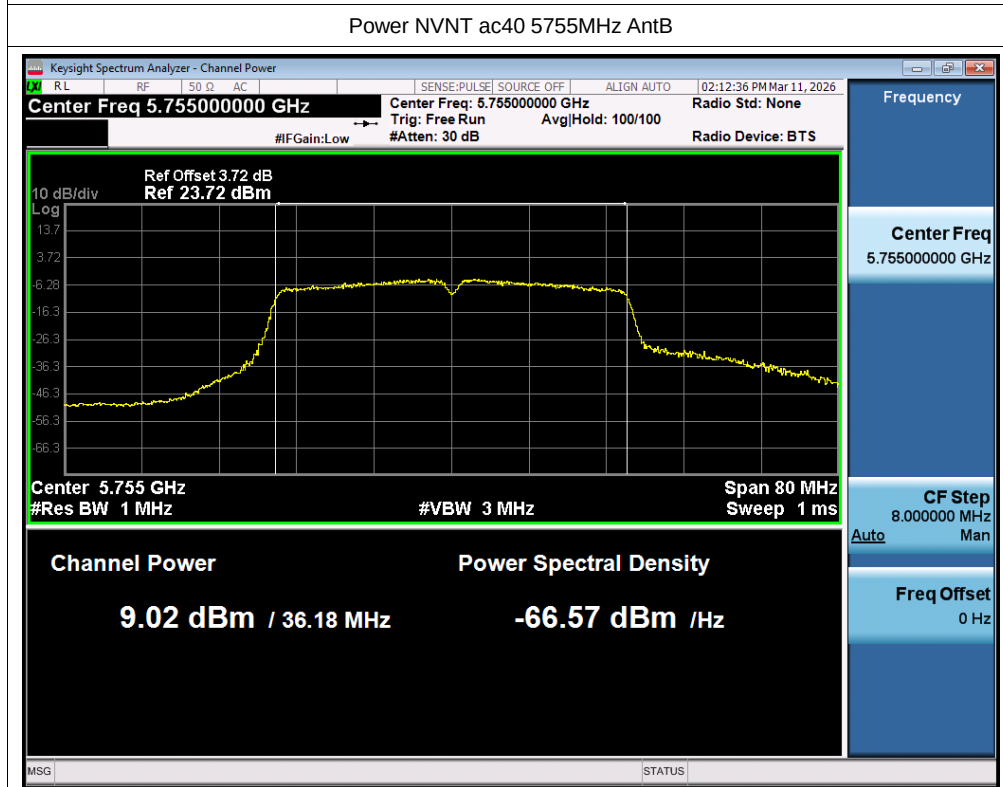


Power NVNT ac20 5745MHz AntB

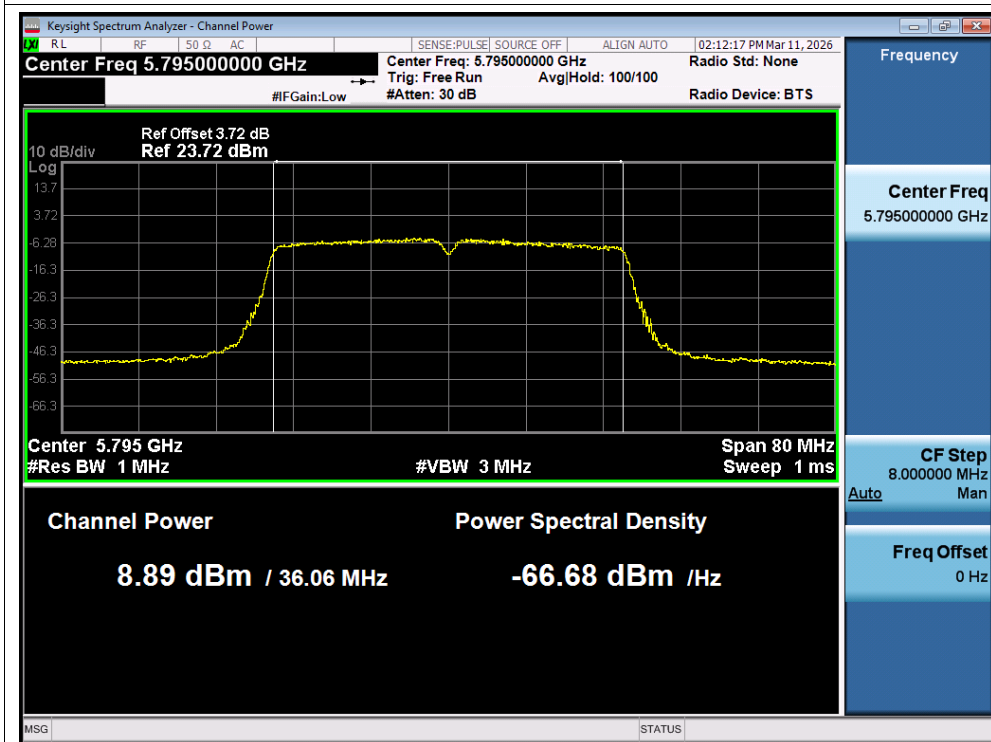


Power NVNT ac20 5785MHz AntB

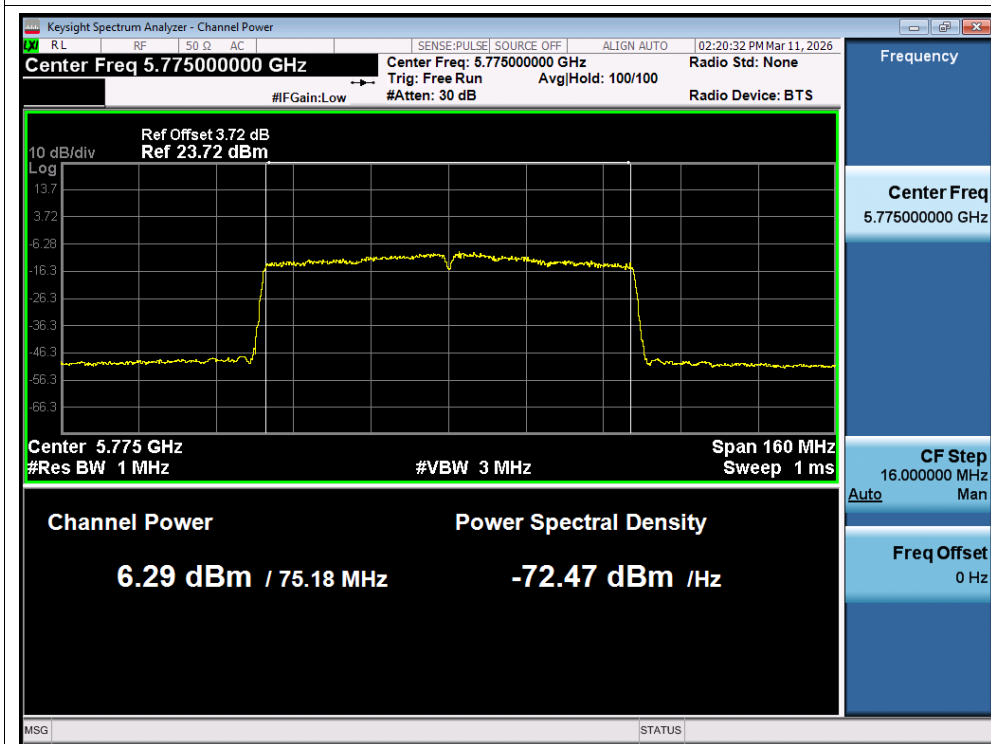




Power NVNT ac40 5795MHz AntB



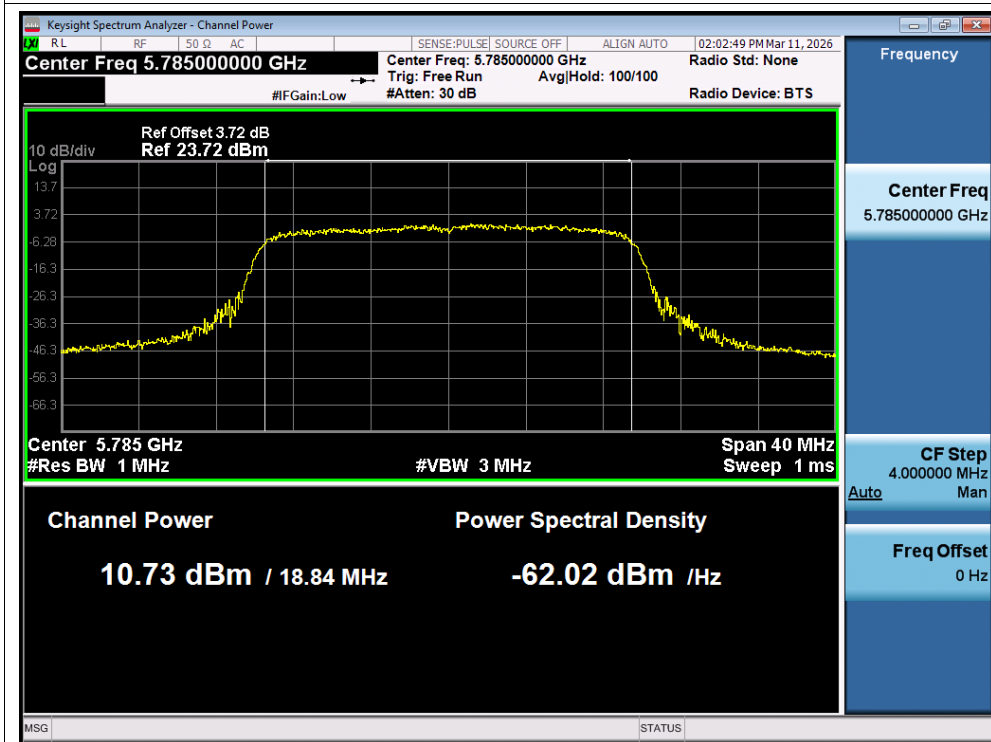
Power NVNT ac80 5775MHz AntB



Power NVNT ax20 5745MHz AntB



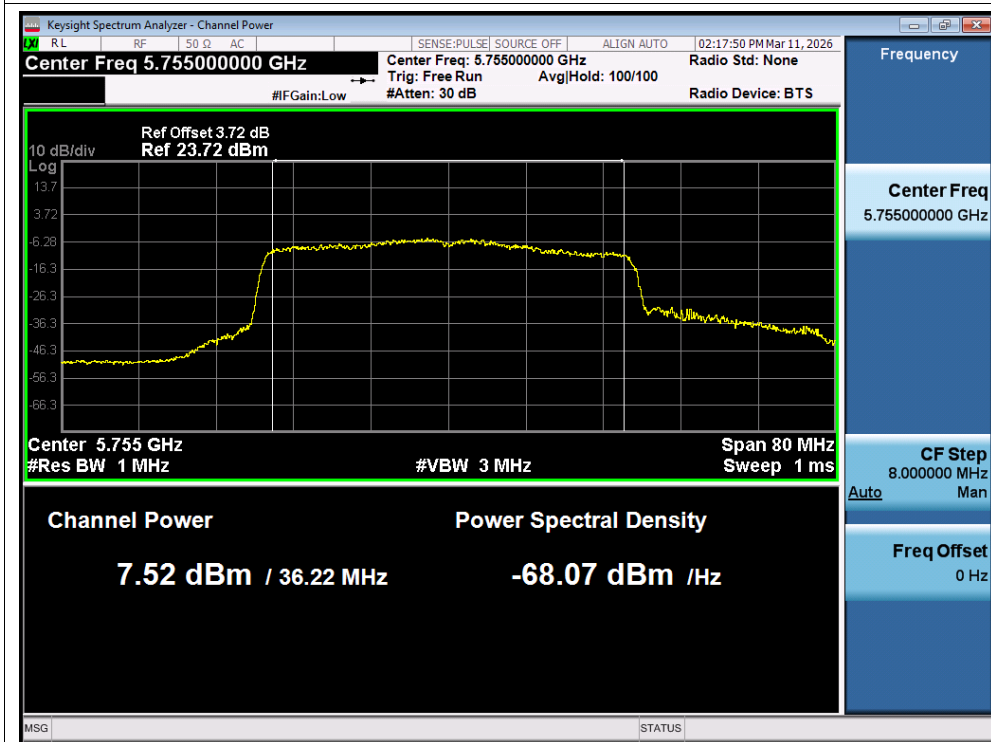
Power NVNT ax20 5785MHz AntB



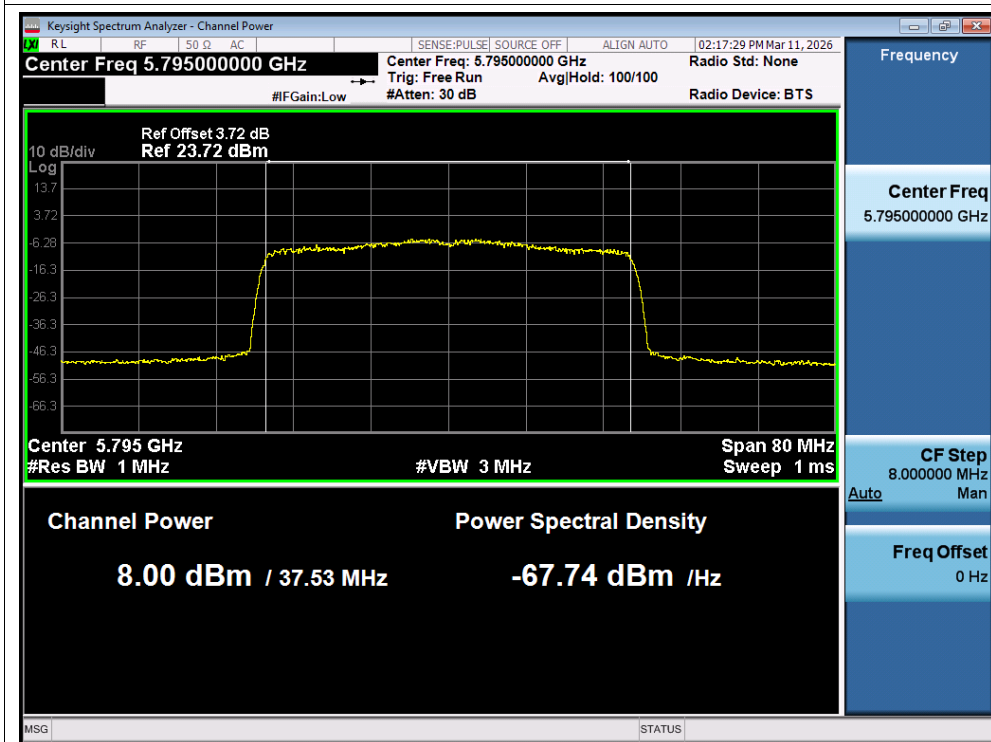
Power NVNT ax20 5825MHz AntB



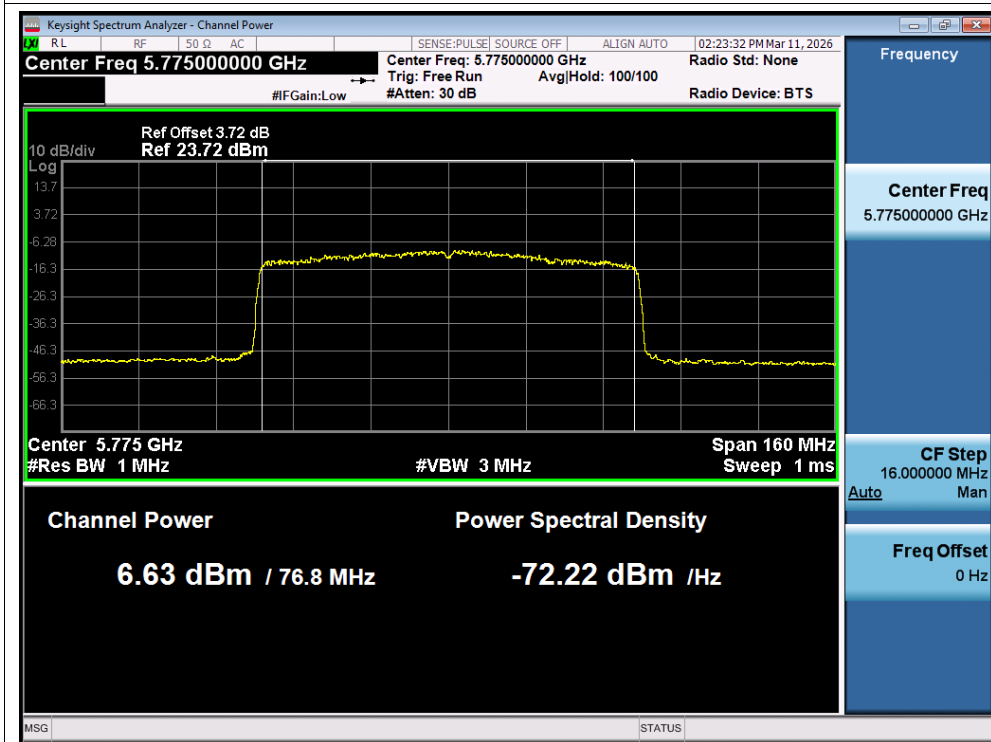
Power NVNT ax40 5755MHz AntB



Power NVNT ax40 5795MHz AntB



Power NVNT ax80 5775MHz AntB



-6dB Bandwidth

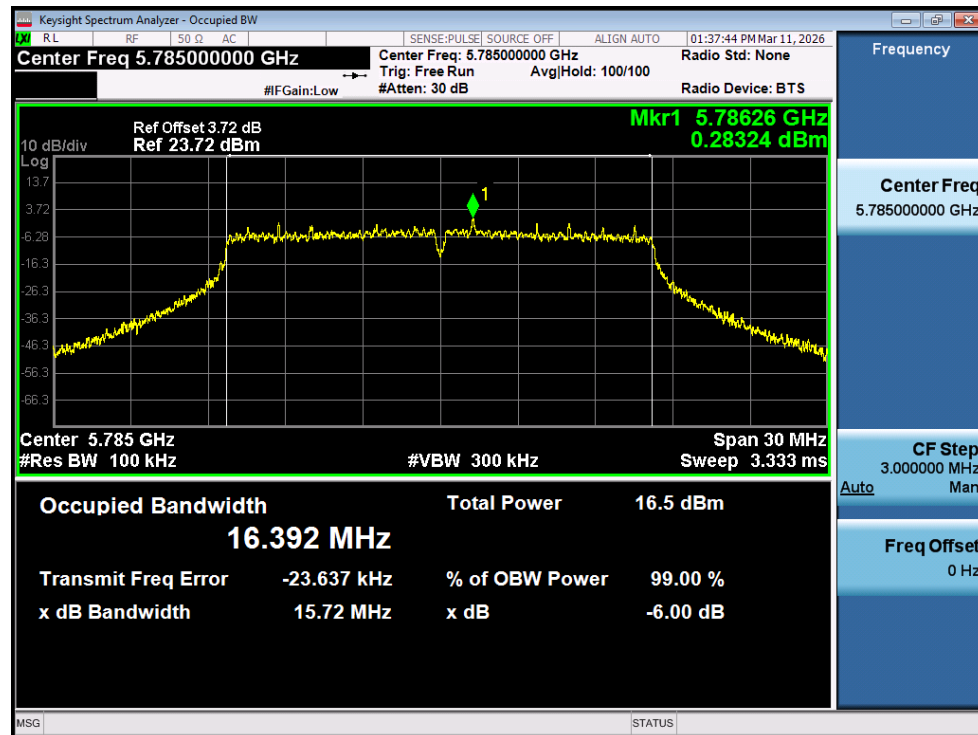
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	AntB	16.304	0.5	Pass
		5785		15.724	0.5	Pass
		5825		16.324	0.5	Pass
	n20	5745		17.532	0.5	Pass
		5785		17.131	0.5	Pass
		5825		16.319	0.5	Pass
	n40	5755		32.448	0.5	Pass
		5795		33.774	0.5	Pass
	ac20	5745		17.55	0.5	Pass
		5785		16.582	0.5	Pass
		5825		17.543	0.5	Pass
	ac40	5755		35.086	0.5	Pass
		5795		35.048	0.5	Pass
	ac80	5775		75.094	0.5	Pass
	ax20	5745		18.611	0.5	Pass
		5785		18.102	0.5	Pass
		5825		17.995	0.5	Pass
	ax40	5755		35.687	0.5	Pass
		5795		35.094	0.5	Pass
	ax80	5775		75.085	0.5	Pass

Test Graphs

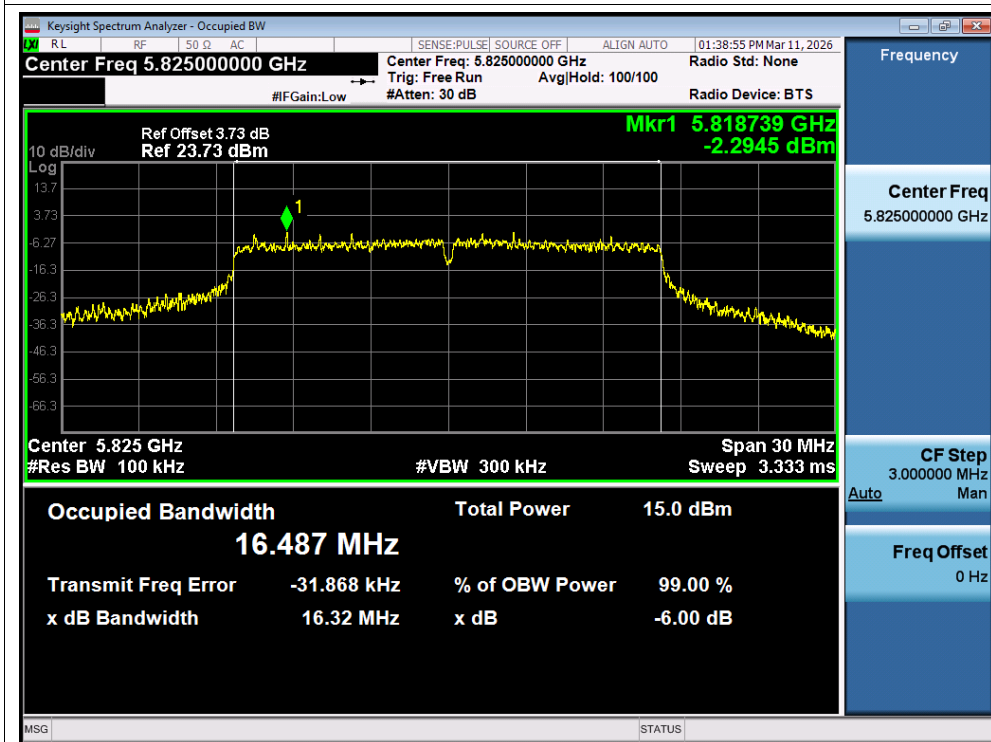
-6dB Bandwidth NVNT a 5745MHz AntB



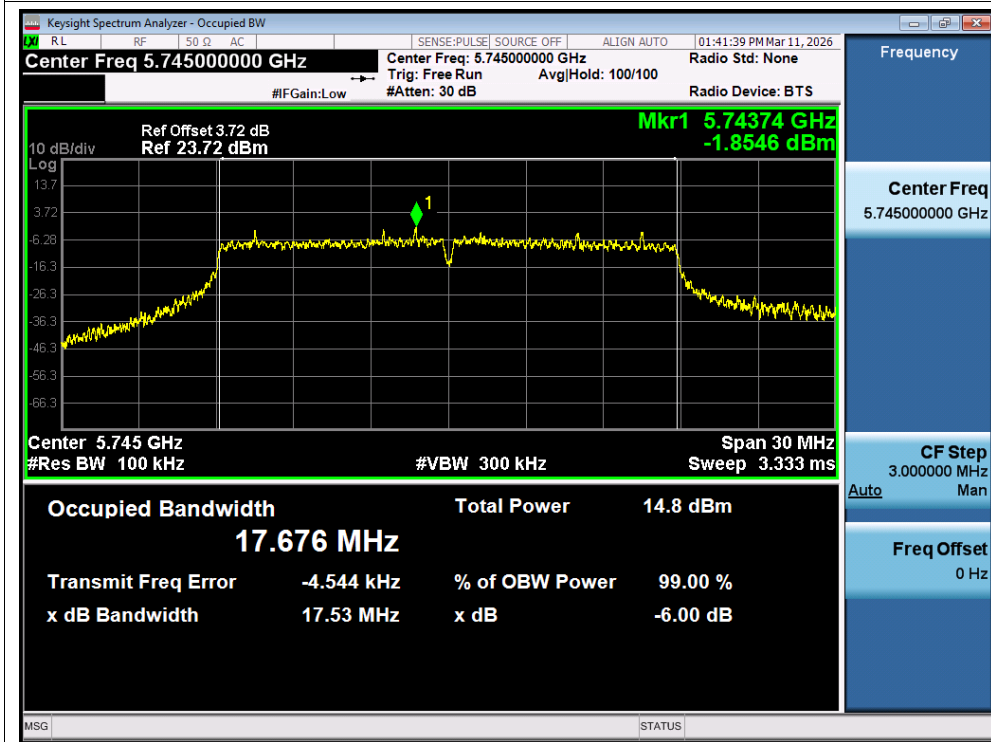
-6dB Bandwidth NVNT a 5785MHz AntB



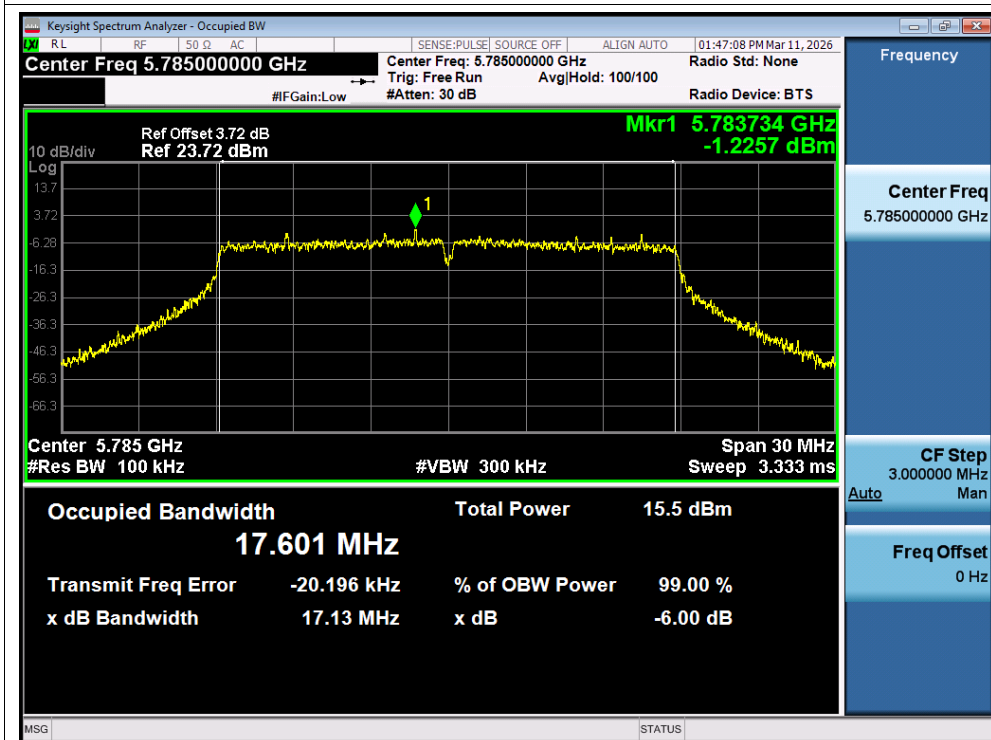
-6dB Bandwidth NVNT a 5825MHz AntB



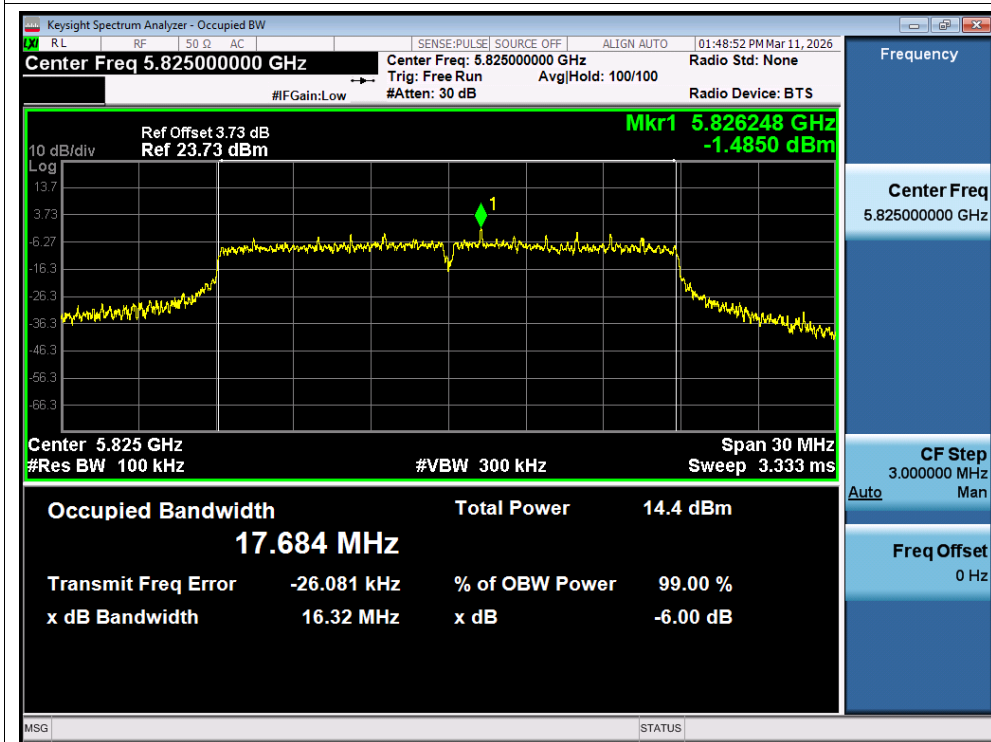
-6dB Bandwidth NVNT n20 5745MHz AntB



-6dB Bandwidth NVNT n20 5785MHz AntB



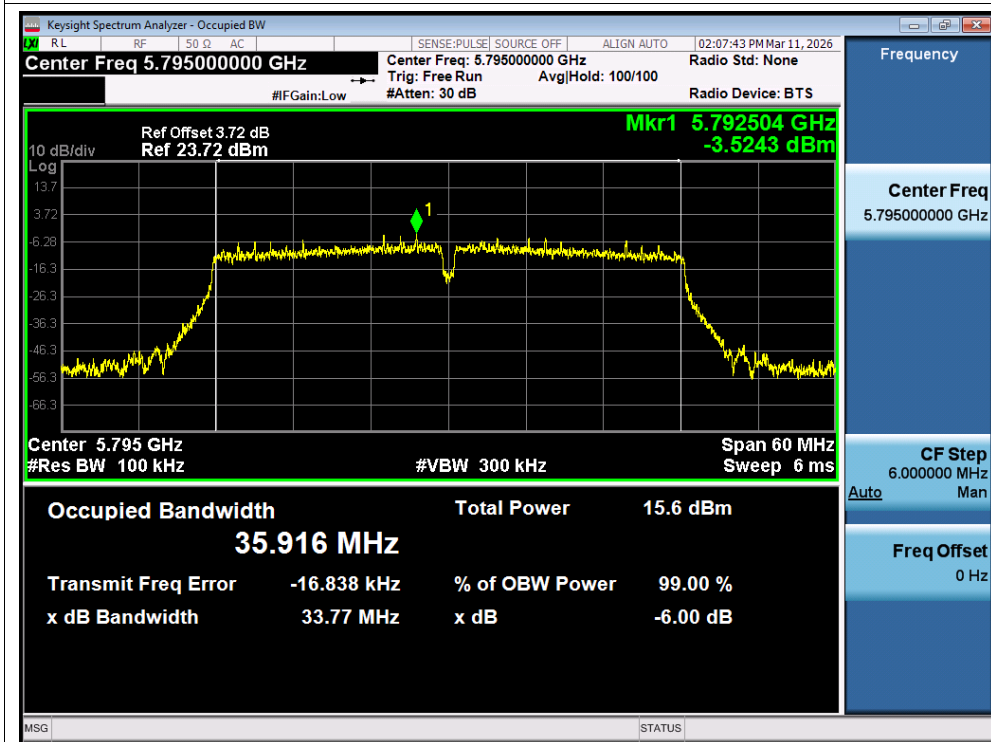
-6dB Bandwidth NVNT n20 5825MHz AntB



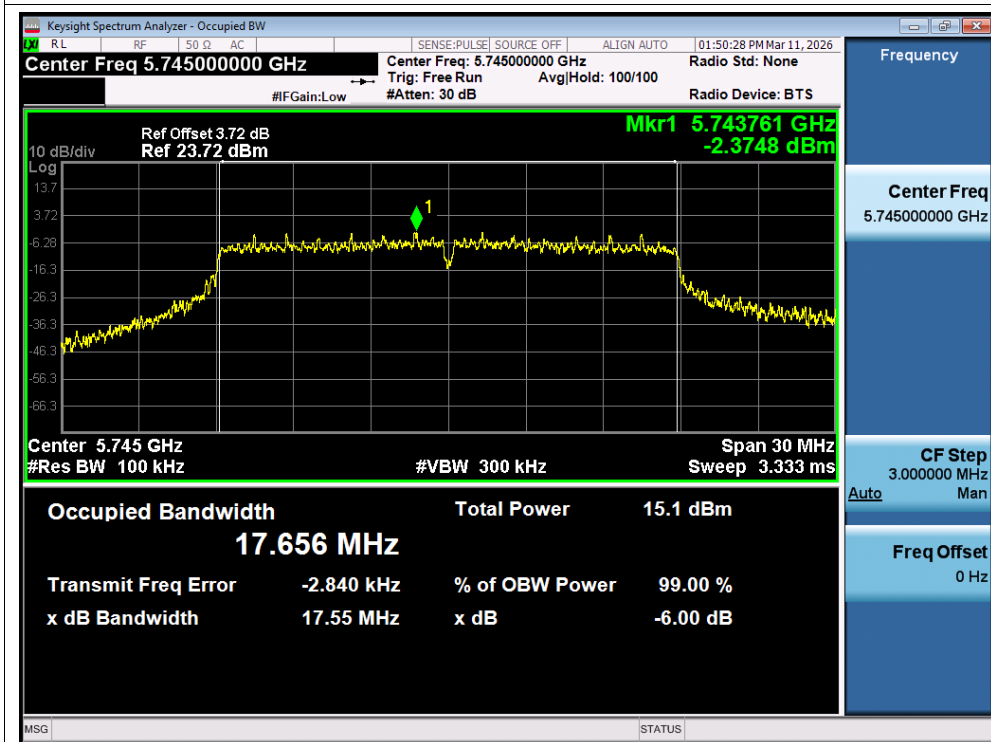
-6dB Bandwidth NVNT n40 5755MHz AntB



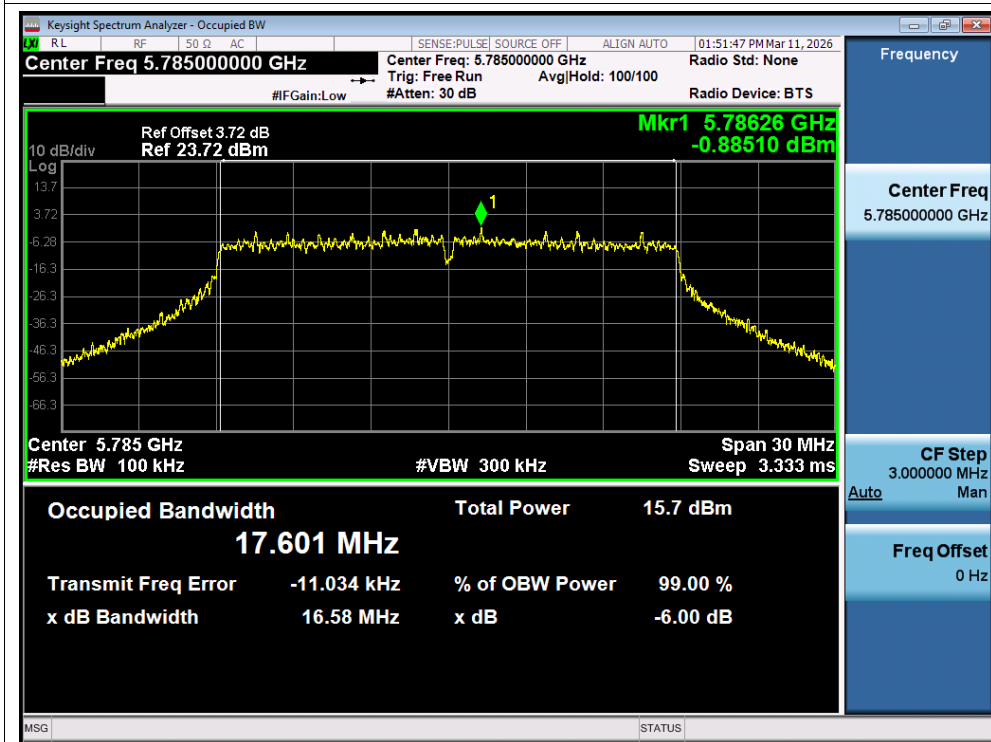
-6dB Bandwidth NVNT n40 5795MHz AntB



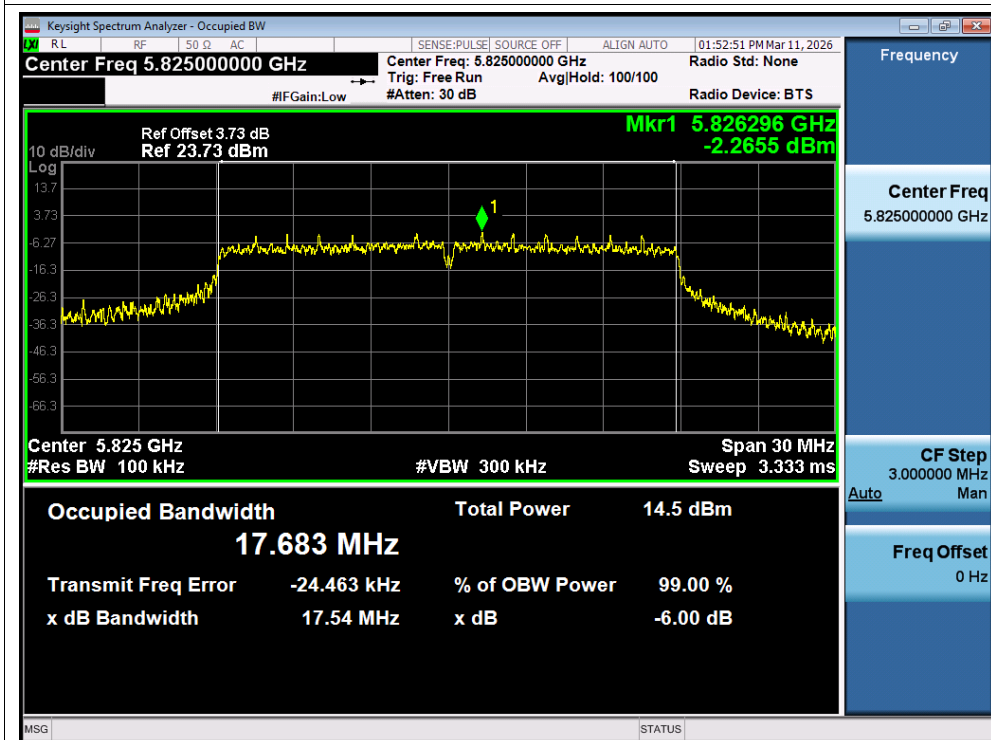
-6dB Bandwidth NVNT ac20 5745MHz AntB



-6dB Bandwidth NVNT ac20 5785MHz AntB



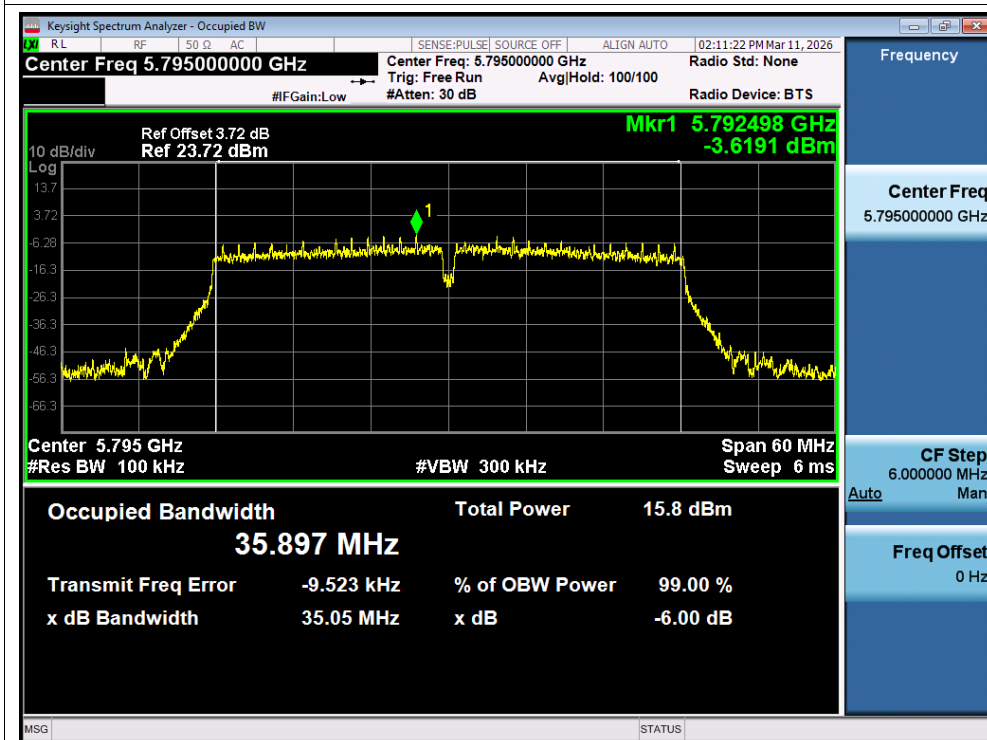
-6dB Bandwidth NVNT ac20 5825MHz AntB



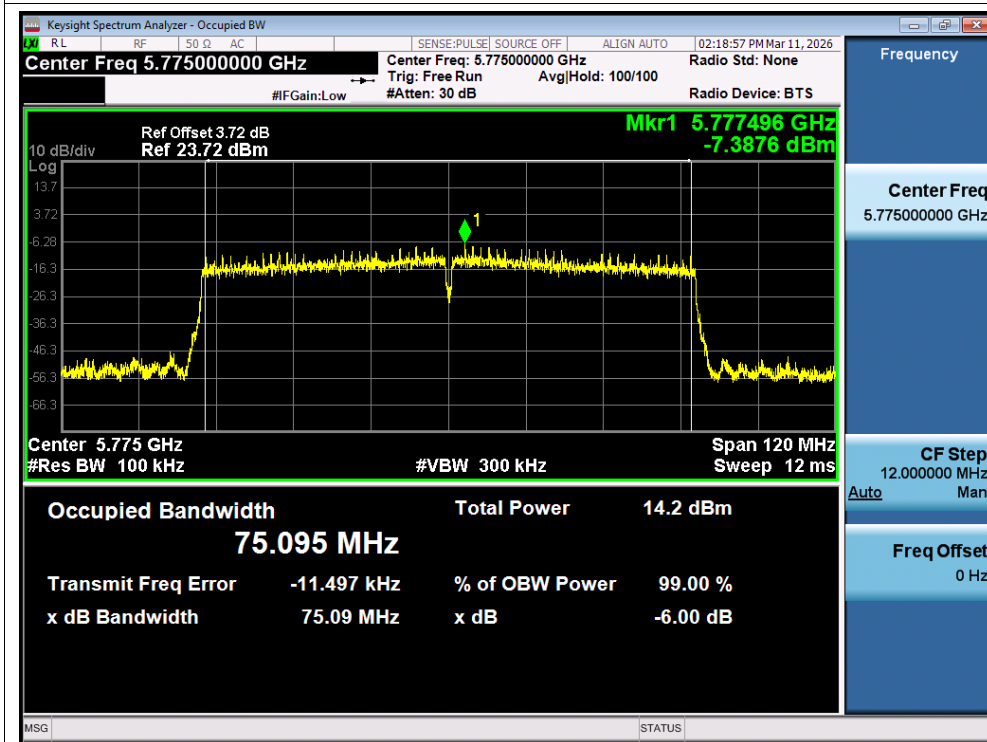
-6dB Bandwidth NVNT ac40 5755MHz AntB



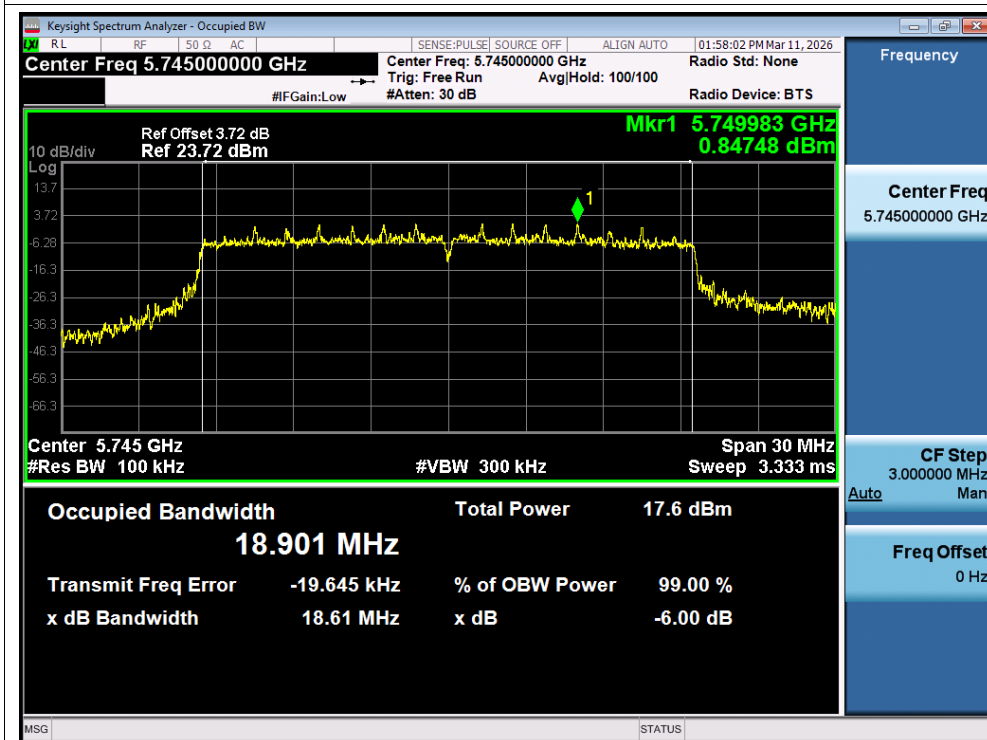
-6dB Bandwidth NVNT ac40 5795MHz AntB



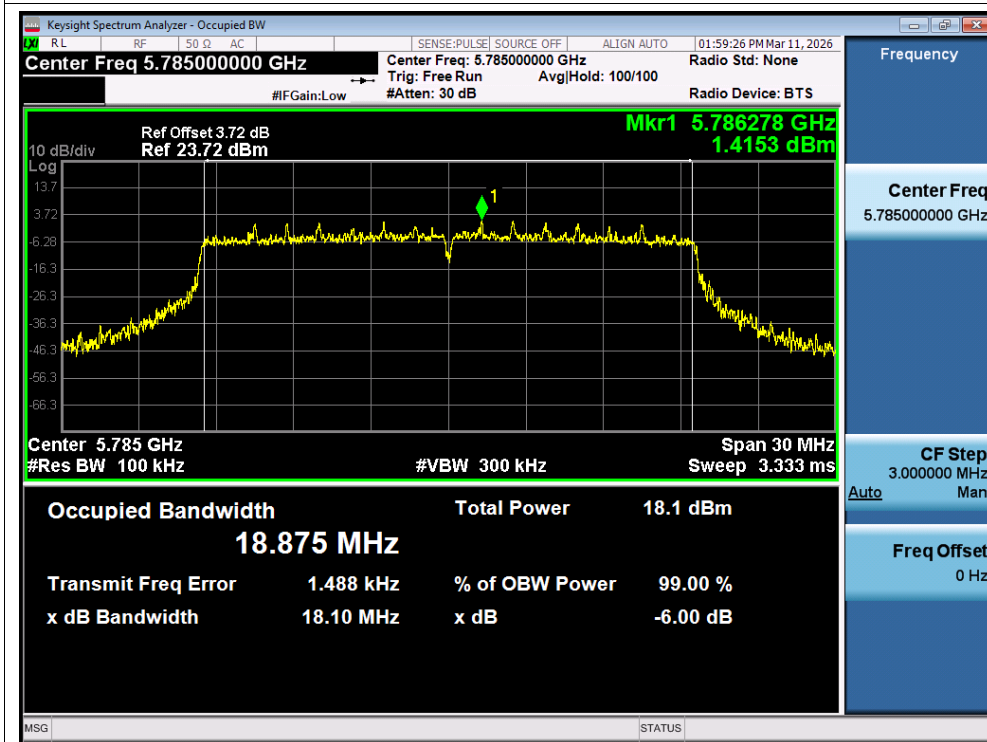
-6dB Bandwidth NVNT ac80 5775MHz AntB



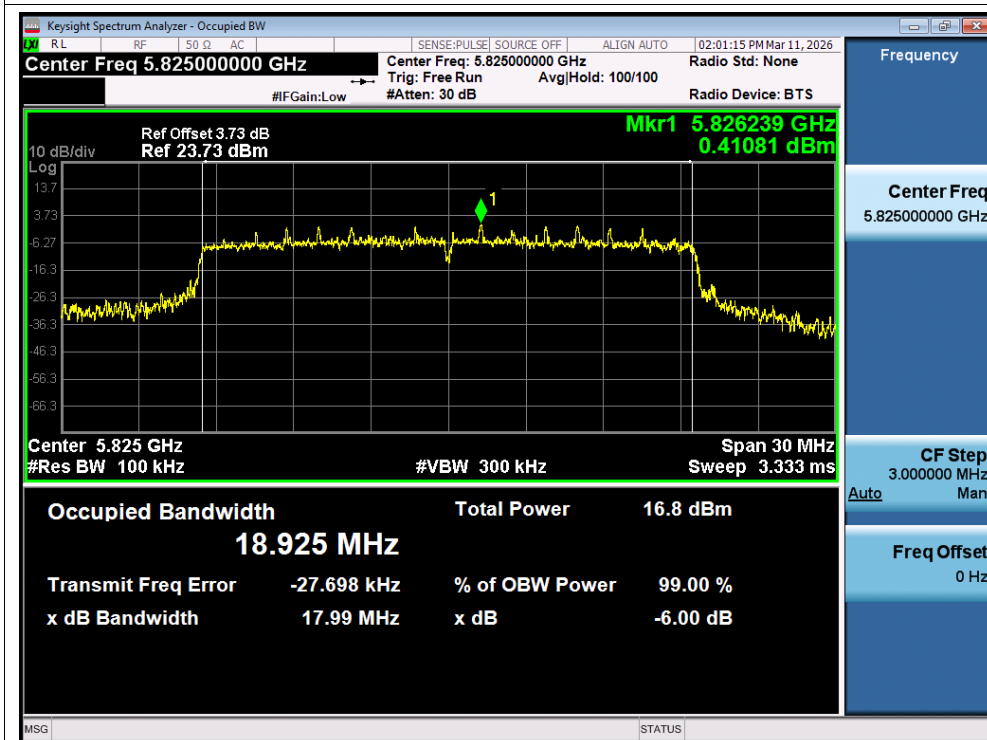
-6dB Bandwidth NVNT ax20 5745MHz AntB



-6dB Bandwidth NVNT ax20 5785MHz AntB



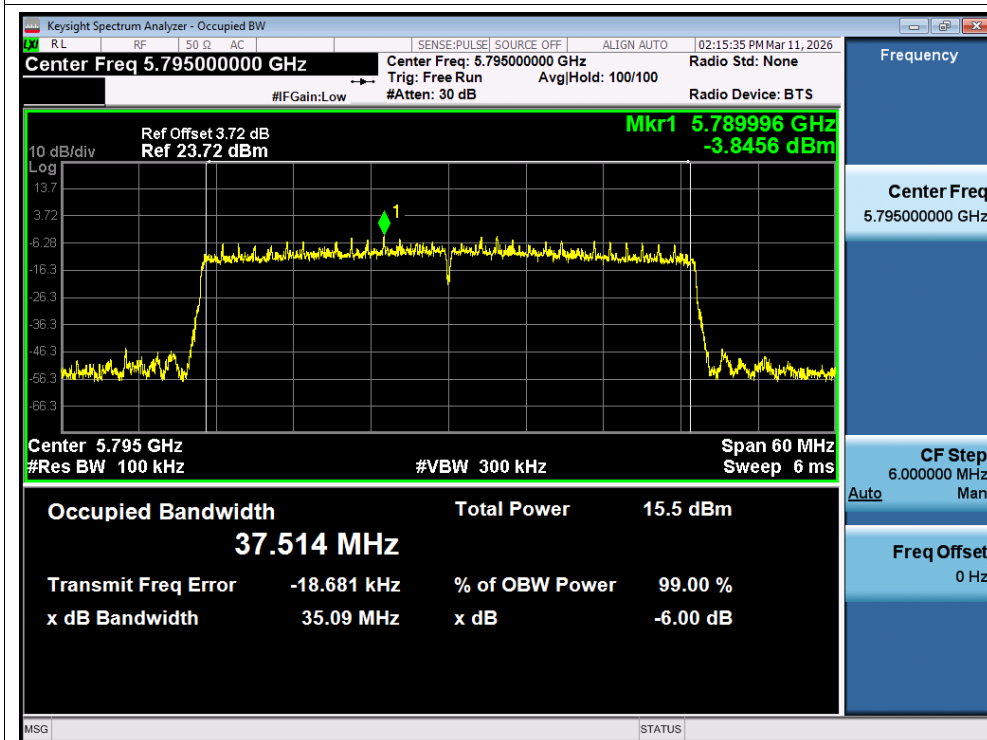
-6dB Bandwidth NVNT ax20 5825MHz AntB



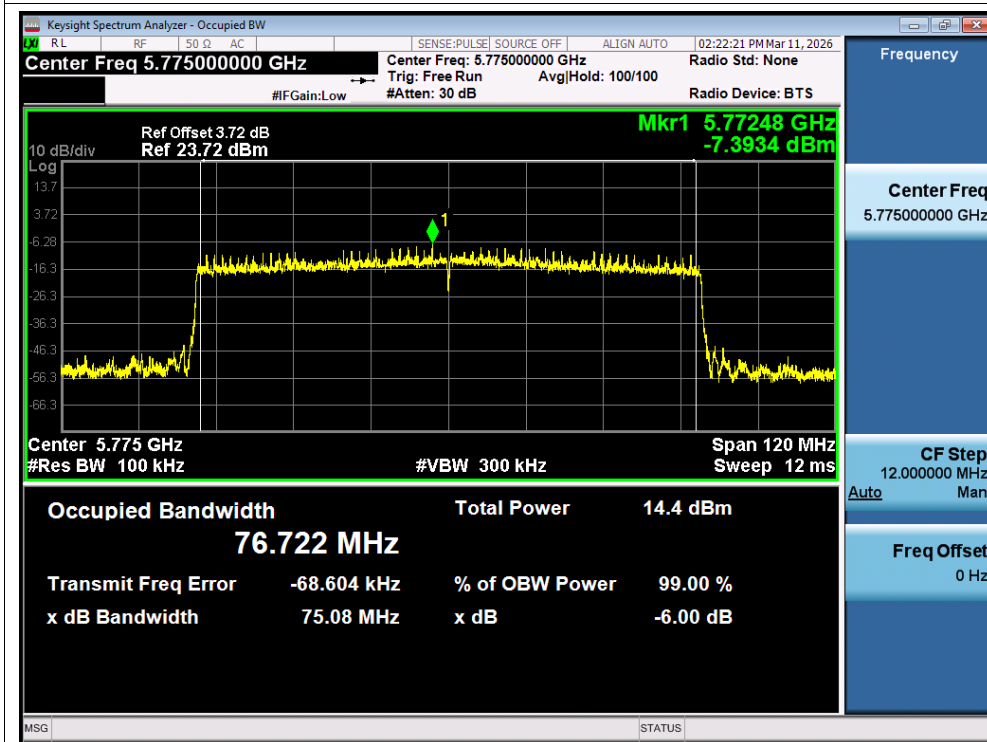
-6dB Bandwidth NVNT ax40 5755MHz AntB



-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	16.586
		5785		16.443
		5825		16.61
	n20	5745		17.754
		5785		17.65
		5825		17.78
	n40	5755		36.188
		5795		36.051
	ac20	5745		17.73
		5785		17.634
		5825		17.745
	ac40	5755		36.175
		5795		36.056
	ac80	5775		75.177
	ax20	5745		18.951
		5785		18.844
		5825		18.955
	ax40	5755		36.221
		5795		37.53
	ax80	5775		76.801

Test Graphs

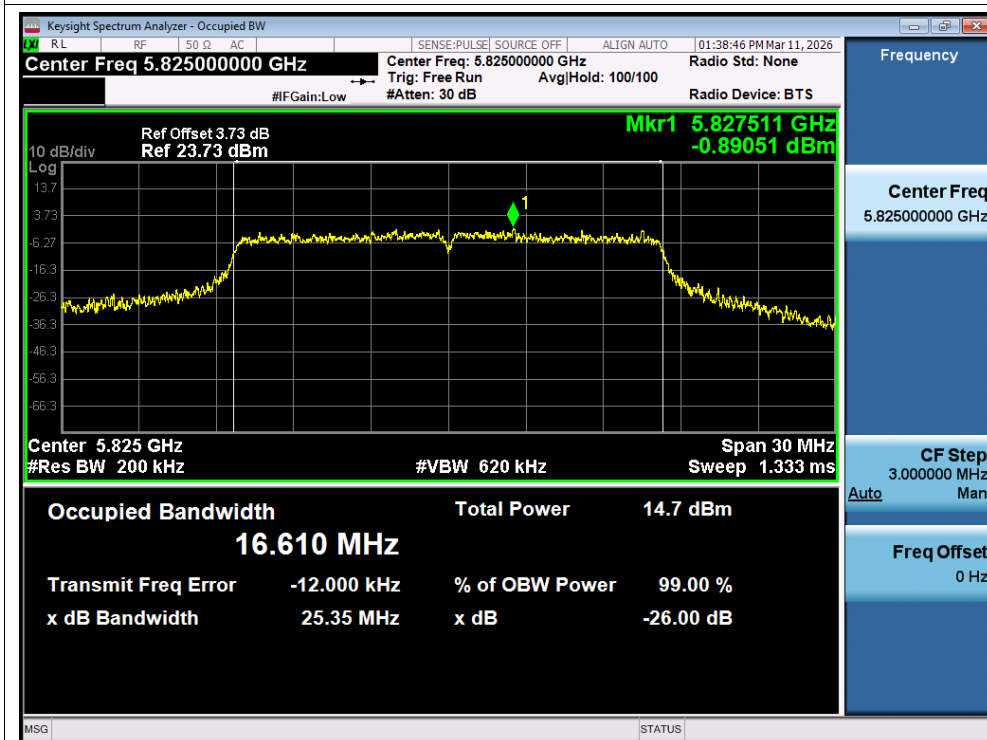
OBW NVNT a 5745MHz AntB



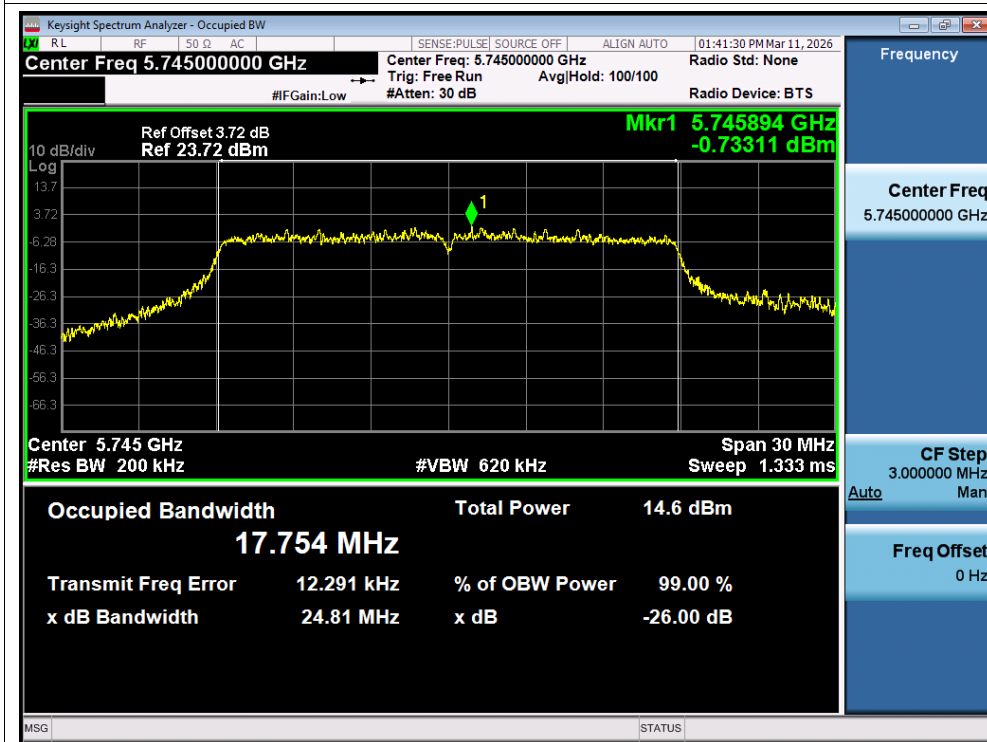
OBW NVNT a 5785MHz AntB



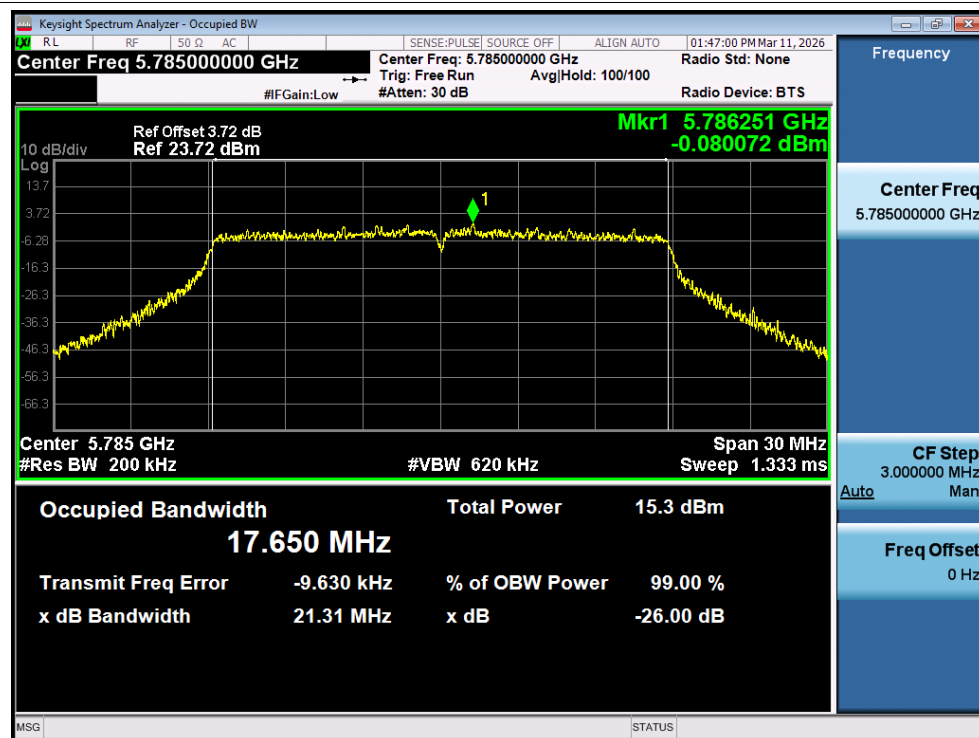
OBW NVNT a 5825MHz AntB



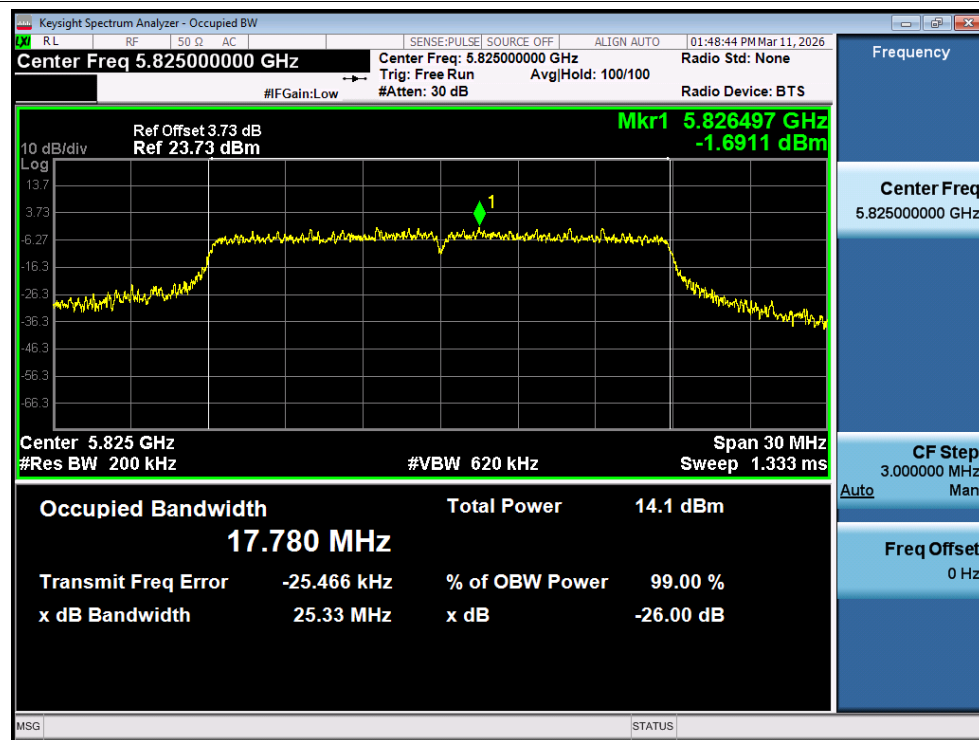
OBW NVNT n20 5745MHz AntB



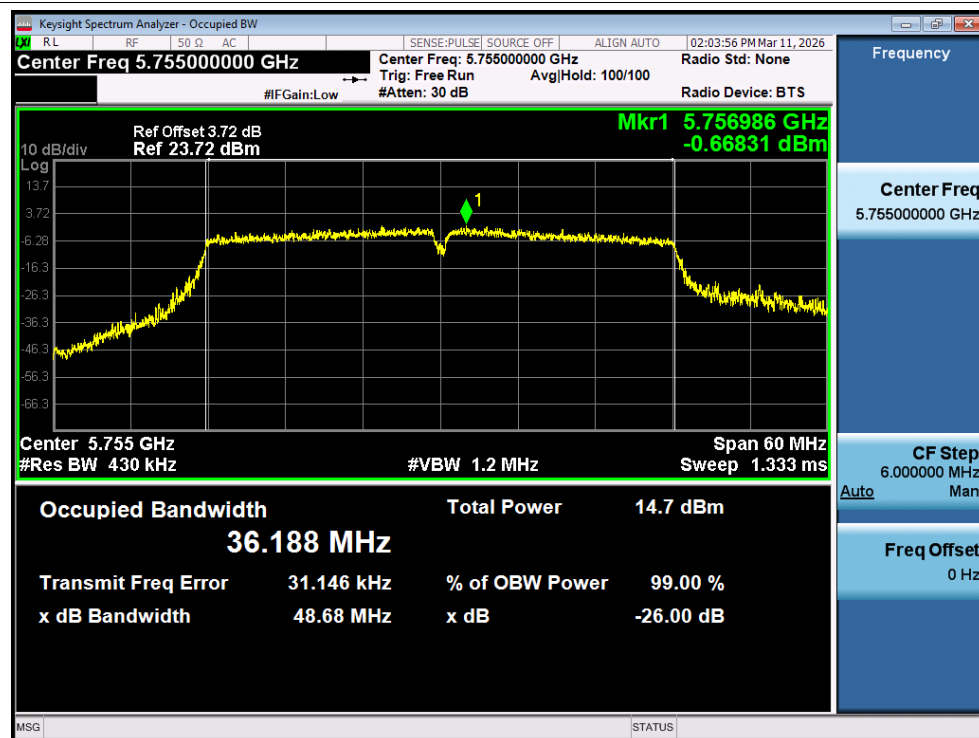
OBW NVNT n20 5785MHz AntB



OBW NVNT n20 5825MHz AntB



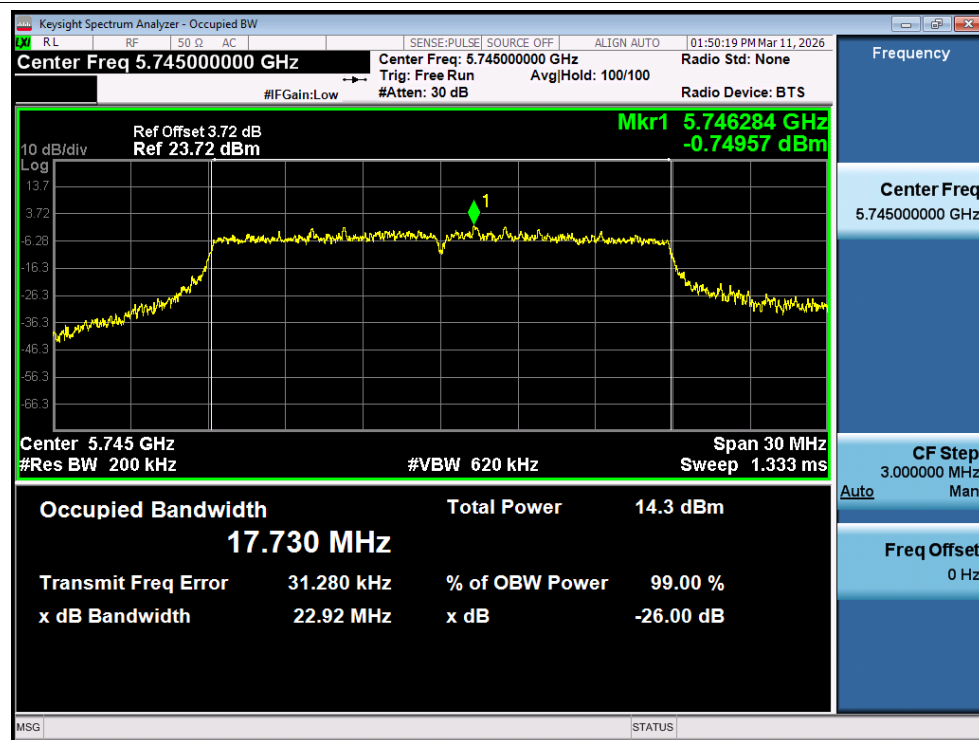
OBW NVNT n40 5755MHz AntB



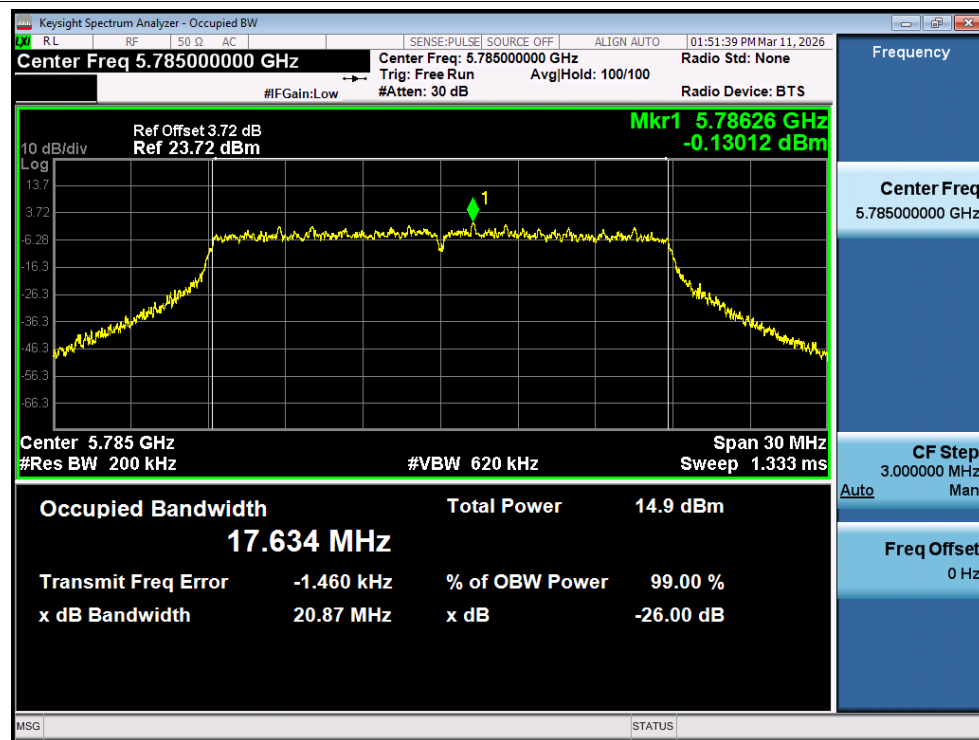
OBW NVNT n40 5795MHz AntB



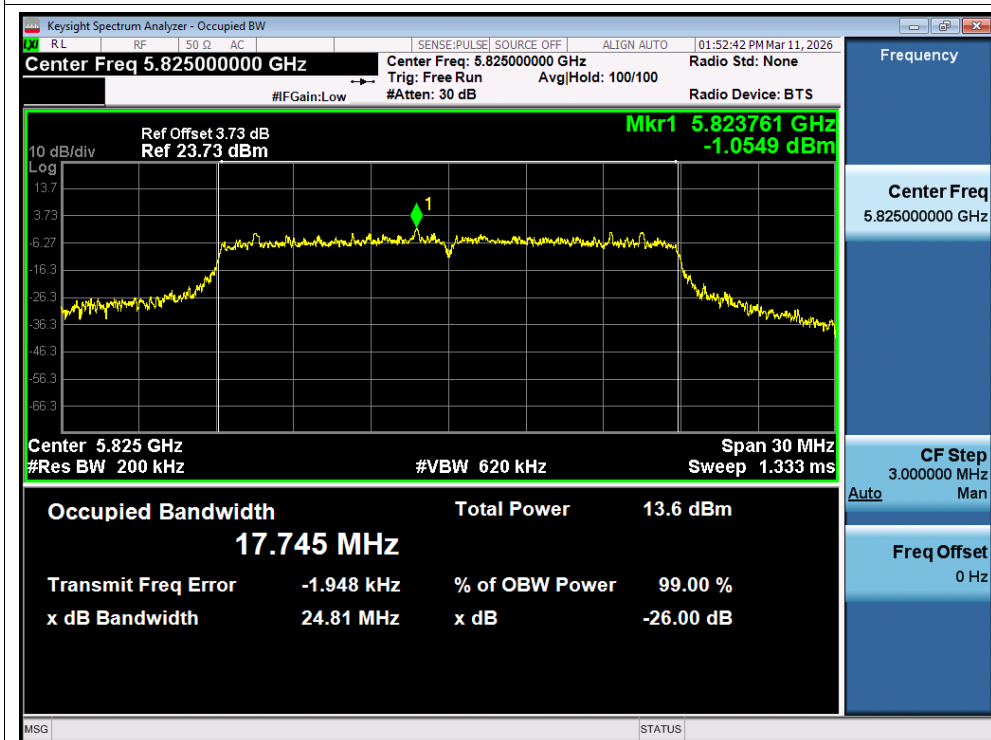
OBW NVNT ac20 5745MHz AntB



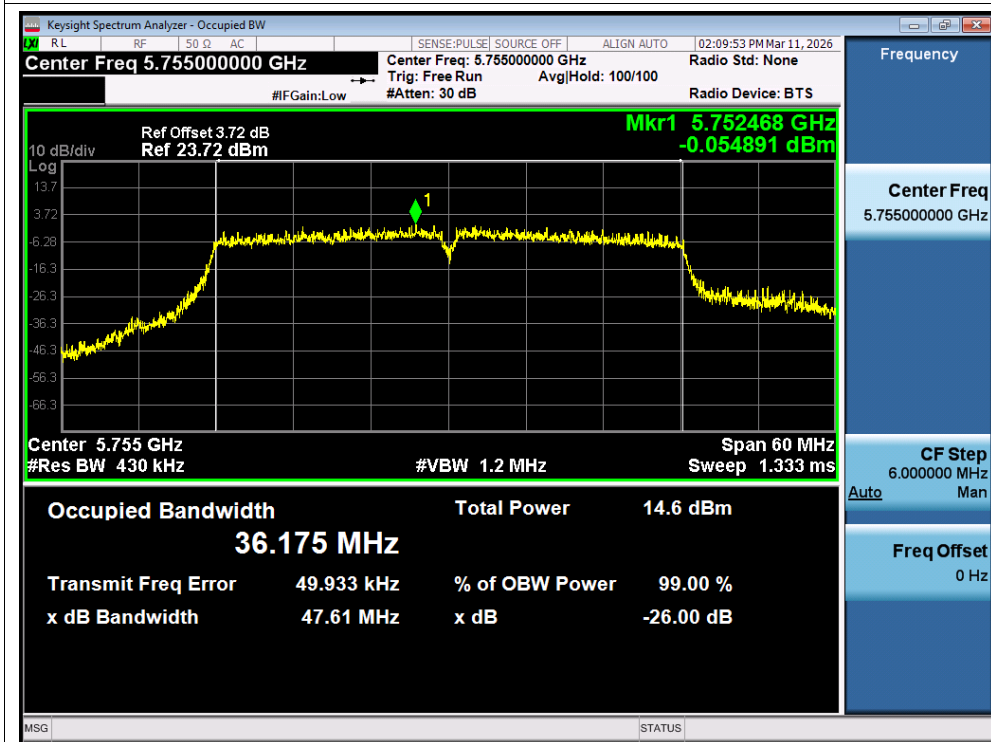
OBW NVNT ac20 5785MHz AntB



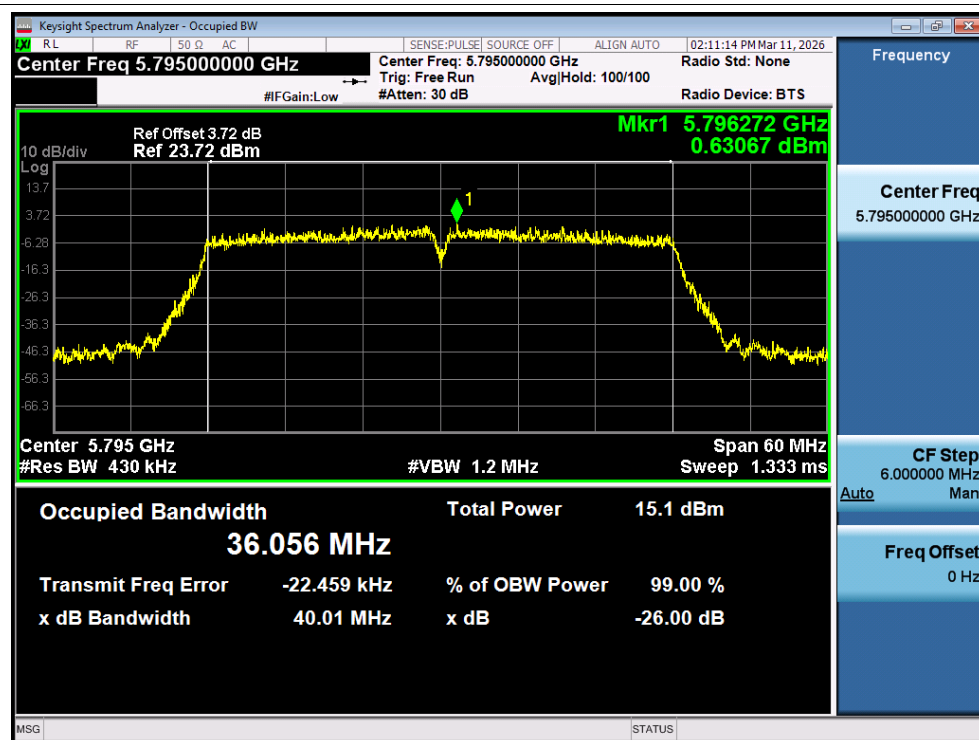
OBW NVNT ac20 5825MHz AntB



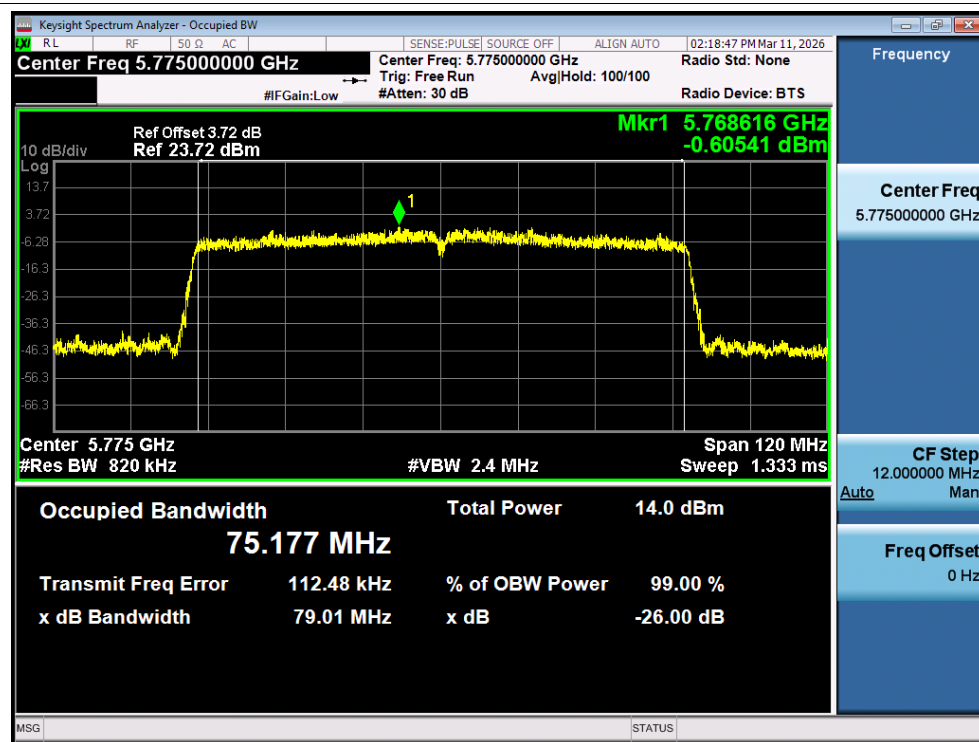
OBW NVNT ac40 5755MHz AntB



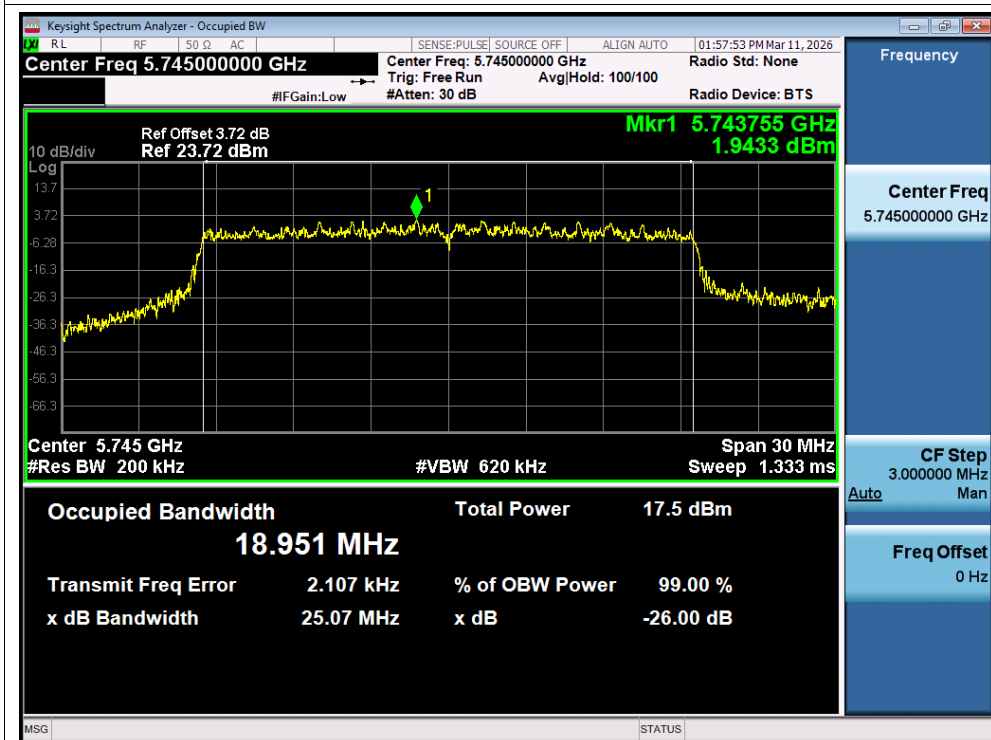
OBW NVNT ac40 5795MHz AntB



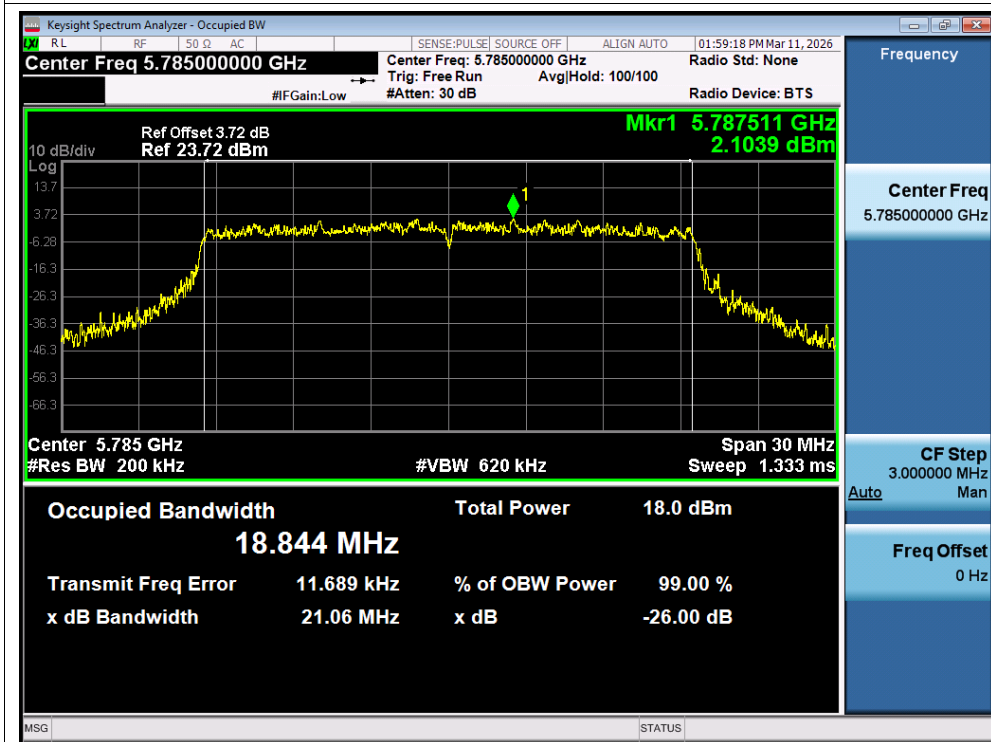
OBW NVNT ac80 5775MHz AntB



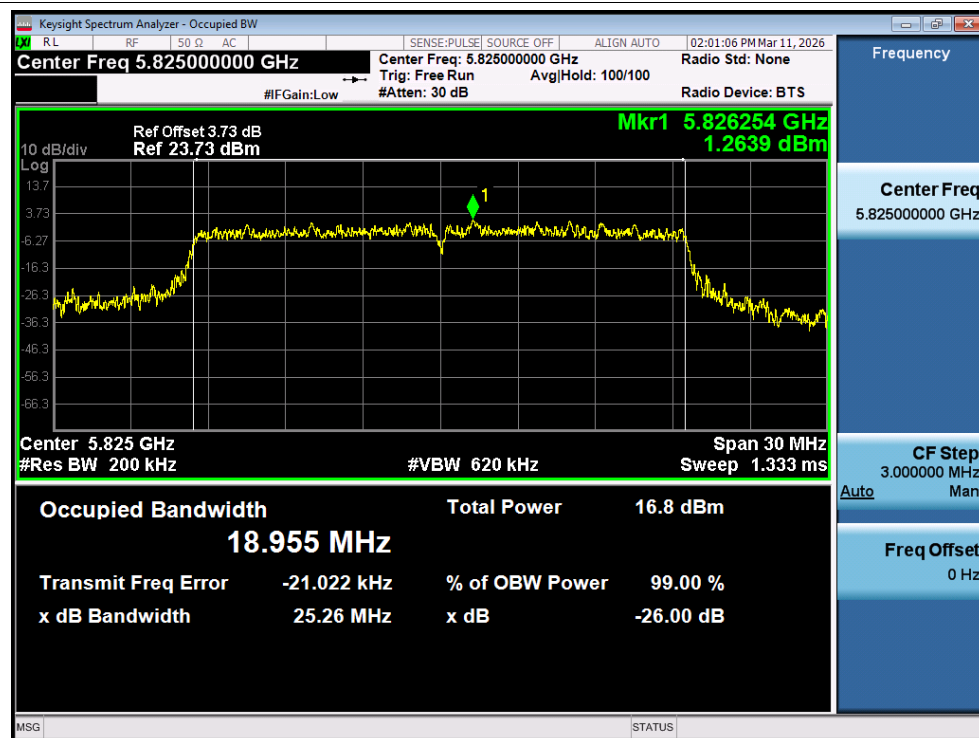
OBW NVNT ax20 5745MHz AntB



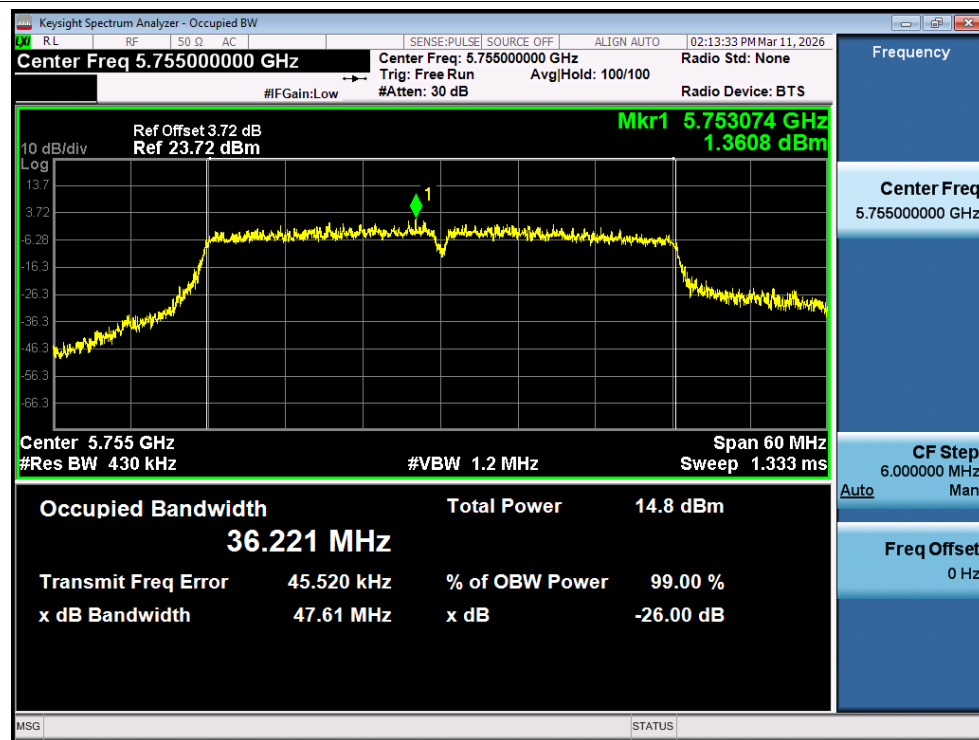
OBW NVNT ax20 5785MHz AntB



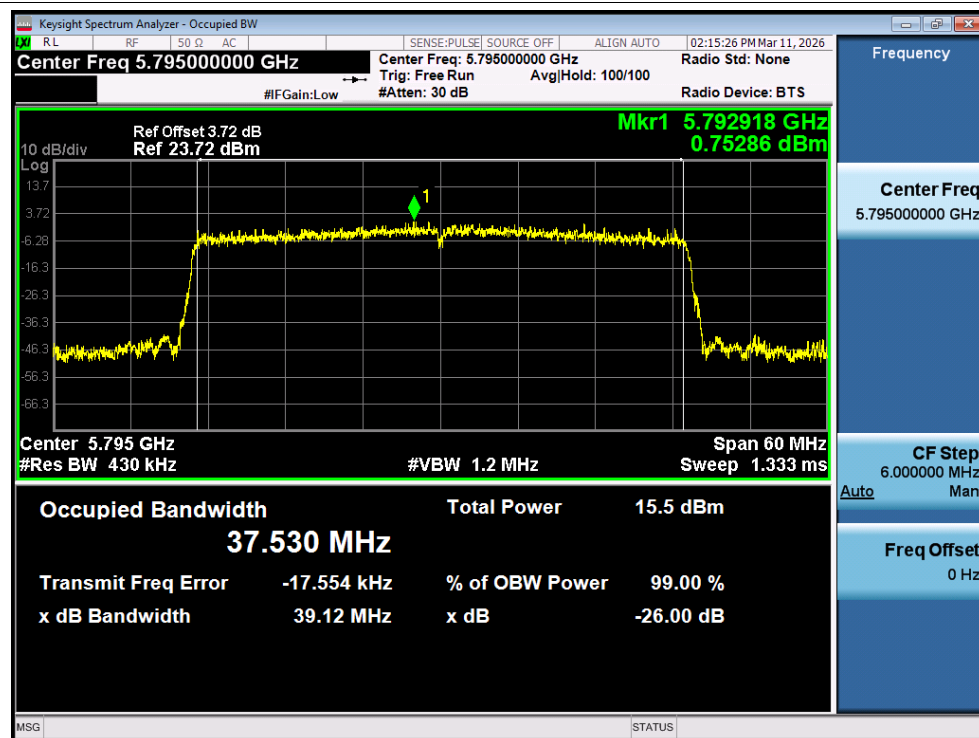
OBW NVNT ax20 5825MHz AntB



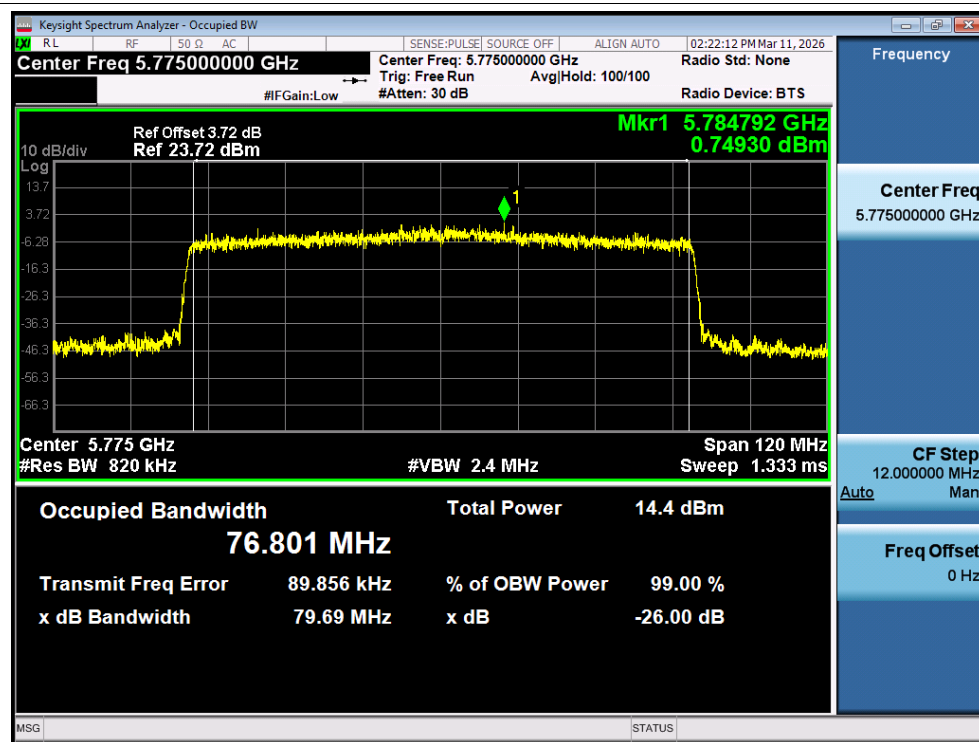
OBW NVNT ax40 5755MHz AntB



OBW NVNT ax40 5795MHz AntB



OBW NVNT ax80 5775MHz AntB



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	AntB	-3.51	30	Pass
NVNT	a	5785	AntB	-3.36	30	Pass
NVNT	a	5825	AntB	-4.74	30	Pass
NVNT	n20	5745	AntB	-5.17	30	Pass
NVNT	n20	5785	AntB	-4.89	30	Pass
NVNT	n20	5825	AntB	-5.64	30	Pass
NVNT	n40	5755	AntB	-8.71	30	Pass
NVNT	n40	5795	AntB	-8.05	30	Pass
NVNT	ac20	5745	AntB	-5.9	30	Pass
NVNT	ac20	5785	AntB	-5.7	30	Pass
NVNT	ac20	5825	AntB	-6.66	30	Pass
NVNT	ac40	5755	AntB	-8.97	30	Pass
NVNT	ac40	5795	AntB	-8.96	30	Pass
NVNT	ac80	5775	AntB	-14.47	30	Pass
NVNT	ax20	5745	AntB	-3.08	30	Pass
NVNT	ax20	5785	AntB	-3.25	30	Pass
NVNT	ax20	5825	AntB	-4.08	30	Pass
NVNT	ax40	5755	AntB	-10.07	30	Pass
NVNT	ax40	5795	AntB	-9.72	30	Pass
NVNT	ax80	5775	AntB	-14.18	30	Pass

The Duty Cycle Factor is compensated in the graph.

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/510KHz)		Conducted PSD (dBm/500KHz)				Verdict
			ANT A	ANT B	ANT A	ANT B	Total	Limit	
NVNT	a	5745	-2.98	-3.51	-3.066	-3.596	-0.31	30	Pass
NVNT	a	5785	-3.09	-3.36	-3.176	-3.446	-0.30	30	Pass
NVNT	a	5825	-4.47	-4.74	-4.556	-4.826	-1.68	30	Pass
NVNT	n20	5745	-5.2	-5.17	-5.286	-5.256	-2.26	30	Pass
NVNT	n20	5785	-4.39	-4.89	-4.476	-4.976	-1.71	30	Pass
NVNT	n20	5825	-5.45	-5.64	-5.536	-5.726	-2.62	30	Pass
NVNT	n40	5755	-8.04	-8.71	-8.126	-8.796	-5.44	30	Pass
NVNT	n40	5795	-7.51	-8.05	-7.596	-8.136	-4.85	30	Pass
NVNT	ac20	5745	-5.98	-5.9	-6.066	-5.986	-3.02	30	Pass
NVNT	ac20	5785	-5.04	-5.7	-5.126	-5.786	-2.43	30	Pass
NVNT	ac20	5825	-7.25	-6.66	-7.336	-6.746	-4.02	30	Pass
NVNT	ac40	5755	-9.53	-8.97	-9.616	-9.056	-6.32	30	Pass
NVNT	ac40	5795	-8.96	-8.96	-9.046	-9.046	-6.04	30	Pass
NVNT	ac80	5775	-14.6	-14.47	-14.686	-14.556	-11.61	30	Pass
NVNT	ax20	5745	-3.73	-3.08	-3.816	-3.166	-0.47	30	Pass
NVNT	ax20	5785	-3.48	-3.25	-3.566	-3.336	-0.44	30	Pass
NVNT	ax20	5825	-3.7	-4.08	-3.786	-4.166	-0.96	30	Pass
NVNT	ax40	5755	-9.94	-10.07	-10.026	-10.156	-7.08	30	Pass
NVNT	ax40	5795	-8.35	-9.72	-8.436	-9.806	-6.06	30	Pass
NVNT	ax80	5775	-14	-14.18	-14.086	-14.266	-11.16	30	Pass
Note: Correction Factor = $10\log(500\text{KHz}/\text{RBW in measurement}) = -0.086$									

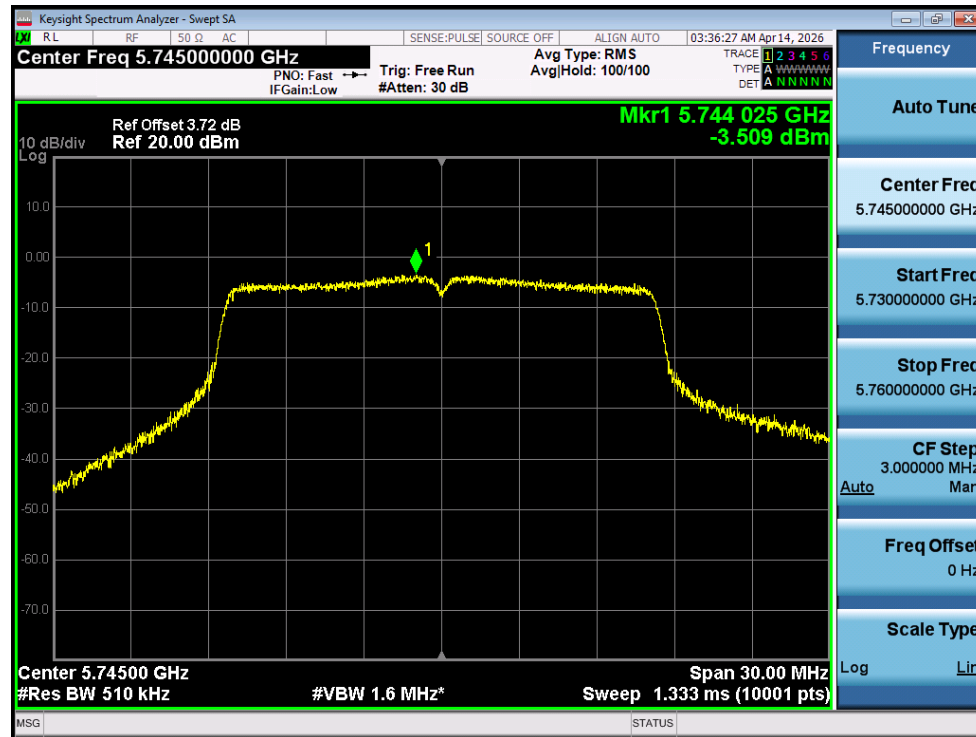
Note:

Antenna A gain: 0.9 dBi, Antenna B gain: 0.9 dBi, Directional gain=[GainANT + 10 log(NANT) dBi] =3.91 dBi<6dBi

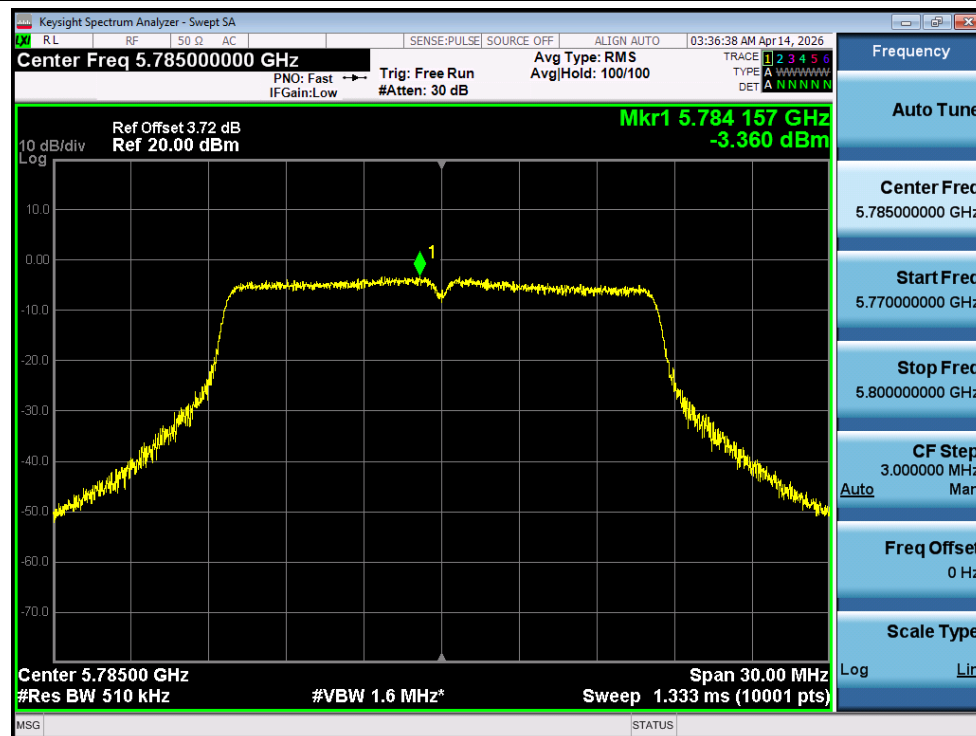
Limit=30 dBi

Test Graphs

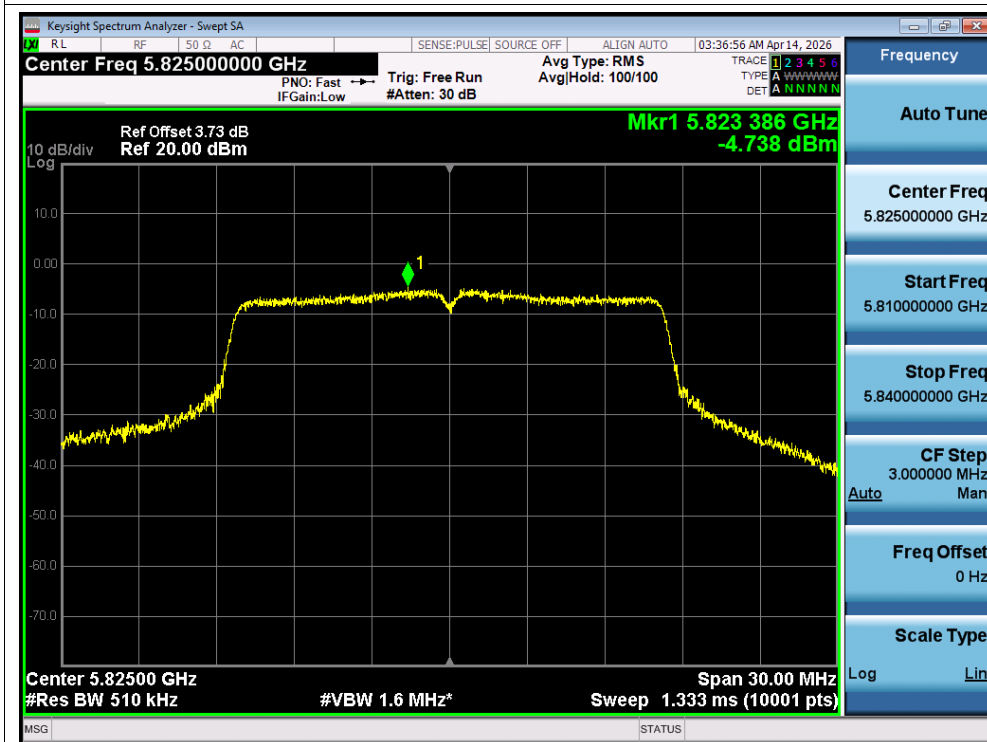
PSD NVNT a 5745MHz Ant1



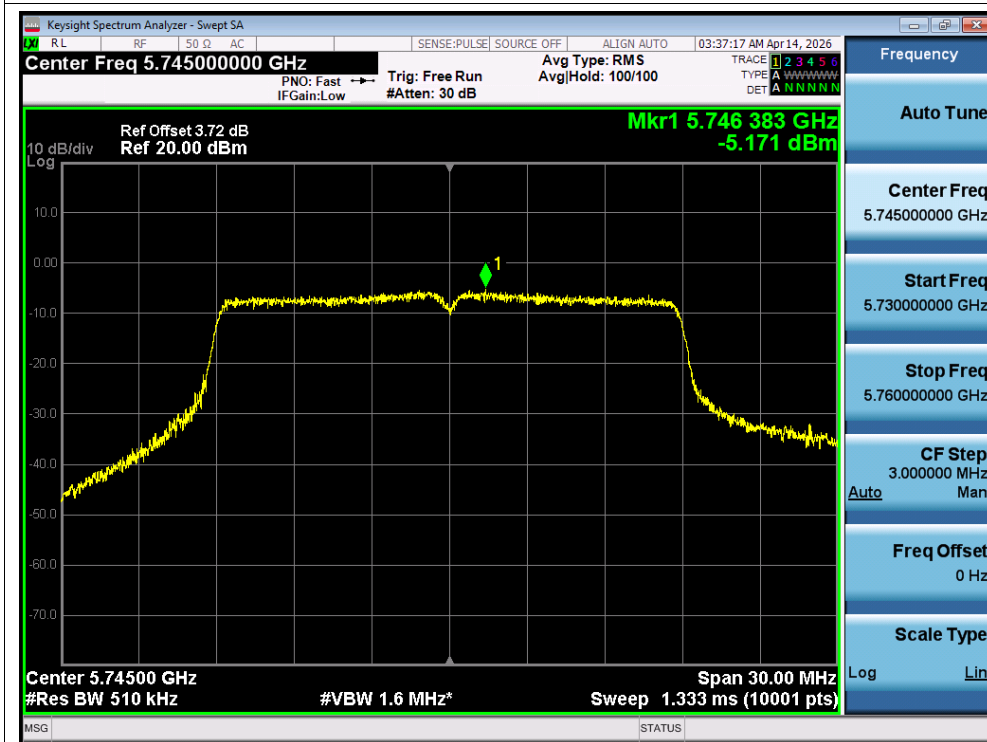
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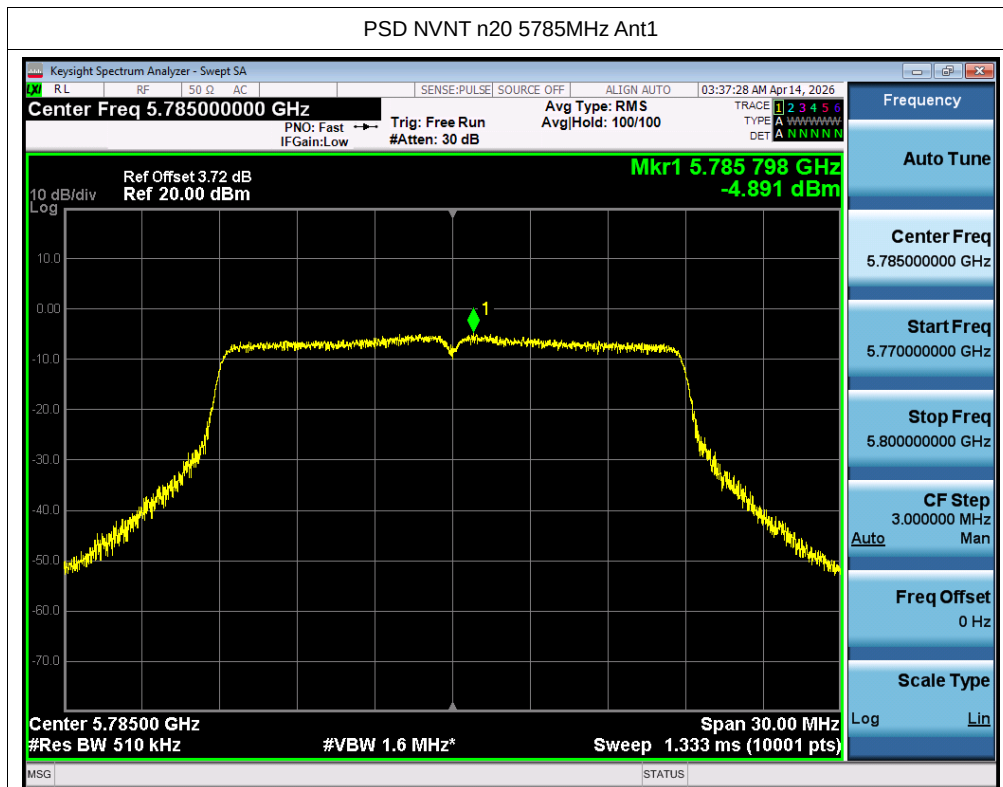
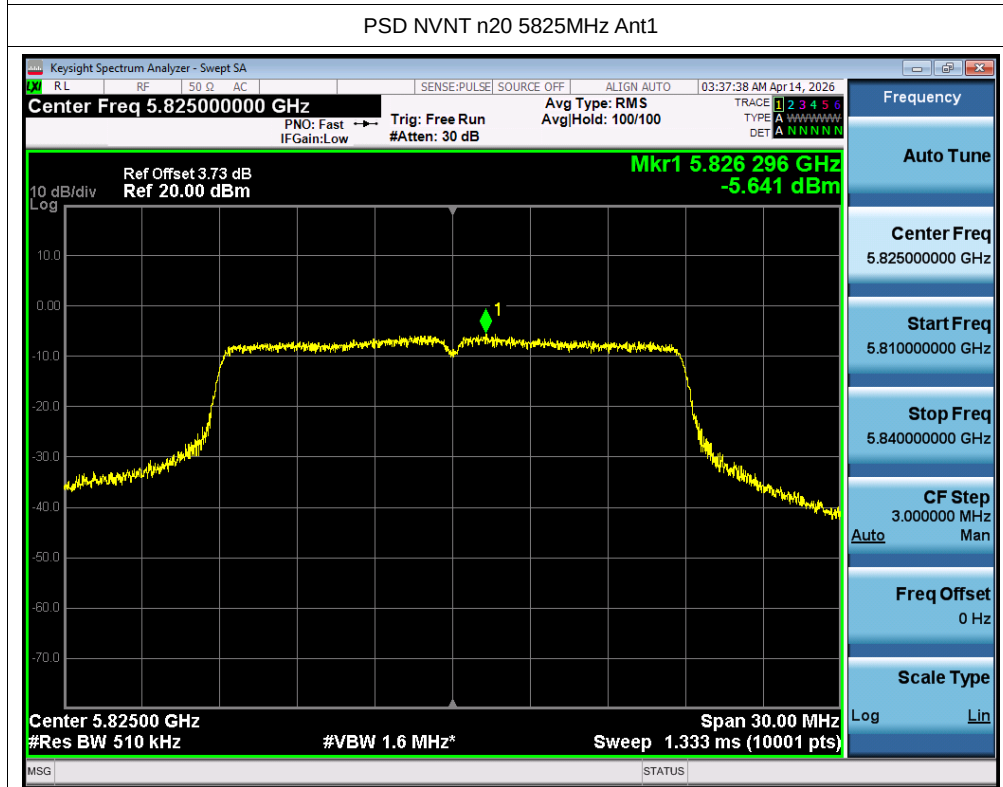


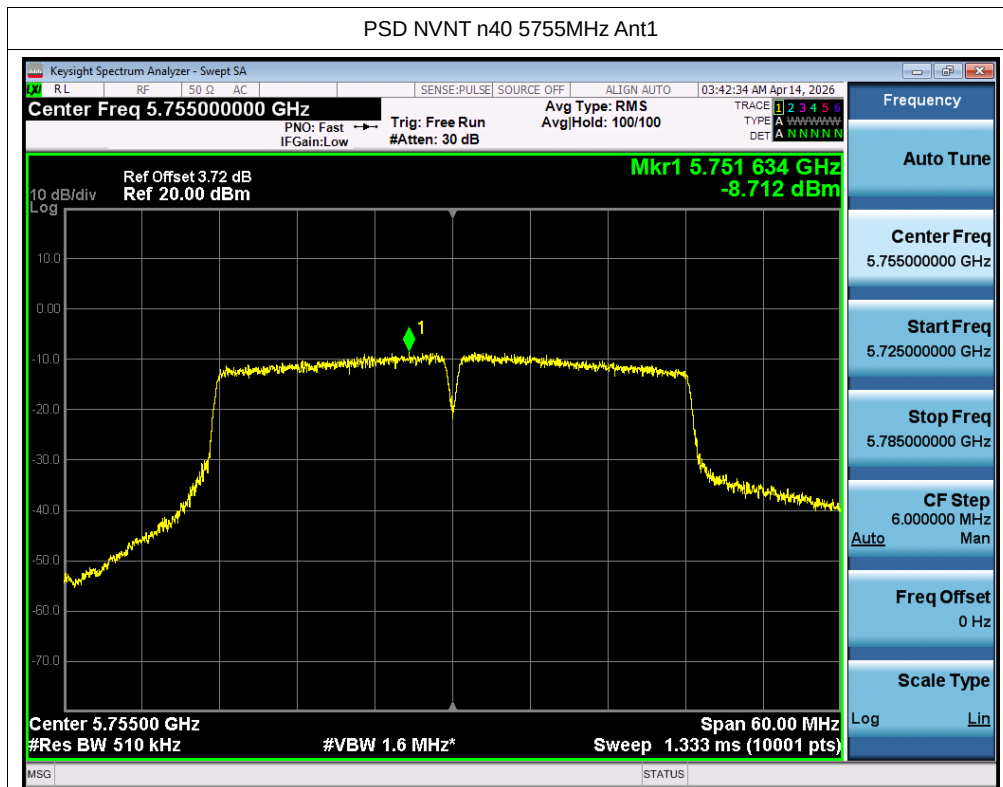
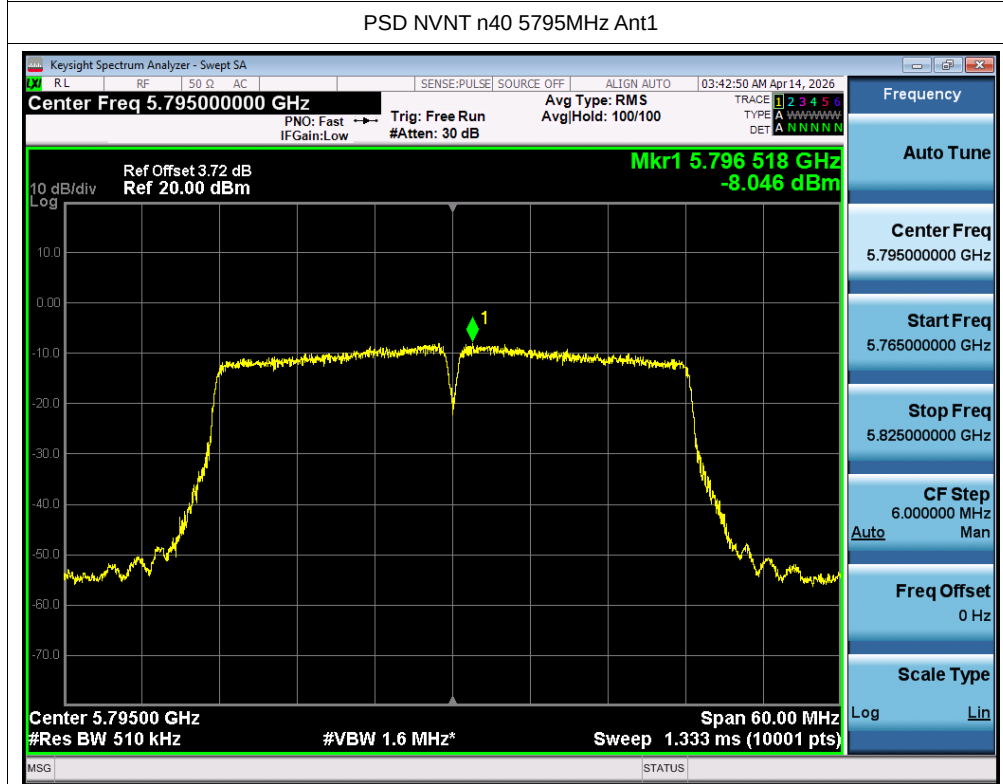
PSD NVNT a 5825MHz Ant1



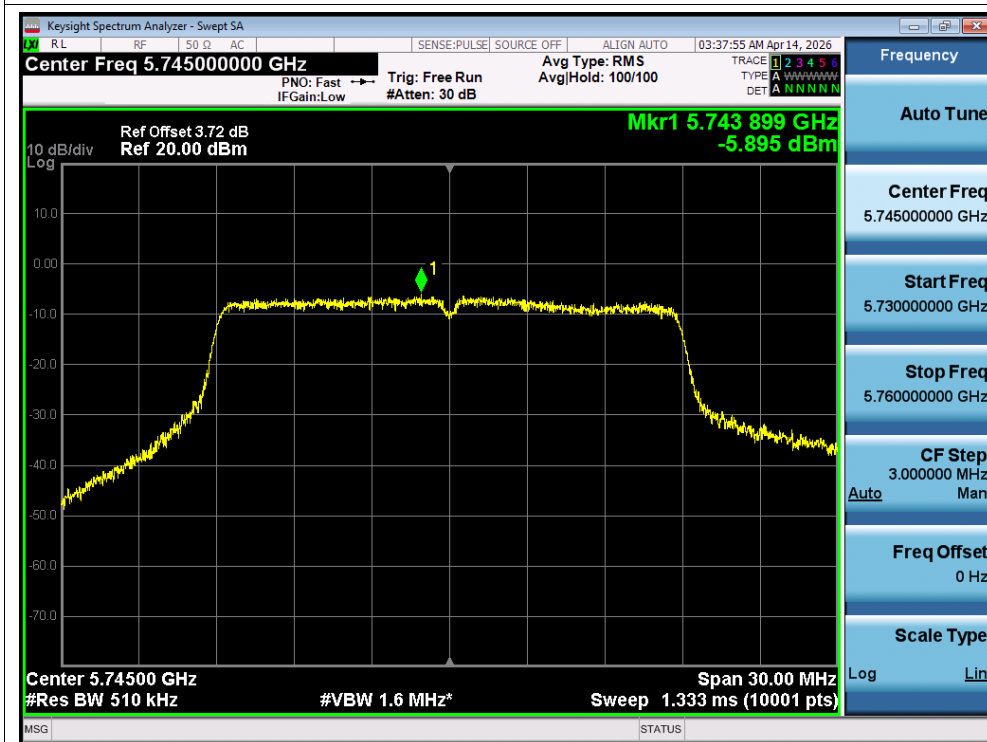
PSD NVNT n20 5745MHz Ant1



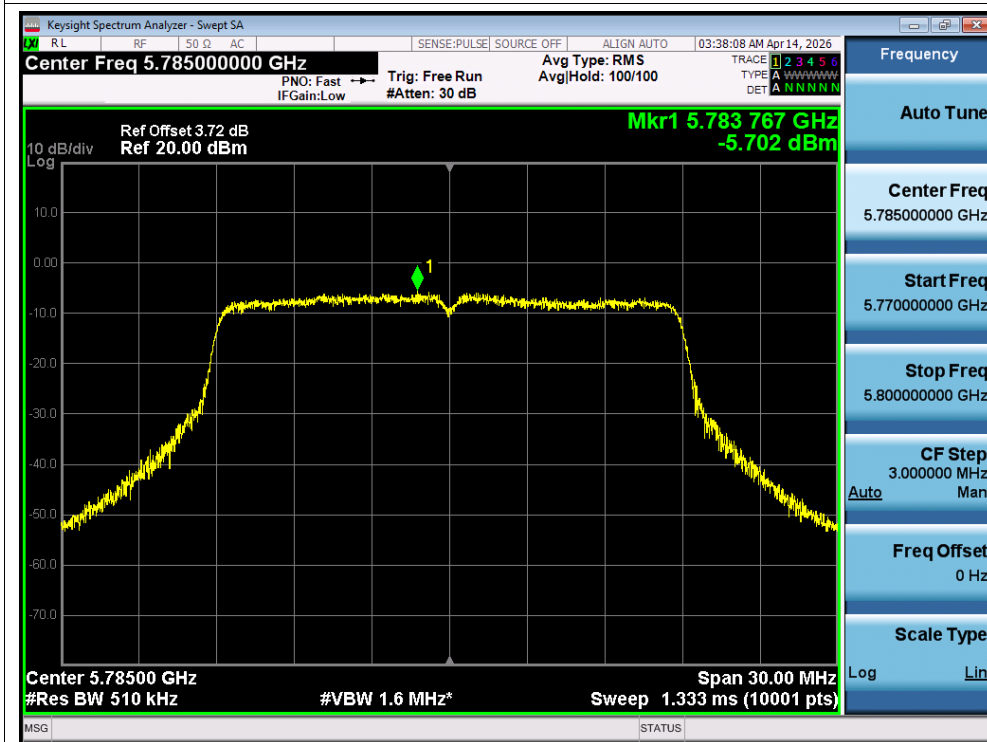




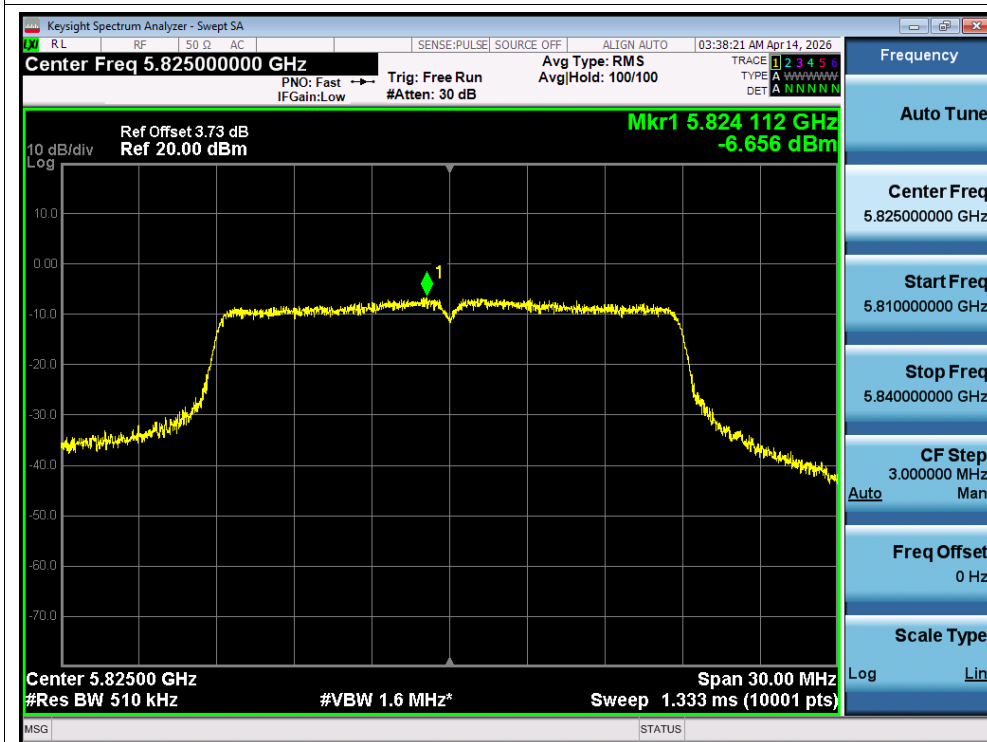
PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



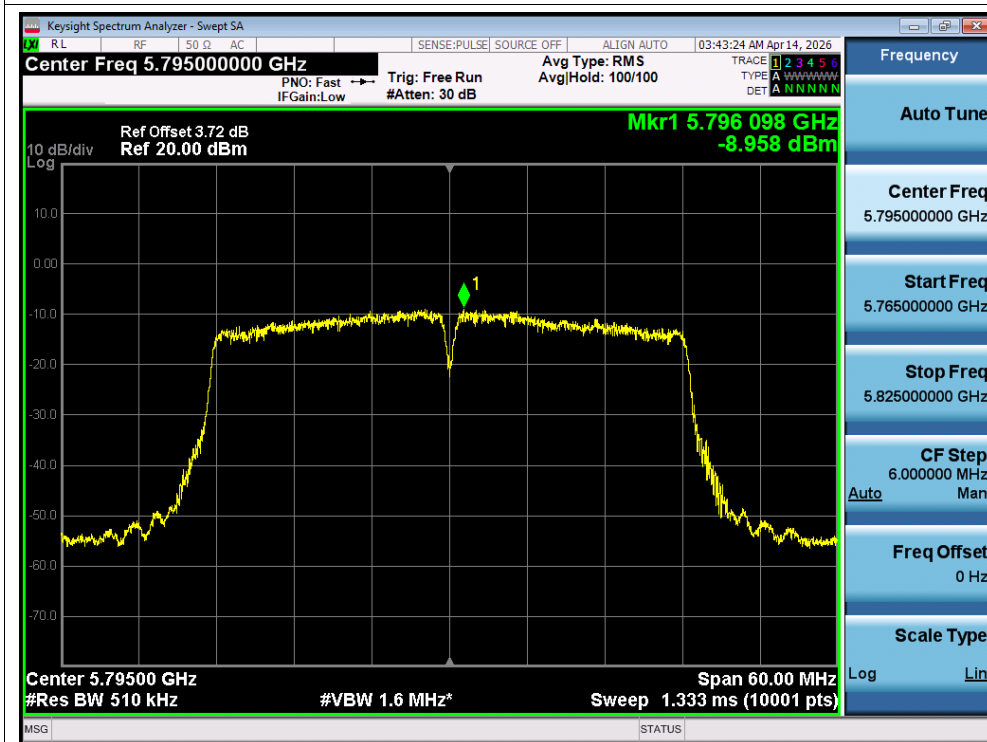
PSD NVNT ac20 5825MHz Ant1



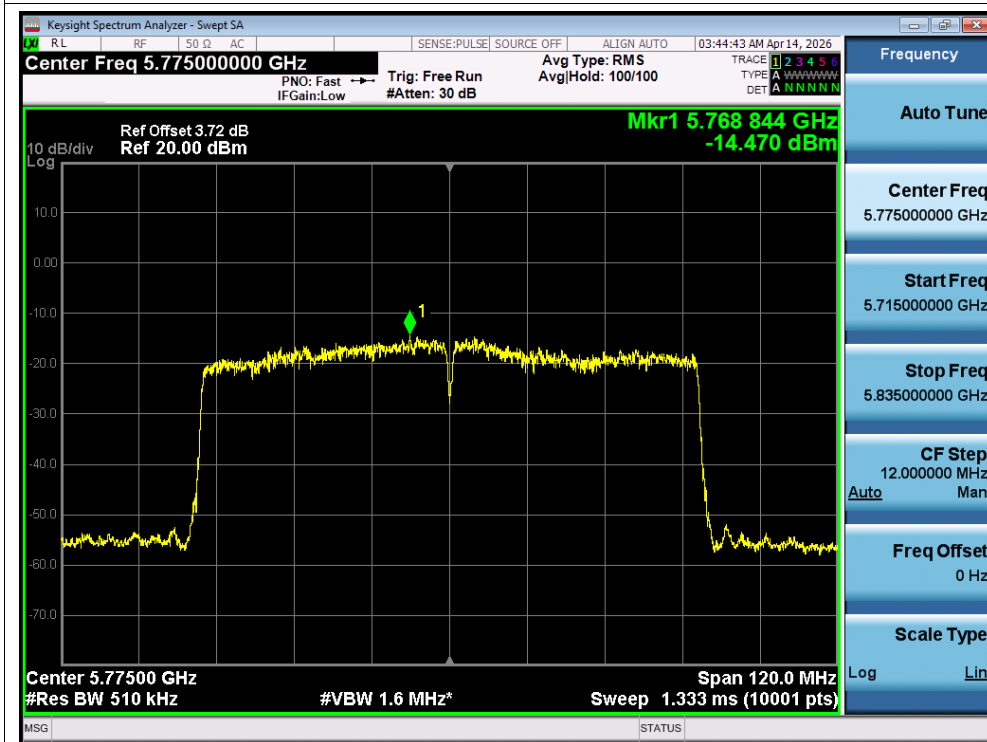
PSD NVNT ac40 5755MHz Ant1



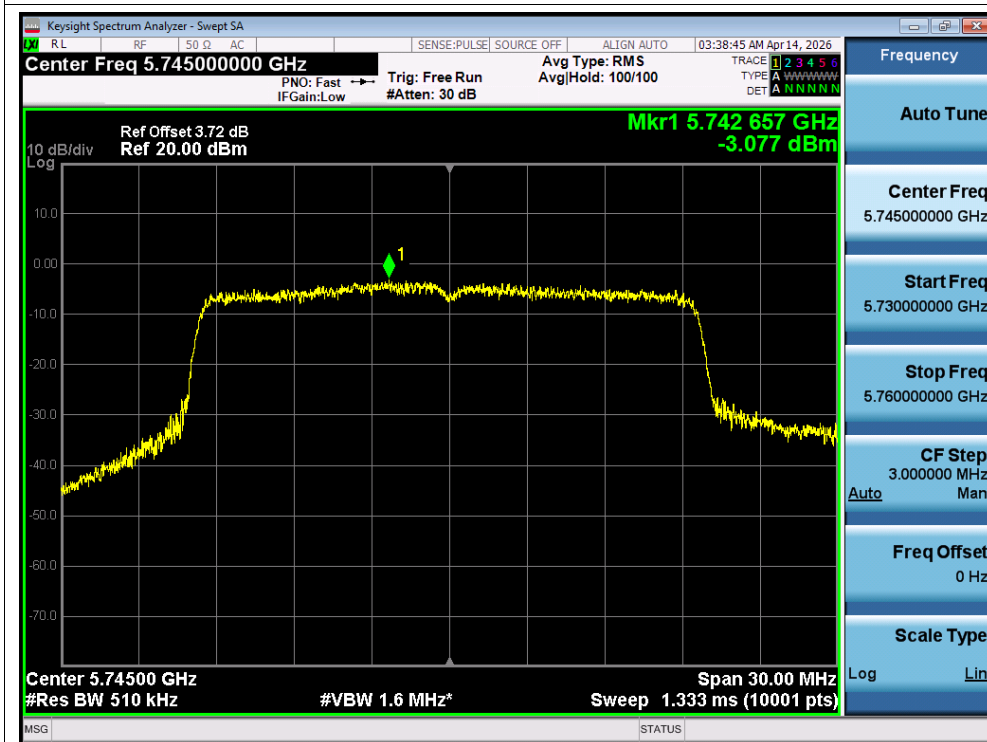
PSD NVNT ac40 5795MHz Ant1



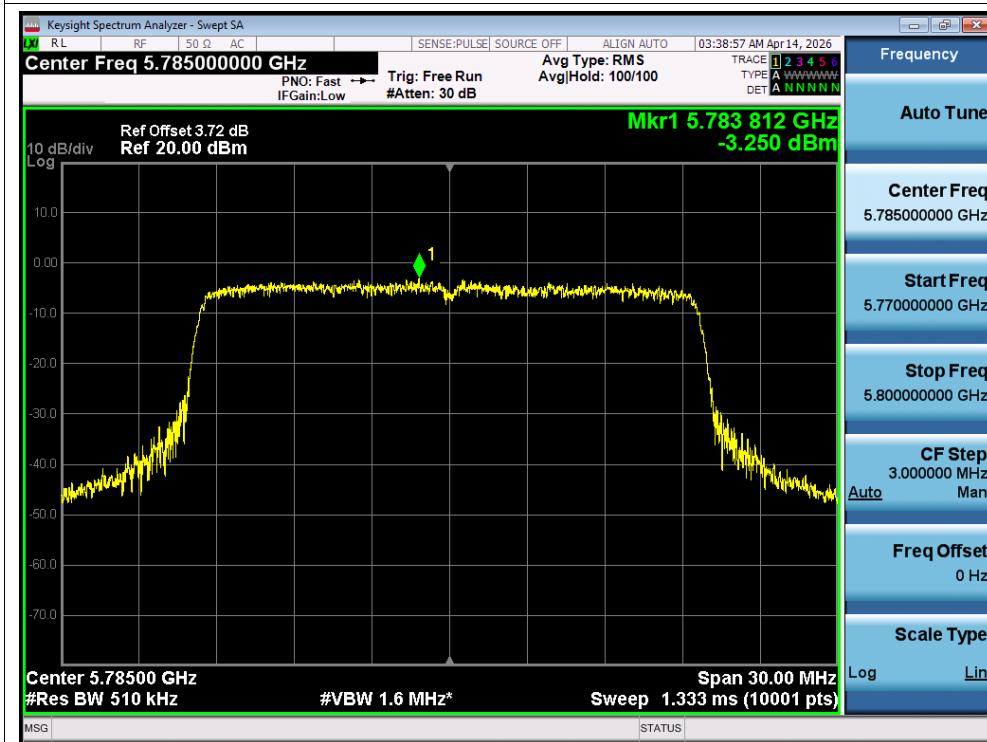
PSD NVNT ac80 5775MHz Ant1



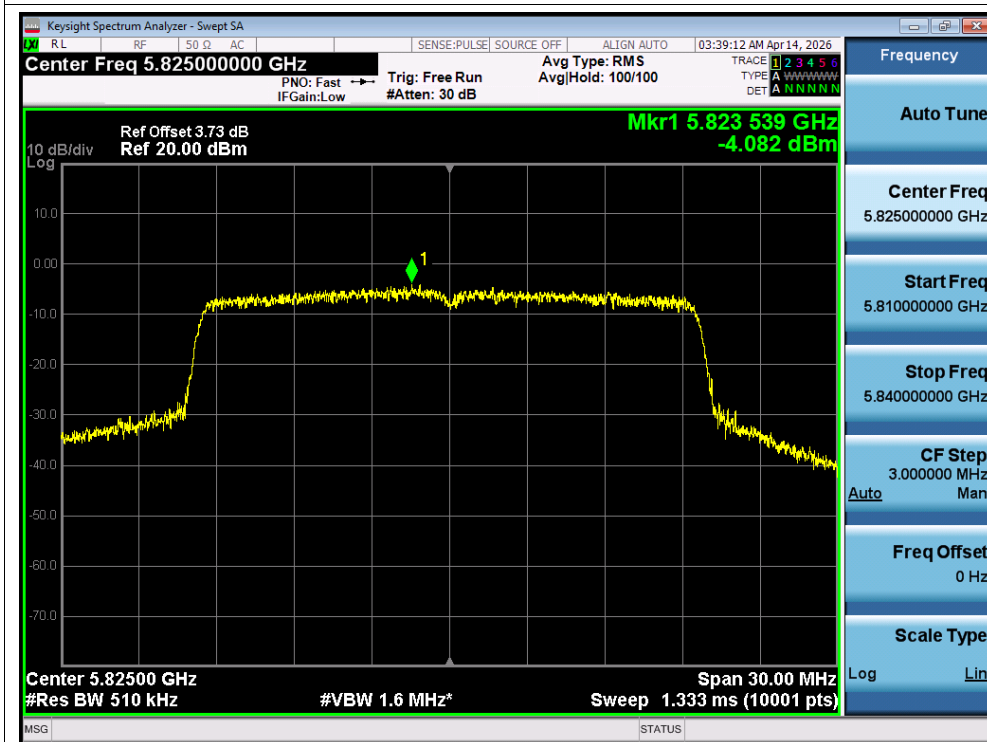
PSD NVNT ax20 5745MHz Ant1



PSD NVNT ax20 5785MHz Ant1



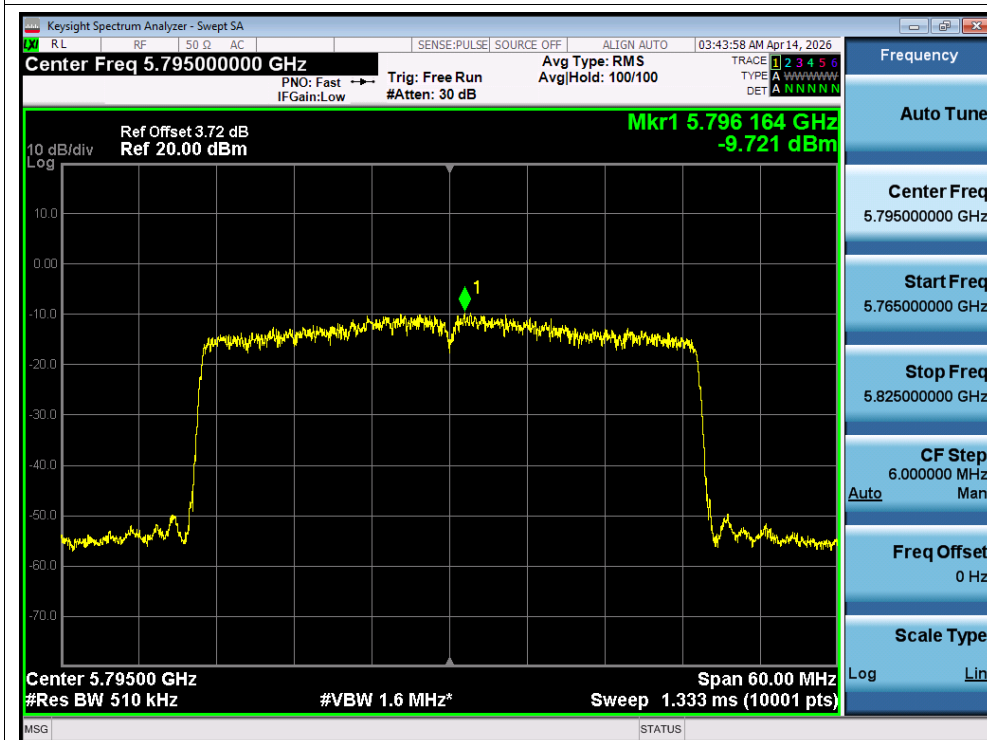
PSD NVNT ax20 5825MHz Ant1



PSD NVNT ax40 5755MHz Ant1



PSD NVNT ax40 5795MHz Ant1



PSD NVNT ax80 5775MHz Ant1

