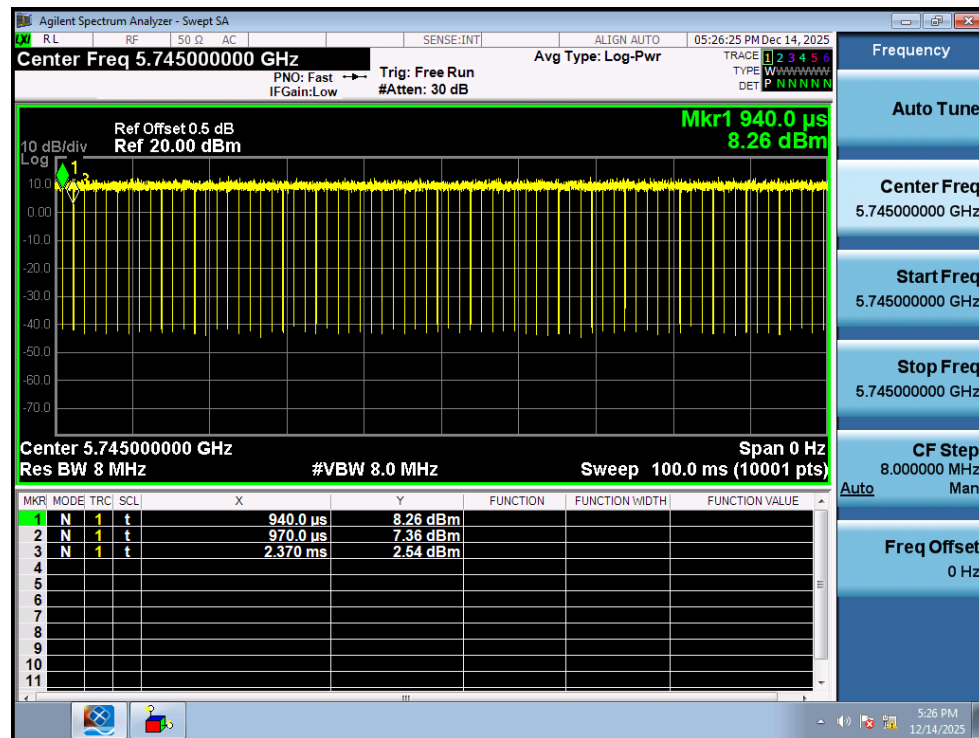


Duty Cycle

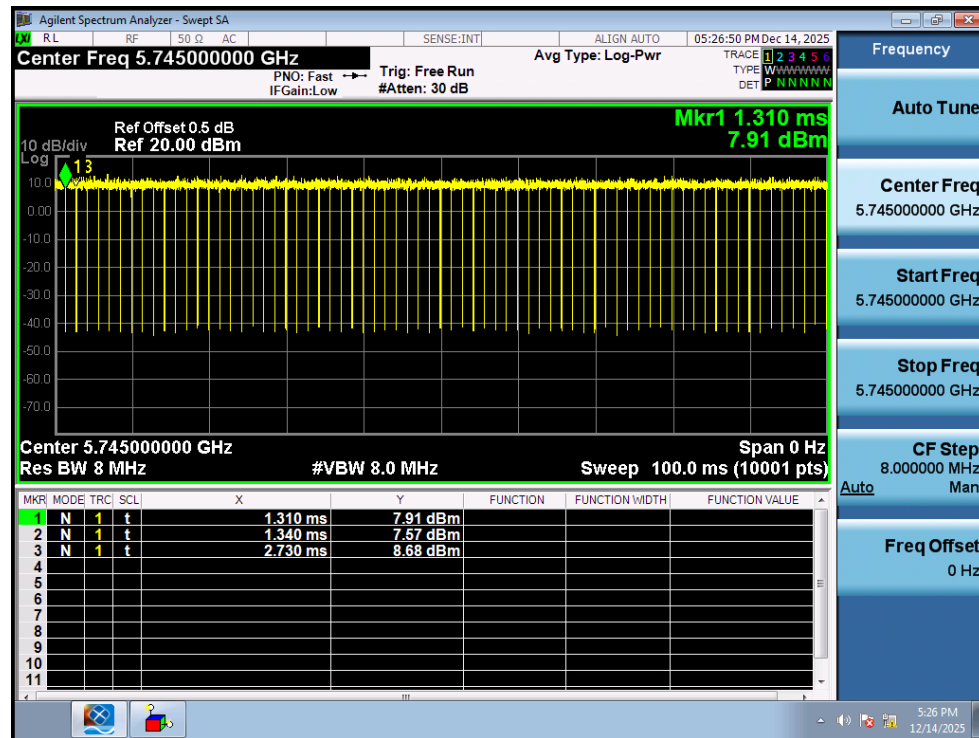
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	97.9	0.09	0.71
	n20			97.89	0.09	0.72
	n40	5755		94.12	0.26	1.56
	ac20	5745		97.89	0.09	0.72
	ac40	5755		95.59	0.2	1.54
	ac80	5775		81.82	0.87	5.56
	ax20	5745		86.96	0.61	5
	ax40	5755		87.5	0.58	4.76
	ax80	5775		84.72	0.72	5.15

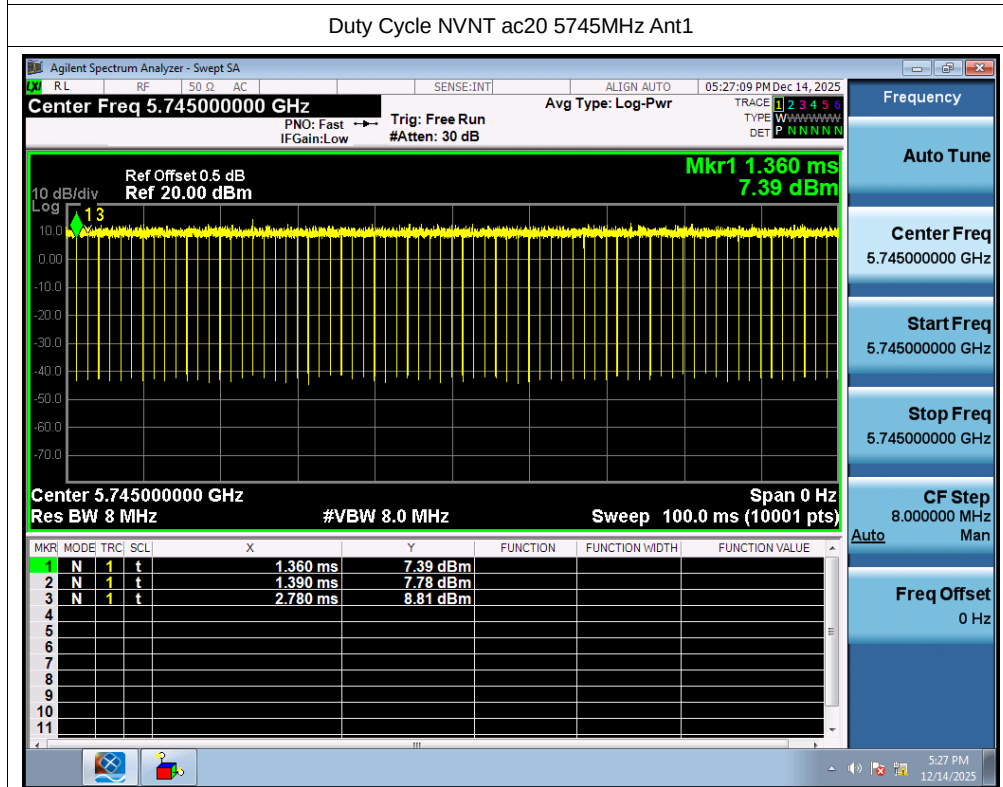
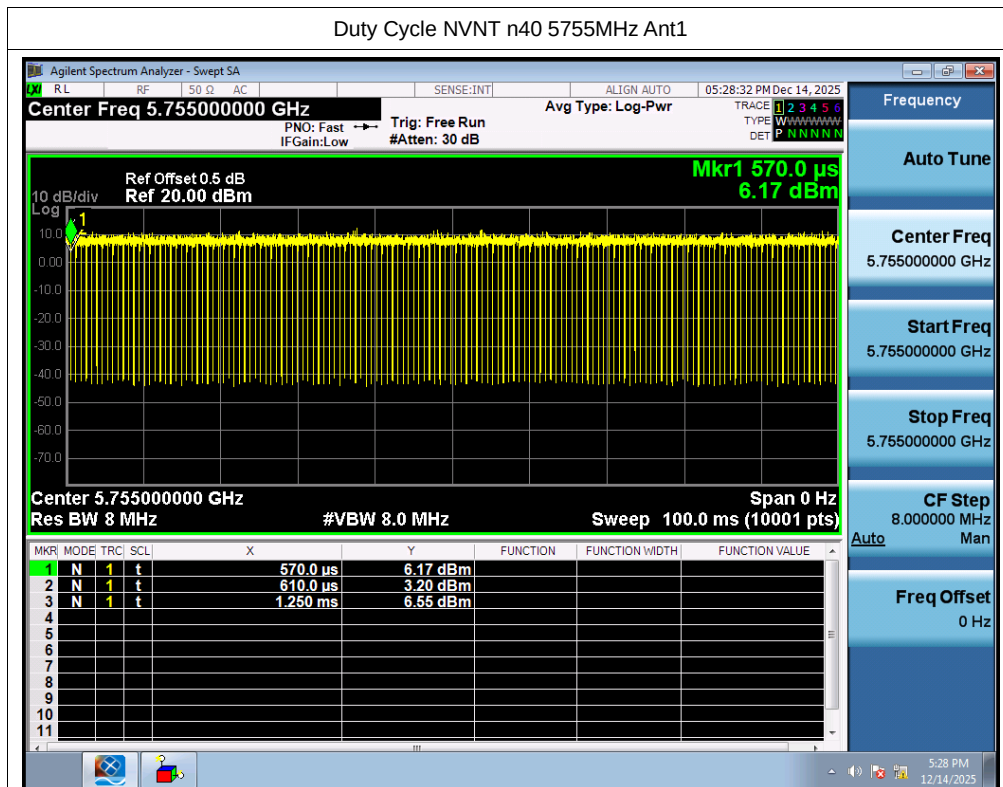
Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

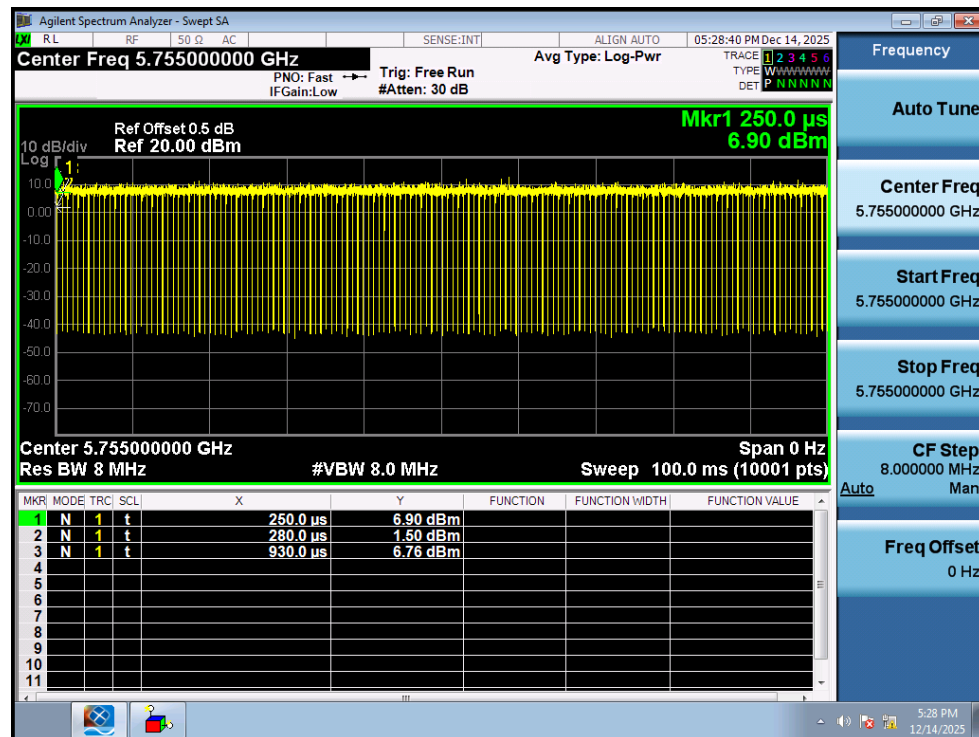


Duty Cycle NVNT n20 5745MHz Ant1

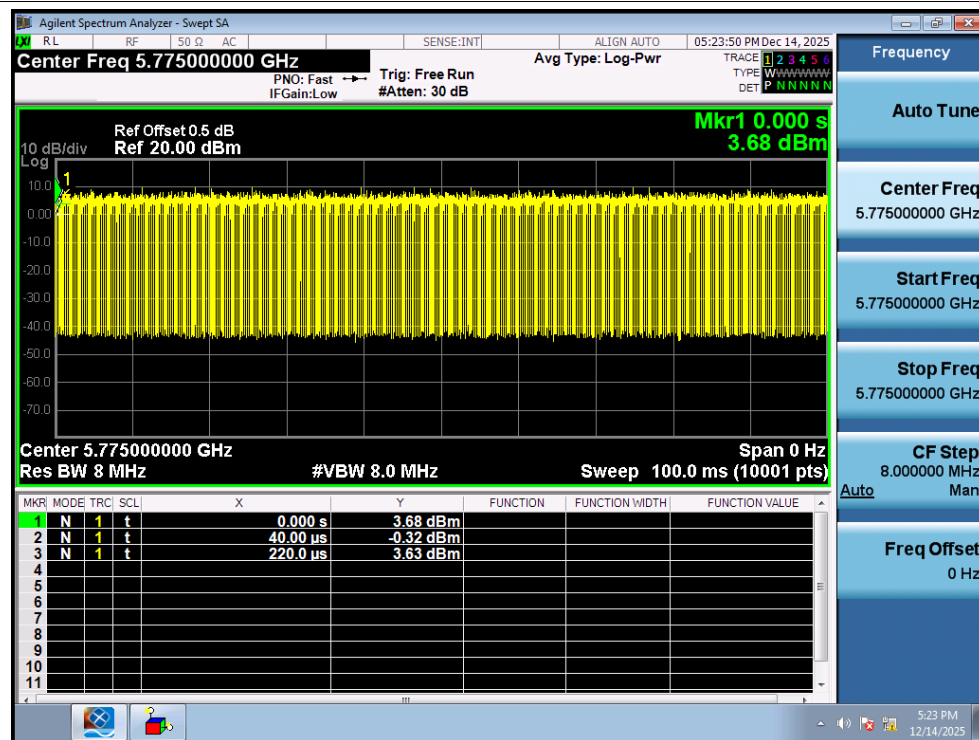




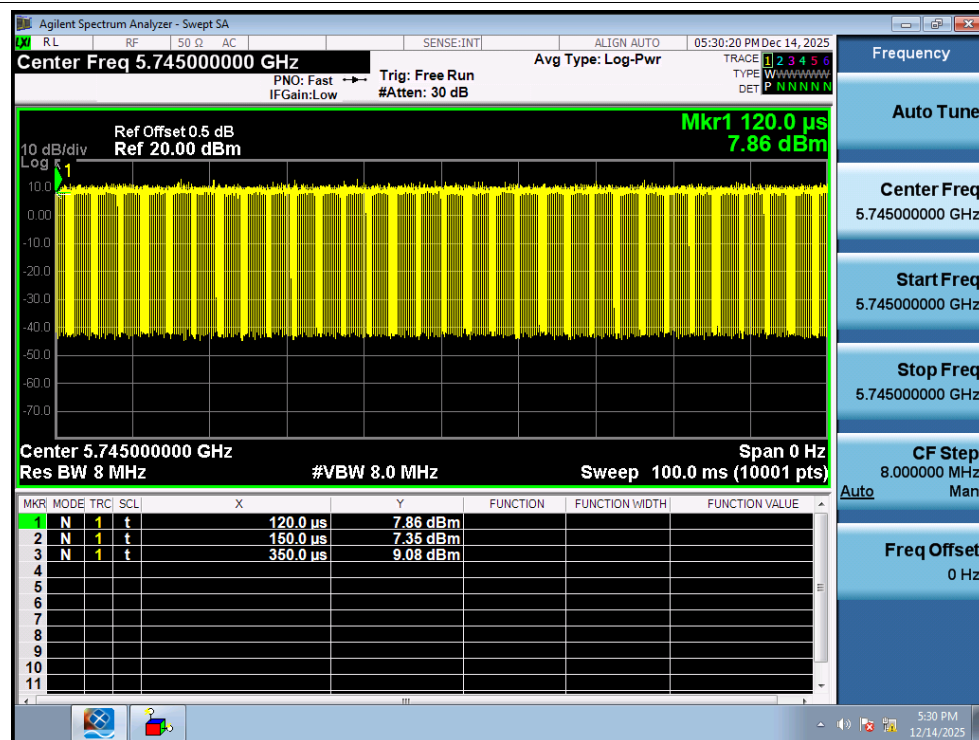
Duty Cycle NVNT ac40 5755MHz Ant1



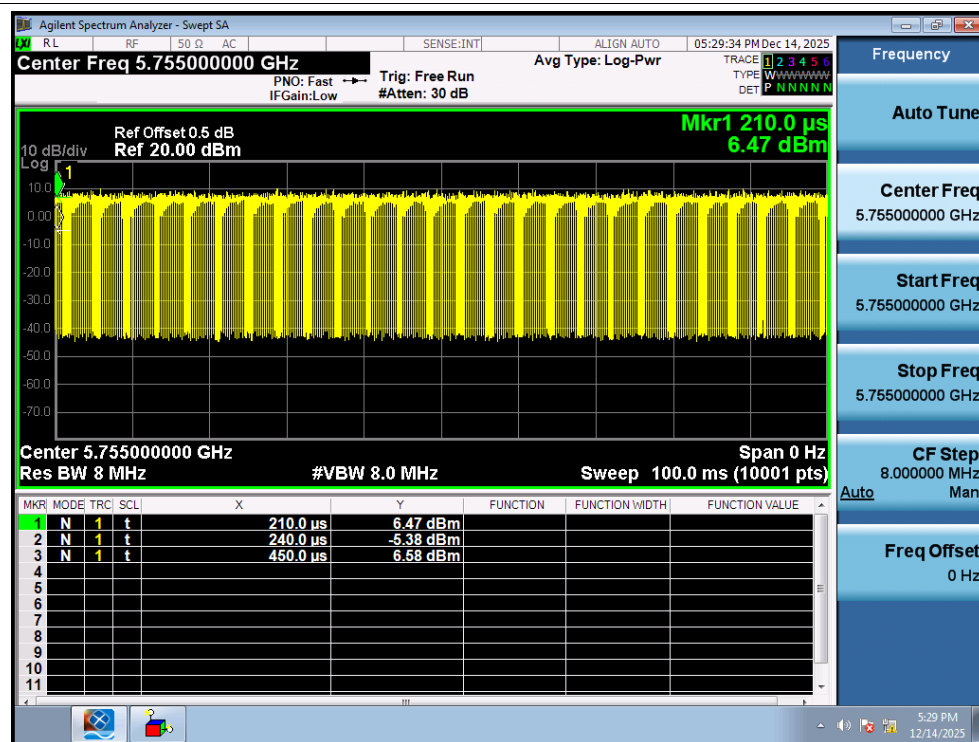
Duty Cycle NVNT ac80 5775MHz Ant1

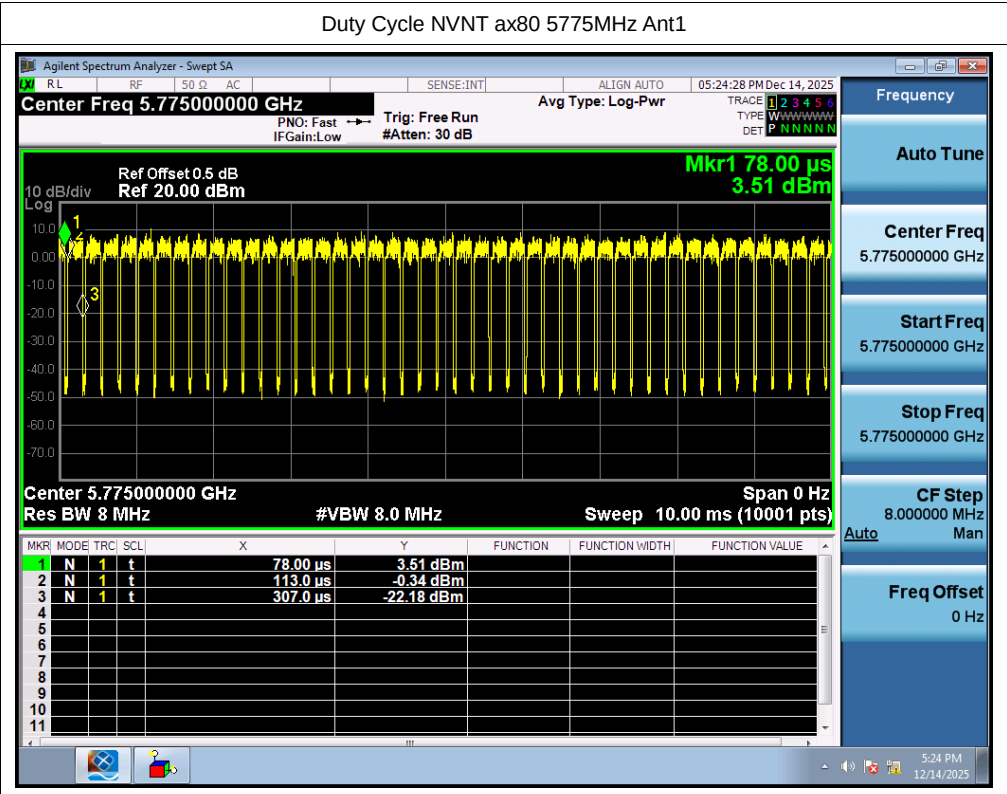


Duty Cycle NVNT ax20 5745MHz Ant1



Duty Cycle NVNT ax40 5755MHz Ant1



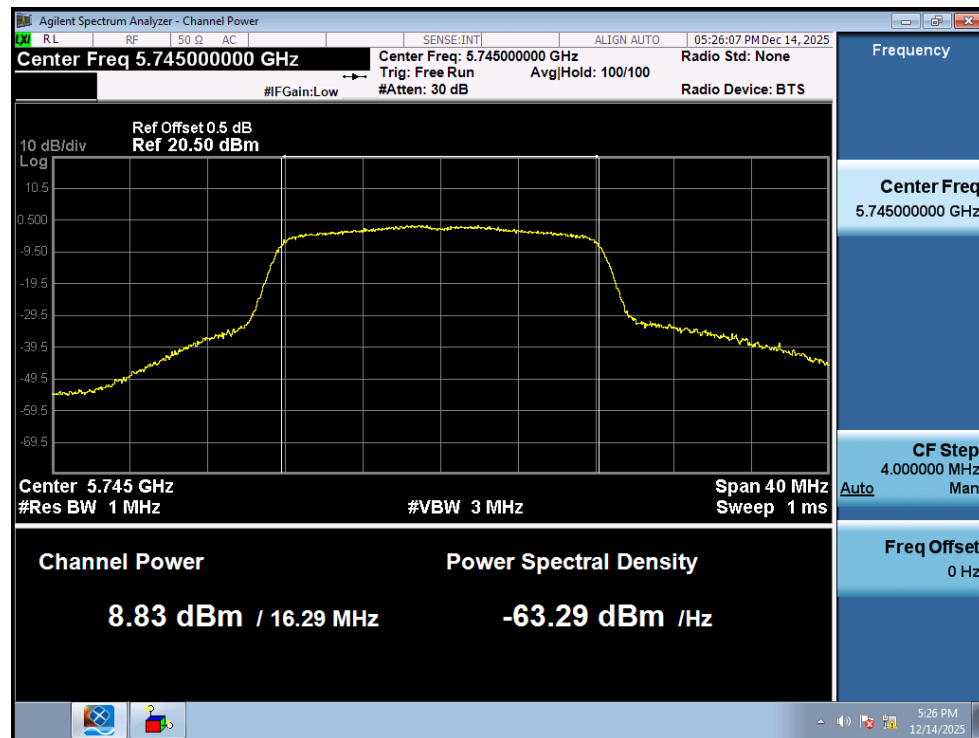


Maximum Conducted Output Power

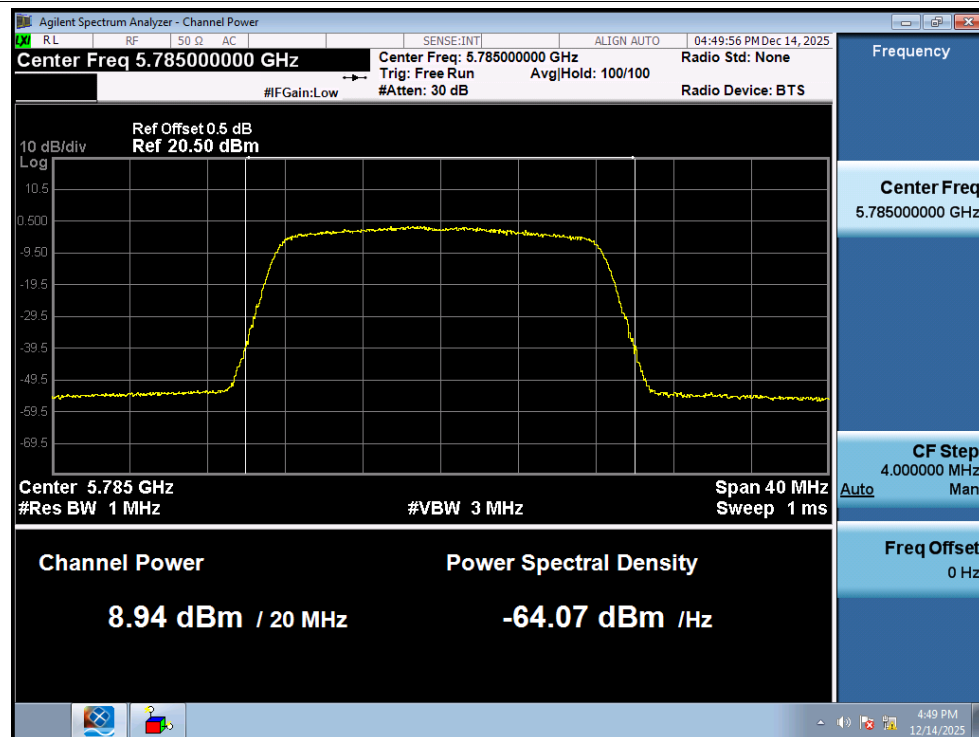
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	8.83	0.09	8.92	30	Pass
		5785		8.94	0.09	9.03	30	Pass
		5825		7.82	0.09	7.91	30	Pass
	n20	5745		8.56	0.09	8.65	30	Pass
		5785		8.31	0.09	8.4	30	Pass
		5825		7.14	0.09	7.23	30	Pass
	n40	5755		7.05	0.26	7.31	30	Pass
		5795		6.69	0.26	6.95	30	Pass
	ac20	5745		8.37	0.09	8.46	30	Pass
		5785		7.84	0.09	7.93	30	Pass
		5825		6.91	0.09	7	30	Pass
	ac40	5755		7.14	0.2	7.34	30	Pass
		5795		6.58	0.2	6.78	30	Pass
	ac80	5775		5.03	0.72	5.75	30	Pass
	ax20	5745		8.03	0.61	8.64	30	Pass
		5785		7.77	0.61	8.38	30	Pass
		5825		6.66	0.61	7.27	30	Pass
	ax40	5755		6.79	0.58	7.37	30	Pass
		5795		6.76	0.58	7.34	30	Pass
	ax80	5775		5.17	0.72	5.89	30	Pass

Test Graphs

Power NVNT a 5745MHz Ant1



Power NVNT a 5785MHz Ant1



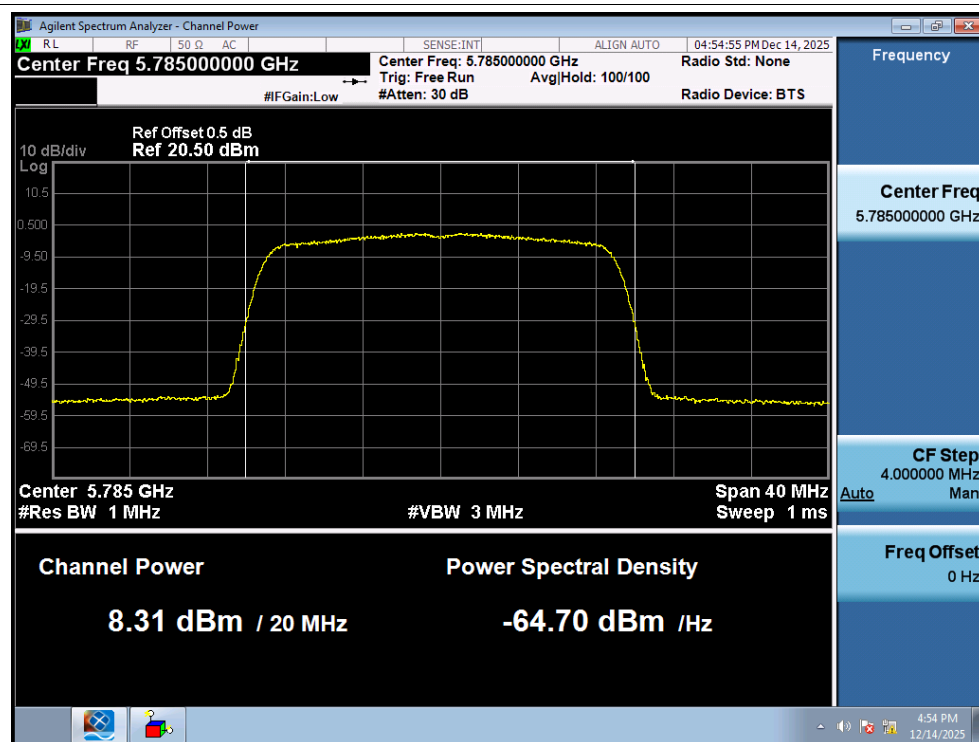
Power NVNT a 5825MHz Ant1



Power NVNT n20 5745MHz Ant1



Power NVNT n20 5785MHz Ant1



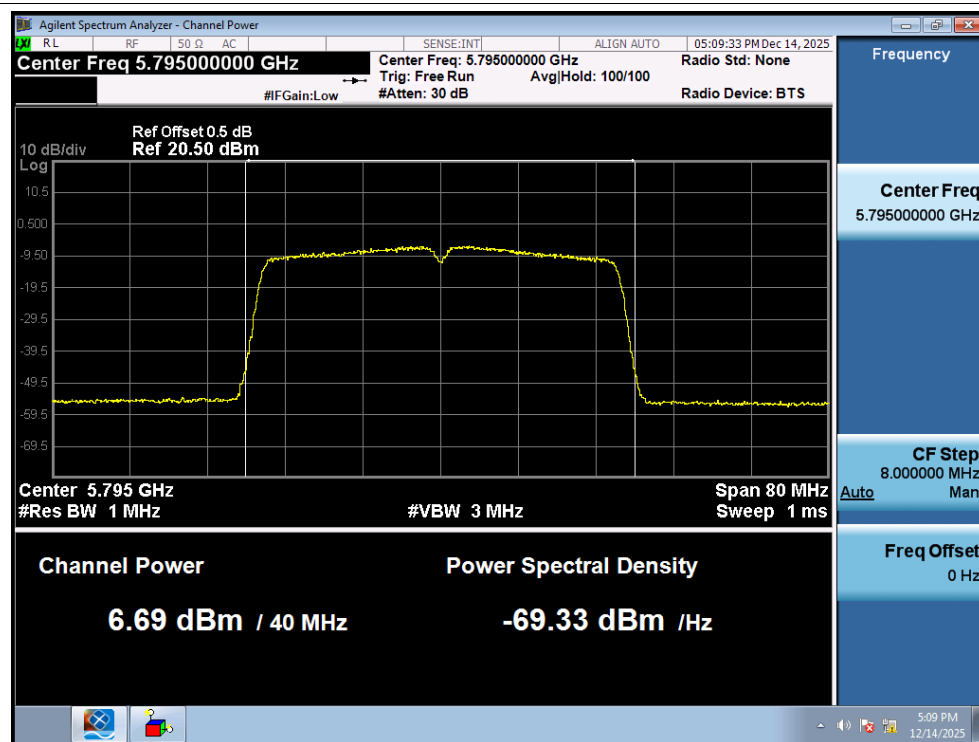
Power NVNT n20 5825MHz Ant1



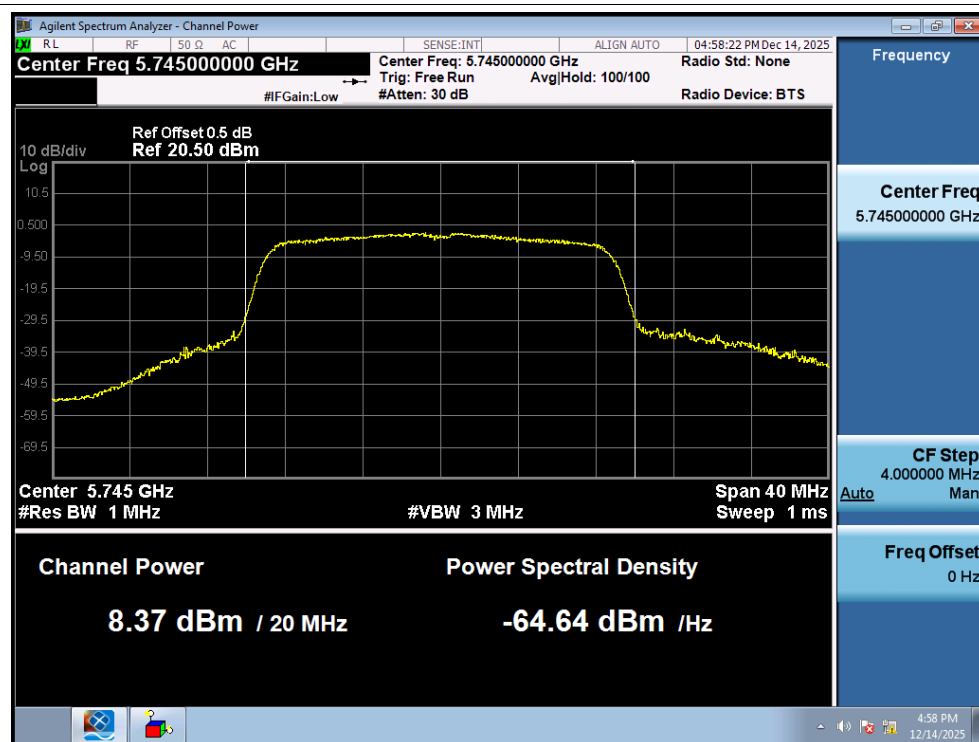
Power NVNT n40 5755MHz Ant1



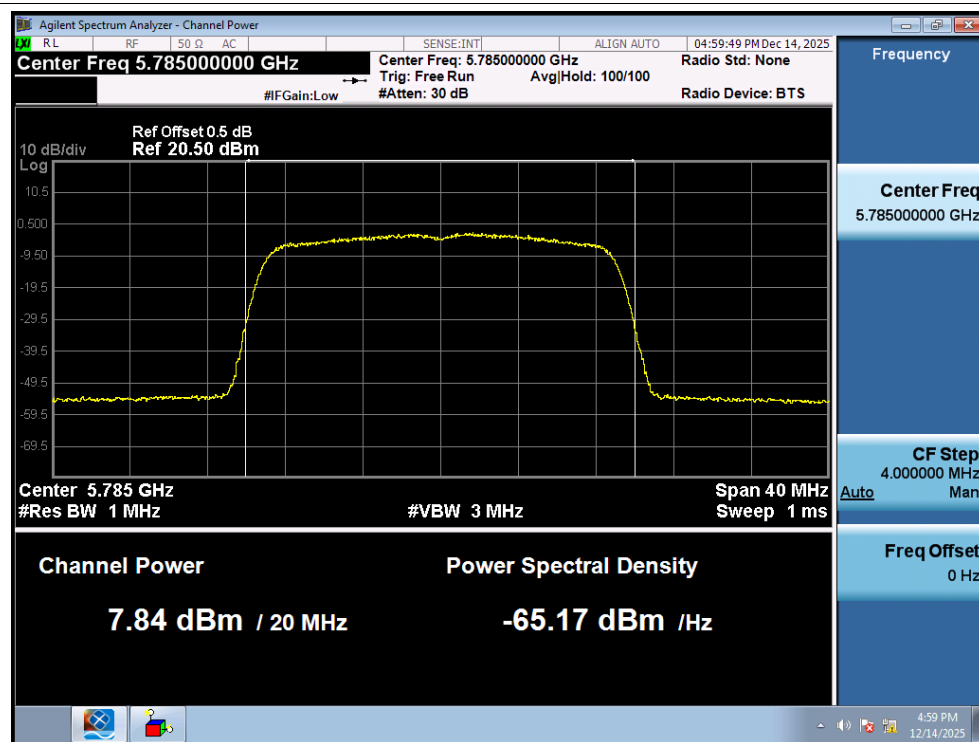
Power NVNT n40 5795MHz Ant1



Power NVNT ac20 5745MHz Ant1



Power NVNT ac20 5785MHz Ant1



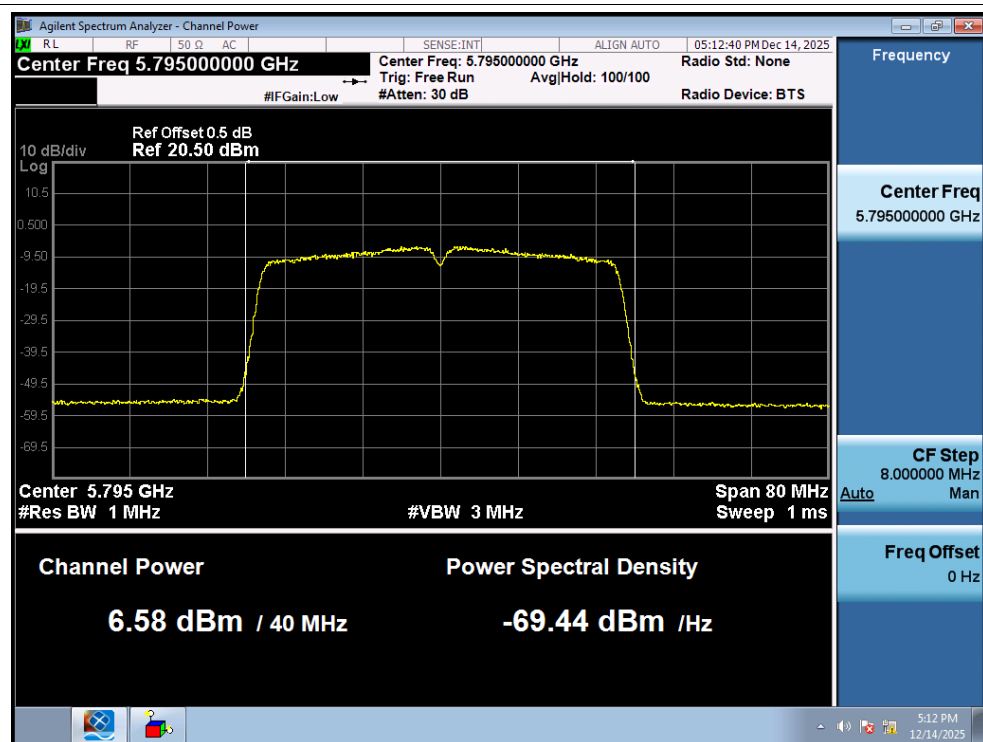
Power NVNT ac20 5825MHz Ant1



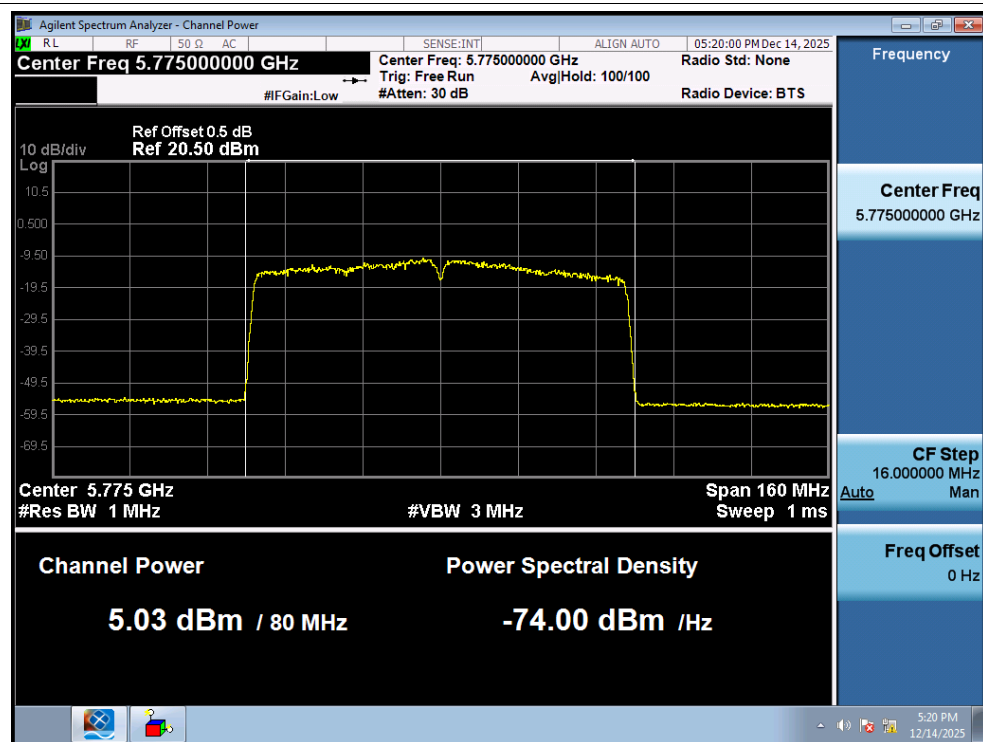
Power NVNT ac40 5755MHz Ant1



Power NVNT ac40 5795MHz Ant1



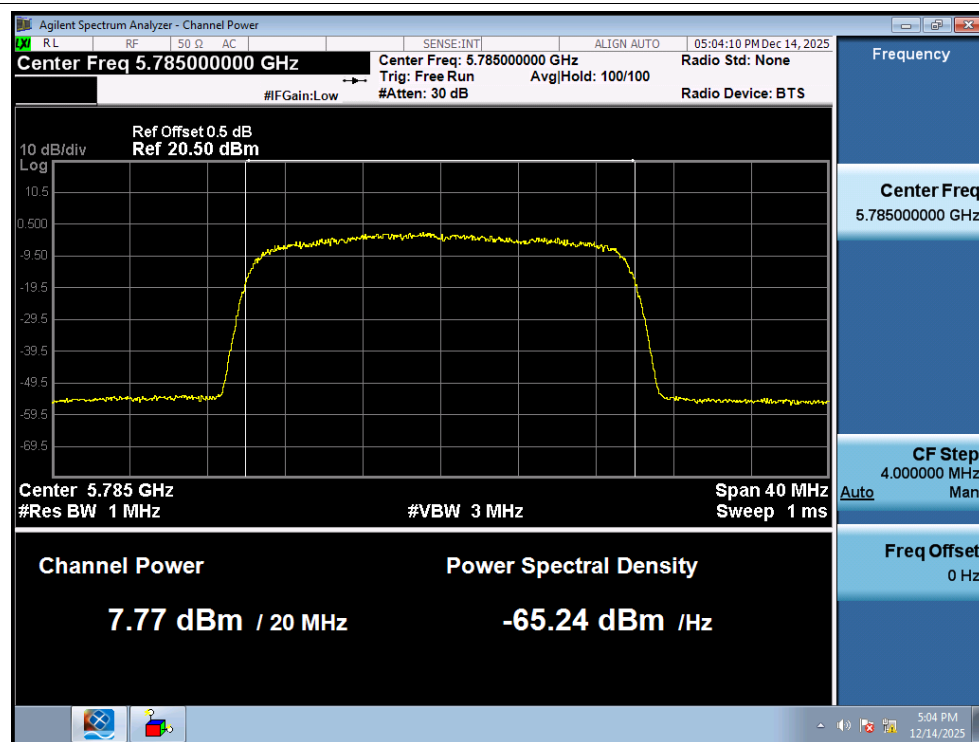
Power NVNT ac80 5775MHz Ant1



Power NVNT ax20 5745MHz Ant1



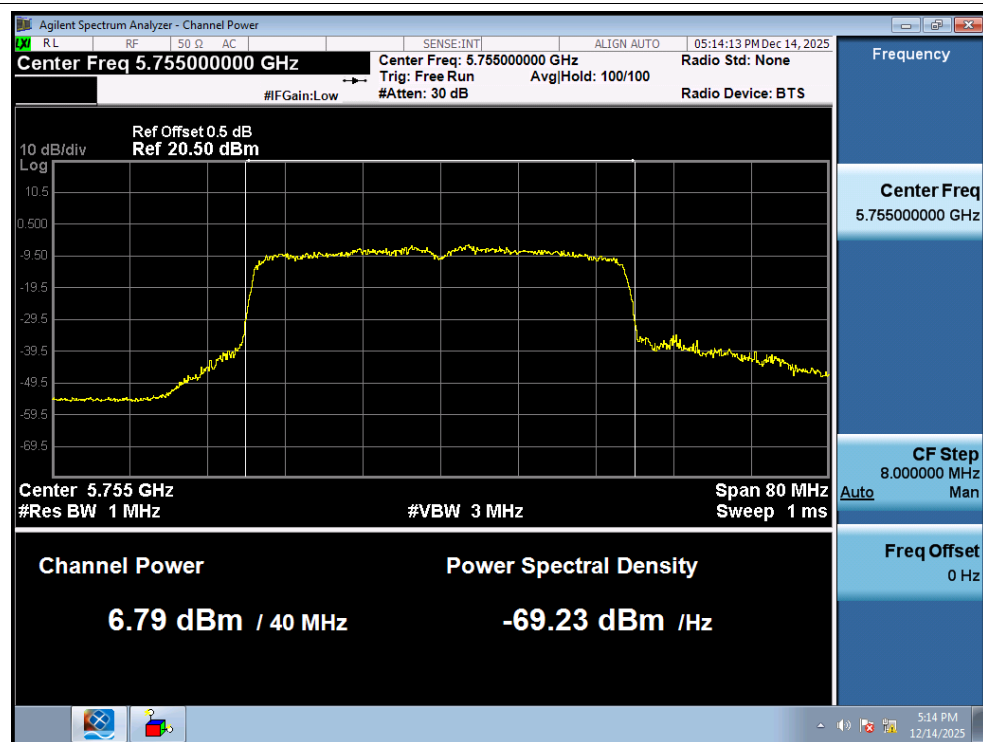
Power NVNT ax20 5785MHz Ant1



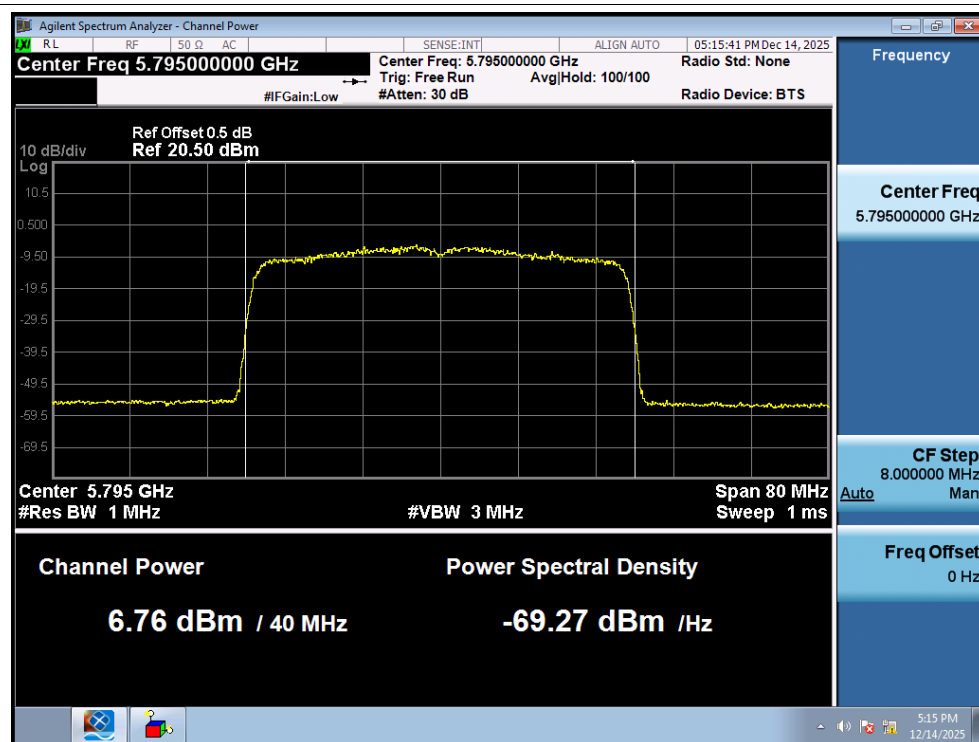
Power NVNT ax20 5825MHz Ant1



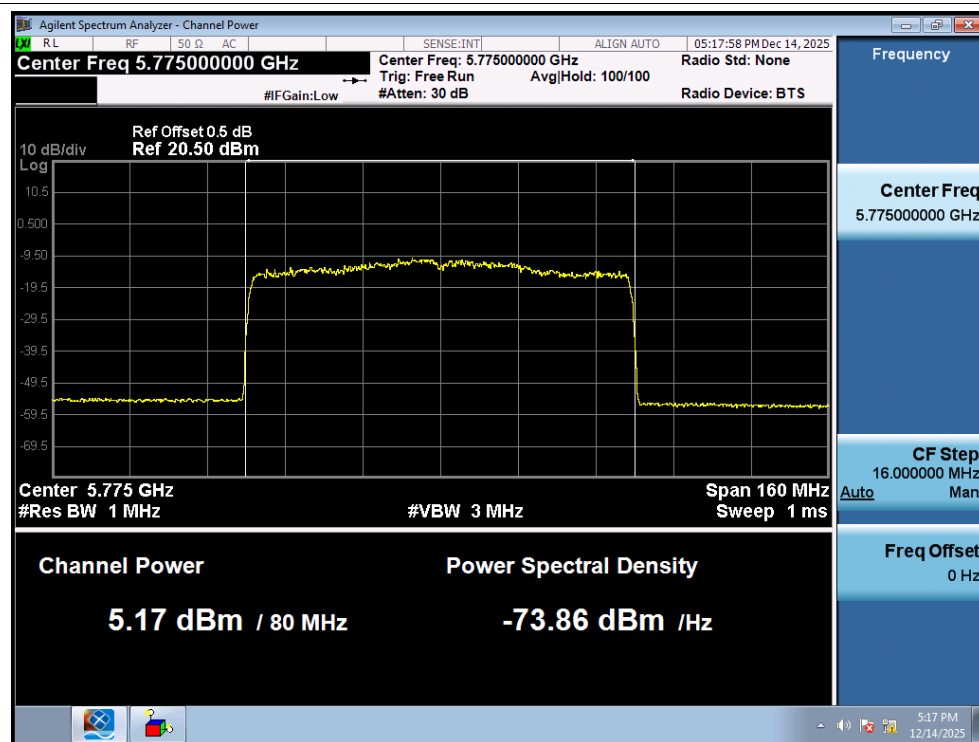
Power NVNT ax40 5755MHz Ant1



Power NVNT ax40 5795MHz Ant1



Power NVNT ax80 5775MHz Ant1

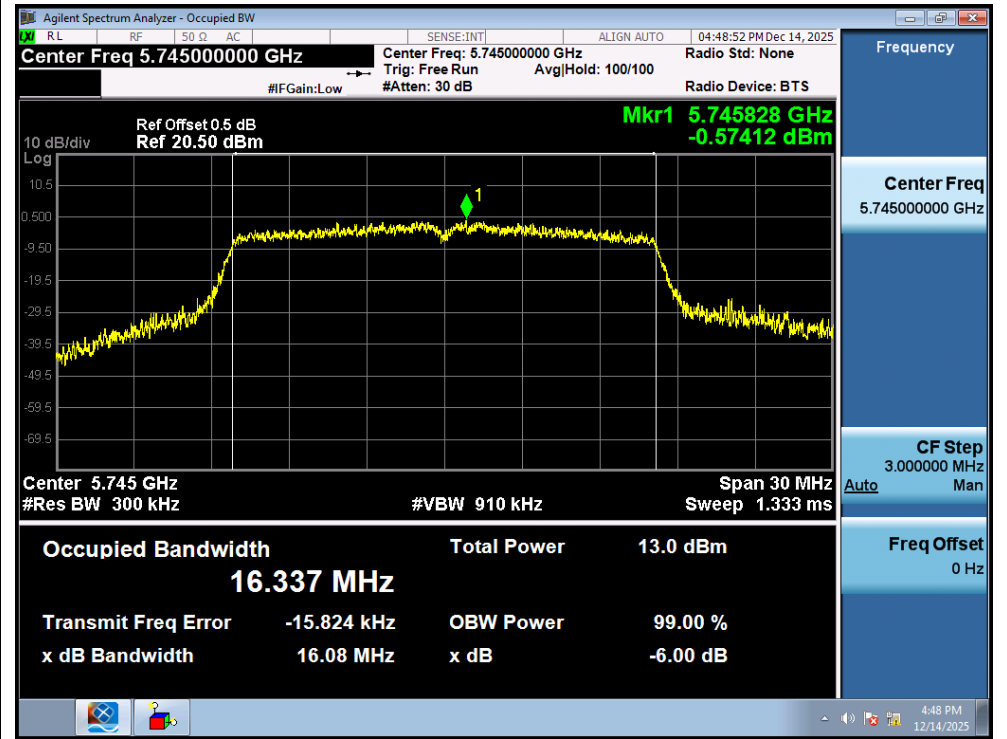


-6dB Bandwidth

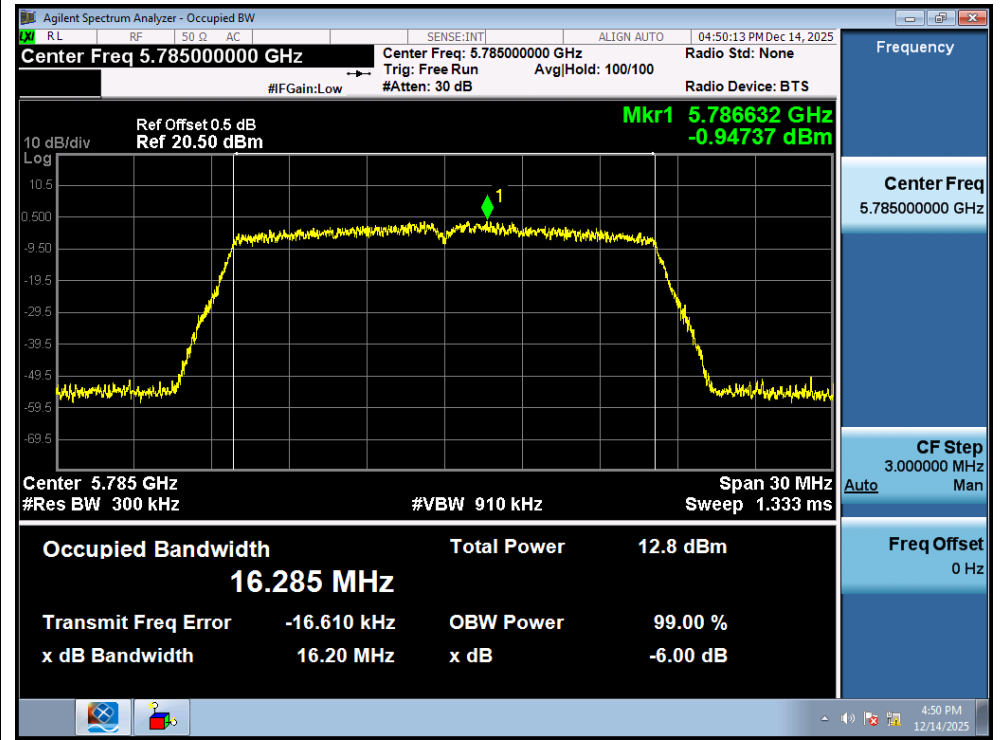
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.079	0.5	Pass
		5785		16.2	0.5	Pass
		5825		16.171	0.5	Pass
	n20	5745		17.254	0.5	Pass
		5785		17.14	0.5	Pass
		5825		17.332	0.5	Pass
	n40	5755		35.258	0.5	Pass
		5795		35.534	0.5	Pass
	ac20	5745		16.589	0.5	Pass
		5785		16.944	0.5	Pass
		5825		16.958	0.5	Pass
	ac40	5755		35.369	0.5	Pass
		5795		35.372	0.5	Pass
	ac80	5775		71.551	0.5	Pass
	ax20	5745		18.405	0.5	Pass
		5785		18.442	0.5	Pass
		5825		18.115	0.5	Pass
	ax40	5755		27.298	0.5	Pass
		5795		37.207	0.5	Pass
	ax80	5775		67.499	0.5	Pass

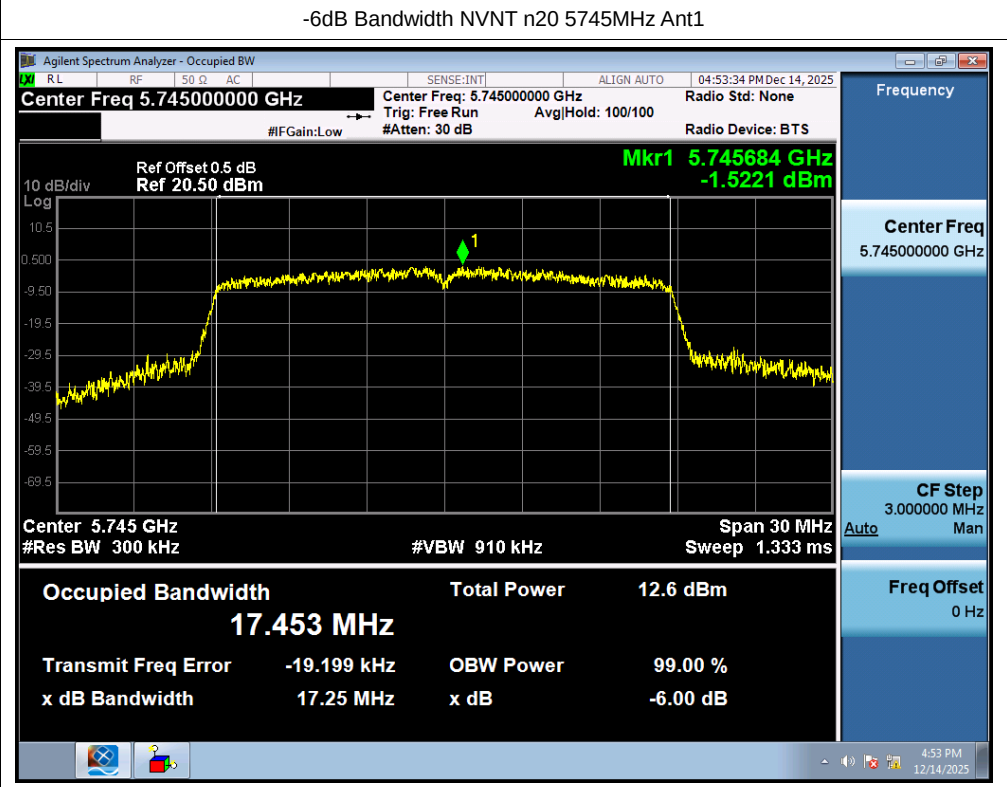
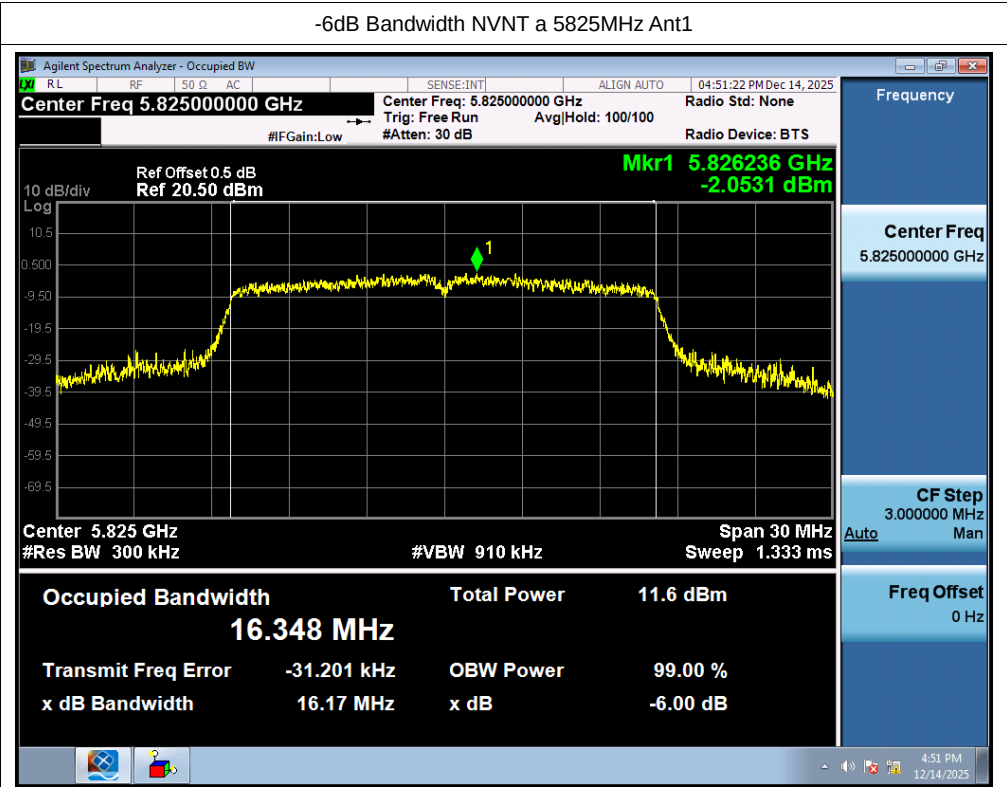
Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

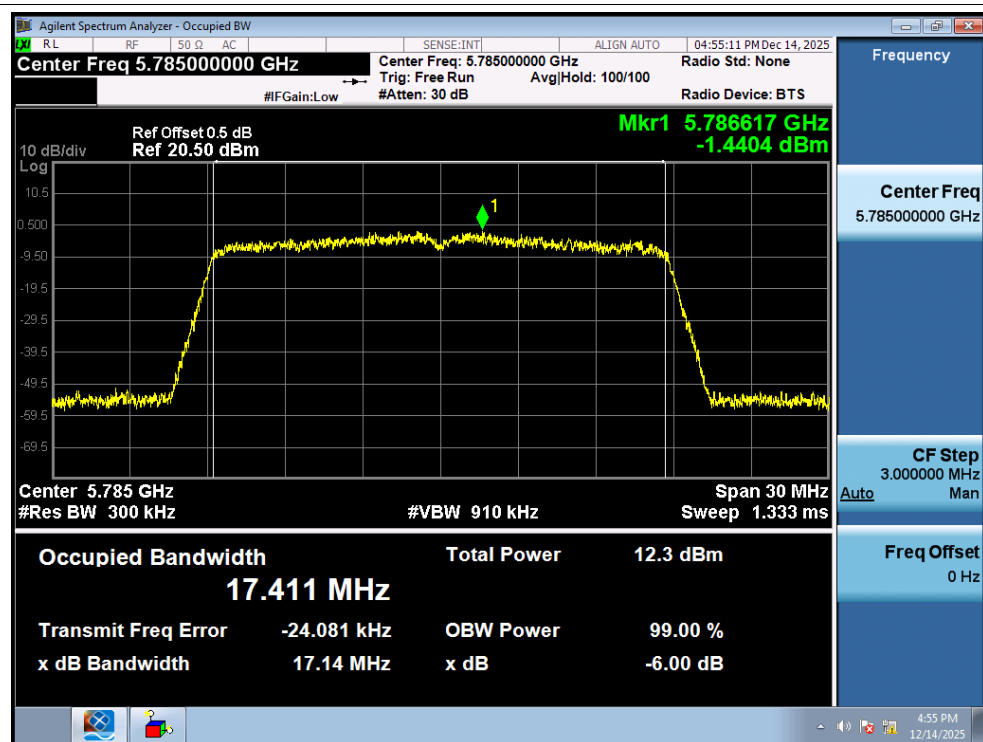


-6dB Bandwidth NVNT a 5785MHz Ant1

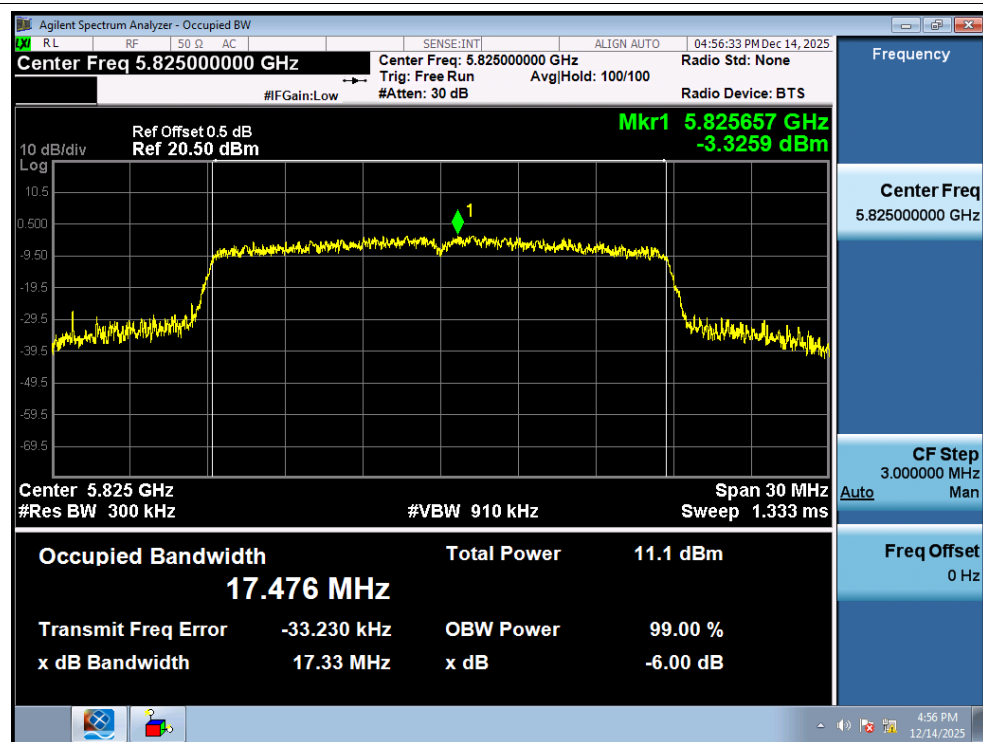




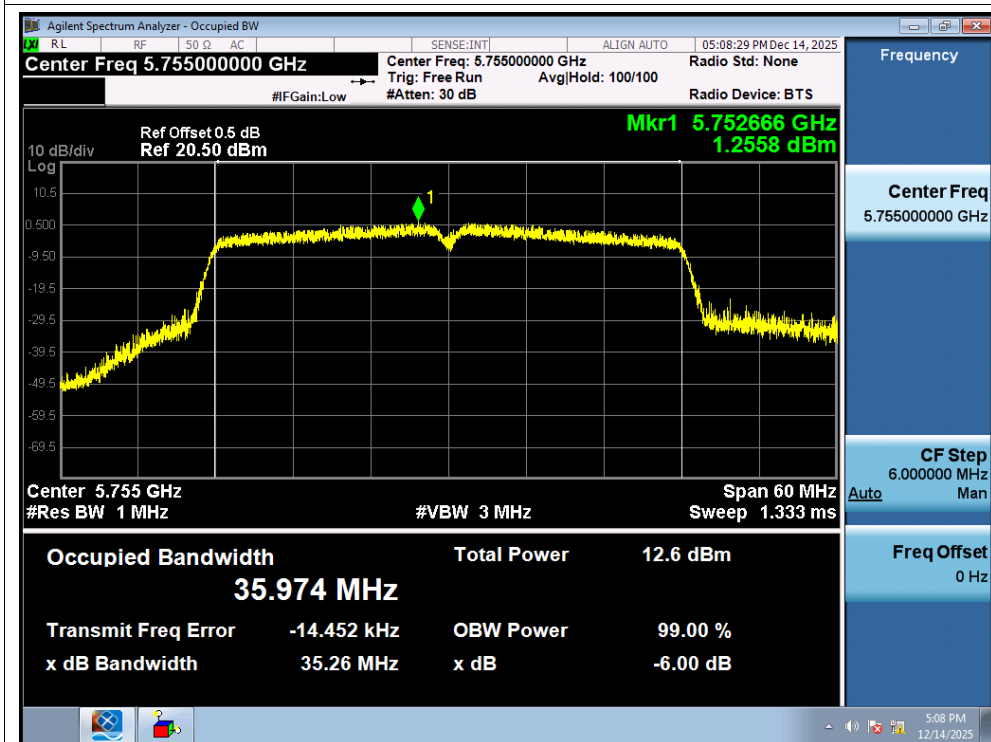
-6dB Bandwidth NVNT n20 5785MHz Ant1



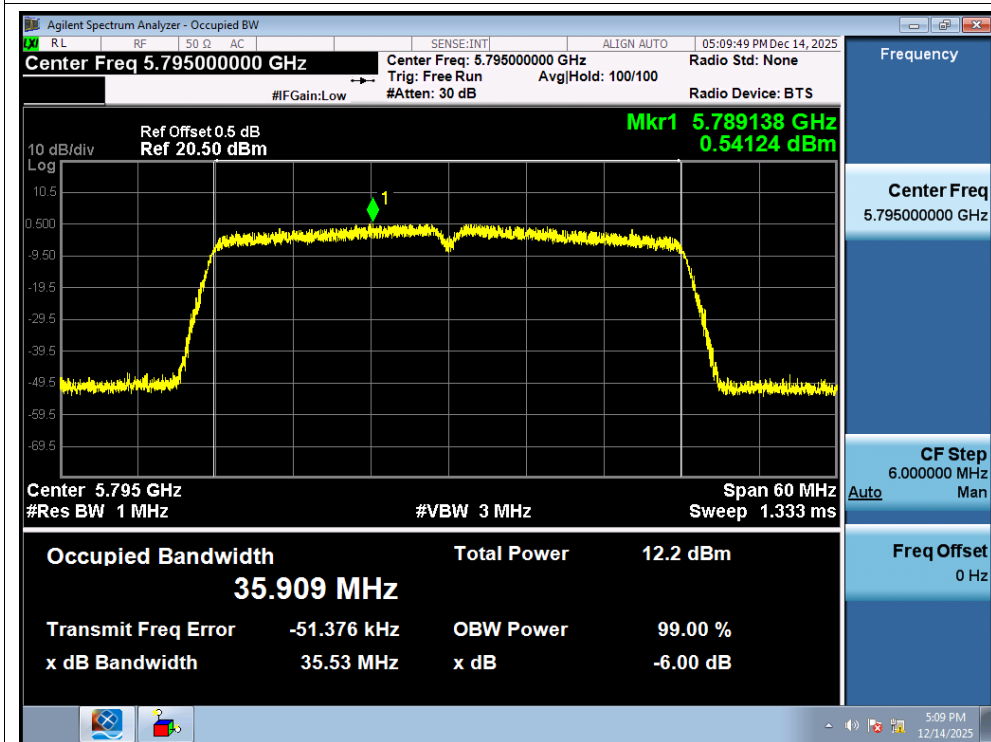
-6dB Bandwidth NVNT n20 5825MHz Ant1



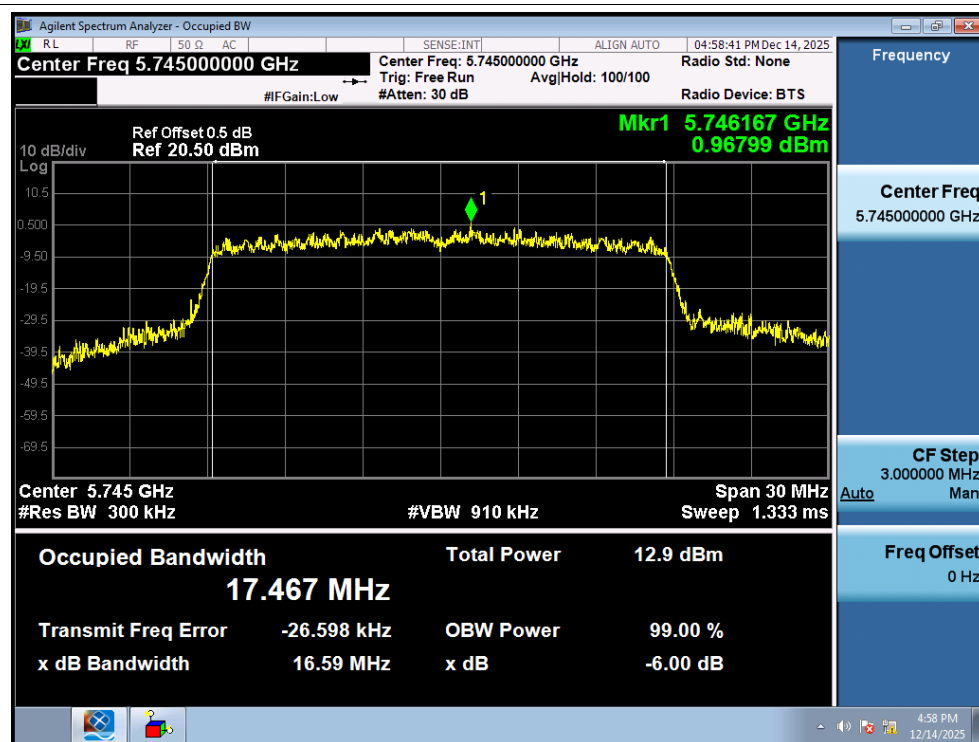
-6dB Bandwidth NVNT n40 5755MHz Ant1



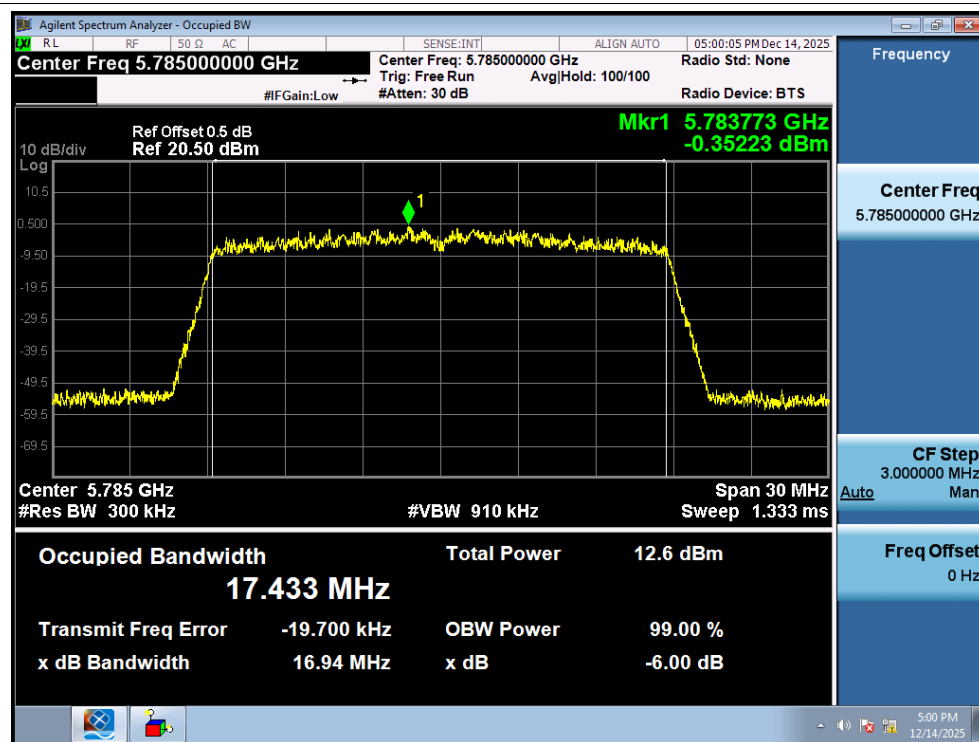
-6dB Bandwidth NVNT n40 5795MHz Ant1



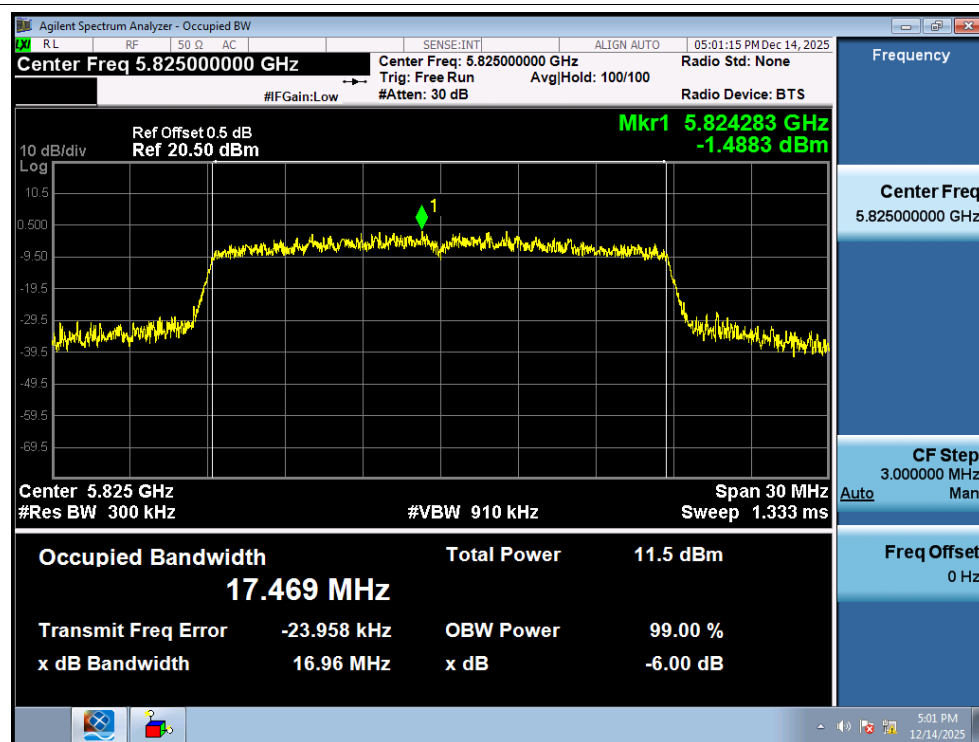
-6dB Bandwidth NVNT ac20 5745MHz Ant1



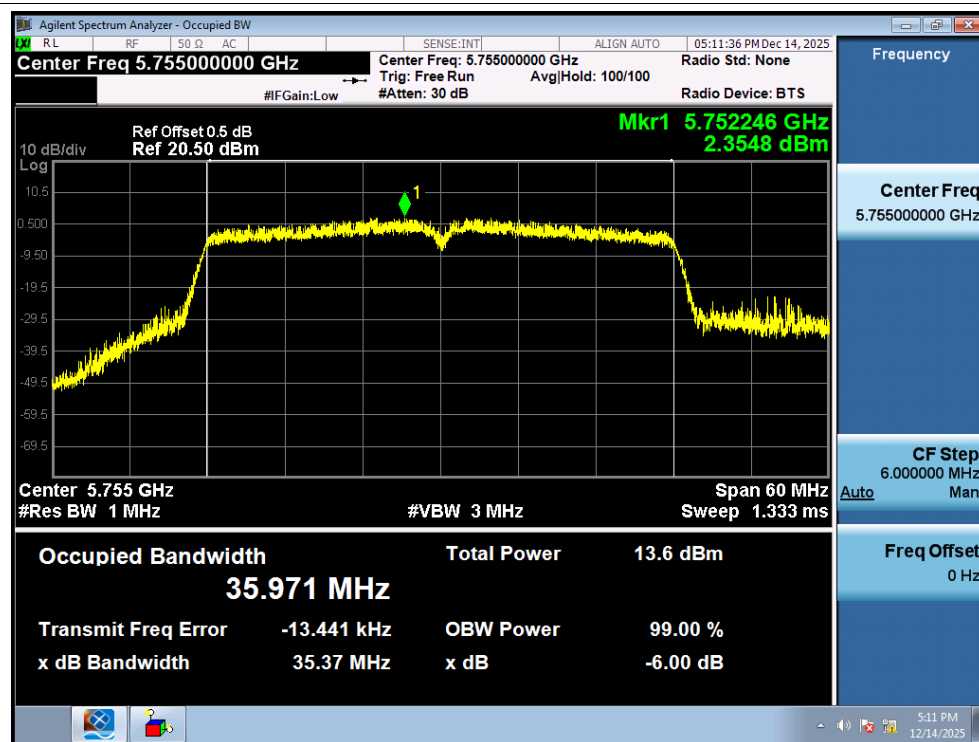
-6dB Bandwidth NVNT ac20 5785MHz Ant1



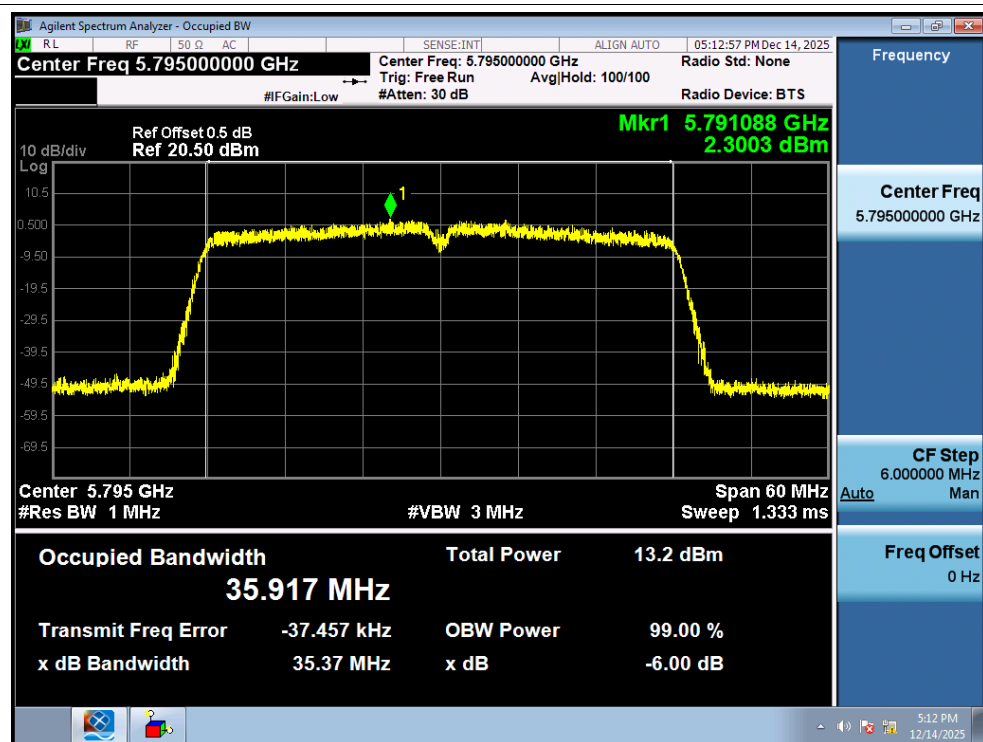
-6dB Bandwidth NVNT ac20 5825MHz Ant1



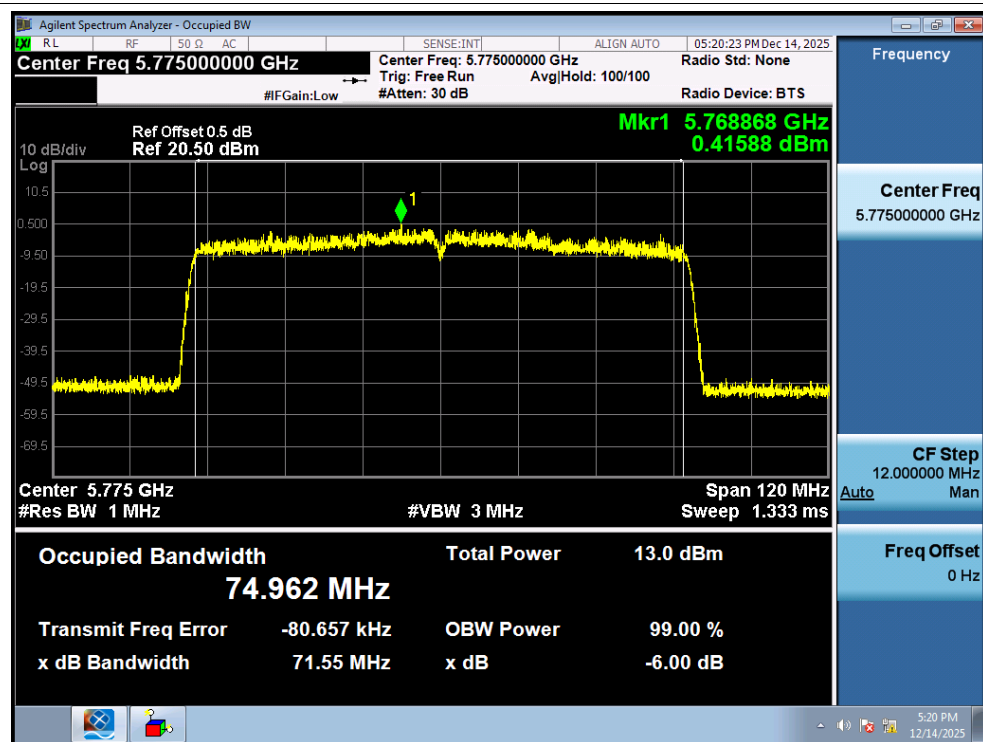
-6dB Bandwidth NVNT ac40 5755MHz Ant1



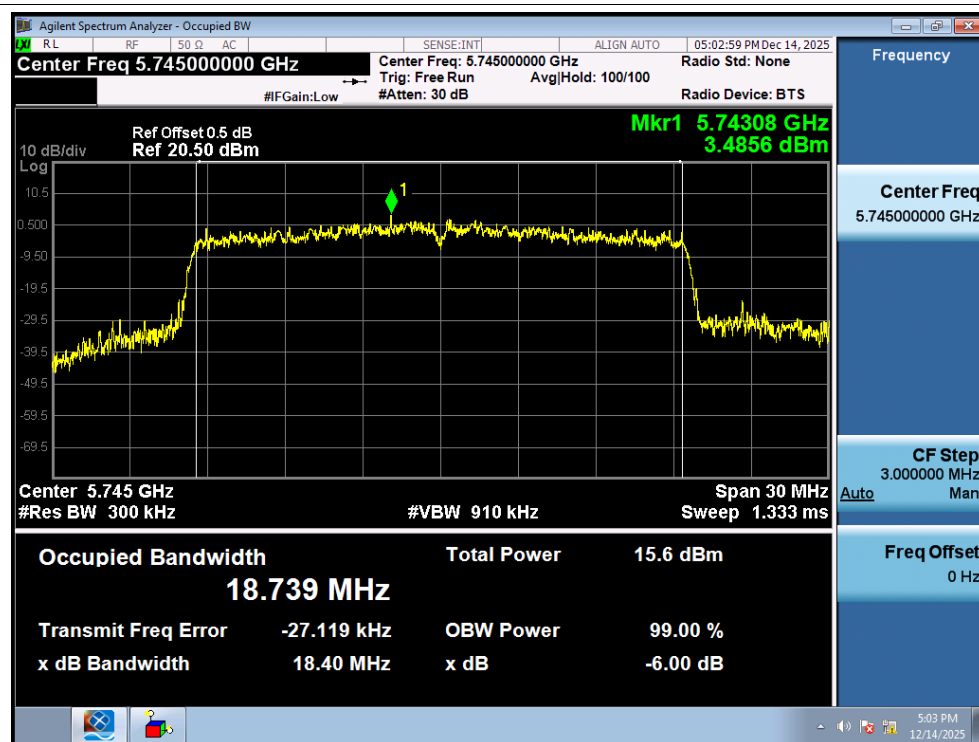
-6dB Bandwidth NVNT ac40 5795MHz Ant1



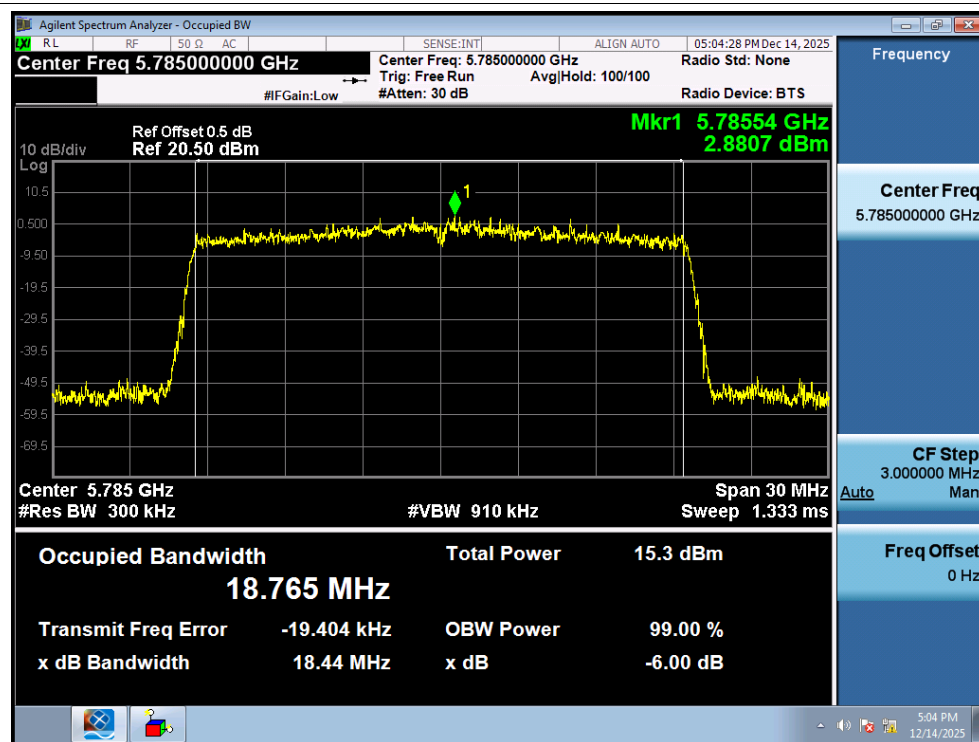
-6dB Bandwidth NVNT ac80 5775MHz Ant1



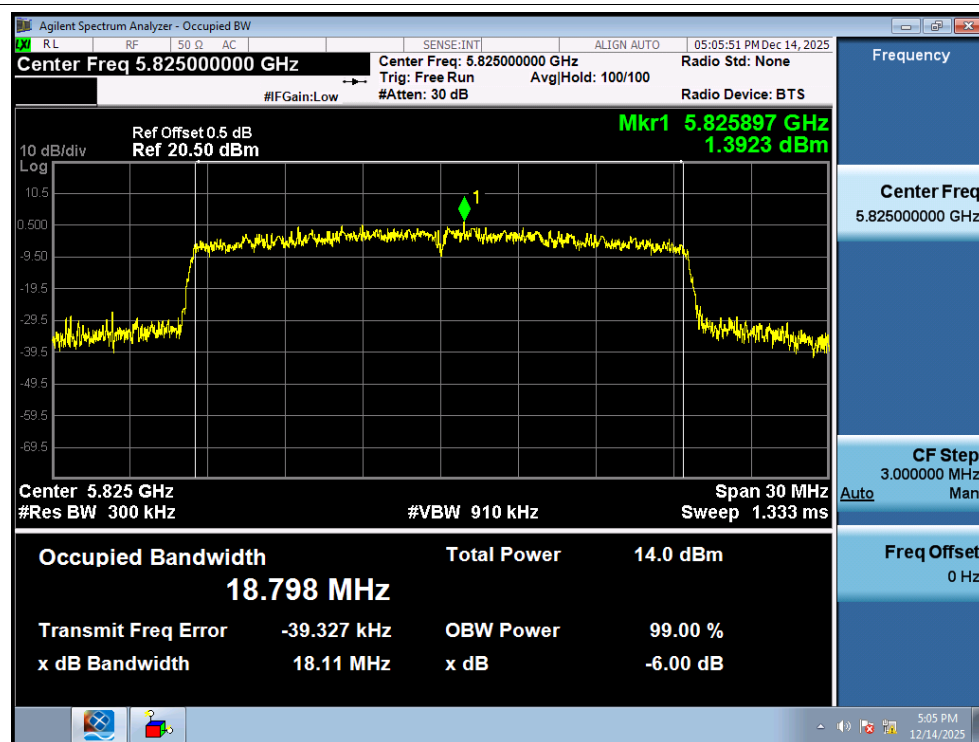
-6dB Bandwidth NVNT ax20 5745MHz Ant1



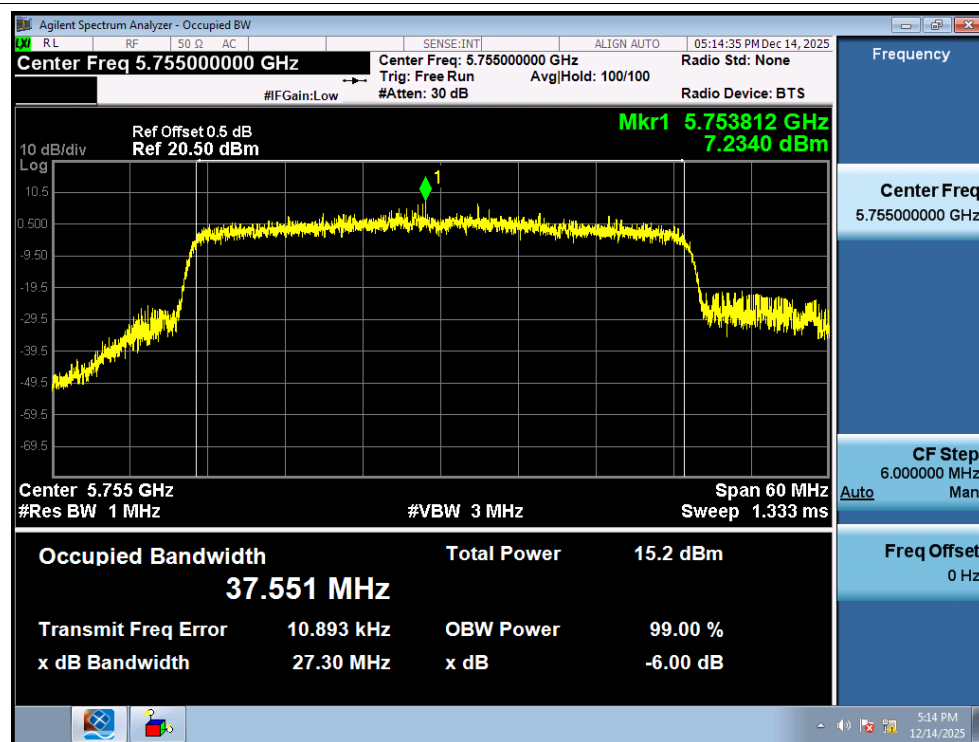
-6dB Bandwidth NVNT ax20 5785MHz Ant1



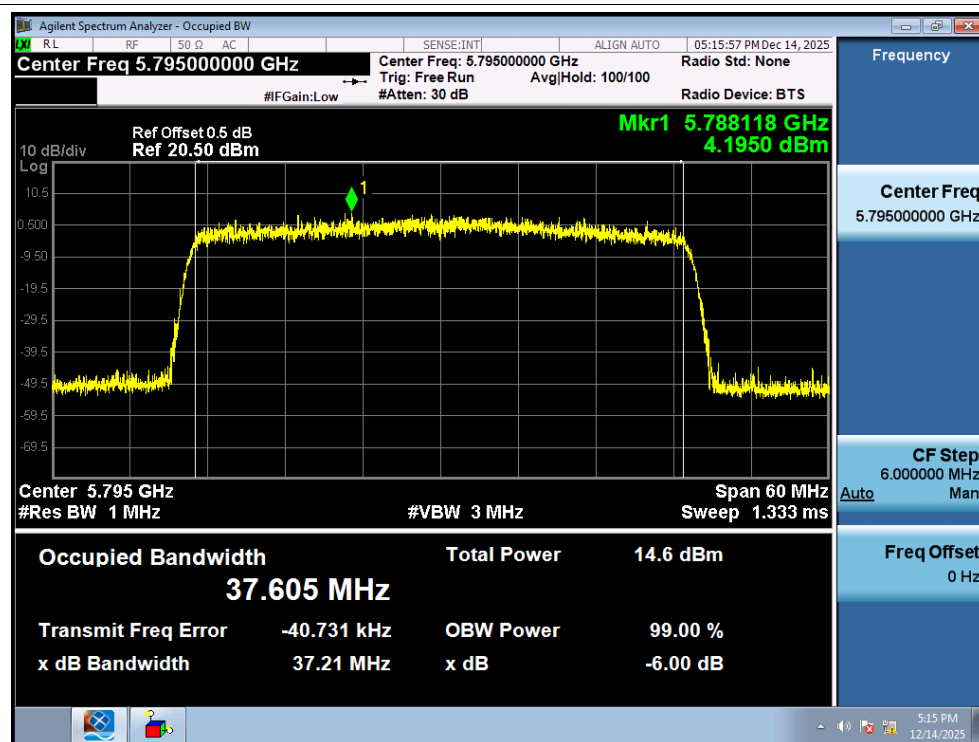
-6dB Bandwidth NVNT ax20 5825MHz Ant1



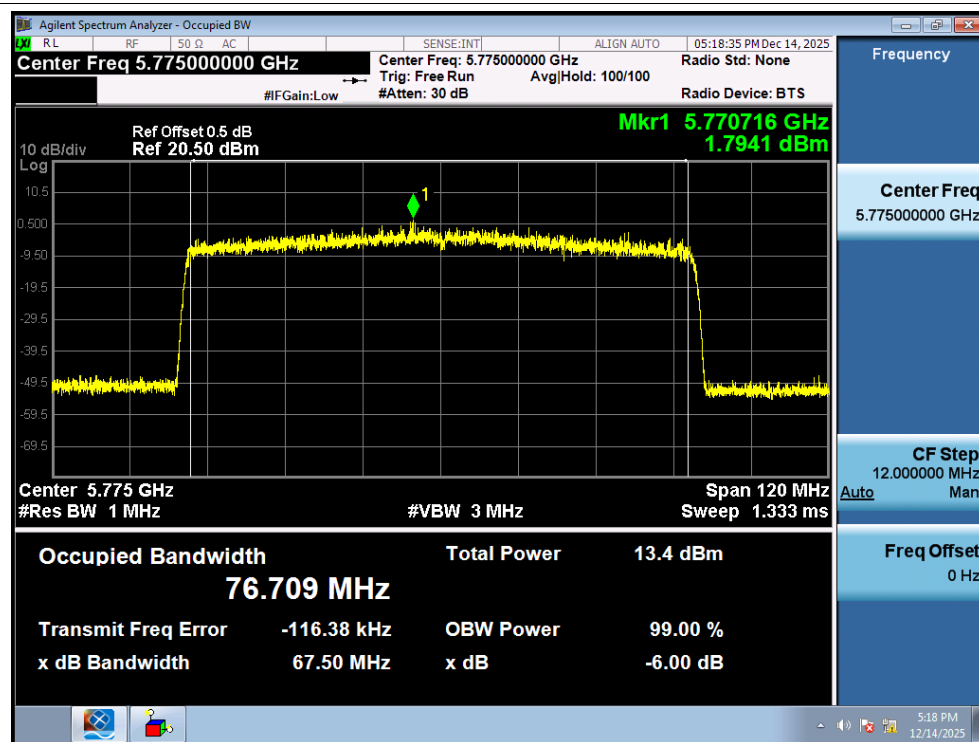
-6dB Bandwidth NVNT ax40 5755MHz Ant1



-6dB Bandwidth NVNT ax40 5795MHz Ant1



-6dB Bandwidth NVNT ax80 5775MHz Ant1

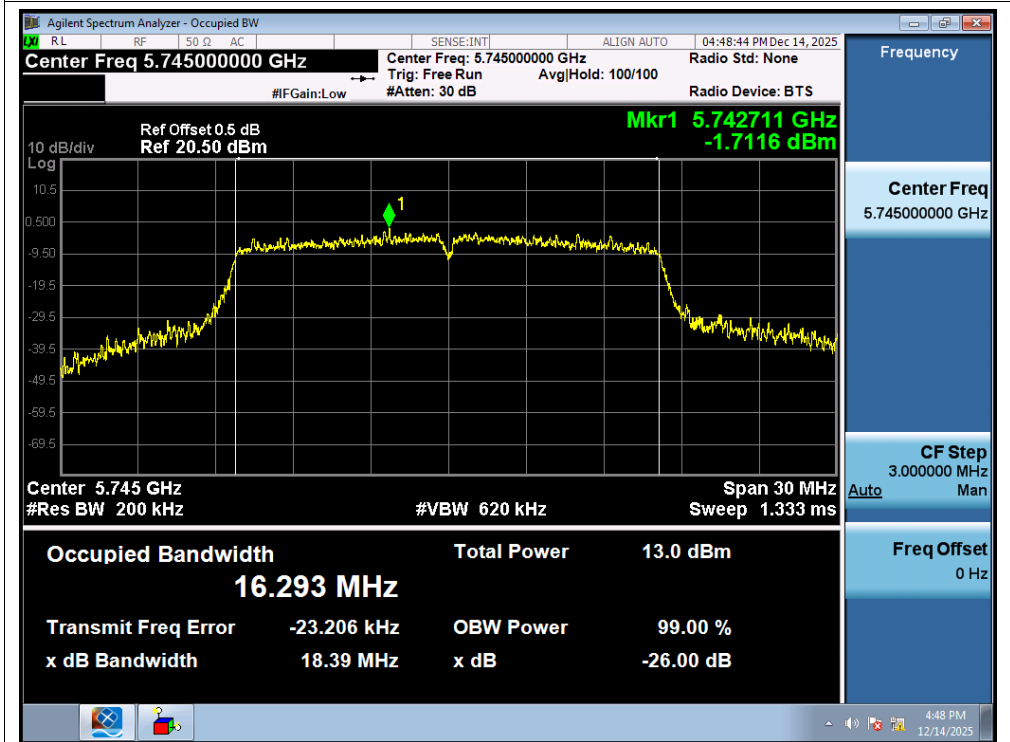


Occupied Channel Bandwidth

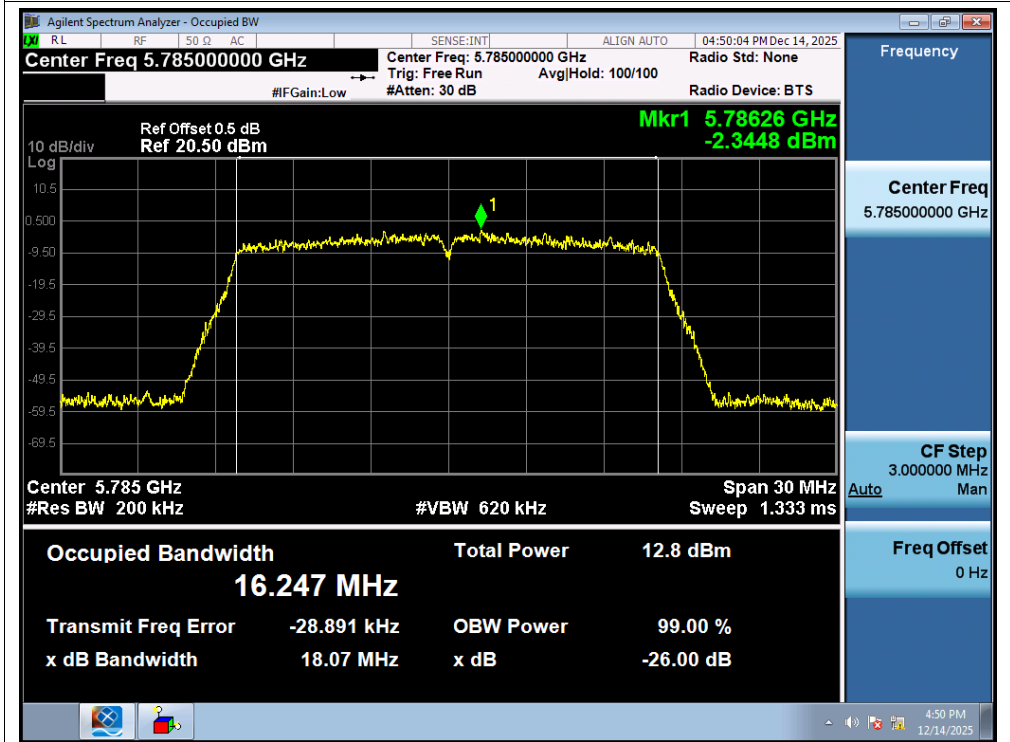
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.293
		5785		16.247
		5825		16.315
	n20	5745		17.43
		5785		17.378
		5825		17.426
	n40	5755		35.846
		5795		35.775
	ac20	5745		17.45
		5785		17.377
		5825		17.466
	ac40	5755		35.87
		5795		35.823
	ac80	5775		75
	ax20	5745		18.78
		5785		18.738
		5825		18.746
	ax40	5755		37.572
		5795		37.509
	ax80	5775		76.682

Test Graphs

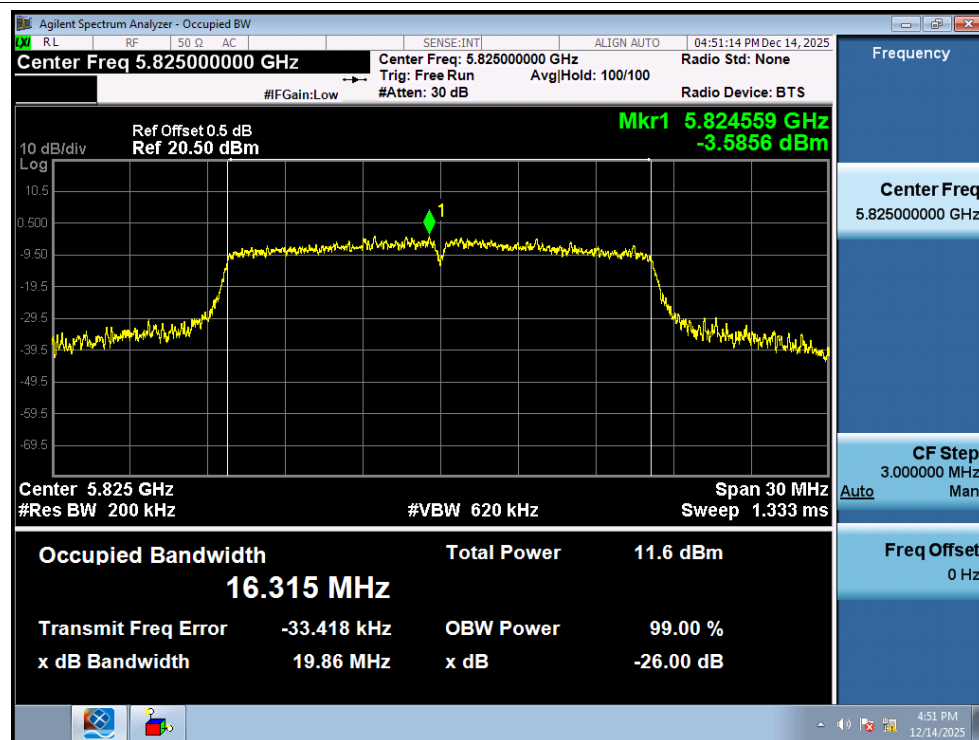
OBW NVNT a 5745MHz Ant1



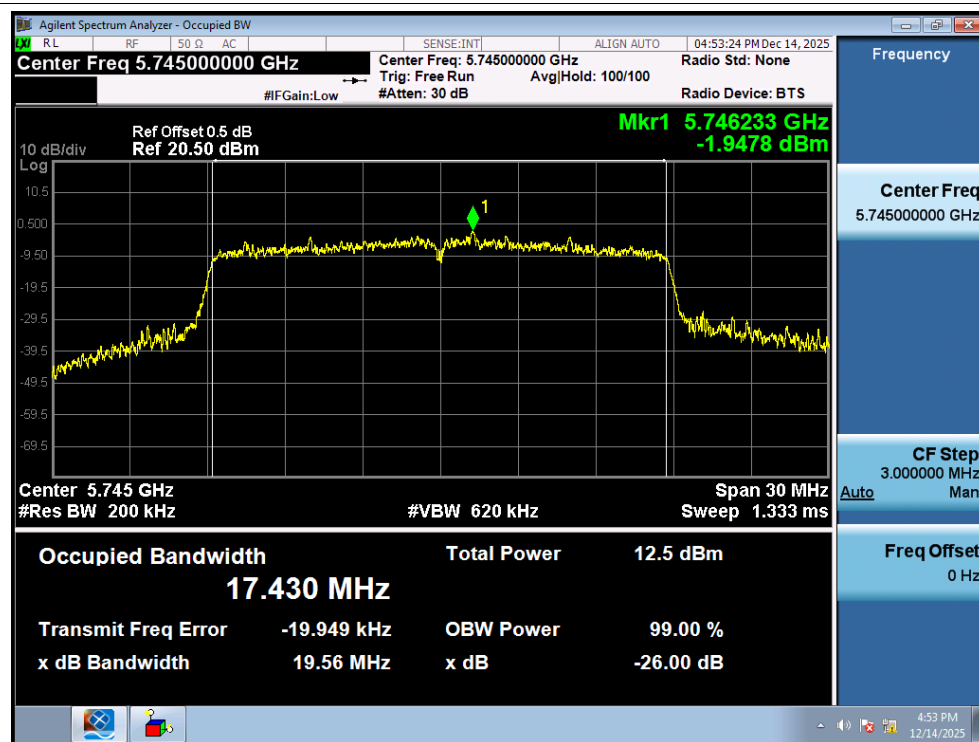
OBW NVNT a 5785MHz Ant1



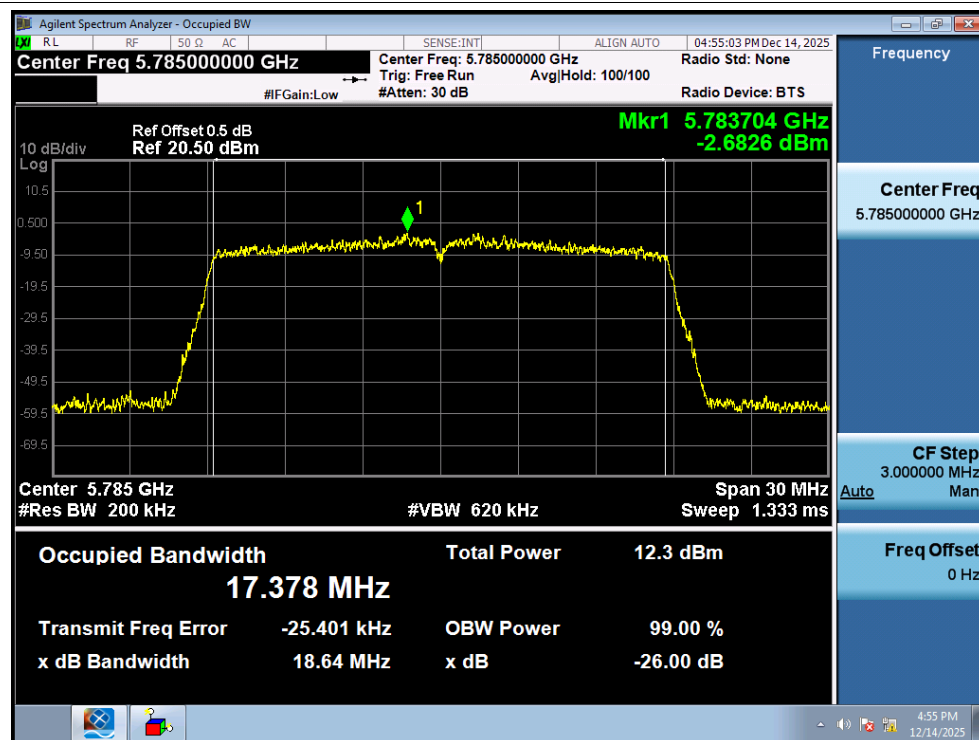
OBW NVNT a 5825MHz Ant1



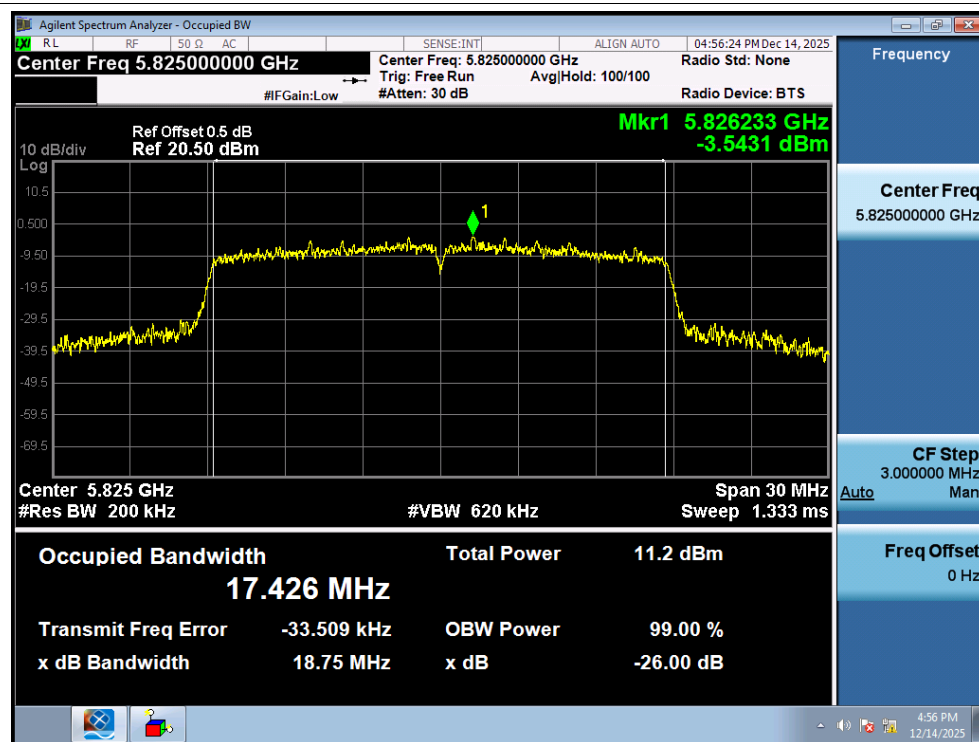
OBW NVNT n20 5745MHz Ant1



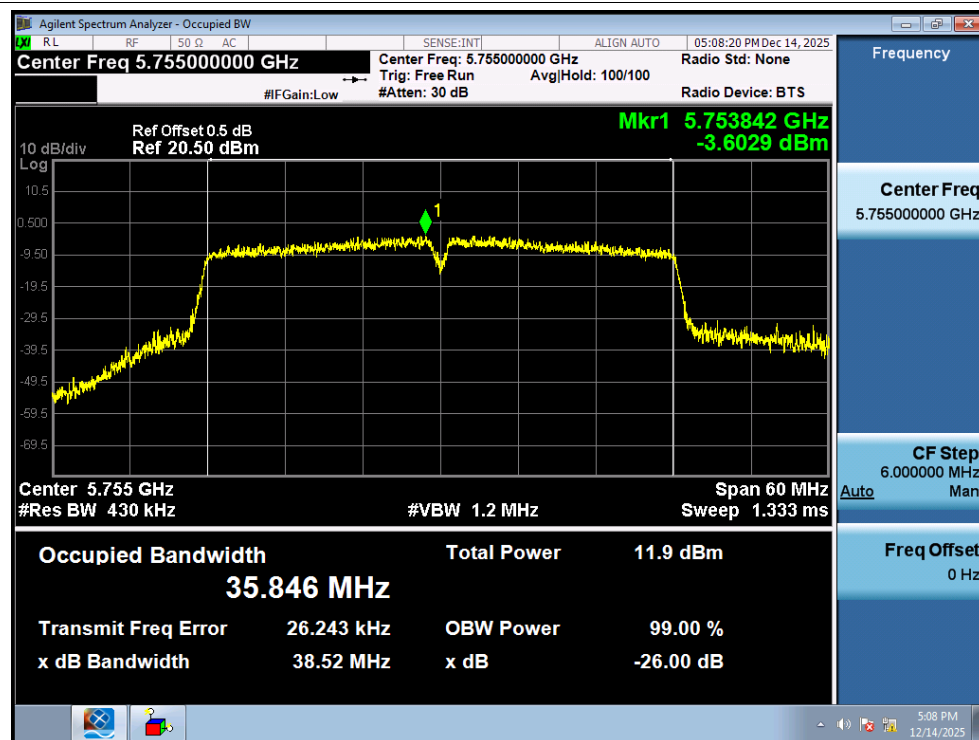
OBW NVNT n20 5785MHz Ant1



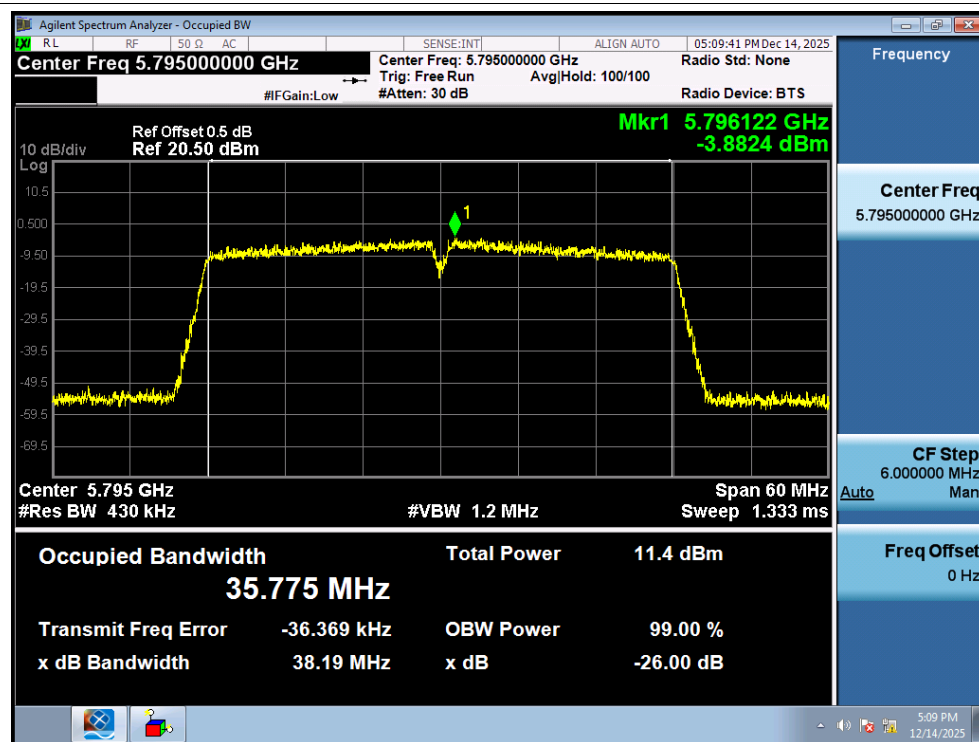
OBW NVNT n20 5825MHz Ant1



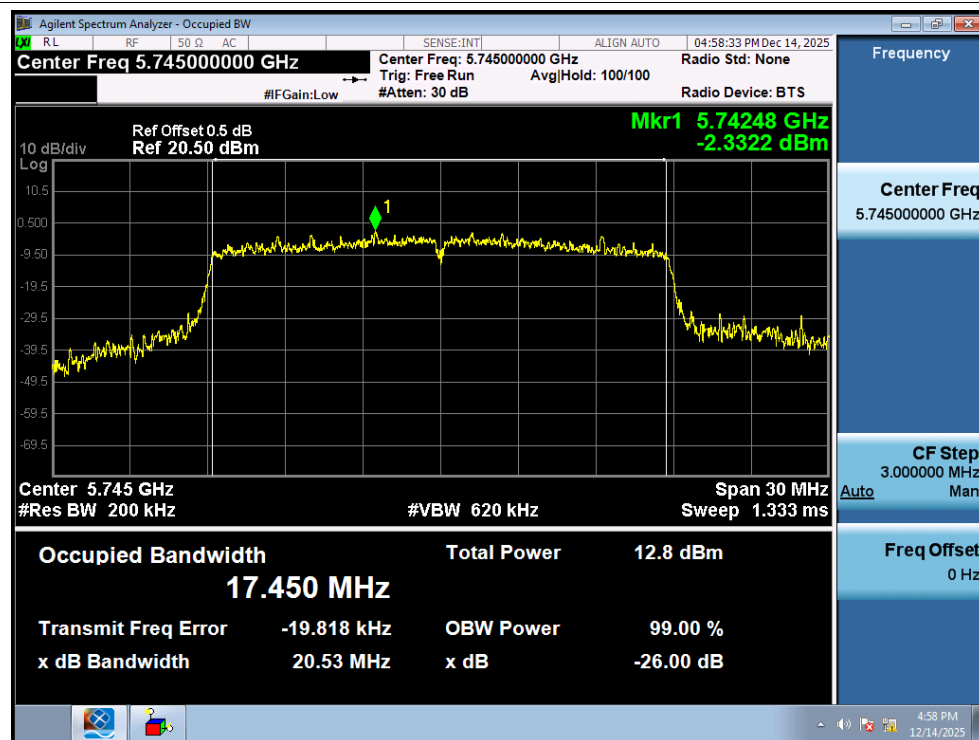
OBW NVNT n40 5755MHz Ant1



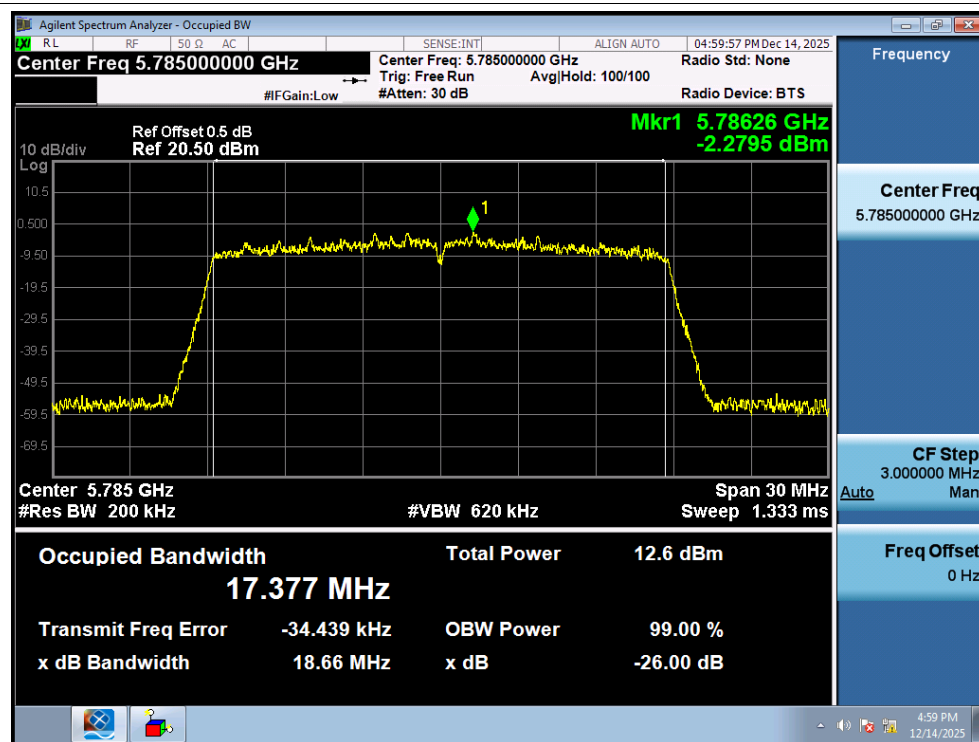
OBW NVNT n40 5795MHz Ant1



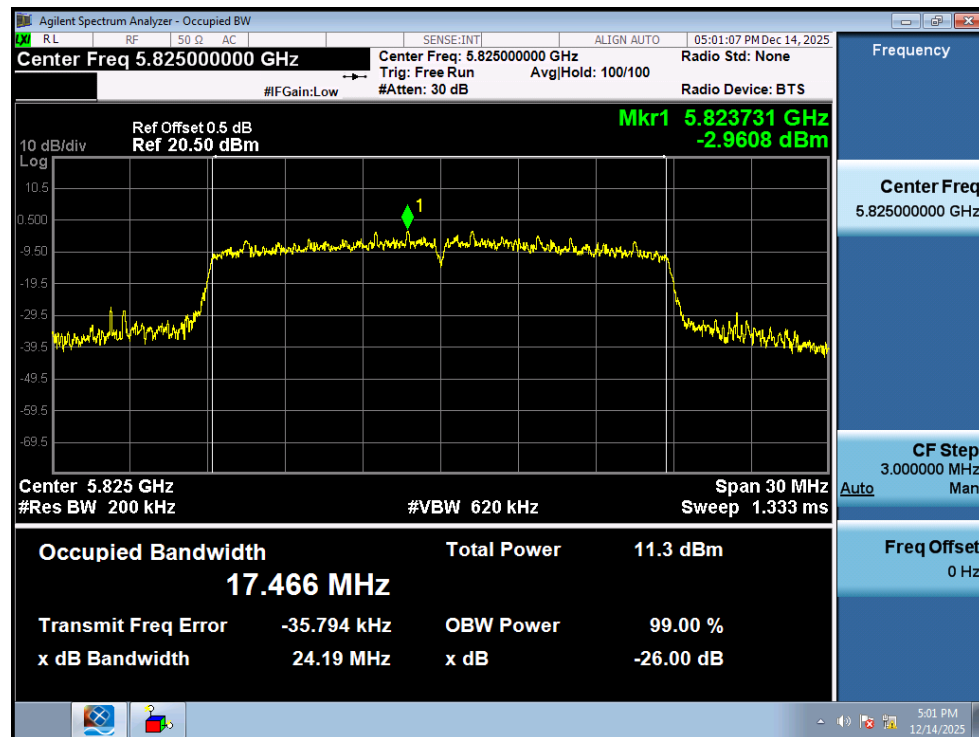
OBW NVNT ac20 5745MHz Ant1



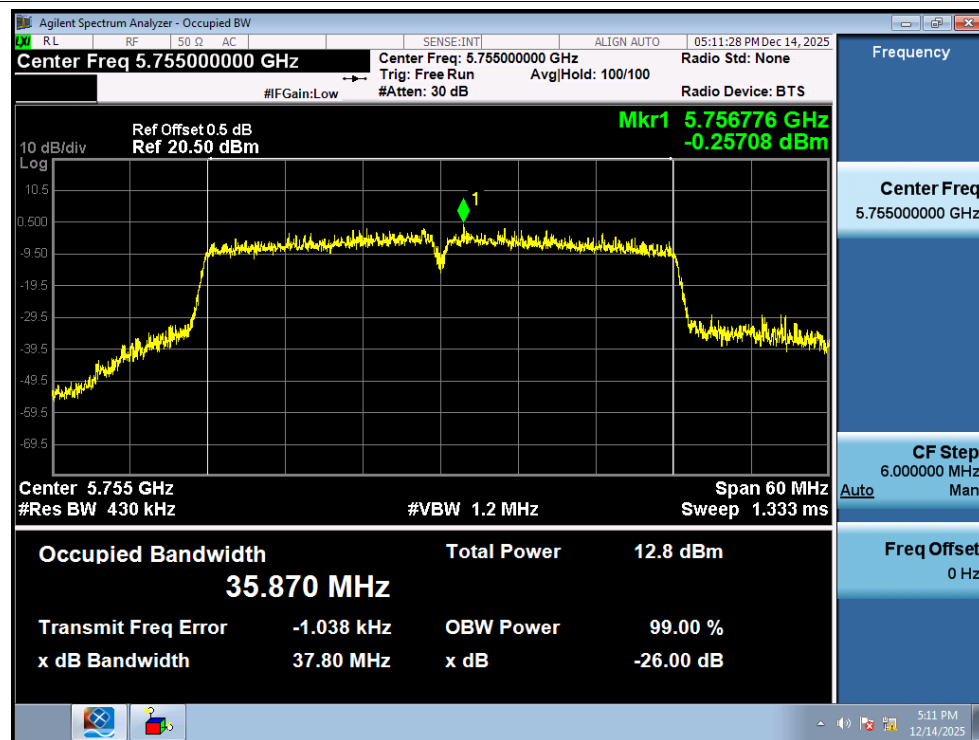
OBW NVNT ac20 5785MHz Ant1



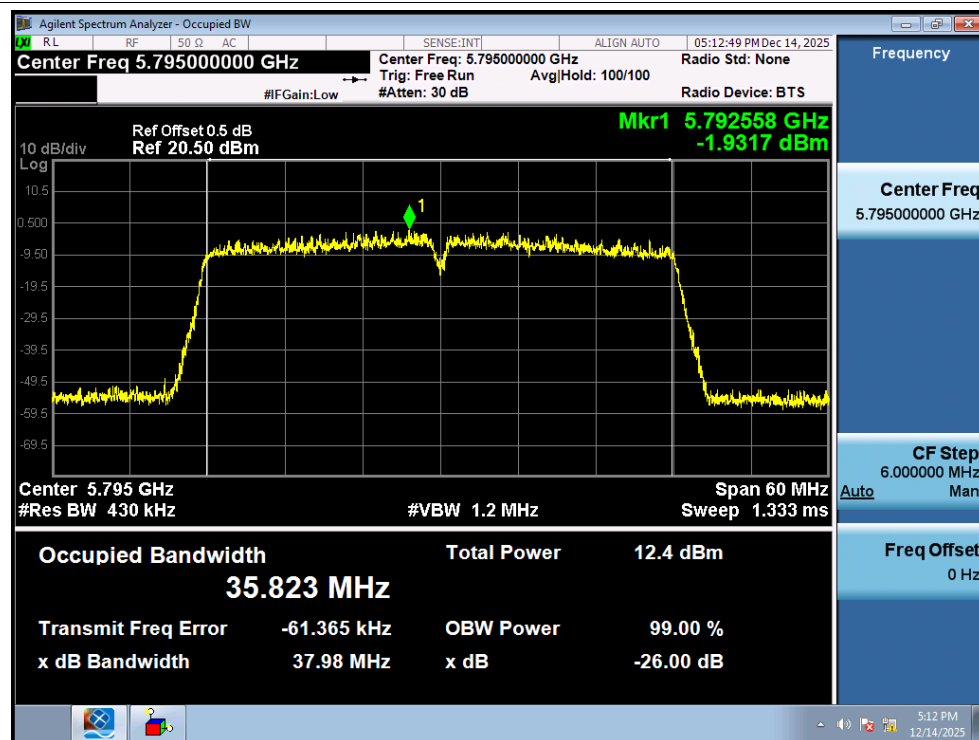
OBW NVNT ac20 5825MHz Ant1



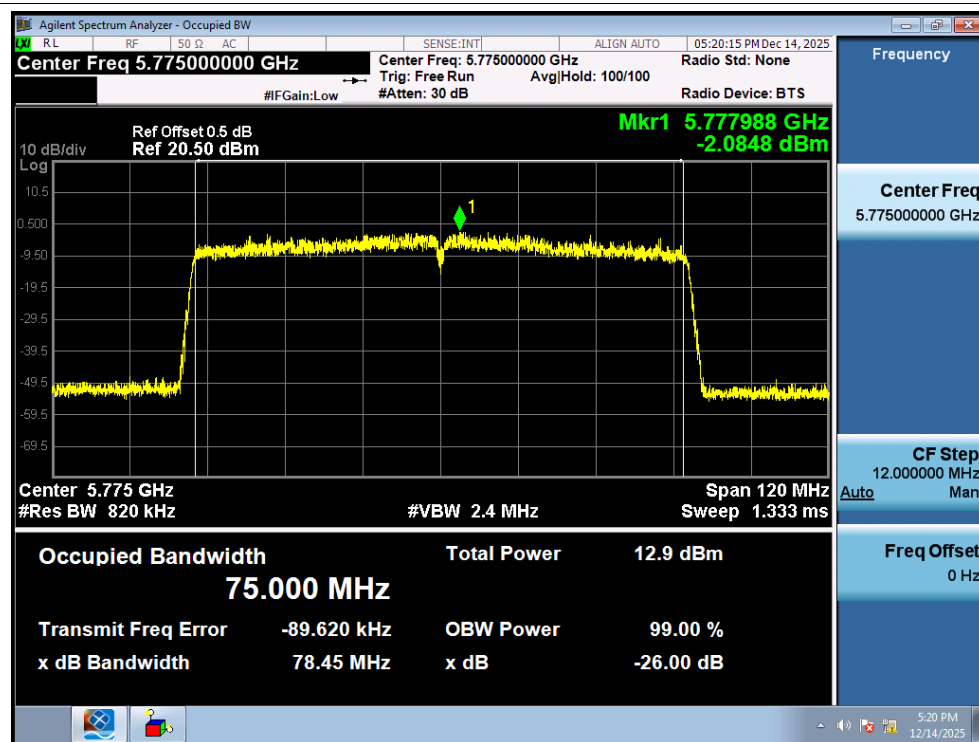
OBW NVNT ac40 5755MHz Ant1



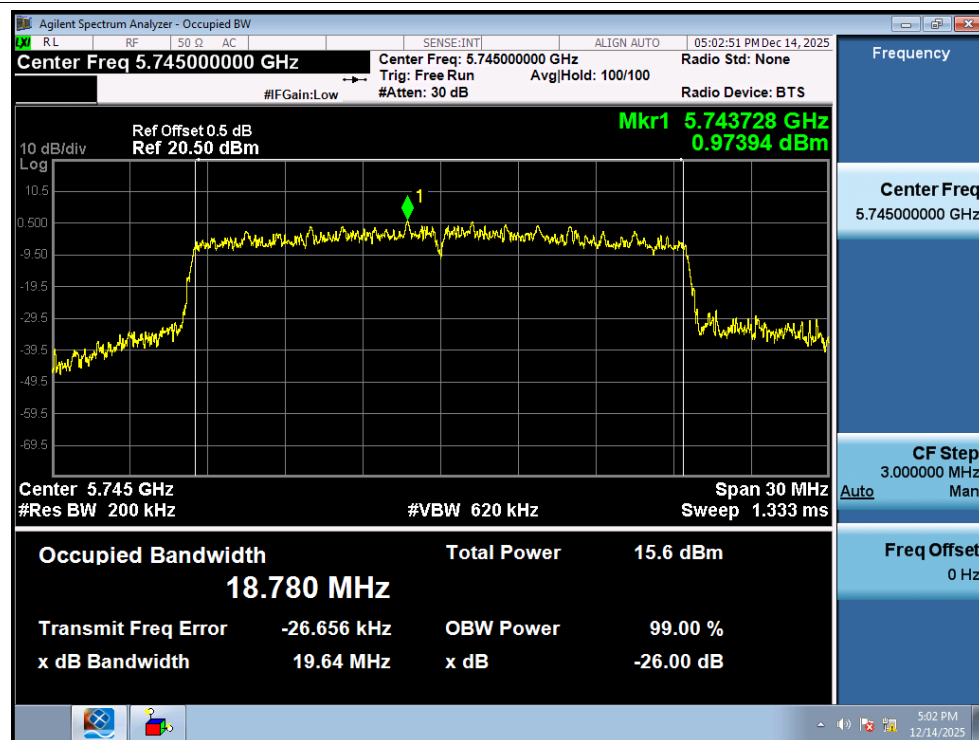
OBW NVNT ac40 5795MHz Ant1



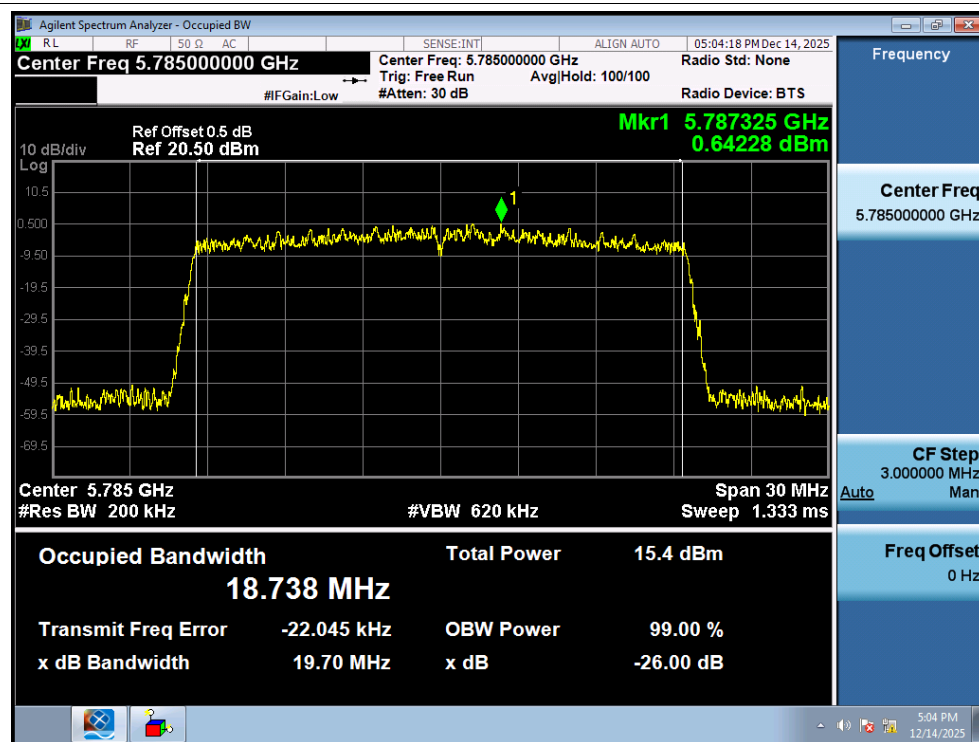
OBW NVNT ac80 5775MHz Ant1

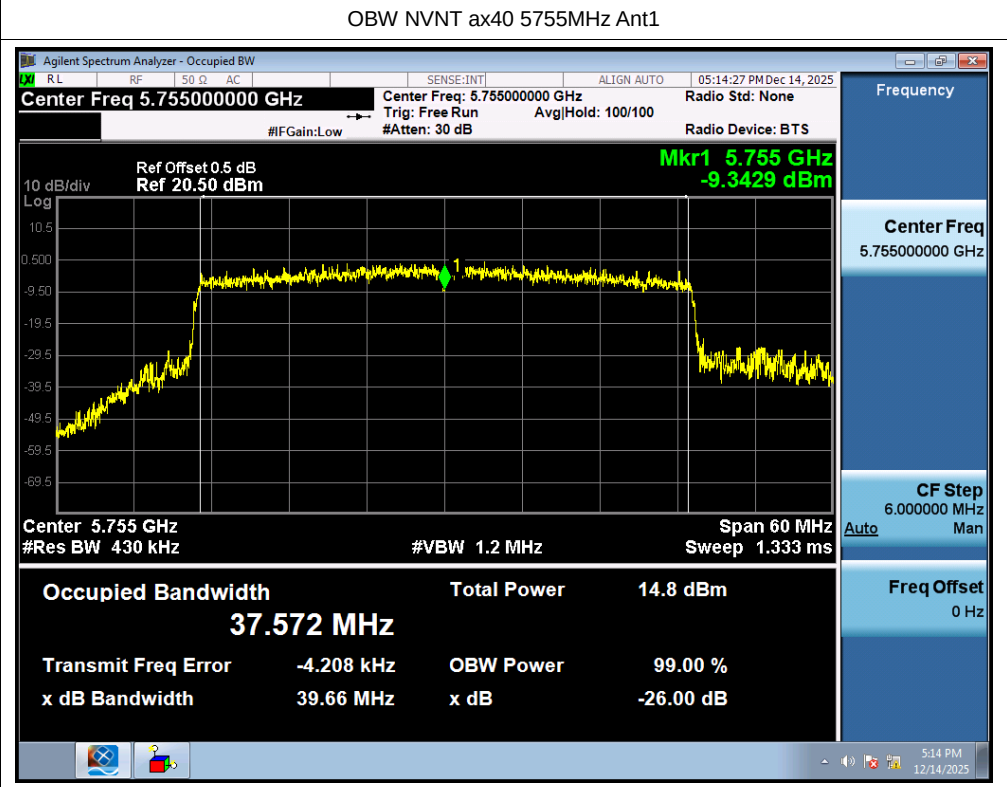
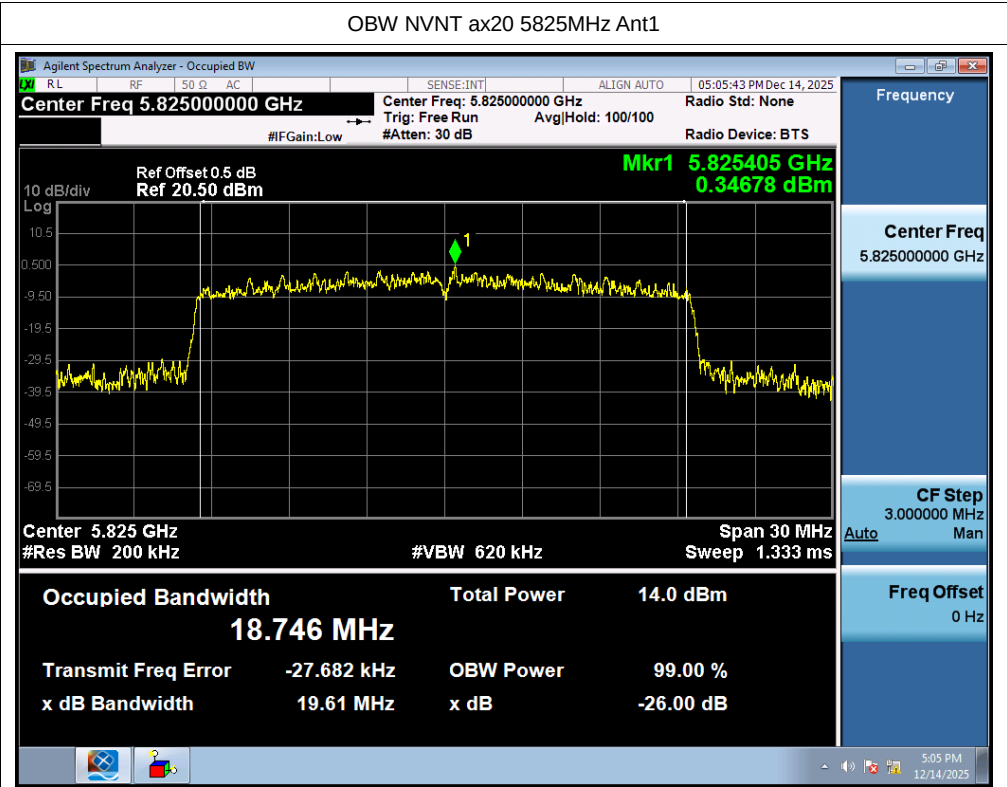


OBW NVNT ax20 5745MHz Ant1

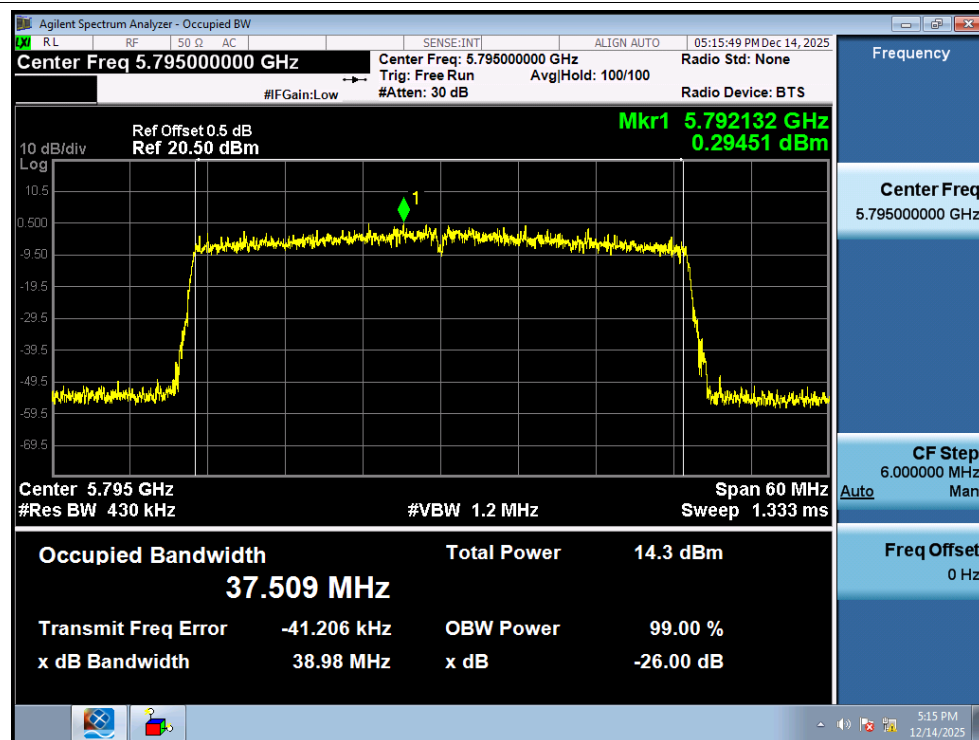


OBW NVNT ax20 5785MHz Ant1

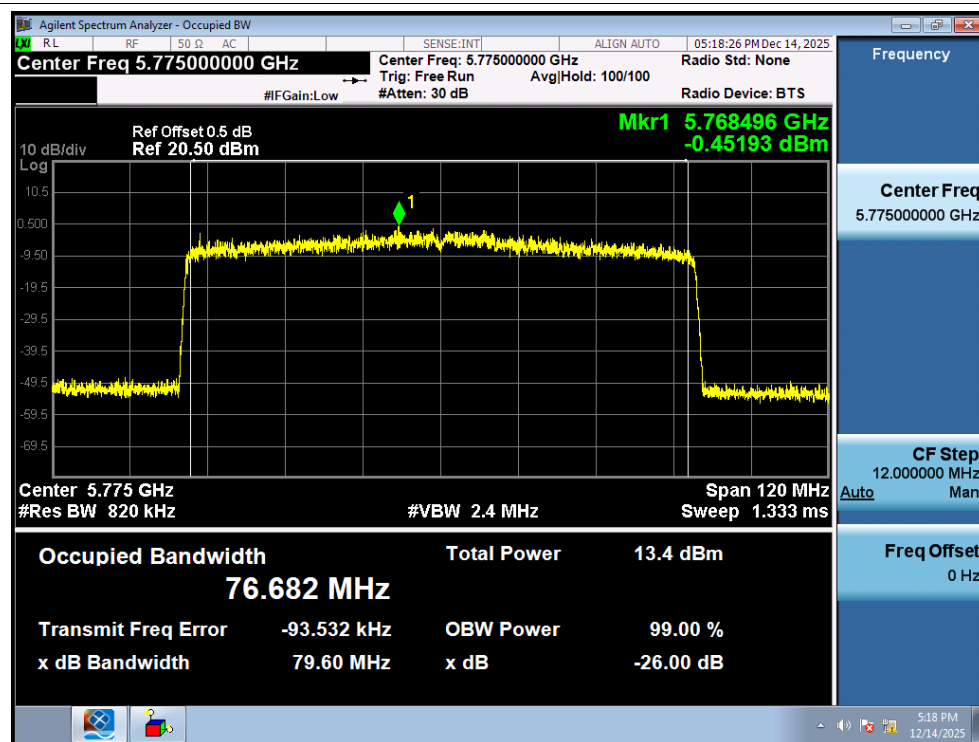




OBW NVNT ax40 5795MHz Ant1



OBW NVNT ax80 5775MHz Ant1



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/510KHz)	Duty Factor (dB)	Total PSD (dBm/510KHz)	Total PSD (dBm/500KHz)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-5.6	0.09	-5.51	-5.596	30	Pass
NVNT	a	5785	Ant1	-5.86	0.09	-5.77	-5.856	30	Pass
NVNT	a	5825	Ant1	-7.07	0.09	-6.98	-7.066	30	Pass
NVNT	n20	5745	Ant1	-6.64	0.09	-6.55	-6.636	30	Pass
NVNT	n20	5785	Ant1	-6.93	0.09	-6.84	-6.926	30	Pass
NVNT	n20	5825	Ant1	-8.29	0.09	-8.2	-8.286	30	Pass
NVNT	n40	5755	Ant1	-10.64	0.26	-10.38	-10.466	30	Pass
NVNT	n40	5795	Ant1	-11.59	0.26	-11.33	-11.416	30	Pass
NVNT	ac20	5745	Ant1	-6.62	0.09	-6.53	-6.616	30	Pass
NVNT	ac20	5785	Ant1	-7.69	0.09	-7.6	-7.686	30	Pass
NVNT	ac20	5825	Ant1	-8.05	0.09	-7.96	-8.046	30	Pass
NVNT	ac40	5755	Ant1	-11.08	0.2	-10.88	-10.966	30	Pass
NVNT	ac40	5795	Ant1	-11.88	0.2	-11.68	-11.766	30	Pass
NVNT	ac80	5775	Ant1	-15.59	0.72	-14.87	-14.956	30	Pass
NVNT	ax20	5745	Ant1	-6.6	0.61	-5.99	-6.076	30	Pass
NVNT	ax20	5785	Ant1	-6.25	0.61	-5.64	-5.726	30	Pass
NVNT	ax20	5825	Ant1	-8.16	0.61	-7.55	-7.636	30	Pass
NVNT	ax40	5755	Ant1	-10.57	0.58	-9.99	-10.076	30	Pass
NVNT	ax40	5795	Ant1	-11.38	0.58	-10.8	-10.886	30	Pass
NVNT	ax80	5775	Ant1	-15.44	0.72	-14.72	-14.806	30	Pass

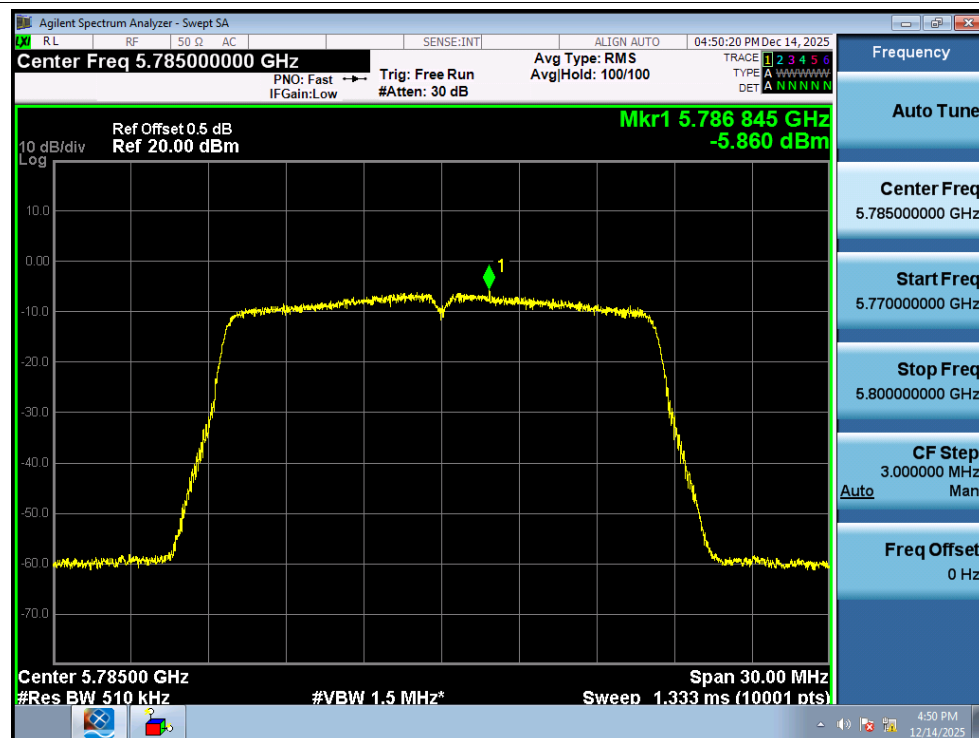
Note: Correction Factor = $10\log(500\text{KHz}/\text{RBW in measurement}) = -0.086$

Test Graphs

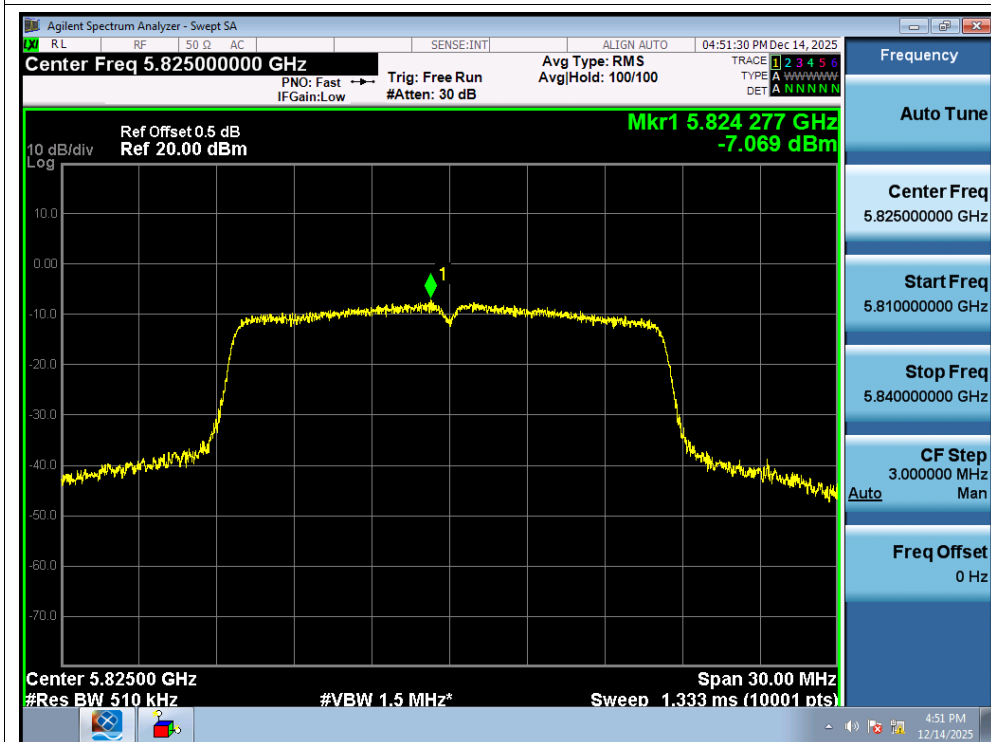
PSD NVNT a 5745MHz Ant1



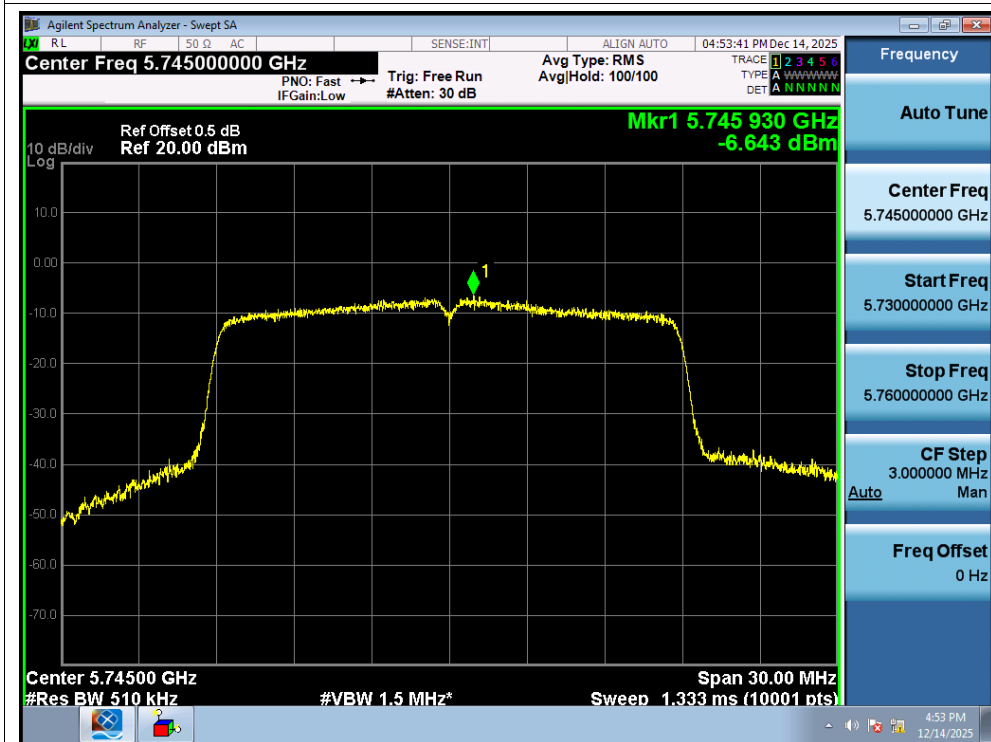
PSD NVNT a 5785MHz Ant1

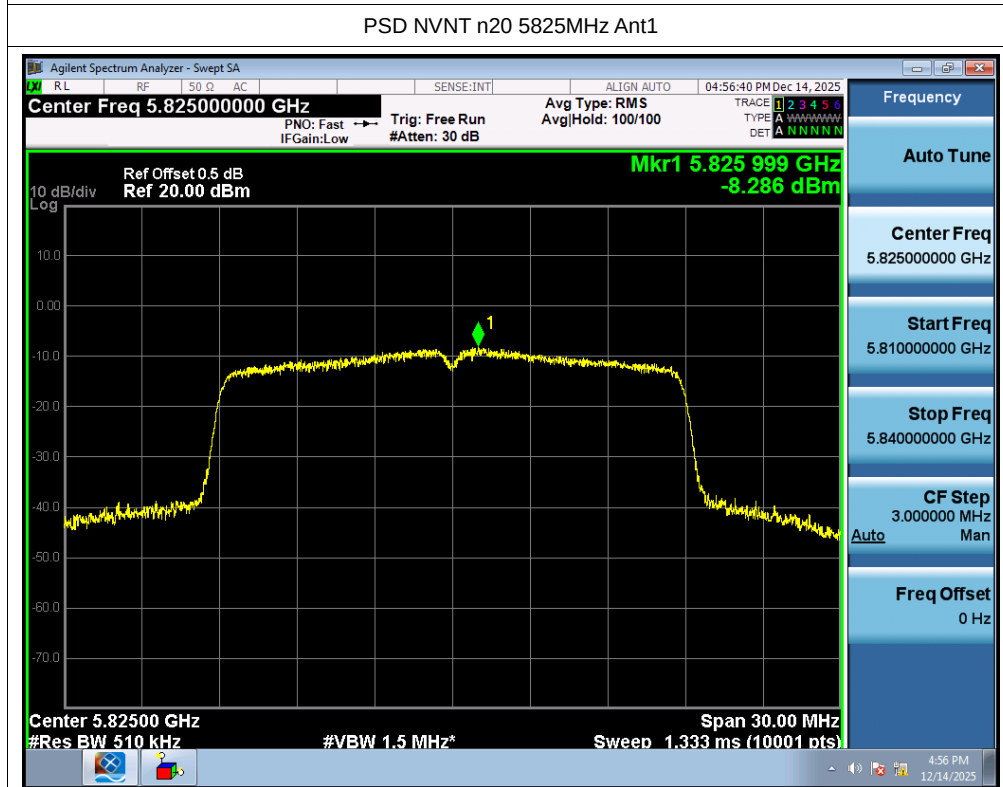
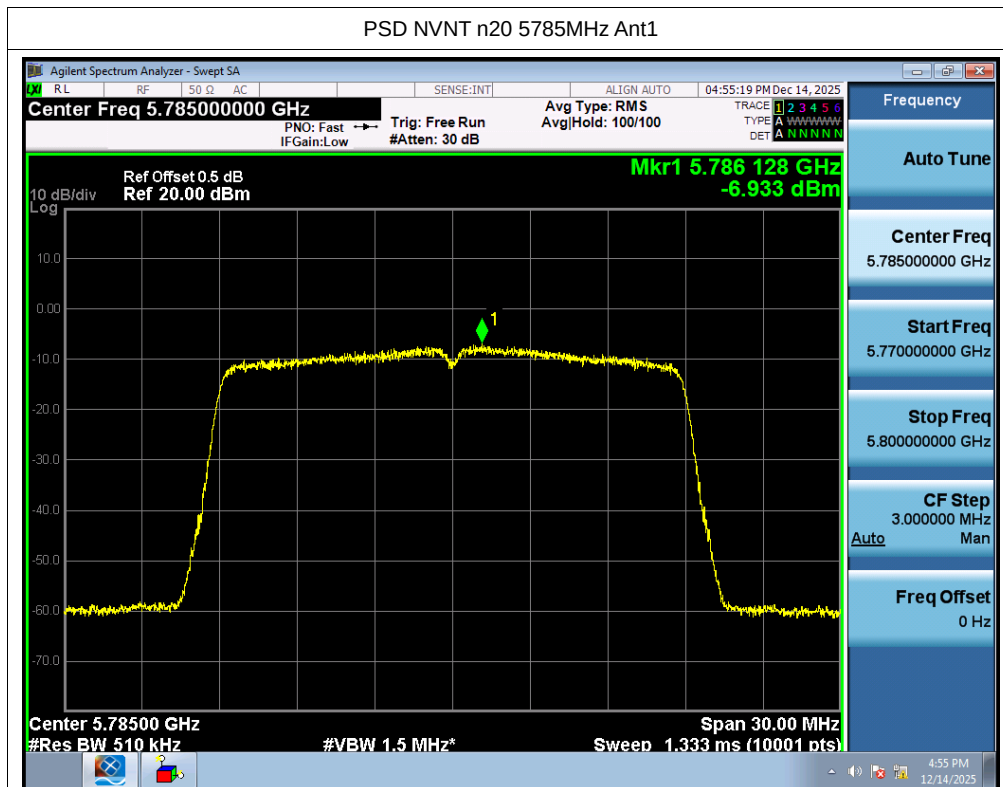


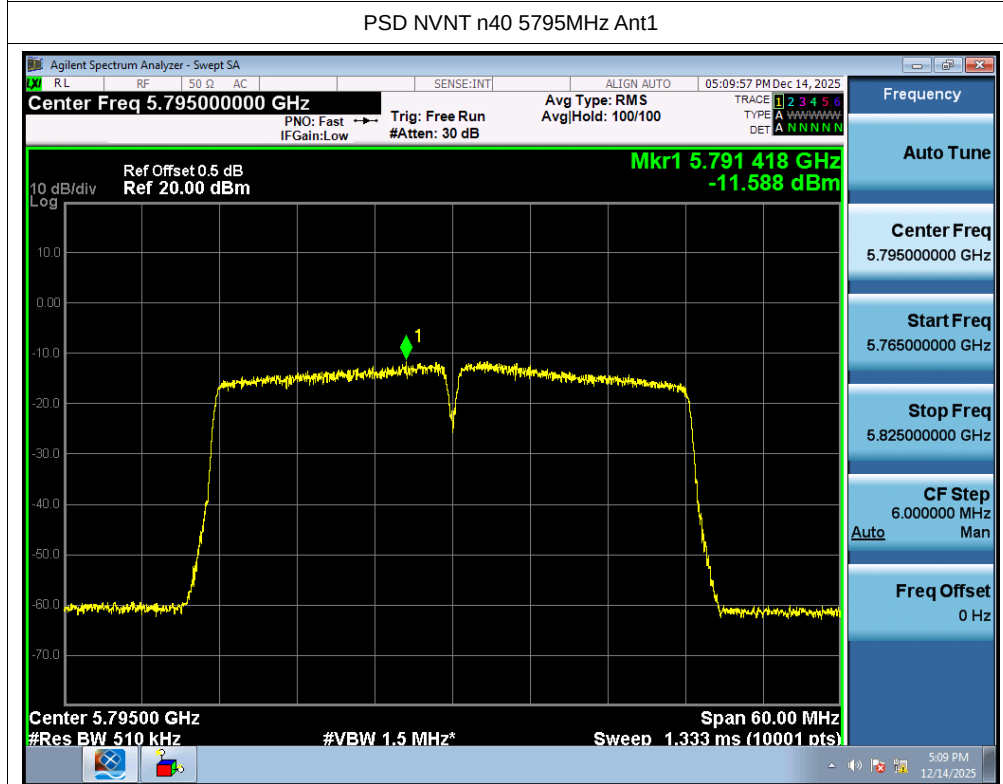
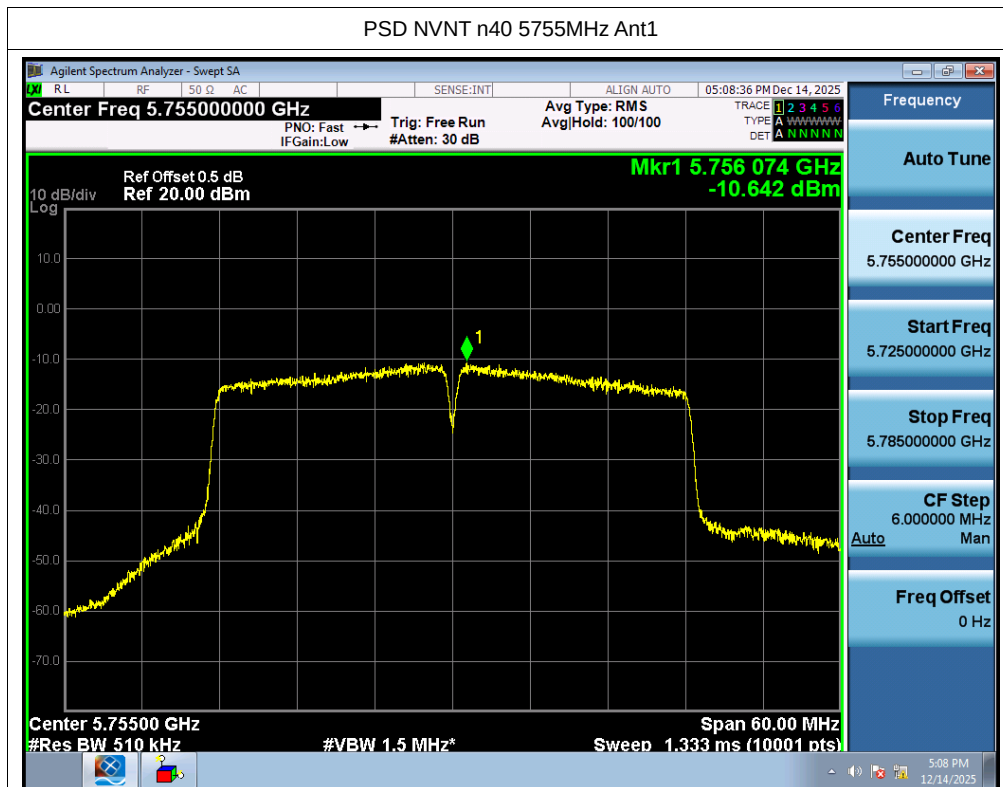
PSD NVNT a 5825MHz Ant1



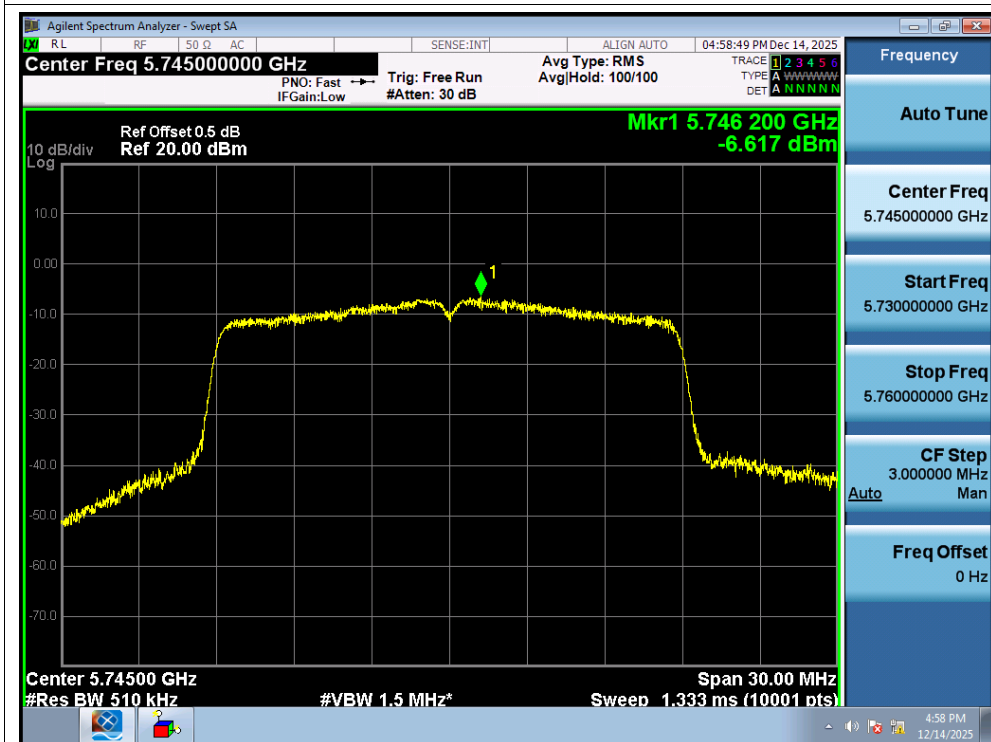
PSD NVNT n20 5745MHz Ant1



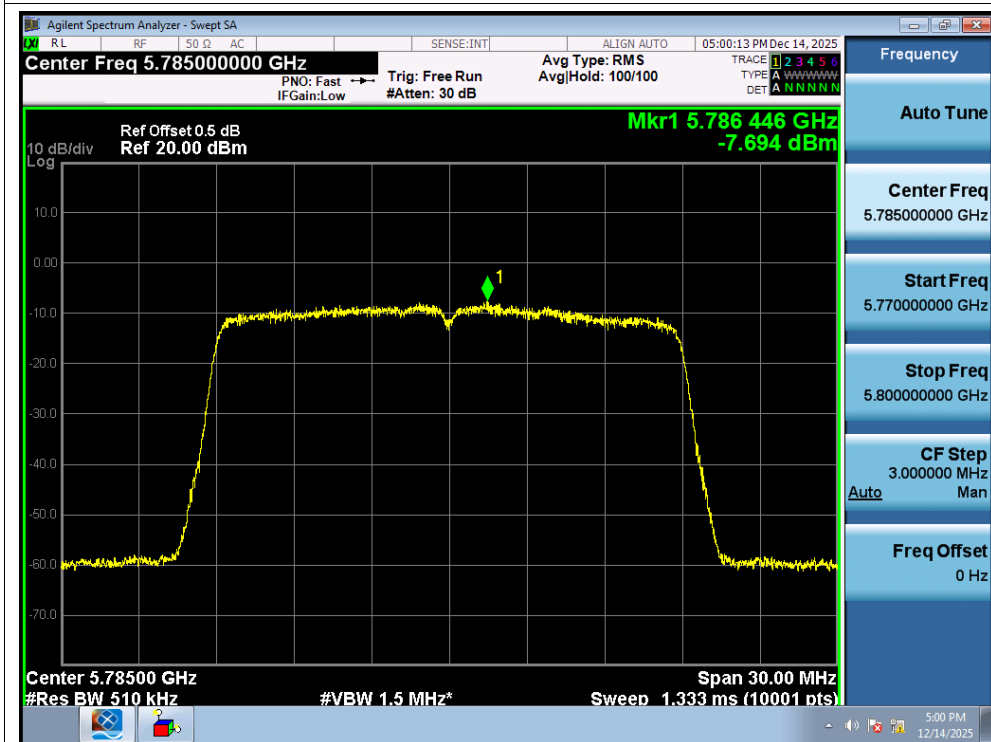




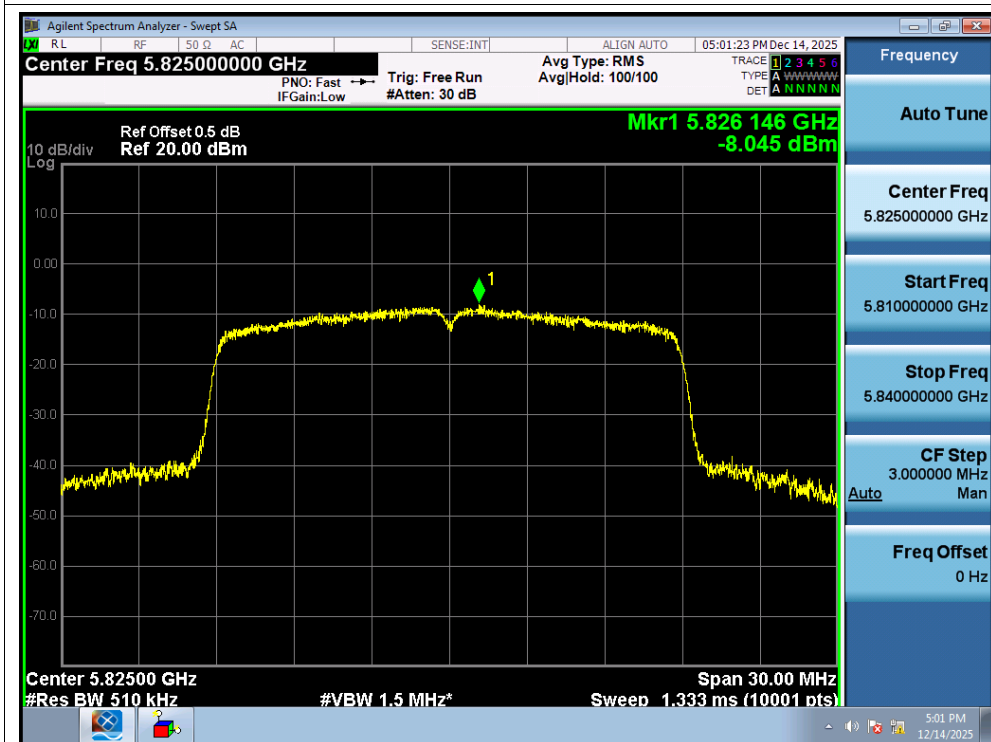
PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



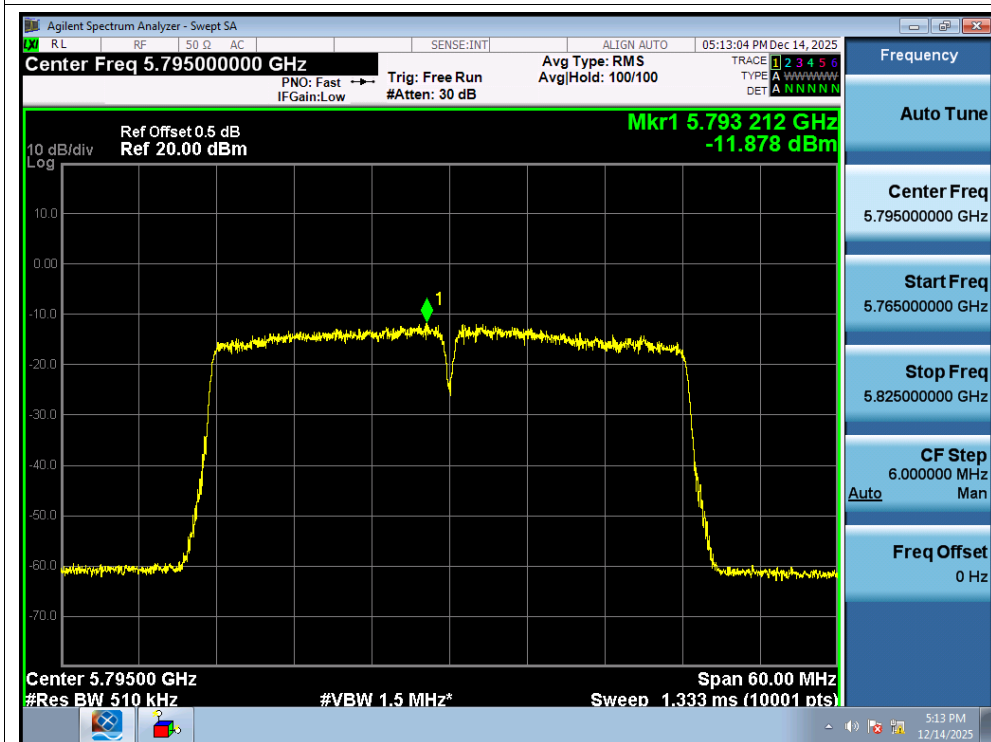
PSD NVNT ac20 5825MHz Ant1



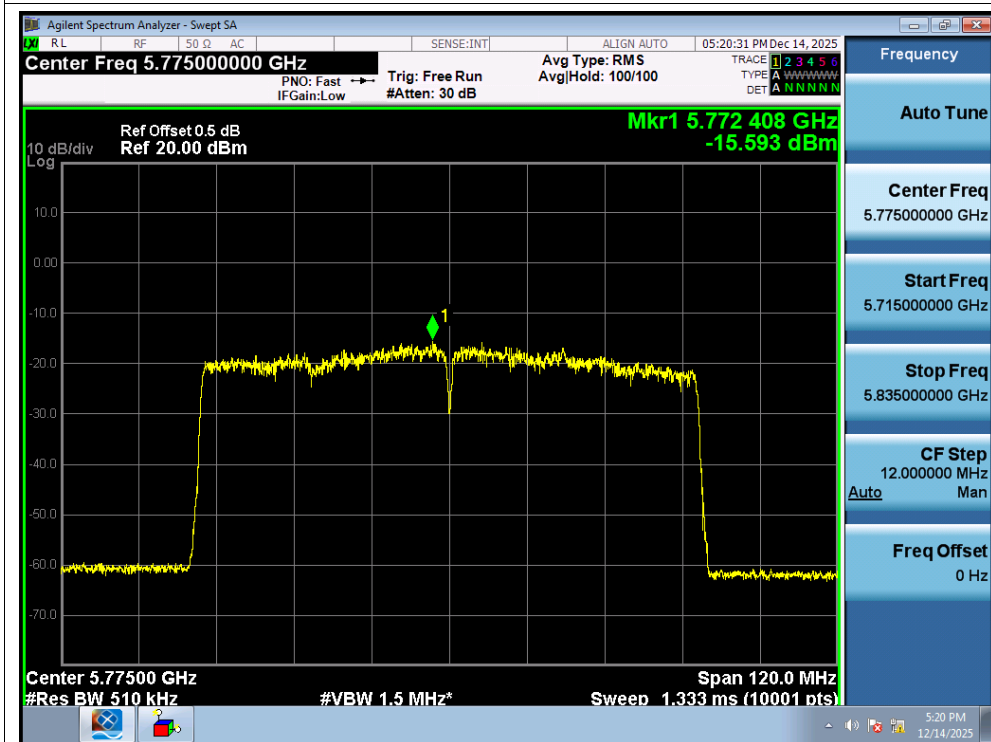
PSD NVNT ac40 5755MHz Ant1



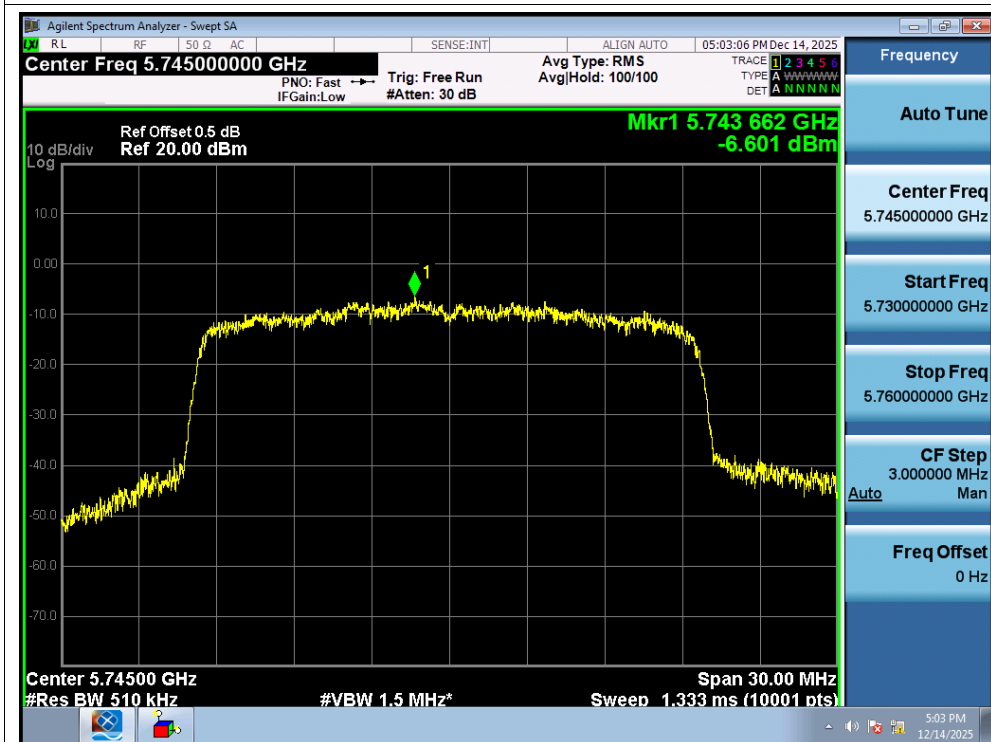
PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1



PSD NVNT ax20 5745MHz Ant1



PSD NVNT ax20 5785MHz Ant1

