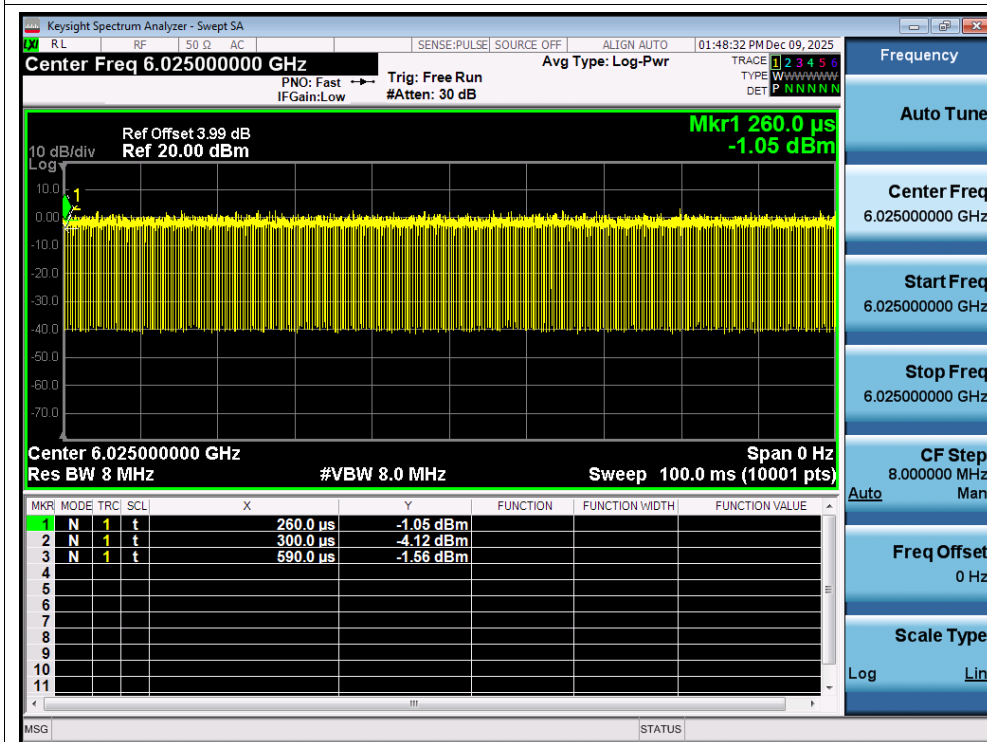
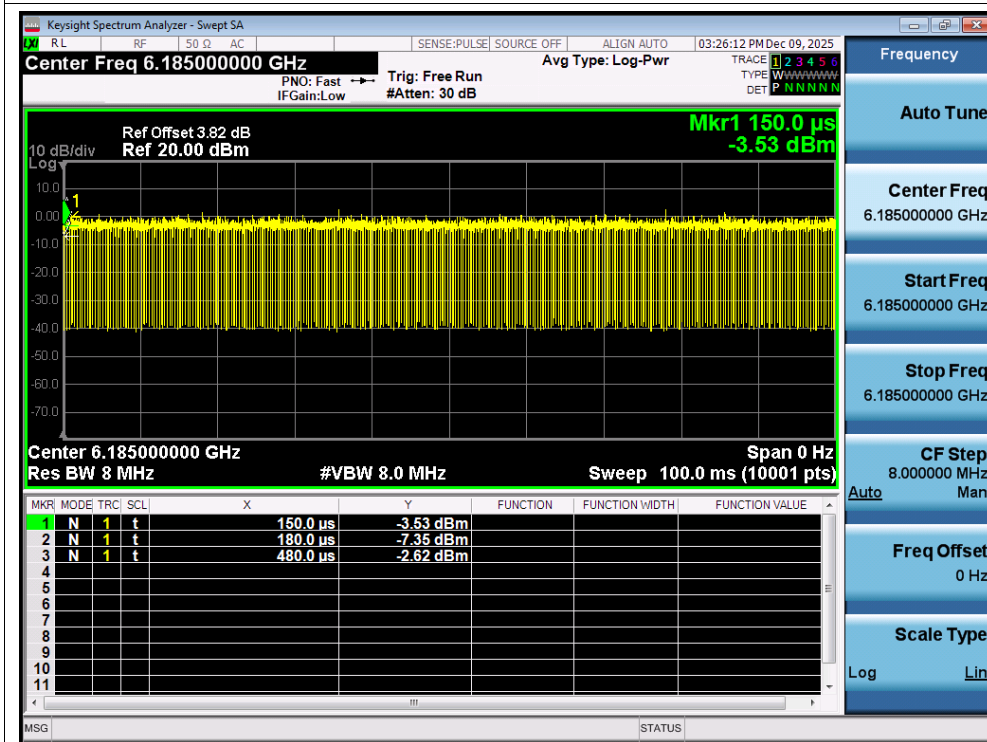


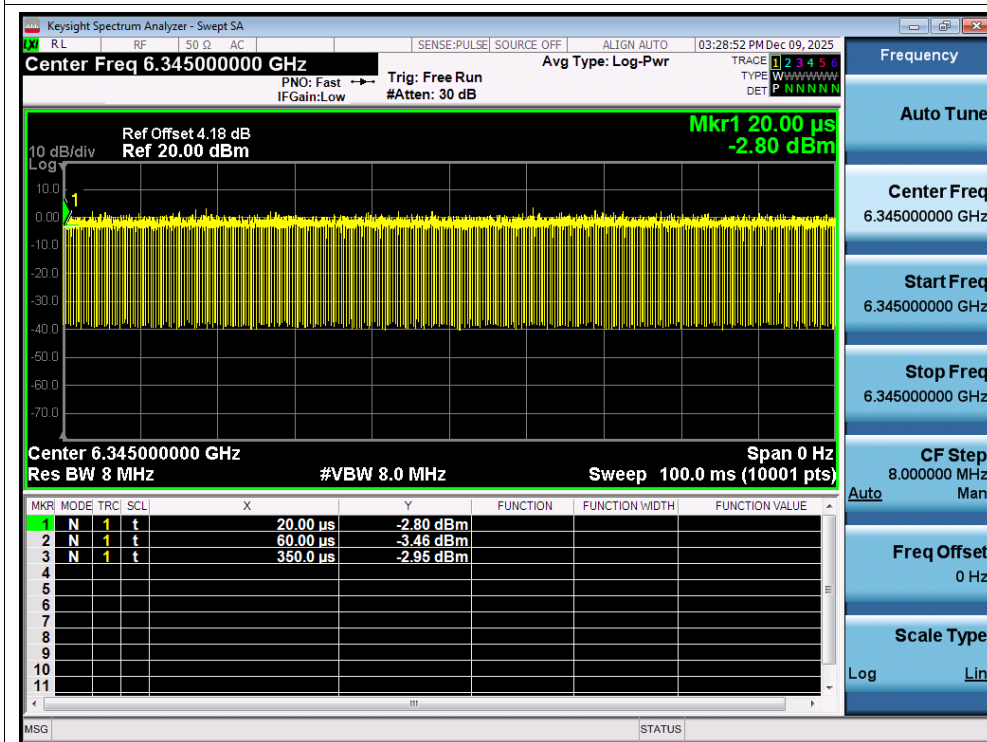
Duty Cycle NVNT ax160 6025MHz Ant A



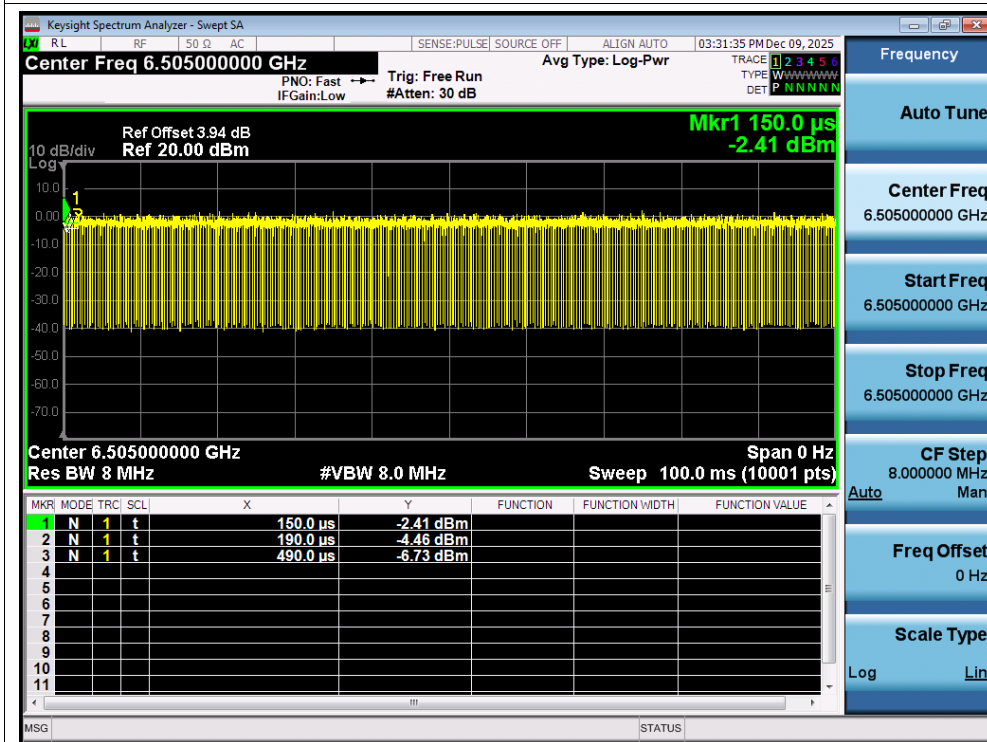
Duty Cycle NVNT ax160 6185MHz Ant A



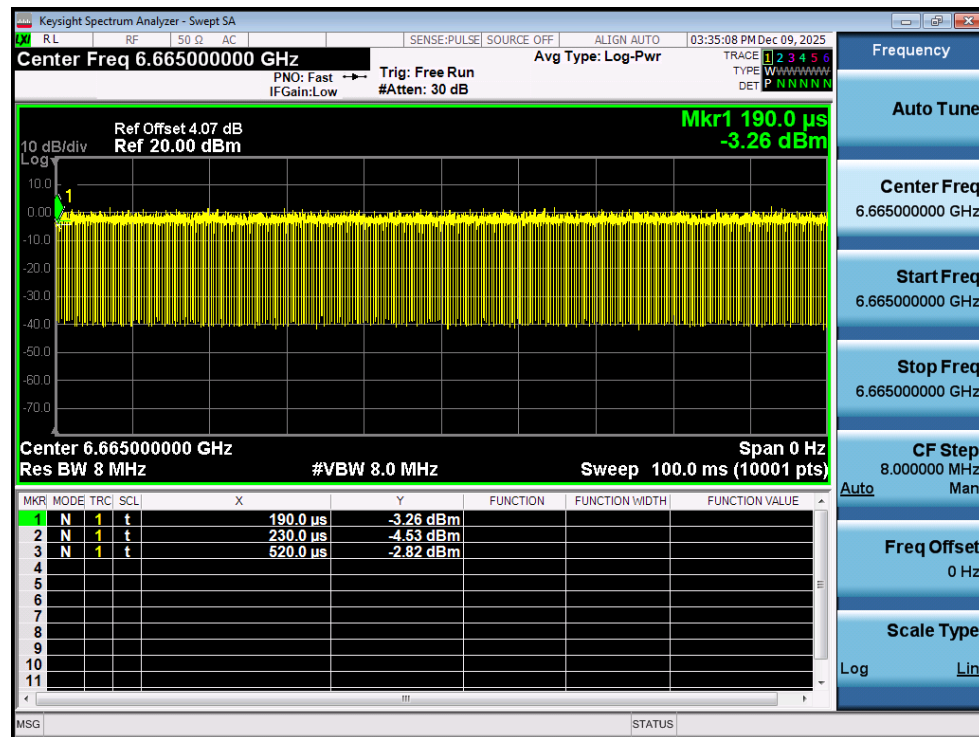
Duty Cycle NVNT ax160 6345MHz Ant A



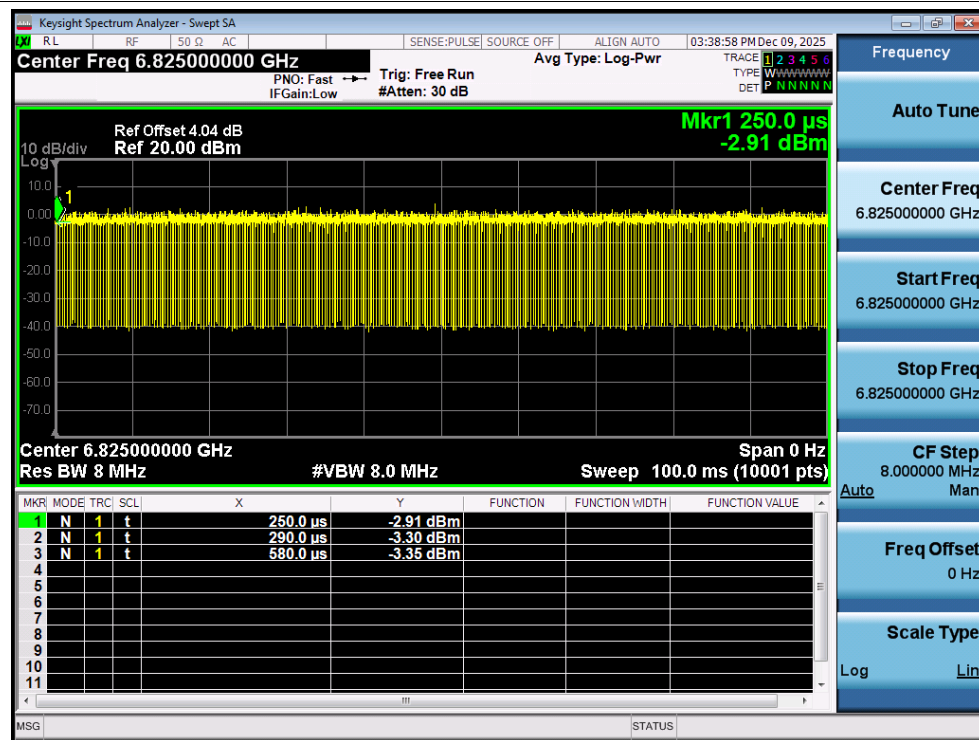
Duty Cycle NVNT ax160 6505MHz Ant A



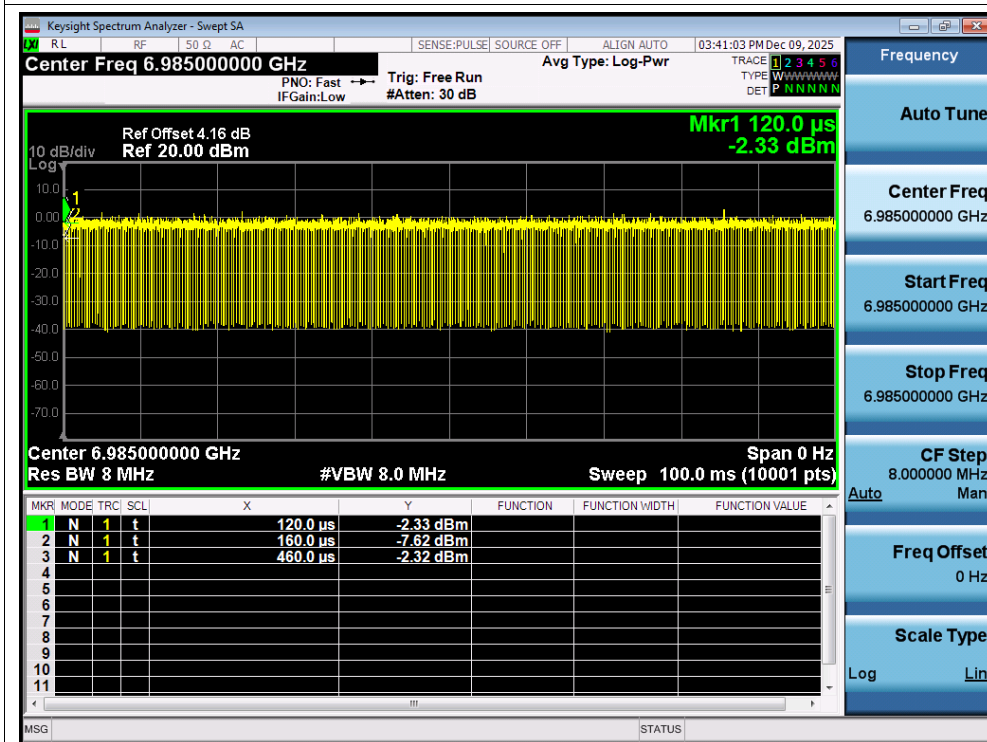
Duty Cycle NVNT ax160 6665MHz Ant A



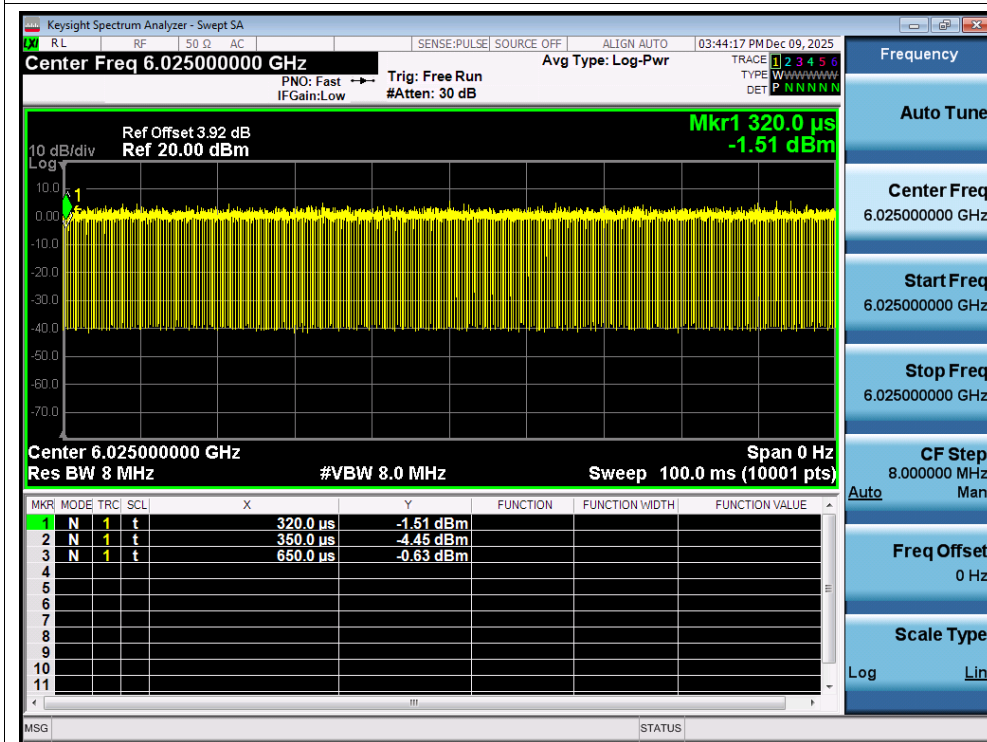
Duty Cycle NVNT ax160 6825MHz Ant A



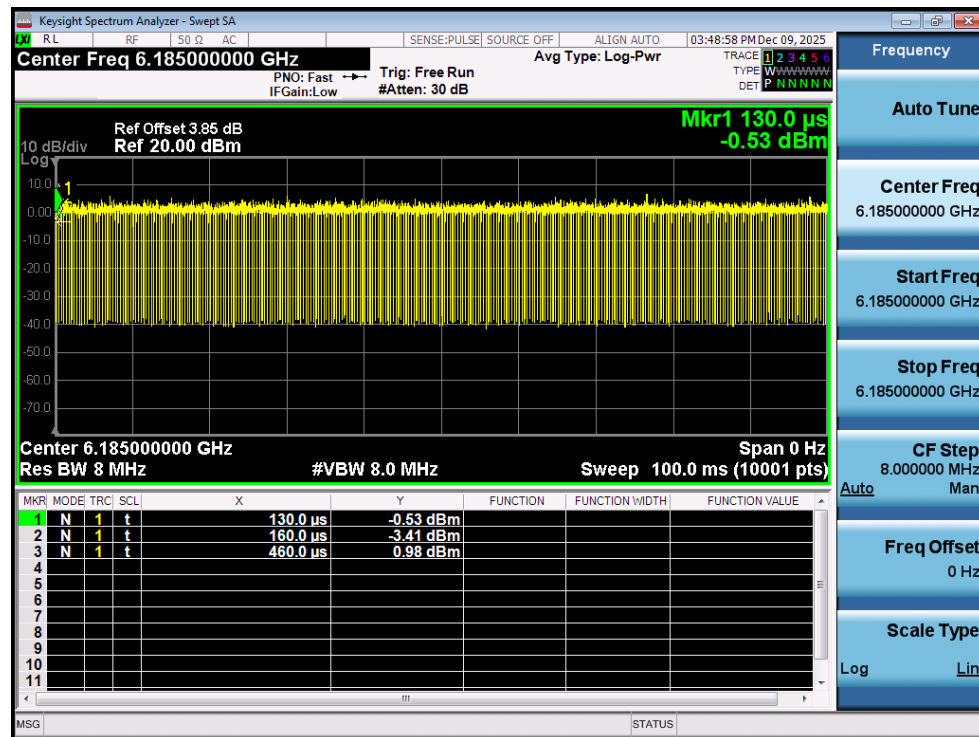
Duty Cycle NVNT ax160 6985MHz Ant A



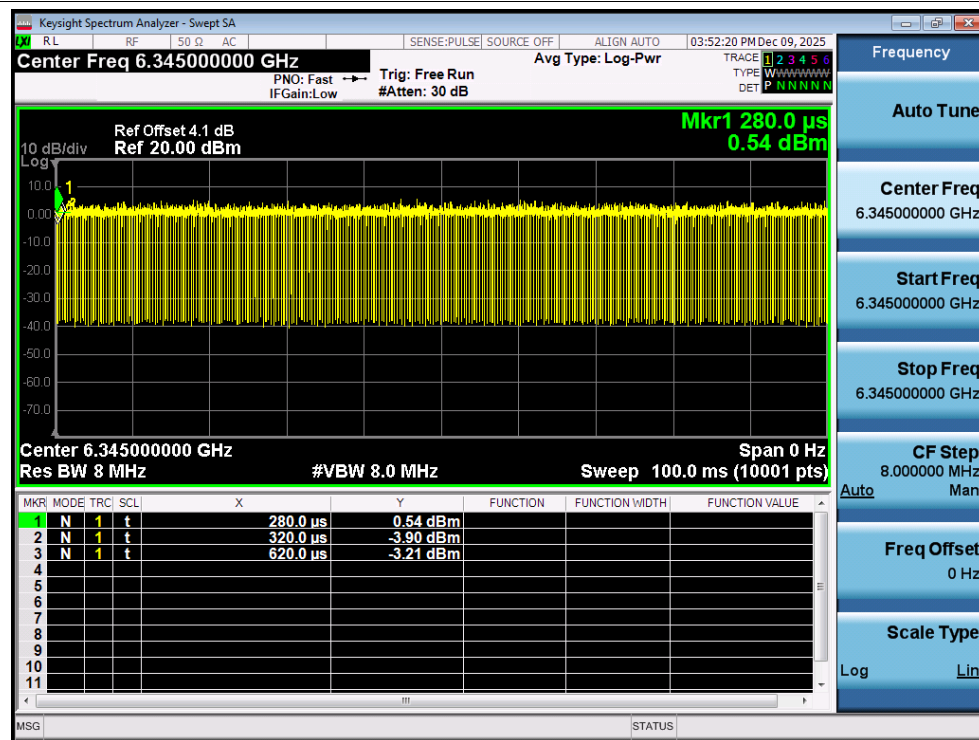
Duty Cycle NVNT ax160 6025MHz Ant B



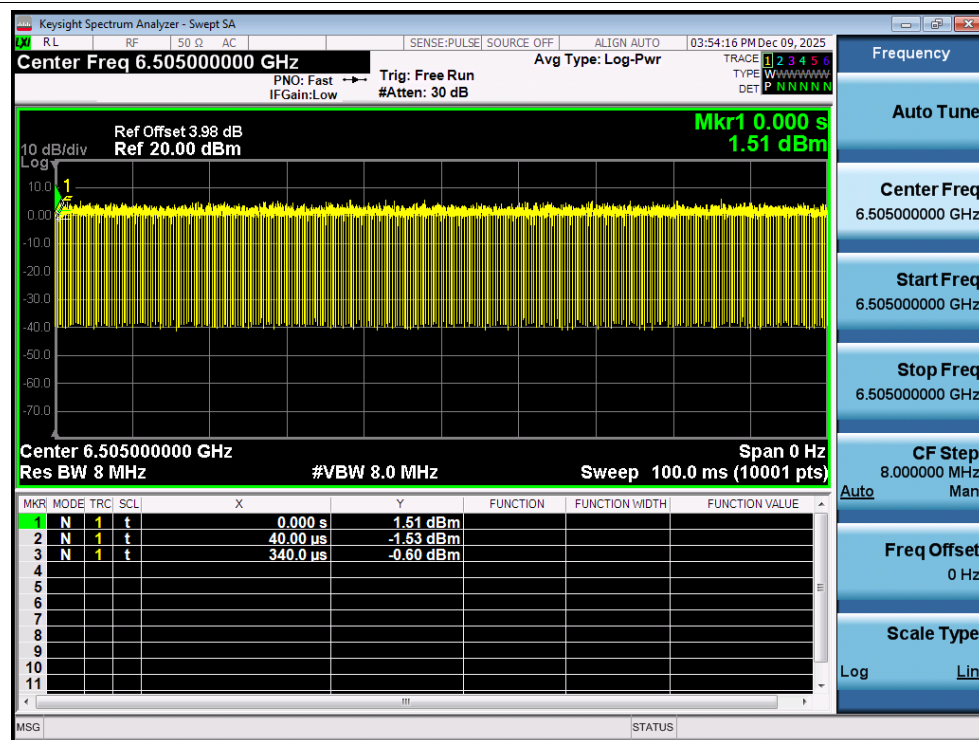
Duty Cycle NVNT ax160 6185MHz Ant B



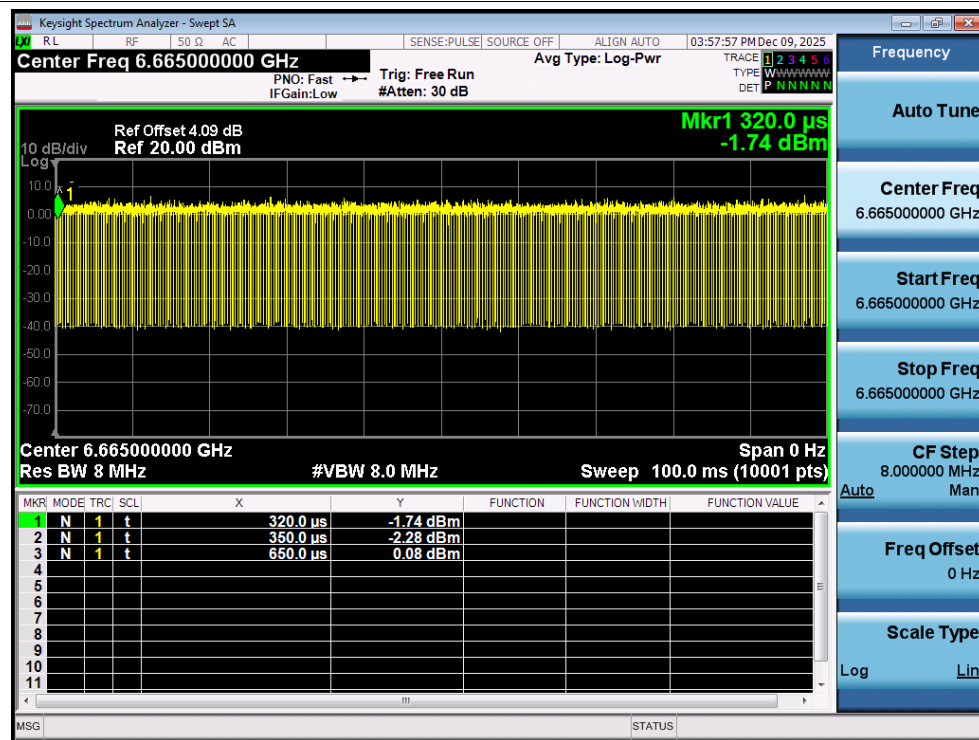
Duty Cycle NVNT ax160 6345MHz Ant B



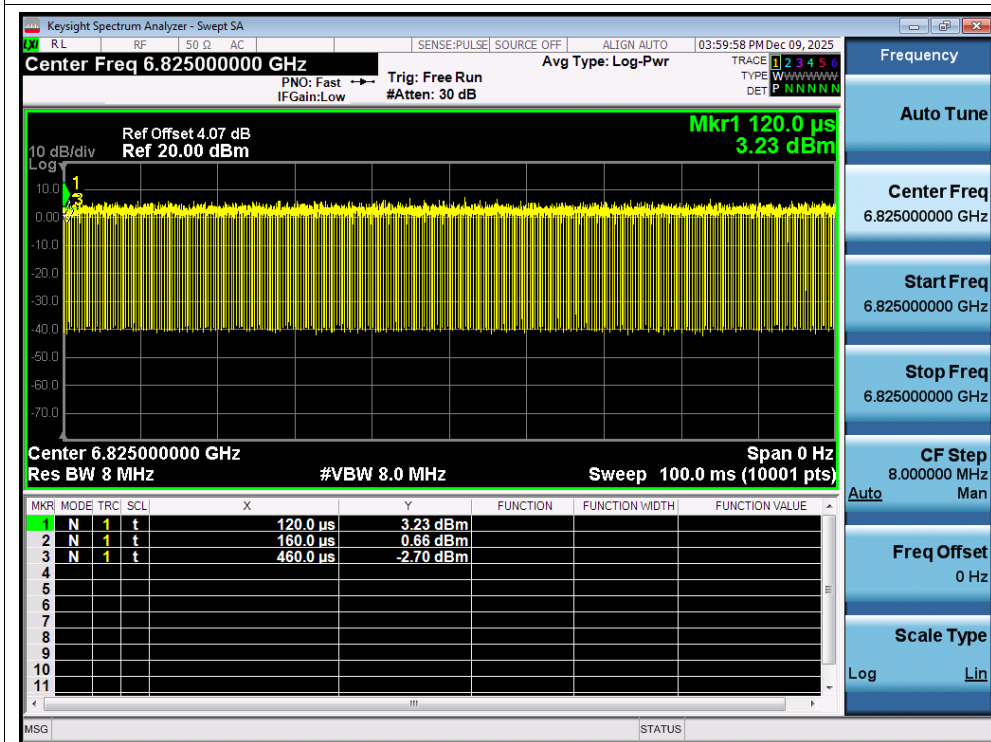
Duty Cycle NVNT ax160 6505MHz Ant B



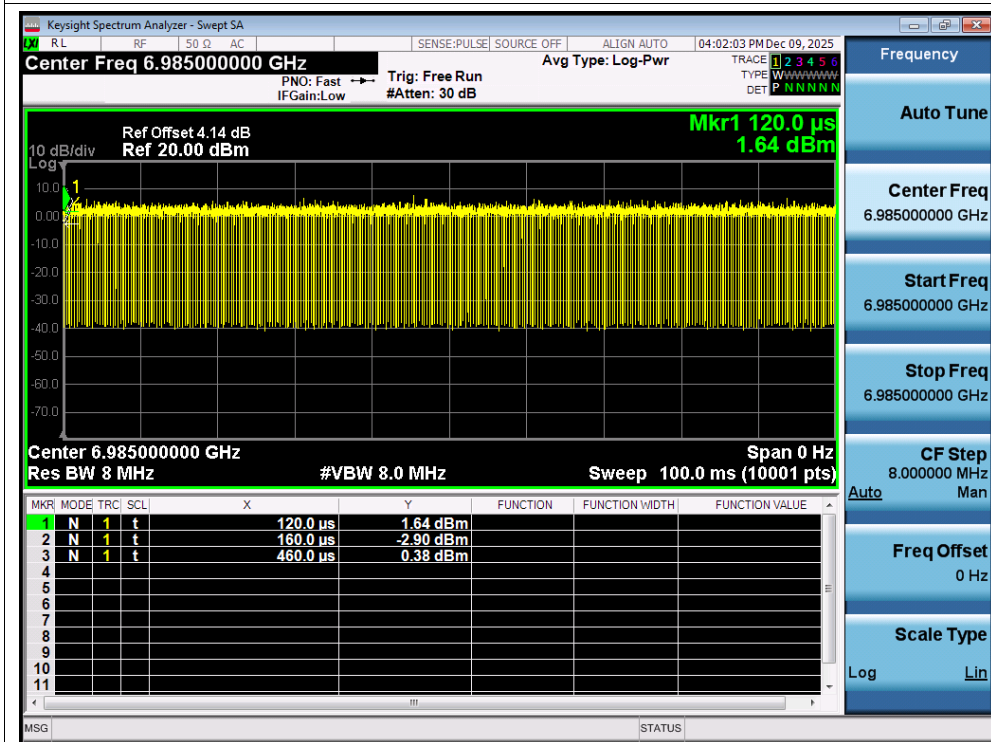
Duty Cycle NVNT ax160 6665MHz Ant B



Duty Cycle NVNT ax160 6825MHz Ant B



Duty Cycle NVNT ax160 6985MHz Ant B



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Gain (dBi)	eirp Power	Limit EIRP (dBm)	Verdict
NVNT	ax20	5955	Ant A	-1.36	4.98	3.62	3.17	6.79	24	Pass
NVNT	ax20	6175	Ant A	-3	4.84	1.84	3.17	5.01	24	Pass
NVNT	ax20	6415	Ant A	-4	4.98	0.98	3.17	4.15	24	Pass
NVNT	ax20	6435	Ant A	-4.11	4.98	0.87	3.17	4.04	24	Pass
NVNT	ax20	6475	Ant A	-4.06	4.98	0.92	3.17	4.09	24	Pass
NVNT	ax20	6515	Ant A	-3.92	4.84	0.92	3.17	4.09	24	Pass
NVNT	ax20	6535	Ant A	-3.63	4.98	1.35	3.17	4.52	24	Pass
NVNT	ax20	6695	Ant A	-2.97	4.98	2.01	3.17	5.18	24	Pass
NVNT	ax20	6855	Ant A	-2.99	4.98	1.99	3.17	5.16	24	Pass
NVNT	ax20	6875	Ant A	-3.39	4.84	1.45	3.17	4.62	24	Pass
NVNT	ax20	6895	Ant A	-3.21	4.98	1.77	3.17	4.94	24	Pass
NVNT	ax20	6995	Ant A	-4.92	4.98	0.06	3.17	3.23	24	Pass
NVNT	ax20	7115	Ant A	-5.15	4.84	-0.31	3.17	2.86	24	Pass
NVNT	ax20	5955	Ant B	-2.98	4.98	2	3.28	5.28	24	Pass
NVNT	ax20	6175	Ant B	-0.82	4.98	4.16	3.28	7.44	24	Pass
NVNT	ax20	6415	Ant B	-3.56	4.98	1.42	3.28	4.7	24	Pass
NVNT	ax20	6435	Ant B	-3.55	4.97	1.42	3.28	4.7	24	Pass
NVNT	ax20	6475	Ant B	-3.47	4.98	1.51	3.28	4.79	24	Pass
NVNT	ax20	6515	Ant B	-4.45	4.98	0.53	3.28	3.81	24	Pass
NVNT	ax20	6535	Ant B	-3.62	4.84	1.22	3.28	4.5	24	Pass
NVNT	ax20	6695	Ant B	-3.1	4.98	1.88	3.28	5.16	24	Pass
NVNT	ax20	6855	Ant B	-1.31	4.98	3.67	3.28	6.95	24	Pass
NVNT	ax20	6875	Ant B	-1.26	4.98	3.72	3.28	7	24	Pass
NVNT	ax20	6895	Ant B	-2.74	4.98	2.24	3.28	5.52	24	Pass
NVNT	ax20	6995	Ant B	-2.88	4.84	1.96	3.28	5.24	24	Pass
NVNT	ax20	7115	Ant B	-3.21	4.98	1.77	3.28	5.05	24	Pass
NVNT	ax40	5965	Ant A	1.29	4.84	6.13	3.17	9.3	24	Pass
NVNT	ax40	6165	Ant A	0.75	4.84	5.59	3.17	8.76	24	Pass
NVNT	ax40	6405	Ant A	-0.2	4.84	4.64	3.17	7.81	24	Pass
NVNT	ax40	6445	Ant A	-0.17	4.77	4.6	3.17	7.77	24	Pass
NVNT	ax40	6485	Ant A	-0.18	4.98	4.8	3.17	7.97	24	Pass
NVNT	ax40	6525	Ant A	0.07	4.98	5.05	3.17	8.22	24	Pass
NVNT	ax40	6565	Ant A	0.22	4.98	5.2	3.17	8.37	24	Pass
NVNT	ax40	6685	Ant A	0.7	4.98	5.68	3.17	8.85	24	Pass
NVNT	ax40	6845	Ant A	1.36	4.98	6.34	3.17	9.51	24	Pass
NVNT	ax40	6885	Ant A	0.96	4.84	5.8	3.17	8.97	24	Pass
NVNT	ax40	6925	Ant A	1.09	4.84	5.93	3.17	9.1	24	Pass
NVNT	ax40	6965	Ant A	0.46	4.84	5.3	3.17	8.47	24	Pass
NVNT	ax40	7085	Ant A	-0.26	4.98	4.72	3.17	7.89	24	Pass

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NVNT	ax40	5965	Ant B	1.2	4.98	6.18	3.28	9.46	24	Pass
NVNT	ax40	6165	Ant B	2.44	4.84	7.28	3.28	10.56	24	Pass
NVNT	ax40	6405	Ant B	0.88	4.84	5.72	3.28	9	24	Pass
NVNT	ax40	6445	Ant B	0.2	4.98	5.18	3.28	8.46	24	Pass
NVNT	ax40	6485	Ant B	0.03	4.98	5.01	3.28	8.29	24	Pass
NVNT	ax40	6525	Ant B	0.16	4.98	5.14	3.28	8.42	24	Pass
NVNT	ax40	6565	Ant B	0.56	4.84	5.4	3.28	8.68	24	Pass
NVNT	ax40	6685	Ant B	0.89	4.84	5.73	3.28	9.01	24	Pass
NVNT	ax40	6845	Ant B	2.19	4.98	7.17	3.28	10.45	24	Pass
NVNT	ax40	6885	Ant B	2.24	4.98	7.22	3.28	10.5	24	Pass
NVNT	ax40	6925	Ant B	1.6	4.98	6.58	3.28	9.86	24	Pass
NVNT	ax40	6965	Ant B	1.53	4.84	6.37	3.28	9.65	24	Pass
NVNT	ax40	7085	Ant B	0.84	4.98	5.82	3.28	9.1	24	Pass
NVNT	ax80	5985	Ant A	2.68	5.14	7.82	3.17	10.99	24	Pass
NVNT	ax80	6145	Ant A	2.85	4.98	7.83	3.17	11	24	Pass
NVNT	ax80	6385	Ant A	4.25	5.14	9.39	3.17	12.56	24	Pass
NVNT	ax80	6465	Ant A	3.94	5.21	9.15	3.17	12.32	24	Pass
NVNT	ax80	6545	Ant A	3.9	5.14	9.04	3.17	12.21	24	Pass
NVNT	ax80	6625	Ant A	3.17	4.98	8.15	3.17	11.32	24	Pass
NVNT	ax80	6705	Ant A	3.91	5.14	9.05	3.17	12.22	24	Pass
NVNT	ax80	6785	Ant A	4.2	5.14	9.34	3.17	12.51	24	Pass
NVNT	ax80	6865	Ant A	4.17	5.14	9.31	3.17	12.48	24	Pass
NVNT	ax80	6945	Ant A	4.23	5.14	9.37	3.17	12.54	24	Pass
NVNT	ax80	7025	Ant A	3.11	5.14	8.25	3.17	11.42	24	Pass
NVNT	ax80	5985	Ant B	3.24	5.14	8.38	3.28	11.66	24	Pass
NVNT	ax80	6145	Ant B	3.26	0.41	3.67	3.28	6.95	24	Pass
NVNT	ax80	6385	Ant B	3.47	4.98	8.45	3.28	11.73	24	Pass
NVNT	ax80	6465	Ant B	3.98	5.14	9.12	3.28	12.4	24	Pass
NVNT	ax80	6545	Ant B	3.9	5.14	9.04	3.28	12.32	24	Pass
NVNT	ax80	6625	Ant B	3.98	4.98	8.96	3.28	12.24	24	Pass
NVNT	ax80	6705	Ant B	3.92	5.14	9.06	3.28	12.34	24	Pass
NVNT	ax80	6785	Ant B	3.89	4.98	8.87	3.28	12.15	24	Pass
NVNT	ax80	6865	Ant B	5.17	5.14	10.31	3.28	13.59	24	Pass
NVNT	ax80	6945	Ant B	4.87	4.98	9.85	3.28	13.13	24	Pass
NVNT	ax80	7025	Ant B	5.19	5.14	10.33	3.28	13.61	24	Pass
NVNT	ax160	6025	Ant A	2.88	4.98	7.86	3.17	11.03	24	Pass
NVNT	ax160	6185	Ant A	0.96	4.98	5.94	3.17	9.11	24	Pass
NVNT	ax160	6345	Ant A	2.62	5.14	7.76	3.17	10.93	24	Pass
NVNT	ax160	6505	Ant A	2.68	4.98	7.66	3.17	10.83	24	Pass
NVNT	ax160	6665	Ant A	2.59	4.98	7.57	3.17	10.74	24	Pass
NVNT	ax160	6825	Ant A	2.61	4.98	7.59	3.17	10.76	24	Pass
NVNT	ax160	6985	Ant A	2.13	4.98	7.11	3.17	10.28	24	Pass
NVNT	ax160	6025	Ant B	6.68	5.14	11.82	3.28	15.1	24	Pass
NVNT	ax160	6185	Ant B	5.39	5.14	10.53	3.28	13.81	24	Pass

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NVNT	ax160	6345	Ant B	6.08	4.98	11.06	3.28	14.34	24	Pass
NVNT	ax160	6505	Ant B	6.43	5.14	11.57	3.28	14.85	24	Pass
NVNT	ax160	6665	Ant B	7.01	5.14	12.15	3.28	15.43	24	Pass
NVNT	ax160	6825	Ant B	6.89	4.98	11.87	3.28	15.15	24	Pass
NVNT	ax160	6985	Ant B	6.52	4.98	11.5	3.28	14.78	24	Pass

Note:

Antenna A gain: 3.28 dBi, Antenna B gain: 3.17dBi

For power measurements,

The Array gain=0 for NANT≤4,

So the directional gain for Power measurements is 3.28 dBi

Directional gain may be calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain.

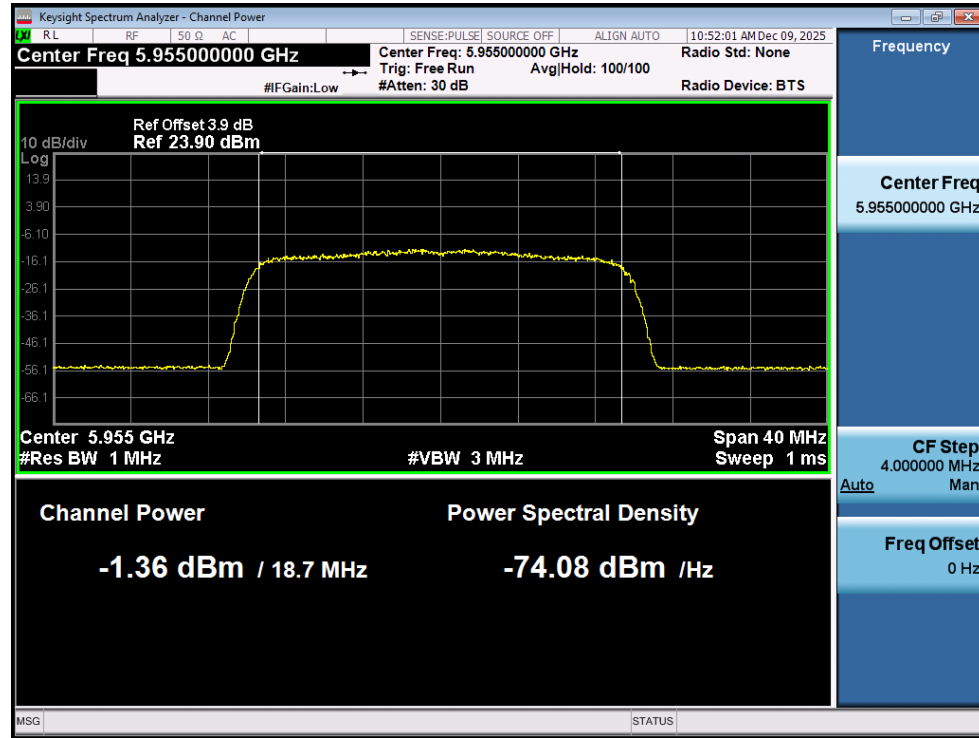
Condition	Mode	Frequency (MHz)	Ant A eirp Power (dBm)	Ant B eirp Power (dBm)	Total eirp Power (dBm)	Limit EIRP (dBm)	Verdict
NVNT	ax20	5955	6.79	5.28	9.11	24	Pass
NVNT	ax20	6175	5.01	7.44	9.40	24	Pass
NVNT	ax20	6415	4.15	4.7	7.44	24	Pass
NVNT	ax20	6435	4.04	4.7	7.39	24	Pass
NVNT	ax20	6475	4.09	4.79	7.46	24	Pass
NVNT	ax20	6515	4.09	3.81	6.96	24	Pass
NVNT	ax20	6535	4.52	4.5	7.52	24	Pass
NVNT	ax20	6695	5.18	5.16	8.18	24	Pass
NVNT	ax20	6855	5.16	6.95	9.16	24	Pass
NVNT	ax20	6875	4.62	7	8.98	24	Pass
NVNT	ax20	6895	4.94	5.52	8.25	24	Pass
NVNT	ax20	6995	3.23	5.24	7.36	24	Pass
NVNT	ax20	7115	2.86	5.05	7.10	24	Pass
NVNT	ax40	5965	9.3	9.46	12.39	24	Pass
NVNT	ax40	6165	8.76	10.56	12.76	24	Pass
NVNT	ax40	6405	7.81	9	11.46	24	Pass
NVNT	ax40	6445	7.77	8.46	11.14	24	Pass
NVNT	ax40	6485	7.97	8.29	11.14	24	Pass
NVNT	ax40	6525	8.22	8.42	11.33	24	Pass
NVNT	ax40	6565	8.37	8.68	11.54	24	Pass
NVNT	ax40	6685	8.85	9.01	11.94	24	Pass
NVNT	ax40	6845	9.51	10.45	13.02	24	Pass
NVNT	ax40	6885	8.97	10.5	12.81	24	Pass
NVNT	ax40	6925	9.1	9.86	12.51	24	Pass
NVNT	ax40	6965	8.47	9.65	12.11	24	Pass
NVNT	ax40	7085	7.89	9.1	11.55	24	Pass
NVNT	ax80	5985	10.99	11.66	14.35	24	Pass
NVNT	ax80	6145	11	6.95	12.44	24	Pass
NVNT	ax80	6385	12.56	11.73	15.18	24	Pass
NVNT	ax80	6465	12.32	12.4	15.37	24	Pass
NVNT	ax80	6545	12.21	12.32	15.28	24	Pass
NVNT	ax80	6625	11.32	12.24	14.81	24	Pass
NVNT	ax80	6705	12.22	12.34	15.29	24	Pass
NVNT	ax80	6785	12.51	12.15	15.34	24	Pass
NVNT	ax80	6865	12.48	13.59	16.08	24	Pass
NVNT	ax80	6945	12.54	13.13	15.86	24	Pass
NVNT	ax80	7025	11.42	13.61	15.66	24	Pass
NVNT	ax160	6025	11.03	15.1	16.54	24	Pass
NVNT	ax160	6185	9.11	13.81	15.08	24	Pass

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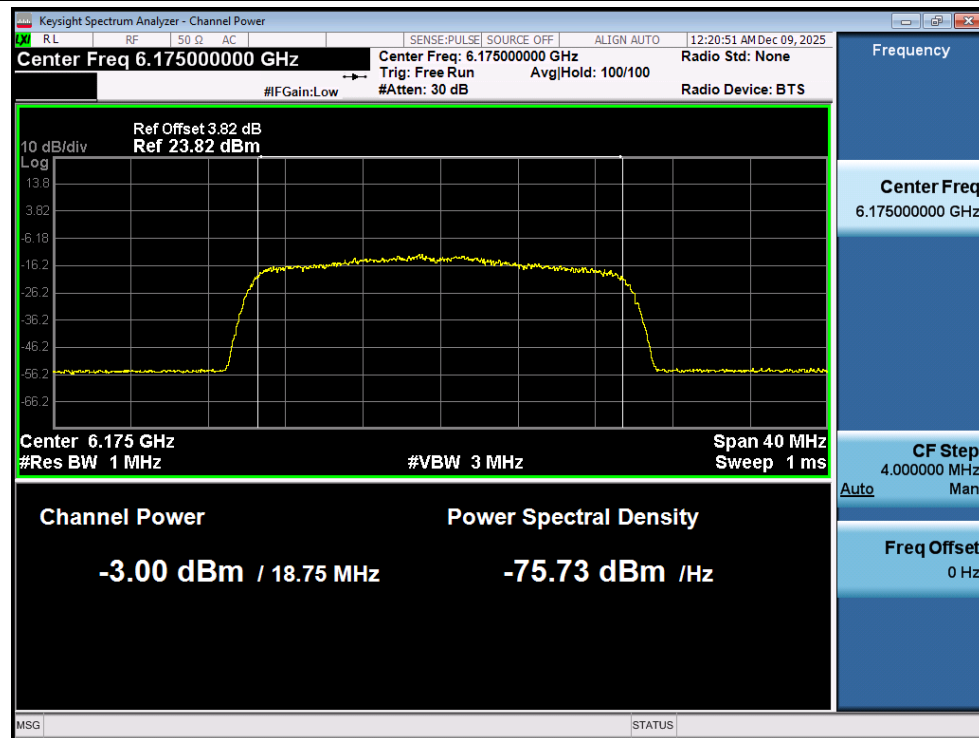
NVNT	ax160	6345	10.93	14.34	15.97	24	Pass
NVNT	ax160	6505	10.83	14.85	16.30	24	Pass
NVNT	ax160	6665	10.74	15.43	16.70	24	Pass
NVNT	ax160	6825	10.76	15.15	16.50	24	Pass
NVNT	ax160	6985	10.28	14.78	16.10	24	Pass

Test Graphs

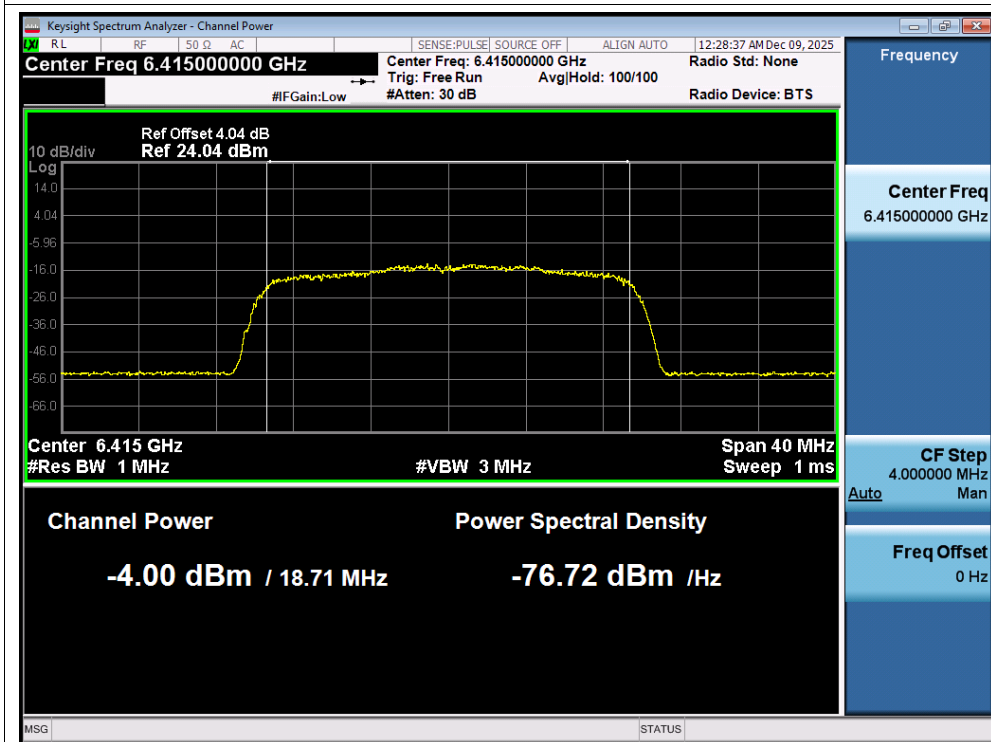
Power NVNT ax20 5955MHz Ant A



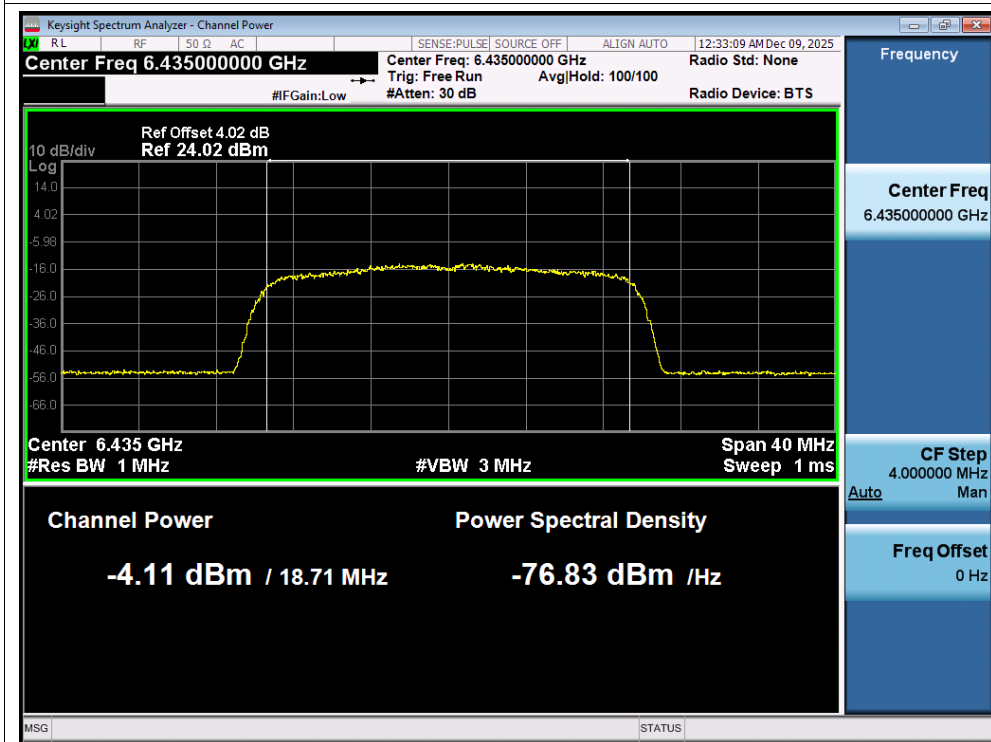
Power NVNT ax20 6175MHz Ant A



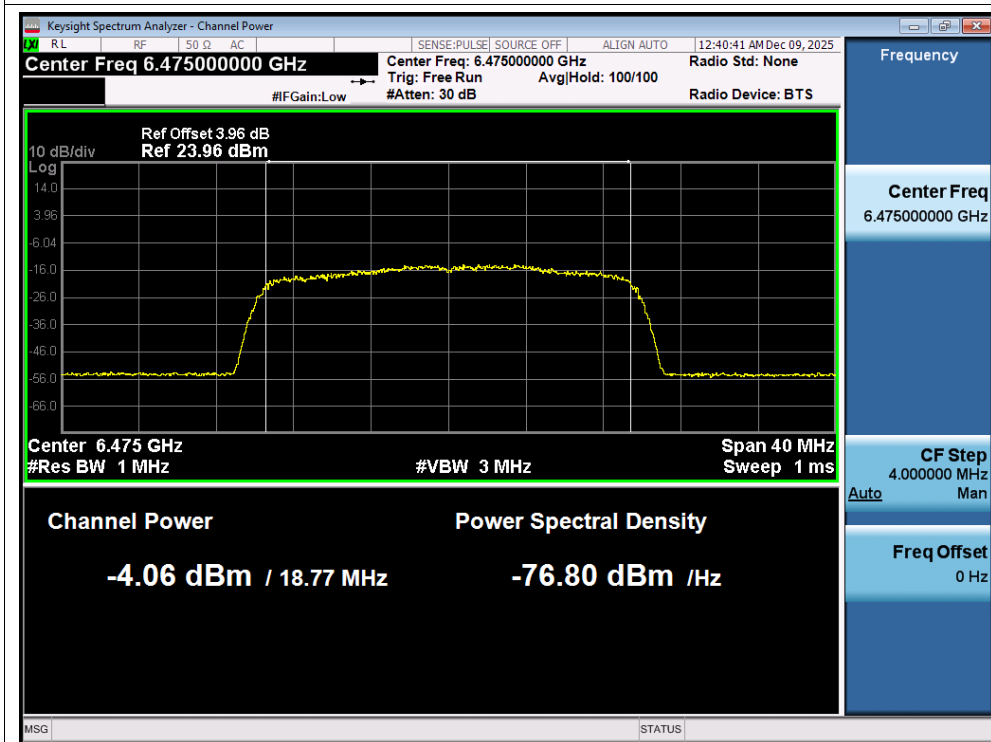
Power NVNT ax20 6415MHz Ant A



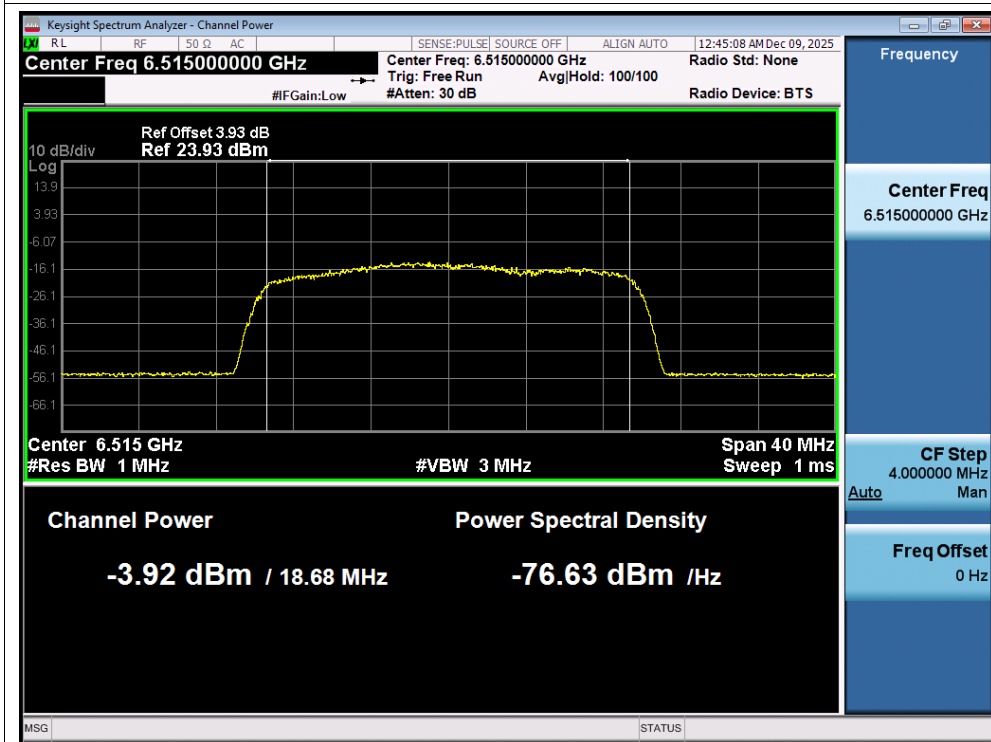
Power NVNT ax20 6435MHz Ant A



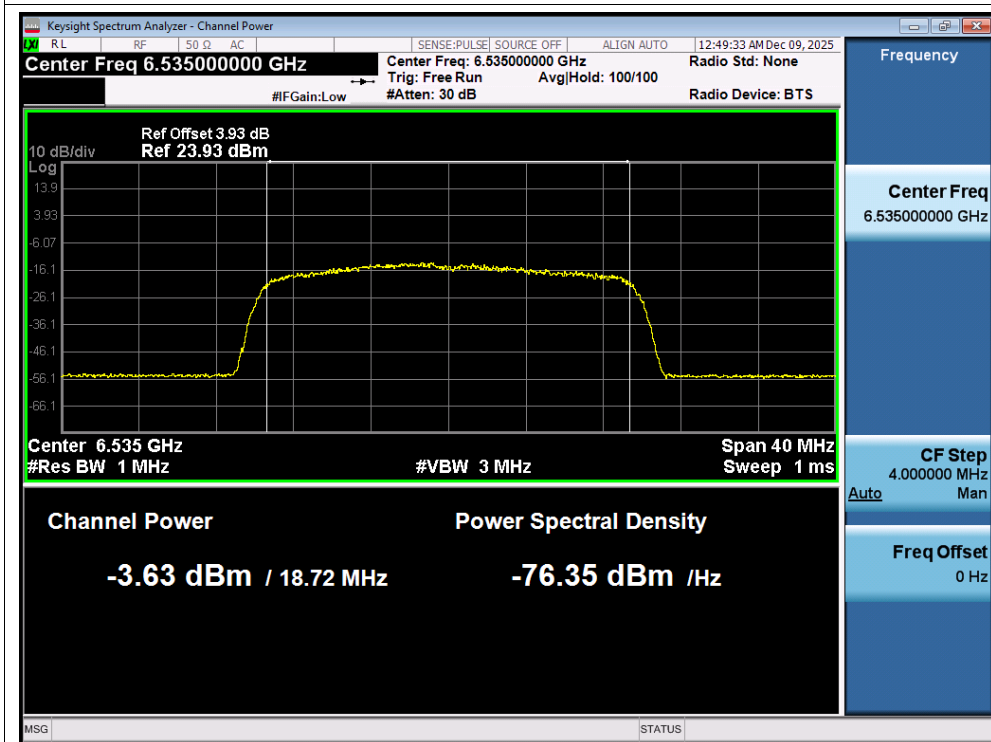
Power NVNT ax20 6475MHz Ant A



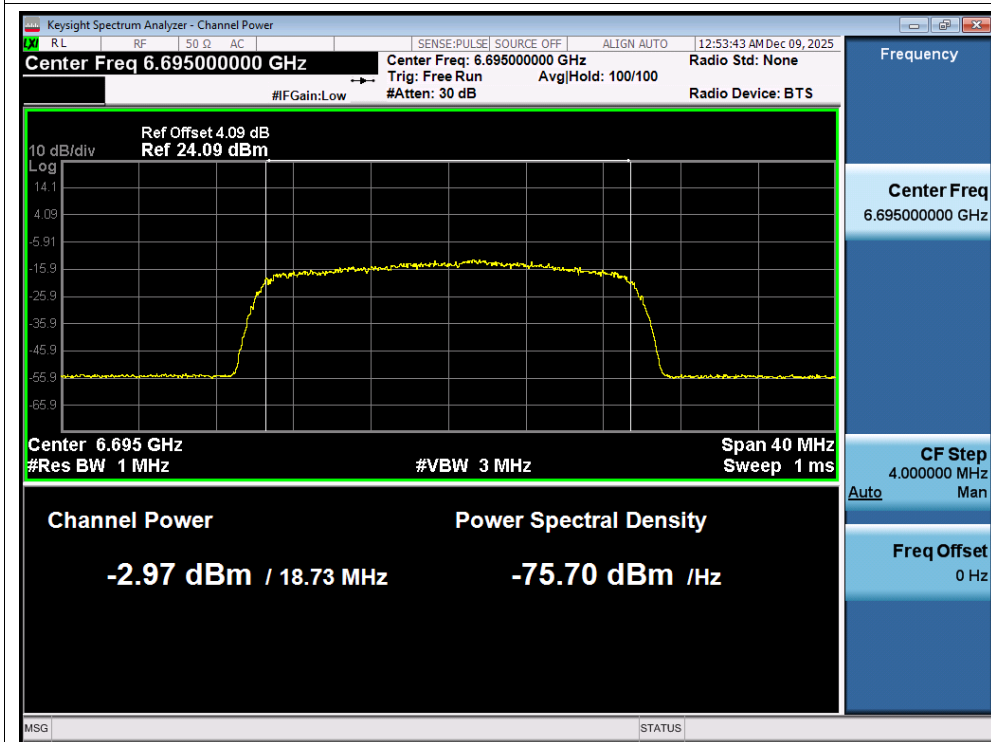
Power NVNT ax20 6515MHz Ant A



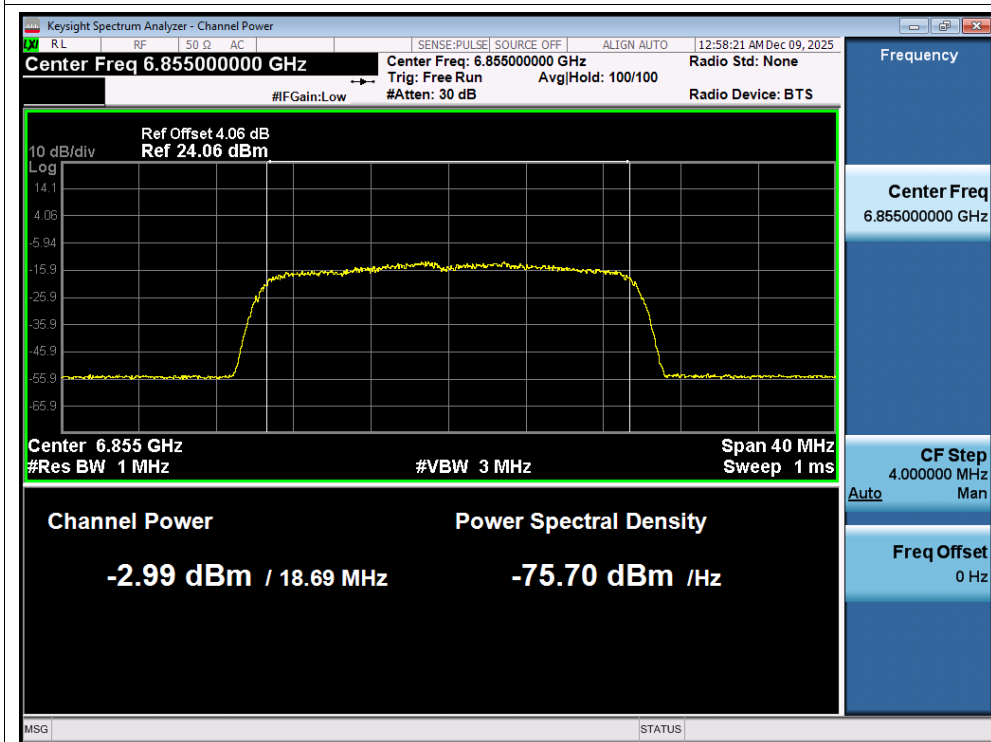
Power NVNT ax20 6535MHz Ant A



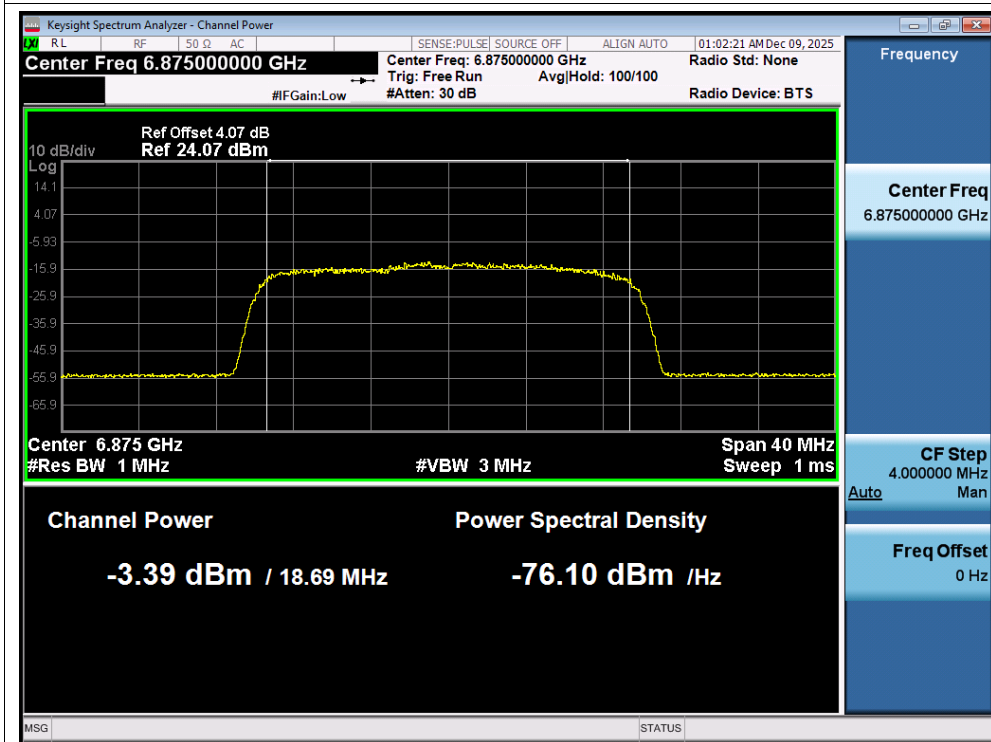
Power NVNT ax20 6695MHz Ant A



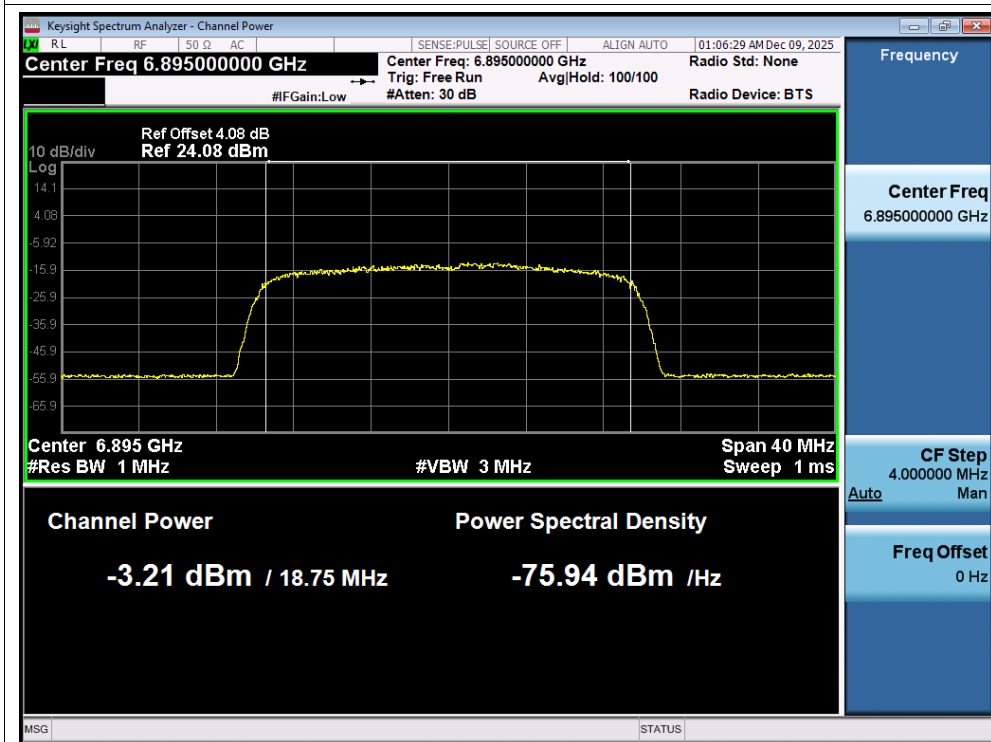
Power NVNT ax20 6855MHz Ant A



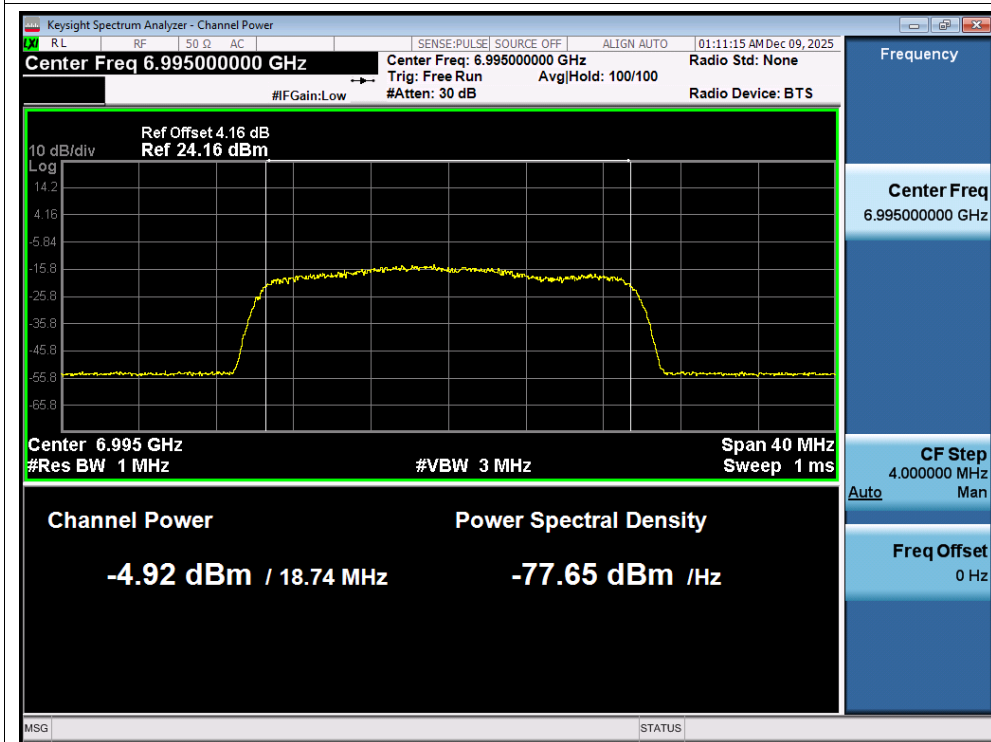
Power NVNT ax20 6875MHz Ant A



Power NVNT ax20 6895MHz Ant A



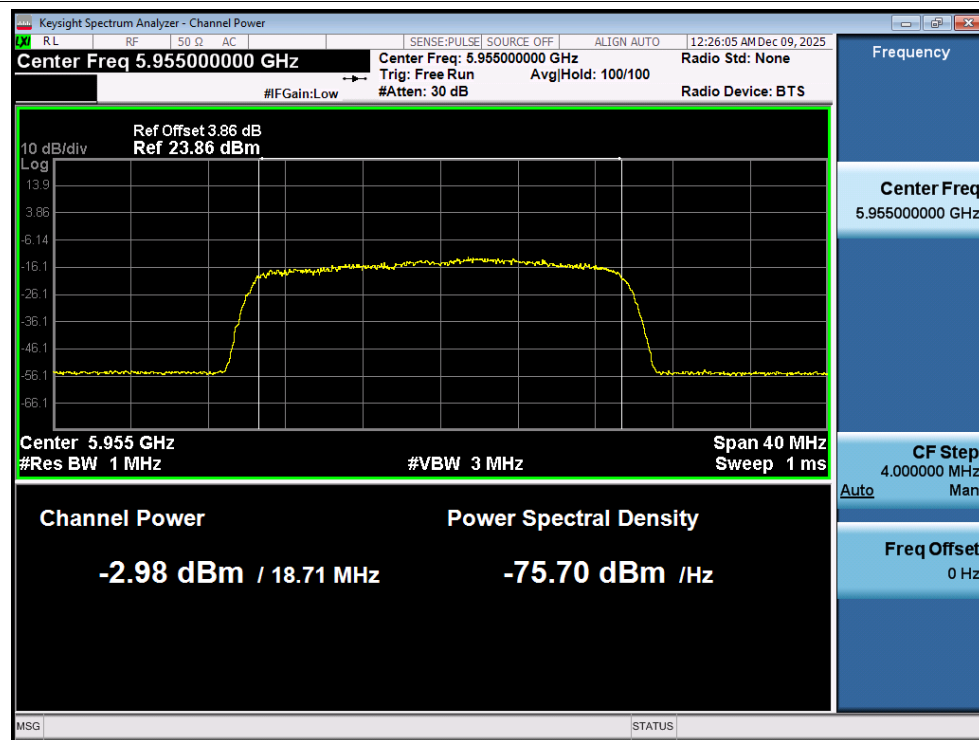
Power NVNT ax20 6995MHz Ant A



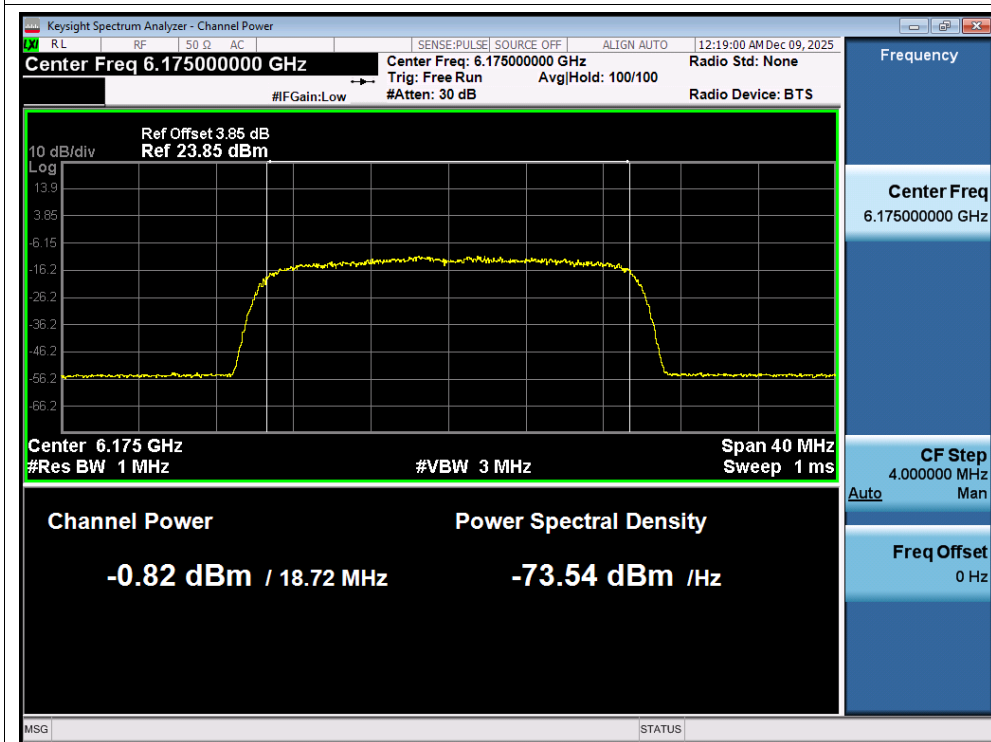
Power NVNT ax20 7115MHz Ant A



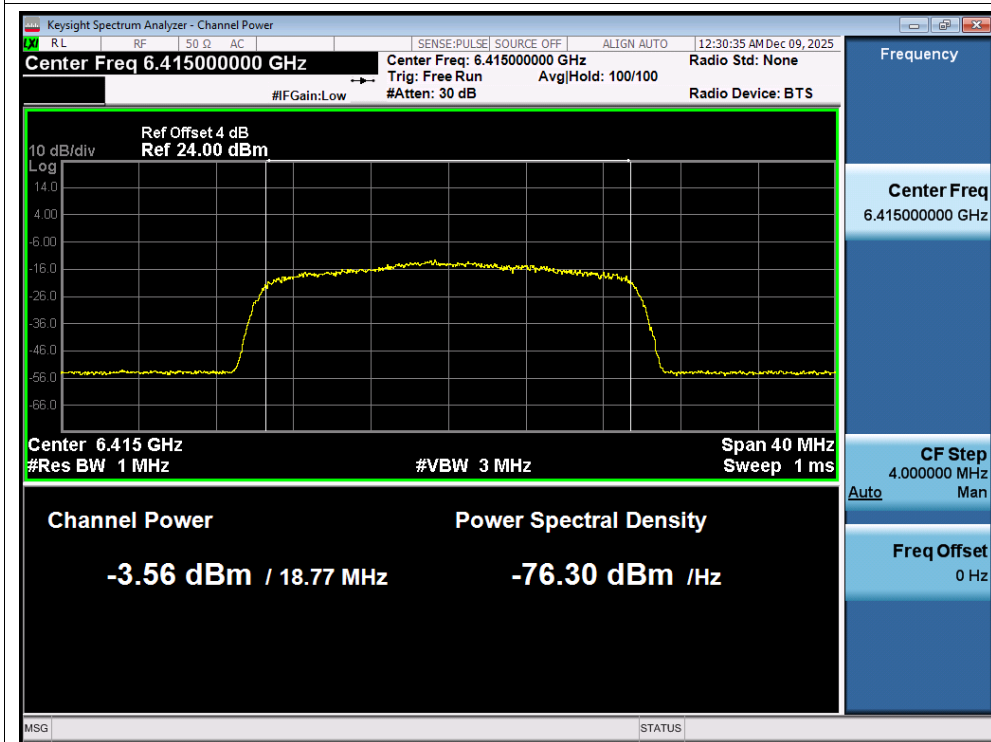
Power NVNT ax20 5955MHz Ant B



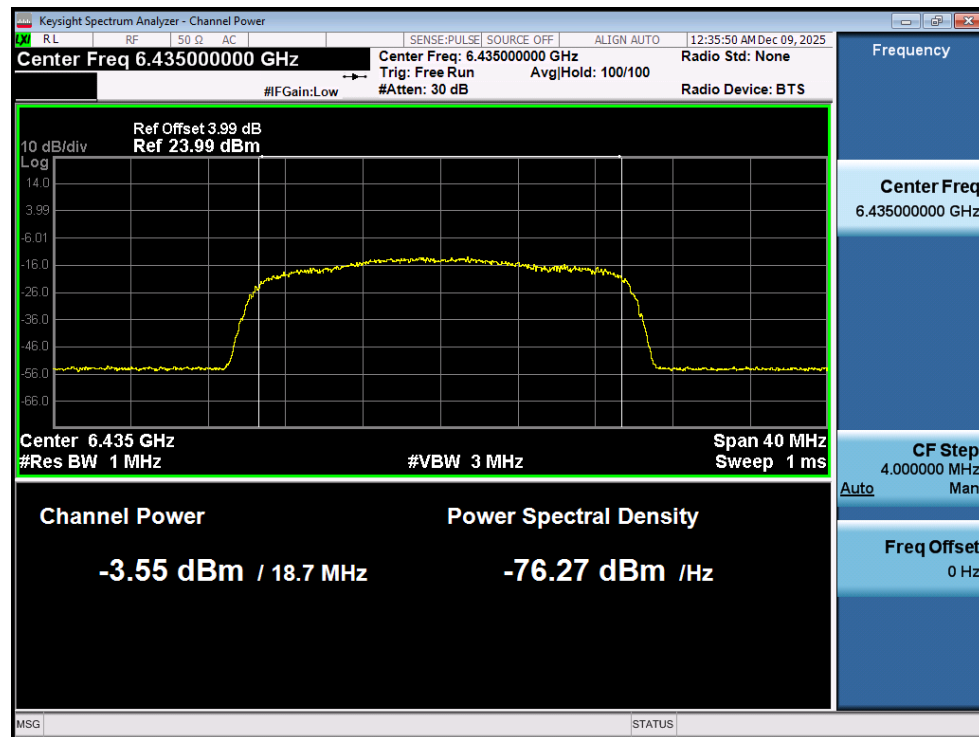
Power NVNT ax20 6175MHz Ant B



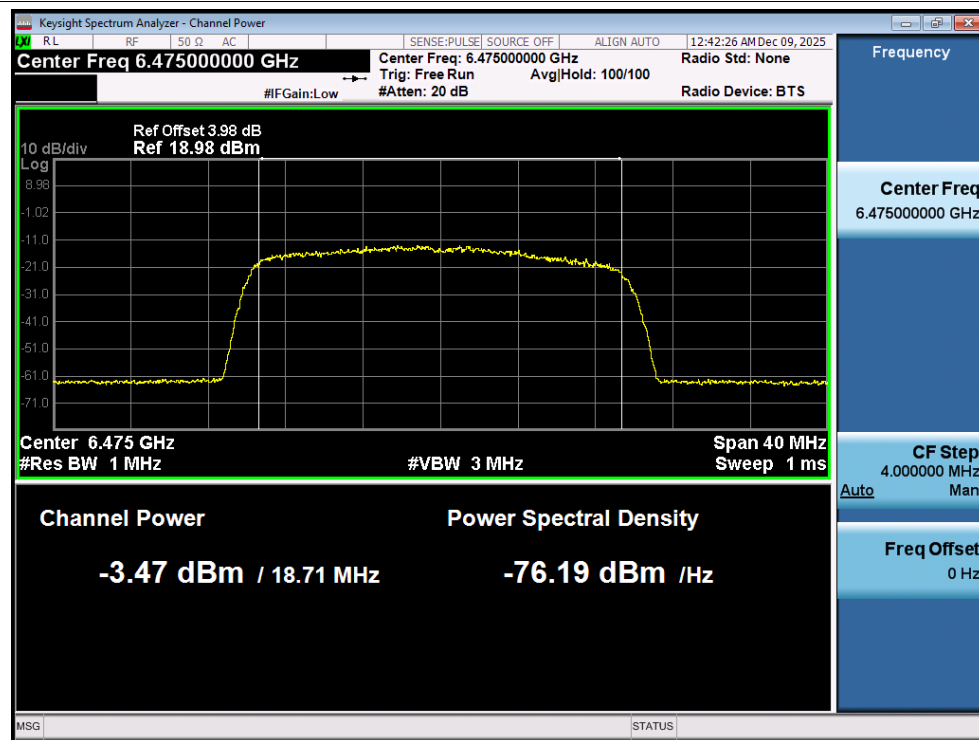
Power NVNT ax20 6415MHz Ant B



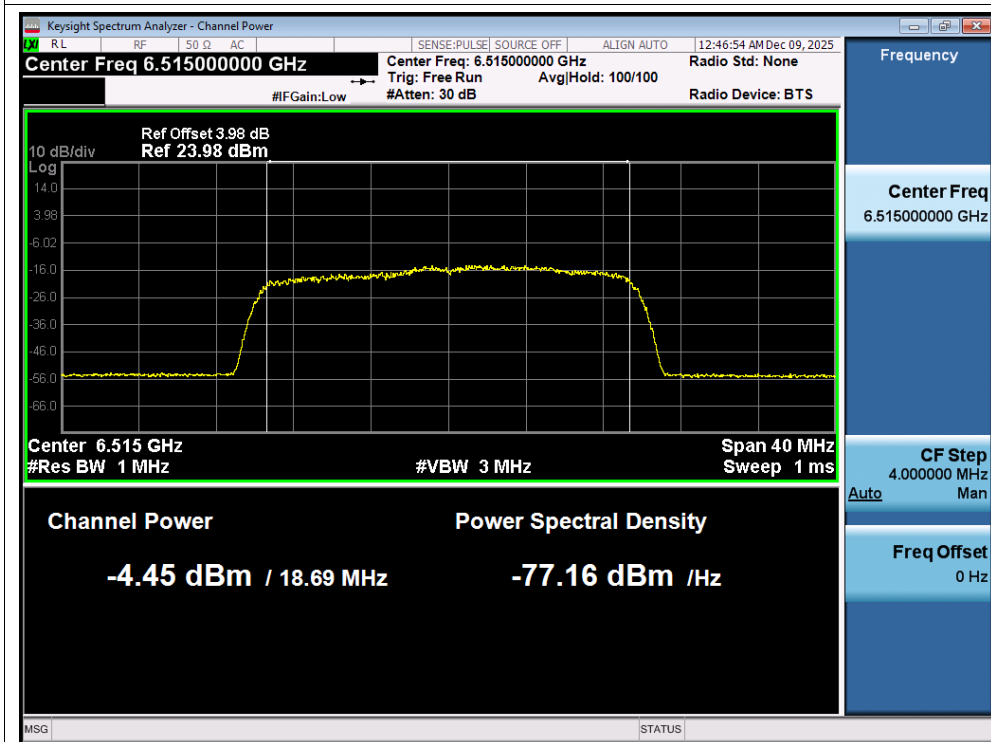
Power NVNT ax20 6435MHz Ant B



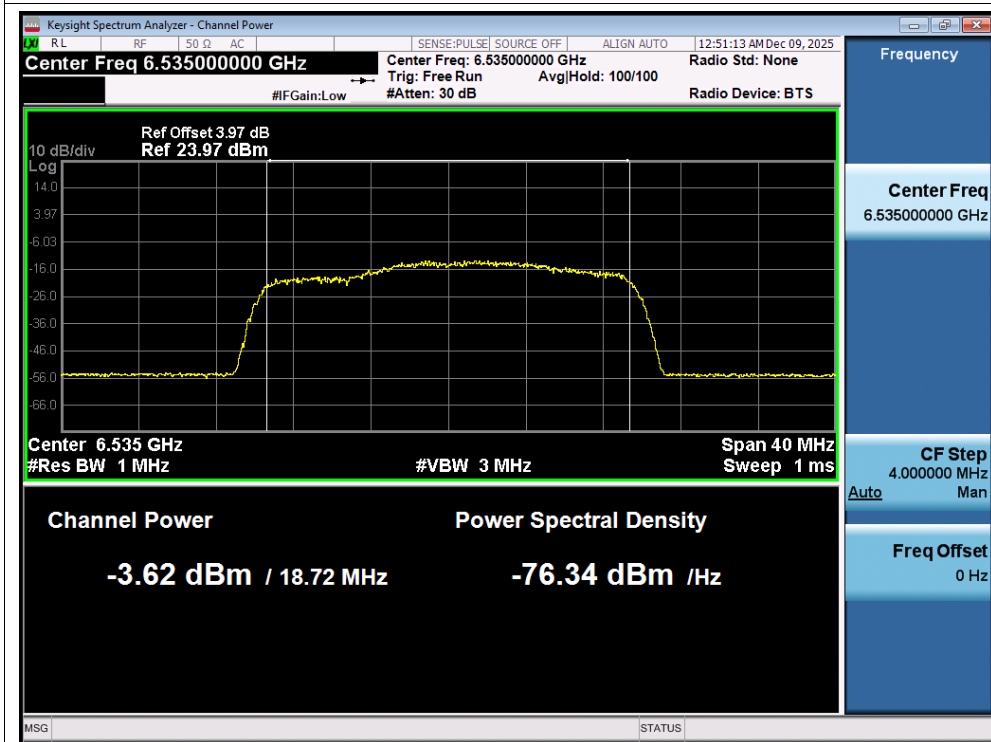
Power NVNT ax20 6475MHz Ant B



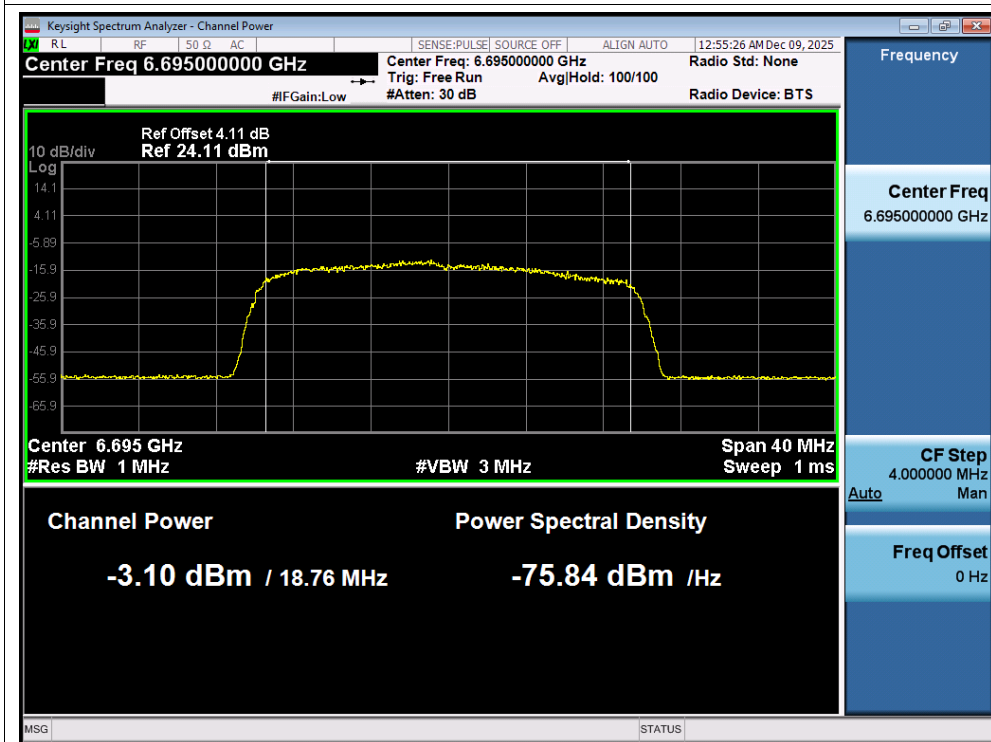
Power NVNT ax20 6515MHz Ant B



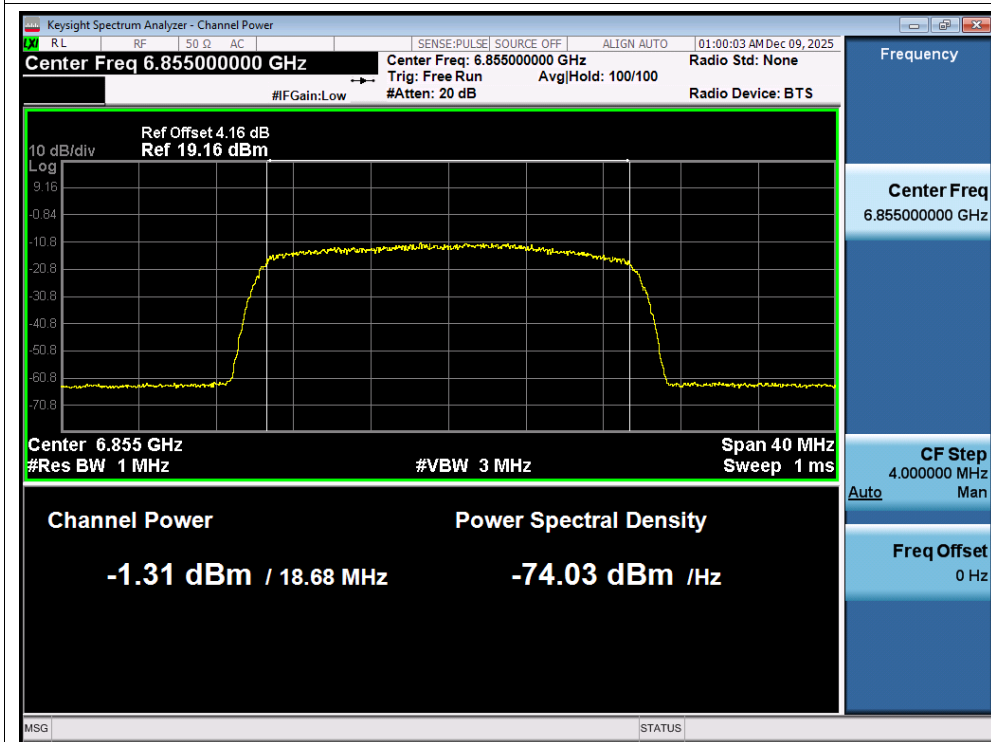
Power NVNT ax20 6535MHz Ant B



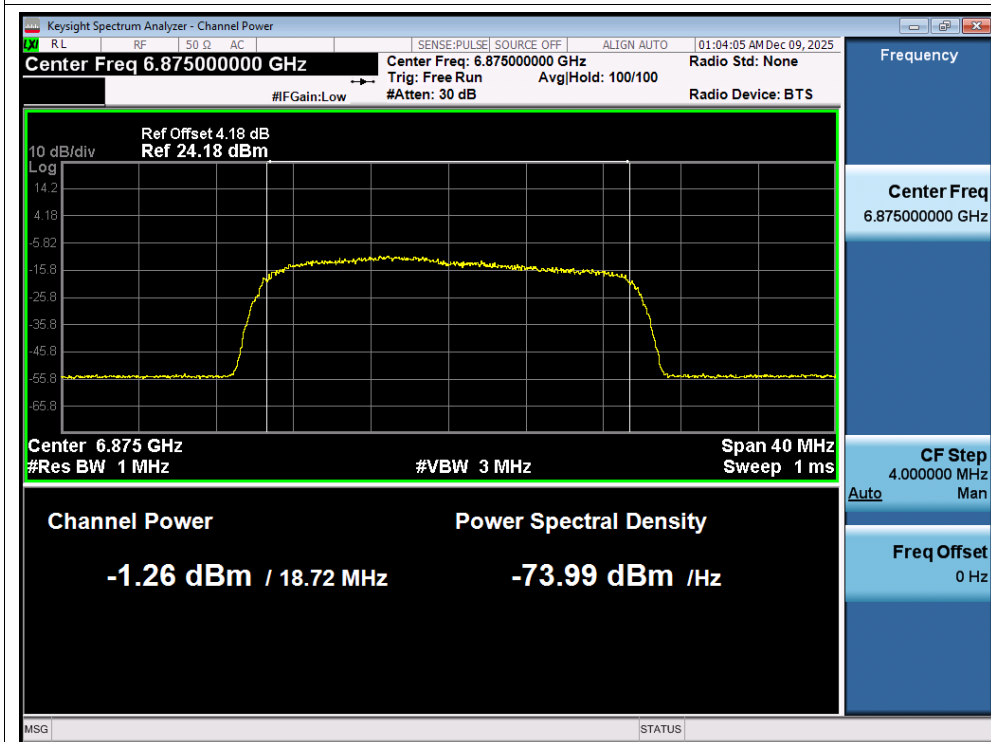
Power NVNT ax20 6695MHz Ant B



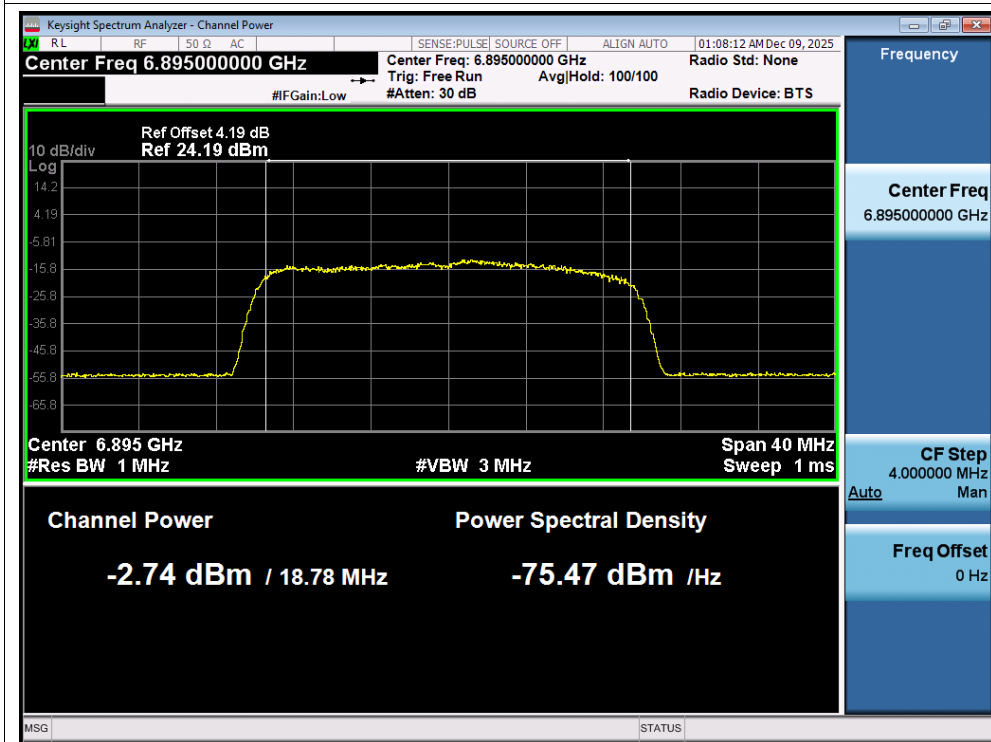
Power NVNT ax20 6855MHz Ant B



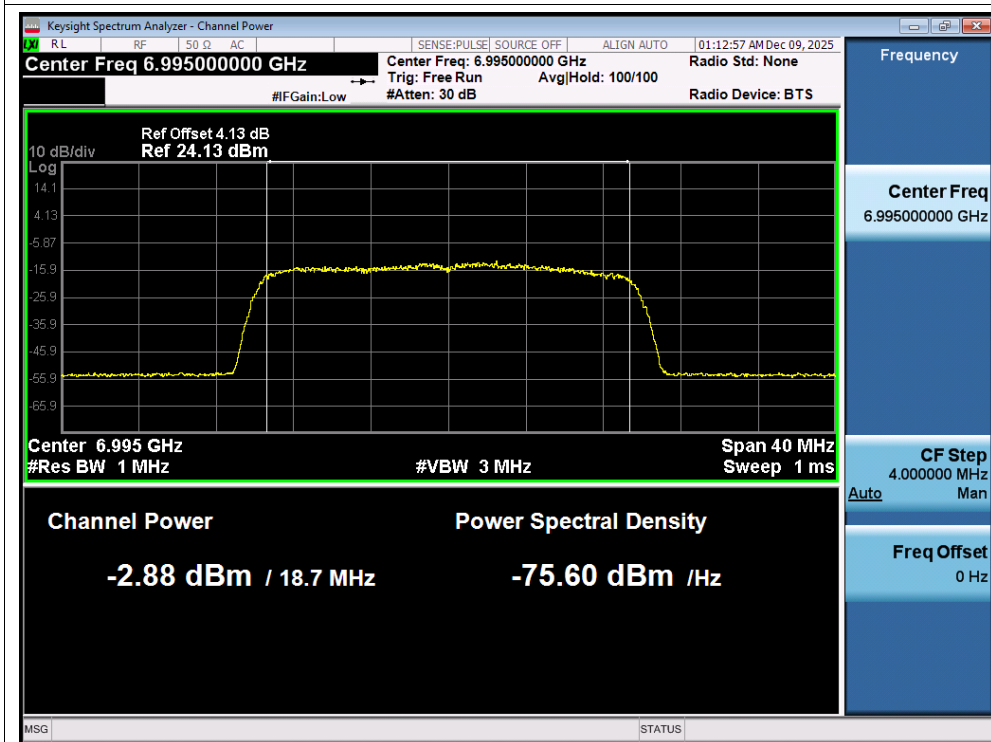
Power NVNT ax20 6875MHz Ant B



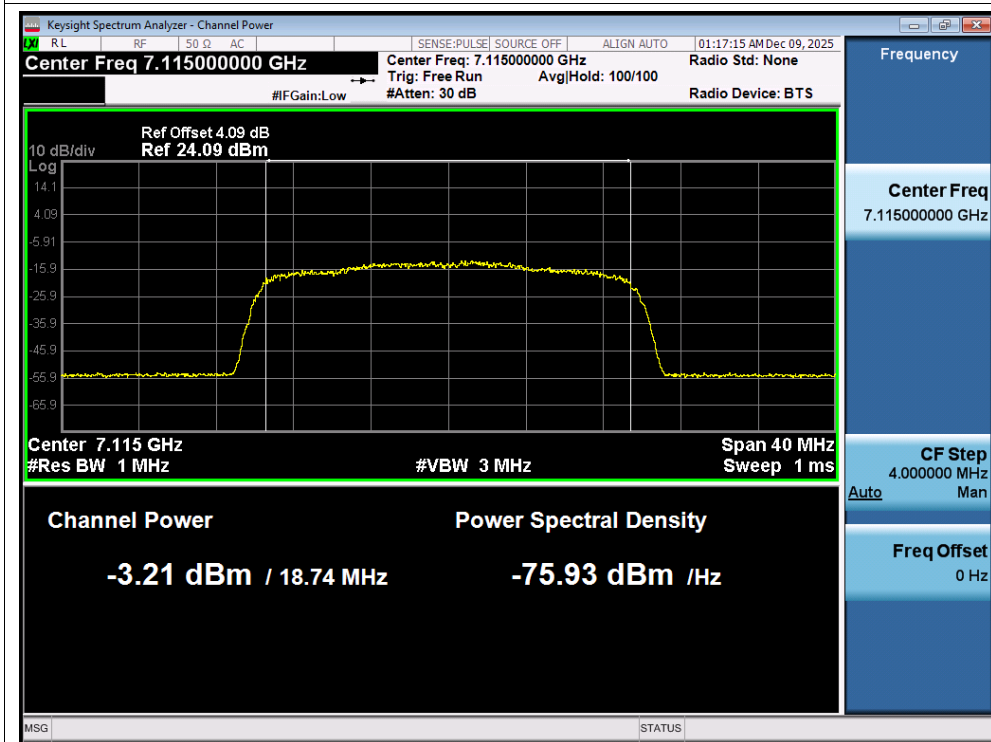
Power NVNT ax20 6895MHz Ant B



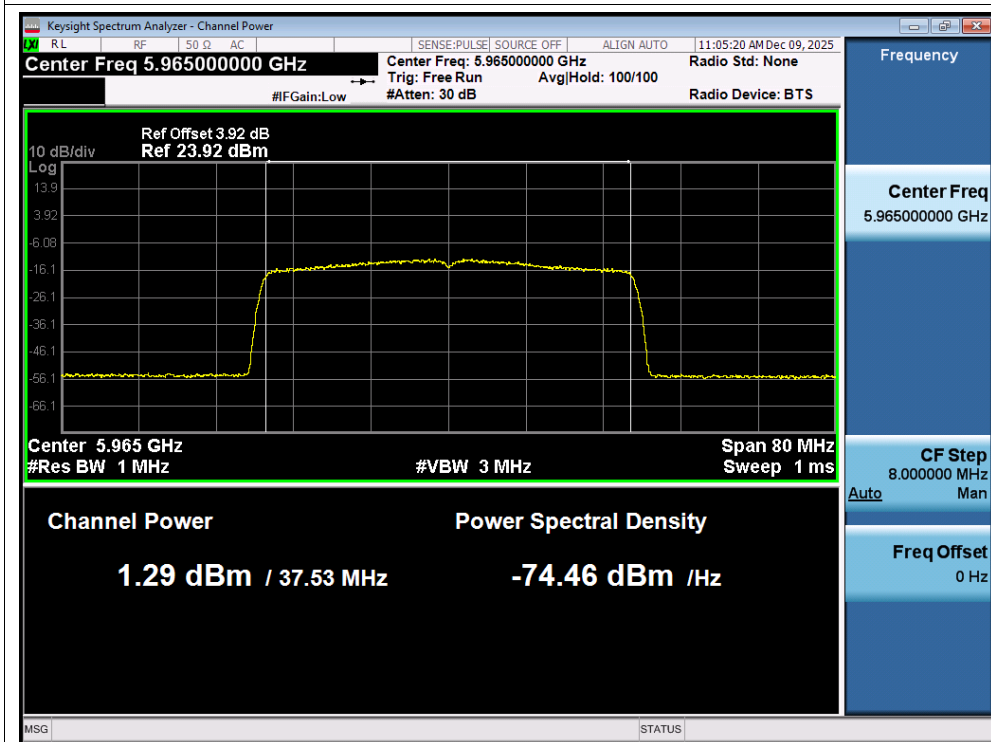
Power NVNT ax20 6995MHz Ant B



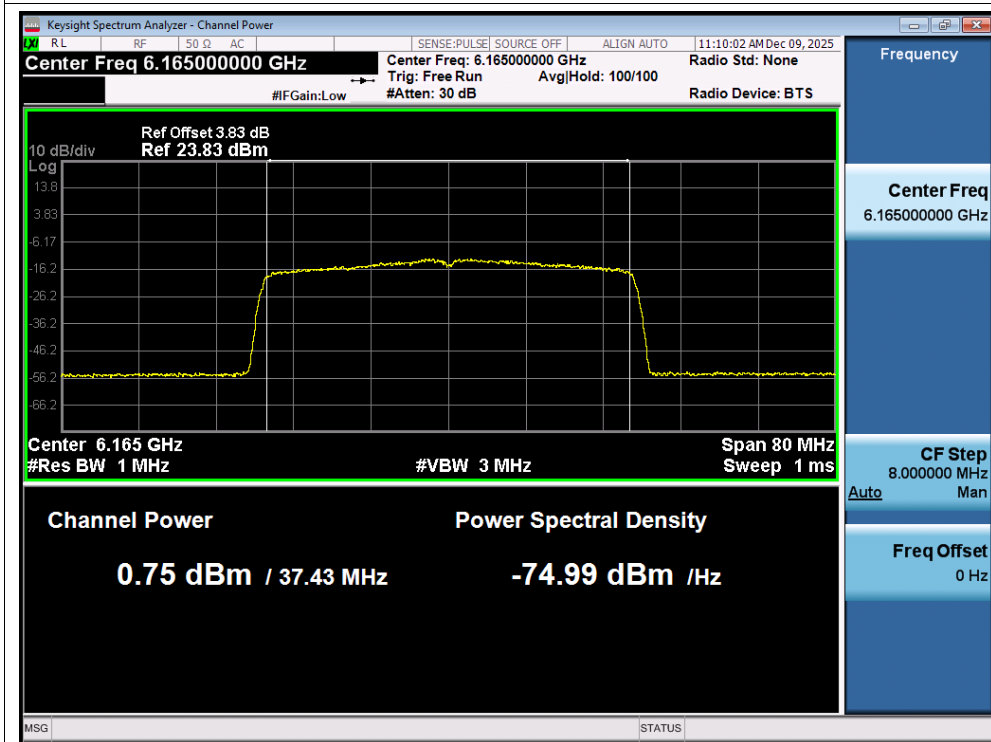
Power NVNT ax20 7115MHz Ant B



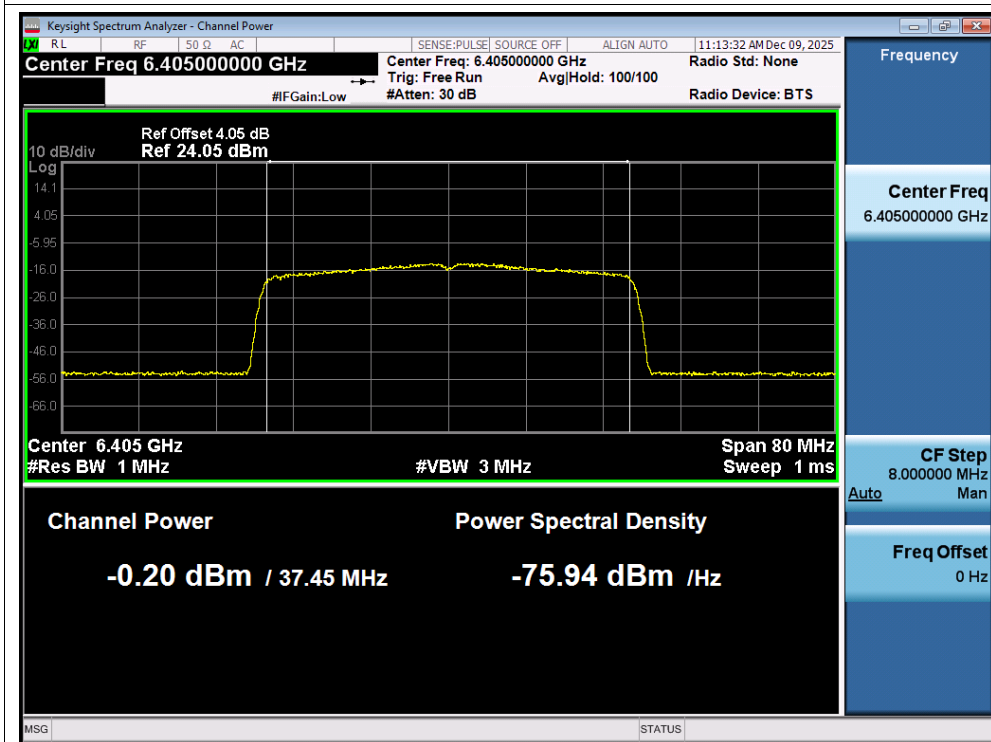
Power NVNT ax40 5965MHz Ant A



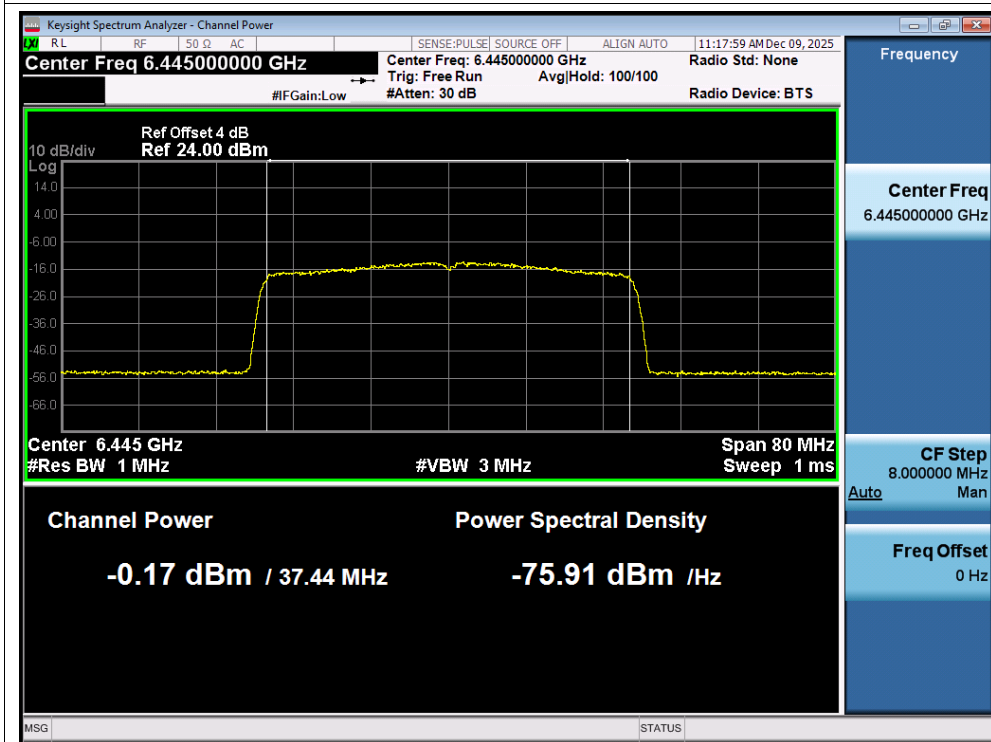
Power NVNT ax40 6165MHz Ant A



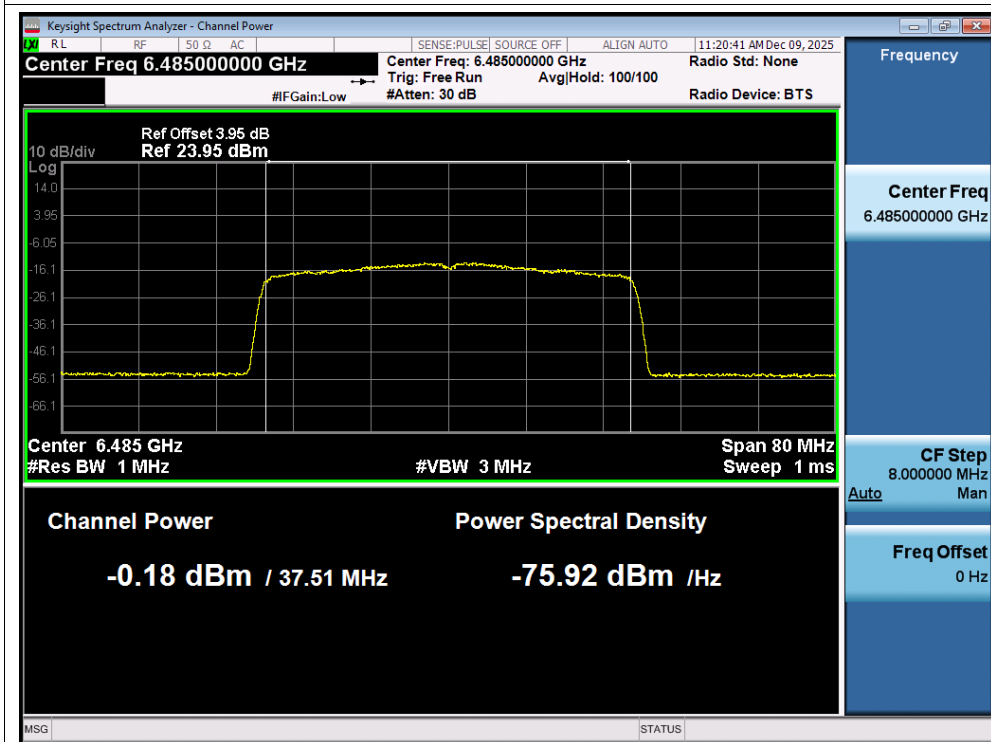
Power NVNT ax40 6405MHz Ant A



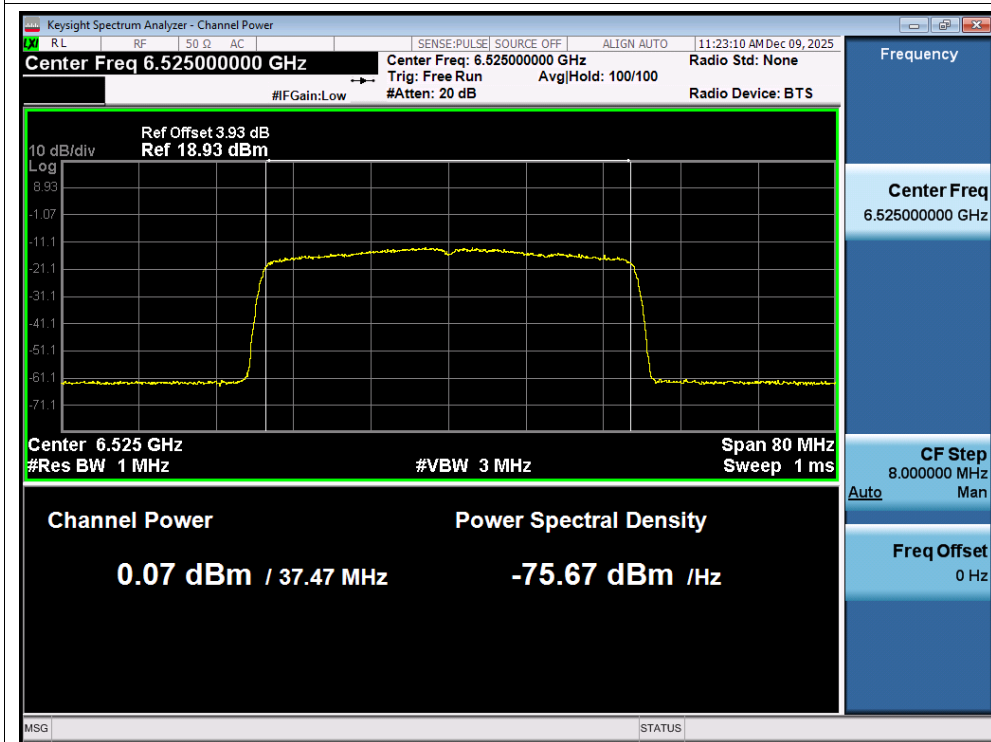
Power NVNT ax40 6445MHz Ant A



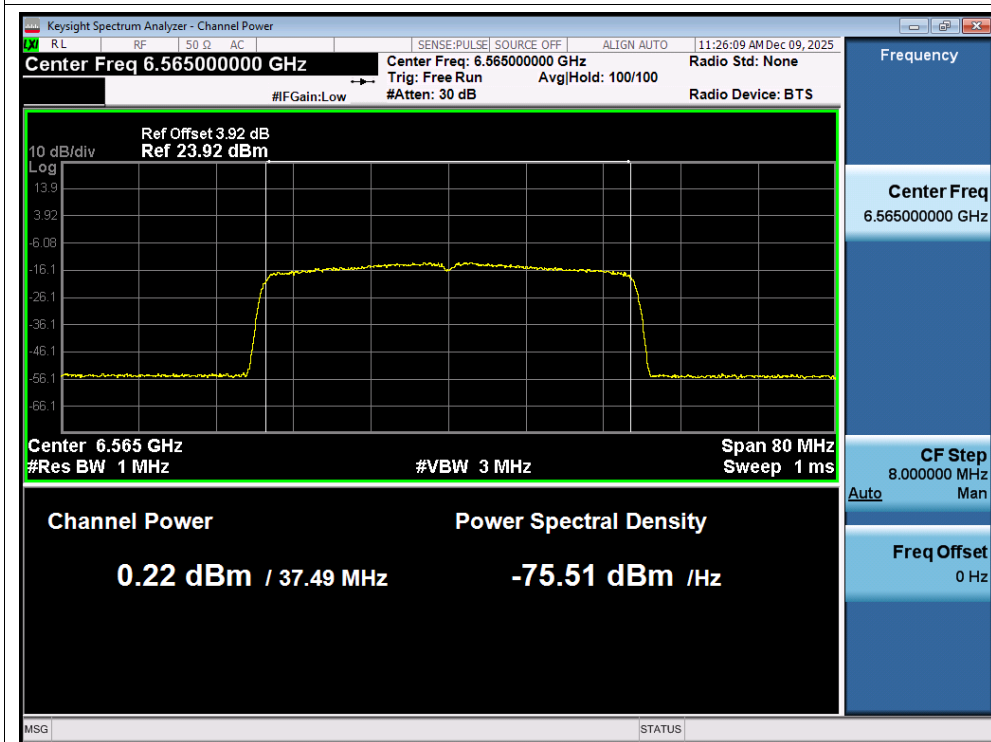
Power NVNT ax40 6485MHz Ant A



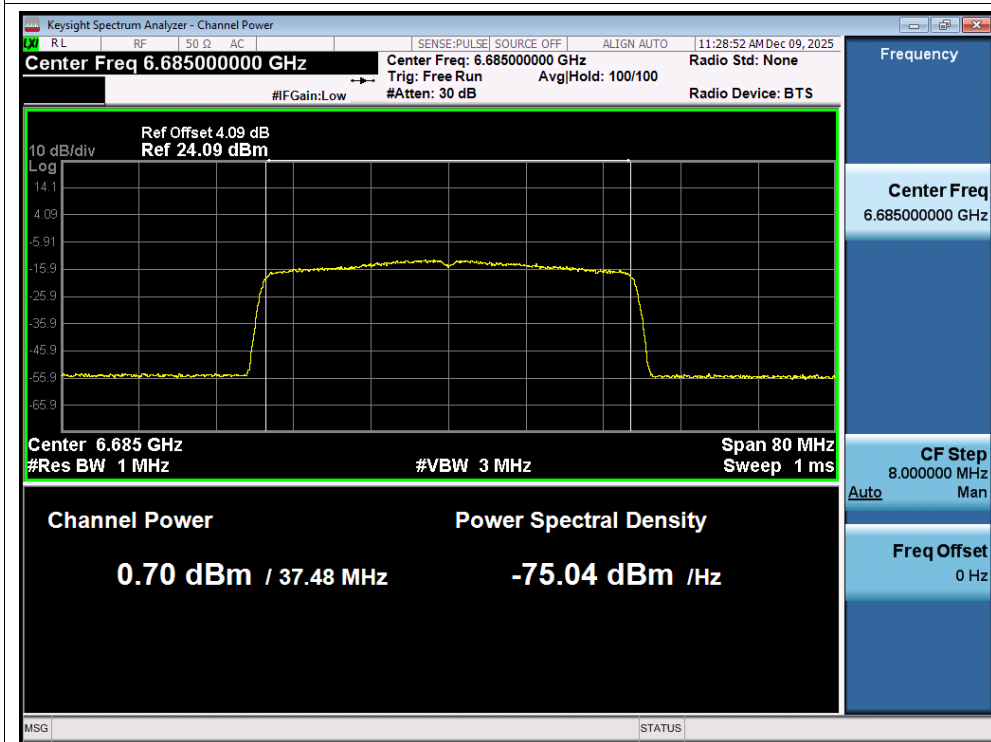
Power NVNT ax40 6525MHz Ant A



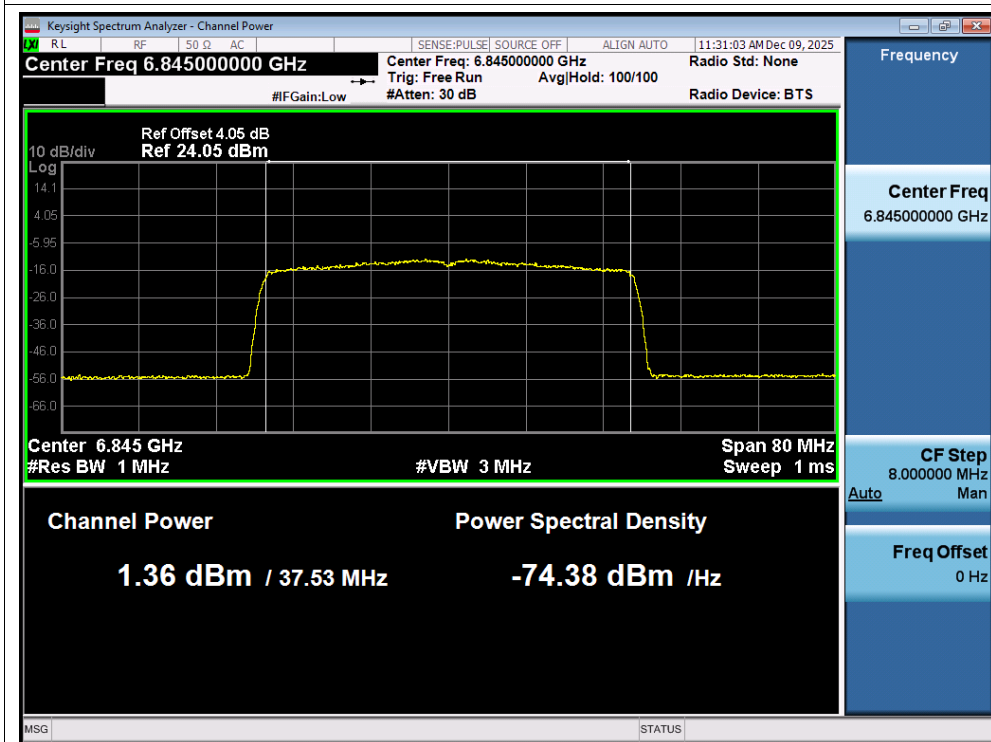
Power NVNT ax40 6565MHz Ant A



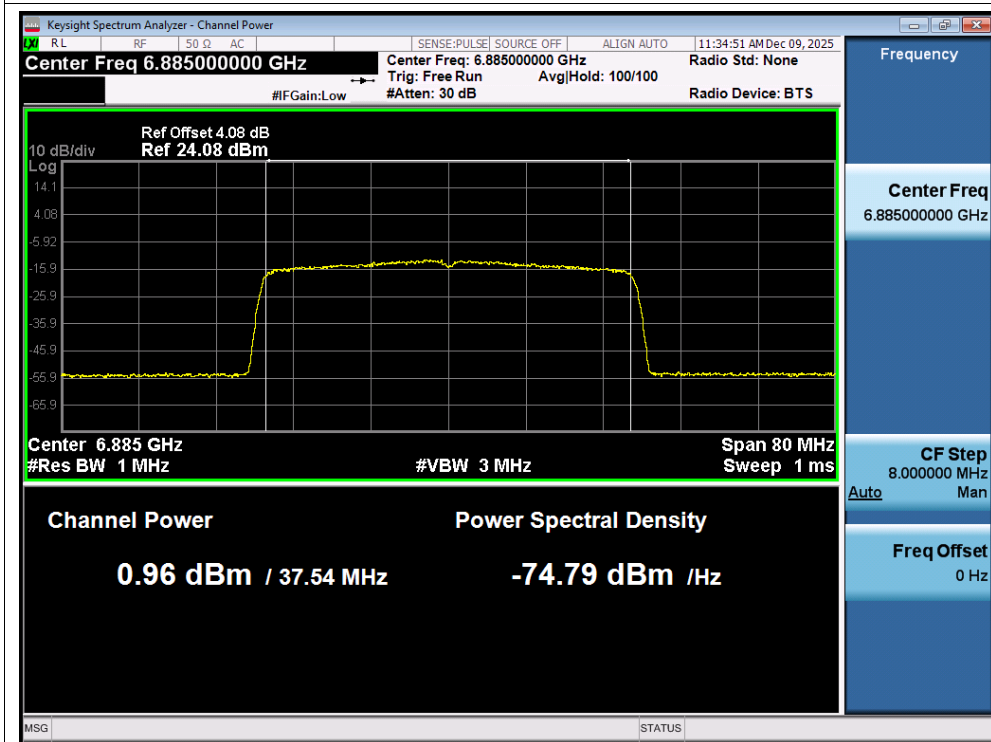
Power NVNT ax40 6685MHz Ant A



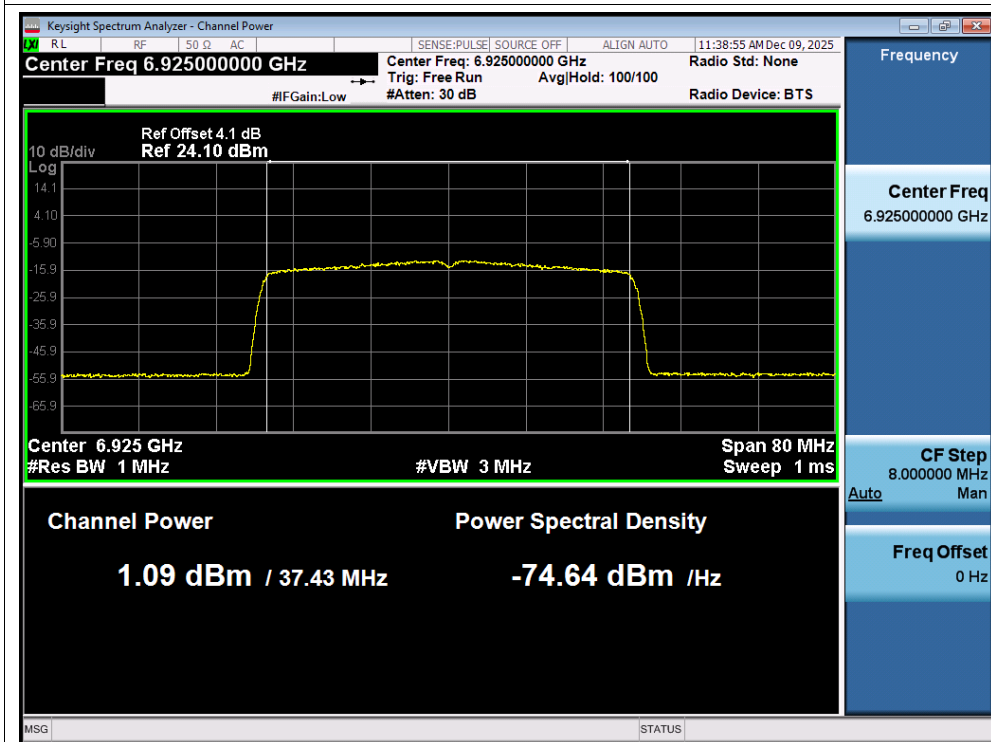
Power NVNT ax40 6845MHz Ant A



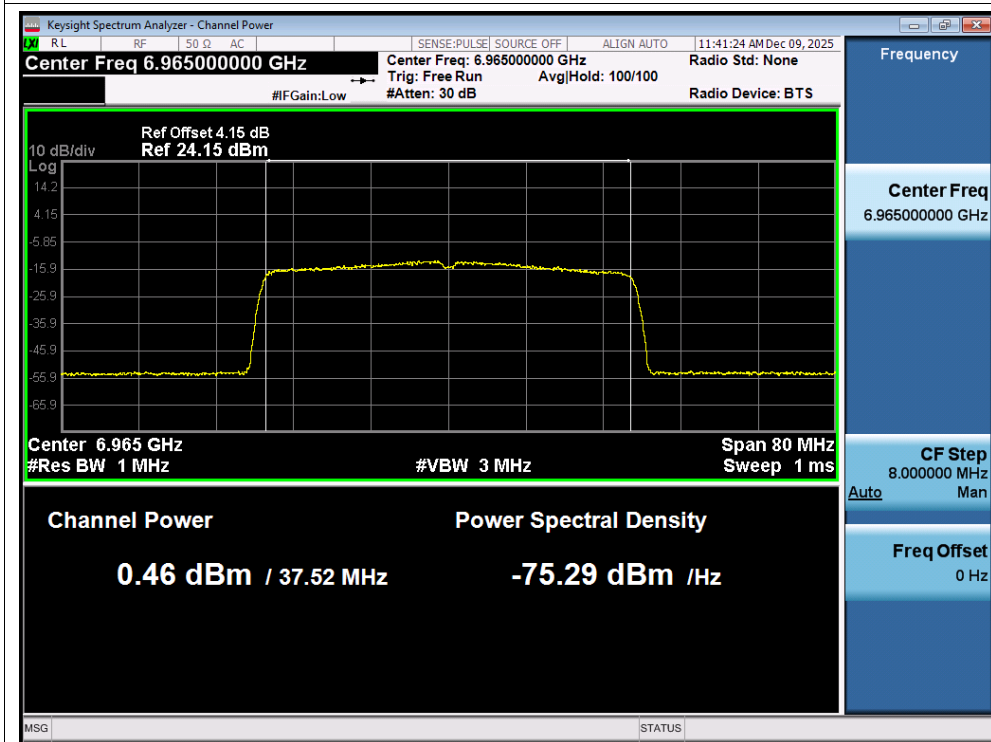
Power NVNT ax40 6885MHz Ant A



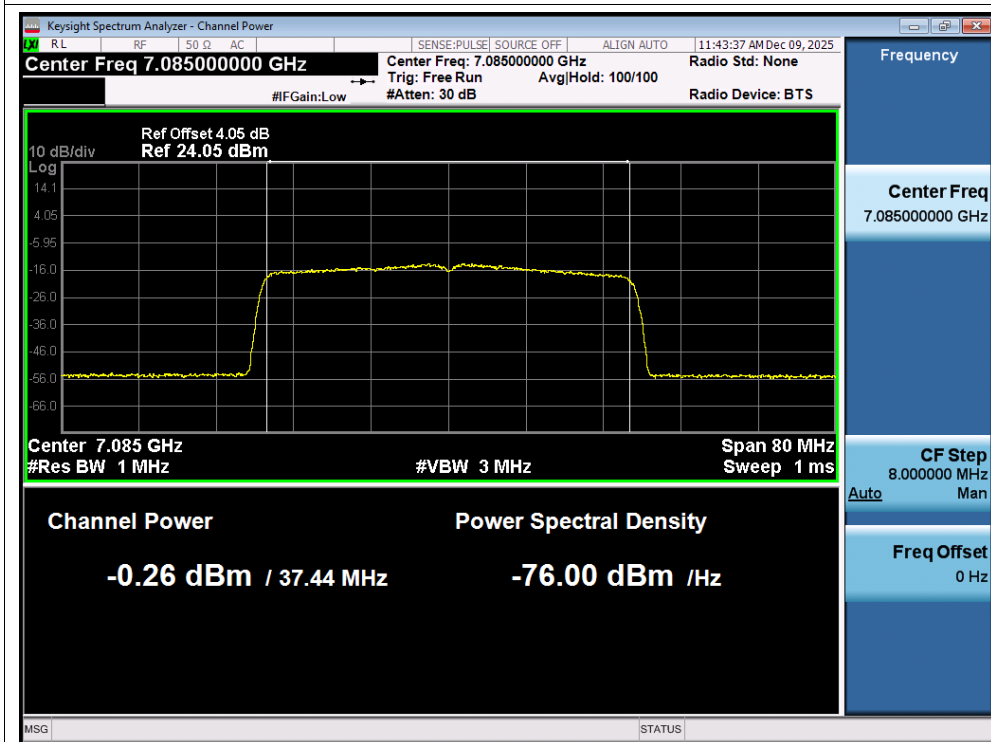
Power NVNT ax40 6925MHz Ant A



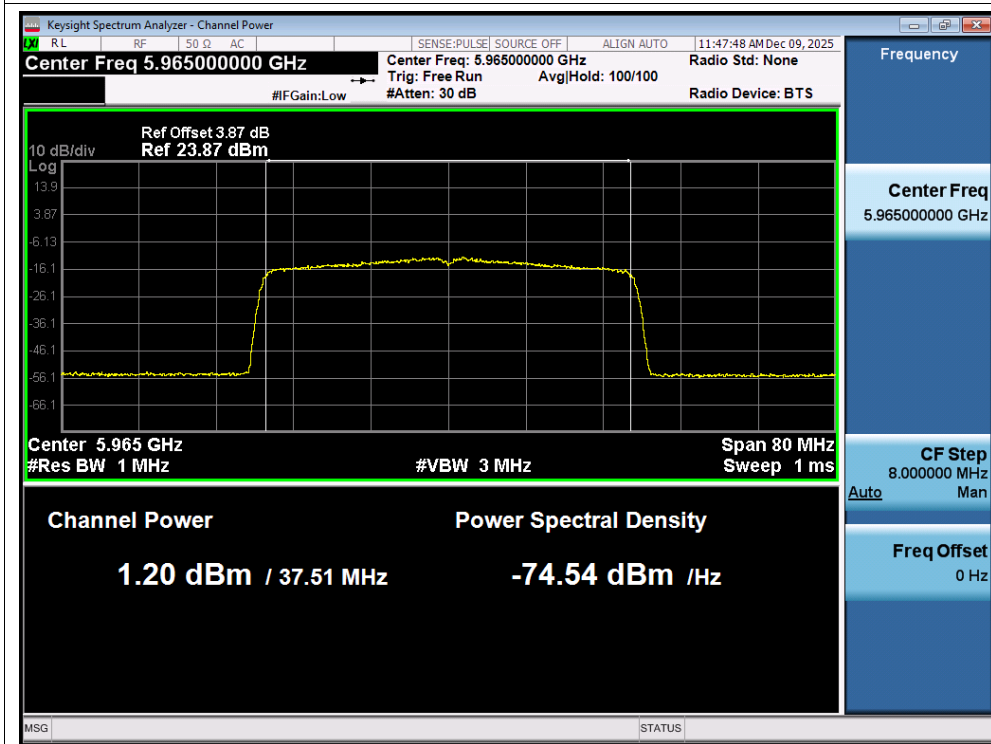
Power NVNT ax40 6965MHz Ant A



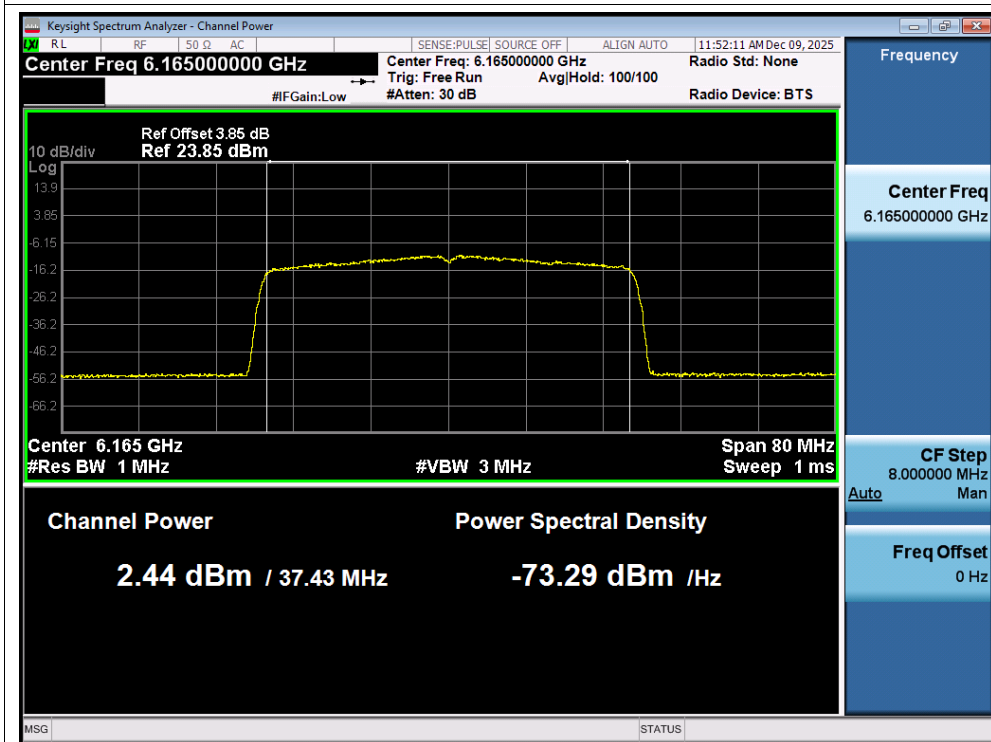
Power NVNT ax40 7085MHz Ant A



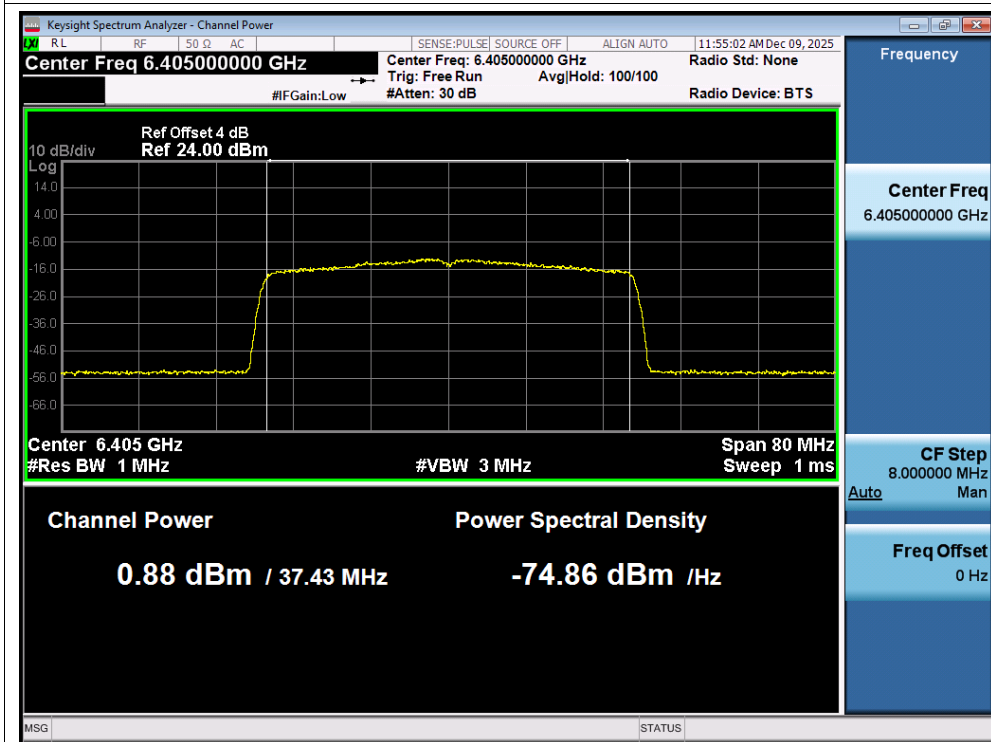
Power NVNT ax40 5965MHz Ant B



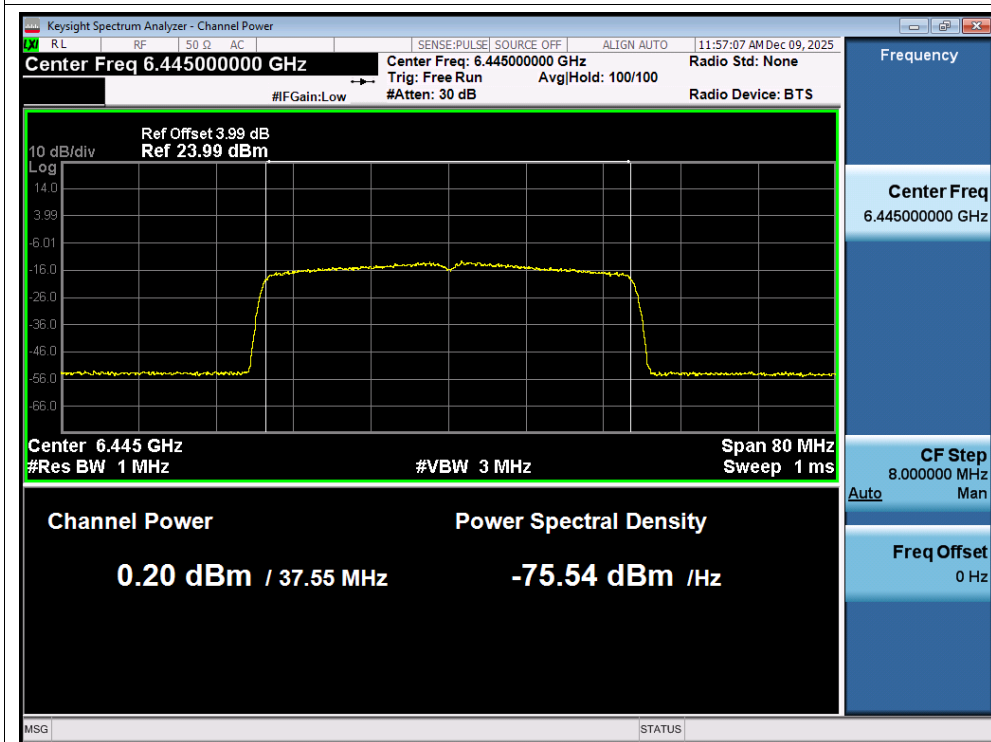
Power NVNT ax40 6165MHz Ant B



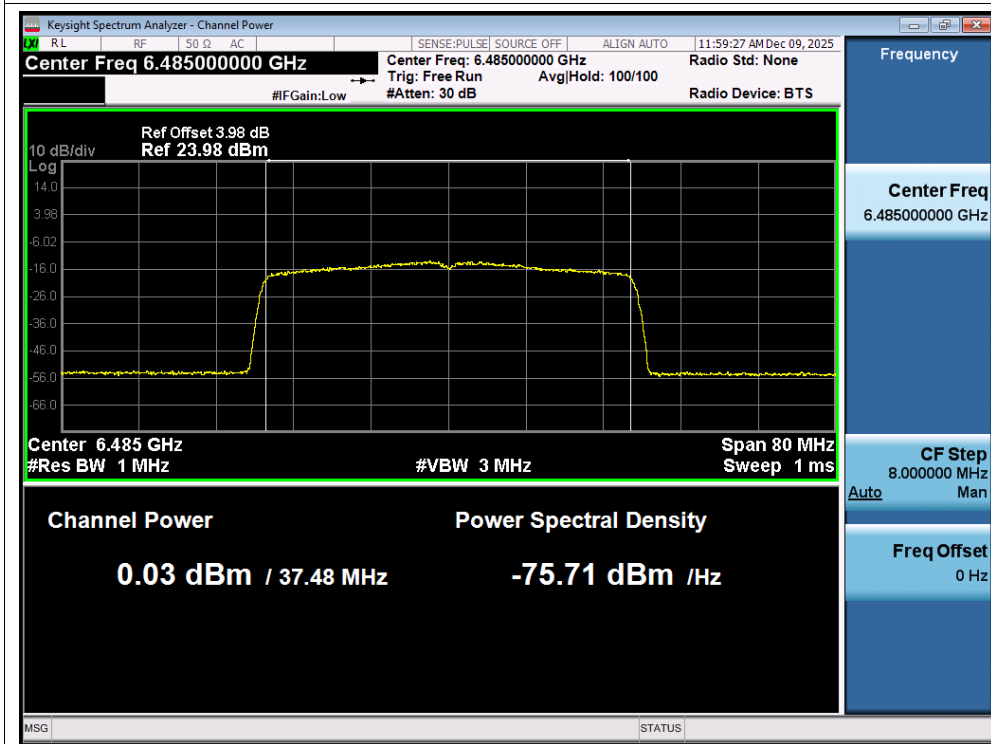
Power NVNT ax40 6405MHz Ant B



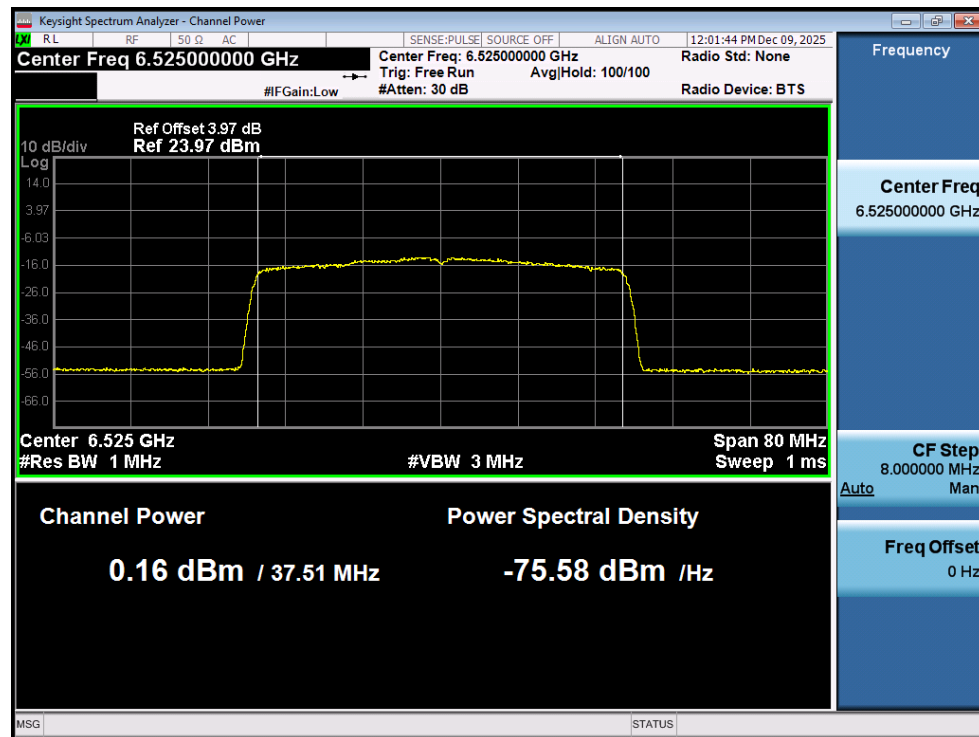
Power NVNT ax40 6445MHz Ant B



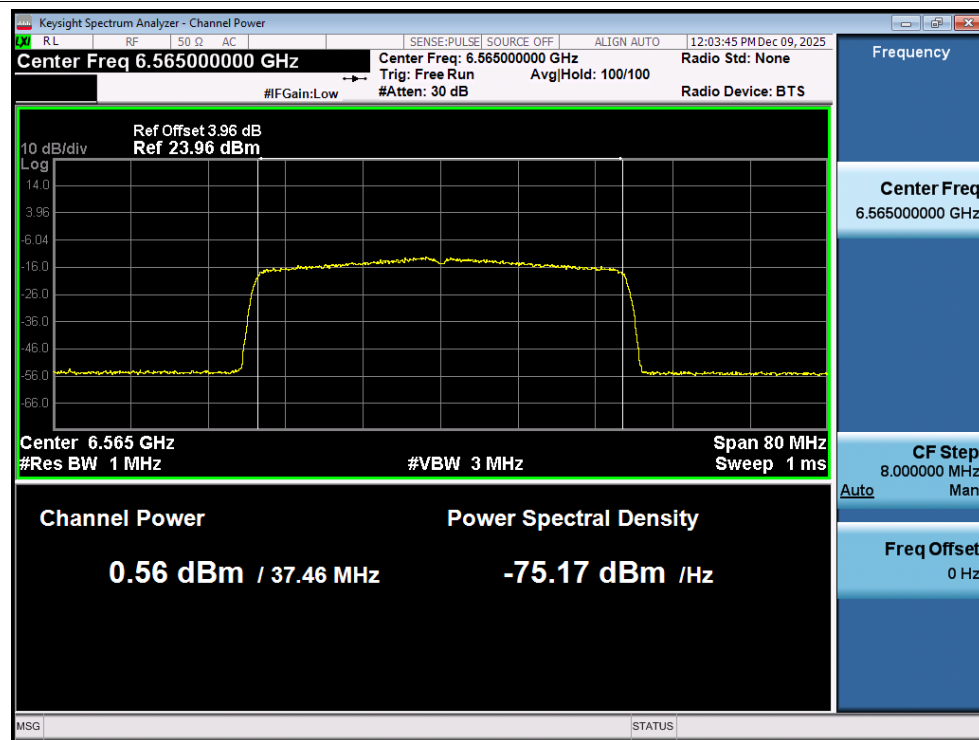
Power NVNT ax40 6485MHz Ant B



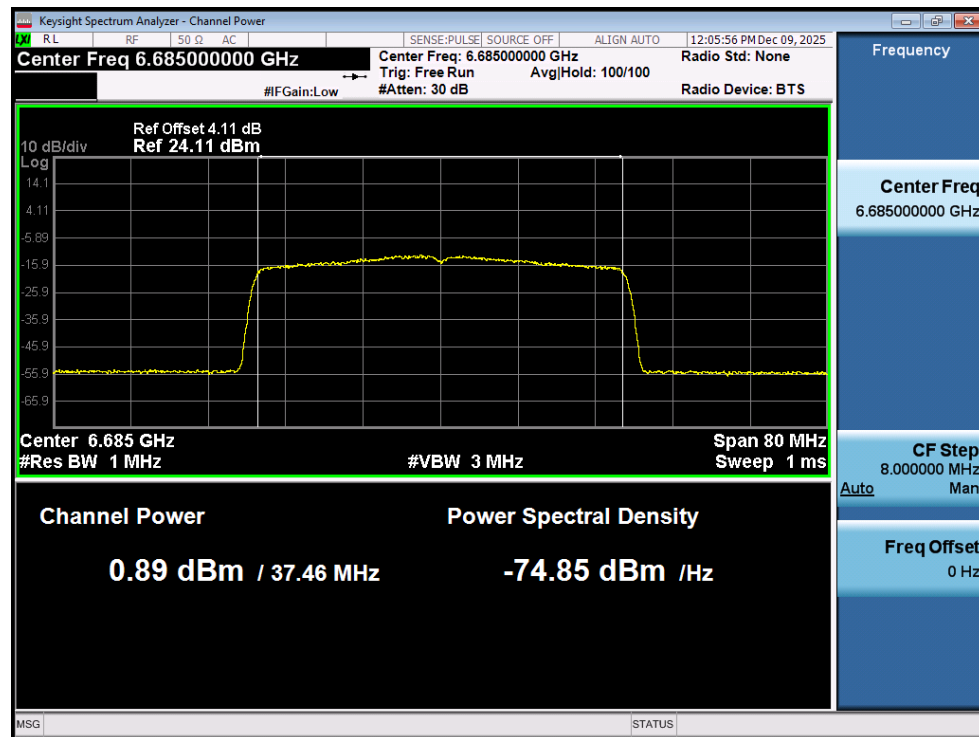
Power NVNT ax40 6525MHz Ant B



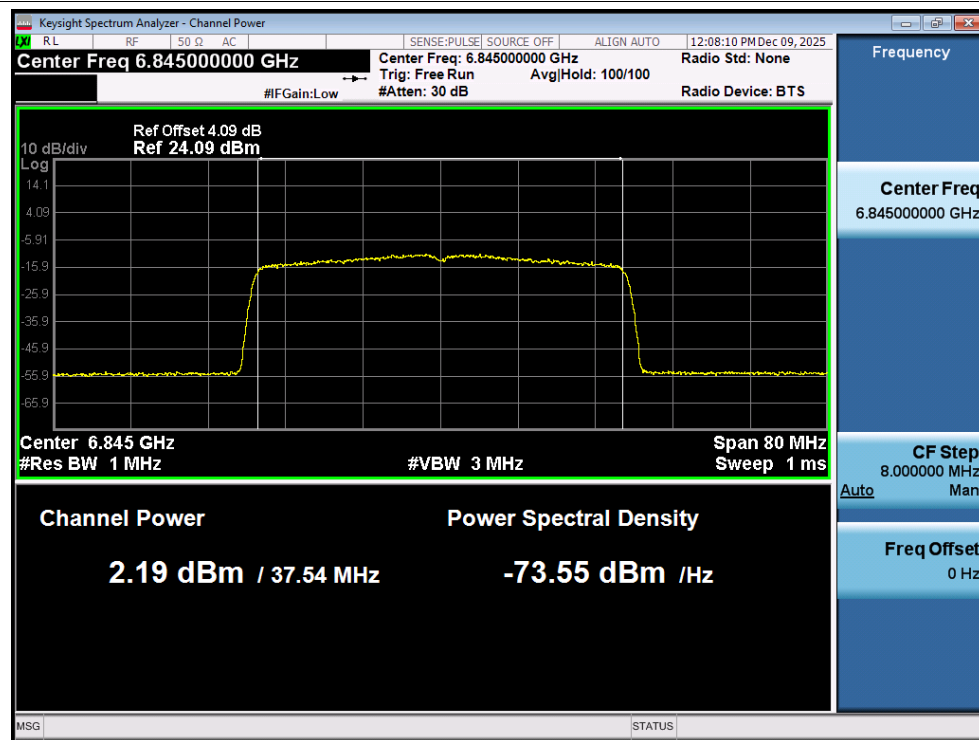
Power NVNT ax40 6565MHz Ant B



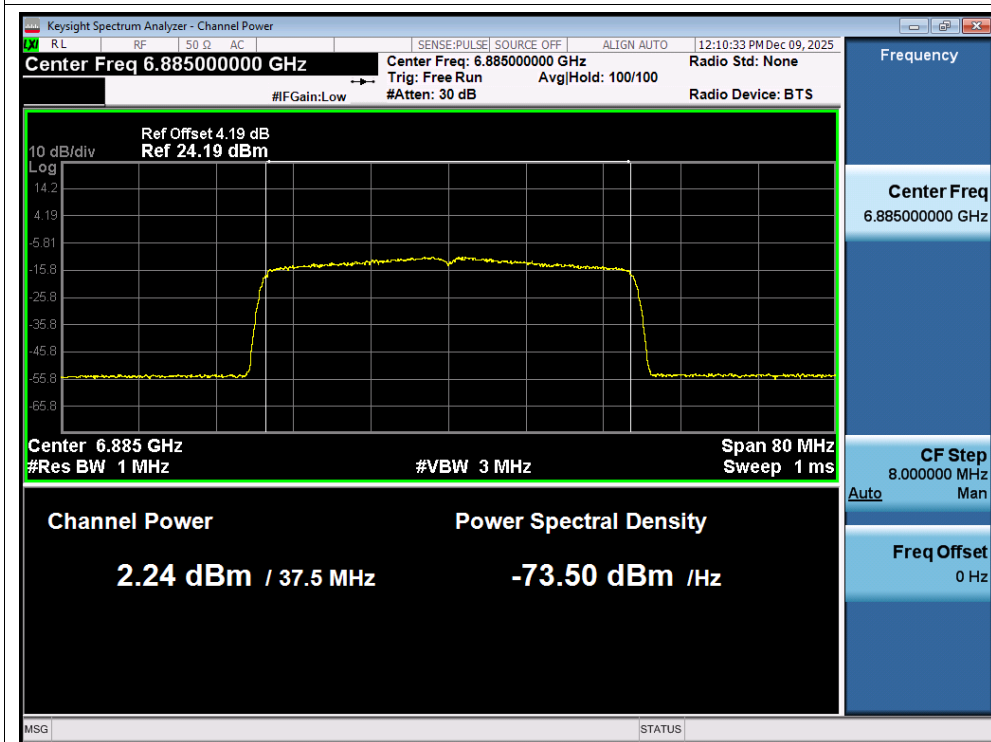
Power NVNT ax40 6685MHz Ant B



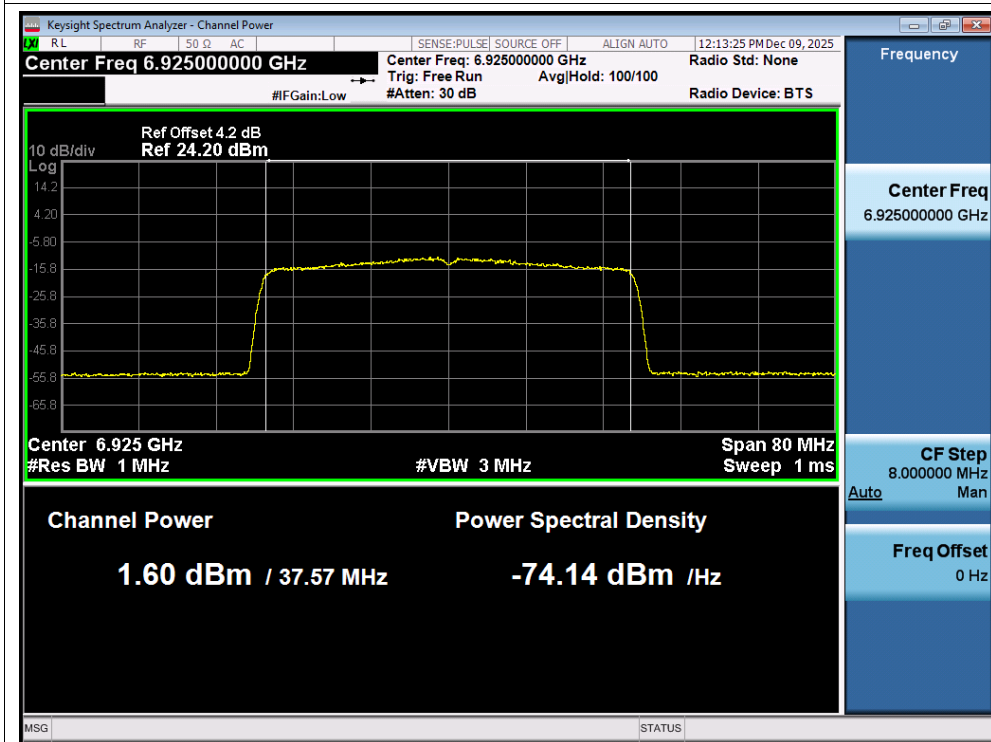
Power NVNT ax40 6845MHz Ant B



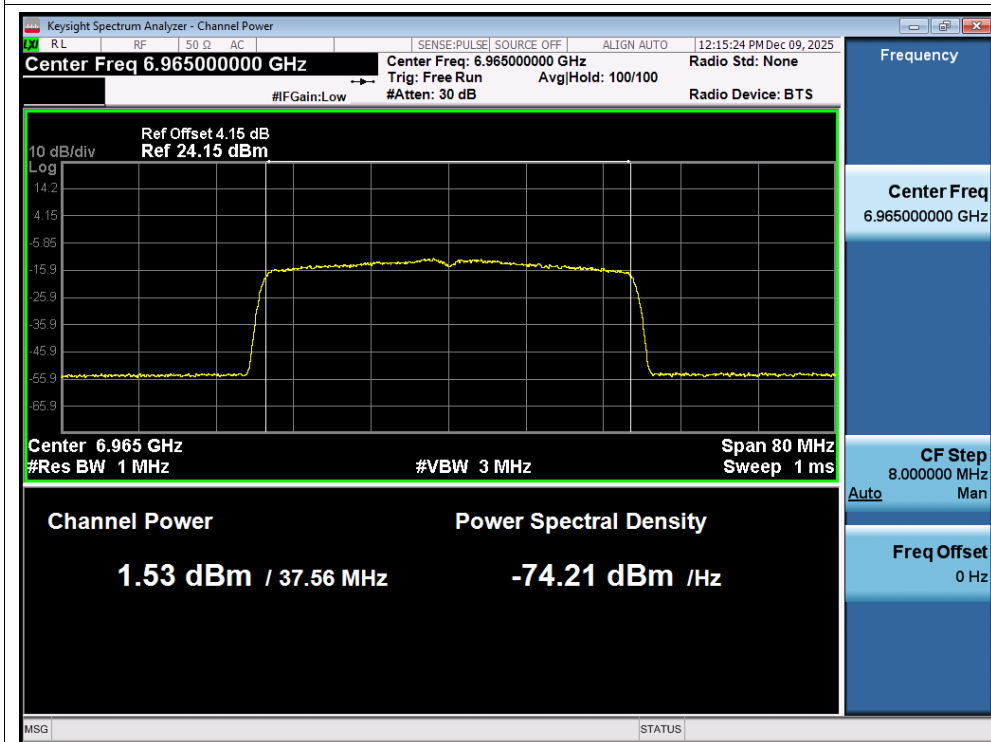
Power NVNT ax40 6885MHz Ant B



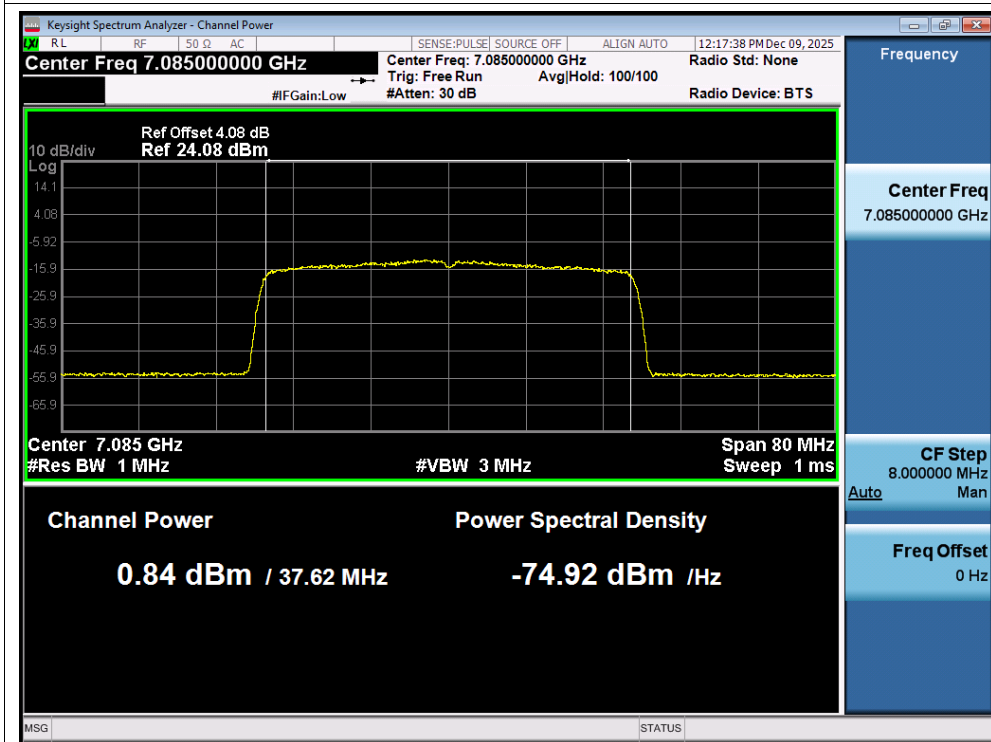
Power NVNT ax40 6925MHz Ant B



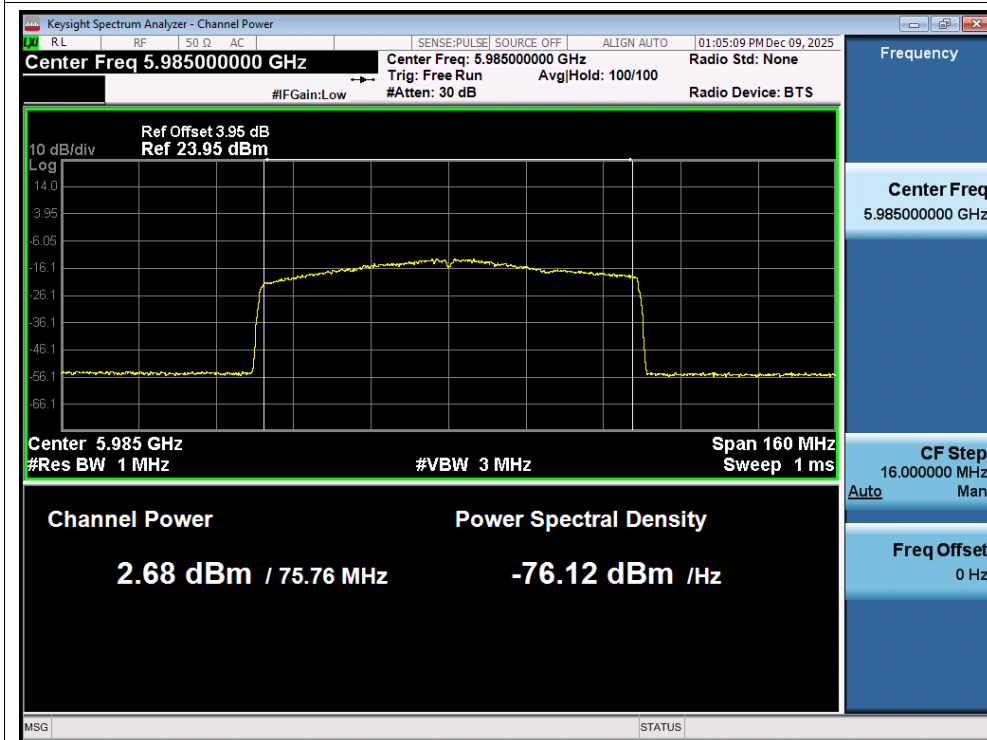
Power NVNT ax40 6965MHz Ant B



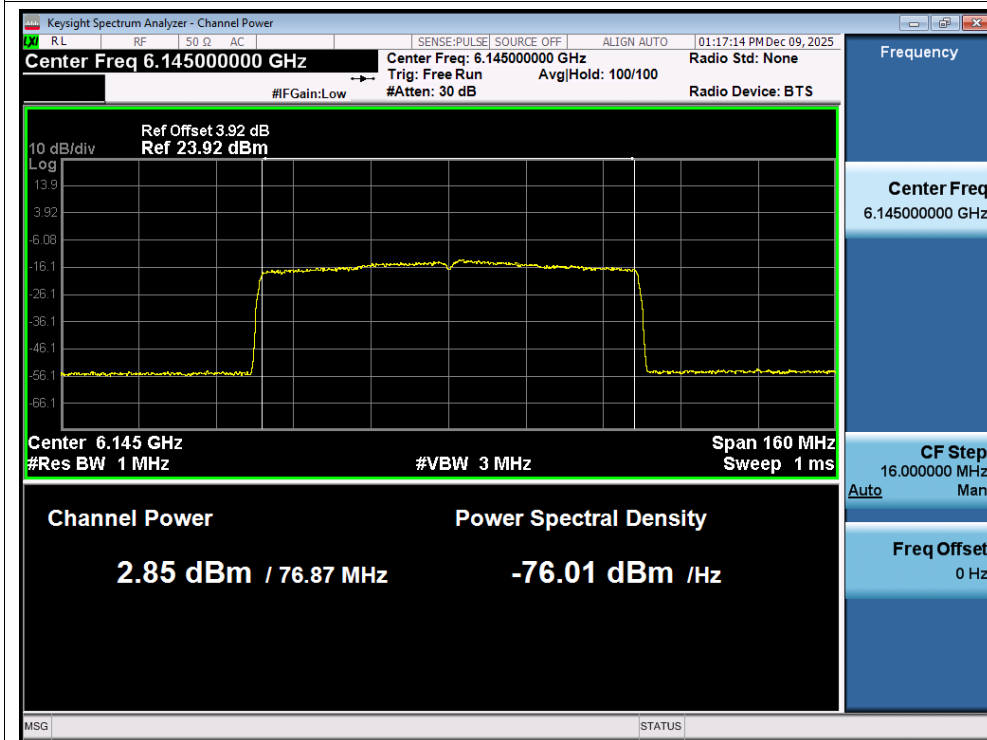
Power NVNT ax40 7085MHz Ant B



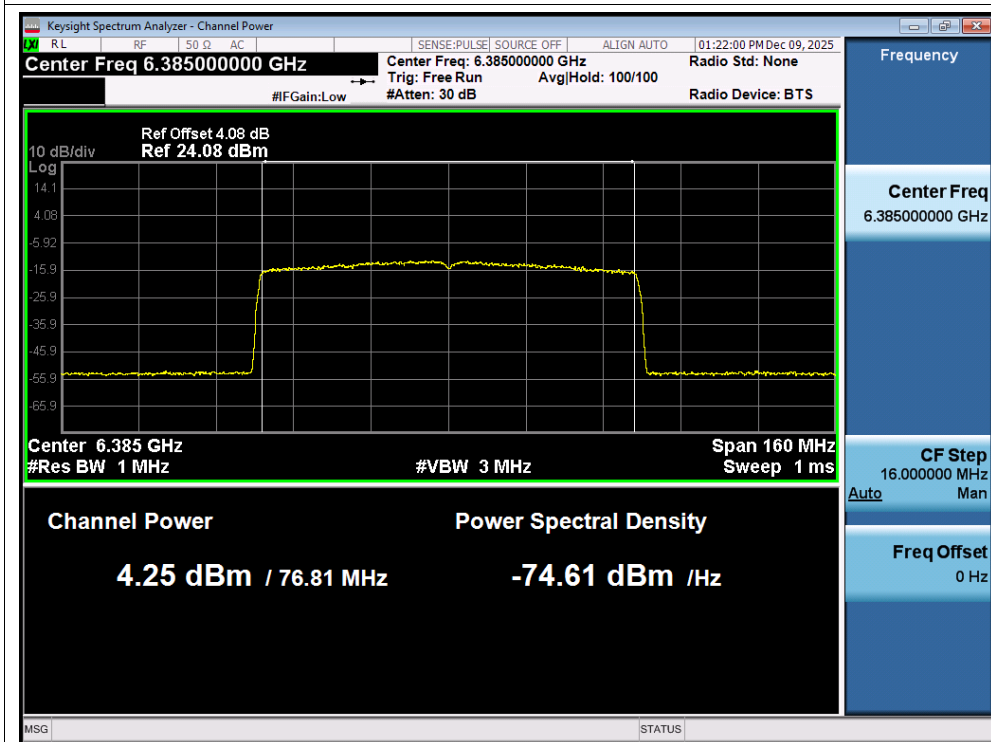
Power NVNT ax80 5985MHz Ant A



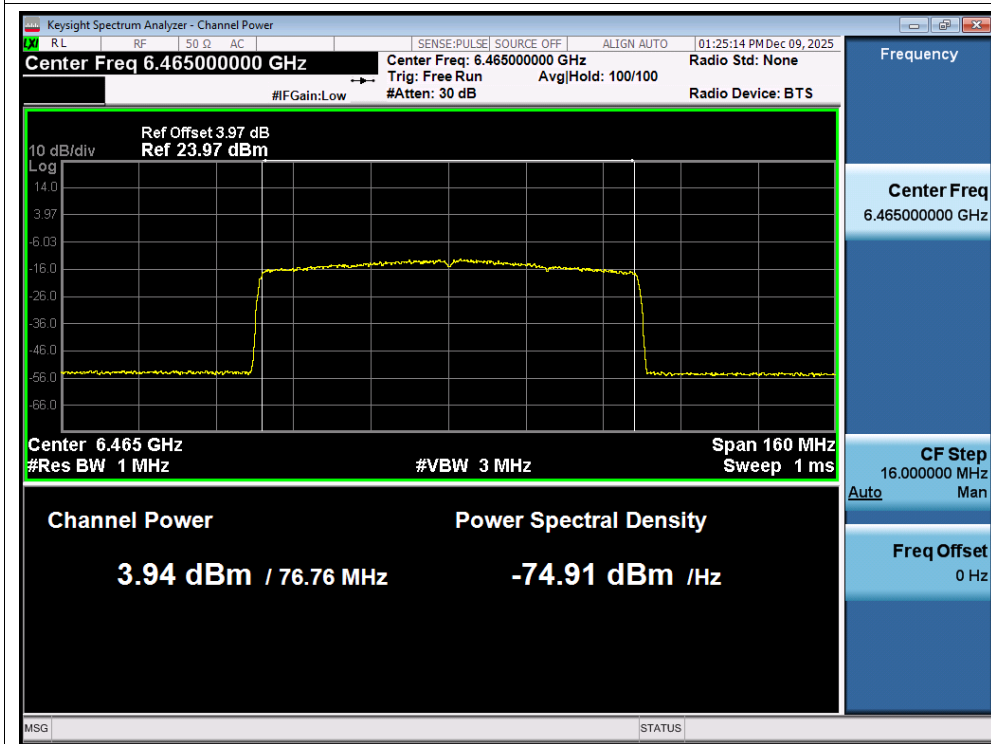
Power NVNT ax80 6145MHz Ant A



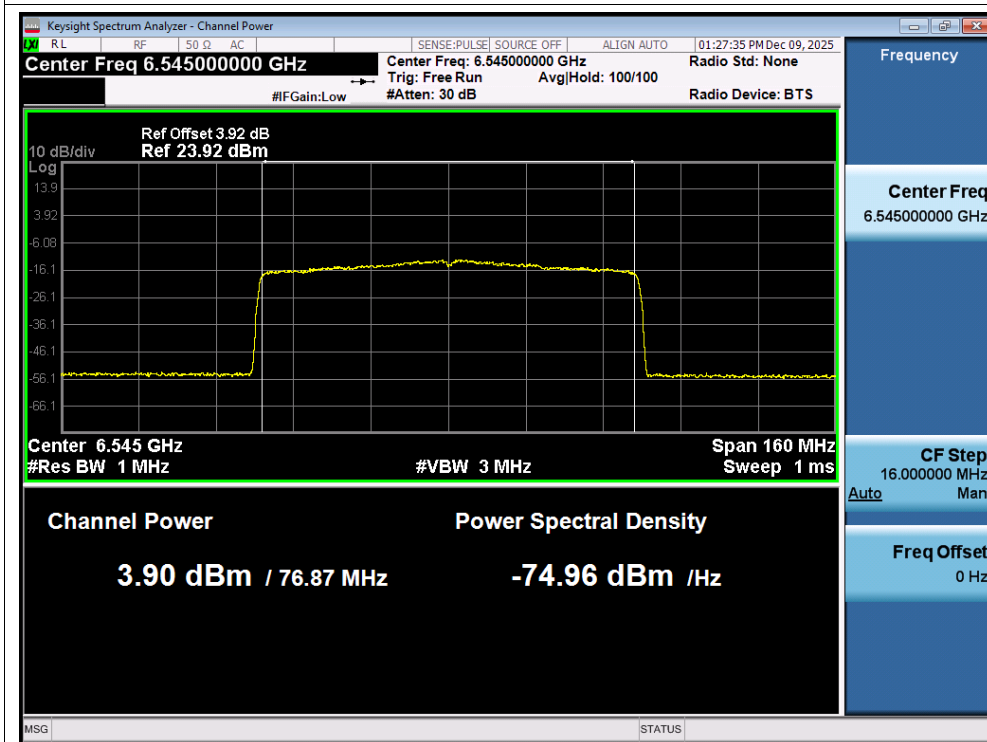
Power NVNT ax80 6385MHz Ant A



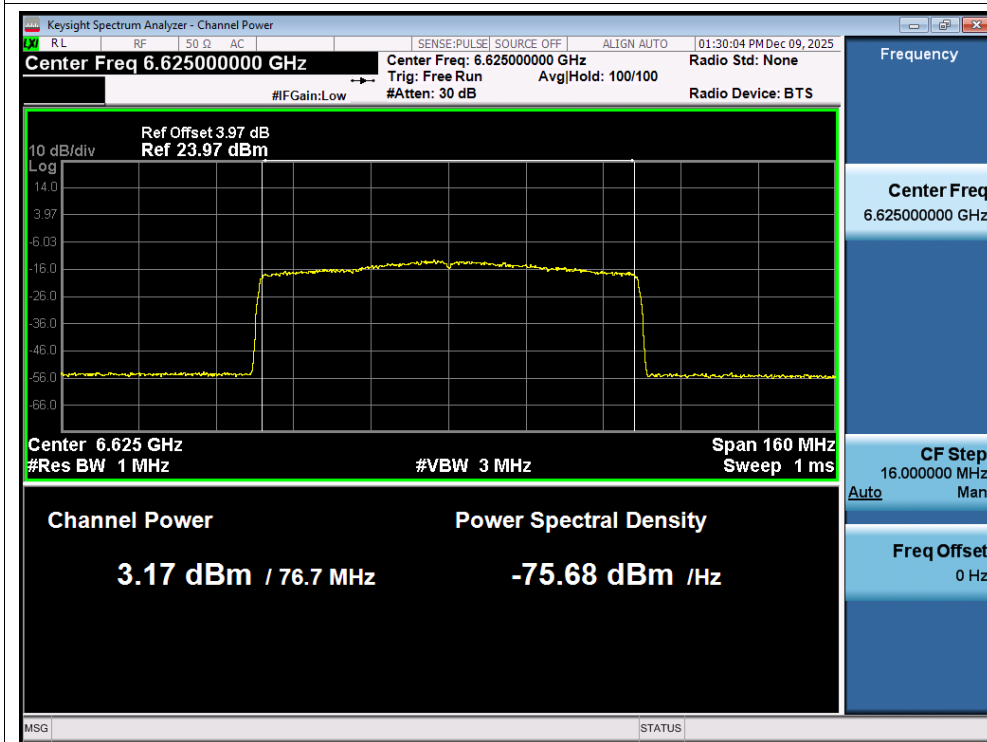
Power NVNT ax80 6465MHz Ant A



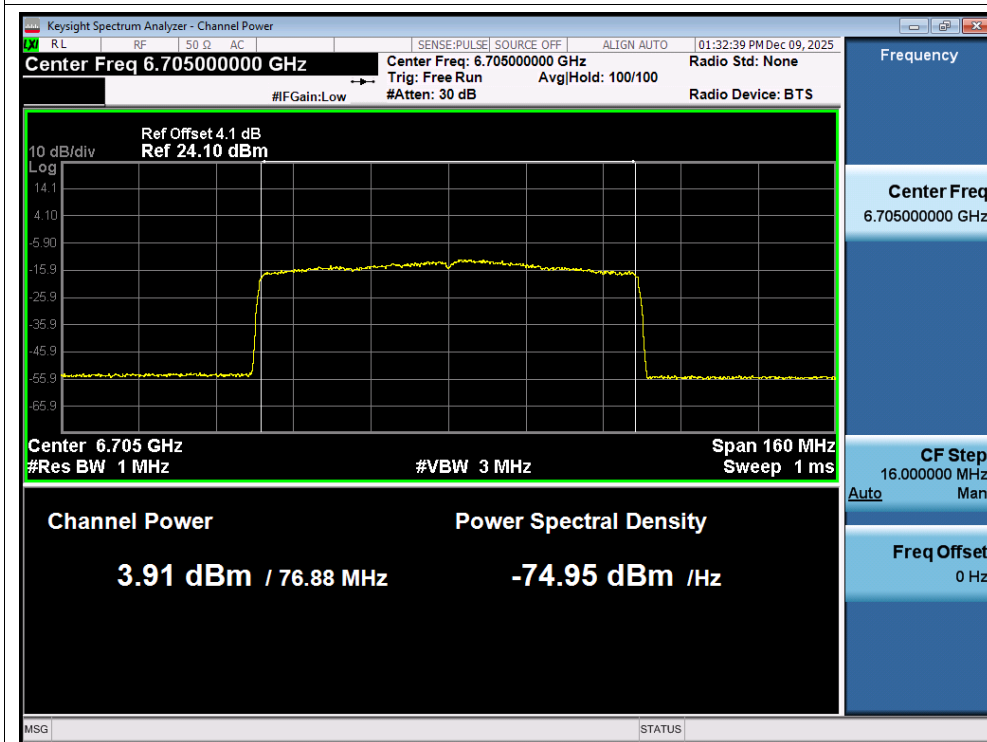
Power NVNT ax80 6545MHz Ant A



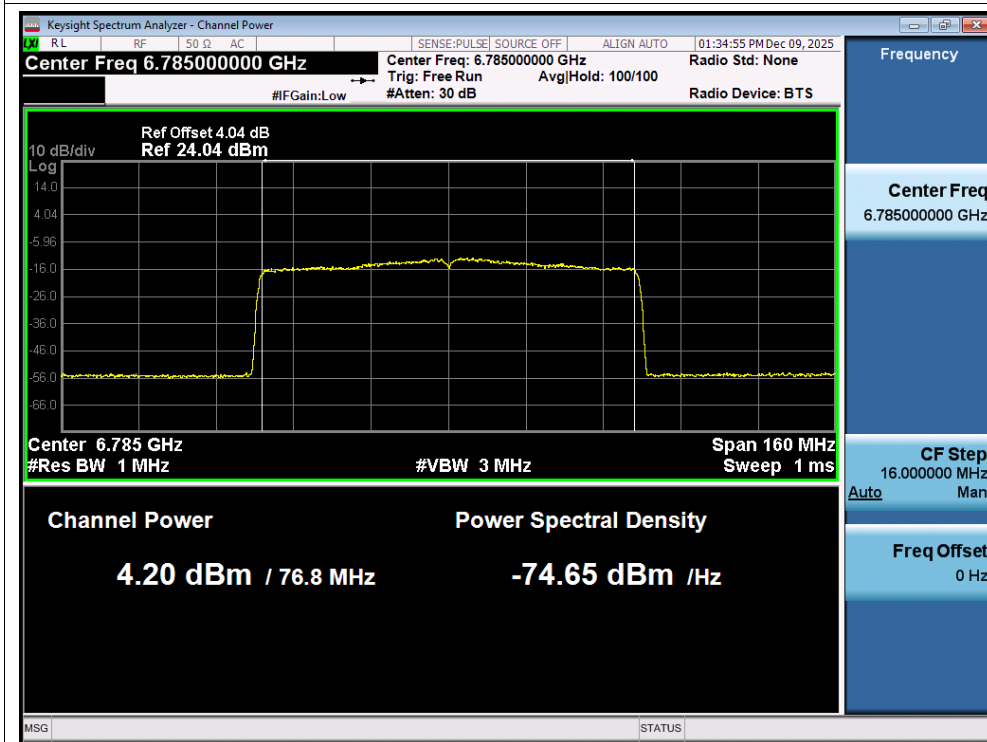
Power NVNT ax80 6625MHz Ant A



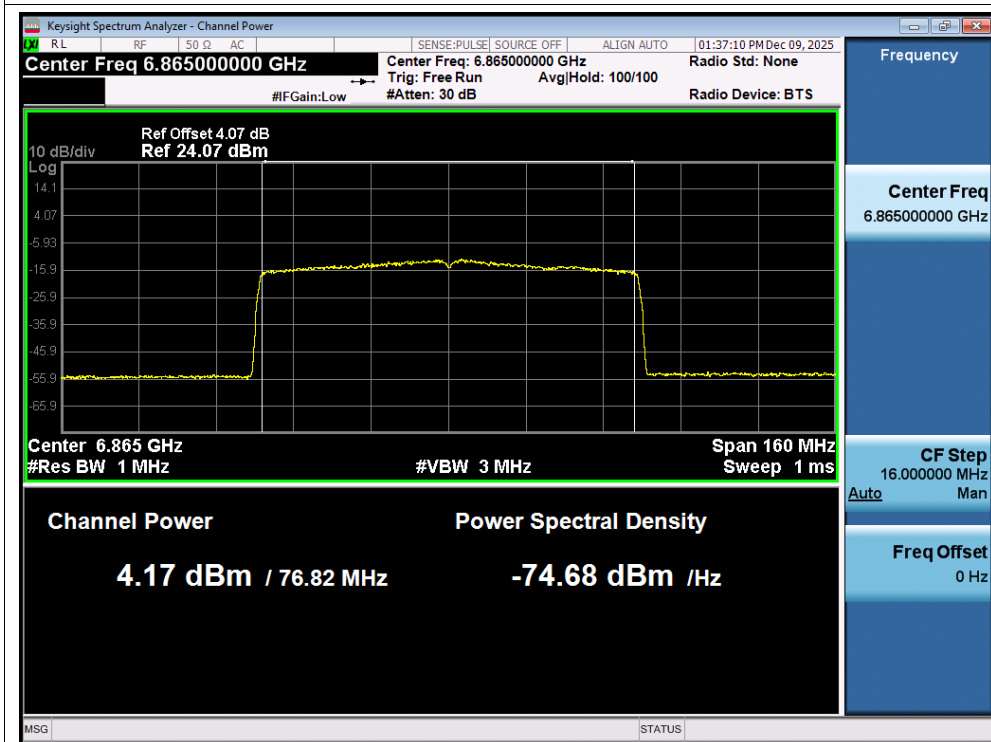
Power NVNT ax80 6705MHz Ant A



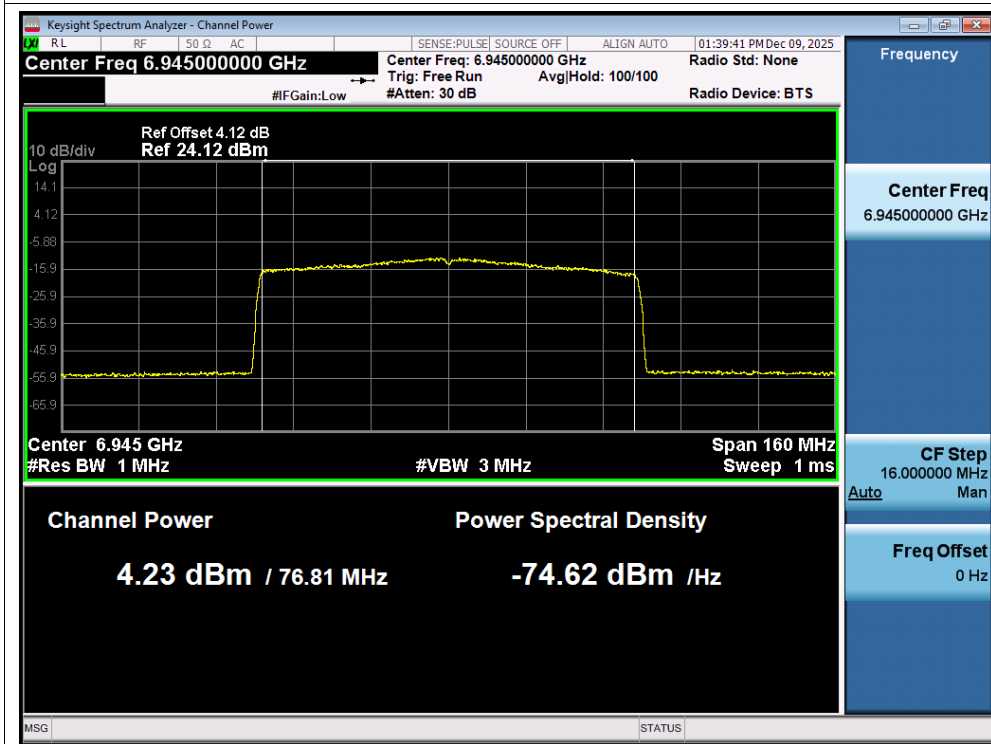
Power NVNT ax80 6785MHz Ant A



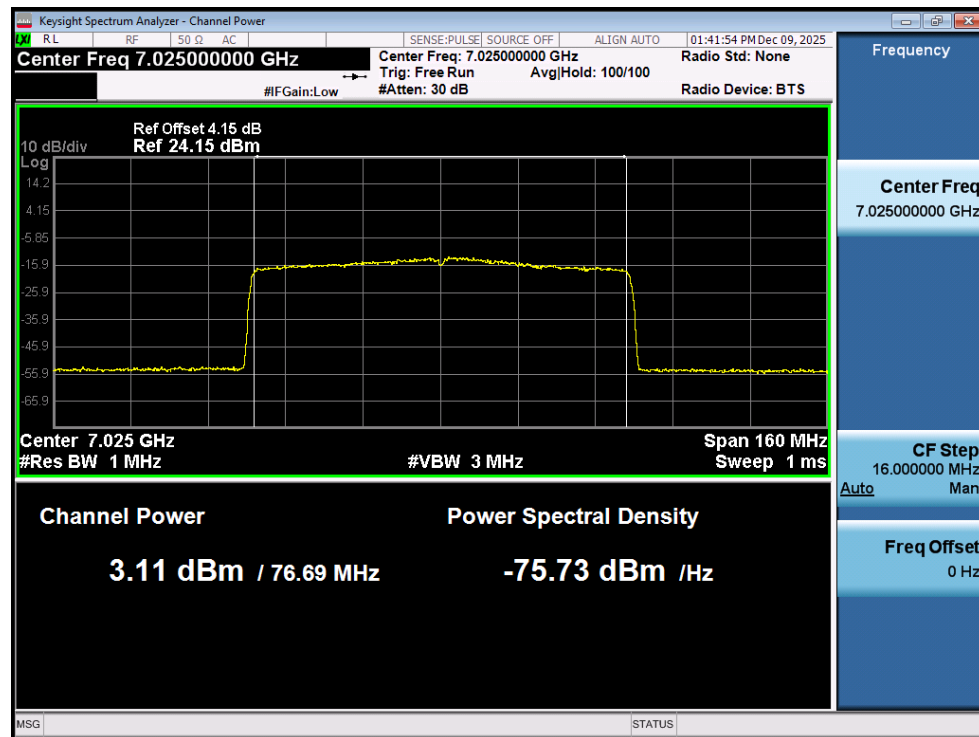
Power NVNT ax80 6865MHz Ant A



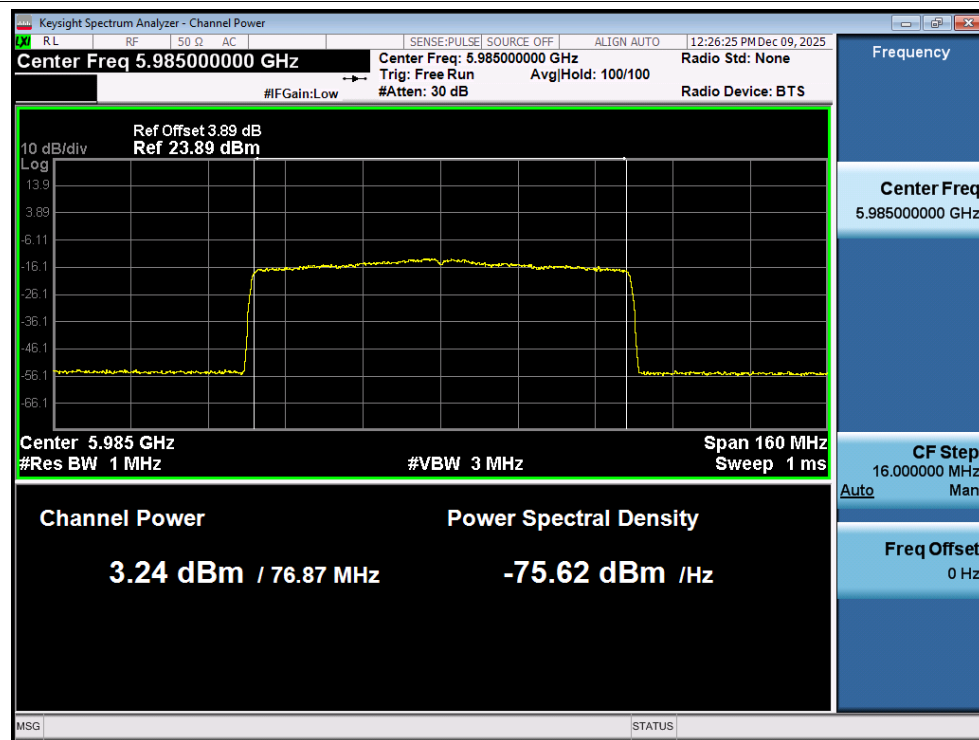
Power NVNT ax80 6945MHz Ant A



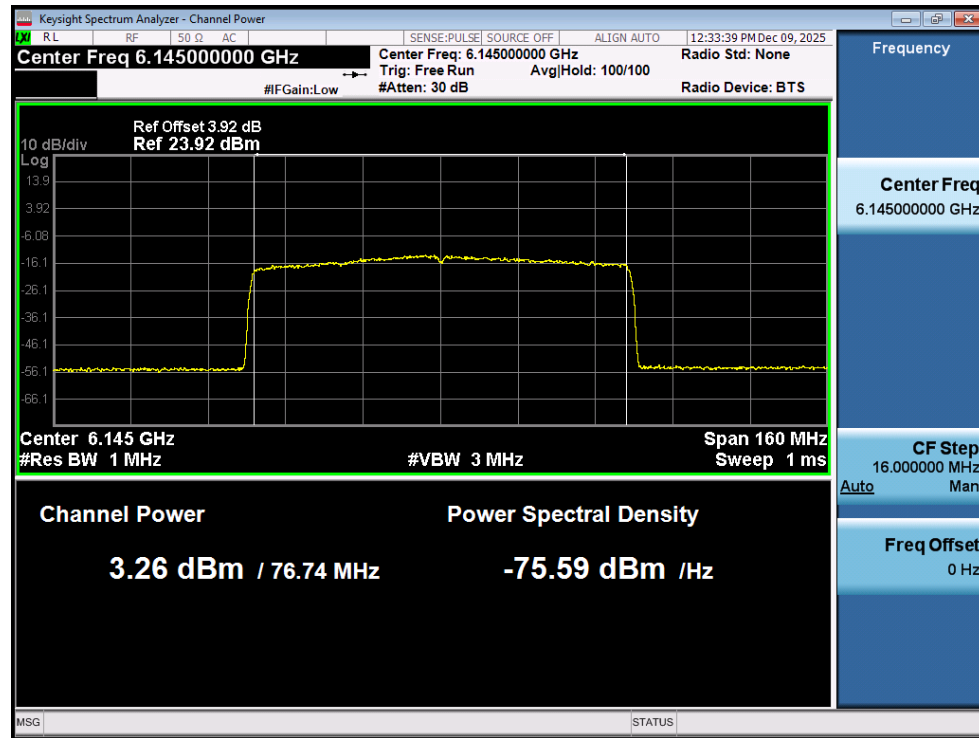
Power NVNT ax80 7025MHz Ant A



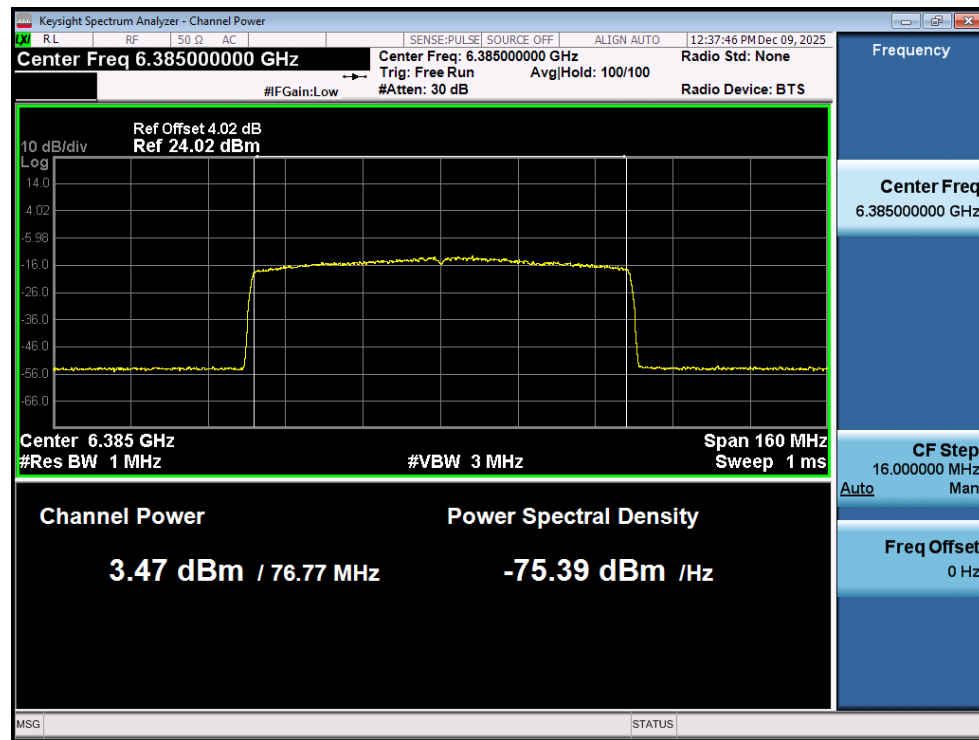
Power NVNT ax80 5985MHz Ant B



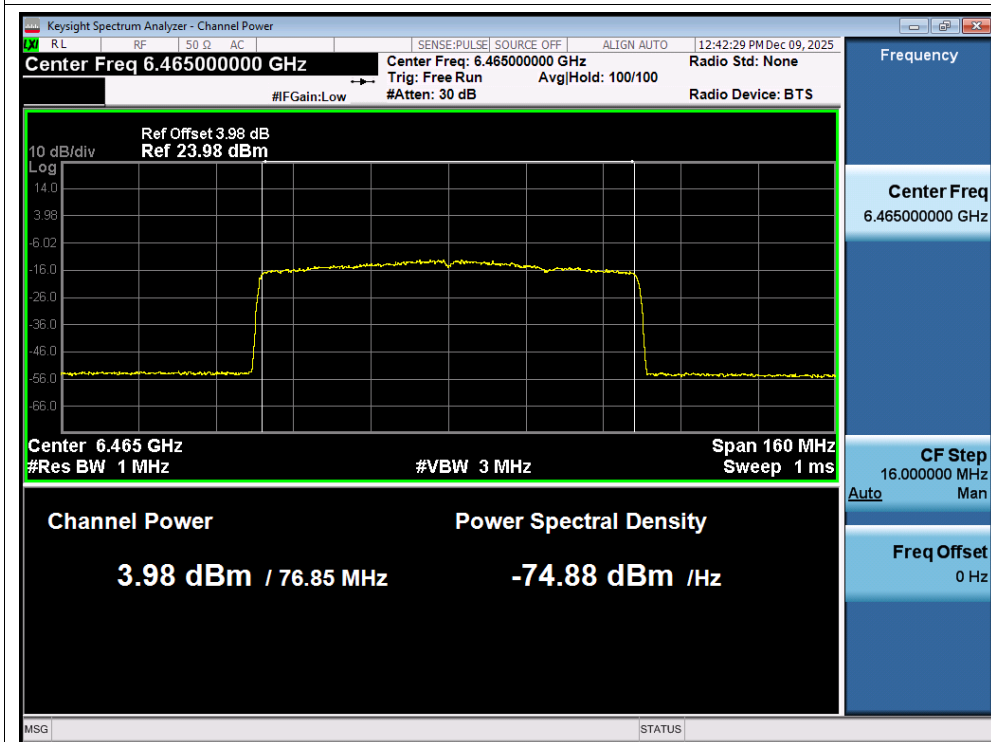
Power NVNT ax80 6145MHz Ant B



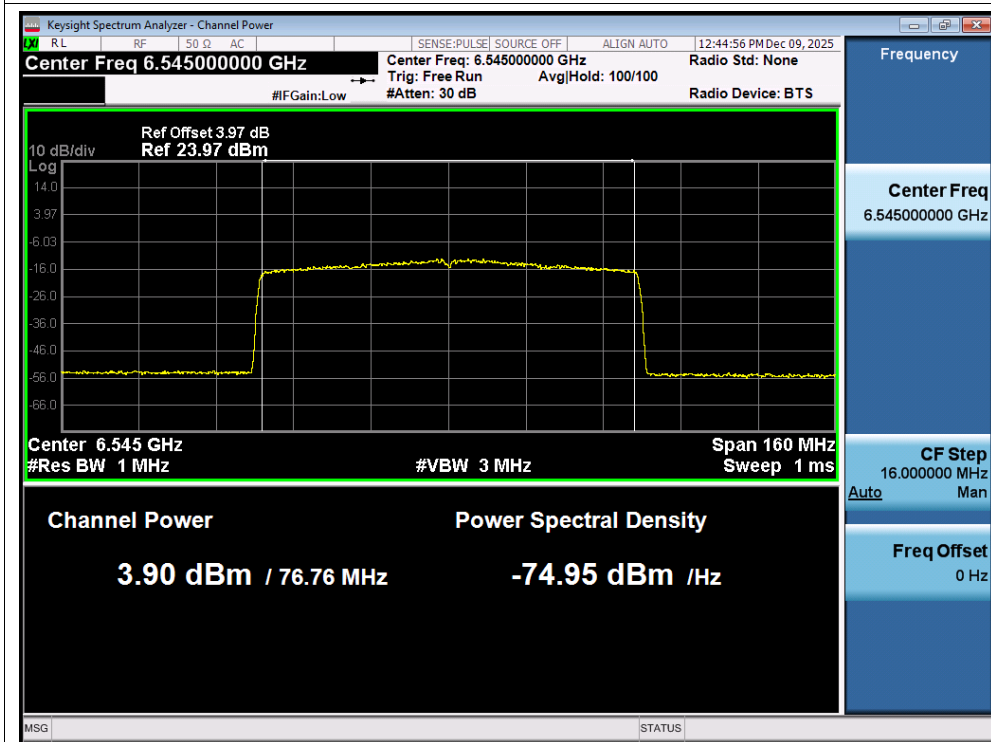
Power NVNT ax80 6385MHz Ant B



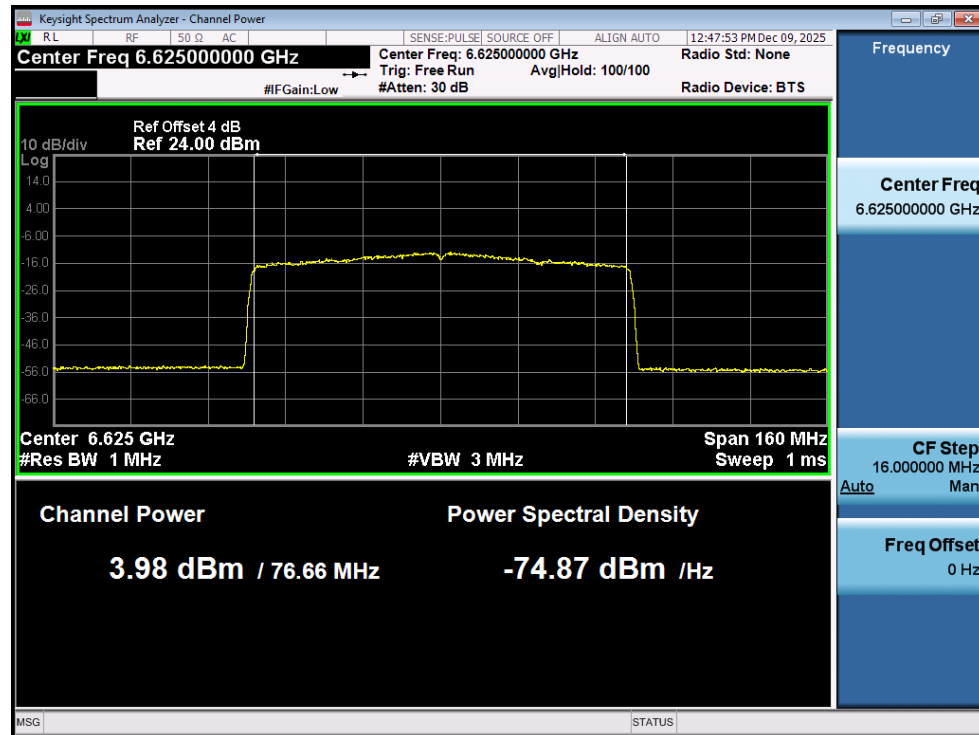
Power NVNT ax80 6465MHz Ant B



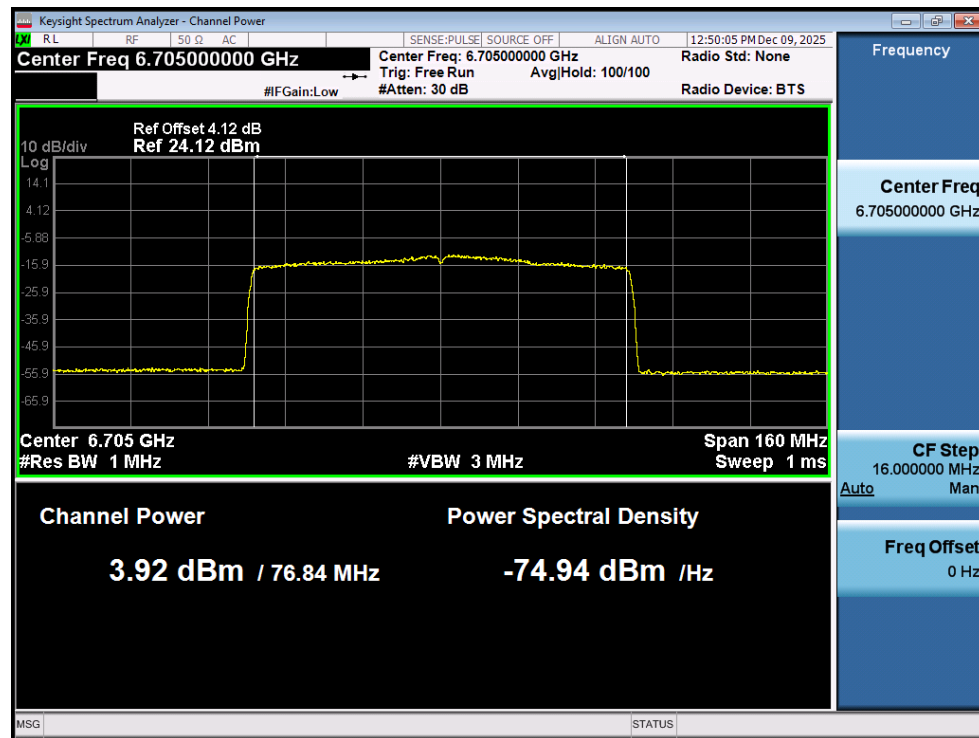
Power NVNT ax80 6545MHz Ant B



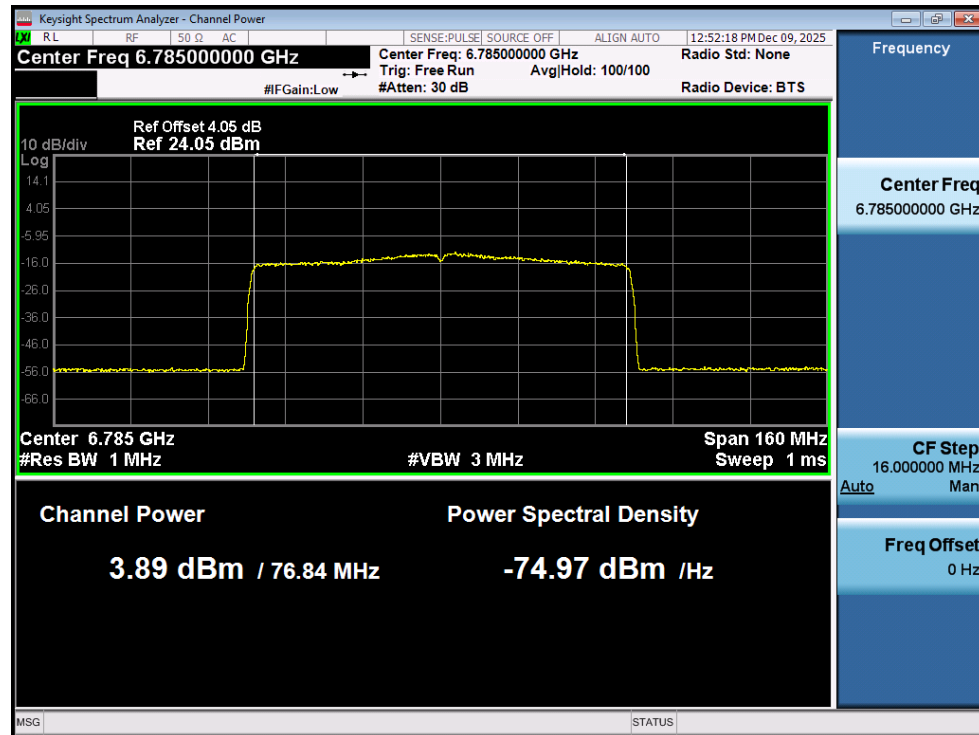
Power NVNT ax80 6625MHz Ant B



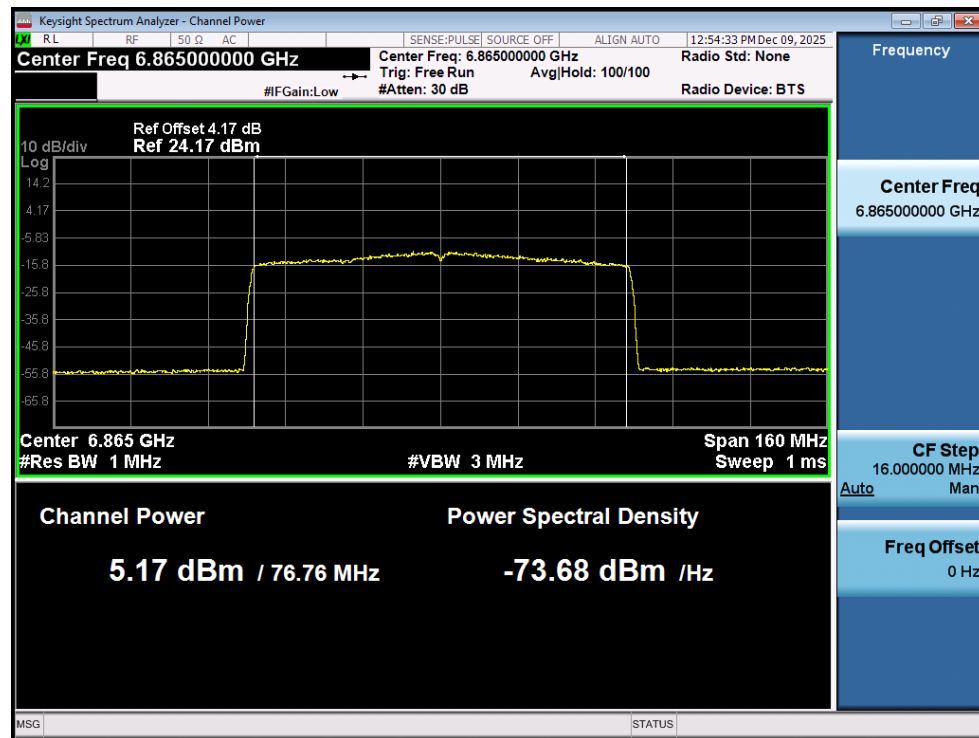
Power NVNT ax80 6705MHz Ant B



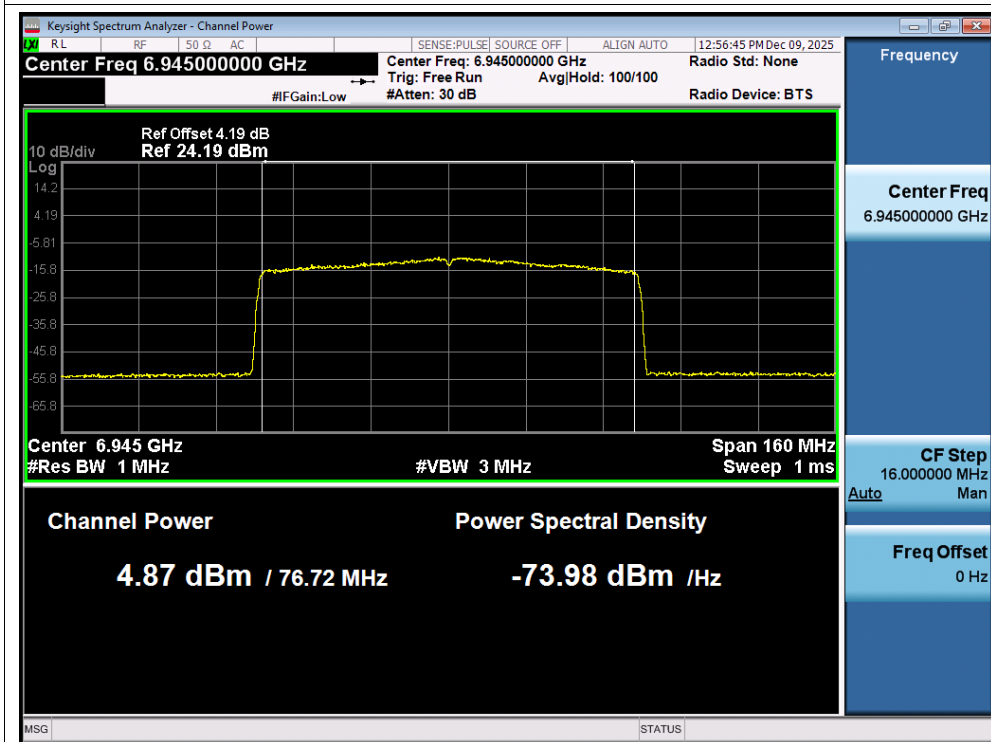
Power NVNT ax80 6785MHz Ant B



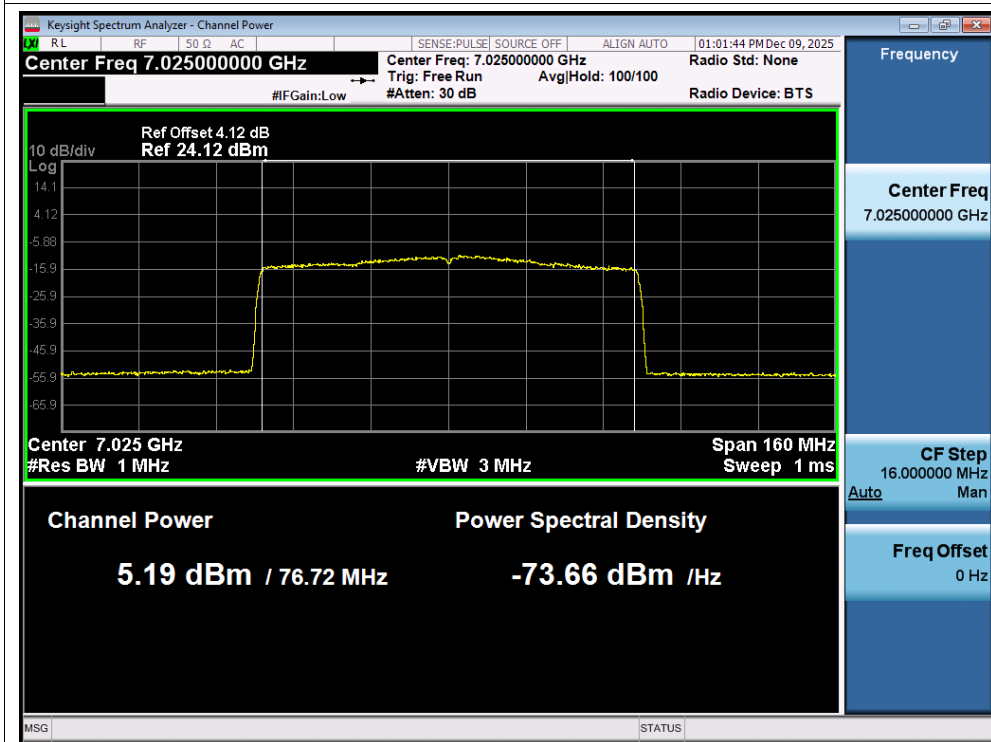
Power NVNT ax80 6865MHz Ant B



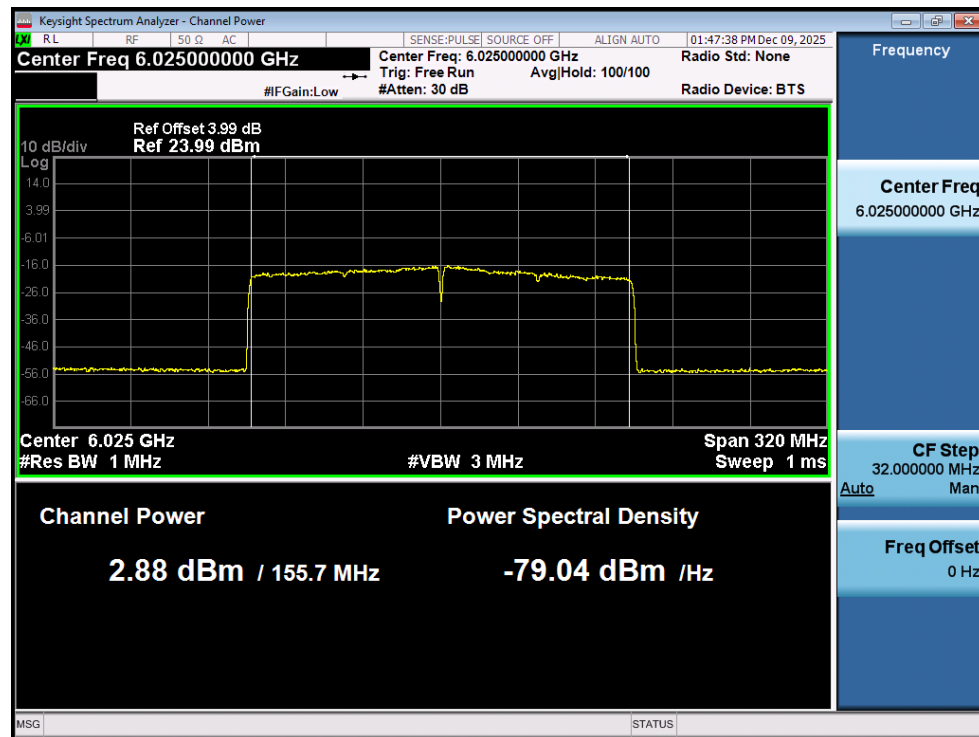
Power NVNT ax80 6945MHz Ant B



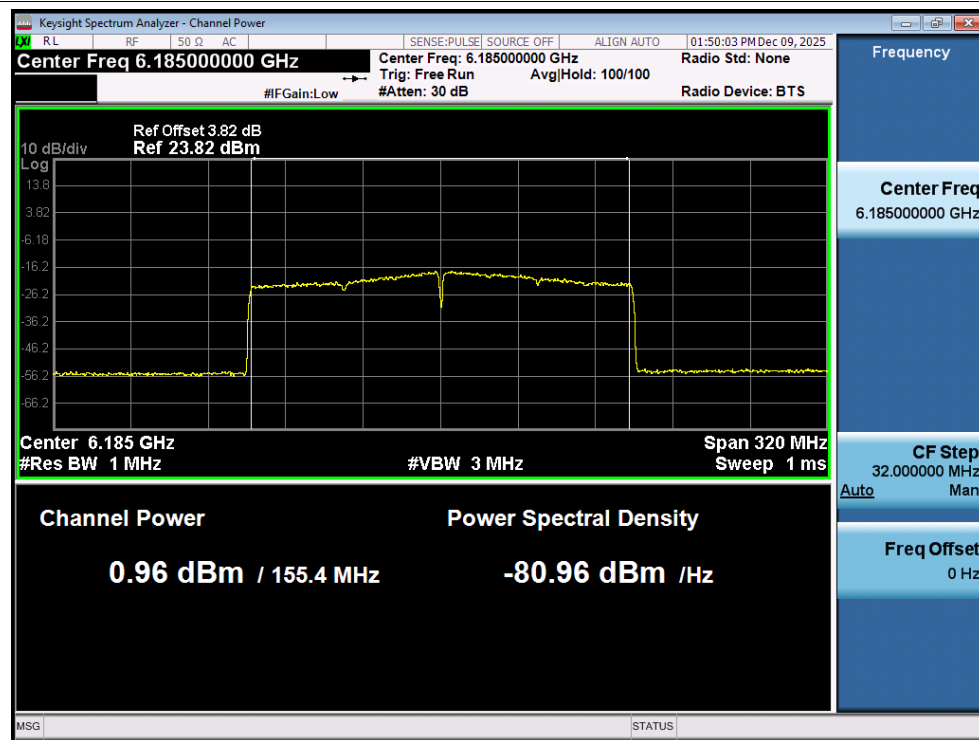
Power NVNT ax80 7025MHz Ant B



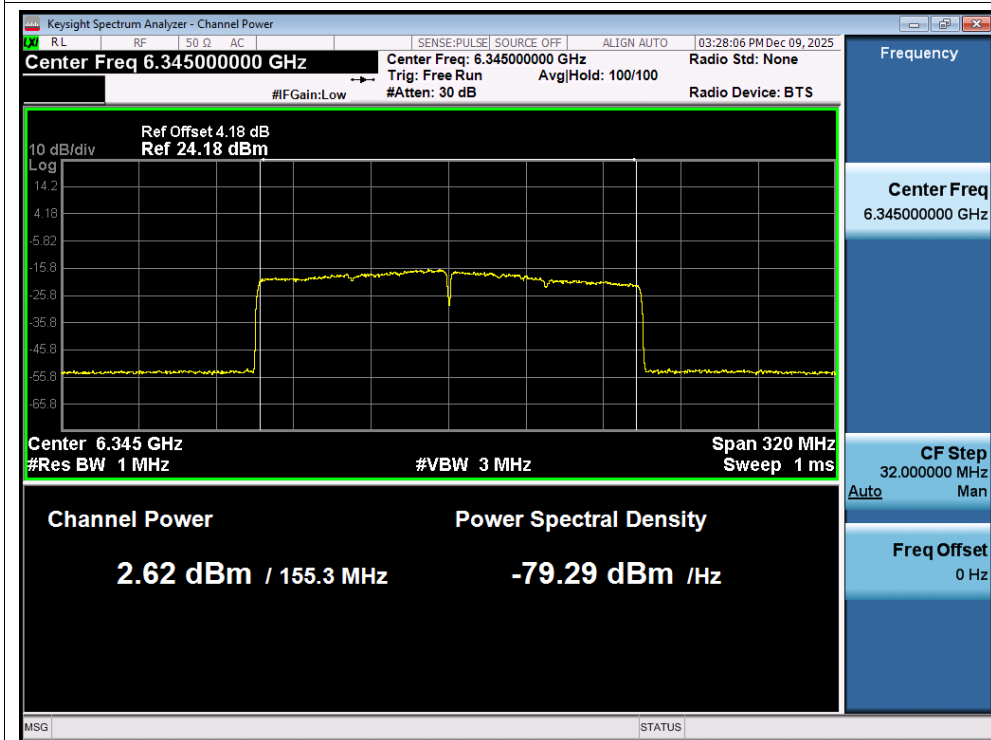
Power NVNT ax160 6025MHz Ant A



Power NVNT ax160 6185MHz Ant A



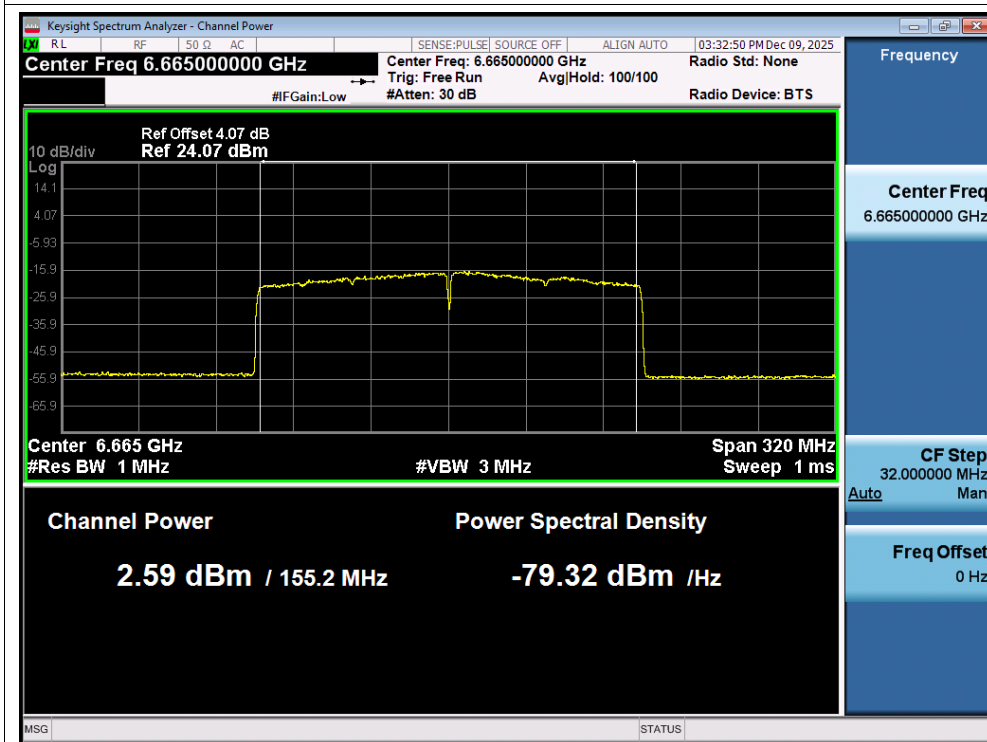
Power NVNT ax160 6345MHz Ant A



Power NVNT ax160 6505MHz Ant A



Power NVNT ax160 6665MHz Ant A



Power NVNT ax160 6825MHz Ant A

