Appendix E

RF Test Data for 5.8GWIFI (Conducted Measurement)

Product Name: Interactive touch all-in-one machine

Test Model: TV-65810

Environmental Conditions

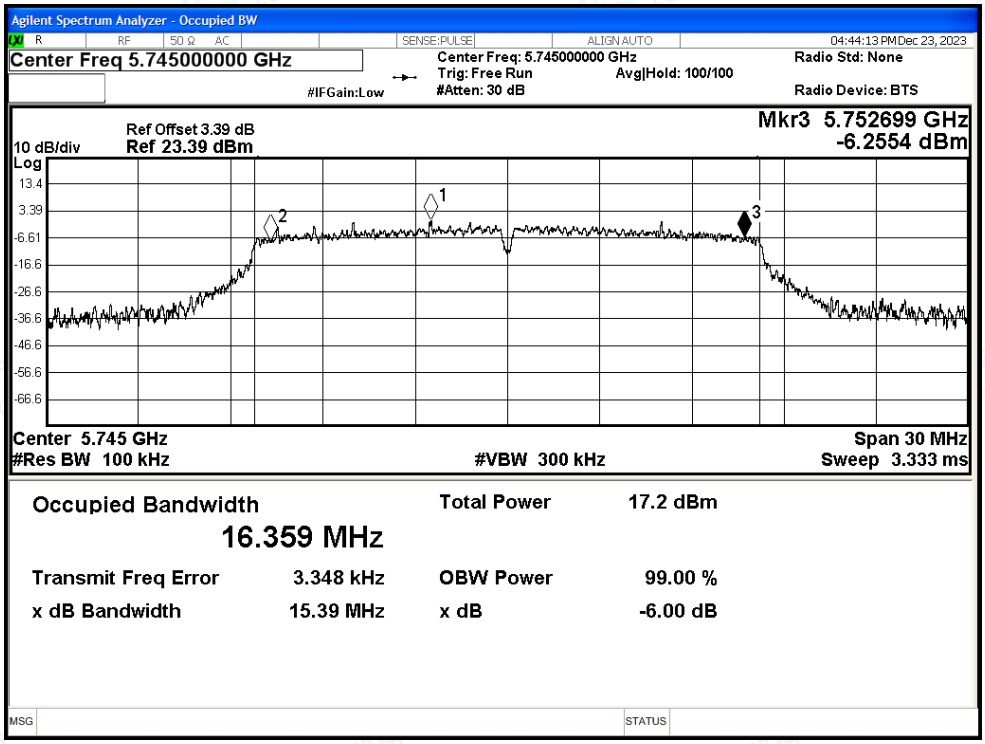
Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng

E.1 -6dB Bandwidth

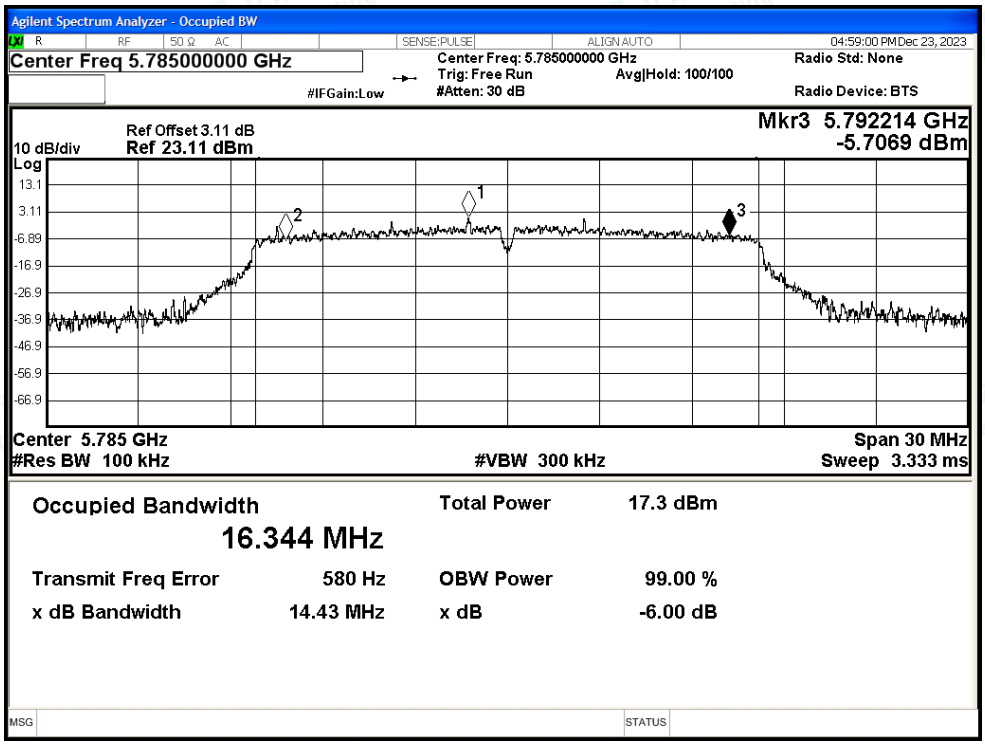
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.391	>=0.5	Pass
NVNT	a	5785	Ant1	14.427	>=0.5	Pass
NVNT	a	5825	Ant1	14.192	>=0.5	Pass
NVNT	n20	5745	Ant1	15.109	>=0.5	Pass
NVNT	n20	5785	Ant1	15.105	>=0.5	Pass
NVNT	n20	5825	Ant1	15.116	>=0.5	Pass
NVNT	n40	5755	Ant1	35.092	>=0.5	Pass
NVNT	n40	5795	Ant1	35.06	>=0.5	Pass
NVNT	ac20	5745	Ant1	15.072	>=0.5	Pass
NVNT	ac20	5785	Ant1	15.659	>=0.5	Pass
NVNT	ac20	5825	Ant1	14.933	>=0.5	Pass
NVNT	ac40	5755	Ant1	35.07	>=0.5	Pass
NVNT	ac40	5795	Ant1	32.595	>=0.5	Pass
NVNT	ax20	5745	Ant1	15.377	>=0.5	Pass
NVNT	ax20	5785	Ant1	15.076	>=0.5	Pass
NVNT	ax20	5825	Ant1	14.774	>=0.5	Pass
NVNT	ax40	5755	Ant1	35.11	>=0.5	Pass
NVNT	ax40	5795	Ant1	35.105	>=0.5	Pass

Test Graphs

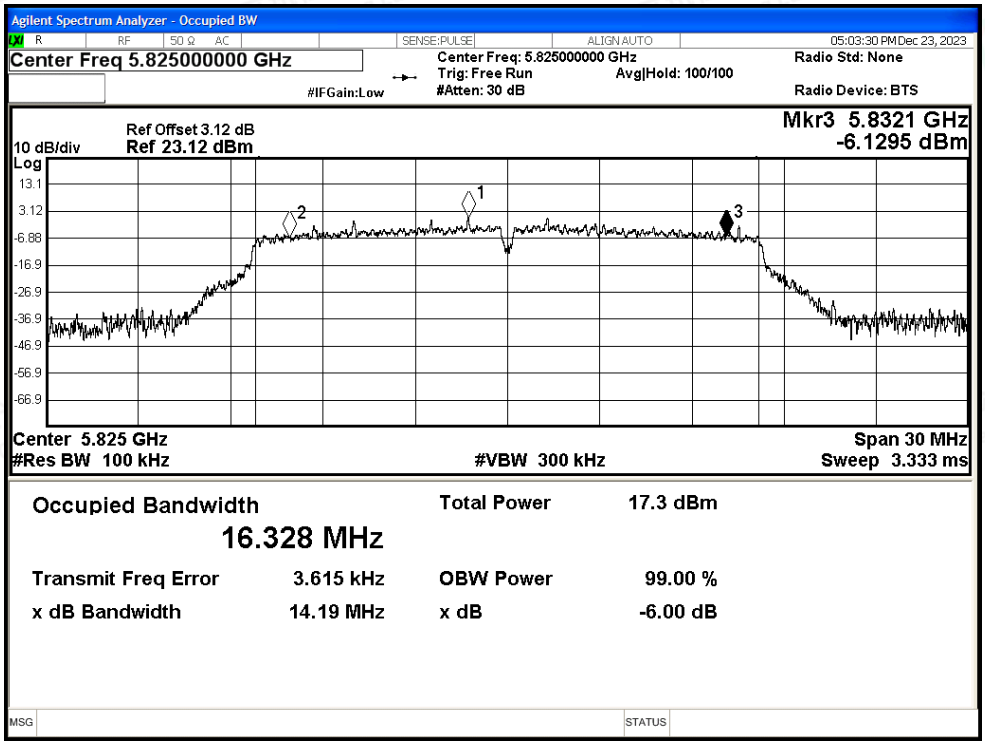
-6dB Bandwidth NVNT a 5745MHz Ant1



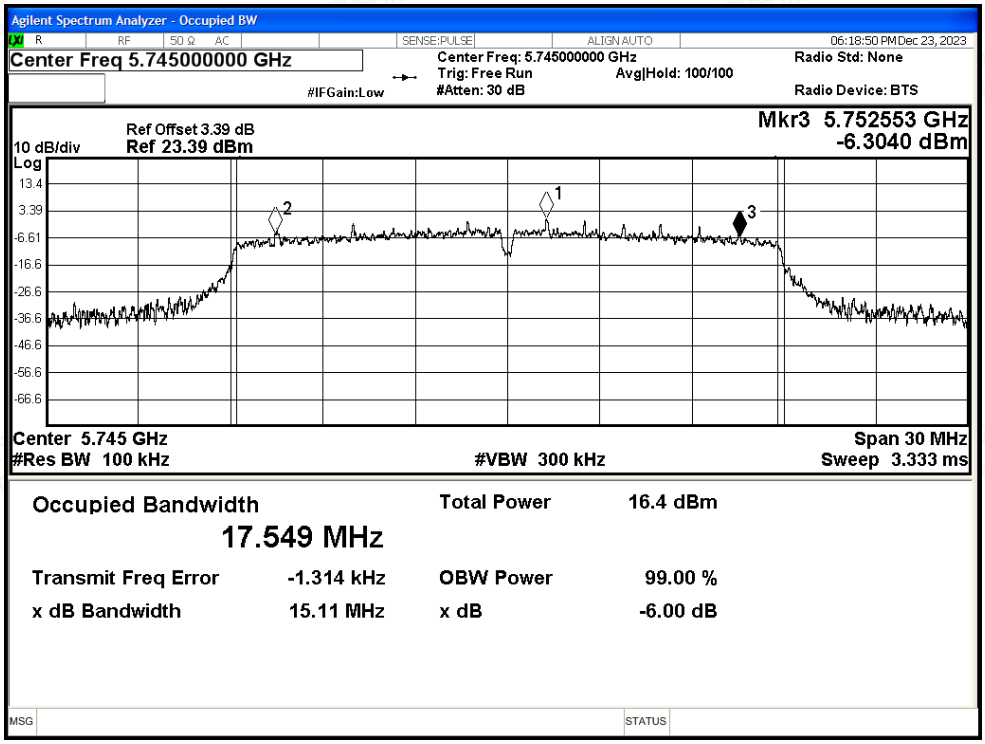
-6dB Bandwidth NVNT a 5785MHz Ant1



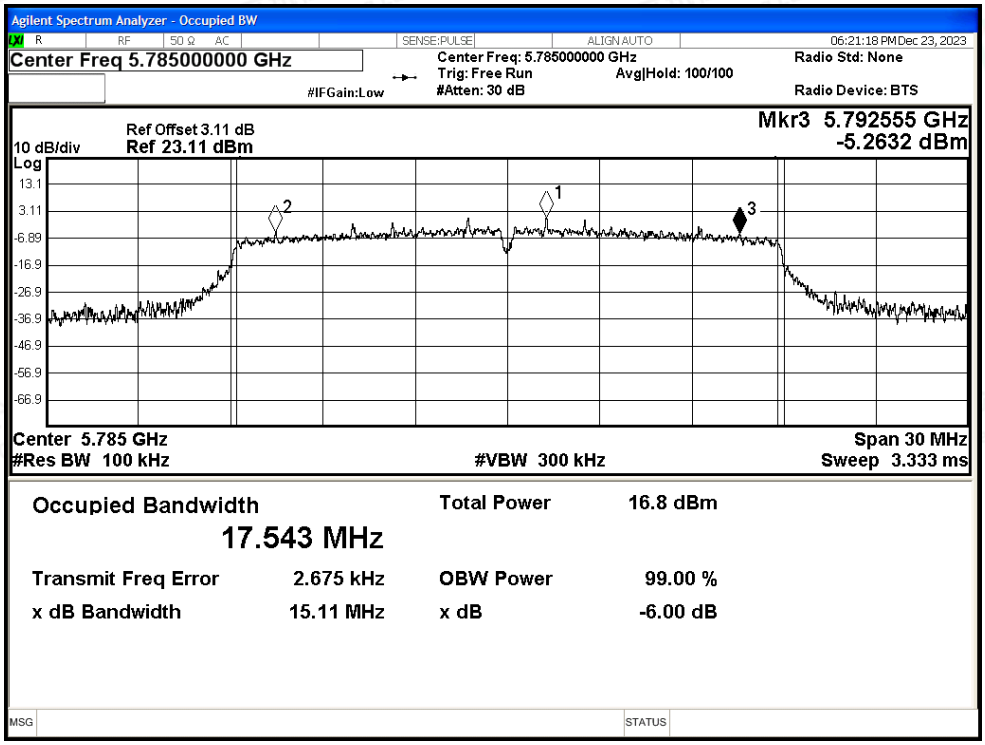
-6dB Bandwidth NVNT a 5825MHz Ant1



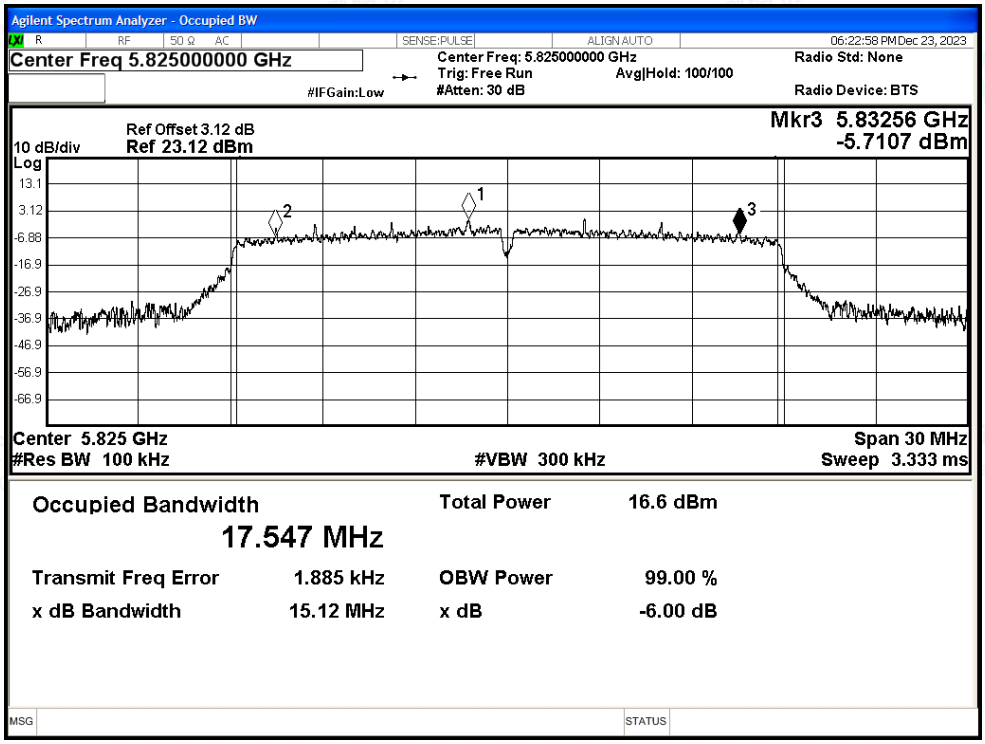
-6dB Bandwidth NVNT n20 5745MHz Ant1



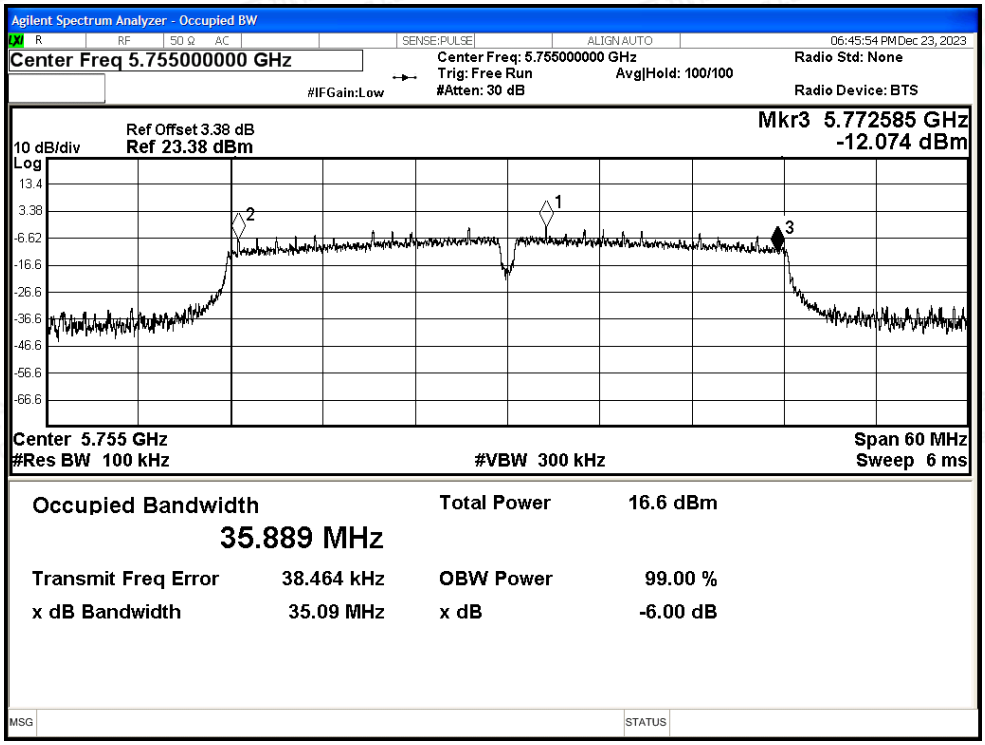
-6dB Bandwidth NVNT n20 5785MHz Ant1



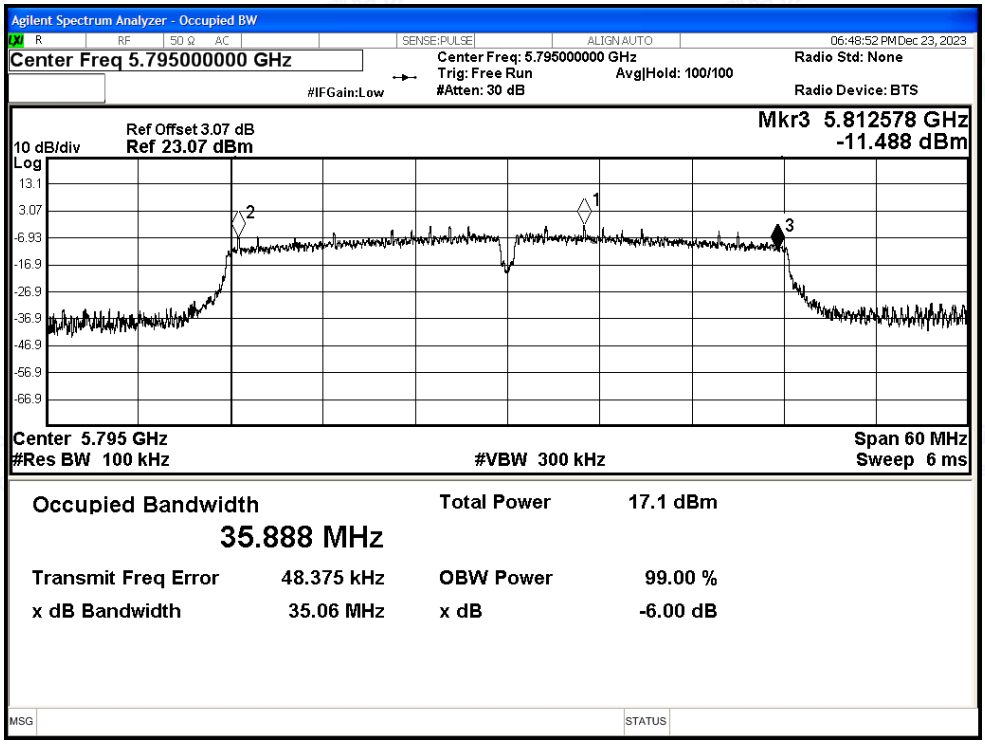
-6dB Bandwidth NVNT n20 5825MHz Ant1



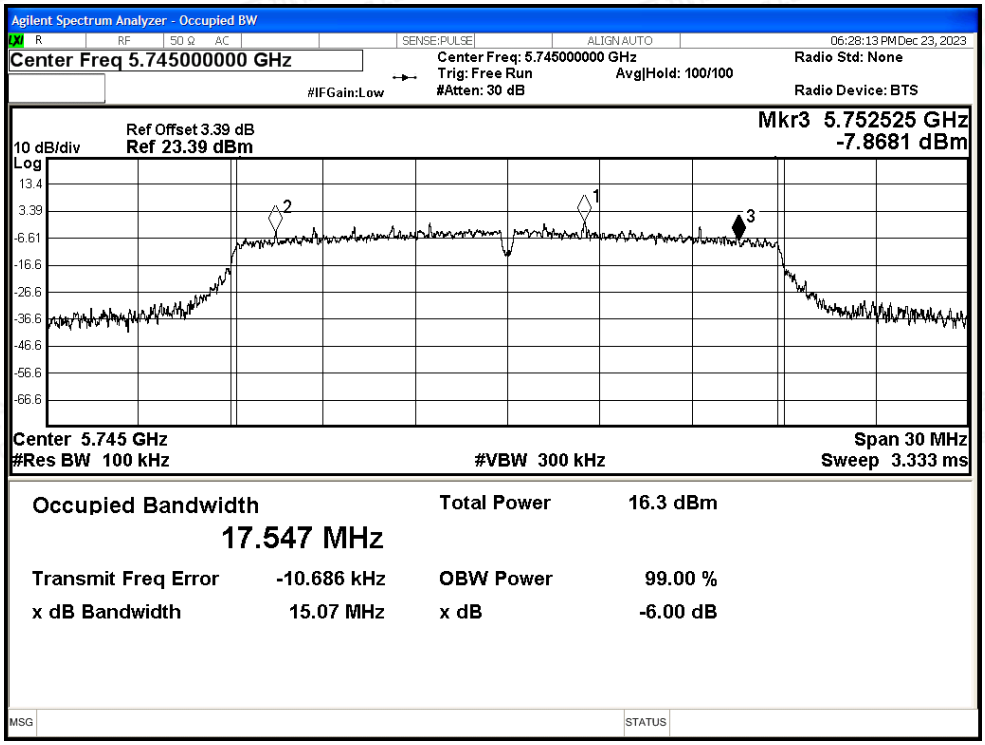
-6dB Bandwidth NVNT n40 5755MHz Ant1



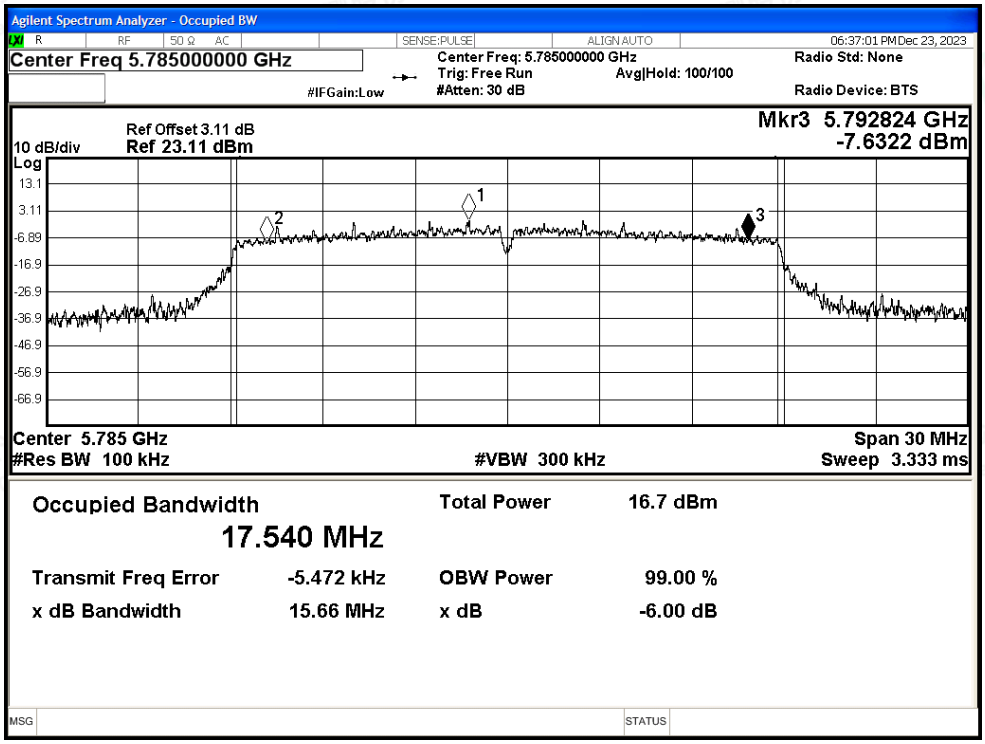
-6dB Bandwidth NVNT n40 5795MHz Ant1



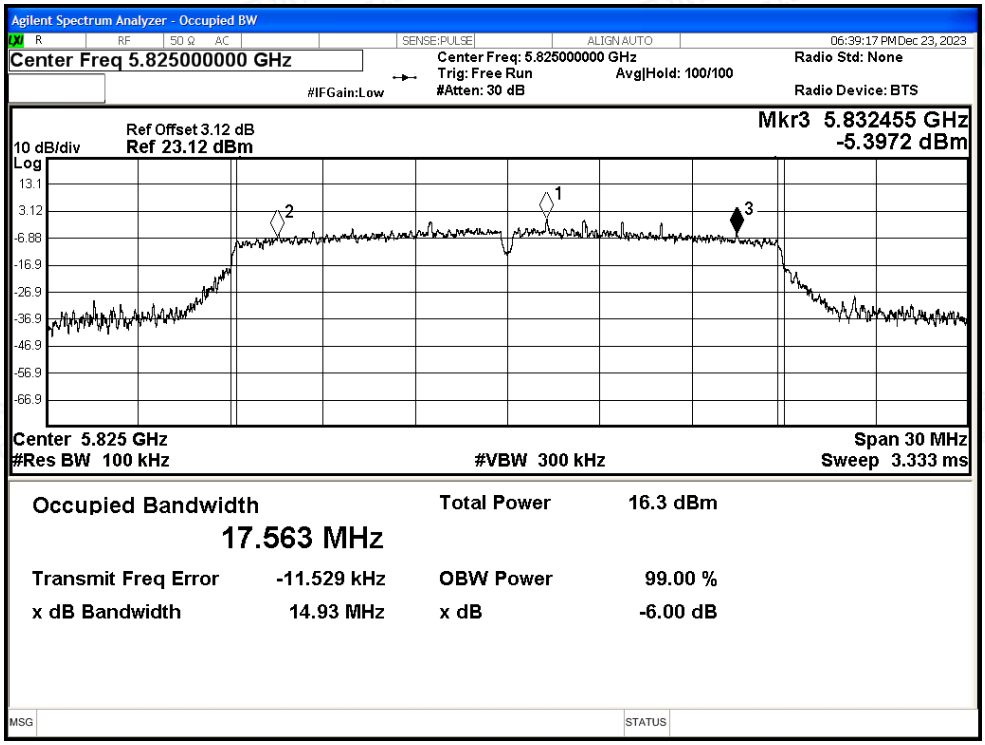
-6dB Bandwidth NVNT ac20 5745MHz Ant1



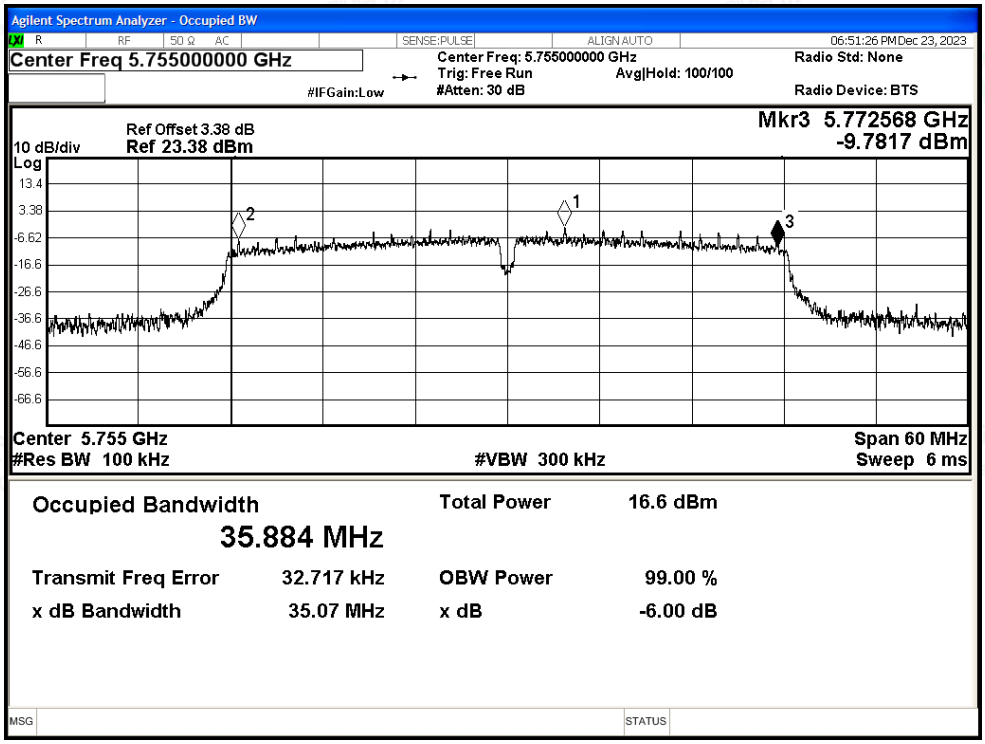
-6dB Bandwidth NVNT ac20 5785MHz Ant1



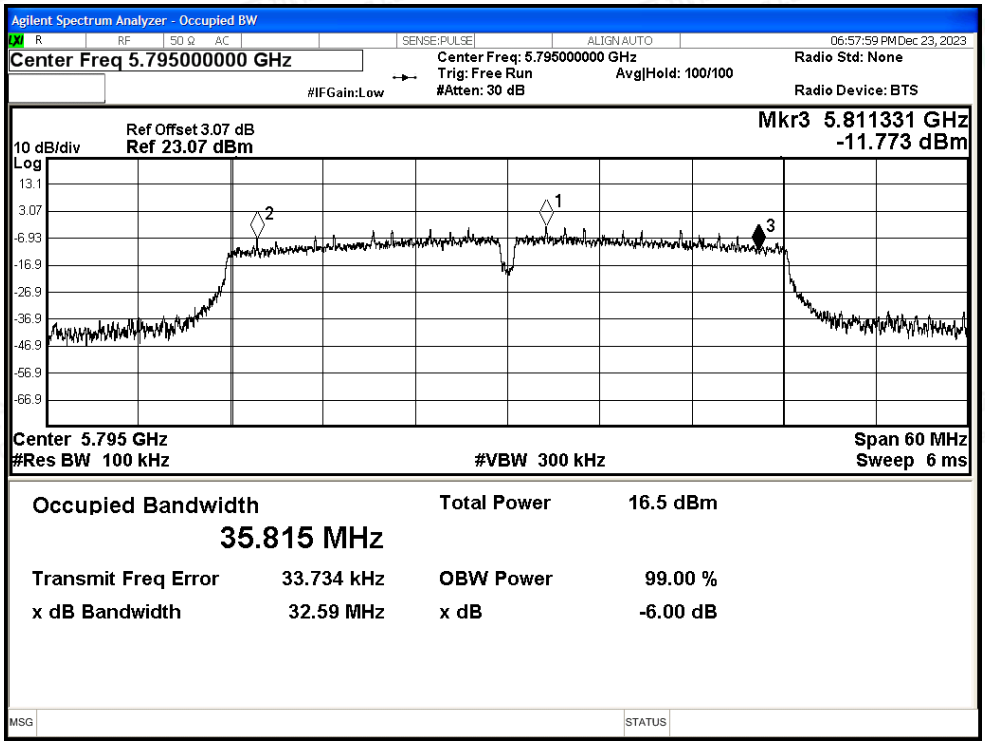
-6dB Bandwidth NVNT ac20 5825MHz Ant1



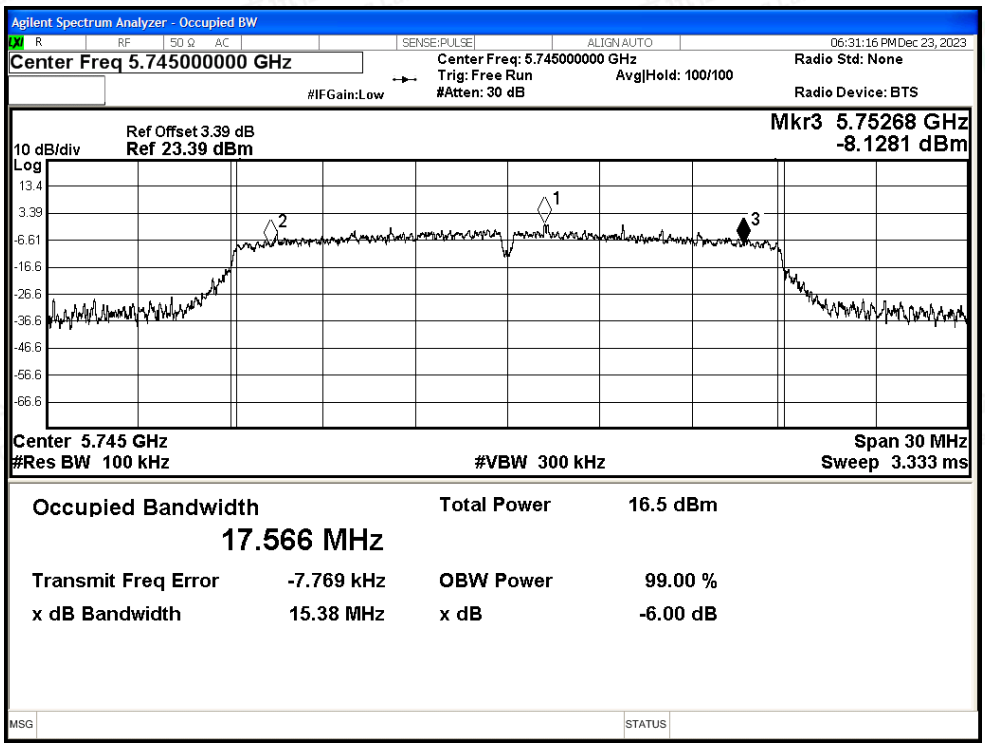
-6dB Bandwidth NVNT ac40 5755MHz Ant1



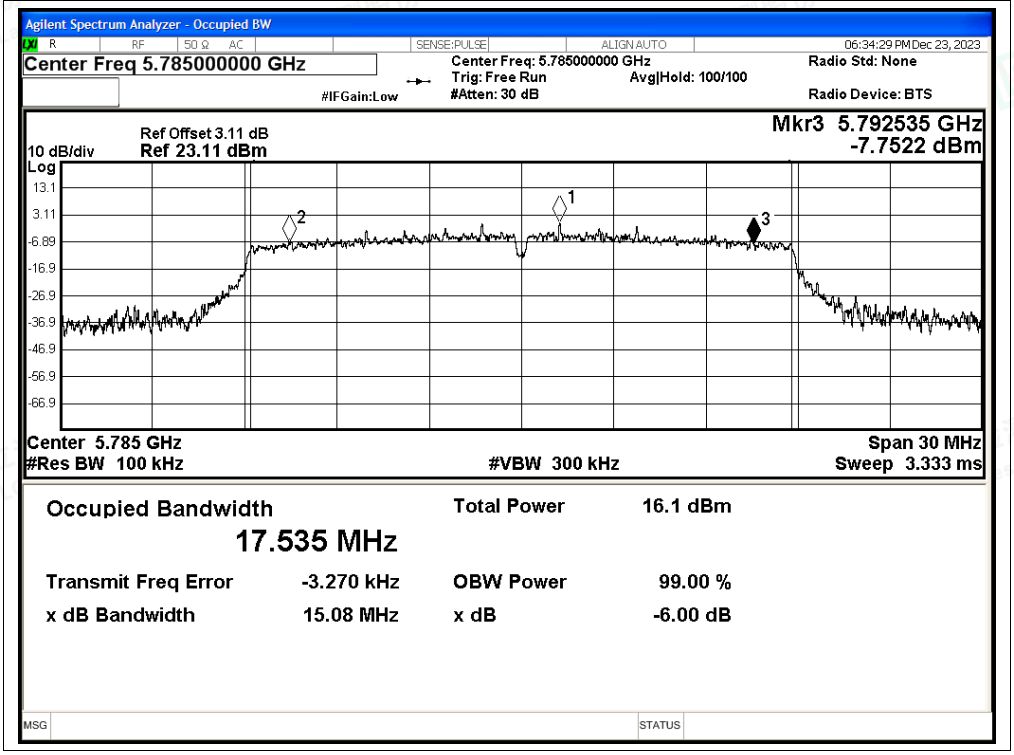
-6dB Bandwidth NVNT ac40 5795MHz Ant1



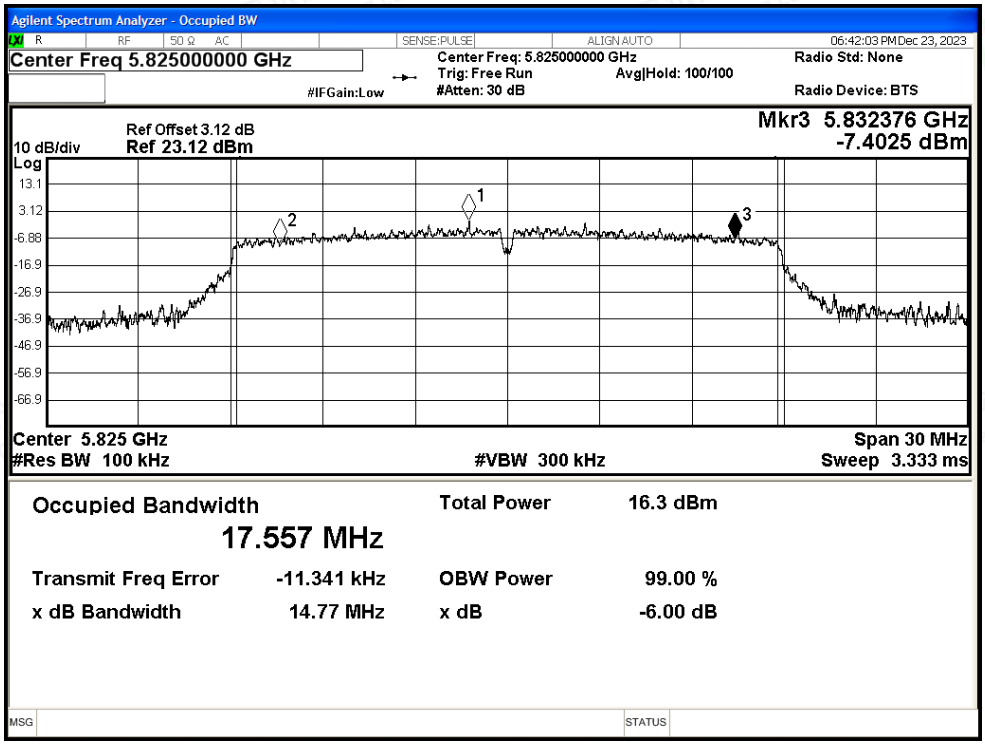
-6dB Bandwidth NVNT ax20 5745MHz Ant1



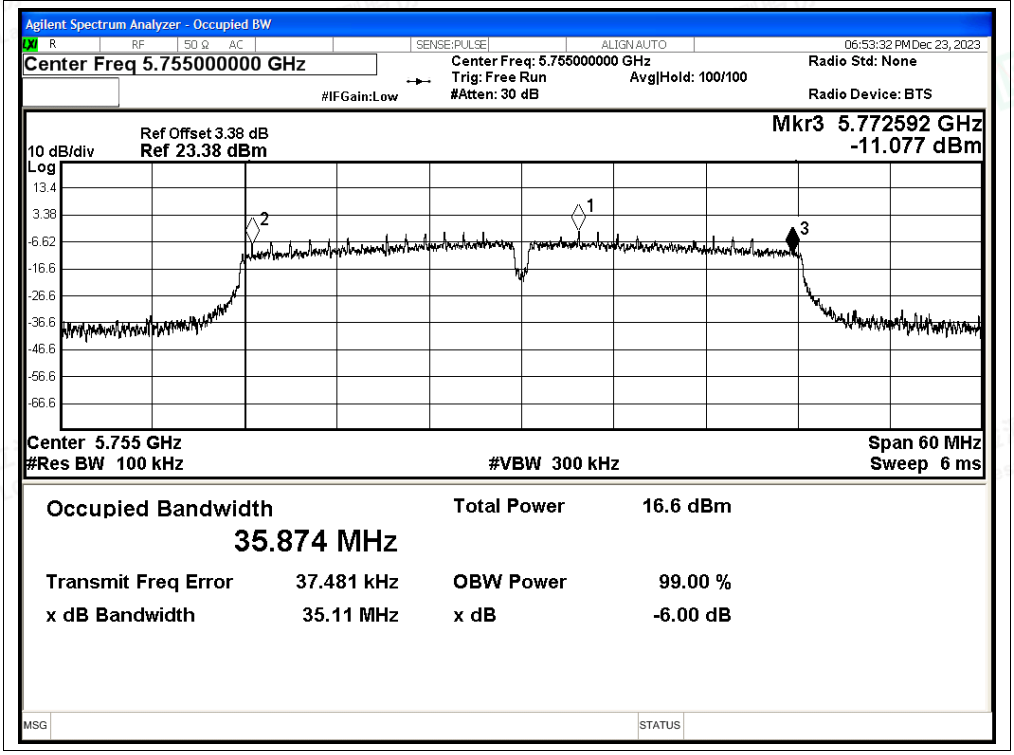
-6dB Bandwidth NVNT ax20 5785MHz Ant1



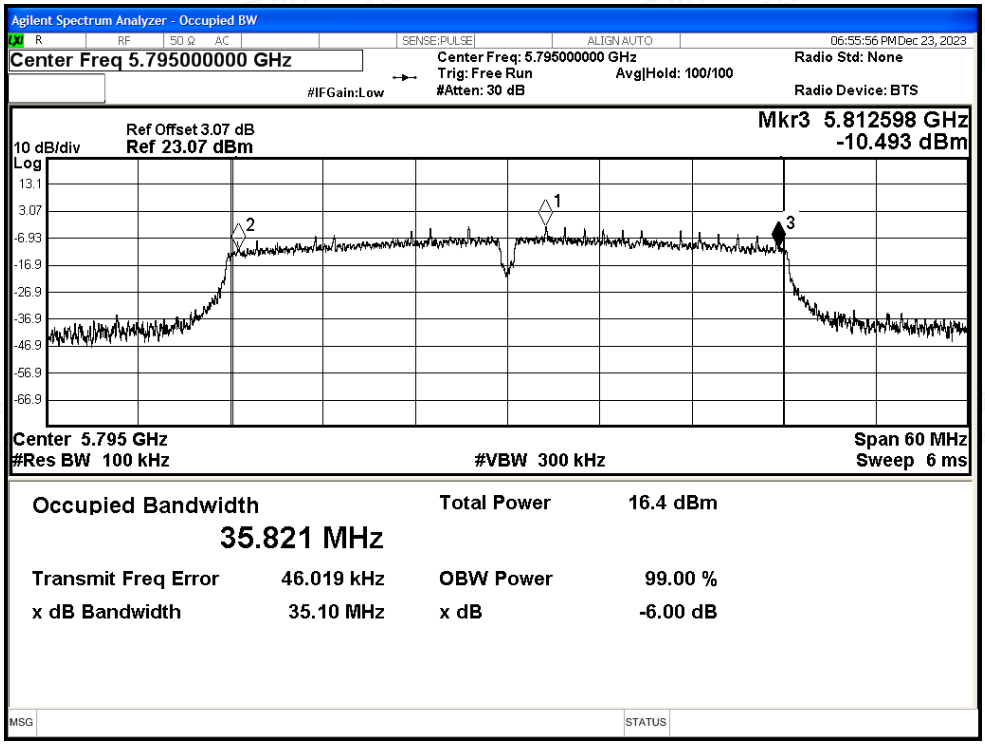
-6dB Bandwidth NVNT ax20 5825MHz Ant1



-6dB Bandwidth NVNT ax40 5755MHz Ant1



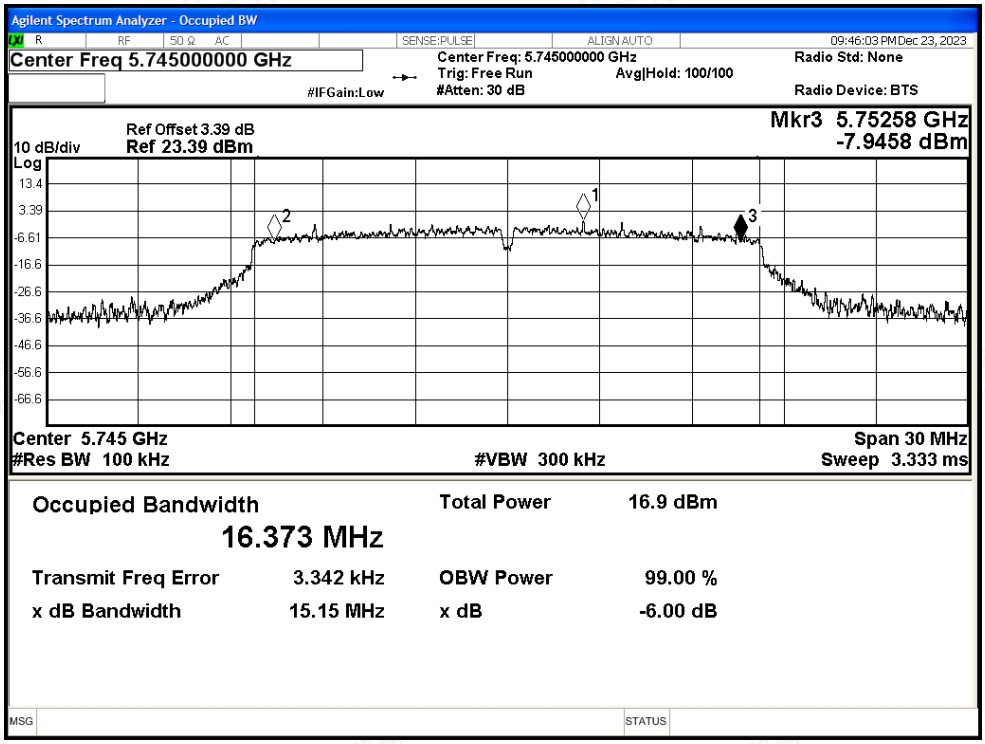
-6dB Bandwidth NVNT ax40 5795MHz Ant1



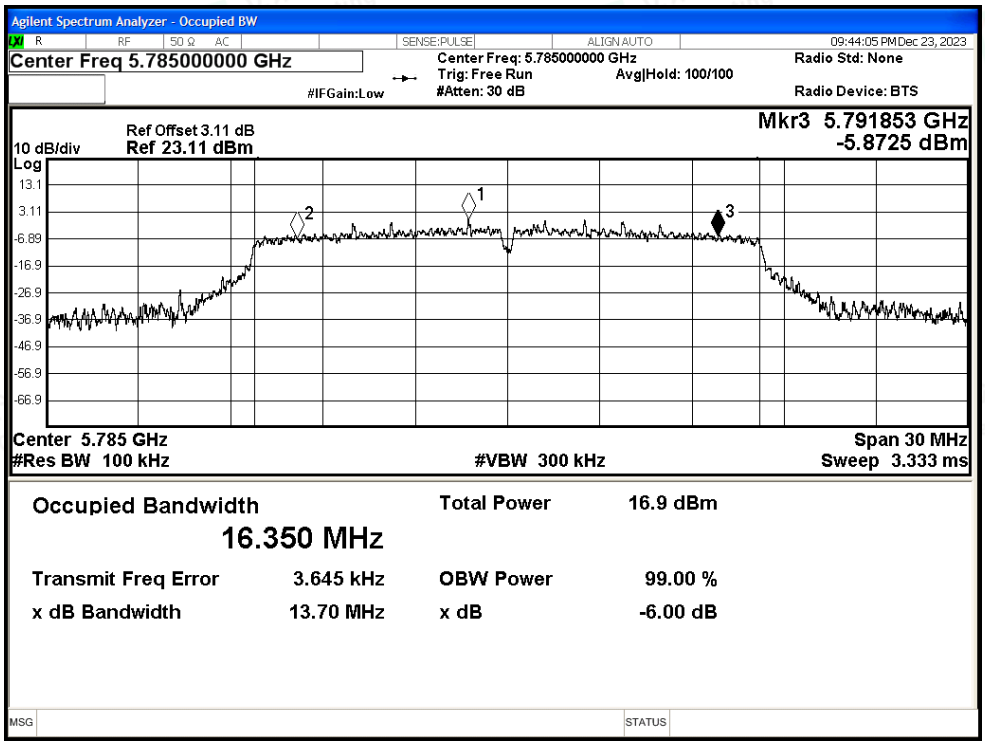
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant2	15.154	>=0.5	Pass
NVNT	a	5785	Ant2	13.698	>=0.5	Pass
NVNT	a	5825	Ant2	14.569	>=0.5	Pass
NVNT	n20	5745	Ant2	14.037	>=0.5	Pass
NVNT	n20	5785	Ant2	15.049	>=0.5	Pass
NVNT	n20	5825	Ant2	14.78	>=0.5	Pass
NVNT	n40	5755	Ant2	33.812	>=0.5	Pass
NVNT	n40	5795	Ant2	35.075	>=0.5	Pass
NVNT	ac20	5745	Ant2	14.173	>=0.5	Pass
NVNT	ac20	5785	Ant2	15.411	>=0.5	Pass
NVNT	ac20	5825	Ant2	14.448	>=0.5	Pass
NVNT	ac40	5755	Ant2	33.824	>=0.5	Pass
NVNT	ac40	5795	Ant2	35.099	>=0.5	Pass
NVNT	ax20	5745	Ant2	15.341	>=0.5	Pass
NVNT	ax20	5785	Ant2	15.006	>=0.5	Pass
NVNT	ax20	5825	Ant2	16.833	>=0.5	Pass
NVNT	ax40	5755	Ant2	35.079	>=0.5	Pass
NVNT	ax40	5795	Ant2	33.765	>=0.5	Pass

Test Graphs

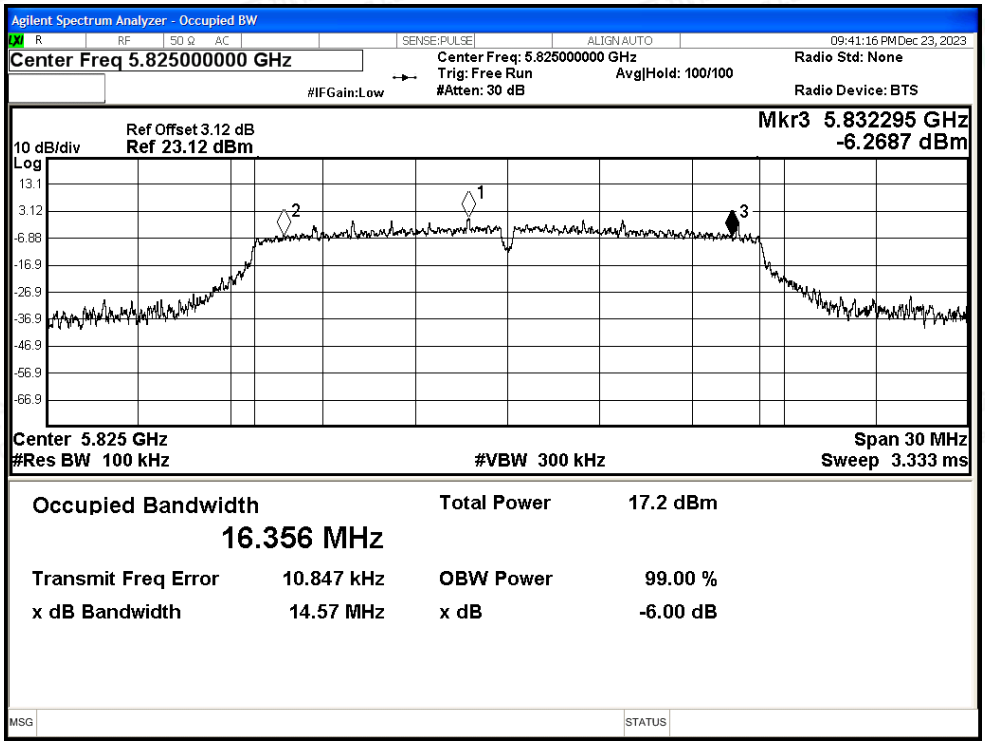
-6dB Bandwidth NVNT a 5745MHz Ant2



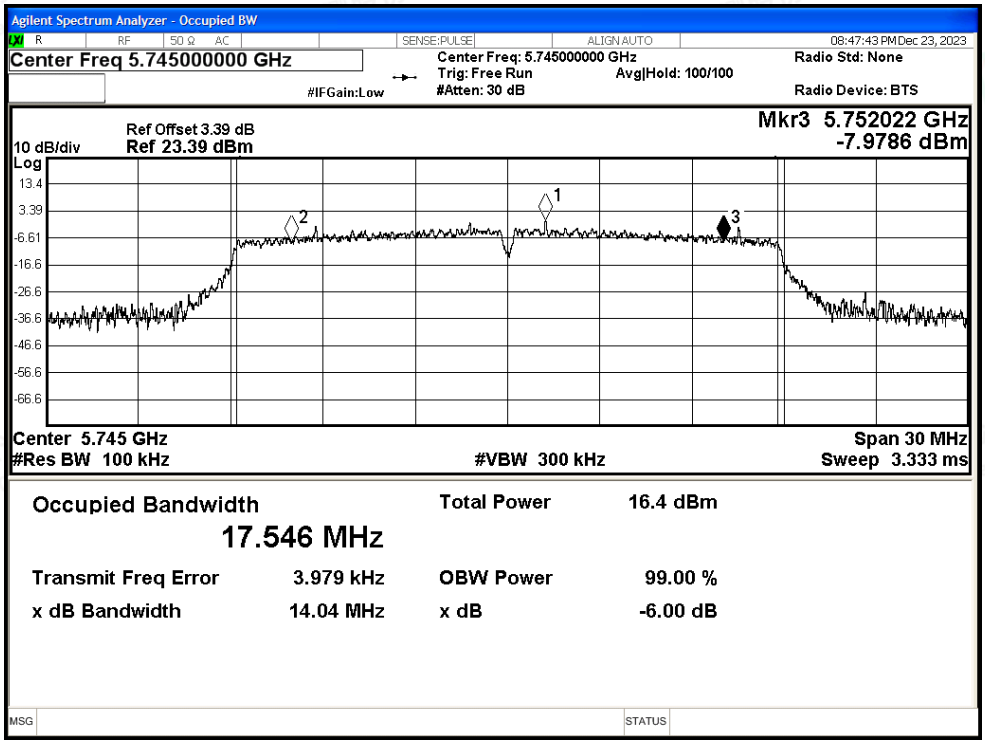
-6dB Bandwidth NVNT a 5785MHz Ant2



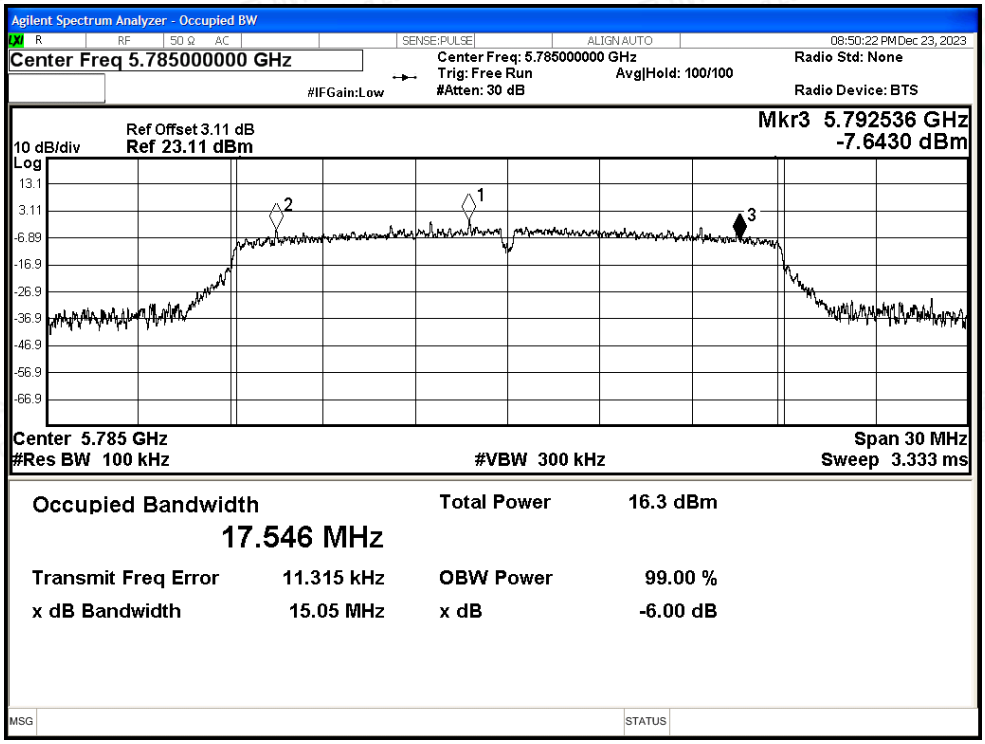
-6dB Bandwidth NVNT a 5825MHz Ant2



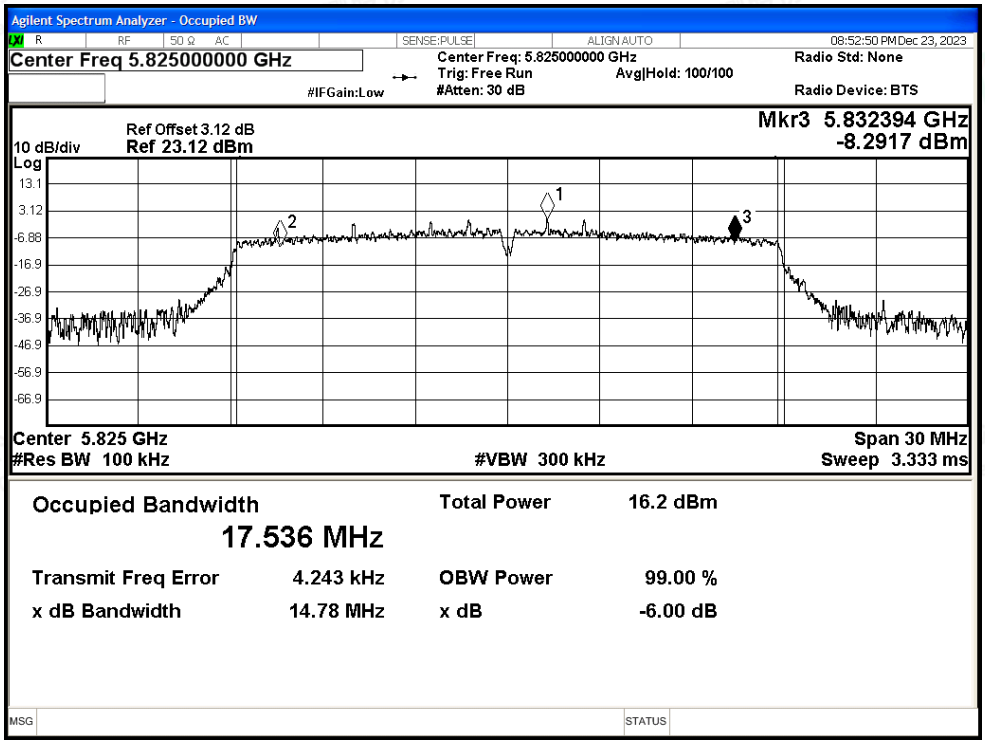
-6dB Bandwidth NVNT n20 5745MHz Ant2



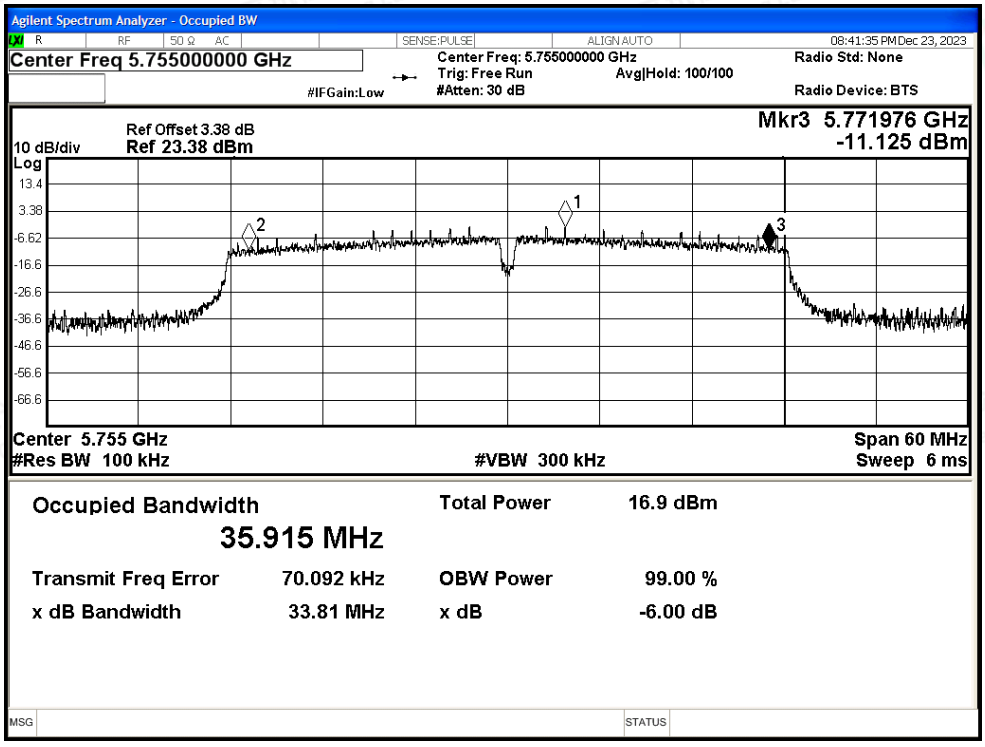
-6dB Bandwidth NVNT n20 5785MHz Ant2



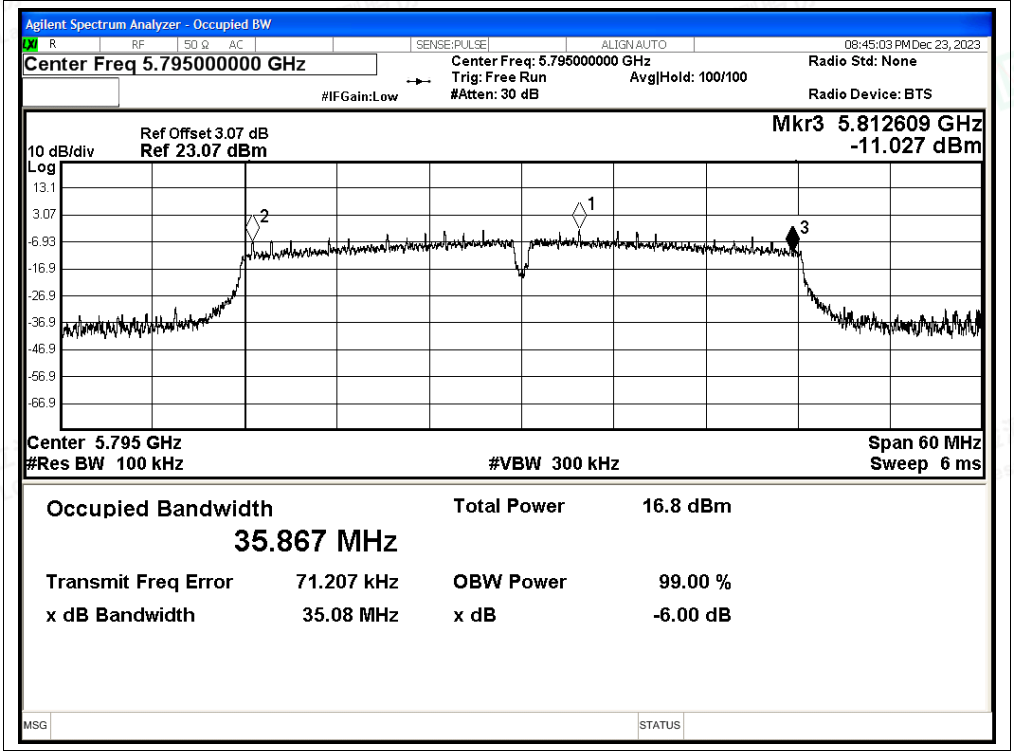
-6dB Bandwidth NVNT n20 5825MHz Ant2



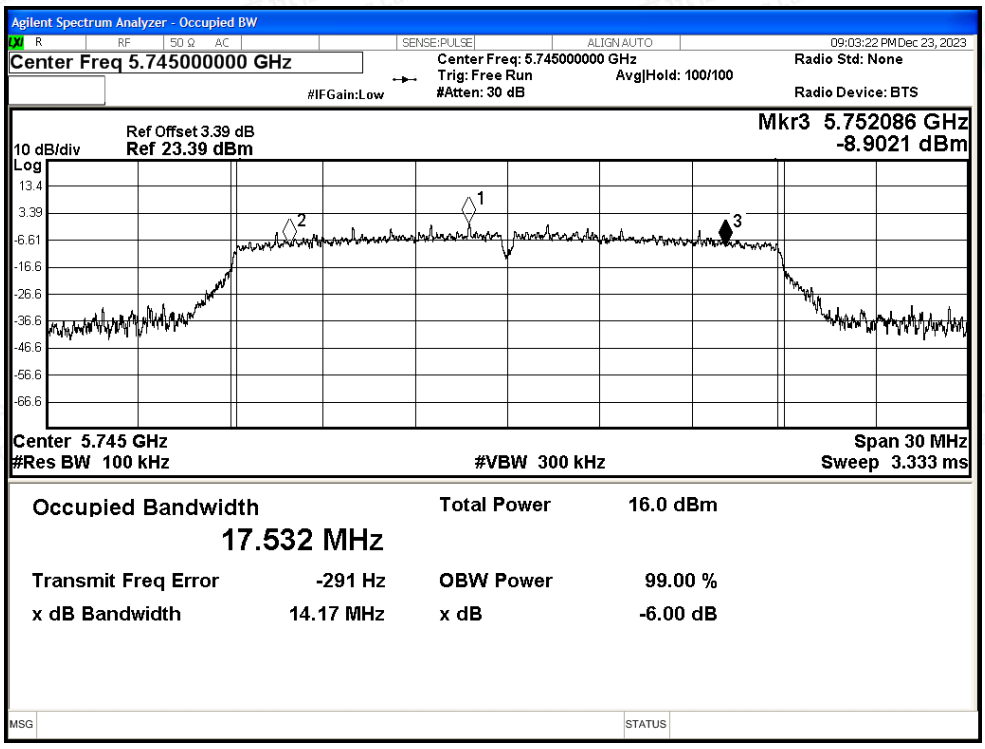
-6dB Bandwidth NVNT n40 5755MHz Ant2



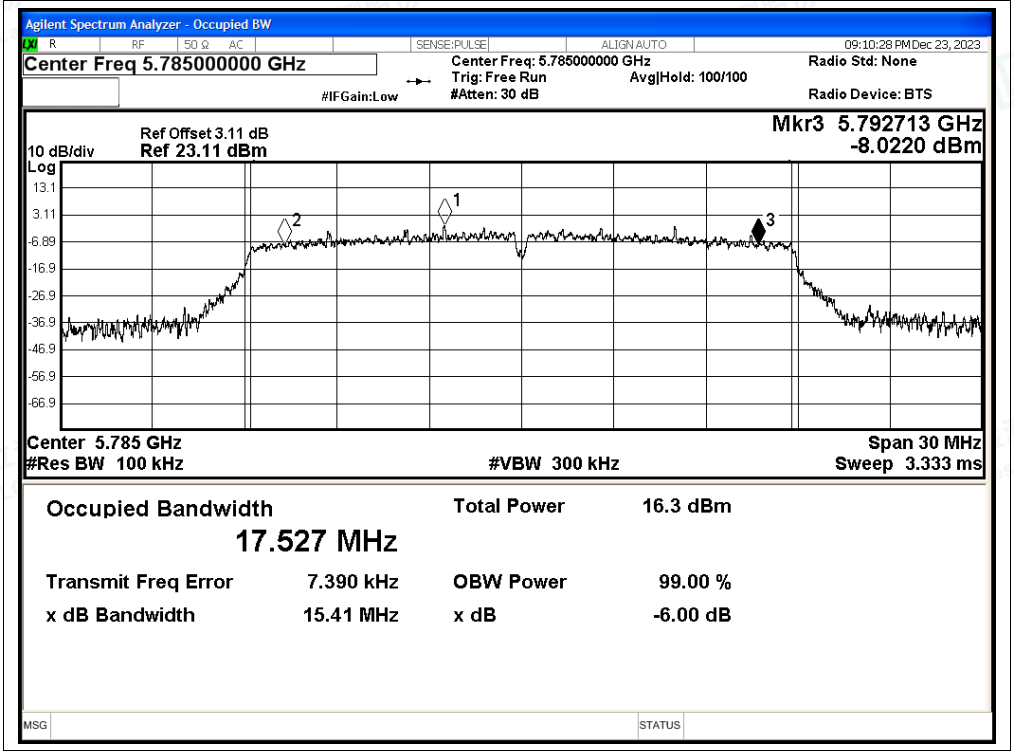
-6dB Bandwidth NVNT n40 5795MHz Ant2



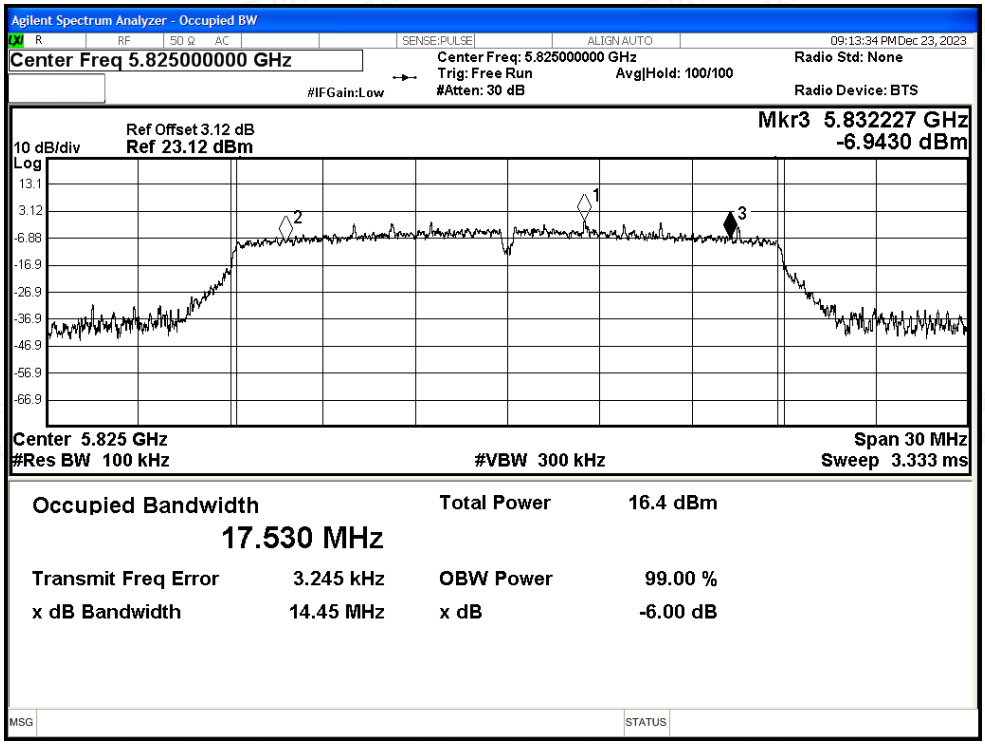
-6dB Bandwidth NVNT ac20 5745MHz Ant2



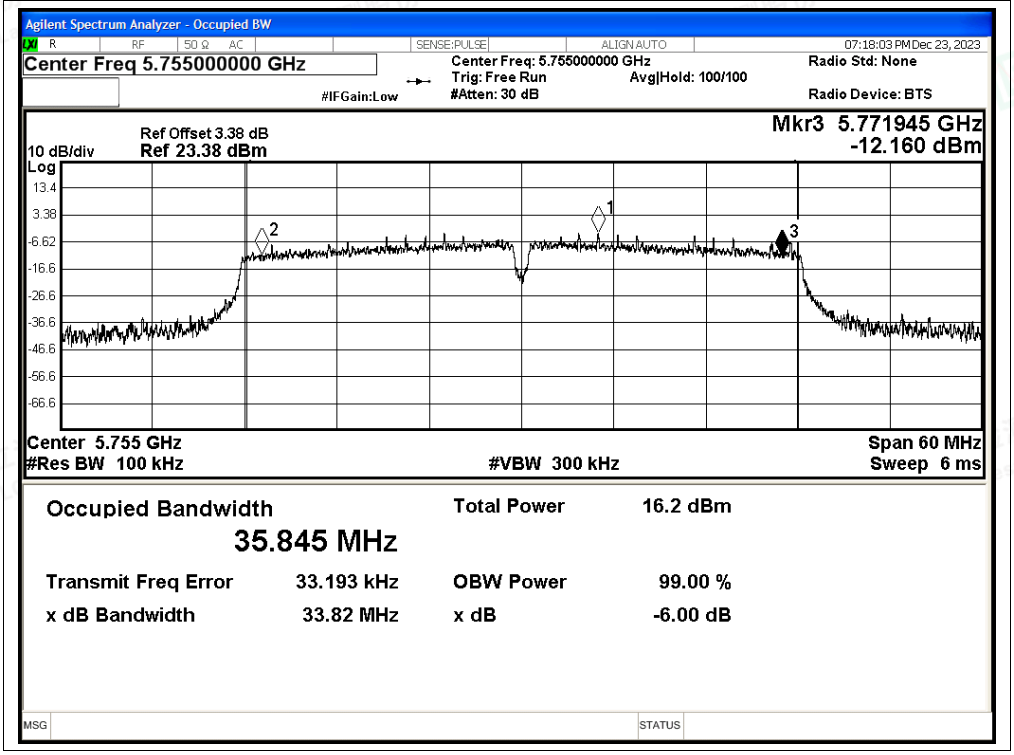
-6dB Bandwidth NVNT ac20 5785MHz Ant2



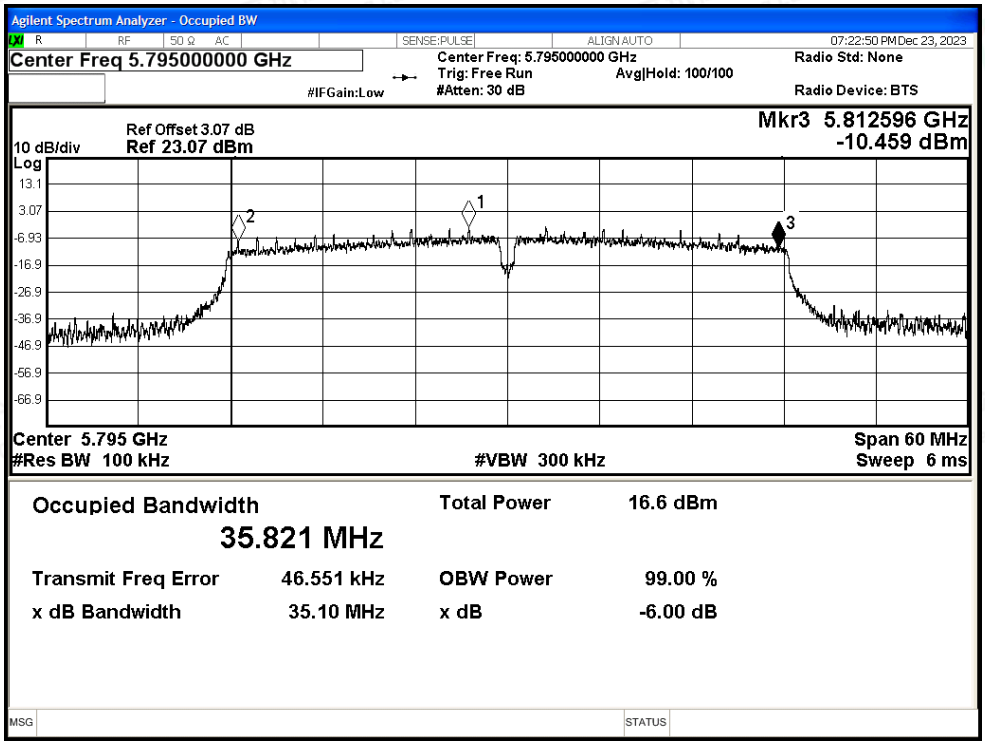
-6dB Bandwidth NVNT ac20 5825MHz Ant2



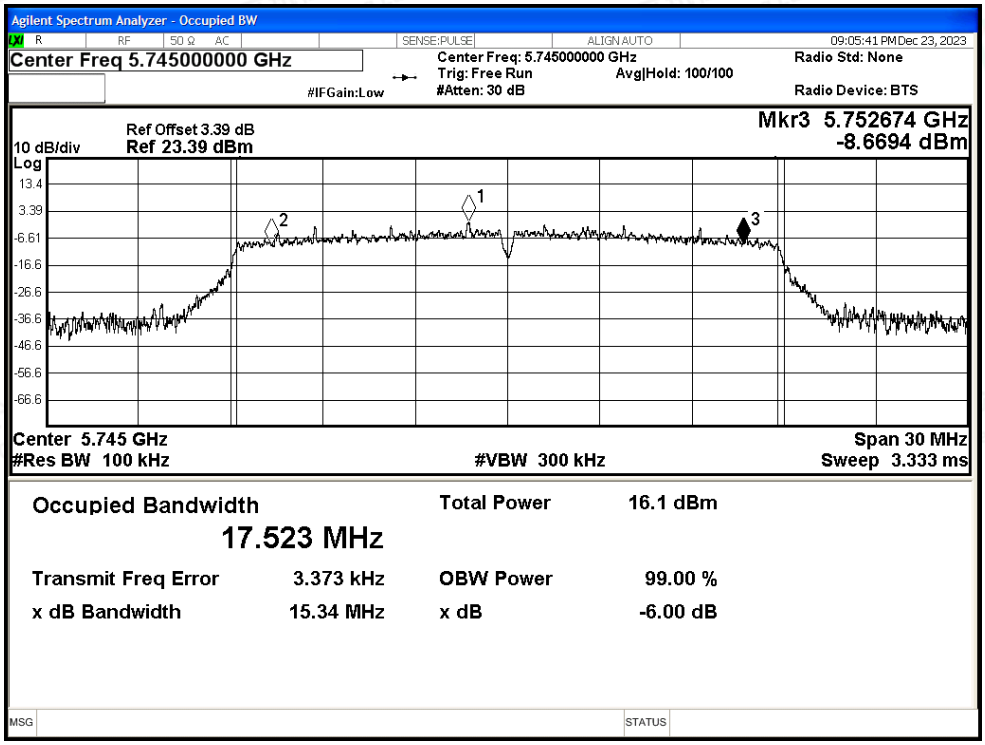
-6dB Bandwidth NVNT ac40 5755MHz Ant2



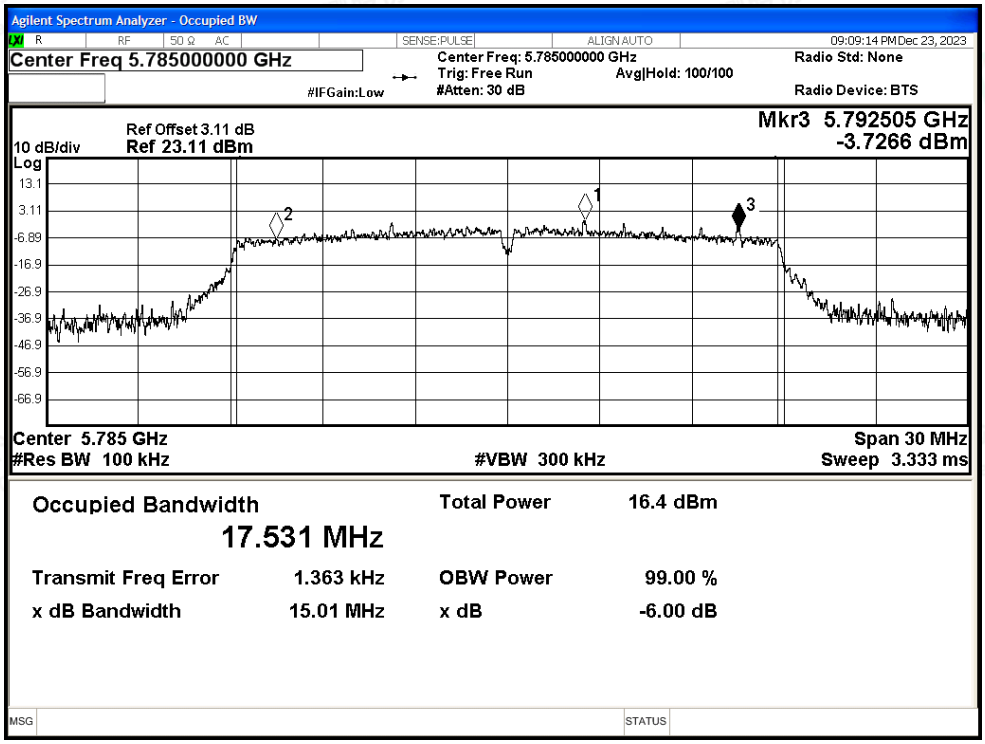
-6dB Bandwidth NVNT ac40 5795MHz Ant2



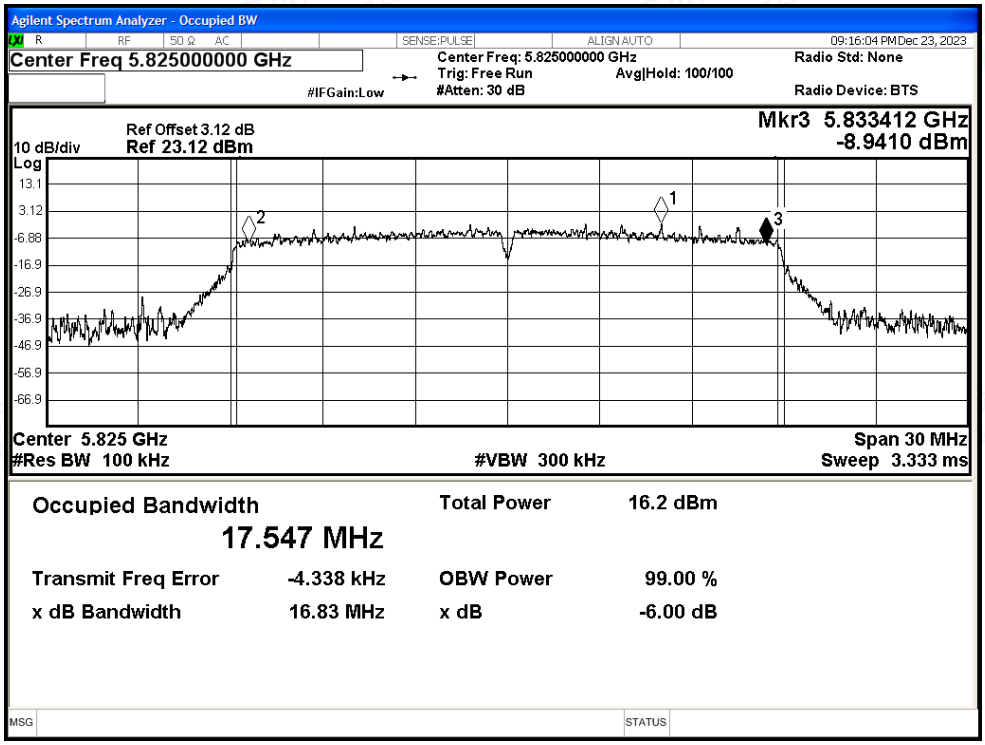
-6dB Bandwidth NVNT ax20 5745MHz Ant2



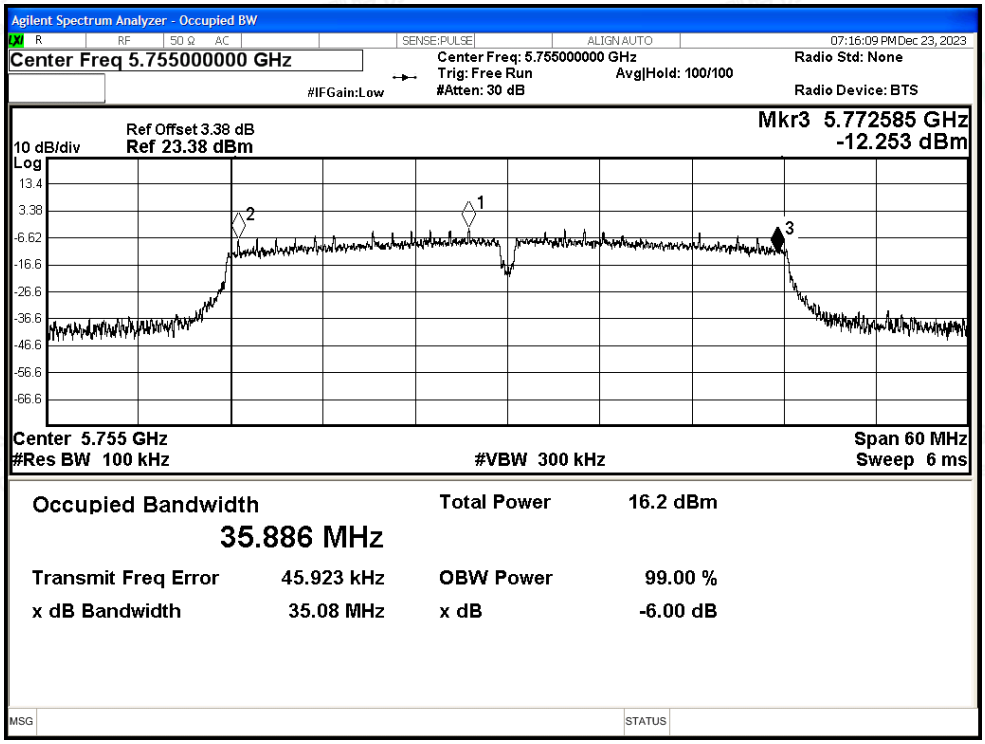
-6dB Bandwidth NVNT ax20 5785MHz Ant2



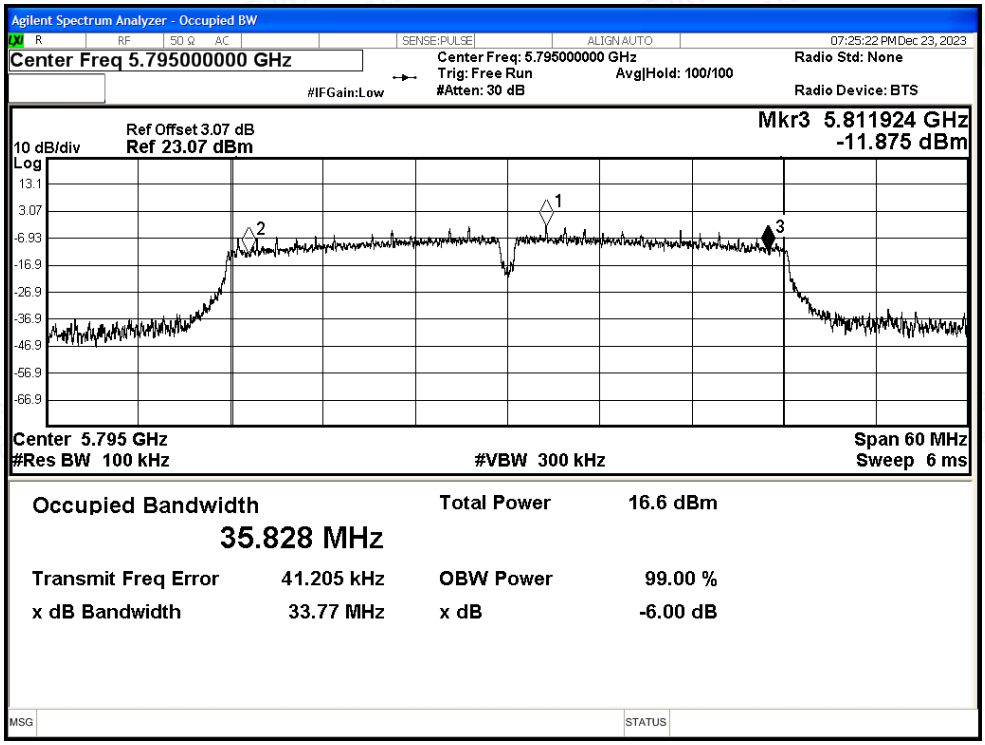
-6dB Bandwidth NVNT ax20 5825MHz Ant2



-6dB Bandwidth NVNT ax40 5755MHz Ant2



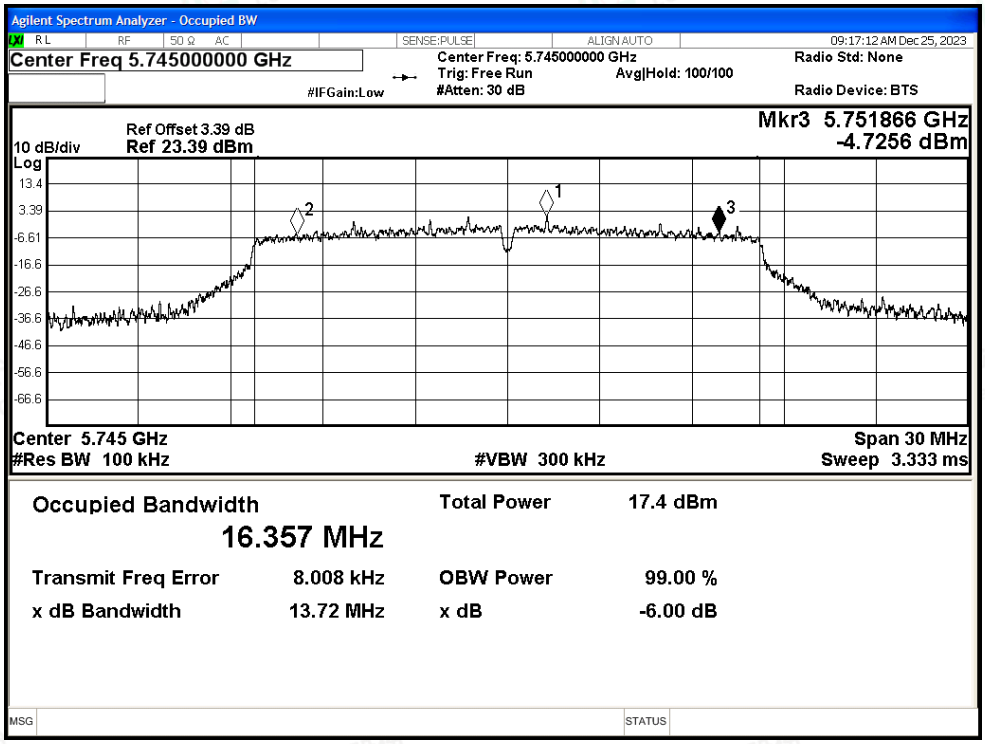
-6dB Bandwidth NVNT ax40 5795MHz Ant2



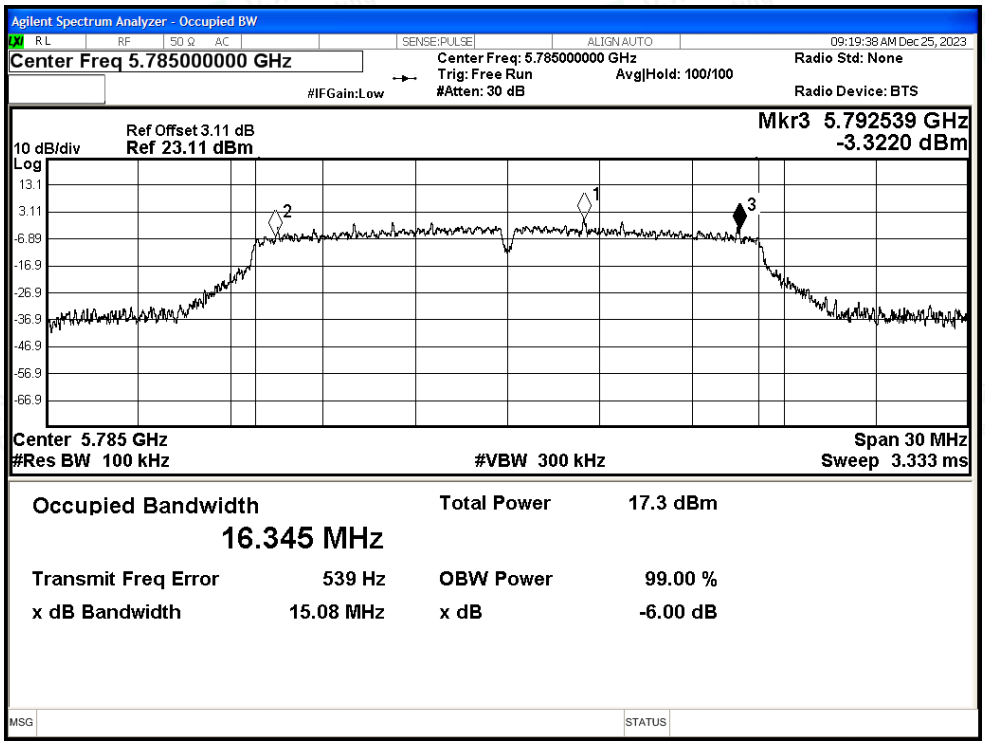
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant3	13.716	>=0.5	Pass
NVNT	a	5785	Ant3	15.077	>=0.5	Pass
NVNT	a	5825	Ant3	13.879	>=0.5	Pass
NVNT	n20	5745	Ant3	14.045	>=0.5	Pass
NVNT	n20	5785	Ant3	14.788	>=0.5	Pass
NVNT	n20	5825	Ant3	14.455	>=0.5	Pass
NVNT	n40	5755	Ant3	35.101	>=0.5	Pass
NVNT	n40	5795	Ant3	35.06	>=0.5	Pass
NVNT	ac20	5745	Ant3	15.281	>=0.5	Pass
NVNT	ac20	5785	Ant3	15.44	>=0.5	Pass
NVNT	ac20	5825	Ant3	15.041	>=0.5	Pass
NVNT	ac40	5755	Ant3	35.068	>=0.5	Pass
NVNT	ac40	5795	Ant3	35.065	>=0.5	Pass
NVNT	ax20	5745	Ant3	13.856	>=0.5	Pass
NVNT	ax20	5785	Ant3	14.99	>=0.5	Pass
NVNT	ax20	5825	Ant3	13.82	>=0.5	Pass
NVNT	ax40	5755	Ant3	33.813	>=0.5	Pass
NVNT	ax40	5795	Ant3	35.008	>=0.5	Pass

Test Graphs

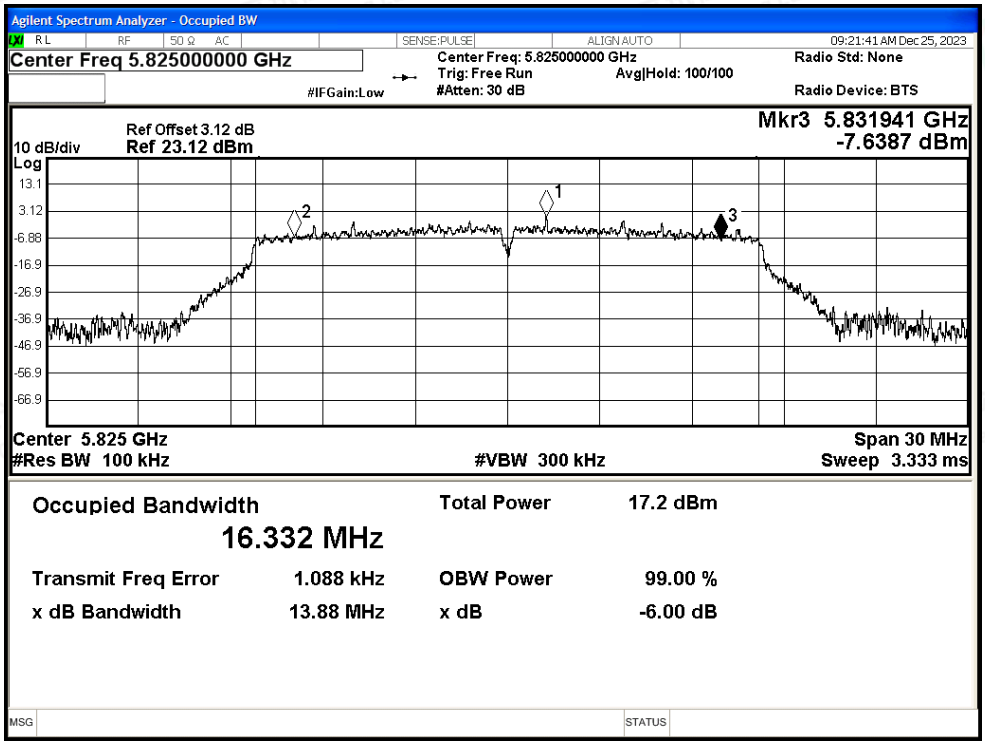
-6dB Bandwidth NVNT a 5745MHz Ant3



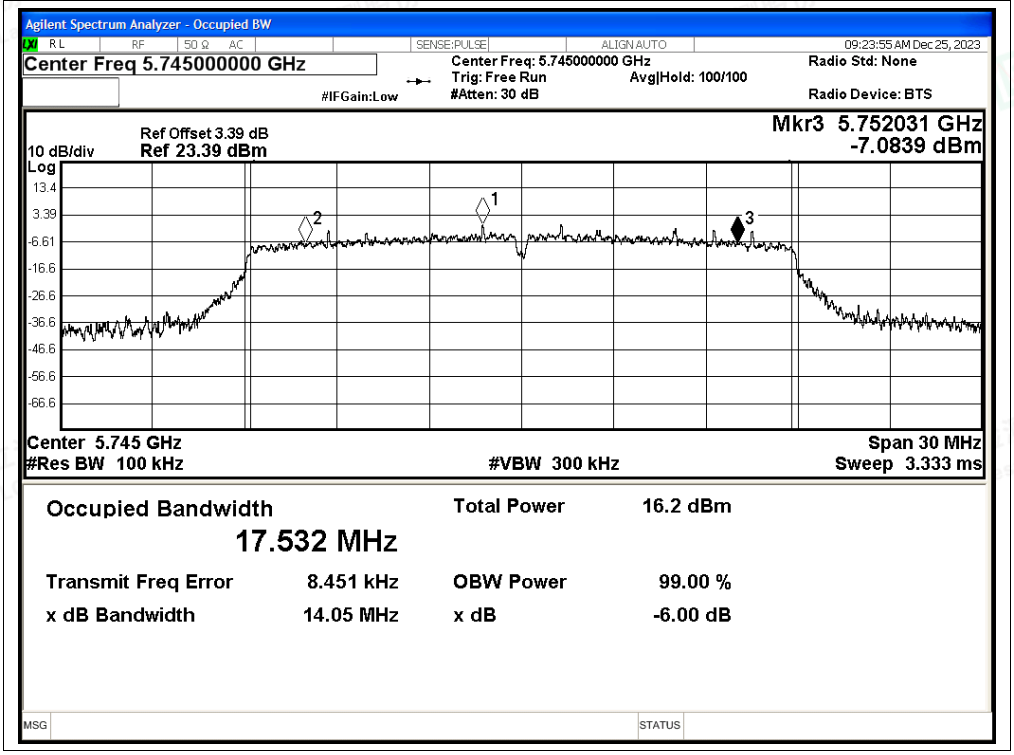
-6dB Bandwidth NVNT a 5785MHz Ant3



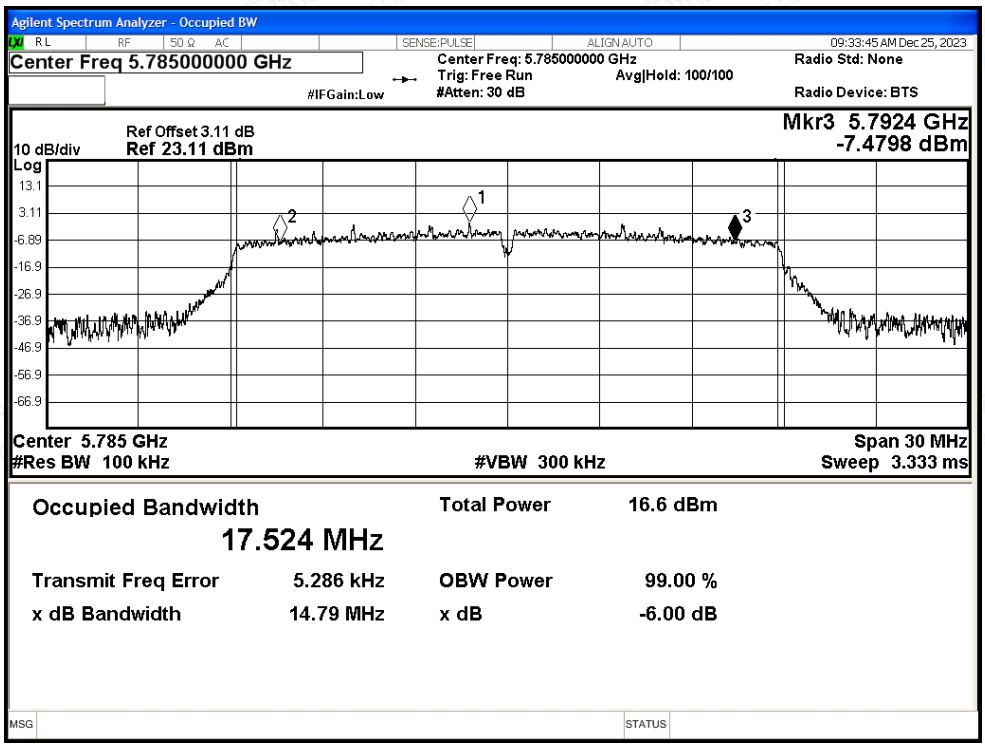
-6dB Bandwidth NVNT a 5825MHz Ant3



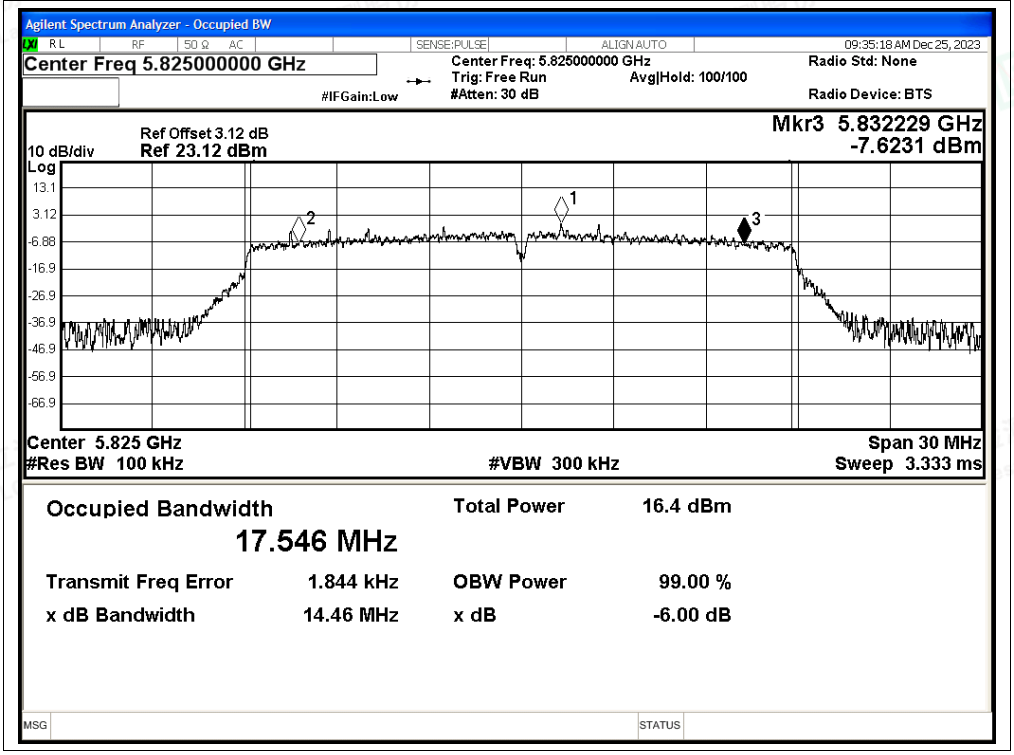
-6dB Bandwidth NVNT n20 5745MHz Ant3



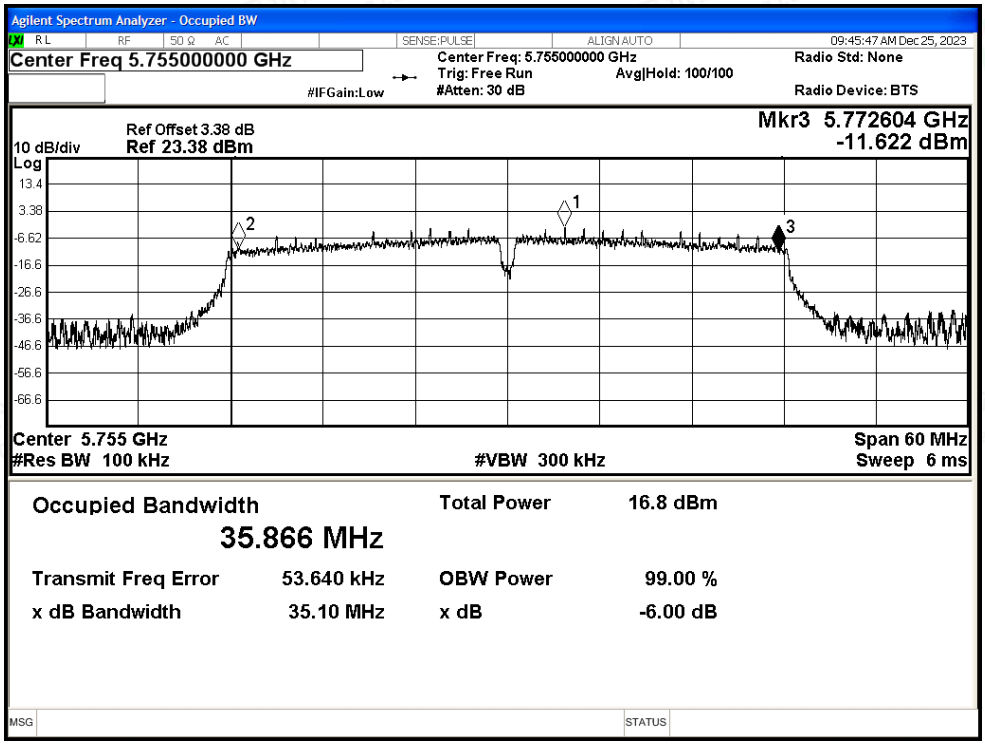
-6dB Bandwidth NVNT n20 5785MHz Ant3



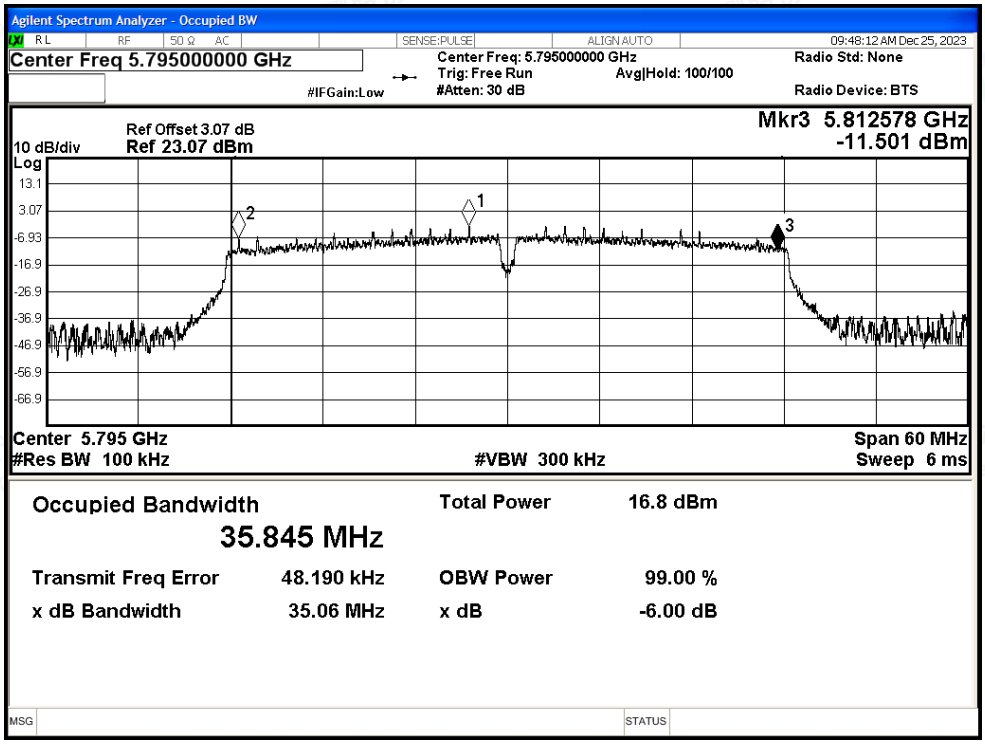
-6dB Bandwidth NVNT n20 5825MHz Ant3



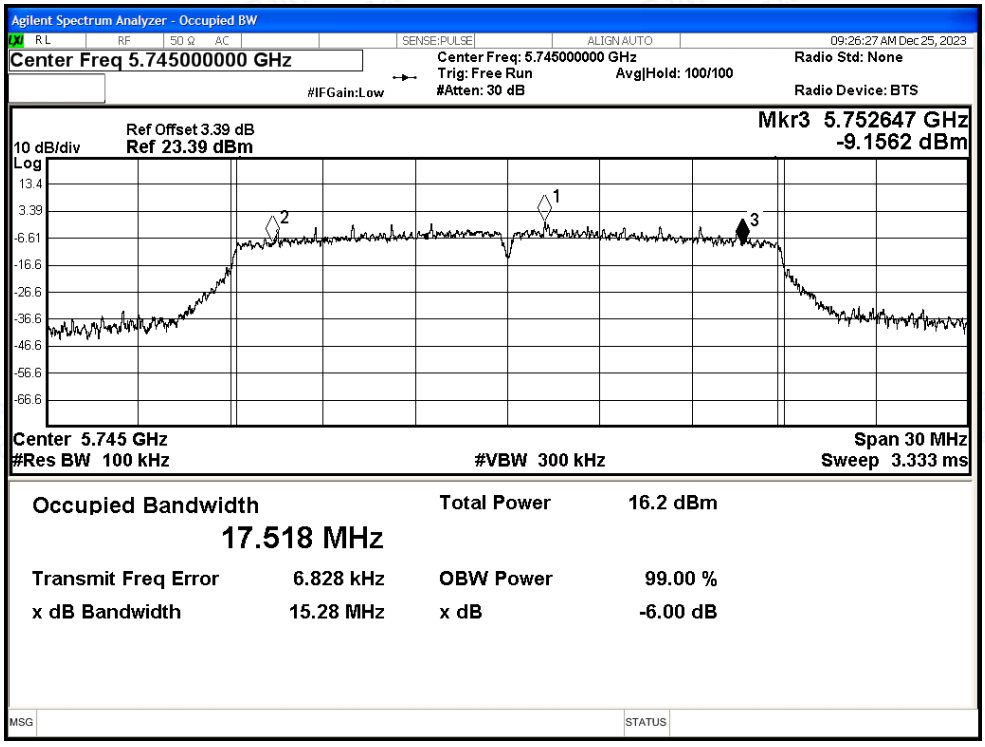
-6dB Bandwidth NVNT n40 5755MHz Ant3



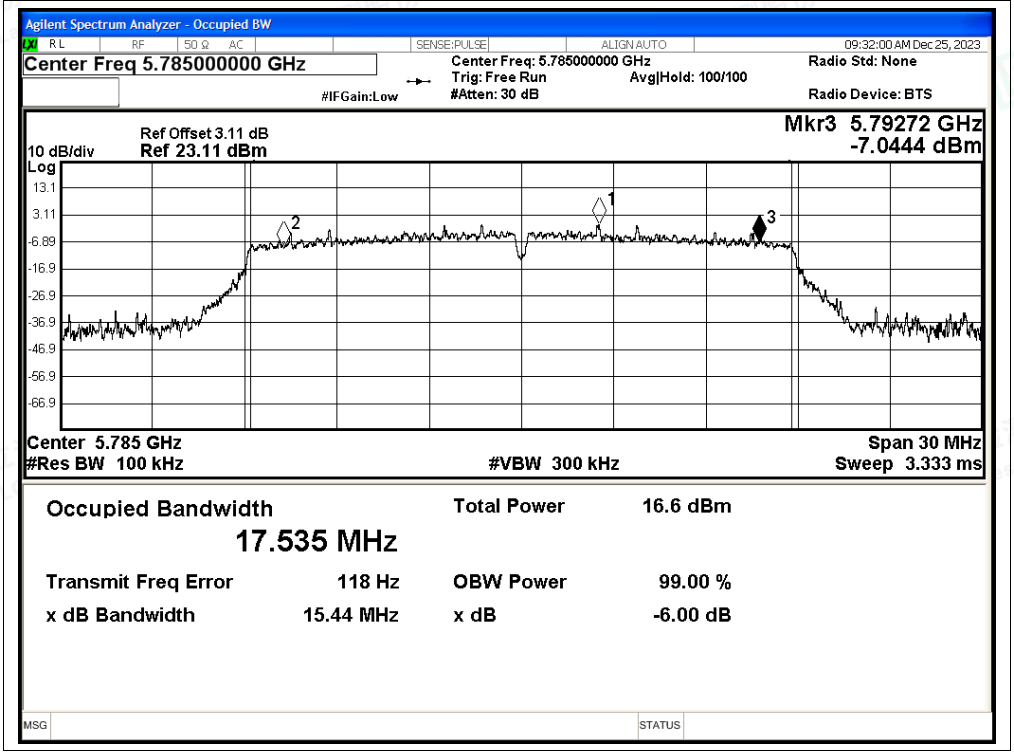
-6dB Bandwidth NVNT n40 5795MHz Ant3



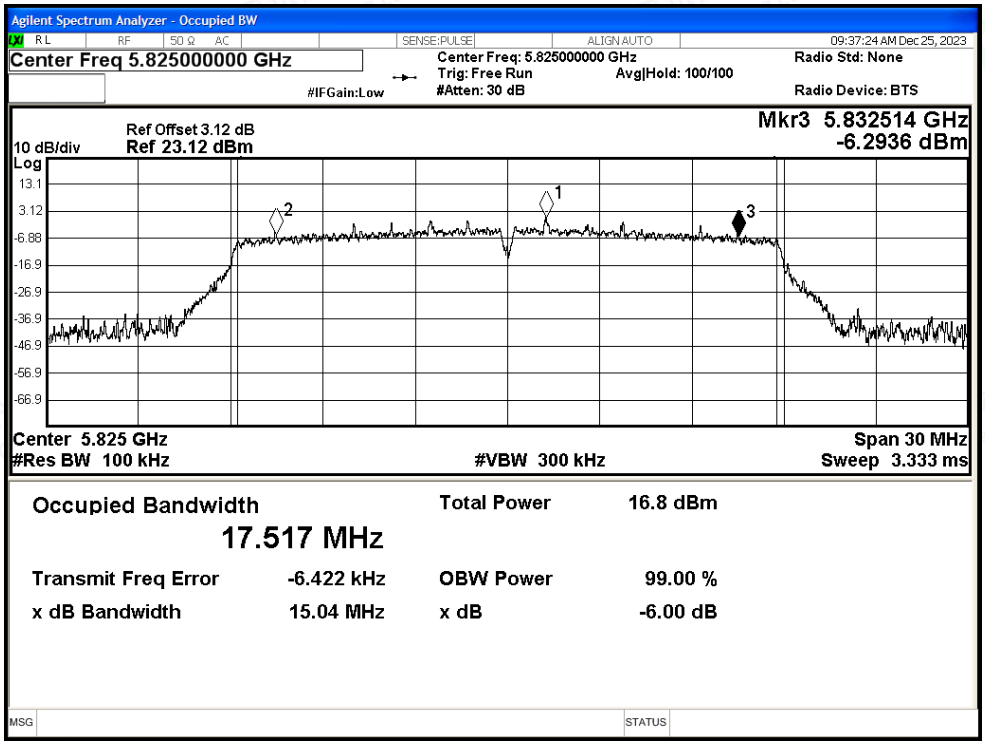
-6dB Bandwidth NVNT ac20 5745MHz Ant3



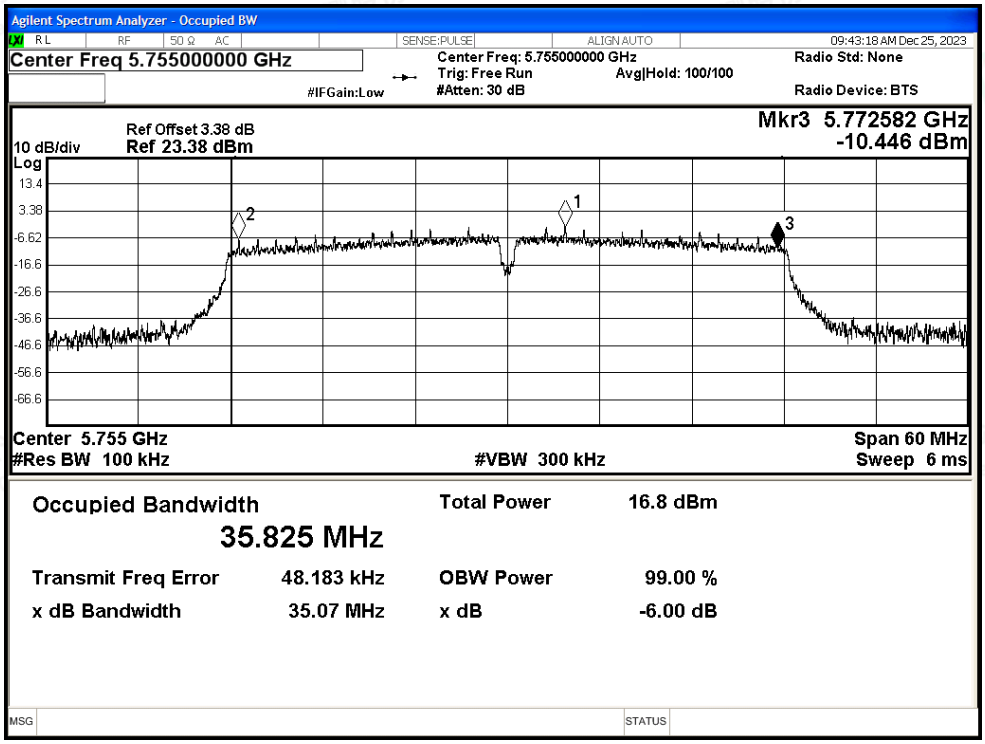
-6dB Bandwidth NVNT ac20 5785MHz Ant3



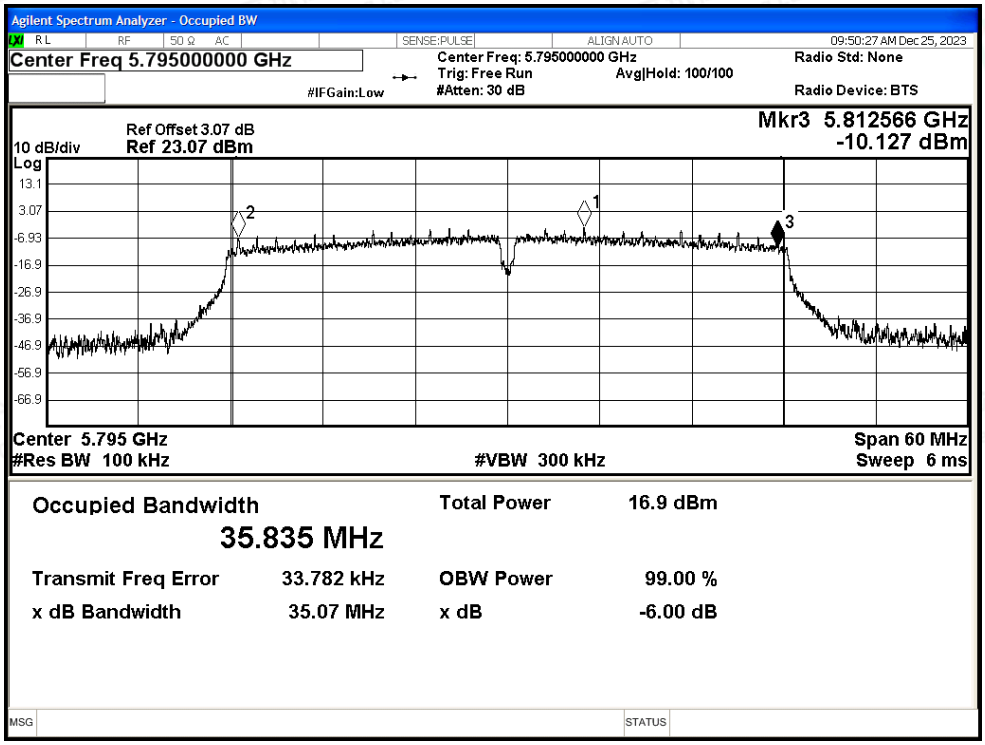
-6dB Bandwidth NVNT ac20 5825MHz Ant3



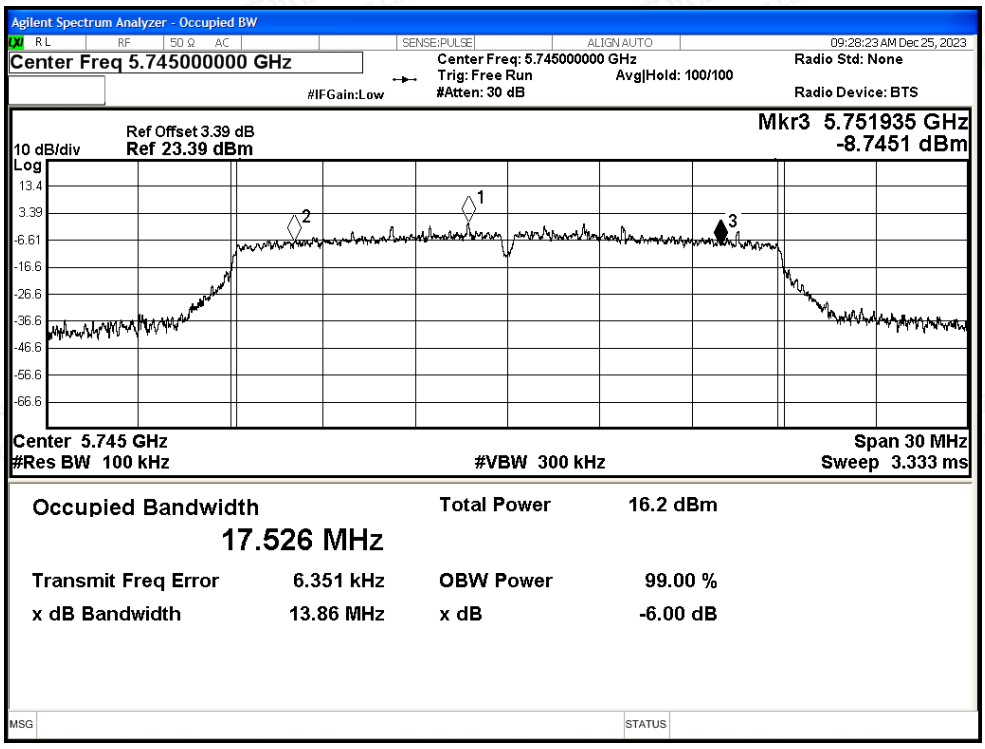
-6dB Bandwidth NVNT ac40 5755MHz Ant3



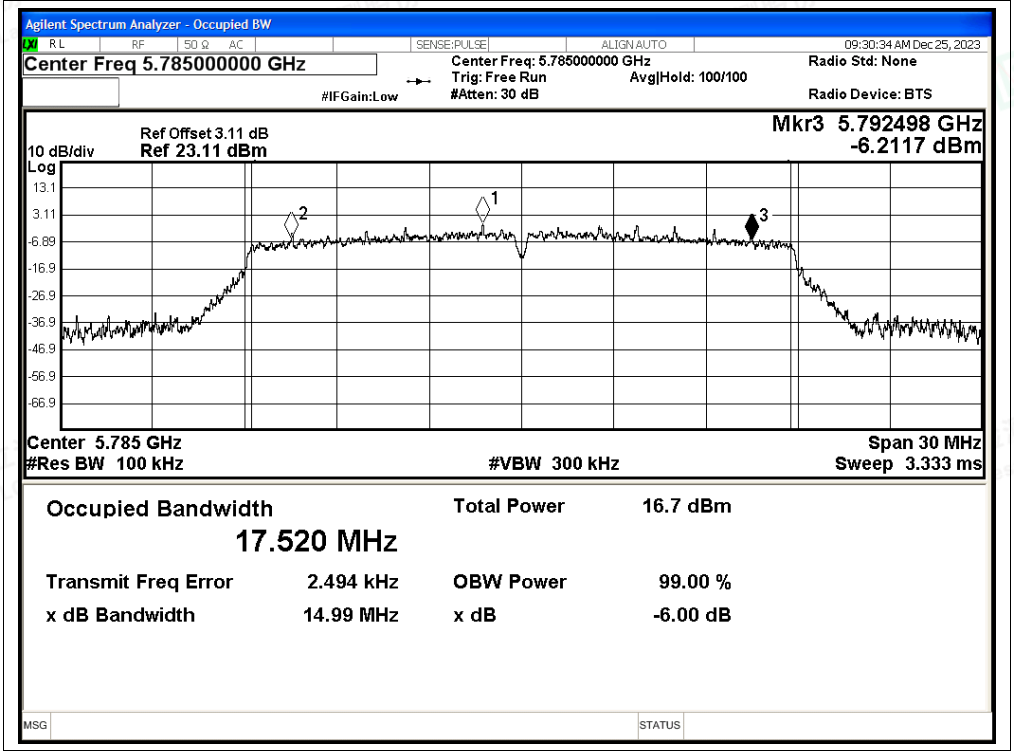
-6dB Bandwidth NVNT ac40 5795MHz Ant3



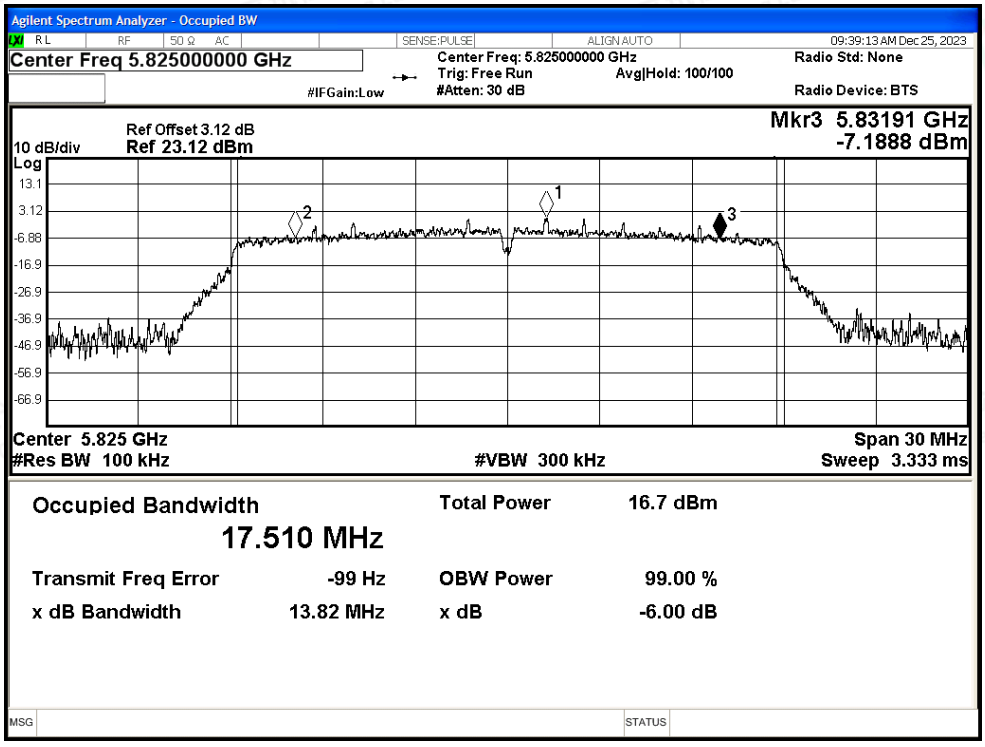
-6dB Bandwidth NVNT ax20 5745MHz Ant3



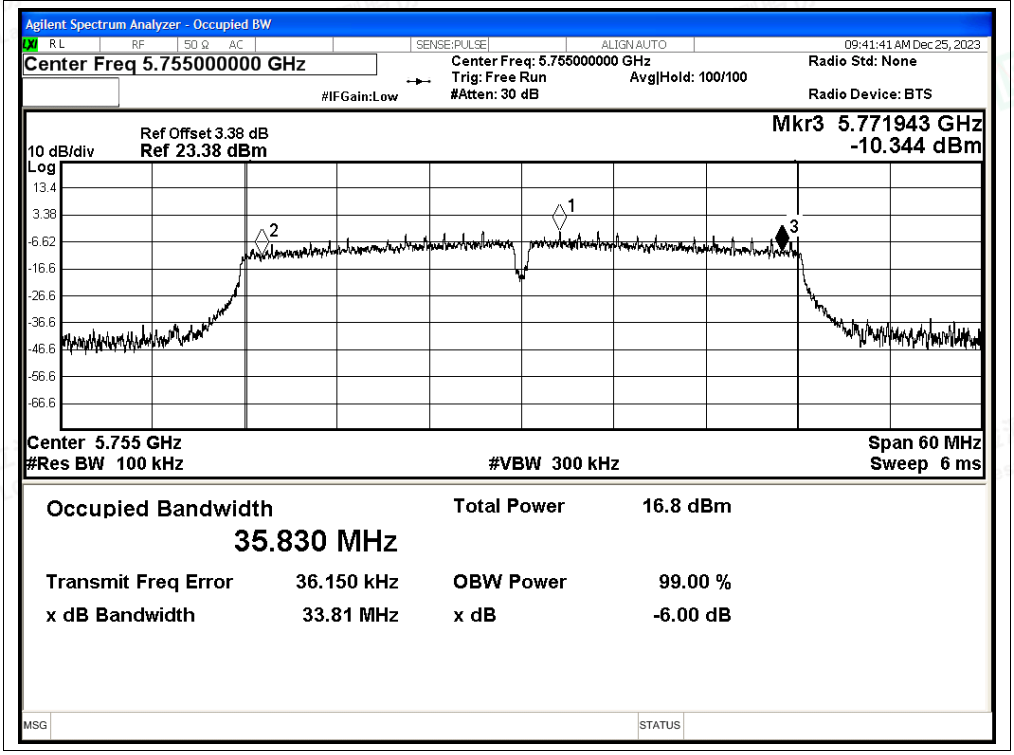
-6dB Bandwidth NVNT ax20 5785MHz Ant3



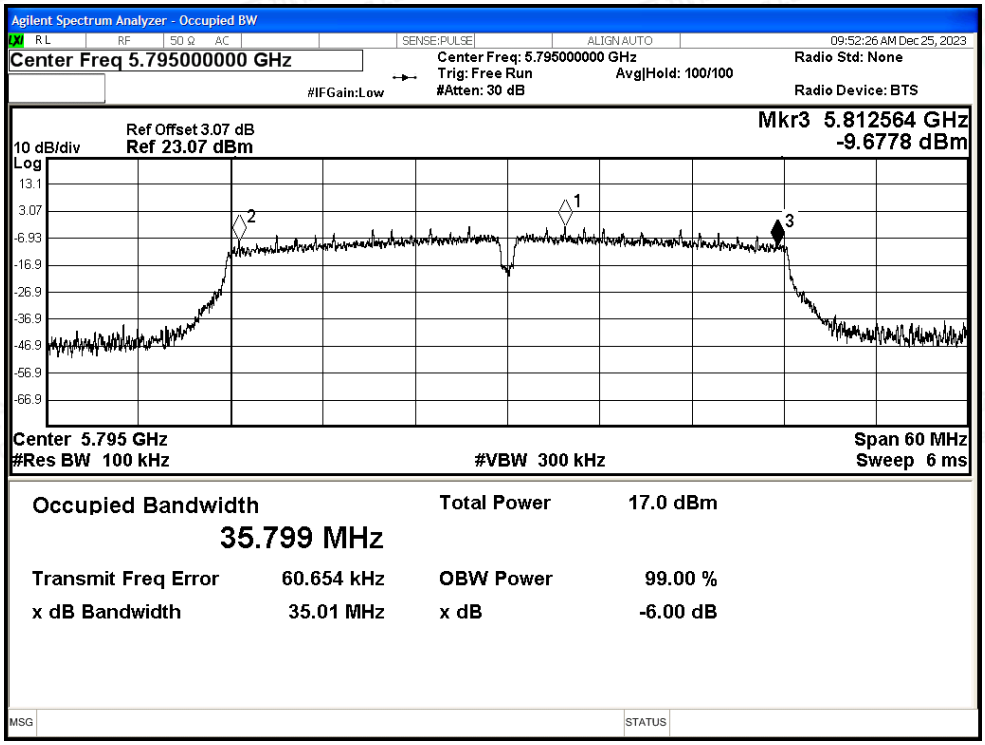
-6dB Bandwidth NVNT ax20 5825MHz Ant3



-6dB Bandwidth NVNT ax40 5755MHz Ant3



-6dB Bandwidth NVNT ax40 5795MHz Ant3



E.2 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	11.38	0.13	11.51	30	Pass
NVNT	a	5785	Ant1	11.49	0.14	11.63	30	Pass
NVNT	a	5825	Ant1	11.46	0.13	11.59	30	Pass
NVNT	n20	5745	Ant1	10.4	0.15	10.55	30	Pass
NVNT	n20	5785	Ant1	10.74	0.15	10.89	30	Pass
NVNT	n20	5825	Ant1	10.58	0.15	10.73	30	Pass
NVNT	n40	5755	Ant1	10.16	0.29	10.45	30	Pass
NVNT	n40	5795	Ant1	10.75	0.29	11.04	30	Pass
NVNT	ac20	5745	Ant1	10.27	0.14	10.41	30	Pass
NVNT	ac20	5785	Ant1	10.74	0.14	10.88	30	Pass
NVNT	ac20	5825	Ant1	10.4	0.15	10.55	30	Pass
NVNT	ac40	5755	Ant1	10.28	0.28	10.56	30	Pass
NVNT	ac40	5795	Ant1	9.92	0.28	10.2	30	Pass
NVNT	ax20	5745	Ant1	10.62	0.15	10.77	30	Pass
NVNT	ax20	5785	Ant1	10.17	0.14	10.31	30	Pass
NVNT	ax20	5825	Ant1	10.49	0.14	10.63	30	Pass
NVNT	ax40	5755	Ant1	10.19	0.28	10.47	30	Pass
NVNT	ax40	5795	Ant1	9.98	0.28	10.26	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	11.11	0.13	11.24	30	Pass
NVNT	a	5785	Ant2	11.02	0.13	11.15	30	Pass
NVNT	a	5825	Ant2	11.34	0.13	11.47	30	Pass
NVNT	n20	5745	Ant2	10.6	0.15	10.75	30	Pass
NVNT	n20	5785	Ant2	10.47	0.15	10.62	30	Pass
NVNT	n20	5825	Ant2	10.85	0.15	11	30	Pass
NVNT	n40	5755	Ant2	10.46	0.29	10.75	30	Pass
NVNT	n40	5795	Ant2	10.33	0.29	10.62	30	Pass
NVNT	ac20	5745	Ant2	10.67	0.15	10.82	30	Pass
NVNT	ac20	5785	Ant2	10.43	0.14	10.57	30	Pass
NVNT	ac20	5825	Ant2	10.41	0.14	10.55	30	Pass
NVNT	ac40	5755	Ant2	9.81	0.28	10.09	30	Pass
NVNT	ac40	5795	Ant2	10.16	0.28	10.44	30	Pass
NVNT	ax20	5745	Ant2	10.14	0.15	10.29	30	Pass
NVNT	ax20	5785	Ant2	10.48	0.14	10.62	30	Pass
NVNT	ax20	5825	Ant2	10.36	0.14	10.5	30	Pass
NVNT	ax40	5755	Ant2	9.8	0.28	10.08	30	Pass
NVNT	ax40	5795	Ant2	10.14	0.28	10.42	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant3	11.53	0.13	11.66	30	Pass
NVNT	a	5785	Ant3	11.34	0.14	11.48	30	Pass
NVNT	a	5825	Ant3	11.23	0.13	11.36	30	Pass
NVNT	n20	5745	Ant3	10.3	0.15	10.45	30	Pass
NVNT	n20	5785	Ant3	10.7	0.15	10.85	30	Pass
NVNT	n20	5825	Ant3	10.53	0.15	10.68	30	Pass
NVNT	n40	5755	Ant3	10.37	0.28	10.65	30	Pass
NVNT	n40	5795	Ant3	10.42	0.28	10.7	30	Pass
NVNT	ac20	5745	Ant3	10.24	0.14	10.38	30	Pass
NVNT	ac20	5785	Ant3	10.7	0.14	10.84	30	Pass
NVNT	ac20	5825	Ant3	10.79	0.14	10.93	30	Pass
NVNT	ac40	5755	Ant3	10.35	0.28	10.63	30	Pass
NVNT	ac40	5795	Ant3	10.48	0.28	10.76	30	Pass
NVNT	ax20	5745	Ant3	10.21	0.15	10.36	30	Pass
NVNT	ax20	5785	Ant3	10.47	0.15	10.62	30	Pass
NVNT	ax20	5825	Ant3	10.82	0.14	10.96	30	Pass
NVNT	ax40	5755	Ant3	10.41	0.28	10.69	30	Pass
NVNT	ax40	5795	Ant3	10.46	0.28	10.74	30	Pass

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Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant2	Ant3	Ant2+ Ant3		
NVNT	n20	5745	10.75	10.45	13.61	30	Pass
NVNT	n20	5785	10.62	10.85	13.75	30	Pass
NVNT	n20	5825	11	10.68	13.85	30	Pass
NVNT	n40	5755	10.75	10.65	13.71	30	Pass
NVNT	n40	5795	10.62	10.7	13.67	30	Pass
NVNT	ac20	5745	10.82	10.38	13.62	30	Pass
NVNT	ac20	5785	10.57	10.84	13.72	30	Pass
NVNT	ac20	5825	10.55	10.93	13.75	30	Pass
NVNT	ac40	5755	10.09	10.63	13.38	30	Pass
NVNT	ac40	5795	10.44	10.76	13.61	30	Pass
NVNT	ax20	5745	10.29	10.36	13.34	30	Pass
NVNT	ax20	5785	10.62	10.62	13.63	30	Pass
NVNT	ax20	5825	10.5	10.96	13.75	30	Pass
NVNT	ax40	5755	10.08	10.69	13.41	30	Pass
NVNT	ax40	5795	10.42	10.74	13.59	30	Pass

E.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-1.3	0.13	-1.17	30	Pass
NVNT	a	5785	Ant1	-1.11	0.14	-0.97	30	Pass
NVNT	a	5825	Ant1	-1.25	0.13	-1.12	30	Pass
NVNT	n20	5745	Ant1	-2.38	0.15	-2.23	30	Pass
NVNT	n20	5785	Ant1	-1.79	0.15	-1.64	30	Pass
NVNT	n20	5825	Ant1	-2.22	0.15	-2.07	30	Pass
NVNT	n40	5755	Ant1	-5.25	0.29	-4.96	30	Pass
NVNT	n40	5795	Ant1	-4.76	0.29	-4.47	30	Pass
NVNT	ac20	5745	Ant1	-2.56	0.14	-2.42	30	Pass
NVNT	ac20	5785	Ant1	-1.96	0.14	-1.82	30	Pass
NVNT	ac20	5825	Ant1	-2.15	0.15	-2	30	Pass
NVNT	ac40	5755	Ant1	-5.35	0.28	-5.07	30	Pass
NVNT	ac40	5795	Ant1	-5.62	0.28	-5.34	30	Pass
NVNT	ax20	5745	Ant1	-2.11	0.15	-1.96	30	Pass
NVNT	ax20	5785	Ant1	-2.41	0.14	-2.27	30	Pass
NVNT	ax20	5825	Ant1	-2.46	0.14	-2.32	30	Pass
NVNT	ax40	5755	Ant1	-5.41	0.28	-5.13	30	Pass
NVNT	ax40	5795	Ant1	-5.61	0.28	-5.33	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	-1.57	0.13	-1.44	30	Pass
NVNT	a	5785	Ant2	-1.03	0.13	-0.9	30	Pass
NVNT	a	5825	Ant2	-1.08	0.13	-0.95	30	Pass
NVNT	n20	5745	Ant2	-2.26	0.15	-2.11	30	Pass
NVNT	n20	5785	Ant2	-2.37	0.15	-2.22	30	Pass
NVNT	n20	5825	Ant2	-2.47	0.15	-2.32	30	Pass
NVNT	n40	5755	Ant2	-5.21	0.29	-4.92	30	Pass
NVNT	n40	5795	Ant2	-5.23	0.29	-4.94	30	Pass
NVNT	ac20	5745	Ant2	-2.87	0.15	-2.72	30	Pass
NVNT	ac20	5785	Ant2	-2.4	0.14	-2.26	30	Pass
NVNT	ac20	5825	Ant2	-2.5	0.14	-2.36	30	Pass
NVNT	ac40	5755	Ant2	-5.93	0.28	-5.65	30	Pass
NVNT	ac40	5795	Ant2	-5.34	0.28	-5.06	30	Pass
NVNT	ax20	5745	Ant2	-2.62	0.15	-2.47	30	Pass
NVNT	ax20	5785	Ant2	-2.27	0.14	-2.13	30	Pass
NVNT	ax20	5825	Ant2	-2.46	0.14	-2.32	30	Pass
NVNT	ax40	5755	Ant2	-6	0.28	-5.72	30	Pass
NVNT	ax40	5795	Ant2	-5.58	0.28	-5.3	30	Pass

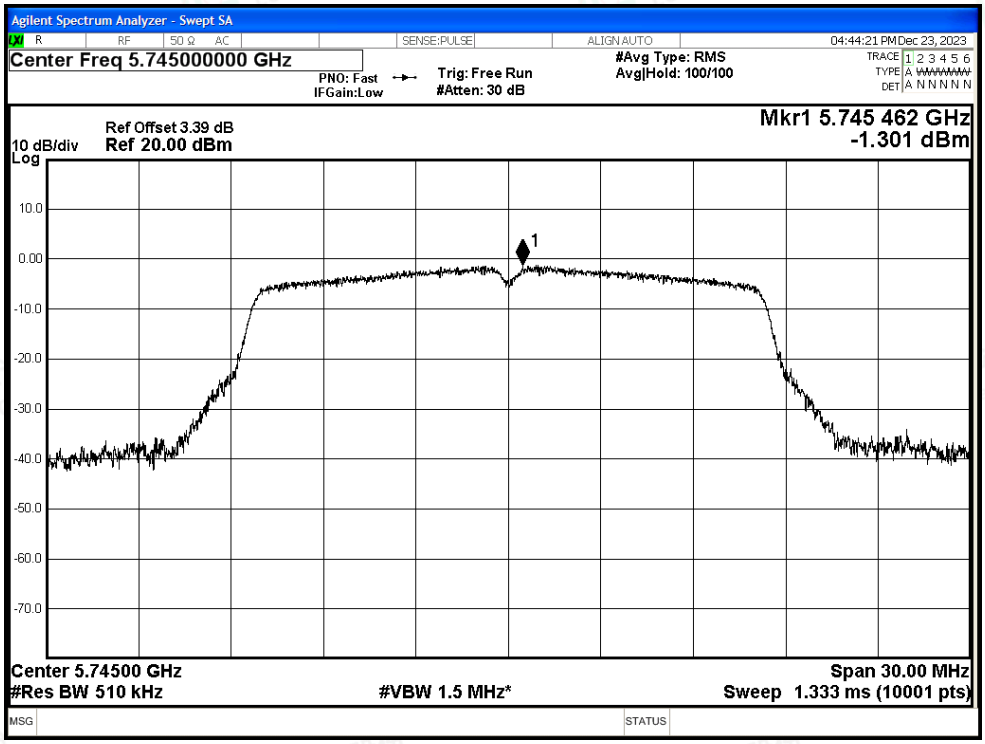
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant3	-0.83	0.13	-0.7	30	Pass
NVNT	a	5785	Ant3	-1.26	0.14	-1.12	30	Pass
NVNT	a	5825	Ant3	-1.22	0.13	-1.09	30	Pass
NVNT	n20	5745	Ant3	-2.62	0.15	-2.47	30	Pass
NVNT	n20	5785	Ant3	-2.12	0.15	-1.97	30	Pass
NVNT	n20	5825	Ant3	-1.88	0.15	-1.73	30	Pass
NVNT	n40	5755	Ant3	-4.89	0.28	-4.61	30	Pass
NVNT	n40	5795	Ant3	-5.31	0.28	-5.03	30	Pass
NVNT	ac20	5745	Ant3	-2.05	0.14	-1.91	30	Pass
NVNT	ac20	5785	Ant3	-2.25	0.14	-2.11	30	Pass
NVNT	ac20	5825	Ant3	-1.96	0.14	-1.82	30	Pass
NVNT	ac40	5755	Ant3	-5.6	0.28	-5.32	30	Pass
NVNT	ac40	5795	Ant3	-5.21	0.28	-4.93	30	Pass
NVNT	ax20	5745	Ant3	-2.01	0.15	-1.86	30	Pass
NVNT	ax20	5785	Ant3	-2.1	0.15	-1.95	30	Pass
NVNT	ax20	5825	Ant3	-2.12	0.14	-1.98	30	Pass
NVNT	ax40	5755	Ant3	-5.43	0.28	-5.15	30	Pass
NVNT	ax40	5795	Ant3	-5.15	0.28	-4.87	30	Pass

MIMO

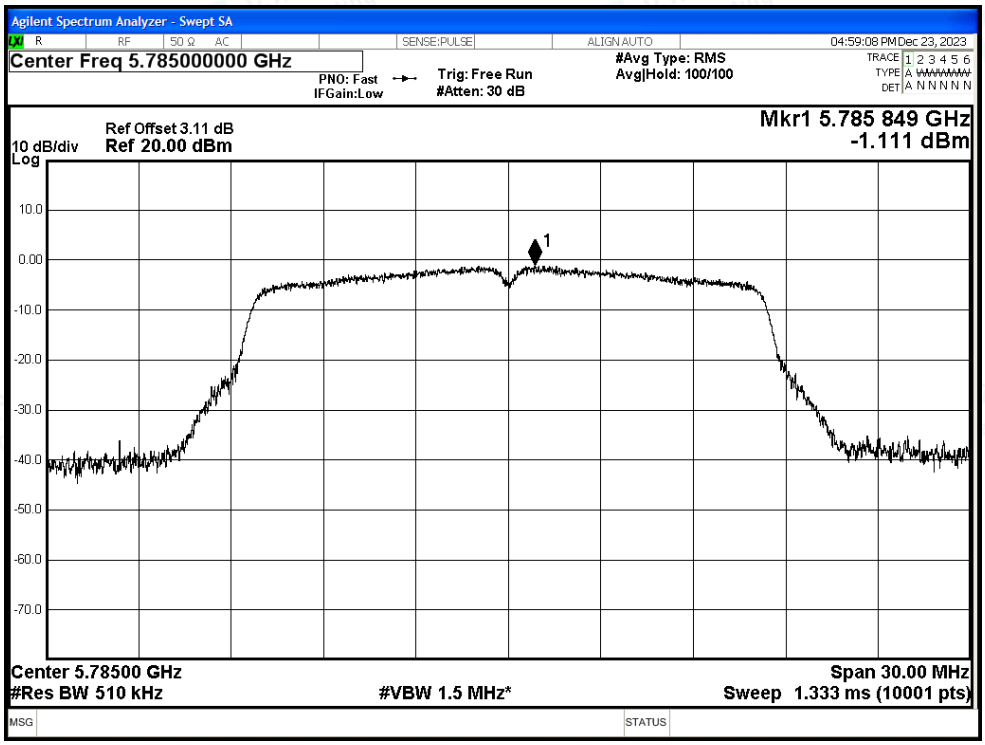
Condition	Mode	Frequency (MHz)	Total PSD (dBm)			Limit (dBm)	Verdict
			Ant2	Ant3	Ant2+ Ant3		
NVNT	n20	5745	-2.11	-2.47	0.72	27.49	Pass
NVNT	n20	5785	-2.22	-1.97	0.92	27.49	Pass
NVNT	n20	5825	-2.32	-1.73	1.00	27.49	Pass
NVNT	n40	5755	-4.92	-4.61	-1.75	27.49	Pass
NVNT	n40	5795	-4.94	-5.03	-1.97	27.49	Pass
NVNT	ac20	5745	-2.72	-1.91	0.71	27.49	Pass
NVNT	ac20	5785	-2.26	-2.11	0.83	27.49	Pass
NVNT	ac20	5825	-2.36	-1.82	0.93	27.49	Pass
NVNT	ac40	5755	-5.65	-5.32	-2.47	27.49	Pass
NVNT	ac40	5795	-5.06	-4.93	-1.98	27.49	Pass
NVNT	ax20	5745	-2.47	-1.86	0.86	27.49	Pass
NVNT	ax20	5785	-2.13	-1.95	0.97	27.49	Pass
NVNT	ax20	5825	-2.32	-1.98	0.86	27.49	Pass
NVNT	ax40	5755	-5.72	-5.15	-2.42	27.49	Pass
NVNT	ax40	5795	-5.3	-4.87	-2.07	27.49	Pass

Test Graphs

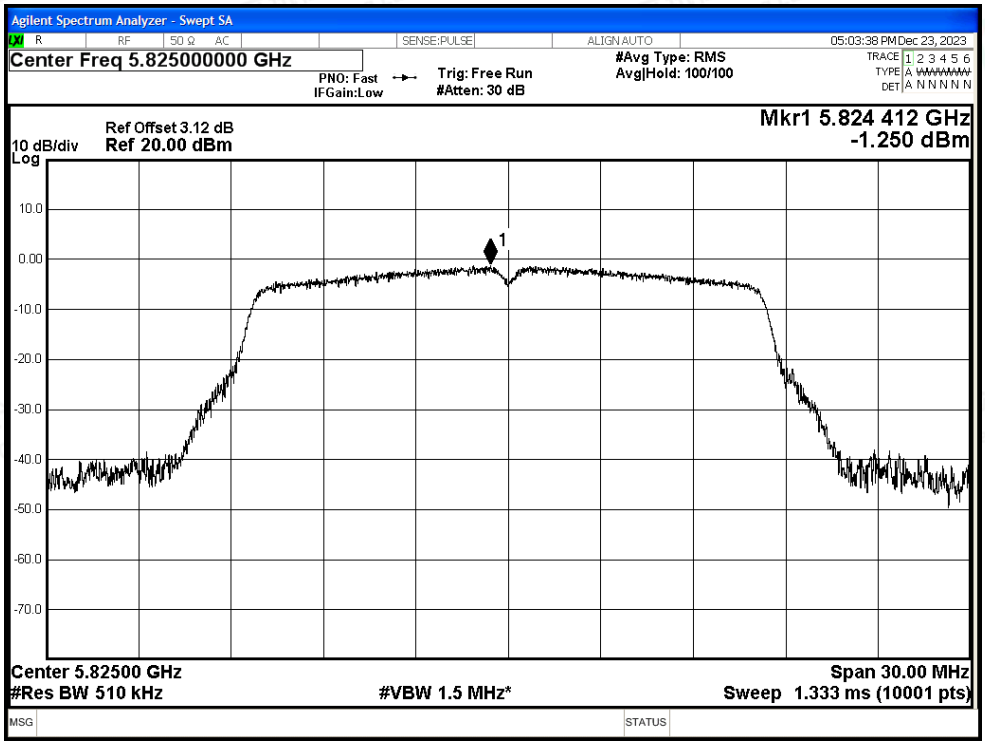
PSD NVNT a 5745MHz Ant1



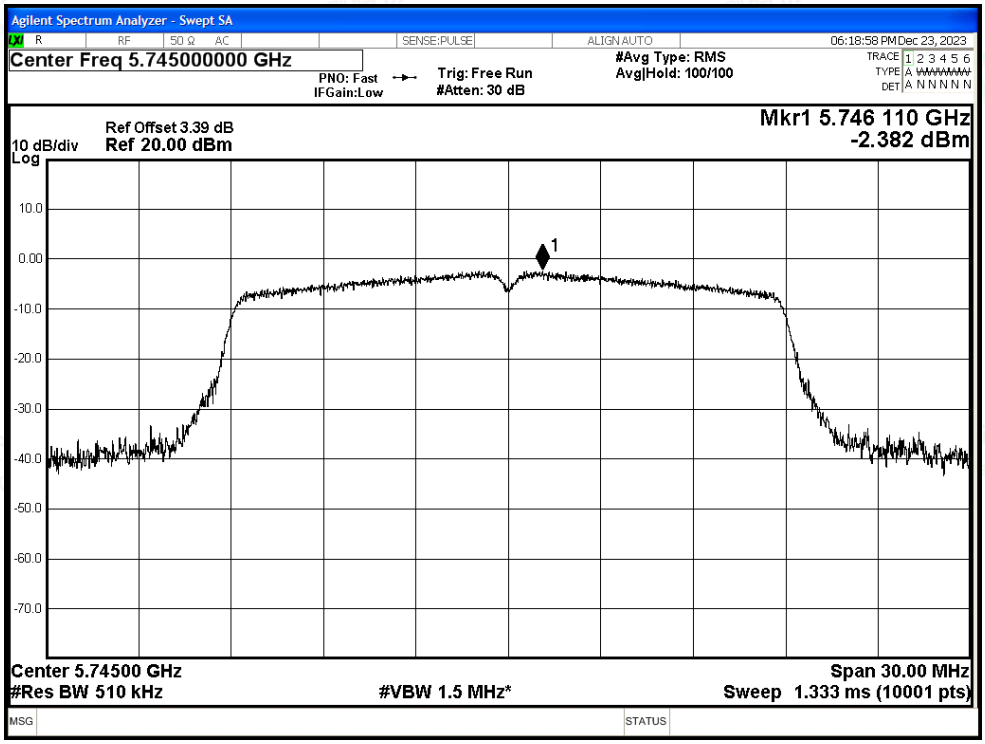
PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1



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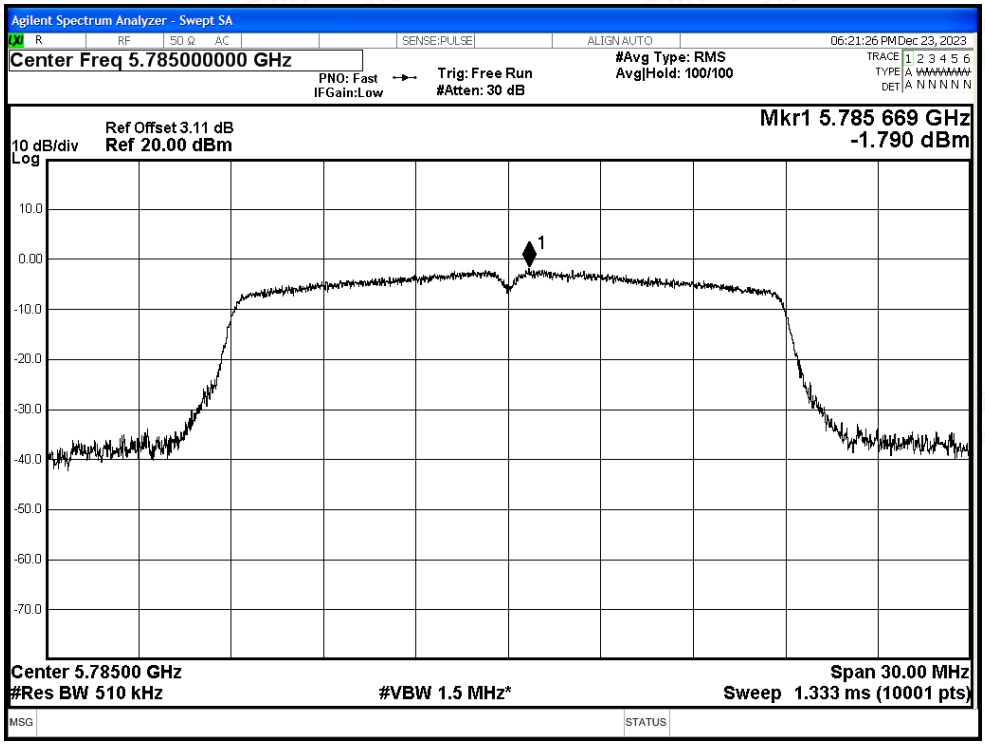
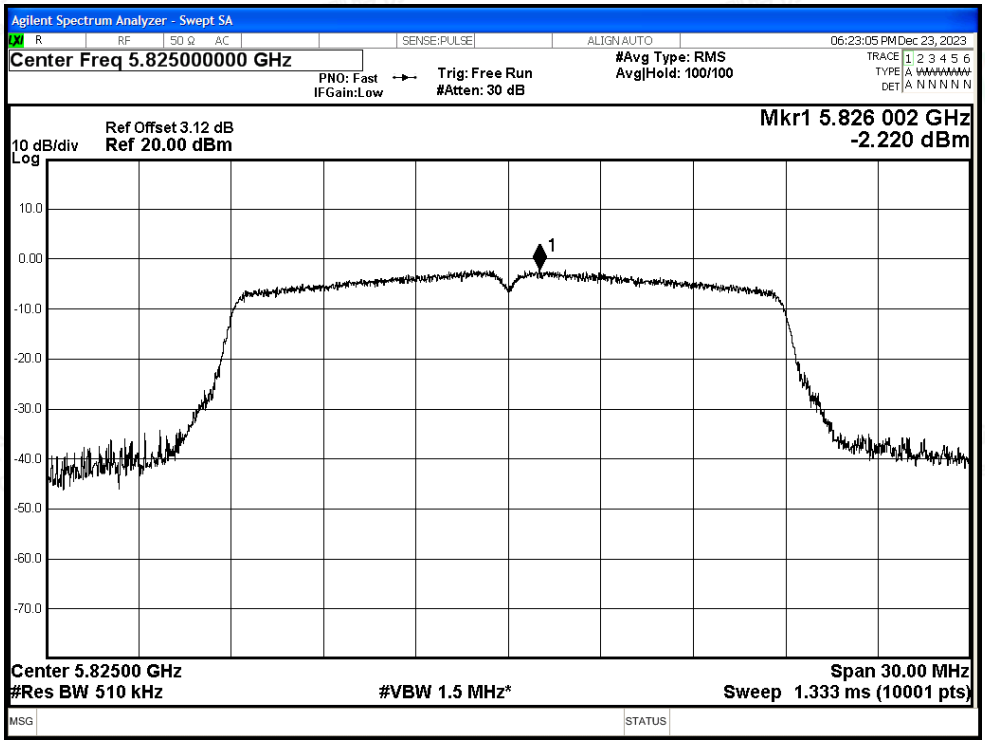
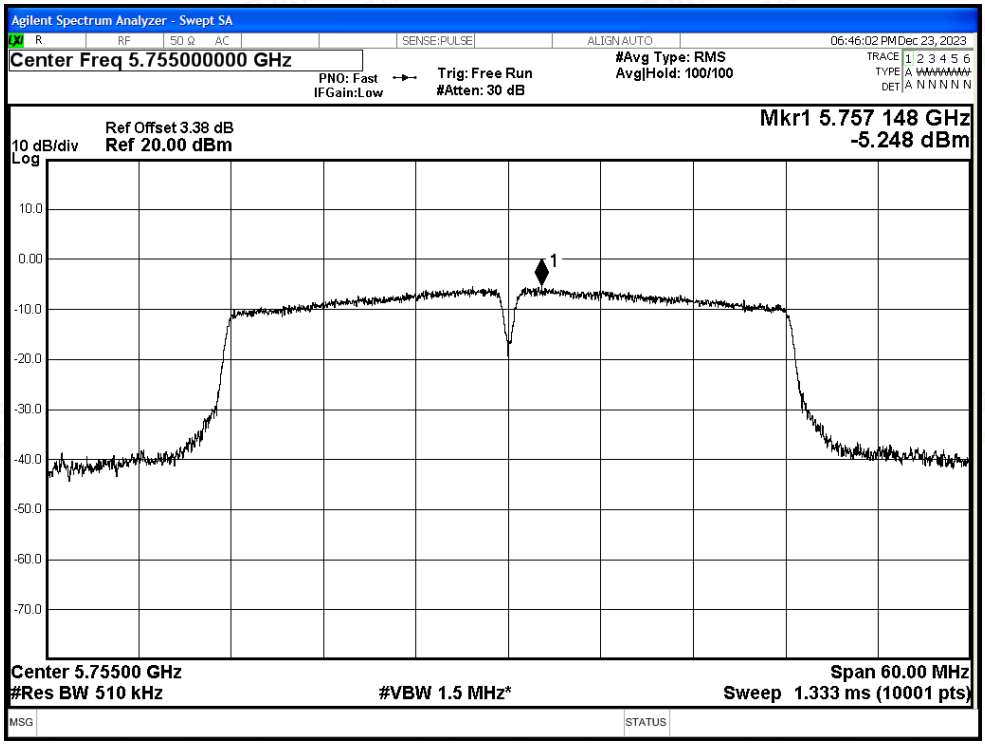


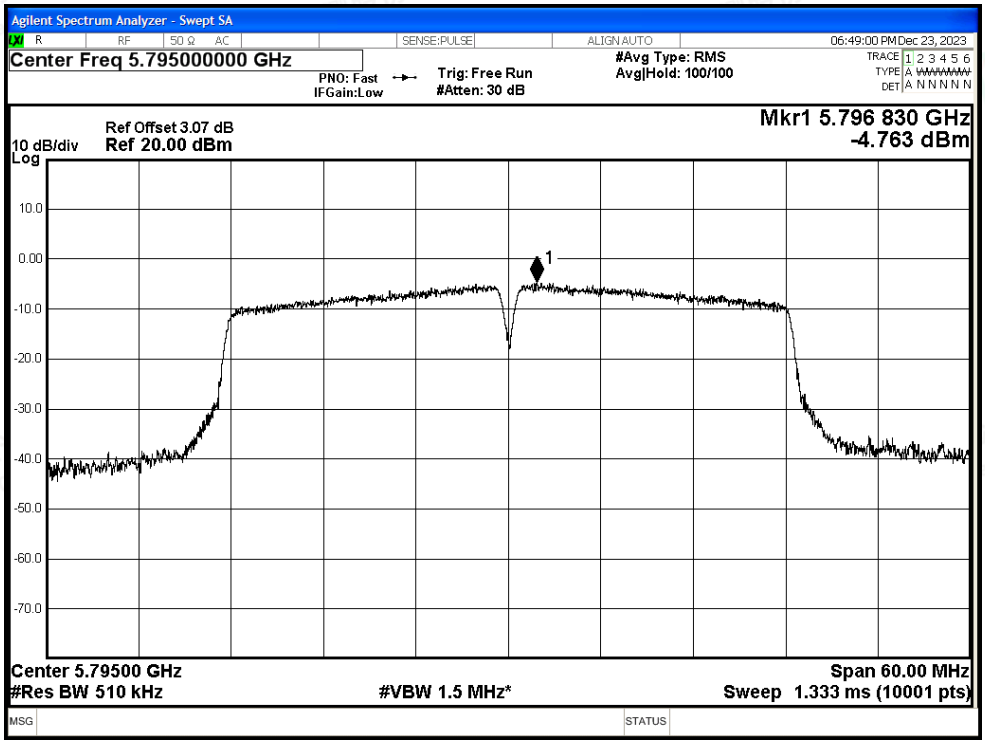
PSD NVNT n20 5825MHz Ant1



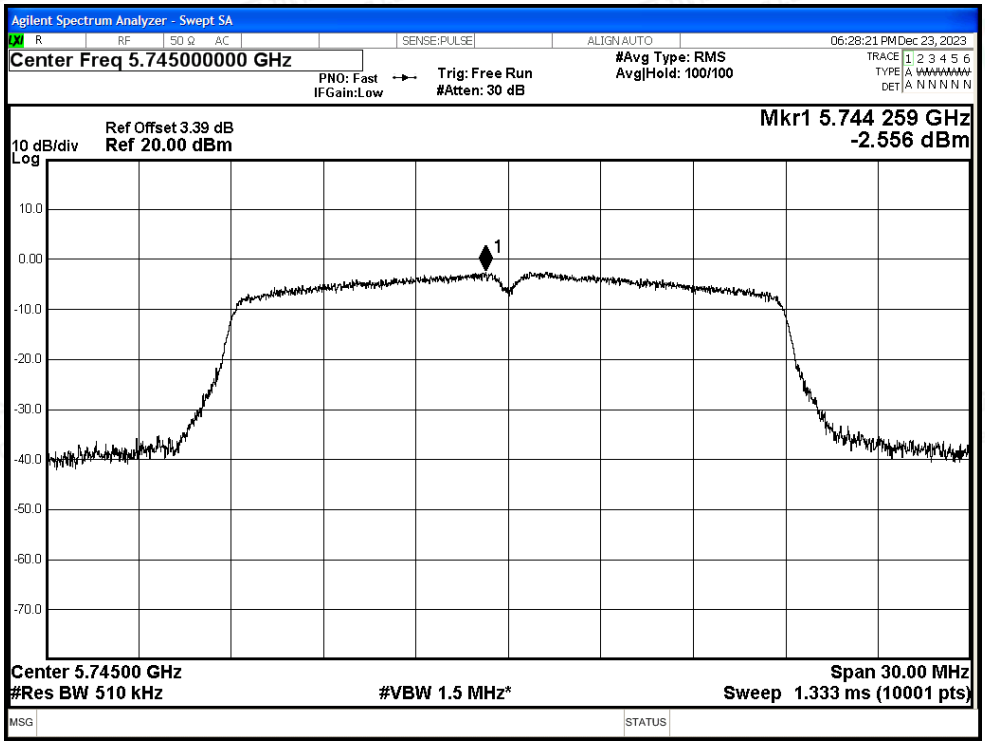
PSD NVNT n40 5755MHz Ant1



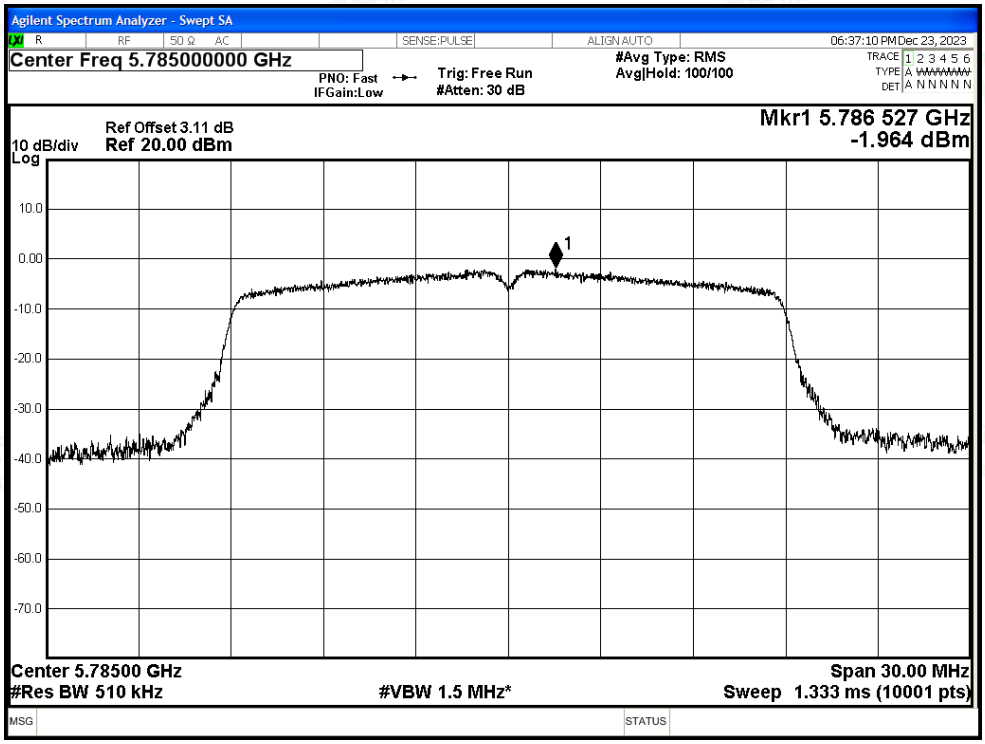
PSD NVNT n40 5795MHz Ant1



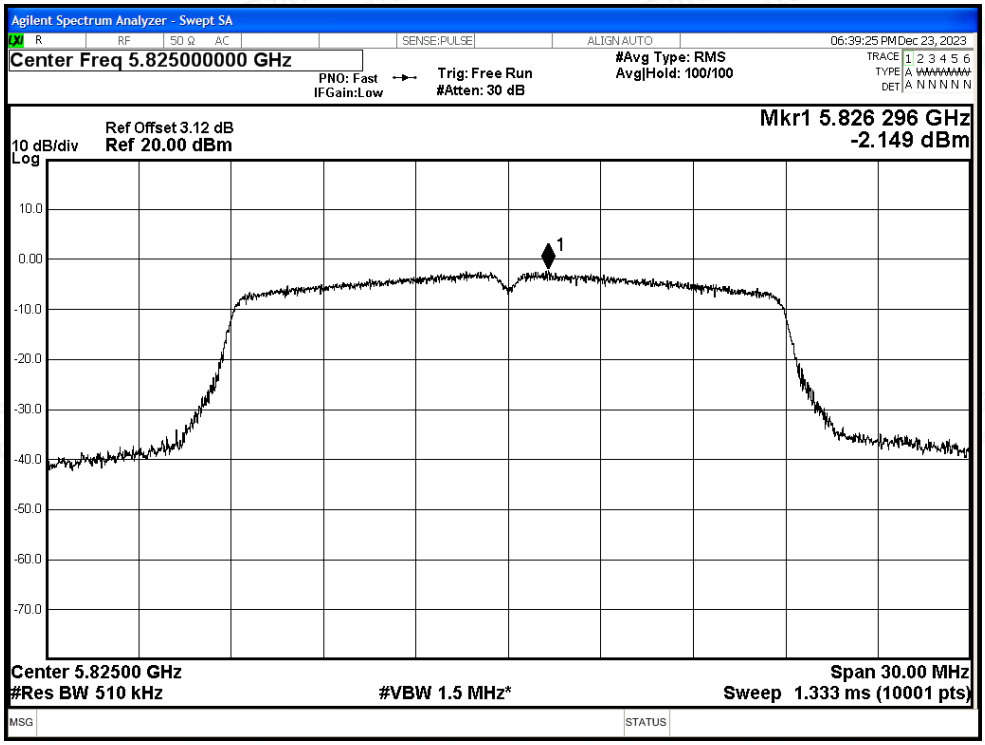
PSD NVNT ac20 5745MHz Ant1



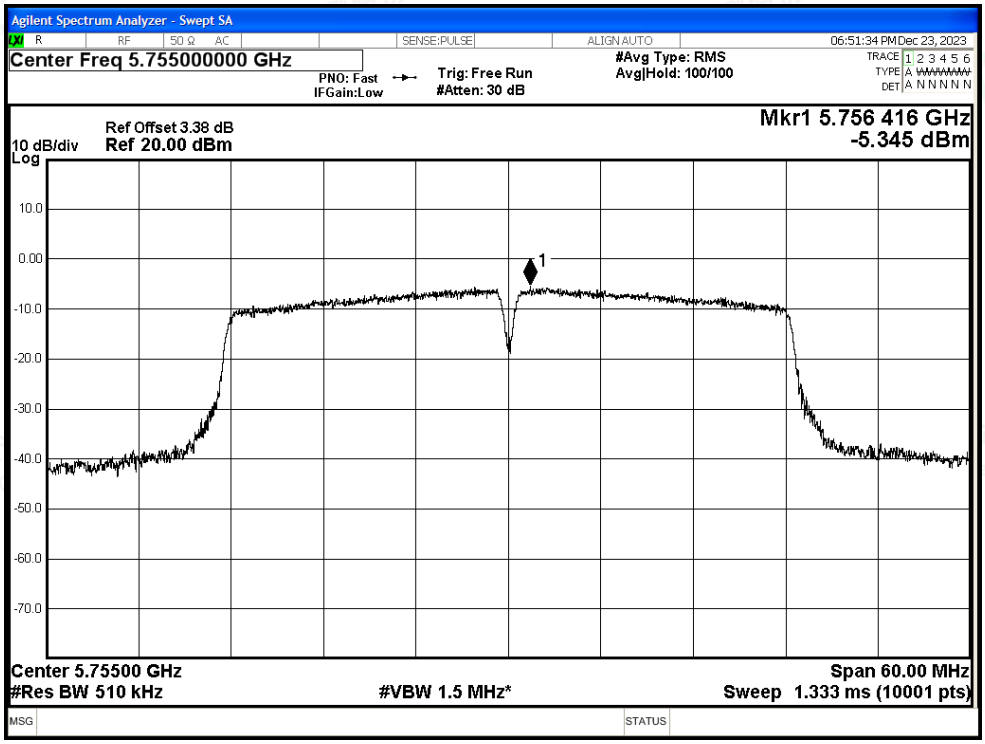
PSD NVNT ac20 5785MHz Ant1



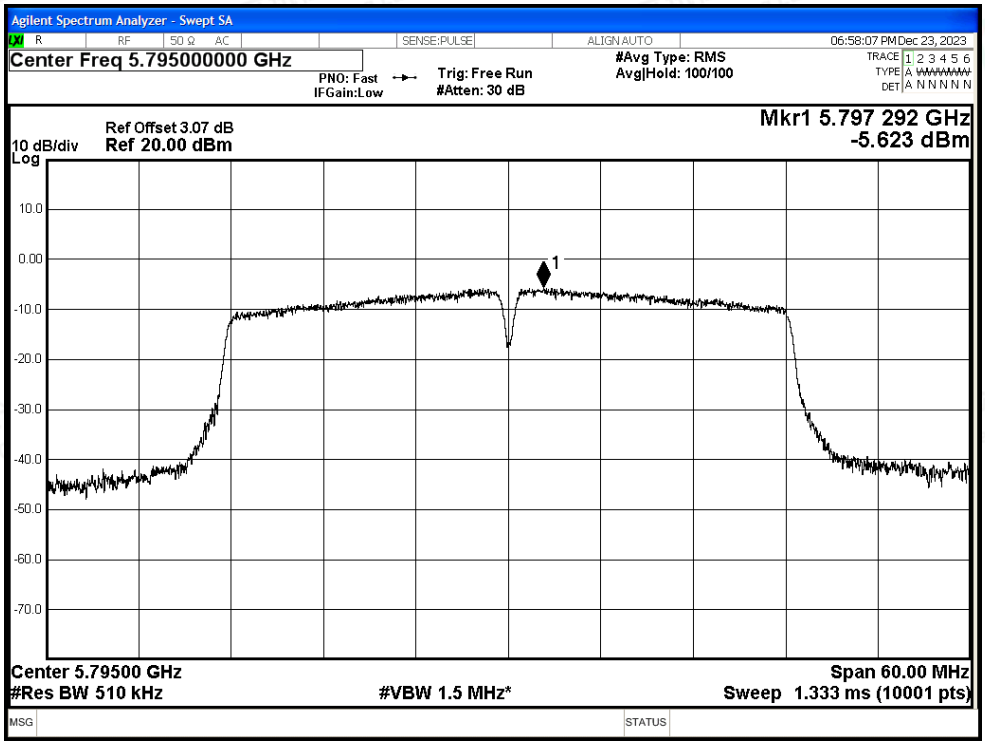
PSD NVNT ac20 5825MHz Ant1



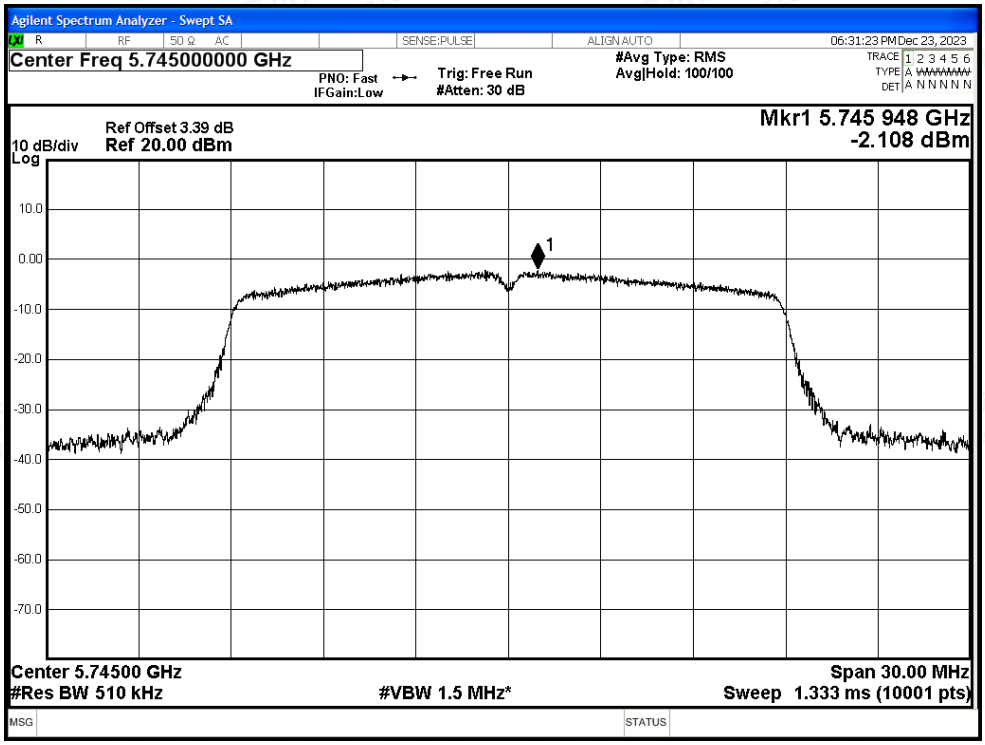
PSD NVNT ac40 5755MHz Ant1



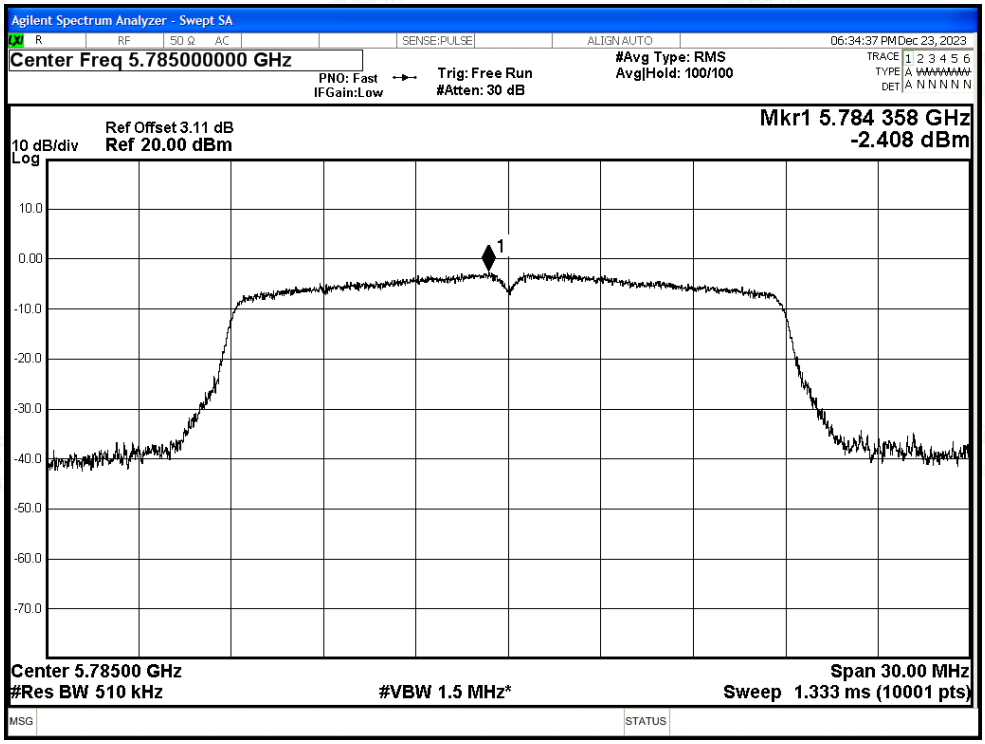
PSD NVNT ac40 5795MHz Ant1



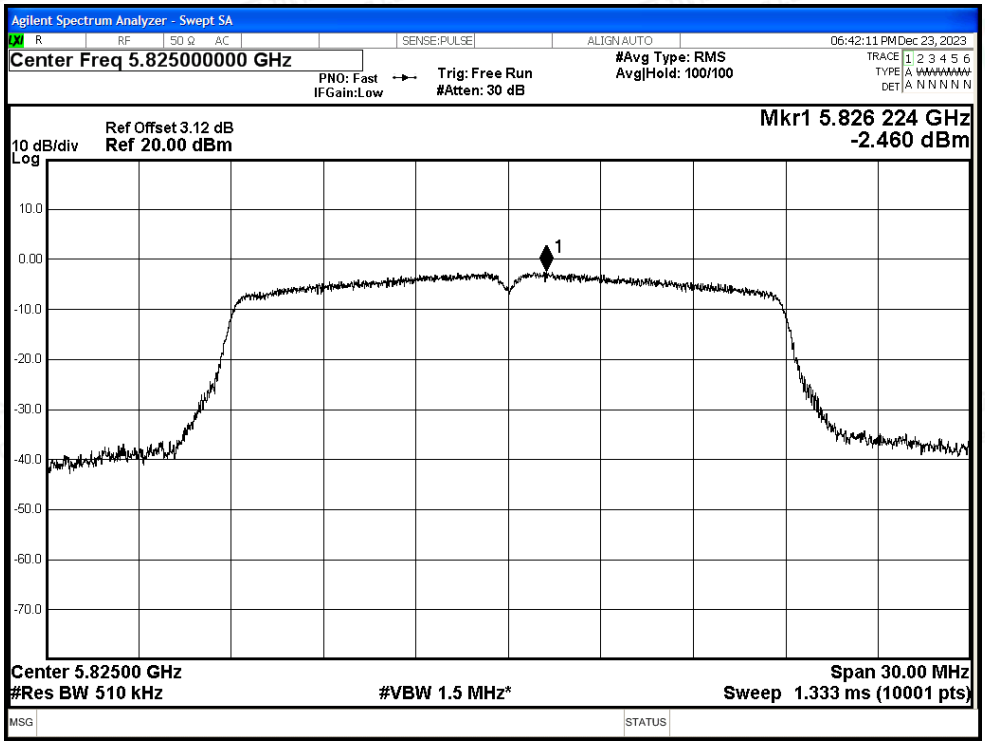
PSD NVNT ax20 5745MHz Ant1



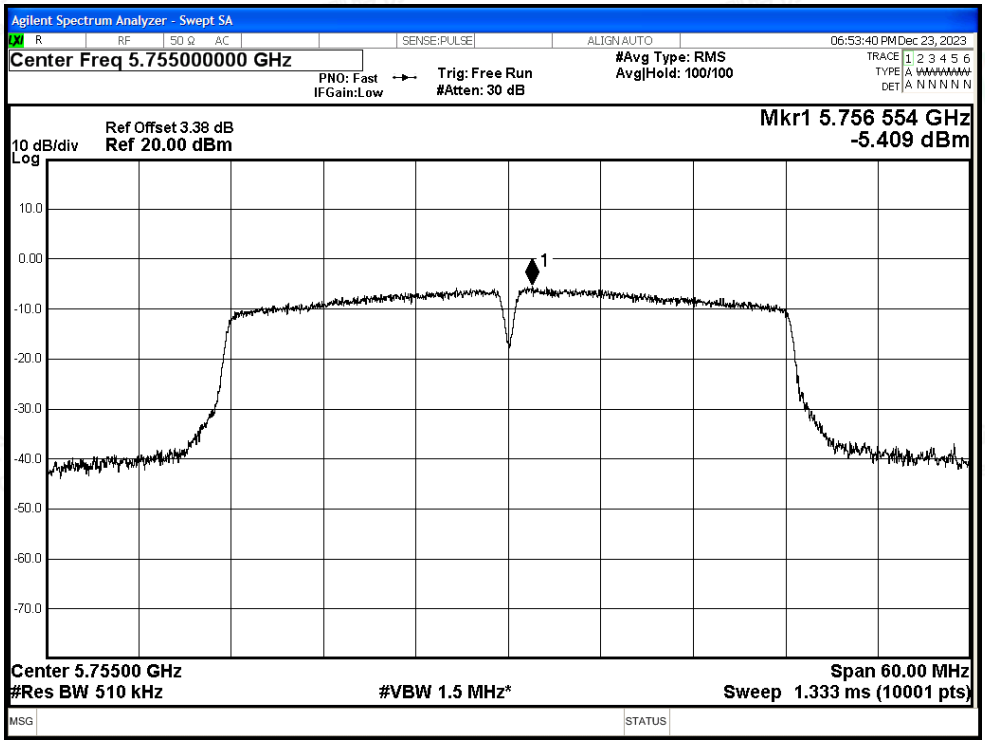
PSD NVNT ax20 5785MHz Ant1



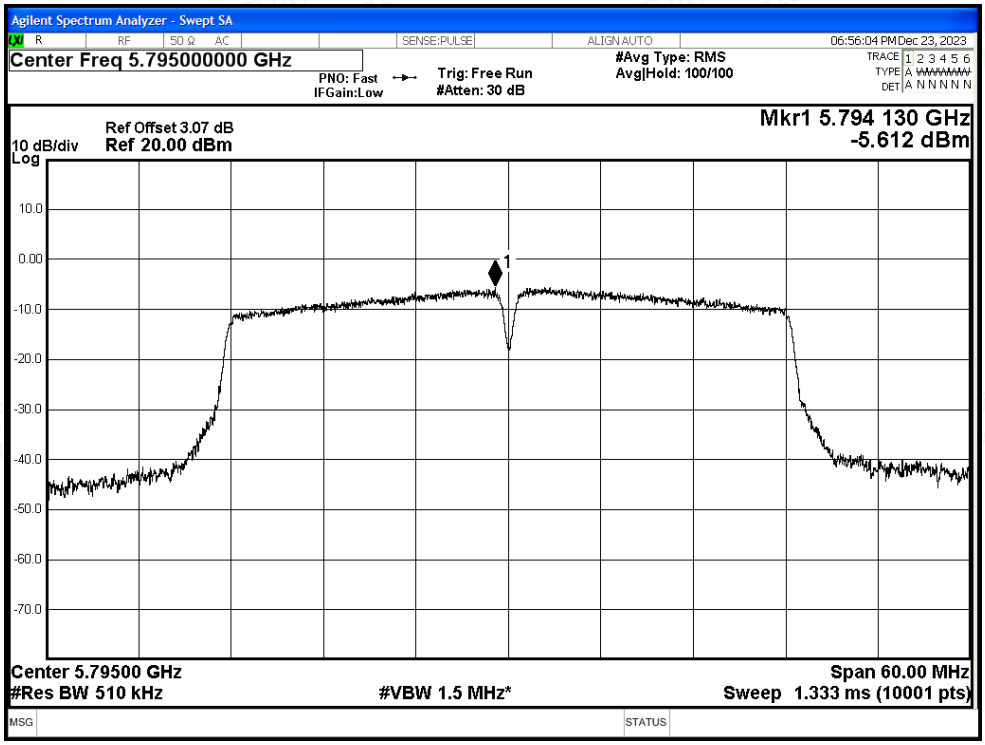
PSD NVNT ax20 5825MHz Ant1



PSD NVNT ax40 5755MHz Ant1

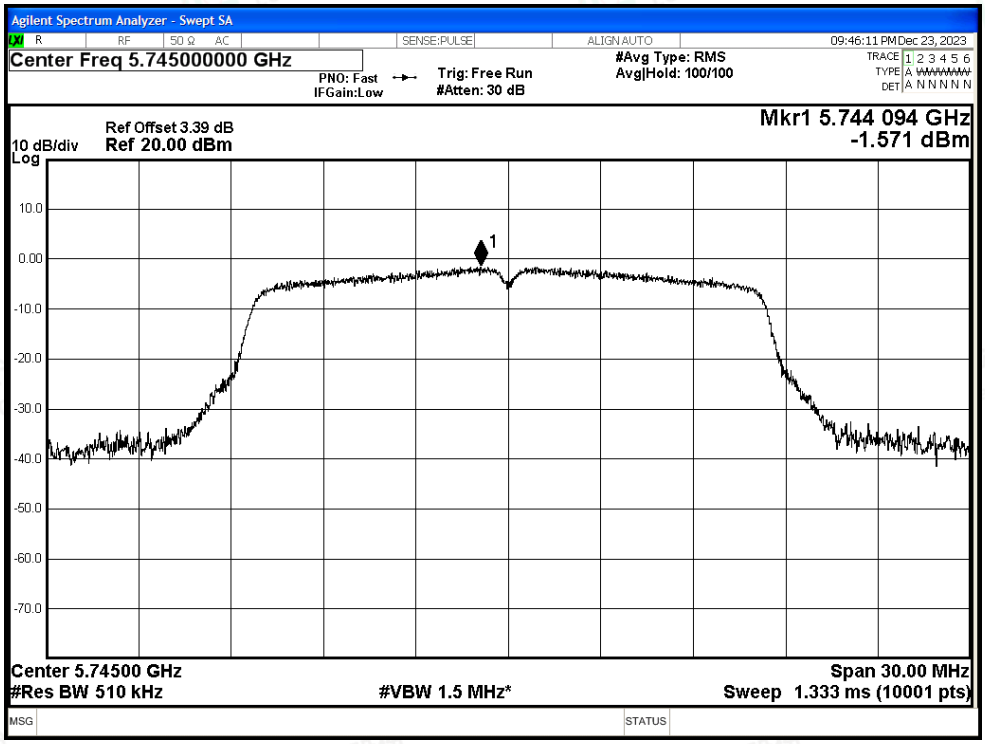


PSD NVNT ax40 5795MHz Ant1

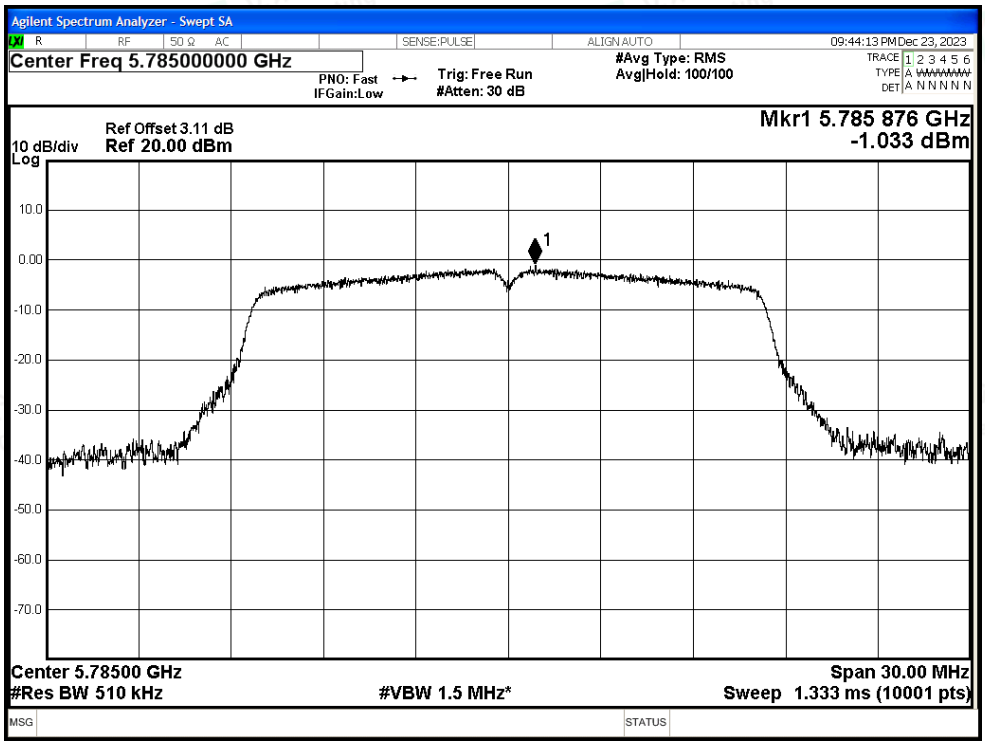


Test Graphs

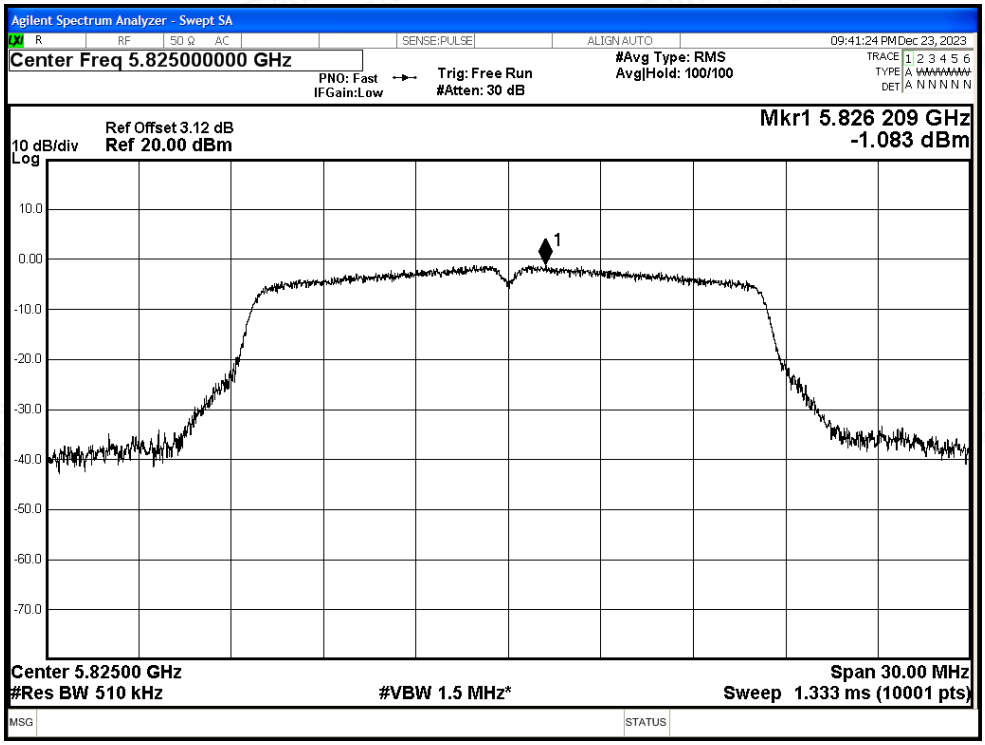
PSD NVNT a 5745MHz Ant2



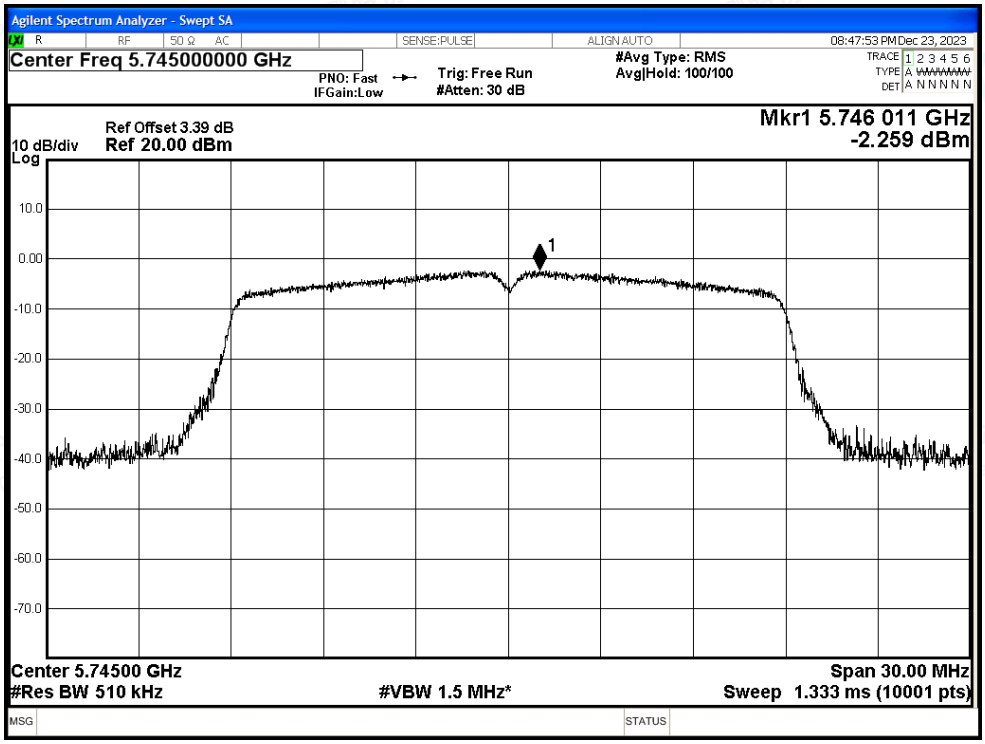
PSD NVNT a 5785MHz Ant2



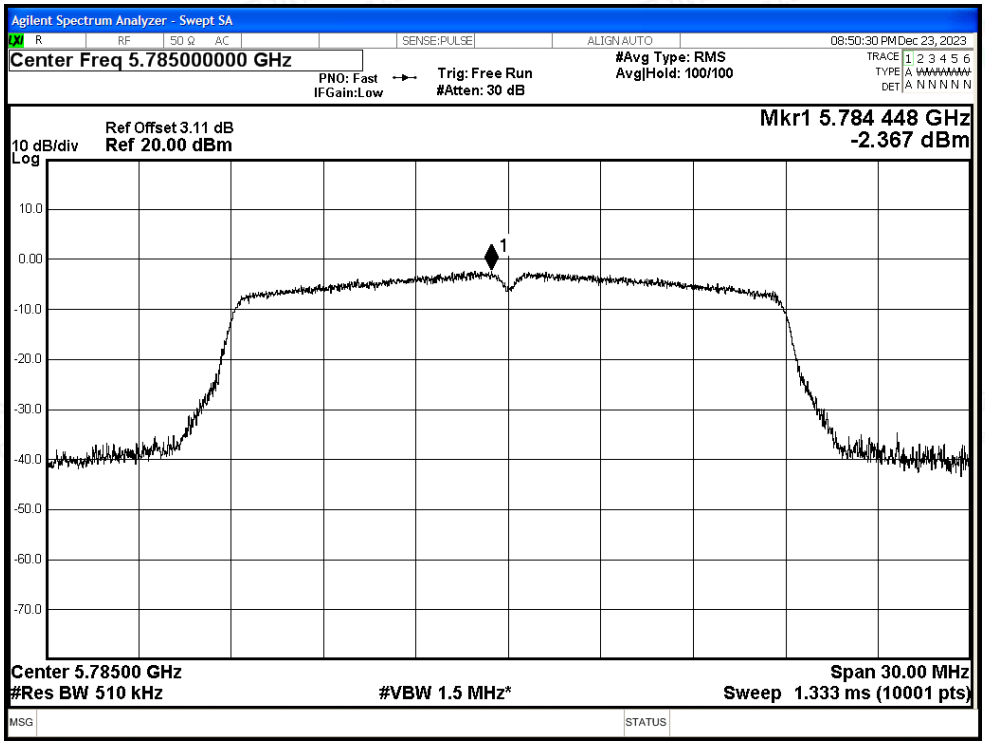
PSD NVNT a 5825MHz Ant2



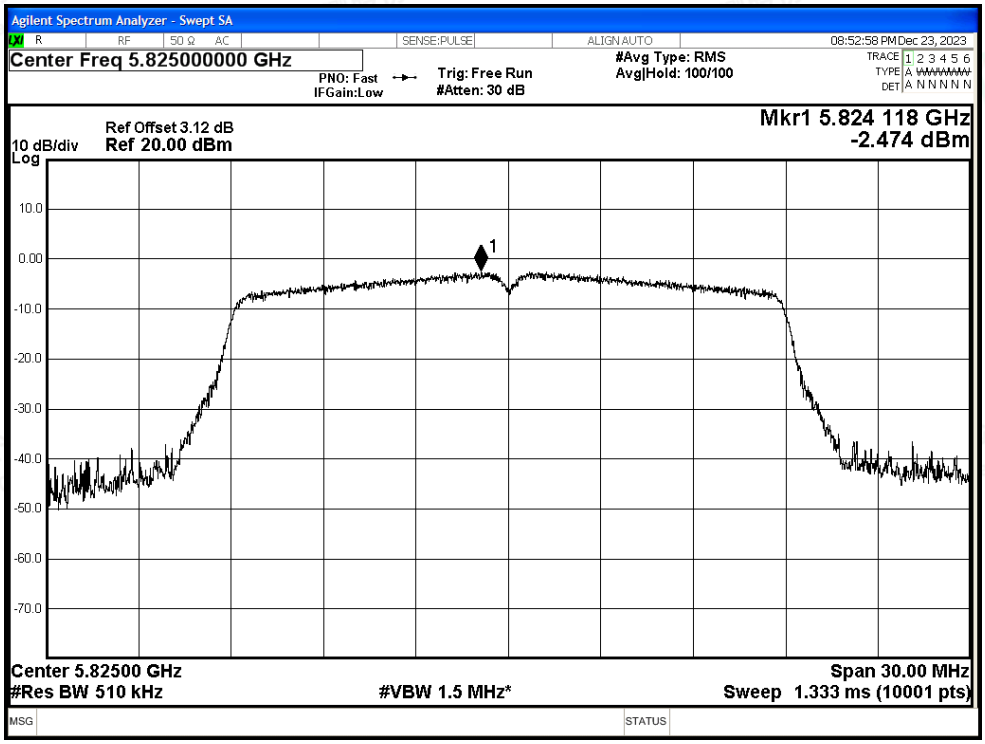
PSD NVNT n20 5745MHz Ant2



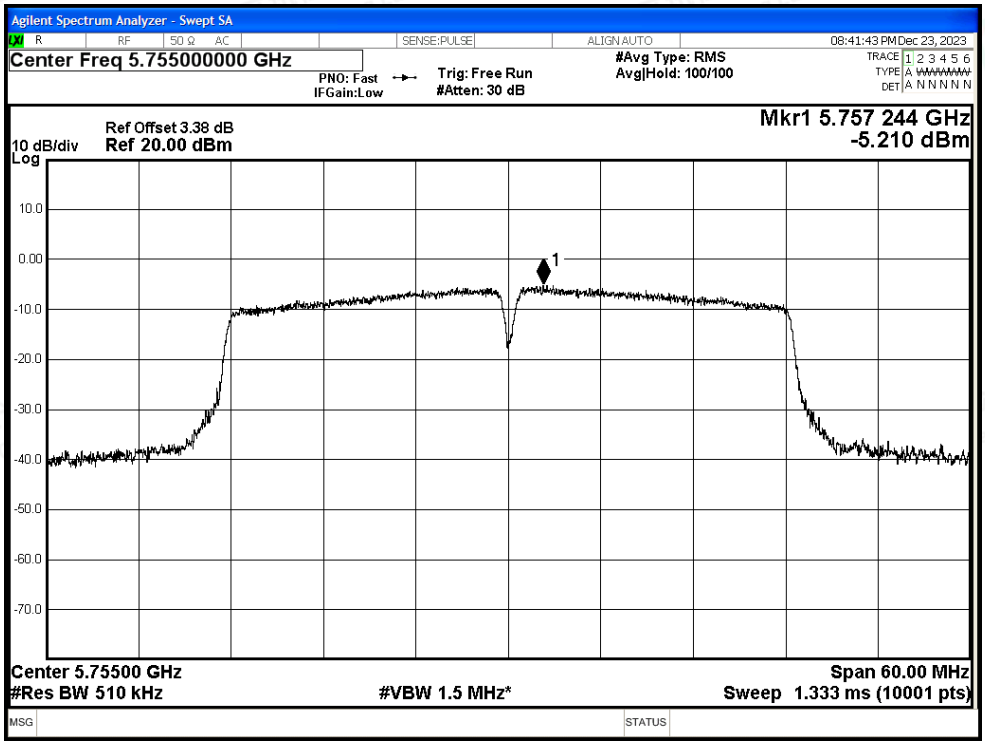
PSD NVNT n20 5785MHz Ant2



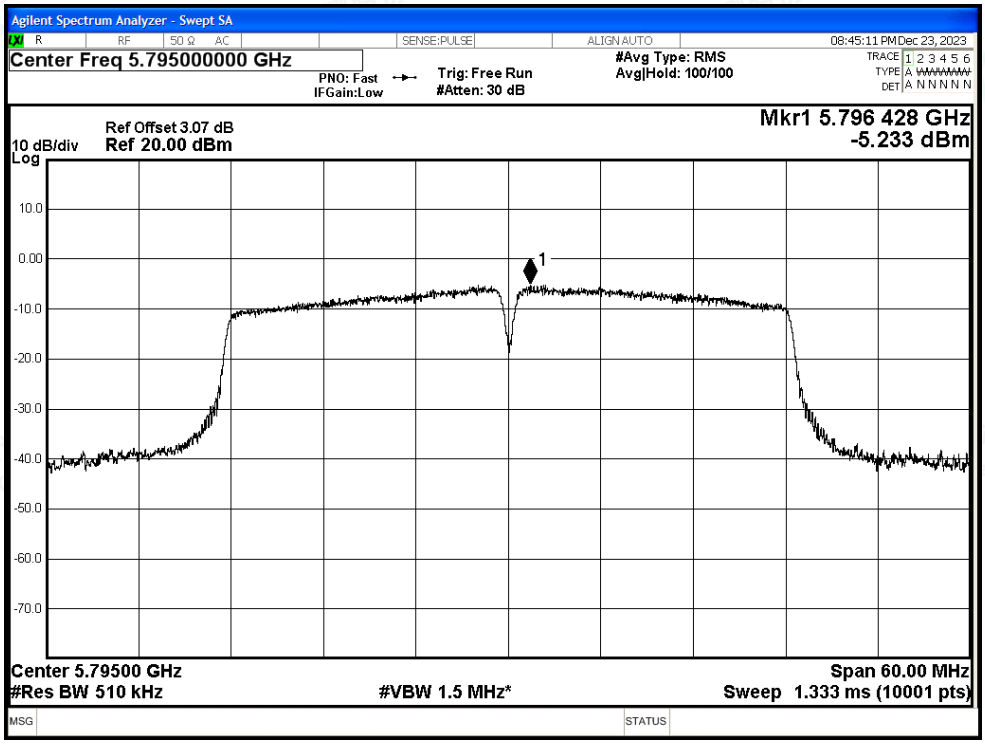
PSD NVNT n20 5825MHz Ant2



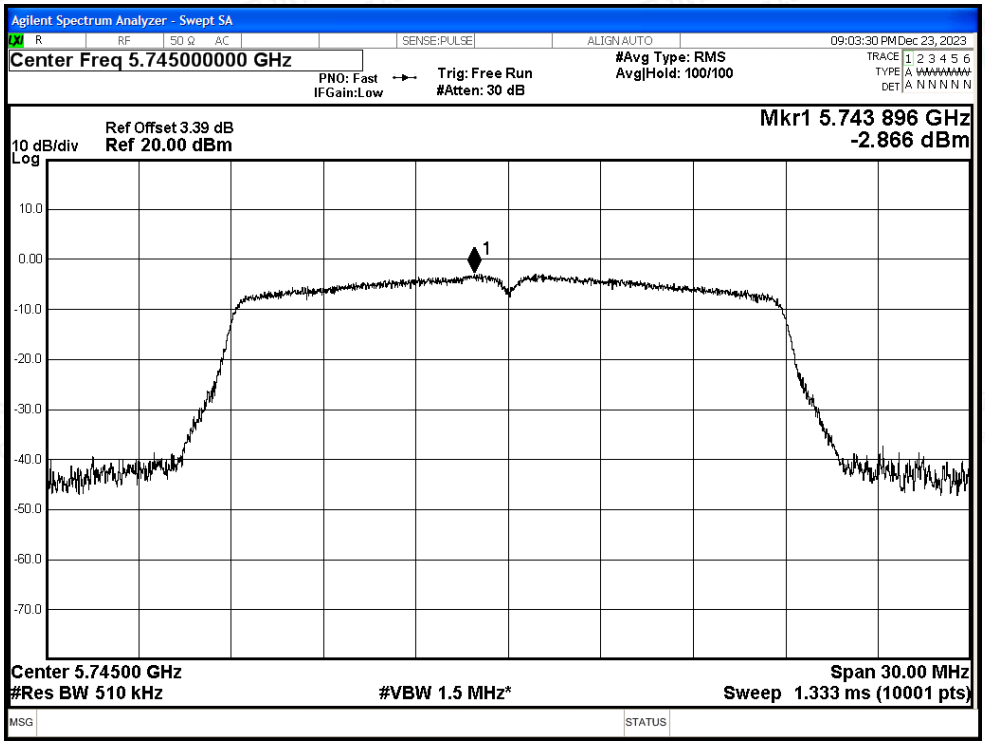
PSD NVNT n40 5755MHz Ant2



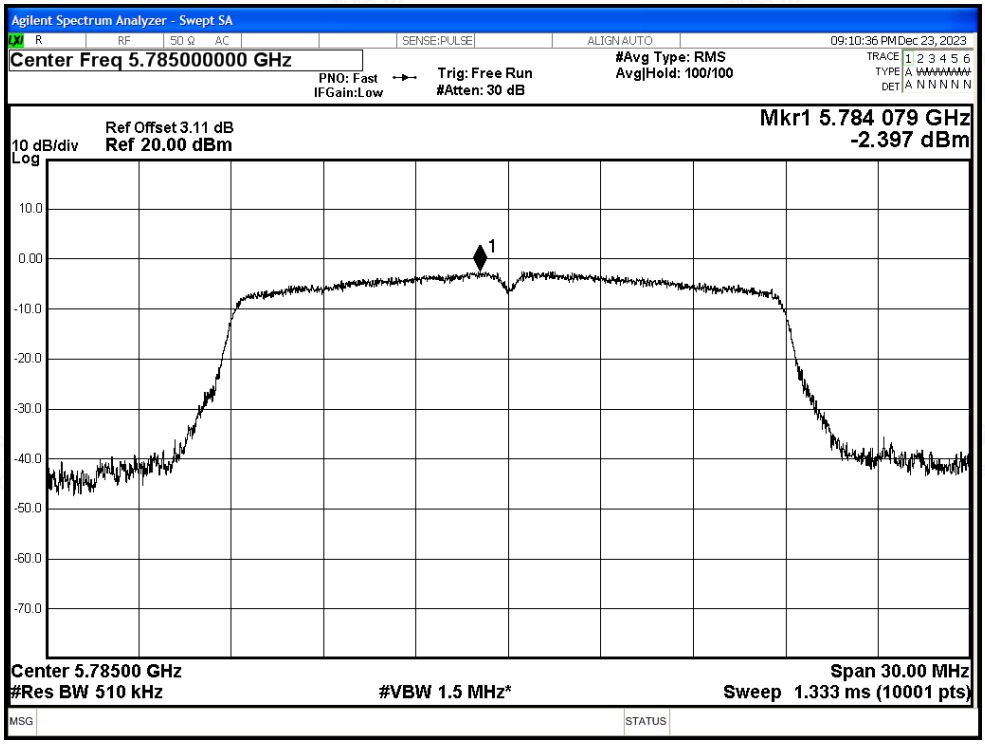
PSD NVNT n40 5795MHz Ant2



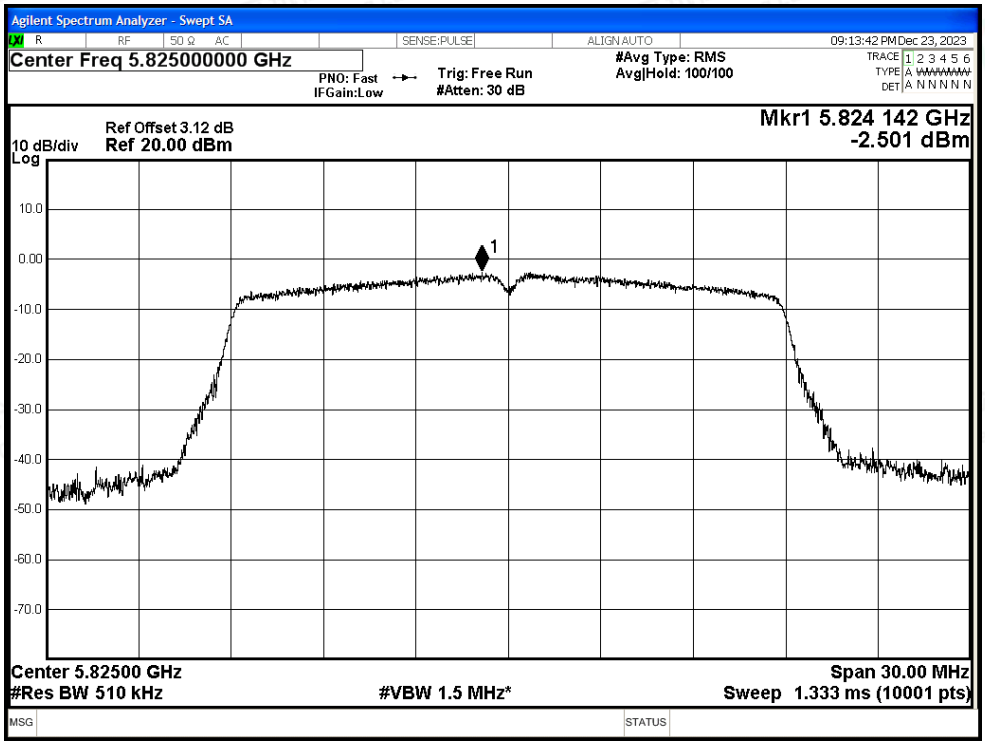
PSD NVNT ac20 5745MHz Ant2



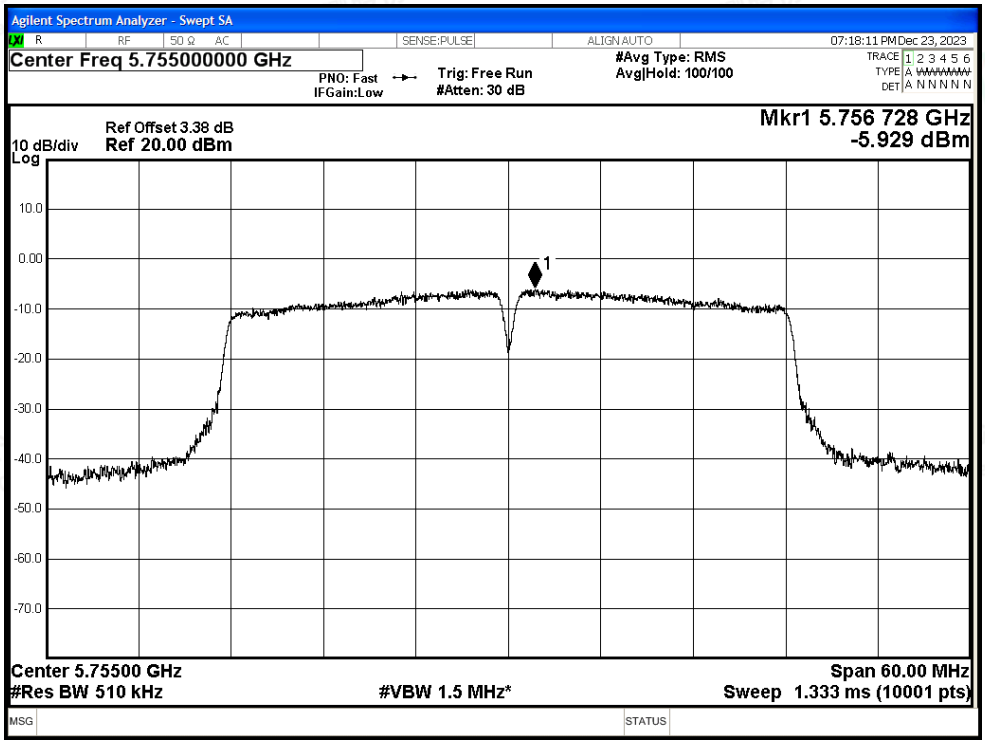
PSD NVNT ac20 5785MHz Ant2



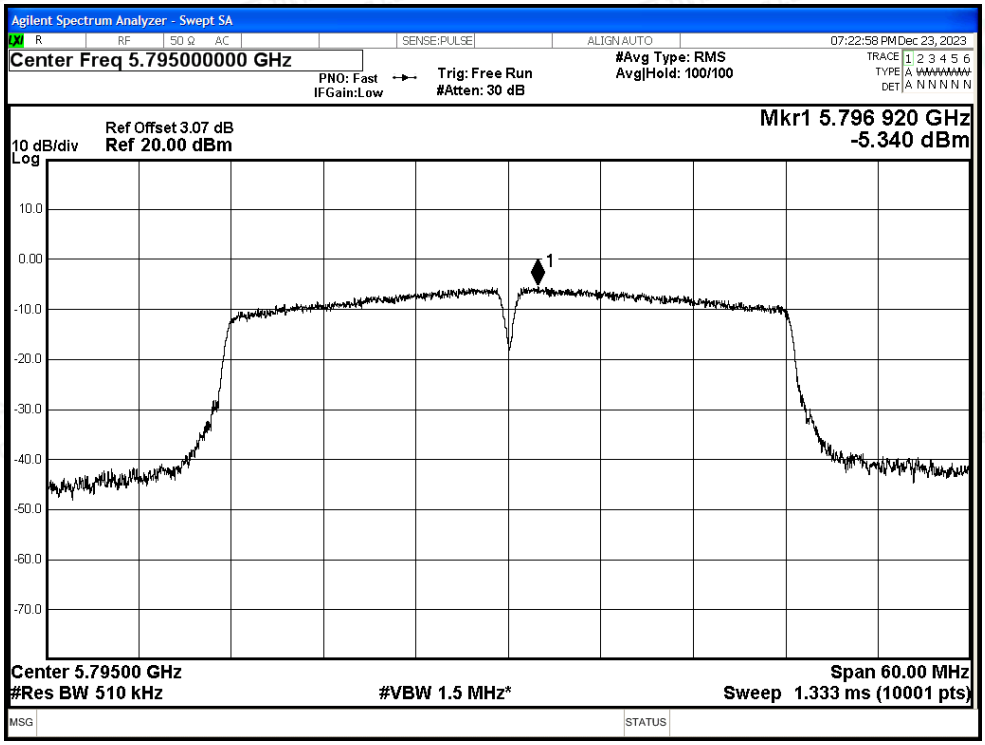
PSD NVNT ac20 5825MHz Ant2



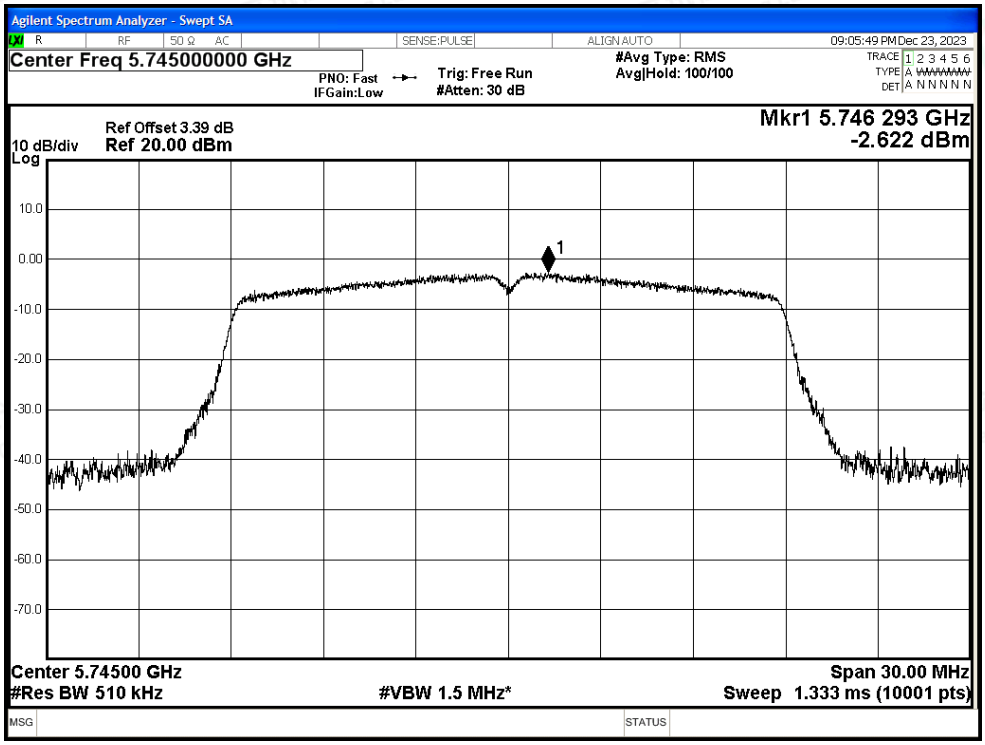
PSD NVNT ac40 5755MHz Ant2



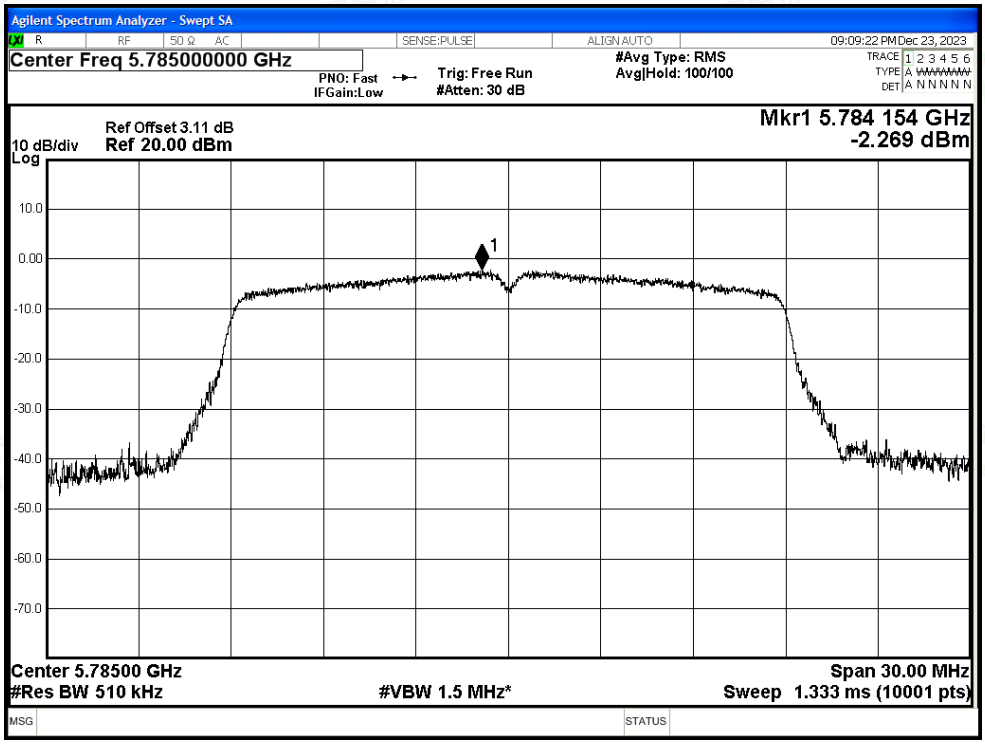
PSD NVNT ac40 5795MHz Ant2



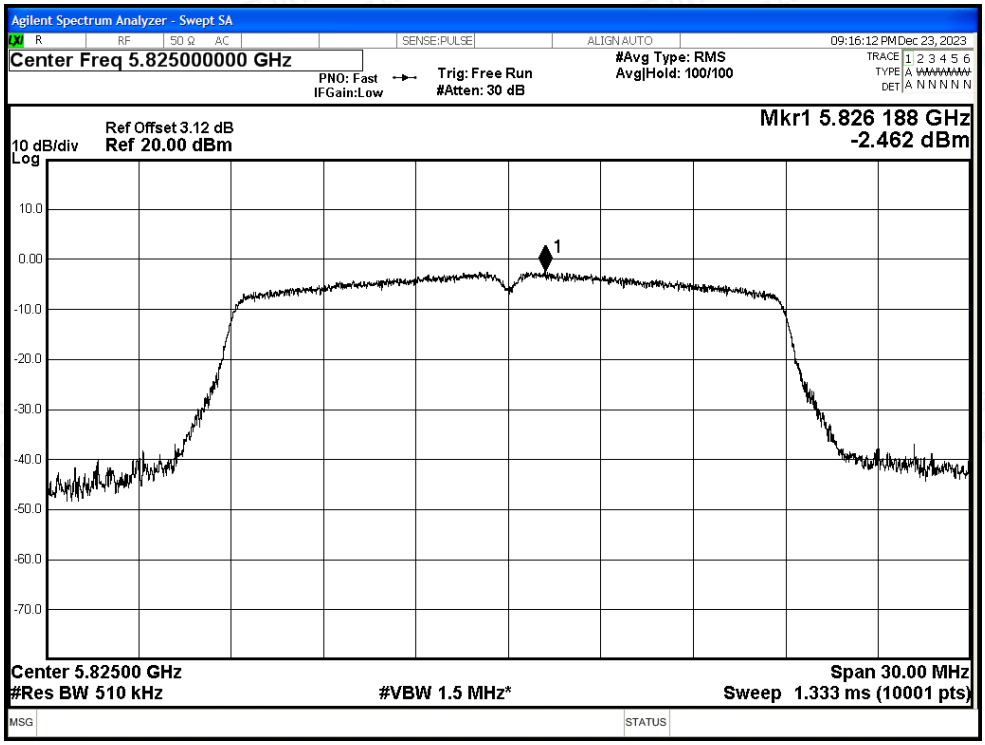
PSD NVNT ax20 5745MHz Ant2



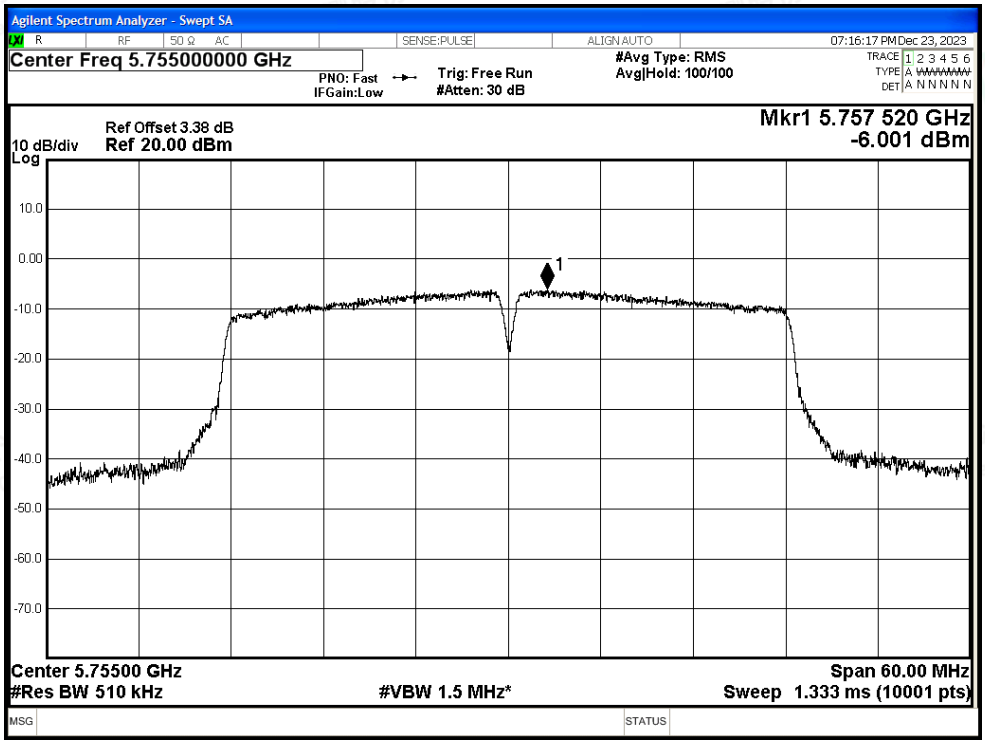
PSD NVNT ax20 5785MHz Ant2



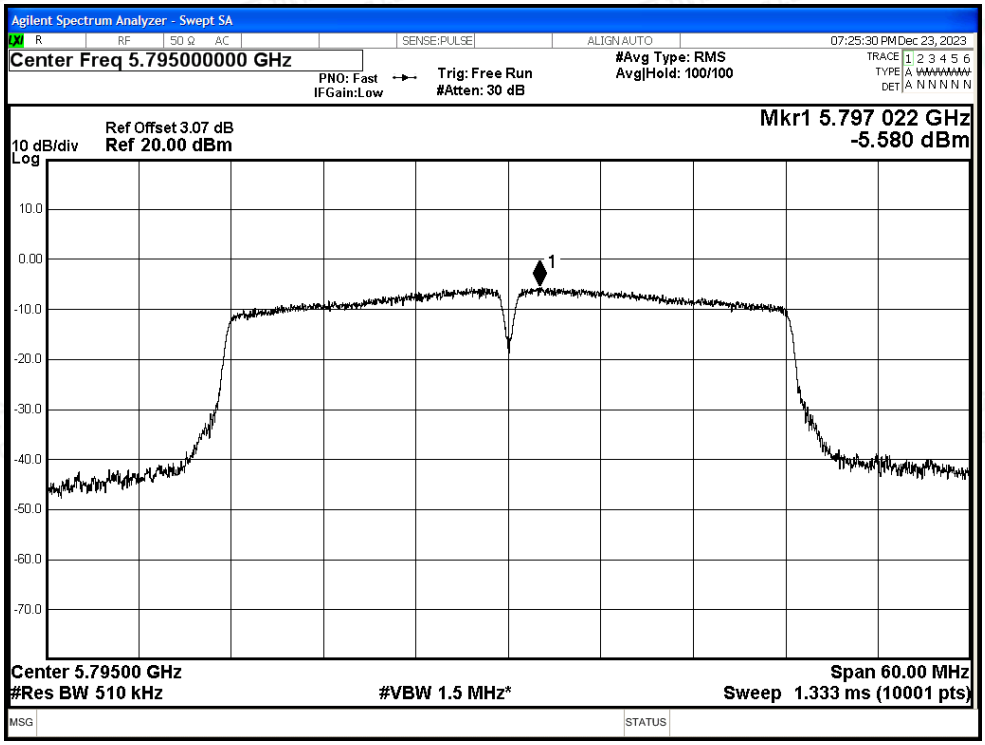
PSD NVNT ax20 5825MHz Ant2



PSD NVNT ax40 5755MHz Ant2

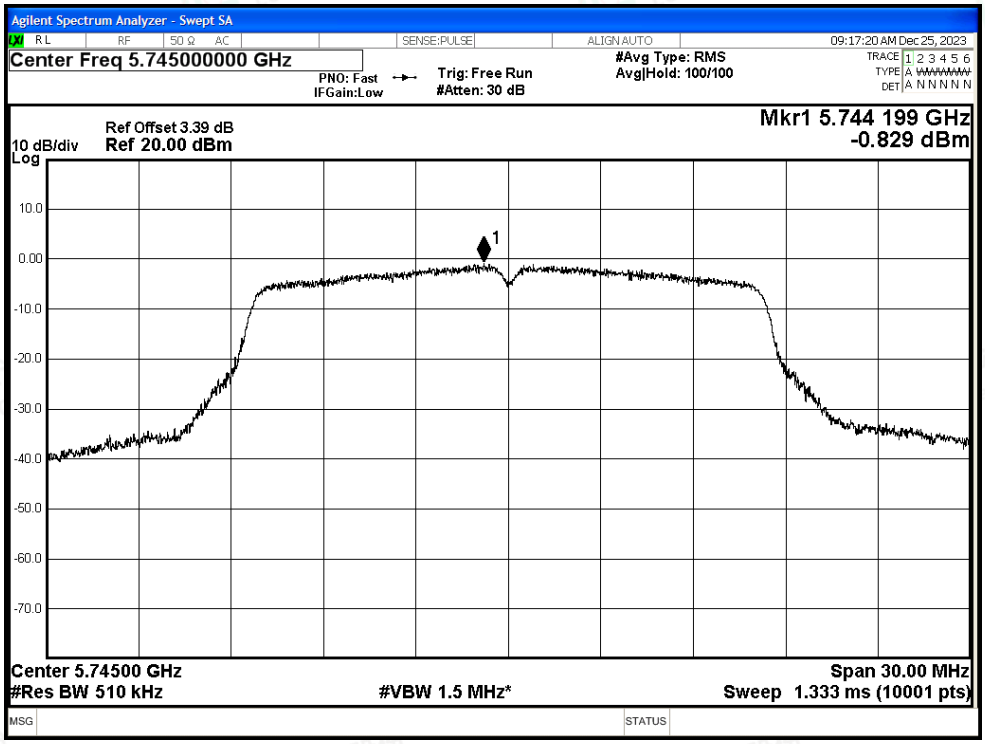


PSD NVNT ax40 5795MHz Ant2

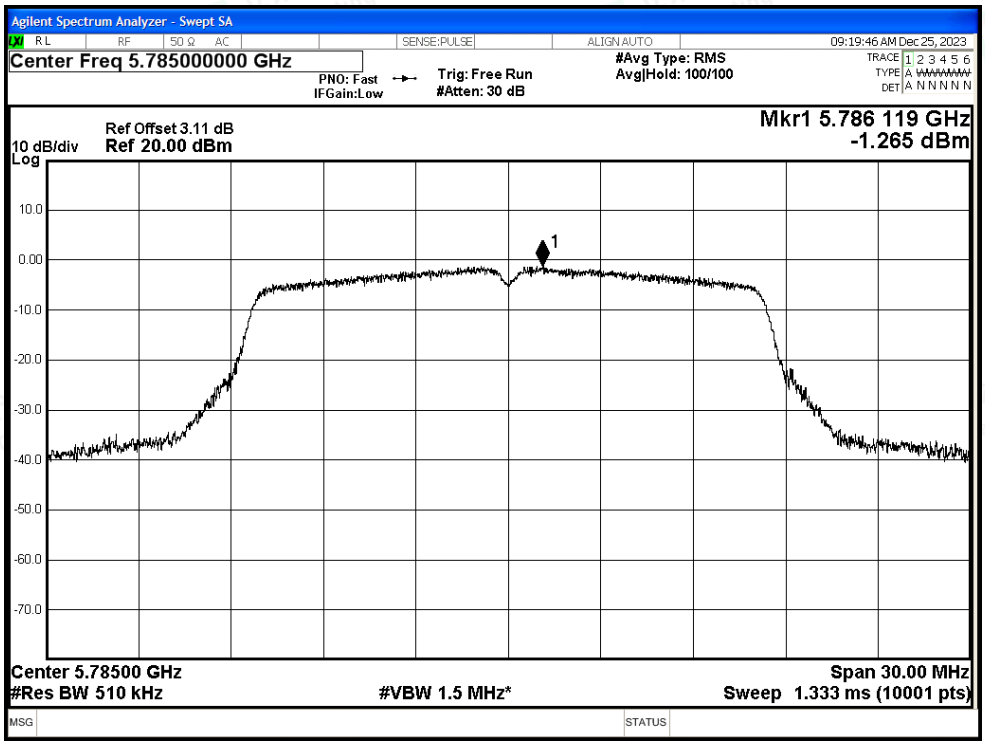


Test Graphs

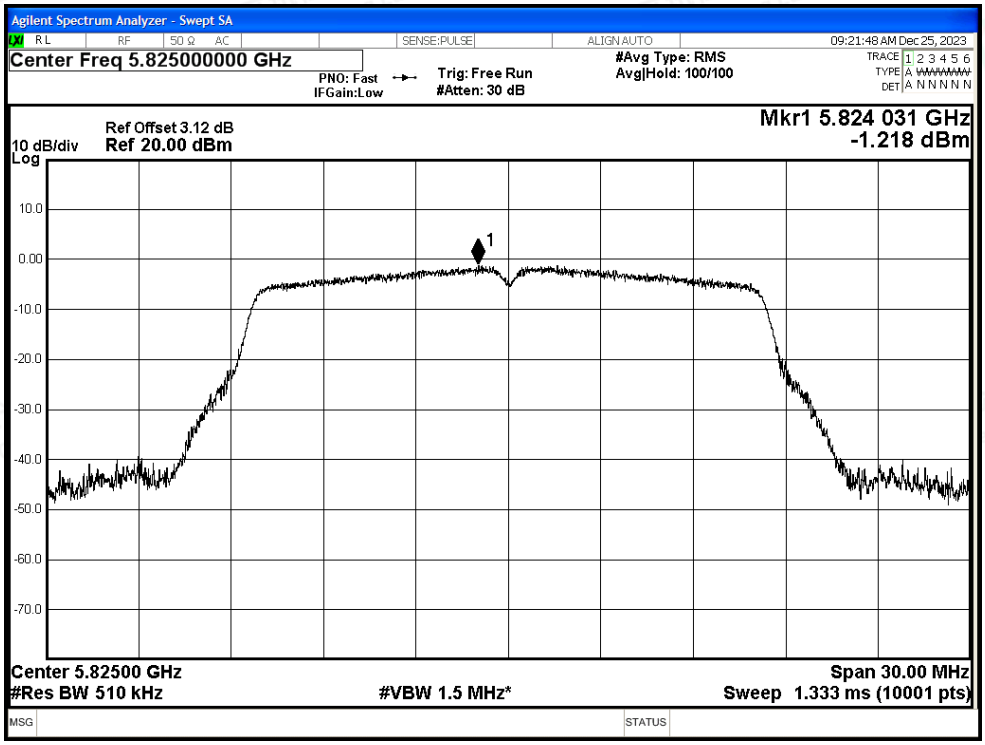
PSD NVNT a 5745MHz Ant3



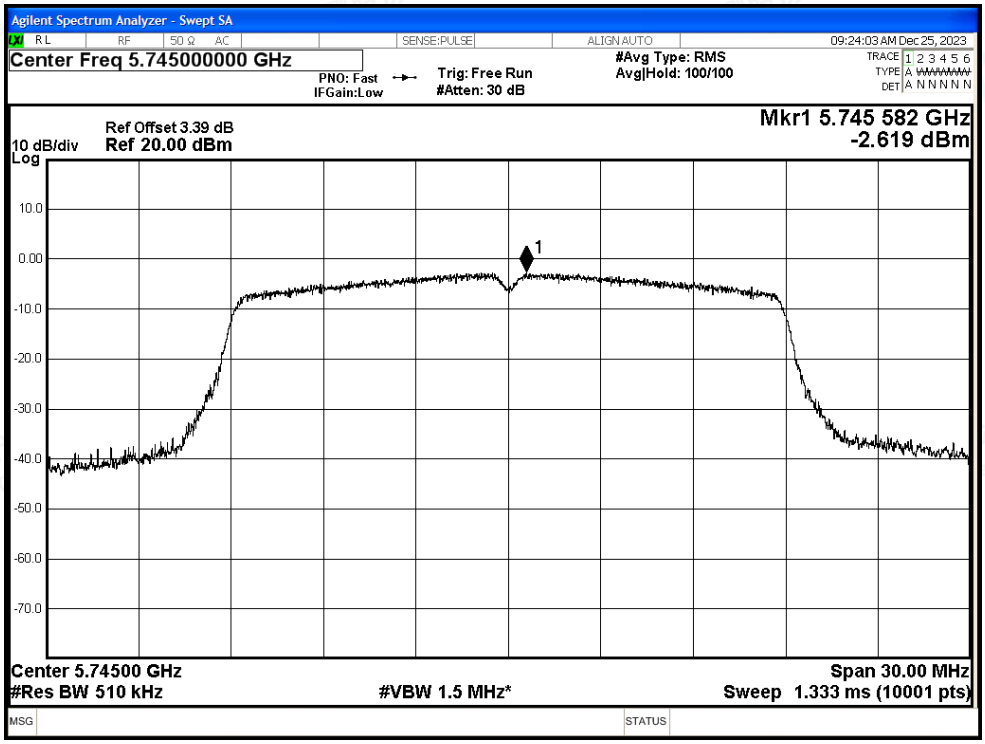
PSD NVNT a 5785MHz Ant3



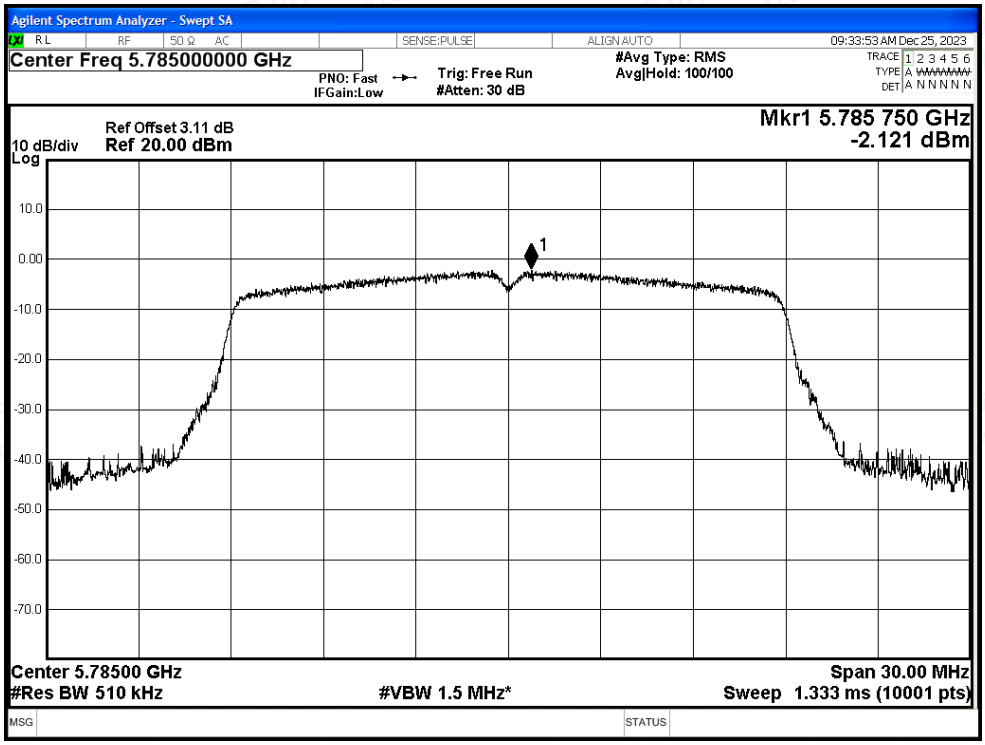
PSD NVNT a 5825MHz Ant3



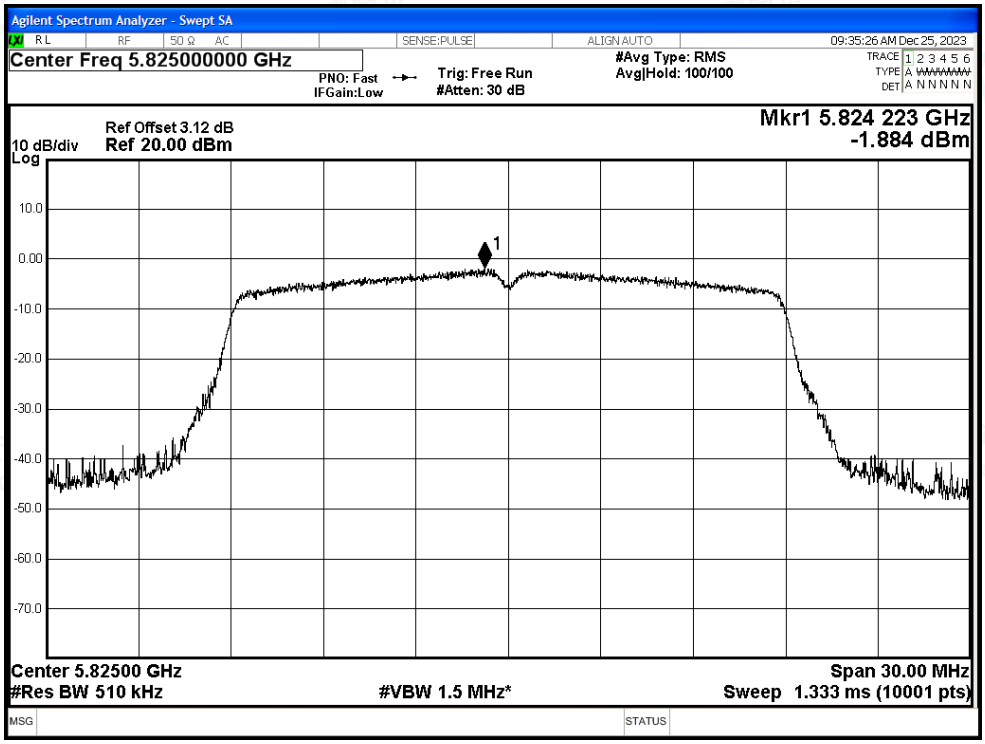
PSD NVNT n20 5745MHz Ant3



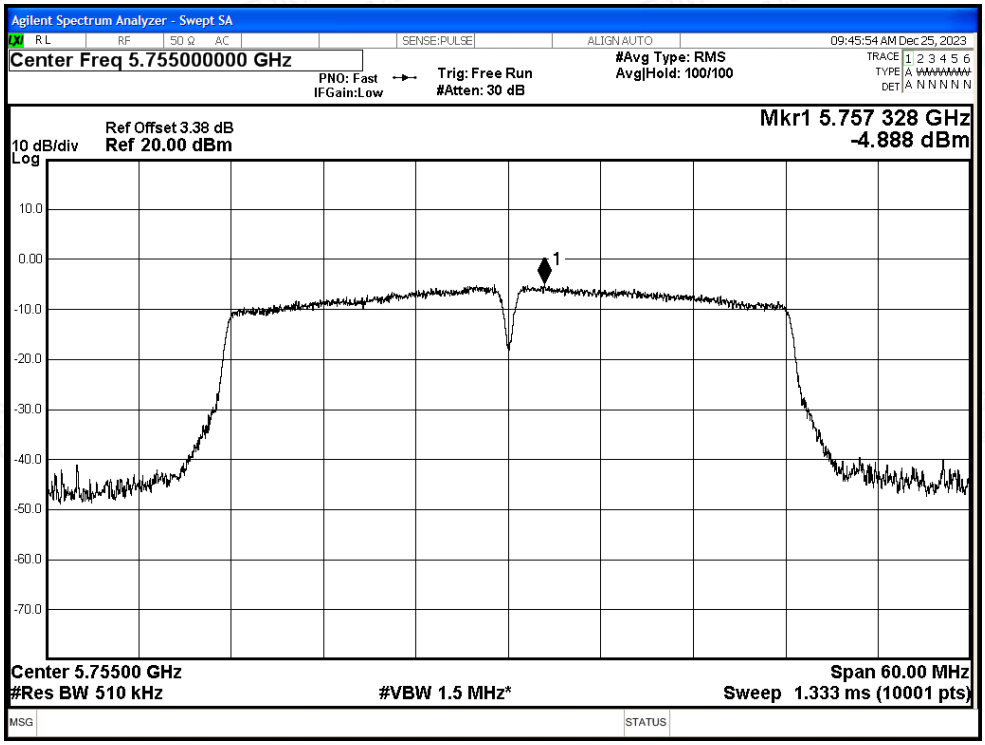
PSD NVNT n20 5785MHz Ant3



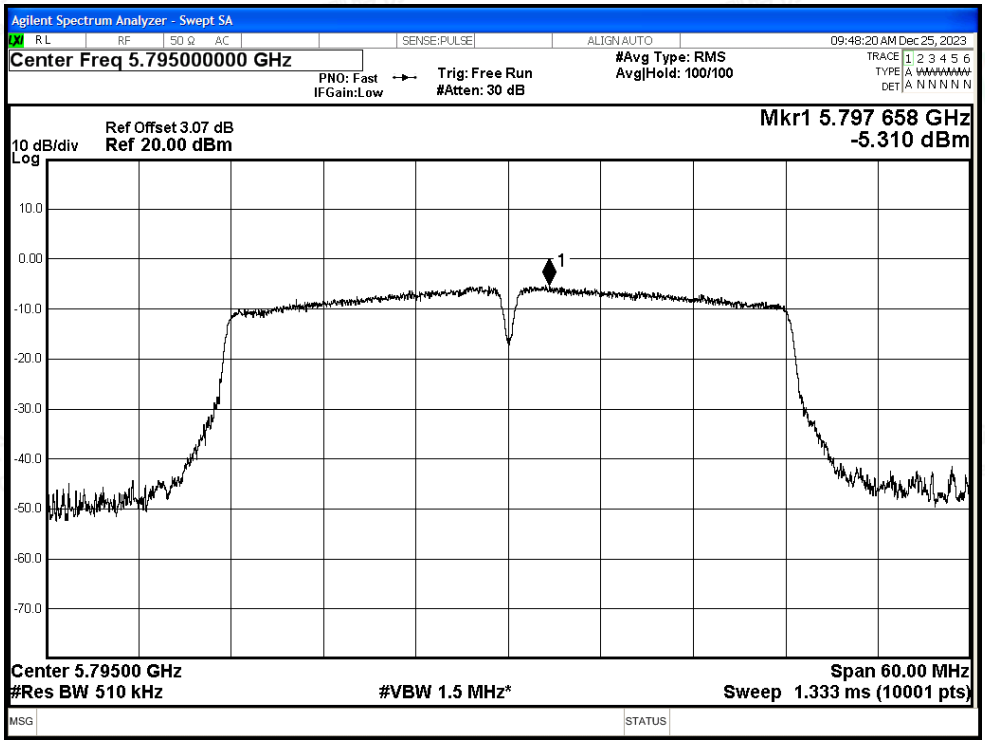
PSD NVNT n20 5825MHz Ant3



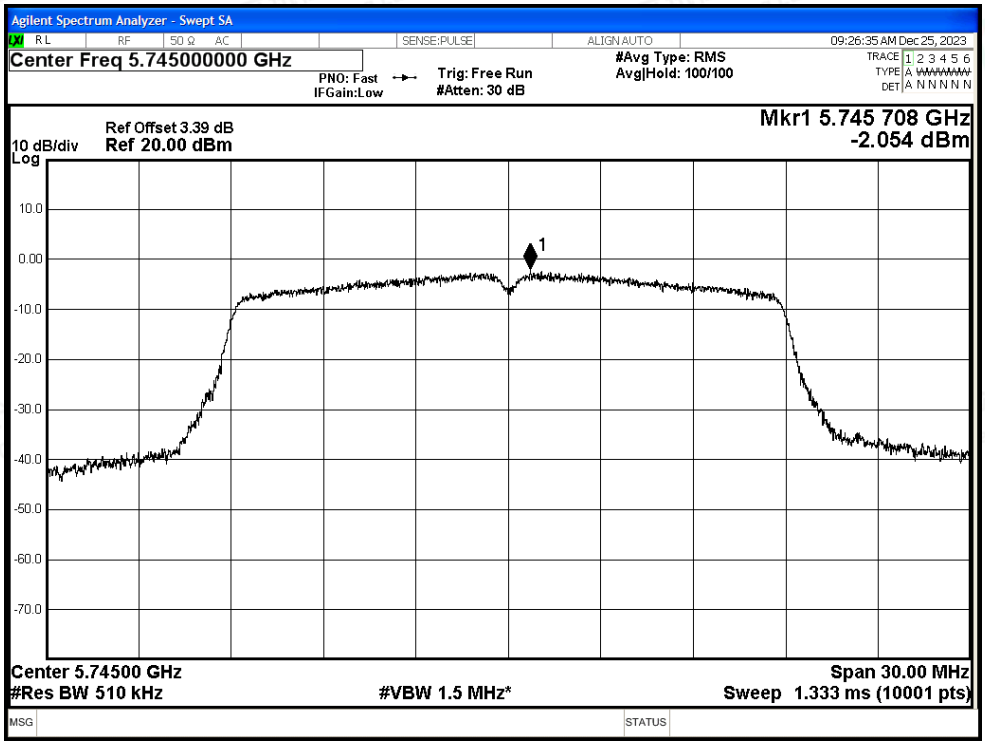
PSD NVNT n40 5755MHz Ant3



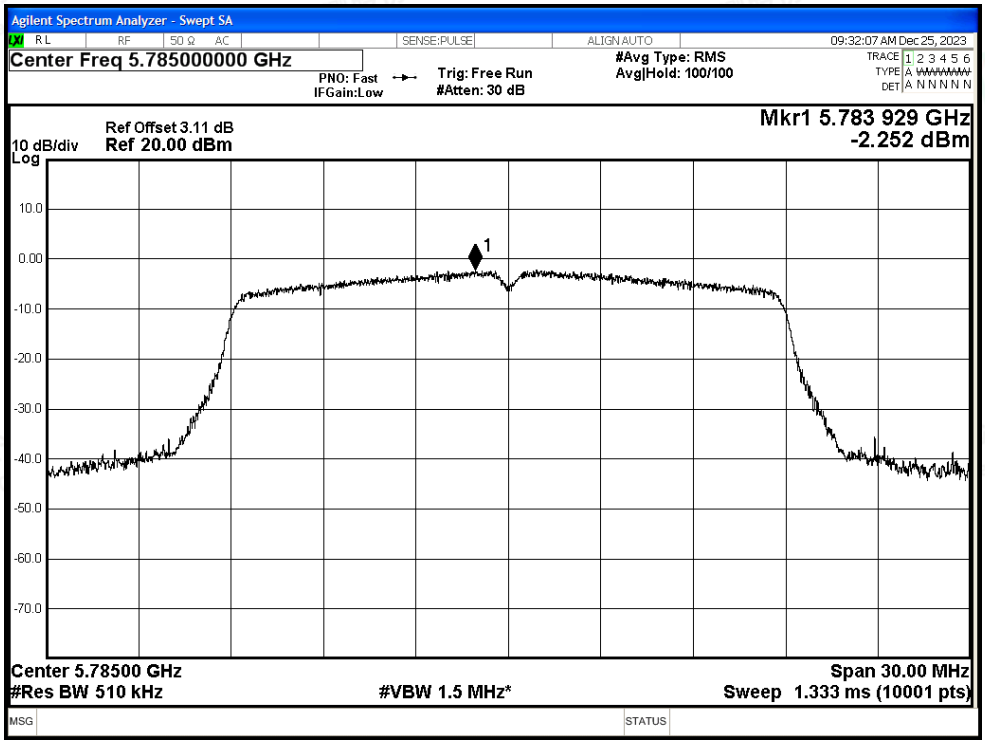
PSD NVNT n40 5795MHz Ant3



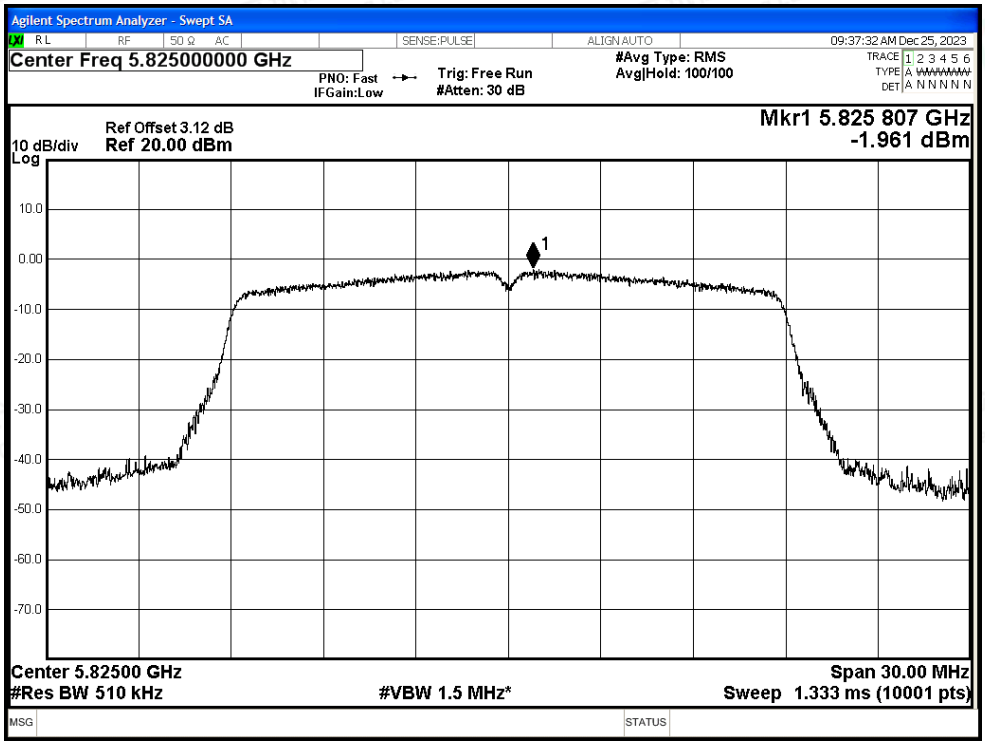
PSD NVNT ac20 5745MHz Ant3



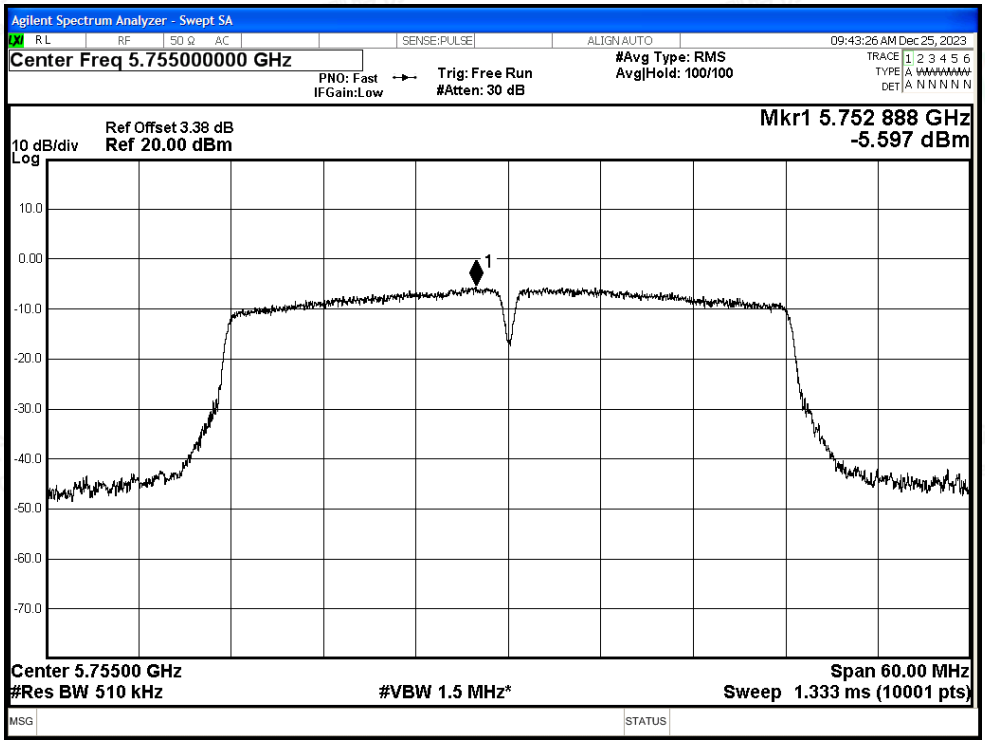
PSD NVNT ac20 5785MHz Ant3



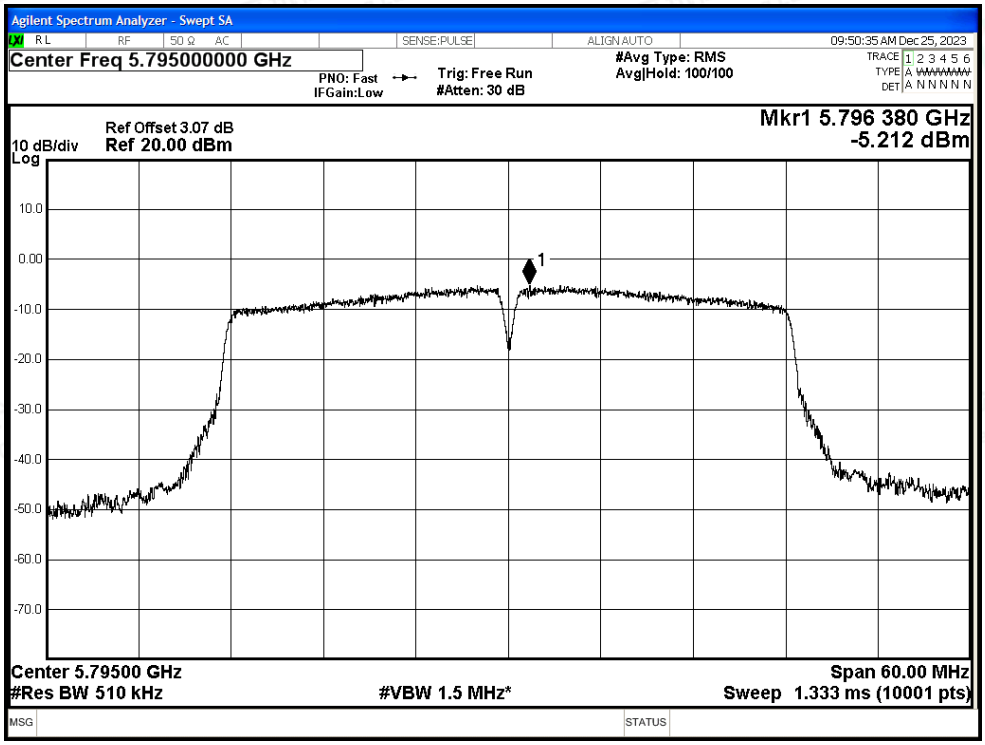
PSD NVNT ac20 5825MHz Ant3



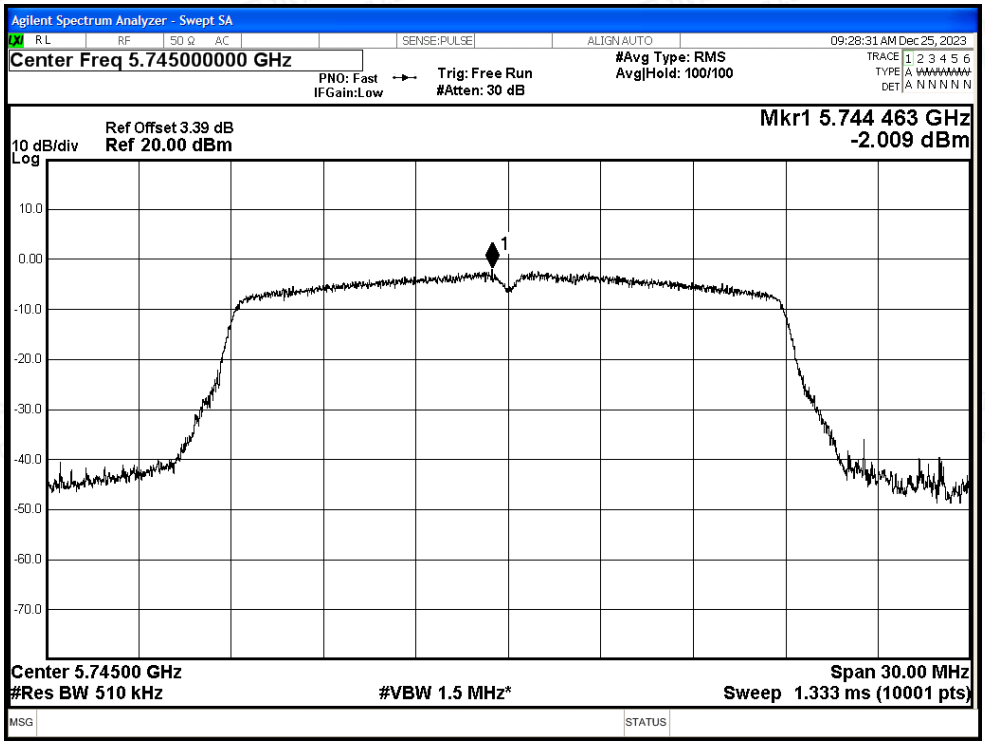
PSD NVNT ac40 5755MHz Ant3



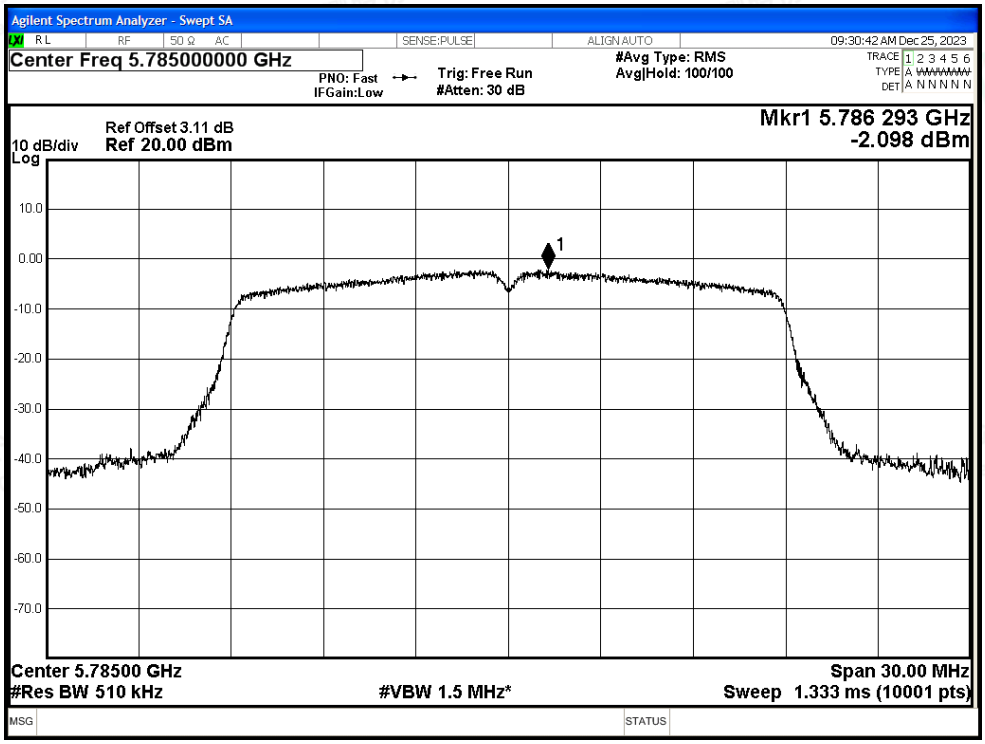
PSD NVNT ac40 5795MHz Ant3



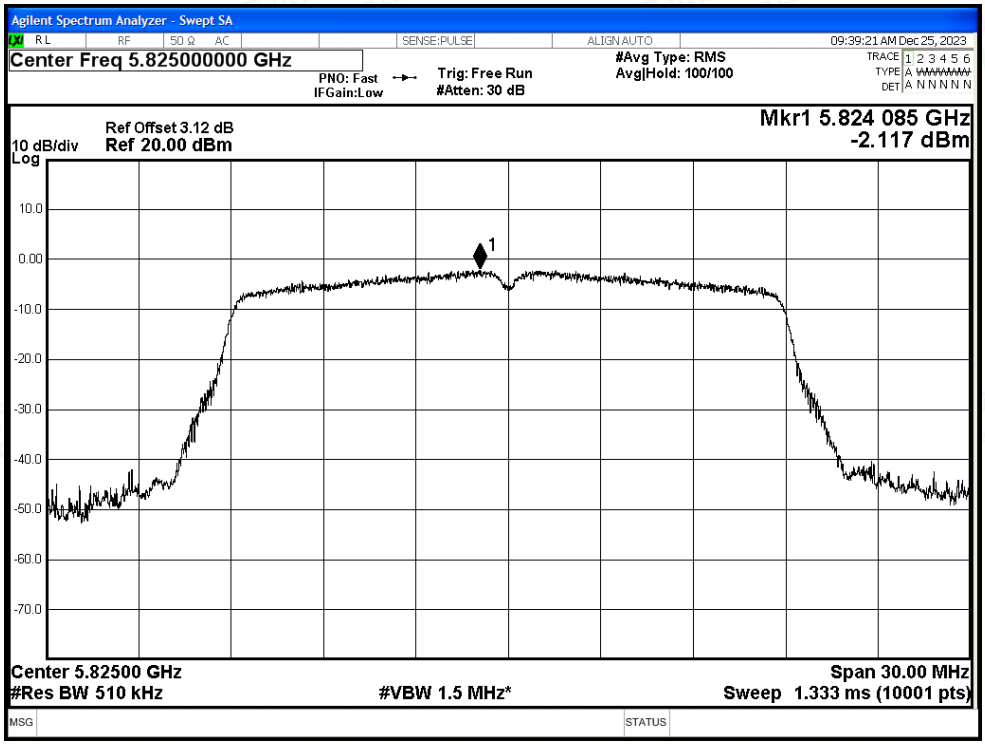
PSD NVNT ax20 5745MHz Ant3



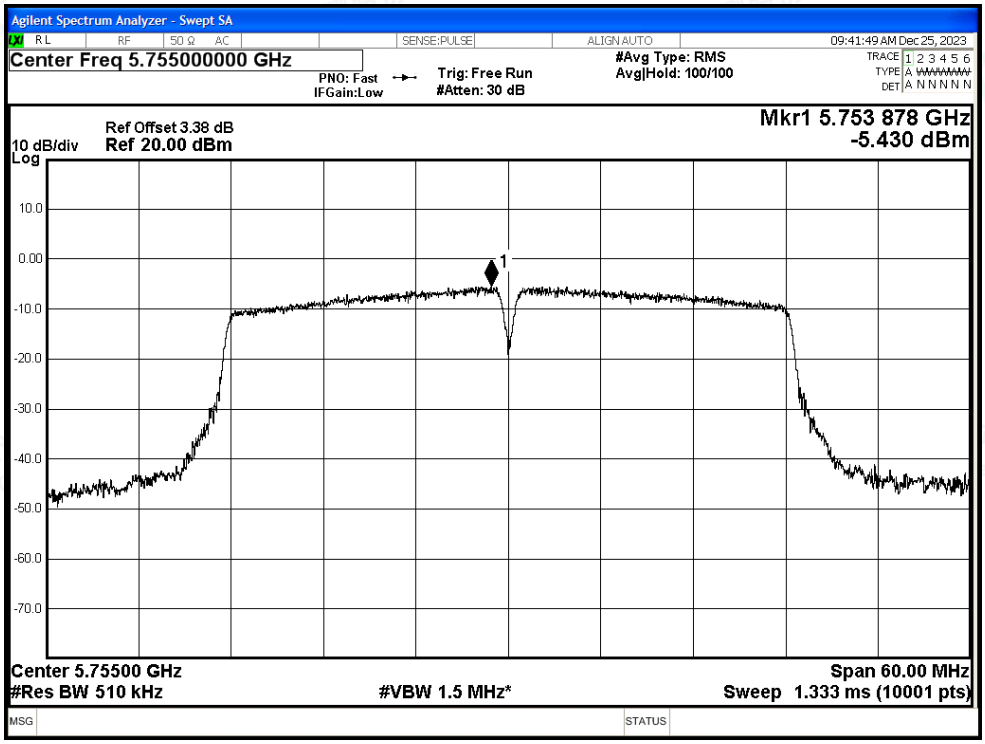
PSD NVNT ax20 5785MHz Ant3



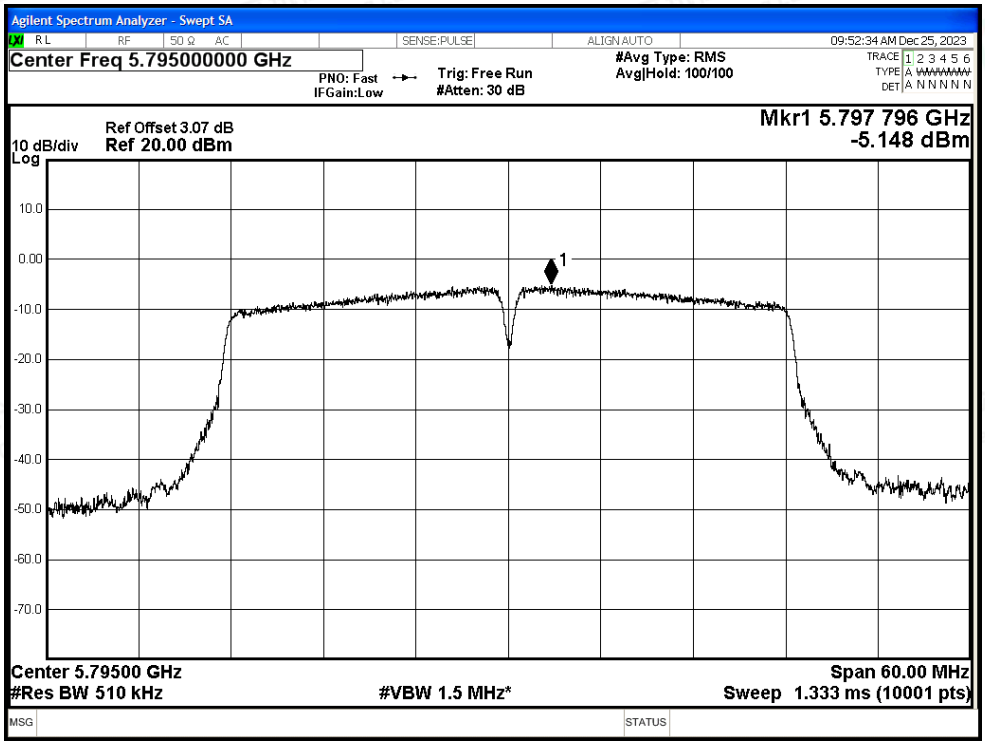
PSD NVNT ax20 5825MHz Ant3



PSD NVNT ax40 5755MHz Ant3



PSD NVNT ax40 5795MHz Ant3



E.4 Restrict Band

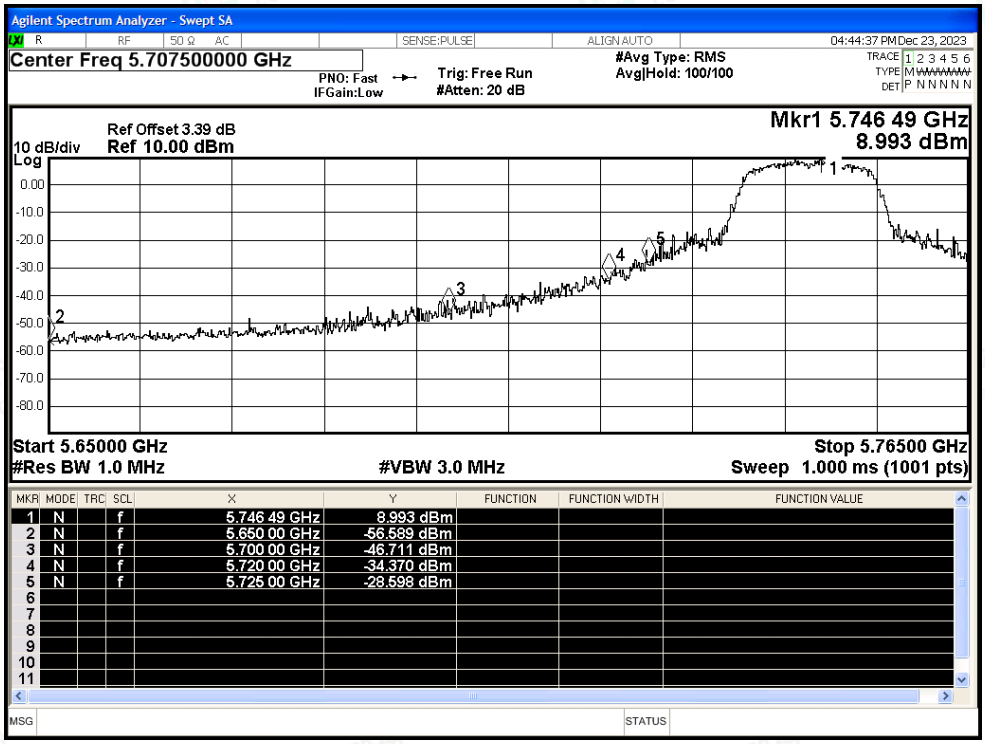
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	5650	-56.59	5.5	-51.09	Peak	-27	Pass
NVNT	a	5745	Ant1	5650	-62.58	5.5	-57.08	Average	-27	Pass
NVNT	a	5745	Ant1	5700	-46.71	5.5	-41.21	Peak	10	Pass
NVNT	a	5745	Ant1	5700	-55.88	5.5	-50.38	Average	10	Pass
NVNT	a	5745	Ant1	5720	-34.37	5.5	-28.87	Peak	15.6	Pass
NVNT	a	5745	Ant1	5720	-44.01	5.5	-38.51	Average	15.6	Pass
NVNT	a	5745	Ant1	5725	-28.6	5.5	-23.10	Peak	27	Pass
NVNT	a	5745	Ant1	5725	-39.06	5.5	-33.56	Average	27	Pass
NVNT	a	5825	Ant1	5850	-34.55	5.5	-29.05	Peak	27	Pass
NVNT	a	5825	Ant1	5850	-45.3	5.5	-39.80	Average	27	Pass
NVNT	a	5825	Ant1	5855	-38.76	5.5	-33.26	Peak	15.6	Pass
NVNT	a	5825	Ant1	5855	-49.49	5.5	-43.99	Average	15.6	Pass
NVNT	a	5825	Ant1	5875	-44.98	5.5	-39.48	Peak	10	Pass
NVNT	a	5825	Ant1	5875	-54.62	5.5	-49.12	Average	10	Pass
NVNT	a	5825	Ant1	5925	-49.73	5.5	-44.23	Peak	-27	Pass
NVNT	a	5825	Ant1	5925	-58.51	5.5	-53.01	Average	-27	Pass
NVNT	n20	5745	Ant1	5650	-53.63	5.5	-48.13	Peak	-27	Pass
NVNT	n20	5745	Ant1	5650	-62.47	5.5	-56.97	Average	-27	Pass
NVNT	n20	5745	Ant1	5700	-48.76	5.5	-43.26	Peak	10	Pass
NVNT	n20	5745	Ant1	5700	-56.8	5.5	-51.30	Average	10	Pass
NVNT	n20	5745	Ant1	5720	-34.83	5.5	-29.33	Peak	15.6	Pass
NVNT	n20	5745	Ant1	5720	-45.45	5.5	-39.95	Average	15.6	Pass
NVNT	n20	5745	Ant1	5725	-29.95	5.5	-24.45	Peak	27	Pass
NVNT	n20	5745	Ant1	5725	-39.72	5.5	-34.22	Average	27	Pass
NVNT	n20	5825	Ant1	5850	-34.7	5.5	-29.20	Peak	27	Pass
NVNT	n20	5825	Ant1	5850	-46.61	5.5	-41.11	Average	27	Pass
NVNT	n20	5825	Ant1	5855	-41.79	5.5	-36.29	Peak	15.6	Pass
NVNT	n20	5825	Ant1	5855	-50.12	5.5	-44.62	Average	15.6	Pass
NVNT	n20	5825	Ant1	5875	-45.73	5.5	-40.23	Peak	10	Pass
NVNT	n20	5825	Ant1	5875	-55.29	5.5	-49.79	Average	10	Pass
NVNT	n20	5825	Ant1	5925	-52.1	5.5	-46.60	Peak	-27	Pass
NVNT	n20	5825	Ant1	5925	-59.21	5.5	-53.71	Average	-27	Pass
NVNT	n40	5755	Ant1	5650	-53.22	5.5	-47.72	Peak	-27	Pass
NVNT	n40	5755	Ant1	5650	-60.97	5.5	-55.47	Average	-27	Pass
NVNT	n40	5755	Ant1	5700	-39.52	5.5	-34.02	Peak	10	Pass
NVNT	n40	5755	Ant1	5700	-51.23	5.5	-45.73	Average	10	Pass
NVNT	n40	5755	Ant1	5720	-22.71	5.5	-17.21	Peak	15.6	Pass

NVNT	n40	5755	Ant1	5720	-39.07	5.5	-33.57	Average	15.6	Pass
NVNT	n40	5755	Ant1	5725	-23.16	5.5	-17.66	Peak	27	Pass
NVNT	n40	5755	Ant1	5725	-37.04	5.5	-31.54	Average	27	Pass
NVNT	n40	5795	Ant1	5850	-33.81	5.5	-28.31	Peak	27	Pass
NVNT	n40	5795	Ant1	5850	-46.77	5.5	-41.27	Average	27	Pass
NVNT	n40	5795	Ant1	5855	-40.94	5.5	-35.44	Peak	15.6	Pass
NVNT	n40	5795	Ant1	5855	-48.07	5.5	-42.57	Average	15.6	Pass
NVNT	n40	5795	Ant1	5875	-44.01	5.5	-38.51	Peak	10	Pass
NVNT	n40	5795	Ant1	5875	-53.65	5.5	-48.15	Average	10	Pass
NVNT	n40	5795	Ant1	5925	-52.59	5.5	-47.09	Peak	-27	Pass
NVNT	n40	5795	Ant1	5925	-59.62	5.5	-54.12	Average	-27	Pass
NVNT	ac20	5745	Ant1	5650	-55.66	5.5	-50.16	Peak	-27	Pass
NVNT	ac20	5745	Ant1	5650	-62.4	5.5	-56.90	Average	-27	Pass
NVNT	ac20	5745	Ant1	5700	-48.98	5.5	-43.48	Peak	10	Pass
NVNT	ac20	5745	Ant1	5700	-55.51	5.5	-50.01	Average	10	Pass
NVNT	ac20	5745	Ant1	5720	-38.34	5.5	-32.84	Peak	15.6	Pass
NVNT	ac20	5745	Ant1	5720	-45.15	5.5	-39.65	Average	15.6	Pass
NVNT	ac20	5745	Ant1	5725	-29.62	5.5	-24.12	Peak	27	Pass
NVNT	ac20	5745	Ant1	5725	-39.35	5.5	-33.85	Average	27	Pass
NVNT	ac20	5825	Ant1	5850	-34.9	5.5	-29.40	Peak	27	Pass
NVNT	ac20	5825	Ant1	5850	-45.85	5.5	-40.35	Average	27	Pass
NVNT	ac20	5825	Ant1	5855	-37.84	5.5	-32.34	Peak	15.6	Pass
NVNT	ac20	5825	Ant1	5855	-49.76	5.5	-44.26	Average	15.6	Pass
NVNT	ac20	5825	Ant1	5875	-49.15	5.5	-43.65	Peak	10	Pass
NVNT	ac20	5825	Ant1	5875	-56.34	5.5	-50.84	Average	10	Pass
NVNT	ac20	5825	Ant1	5925	-51.84	5.5	-46.34	Peak	-27	Pass
NVNT	ac20	5825	Ant1	5925	-59.35	5.5	-53.85	Average	-27	Pass
NVNT	ac40	5755	Ant1	5650	-52.63	5.5	-47.13	Peak	-27	Pass
NVNT	ac40	5755	Ant1	5650	-61.15	5.5	-55.65	Average	-27	Pass
NVNT	ac40	5755	Ant1	5700	-42.15	5.5	-36.65	Peak	10	Pass
NVNT	ac40	5755	Ant1	5700	-51.35	5.5	-45.85	Average	10	Pass
NVNT	ac40	5755	Ant1	5720	-29.12	5.5	-23.62	Peak	15.6	Pass
NVNT	ac40	5755	Ant1	5720	-38.98	5.5	-33.48	Average	15.6	Pass
NVNT	ac40	5755	Ant1	5725	-27.4	5.5	-21.90	Peak	27	Pass
NVNT	ac40	5755	Ant1	5725	-36.9	5.5	-31.40	Average	27	Pass
NVNT	ac40	5795	Ant1	5850	-40.58	5.5	-35.08	Peak	27	Pass
NVNT	ac40	5795	Ant1	5850	-48.94	5.5	-43.44	Average	27	Pass
NVNT	ac40	5795	Ant1	5855	-38.56	5.5	-33.06	Peak	15.6	Pass
NVNT	ac40	5795	Ant1	5855	-50.41	5.5	-44.91	Average	15.6	Pass
NVNT	ac40	5795	Ant1	5875	-45.13	5.5	-39.63	Peak	10	Pass
NVNT	ac40	5795	Ant1	5875	-54.5	5.5	-49.00	Average	10	Pass

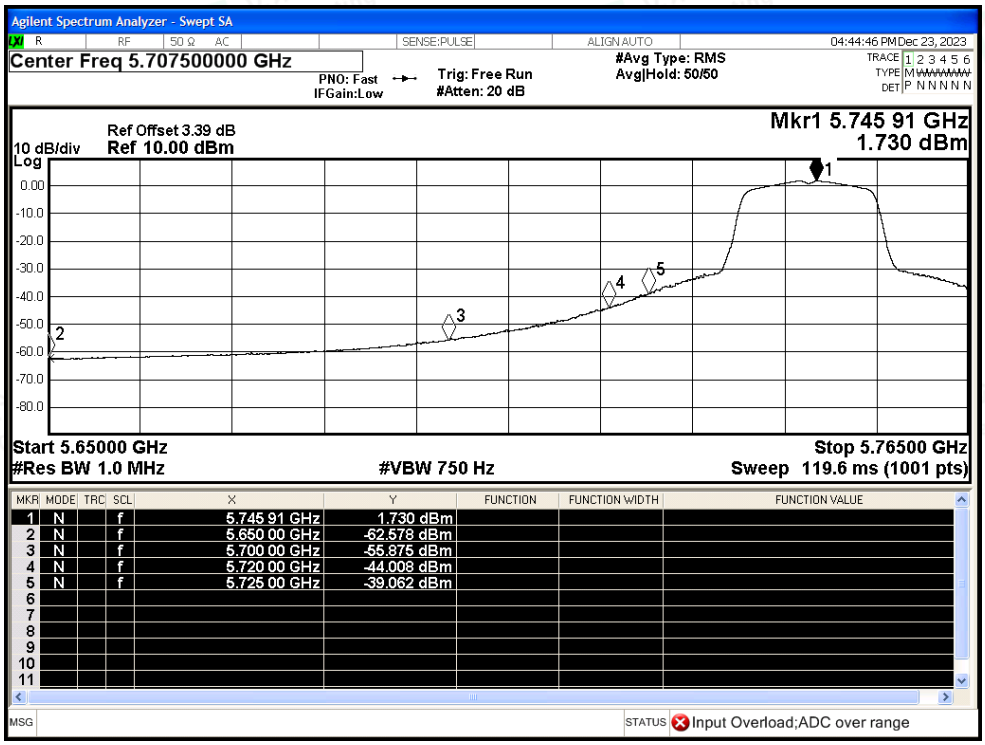
NVNT	ac40	5795	Ant1	5925	-50.7	5.5	-45.20	Peak	-27	Pass
NVNT	ac40	5795	Ant1	5925	-60.07	5.5	-54.57	Average	-27	Pass
NVNT	ax20	5745	Ant1	5650	-55.71	5.5	-50.21	Peak	-27	Pass
NVNT	ax20	5745	Ant1	5650	-62.12	5.5	-56.62	Average	-27	Pass
NVNT	ax20	5745	Ant1	5700	-40.55	5.5	-35.05	Peak	10	Pass
NVNT	ax20	5745	Ant1	5700	-52.2	5.5	-46.70	Average	10	Pass
NVNT	ax20	5745	Ant1	5720	-31.71	5.5	-26.21	Peak	15.6	Pass
NVNT	ax20	5745	Ant1	5720	-40.01	5.5	-34.51	Average	15.6	Pass
NVNT	ax20	5745	Ant1	5725	-26.55	5.5	-21.05	Peak	27	Pass
NVNT	ax20	5745	Ant1	5725	-36.16	5.5	-30.66	Average	27	Pass
NVNT	ax20	5825	Ant1	5850	-35.4	5.5	-29.90	Peak	27	Pass
NVNT	ax20	5825	Ant1	5850	-45.76	5.5	-40.26	Average	27	Pass
NVNT	ax20	5825	Ant1	5855	-39.57	5.5	-34.07	Peak	15.6	Pass
NVNT	ax20	5825	Ant1	5855	-49.56	5.5	-44.06	Average	15.6	Pass
NVNT	ax20	5825	Ant1	5875	-49.65	5.5	-44.15	Peak	10	Pass
NVNT	ax20	5825	Ant1	5875	-56.29	5.5	-50.79	Average	10	Pass
NVNT	ax20	5825	Ant1	5925	-53.26	5.5	-47.76	Peak	-27	Pass
NVNT	ax20	5825	Ant1	5925	-59.59	5.5	-54.09	Average	-27	Pass
NVNT	ax40	5755	Ant1	5650	-54.23	5.5	-48.73	Peak	-27	Pass
NVNT	ax40	5755	Ant1	5650	-60.92	5.5	-55.42	Average	-27	Pass
NVNT	ax40	5755	Ant1	5700	-41.36	5.5	-35.86	Peak	10	Pass
NVNT	ax40	5755	Ant1	5700	-50.82	5.5	-45.32	Average	10	Pass
NVNT	ax40	5755	Ant1	5720	-30.57	5.5	-25.07	Peak	15.6	Pass
NVNT	ax40	5755	Ant1	5720	-39.31	5.5	-33.81	Average	15.6	Pass
NVNT	ax40	5755	Ant1	5725	-27.79	5.5	-22.29	Peak	27	Pass
NVNT	ax40	5755	Ant1	5725	-36.69	5.5	-31.19	Average	27	Pass
NVNT	ax40	5795	Ant1	5850	-38.95	5.5	-33.45	Peak	27	Pass
NVNT	ax40	5795	Ant1	5850	-48.48	5.5	-42.98	Average	27	Pass
NVNT	ax40	5795	Ant1	5855	-41.87	5.5	-36.37	Peak	15.6	Pass
NVNT	ax40	5795	Ant1	5855	-50.51	5.5	-45.01	Average	15.6	Pass
NVNT	ax40	5795	Ant1	5875	-45.41	5.5	-39.91	Peak	10	Pass
NVNT	ax40	5795	Ant1	5875	-55.02	5.5	-49.52	Average	10	Pass
NVNT	ax40	5795	Ant1	5925	-53.37	5.5	-47.87	Peak	-27	Pass
NVNT	ax40	5795	Ant1	5925	-60.31	5.5	-54.81	Average	-27	Pass

Test Graphs

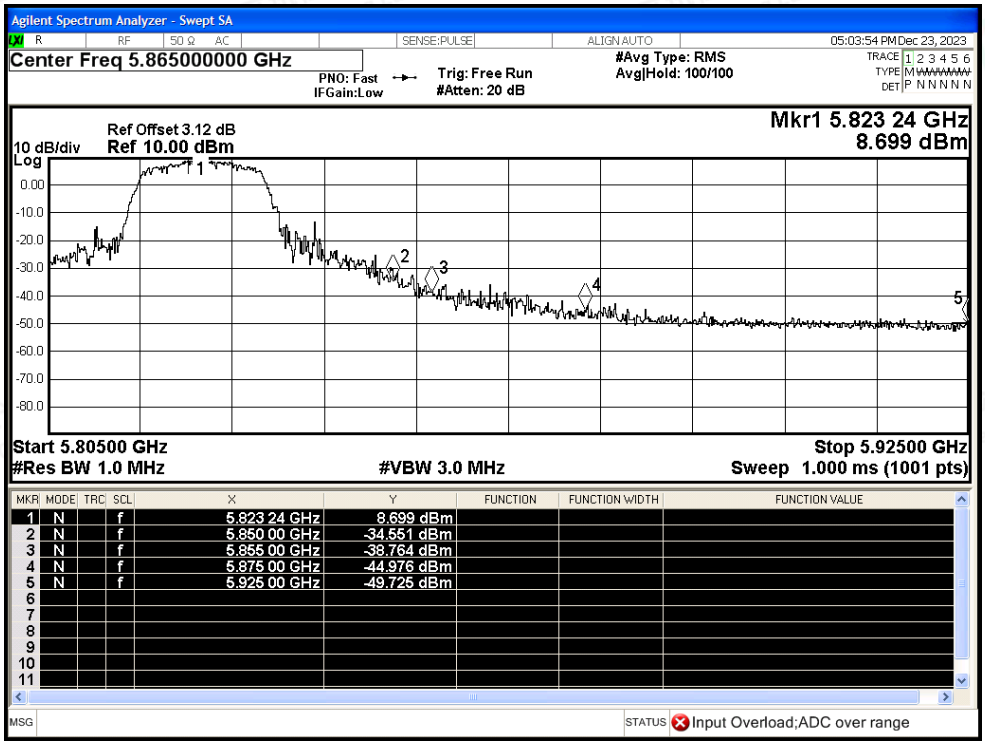
Restrict Band NVNT a 5745MHz Ant1 Peak



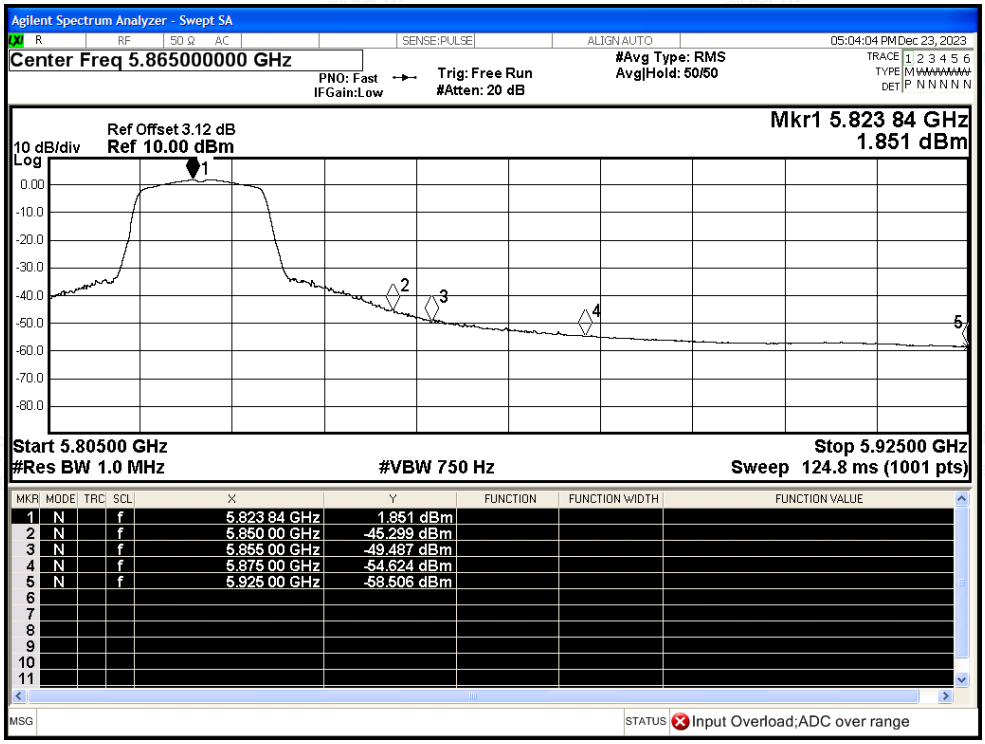
Restrict Band NVNT a 5745MHz Ant1 Average



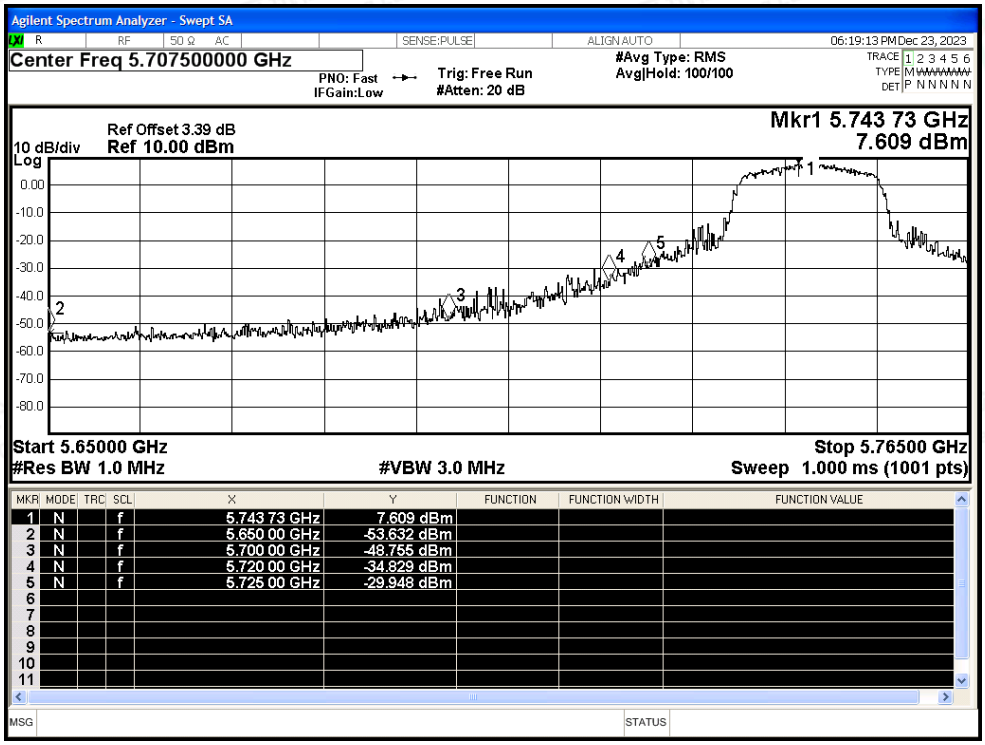
Restrict Band NVNT a 5825MHz Ant1 Peak



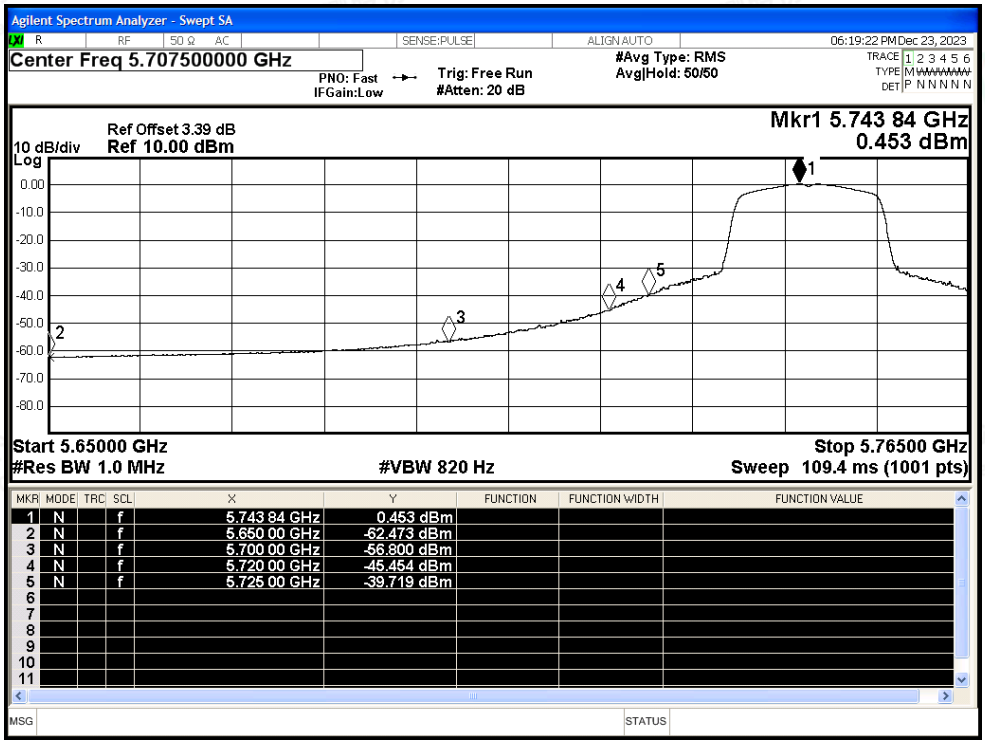
Restrict Band NVNT a 5825MHz Ant1 Average



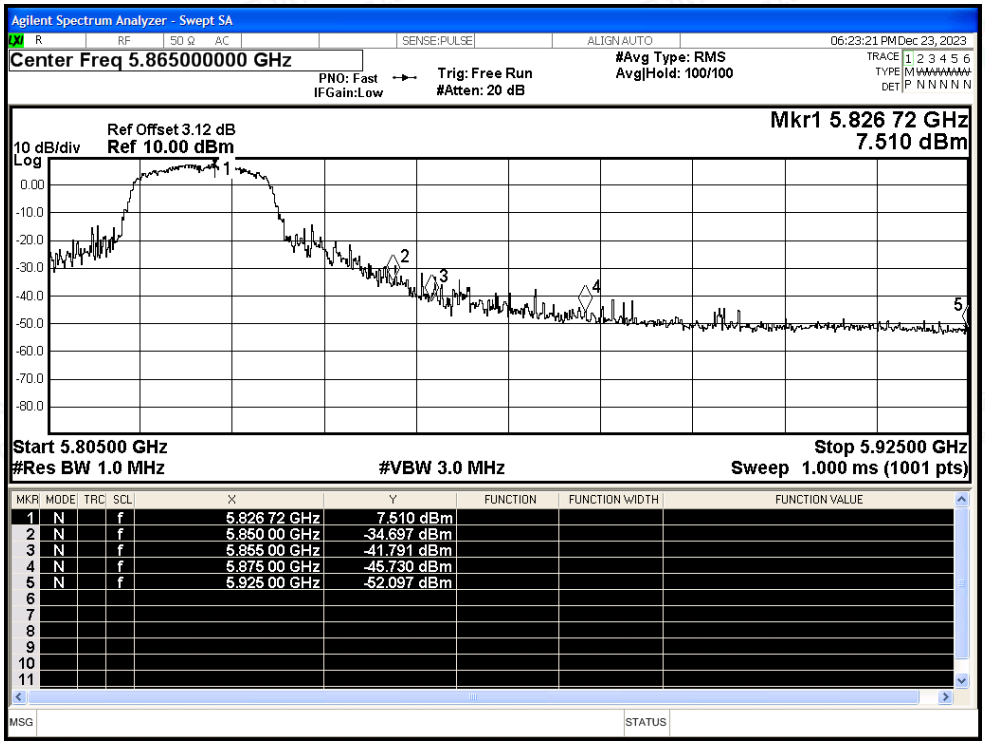
Restrict Band NVNT n20 5745MHz Ant1 Peak



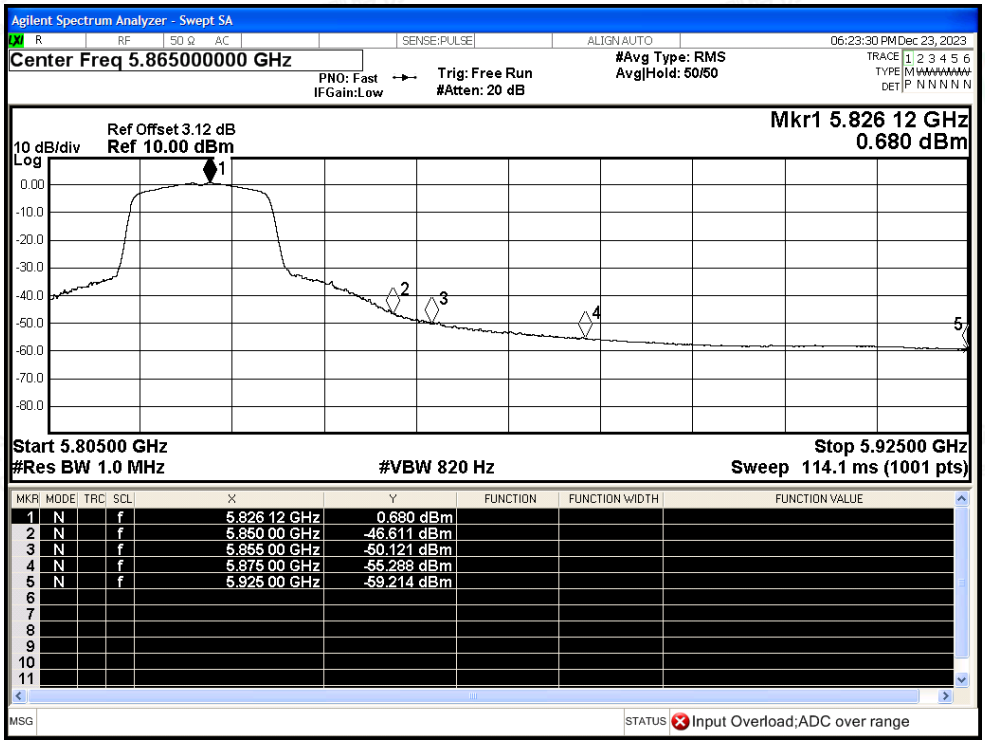
Restrict Band NVNT n20 5745MHz Ant1 Average



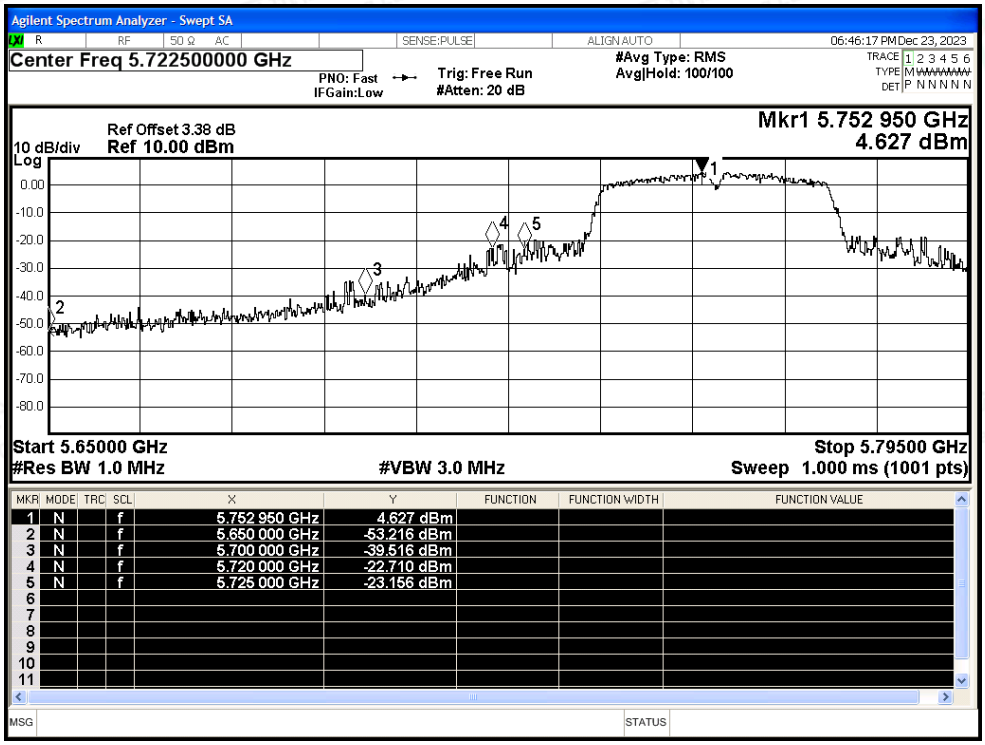
Restrict Band NVNT n20 5825MHz Ant1 Peak



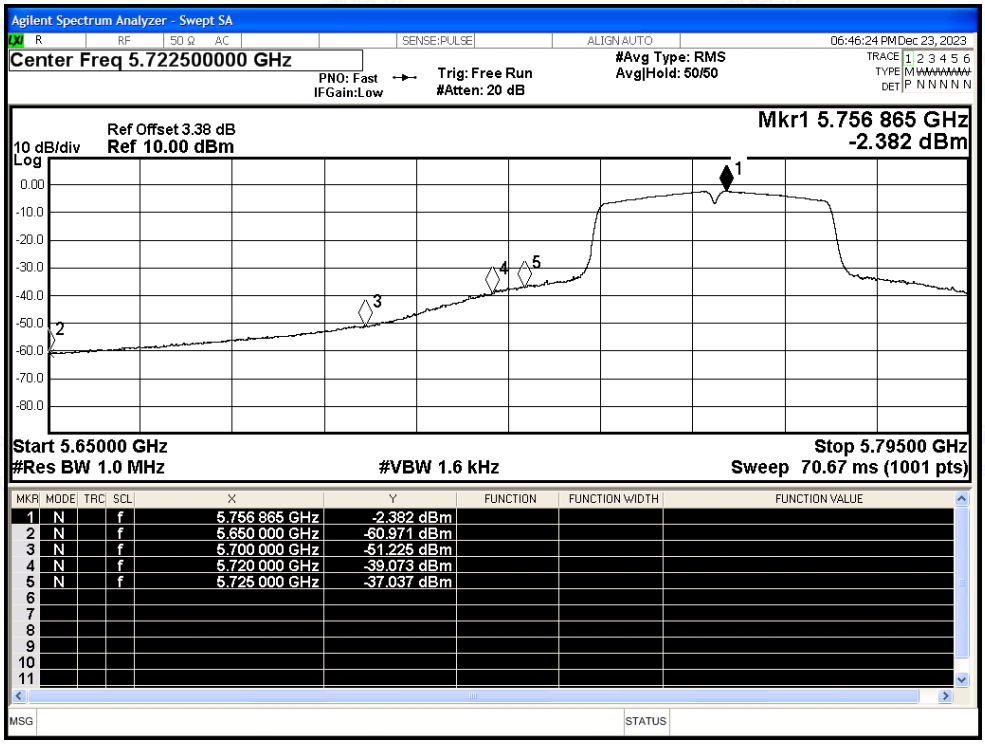
Restrict Band NVNT n20 5825MHz Ant1 Average



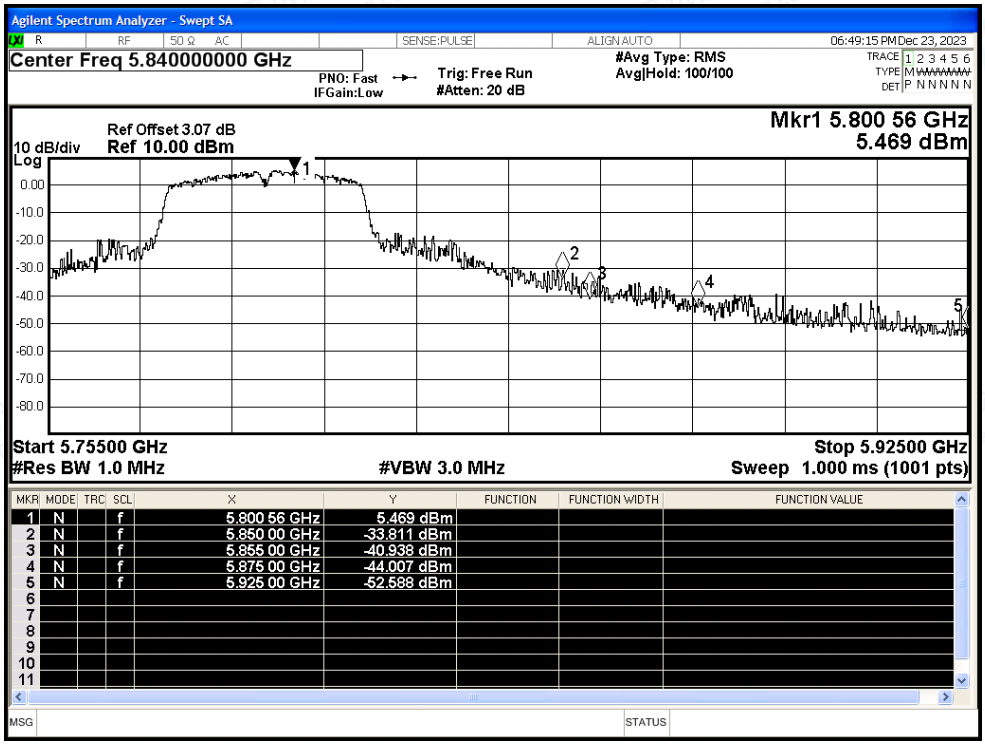
Restrict Band NVNT n40 5755MHz Ant1 Peak



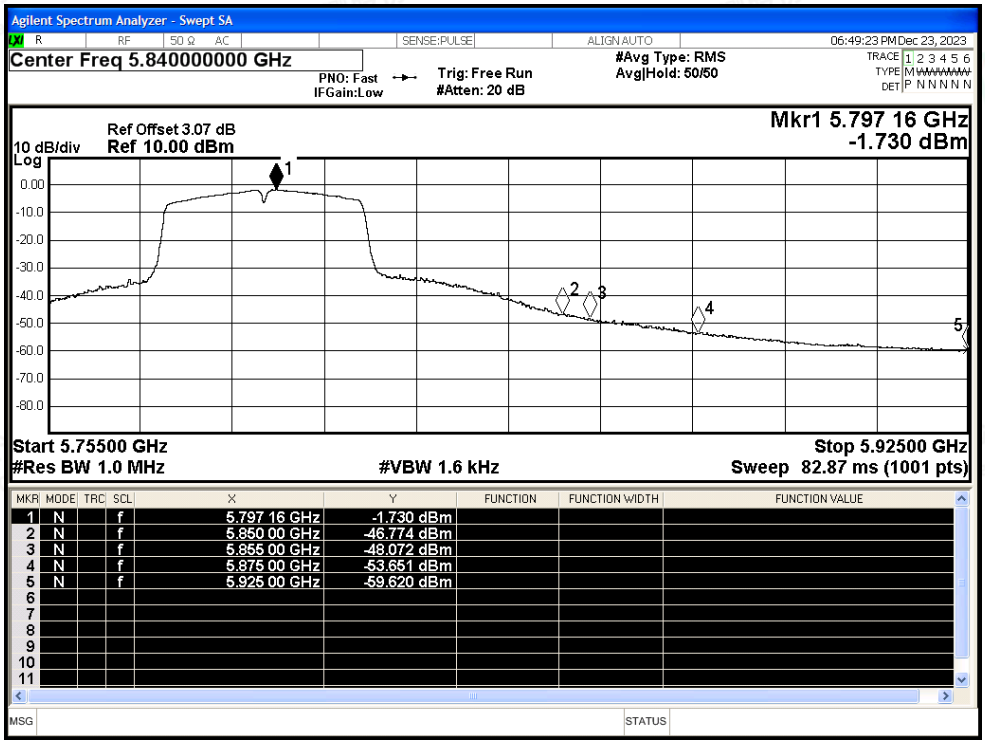
Restrict Band NVNT n40 5755MHz Ant1 Average



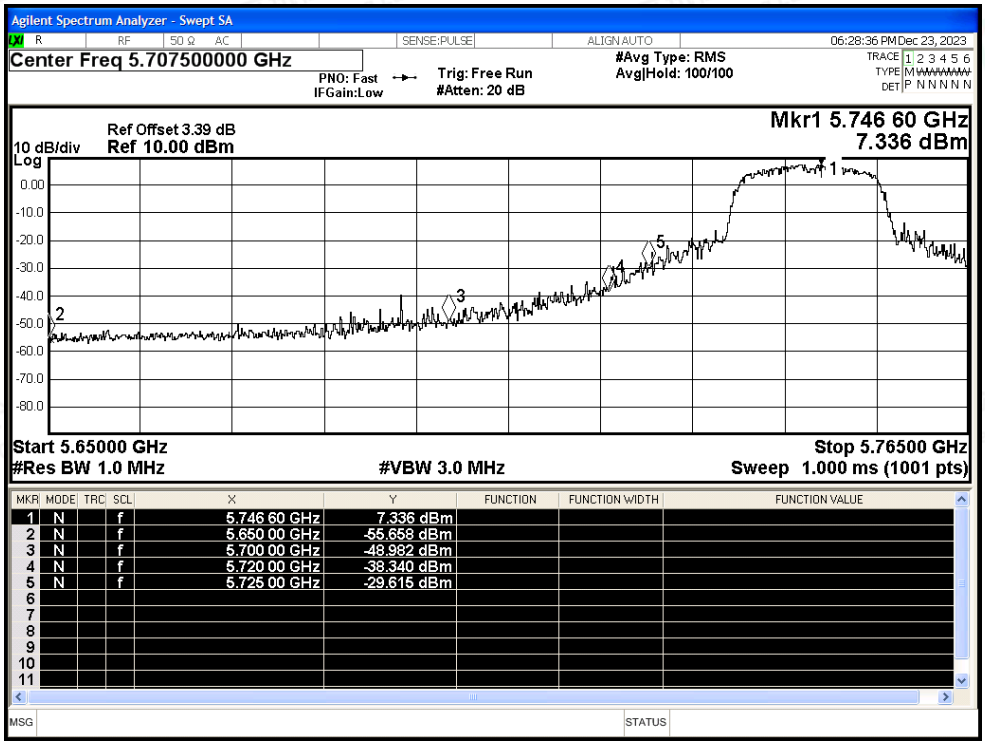
Restrict Band NVNT n40 5795MHz Ant1 Peak



Restrict Band NVNT n40 5795MHz Ant1 Average



Restrict Band NVNT ac20 5745MHz Ant1 Peak



Restrict Band NVNT ac20 5745MHz Ant1 Average