Appendix C

RF Test Data for 5.8GWIFI (Conducted Measurement)

Product Name: wireless router

Test Model: CF-WR631AX

Environmental Conditions

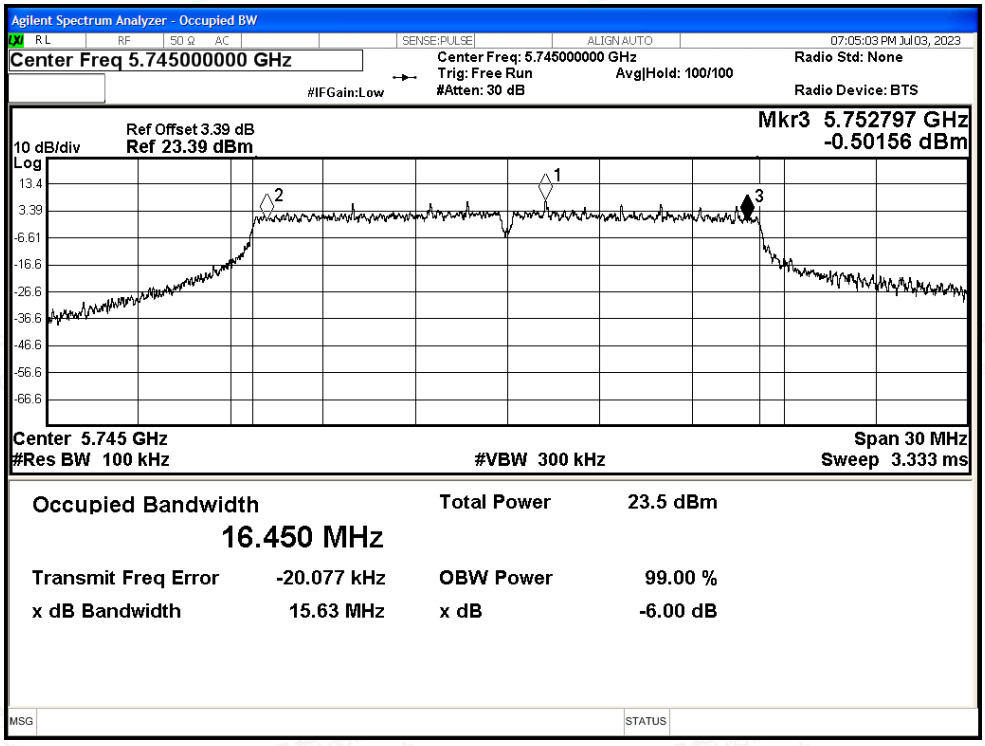
Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu

C.1 -6dB Bandwidth

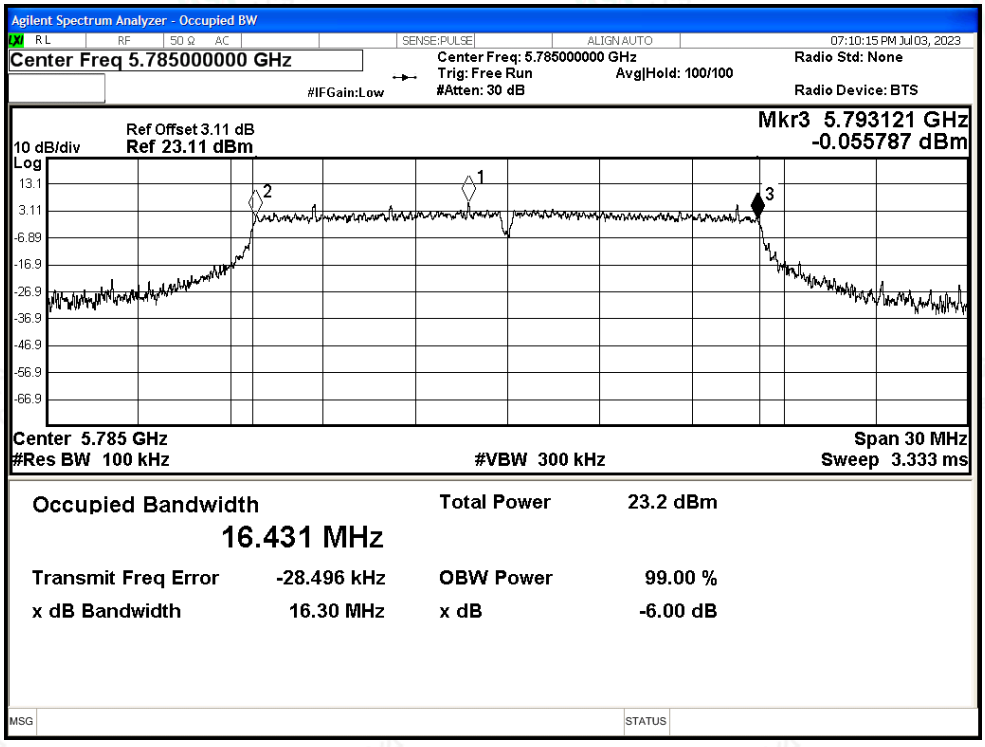
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant0	15.633	>=0.5	Pass
NVNT	a	5785	Ant0	16.299	>=0.5	Pass
NVNT	a	5825	Ant0	15.529	>=0.5	Pass
NVNT	n20	5745	Ant0	17.52	>=0.5	Pass
NVNT	n20	5785	Ant0	17.558	>=0.5	Pass
NVNT	n20	5825	Ant0	15.976	>=0.5	Pass
NVNT	n40	5755	Ant0	35.095	>=0.5	Pass
NVNT	n40	5795	Ant0	35.102	>=0.5	Pass
NVNT	ac20	5745	Ant0	16.307	>=0.5	Pass
NVNT	ac20	5785	Ant0	17.169	>=0.5	Pass
NVNT	ac20	5825	Ant0	15.936	>=0.5	Pass
NVNT	ac40	5755	Ant0	35.115	>=0.5	Pass
NVNT	ac40	5795	Ant0	35.107	>=0.5	Pass
NVNT	ac80	5775	Ant0	75.116	>=0.5	Pass
NVNT	ax20	5745	Ant0	18.031	>=0.5	Pass
NVNT	ax20	5785	Ant0	18.146	>=0.5	Pass
NVNT	ax20	5825	Ant0	17.643	>=0.5	Pass
NVNT	ax40	5755	Ant0	35.102	>=0.5	Pass
NVNT	ax40	5795	Ant0	35.106	>=0.5	Pass
NVNT	ax80	5775	Ant0	75.227	>=0.5	Pass

Test Graphs

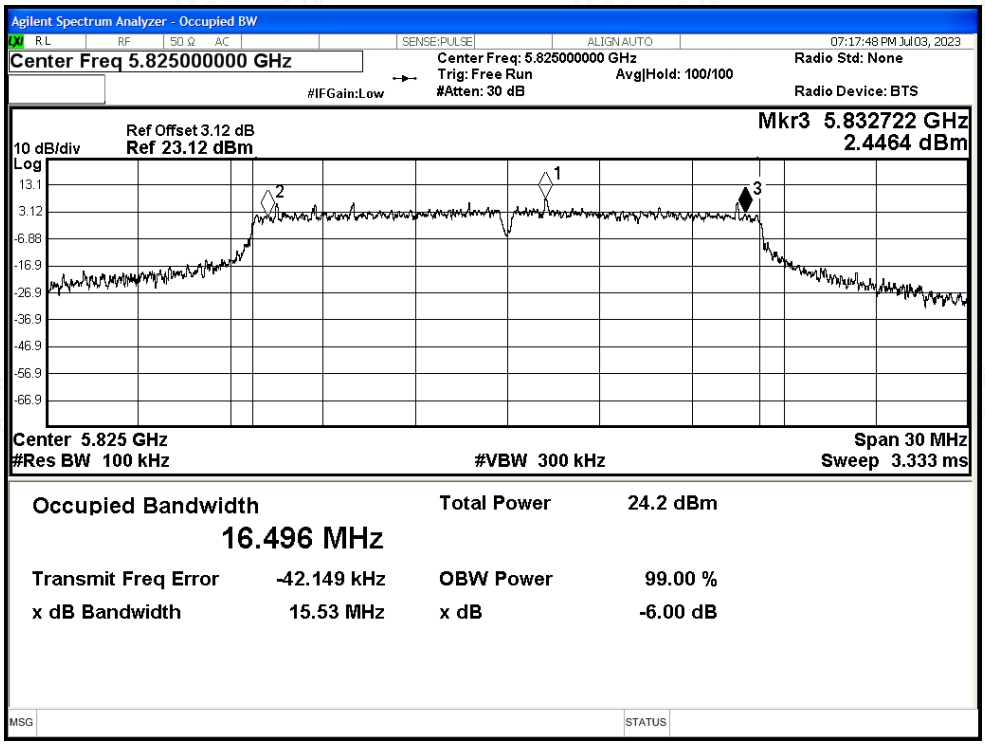
-6dB Bandwidth NVNT a 5745MHz Ant0



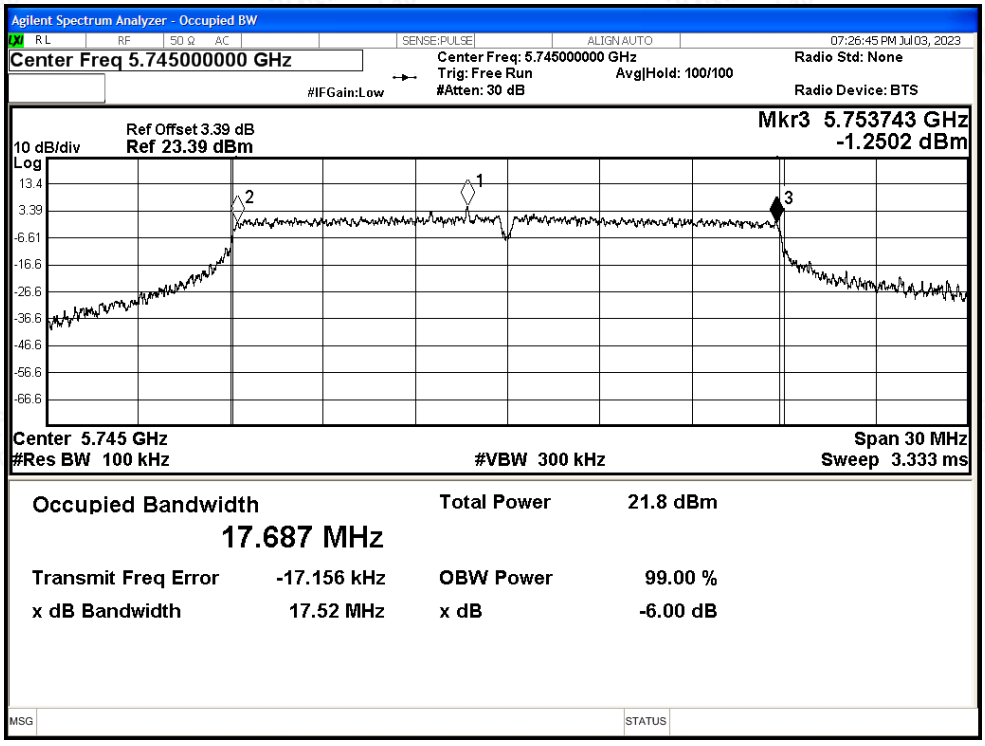
-6dB Bandwidth NVNT a 5785MHz Ant0



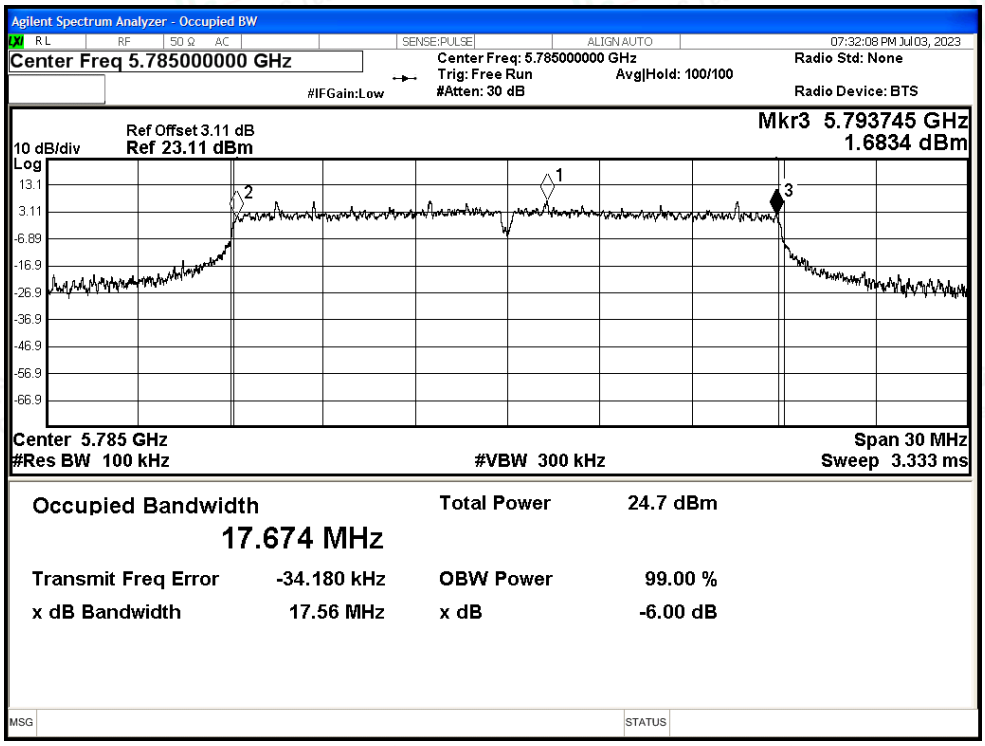
-6dB Bandwidth NVNT a 5825MHz Ant0



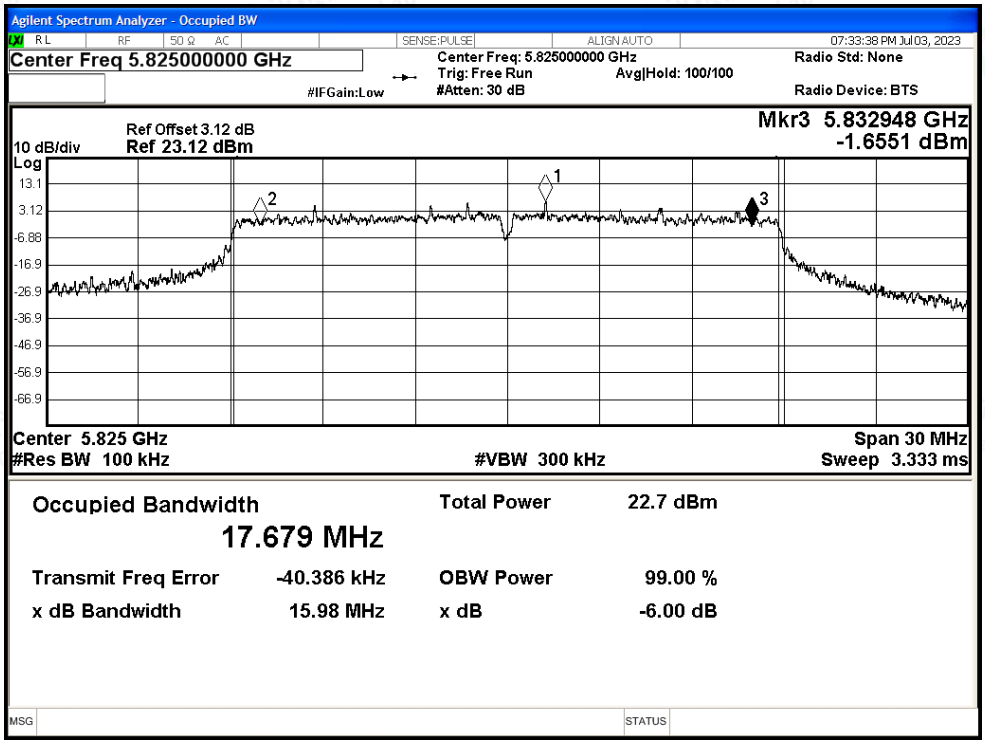
-6dB Bandwidth NVNT n20 5745MHz Ant0



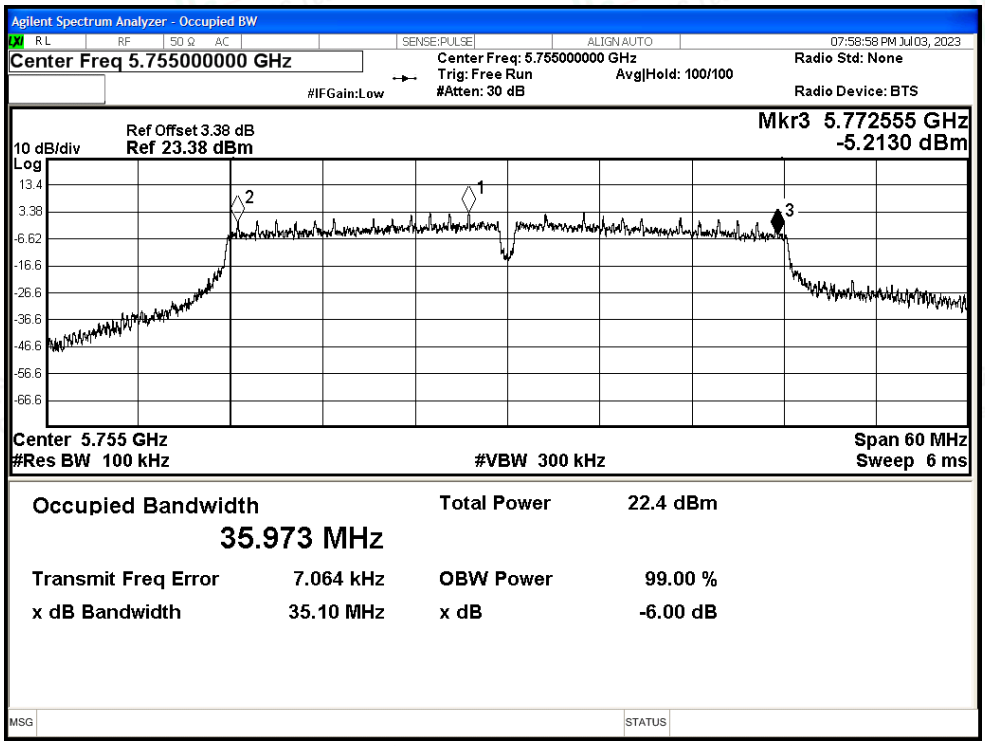
-6dB Bandwidth NVNT n20 5785MHz Ant0



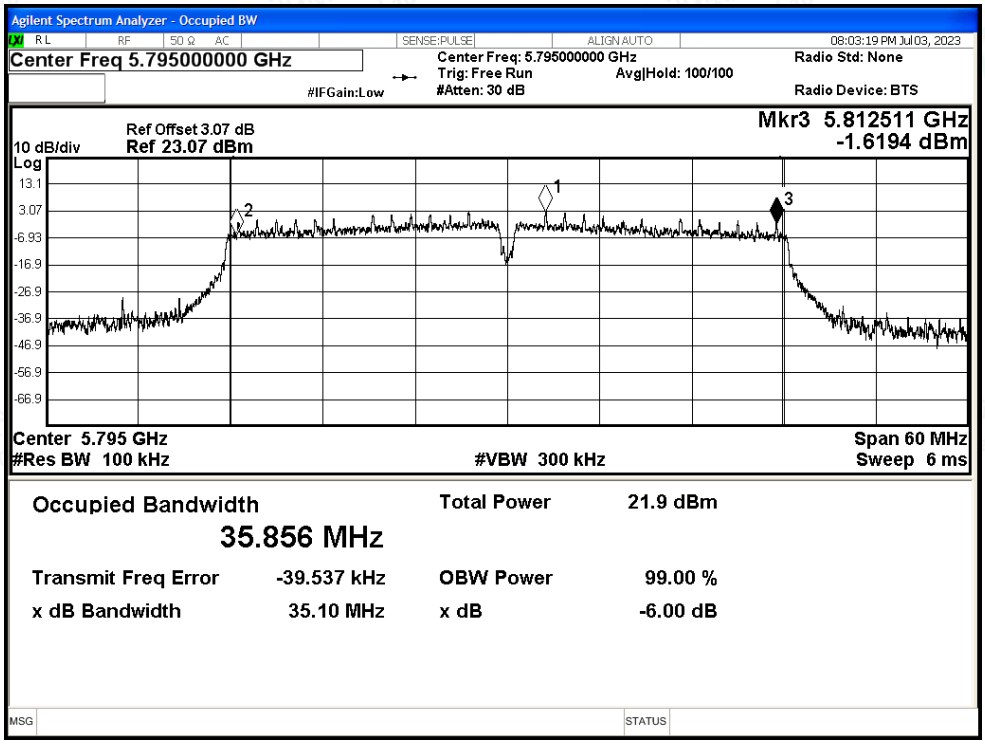
-6dB Bandwidth NVNT n20 5825MHz Ant0



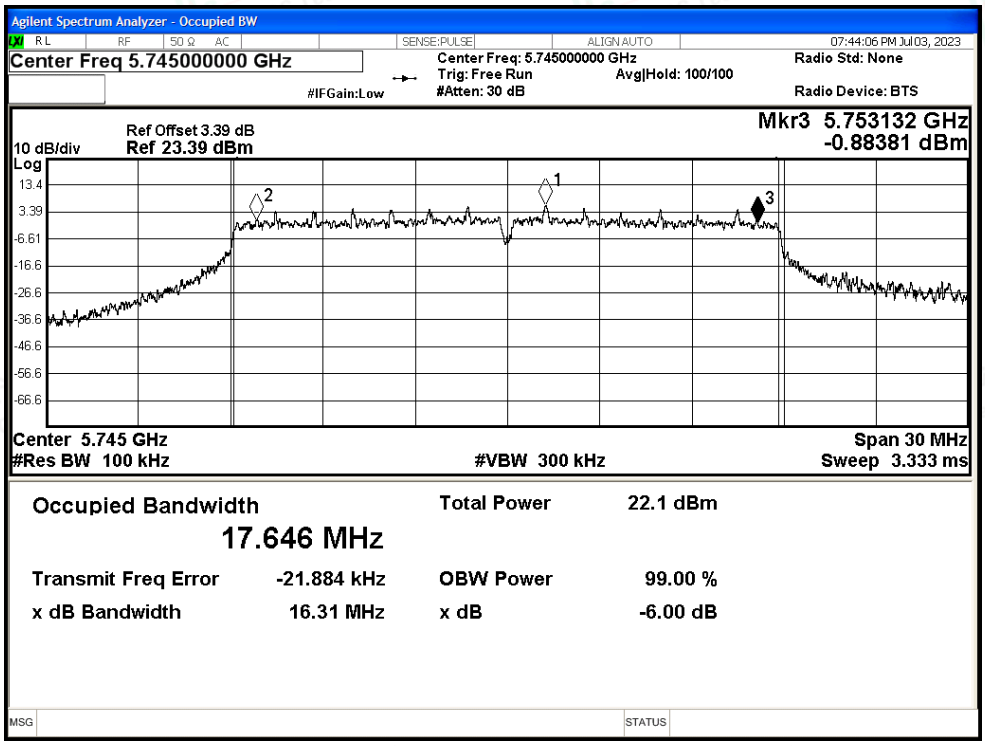
-6dB Bandwidth NVNT n40 5755MHz Ant0



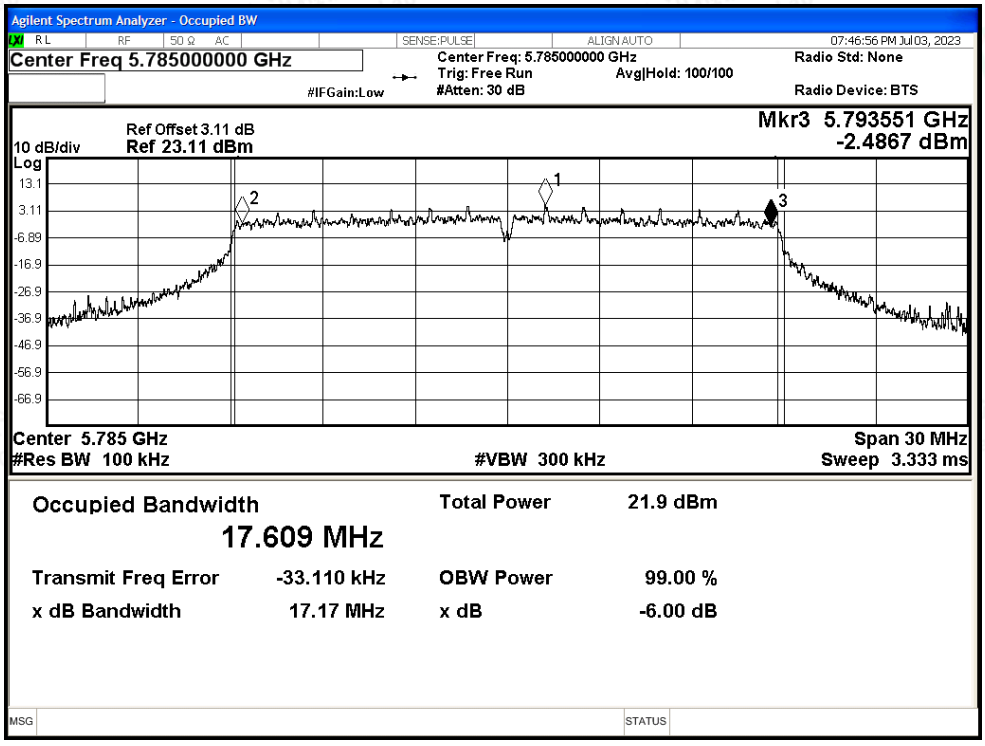
-6dB Bandwidth NVNT n40 5795MHz Ant0



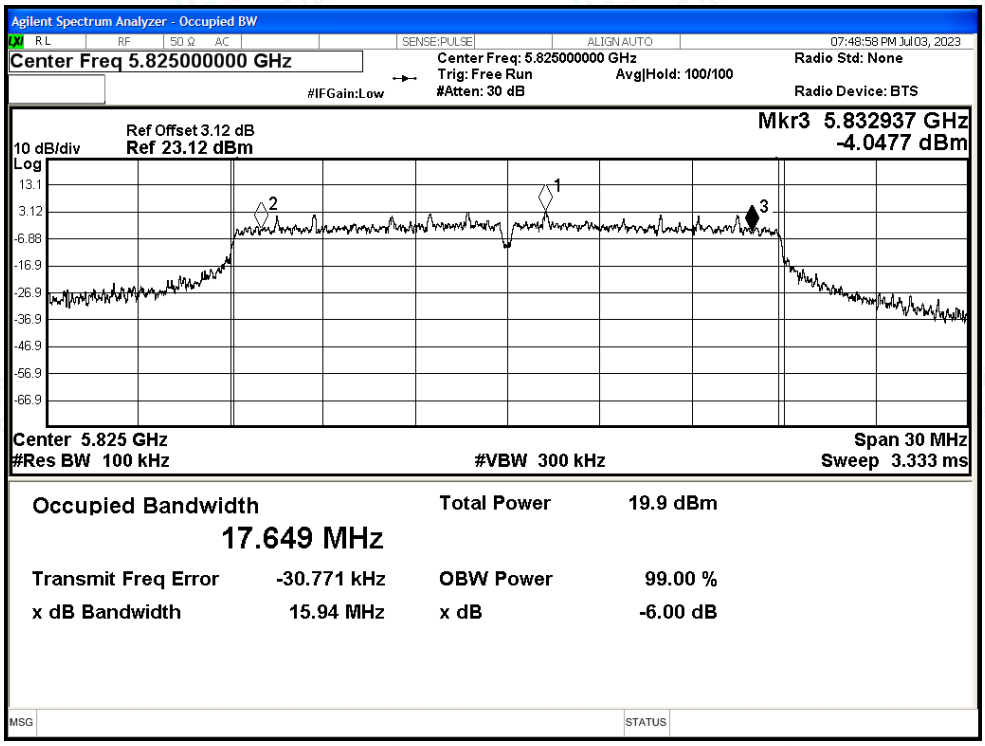
-6dB Bandwidth NVNT ac20 5745MHz Ant0



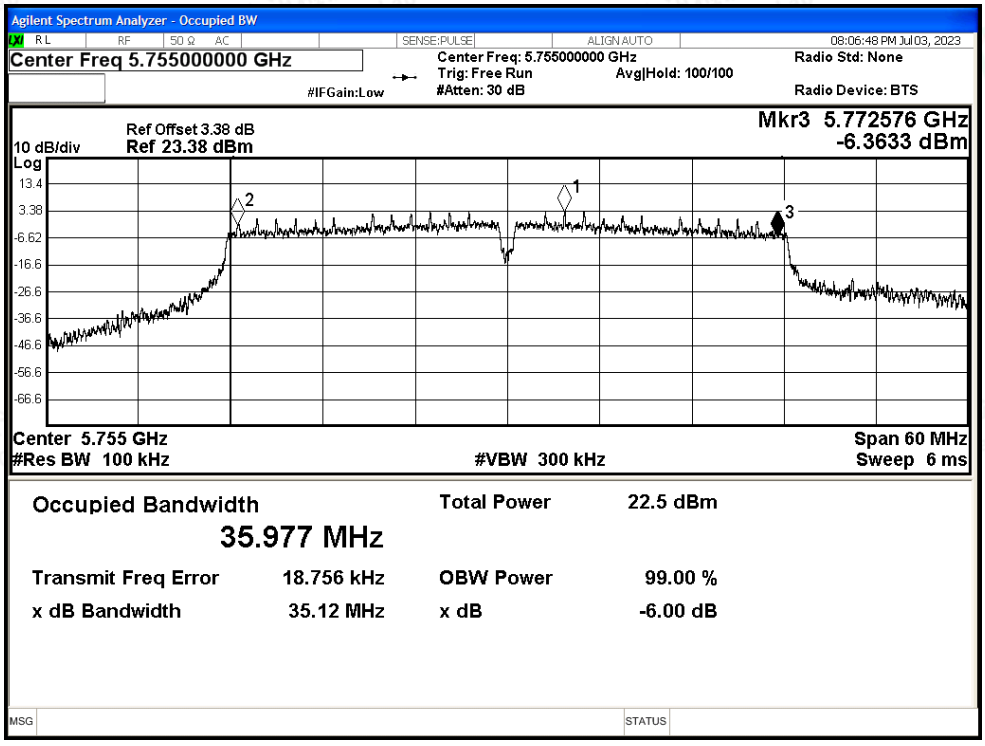
-6dB Bandwidth NVNT ac20 5785MHz Ant0



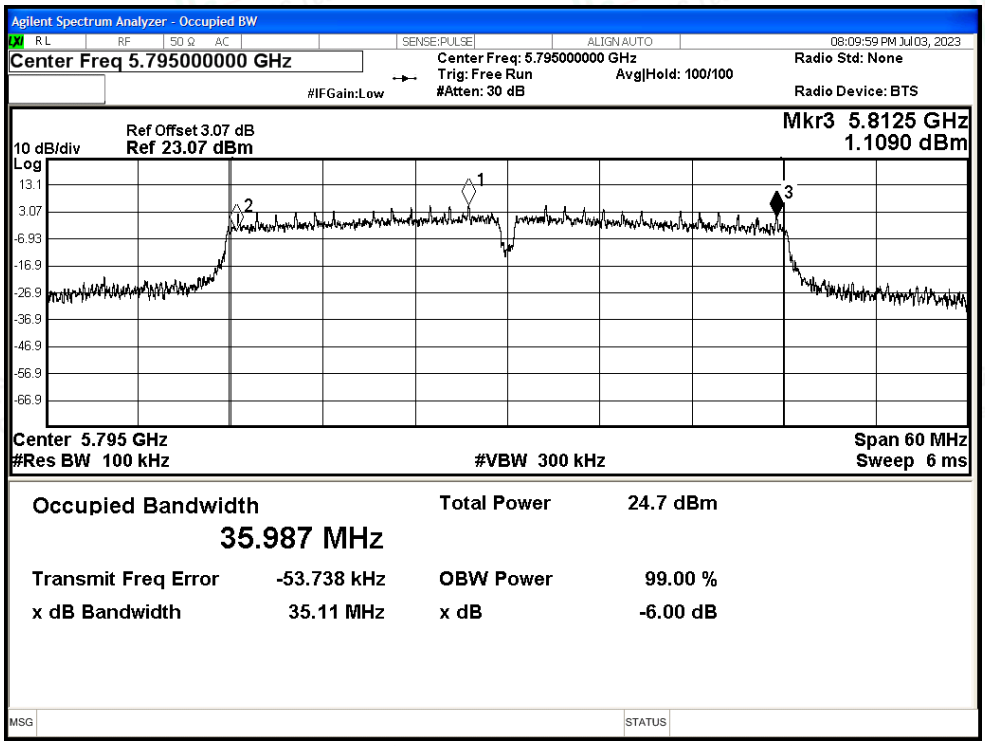
-6dB Bandwidth NVNT ac20 5825MHz Ant0



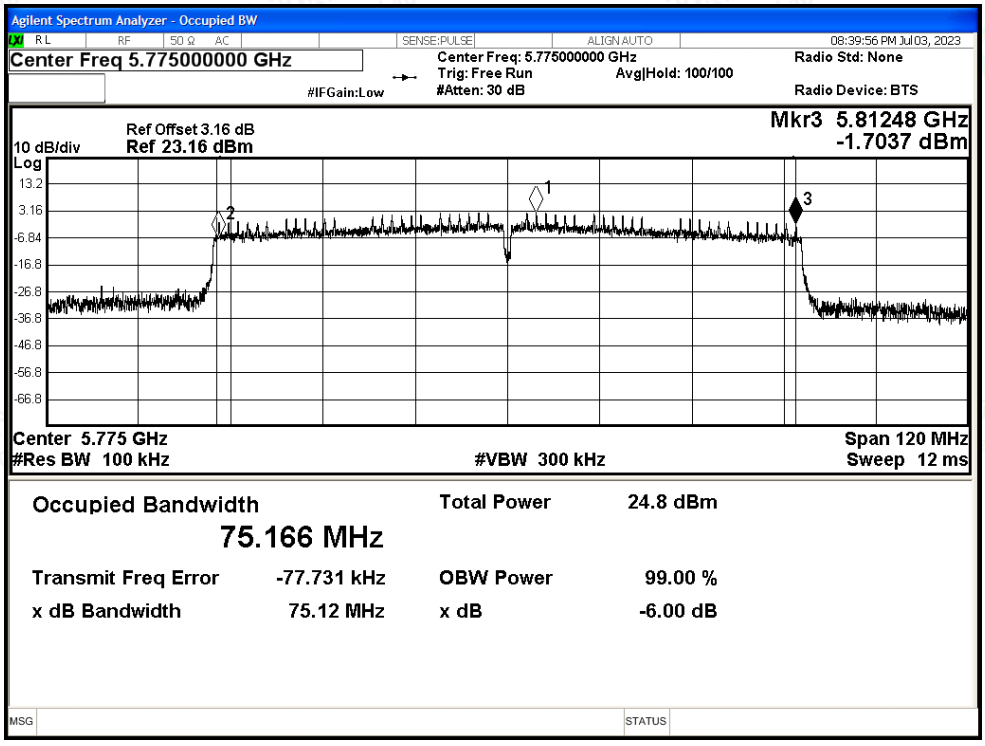
-6dB Bandwidth NVNT ac40 5755MHz Ant0



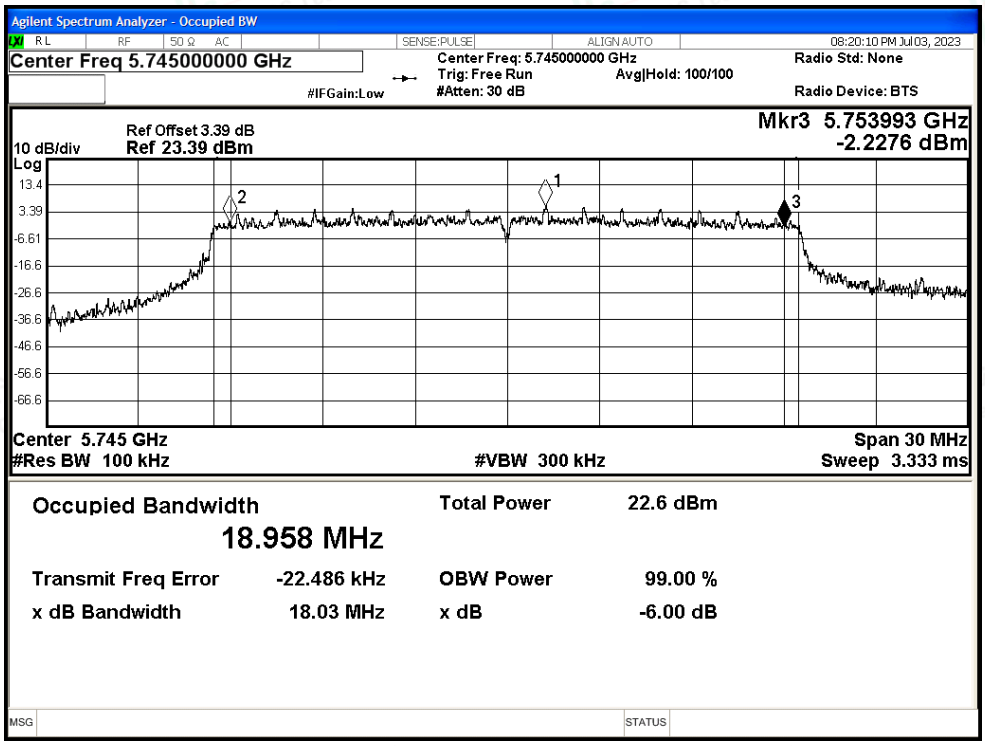
-6dB Bandwidth NVNT ac40 5795MHz Ant0



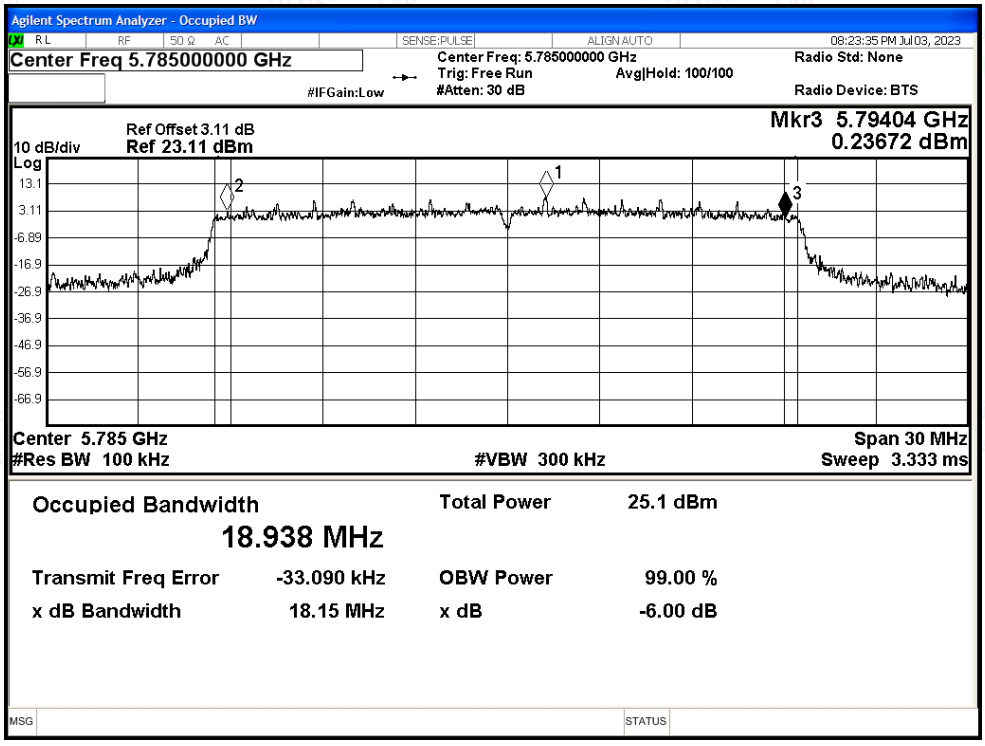
-6dB Bandwidth NVNT ac80 5775MHz Ant0



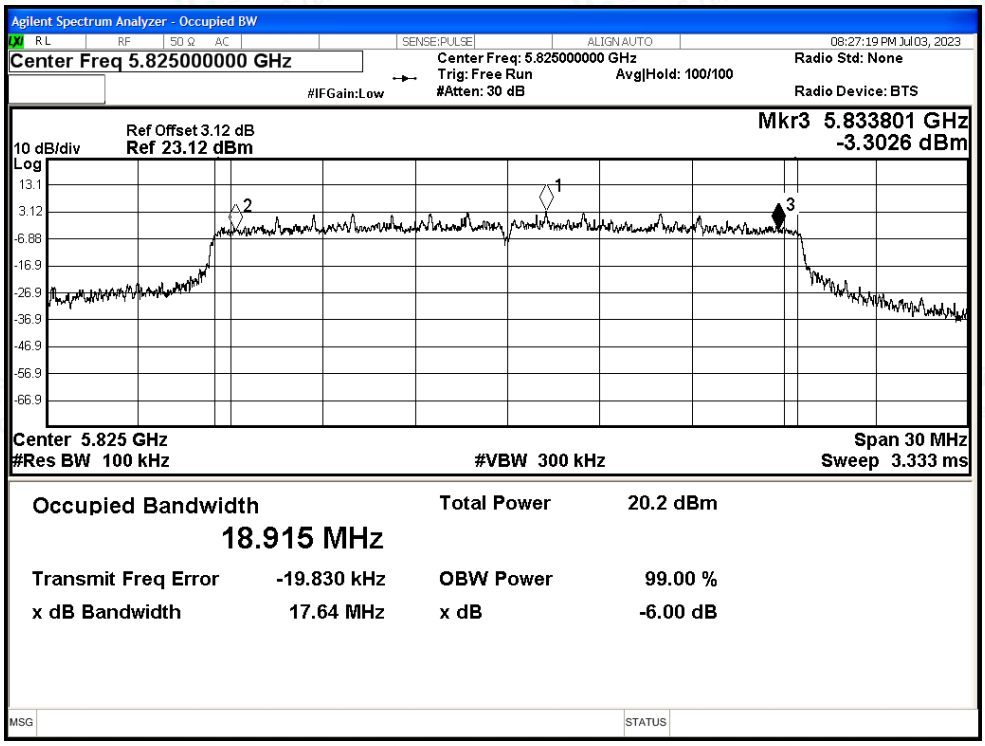
-6dB Bandwidth NVNT ax20 5745MHz Ant0



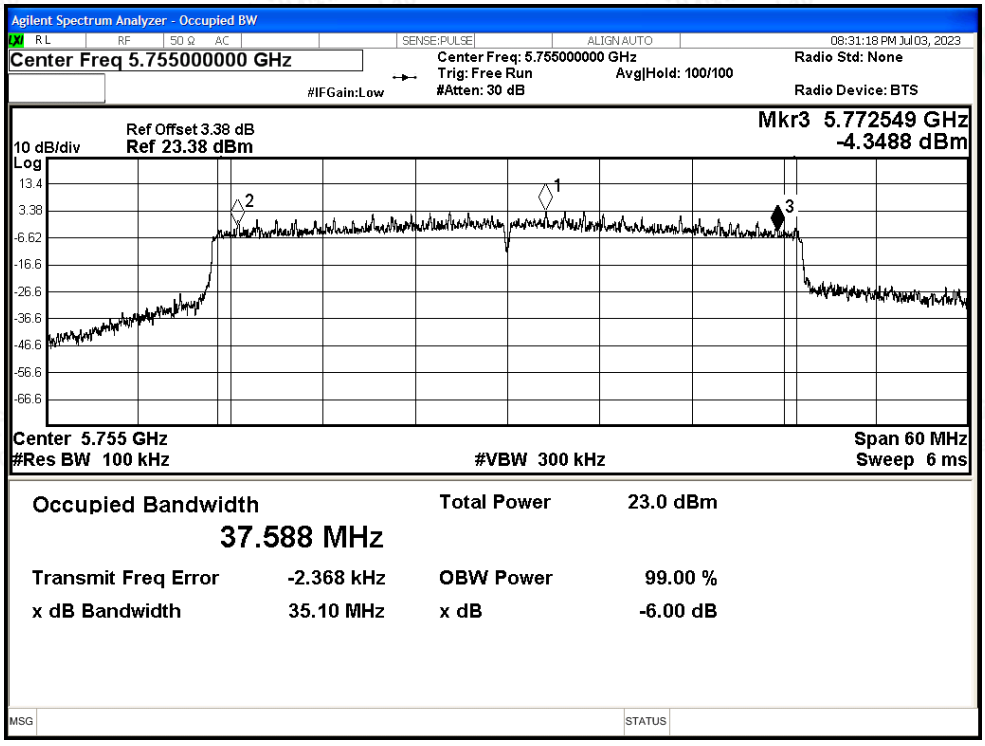
-6dB Bandwidth NVNT ax20 5785MHz Ant0



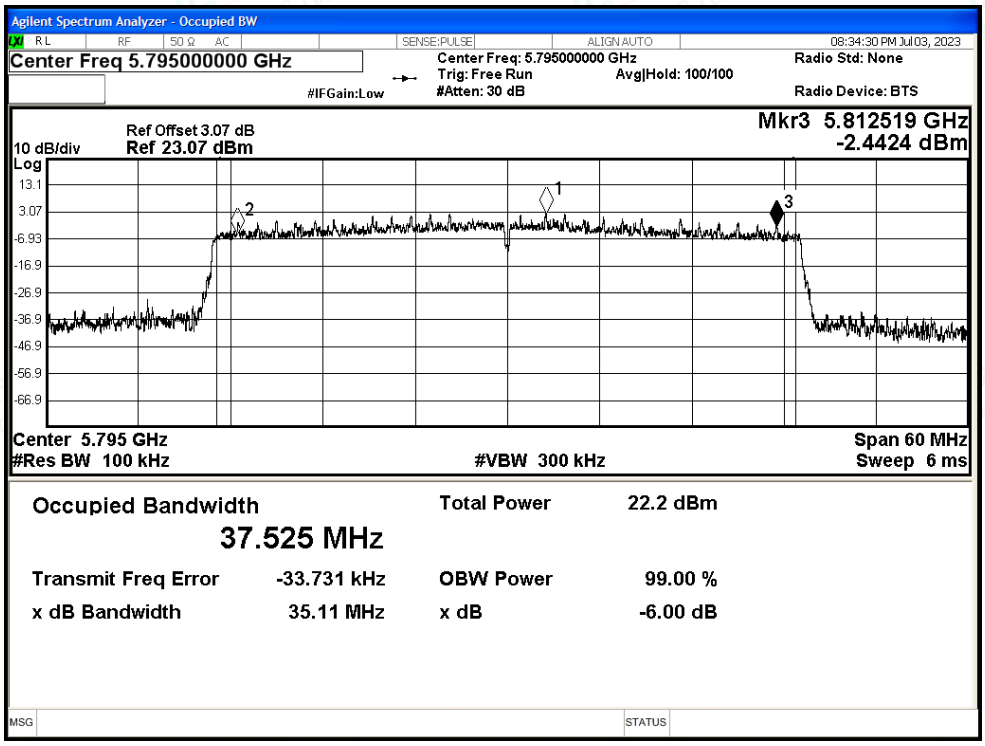
-6dB Bandwidth NVNT ax20 5825MHz Ant0



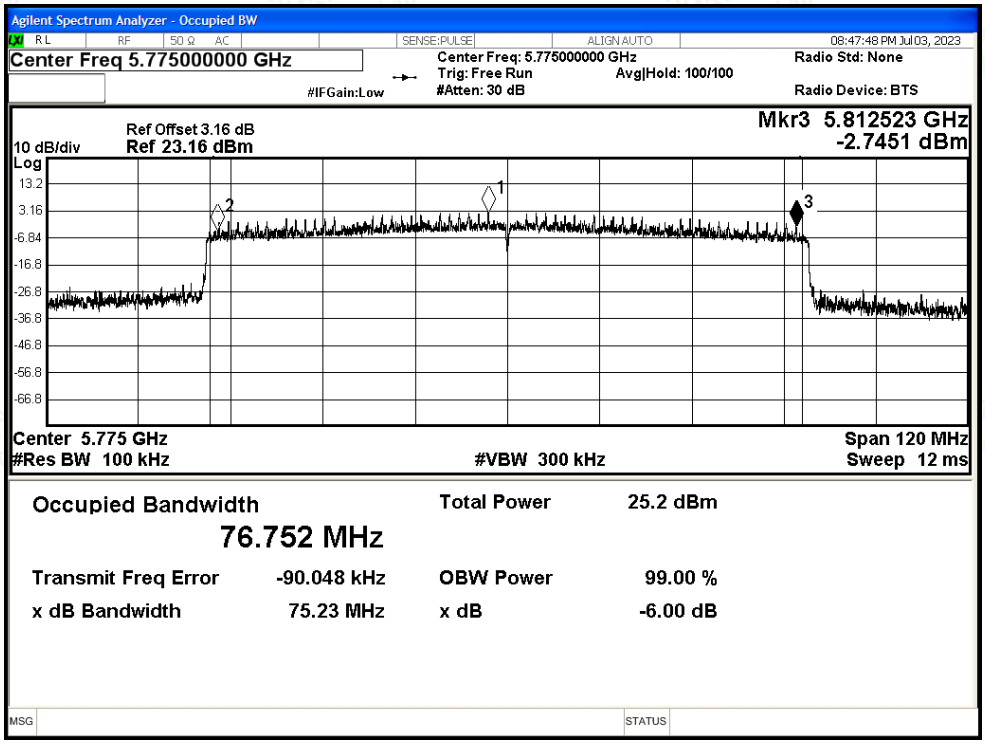
-6dB Bandwidth NVNT ax40 5755MHz Ant0



-6dB Bandwidth NVNT ax40 5795MHz Ant0



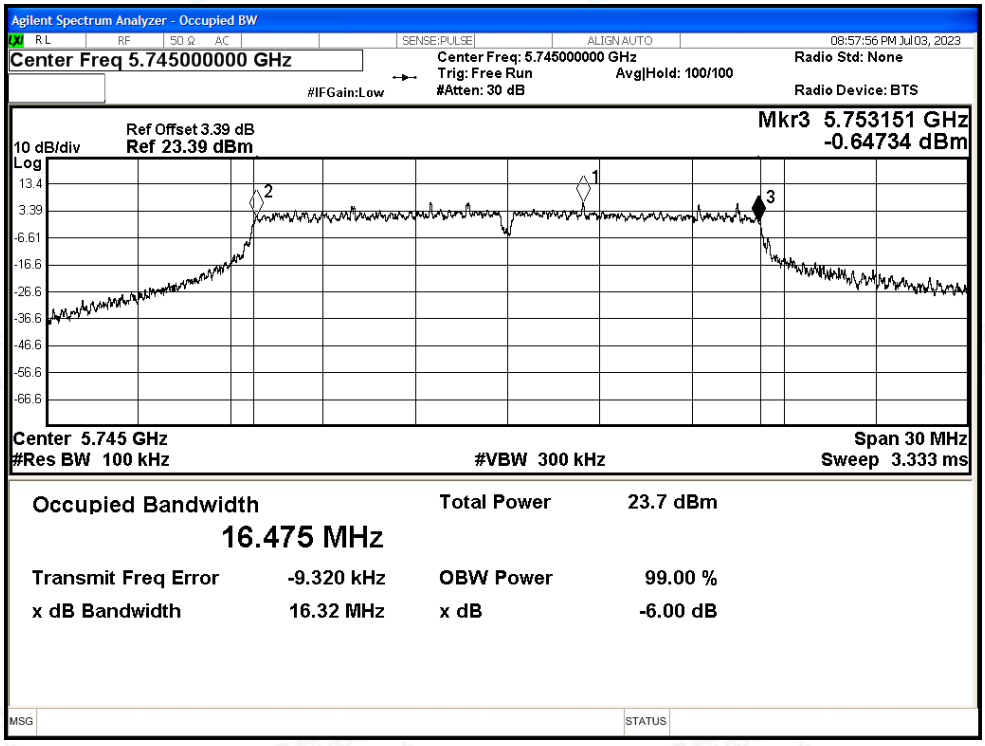
-6dB Bandwidth NVNT ax80 5775MHz Ant0



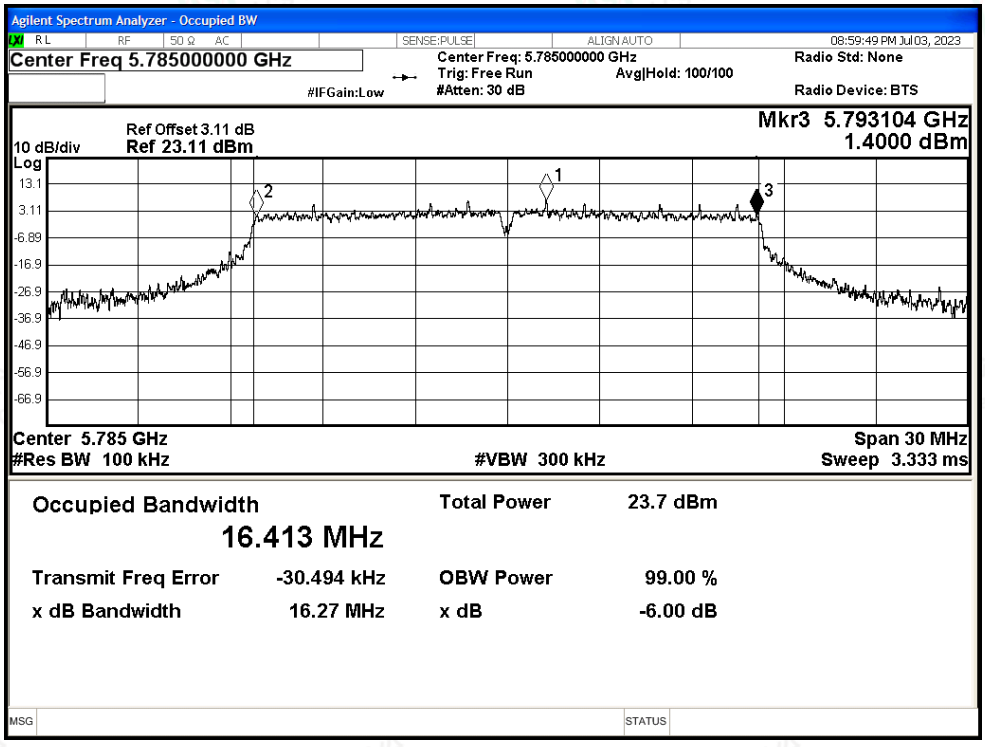
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.32	>=0.5	Pass
NVNT	a	5785	Ant1	16.269	>=0.5	Pass
NVNT	a	5825	Ant1	16.321	>=0.5	Pass
NVNT	n20	5745	Ant1	17.518	>=0.5	Pass
NVNT	n20	5785	Ant1	17.536	>=0.5	Pass
NVNT	n20	5825	Ant1	17.577	>=0.5	Pass
NVNT	n40	5755	Ant1	35.098	>=0.5	Pass
NVNT	n40	5795	Ant1	35.095	>=0.5	Pass
NVNT	ac20	5745	Ant1	17.542	>=0.5	Pass
NVNT	ac20	5785	Ant1	17.538	>=0.5	Pass
NVNT	ac20	5825	Ant1	17.324	>=0.5	Pass
NVNT	ac40	5755	Ant1	35.291	>=0.5	Pass
NVNT	ac40	5795	Ant1	35.05	>=0.5	Pass
NVNT	ac80	5775	Ant1	75.094	>=0.5	Pass
NVNT	ax20	5745	Ant1	18.579	>=0.5	Pass
NVNT	ax20	5785	Ant1	18.219	>=0.5	Pass
NVNT	ax20	5825	Ant1	18.597	>=0.5	Pass
NVNT	ax40	5755	Ant1	35.042	>=0.5	Pass
NVNT	ax40	5795	Ant1	36.521	>=0.5	Pass
NVNT	ax80	5775	Ant1	75.079	>=0.5	Pass

Test Graphs

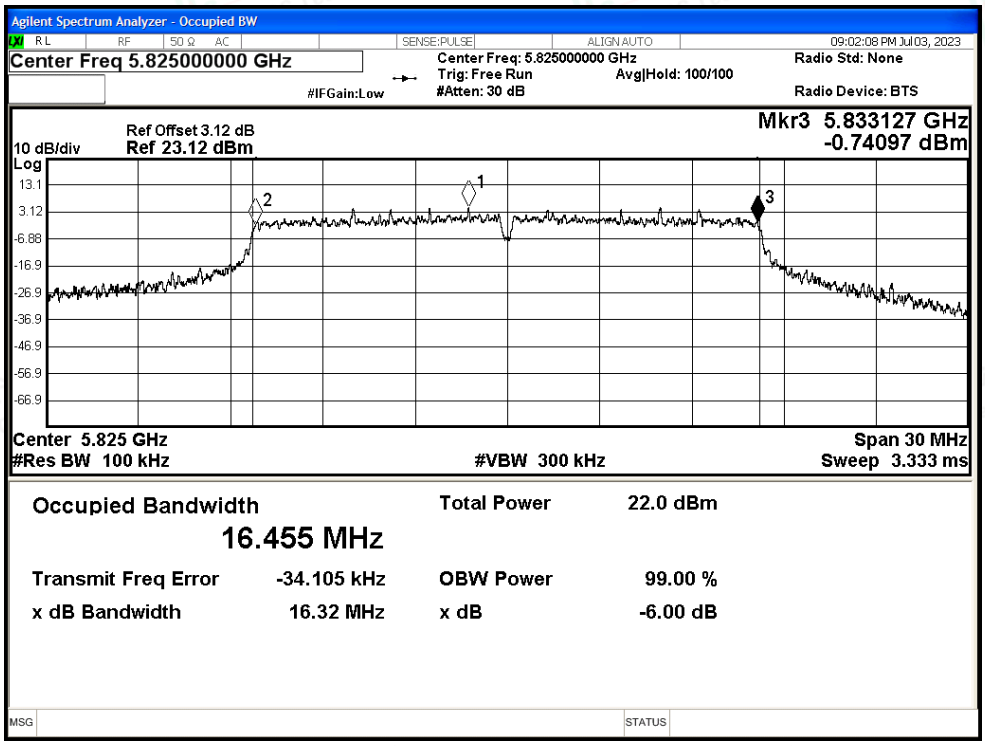
-6dB Bandwidth NVNT a 5745MHz Ant1



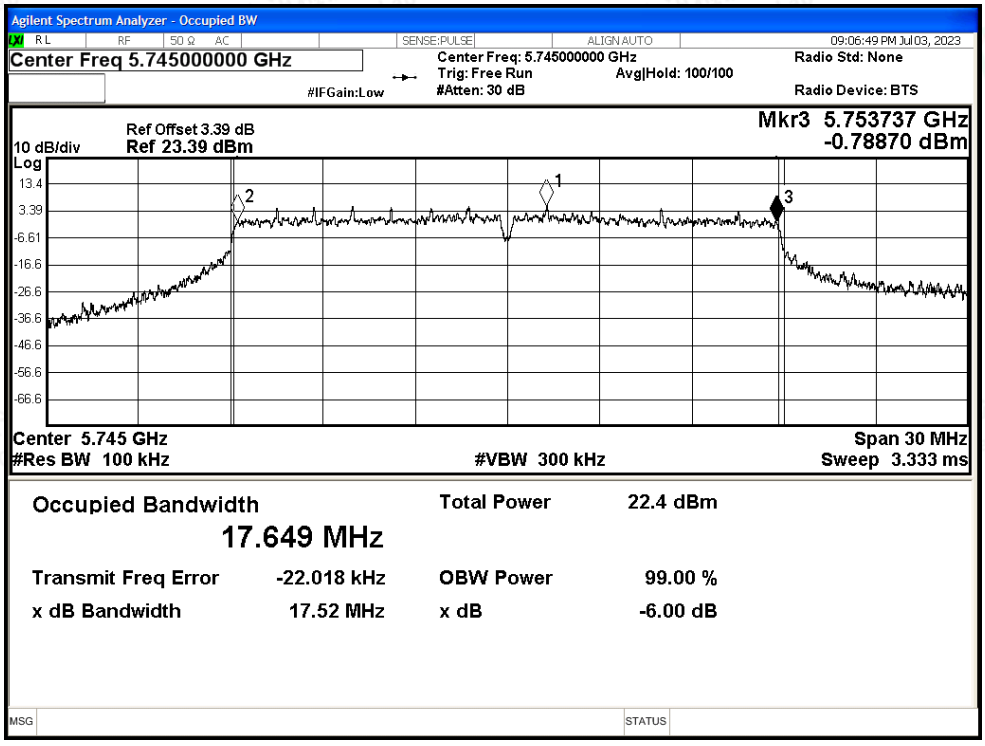
-6dB Bandwidth NVNT a 5785MHz Ant1



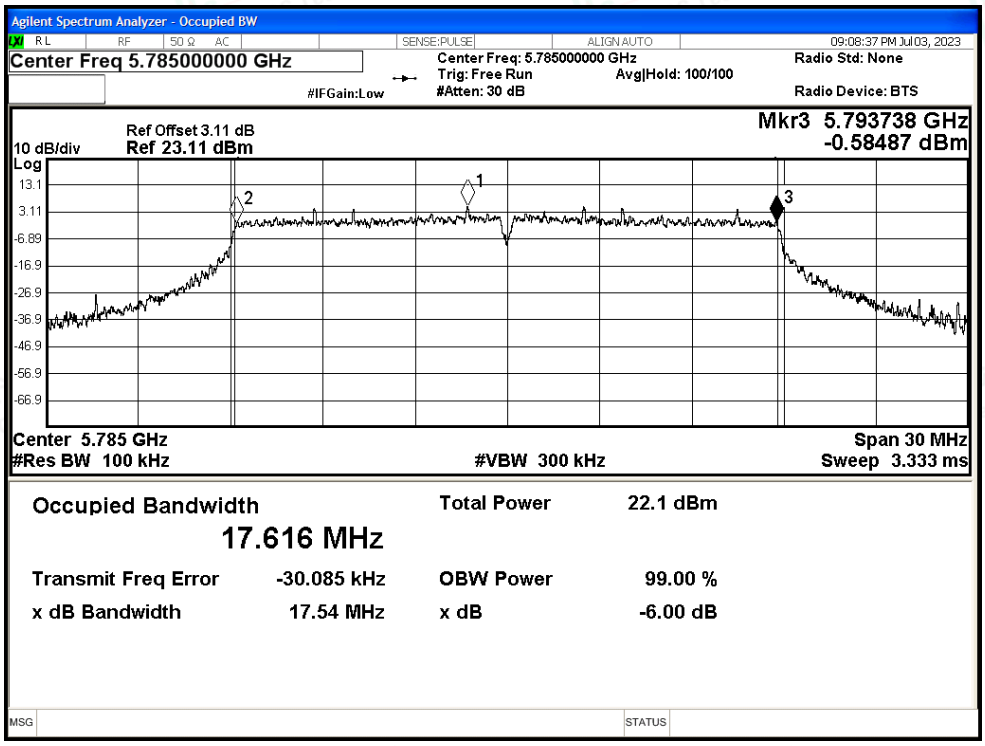
-6dB Bandwidth NVNT a 5825MHz Ant1



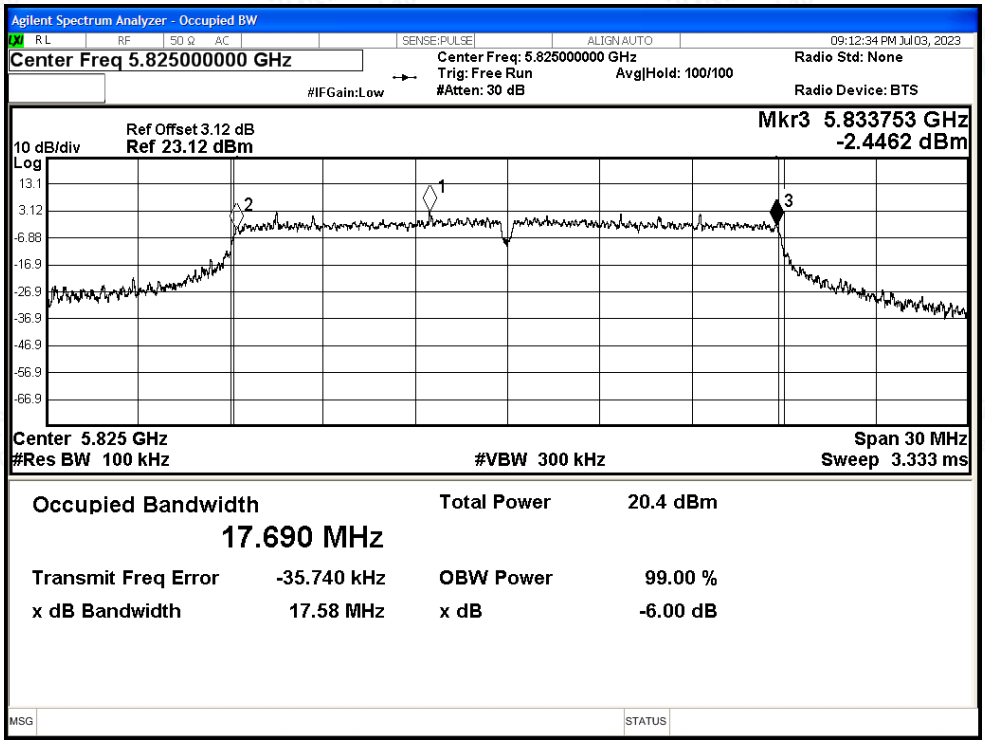
-6dB Bandwidth NVNT n20 5745MHz Ant1



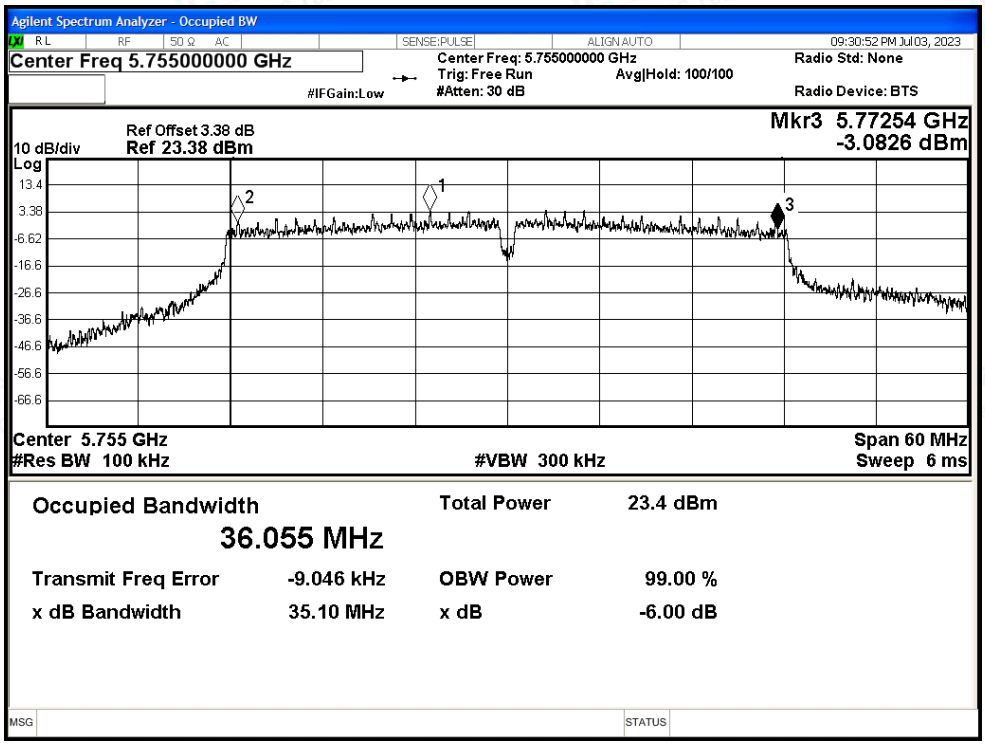
-6dB Bandwidth NVNT n20 5785MHz Ant1



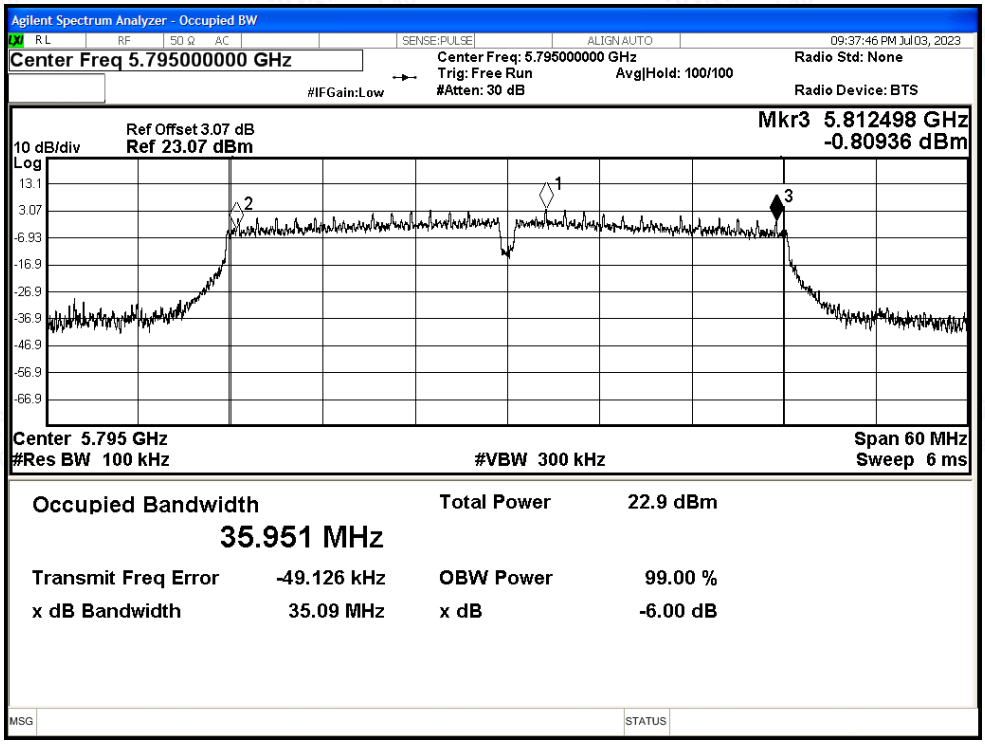
-6dB Bandwidth NVNT n20 5825MHz Ant1



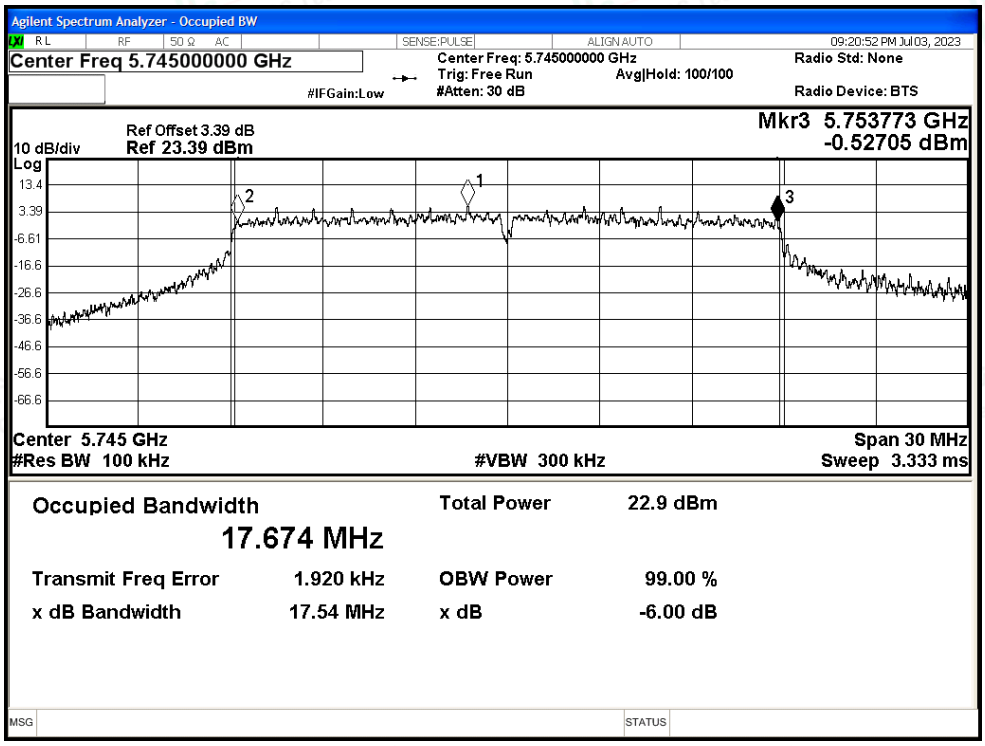
-6dB Bandwidth NVNT n40 5755MHz Ant1



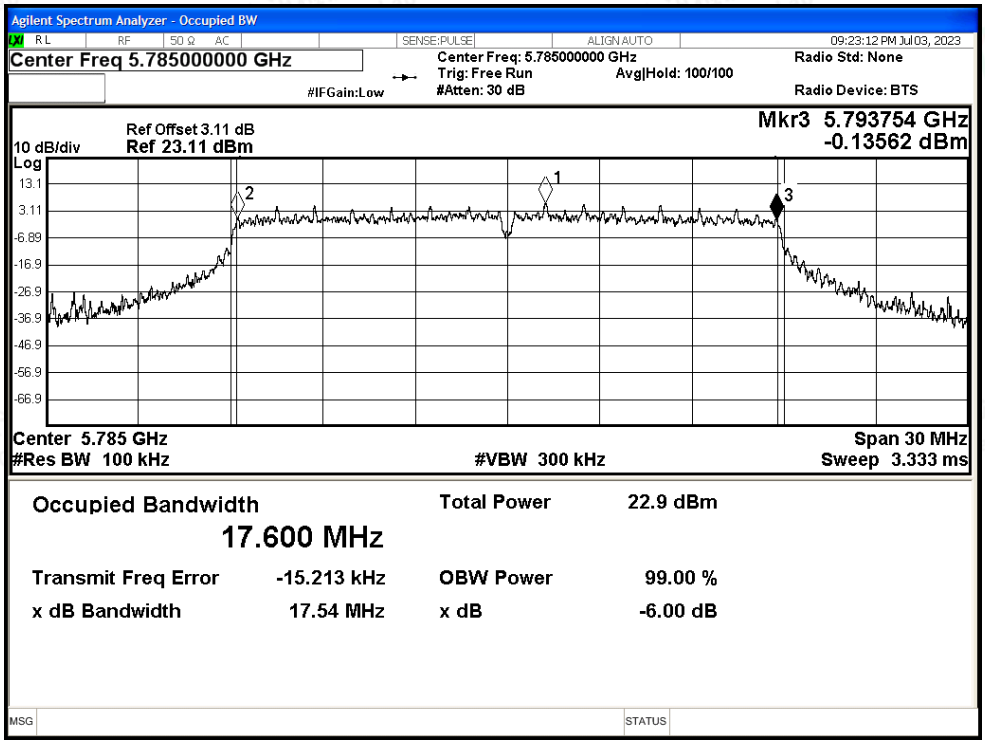
-6dB Bandwidth NVNT n40 5795MHz Ant1



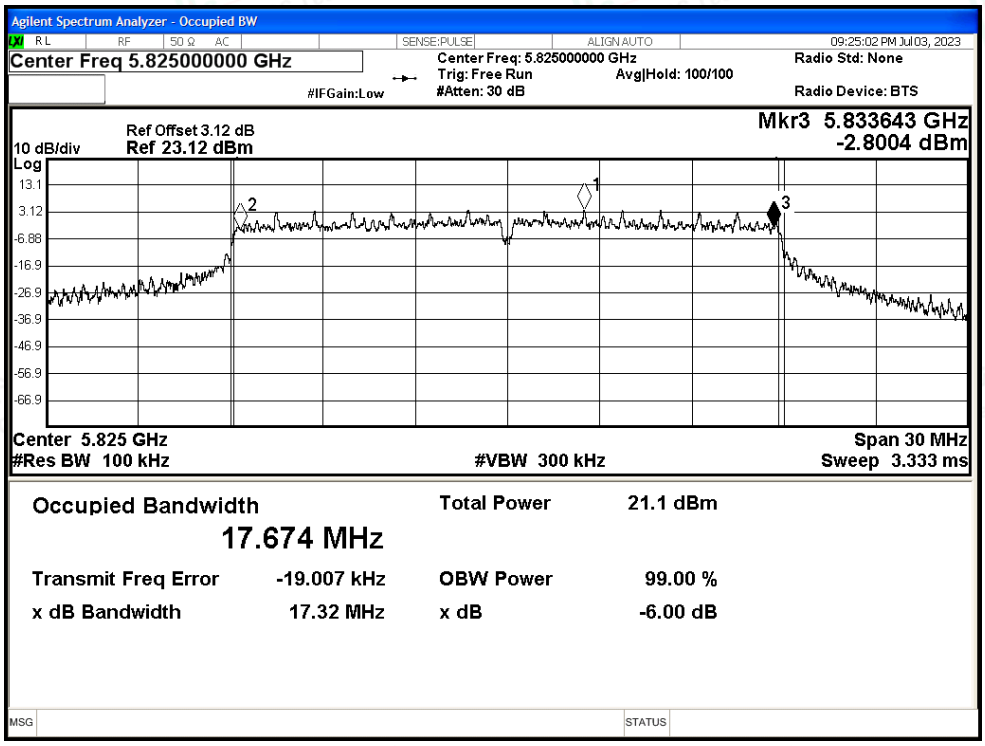
-6dB Bandwidth NVNT ac20 5745MHz Ant1



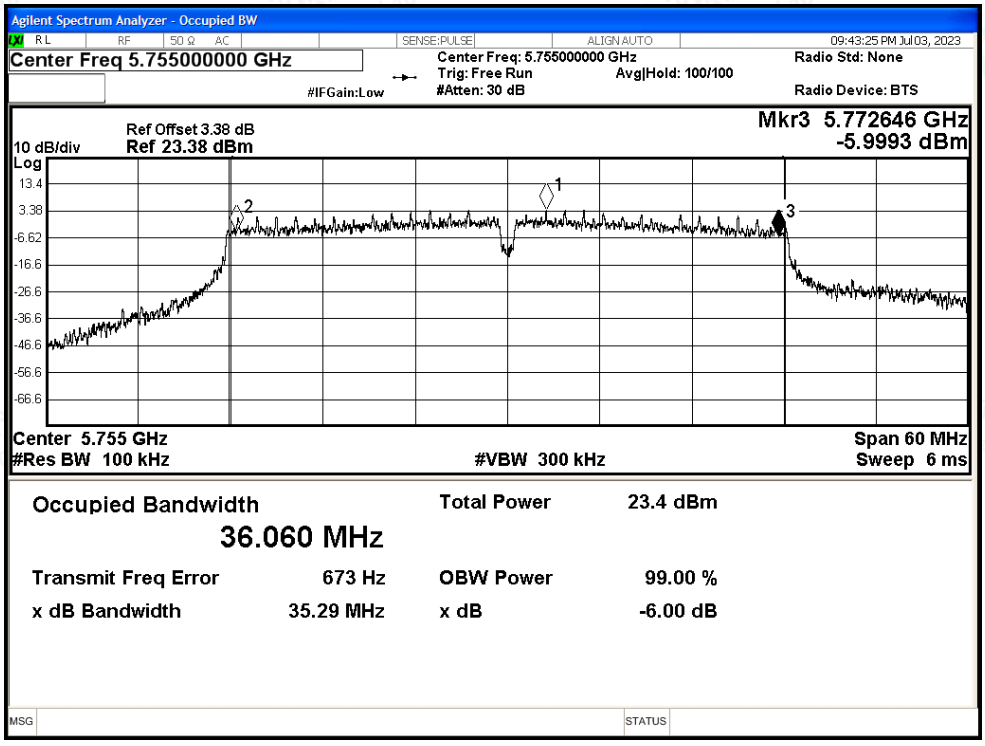
-6dB Bandwidth NVNT ac20 5785MHz Ant1



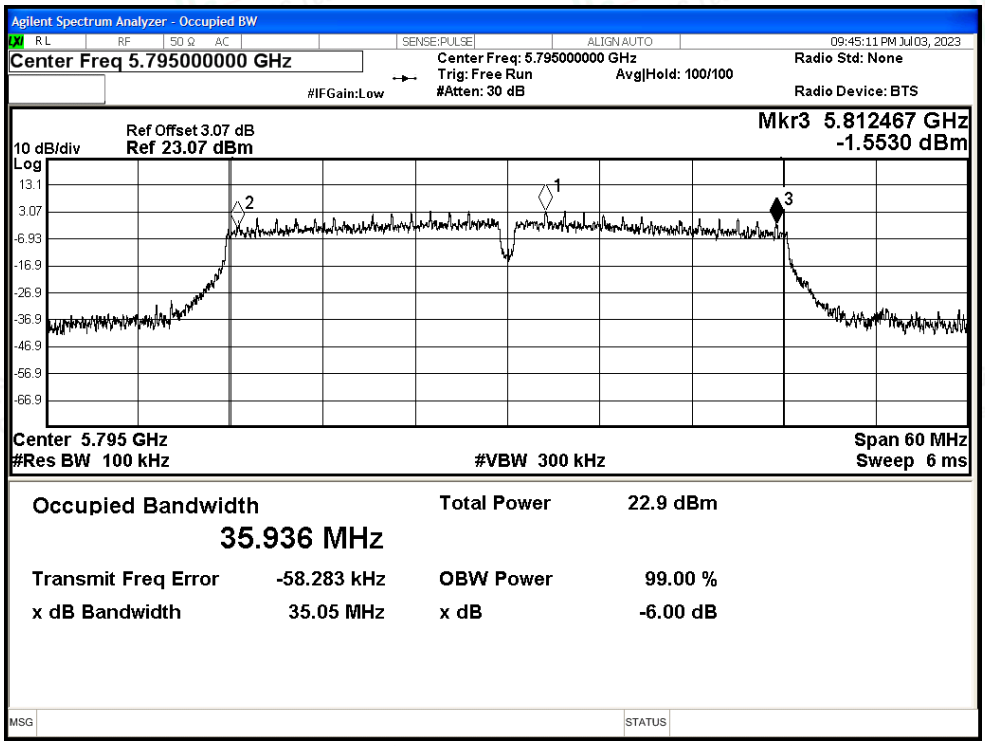
-6dB Bandwidth NVNT ac20 5825MHz Ant1



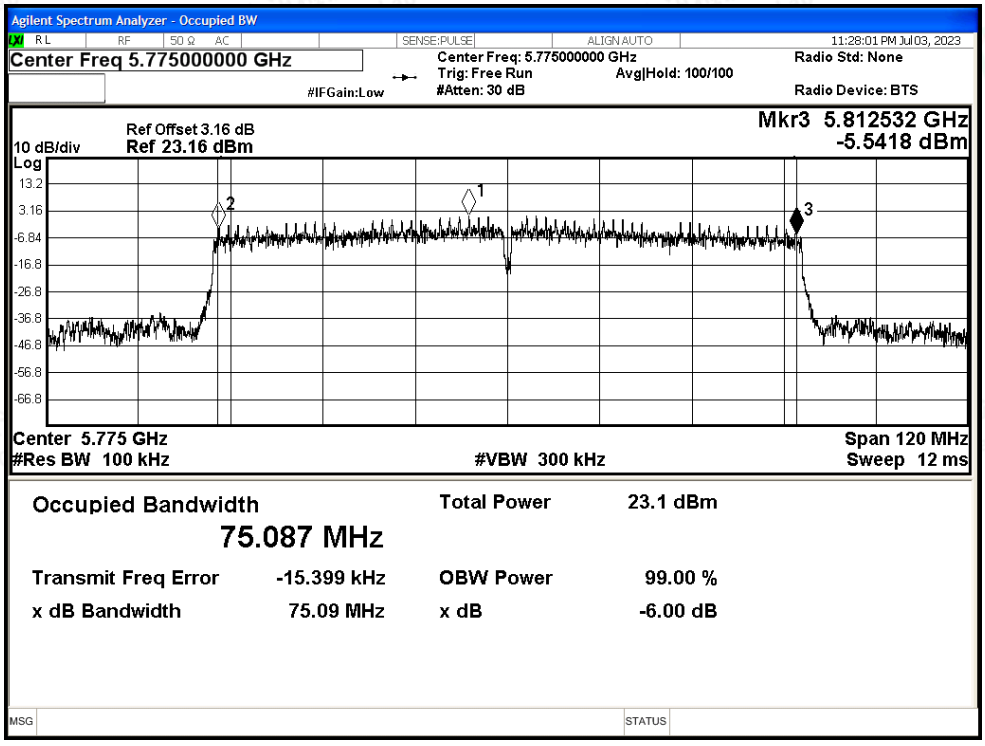
-6dB Bandwidth NVNT ac40 5755MHz Ant1



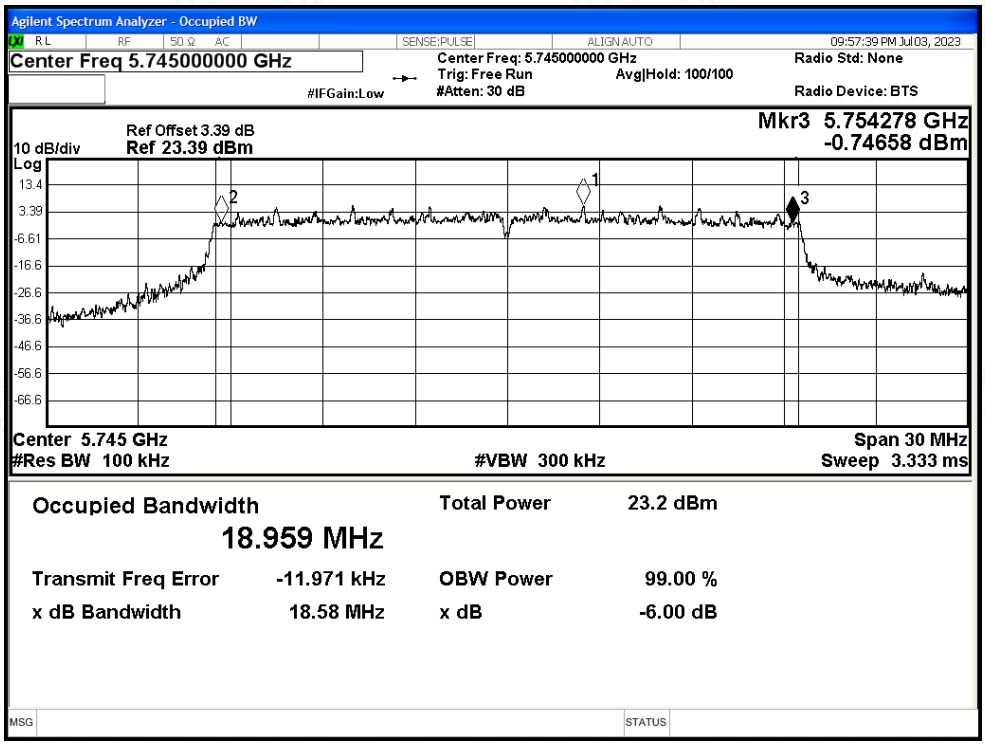
-6dB Bandwidth NVNT ac40 5795MHz Ant1



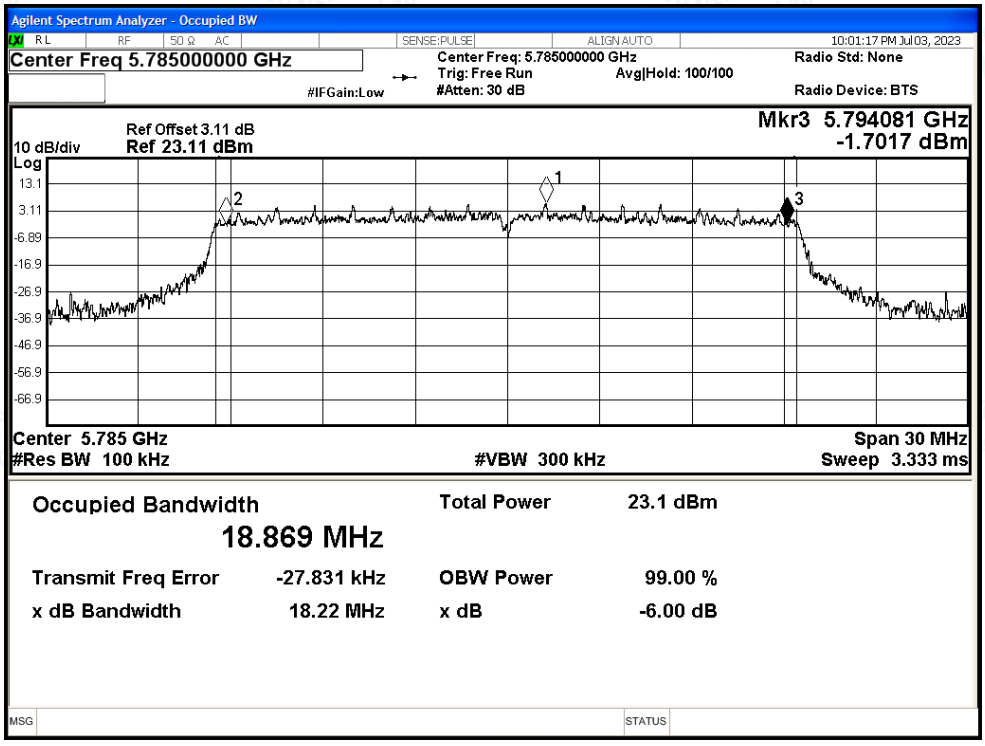
-6dB Bandwidth NVNT ac80 5775MHz Ant1



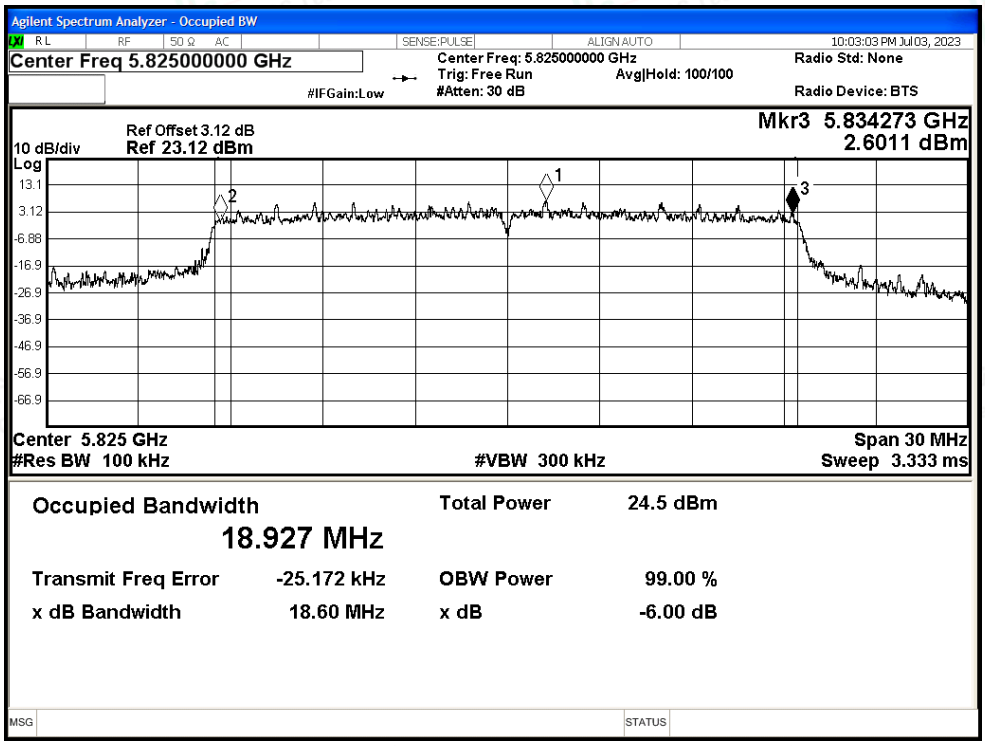
-6dB Bandwidth NVNT ax20 5745MHz Ant1



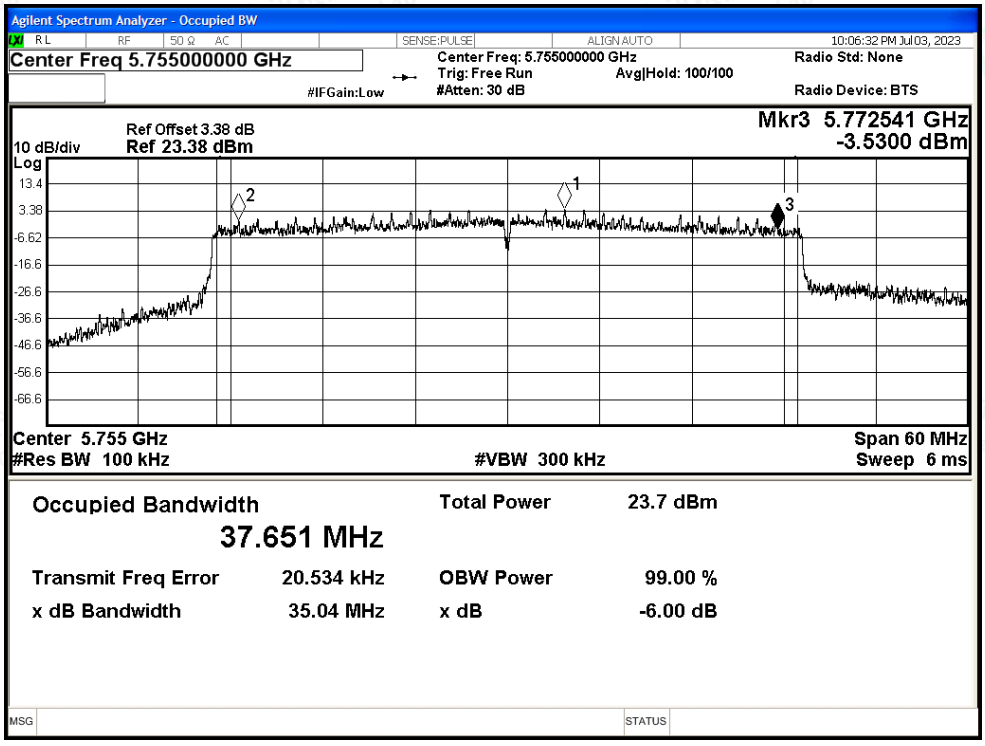
-6dB Bandwidth NVNT ax20 5785MHz Ant1



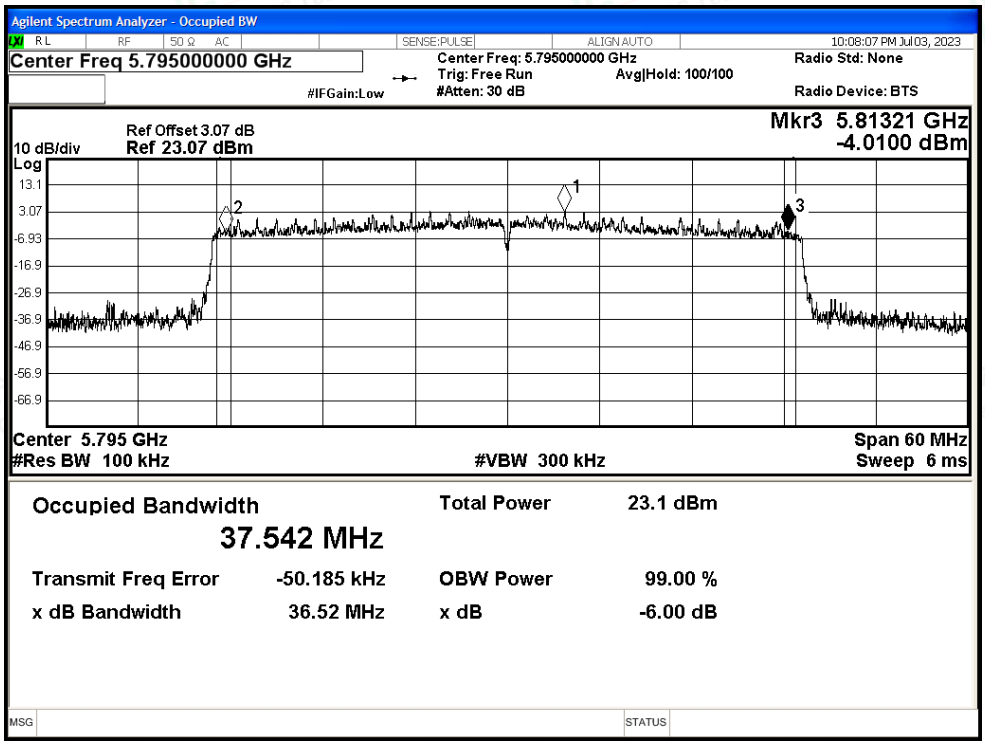
-6dB Bandwidth NVNT ax20 5825MHz Ant1



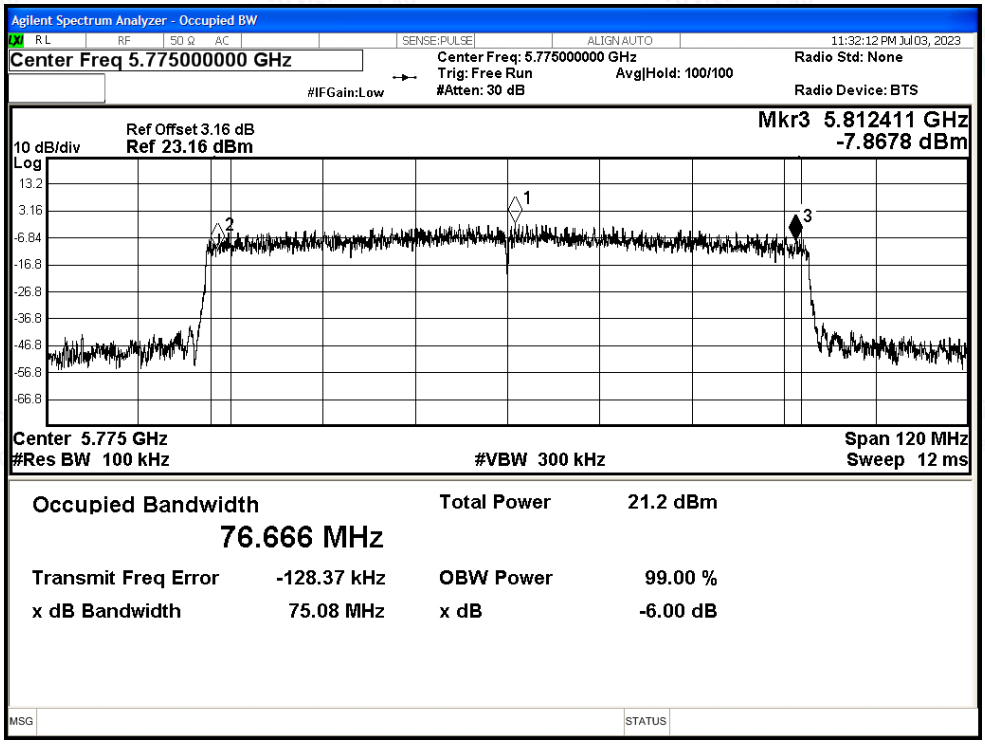
-6dB Bandwidth NVNT ax40 5755MHz Ant1



-6dB Bandwidth NVNT ax40 5795MHz Ant1



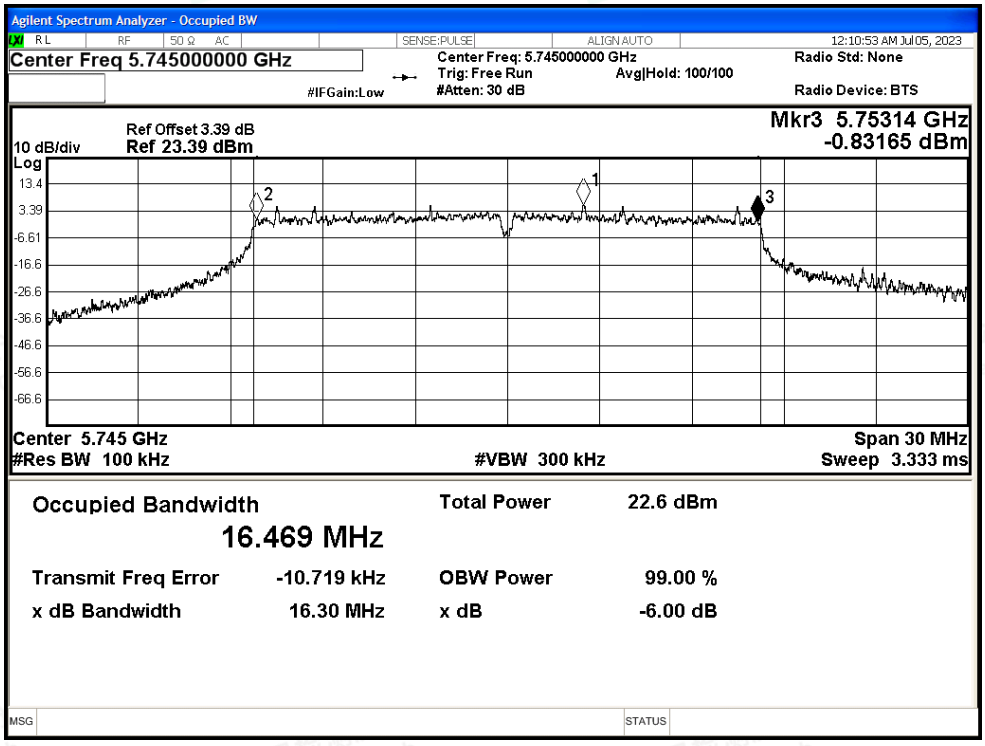
-6dB Bandwidth NVNT ax80 5775MHz Ant1



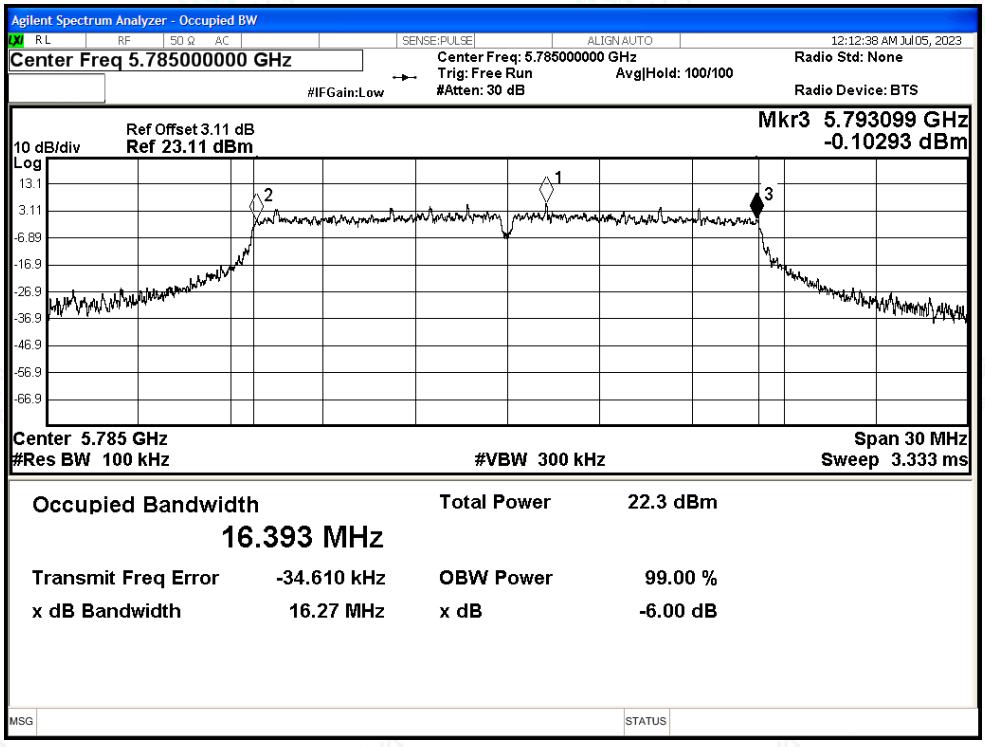
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant2	16.301	>=0.5	Pass
NVNT	a	5785	Ant2	16.267	>=0.5	Pass
NVNT	a	5825	Ant2	16.01	>=0.5	Pass
NVNT	n20	5745	Ant2	16.312	>=0.5	Pass
NVNT	n20	5785	Ant2	16.319	>=0.5	Pass
NVNT	n20	5825	Ant2	16.321	>=0.5	Pass
NVNT	n40	5755	Ant2	35.11	>=0.5	Pass
NVNT	n40	5795	Ant2	35.081	>=0.5	Pass
NVNT	ac20	5745	Ant2	17.538	>=0.5	Pass
NVNT	ac20	5785	Ant2	17.254	>=0.5	Pass
NVNT	ac20	5825	Ant2	15.72	>=0.5	Pass
NVNT	ac40	5755	Ant2	35.108	>=0.5	Pass
NVNT	ac40	5795	Ant2	35.092	>=0.5	Pass
NVNT	ac80	5775	Ant2	75.087	>=0.5	Pass
NVNT	ax20	5745	Ant2	17.518	>=0.5	Pass
NVNT	ax20	5785	Ant2	18.445	>=0.5	Pass
NVNT	ax20	5825	Ant2	17.911	>=0.5	Pass
NVNT	ax40	5755	Ant2	36.049	>=0.5	Pass
NVNT	ax40	5795	Ant2	36.216	>=0.5	Pass
NVNT	ax80	5775	Ant2	75.094	>=0.5	Pass

Test Graphs

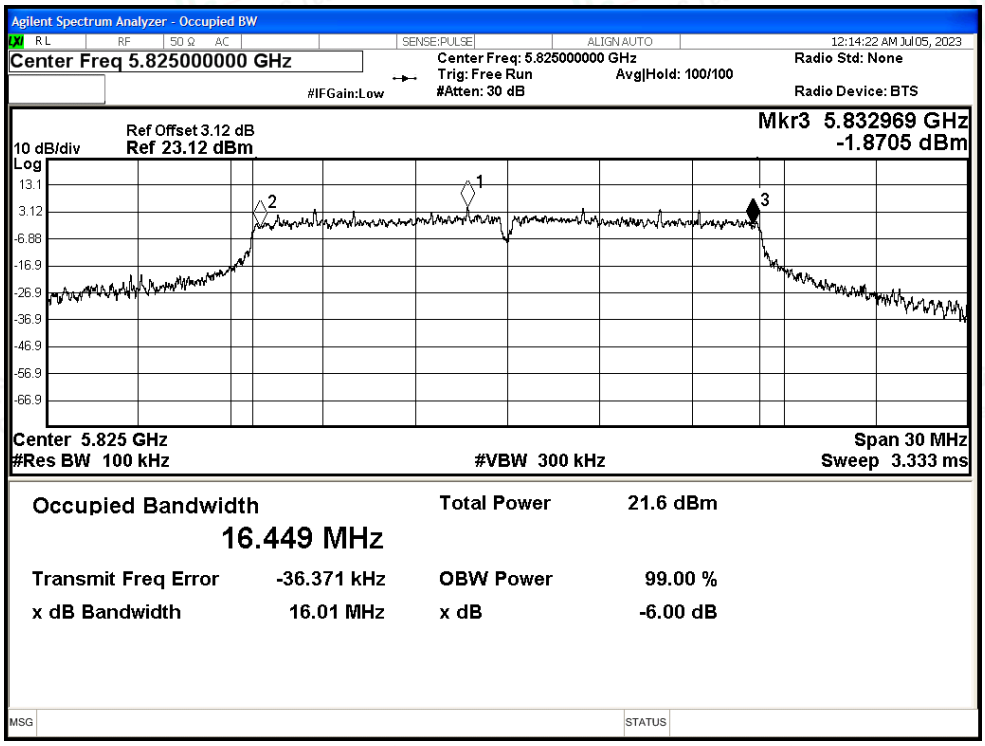
-6dB Bandwidth NVNT a 5745MHz Ant2



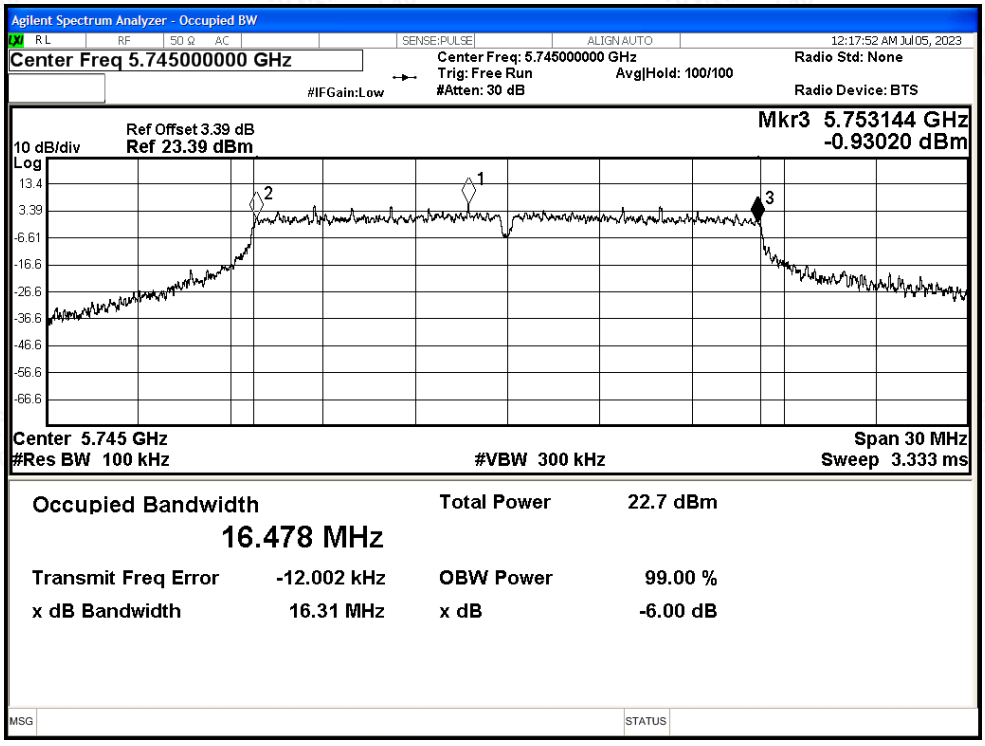
-6dB Bandwidth NVNT a 5785MHz Ant2



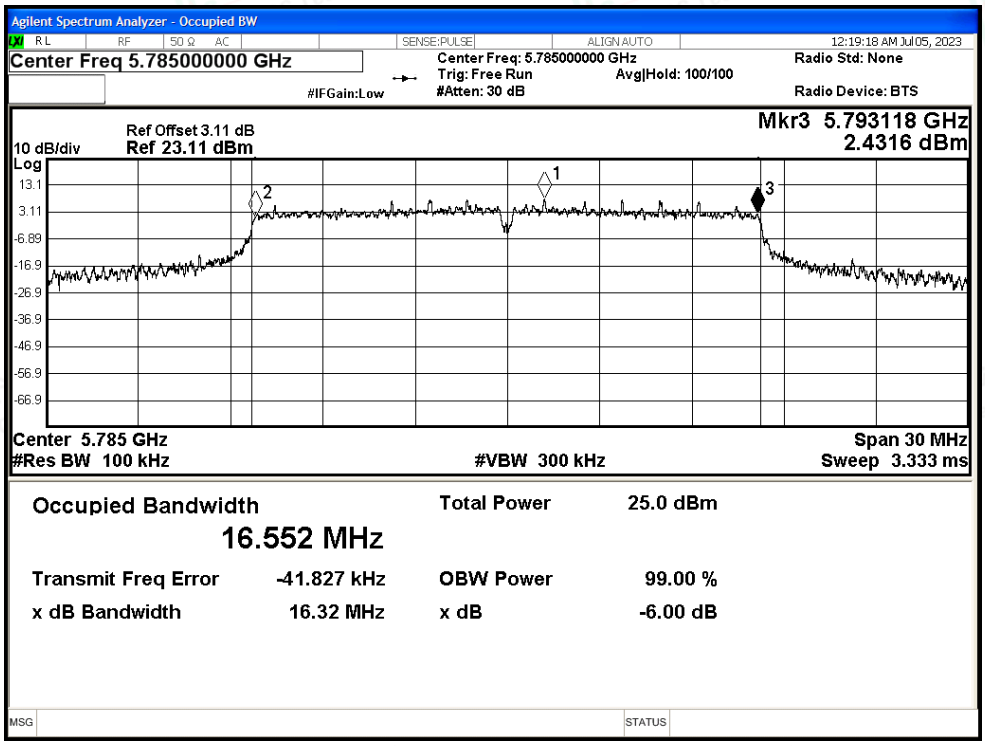
-6dB Bandwidth NVNT a 5825MHz Ant2



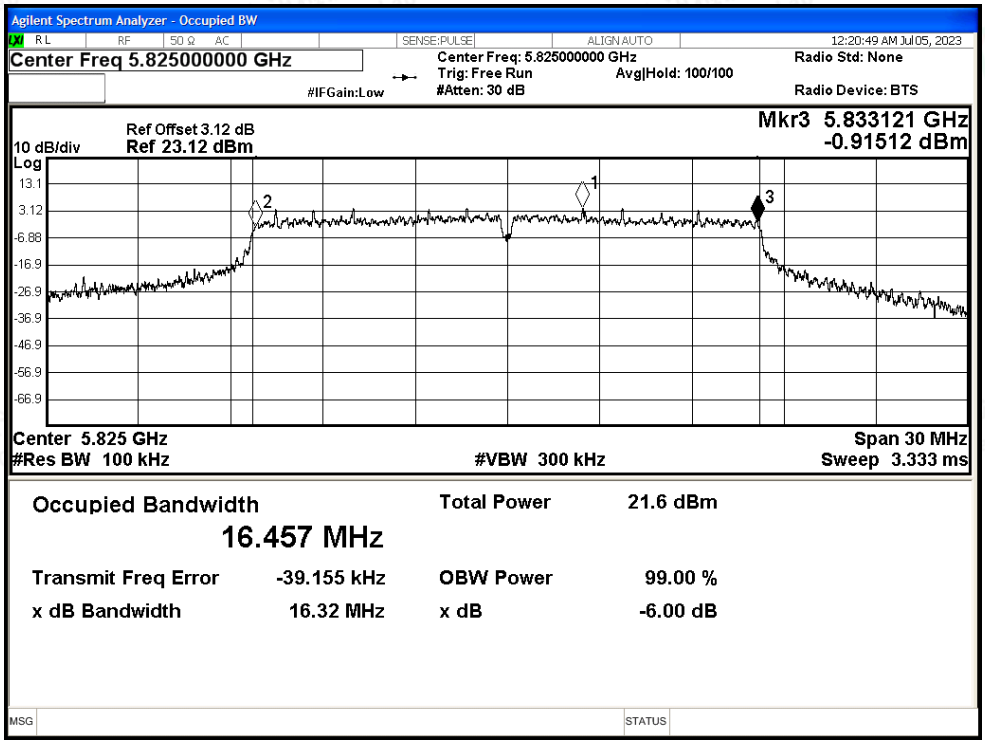
-6dB Bandwidth NVNT n20 5745MHz Ant2



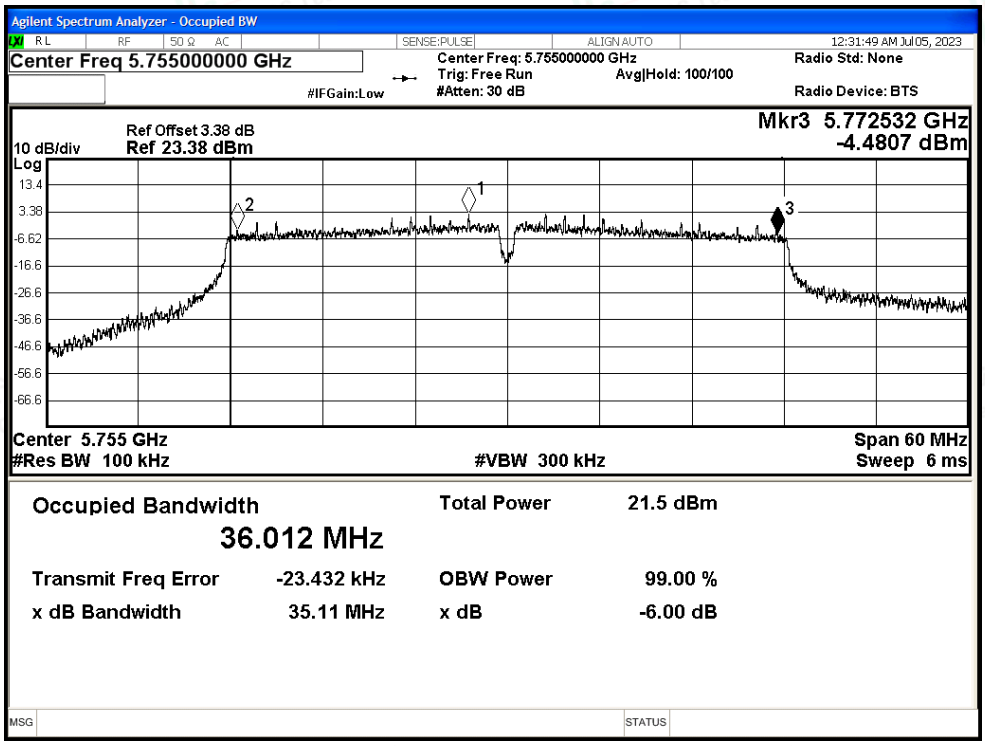
-6dB Bandwidth NVNT n20 5785MHz Ant2



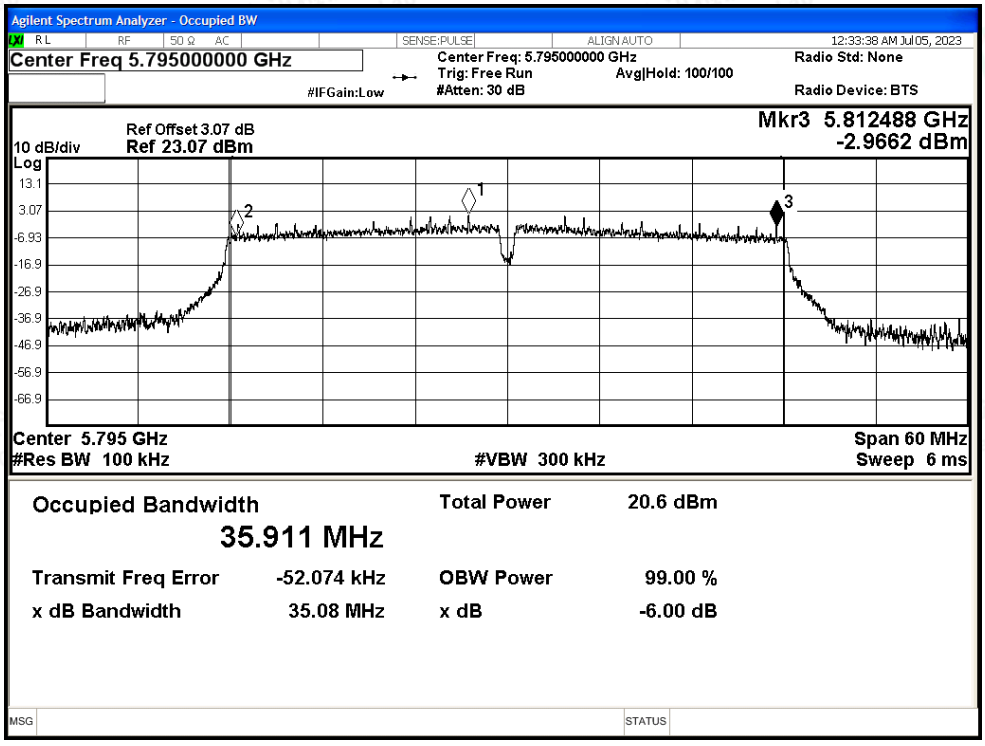
-6dB Bandwidth NVNT n20 5825MHz Ant2



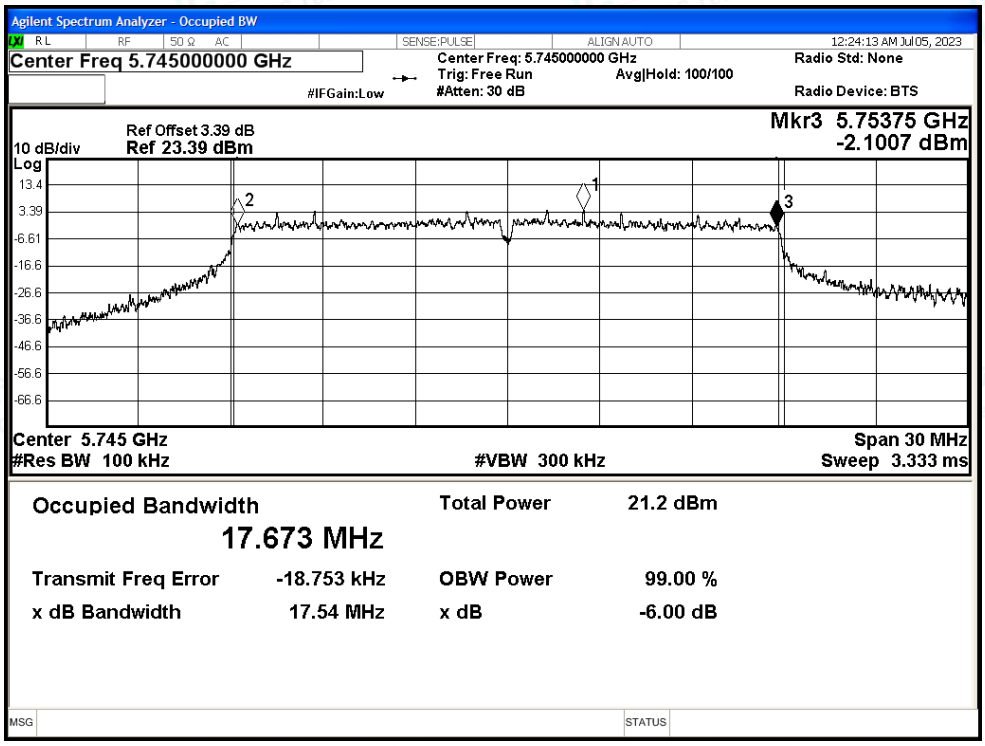
-6dB Bandwidth NVNT n40 5755MHz Ant2



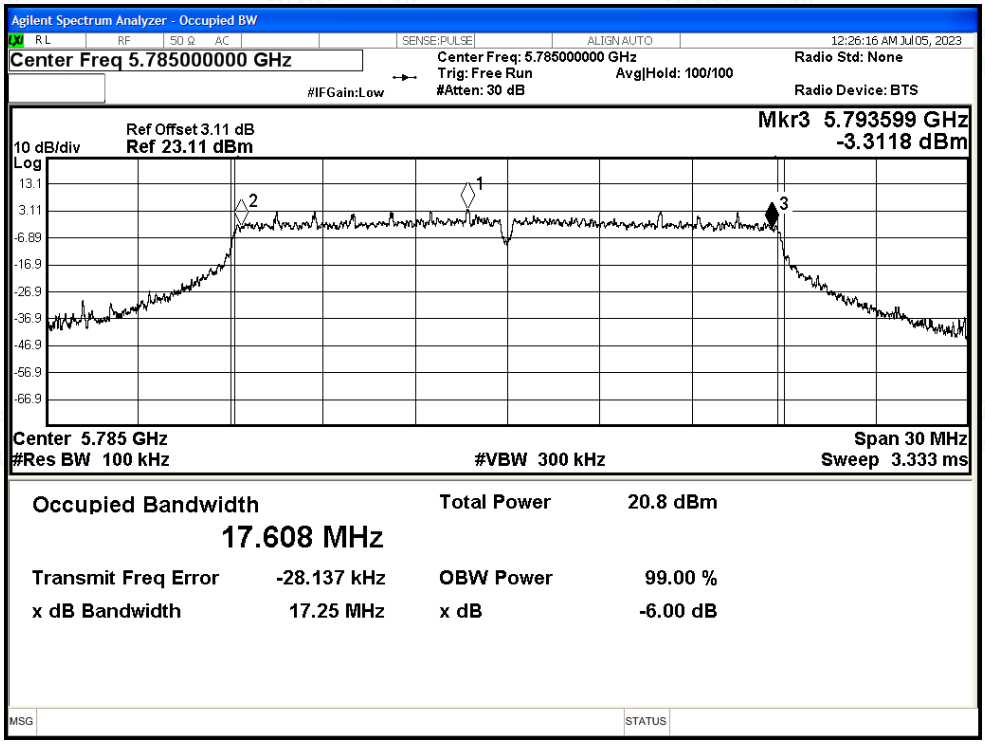
-6dB Bandwidth NVNT n40 5795MHz Ant2



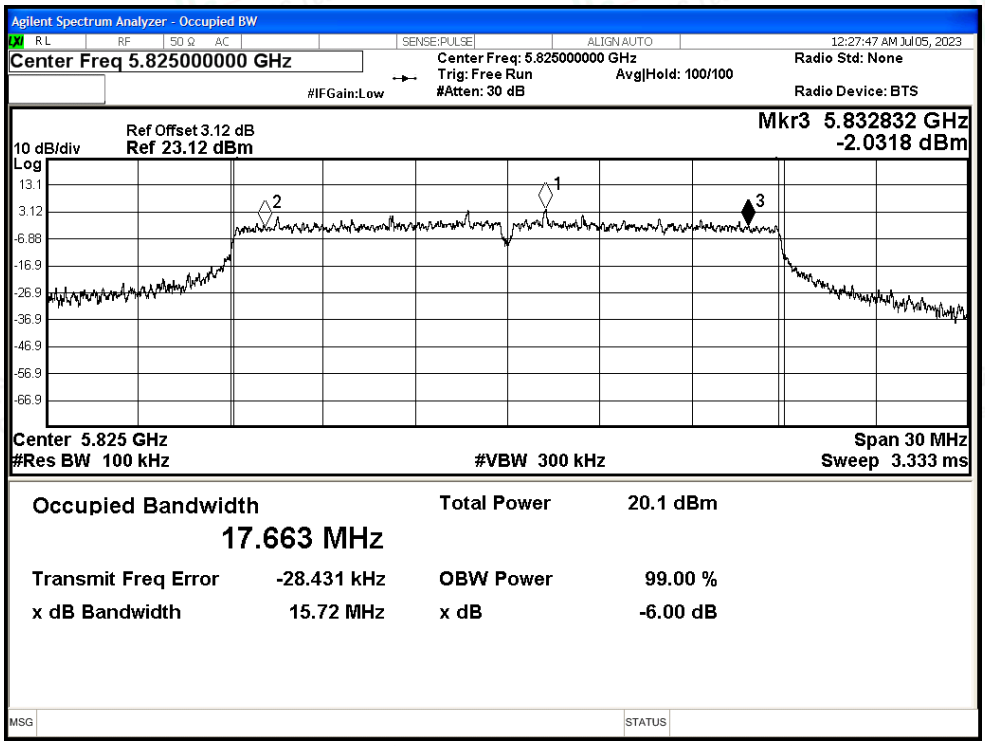
-6dB Bandwidth NVNT ac20 5745MHz Ant2



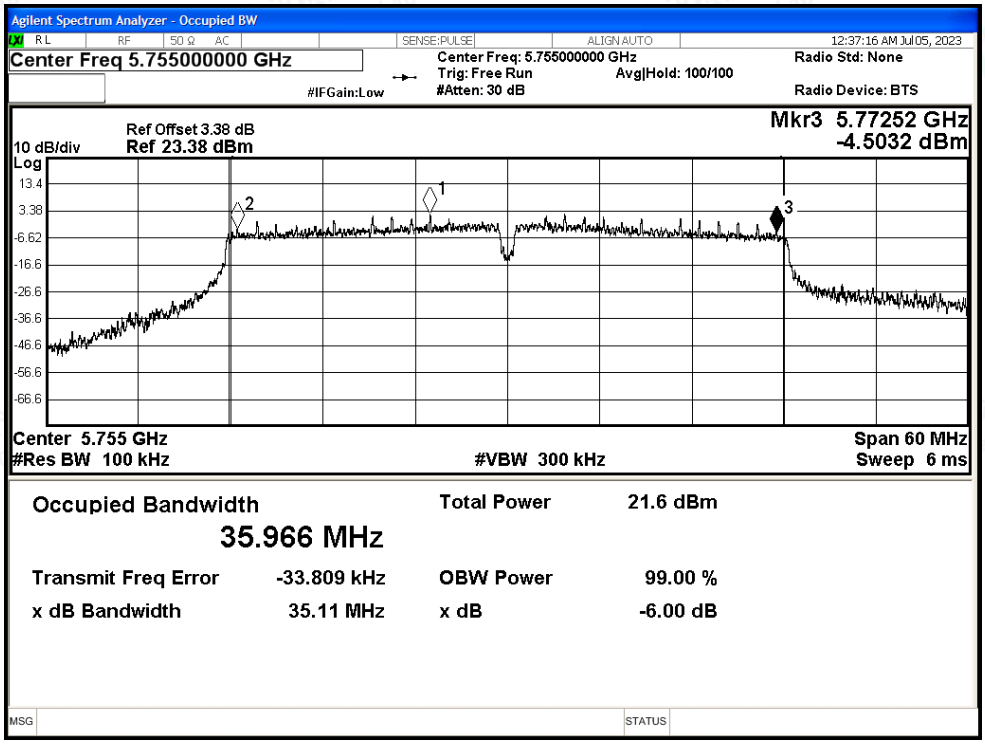
-6dB Bandwidth NVNT ac20 5785MHz Ant2



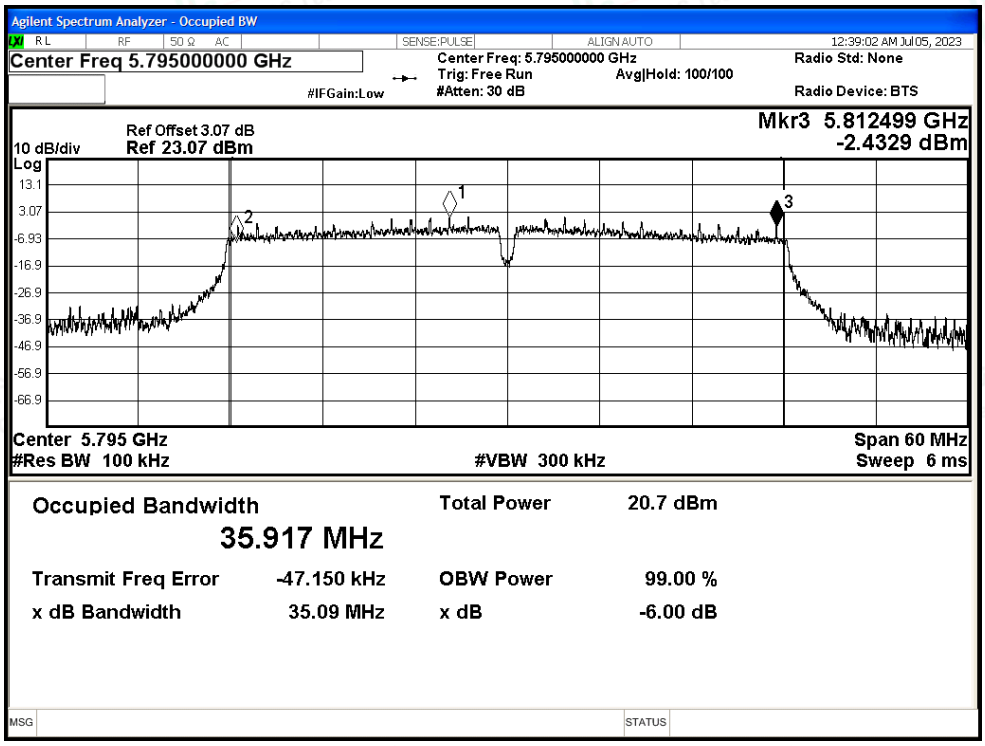
-6dB Bandwidth NVNT ac20 5825MHz Ant2



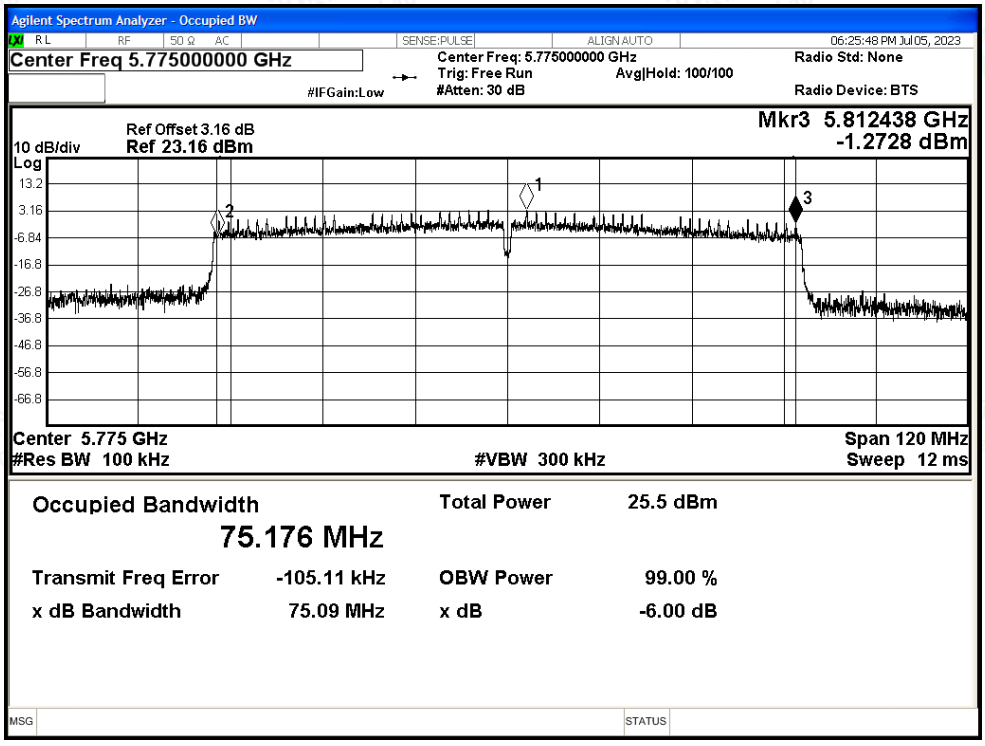
-6dB Bandwidth NVNT ac40 5755MHz Ant2



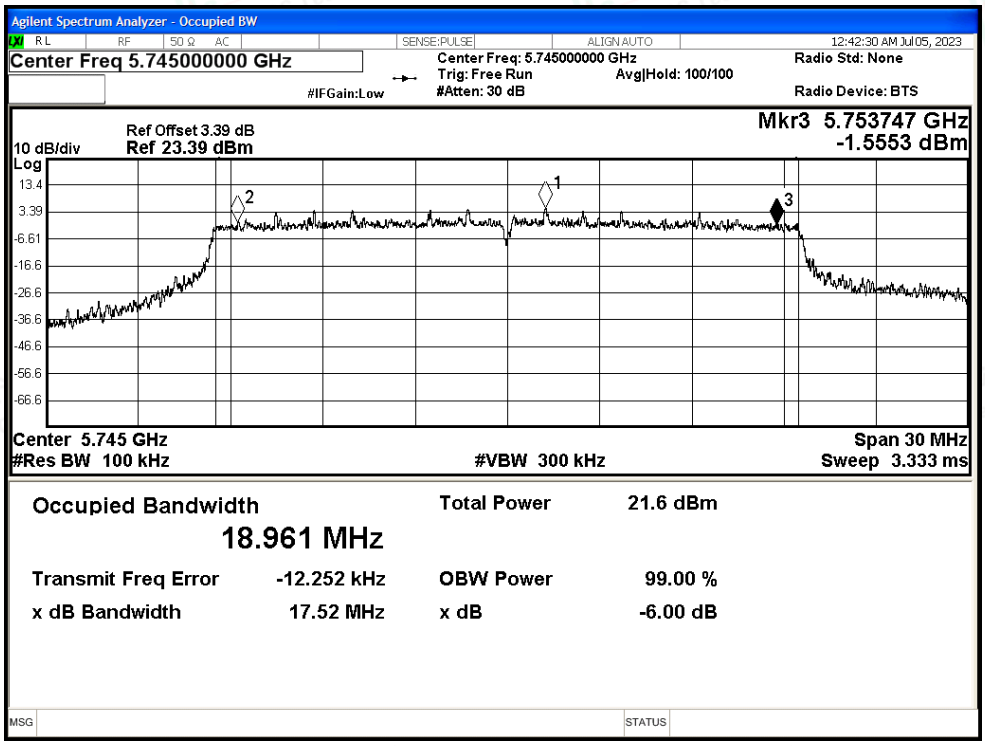
-6dB Bandwidth NVNT ac40 5795MHz Ant2



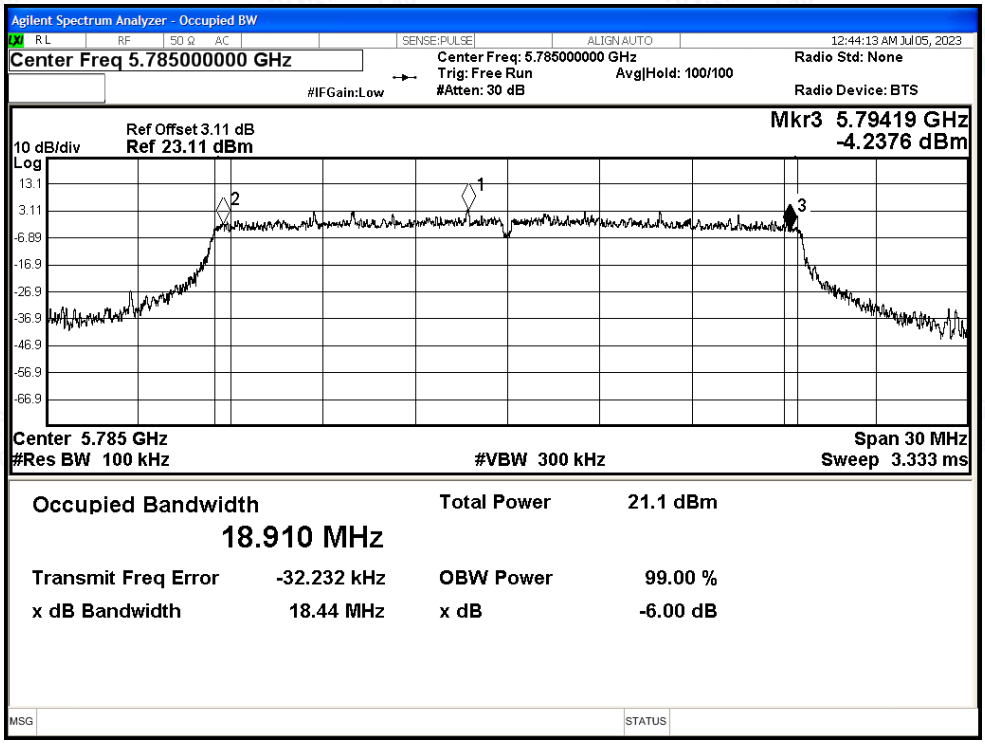
-6dB Bandwidth NVNT ac80 5775MHz Ant2



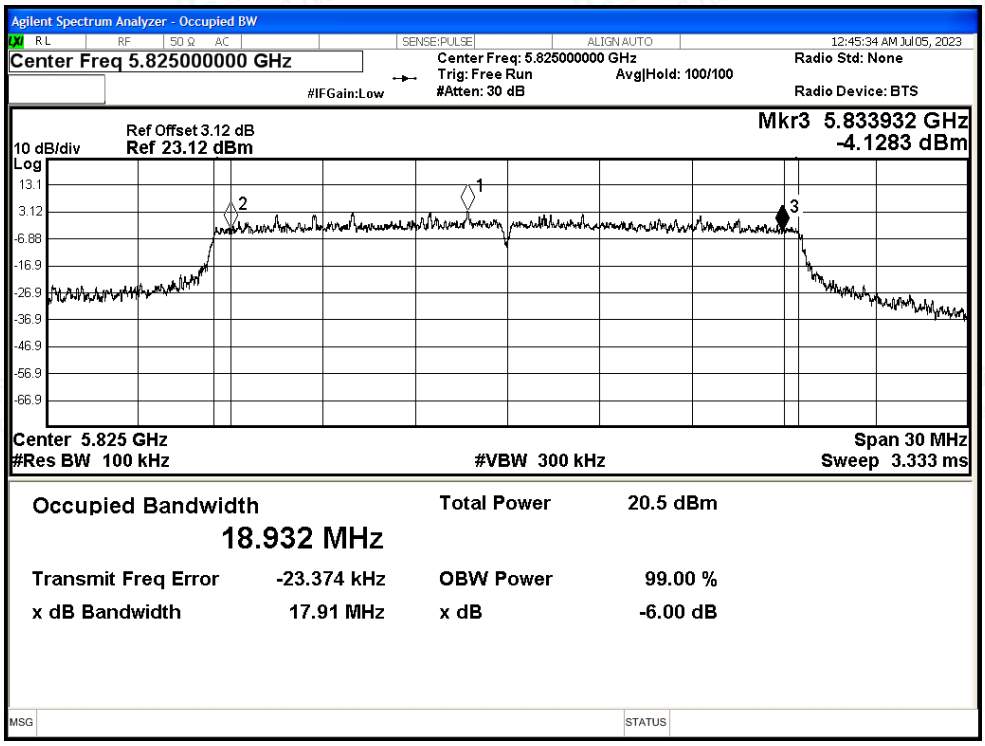
-6dB Bandwidth NVNT ax20 5745MHz Ant2



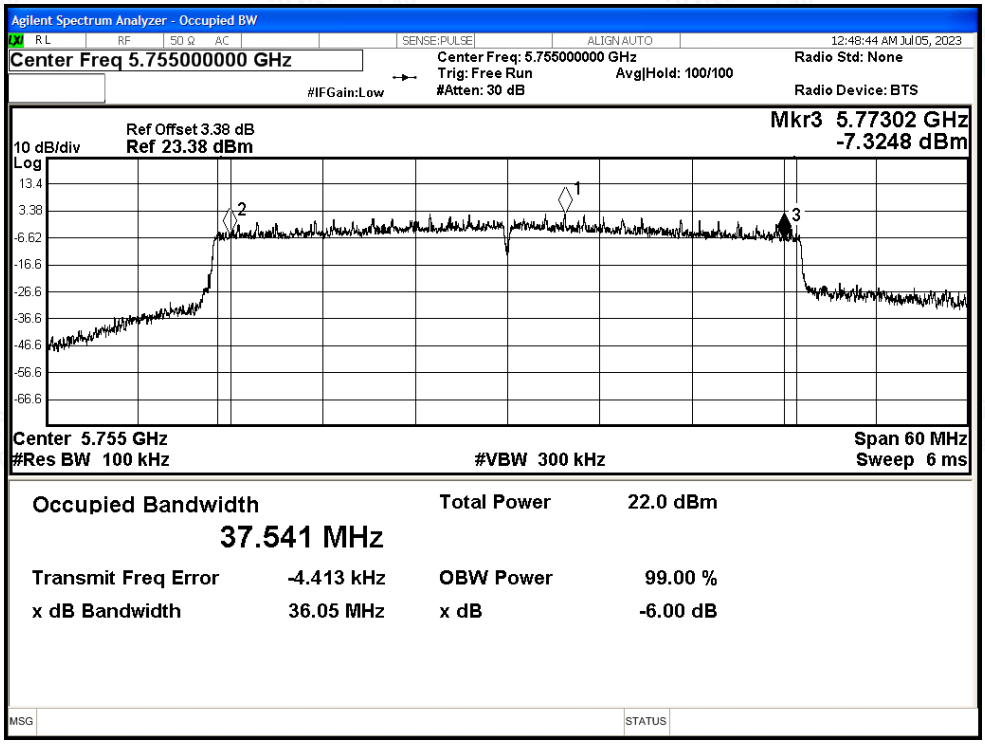
-6dB Bandwidth NVNT ax20 5785MHz Ant2



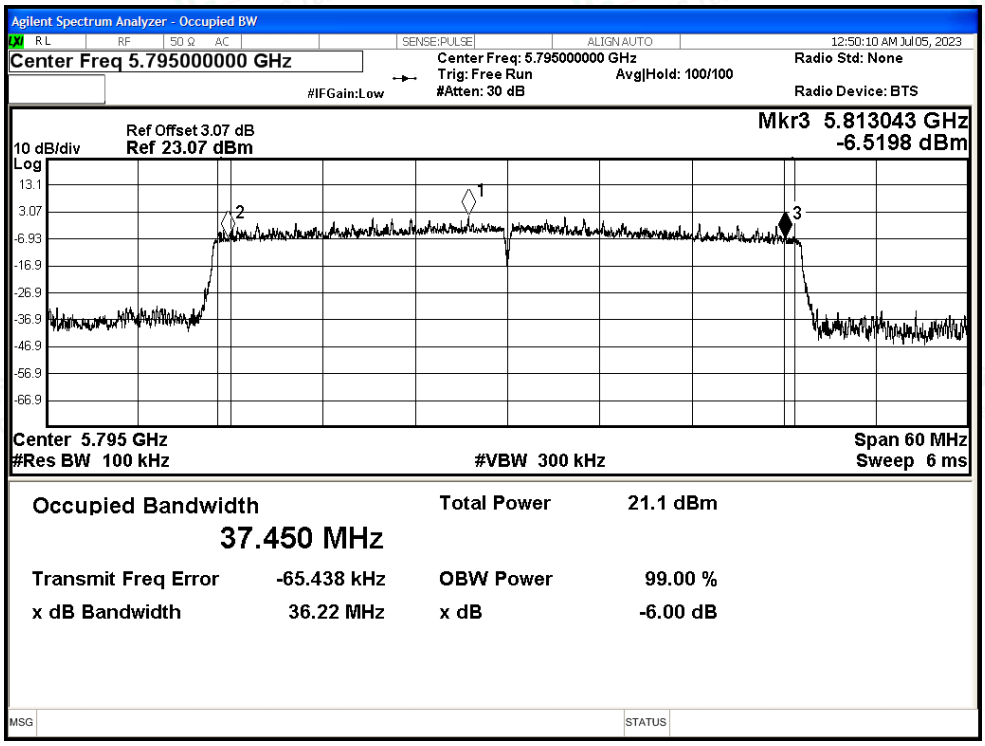
-6dB Bandwidth NVNT ax20 5825MHz Ant2



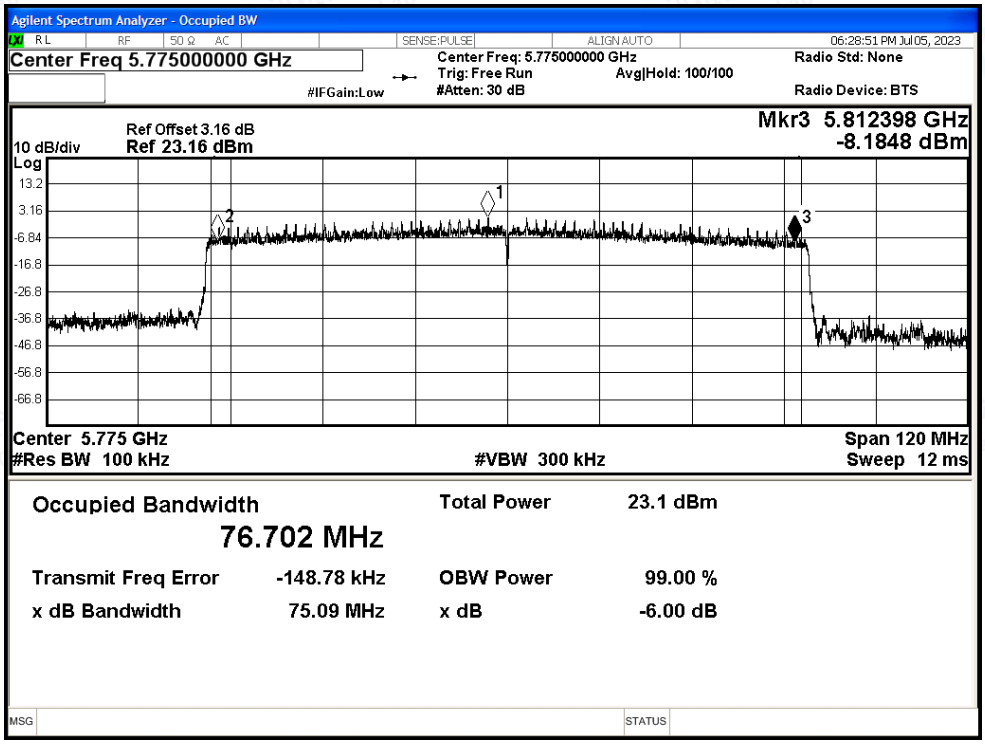
-6dB Bandwidth NVNT ax40 5755MHz Ant2



-6dB Bandwidth NVNT ax40 5795MHz Ant2



-6dB Bandwidth NVNT ax80 5775MHz Ant2



C.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	Ant0	17.44	0.17	17.61	29.57	Pass
NVNT	a	5785	Ant0	17.3	0.17	17.47	29.57	Pass
NVNT	a	5825	Ant0	18.17	0.17	18.34	29.57	Pass
NVNT	n20	5745	Ant0	15.98	0.18	16.16	29.57	Pass
NVNT	n20	5785	Ant0	18.57	0.18	18.75	29.57	Pass
NVNT	n20	5825	Ant0	16.75	0.19	16.94	29.57	Pass
NVNT	n40	5755	Ant0	15.35	0.86	16.21	29.57	Pass
NVNT	n40	5795	Ant0	14.71	0.84	15.55	29.57	Pass
NVNT	ac20	5745	Ant0	15.57	0.49	16.06	29.57	Pass
NVNT	ac20	5785	Ant0	15.45	0.48	15.93	29.57	Pass
NVNT	ac20	5825	Ant0	13.35	0.48	13.83	29.57	Pass
NVNT	ac40	5755	Ant0	15.34	0.86	16.2	29.57	Pass
NVNT	ac40	5795	Ant0	17.58	0.85	18.43	29.57	Pass
NVNT	ac80	5775	Ant0	16.71	1.39	18.1	29.57	Pass
NVNT	ax20	5745	Ant0	15.73	0.59	16.32	29.57	Pass
NVNT	ax20	5785	Ant0	18.31	0.58	18.89	29.57	Pass
NVNT	ax20	5825	Ant0	13.32	0.59	13.91	29.57	Pass
NVNT	ax40	5755	Ant0	15.47	0.94	16.41	29.57	Pass
NVNT	ax40	5795	Ant0	14.91	0.94	15.85	29.57	Pass
NVNT	ax80	5775	Ant0	16.96	1.43	18.39	29.57	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	17.81	0.17	17.98	29.57	Pass
NVNT	a	5785	Ant1	17.75	0.17	17.92	29.57	Pass
NVNT	a	5825	Ant1	15.91	0.17	16.08	29.57	Pass
NVNT	n20	5745	Ant1	16.31	0.18	16.49	29.57	Pass
NVNT	n20	5785	Ant1	16.12	0.18	16.3	29.57	Pass
NVNT	n20	5825	Ant1	14.42	0.19	14.61	29.57	Pass
NVNT	n40	5755	Ant1	15.96	0.86	16.82	29.57	Pass
NVNT	n40	5795	Ant1	15.46	0.84	16.3	29.57	Pass
NVNT	ac20	5745	Ant1	16.22	0.48	16.7	29.57	Pass
NVNT	ac20	5785	Ant1	16.21	0.49	16.7	29.57	Pass
NVNT	ac20	5825	Ant1	14.32	0.49	14.81	29.57	Pass
NVNT	ac40	5755	Ant1	16.05	0.84	16.89	29.57	Pass
NVNT	ac40	5795	Ant1	15.56	0.86	16.42	29.57	Pass
NVNT	ac80	5775	Ant1	13.72	2.77	16.49	29.57	Pass
NVNT	ax20	5745	Ant1	16.4	0.59	16.99	29.57	Pass
NVNT	ax20	5785	Ant1	16.35	0.58	16.93	29.57	Pass
NVNT	ax20	5825	Ant1	17.56	0.58	18.14	29.57	Pass
NVNT	ax40	5755	Ant1	16.13	0.94	17.07	29.57	Pass
NVNT	ax40	5795	Ant1	15.62	0.94	16.56	29.57	Pass
NVNT	ax80	5775	Ant1	11.47	2.35	13.82	29.57	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	17.94	0.17	18.11	29.57	Pass
NVNT	a	5785	Ant2	17.51	0.17	17.68	29.57	Pass
NVNT	a	5825	Ant2	16.6	0.17	16.77	29.57	Pass
NVNT	n20	5745	Ant2	16.67	0.17	16.84	29.57	Pass
NVNT	n20	5785	Ant2	18.97	0.17	19.14	29.57	Pass
NVNT	n20	5825	Ant2	15.64	0.17	15.81	29.57	Pass
NVNT	n40	5755	Ant2	14.99	0.37	15.36	29.57	Pass
NVNT	n40	5795	Ant2	14.19	0.37	14.56	29.57	Pass
NVNT	ac20	5745	Ant2	15.15	0.18	15.33	29.57	Pass
NVNT	ac20	5785	Ant2	14.72	0.18	14.9	29.57	Pass
NVNT	ac20	5825	Ant2	14.1	0.18	14.28	29.57	Pass
NVNT	ac40	5755	Ant2	15.01	0.36	15.37	29.57	Pass
NVNT	ac40	5795	Ant2	14.26	0.36	14.62	29.57	Pass
NVNT	ac80	5775	Ant2	14.5	1.39	15.89	29.57	Pass
NVNT	ax20	5745	Ant2	15.36	0.23	15.59	29.57	Pass
NVNT	ax20	5785	Ant2	14.88	0.23	15.11	29.57	Pass
NVNT	ax20	5825	Ant2	14.21	0.23	14.44	29.57	Pass
NVNT	ax40	5755	Ant2	15.16	0.43	15.59	29.57	Pass
NVNT	ax40	5795	Ant2	14.42	0.43	14.85	29.57	Pass
NVNT	ax80	5775	Ant2	14.89	1.43	16.32	29.57	Pass

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Condition	Mode	Frequency (MHz)	Antenna		Total Power (dBm)	Limit (dBm)	Verdict
			Ant0	Ant1			
NVNT	n20	5745	16.16	16.49	19.34	29.57	Pass
NVNT	n20	5785	18.75	16.3	20.71	29.57	Pass
NVNT	n20	5825	16.94	14.61	18.94	29.57	Pass
NVNT	n40	5755	16.21	16.82	19.54	29.57	Pass
NVNT	n40	5795	15.55	16.3	18.95	29.57	Pass
NVNT	ac20	5745	16.06	16.7	19.40	29.57	Pass
NVNT	ac20	5785	15.93	16.7	19.34	29.57	Pass
NVNT	ac20	5825	13.83	14.81	17.36	29.57	Pass
NVNT	ac40	5755	16.2	16.89	19.57	29.57	Pass
NVNT	ac40	5795	18.43	16.42	20.55	29.57	Pass
NVNT	ac80	5775	18.1	16.49	20.38	29.57	Pass
NVNT	ax20	5745	16.32	16.99	19.68	29.57	Pass
NVNT	ax20	5785	18.89	16.93	21.03	29.57	Pass
NVNT	ax20	5825	13.91	18.14	19.53	29.57	Pass
NVNT	ax40	5755	16.41	17.07	19.76	29.57	Pass
NVNT	ax40	5795	15.85	16.56	19.23	29.57	Pass
NVNT	ax80	5775	18.39	13.82	19.69	29.57	Pass

C.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	Ant0	4.27	0.17	4.44	29.57	Pass
NVNT	a	5785	Ant0	4.23	0.17	4.4	29.57	Pass
NVNT	a	5825	Ant0	5.11	0.17	5.28	29.57	Pass
NVNT	n20	5745	Ant0	2.45	0.18	2.63	29.57	Pass
NVNT	n20	5785	Ant0	5.3	0.18	5.48	29.57	Pass
NVNT	n20	5825	Ant0	3.27	0.19	3.46	29.57	Pass
NVNT	n40	5755	Ant0	-0.56	0.86	0.3	29.57	Pass
NVNT	n40	5795	Ant0	-0.87	0.84	-0.03	29.57	Pass
NVNT	ac20	5745	Ant0	2.44	0.49	2.93	29.57	Pass
NVNT	ac20	5785	Ant0	2.47	0.48	2.95	29.57	Pass
NVNT	ac20	5825	Ant0	0.36	0.48	0.84	29.57	Pass
NVNT	ac40	5755	Ant0	-0.09	0.86	0.77	29.57	Pass
NVNT	ac40	5795	Ant0	2.07	0.85	2.92	29.57	Pass
NVNT	ac80	5775	Ant0	-1.33	1.39	0.06	29.57	Pass
NVNT	ax20	5745	Ant0	2.13	0.59	2.72	29.57	Pass
NVNT	ax20	5785	Ant0	4.94	0.58	5.52	29.57	Pass
NVNT	ax20	5825	Ant0	-0.16	0.59	0.43	29.57	Pass
NVNT	ax40	5755	Ant0	-0.06	0.94	0.88	29.57	Pass
NVNT	ax40	5795	Ant0	-0.95	0.94	-0.01	29.57	Pass
NVNT	ax80	5775	Ant0	-1.29	1.43	0.14	29.57	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	4.69	0.17	4.86	29.57	Pass
NVNT	a	5785	Ant1	4.64	0.17	4.81	29.57	Pass
NVNT	a	5825	Ant1	3.11	0.17	3.28	29.57	Pass
NVNT	n20	5745	Ant1	3.04	0.18	3.22	29.57	Pass
NVNT	n20	5785	Ant1	2.88	0.18	3.06	29.57	Pass
NVNT	n20	5825	Ant1	1.23	0.19	1.42	29.57	Pass
NVNT	n40	5755	Ant1	0.33	0.86	1.19	29.57	Pass
NVNT	n40	5795	Ant1	0.19	0.84	1.03	29.57	Pass
NVNT	ac20	5745	Ant1	3.19	0.48	3.67	29.57	Pass
NVNT	ac20	5785	Ant1	2.9	0.49	3.39	29.57	Pass
NVNT	ac20	5825	Ant1	1.17	0.49	1.66	29.57	Pass
NVNT	ac40	5755	Ant1	0.51	0.84	1.35	29.57	Pass
NVNT	ac40	5795	Ant1	-0.07	0.86	0.79	29.57	Pass
NVNT	ac80	5775	Ant1	-3.14	2.77	-0.37	29.57	Pass
NVNT	ax20	5745	Ant1	2.9	0.59	3.49	29.57	Pass
NVNT	ax20	5785	Ant1	3.05	0.58	3.63	29.57	Pass
NVNT	ax20	5825	Ant1	4.21	0.58	4.79	29.57	Pass
NVNT	ax40	5755	Ant1	0.96	0.94	1.9	29.57	Pass
NVNT	ax40	5795	Ant1	0.3	0.94	1.24	29.57	Pass
NVNT	ax80	5775	Ant1	-6.45	2.35	-4.1	29.57	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	3.59	0.17	3.76	29.57	Pass
NVNT	a	5785	Ant2	3.36	0.17	3.53	29.57	Pass
NVNT	a	5825	Ant2	2.41	0.17	2.58	29.57	Pass
NVNT	n20	5745	Ant2	3.58	0.17	3.75	29.57	Pass
NVNT	n20	5785	Ant2	5.94	0.17	6.11	29.57	Pass
NVNT	n20	5825	Ant2	2.65	0.17	2.82	29.57	Pass
NVNT	n40	5755	Ant2	-0.41	0.37	-0.04	29.57	Pass
NVNT	n40	5795	Ant2	-1.35	0.37	-0.98	29.57	Pass
NVNT	ac20	5745	Ant2	1.86	0.18	2.04	29.57	Pass
NVNT	ac20	5785	Ant2	1.61	0.18	1.79	29.57	Pass
NVNT	ac20	5825	Ant2	0.67	0.18	0.85	29.57	Pass
NVNT	ac40	5755	Ant2	-0.7	0.36	-0.34	29.57	Pass
NVNT	ac40	5795	Ant2	-1.35	0.36	-0.99	29.57	Pass
NVNT	ac80	5775	Ant2	-0.71	1.39	0.68	29.57	Pass
NVNT	ax20	5745	Ant2	1.78	0.23	2.01	29.57	Pass
NVNT	ax20	5785	Ant2	1.32	0.23	1.55	29.57	Pass
NVNT	ax20	5825	Ant2	1.05	0.23	1.28	29.57	Pass
NVNT	ax40	5755	Ant2	-0.9	0.43	-0.47	29.57	Pass
NVNT	ax40	5795	Ant2	-1.09	0.43	-0.66	29.57	Pass
NVNT	ax80	5775	Ant2	-2.83	1.43	-1.4	29.57	Pass

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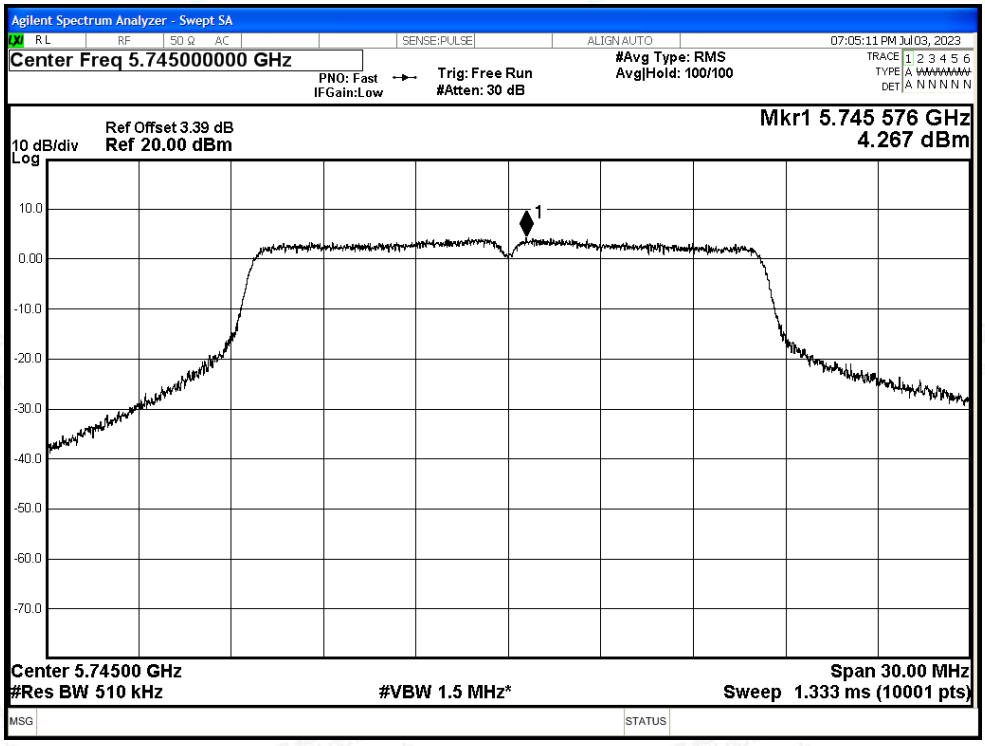
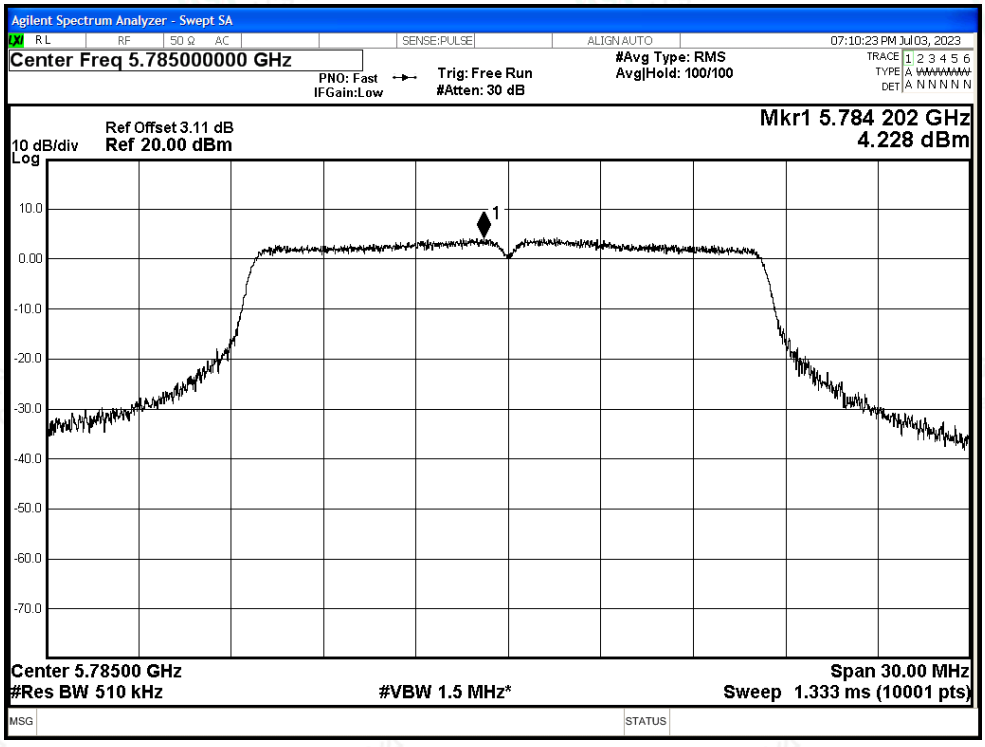
Condition	Mode	Frequency (MHz)	Antenna		Total PSD (dBm)	Limit (dBm)	Verdict
			Ant0	Ant1			
NVNT	n20	5745	2.63	3.22	5.95	26.56	Pass
NVNT	n20	5785	5.48	3.06	7.45	26.56	Pass
NVNT	n20	5825	3.46	1.42	5.57	26.56	Pass
NVNT	n40	5755	0.3	1.19	3.78	26.56	Pass
NVNT	n40	5795	-0.03	1.03	3.54	26.56	Pass
NVNT	ac20	5745	2.93	3.67	6.33	26.56	Pass
NVNT	ac20	5785	2.95	3.39	6.19	26.56	Pass
NVNT	ac20	5825	0.84	1.66	4.28	26.56	Pass
NVNT	ac40	5755	0.77	1.35	4.08	26.56	Pass
NVNT	ac40	5795	2.92	0.79	4.99	26.56	Pass
NVNT	ac80	5775	0.06	-0.37	2.86	26.56	Pass
NVNT	ax20	5745	2.72	3.49	6.13	26.56	Pass
NVNT	ax20	5785	5.52	3.63	7.69	26.56	Pass
NVNT	ax20	5825	0.43	4.79	6.15	26.56	Pass
NVNT	ax40	5755	0.88	1.9	4.43	26.56	Pass
NVNT	ax40	5795	-0.01	1.24	3.67	26.56	Pass
NVNT	ax80	5775	0.14	-4.1	1.53	26.56	Pass

Test Graphs

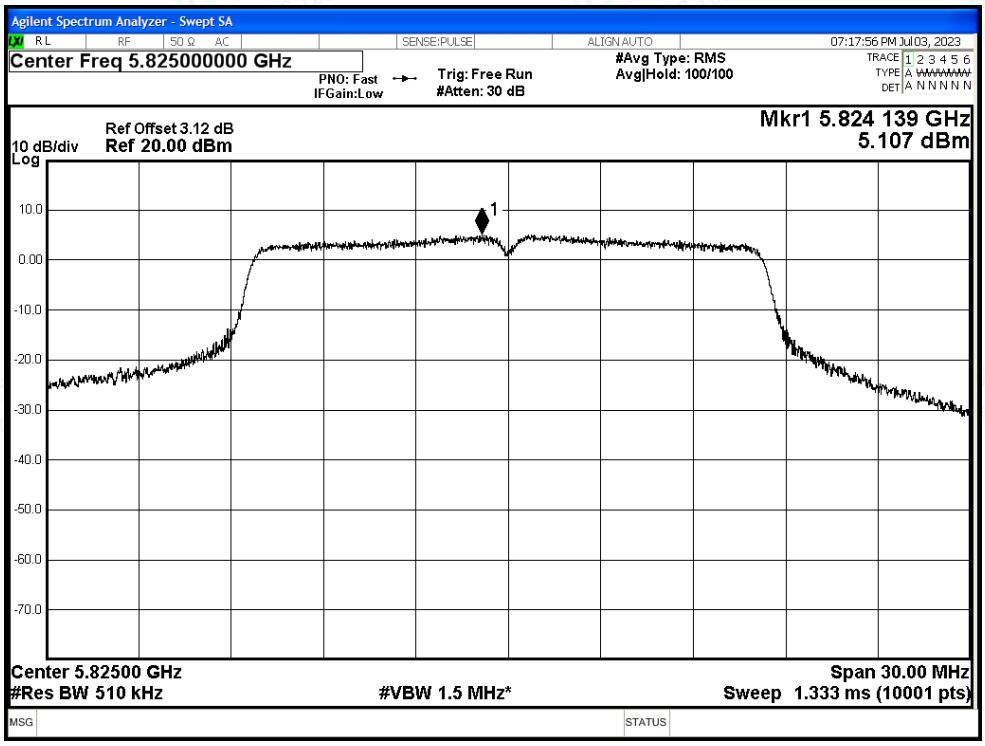
PSD NVNT a 5745MHz Ant0



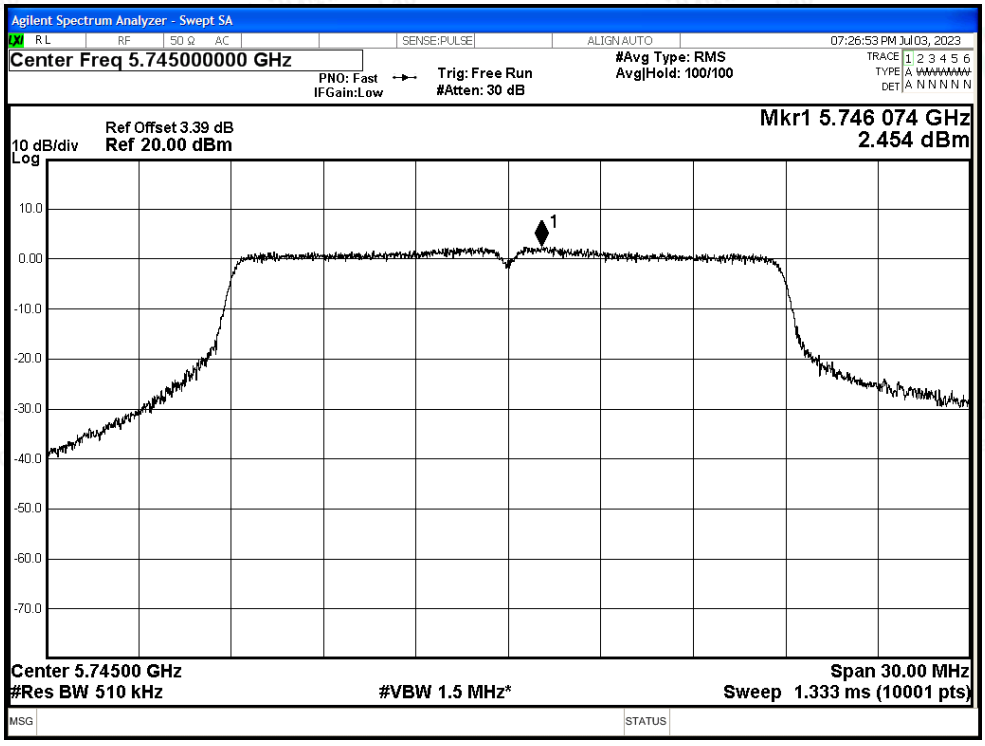
PSD NVNT a 5785MHz Ant0



PSD NVNT a 5825MHz Ant0



PSD NVNT n20 5745MHz Ant0



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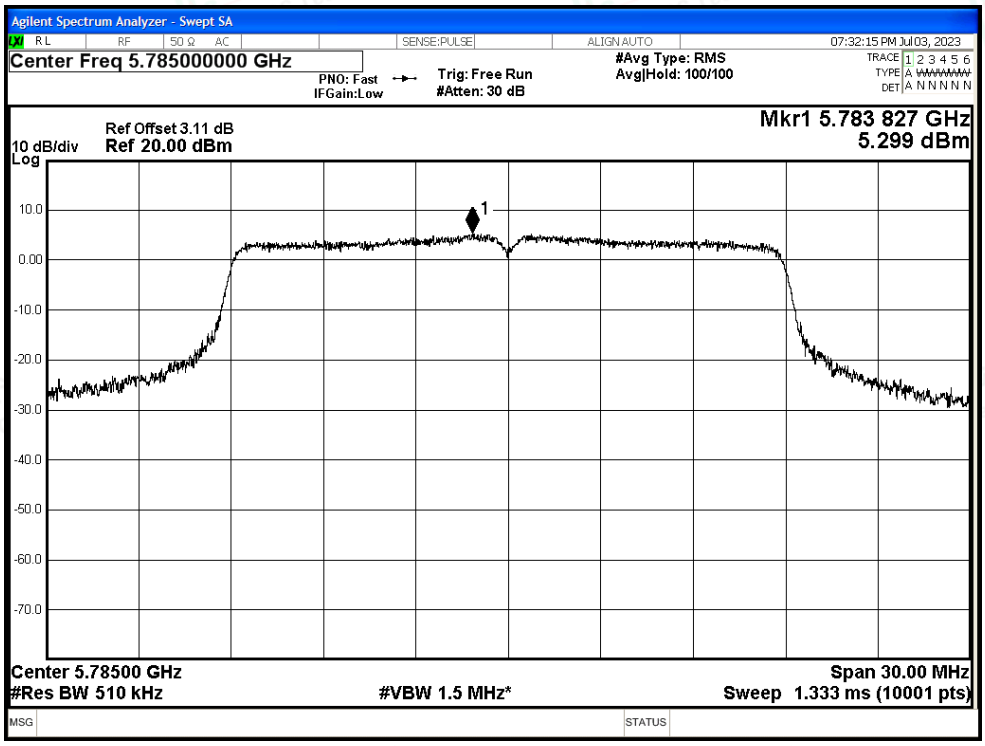
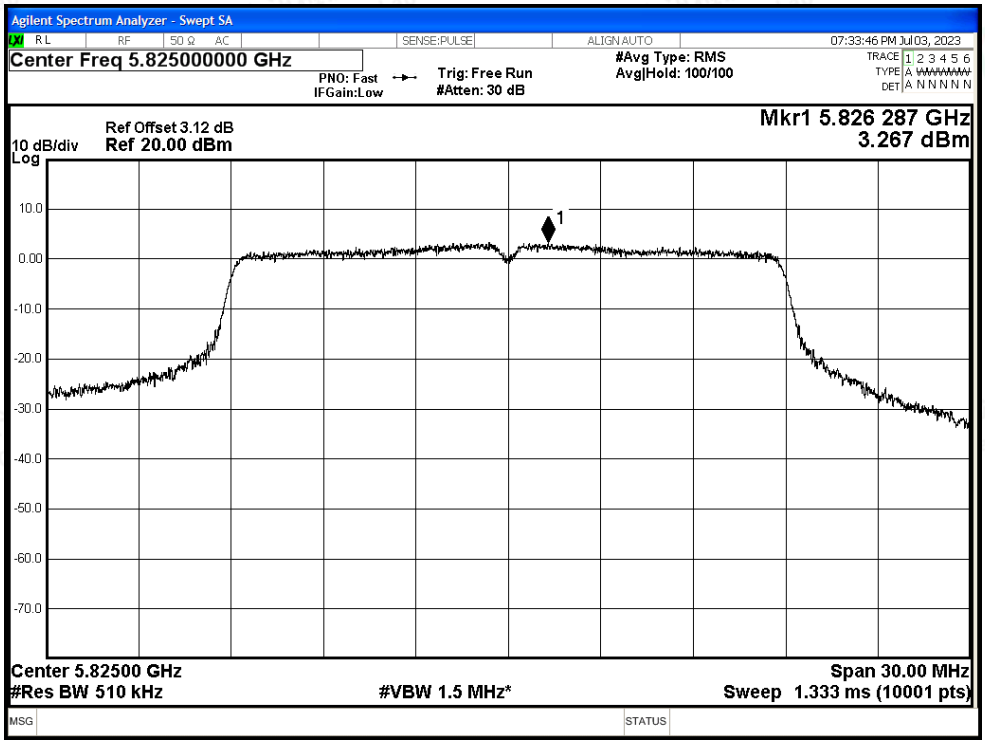
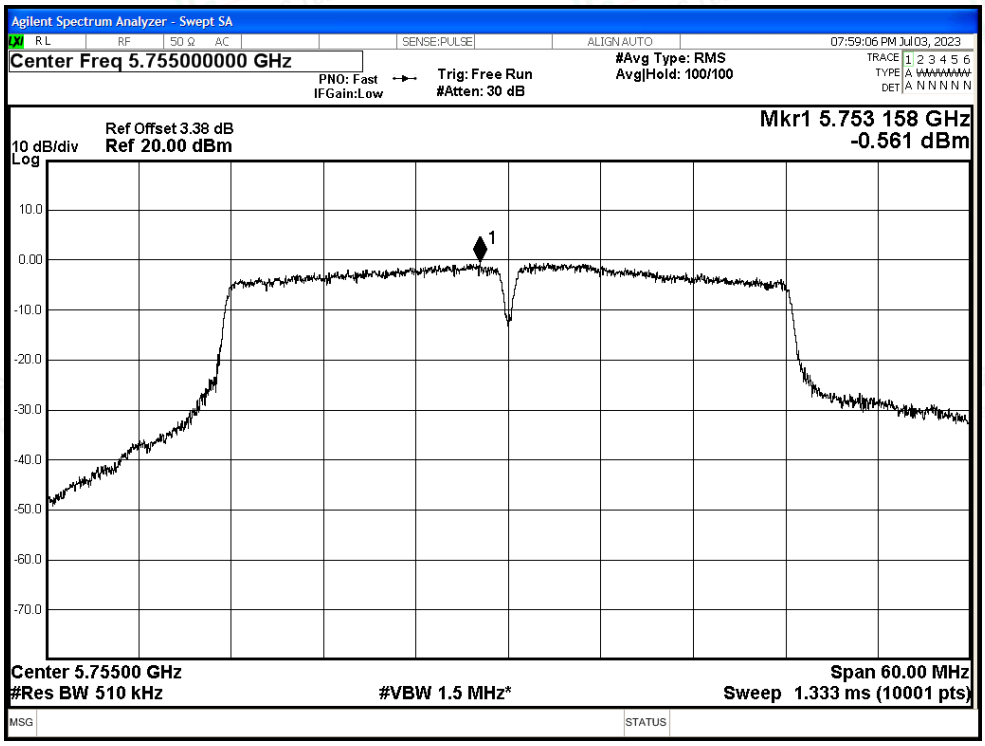


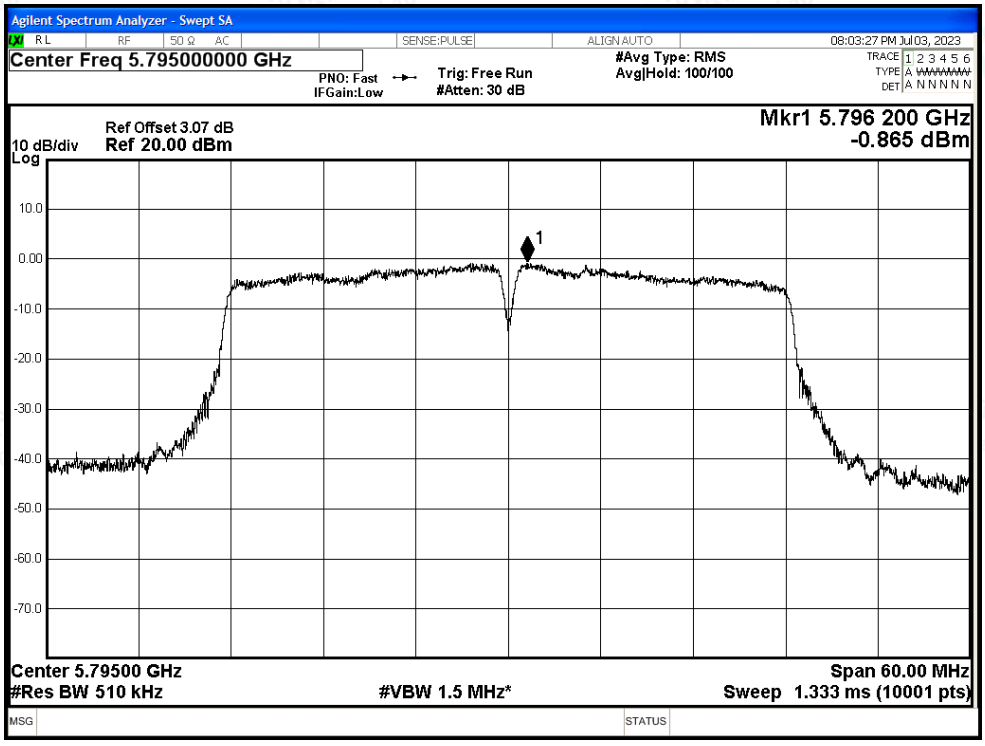
PSD NVNT n20 5825MHz Ant0



PSD NVNT n40 5755MHz Ant0



PSD NVNT n40 5795MHz Ant0



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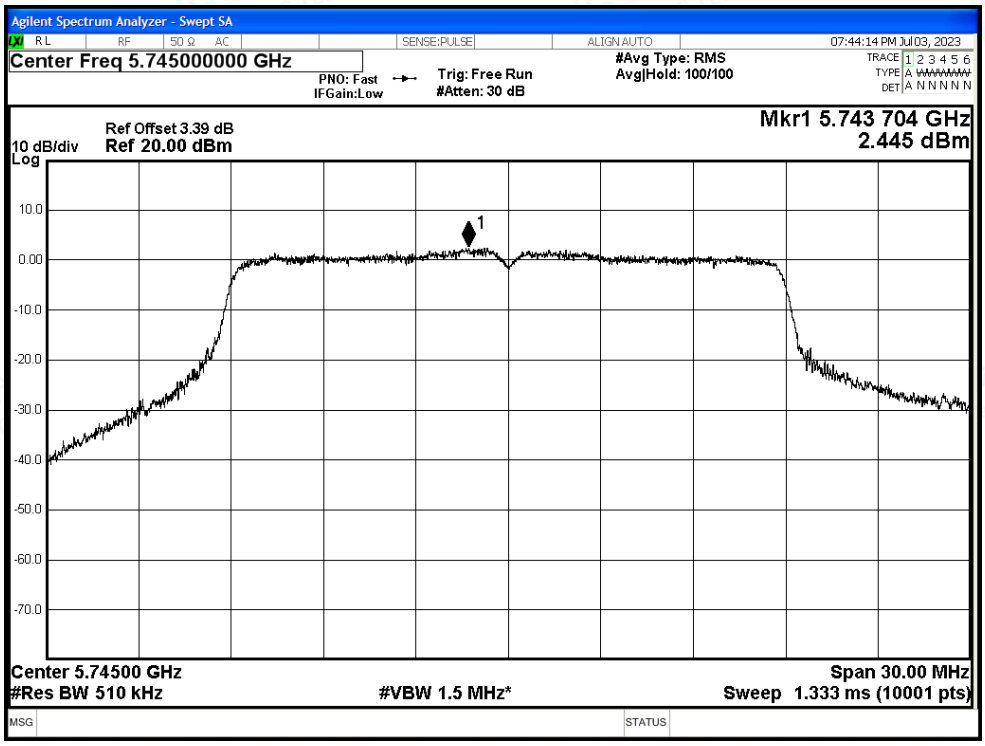

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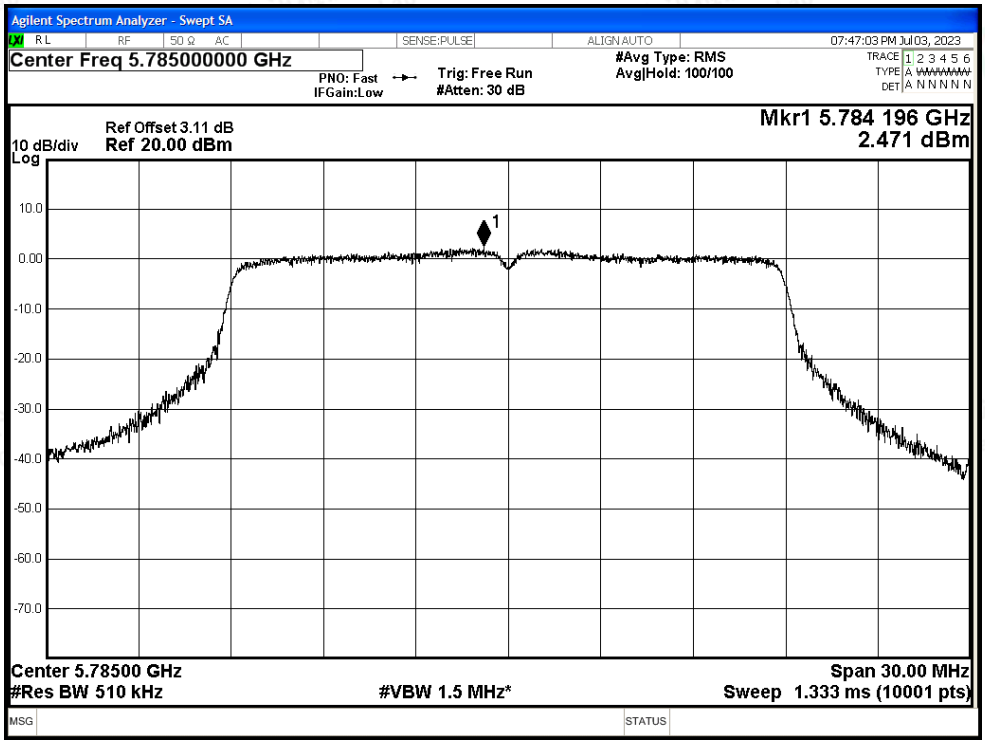
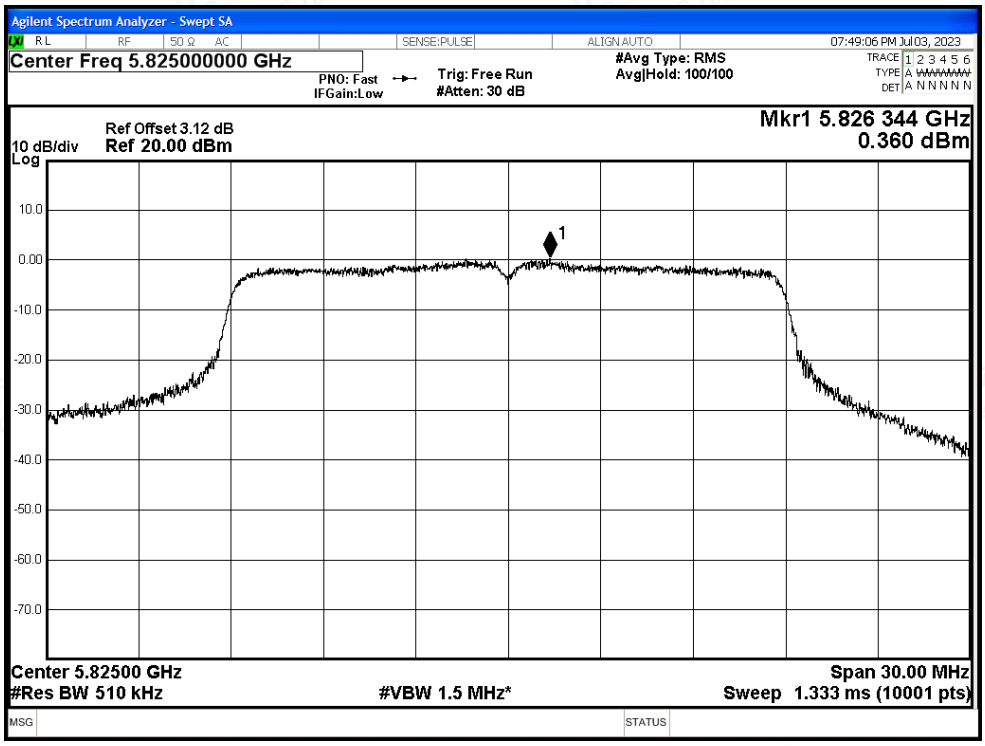
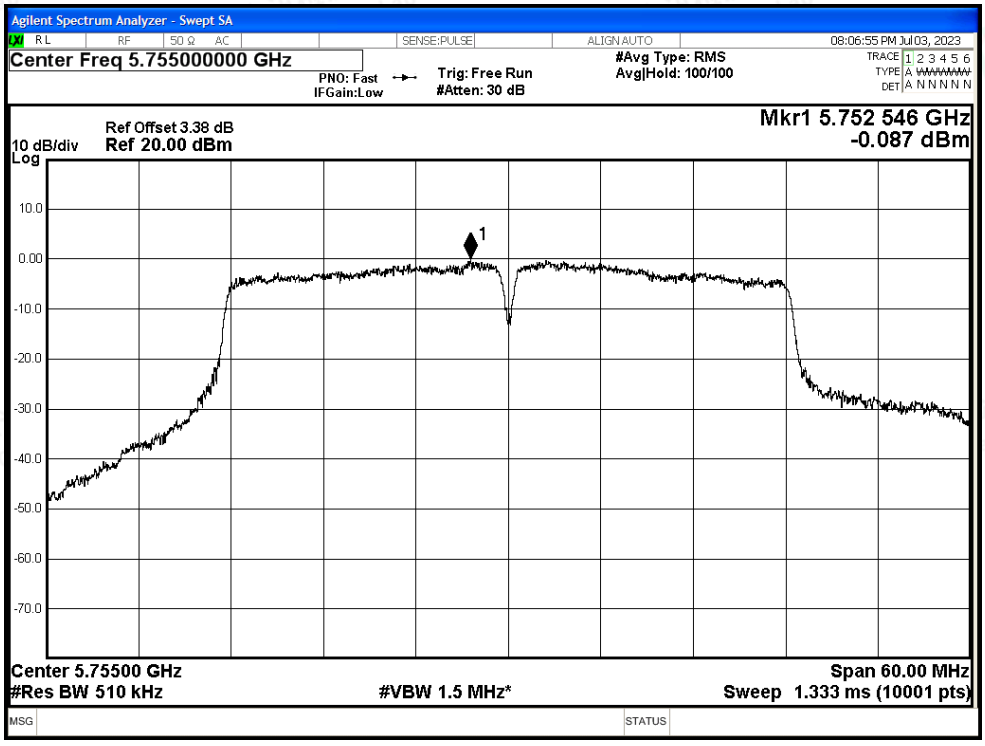


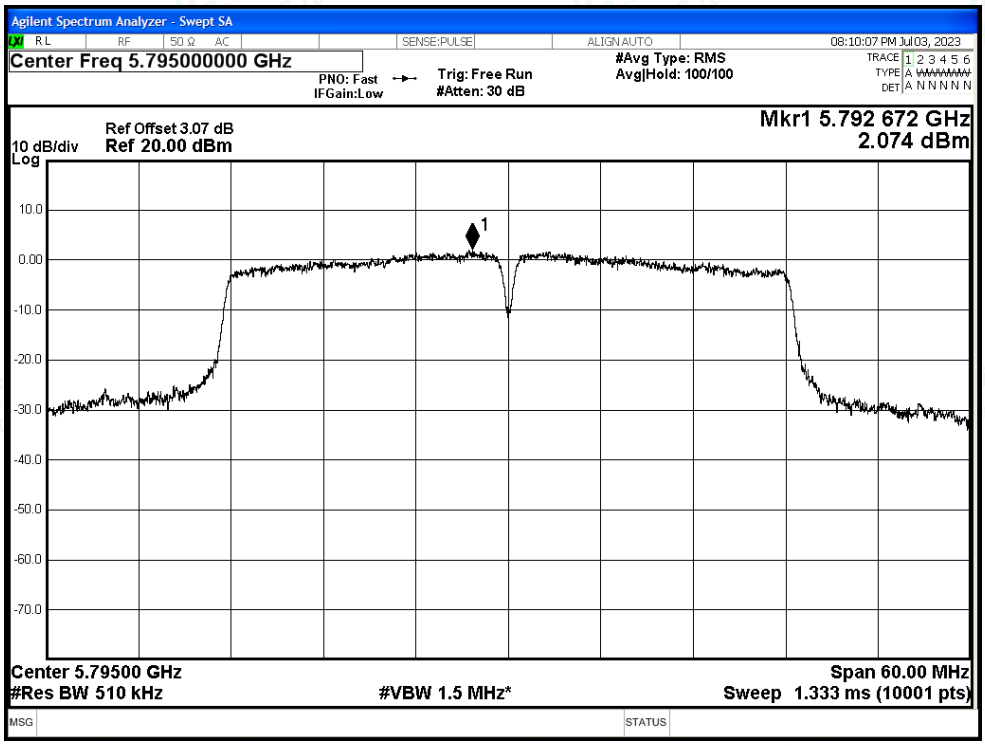
PSD NVNT ac20 5825MHz Ant0



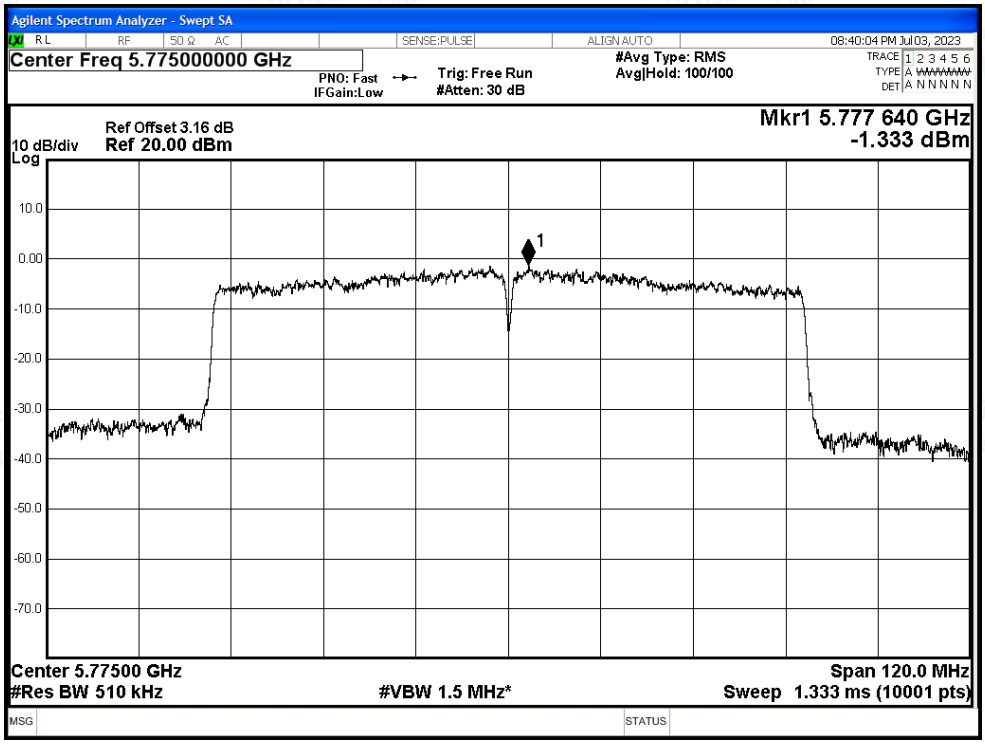
PSD NVNT ac40 5755MHz Ant0



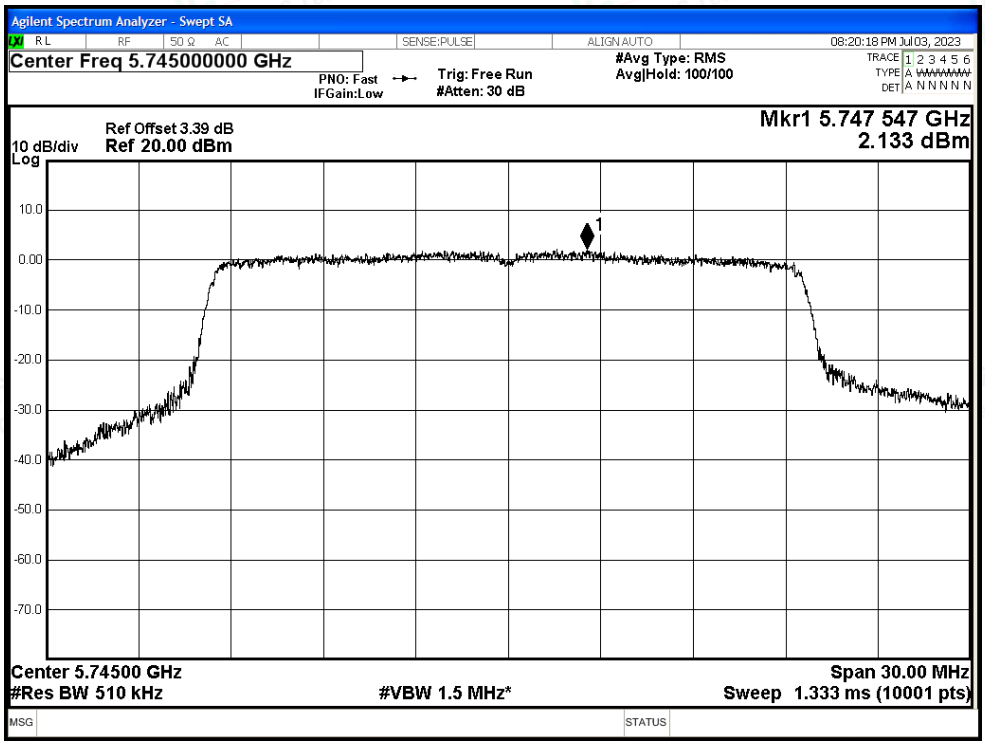
PSD NVNT ac40 5795MHz Ant0



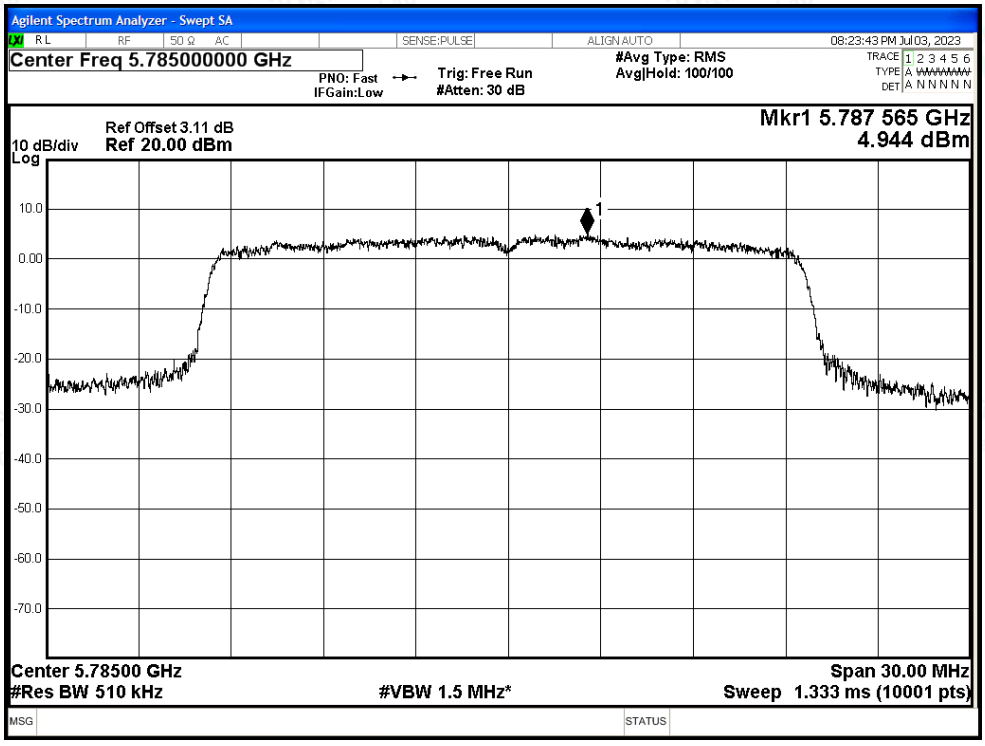
PSD NVNT ac80 5775MHz Ant0



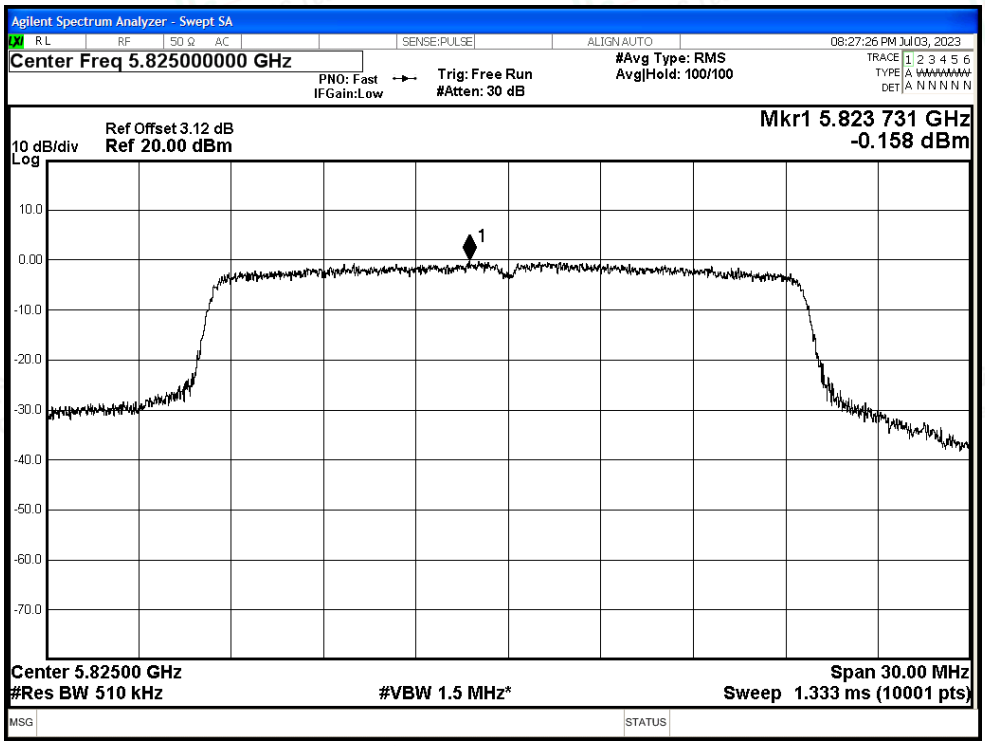
PSD NVNT ax20 5745MHz Ant0



PSD NVNT ax20 5785MHz Ant0



PSD NVNT ax20 5825MHz Ant0



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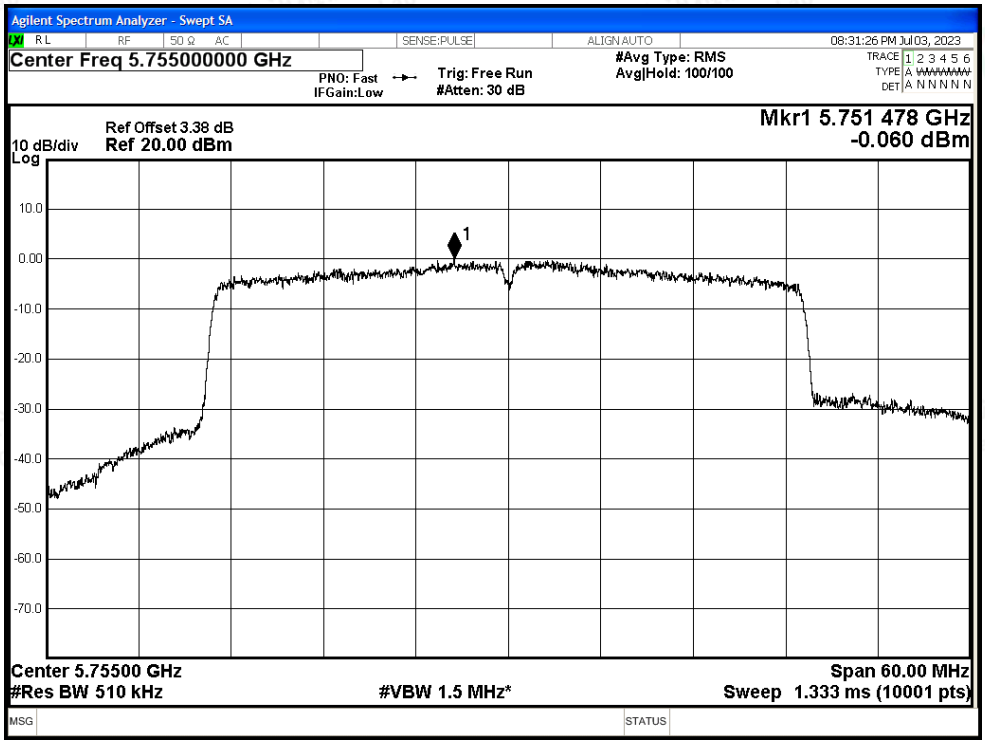
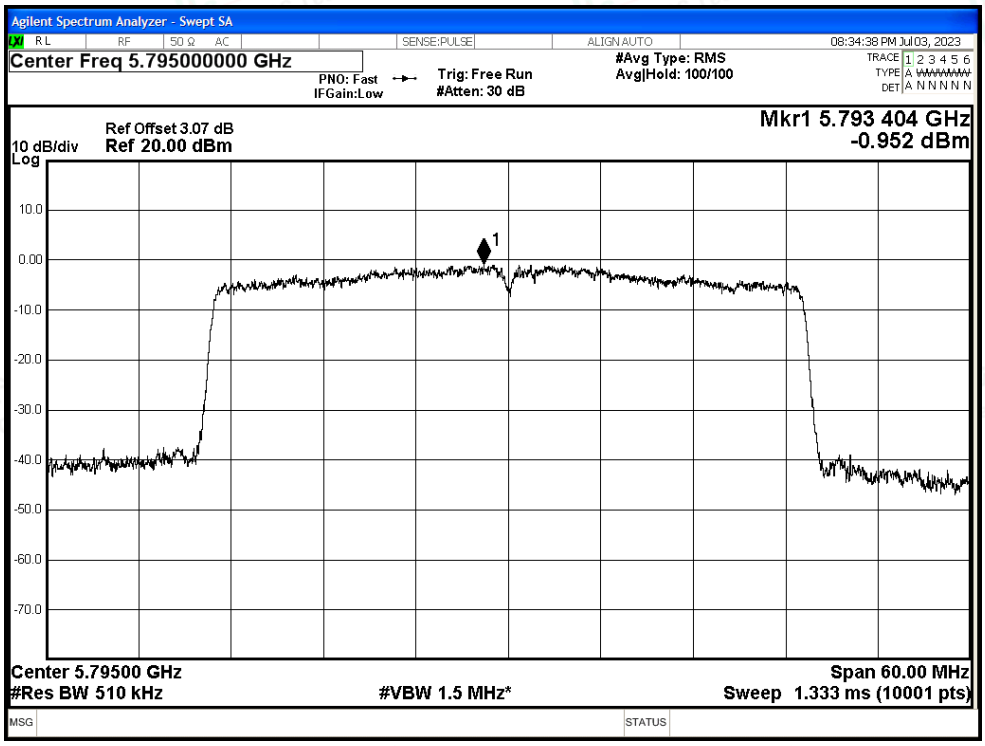
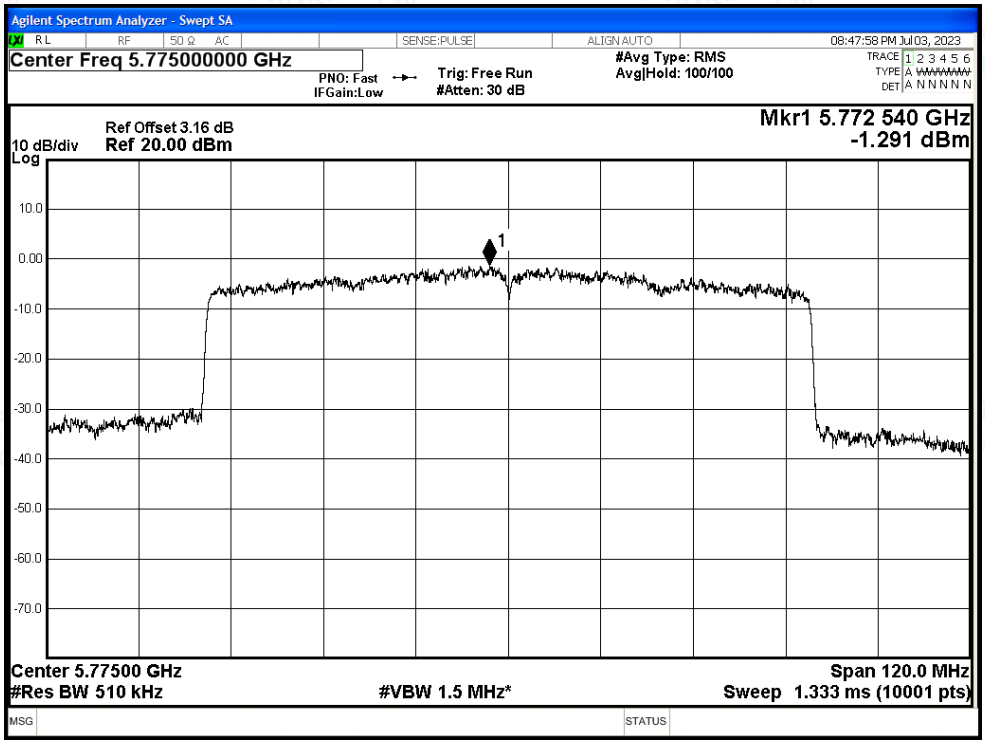


PSD NVNT ax40 5795MHz Ant0

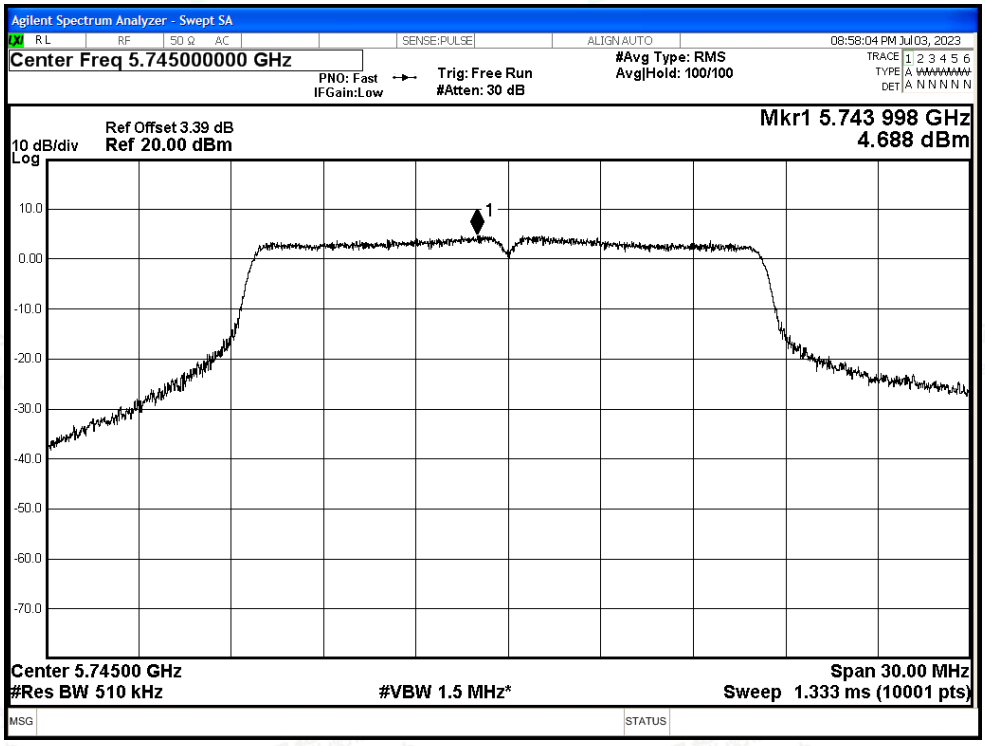


PSD NVNT ax80 5775MHz Ant0

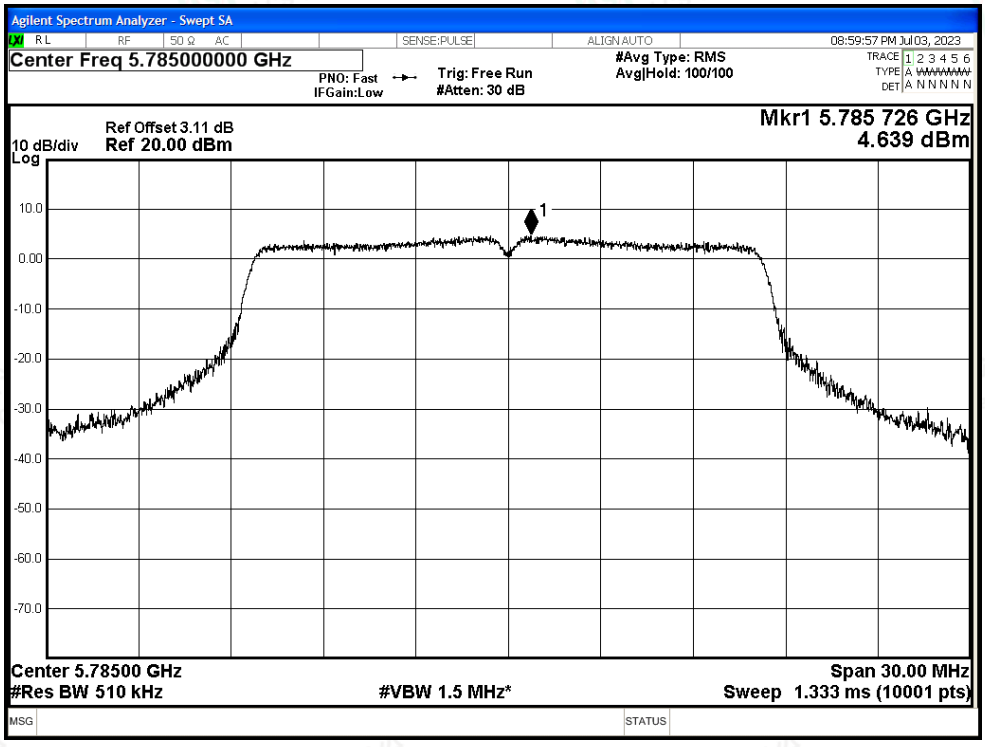


Test Graphs

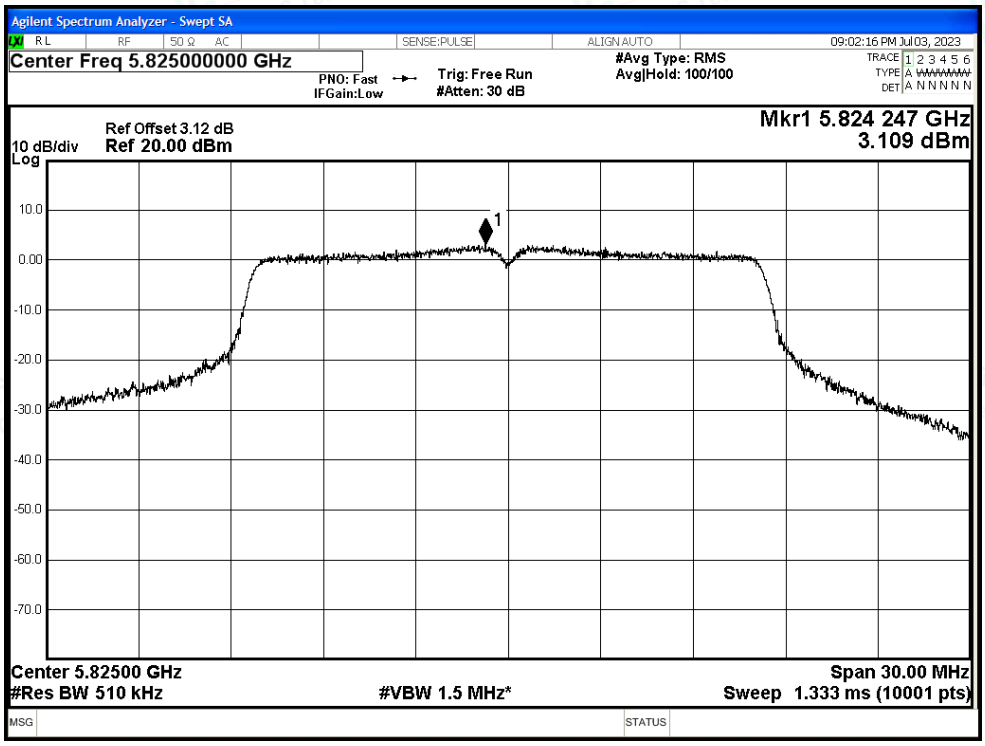
PSD NVNT a 5745MHz Ant1



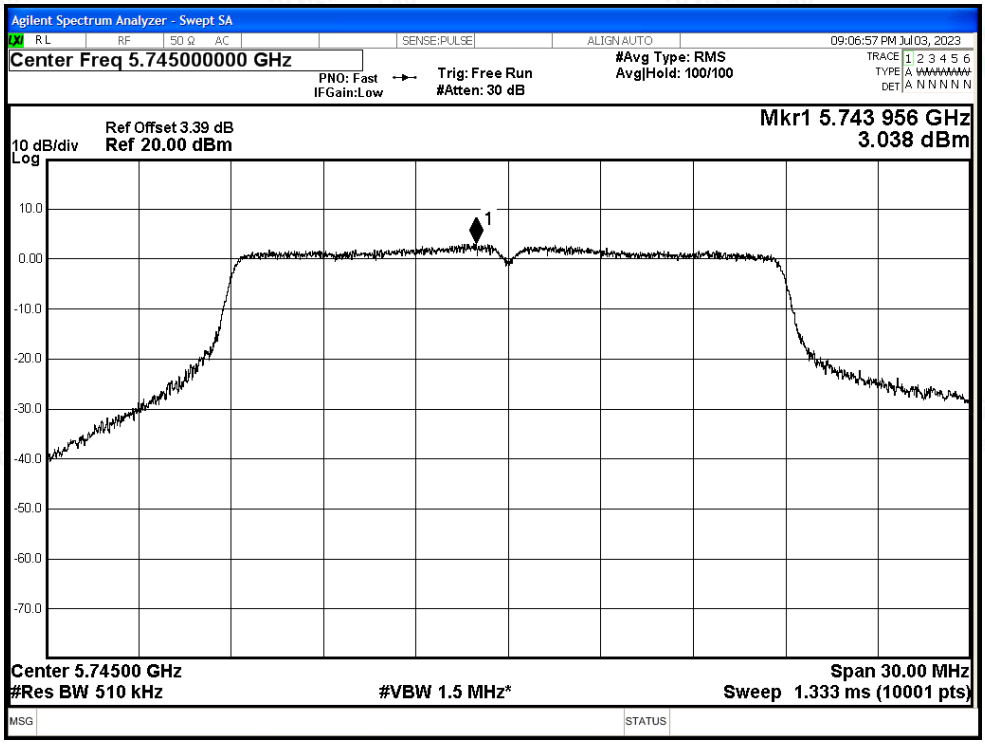
PSD NVNT a 5785MHz Ant1



PSD NVNT a 5825MHz Ant1



PSD NVNT n20 5745MHz Ant1



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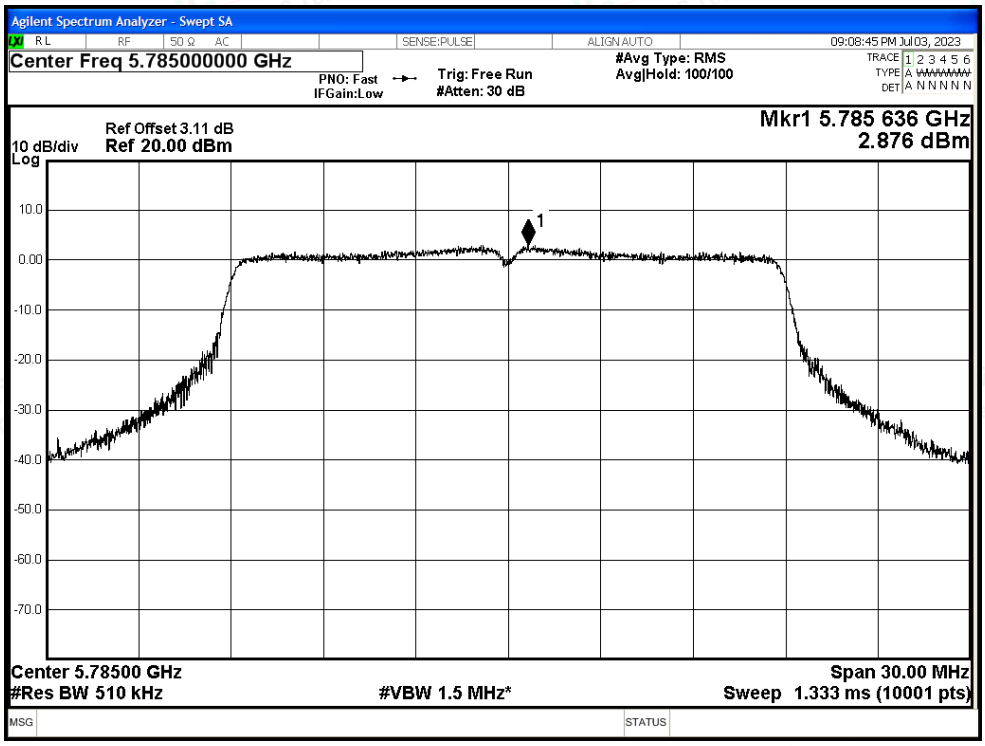

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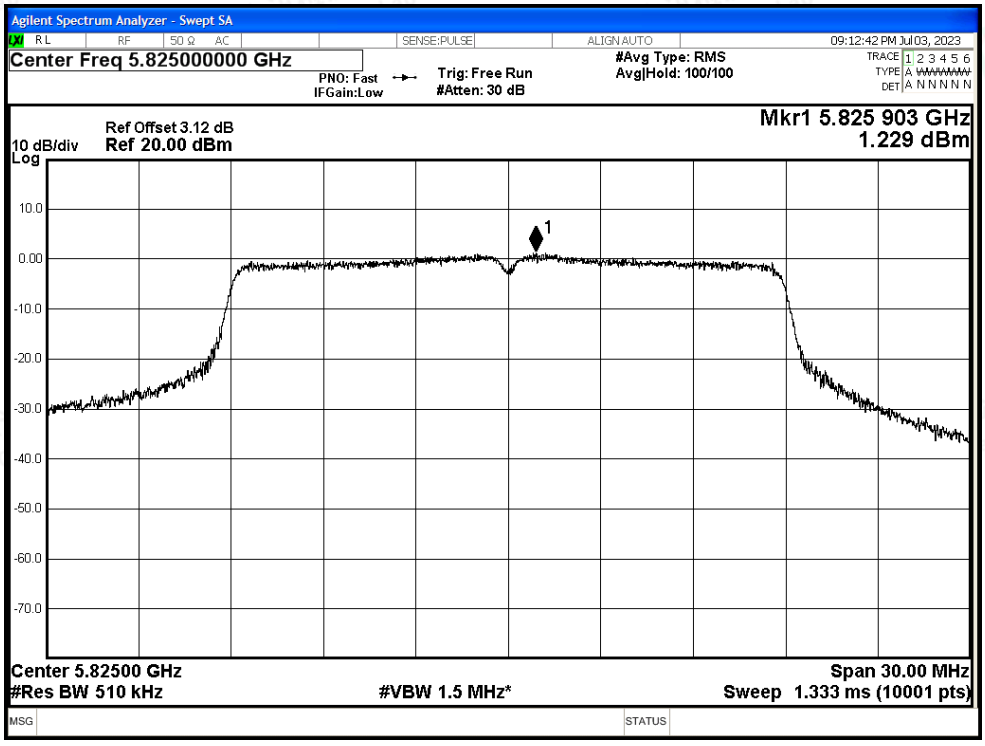
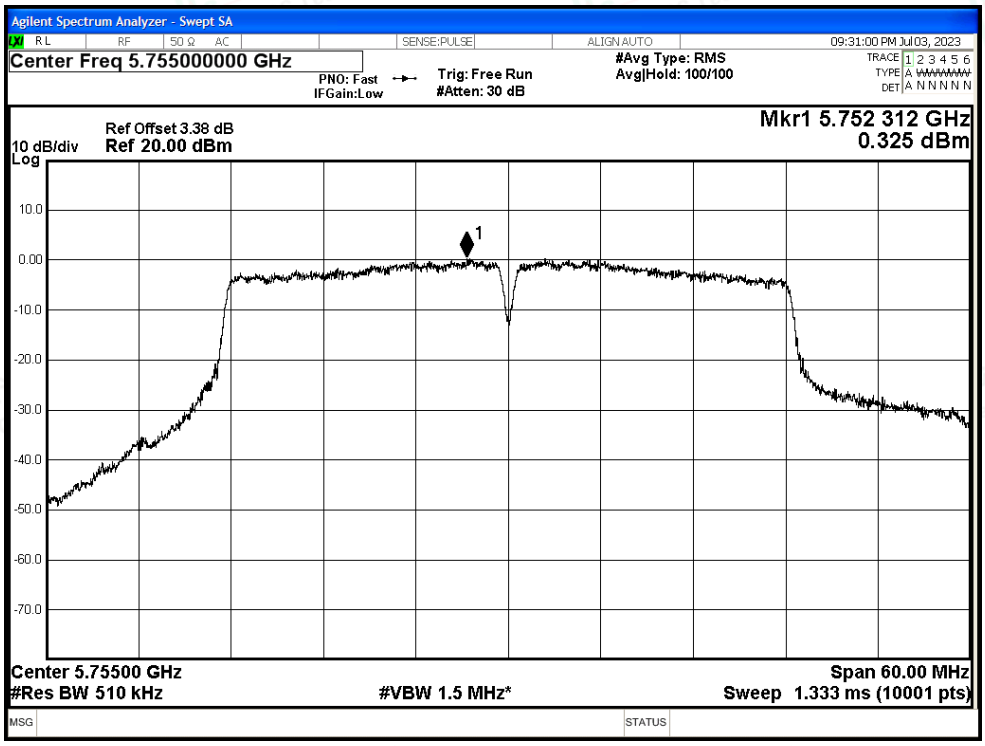


PSD NVNT n40 5755MHz Ant1



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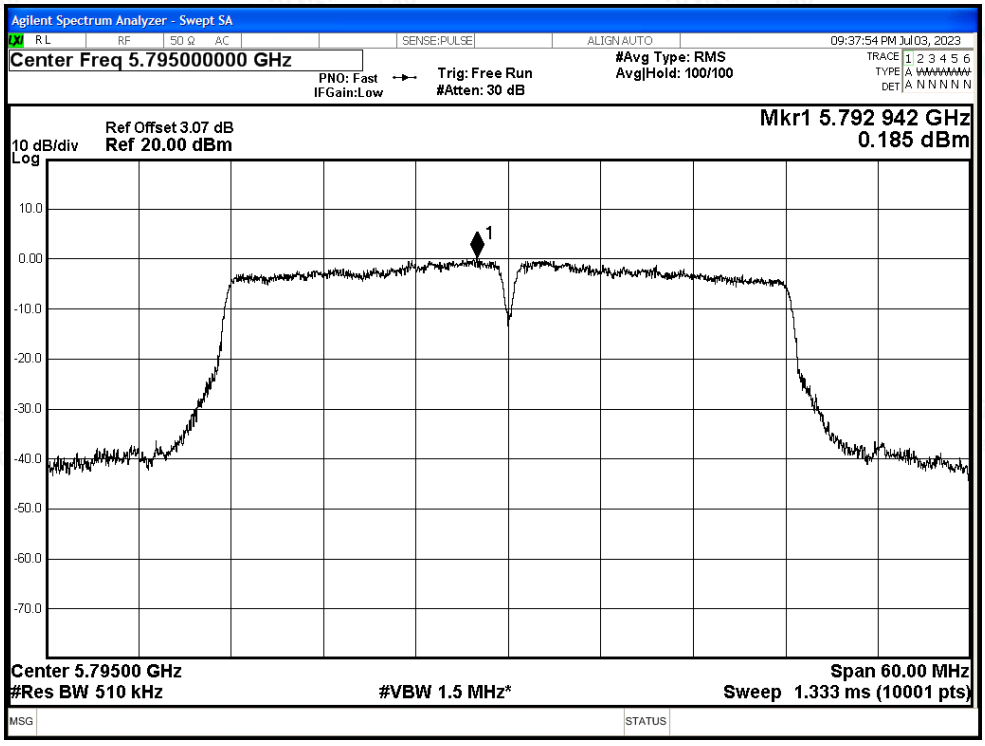
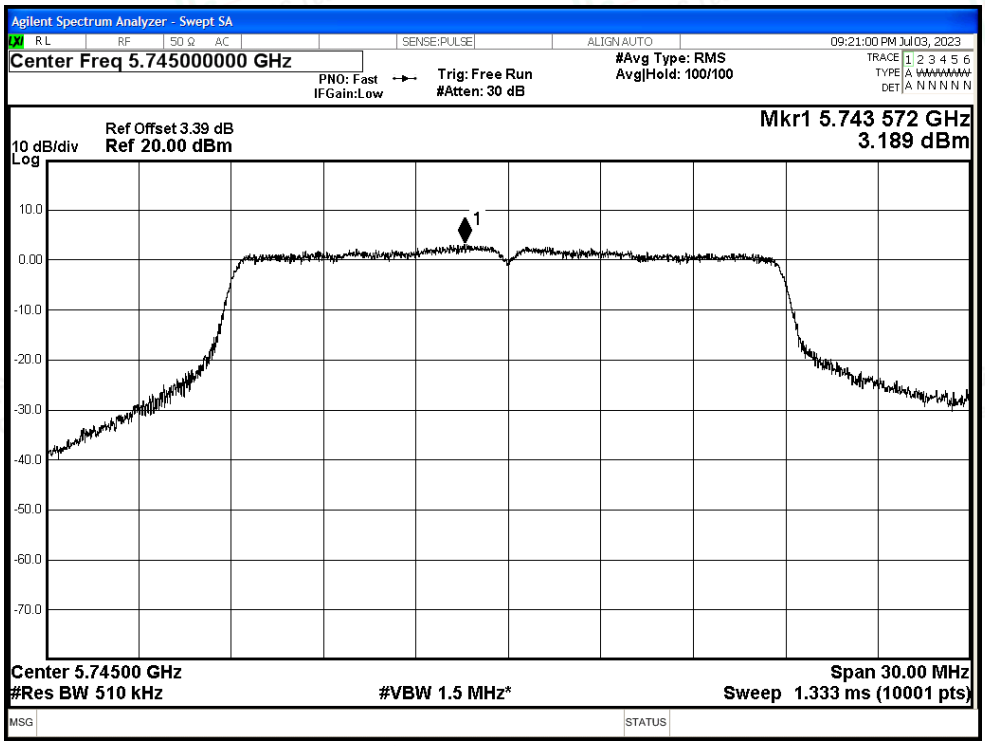


PSD NVNT ac20 5745MHz Ant1



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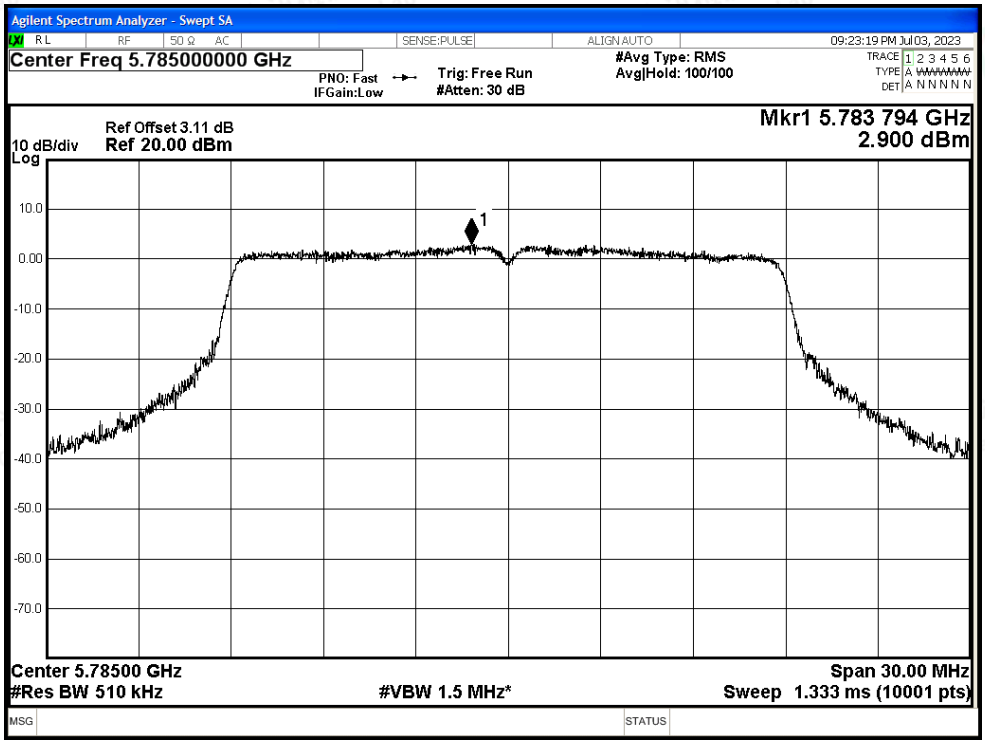

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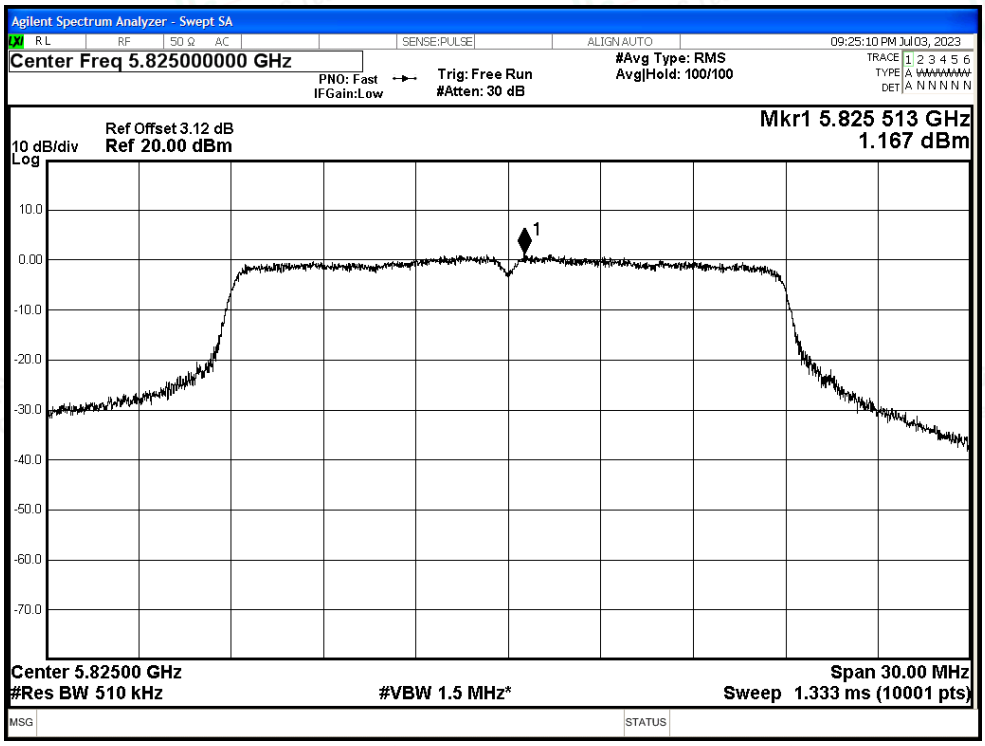

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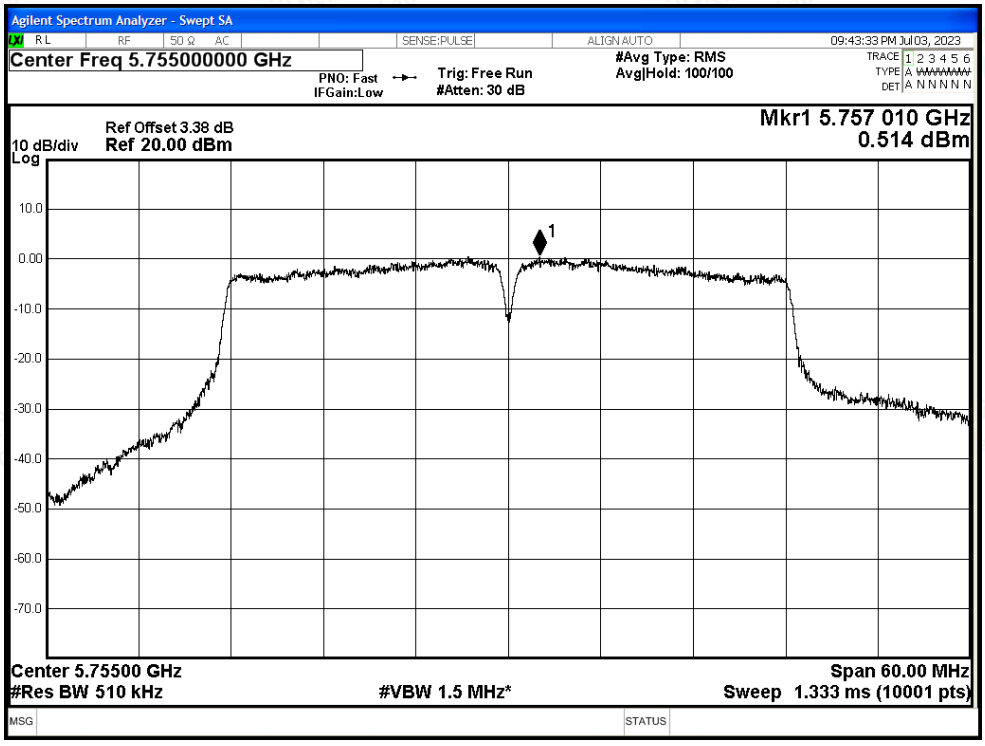
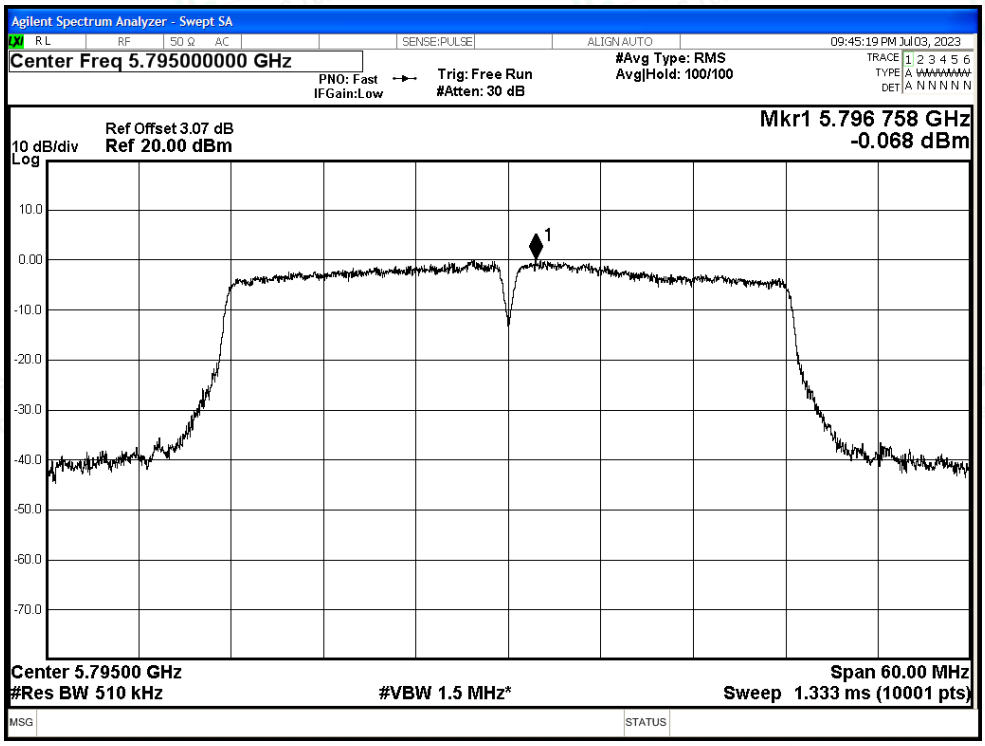
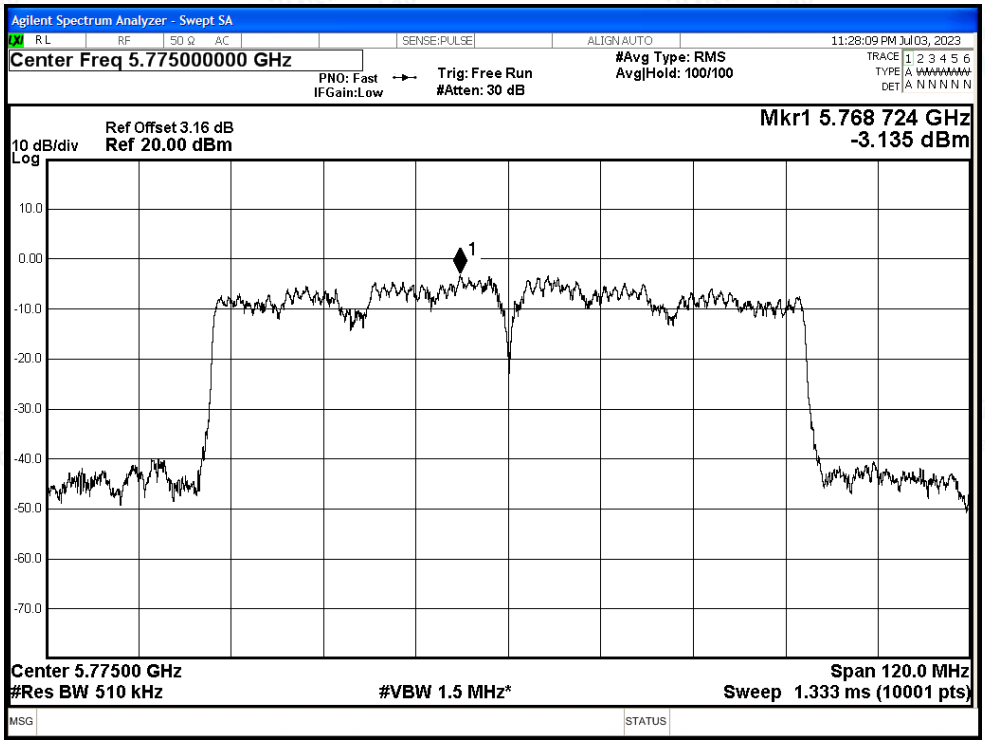


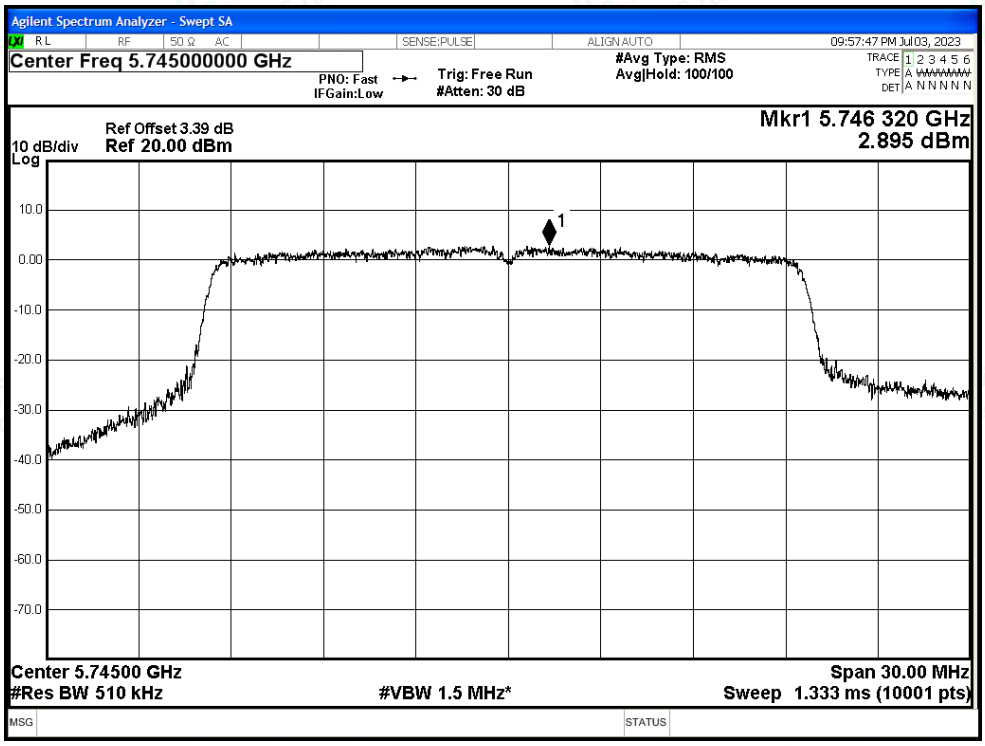
PSD NVNT ac40 5795MHz Ant1



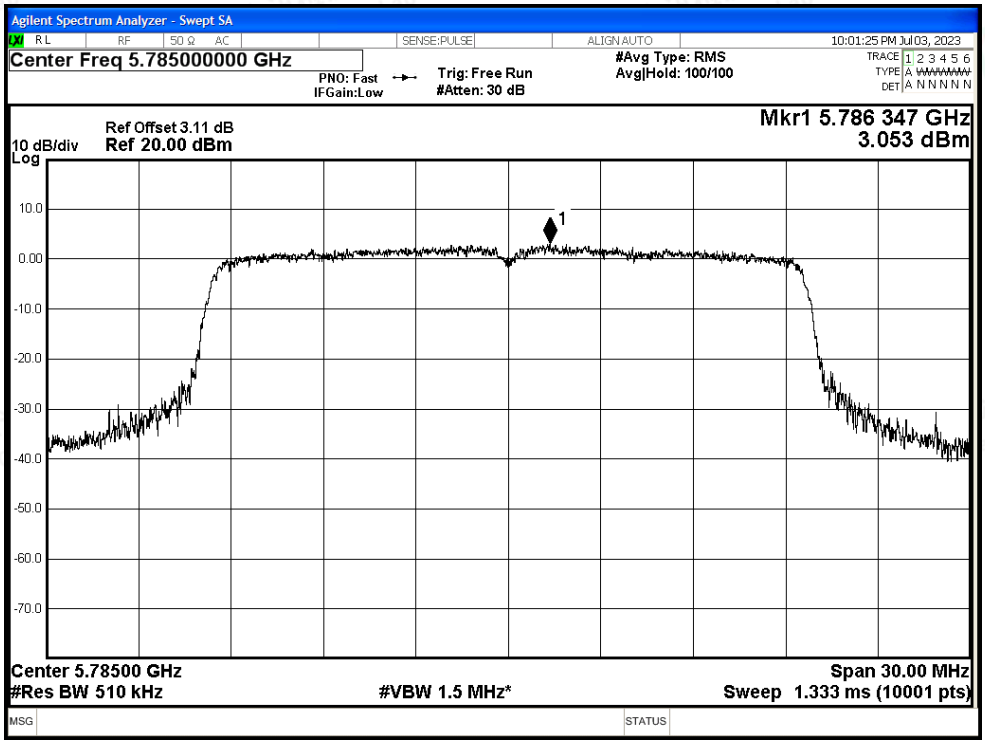
PSD NVNT ac80 5775MHz Ant1



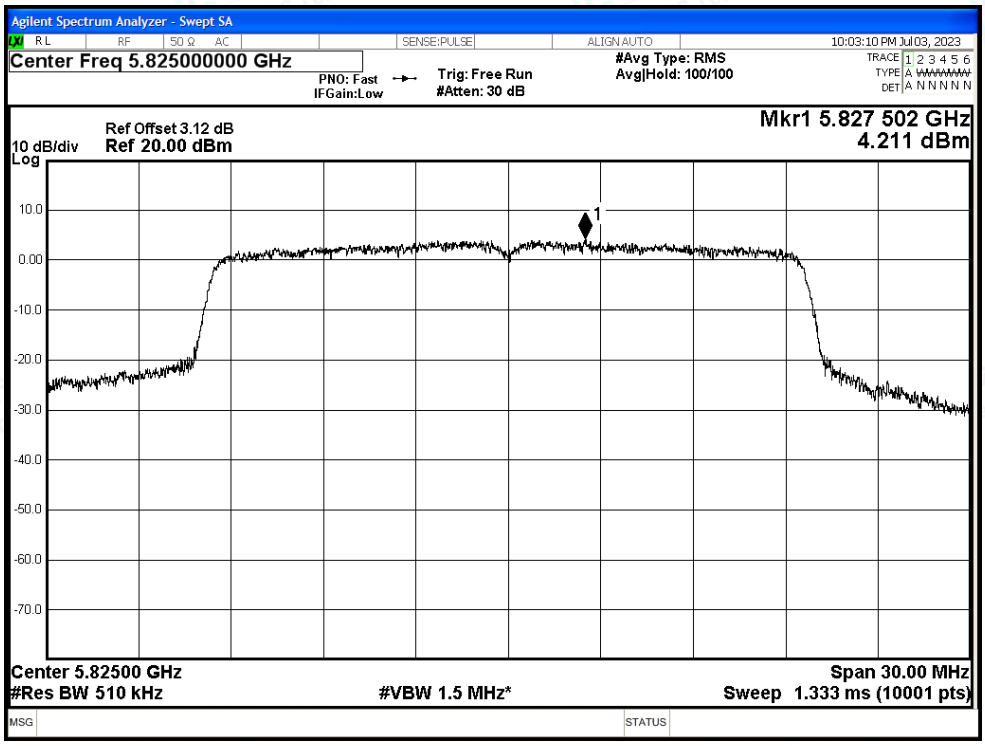
PSD NVNT ax20 5745MHz Ant1



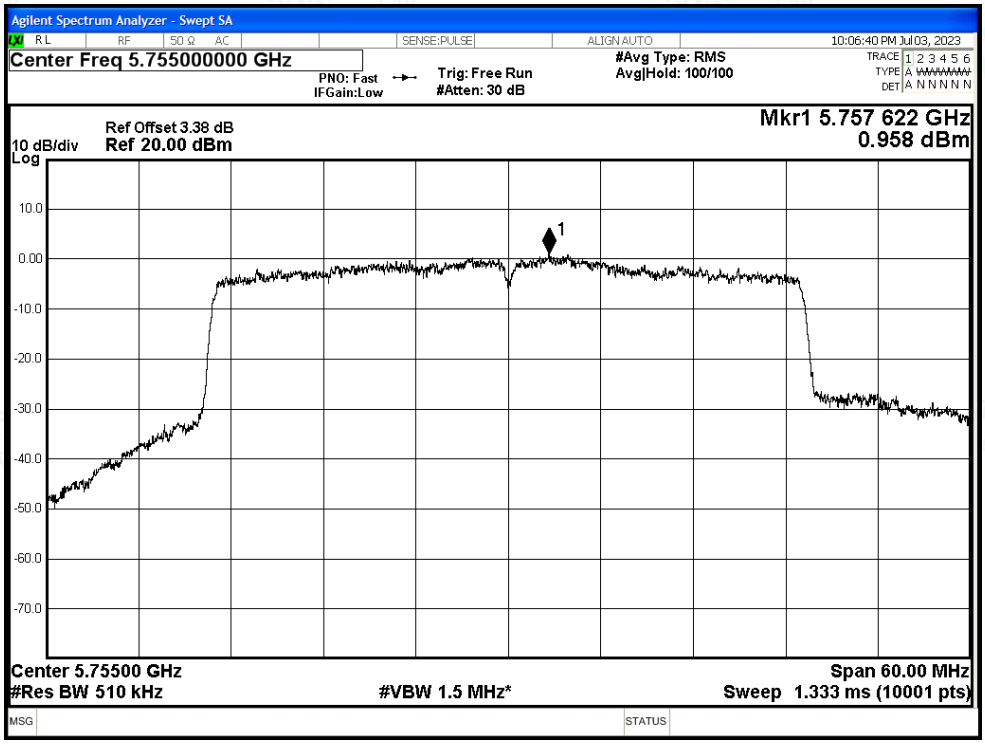
PSD NVNT ax20 5785MHz Ant1



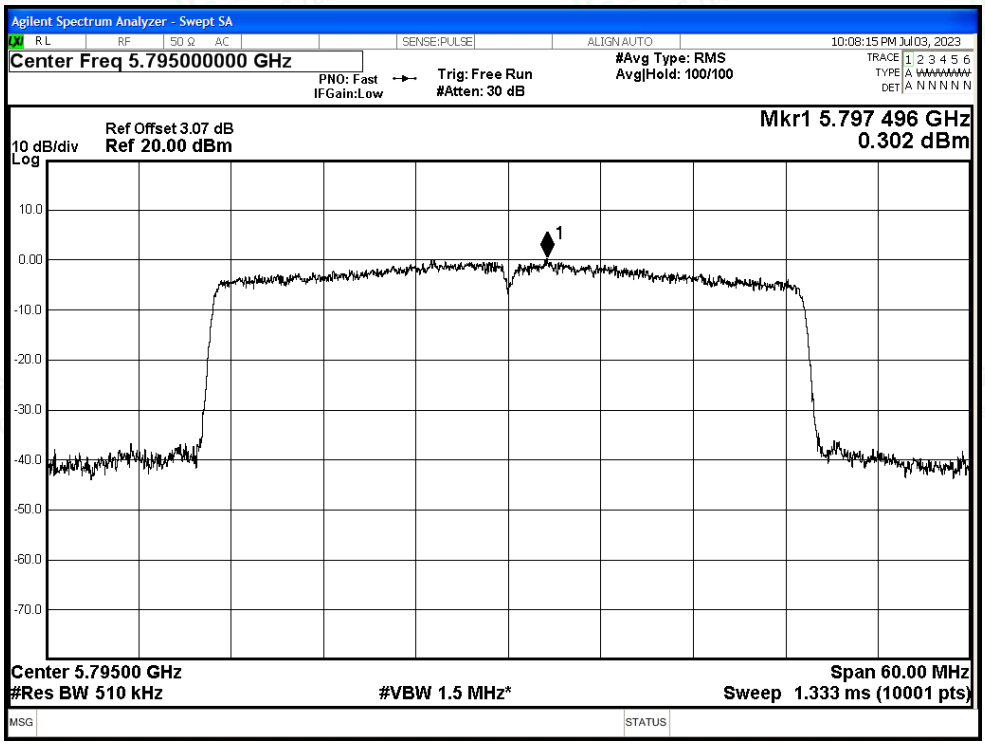
PSD NVNT ax20 5825MHz Ant1



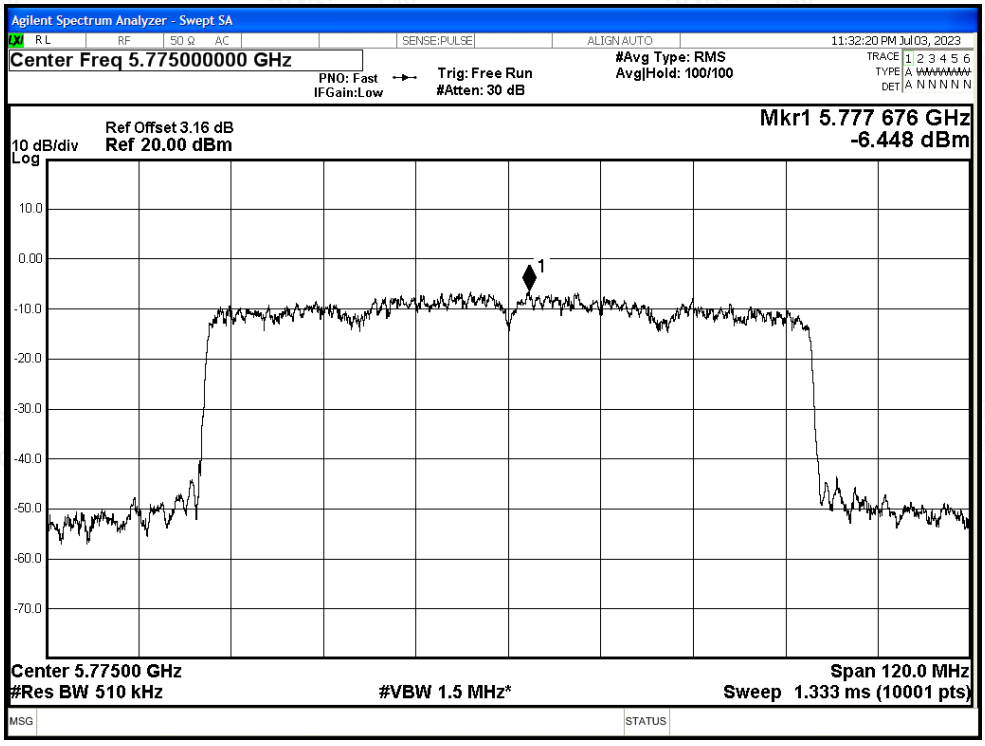
PSD NVNT ax40 5755MHz Ant1



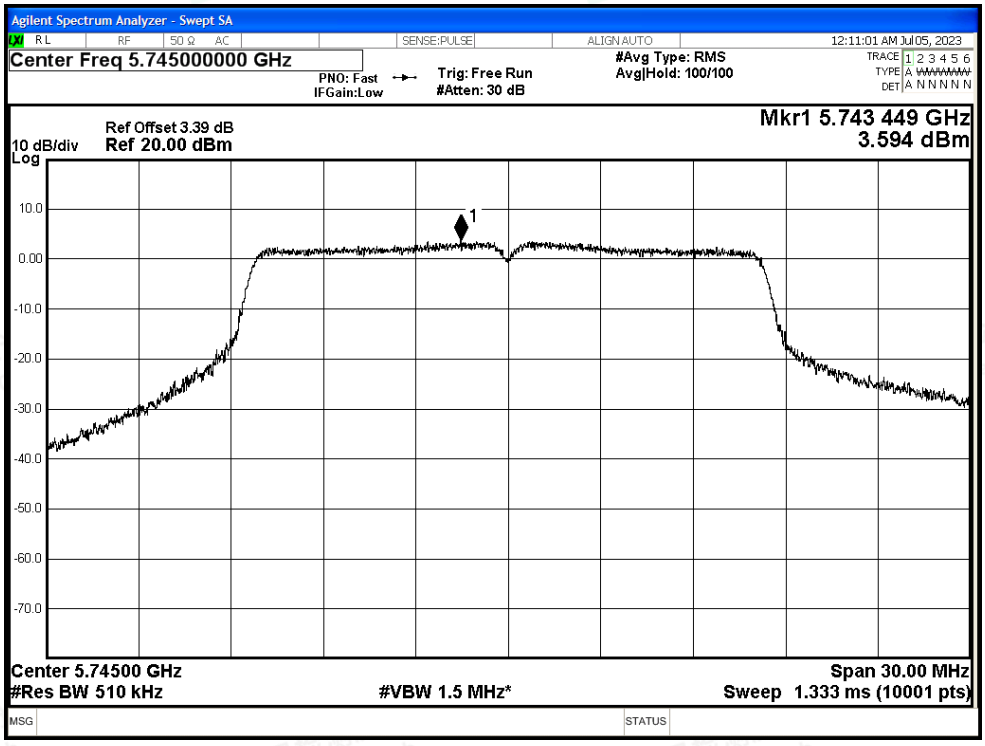
PSD NVNT ax40 5795MHz Ant1



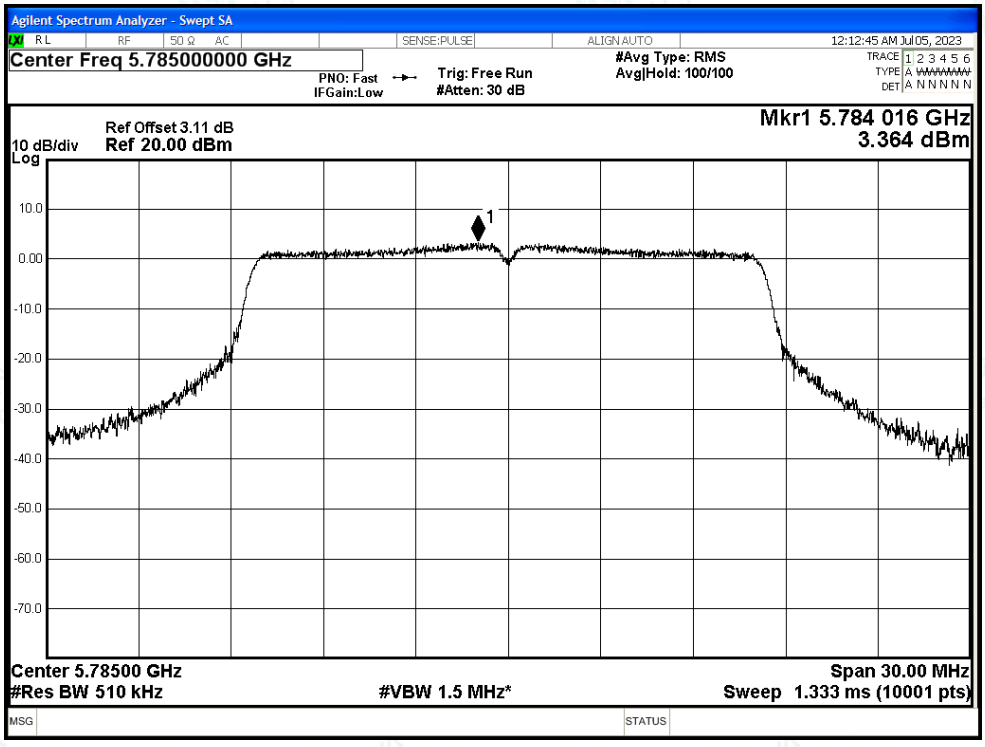
PSD NVNT ax80 5775MHz Ant1



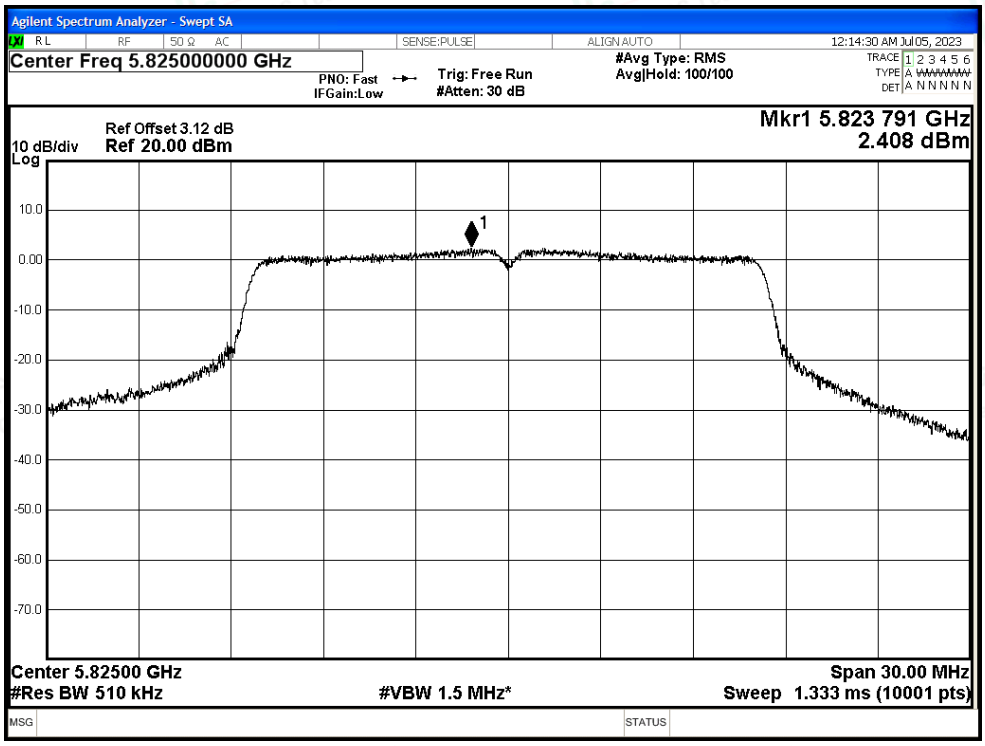
Test Graphs
PSD NVNT a 5745MHz Ant2



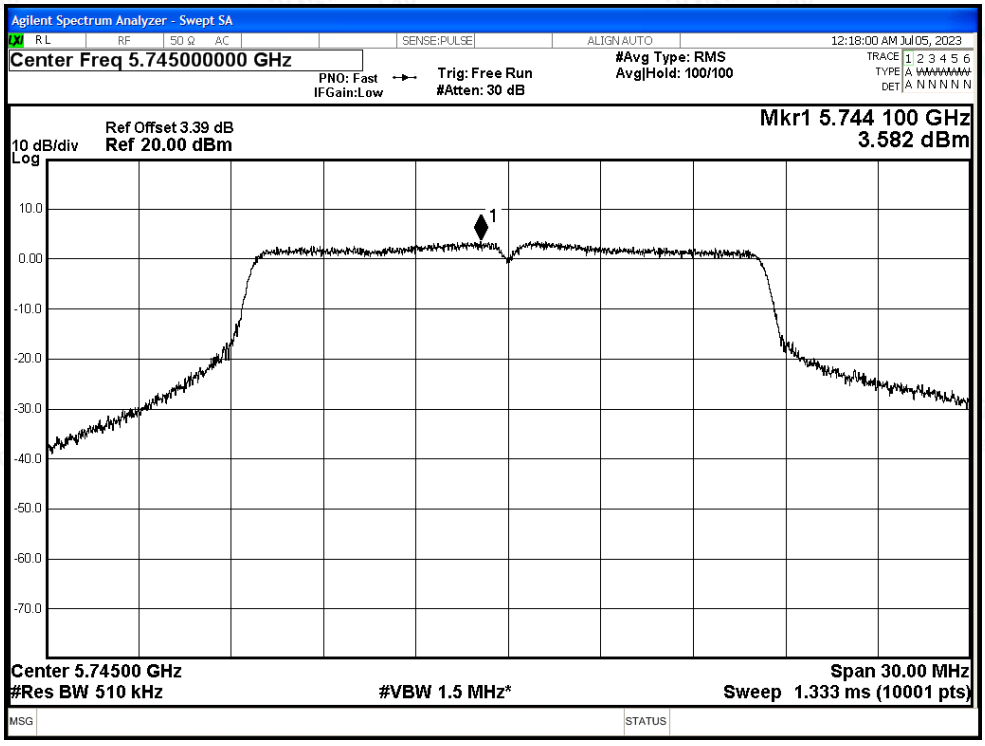
PSD NVNT a 5785MHz Ant2



PSD NVNT a 5825MHz Ant2



PSD NVNT n20 5745MHz Ant2



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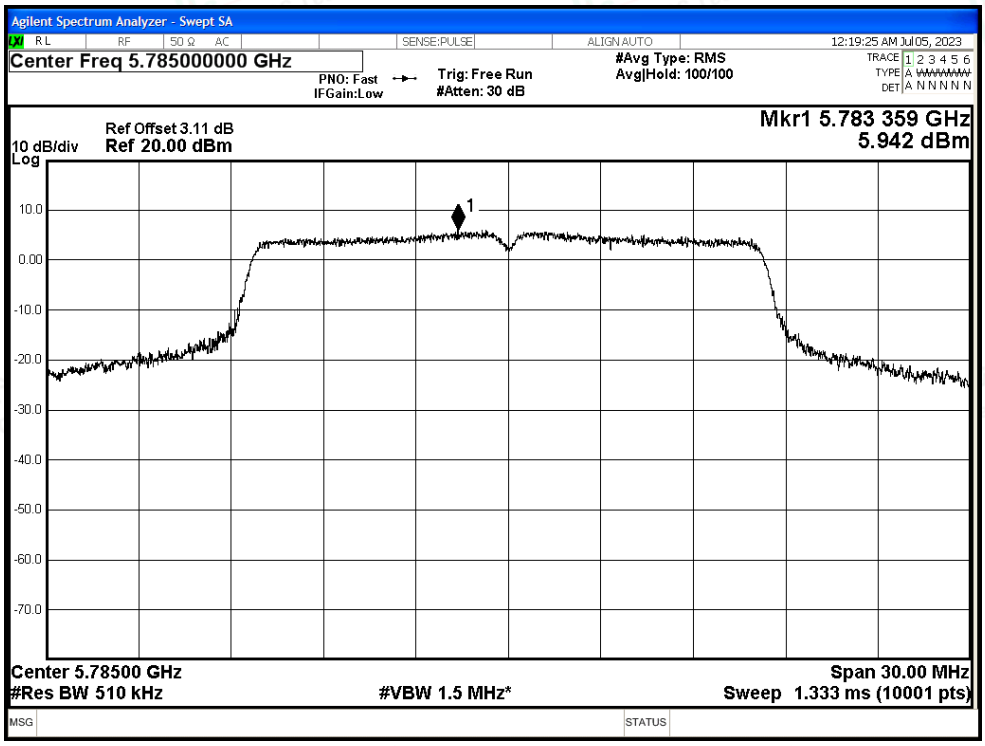
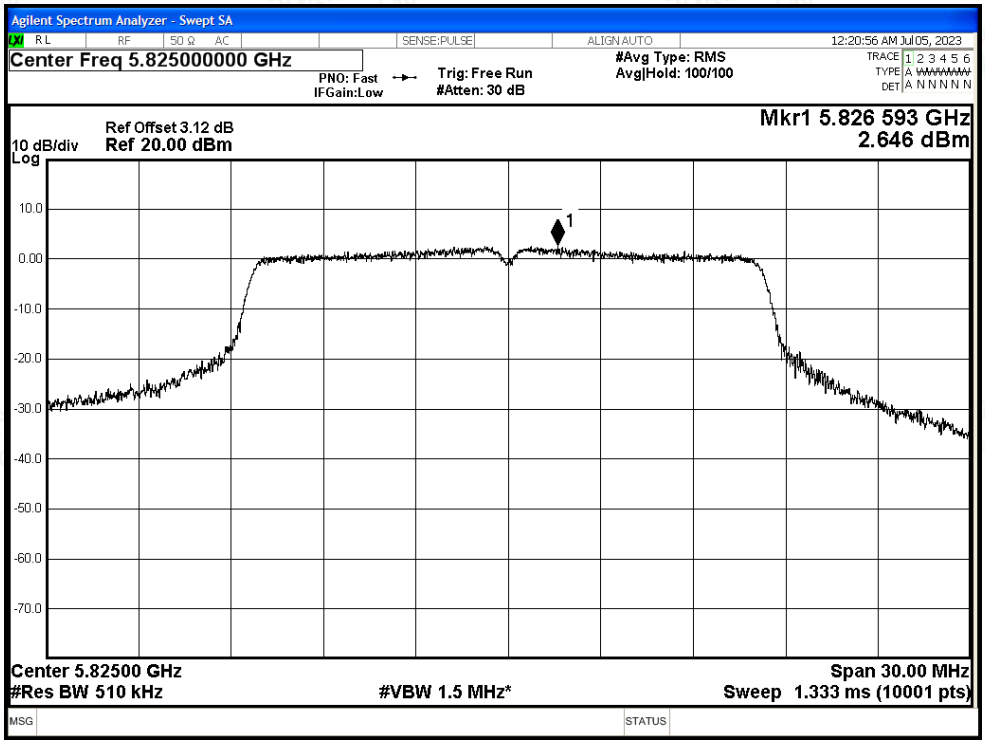
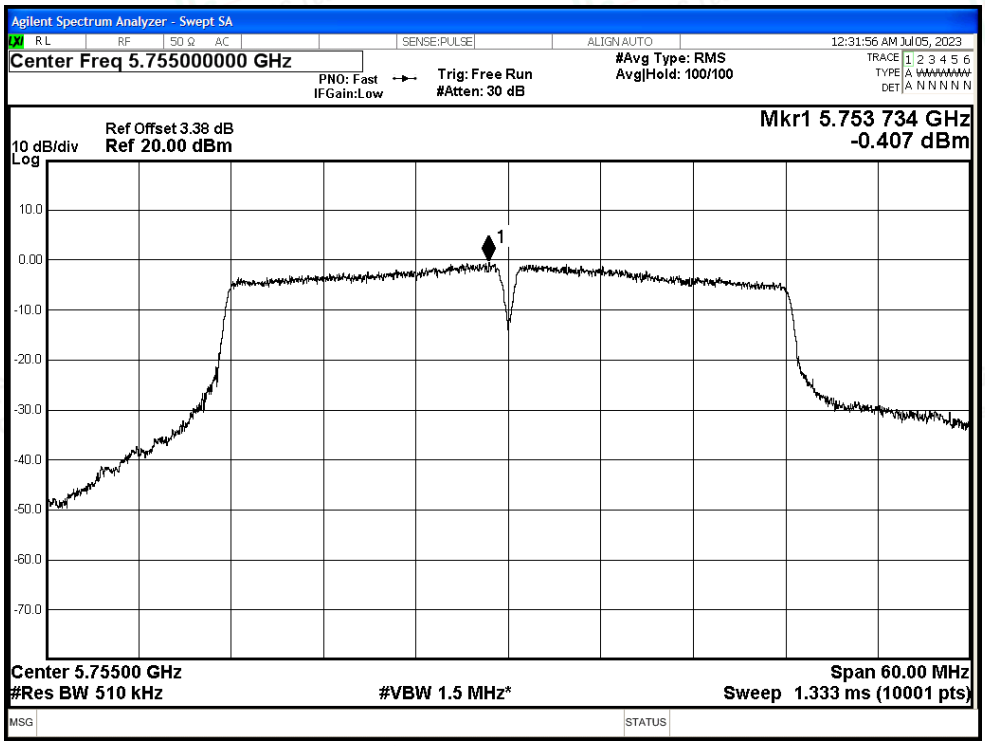


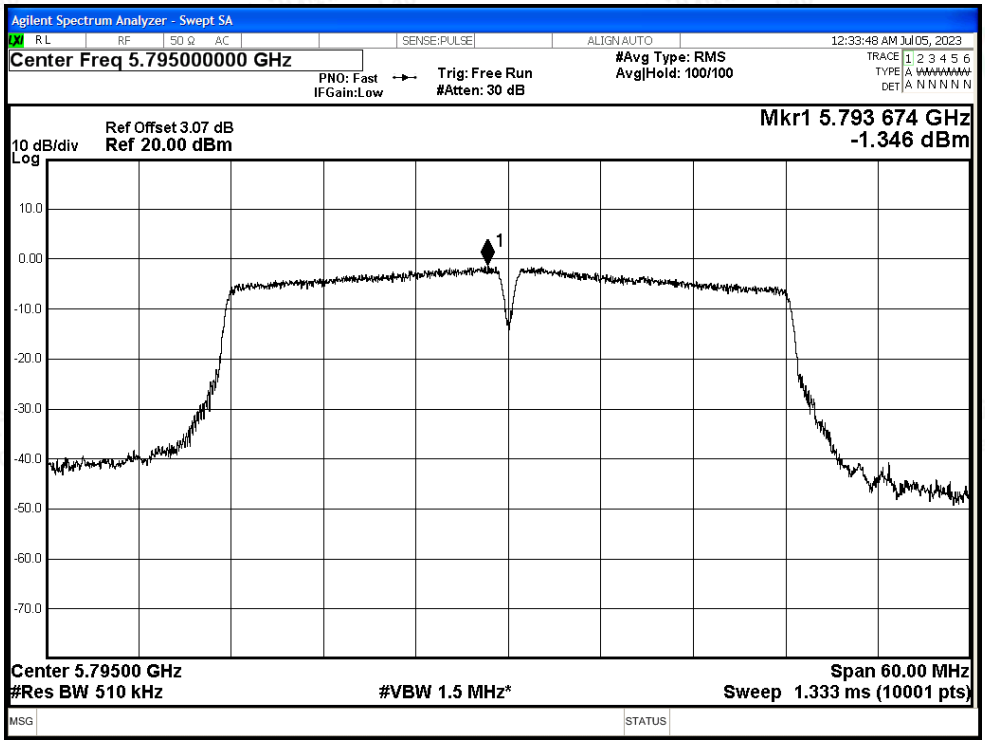
PSD NVNT n20 5825MHz Ant2



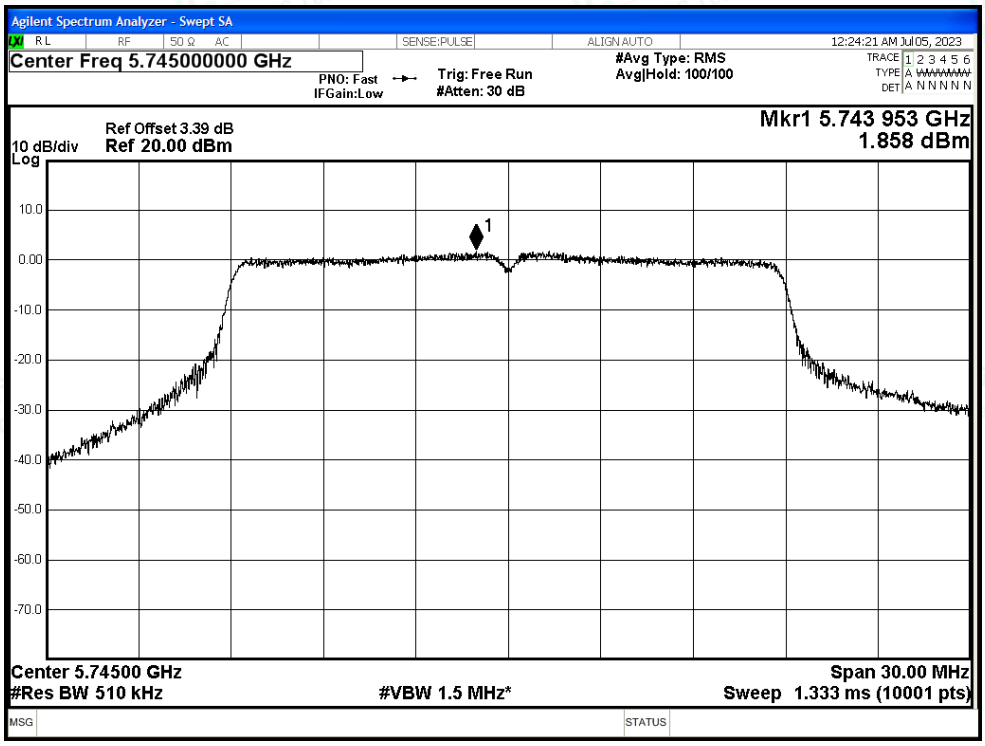
PSD NVNT n40 5755MHz Ant2



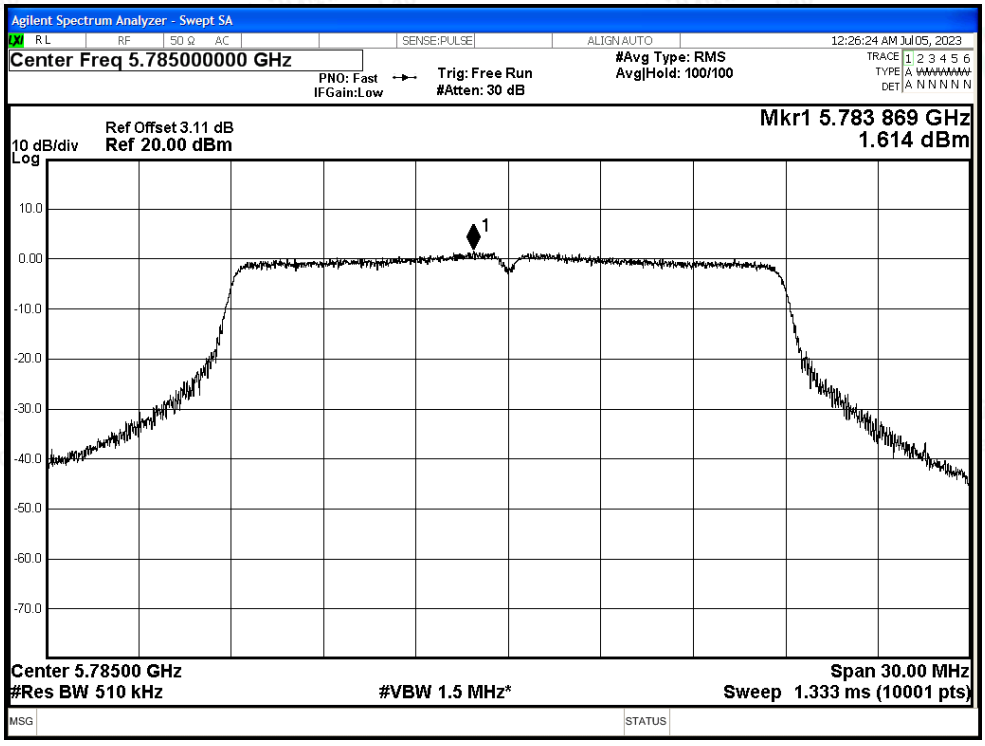
PSD NVNT n40 5795MHz Ant2



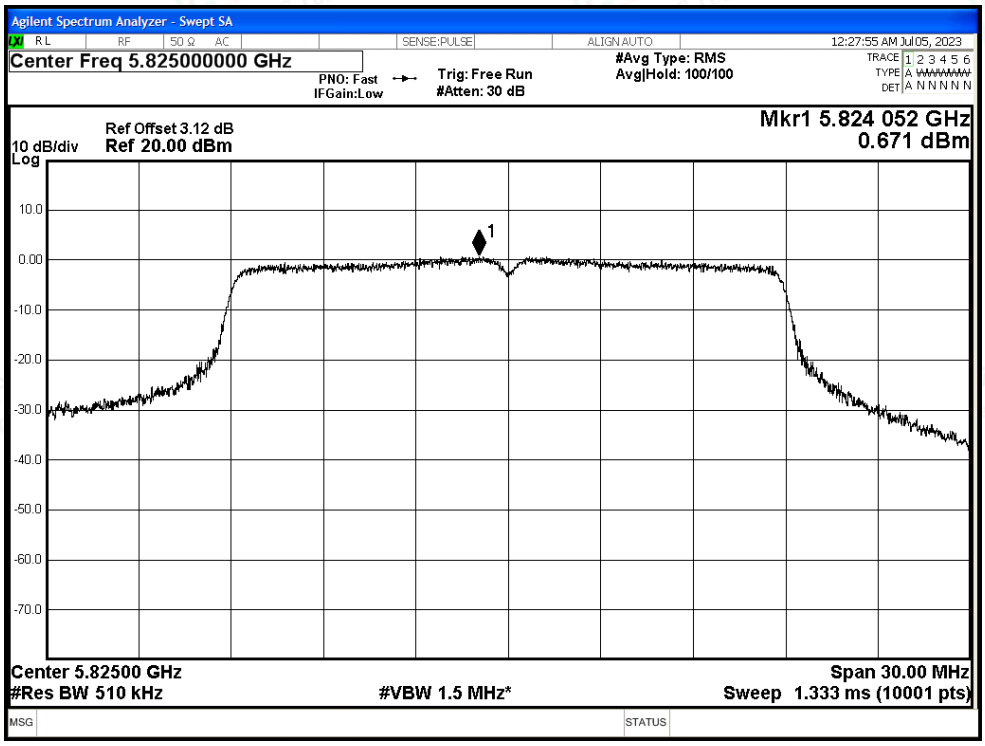
PSD NVNT ac20 5745MHz Ant2



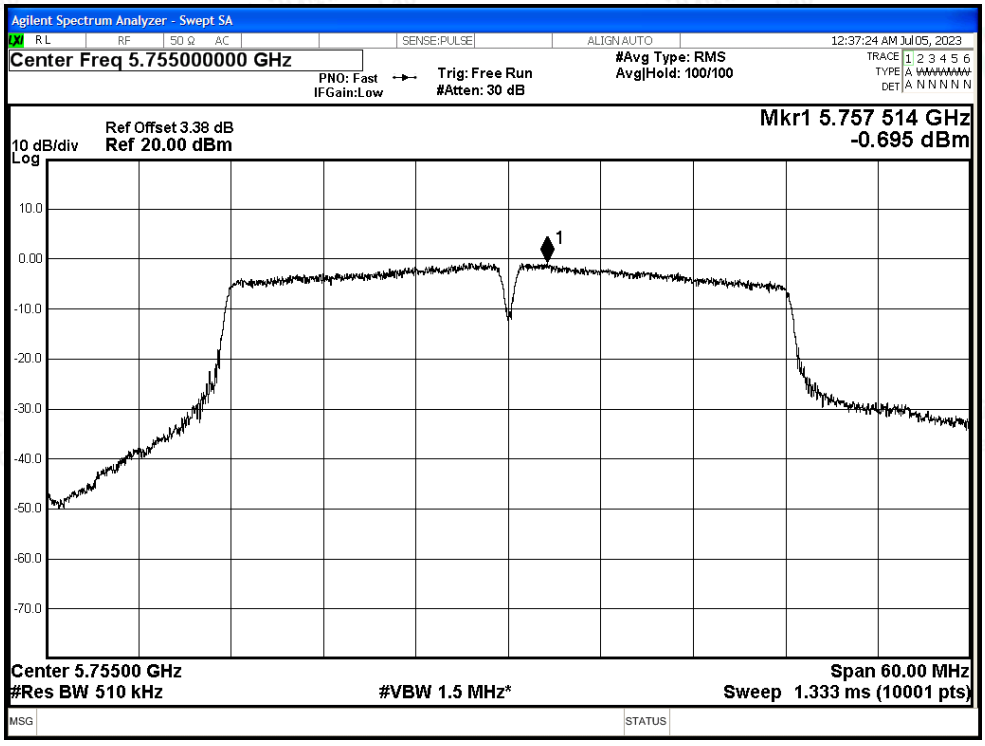
PSD NVNT ac20 5785MHz Ant2



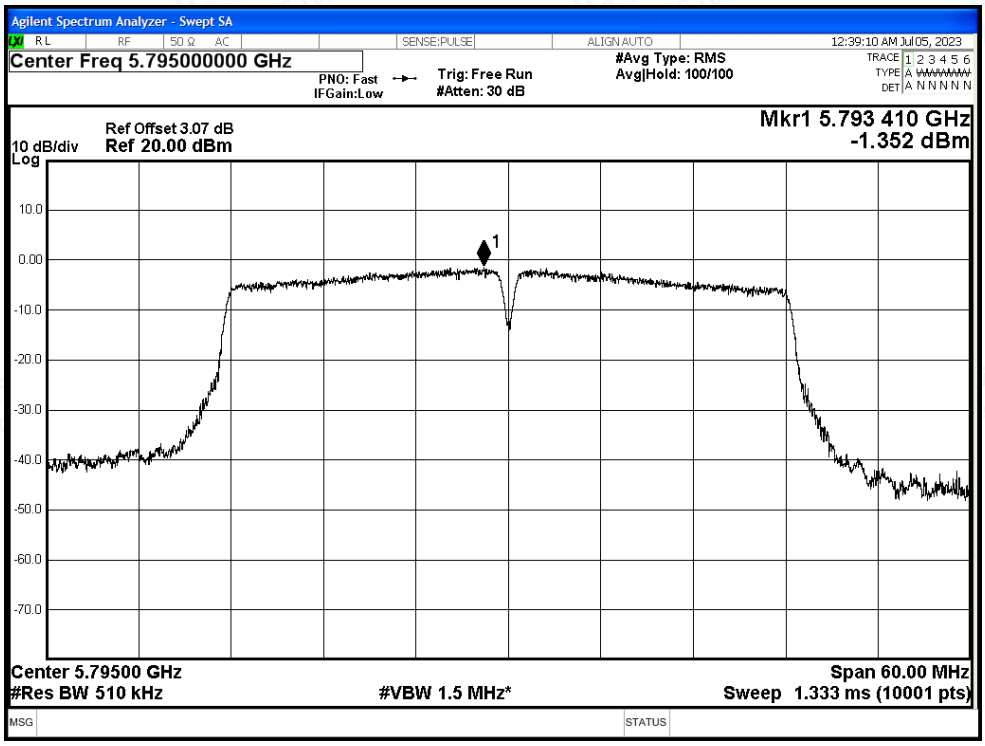
PSD NVNT ac20 5825MHz Ant2



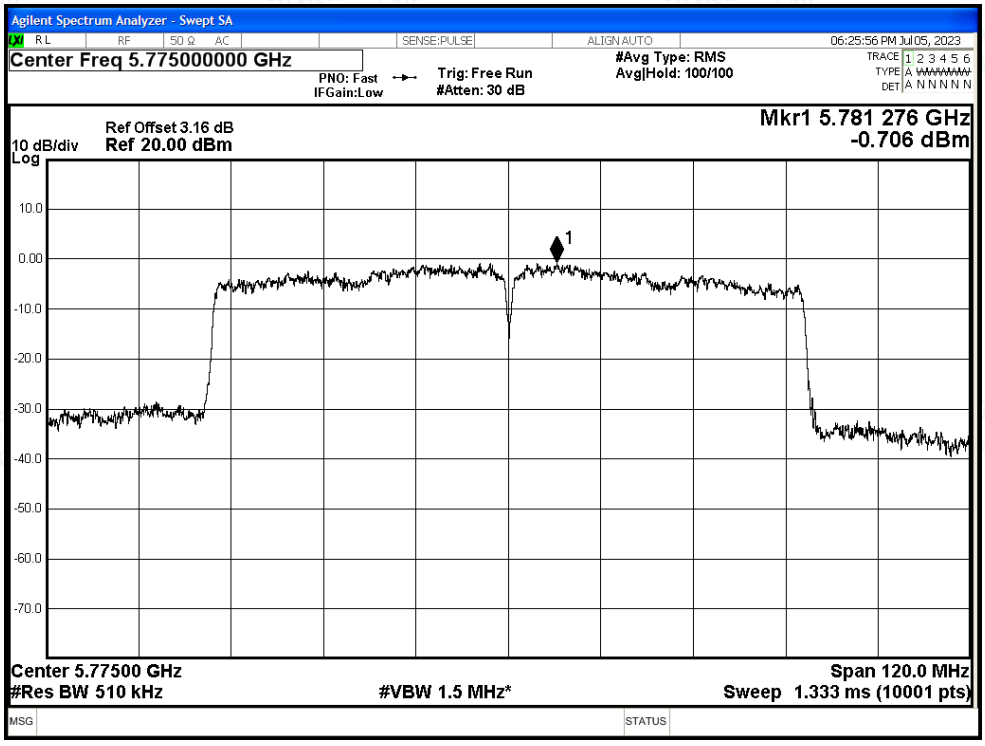
PSD NVNT ac40 5755MHz Ant2



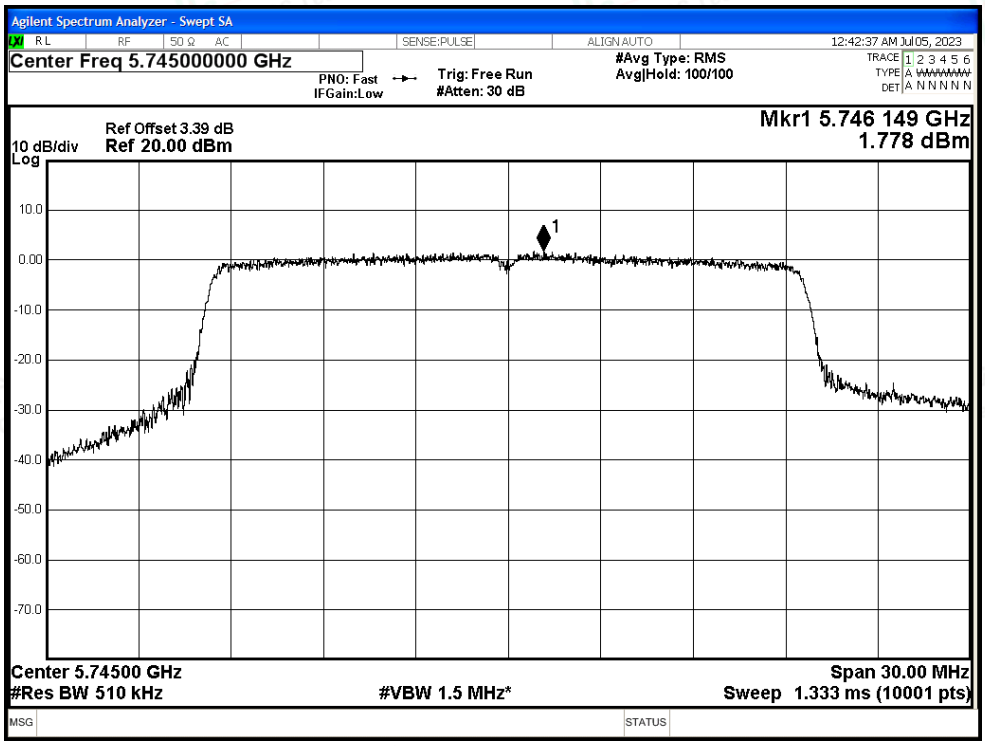
PSD NVNT ac40 5795MHz Ant2



PSD NVNT ac80 5775MHz Ant2



PSD NVNT ax20 5745MHz Ant2



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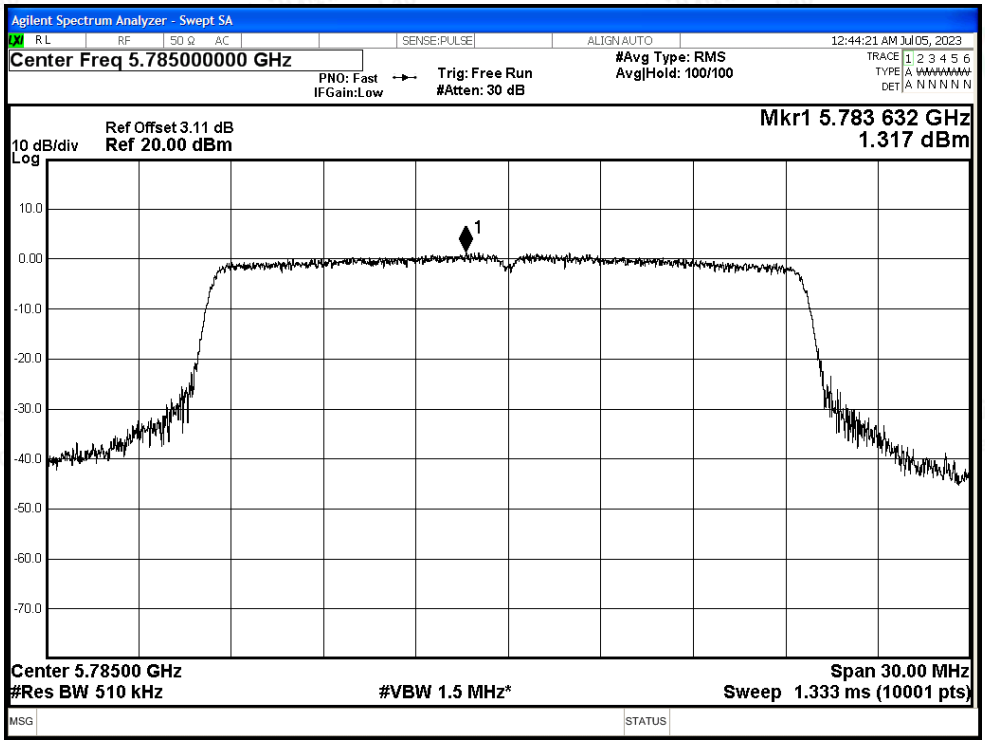
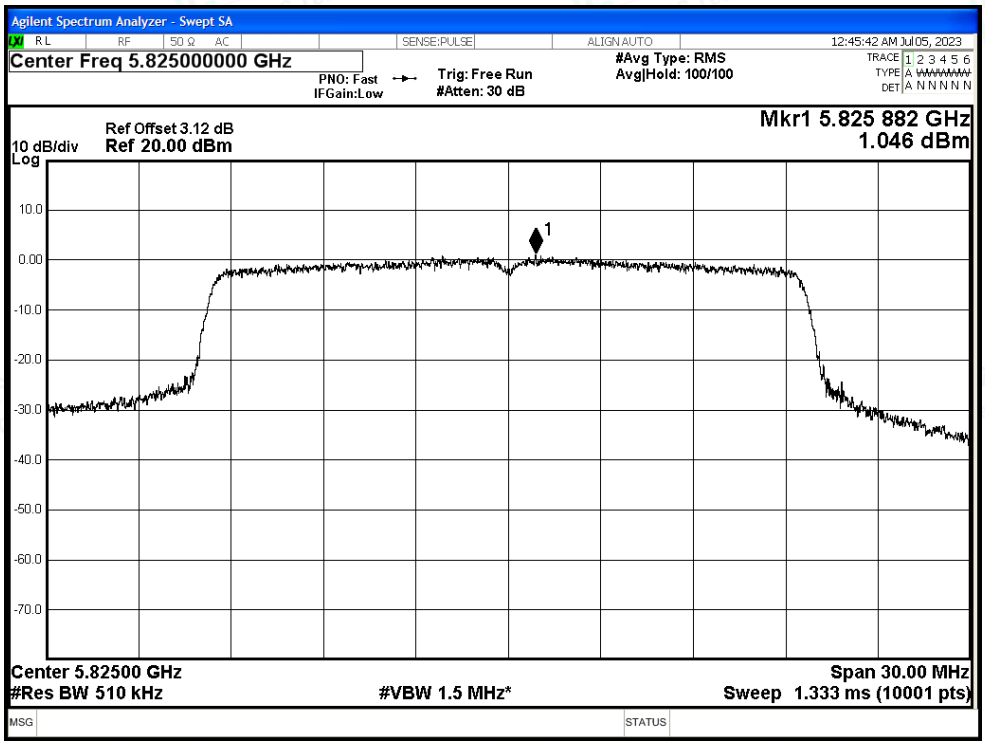
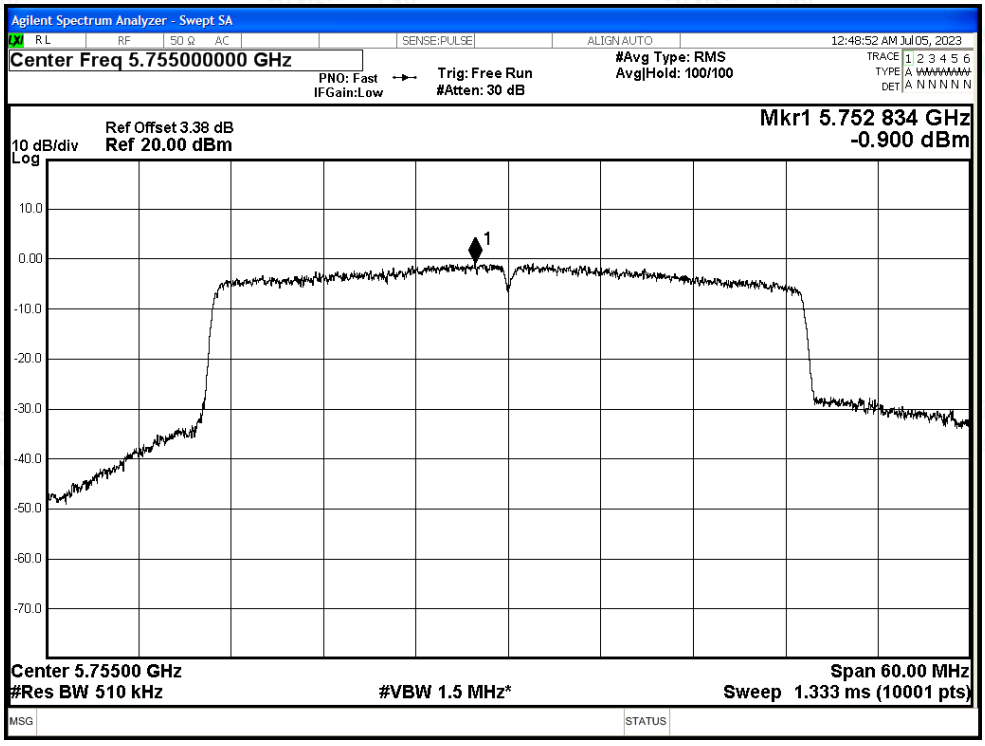


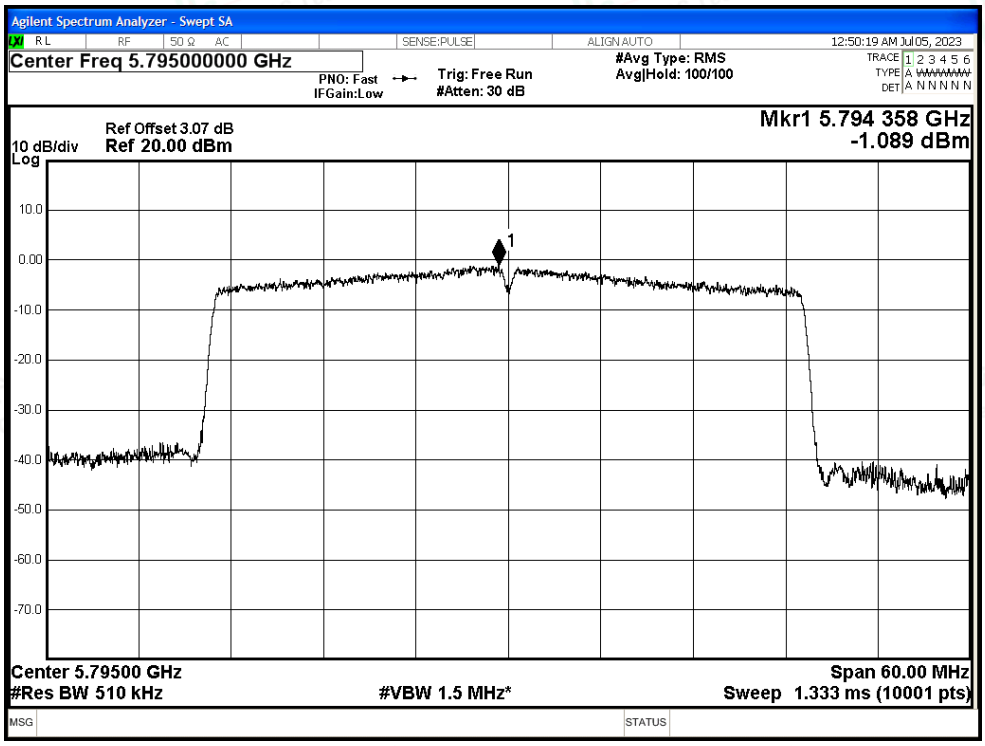
PSD NVNT ax20 5825MHz Ant2



PSD NVNT ax40 5755MHz Ant2



PSD NVNT ax40 5795MHz Ant2



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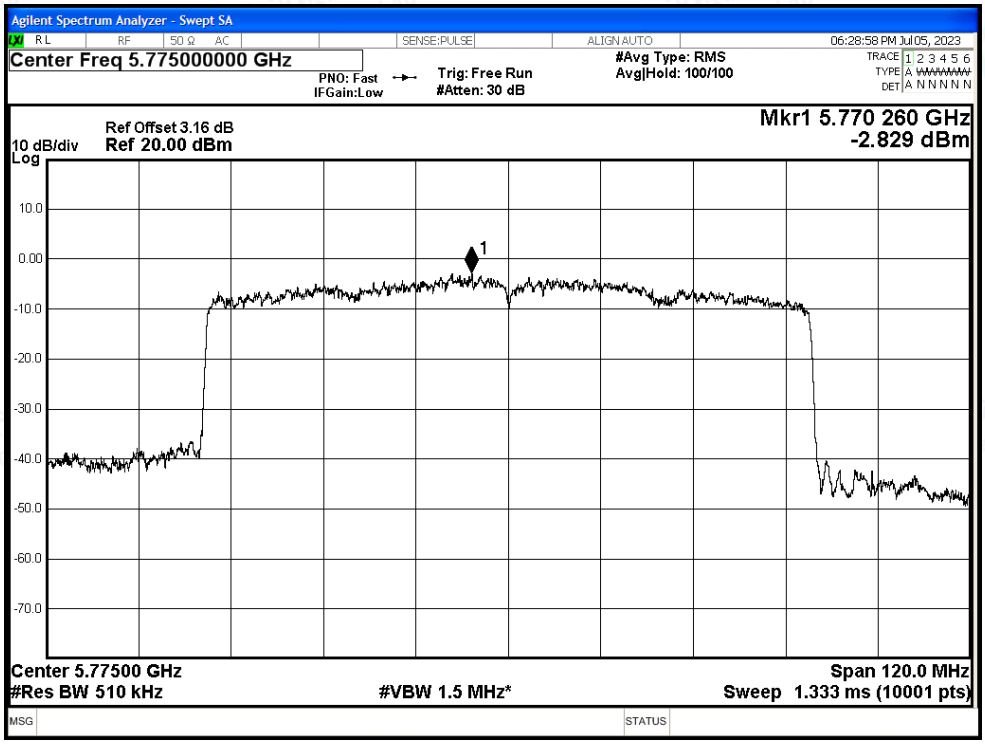


C.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	a	5745	Ant0	5650	-49.29	6.43	-42.86	Peak	-27	Pass
NVNT	a	5745	Ant0	5650	-55.91	6.43	-49.48	Average	-27	Pass
NVNT	a	5745	Ant0	5700	-48.21	6.43	-41.78	Peak	10	Pass
NVNT	a	5745	Ant0	5700	-55.8	6.43	-49.37	Average	10	Pass
NVNT	a	5745	Ant0	5720	-47.48	6.43	-41.05	Peak	15.6	Pass
NVNT	a	5745	Ant0	5720	-55.23	6.43	-48.80	Average	15.6	Pass
NVNT	a	5745	Ant0	5725	-47.28	6.43	-40.85	Peak	27	Pass
NVNT	a	5745	Ant0	5725	-54.31	6.43	-47.88	Average	27	Pass
NVNT	a	5825	Ant0	5850	-48.65	6.43	-42.22	Peak	27	Pass
NVNT	a	5825	Ant0	5850	-56.86	6.43	-50.43	Average	27	Pass
NVNT	a	5825	Ant0	5855	-48.56	6.43	-42.13	Peak	15.6	Pass
NVNT	a	5825	Ant0	5855	-56.82	6.43	-50.39	Average	15.6	Pass
NVNT	a	5825	Ant0	5875	-49.26	6.43	-42.83	Peak	10	Pass
NVNT	a	5825	Ant0	5875	-56.79	6.43	-50.36	Average	10	Pass
NVNT	a	5825	Ant0	5925	-48.67	6.43	-42.24	Peak	-27	Pass
NVNT	a	5825	Ant0	5925	-56.5	6.43	-50.07	Average	-27	Pass
NVNT	n20	5745	Ant0	5650	-47.41	6.43	-40.98	Peak	-27	Pass
NVNT	n20	5745	Ant0	5650	-56.32	6.43	-49.89	Average	-27	Pass
NVNT	n20	5745	Ant0	5700	-49.23	6.43	-42.80	Peak	10	Pass
NVNT	n20	5745	Ant0	5700	-56.36	6.43	-49.93	Average	10	Pass
NVNT	n20	5745	Ant0	5720	-49.14	6.43	-42.71	Peak	15.6	Pass
NVNT	n20	5745	Ant0	5720	-55.82	6.43	-49.39	Average	15.6	Pass
NVNT	n20	5745	Ant0	5725	-47.74	6.43	-41.31	Peak	27	Pass
NVNT	n20	5745	Ant0	5725	-54.89	6.43	-48.46	Average	27	Pass
NVNT	n20	5825	Ant0	5850	-50.76	6.43	-44.33	Peak	27	Pass
NVNT	n20	5825	Ant0	5850	-57.19	6.43	-50.76	Average	27	Pass
NVNT	n20	5825	Ant0	5855	-49.41	6.43	-42.98	Peak	15.6	Pass
NVNT	n20	5825	Ant0	5855	-57.26	6.43	-50.83	Average	15.6	Pass
NVNT	n20	5825	Ant0	5875	-50.35	6.43	-43.92	Peak	10	Pass
NVNT	n20	5825	Ant0	5875	-56.9	6.43	-50.47	Average	10	Pass
NVNT	n20	5825	Ant0	5925	-48.36	6.43	-41.93	Peak	-27	Pass
NVNT	n20	5825	Ant0	5925	-56.63	6.43	-50.20	Average	-27	Pass
NVNT	n40	5755	Ant0	5650	-50.17	6.43	-43.74	Peak	-27	Pass
NVNT	n40	5755	Ant0	5650	-55.7	6.43	-49.27	Average	-27	Pass
NVNT	n40	5755	Ant0	5700	-49.22	6.43	-42.79	Peak	10	Pass
NVNT	n40	5755	Ant0	5700	-55.24	6.43	-48.81	Average	10	Pass

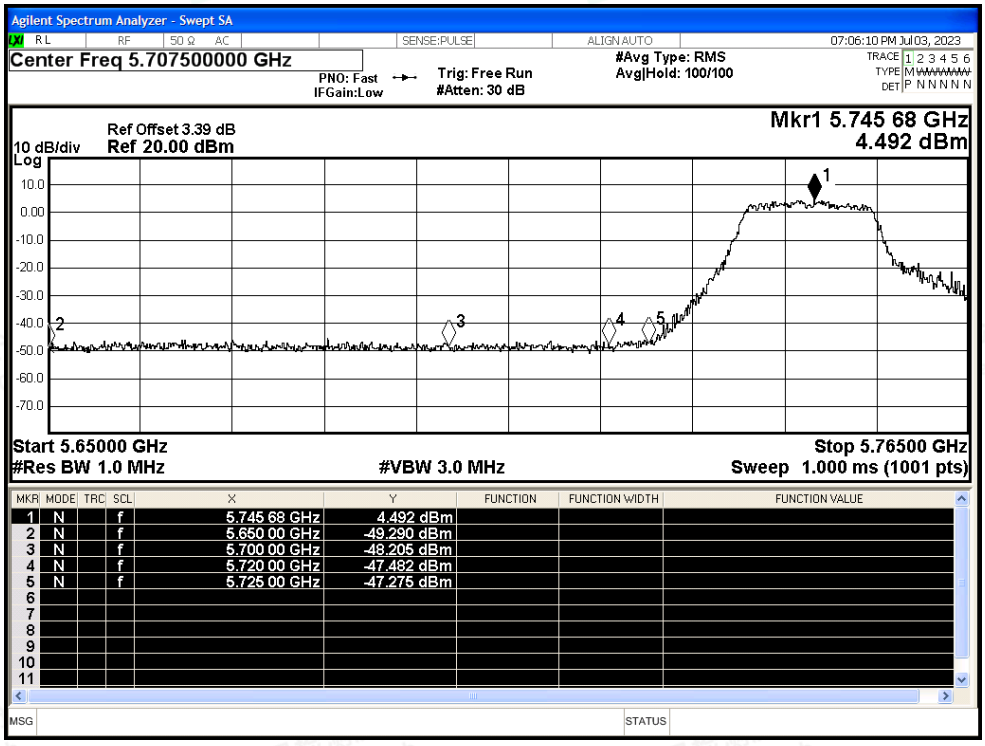
NVNT	n40	5755	Ant0	5720	-48.85	6.43	-42.42	Peak	15.6	Pass
NVNT	n40	5755	Ant0	5720	-54.73	6.43	-48.30	Average	15.6	Pass
NVNT	n40	5755	Ant0	5725	-45.16	6.43	-38.73	Peak	27	Pass
NVNT	n40	5755	Ant0	5725	-52.06	6.43	-45.63	Average	27	Pass
NVNT	n40	5795	Ant0	5850	-51.04	6.43	-44.61	Peak	27	Pass
NVNT	n40	5795	Ant0	5850	-56.58	6.43	-50.15	Average	27	Pass
NVNT	n40	5795	Ant0	5855	-51.56	6.43	-45.13	Peak	15.6	Pass
NVNT	n40	5795	Ant0	5855	-56.61	6.43	-50.18	Average	15.6	Pass
NVNT	n40	5795	Ant0	5875	-50.53	6.43	-44.10	Peak	10	Pass
NVNT	n40	5795	Ant0	5875	-56.37	6.43	-49.94	Average	10	Pass
NVNT	n40	5795	Ant0	5925	-50.33	6.43	-43.90	Peak	-27	Pass
NVNT	n40	5795	Ant0	5925	-56.25	6.43	-49.82	Average	-27	Pass
NVNT	ac20	5745	Ant0	5650	-48.18	6.43	-41.75	Peak	-27	Pass
NVNT	ac20	5745	Ant0	5650	-56.14	6.43	-49.71	Average	-27	Pass
NVNT	ac20	5745	Ant0	5700	-49.74	6.43	-43.31	Peak	10	Pass
NVNT	ac20	5745	Ant0	5700	-56.2	6.43	-49.77	Average	10	Pass
NVNT	ac20	5745	Ant0	5720	-48.77	6.43	-42.34	Peak	15.6	Pass
NVNT	ac20	5745	Ant0	5720	-55.72	6.43	-49.29	Average	15.6	Pass
NVNT	ac20	5745	Ant0	5725	-48.2	6.43	-41.77	Peak	27	Pass
NVNT	ac20	5745	Ant0	5725	-54.34	6.43	-47.91	Average	27	Pass
NVNT	ac20	5825	Ant0	5850	-50.31	6.43	-43.88	Peak	27	Pass
NVNT	ac20	5825	Ant0	5850	-57.02	6.43	-50.59	Average	27	Pass
NVNT	ac20	5825	Ant0	5855	-49.32	6.43	-42.89	Peak	15.6	Pass
NVNT	ac20	5825	Ant0	5855	-56.97	6.43	-50.54	Average	15.6	Pass
NVNT	ac20	5825	Ant0	5875	-49.53	6.43	-43.10	Peak	10	Pass
NVNT	ac20	5825	Ant0	5875	-56.62	6.43	-50.19	Average	10	Pass
NVNT	ac20	5825	Ant0	5925	-47.41	6.43	-40.98	Peak	-27	Pass
NVNT	ac20	5825	Ant0	5925	-56.12	6.43	-49.69	Average	-27	Pass
NVNT	ac40	5755	Ant0	5650	-49.83	6.43	-43.40	Peak	-27	Pass
NVNT	ac40	5755	Ant0	5650	-55.64	6.43	-49.21	Average	-27	Pass
NVNT	ac40	5755	Ant0	5700	-50.17	6.43	-43.74	Peak	10	Pass
NVNT	ac40	5755	Ant0	5700	-55.48	6.43	-49.05	Average	10	Pass
NVNT	ac40	5755	Ant0	5720	-49.64	6.43	-43.21	Peak	15.6	Pass
NVNT	ac40	5755	Ant0	5720	-54.78	6.43	-48.35	Average	15.6	Pass
NVNT	ac40	5755	Ant0	5725	-46.22	6.43	-39.79	Peak	27	Pass
NVNT	ac40	5755	Ant0	5725	-52.21	6.43	-45.78	Average	27	Pass
NVNT	ac40	5795	Ant0	5850	-49.9	6.43	-43.47	Peak	27	Pass
NVNT	ac40	5795	Ant0	5850	-56.6	6.43	-50.17	Average	27	Pass
NVNT	ac40	5795	Ant0	5855	-50.16	6.43	-43.73	Peak	15.6	Pass
NVNT	ac40	5795	Ant0	5855	-56.66	6.43	-50.23	Average	15.6	Pass

NVNT	ac40	5795	Ant0	5875	-51.13	6.43	-44.70	Peak	10	Pass
NVNT	ac40	5795	Ant0	5875	-56.26	6.43	-49.83	Average	10	Pass
NVNT	ac40	5795	Ant0	5925	-49.87	6.43	-43.44	Peak	-27	Pass
NVNT	ac40	5795	Ant0	5925	-56.24	6.43	-49.81	Average	-27	Pass
NVNT	ac80	5775	Ant0	5850	-49.74	6.43	-43.31	Peak	27	Pass
NVNT	ac80	5775	Ant0	5850	-55.6	6.43	-49.17	Average	27	Pass
NVNT	ac80	5775	Ant0	5855	-50.3	6.43	-43.87	Peak	15.6	Pass
NVNT	ac80	5775	Ant0	5855	-55.91	6.43	-49.48	Average	15.6	Pass
NVNT	ac80	5775	Ant0	5875	-49.88	6.43	-43.45	Peak	10	Pass
NVNT	ac80	5775	Ant0	5875	-55.71	6.43	-49.28	Average	10	Pass
NVNT	ac80	5775	Ant0	5925	-49.84	6.43	-43.41	Peak	-27	Pass
NVNT	ac80	5775	Ant0	5925	-55.63	6.43	-49.20	Average	-27	Pass
NVNT	ac80	5775	Ant0	5650	-50.94	6.43	-44.51	Peak	-27	Pass
NVNT	ac80	5775	Ant0	5650	-55.53	6.43	-49.10	Average	-27	Pass
NVNT	ac80	5775	Ant0	5700	-48.17	6.43	-41.74	Peak	10	Pass
NVNT	ac80	5775	Ant0	5700	-54.71	6.43	-48.28	Average	10	Pass
NVNT	ac80	5775	Ant0	5720	-48.71	6.43	-42.28	Peak	15.6	Pass
NVNT	ac80	5775	Ant0	5720	-54.43	6.43	-48.00	Average	15.6	Pass
NVNT	ac80	5775	Ant0	5725	-47.88	6.43	-41.45	Peak	27	Pass
NVNT	ac80	5775	Ant0	5725	-52.45	6.43	-46.02	Average	27	Pass
NVNT	ax20	5745	Ant0	5650	-48.87	6.43	-42.44	Peak	-27	Pass
NVNT	ax20	5745	Ant0	5650	-55.88	6.43	-49.45	Average	-27	Pass
NVNT	ax20	5745	Ant0	5700	-47.81	6.43	-41.38	Peak	10	Pass
NVNT	ax20	5745	Ant0	5700	-55.76	6.43	-49.33	Average	10	Pass
NVNT	ax20	5745	Ant0	5720	-48.38	6.43	-41.95	Peak	15.6	Pass
NVNT	ax20	5745	Ant0	5720	-55.7	6.43	-49.27	Average	15.6	Pass
NVNT	ax20	5745	Ant0	5725	-49.03	6.43	-42.60	Peak	27	Pass
NVNT	ax20	5745	Ant0	5725	-54.24	6.43	-47.81	Average	27	Pass
NVNT	ax20	5825	Ant0	5850	-50.99	6.43	-44.56	Peak	27	Pass
NVNT	ax20	5825	Ant0	5850	-56.79	6.43	-50.36	Average	27	Pass
NVNT	ax20	5825	Ant0	5855	-51.39	6.43	-44.96	Peak	15.6	Pass
NVNT	ax20	5825	Ant0	5855	-56.87	6.43	-50.44	Average	15.6	Pass
NVNT	ax20	5825	Ant0	5875	-51.19	6.43	-44.76	Peak	10	Pass
NVNT	ax20	5825	Ant0	5875	-56.52	6.43	-50.09	Average	10	Pass
NVNT	ax20	5825	Ant0	5925	-50.06	6.43	-43.63	Peak	-27	Pass
NVNT	ax20	5825	Ant0	5925	-56.4	6.43	-49.97	Average	-27	Pass
NVNT	ax40	5755	Ant0	5650	-50.56	6.43	-44.13	Peak	-27	Pass
NVNT	ax40	5755	Ant0	5650	-55.89	6.43	-49.46	Average	-27	Pass
NVNT	ax40	5755	Ant0	5700	-47.48	6.43	-41.05	Peak	10	Pass
NVNT	ax40	5755	Ant0	5700	-55.3	6.43	-48.87	Average	10	Pass

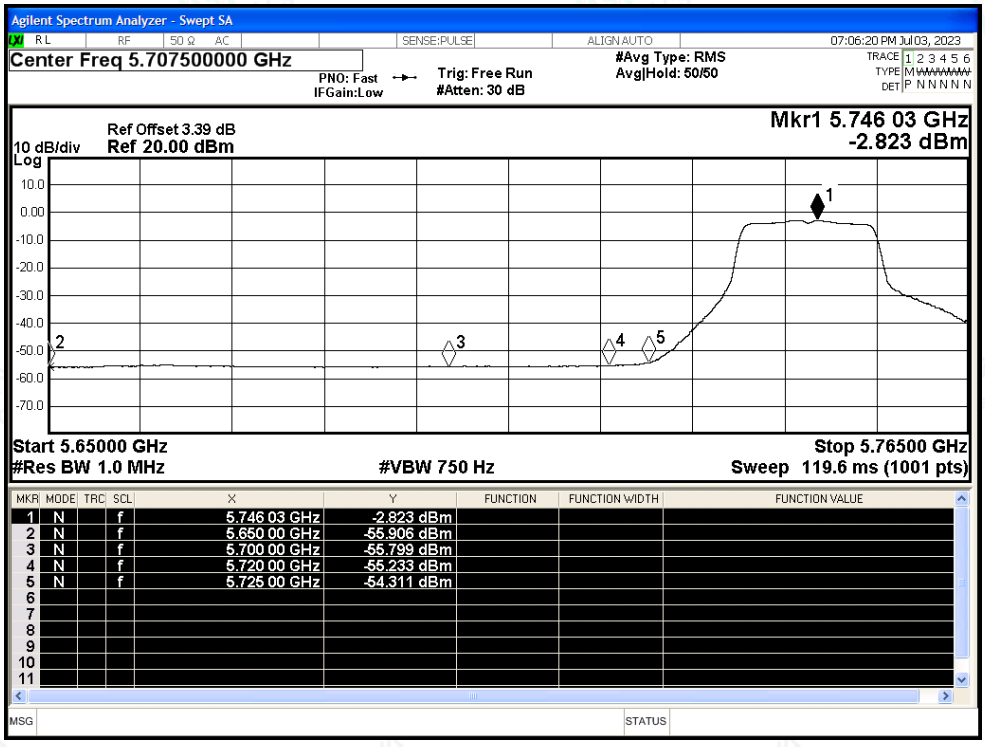
NVNT	ax40	5755	Ant0	5720	-48.06	6.43	-41.63	Peak	15.6	Pass
NVNT	ax40	5755	Ant0	5720	-54.68	6.43	-48.25	Average	15.6	Pass
NVNT	ax40	5755	Ant0	5725	-46.72	6.43	-40.29	Peak	27	Pass
NVNT	ax40	5755	Ant0	5725	-52.05	6.43	-45.62	Average	27	Pass
NVNT	ax40	5795	Ant0	5850	-51.32	6.43	-44.89	Peak	27	Pass
NVNT	ax40	5795	Ant0	5850	-56.55	6.43	-50.12	Average	27	Pass
NVNT	ax40	5795	Ant0	5855	-49.76	6.43	-43.33	Peak	15.6	Pass
NVNT	ax40	5795	Ant0	5855	-56.82	6.43	-50.39	Average	15.6	Pass
NVNT	ax40	5795	Ant0	5875	-51.17	6.43	-44.74	Peak	10	Pass
NVNT	ax40	5795	Ant0	5875	-56.48	6.43	-50.05	Average	10	Pass
NVNT	ax40	5795	Ant0	5925	-49.24	6.43	-42.81	Peak	-27	Pass
NVNT	ax40	5795	Ant0	5925	-55.97	6.43	-49.54	Average	-27	Pass
NVNT	ax80	5775	Ant0	5850	-50.63	6.43	-44.20	Peak	27	Pass
NVNT	ax80	5775	Ant0	5850	-55.06	6.43	-48.63	Average	27	Pass
NVNT	ax80	5775	Ant0	5855	-49.08	6.43	-42.65	Peak	15.6	Pass
NVNT	ax80	5775	Ant0	5855	-55.35	6.43	-48.92	Average	15.6	Pass
NVNT	ax80	5775	Ant0	5875	-48	6.43	-41.57	Peak	10	Pass
NVNT	ax80	5775	Ant0	5875	-55.87	6.43	-49.44	Average	10	Pass
NVNT	ax80	5775	Ant0	5925	-51.28	6.43	-44.85	Peak	-27	Pass
NVNT	ax80	5775	Ant0	5925	-55.54	6.43	-49.11	Average	-27	Pass
NVNT	ax80	5775	Ant0	5650	-50.28	6.43	-43.85	Peak	-27	Pass
NVNT	ax80	5775	Ant0	5650	-55.29	6.43	-48.86	Average	-27	Pass
NVNT	ax80	5775	Ant0	5700	-46.63	6.43	-40.20	Peak	10	Pass
NVNT	ax80	5775	Ant0	5700	-54.54	6.43	-48.11	Average	10	Pass
NVNT	ax80	5775	Ant0	5720	-48	6.43	-41.57	Peak	15.6	Pass
NVNT	ax80	5775	Ant0	5720	-53.93	6.43	-47.50	Average	15.6	Pass
NVNT	ax80	5775	Ant0	5725	-47.81	6.43	-41.38	Peak	27	Pass
NVNT	ax80	5775	Ant0	5725	-52.29	6.43	-45.86	Average	27	Pass

Test Graphs

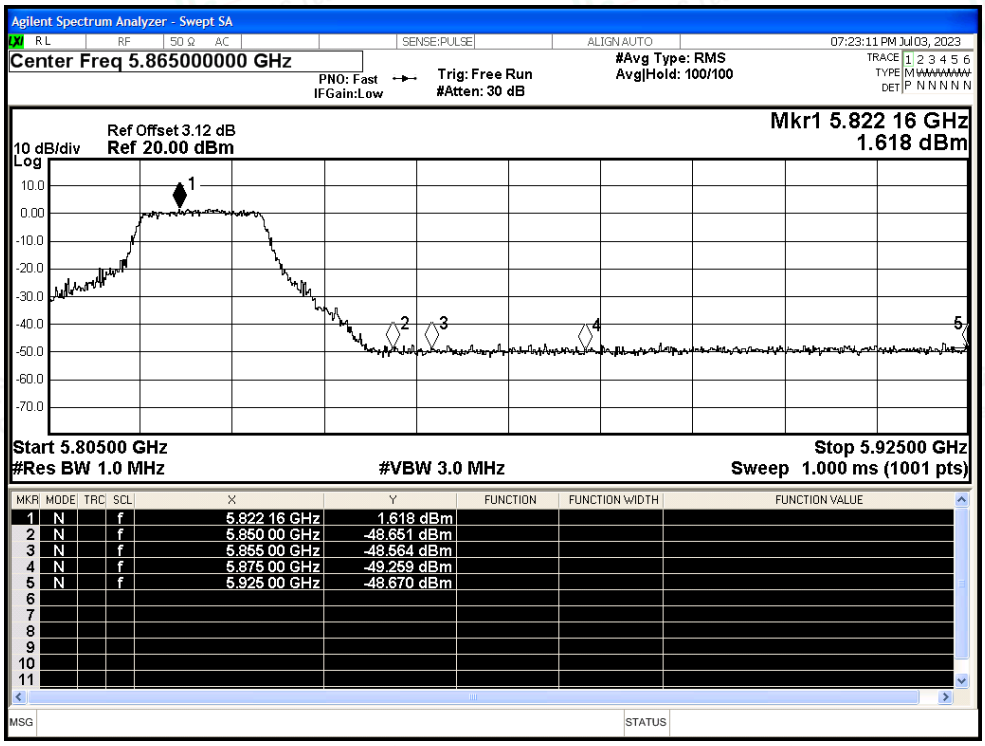
Restrict Band NVNT a 5745MHz Ant0 Peak



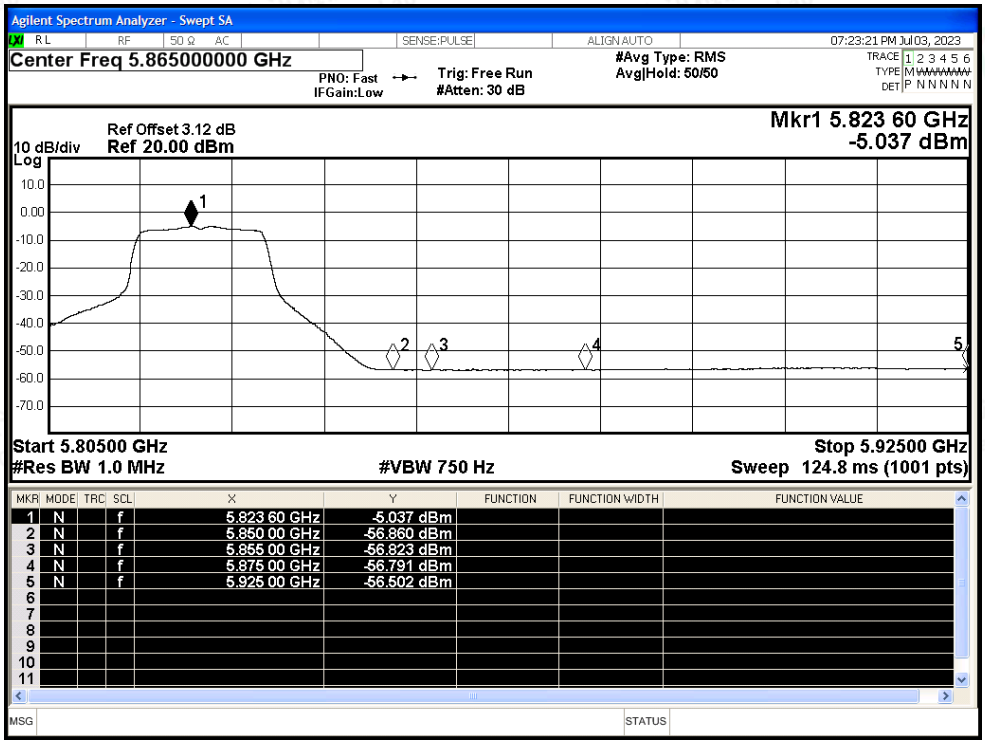
Restrict Band NVNT a 5745MHz Ant0 Average



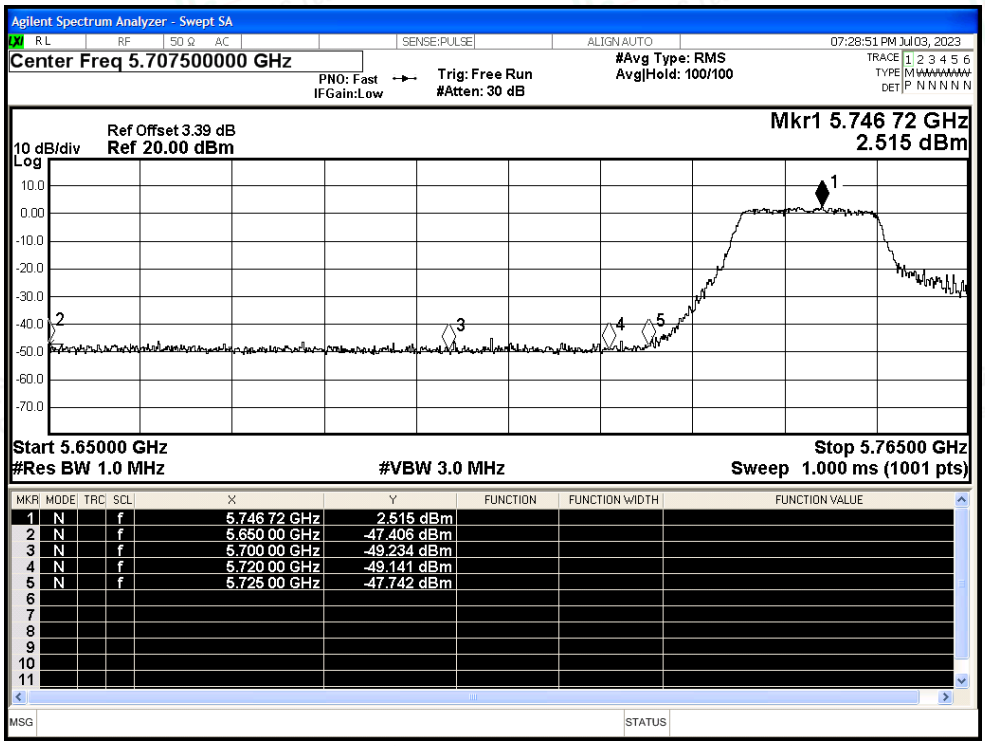
Restrict Band NVNT a 5825MHz Ant0 Peak



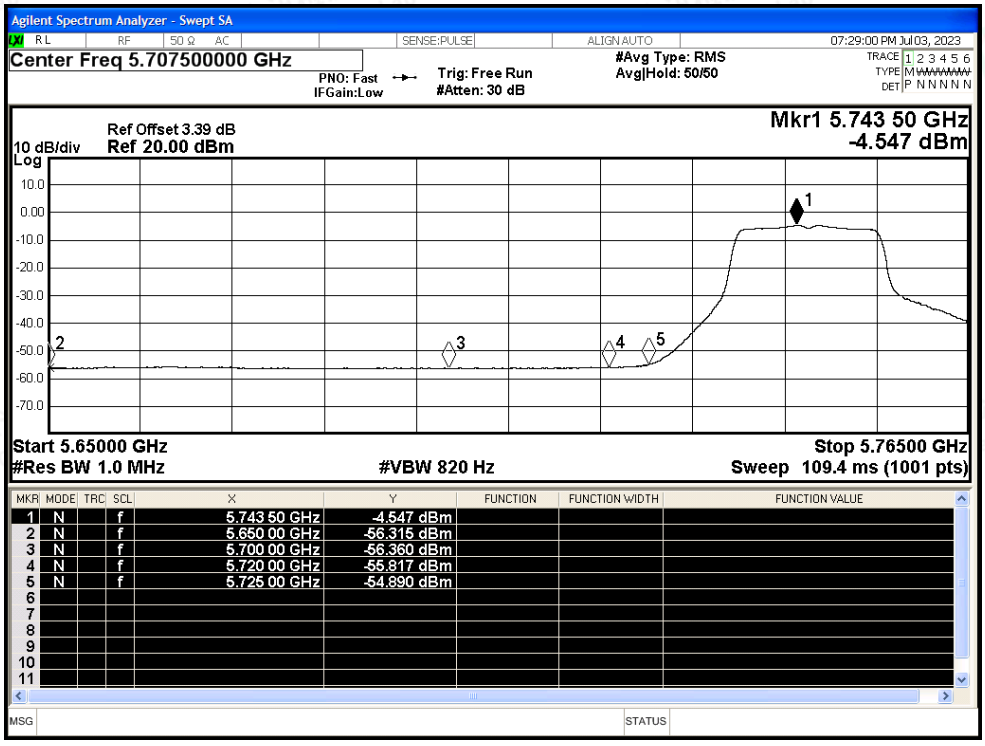
Restrict Band NVNT a 5825MHz Ant0 Average



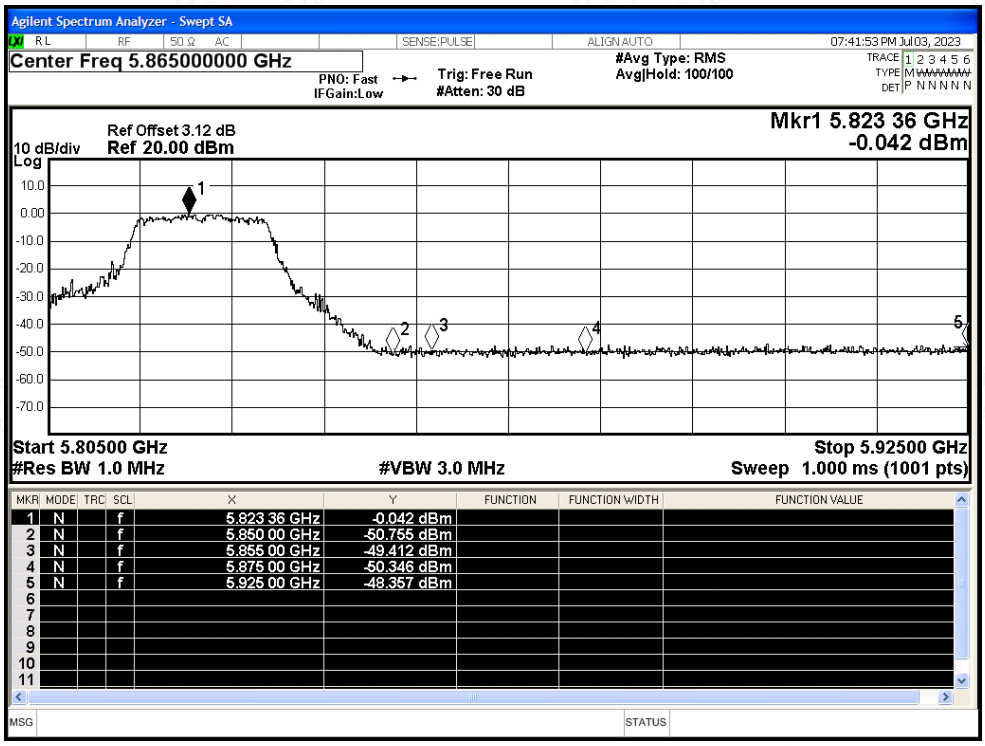
Restrict Band NVNT n20 5745MHz Ant0 Peak



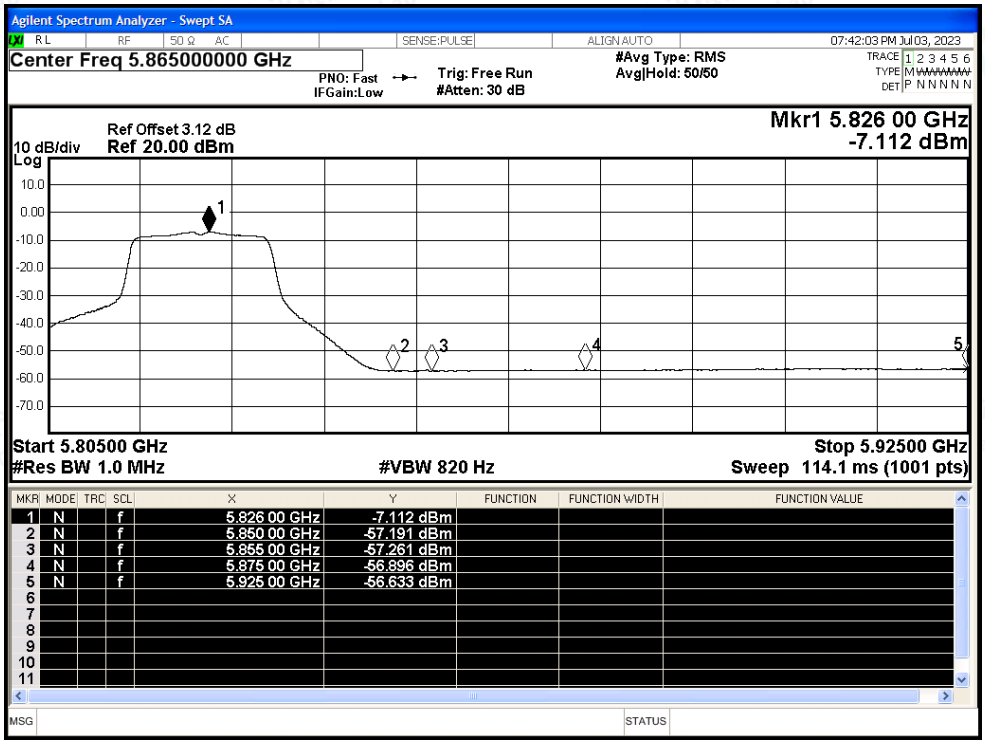
Restrict Band NVNT n20 5745MHz Ant0 Average



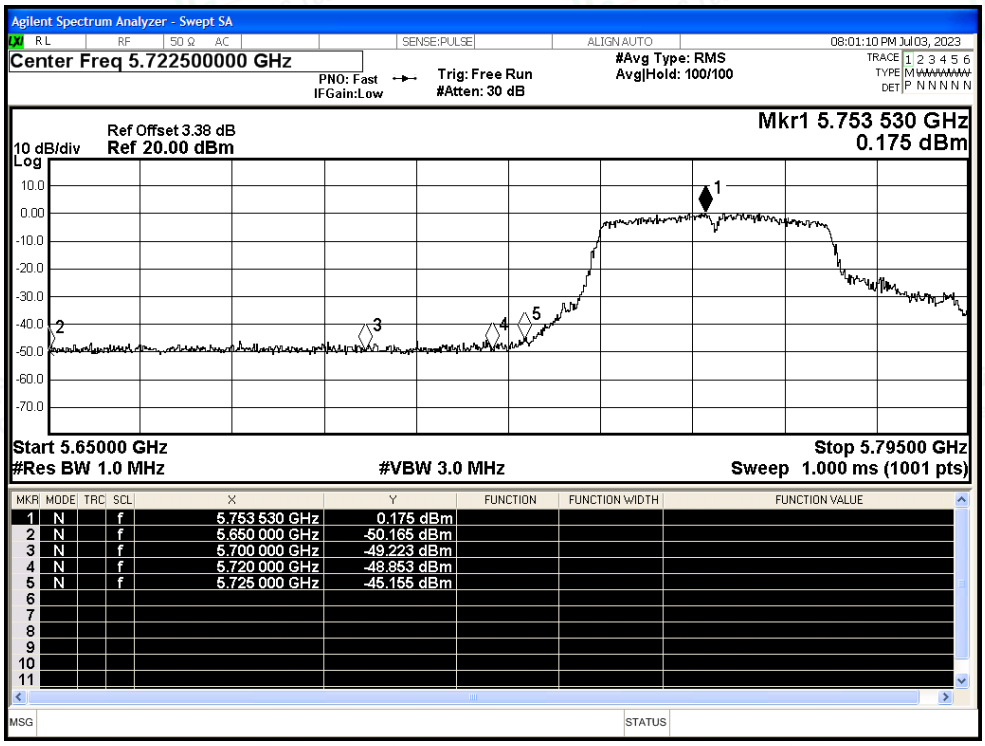
Restrict Band NVNT n20 5825MHz Ant0 Peak



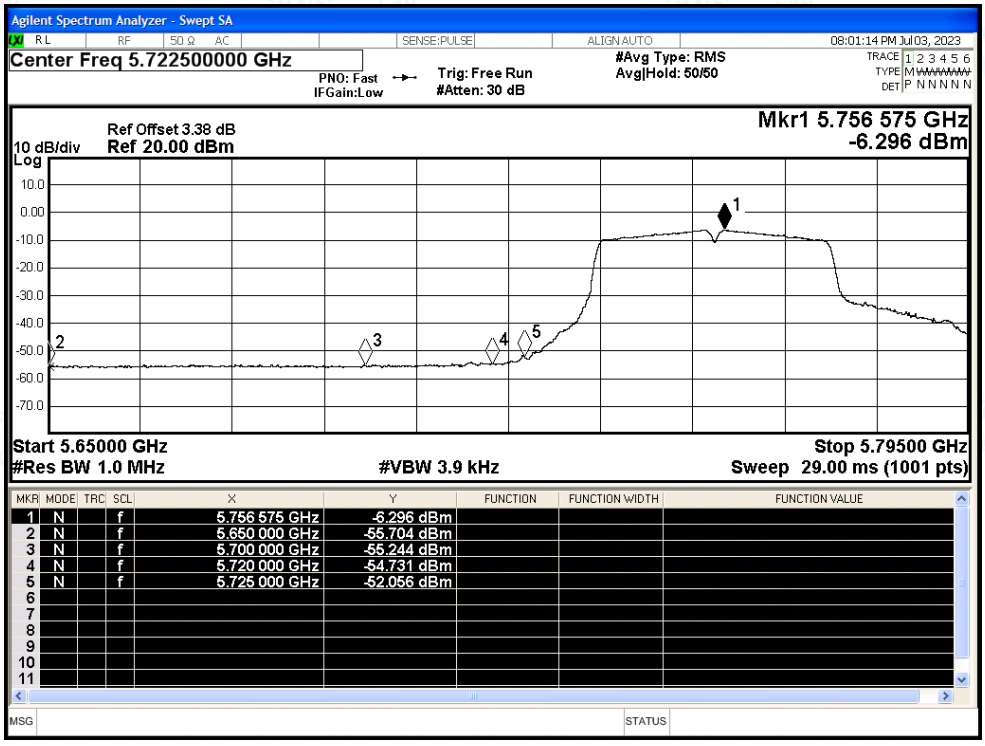
Restrict Band NVNT n20 5825MHz Ant0 Average



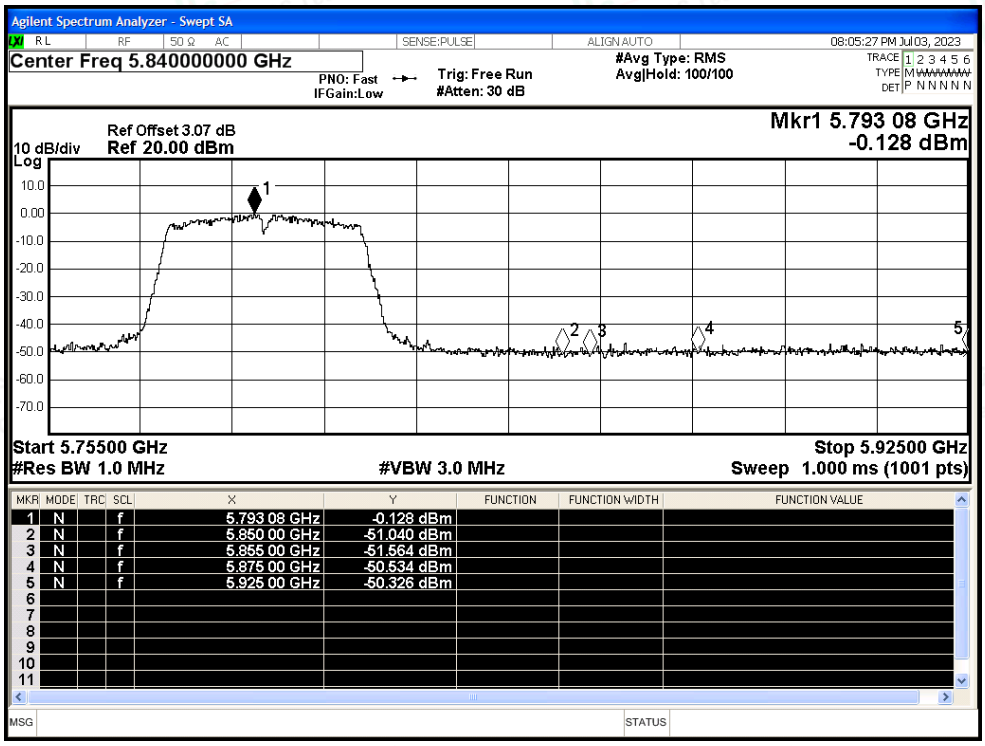
Restrict Band NVNT n40 5755MHz Ant0 Peak



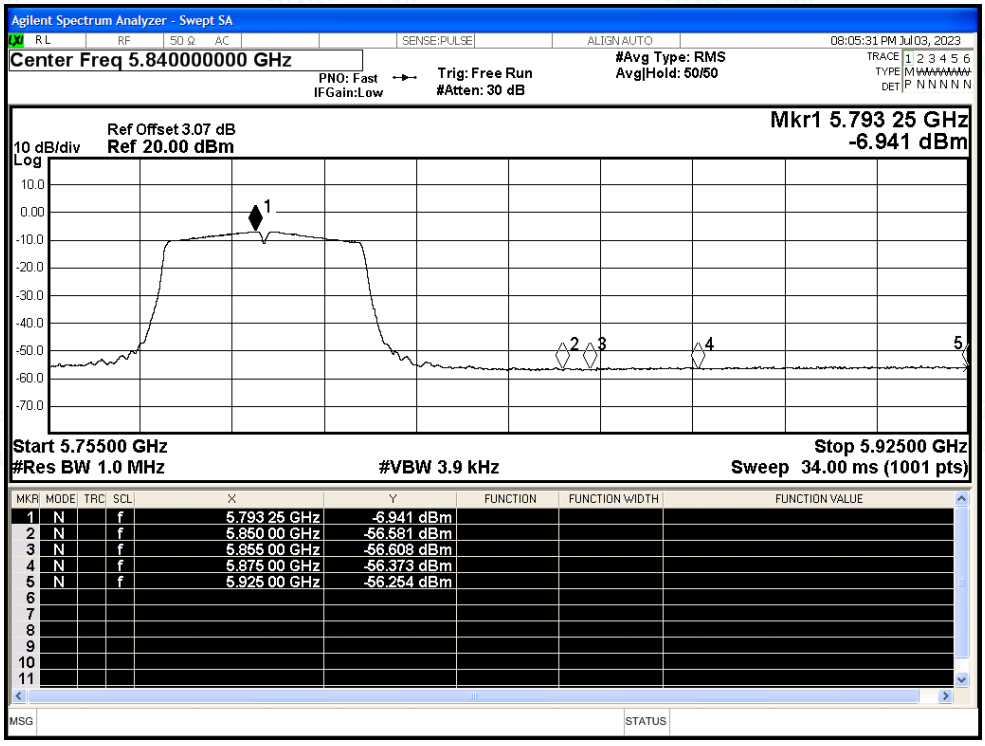
Restrict Band NVNT n40 5755MHz Ant0 Average



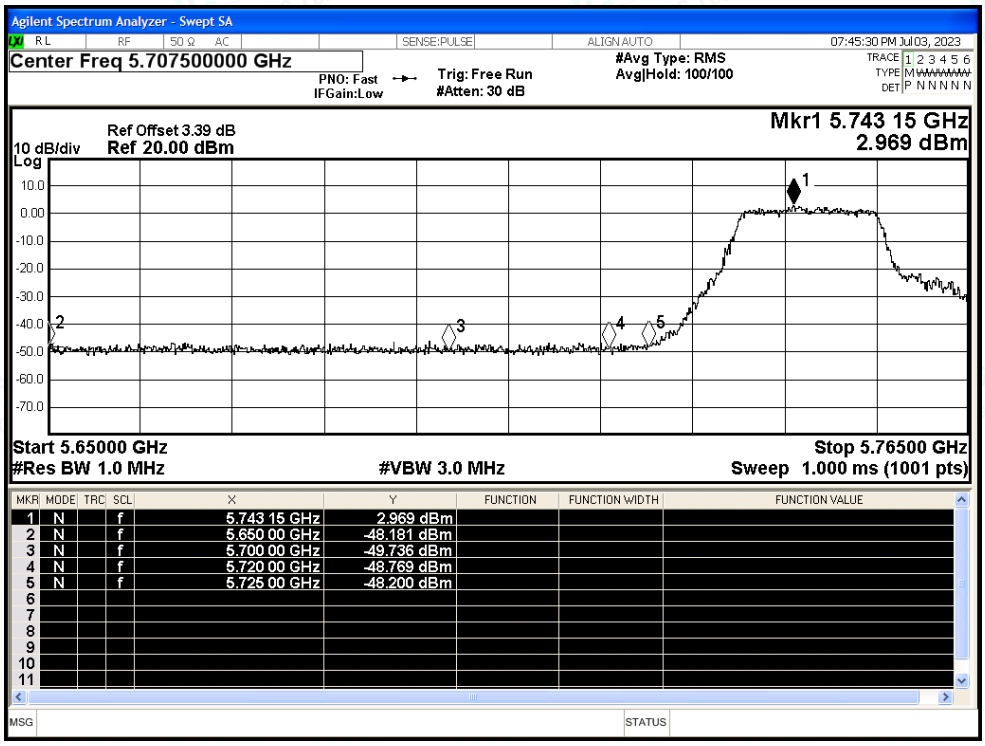
Restrict Band NVNT n40 5795MHz Ant0 Peak



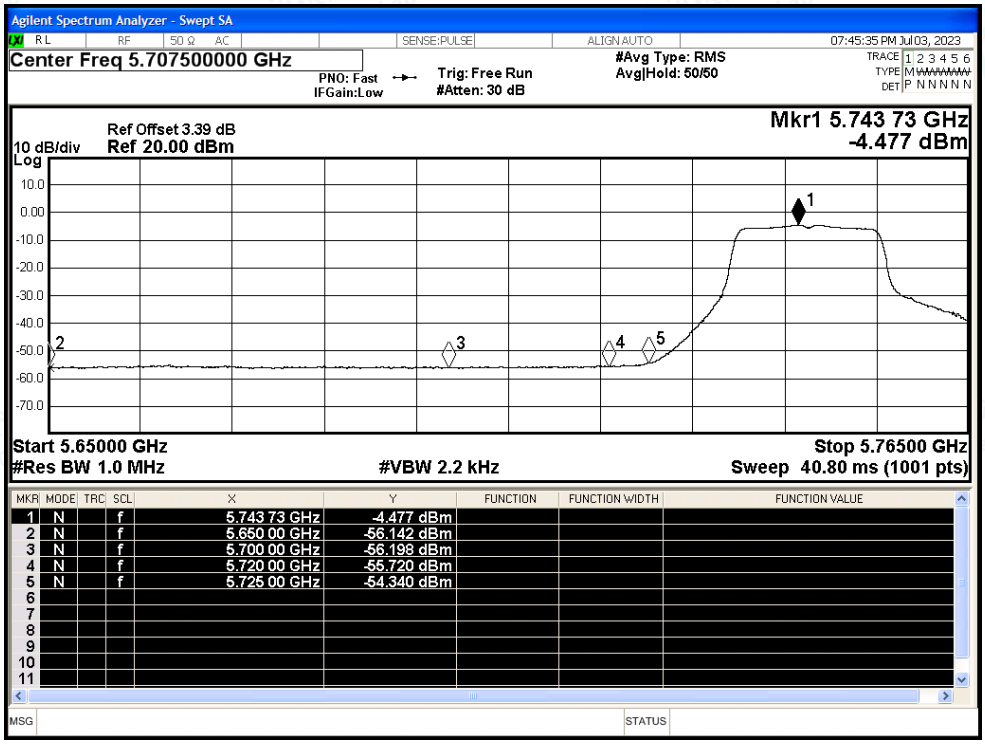
Restrict Band NVNT n40 5795MHz Ant0 Average



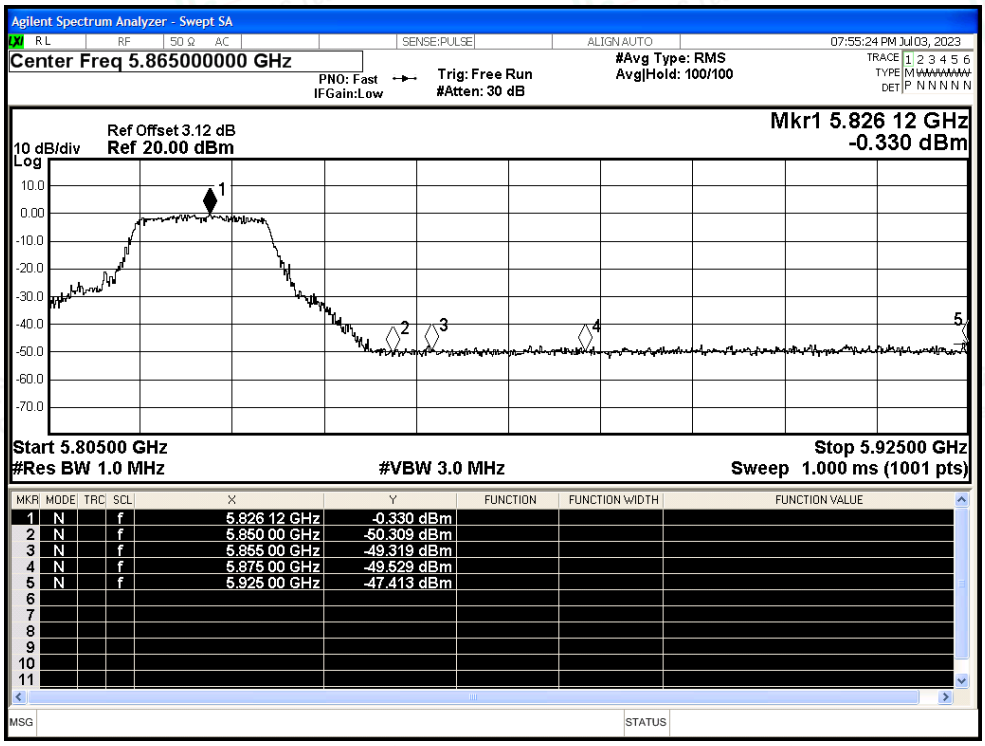
Restrict Band NVNT ac20 5745MHz Ant0 Peak



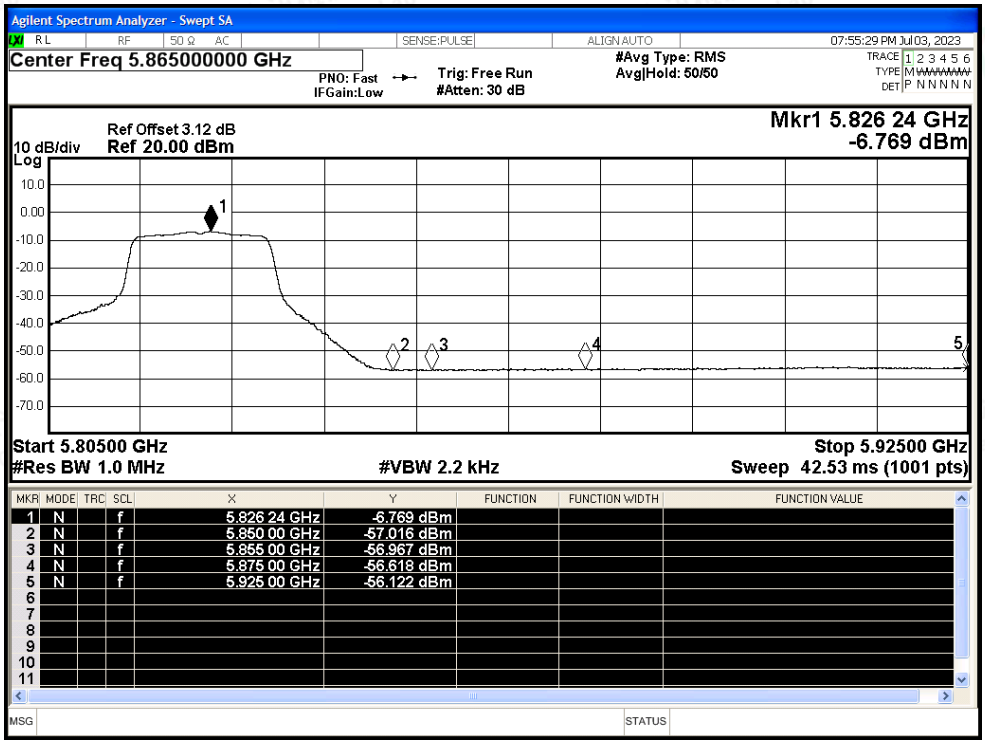
Restrict Band NVNT ac20 5745MHz Ant0 Average



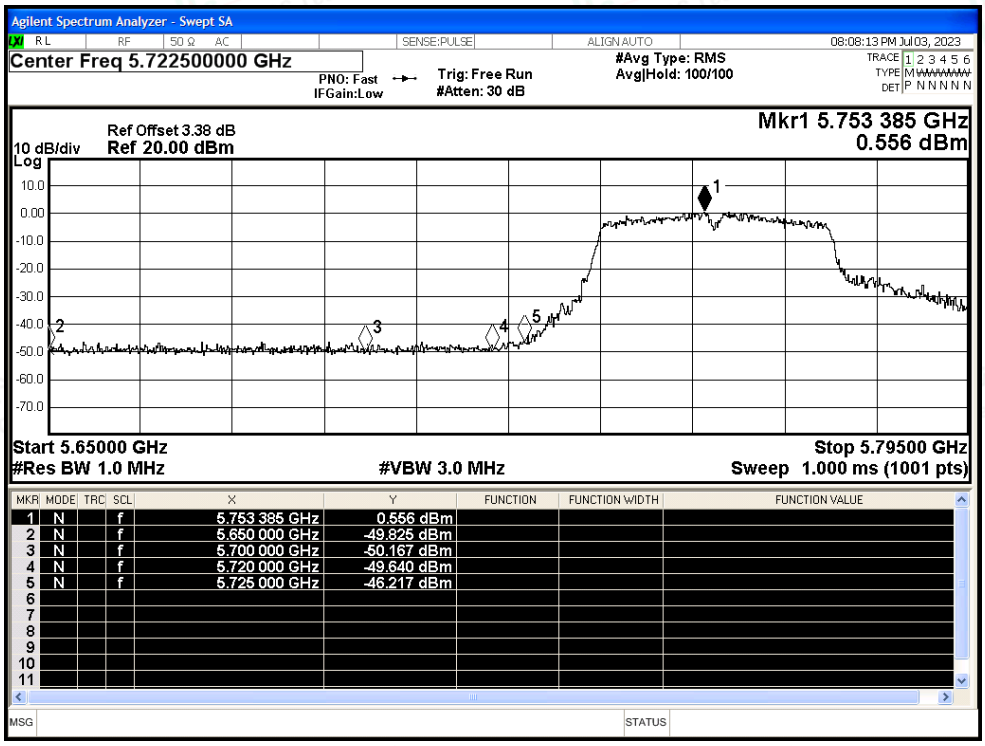
Restrict Band NVNT ac20 5825MHz Ant0 Peak



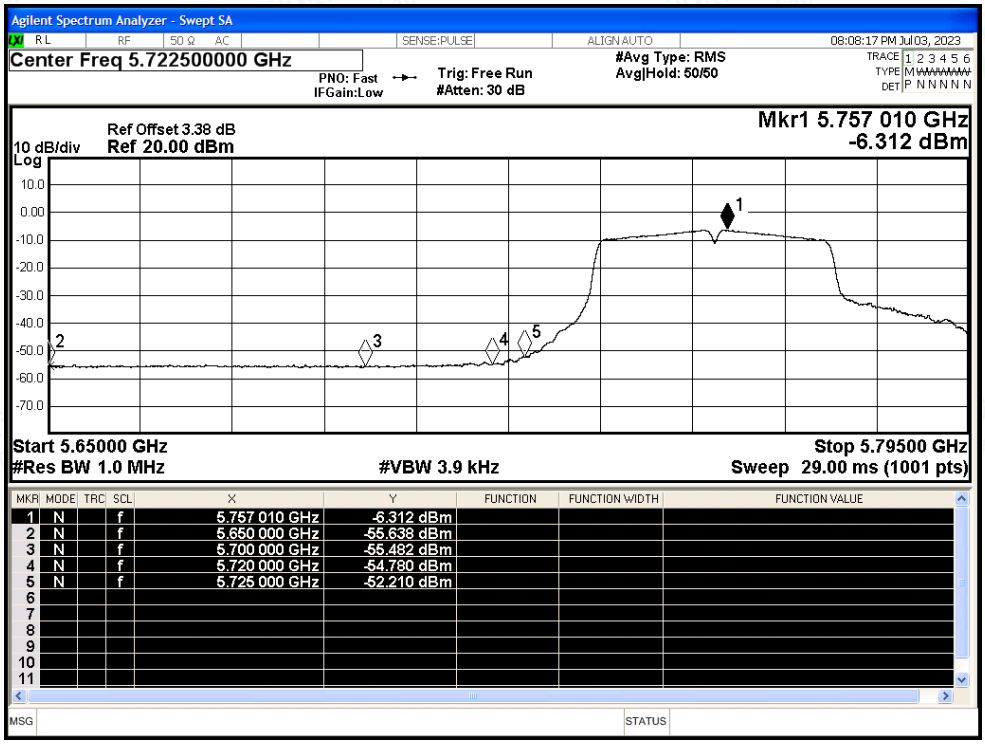
Restrict Band NVNT ac20 5825MHz Ant0 Average



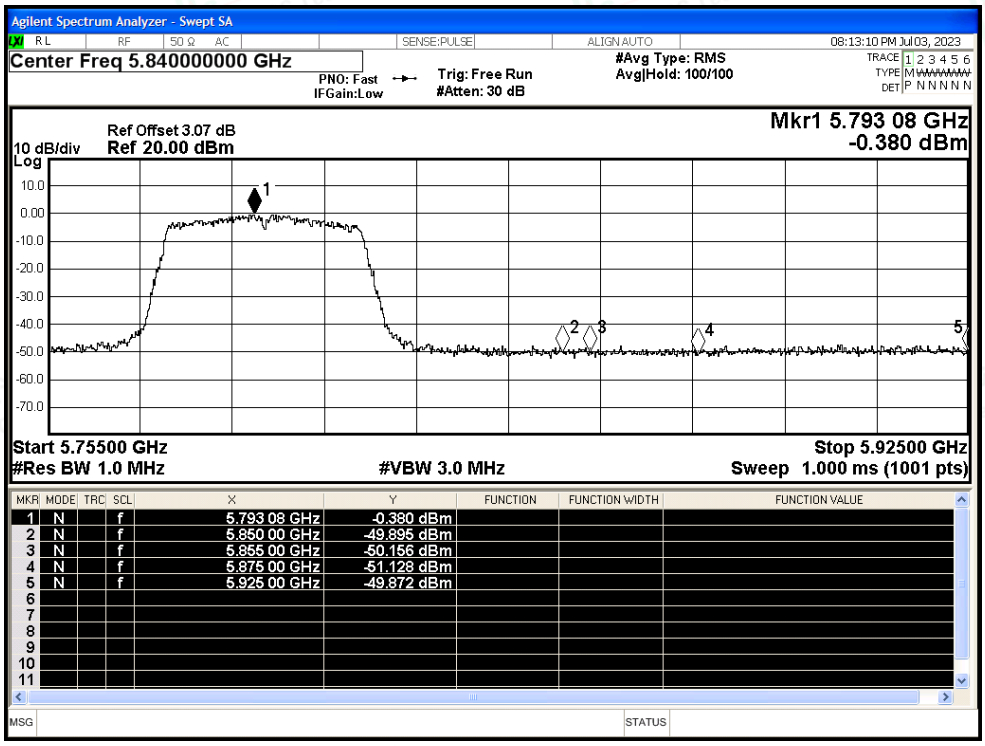
Restrict Band NVNT ac40 5755MHz Ant0 Peak



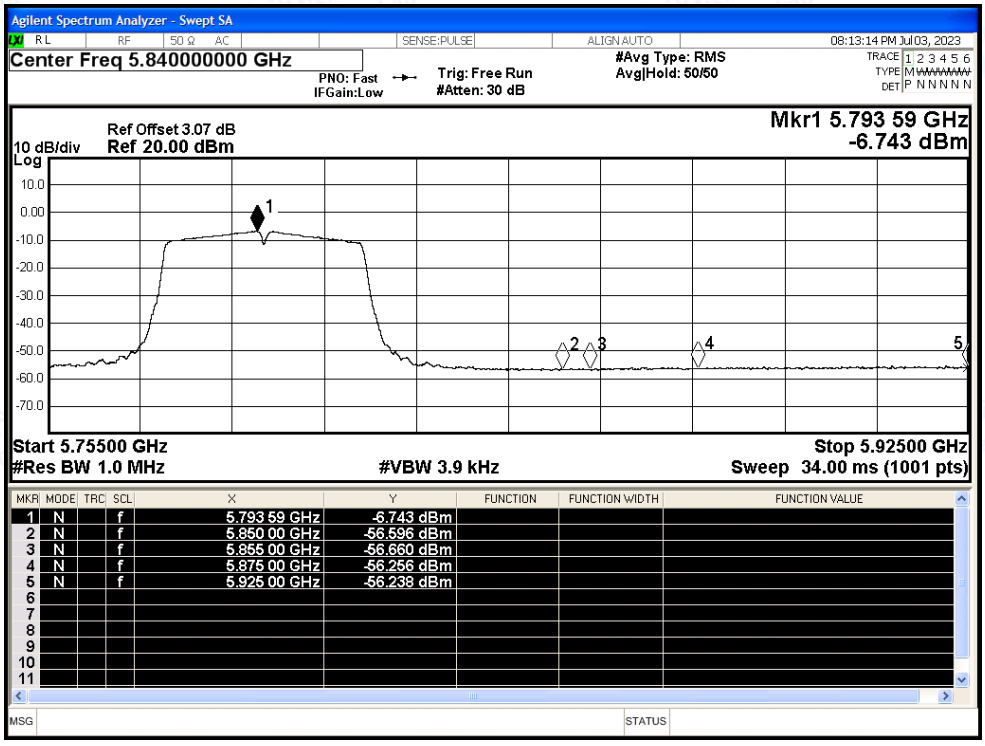
Restrict Band NVNT ac40 5755MHz Ant0 Average



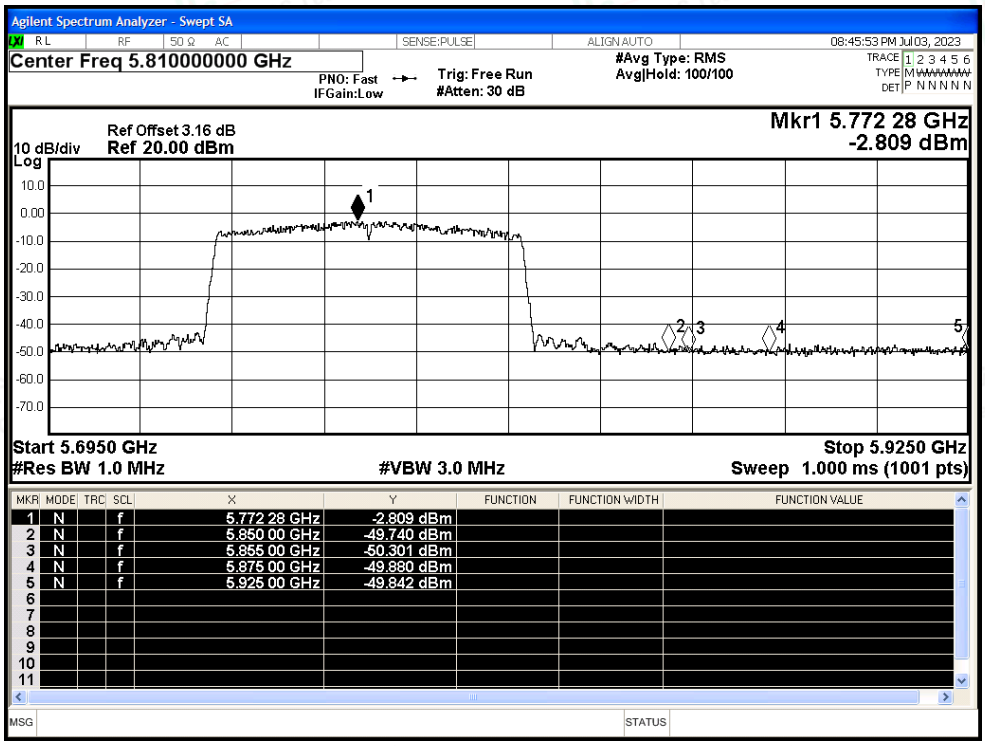
Restrict Band NVNT ac40 5795MHz Ant0 Peak



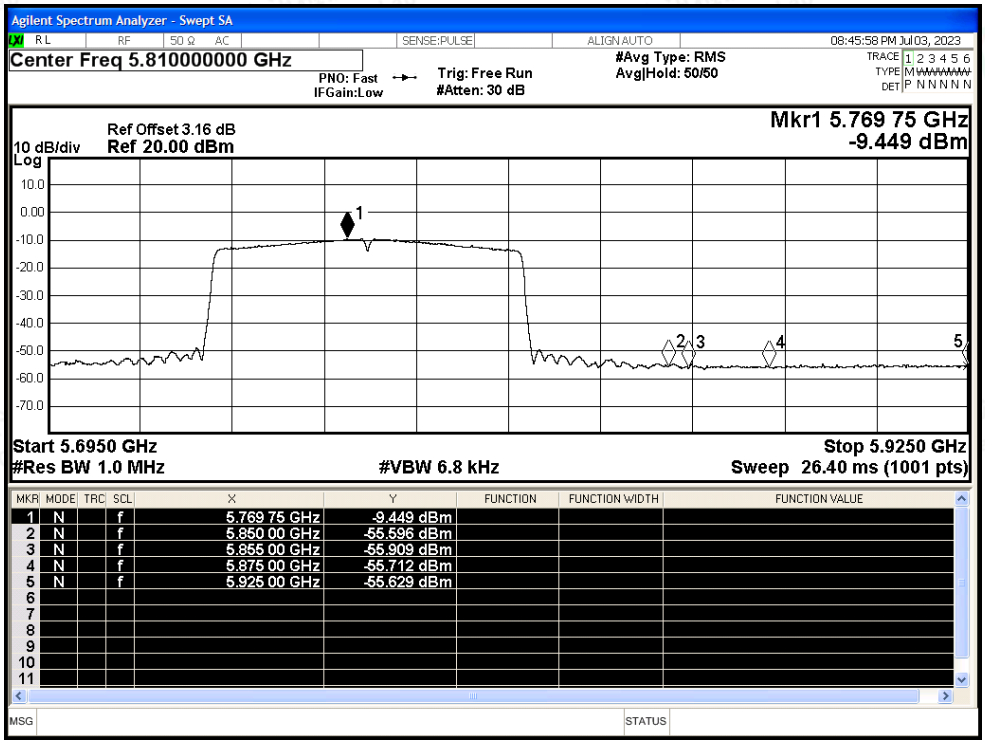
Restrict Band NVNT ac40 5795MHz Ant0 Average



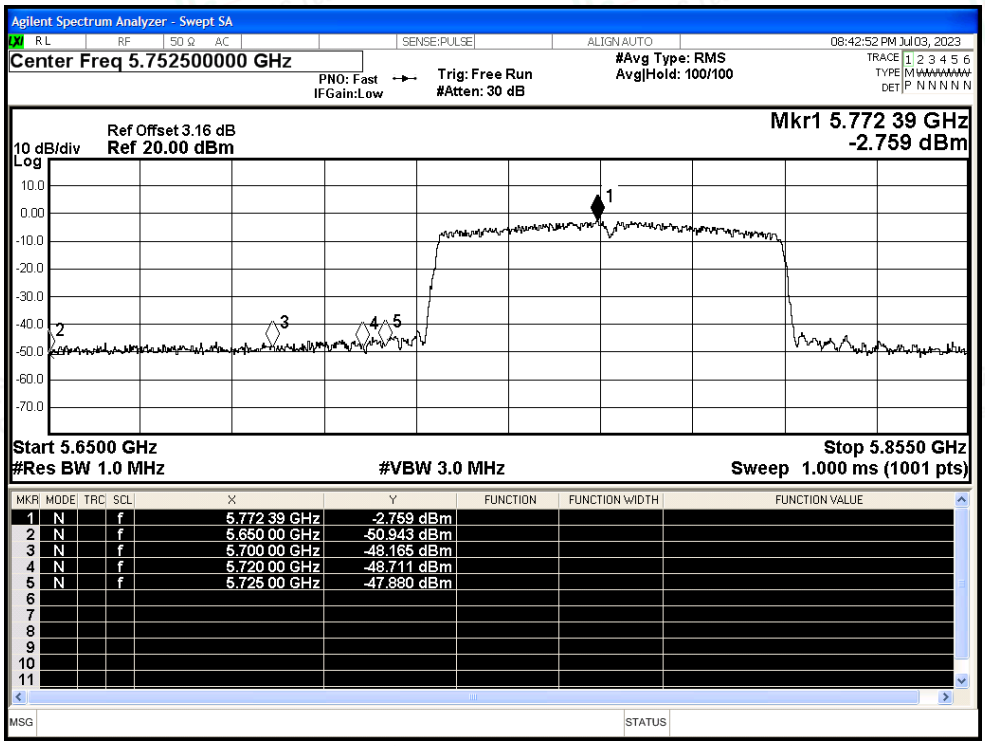
Restrict Band NVNT ac80 5775MHz Ant0 Peak



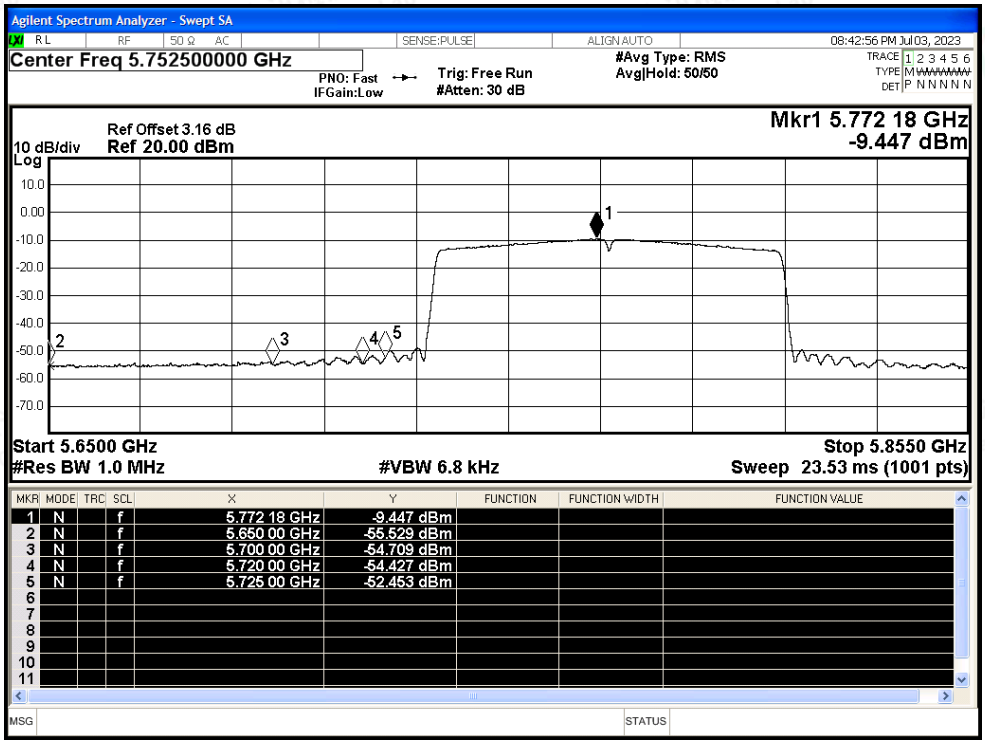
Restrict Band NVNT ac80 5775MHz Ant0 Average



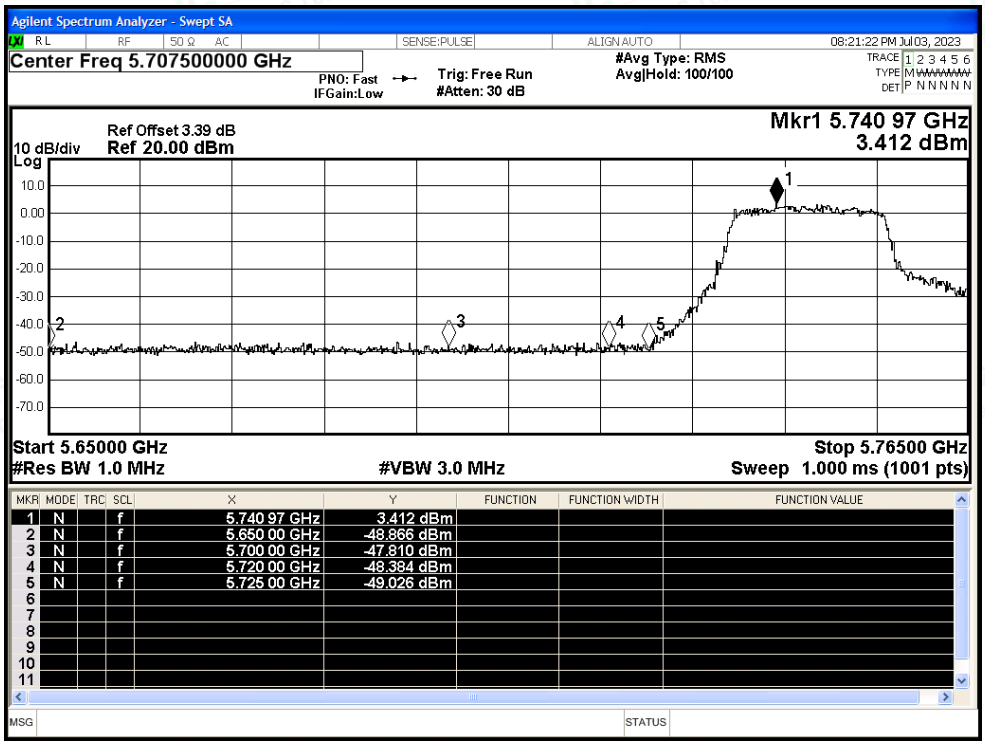
Restrict Band NVNT ac80 5775MHz Ant0 Peak



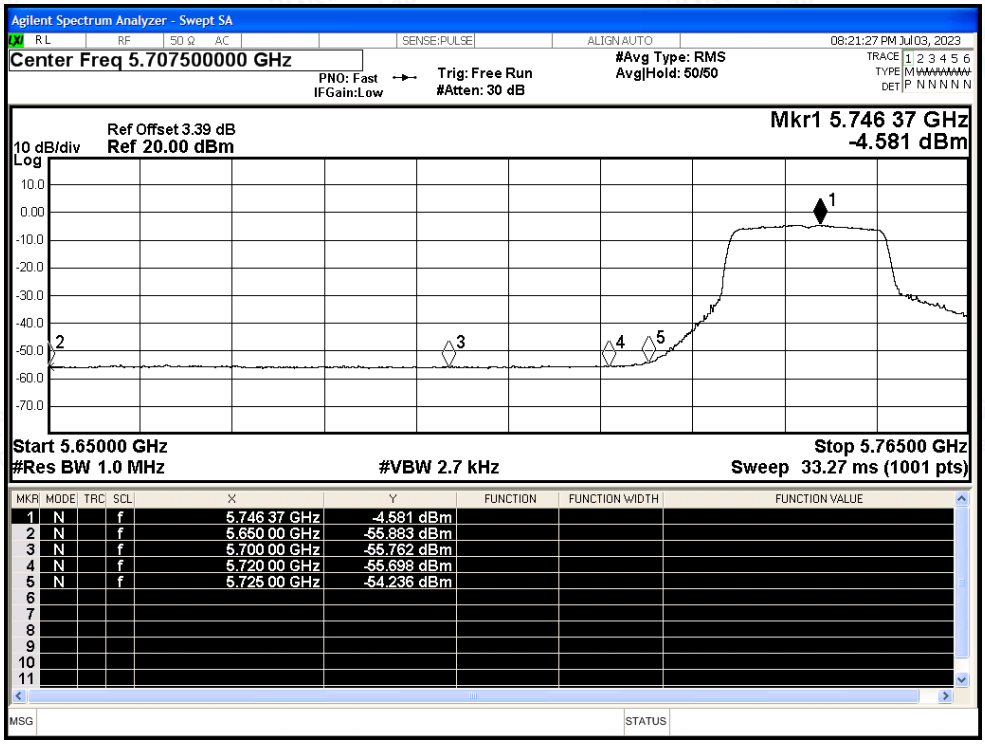
Restrict Band NVNT ac80 5775MHz Ant0 Average



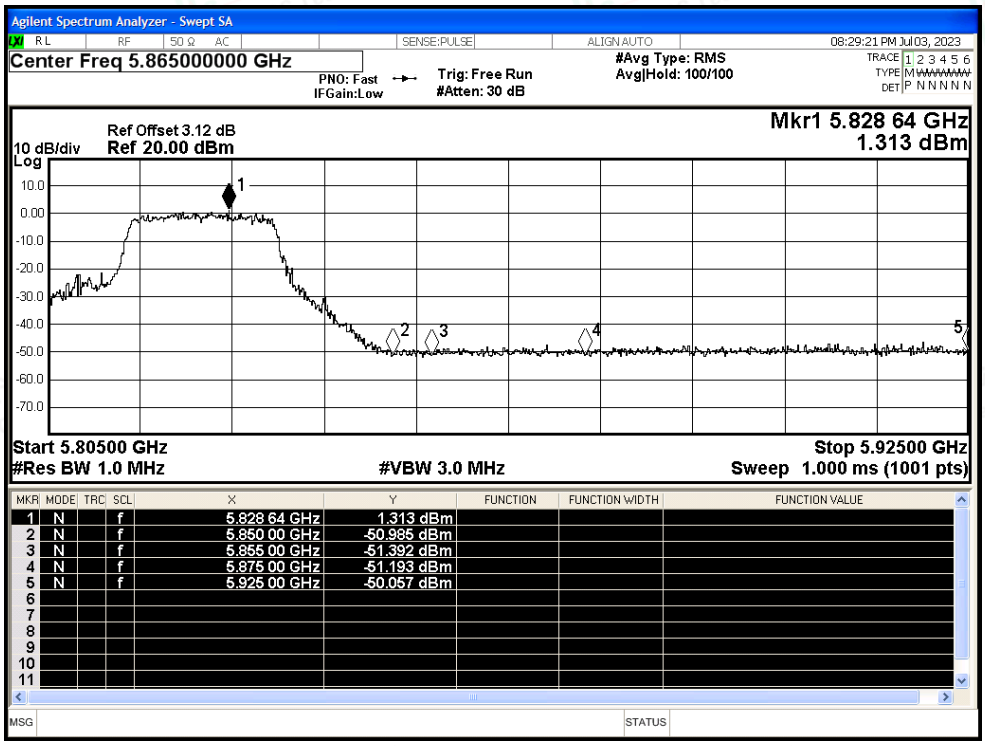
Restrict Band NVNT ax20 5745MHz Ant0 Peak



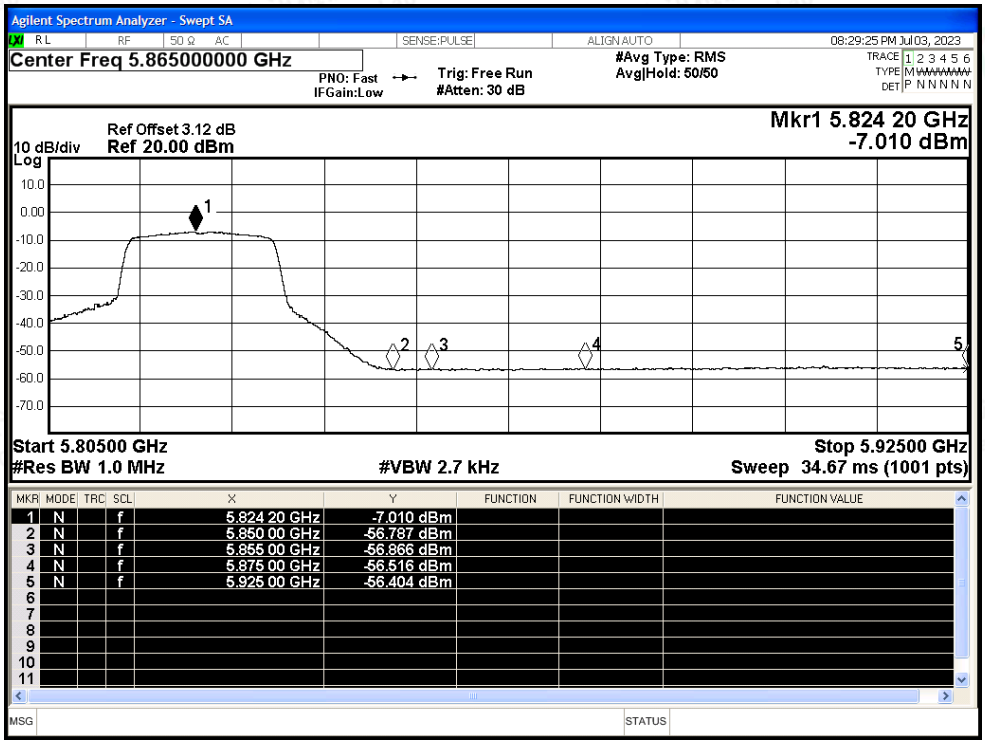
Restrict Band NVNT ax20 5745MHz Ant0 Average



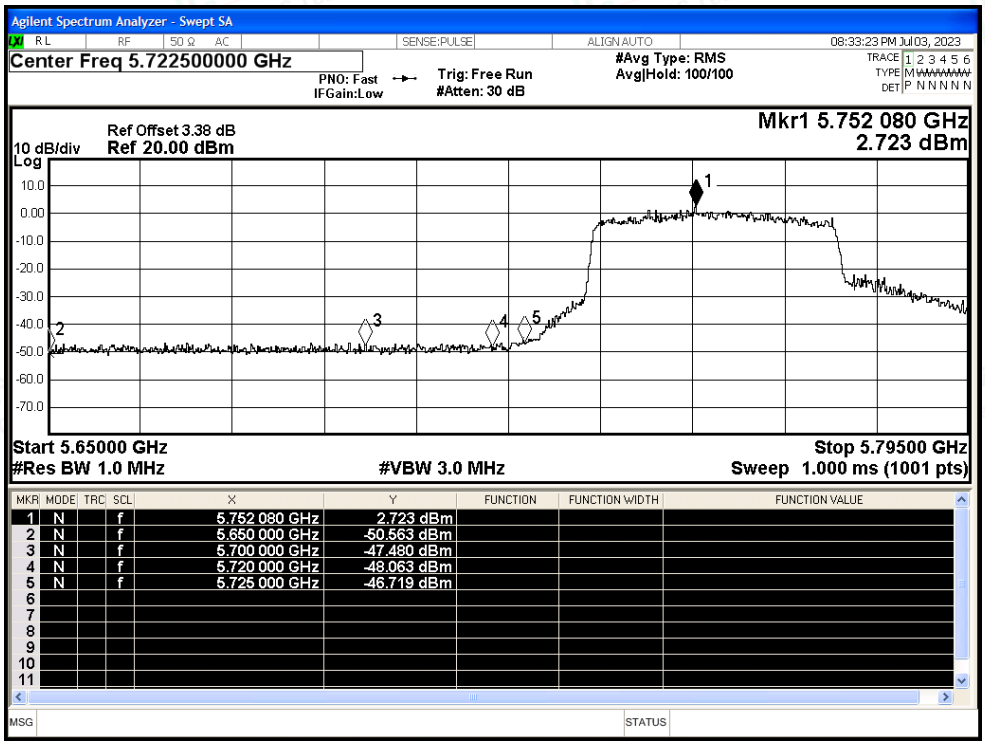
Restrict Band NVNT ax20 5825MHz Ant0 Peak



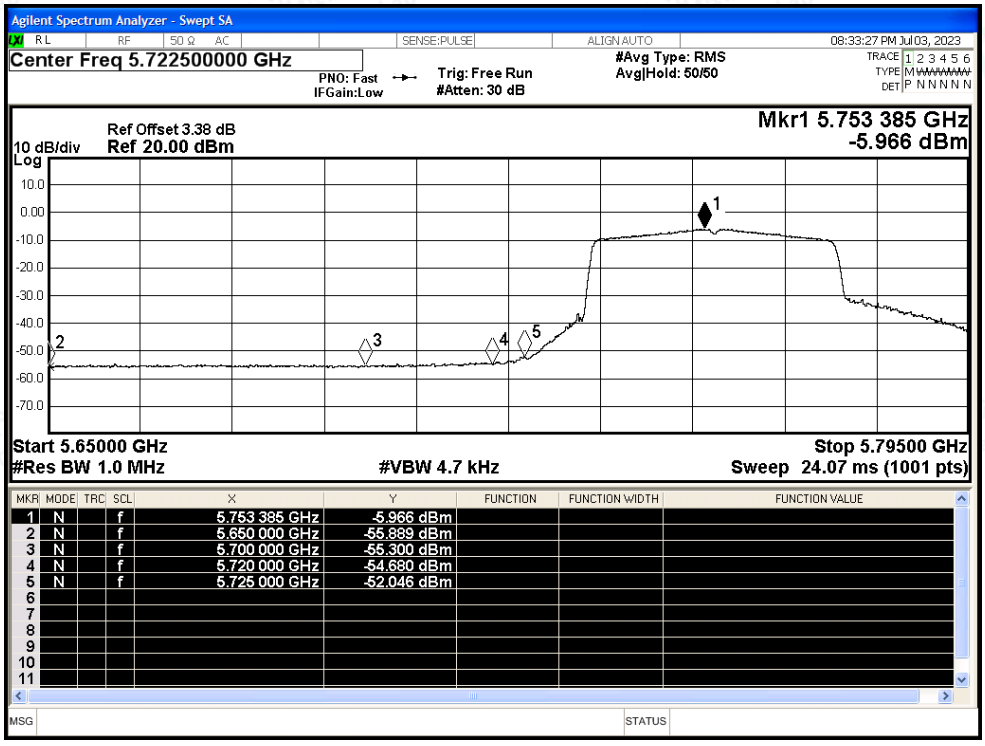
Restrict Band NVNT ax20 5825MHz Ant0 Average



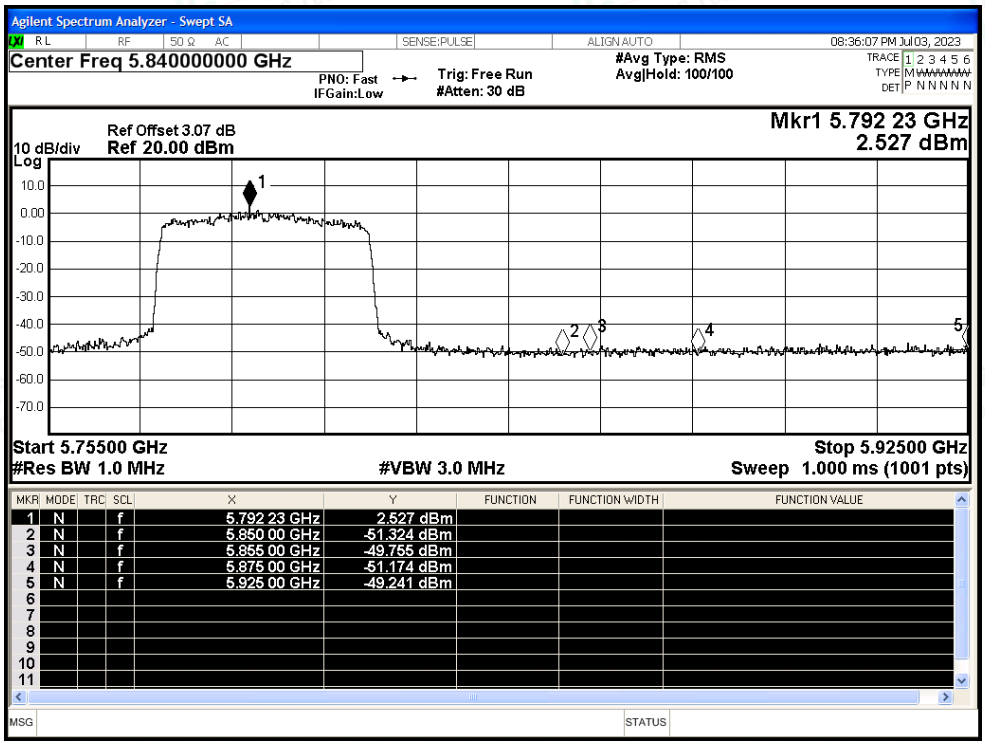
Restrict Band NVNT ax40 5755MHz Ant0 Peak



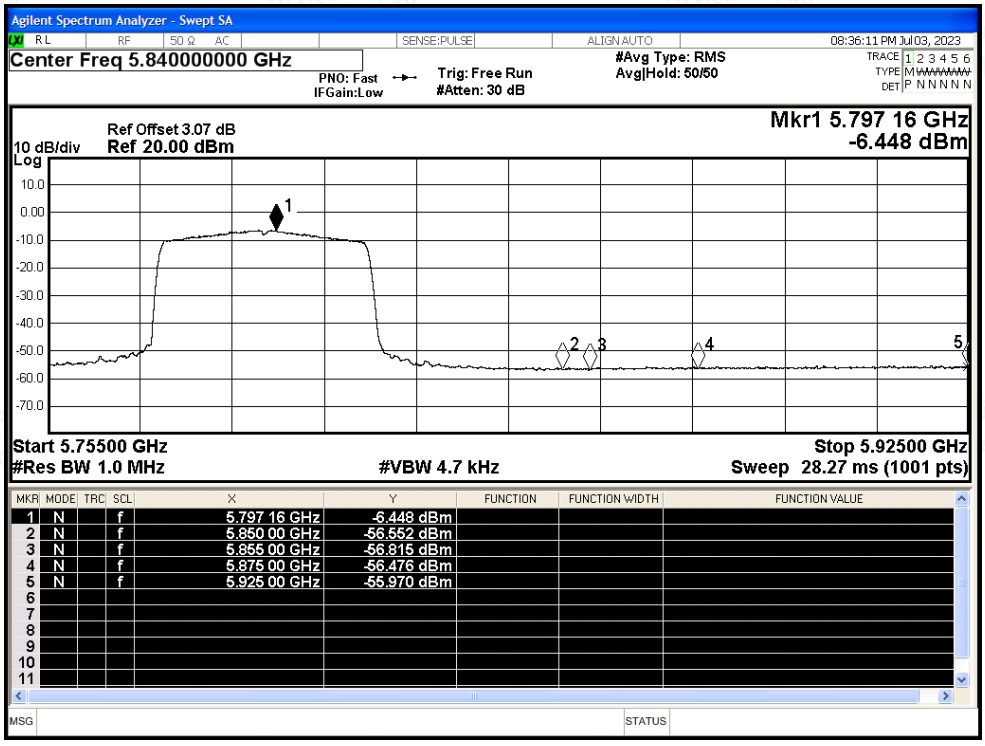
Restrict Band NVNT ax40 5755MHz Ant0 Average



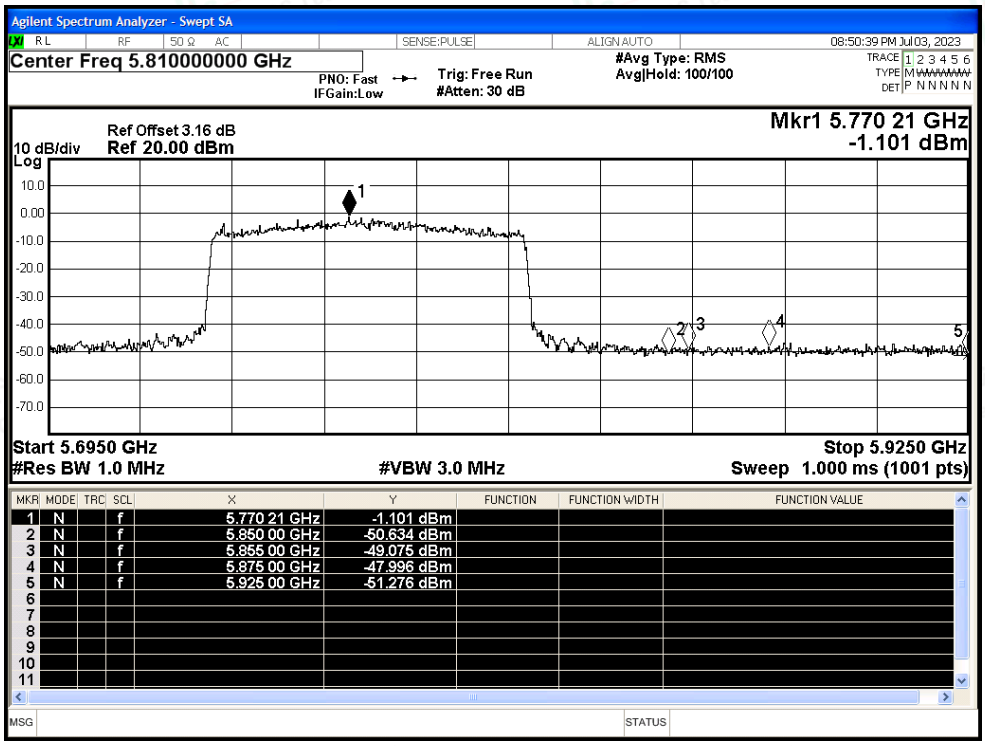
Restrict Band NVNT ax40 5795MHz Ant0 Peak



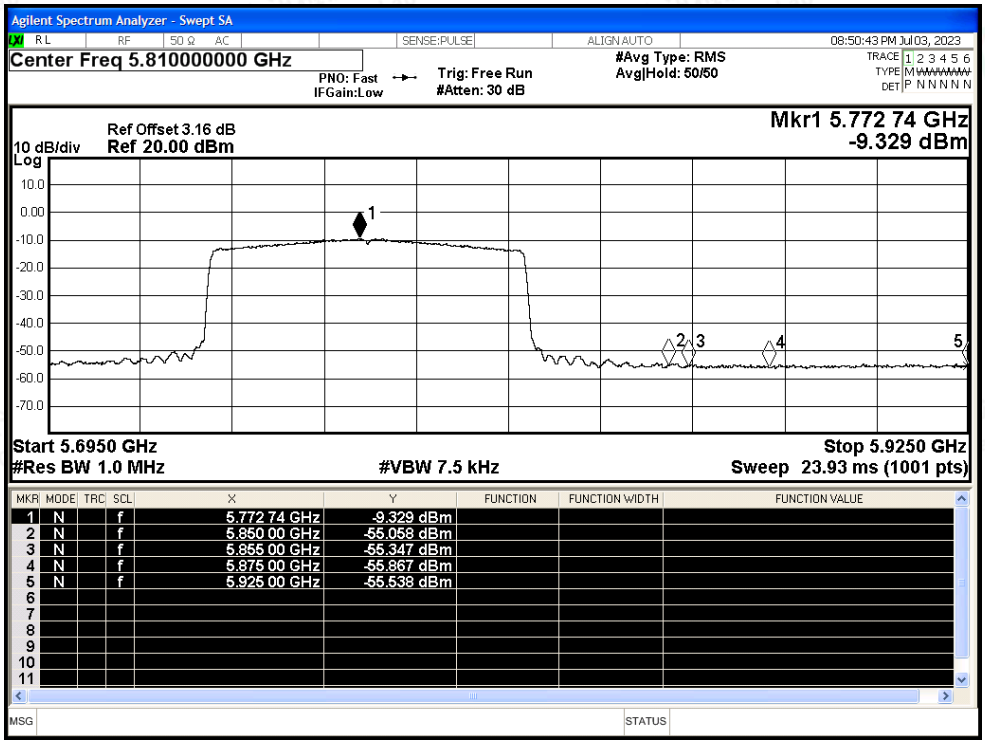
Restrict Band NVNT ax40 5795MHz Ant0 Average



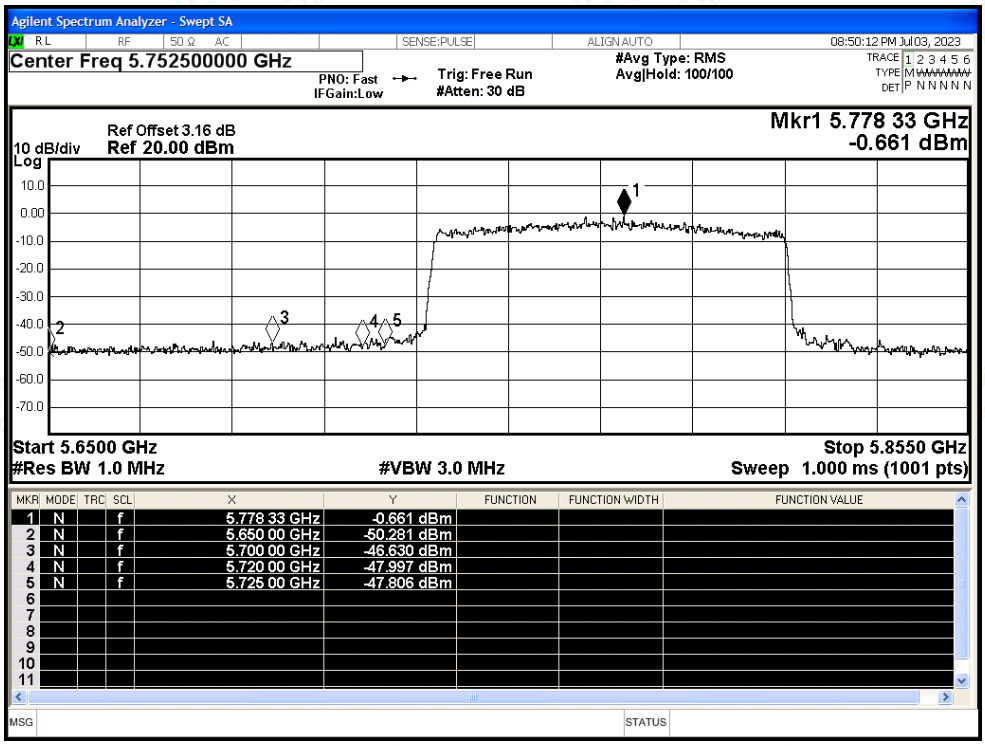
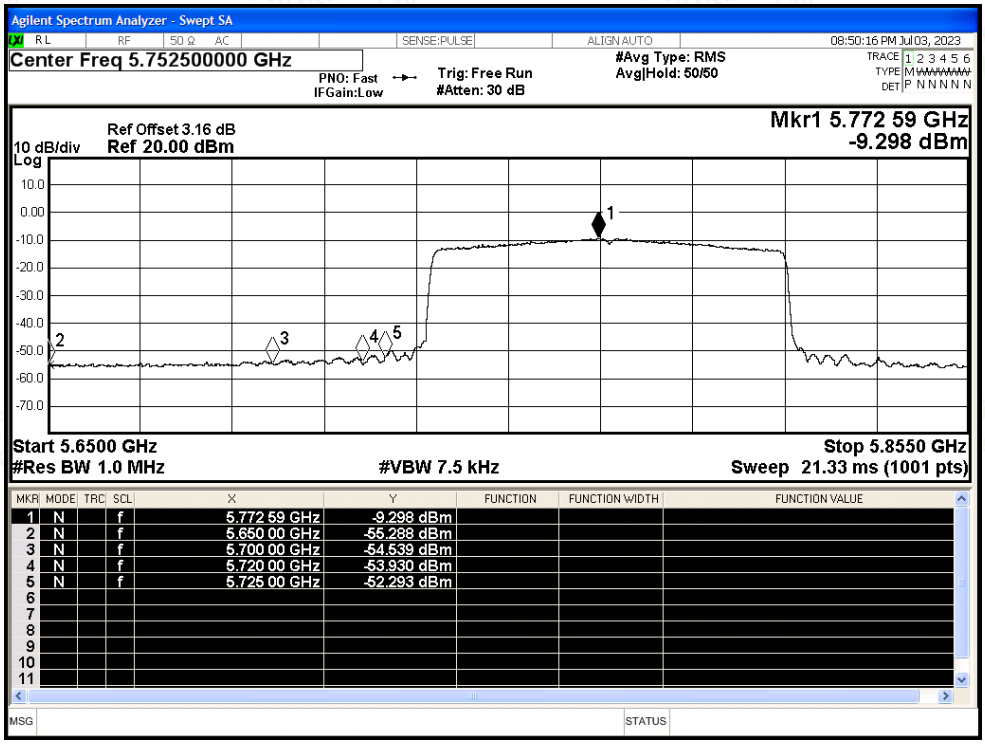
Restrict Band NVNT ax80 5775MHz Ant0 Peak



Restrict Band NVNT ax80 5775MHz Ant0 Average



Restrict Band NVNT ax80 5775MHz Ant0 Peak



Restrict Band NVNT ax80 5775MHz Ant0 Average