

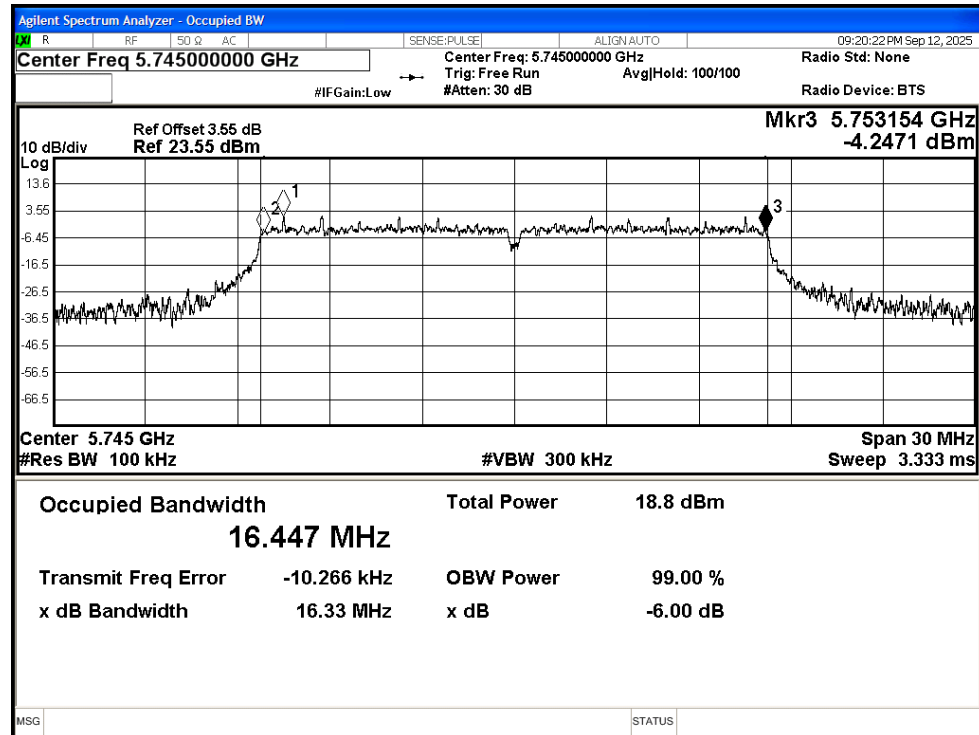
Appendix RF test data for WIFI5.8G

G.1 -6dB Bandwidth

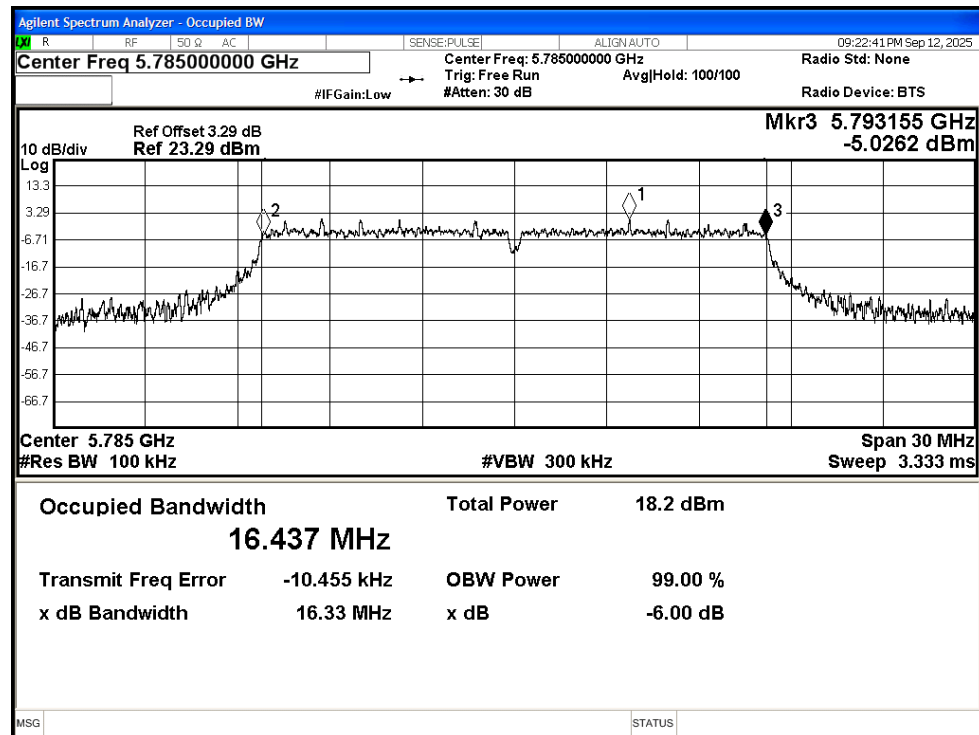
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.328	≥ 0.5	Pass
NVNT	a	5785	Ant1	16.33	≥ 0.5	Pass
NVNT	a	5825	Ant1	16.319	≥ 0.5	Pass
NVNT	n20	5745	Ant1	17.587	≥ 0.5	Pass
NVNT	n20	5785	Ant1	17.547	≥ 0.5	Pass
NVNT	n20	5825	Ant1	17.191	≥ 0.5	Pass
NVNT	n40	5755	Ant1	36.265	≥ 0.5	Pass
NVNT	n40	5795	Ant1	36.016	≥ 0.5	Pass
NVNT	ac20	5745	Ant1	17.445	≥ 0.5	Pass
NVNT	ac20	5785	Ant1	17.378	≥ 0.5	Pass
NVNT	ac20	5825	Ant1	17.447	≥ 0.5	Pass
NVNT	ac40	5755	Ant1	36.445	≥ 0.5	Pass
NVNT	ac40	5795	Ant1	36.259	≥ 0.5	Pass
NVNT	ac80	5775	Ant1	75.587	≥ 0.5	Pass
NVNT	ax20	5745	Ant1	17.419	≥ 0.5	Pass
NVNT	ax20	5785	Ant1	17.27	≥ 0.5	Pass
NVNT	ax20	5825	Ant1	17.418	≥ 0.5	Pass
NVNT	ax40	5755	Ant1	36.253	≥ 0.5	Pass
NVNT	ax40	5795	Ant1	36.113	≥ 0.5	Pass
NVNT	ax80	5775	Ant1	75.469	≥ 0.5	Pass

Test Graphs

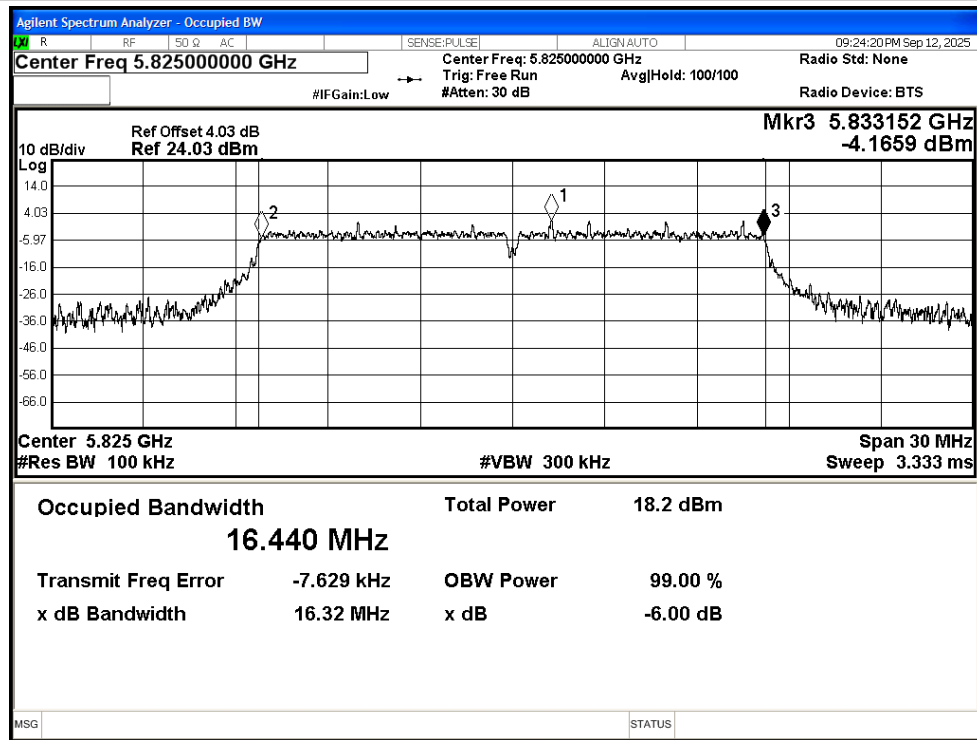
-6dB Bandwidth NVNT a 5745MHz Ant1



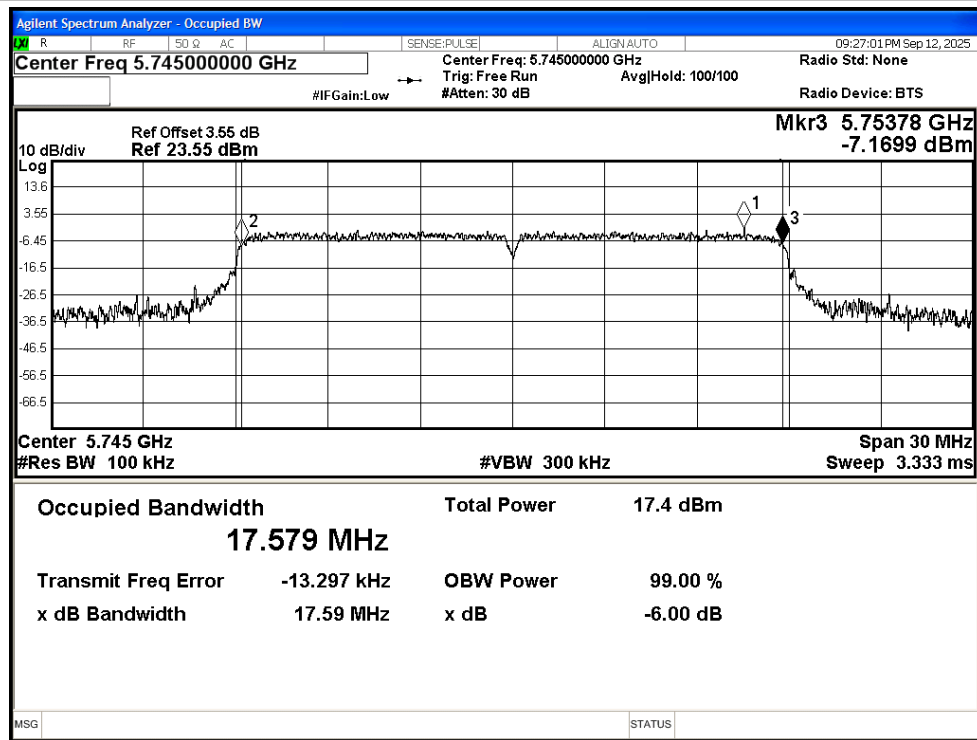
-6dB Bandwidth NVNT a 5785MHz Ant1



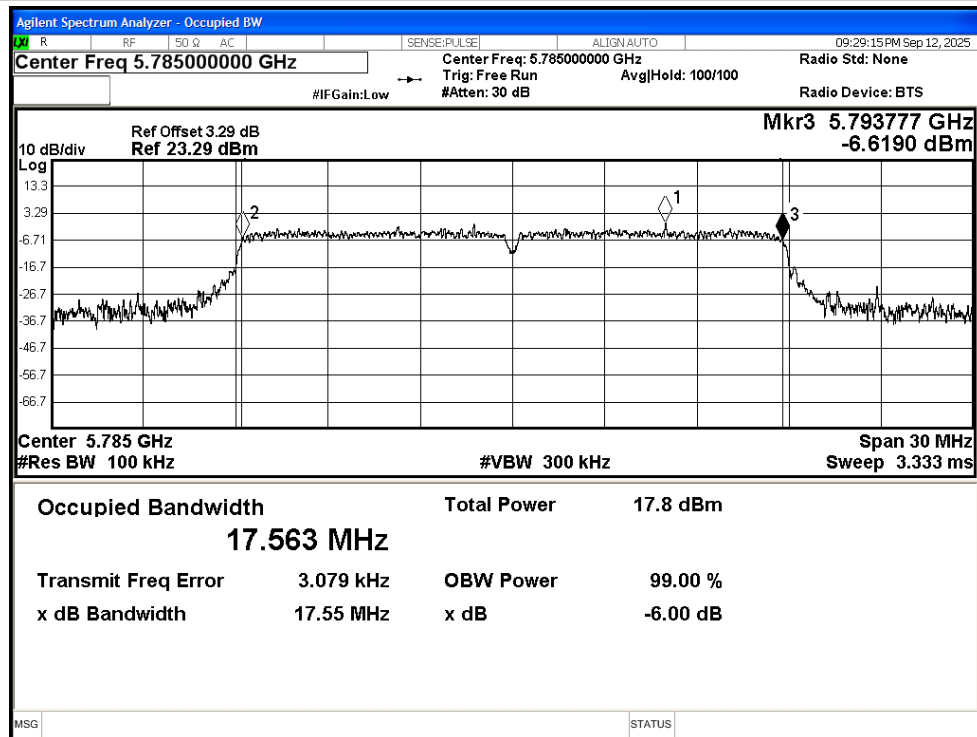
-6dB Bandwidth NVNT a 5825MHz Ant1



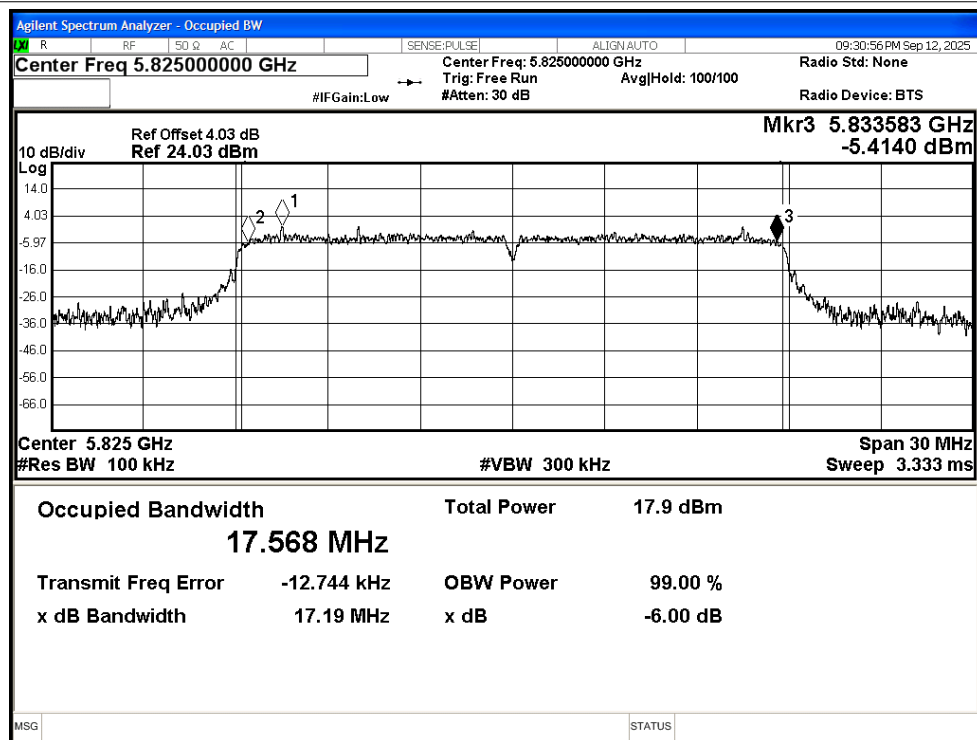
-6dB Bandwidth NVNT n20 5745MHz Ant1



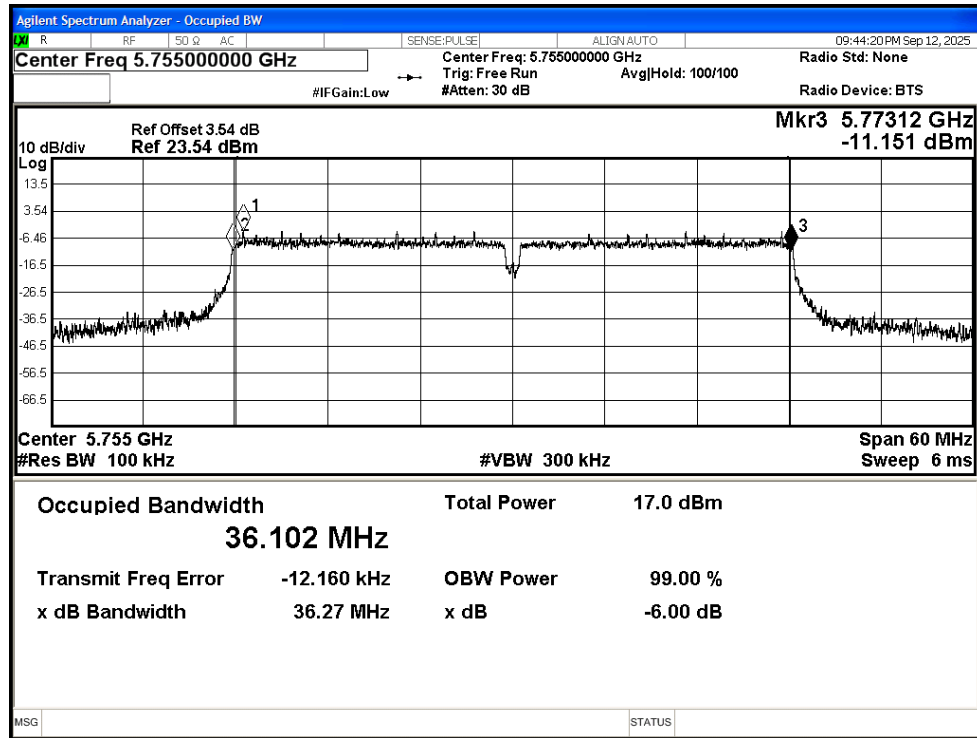
-6dB Bandwidth NVNT n20 5785MHz Ant1



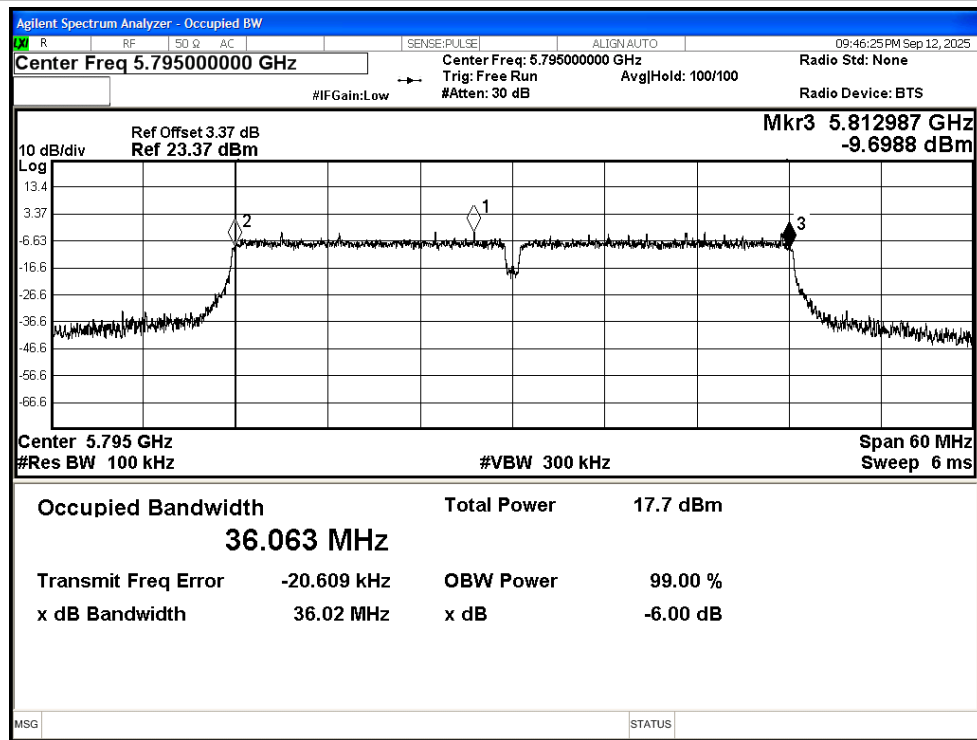
-6dB Bandwidth NVNT n20 5825MHz Ant1



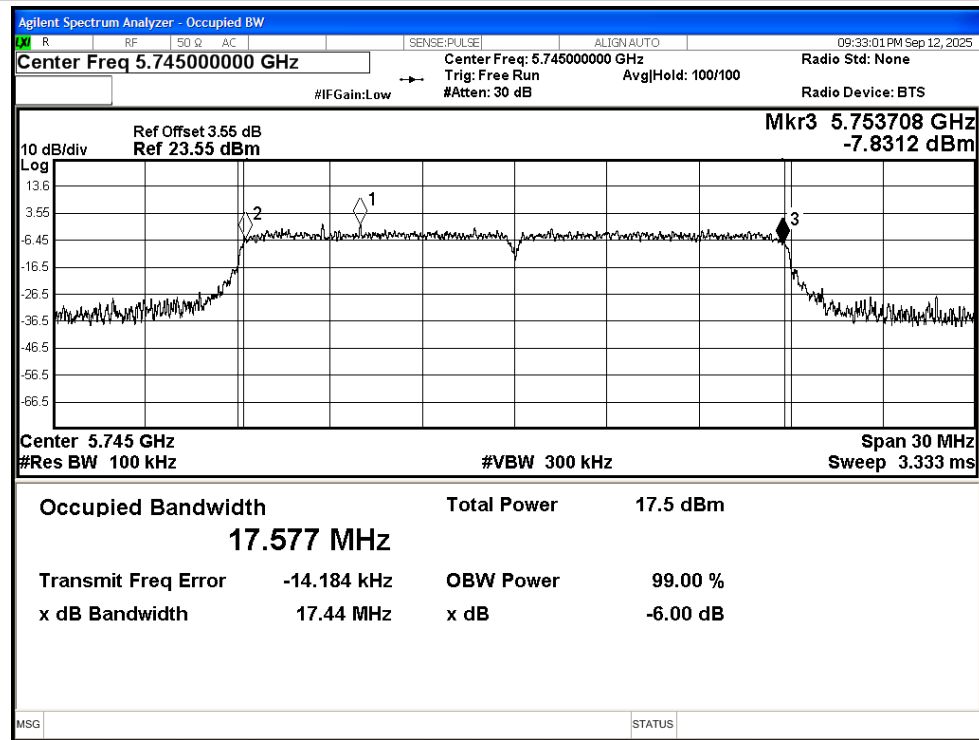
-6dB Bandwidth NVNT n40 5755MHz Ant1



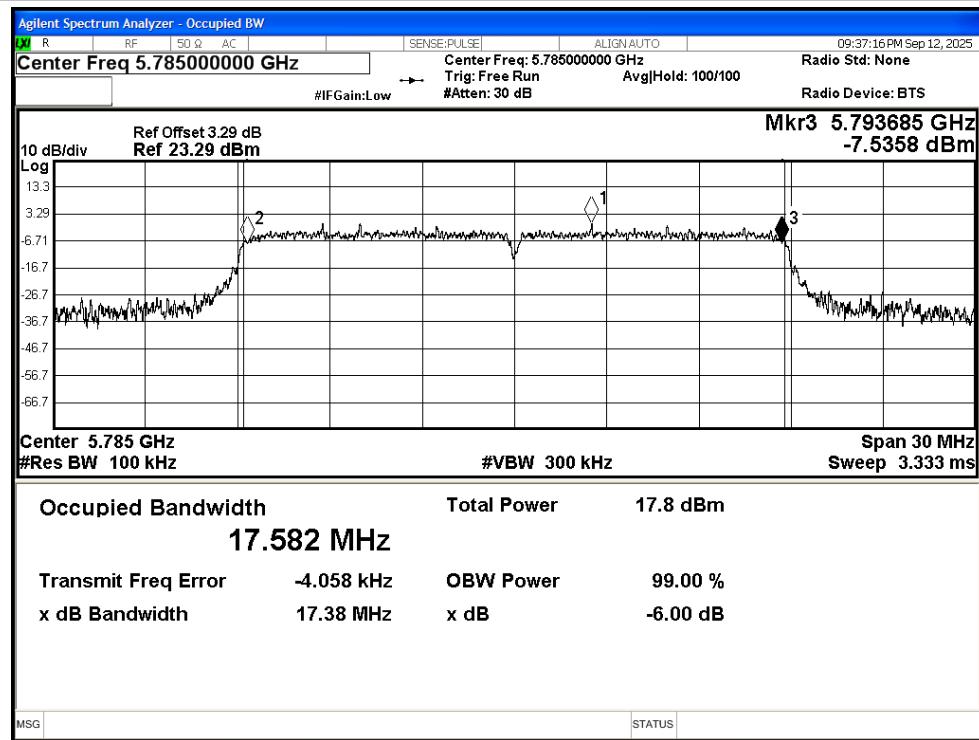
-6dB Bandwidth NVNT n40 5795MHz Ant1



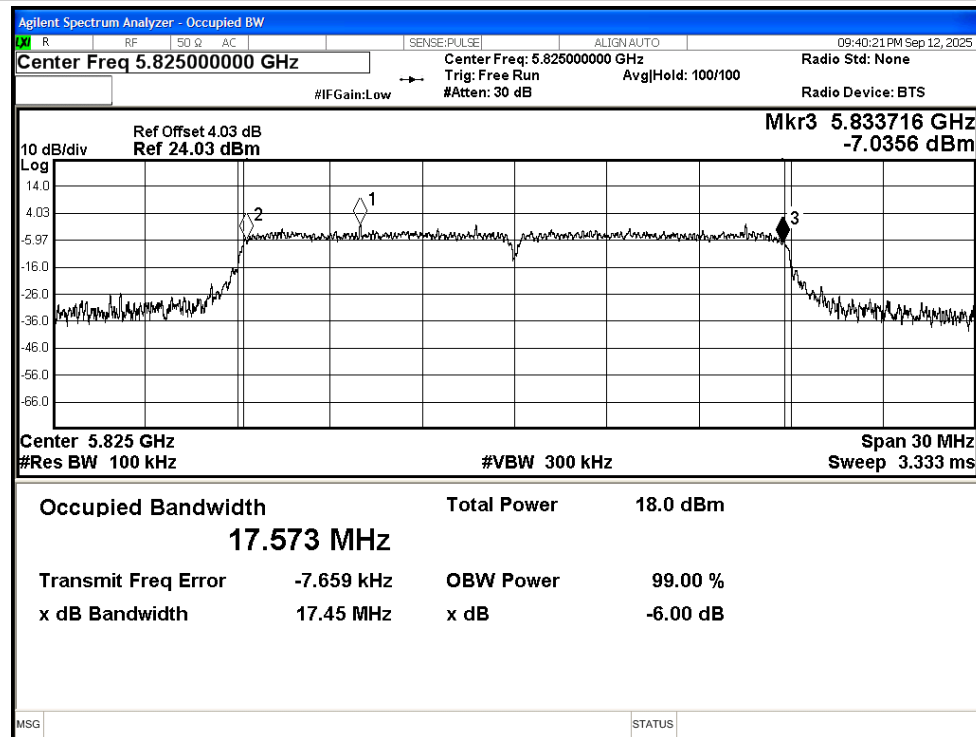
-6dB Bandwidth NVNT ac20 5745MHz Ant1



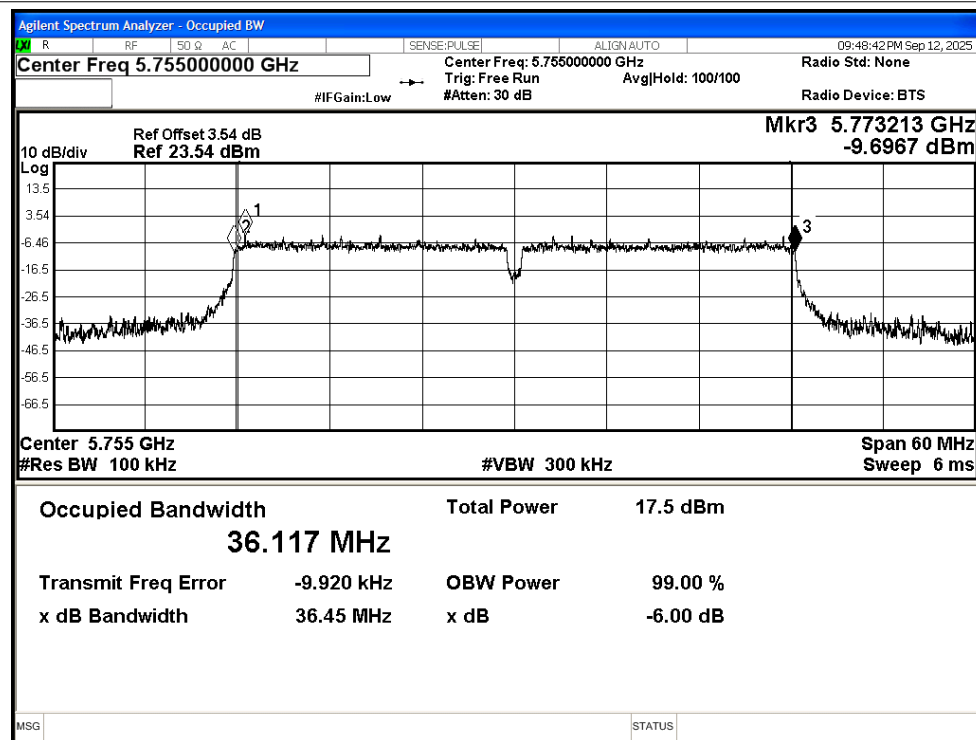
-6dB Bandwidth NVNT ac20 5785MHz Ant1



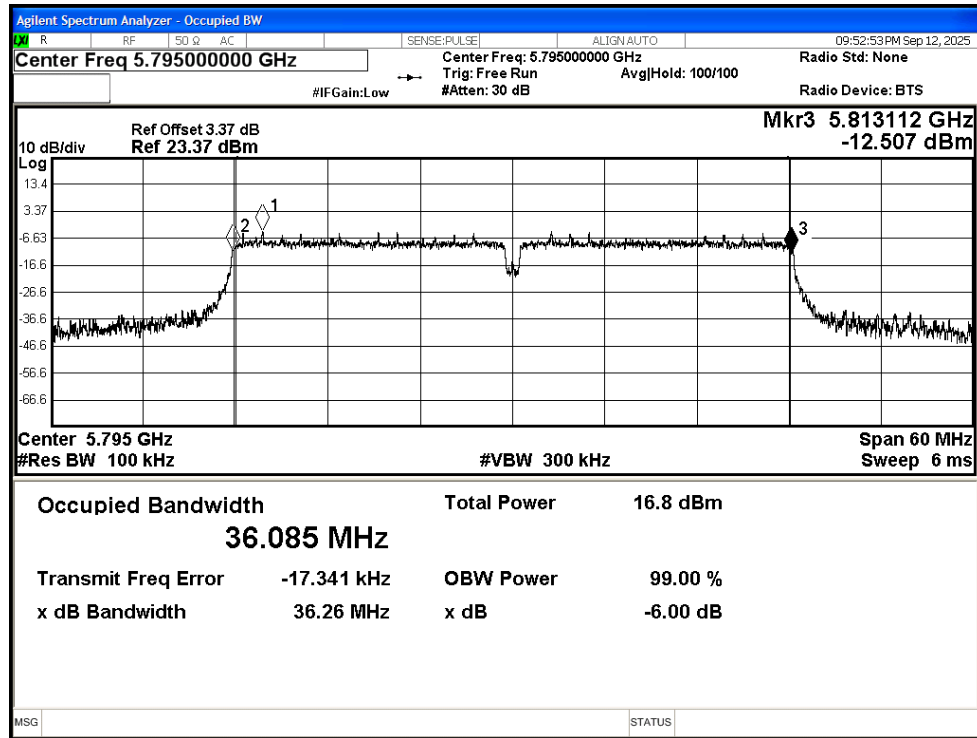
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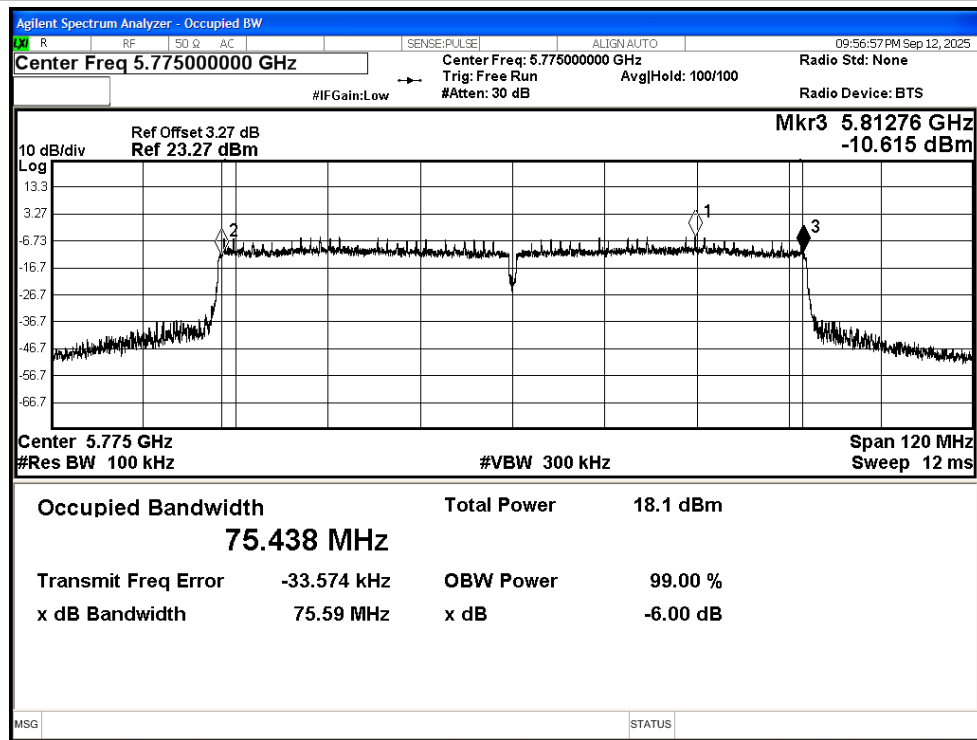
-6dB Bandwidth NVNT ac40 5755MHz Ant1

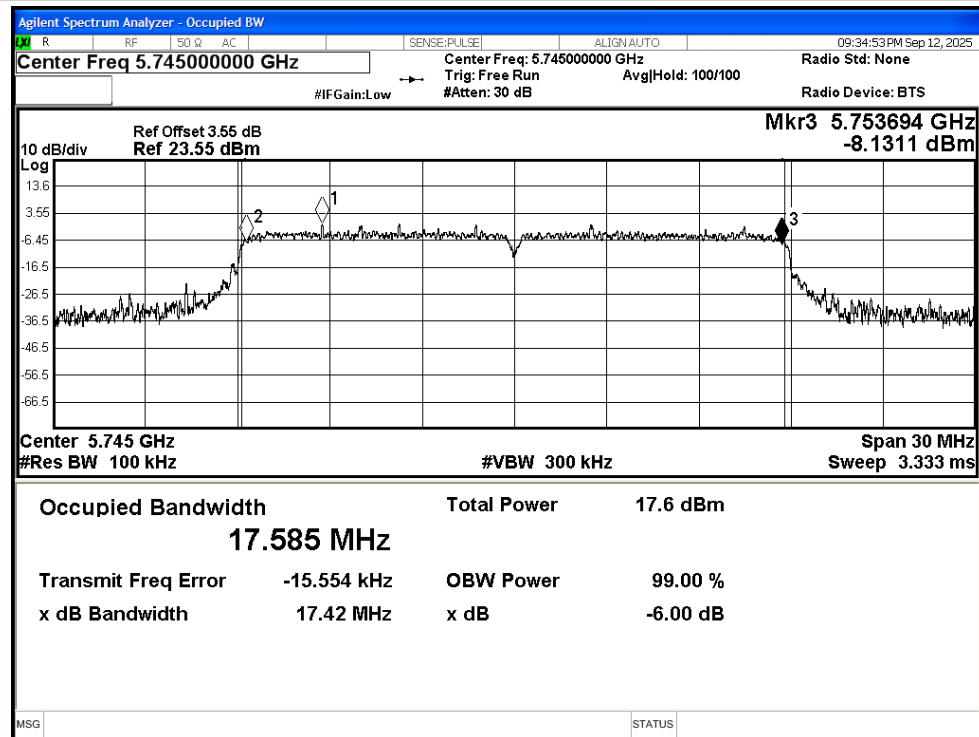


-6dB Bandwidth NVNT ac40 5795MHz Ant1

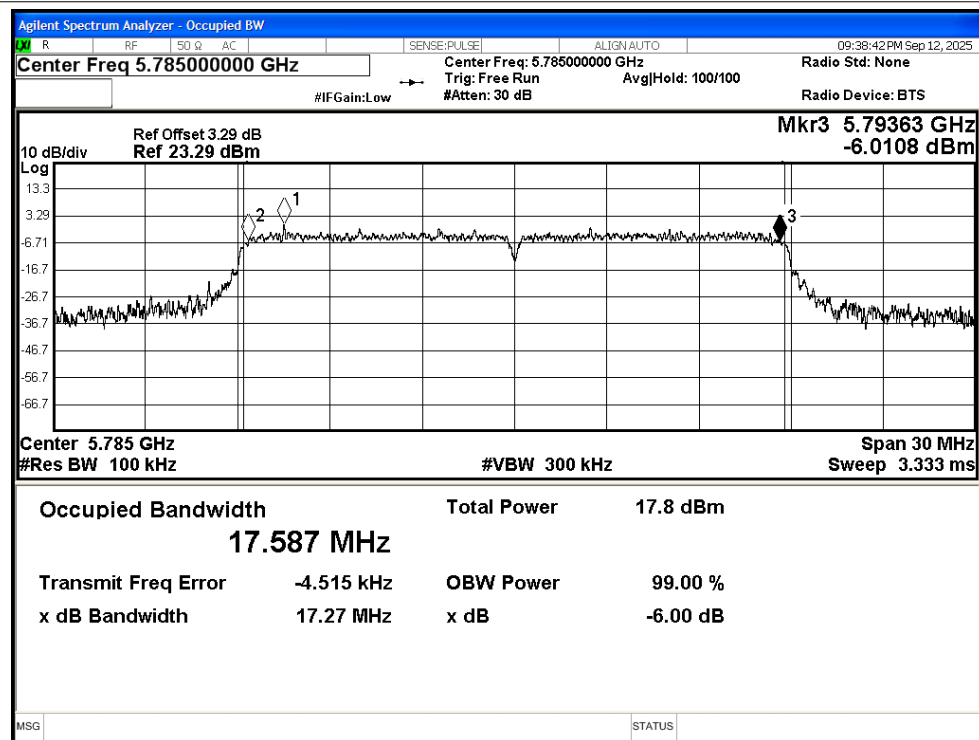


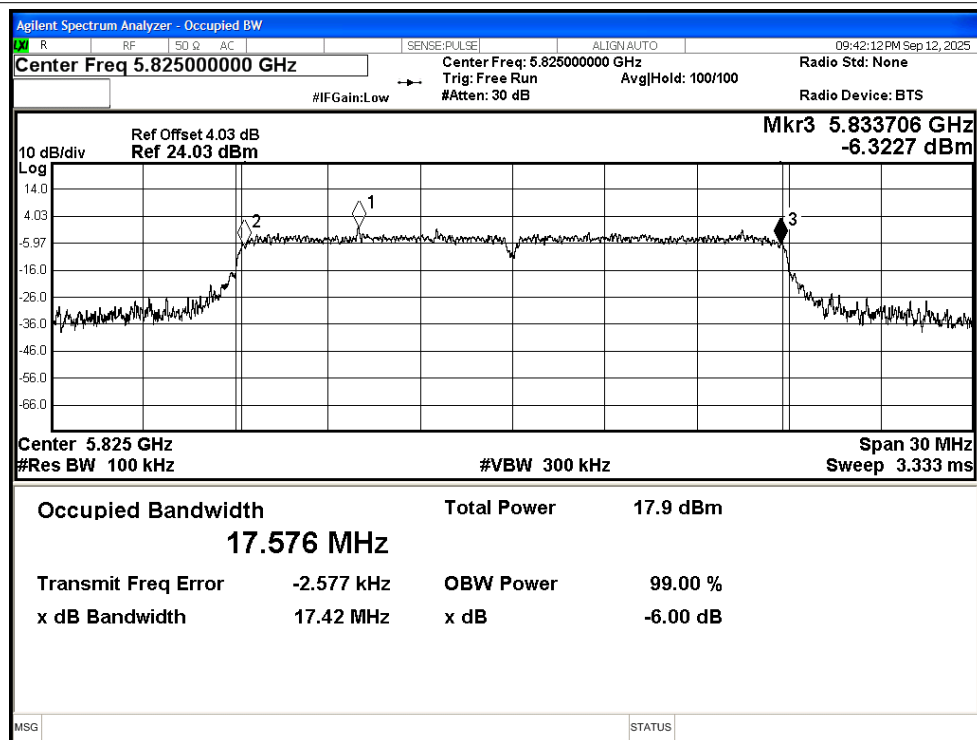
-6dB Bandwidth NVNT ac80 5775MHz Ant1



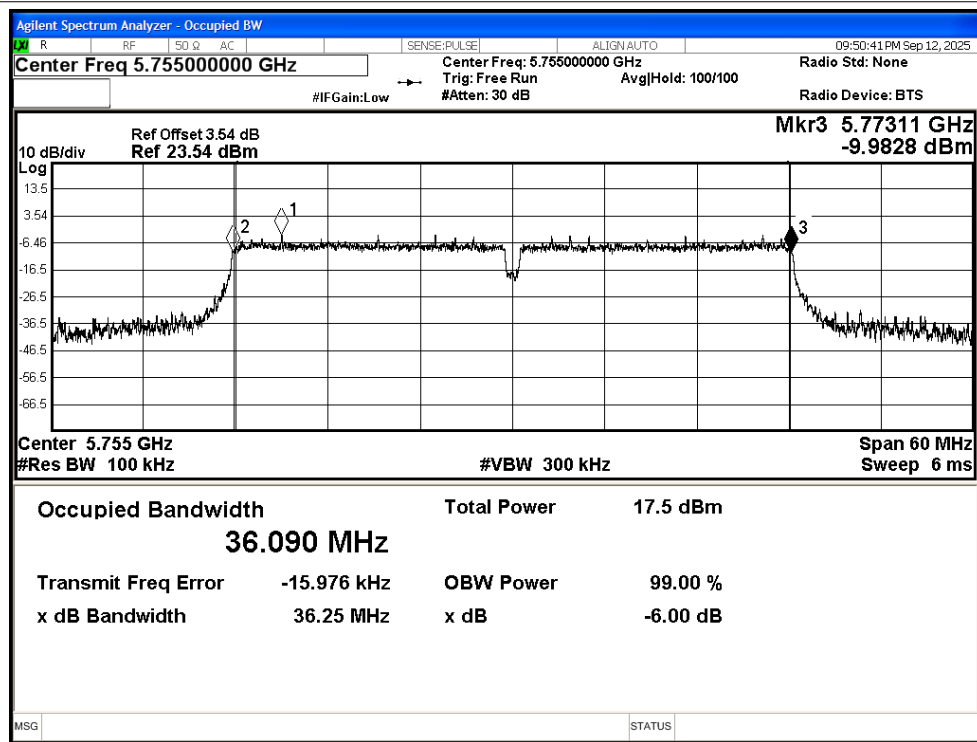
250904124FW4
-6dB Bandwidth NVNT ax20 5745MHz Ant1


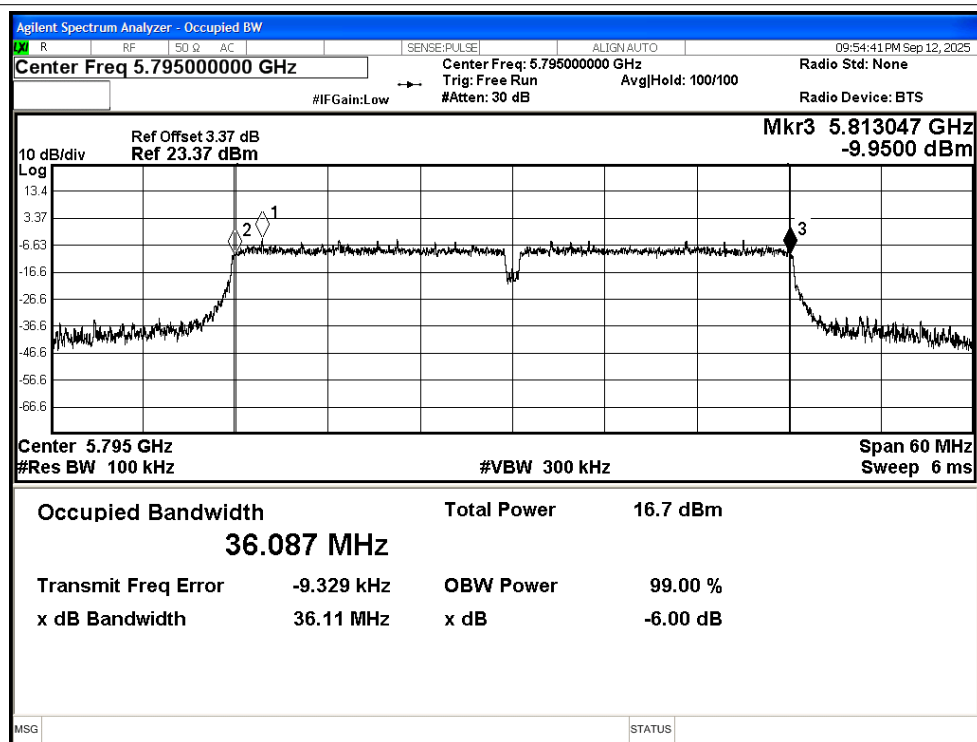
-6dB Bandwidth NVNT ax20 5785MHz Ant1



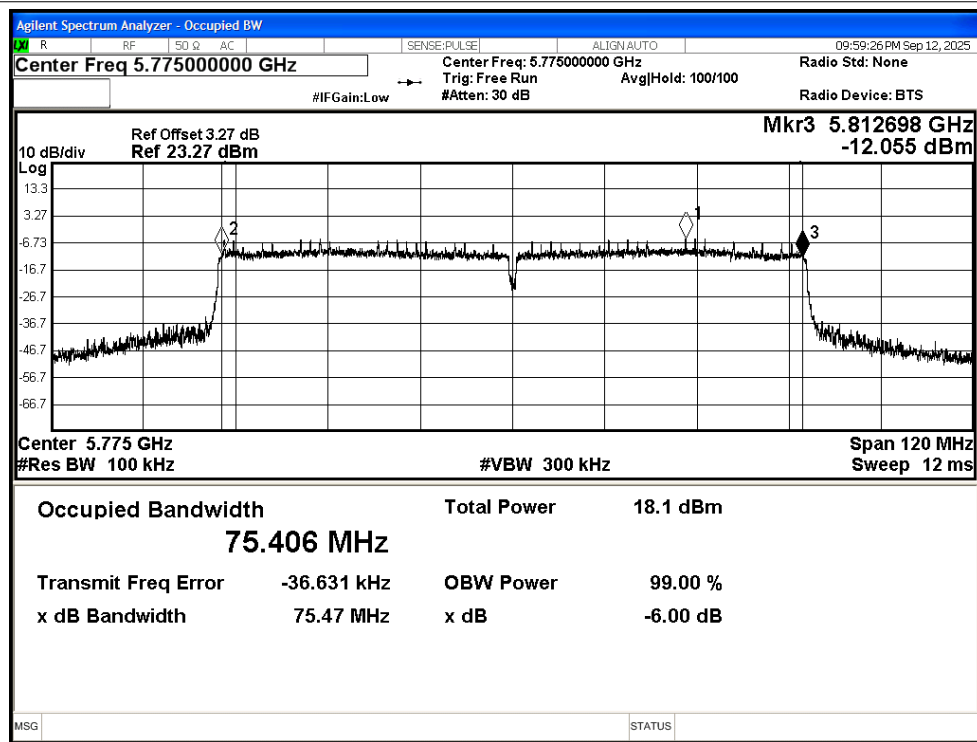
250904124FW4
-6dB Bandwidth NVNT ax20 5825MHz Ant1


-6dB Bandwidth NVNT ax40 5755MHz Ant1



250904124FW4
-6dB Bandwidth NVNT ax40 5795MHz Ant1


-6dB Bandwidth NVNT ax80 5775MHz Ant1



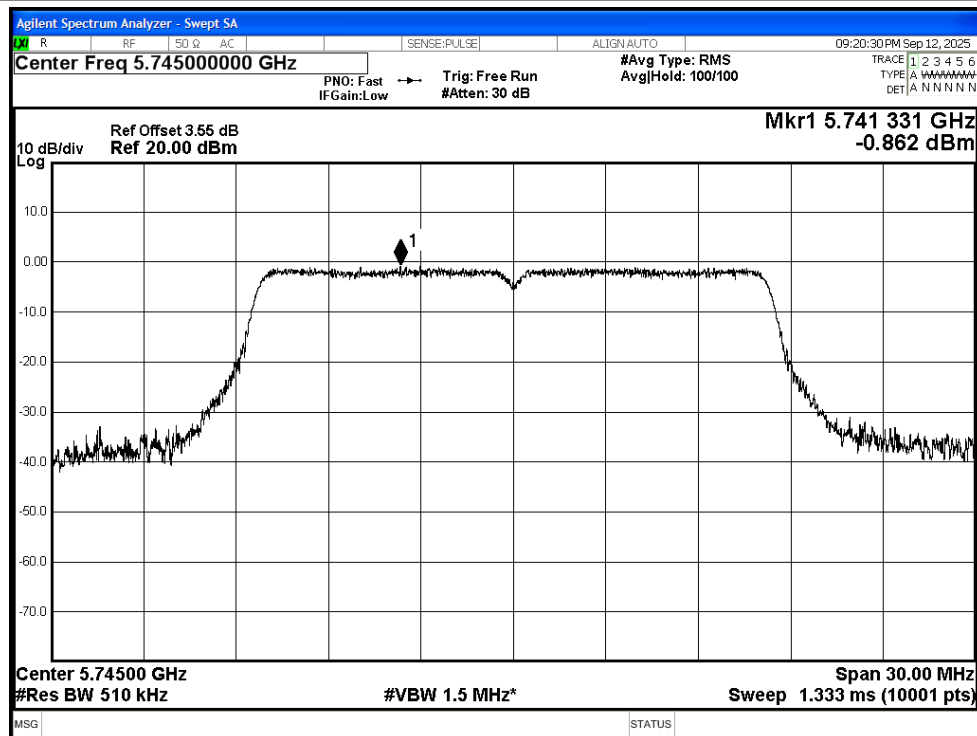
G.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.77	0.24	13.01	30	Pass
NVNT	a	5785	Ant1	12.12	0.24	12.36	30	Pass
NVNT	a	5825	Ant1	12.26	0.24	12.50	30	Pass
NVNT	n20	5745	Ant1	11.29	0.12	11.41	30	Pass
NVNT	n20	5785	Ant1	11.62	0.12	11.74	30	Pass
NVNT	n20	5825	Ant1	11.75	0.12	11.87	30	Pass
NVNT	n40	5755	Ant1	10.49	0.24	10.73	30	Pass
NVNT	n40	5795	Ant1	10.71	0.23	10.94	30	Pass
NVNT	ac20	5745	Ant1	11.35	0.12	11.47	30	Pass
NVNT	ac20	5785	Ant1	11.64	0.12	11.76	30	Pass
NVNT	ac20	5825	Ant1	11.80	0.12	11.92	30	Pass
NVNT	ac40	5755	Ant1	10.94	0.24	11.18	30	Pass
NVNT	ac40	5795	Ant1	10.13	0.24	10.37	30	Pass
NVNT	ac80	5775	Ant1	10.86	0.47	11.33	30	Pass
NVNT	ax20	5745	Ant1	11.33	0.12	11.45	30	Pass
NVNT	ax20	5785	Ant1	11.66	0.12	11.78	30	Pass
NVNT	ax20	5825	Ant1	11.78	0.12	11.90	30	Pass
NVNT	ax40	5755	Ant1	10.98	0.24	11.22	30	Pass
NVNT	ax40	5795	Ant1	10.15	0.24	10.39	30	Pass
NVNT	ax80	5775	Ant1	10.86	0.47	11.33	30	Pass

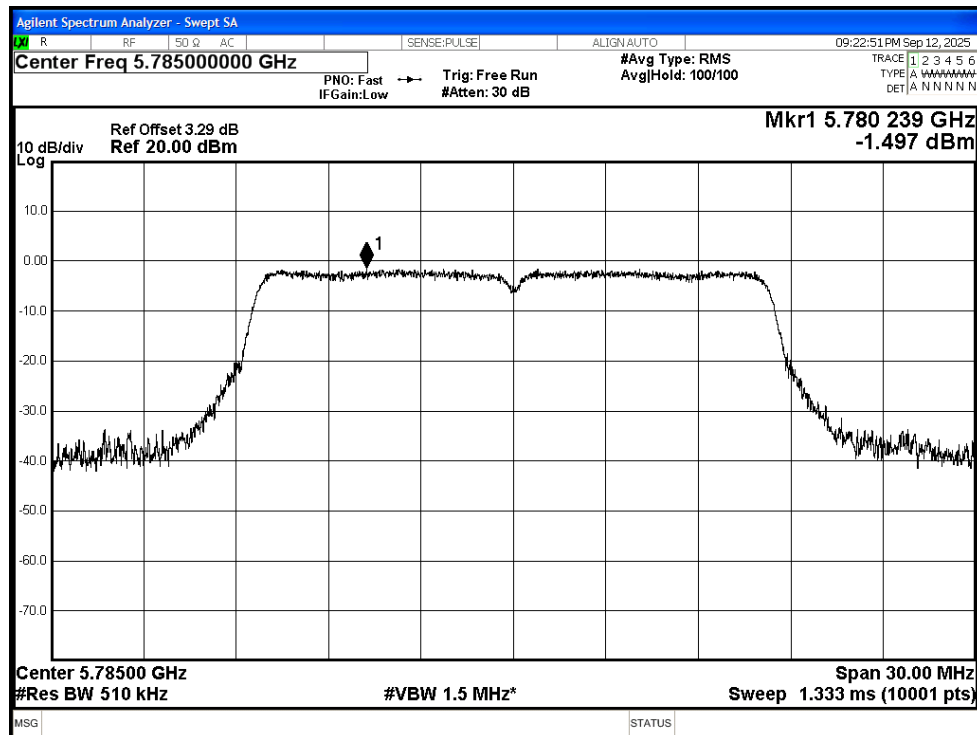
G.3 Maximum Power Spectral Density Level

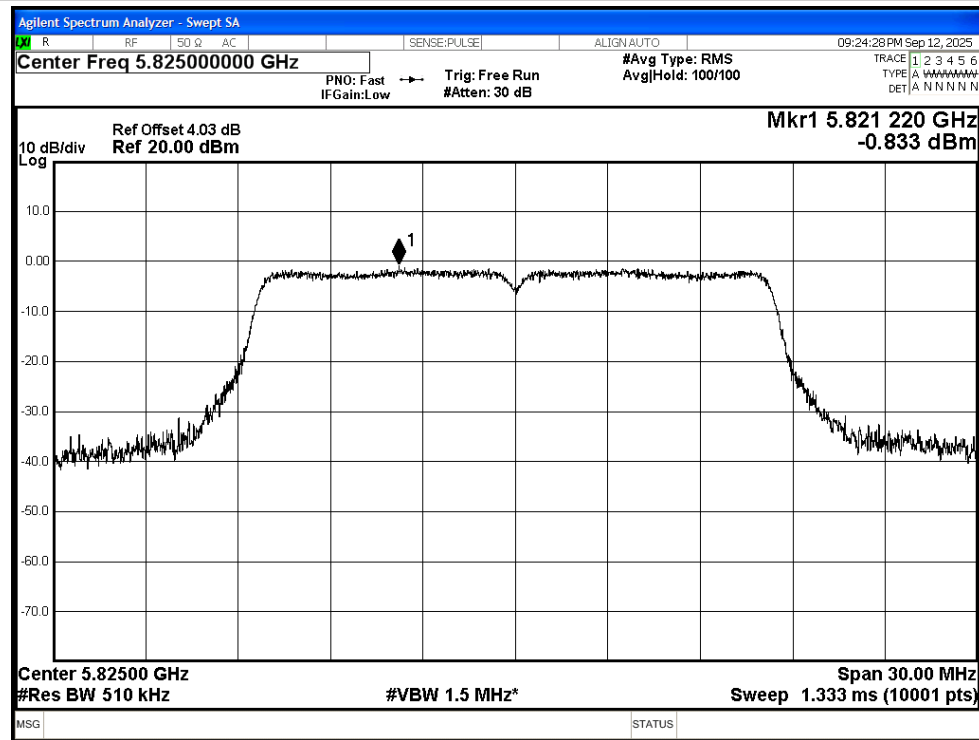
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-0.86	0.24	-0.62	30	Pass
NVNT	a	5785	Ant1	-1.5	0.24	-1.26	30	Pass
NVNT	a	5825	Ant1	-0.83	0.24	-0.59	30	Pass
NVNT	n20	5745	Ant1	-2.71	0.12	-2.59	30	Pass
NVNT	n20	5785	Ant1	-2.45	0.12	-2.33	30	Pass
NVNT	n20	5825	Ant1	-1.83	0.12	-1.71	30	Pass
NVNT	n40	5755	Ant1	-6.08	0.24	-5.84	30	Pass
NVNT	n40	5795	Ant1	-5.75	0.23	-5.52	30	Pass
NVNT	ac20	5745	Ant1	-2.56	0.12	-2.44	30	Pass
NVNT	ac20	5785	Ant1	-2.25	0.12	-2.13	30	Pass
NVNT	ac20	5825	Ant1	-2.02	0.12	-1.9	30	Pass
NVNT	ac40	5755	Ant1	-5.61	0.24	-5.37	30	Pass
NVNT	ac40	5795	Ant1	-6.82	0.24	-6.58	30	Pass
NVNT	ac80	5775	Ant1	-8.99	0.47	-8.52	30	Pass
NVNT	ax20	5745	Ant1	-2.4	0.12	-2.28	30	Pass
NVNT	ax20	5785	Ant1	-2.15	0.12	-2.03	30	Pass
NVNT	ax20	5825	Ant1	-2.08	0.12	-1.96	30	Pass
NVNT	ax40	5755	Ant1	-5.92	0.24	-5.68	30	Pass
NVNT	ax40	5795	Ant1	-6.95	0.24	-6.71	30	Pass
NVNT	ax80	5775	Ant1	-8.57	0.47	-8.1	30	Pass

PSD NVNT a 5745MHz Ant1

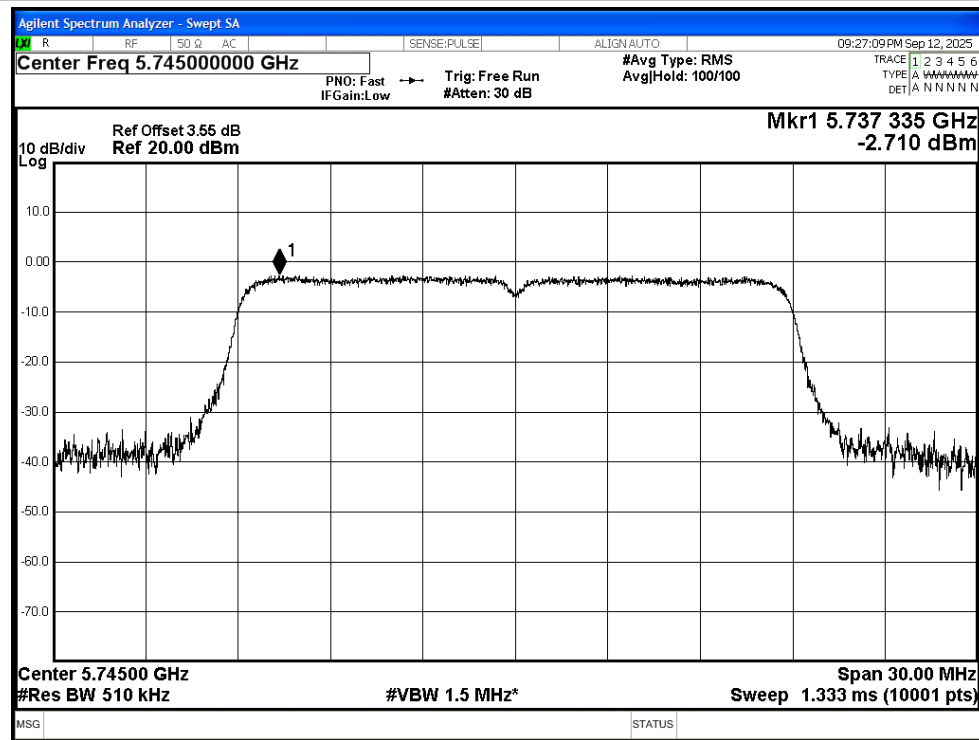


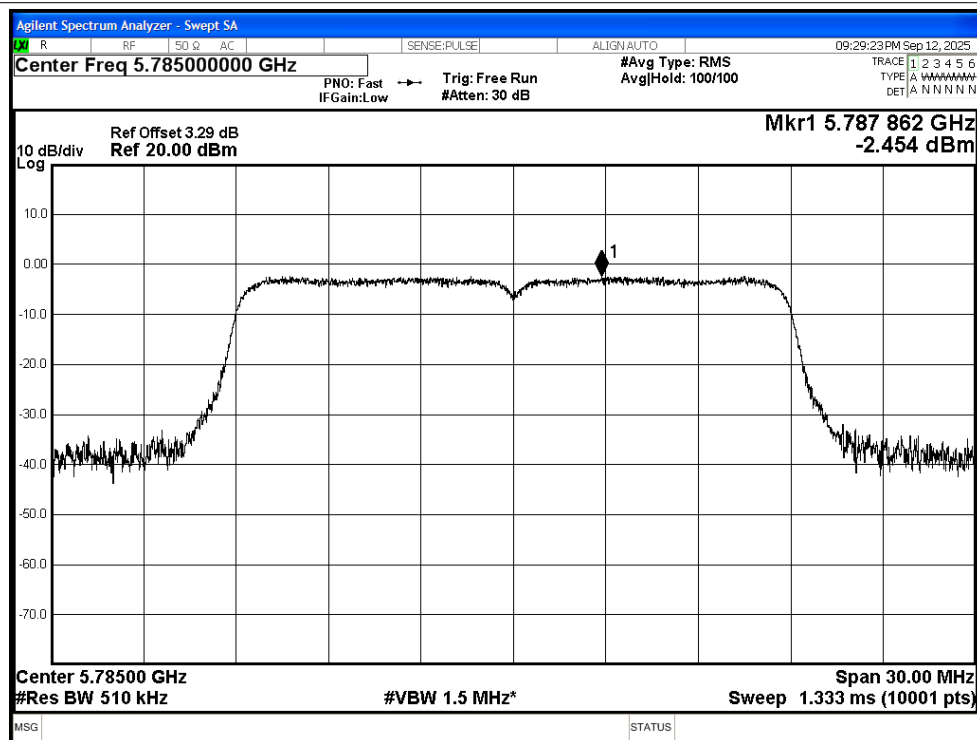
PSD NVNT a 5785MHz Ant1



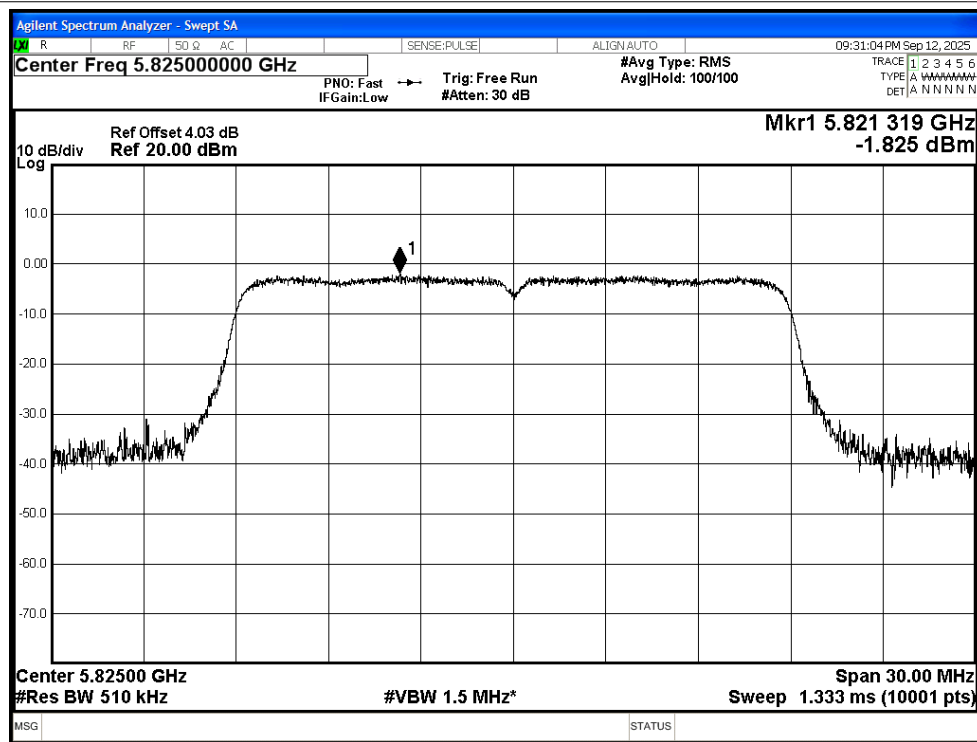
250904124FW4
PSD NVNT a 5825MHz Ant1


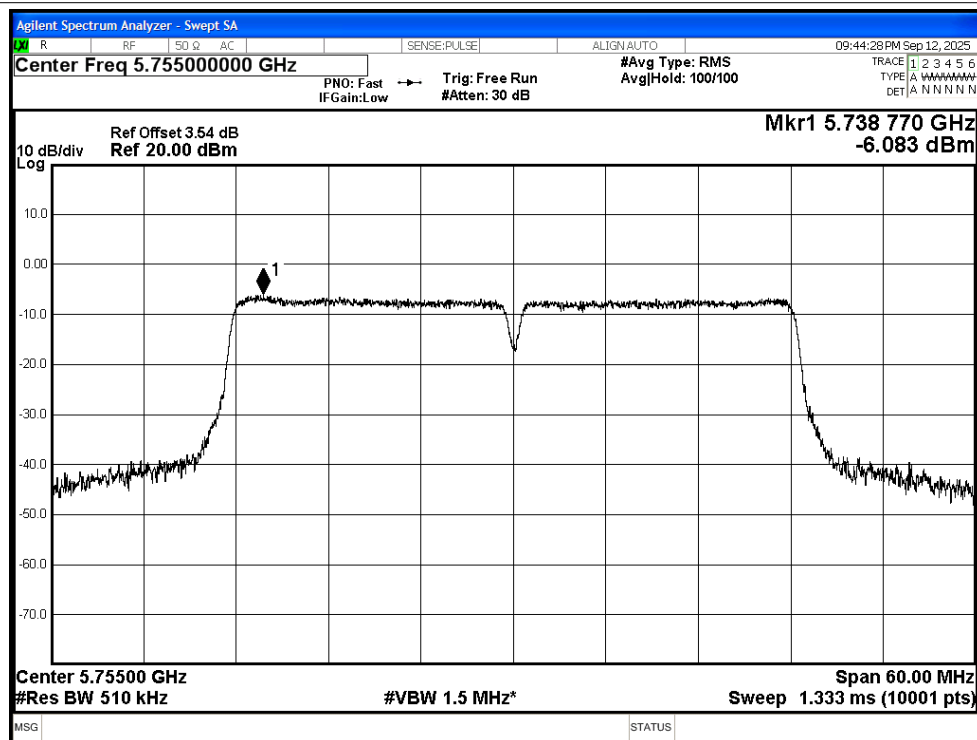
PSD NVNT n20 5745MHz Ant1



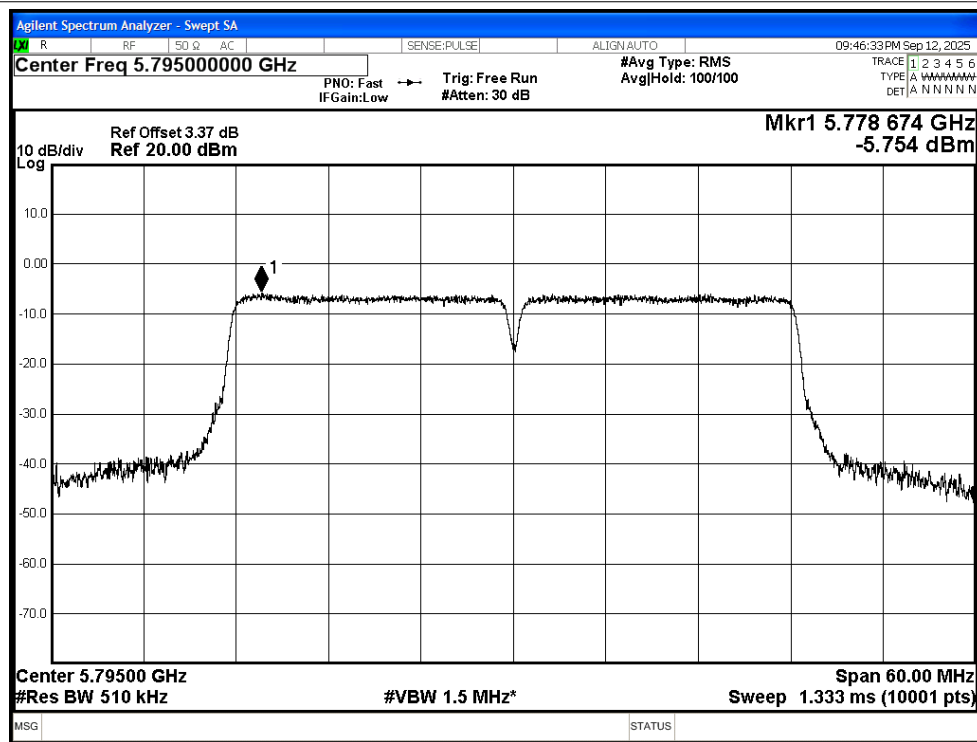
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PSD NVNT n20 5785MHz Ant1


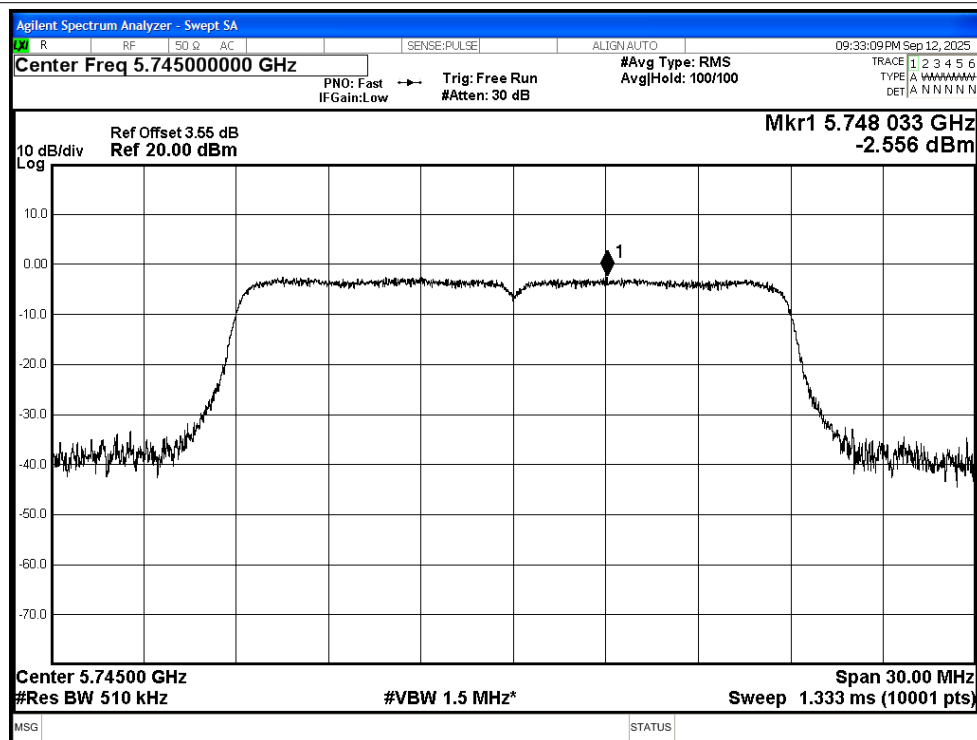
PSD NVNT n20 5825MHz Ant1



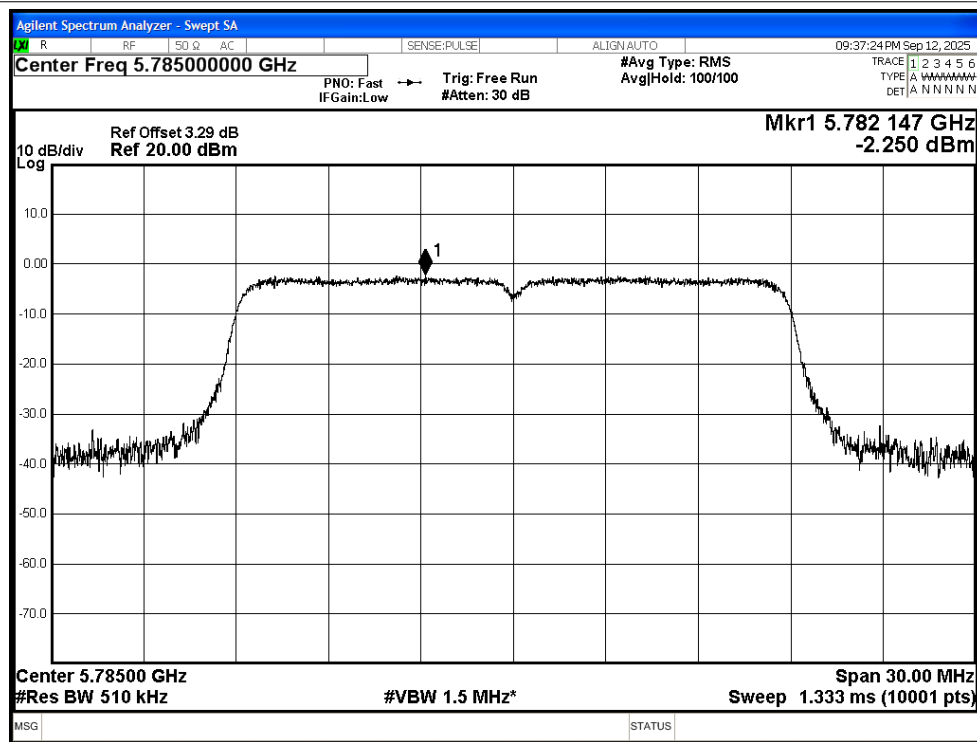
250904124FW4
PSD NVNT n40 5755MHz Ant1


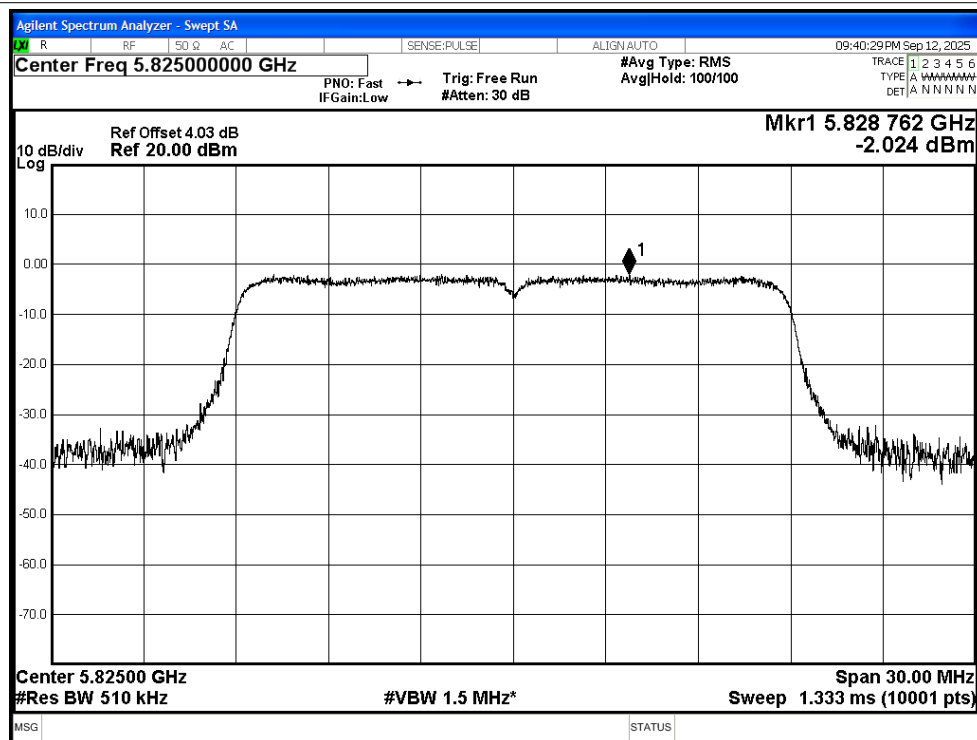
PSD NVNT n40 5795MHz Ant1



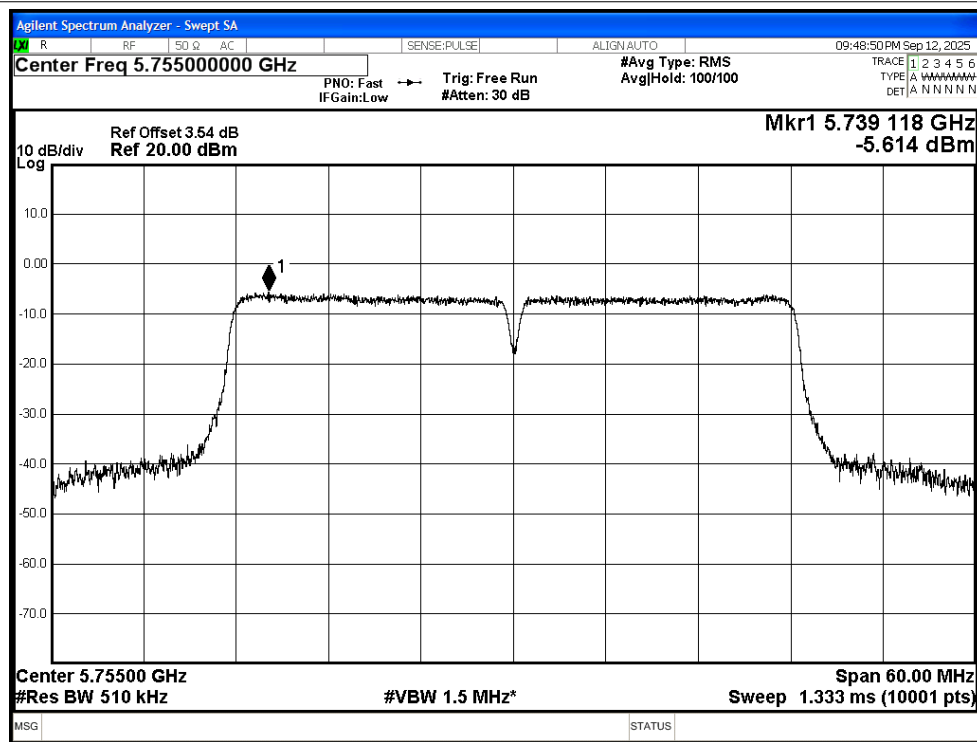
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PSD NVNT ac20 5745MHz Ant1


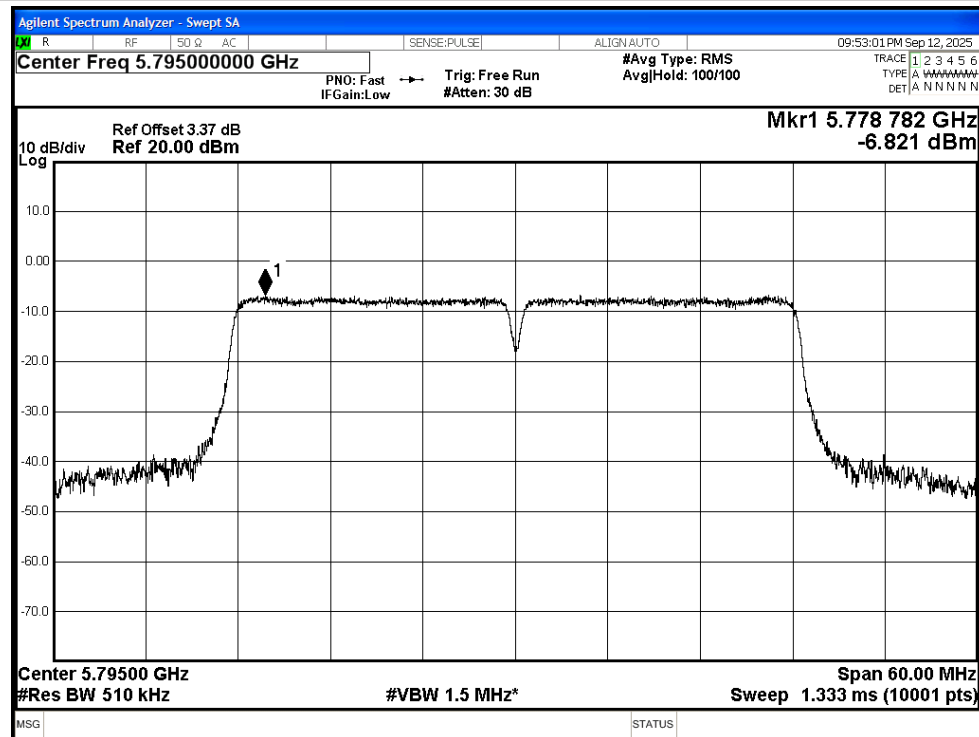
PSD NVNT ac20 5785MHz Ant1



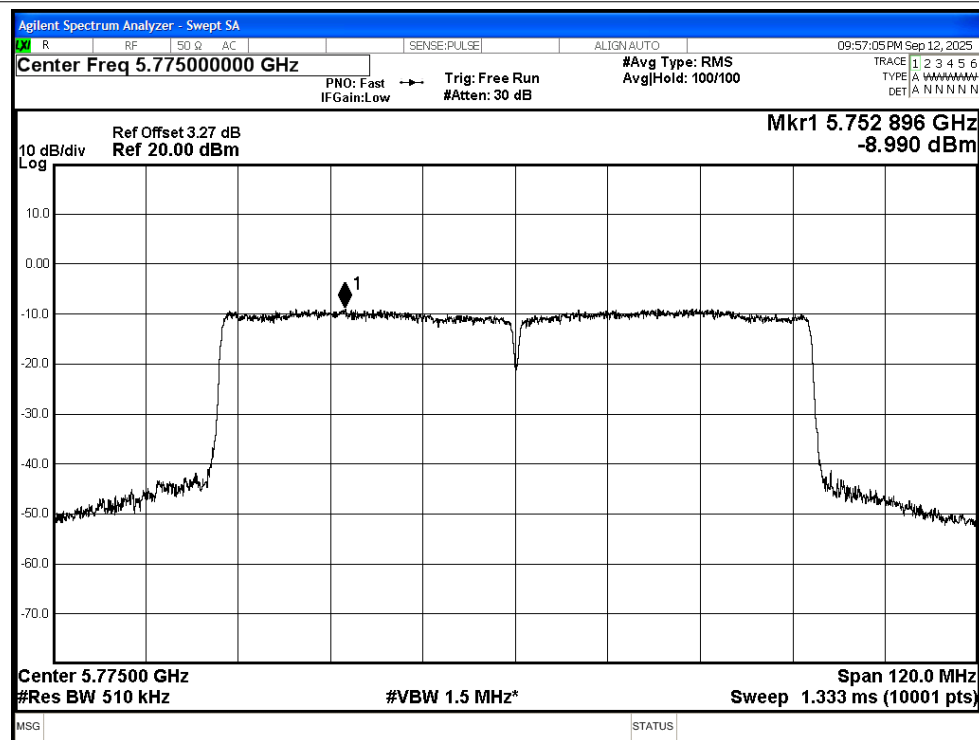
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PSD NVNT ac20 5825MHz Ant1


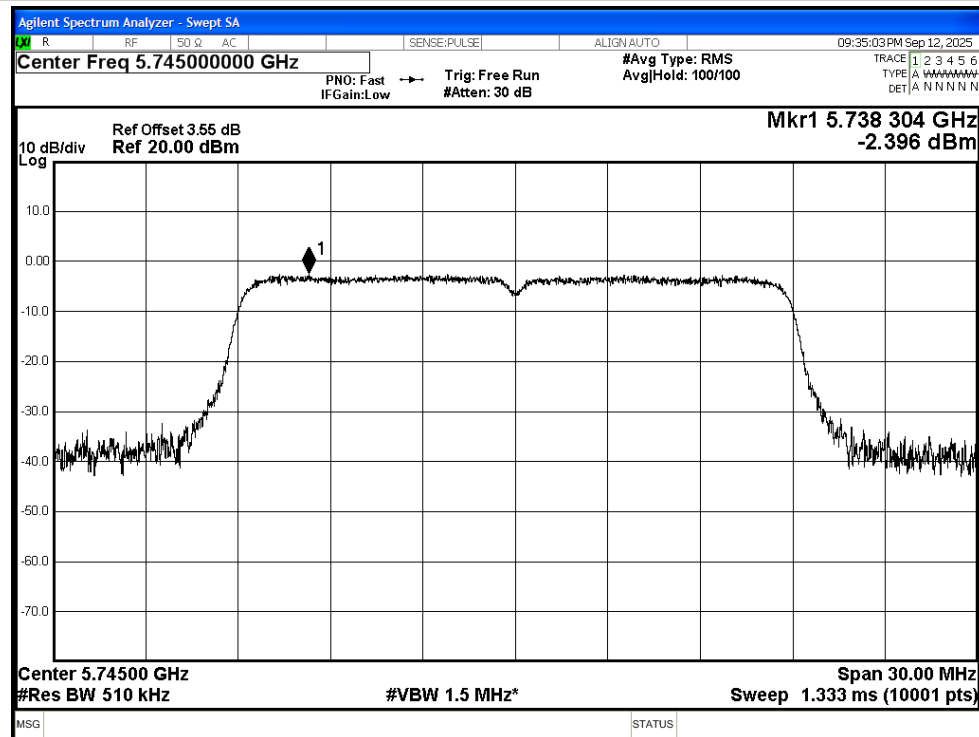
PSD NVNT ac40 5755MHz Ant1



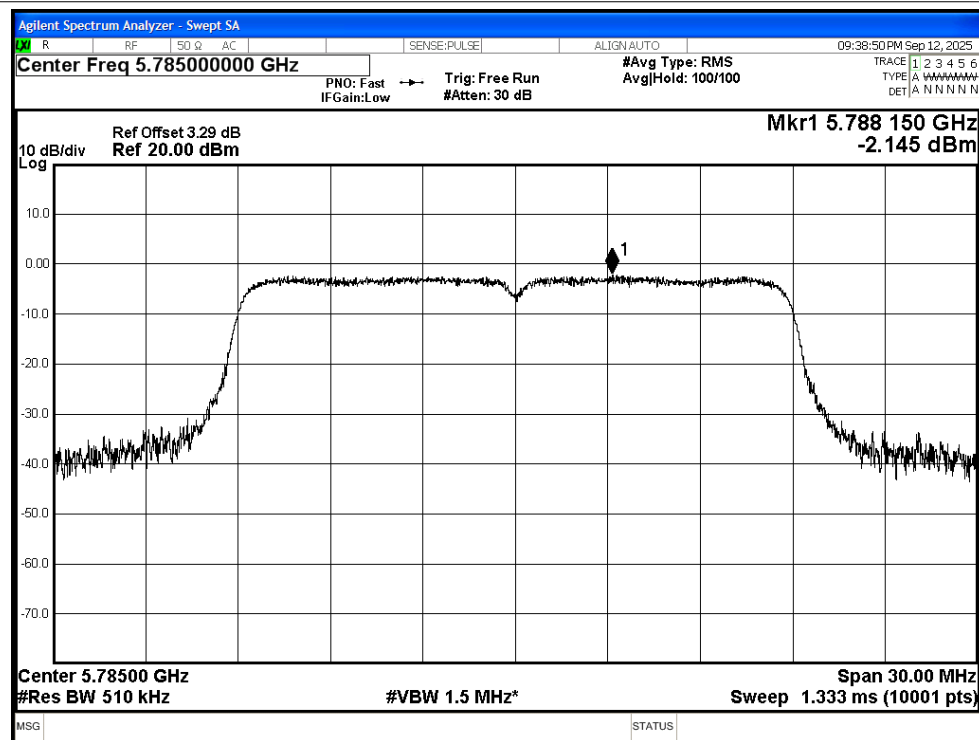
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PSD NVNT ac40 5795MHz Ant1


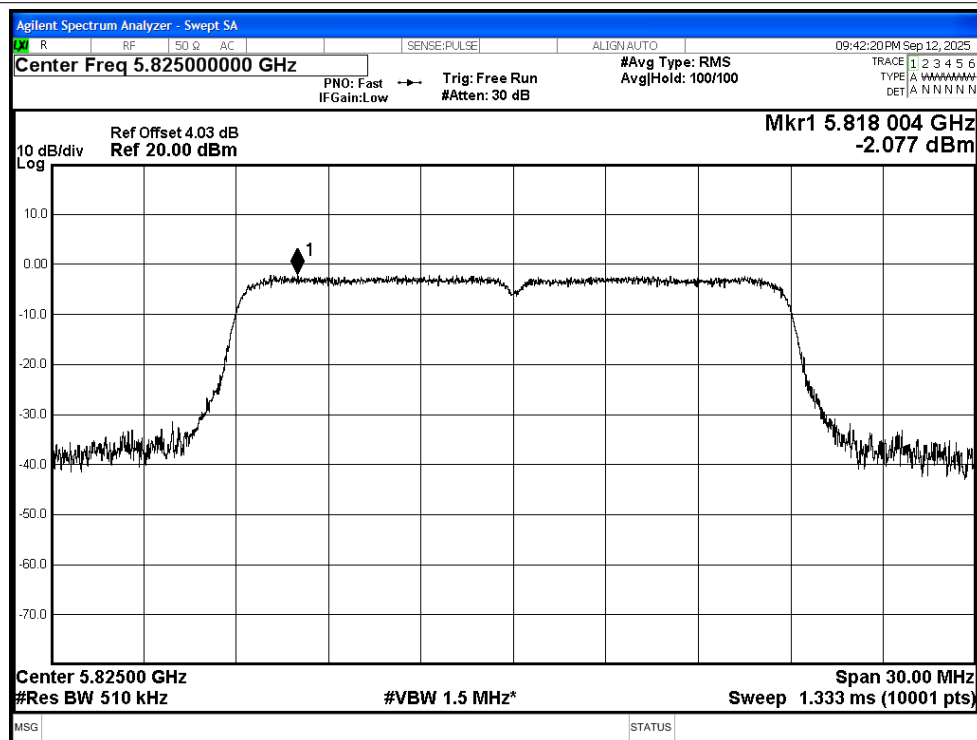
PSD NVNT ac80 5775MHz Ant1



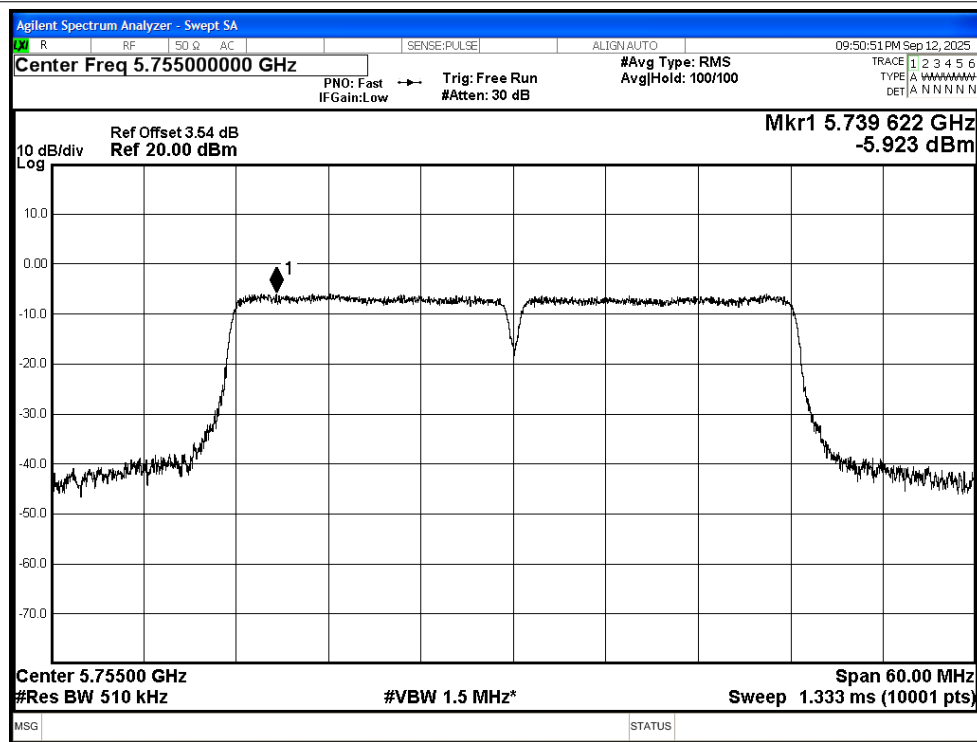
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PSD NVNT ax20 5745MHz Ant1


PSD NVNT ax20 5785MHz Ant1



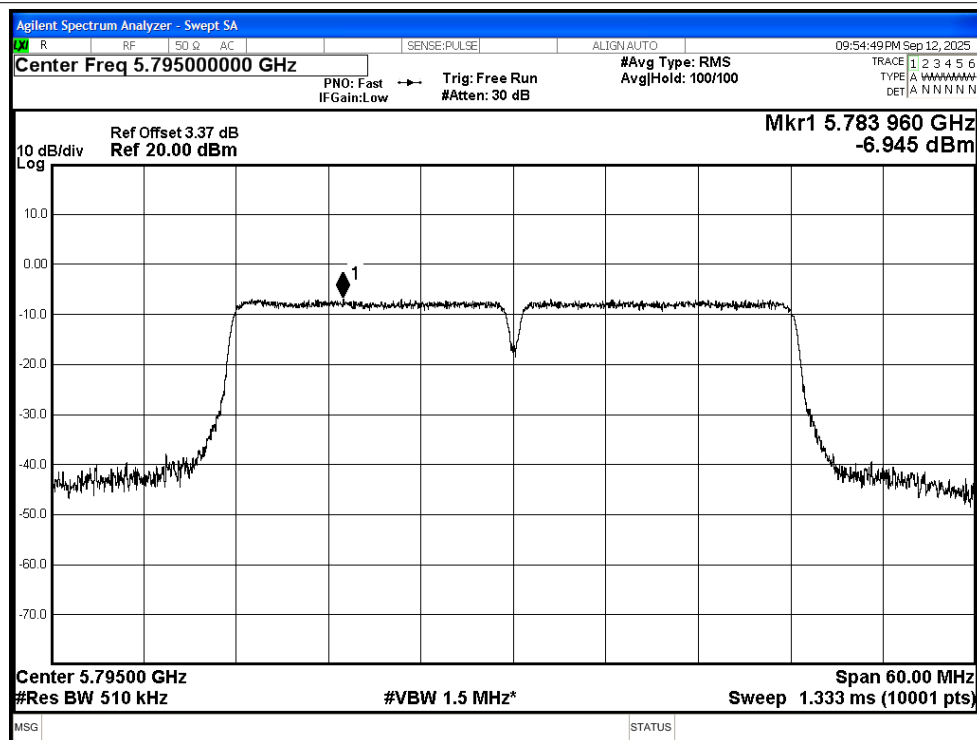
250904124FW4
PSD NVNT ax20 5825MHz Ant1


PSD NVNT ax40 5755MHz Ant1

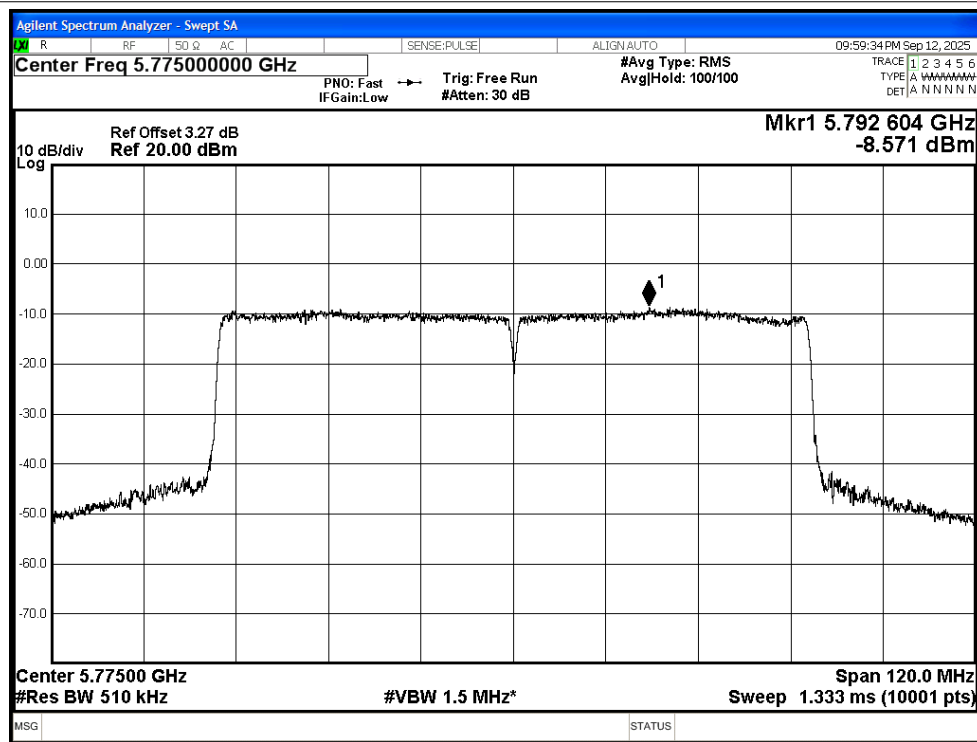


250904124FW4

PSD NVNT ax40 5795MHz Ant1



PSD NVNT ax80 5775MHz Ant1



G.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	5650	-49.36	2	-	-47.36	Peak	-27	Pass
NVNT	a	5745	Ant1	5650	-57.07	2	0.24	-54.83	Average	-27	Pass
NVNT	a	5745	Ant1	5700	-46.88	2	-	-44.88	Peak	10	Pass
NVNT	a	5745	Ant1	5700	-54.88	2	0.24	-52.64	Average	10	Pass
NVNT	a	5745	Ant1	5720	-31.95	2	-	-29.95	Peak	15.6	Pass
NVNT	a	5745	Ant1	5720	-46.07	2	0.24	-43.83	Average	15.6	Pass
NVNT	a	5745	Ant1	5725	-26.52	2	-	-24.52	Peak	27	Pass
NVNT	a	5745	Ant1	5725	-41.88	2	0.24	-39.64	Average	27	Pass
NVNT	a	5825	Ant1	5850	-36.78	2	-	-34.78	Peak	27	Pass
NVNT	a	5825	Ant1	5850	-50.66	2	0.24	-48.42	Average	27	Pass
NVNT	a	5825	Ant1	5855	-43.07	2	-	-41.07	Peak	15.6	Pass
NVNT	a	5825	Ant1	5855	-52.82	2	0.24	-50.58	Average	15.6	Pass
NVNT	a	5825	Ant1	5875	-47.03	2	-	-45.03	Peak	10	Pass
NVNT	a	5825	Ant1	5875	-55.14	2	0.24	-52.90	Average	10	Pass
NVNT	a	5825	Ant1	5925	-48.16	2	-	-46.16	Peak	-27	Pass
NVNT	a	5825	Ant1	5925	-55.78	2	0.24	-53.54	Average	-27	Pass
NVNT	n20	5745	Ant1	5650	-49.56	2	-	-47.56	Peak	-27	Pass
NVNT	n20	5745	Ant1	5650	-57.15	2	0.12	-55.03	Average	-27	Pass
NVNT	n20	5745	Ant1	5700	-45.44	2	-	-43.44	Peak	10	Pass
NVNT	n20	5745	Ant1	5700	-55.08	2	0.12	-52.96	Average	10	Pass
NVNT	n20	5745	Ant1	5720	-30.82	2	-	-28.82	Peak	15.6	Pass
NVNT	n20	5745	Ant1	5720	-46.61	2	0.12	-44.49	Average	15.6	Pass
NVNT	n20	5745	Ant1	5725	-26.58	2	-	-24.58	Peak	27	Pass
NVNT	n20	5745	Ant1	5725	-39.38	2	0.12	-37.26	Average	27	Pass
NVNT	n20	5825	Ant1	5850	-30.26	2	-	-28.26	Peak	27	Pass
NVNT	n20	5825	Ant1	5850	-43.96	2	0.12	-41.84	Average	27	Pass
NVNT	n20	5825	Ant1	5855	-38.47	2	-	-36.47	Peak	15.6	Pass
NVNT	n20	5825	Ant1	5855	-49.29	2	0.12	-47.17	Average	15.6	Pass
NVNT	n20	5825	Ant1	5875	-47.67	2	-	-45.67	Peak	10	Pass
NVNT	n20	5825	Ant1	5875	-55.02	2	0.12	-52.90	Average	10	Pass
NVNT	n20	5825	Ant1	5925	-47.89	2	-	-45.89	Peak	-27	Pass
NVNT	n20	5825	Ant1	5925	-55.37	2	0.12	-53.25	Average	-27	Pass
NVNT	n40	5755	Ant1	5650	-49.55	2	-	-47.55	Peak	-27	Pass
NVNT	n40	5755	Ant1	5650	-57.38	2	0.24	-55.14	Average	-27	Pass
NVNT	n40	5755	Ant1	5700	-47.42	2	-	-45.42	Peak	10	Pass
NVNT	n40	5755	Ant1	5700	-54.51	2	0.24	-52.27	Average	10	Pass
NVNT	n40	5755	Ant1	5720	-29.78	2	-	-27.78	Peak	15.6	Pass
NVNT	n40	5755	Ant1	5720	-45.55	2	0.24	-43.31	Average	15.6	Pass
NVNT	n40	5755	Ant1	5725	-30.28	2	-	-28.28	Peak	27	Pass



NVNT	n40	5755	Ant1	5725	-40.95	2	0.24	-38.71	Average	27	Pass
NVNT	n40	5795	Ant1	5850	-46.36	2	-	-44.36	Peak	27	Pass
NVNT	n40	5795	Ant1	5850	-55.52	2	0.23	-53.29	Average	27	Pass
NVNT	n40	5795	Ant1	5855	-46.93	2	-	-44.93	Peak	15.6	Pass
NVNT	n40	5795	Ant1	5855	-55.46	2	0.23	-53.23	Average	15.6	Pass
NVNT	n40	5795	Ant1	5875	-50.23	2	-	-48.23	Peak	10	Pass
NVNT	n40	5795	Ant1	5875	-57.93	2	0.23	-55.70	Average	10	Pass
NVNT	n40	5795	Ant1	5925	-48.68	2	-	-46.68	Peak	-27	Pass
NVNT	n40	5795	Ant1	5925	-57.14	2	0.23	-54.91	Average	-27	Pass
NVNT	ac20	5745	Ant1	5650	-48.57	2	-	-46.57	Peak	-27	Pass
NVNT	ac20	5745	Ant1	5650	-56.37	2	0.12	-54.25	Average	-27	Pass
NVNT	ac20	5745	Ant1	5700	-46.5	2	-	-44.50	Peak	10	Pass
NVNT	ac20	5745	Ant1	5700	-54.92	2	0.12	-52.80	Average	10	Pass
NVNT	ac20	5745	Ant1	5720	-30.7	2	-	-28.70	Peak	15.6	Pass
NVNT	ac20	5745	Ant1	5720	-45.23	2	0.12	-43.11	Average	15.6	Pass
NVNT	ac20	5745	Ant1	5725	-21.05	2	-	-19.05	Peak	27	Pass
NVNT	ac20	5745	Ant1	5725	-39.26	2	0.12	-37.14	Average	27	Pass
NVNT	ac20	5825	Ant1	5850	-32.2	2	-	-30.20	Peak	27	Pass
NVNT	ac20	5825	Ant1	5850	-46.77	2	0.12	-44.65	Average	27	Pass
NVNT	ac20	5825	Ant1	5855	-33.57	2	-	-31.57	Peak	15.6	Pass
NVNT	ac20	5825	Ant1	5855	-49.97	2	0.12	-47.85	Average	15.6	Pass
NVNT	ac20	5825	Ant1	5875	-45.94	2	-	-43.94	Peak	10	Pass
NVNT	ac20	5825	Ant1	5875	-55	2	0.12	-52.88	Average	10	Pass
NVNT	ac20	5825	Ant1	5925	-46.51	2	-	-44.51	Peak	-27	Pass
NVNT	ac20	5825	Ant1	5925	-55.63	2	0.12	-53.51	Average	-27	Pass
NVNT	ac40	5755	Ant1	5650	-48.09	2	-	-46.09	Peak	-27	Pass
NVNT	ac40	5755	Ant1	5650	-56.97	2	0.24	-54.73	Average	-27	Pass
NVNT	ac40	5755	Ant1	5700	-45.35	2	-	-43.35	Peak	10	Pass
NVNT	ac40	5755	Ant1	5700	-54.24	2	0.24	-52.00	Average	10	Pass
NVNT	ac40	5755	Ant1	5720	-31.29	2	-	-29.29	Peak	15.6	Pass
NVNT	ac40	5755	Ant1	5720	-45.17	2	0.24	-42.93	Average	15.6	Pass
NVNT	ac40	5755	Ant1	5725	-24.07	2	-	-22.07	Peak	27	Pass
NVNT	ac40	5755	Ant1	5725	-39.65	2	0.24	-37.41	Average	27	Pass
NVNT	ac40	5795	Ant1	5850	-48.26	2	-	-46.26	Peak	27	Pass
NVNT	ac40	5795	Ant1	5850	-55.62	2	0.24	-53.38	Average	27	Pass
NVNT	ac40	5795	Ant1	5855	-48.34	2	-	-46.34	Peak	15.6	Pass
NVNT	ac40	5795	Ant1	5855	-56.17	2	0.24	-53.93	Average	15.6	Pass
NVNT	ac40	5795	Ant1	5875	-49.19	2	-	-47.19	Peak	10	Pass
NVNT	ac40	5795	Ant1	5875	-57.33	2	0.24	-55.09	Average	10	Pass
NVNT	ac40	5795	Ant1	5925	-50.15	2	-	-48.15	Peak	-27	Pass
NVNT	ac40	5795	Ant1	5925	-57.17	2	0.24	-54.93	Average	-27	Pass
NVNT	ac80	5775	Ant1	5850	-39.47	2	-	-37.47	Peak	27	Pass
NVNT	ac80	5775	Ant1	5850	-49.78	2	0.47	-47.31	Average	27	Pass
NVNT	ac80	5775	Ant1	5855	-39.38	2	-	-37.38	Peak	15.6	Pass



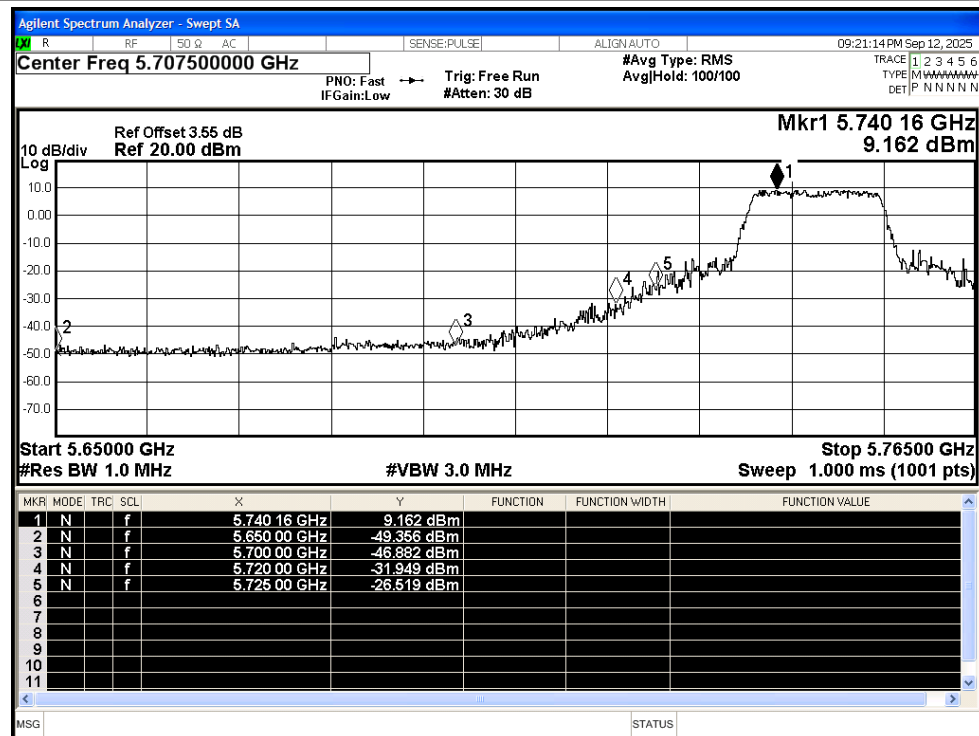
NVNT	ac80	5775	Ant1	5855	-49.49	2	0.47	-46.72	Average	15.6	Pass
NVNT	ac80	5775	Ant1	5875	-44.98	2	-	-42.98	Peak	10	Pass
NVNT	ac80	5775	Ant1	5875	-53.73	2	0.47	-51.26	Average	10	Pass
NVNT	ac80	5775	Ant1	5925	-48.71	2	-	-46.71	Peak	-27	Pass
NVNT	ac80	5775	Ant1	5925	-56.57	2	0.47	-54.10	Average	-27	Pass
NVNT	ac80	5775	Ant1	5650	-47.73	2	-	-45.73	Peak	-27	Pass
NVNT	ac80	5775	Ant1	5650	-55.76	2	0.47	-53.29	Average	-27	Pass
NVNT	ac80	5775	Ant1	5700	-41.82	2	-	-39.82	Peak	10	Pass
NVNT	ac80	5775	Ant1	5700	-50.48	2	0.47	-48.01	Average	10	Pass
NVNT	ac80	5775	Ant1	5720	-32.63	2	-	-30.63	Peak	15.6	Pass
NVNT	ac80	5775	Ant1	5720	-46.18	2	0.47	-43.71	Average	15.6	Pass
NVNT	ac80	5775	Ant1	5725	-31.04	2	-	-29.04	Peak	27	Pass
NVNT	ac80	5775	Ant1	5725	-43.18	2	0.47	-40.71	Average	27	Pass
NVNT	ax20	5745	Ant1	5650	-47.27	2	-	-45.27	Peak	-27	Pass
NVNT	ax20	5745	Ant1	5650	-56.69	2	0.12	-54.57	Average	-27	Pass
NVNT	ax20	5745	Ant1	5700	-48.33	2	-	-46.33	Peak	10	Pass
NVNT	ax20	5745	Ant1	5700	-54.67	2	0.12	-52.55	Average	10	Pass
NVNT	ax20	5745	Ant1	5720	-34.63	2	-	-32.63	Peak	15.6	Pass
NVNT	ax20	5745	Ant1	5720	-44.79	2	0.12	-42.67	Average	15.6	Pass
NVNT	ax20	5745	Ant1	5725	-24.39	2	-	-22.39	Peak	27	Pass
NVNT	ax20	5745	Ant1	5725	-39.77	2	0.12	-37.65	Average	27	Pass
NVNT	ax20	5825	Ant1	5850	-30.25	2	-	-28.25	Peak	27	Pass
NVNT	ax20	5825	Ant1	5850	-45.05	2	0.12	-42.93	Average	27	Pass
NVNT	ax20	5825	Ant1	5855	-34.66	2	-	-32.66	Peak	15.6	Pass
NVNT	ax20	5825	Ant1	5855	-50.39	2	0.12	-48.27	Average	15.6	Pass
NVNT	ax20	5825	Ant1	5875	-46.31	2	-	-44.31	Peak	10	Pass
NVNT	ax20	5825	Ant1	5875	-54.53	2	0.12	-52.41	Average	10	Pass
NVNT	ax20	5825	Ant1	5925	-47.13	2	-	-45.13	Peak	-27	Pass
NVNT	ax20	5825	Ant1	5925	-56.18	2	0.12	-54.06	Average	-27	Pass
NVNT	ax40	5755	Ant1	5650	-48.16	2	-	-46.16	Peak	-27	Pass
NVNT	ax40	5755	Ant1	5650	-56.91	2	0.24	-54.67	Average	-27	Pass
NVNT	ax40	5755	Ant1	5700	-45.48	2	-	-43.48	Peak	10	Pass
NVNT	ax40	5755	Ant1	5700	-54.3	2	0.24	-52.06	Average	10	Pass
NVNT	ax40	5755	Ant1	5720	-31.39	2	-	-29.39	Peak	15.6	Pass
NVNT	ax40	5755	Ant1	5720	-44.24	2	0.24	-42.00	Average	15.6	Pass
NVNT	ax40	5755	Ant1	5725	-28.21	2	-	-26.21	Peak	27	Pass
NVNT	ax40	5755	Ant1	5725	-42.5	2	0.24	-40.26	Average	27	Pass
NVNT	ax40	5795	Ant1	5850	-45.75	2	-	-43.75	Peak	27	Pass
NVNT	ax40	5795	Ant1	5850	-56.21	2	0.24	-53.97	Average	27	Pass
NVNT	ax40	5795	Ant1	5855	-48.15	2	-	-46.15	Peak	15.6	Pass
NVNT	ax40	5795	Ant1	5855	-56.83	2	0.24	-54.59	Average	15.6	Pass
NVNT	ax40	5795	Ant1	5875	-48.92	2	-	-46.92	Peak	10	Pass
NVNT	ax40	5795	Ant1	5875	-57.31	2	0.24	-55.07	Average	10	Pass
NVNT	ax40	5795	Ant1	5925	-49.24	2	-	-47.24	Peak	-27	Pass



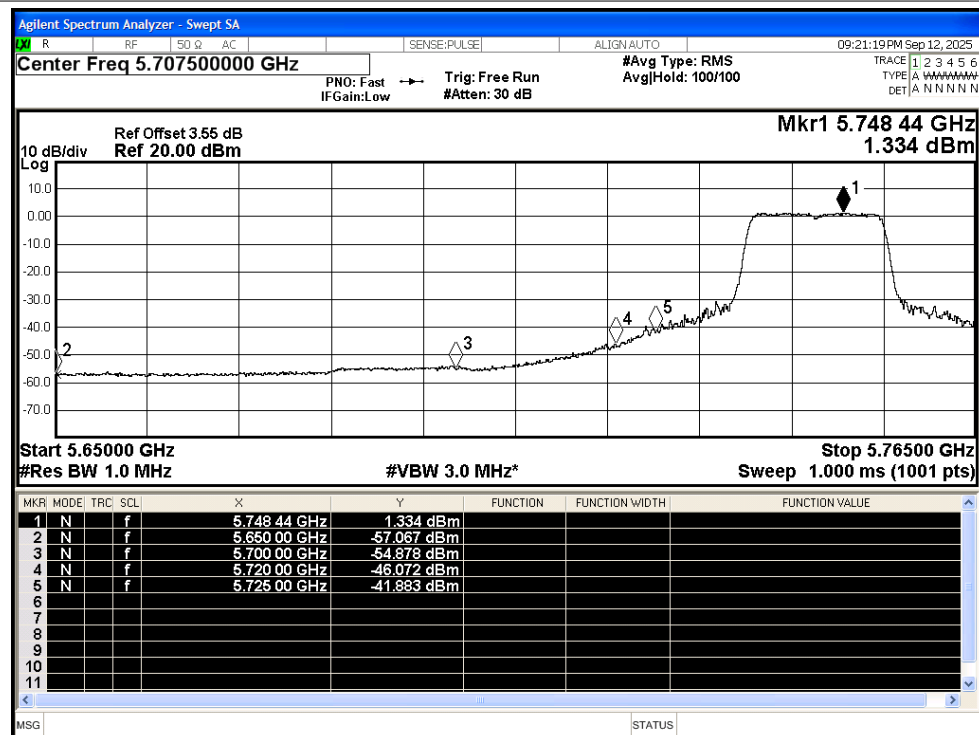
250904124FW4

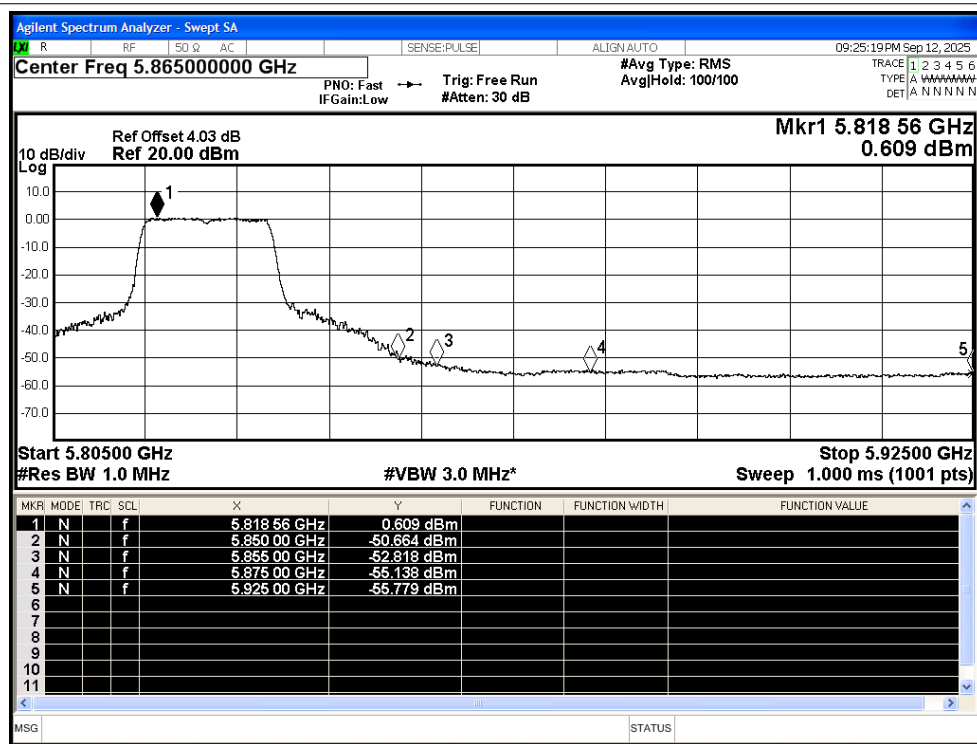
NVNT	ax40	5795	Ant1	5925	-57.21	2	0.24	-54.97	Average	-27	Pass
NVNT	ax80	5775	Ant1	5850	-40.11	2	-	-38.11	Peak	27	Pass
NVNT	ax80	5775	Ant1	5850	-49.36	2	0.47	-46.89	Average	27	Pass
NVNT	ax80	5775	Ant1	5855	-39.2	2	-	-37.20	Peak	15.6	Pass
NVNT	ax80	5775	Ant1	5855	-49.76	2	0.47	-47.29	Average	15.6	Pass
NVNT	ax80	5775	Ant1	5875	-44.8	2	-	-42.80	Peak	10	Pass
NVNT	ax80	5775	Ant1	5875	-53.81	2	0.47	-51.34	Average	10	Pass
NVNT	ax80	5775	Ant1	5925	-48.44	2	-	-46.44	Peak	-27	Pass
NVNT	ax80	5775	Ant1	5925	-56.56	2	0.47	-54.09	Average	-27	Pass
NVNT	ax80	5775	Ant1	5650	-46.84	2	-	-44.84	Peak	-27	Pass
NVNT	ax80	5775	Ant1	5650	-55.3	2	0.47	-52.83	Average	-27	Pass
NVNT	ax80	5775	Ant1	5700	-41.62	2	-	-39.62	Peak	10	Pass
NVNT	ax80	5775	Ant1	5700	-49.75	2	0.47	-47.28	Average	10	Pass
NVNT	ax80	5775	Ant1	5720	-38.49	2	-	-36.49	Peak	15.6	Pass
NVNT	ax80	5775	Ant1	5720	-45.74	2	0.47	-43.27	Average	15.6	Pass
NVNT	ax80	5775	Ant1	5725	-30.44	2	-	-28.44	Peak	27	Pass
NVNT	ax80	5775	Ant1	5725	-43	2	0.47	-40.53	Average	27	Pass

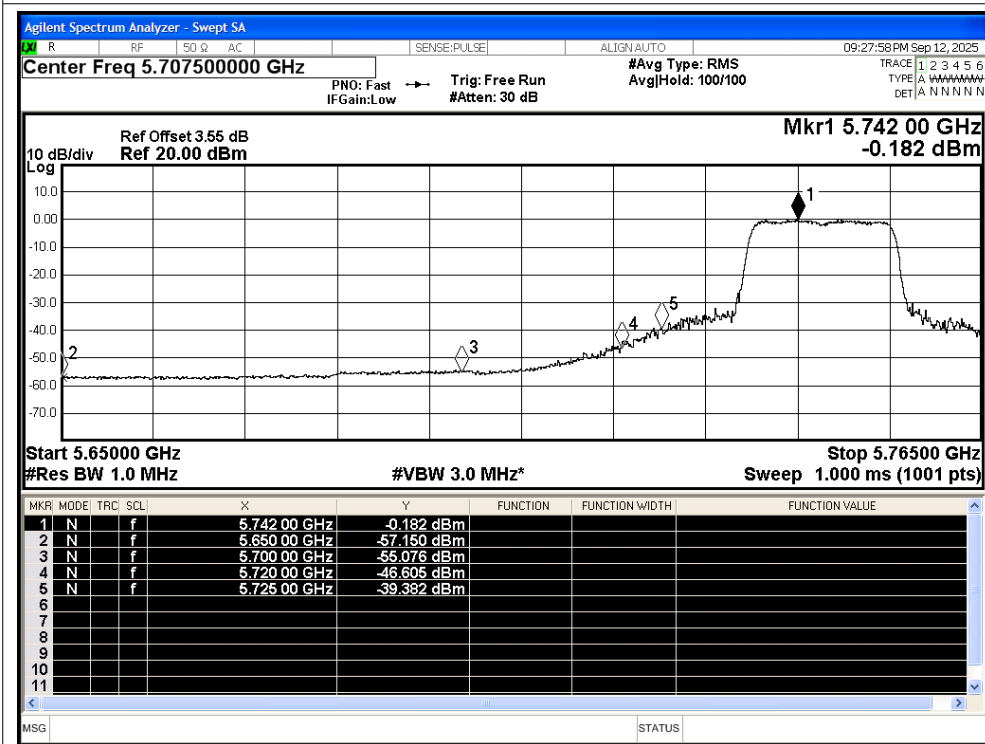
Restrict Band NVNT a 5745MHz Ant1 Peak

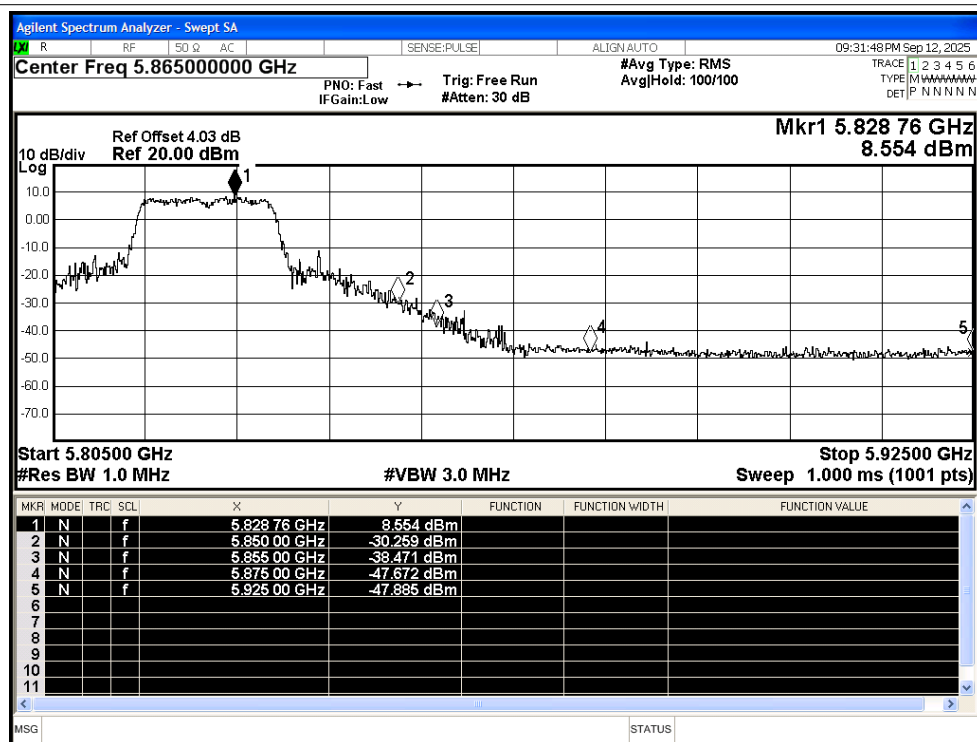


Restrict Band NVNT a 5745MHz Ant1 Average

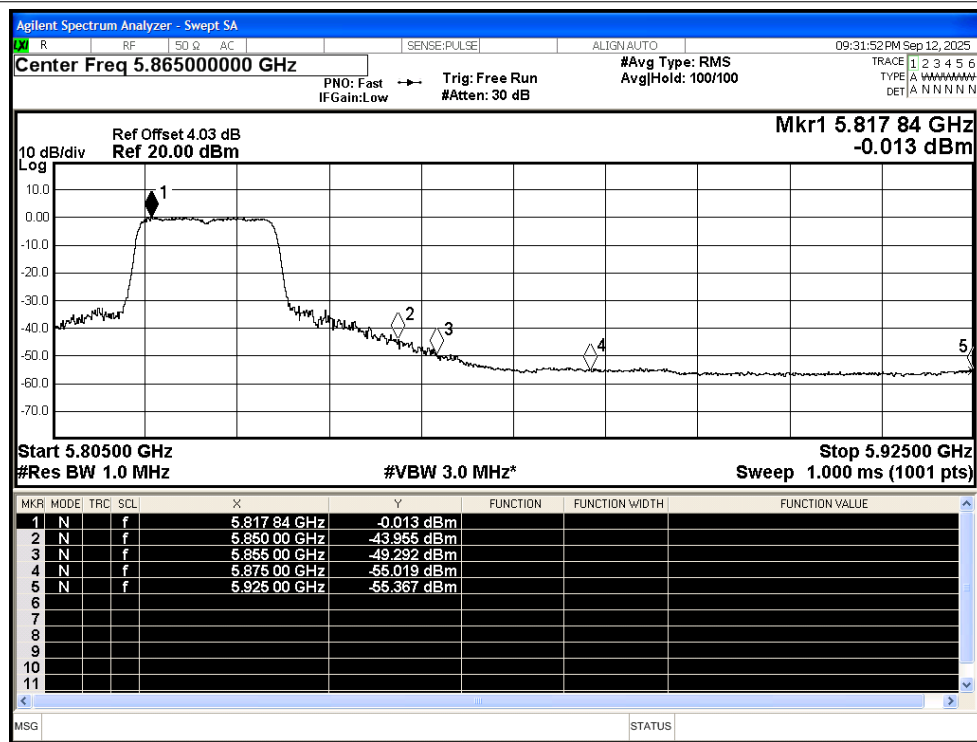




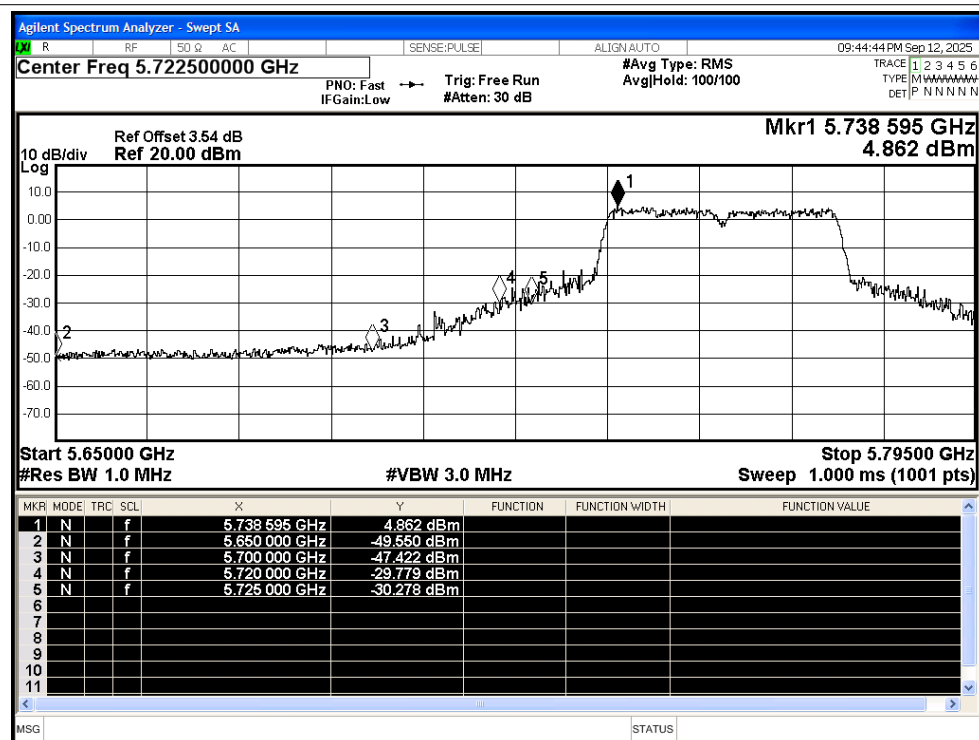


250904124FW4
Restrict Band NVNT n20 5825MHz Ant1 Peak


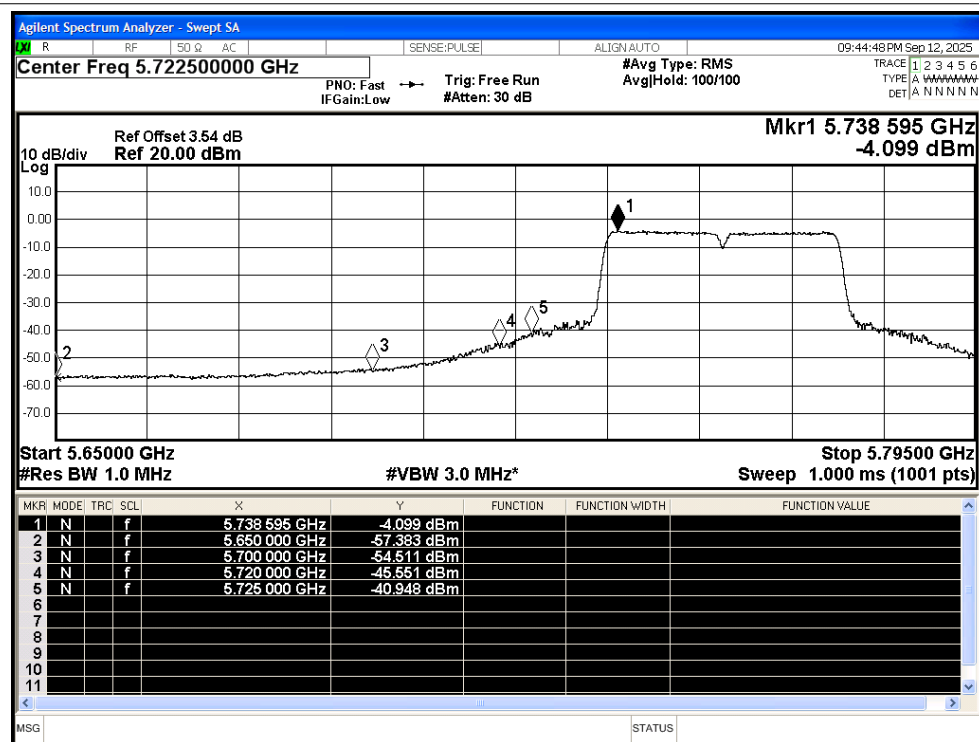
Restrict Band NVNT n20 5825MHz Ant1 Average

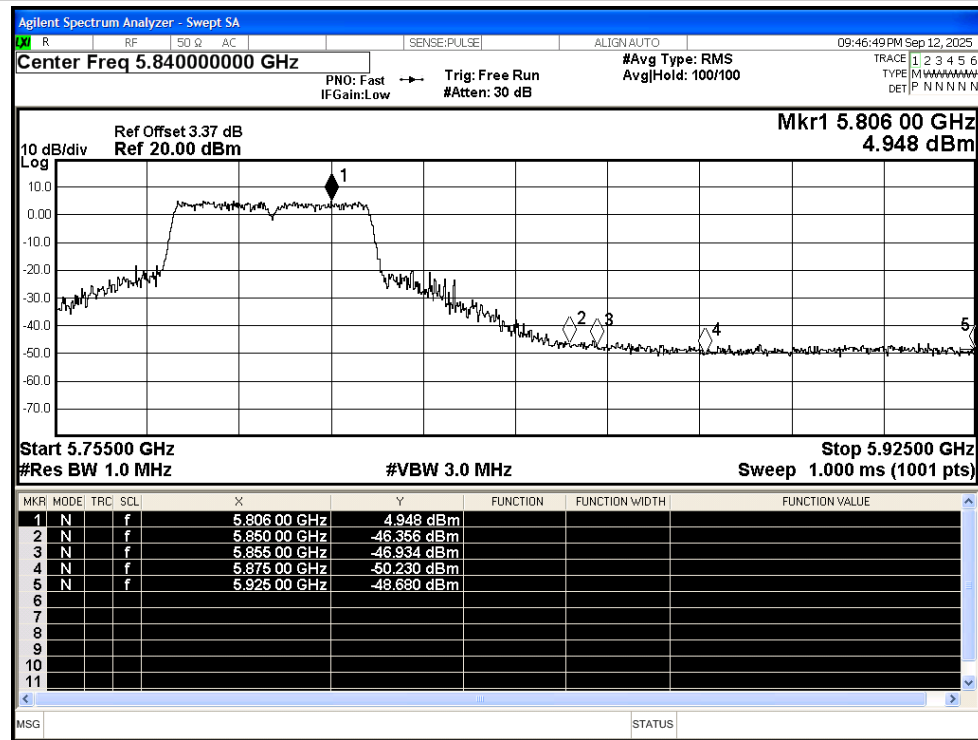


~~Restriet Band NVNT n40 5755MHz Ant1 Peak~~

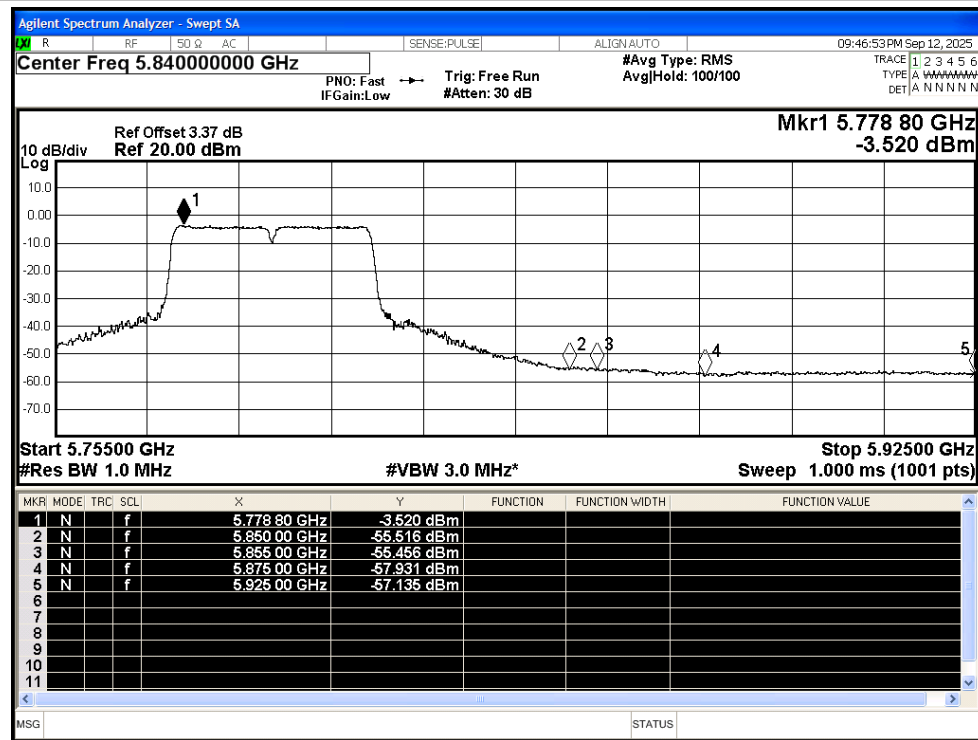


Restrict Band NVNT n40 5755MHz Ant1 Average



250904124FW4
Restrict Band NVNT n40 5795MHz Ant1 Peak


Restrict Band NVNT n40 5795MHz Ant1 Average



Agilent Spectrum Analyzer - Swept SA

Center Freq 5.70750000 GHz

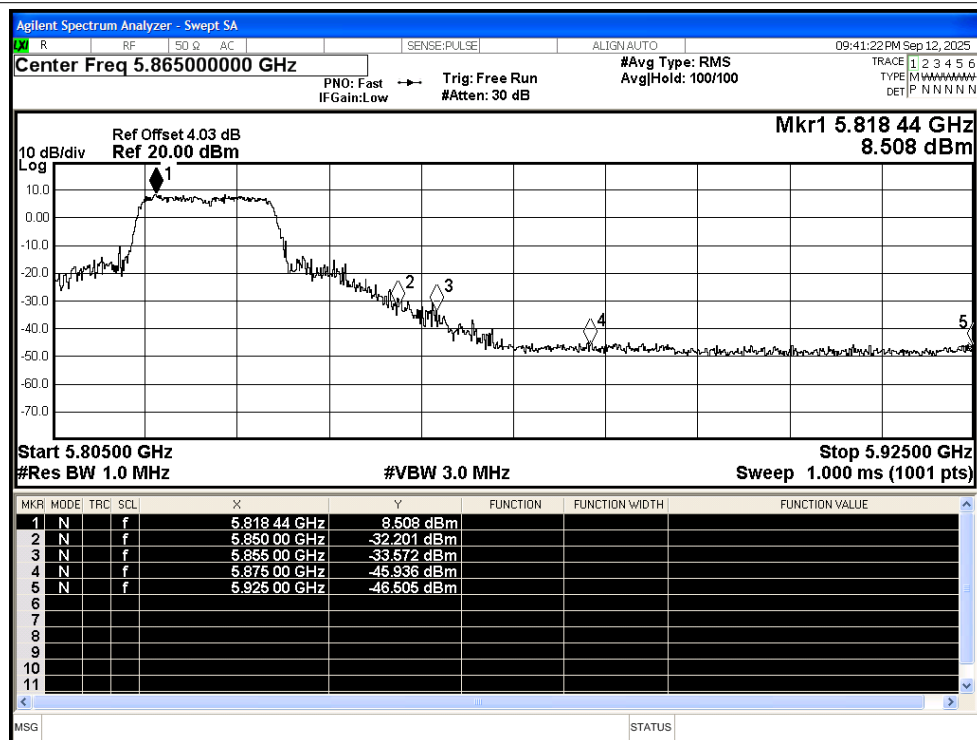
PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB

#Avg Type: RMS AvgHld: 100/100

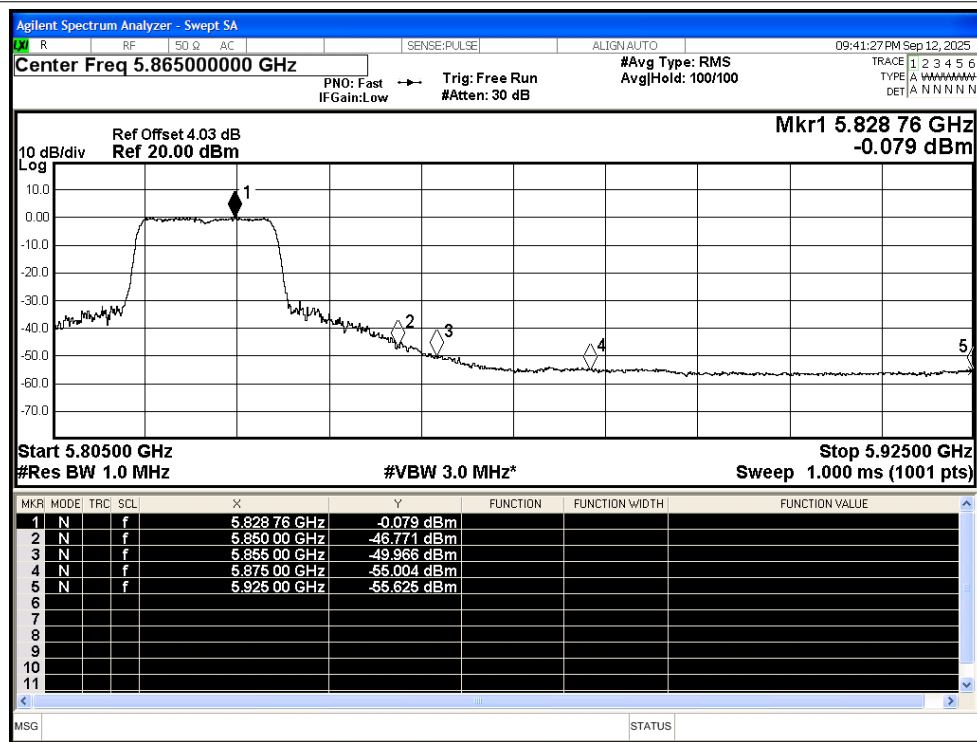
Ref Offset 3.55 dB Ref 20.00 dBm

Mkr1 5.737 63 GHz -0.114 dBm

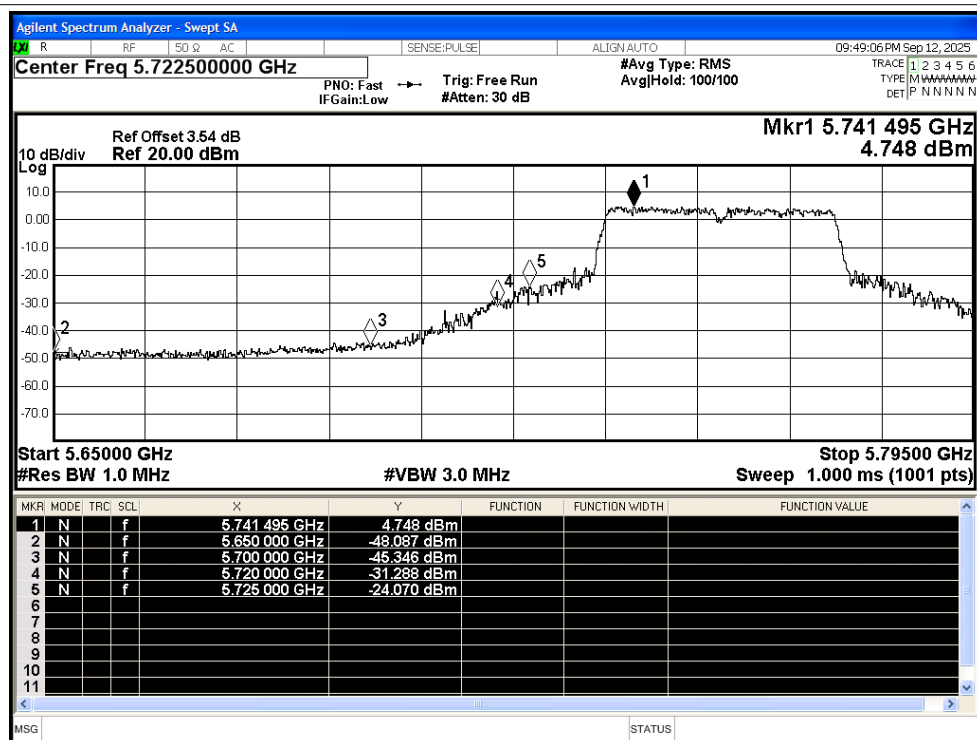
MKR	MODE	TRG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		5.737 63 GHz	-0.114 dBm			
2	N	f		5.650 00 GHz	-56.368 dBm			
3	N	f		5.700 00 GHz	-54.917 dBm			
4	N	f		5.720 00 GHz	-45.228 dBm			
5	N	f		5.725 00 GHz	-39.260 dBm			

250904124FW4
Restrict Band NVNT ac20 5825MHz Ant1 Peak


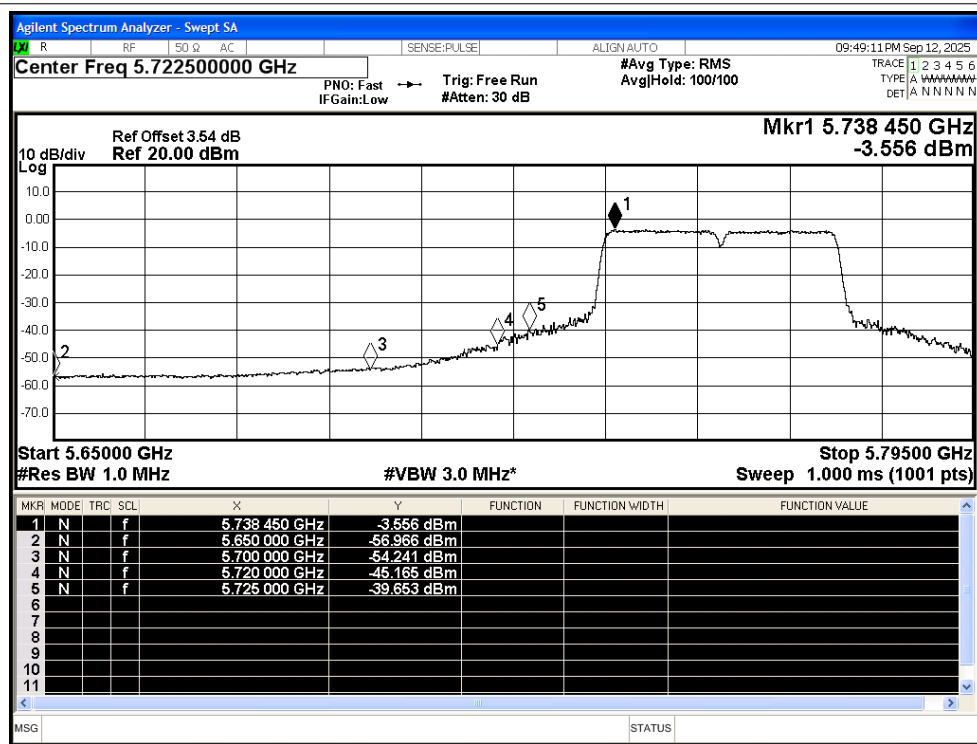
Restrict Band NVNT ac20 5825MHz Ant1 Average

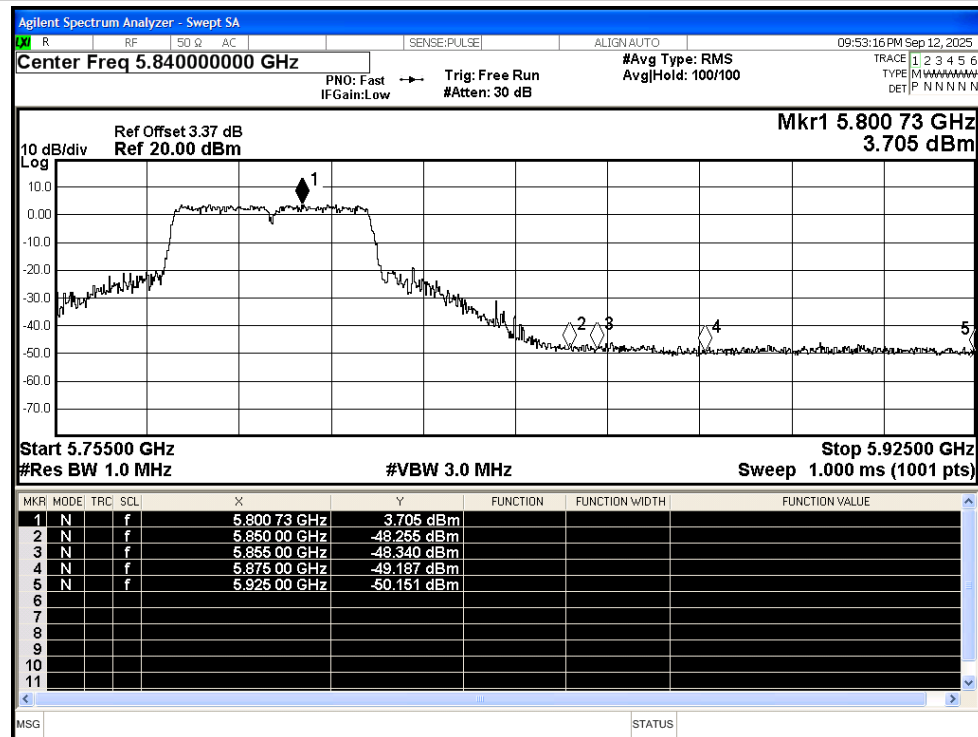


~~Restrict Band NVNT ac40 5755MHz Ant1 Peak~~

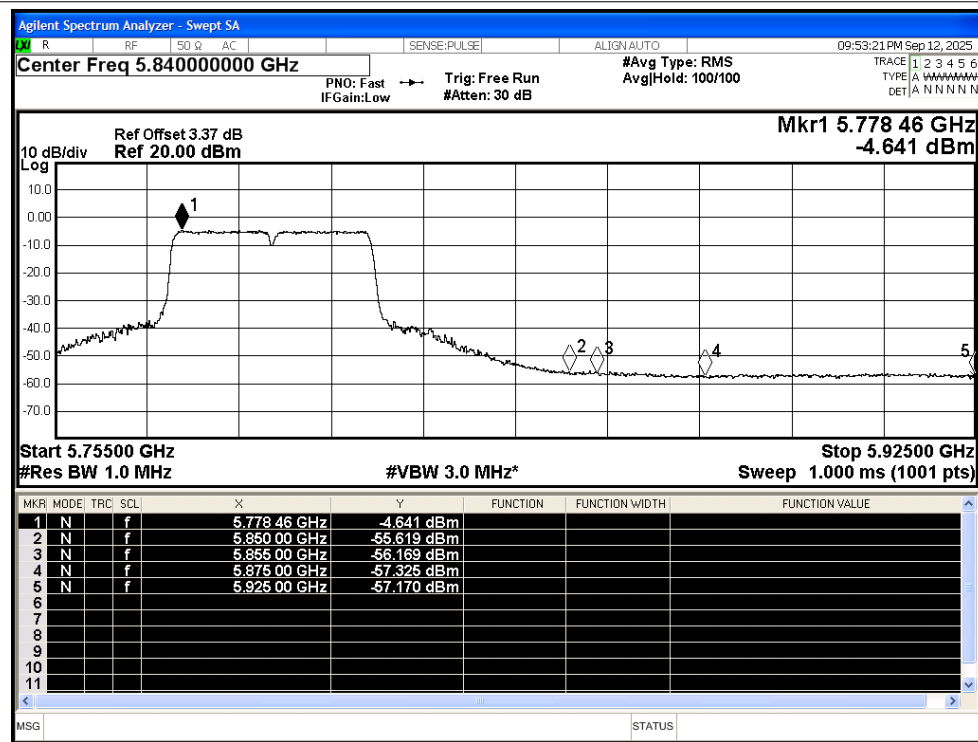


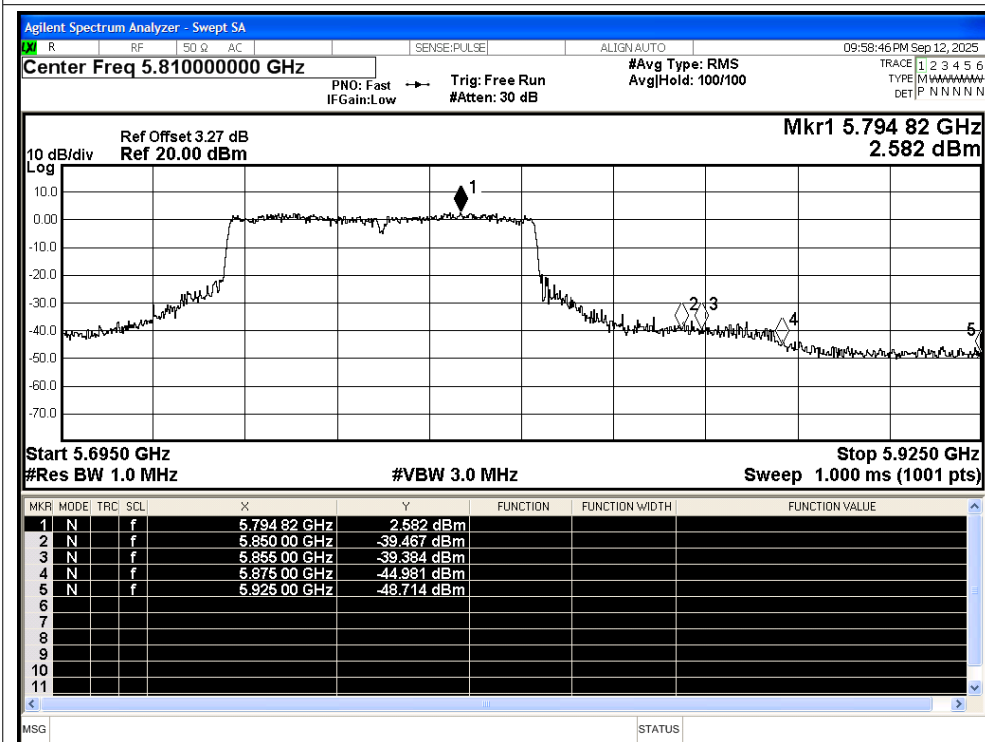
Restrict Band NVNT ac40 5755MHz Ant1 Average



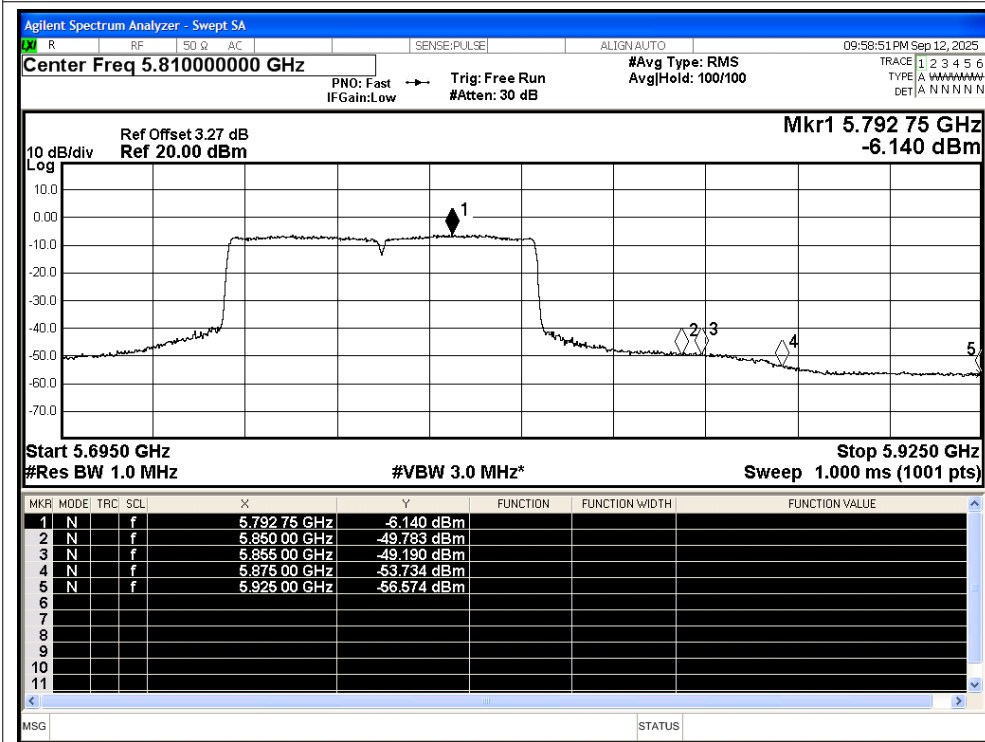
250904124FW4
Restrict Band NVNT ac40 5795MHz Ant1 Peak


Restrict Band NVNT ac40 5795MHz Ant1 Average

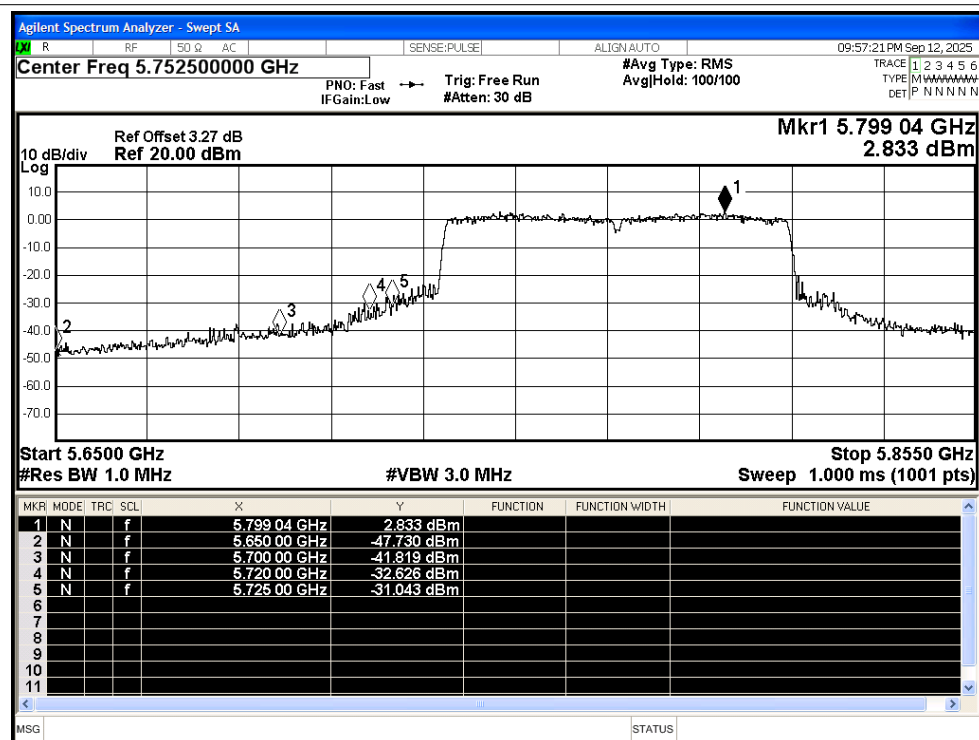


250904124FW4
Restrict Band NVNT ac80 5775MHz Ant1 Peak


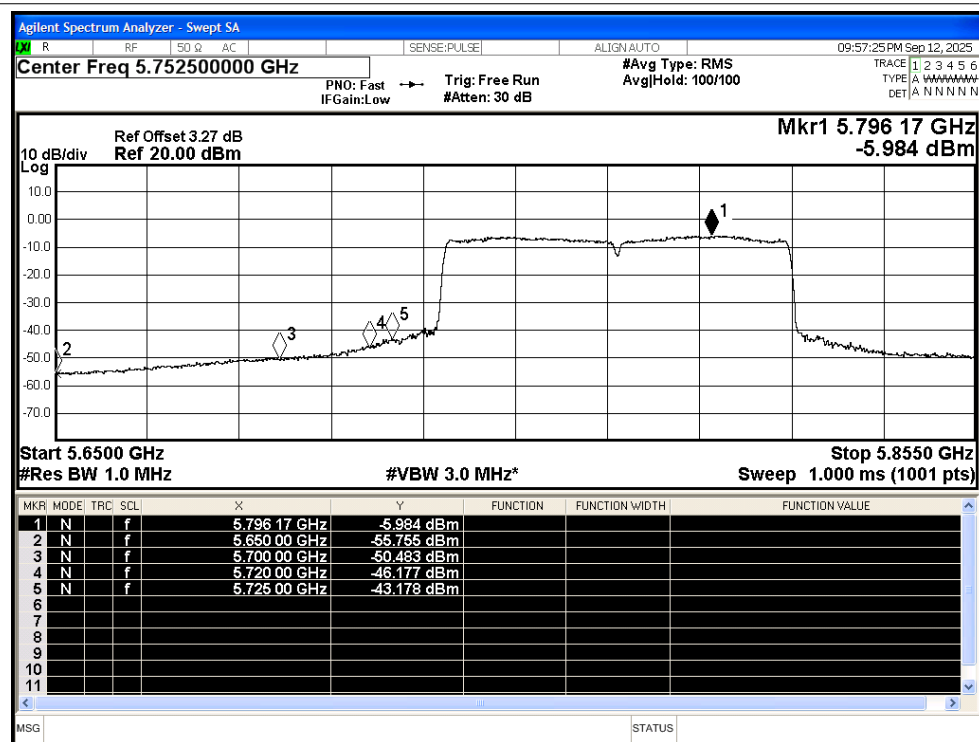
Restrict Band NVNT ac80 5775MHz Ant1 Average



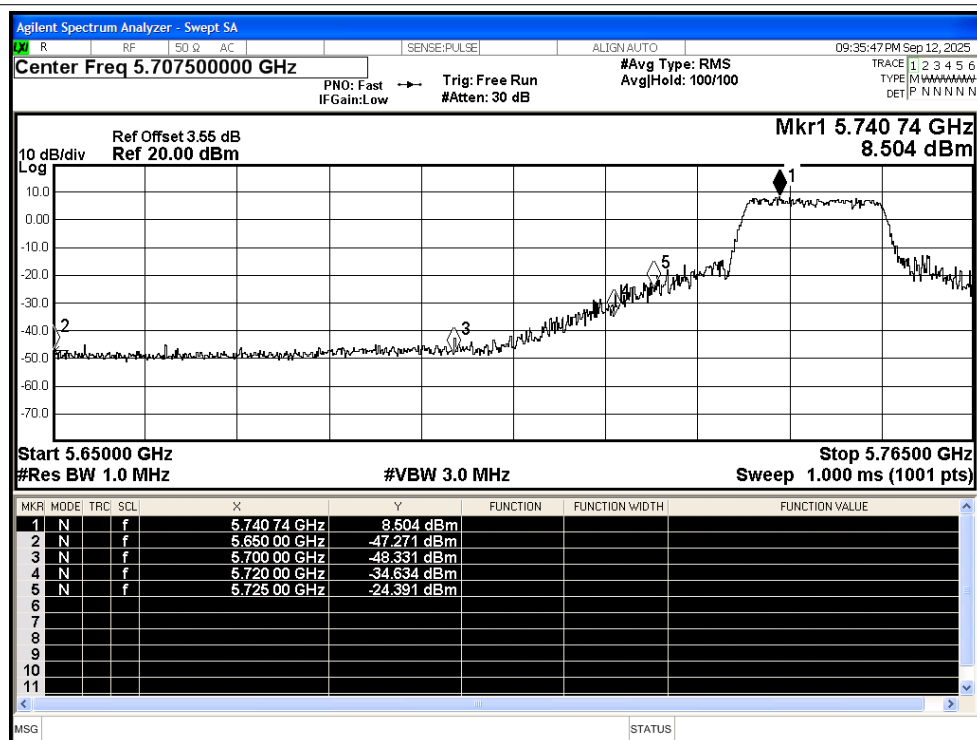
~~Restrict Band NVNT ac80 5775MHz Ant1 Peak~~



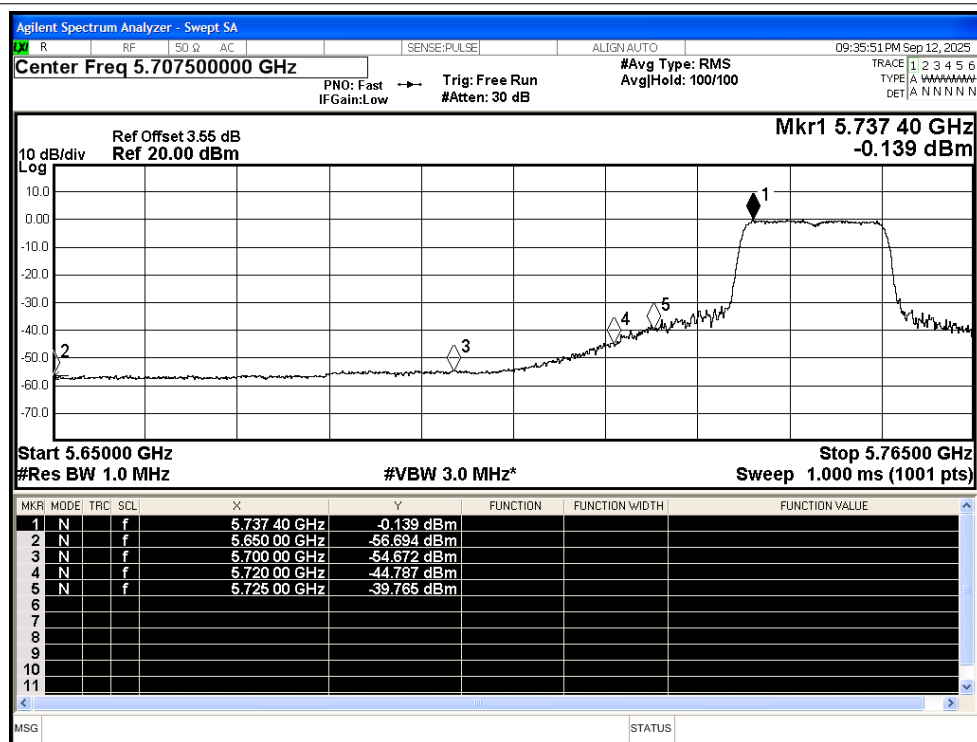
Restrict Band NVNT ac80 5775MHz Ant1 Average

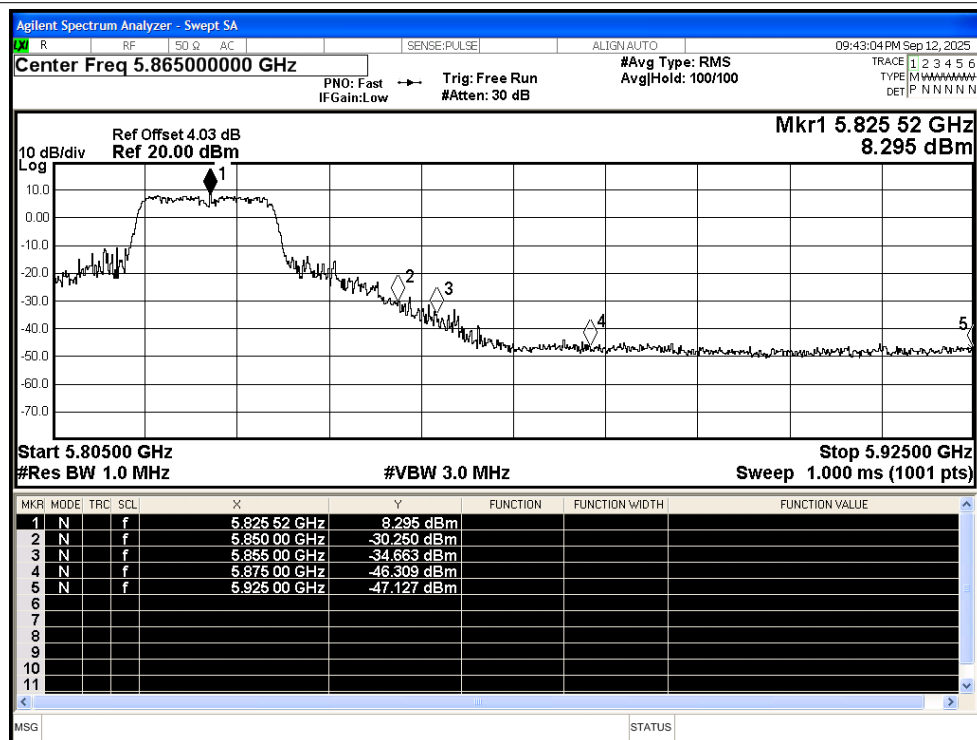


~~Restrict Band NVNT ax20 5745MHz Ant1 Peak~~

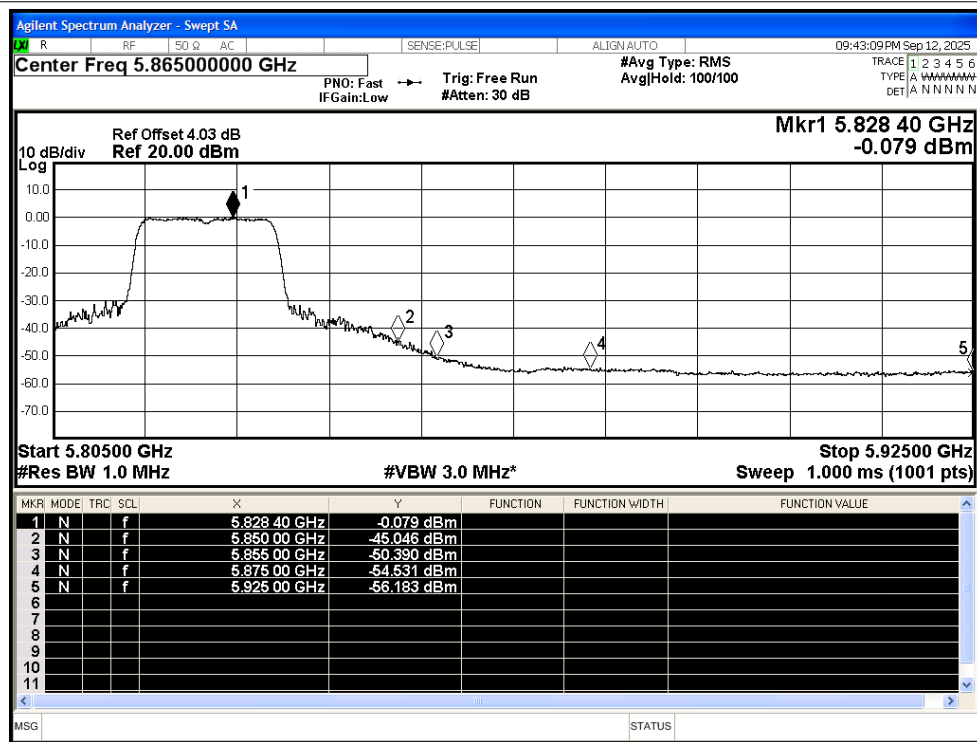


Restrict Band NVNT ax20 5745MHz Ant1 Average

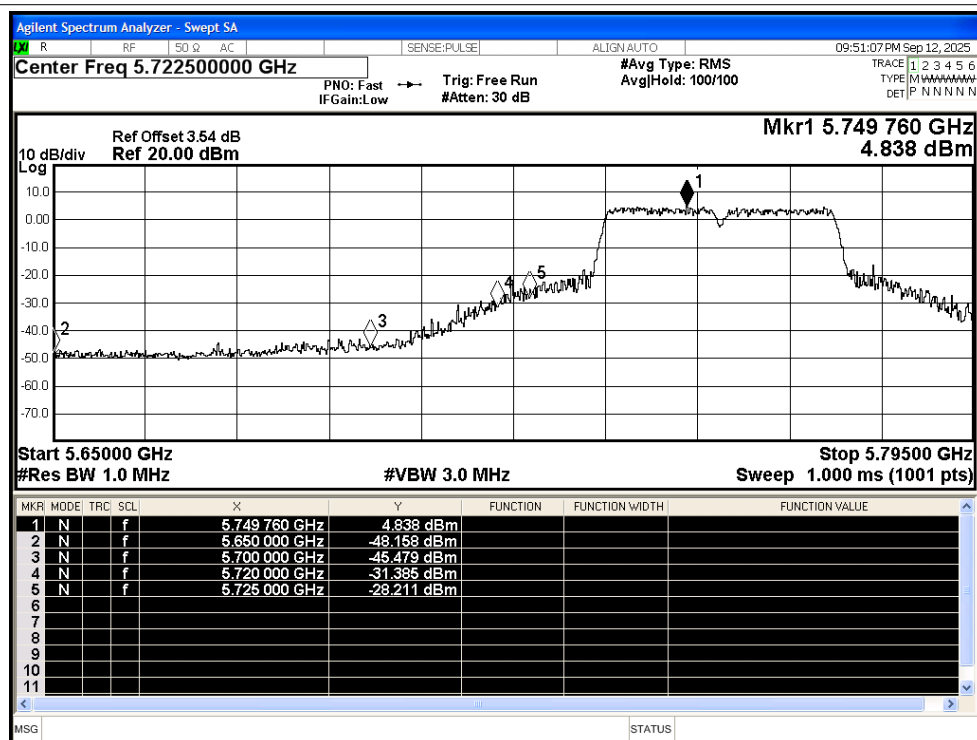


250904124FW4
Restrict Band NVNT ax20 5825MHz Ant1 Peak


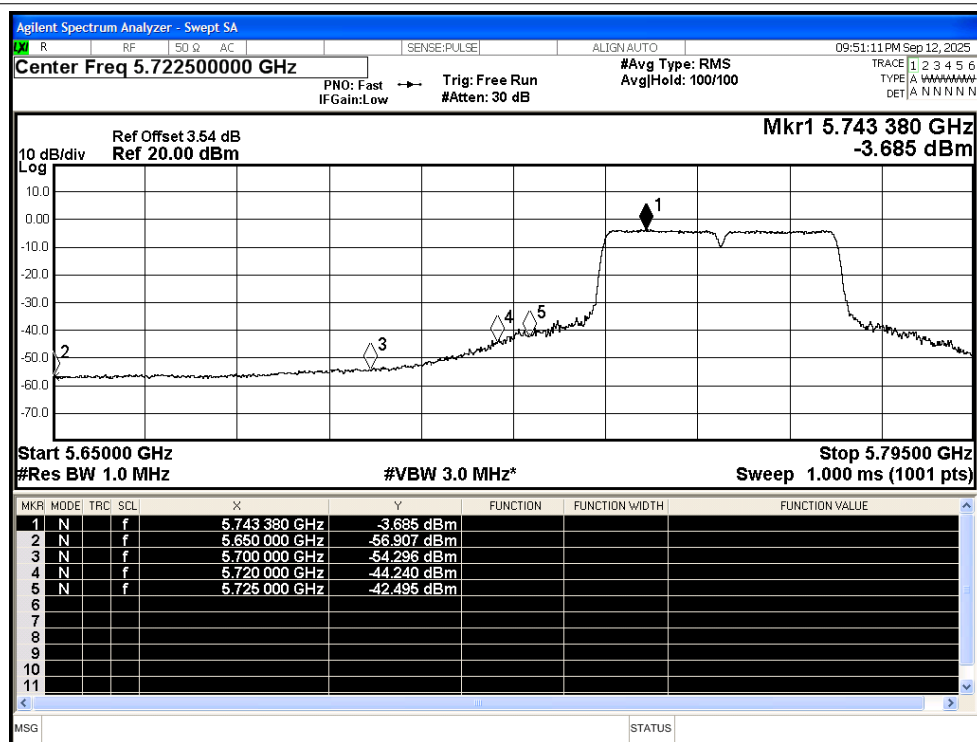
Restrict Band NVNT ax20 5825MHz Ant1 Average

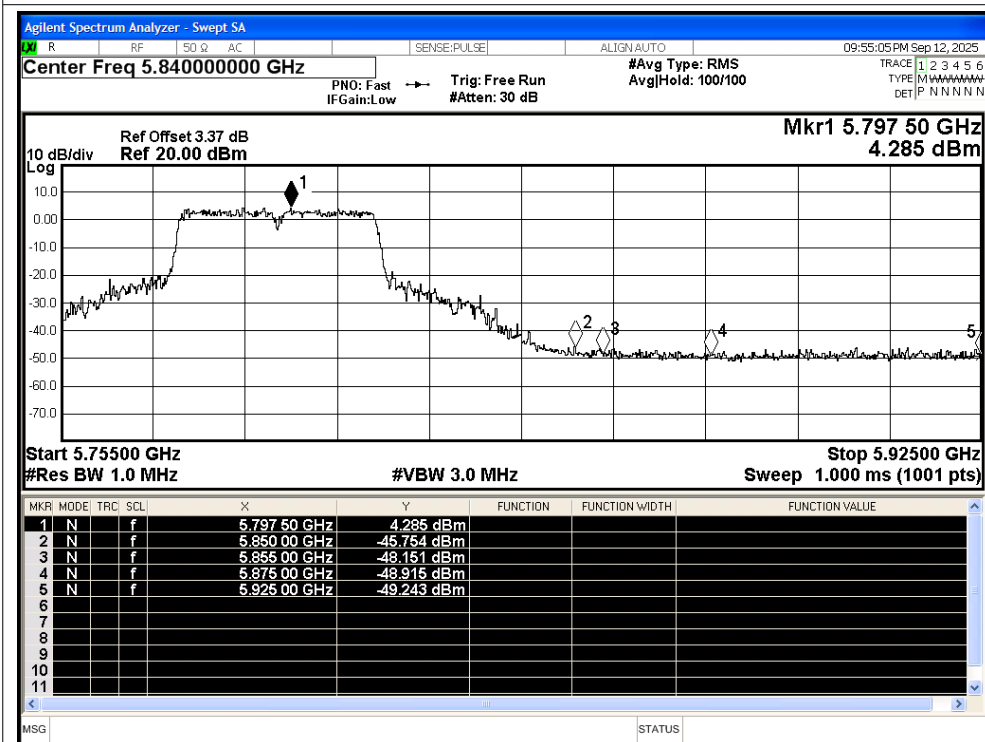


~~Restrict Band NVNT ax40 5755MHz Ant1 Peak~~

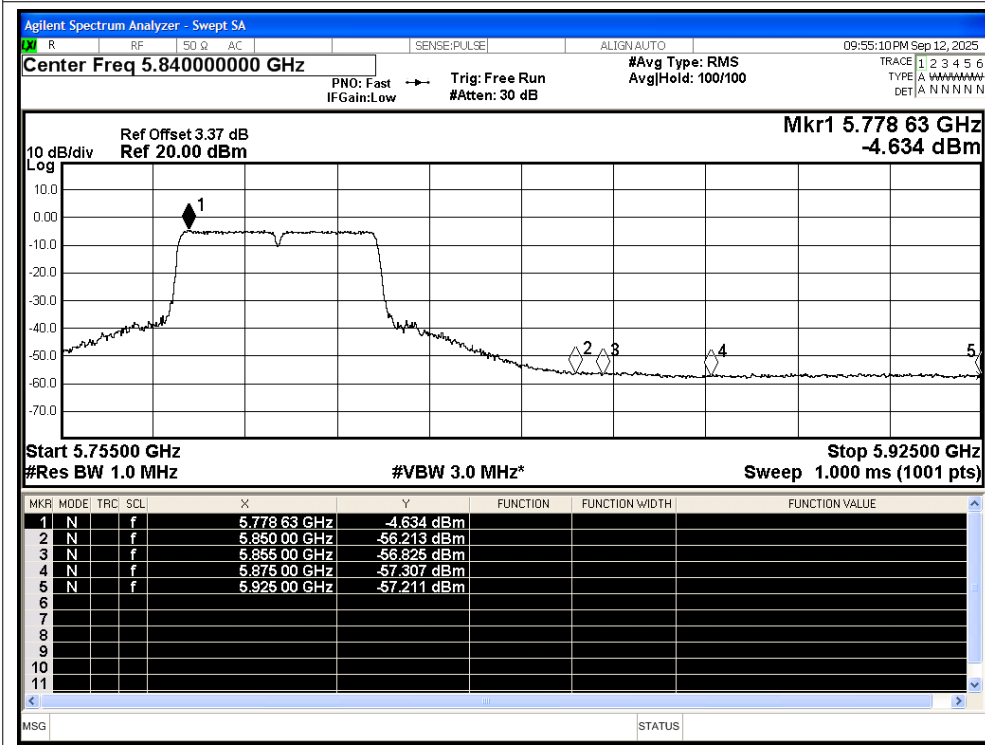


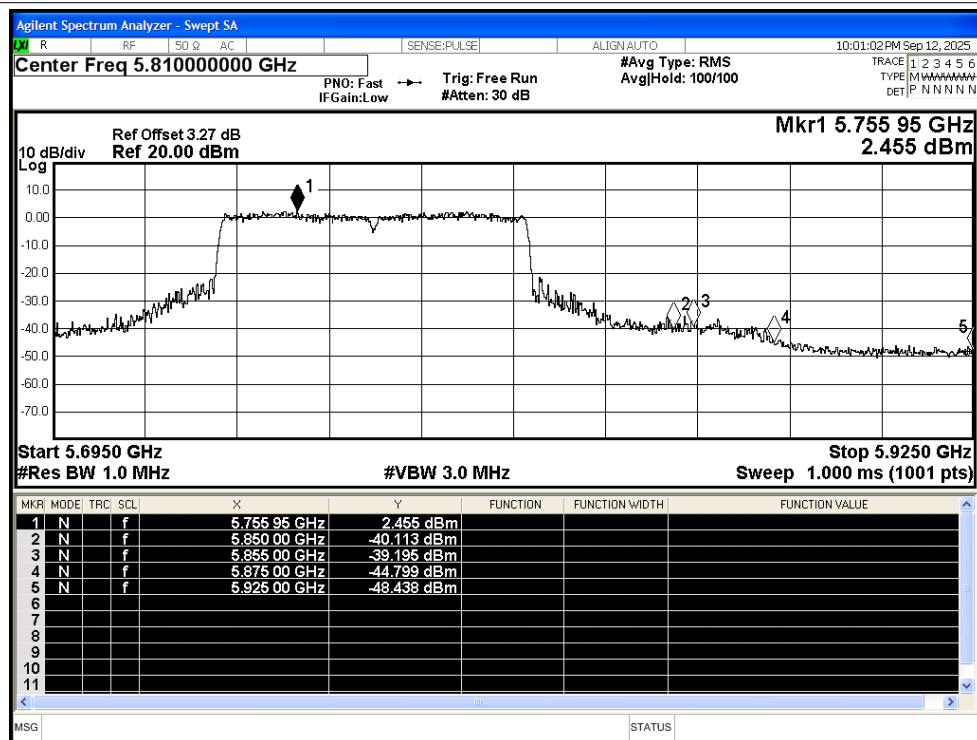
Restrict Band NVNT ax40 5755MHz Ant1 Average



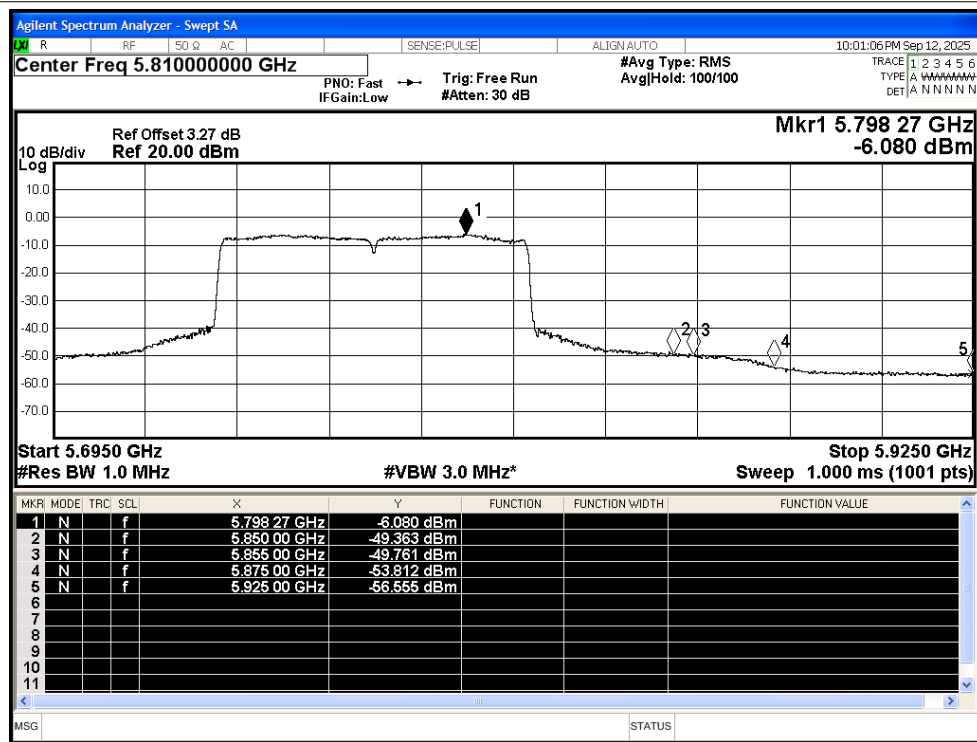
250904124FW4
Restrict Band NVNT ax40 5795MHz Ant1 Peak


Restrict Band NVNT ax40 5795MHz Ant1 Average

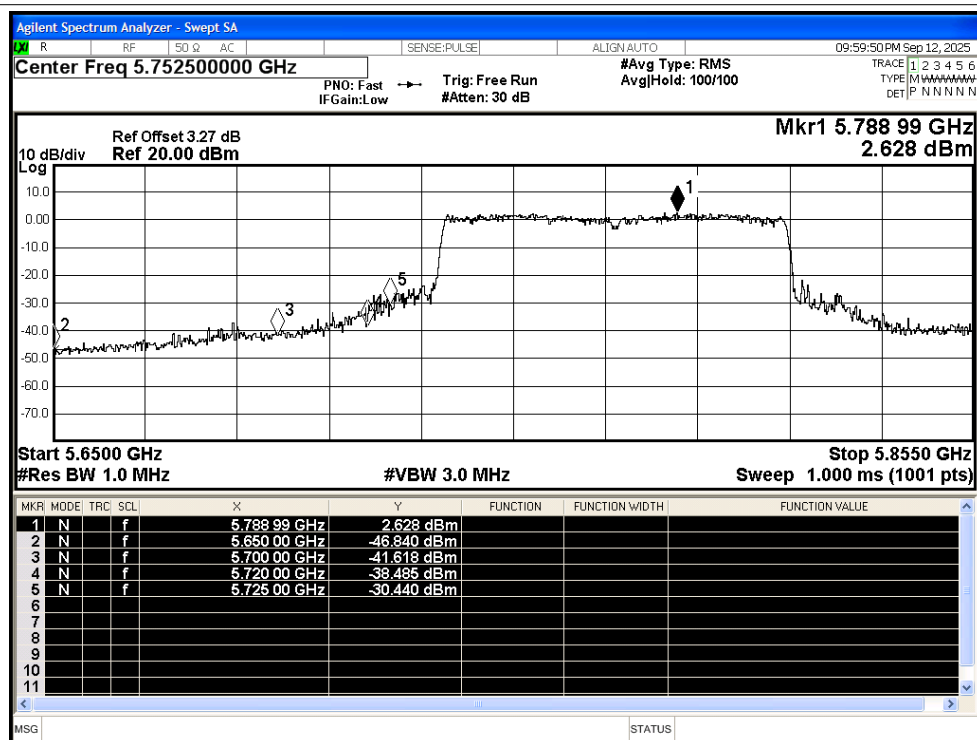


250904124FW4
Restrict Band NVNT ax80 5775MHz Ant1 Peak


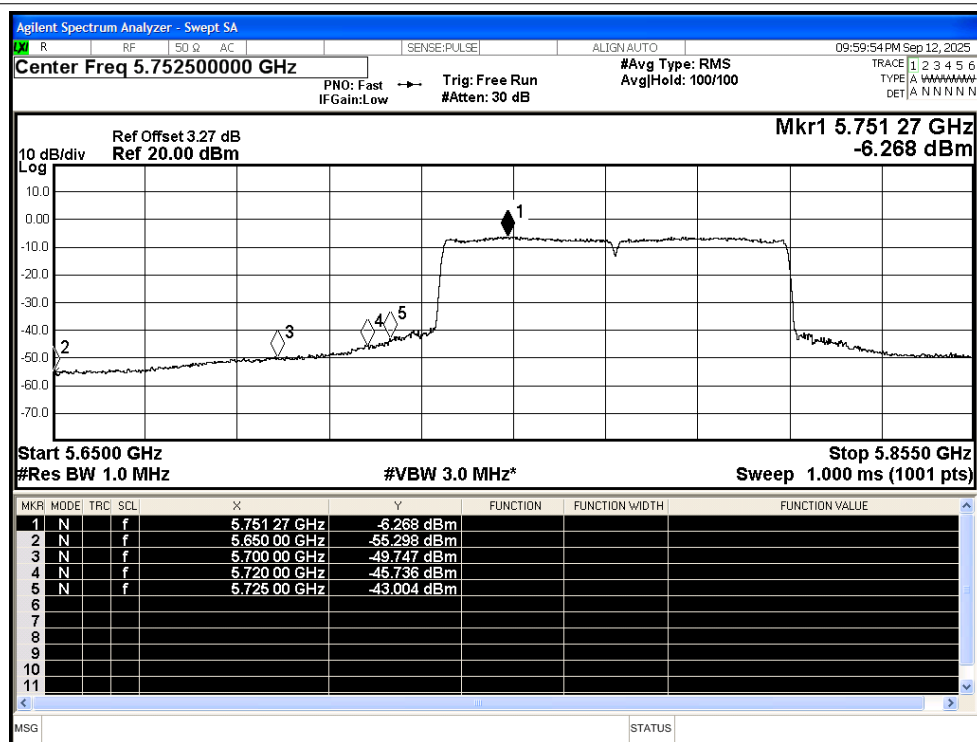
Restrict Band NVNT ax80 5775MHz Ant1 Average



~~Restrict Band NVNT ax80 5775MHz Ant1 Peak~~



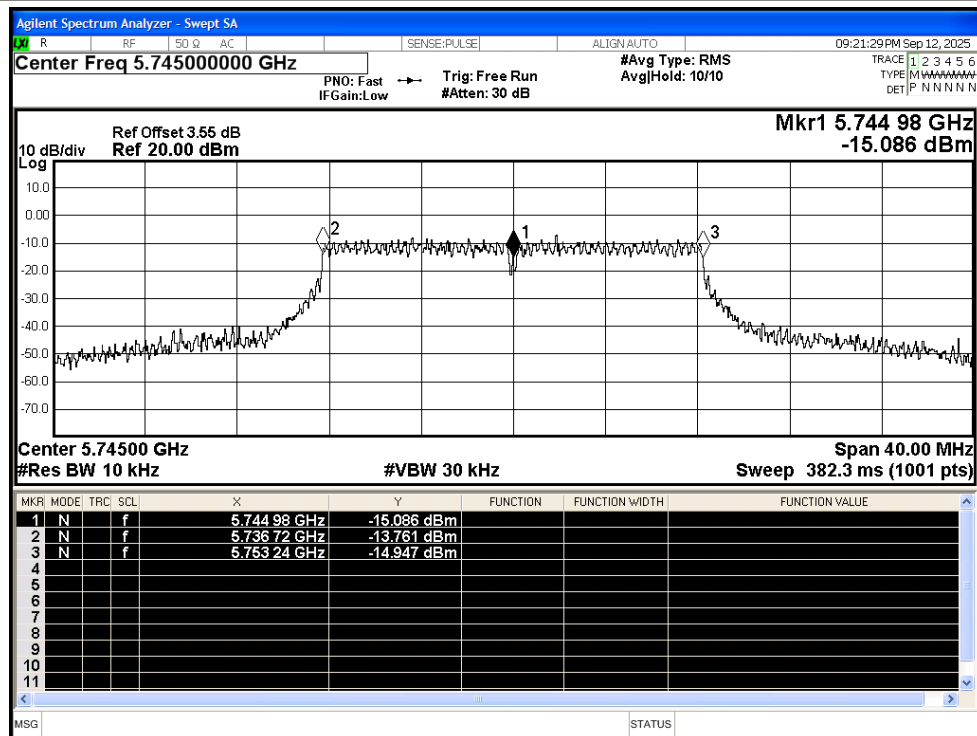
Restrict Band NVNT ax80 5775MHz Ant1 Average



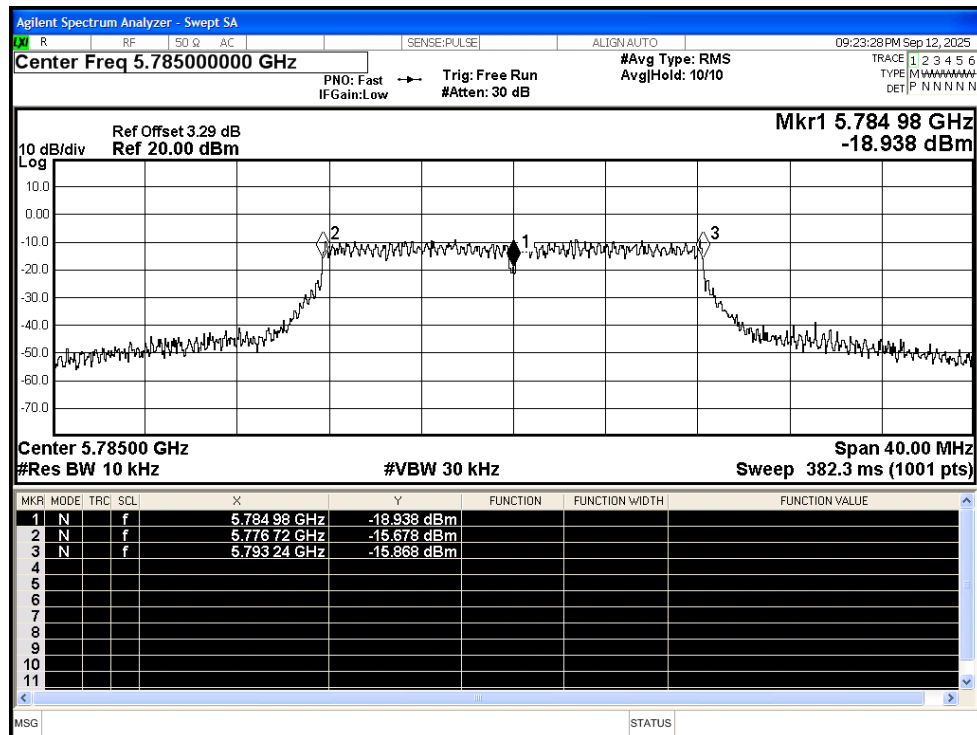
G.5 Frequency Stability

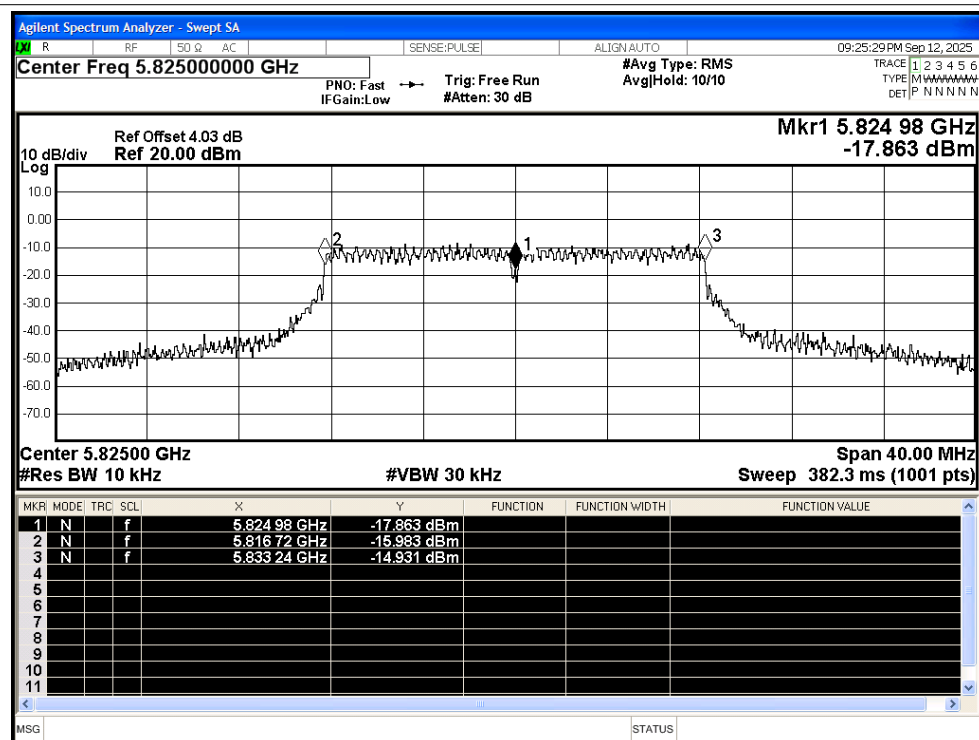
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
NVNT	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NVNT	n20	5785	Ant1	5785	0	0	25	Pass
NVNT	n20	5825	Ant1	5825	0	0	25	Pass
NVNT	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NVNT	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
NVNT	ac20	5785	Ant1	5785	0	0	25	Pass
NVNT	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NVNT	ac80	5775	Ant1	5775	0	0	25	Pass
NVNT	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
NVNT	ax20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	ax20	5825	Ant1	5825	0	0	25	Pass
NVNT	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NVNT	ax80	5775	Ant1	5775	0	0	25	Pass

Freq. Stability NVNT a 5745MHz Ant1

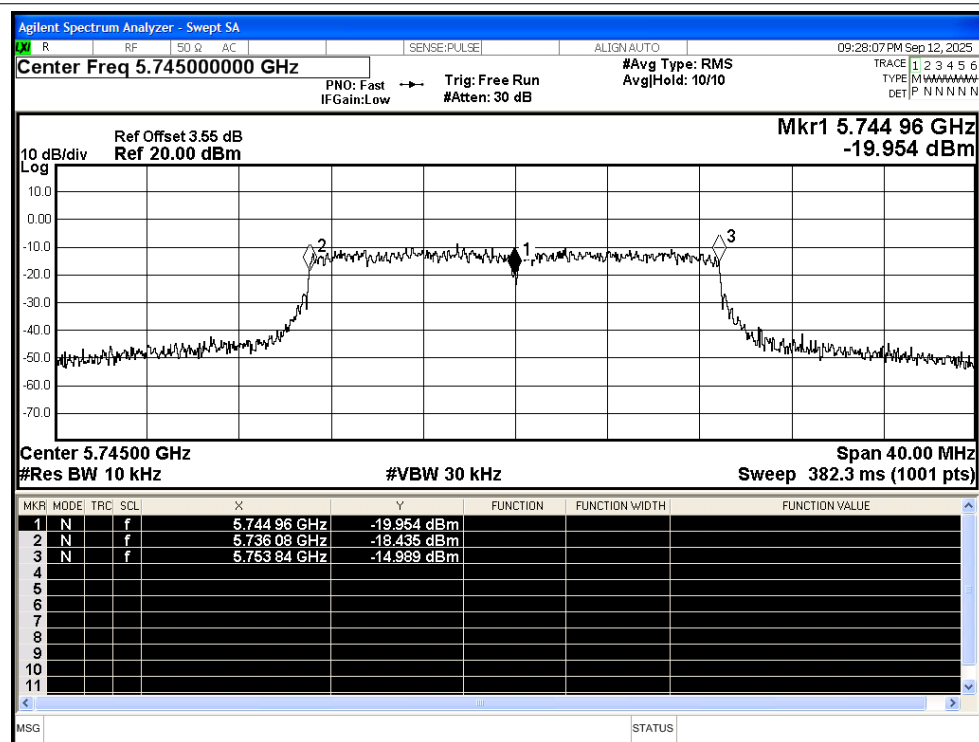


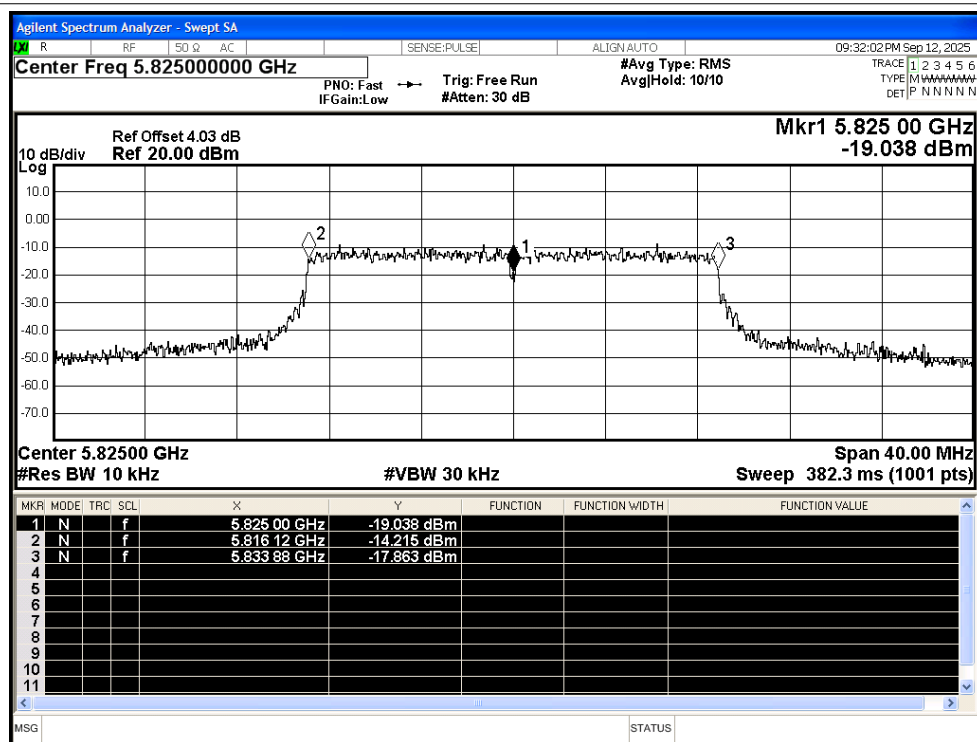
Freq. Stability NVNT a 5785MHz Ant1

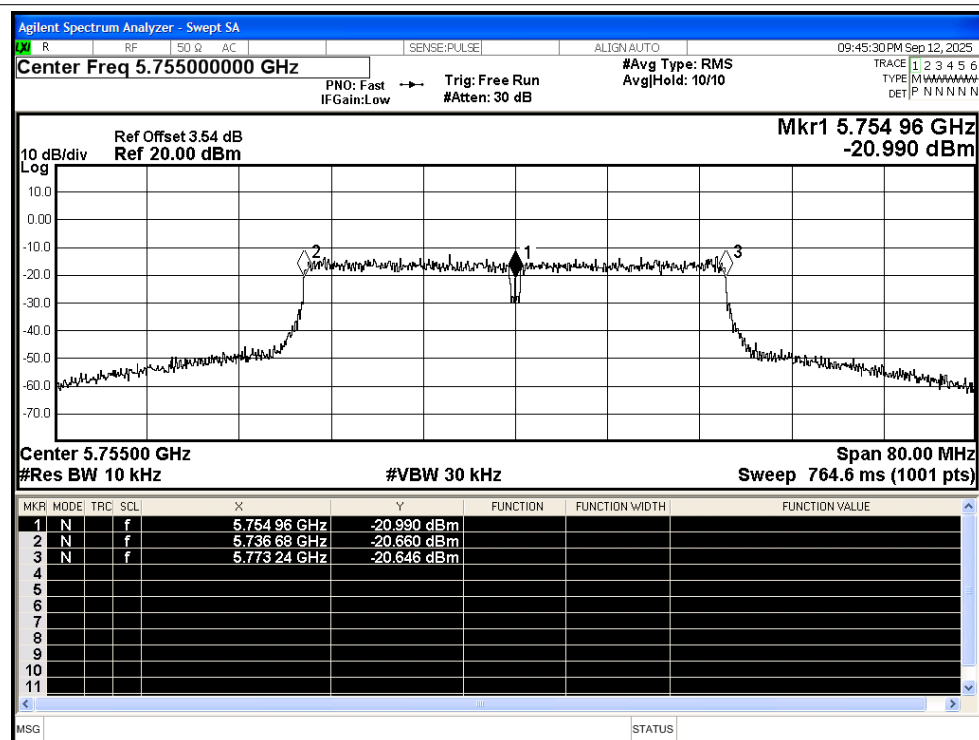




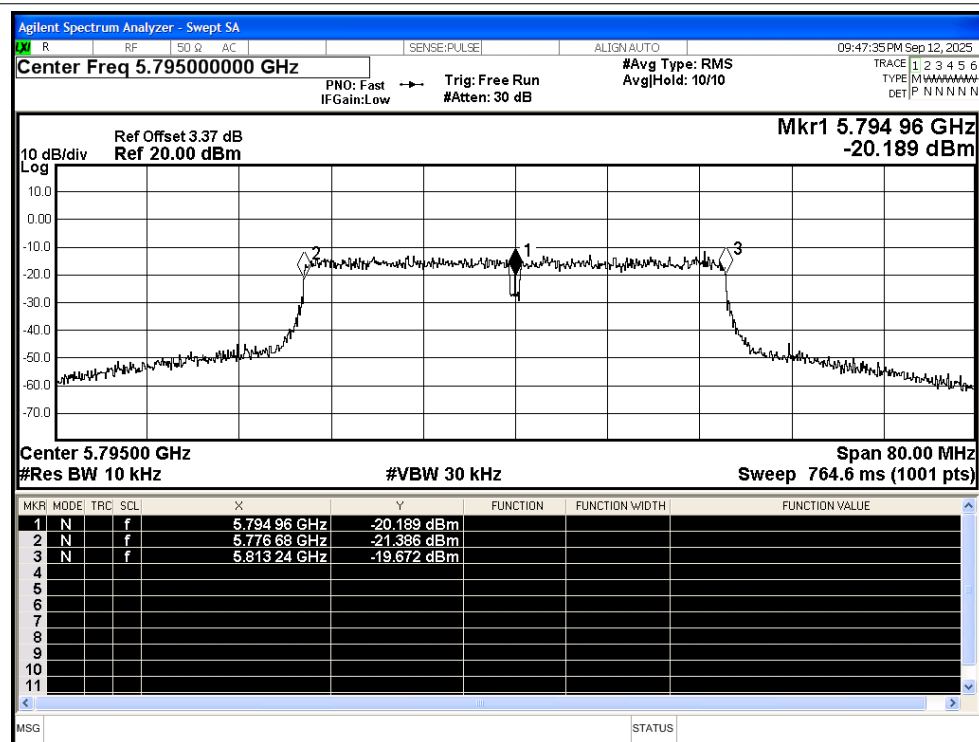
Freq. Stability NVNT n20 5745MHz Ant1

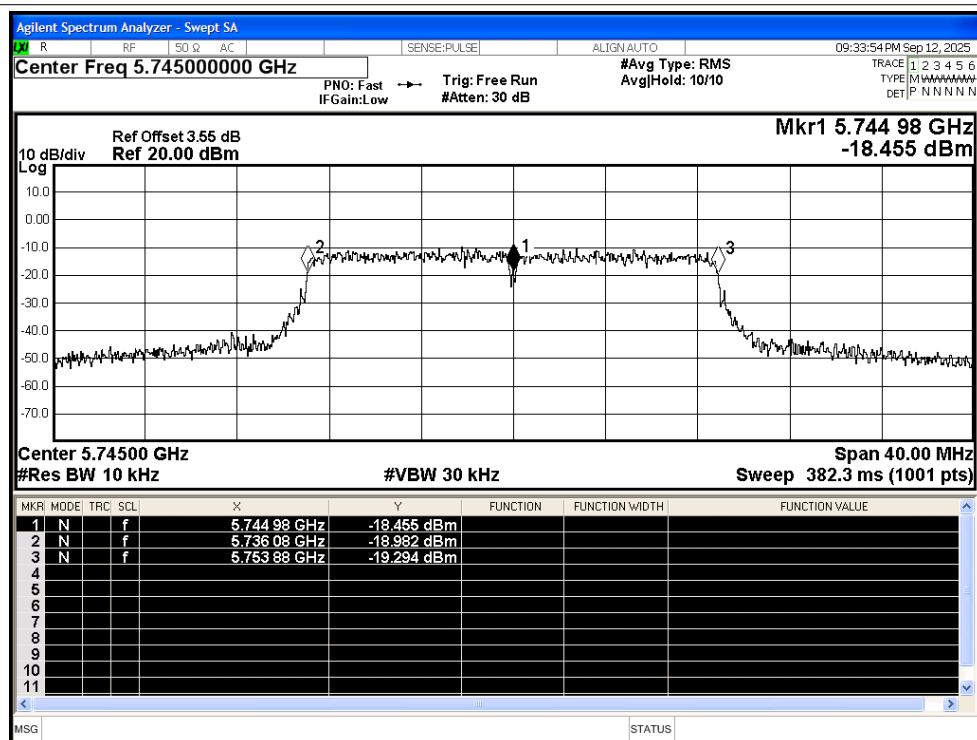




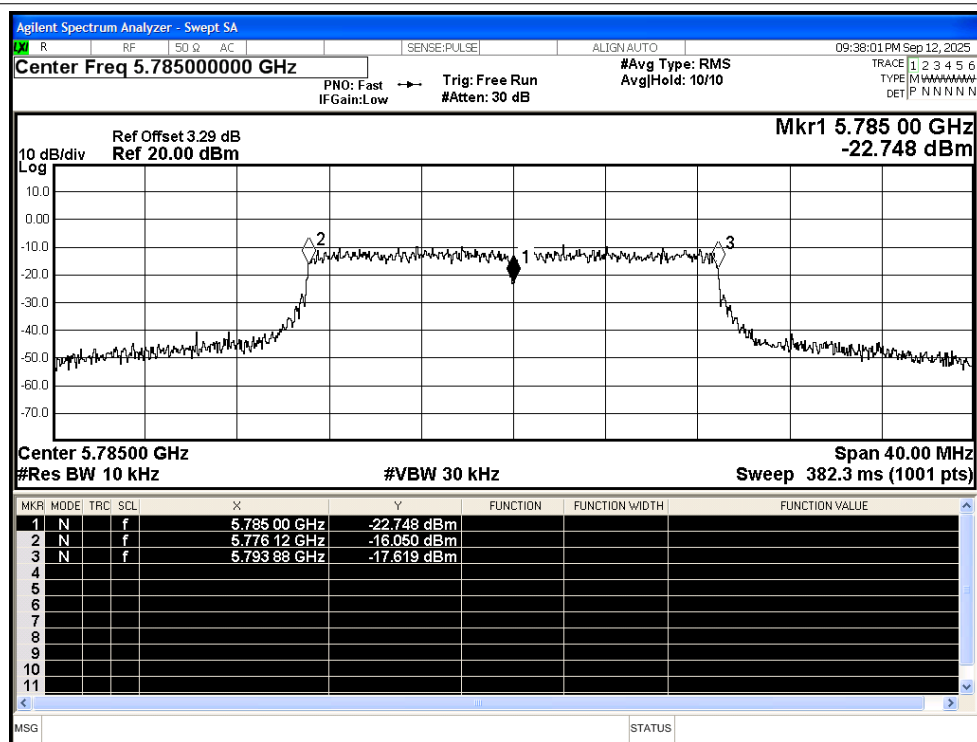


Freq. Stability NVNT n40 5795MHz Ant1





Freq. Stability NVNT ac20 5785MHz Ant1



Agilent Spectrum Analyzer - Swept SA

Center Freq 5.82500000 GHz

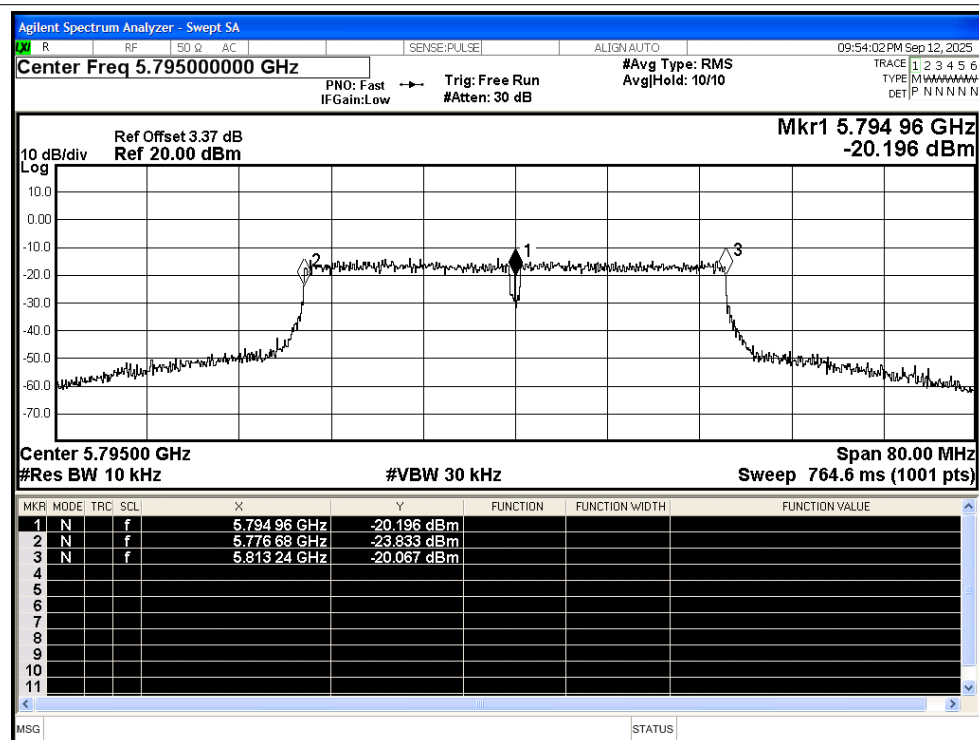
PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB

#Avg Type: RMS AvgHld: 10/10

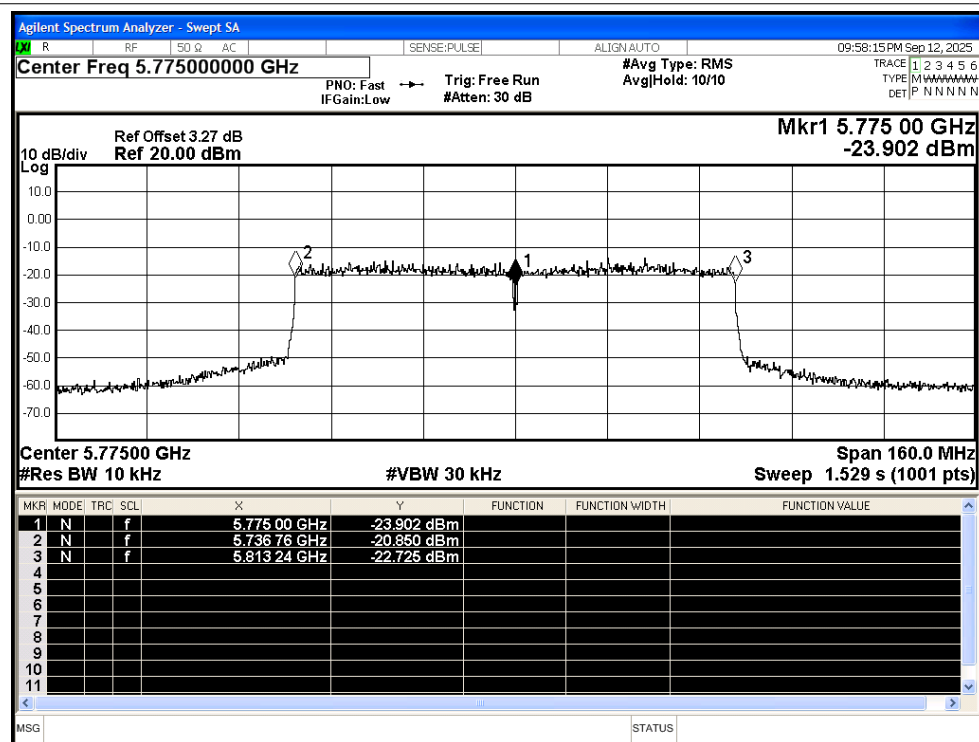
Ref Offset 4.03 dB Ref 20.00 dBm

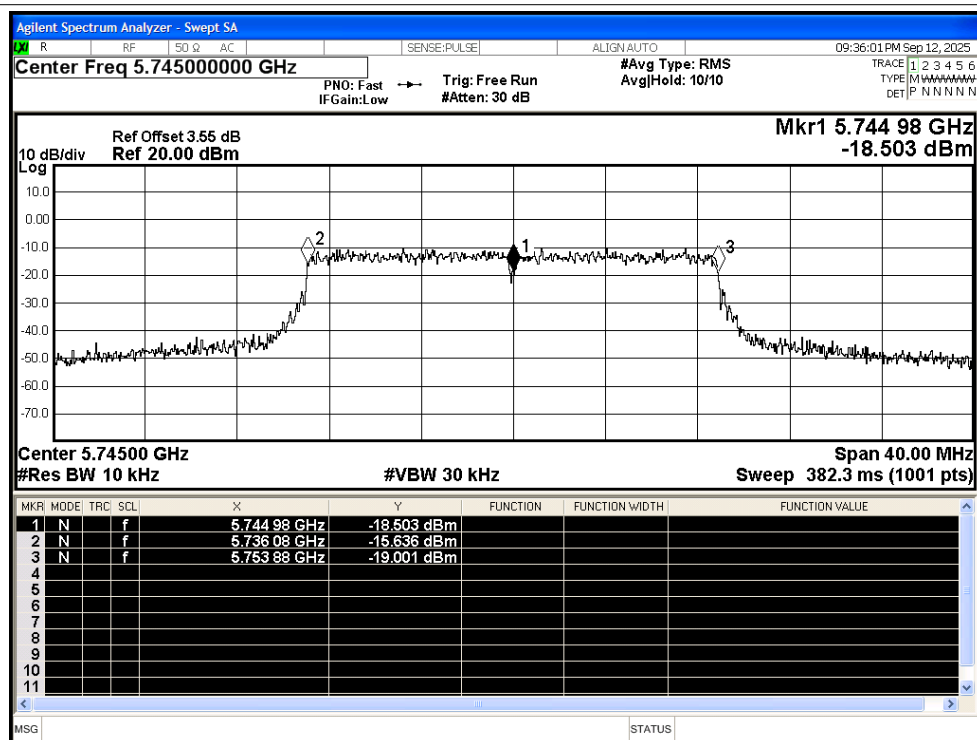
Mkr1 5.824 98 GHz -18.392 dBm

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		5.824 98 GHz	-18.392 dBm			
2	N	f		5.816 08 GHz	-17.290 dBm			
3	N	f		5.833 88 GHz	-18.187 dBm			

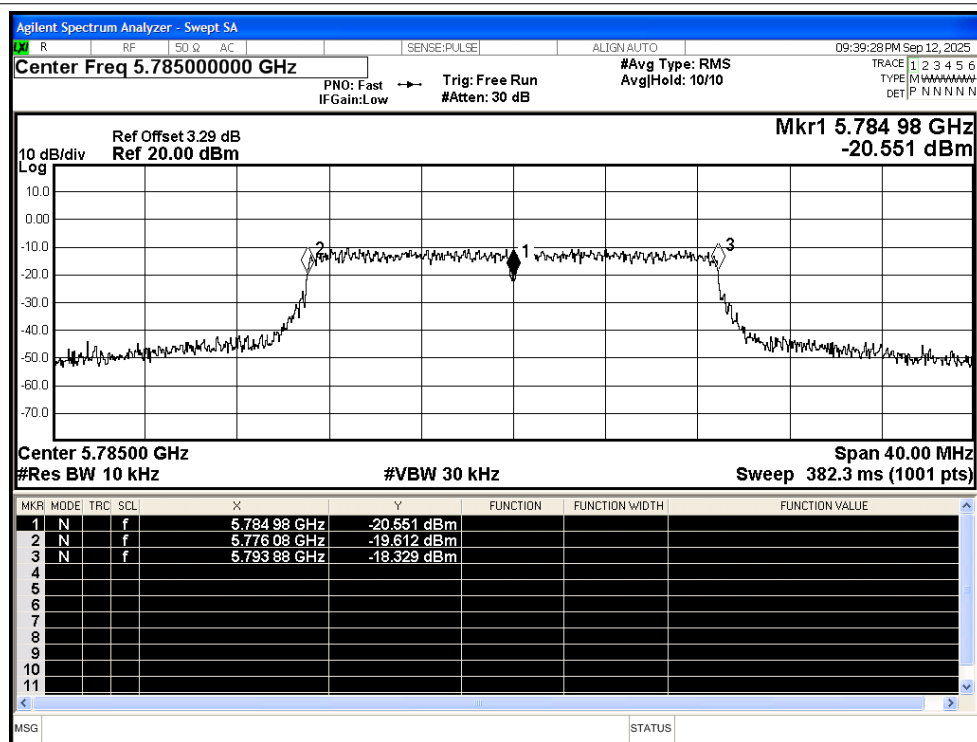


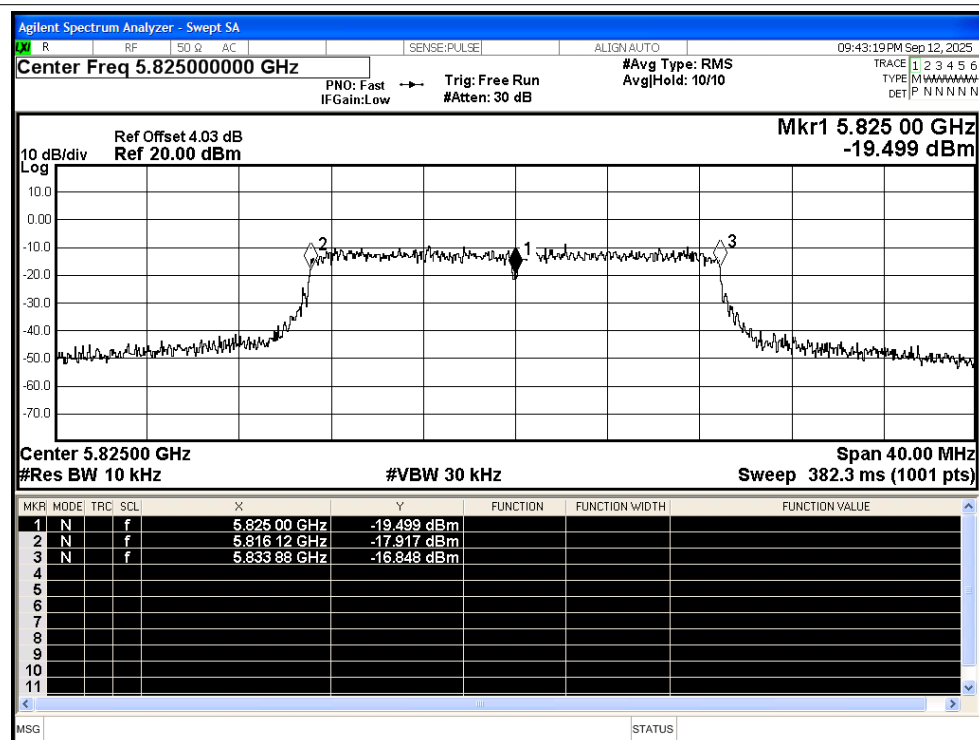
Freq. Stability NVNT ac80 5775MHz Ant1



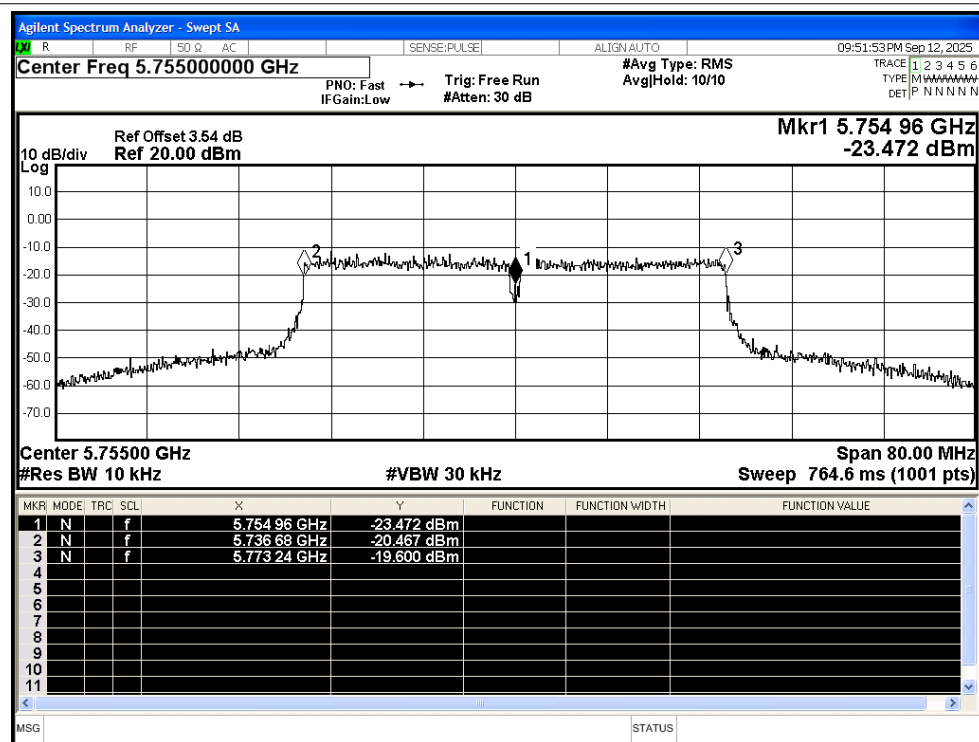


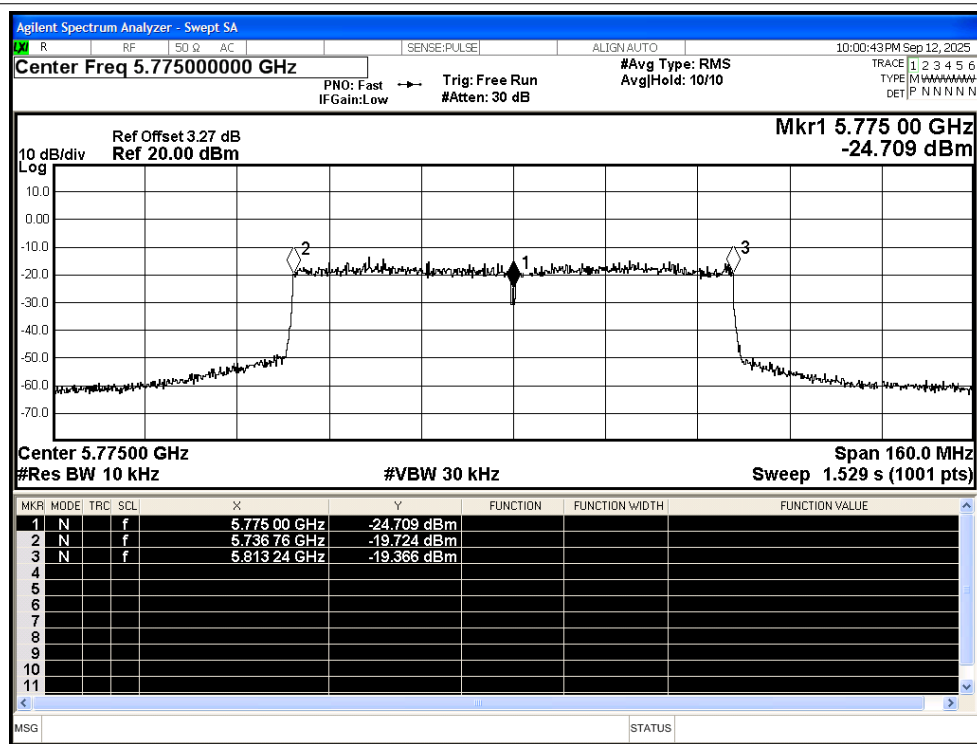
Freq. Stability NVNT ax20 5785MHz Ant1





Freq. Stability NVNT ax40 5755MHz Ant1

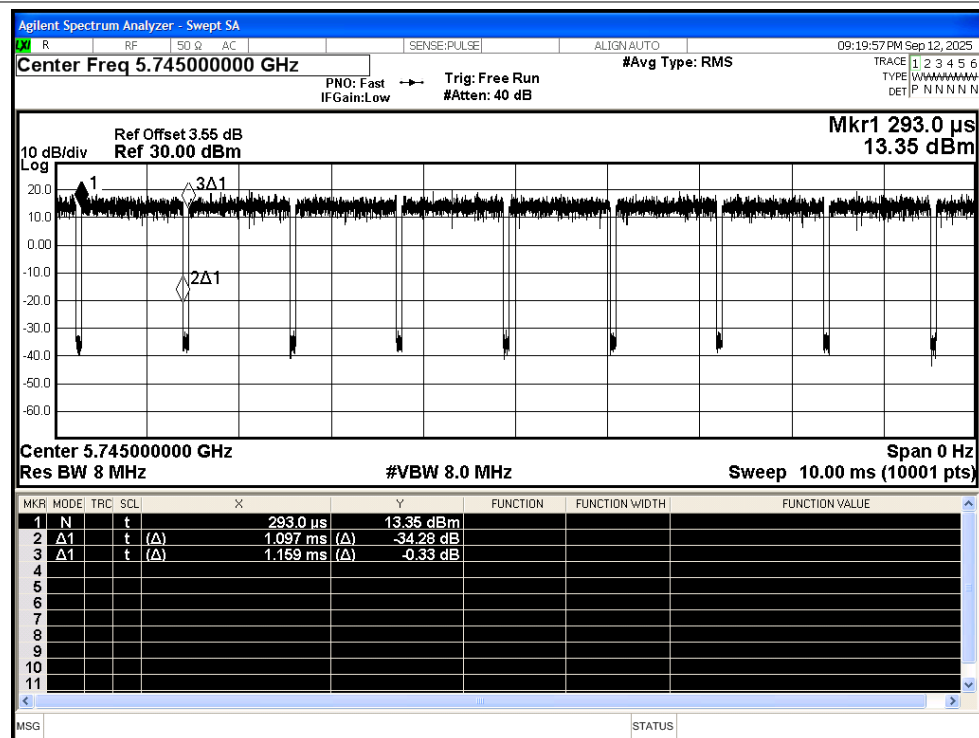




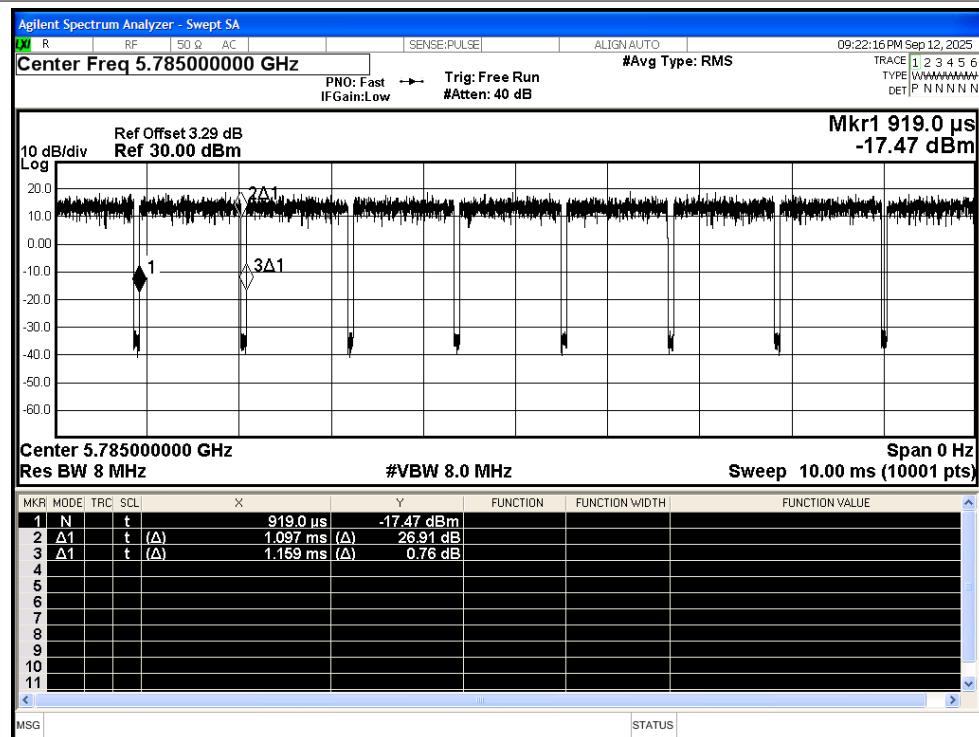
G.6 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	94.65	0.24	0.91
NVNT	a	5785	Ant1	94.65	0.24	0.91
NVNT	a	5825	Ant1	94.65	0.24	0.91
NVNT	n20	5745	Ant1	97.29	0.12	0.44
NVNT	n20	5785	Ant1	97.33	0.12	0.44
NVNT	n20	5825	Ant1	97.29	0.12	0.44
NVNT	n40	5755	Ant1	94.71	0.24	0.9
NVNT	n40	5795	Ant1	94.79	0.23	0.9
NVNT	ac20	5745	Ant1	97.34	0.12	0.44
NVNT	ac20	5785	Ant1	97.34	0.12	0.44
NVNT	ac20	5825	Ant1	97.34	0.12	0.44
NVNT	ac40	5755	Ant1	94.72	0.24	0.9
NVNT	ac40	5795	Ant1	94.72	0.24	0.9
NVNT	ac80	5775	Ant1	89.65	0.47	1.86
NVNT	ax20	5745	Ant1	97.34	0.12	0.44
NVNT	ax20	5785	Ant1	97.3	0.12	0.44
NVNT	ax20	5825	Ant1	97.3	0.12	0.44
NVNT	ax40	5755	Ant1	94.72	0.24	0.9
NVNT	ax40	5795	Ant1	94.72	0.24	0.9
NVNT	ax80	5775	Ant1	89.65	0.47	1.86

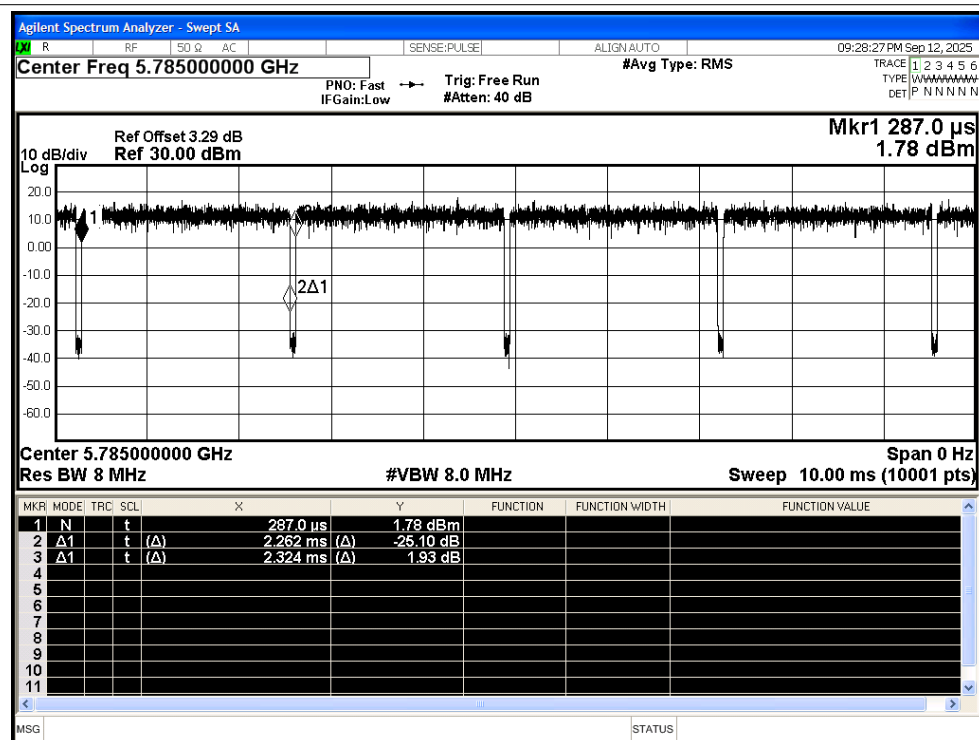
Duty Cycle NVNT a 5745MHz Ant1



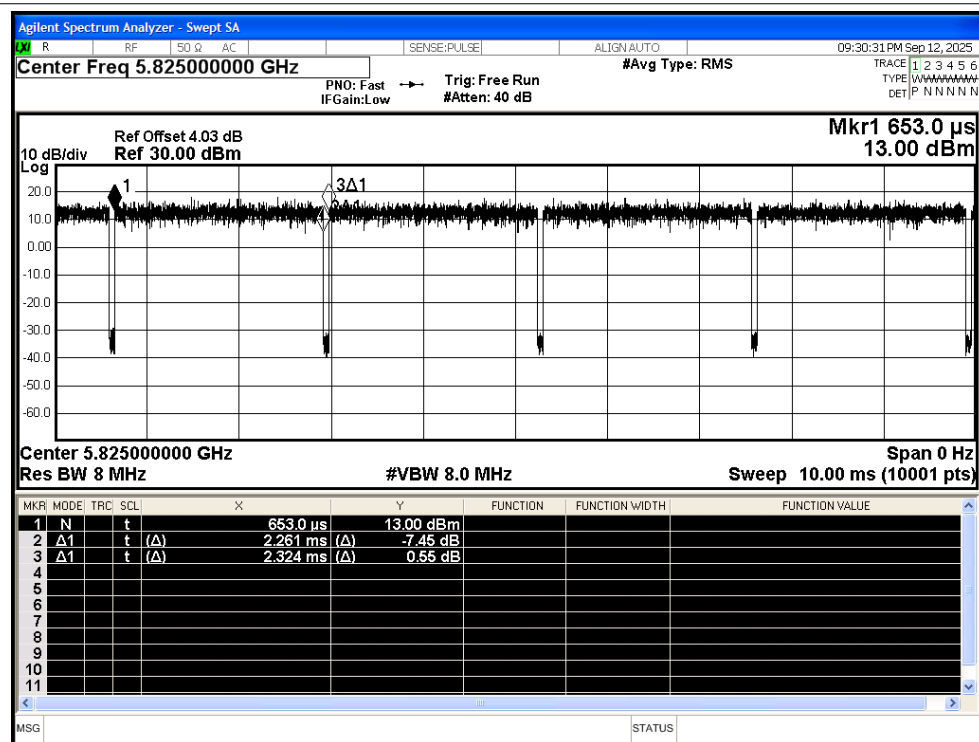
Duty Cycle NVNT a 5785MHz Ant1

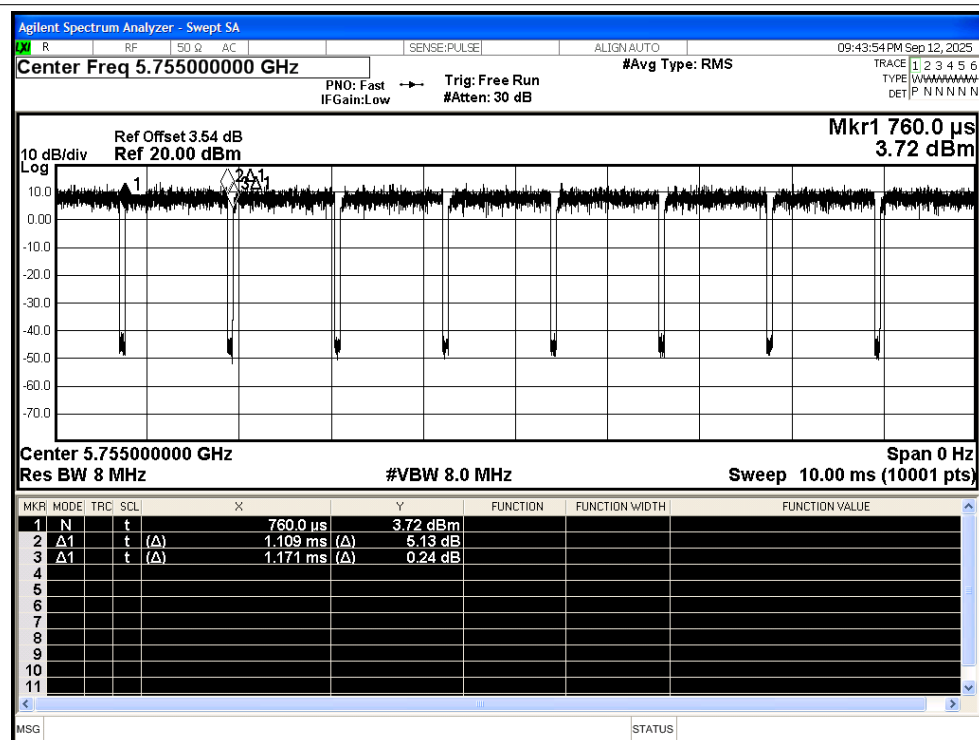


[illegible]

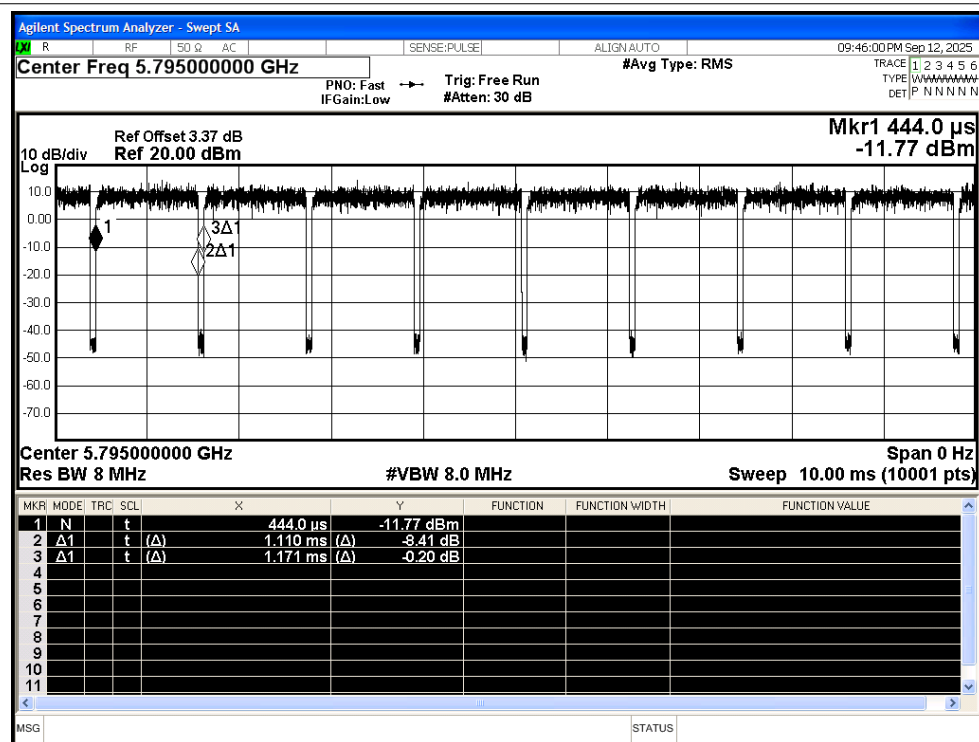


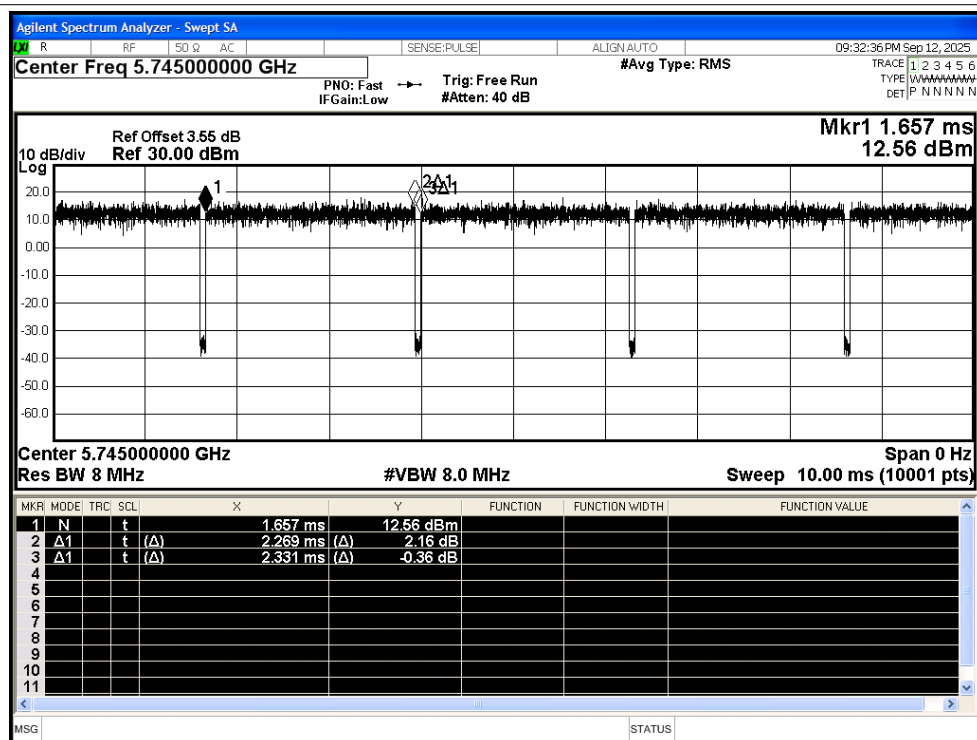
Duty Cycle NVNT n20 5825MHz Ant1



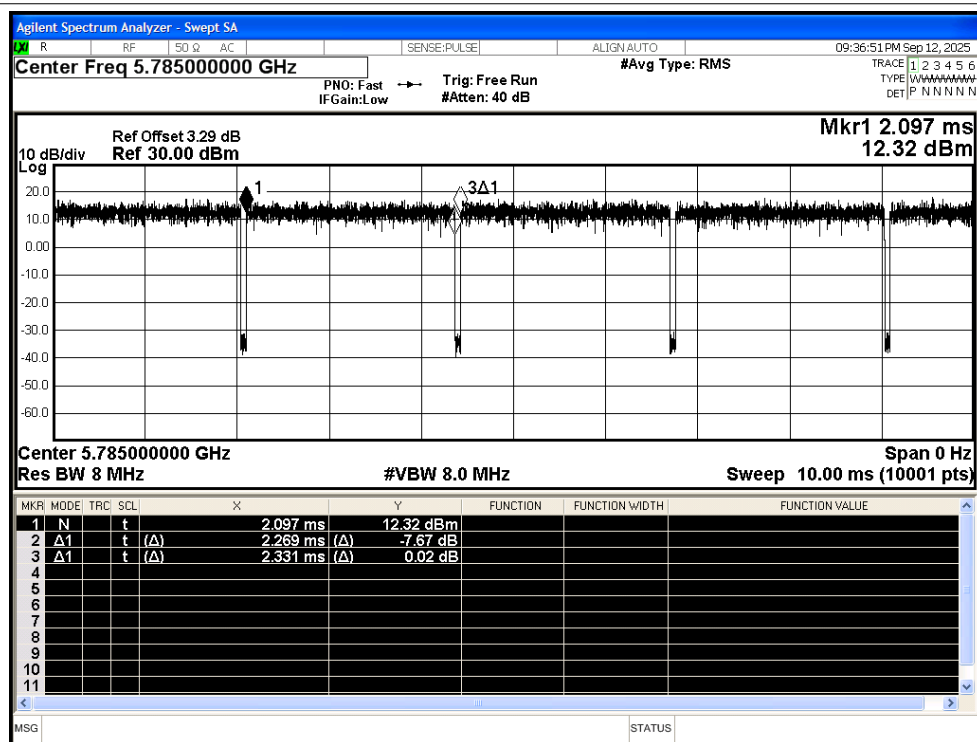


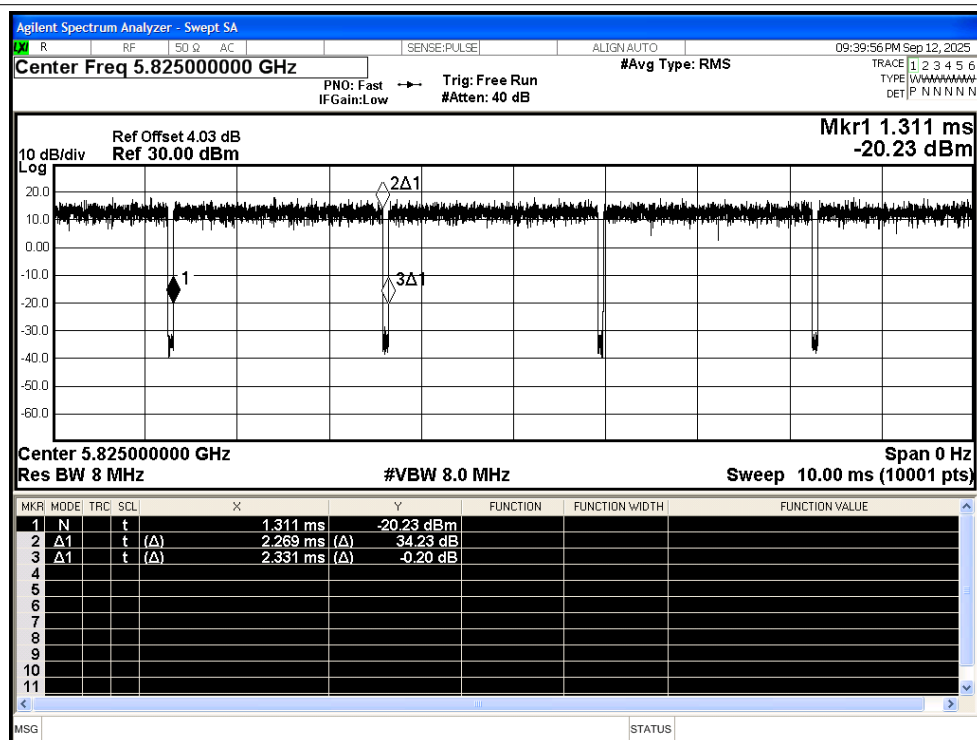
Duty Cycle NVNT n40 5795MHz Ant1



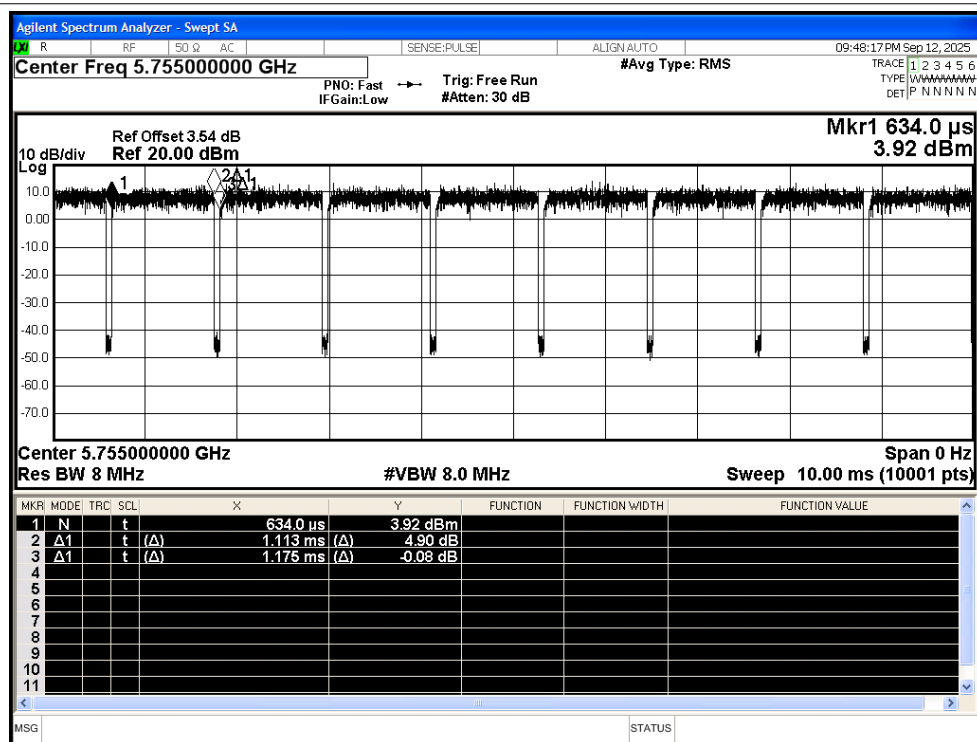


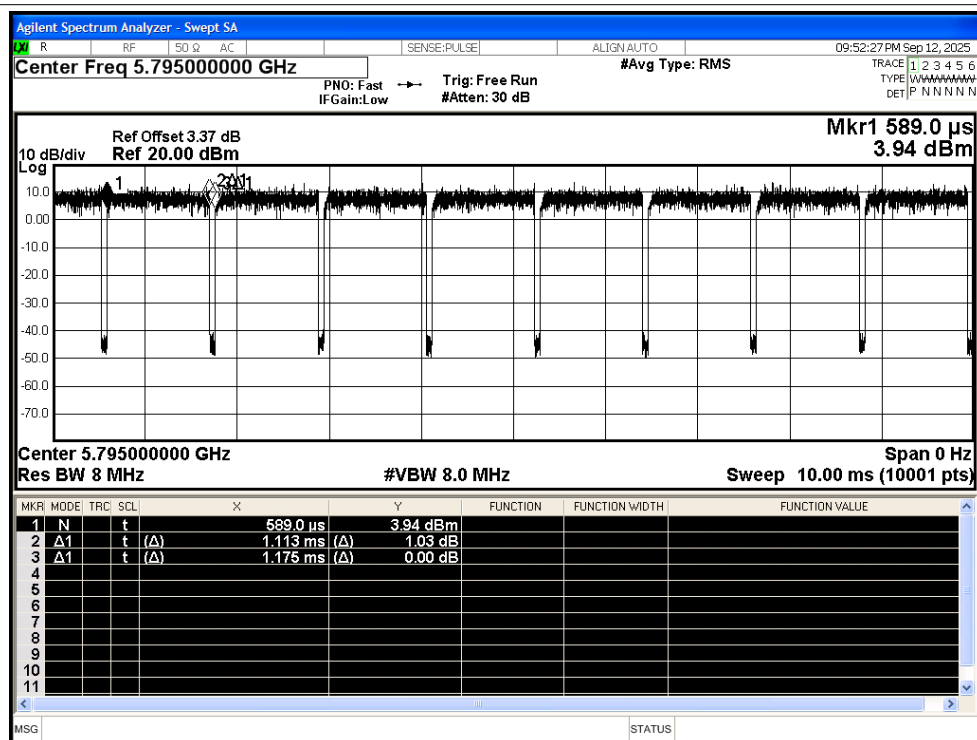
Duty Cycle NVNT ac20 5785MHz Ant1



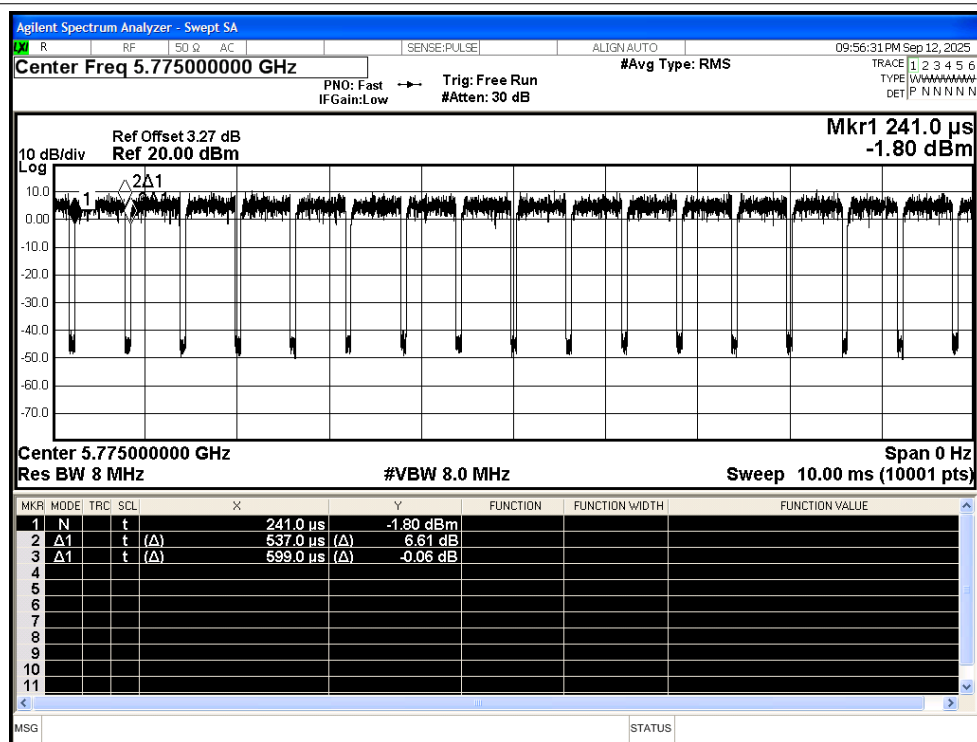


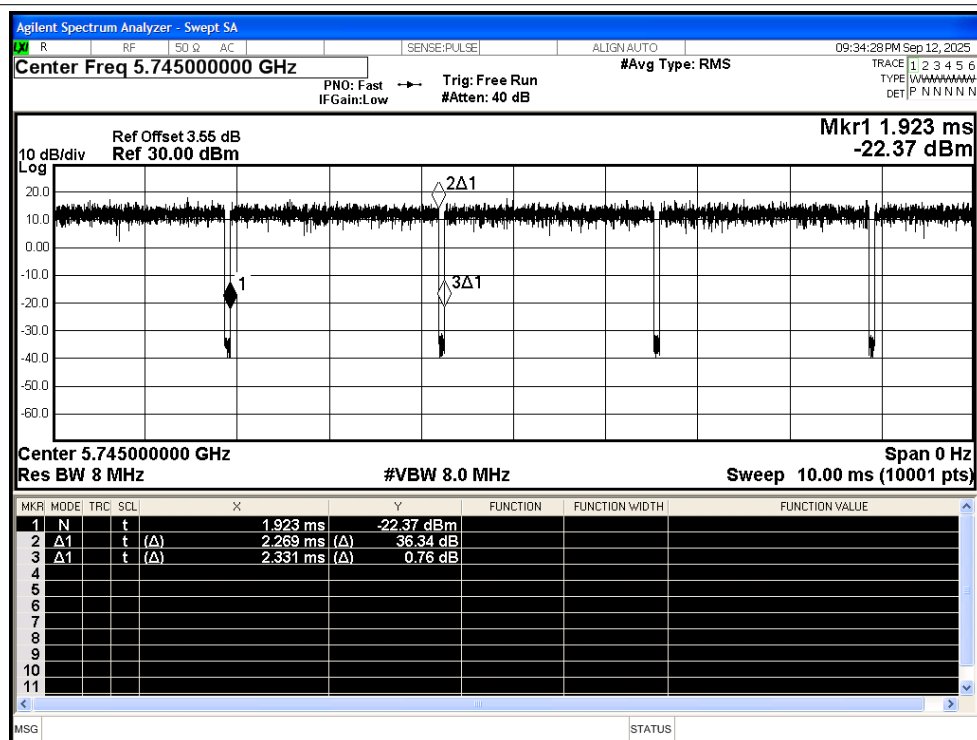
Duty Cycle NVNT ac40 5755MHz Ant1



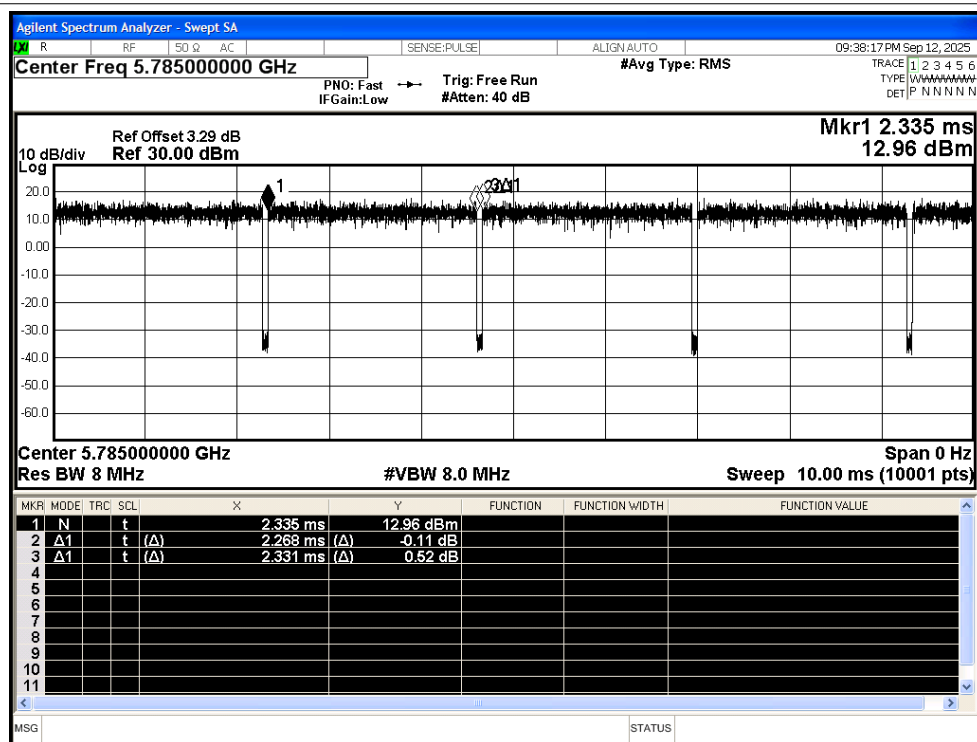


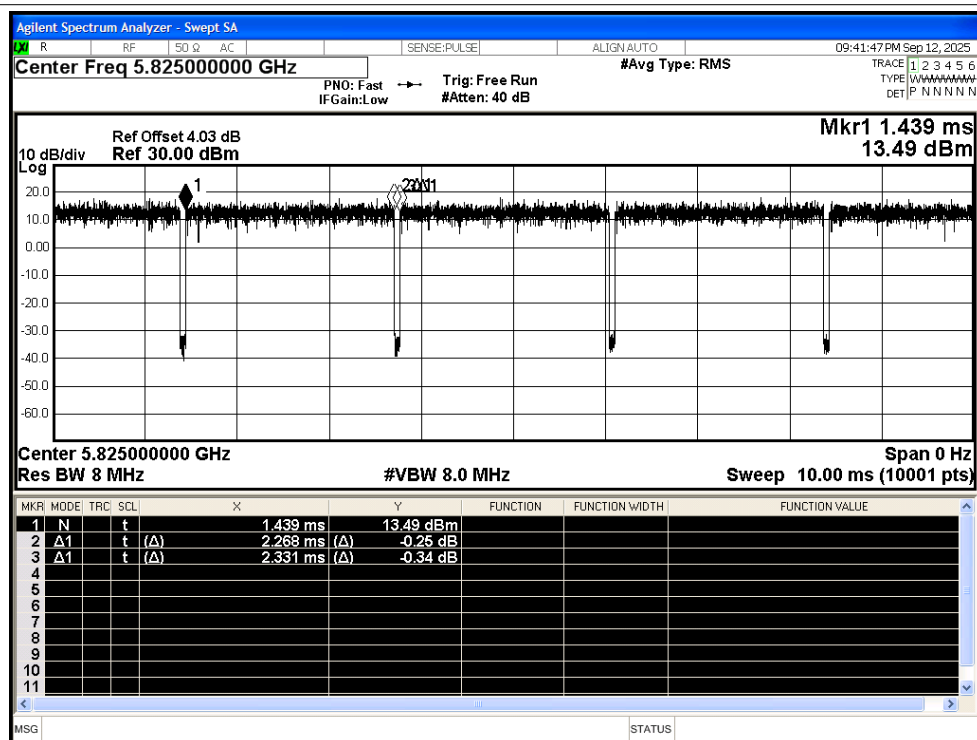
Duty Cycle NVNT ac80 5775MHz Ant1



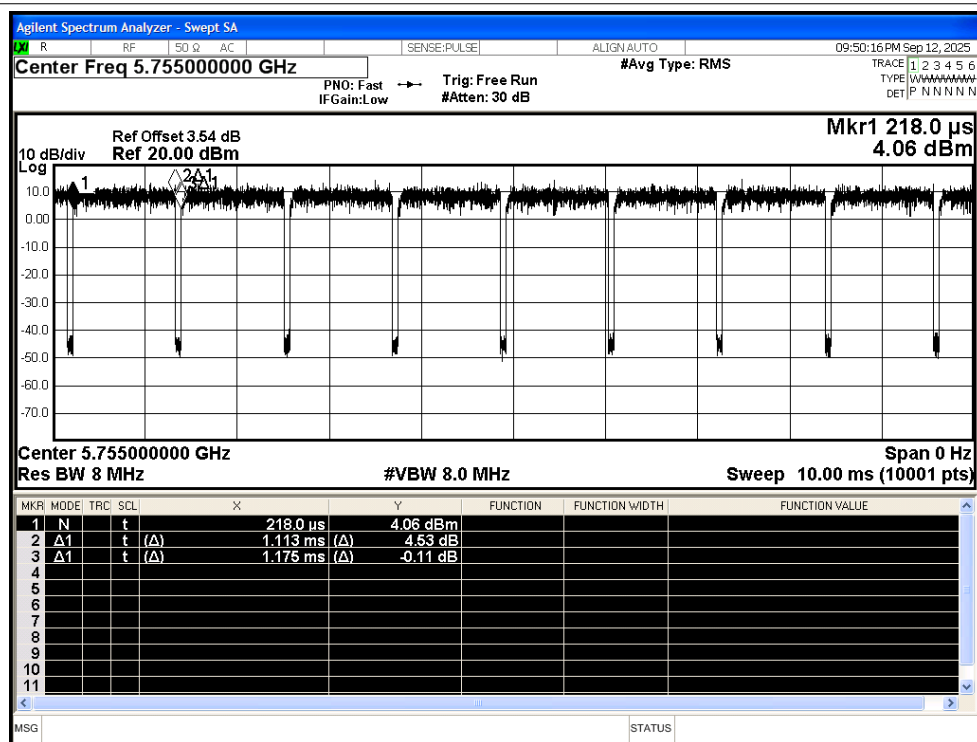


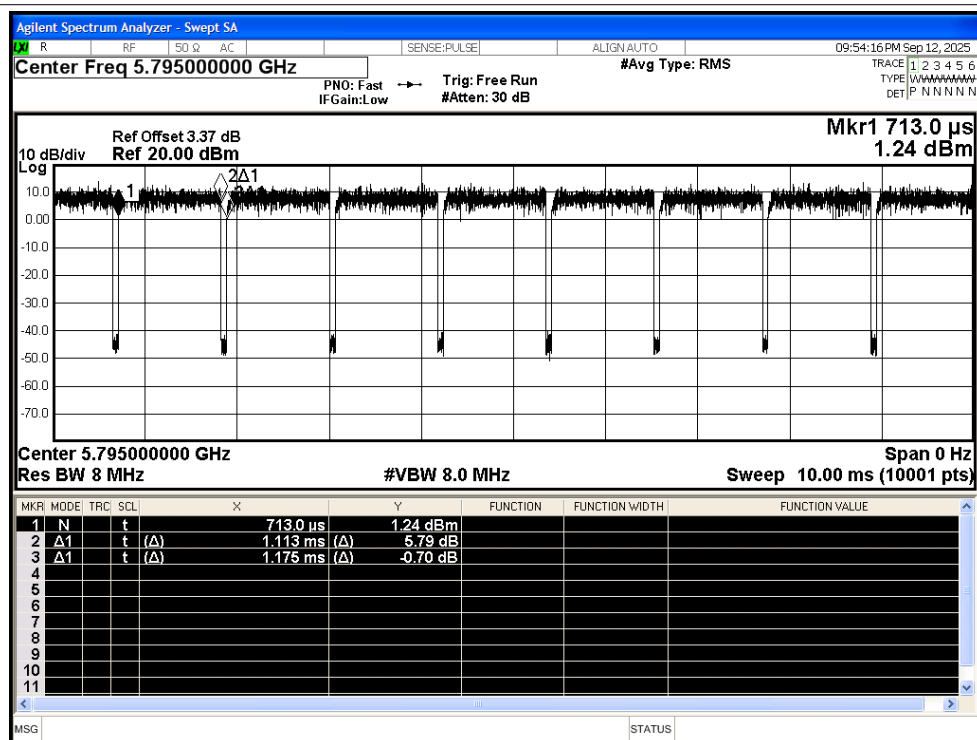
Duty Cycle NVNT ax20 5785MHz Ant1





Duty Cycle NVNT ax40 5755MHz Ant1





Duty Cycle NVNT ax80 5775MHz Ant1

