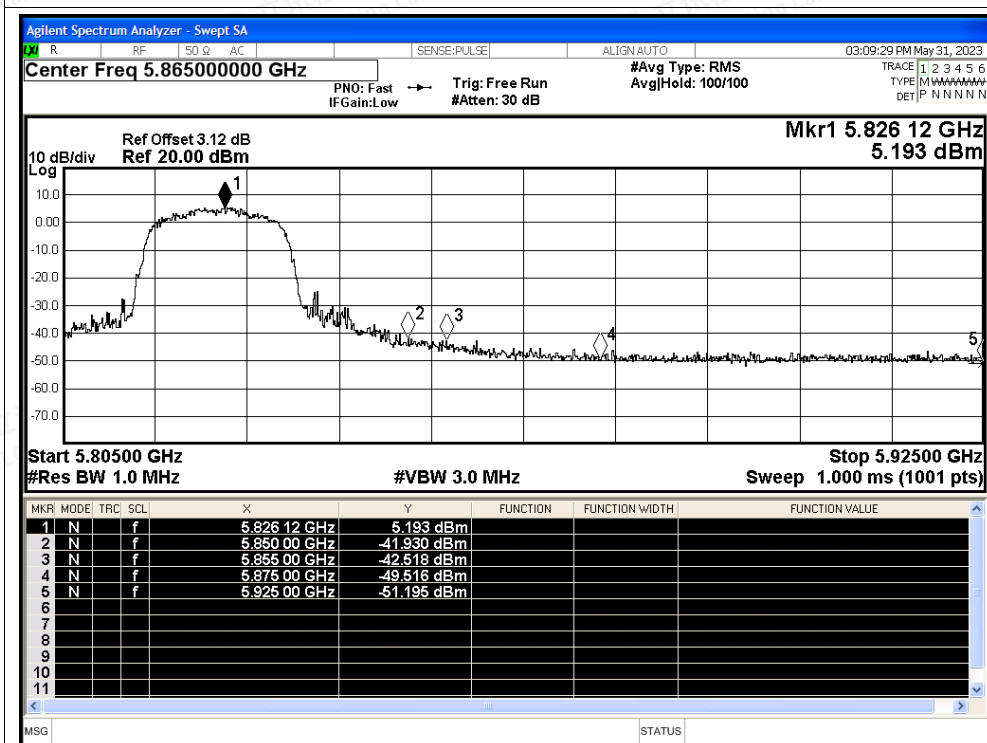
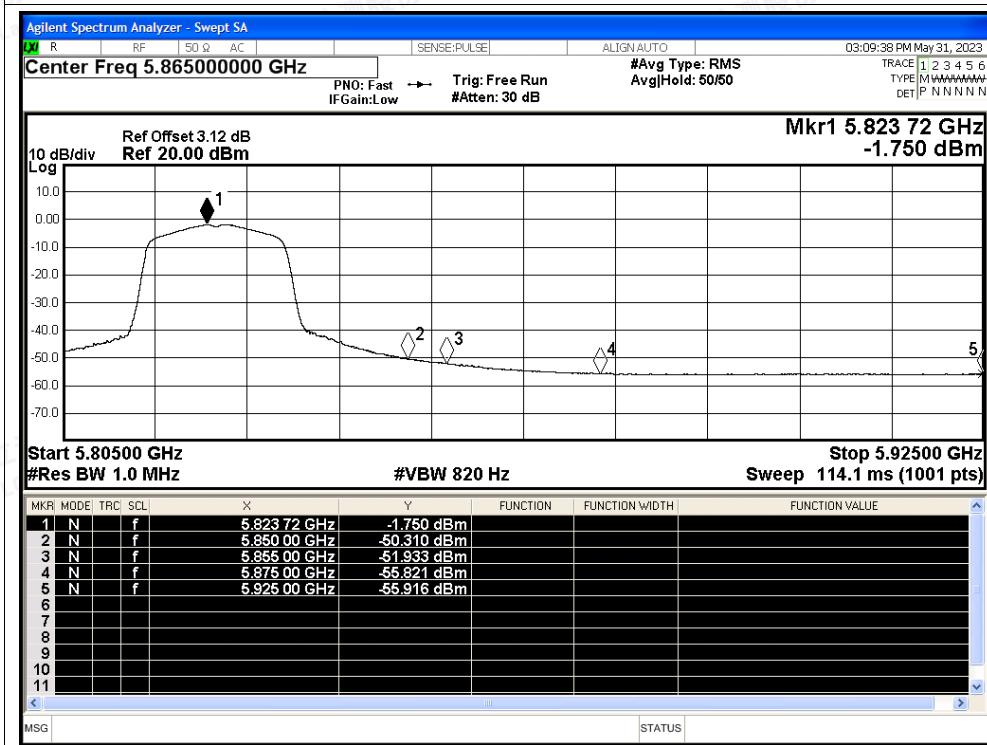




Restrict Band NVNT ac20 5825MHz Ant1 Peak

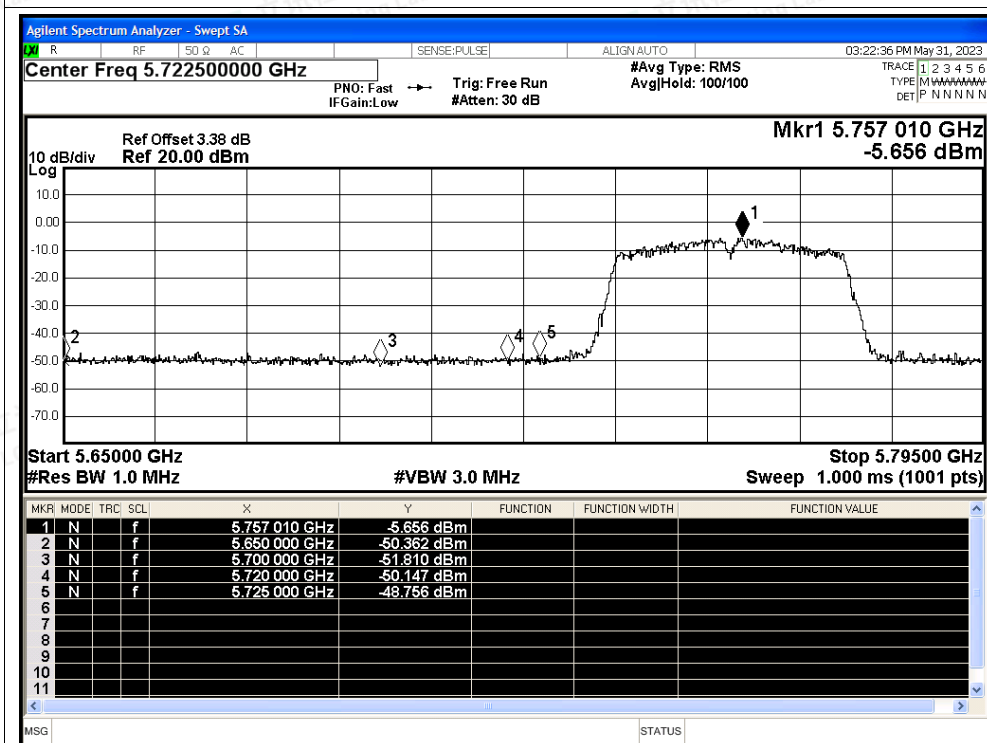


Restrict Band NVNT ac20 5825MHz Ant1 Average

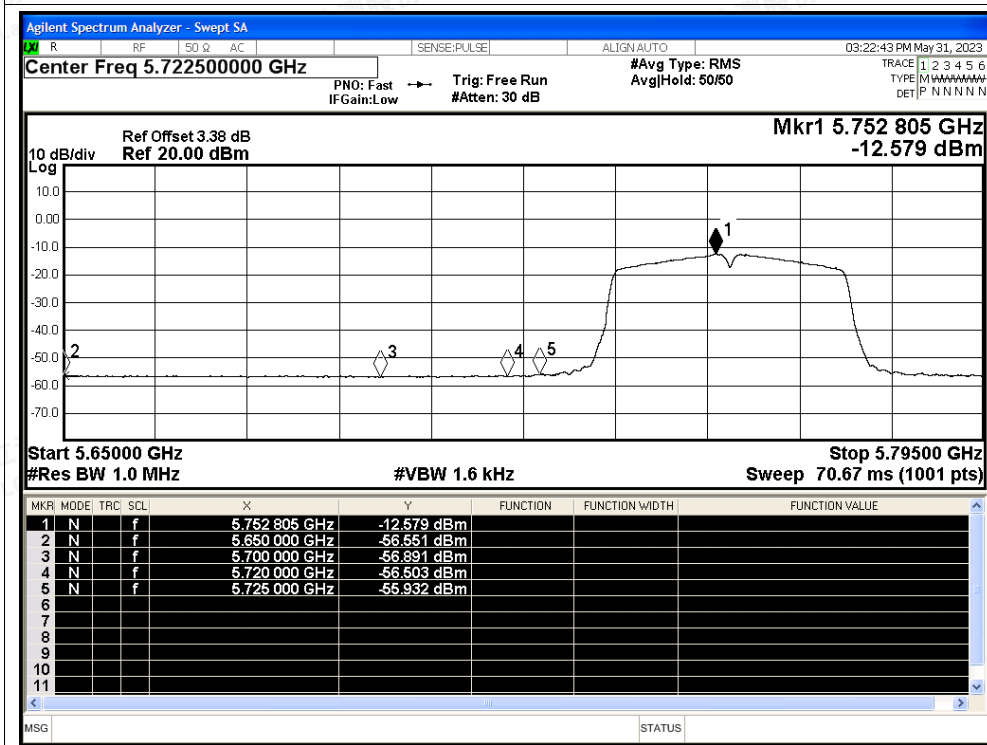




Restrict Band NVNT ac40 5755MHz Ant1 Peak

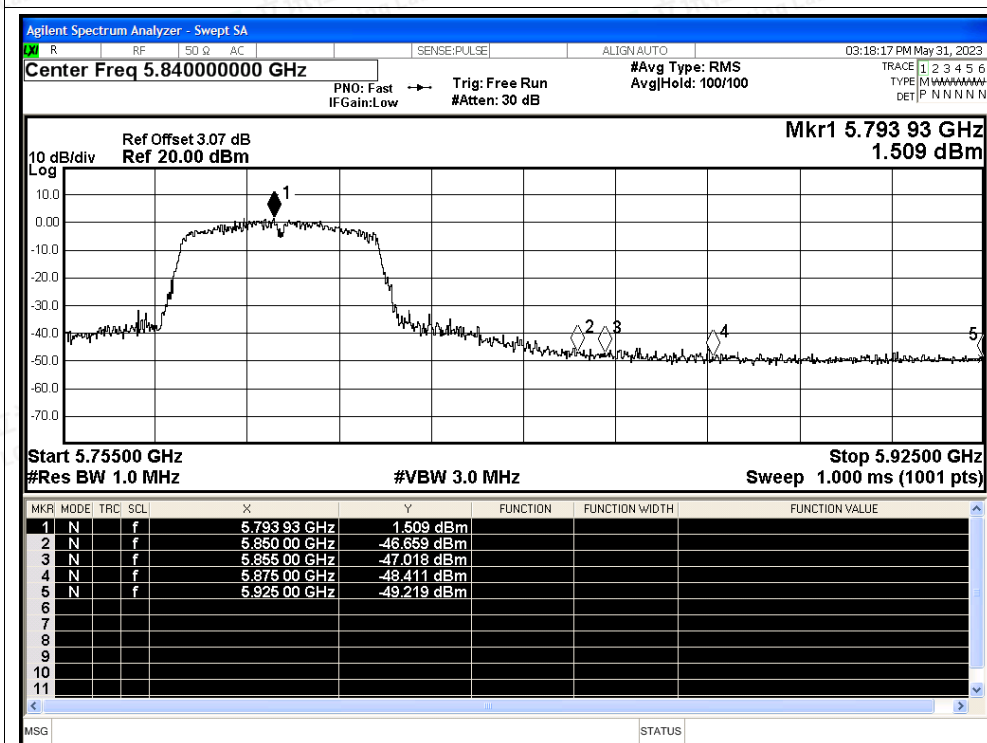


Restrict Band NVNT ac40 5755MHz Ant1 Average

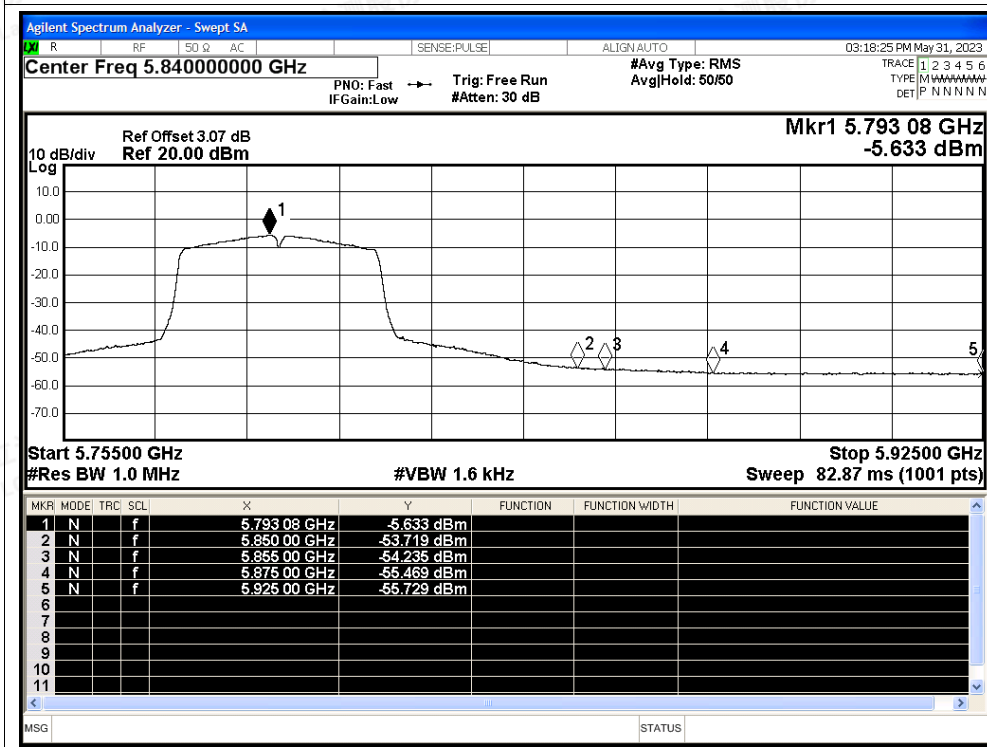




Restrict Band NVNT ac40 5795MHz Ant1 Peak

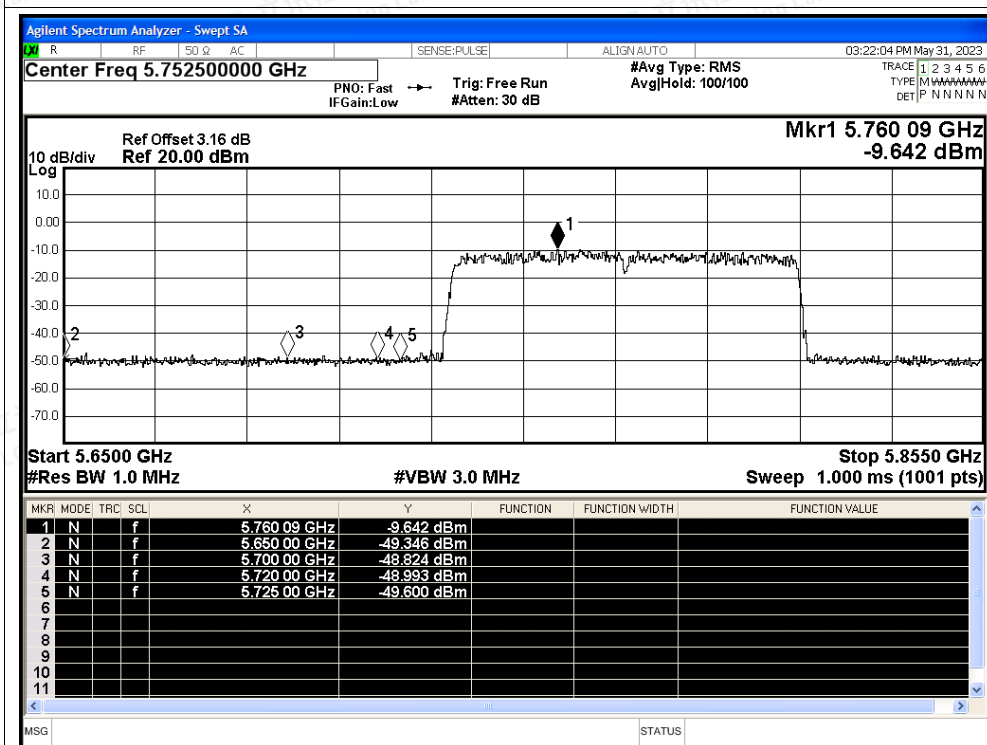


Restrict Band NVNT ac40 5795MHz Ant1 Average

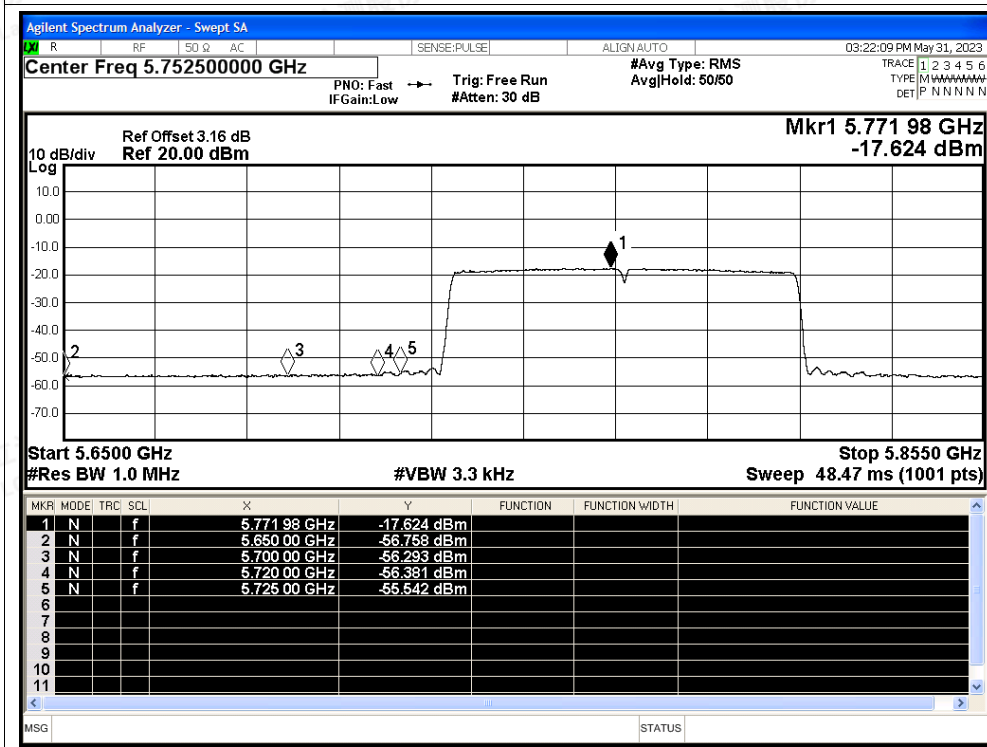




Restrict Band NVNT ac80 5775MHz Ant1 Peak

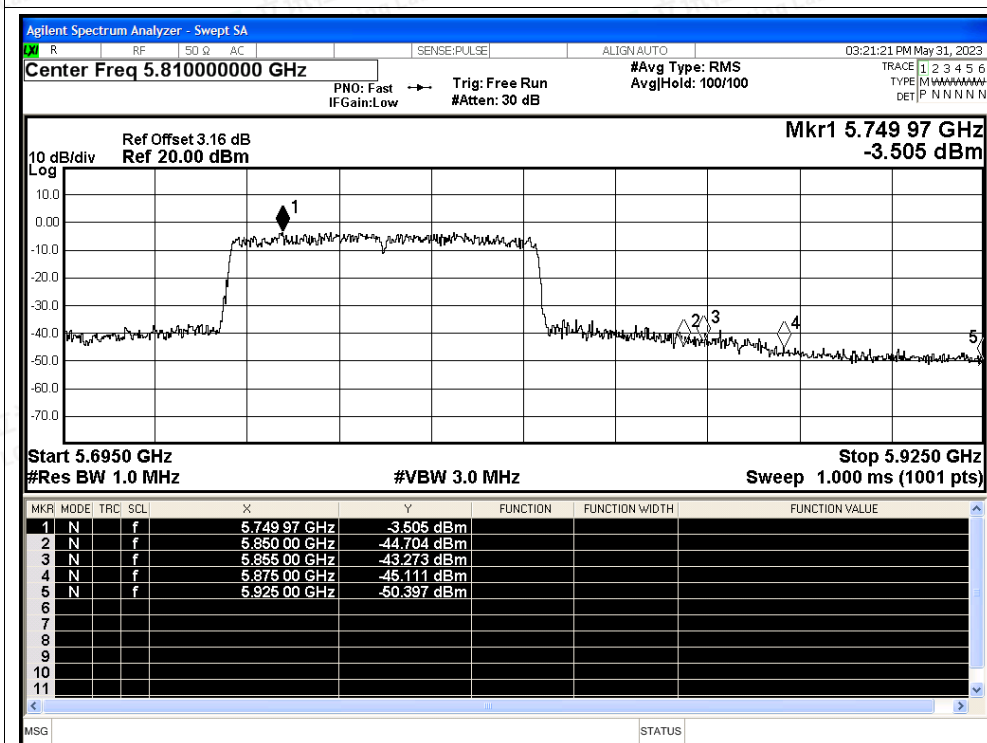


Restrict Band NVNT ac80 5775MHz Ant1 Average

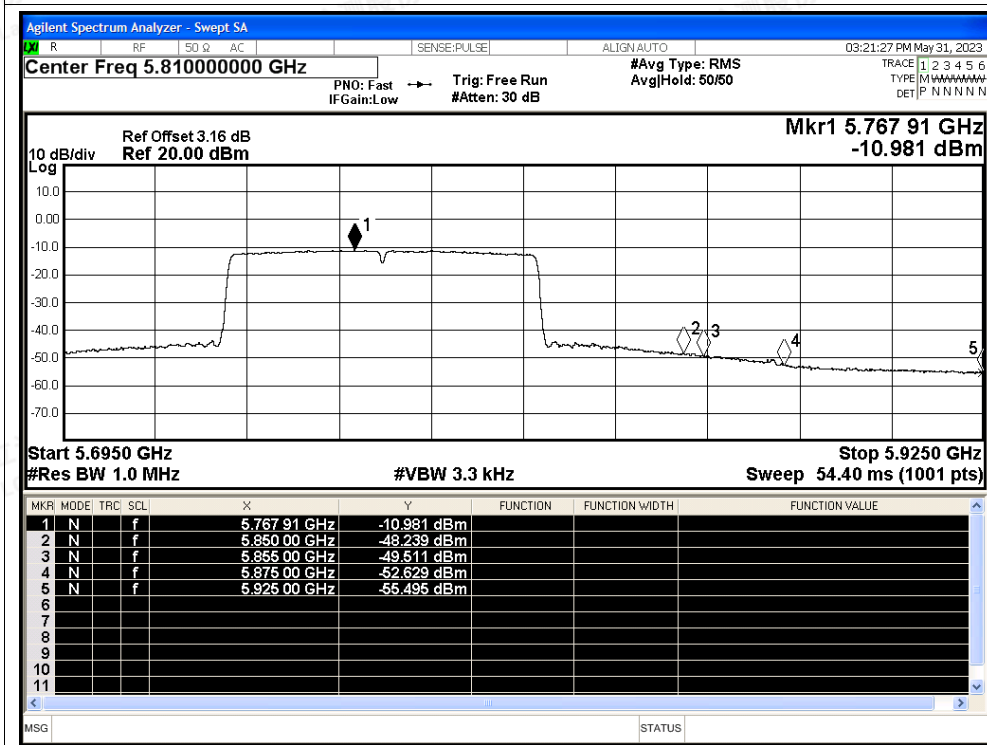




Restrict Band NVNT ac80 5775MHz Ant1 Peak



Restrict Band NVNT ac80 5775MHz Ant1 Average





MIMO

Condition	Mode	Frequency (MHz)	Ant0 Power (dBm)	Ant1 Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	n20	5745	-50.44	-48.87	6.41	-40.16	Peak	-27	Pass
NVNT	n20	5745	-55.93	-56.89	6.41	-46.96	Average	-27	Pass
NVNT	n20	5745	-49.67	-51	6.41	-40.86	Peak	10	Pass
NVNT	n20	5745	-56.14	-56.8	6.41	-47.04	Average	10	Pass
NVNT	n20	5745	-49.14	-49.82	6.41	-40.05	Peak	15.6	Pass
NVNT	n20	5745	-56.73	-56.65	6.41	-47.27	Average	15.6	Pass
NVNT	n20	5745	-48.71	-49.39	6.41	-39.62	Peak	27	Pass
NVNT	n20	5745	-55.85	-56.18	6.41	-46.59	Average	27	Pass
NVNT	n20	5825	-42.09	-41.75	6.41	-32.5	Peak	27	Pass
NVNT	n20	5825	-51.65	-50.66	6.41	-41.71	Average	27	Pass
NVNT	n20	5825	-45.29	-46.28	6.41	-36.34	Peak	15.6	Pass
NVNT	n20	5825	-53.15	-52.26	6.41	-43.26	Average	15.6	Pass
NVNT	n20	5825	-46.31	-49.53	6.41	-38.21	Peak	10	Pass
NVNT	n20	5825	-55.97	-55.65	6.41	-46.39	Average	10	Pass
NVNT	n20	5825	-50.4	-49.36	6.41	-40.43	Peak	-27	Pass
NVNT	n20	5825	-56.1	-55.82	6.41	-46.54	Average	-27	Pass
NVNT	n40	5755	-50.63	-48.59	6.41	-40.07	Peak	-27	Pass
NVNT	n40	5755	-56.51	-56.66	6.41	-47.16	Average	-27	Pass
NVNT	n40	5755	-50.08	-50.08	6.41	-40.66	Peak	10	Pass
NVNT	n40	5755	-56.55	-56.75	6.41	-47.23	Average	10	Pass
NVNT	n40	5755	-49.42	-49.04	6.41	-39.81	Peak	15.6	Pass
NVNT	n40	5755	-56.56	-56.59	6.41	-47.15	Average	15.6	Pass
NVNT	n40	5755	-49.17	-44.42	6.41	-36.76	Peak	27	Pass
NVNT	n40	5755	-55.87	-55.91	6.41	-46.47	Average	27	Pass
NVNT	n40	5795	-46.02	-46.62	6.41	-36.89	Peak	27	Pass
NVNT	n40	5795	-53.71	-53.4	6.41	-44.13	Average	27	Pass
NVNT	n40	5795	-46.76	-46.85	6.41	-37.38	Peak	15.6	Pass
NVNT	n40	5795	-54.32	-53.74	6.41	-44.6	Average	15.6	Pass
NVNT	n40	5795	-48.07	-46.43	6.41	-37.75	Peak	10	Pass
NVNT	n40	5795	-55.36	-55.41	6.41	-45.96	Average	10	Pass
NVNT	n40	5795	-49.78	-49.84	6.41	-40.39	Peak	-27	Pass
NVNT	n40	5795	-55.71	-56.06	6.41	-46.46	Average	-27	Pass
NVNT	ac20	5745	-50.06	-51.33	6.41	-41.23	Peak	-27	Pass
NVNT	ac20	5745	-56.86	-56.72	6.41	-47.37	Average	-27	Pass
NVNT	ac20	5745	-50.37	-50.24	6.41	-40.88	Peak	10	Pass
NVNT	ac20	5745	-56.77	-56.78	6.41	-47.35	Average	10	Pass
NVNT	ac20	5745	-49.09	-49.57	6.41	-39.9	Peak	15.6	Pass



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NVNT	ac20	5745	-56.82	-56.91	6.41	-47.44	Average	15.6	Pass
NVNT	ac20	5745	-49.27	-48.11	6.41	-39.23	Peak	27	Pass
NVNT	ac20	5745	-56.66	-56.48	6.41	-47.15	Average	27	Pass
NVNT	ac20	5825	-43.3	-41.93	6.41	-33.14	Peak	27	Pass
NVNT	ac20	5825	-51.63	-50.31	6.41	-41.5	Average	27	Pass
NVNT	ac20	5825	-44.93	-42.52	6.41	-34.14	Peak	15.6	Pass
NVNT	ac20	5825	-52.97	-51.93	6.41	-43	Average	15.6	Pass
NVNT	ac20	5825	-49.48	-49.52	6.41	-40.08	Peak	10	Pass
NVNT	ac20	5825	-55.69	-55.82	6.41	-46.33	Average	10	Pass
NVNT	ac20	5825	-48.89	-51.2	6.41	-40.47	Peak	-27	Pass
NVNT	ac20	5825	-55.67	-55.92	6.41	-46.37	Average	-27	Pass
NVNT	ac40	5755	-51.4	-50.36	6.41	-41.43	Peak	-27	Pass
NVNT	ac40	5755	-56.58	-56.55	6.41	-47.14	Average	-27	Pass
NVNT	ac40	5755	-47.88	-51.81	6.41	-39.99	Peak	10	Pass
NVNT	ac40	5755	-56.67	-56.89	6.41	-47.36	Average	10	Pass
NVNT	ac40	5755	-49.08	-50.15	6.41	-40.16	Peak	15.6	Pass
NVNT	ac40	5755	-56.54	-56.5	6.41	-47.1	Average	15.6	Pass
NVNT	ac40	5755	-51.39	-48.76	6.41	-40.46	Peak	27	Pass
NVNT	ac40	5755	-55.75	-55.93	6.41	-46.42	Average	27	Pass
NVNT	ac40	5795	-46.7	-46.66	6.41	-37.26	Peak	27	Pass
NVNT	ac40	5795	-54.14	-53.72	6.41	-44.5	Average	27	Pass
NVNT	ac40	5795	-48.88	-47.02	6.41	-38.43	Peak	15.6	Pass
NVNT	ac40	5795	-54.55	-54.24	6.41	-44.97	Average	15.6	Pass
NVNT	ac40	5795	-47.12	-48.41	6.41	-38.3	Peak	10	Pass
NVNT	ac40	5795	-55.74	-55.47	6.41	-46.18	Average	10	Pass
NVNT	ac40	5795	-50.26	-49.22	6.41	-40.29	Peak	-27	Pass
NVNT	ac40	5795	-55.72	-55.73	6.41	-46.3	Average	-27	Pass
NVNT	ac80	5775	-50.66	-49.35	6.41	-40.54	Peak	-27	Pass
NVNT	ac80	5775	-56.51	-56.76	6.41	-47.21	Average	-27	Pass
NVNT	ac80	5775	-50.07	-48.82	6.41	-39.98	Peak	10	Pass
NVNT	ac80	5775	-56.65	-56.29	6.41	-47.05	Average	10	Pass
NVNT	ac80	5775	-51.61	-48.99	6.41	-40.69	Peak	15.6	Pass
NVNT	ac80	5775	-56.52	-56.38	6.41	-47.03	Average	15.6	Pass
NVNT	ac80	5775	-49.83	-49.6	6.41	-40.29	Peak	27	Pass
NVNT	ac80	5775	-56.78	-55.54	6.41	-46.7	Average	27	Pass
NVNT	ac80	5775	-51.09	-44.7	6.41	-37.39	Peak	27	Pass
NVNT	ac80	5775	-57	-48.24	6.41	-41.29	Average	27	Pass
NVNT	ac80	5775	-50.26	-43.27	6.41	-36.07	Peak	15.6	Pass
NVNT	ac80	5775	-57.04	-49.51	6.41	-42.39	Average	15.6	Pass
NVNT	ac80	5775	-50.85	-45.11	6.41	-37.67	Peak	10	Pass
NVNT	ac80	5775	-56.84	-52.63	6.41	-44.82	Average	10	Pass



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NVNT	ac80	5775	-50.33	-50.4	6.41	-40.94	Peak	-27	Pass
NVNT	ac80	5775	-56.11	-55.5	6.41	-46.37	Average	-27	Pass





D.5 Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	n40	5755	Ant0	5754.96	-40000	-6.95	25	Pass
NVNT	n40	5795	Ant0	5795	0	0	25	Pass
NVNT	ac20	5745	Ant0	5744.96	-40000	-6.96	25	Pass
NVNT	ac20	5785	Ant0	5784.96	-40000	-6.91	25	Pass
NVNT	ac20	5825	Ant0	5824.98	-20000	-3.43	25	Pass
NVNT	ac40	5755	Ant0	5755	0	0	25	Pass
NVNT	ac40	5795	Ant0	5795	0	0	25	Pass
NVNT	ac80	5775	Ant0	5775	0	0	25	Pass

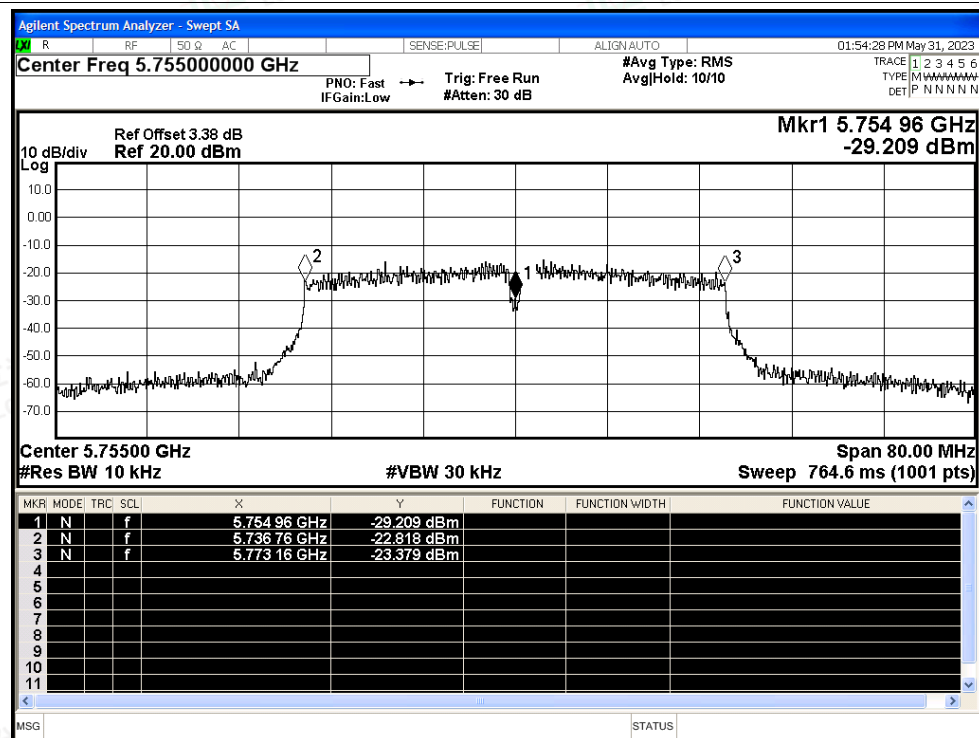


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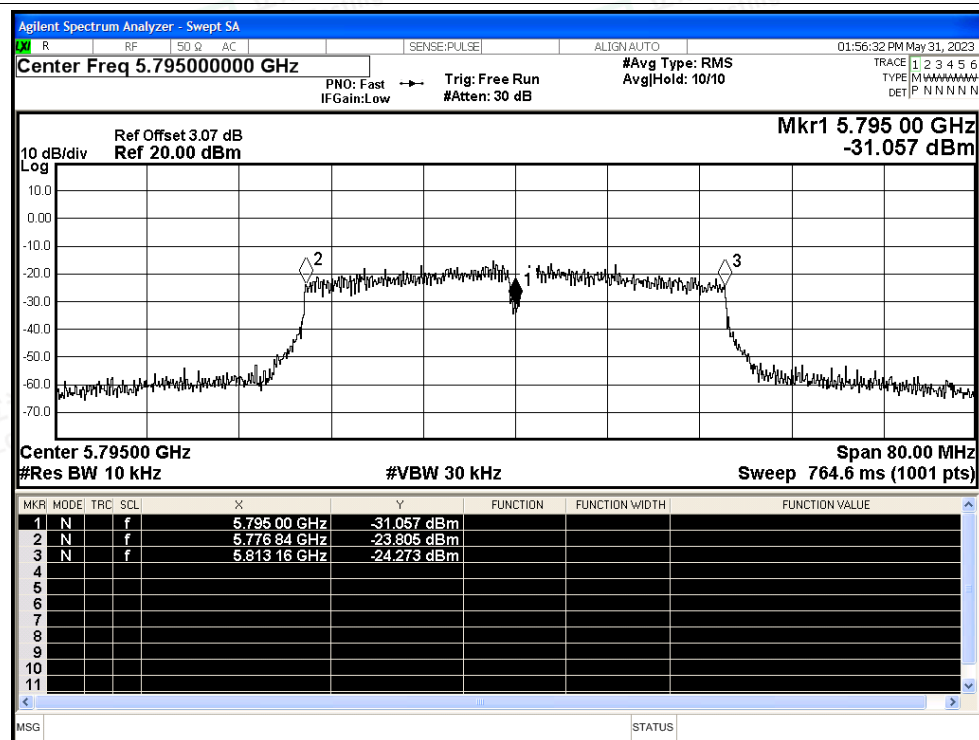


Test Graphs

Freq. Stability NVNT n40 5755MHz Ant0

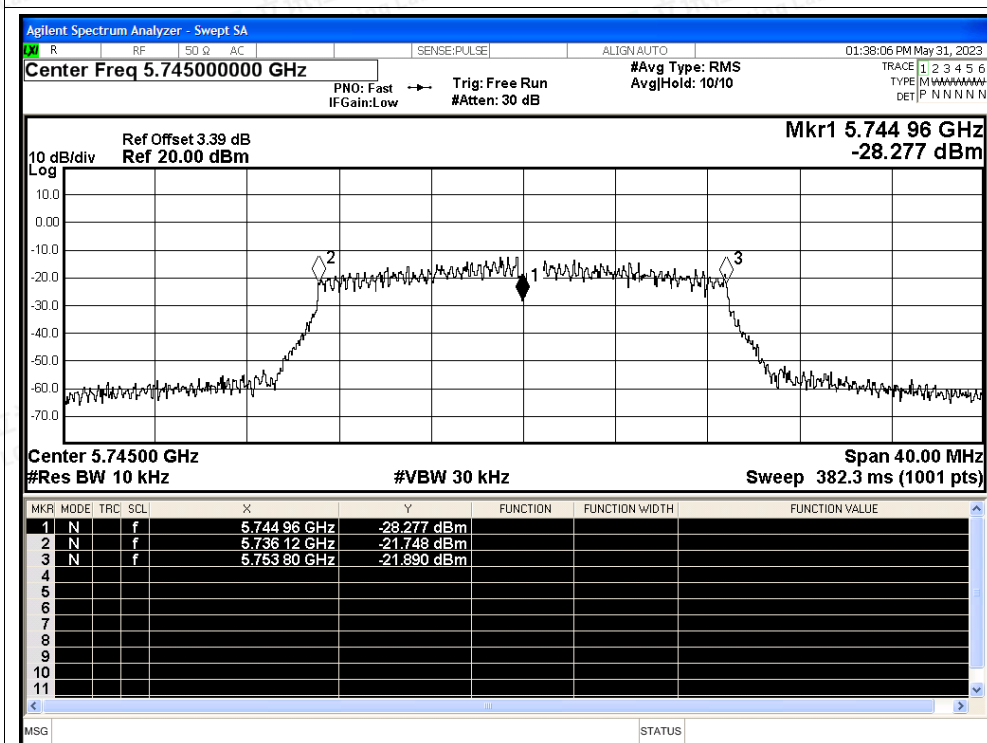


Freq. Stability NVNT n40 5795MHz Ant0

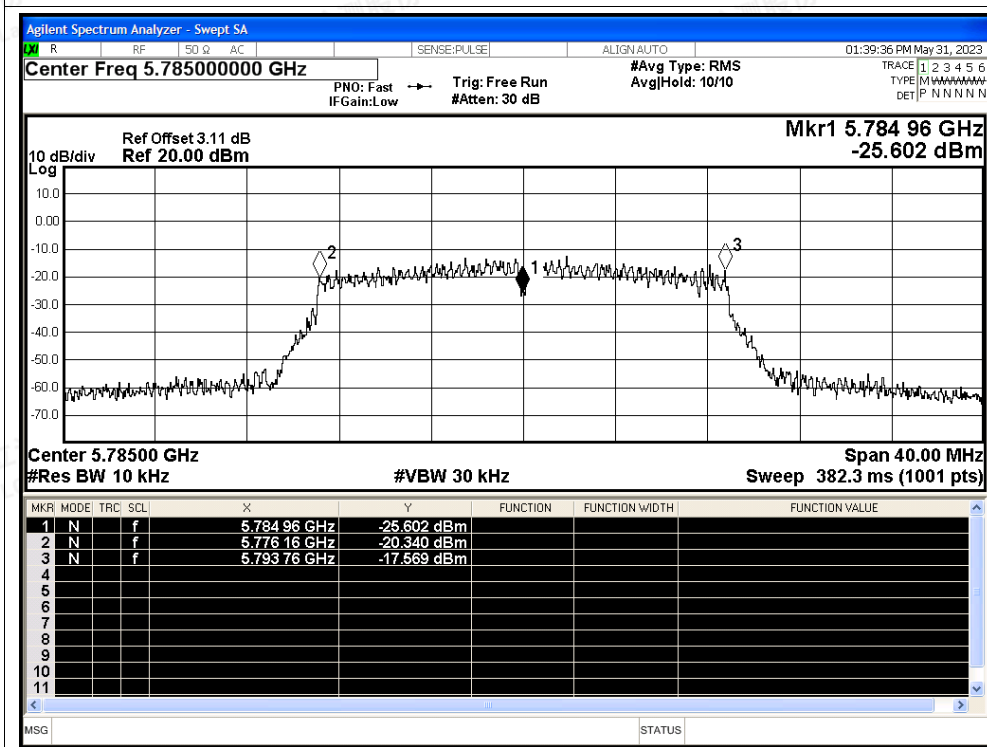




Freq. Stability NVNT ac20 5745MHz Ant0

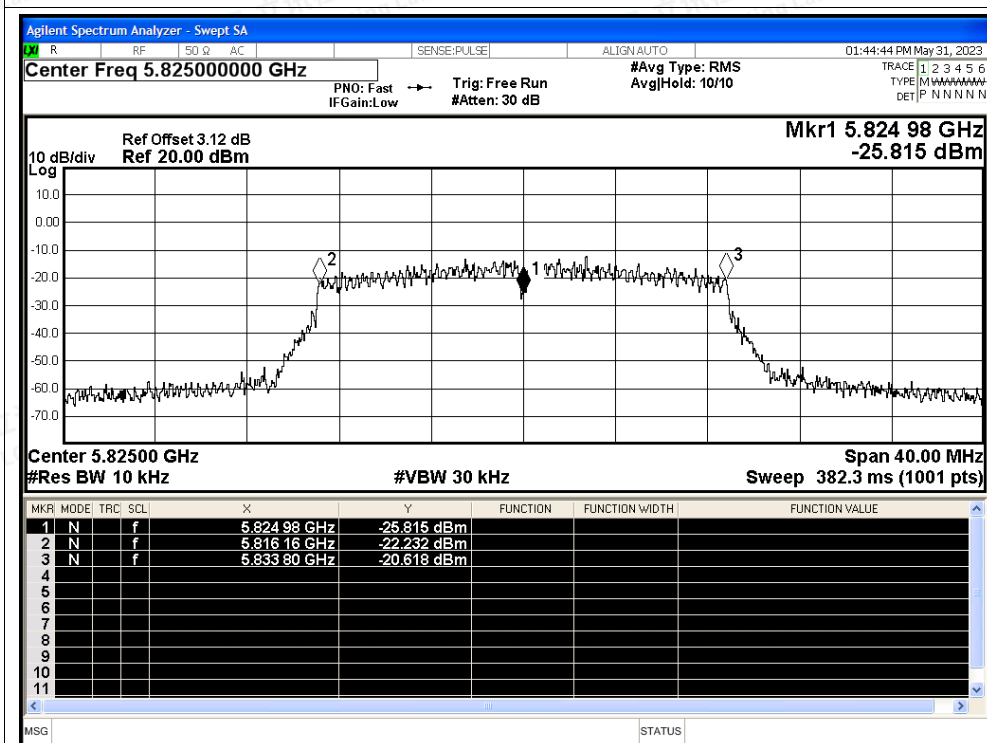


Freq. Stability NVNT ac20 5785MHz Ant0

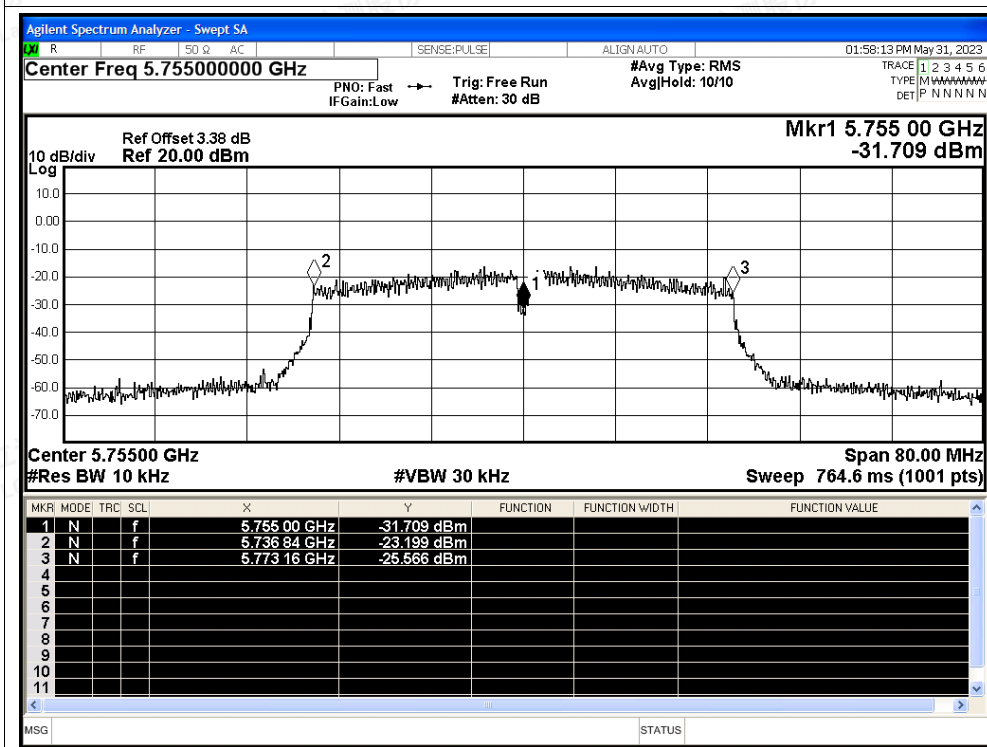




Freq. Stability NVNT ac20 5825MHz Ant0

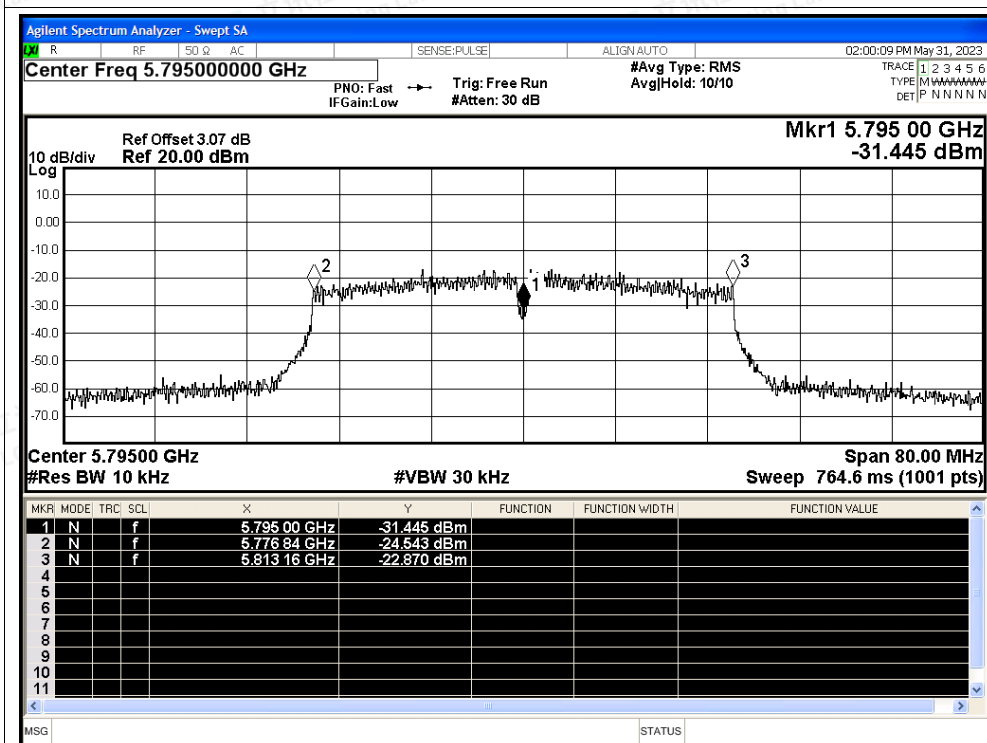


Freq. Stability NVNT ac40 5755MHz Ant0

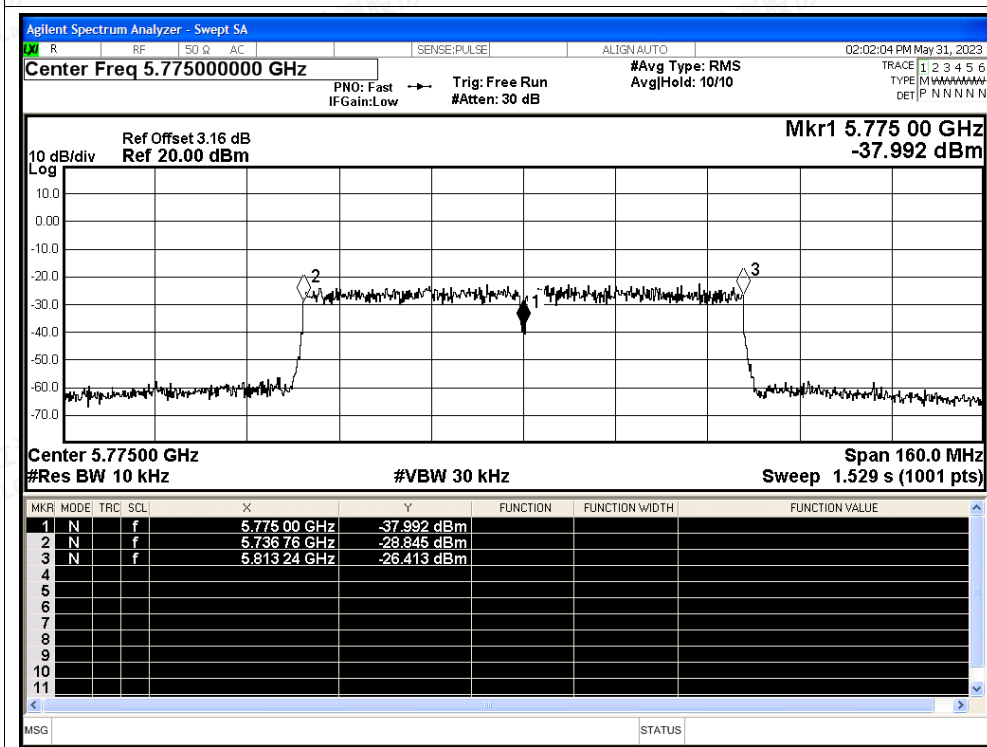




Freq. Stability NVNT ac40 5795MHz Ant0



Freq. Stability NVNT ac80 5775MHz Ant0





Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	n40	5795	Ant1	5795	0	0	25	Pass
NVNT	ac20	5745	Ant1	5745	0	0	25	Pass
NVNT	ac20	5785	Ant1	5785.04	40000	6.91	25	Pass
NVNT	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	ac40	5755	Ant1	5755	0	0	25	Pass
NVNT	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NVNT	ac80	5775	Ant1	5775	0	0	25	Pass

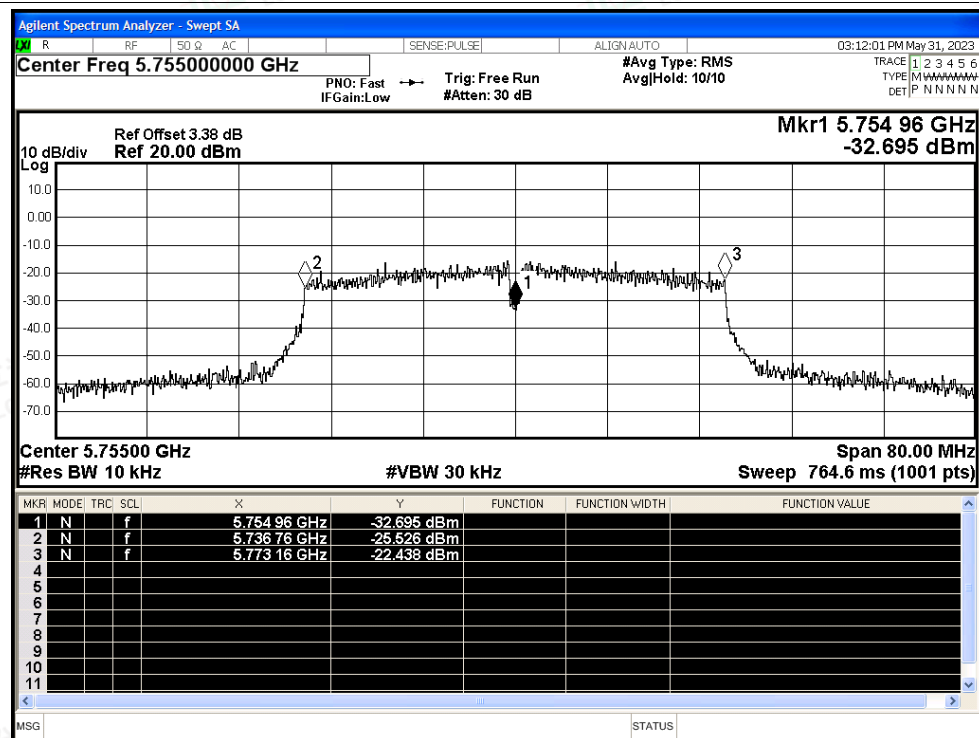


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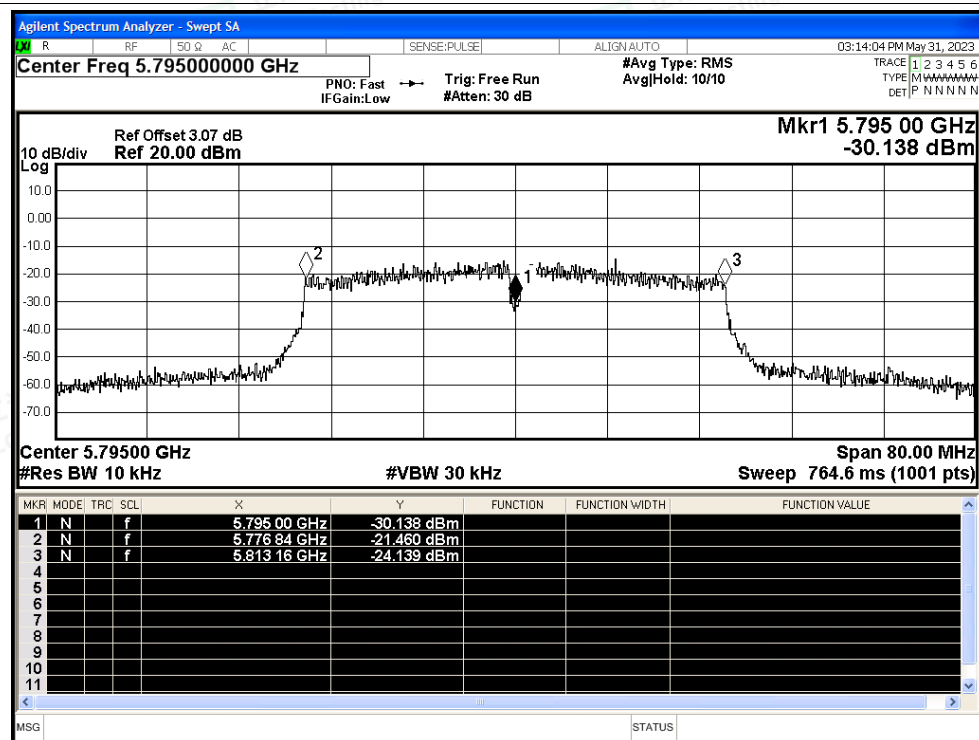


Test Graphs

Freq. Stability NVNT n40 5755MHz Ant1

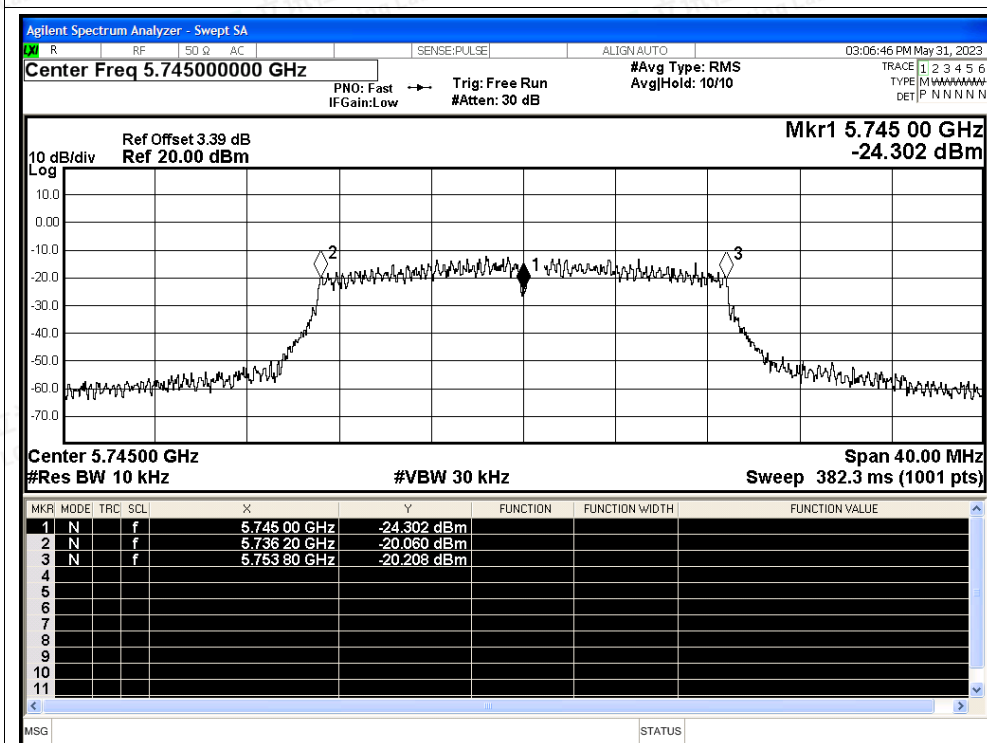


Freq. Stability NVNT n40 5795MHz Ant1

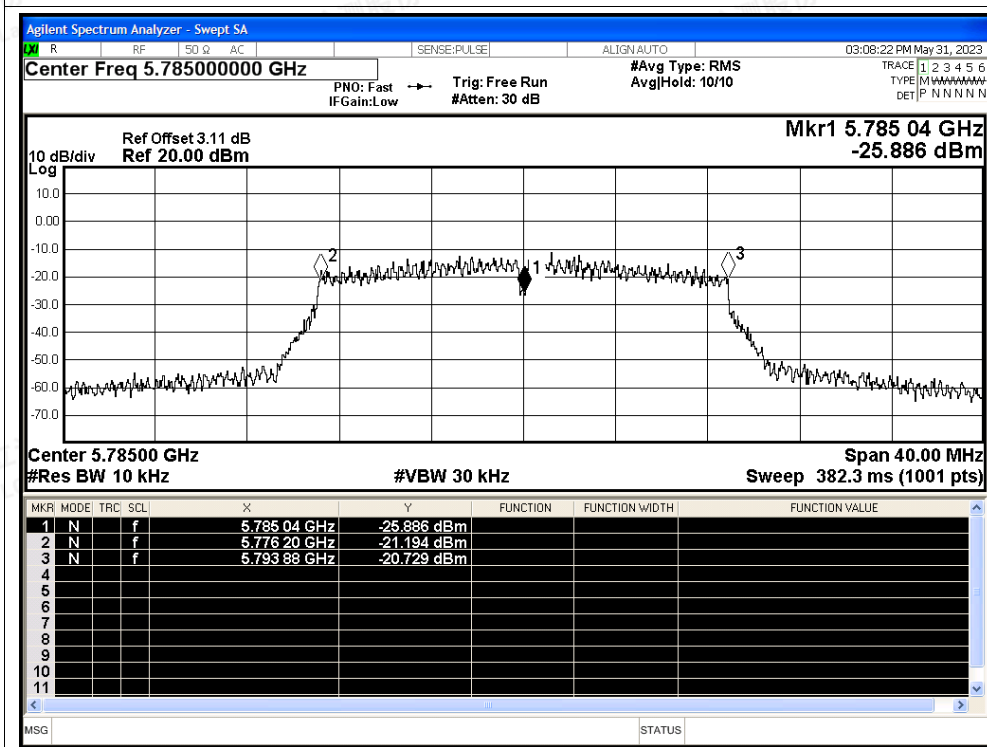




Freq. Stability NVNT ac20 5745MHz Ant1

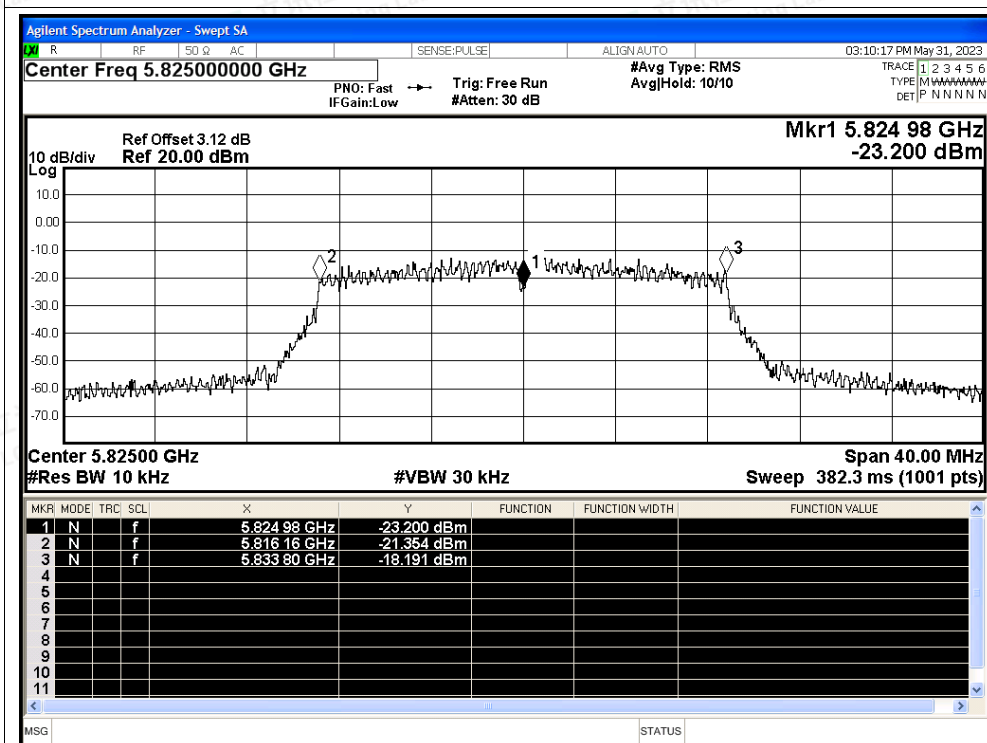


Freq. Stability NVNT ac20 5785MHz Ant1

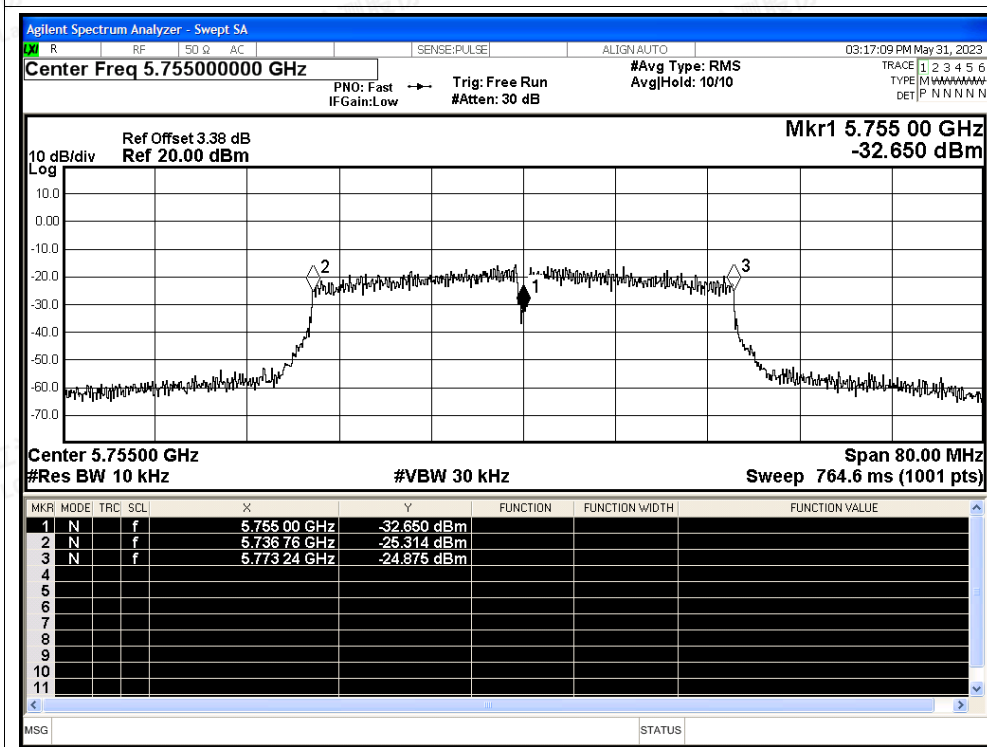




Freq. Stability NVNT ac20 5825MHz Ant1

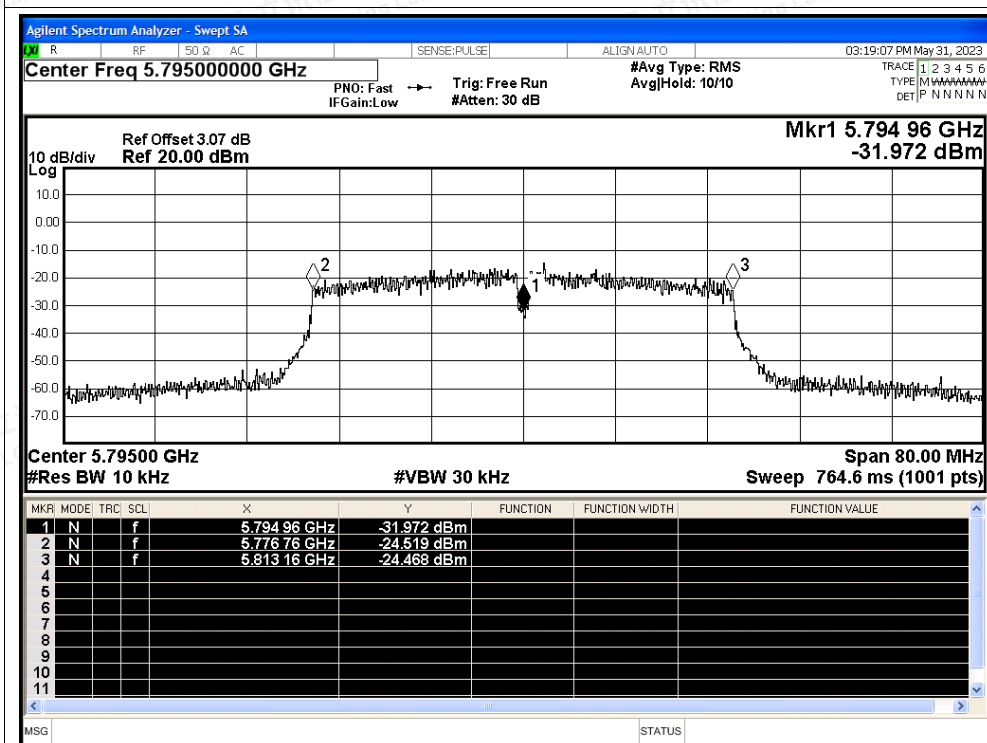


Freq. Stability NVNT ac40 5755MHz Ant1

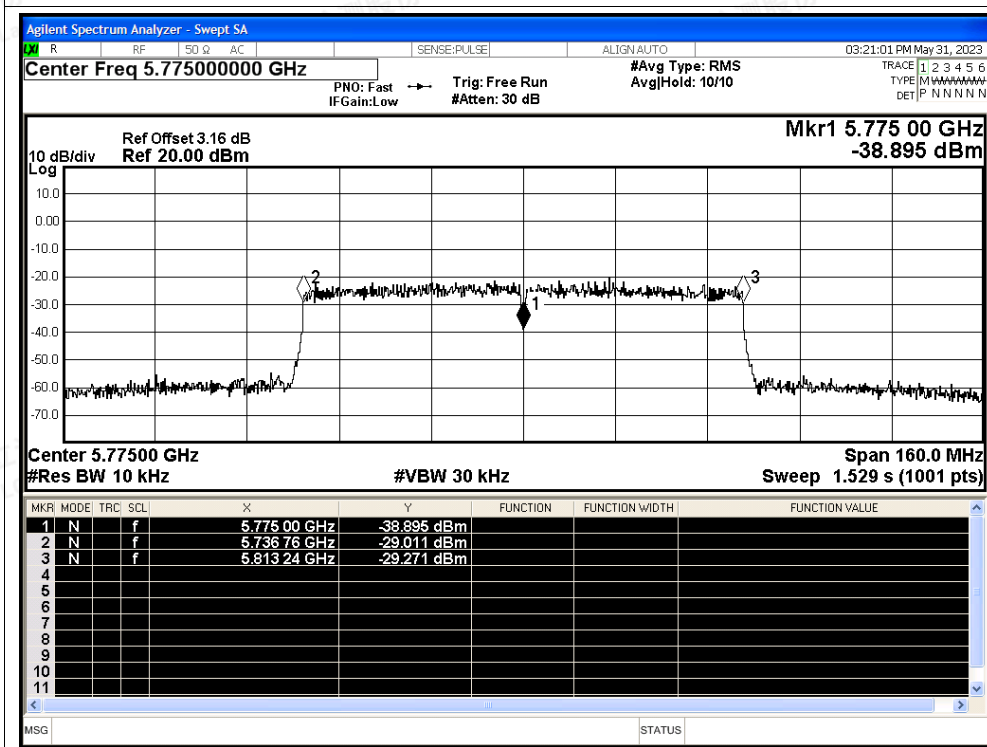




Freq. Stability NVNT ac40 5795MHz Ant1



Freq. Stability NVNT ac80 5775MHz Ant1





D.6 Duty Cycle

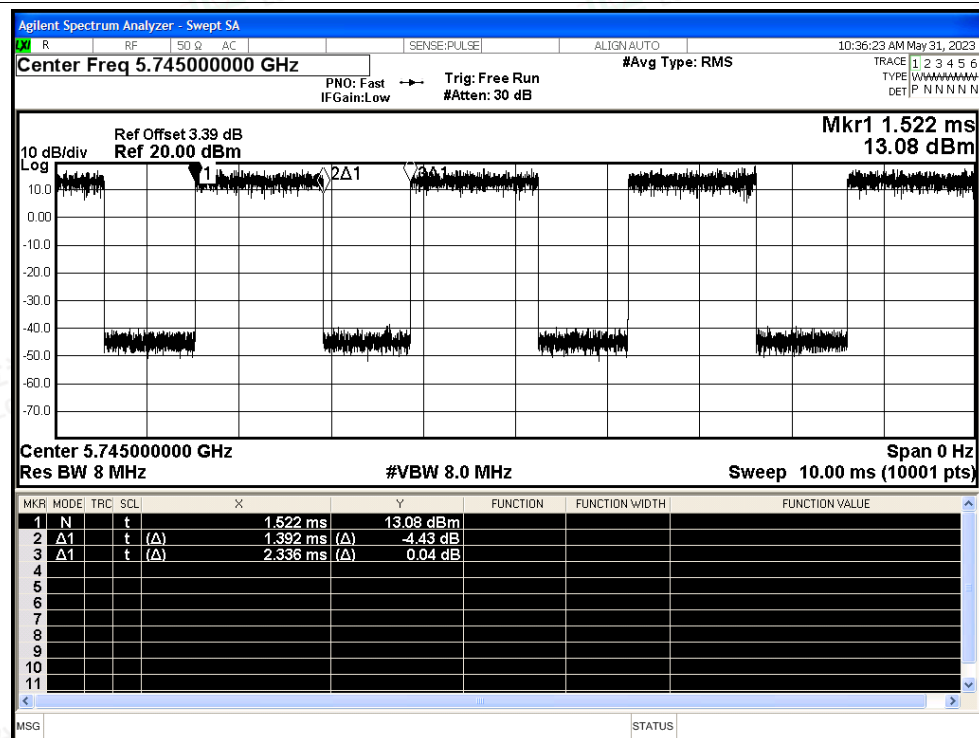
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant0	59.59	2.25	0.72
NVNT	a	5785	Ant0	71.42	1.46	0.72
NVNT	a	5825	Ant0	58.28	2.34	0.72
NVNT	n20	5745	Ant0	54.89	2.61	0.77
NVNT	n20	5785	Ant0	56.61	2.47	0.77
NVNT	n20	5825	Ant0	55.06	2.59	0.77
NVNT	n40	5755	Ant0	56.23	2.5	1.55
NVNT	n40	5795	Ant0	39.28	4.06	1.55
NVNT	ac20	5745	Ant0	56.94	2.45	0.76
NVNT	ac20	5785	Ant0	55.47	2.56	0.76
NVNT	ac20	5825	Ant0	57.39	2.41	0.76
NVNT	ac40	5755	Ant0	40.17	3.96	1.53
NVNT	ac40	5795	Ant0	39.73	4.01	1.53
NVNT	ac80	5775	Ant0	23.48	6.29	3.08



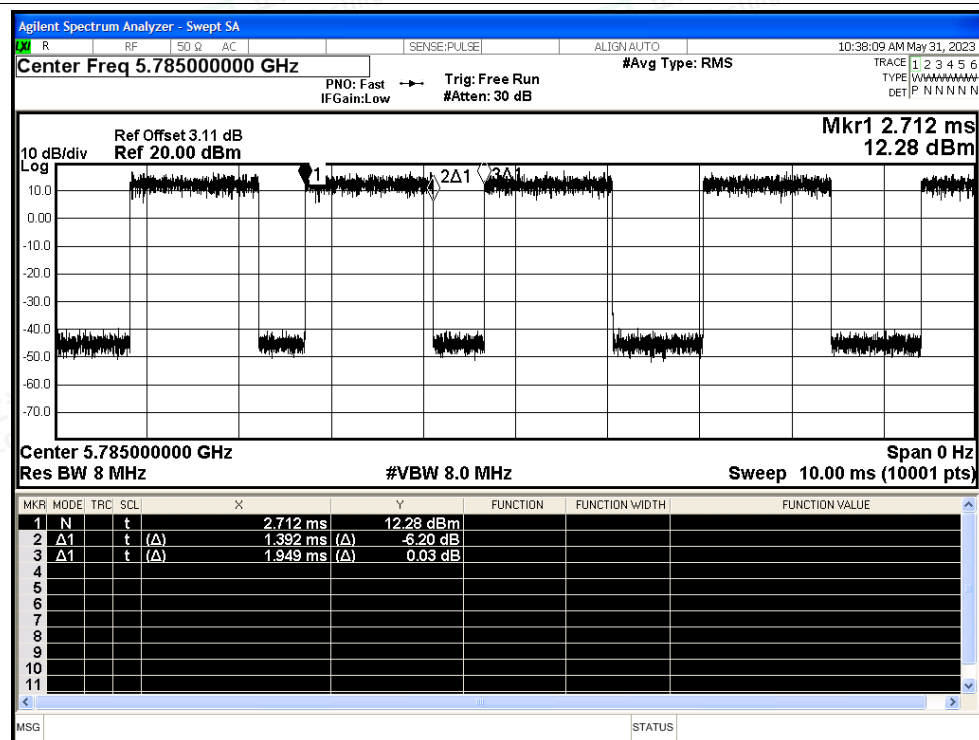


Test Graphs

Duty Cycle NVNT a 5745MHz Ant0

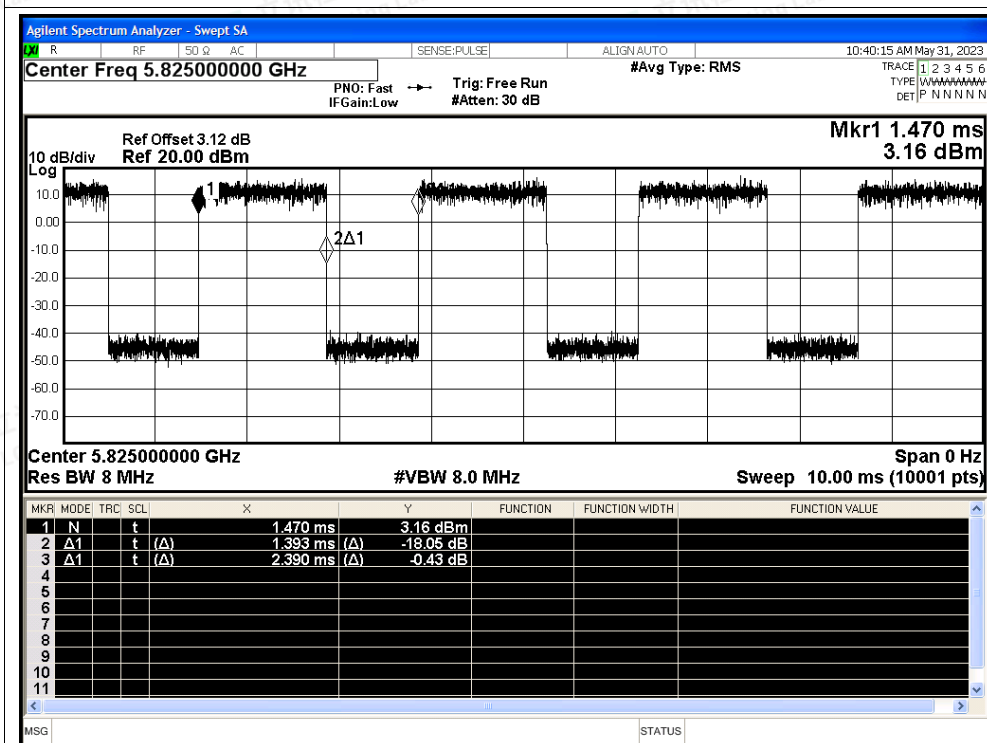


Duty Cycle NVNT a 5785MHz Ant0

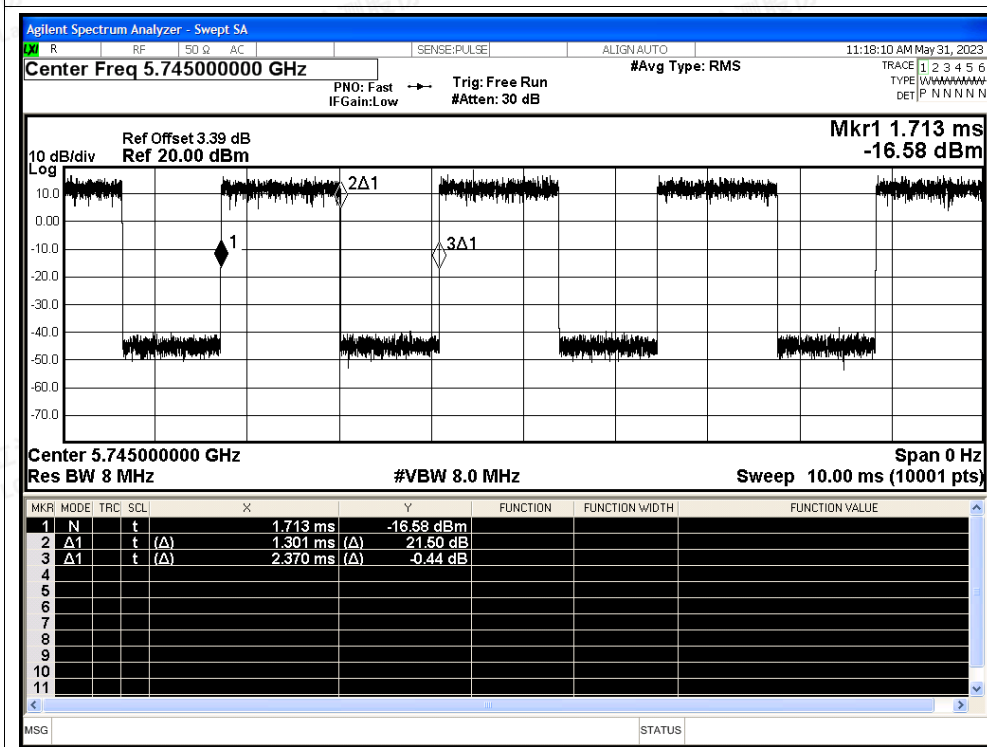




Duty Cycle NVNT a 5825MHz Ant0

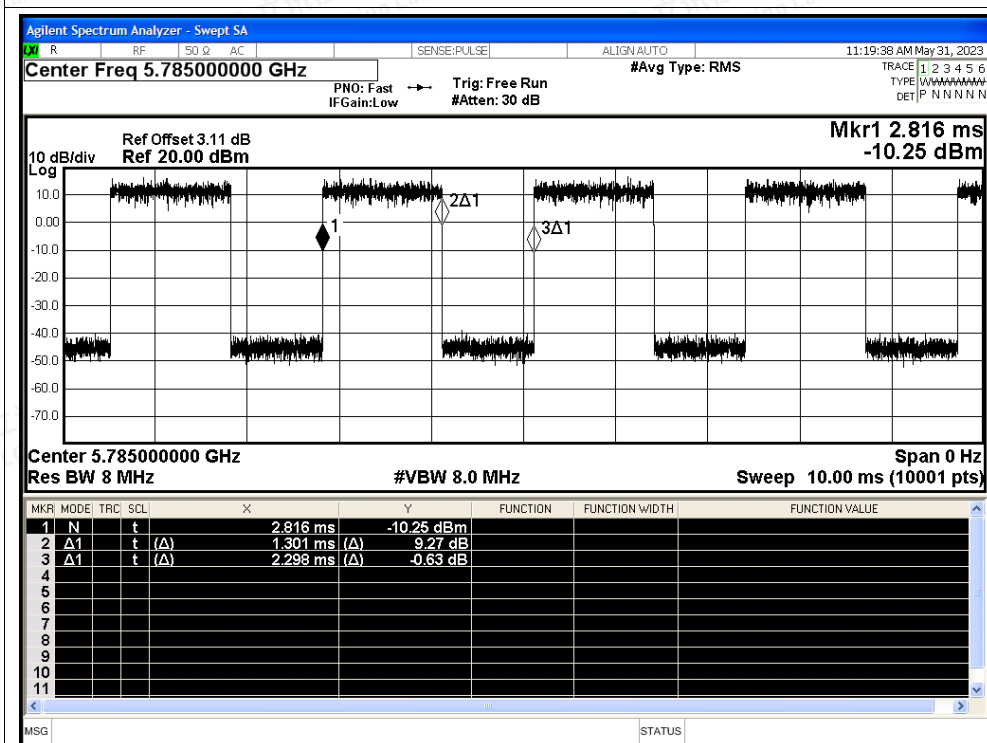


Duty Cycle NVNT n20 5745MHz Ant0

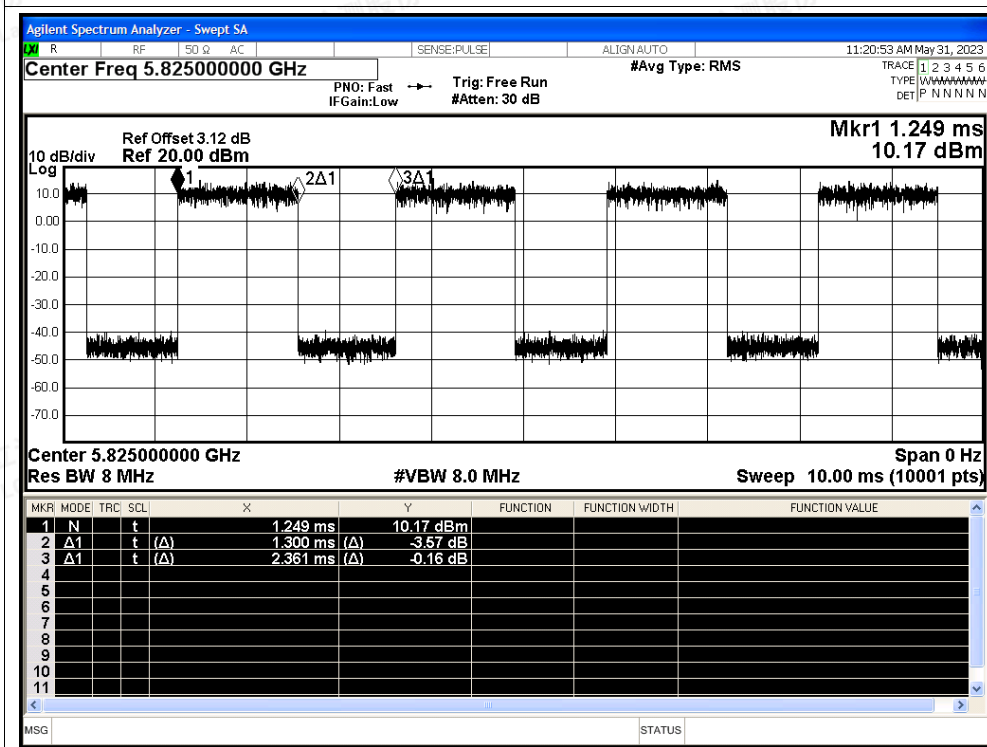




Duty Cycle NVNT n20 5785MHz Ant0

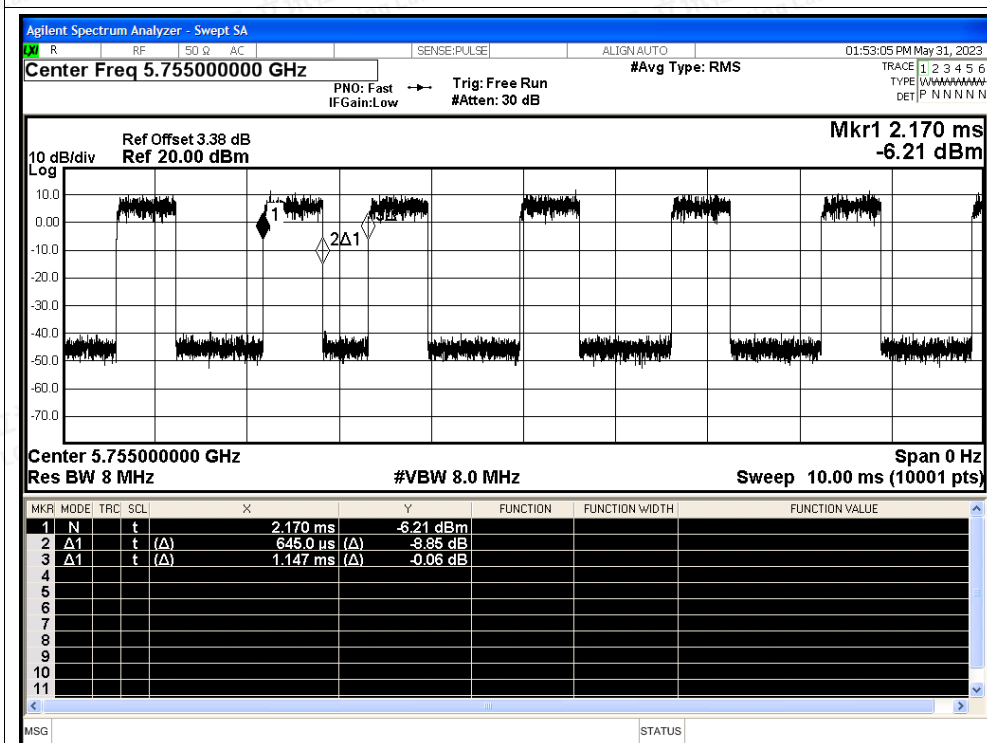


Duty Cycle NVNT n20 5825MHz Ant0

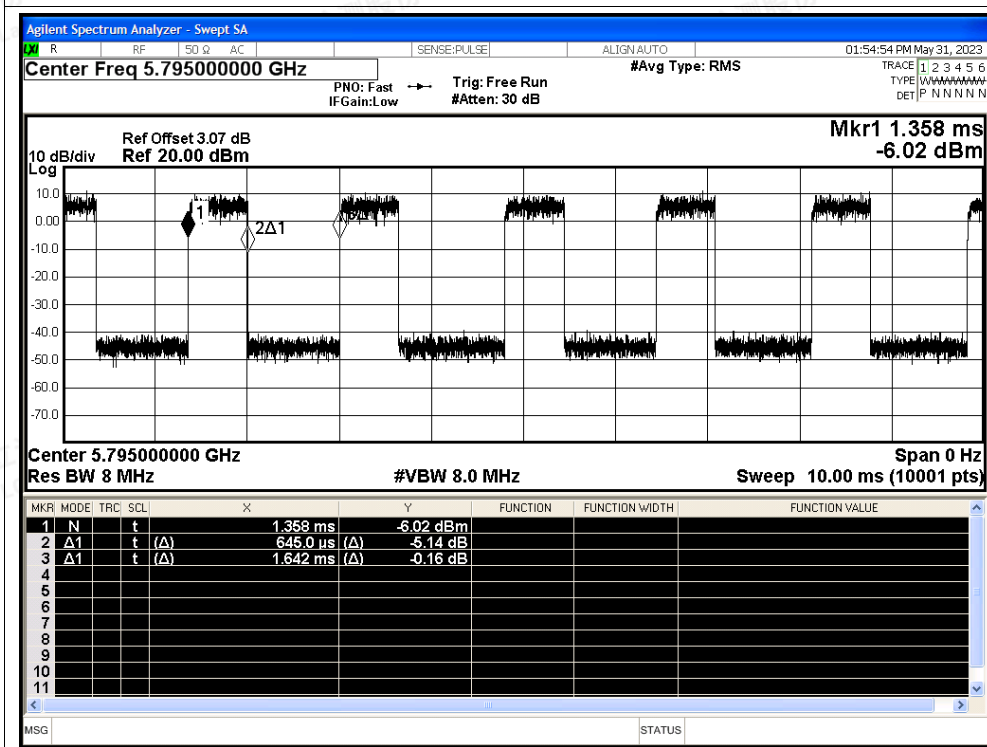




Duty Cycle NVNT n40 5755MHz Ant0

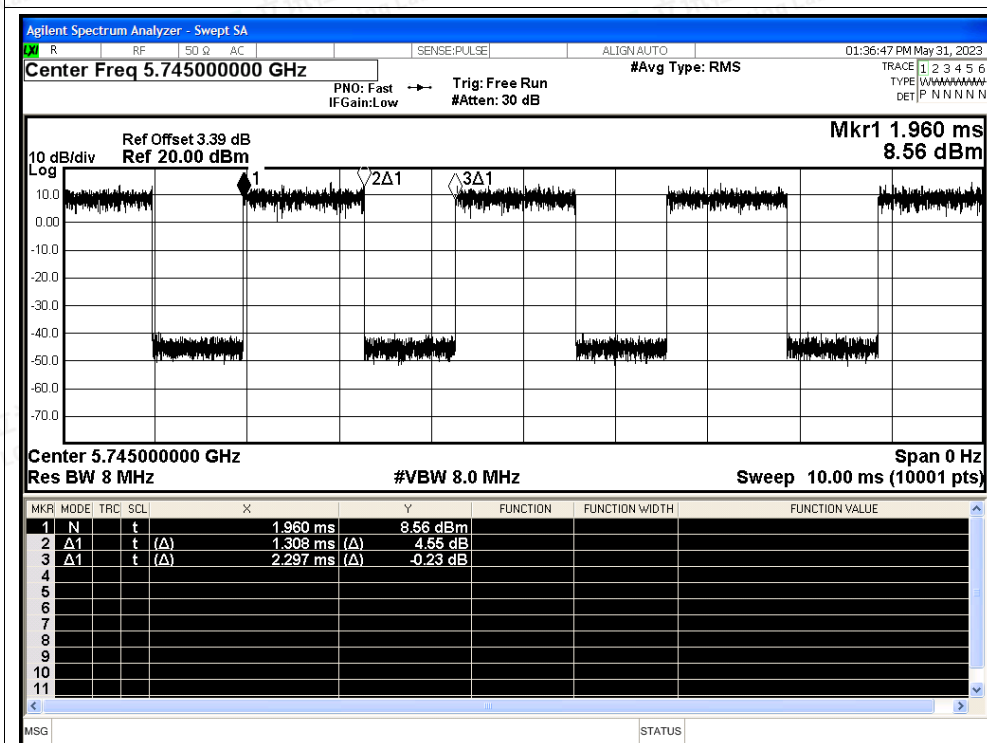


Duty Cycle NVNT n40 5795MHz Ant0

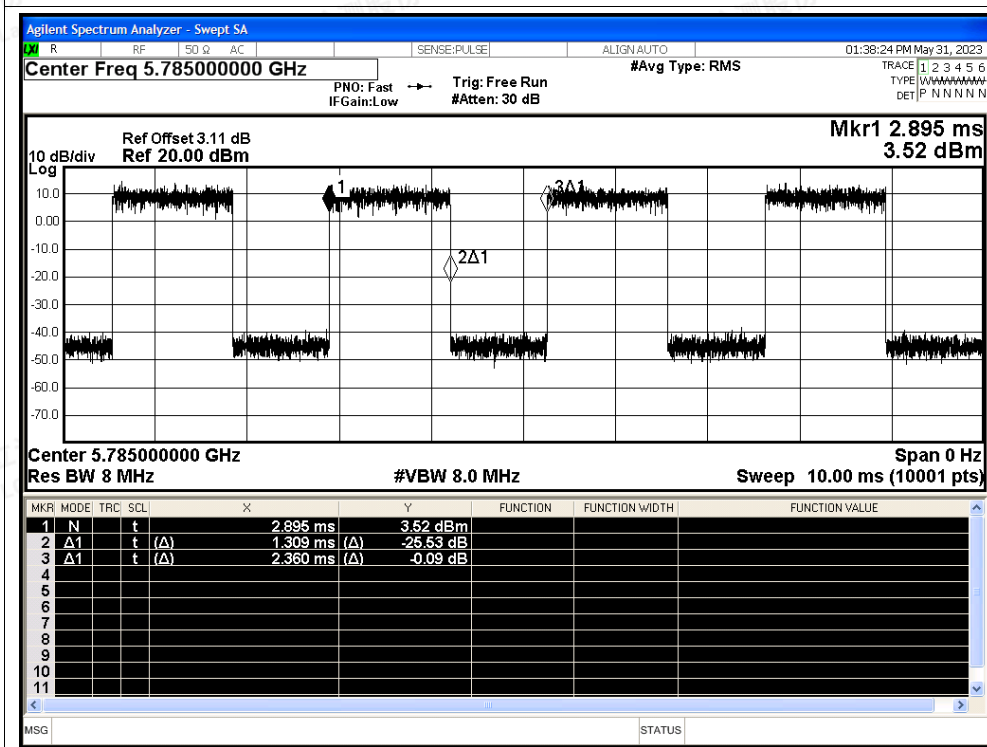




Duty Cycle NVNT ac20 5745MHz Ant0

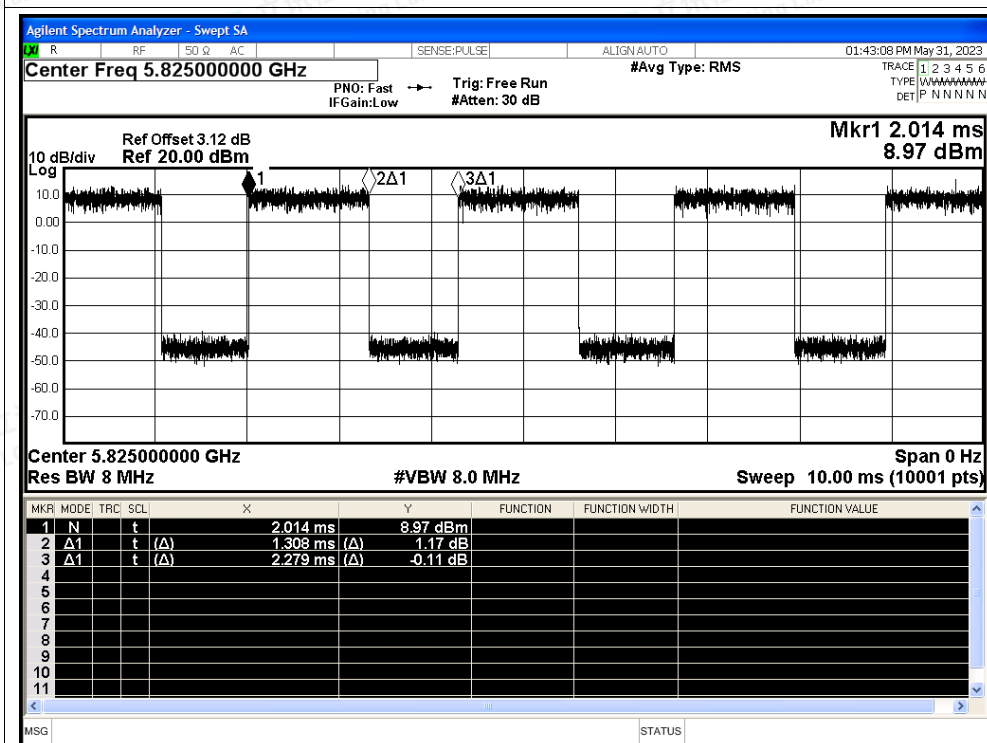


Duty Cycle NVNT ac20 5785MHz Ant0

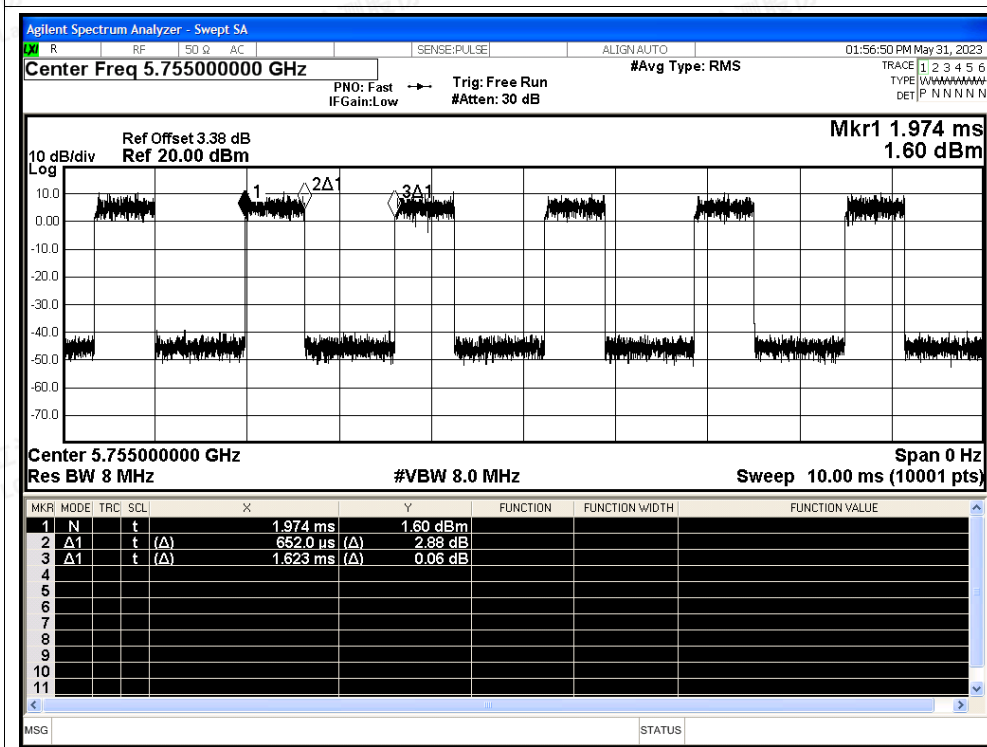




Duty Cycle NVNT ac20 5825MHz Ant0

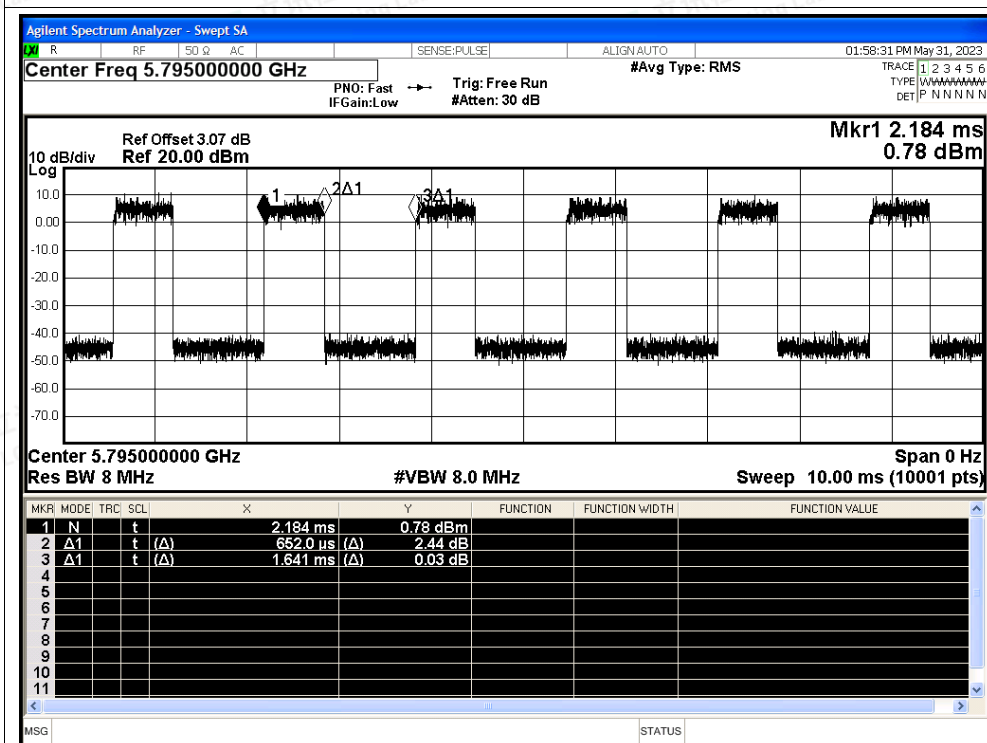


Duty Cycle NVNT ac40 5755MHz Ant0

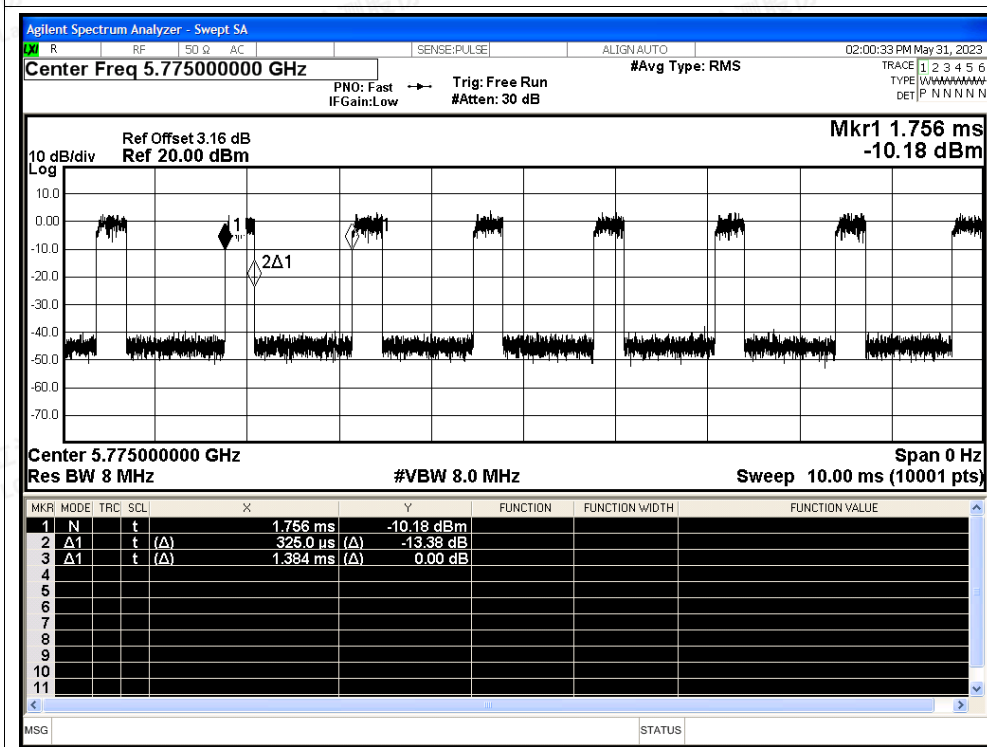




Duty Cycle NVNT ac40 5795MHz Ant0



Duty Cycle NVNT ac80 5775MHz Ant0





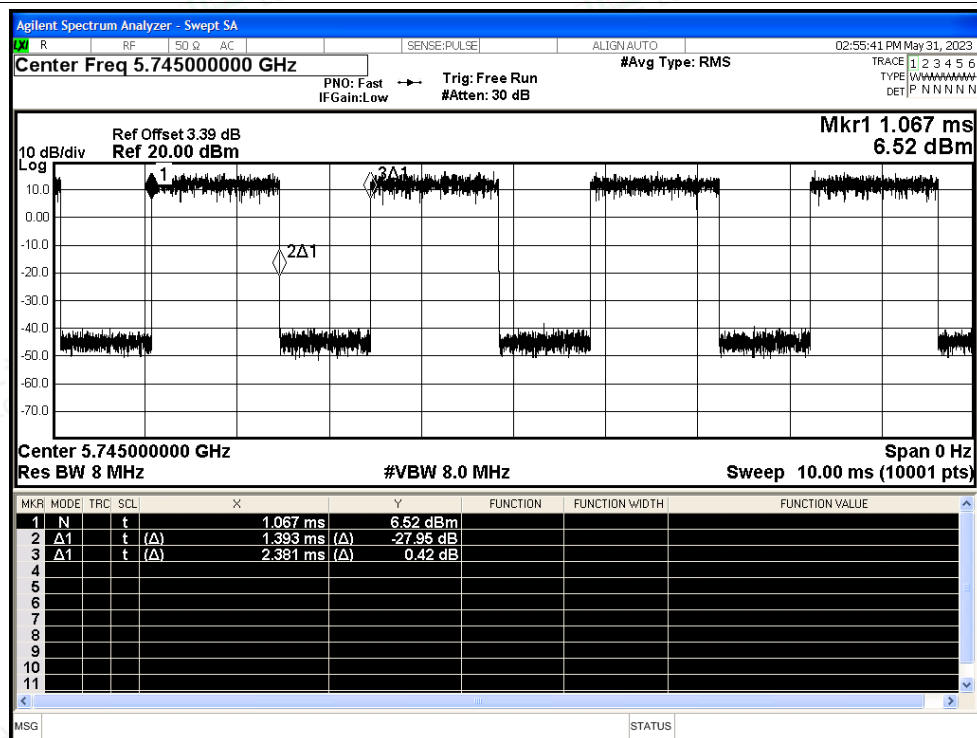
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	58.5	2.33	0.72
NVNT	a	5785	Ant1	58.73	2.31	0.72
NVNT	a	5825	Ant1	56.58	2.47	0.72
NVNT	n20	5745	Ant1	57.29	2.42	0.77
NVNT	n20	5785	Ant1	54.85	2.61	0.77
NVNT	n20	5825	Ant1	57.06	2.44	0.77
NVNT	n40	5755	Ant1	37.81	4.22	1.55
NVNT	n40	5795	Ant1	37.57	4.25	1.55
NVNT	ac20	5745	Ant1	55	2.6	0.76
NVNT	ac20	5785	Ant1	55.05	2.59	0.76
NVNT	ac20	5825	Ant1	55.26	2.58	0.76
NVNT	ac40	5755	Ant1	39.73	4.01	1.53
NVNT	ac40	5795	Ant1	39.73	4.01	1.53
NVNT	ac80	5775	Ant1	24.7	6.07	3.09



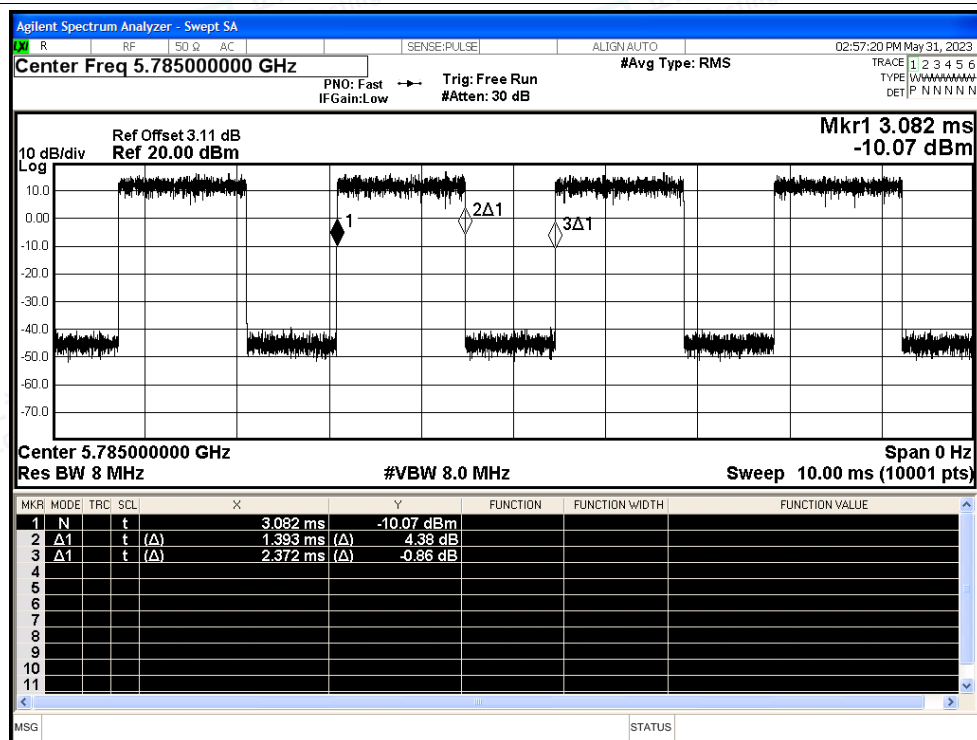


Test Graphs

Duty Cycle NVNT a 5745MHz Ant1

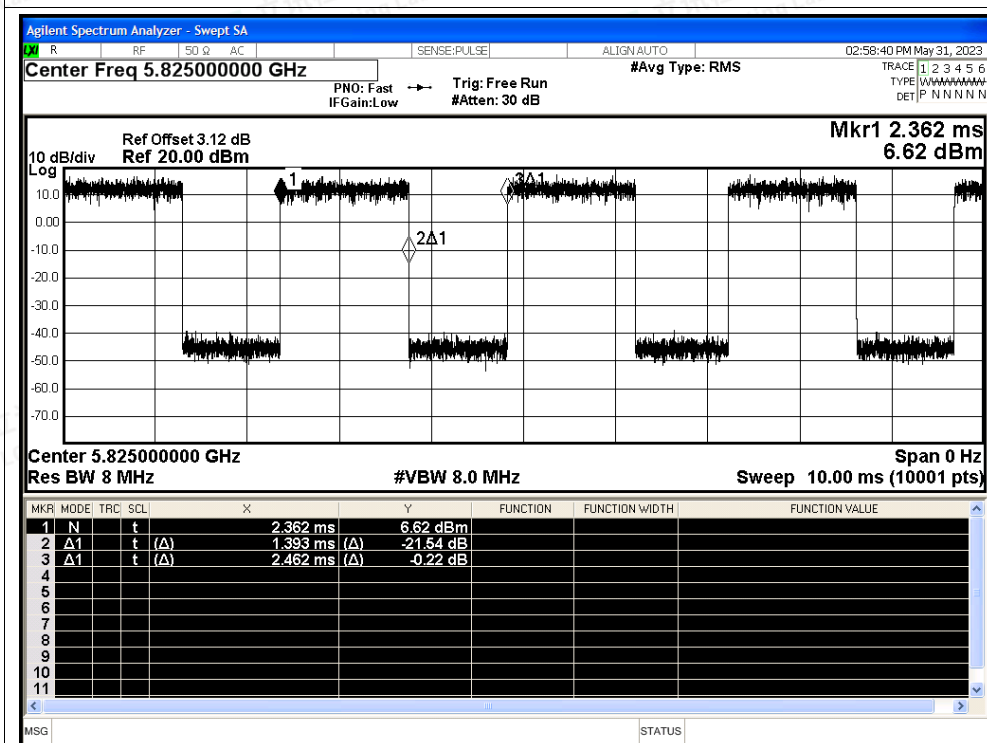


Duty Cycle NVNT a 5785MHz Ant1

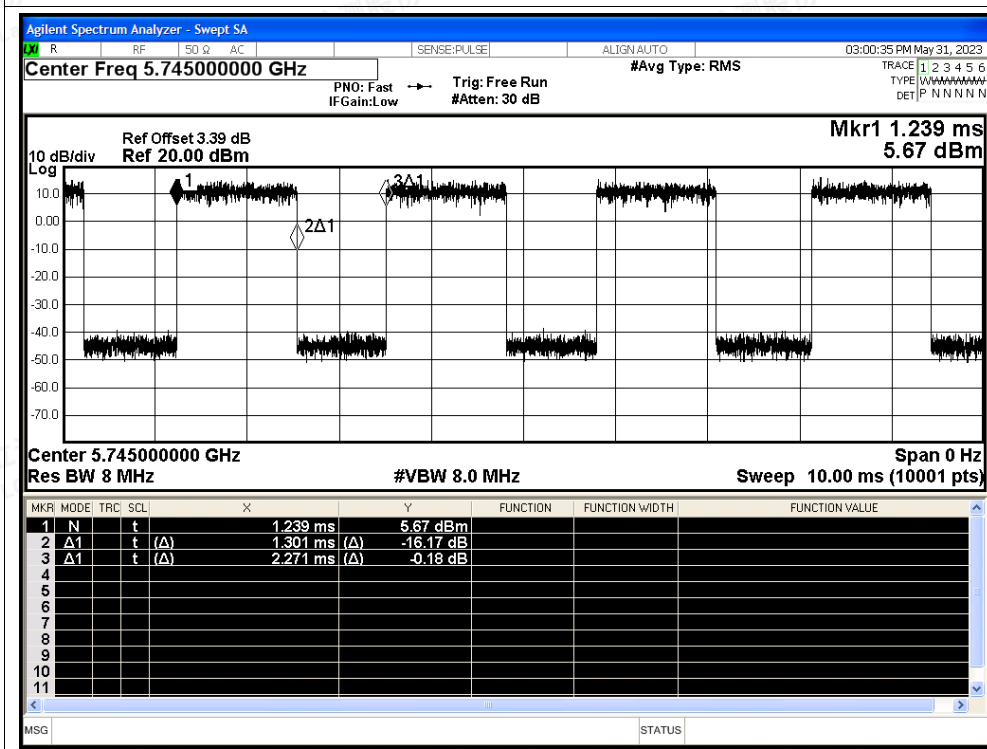




Duty Cycle NVNT a 5825MHz Ant1

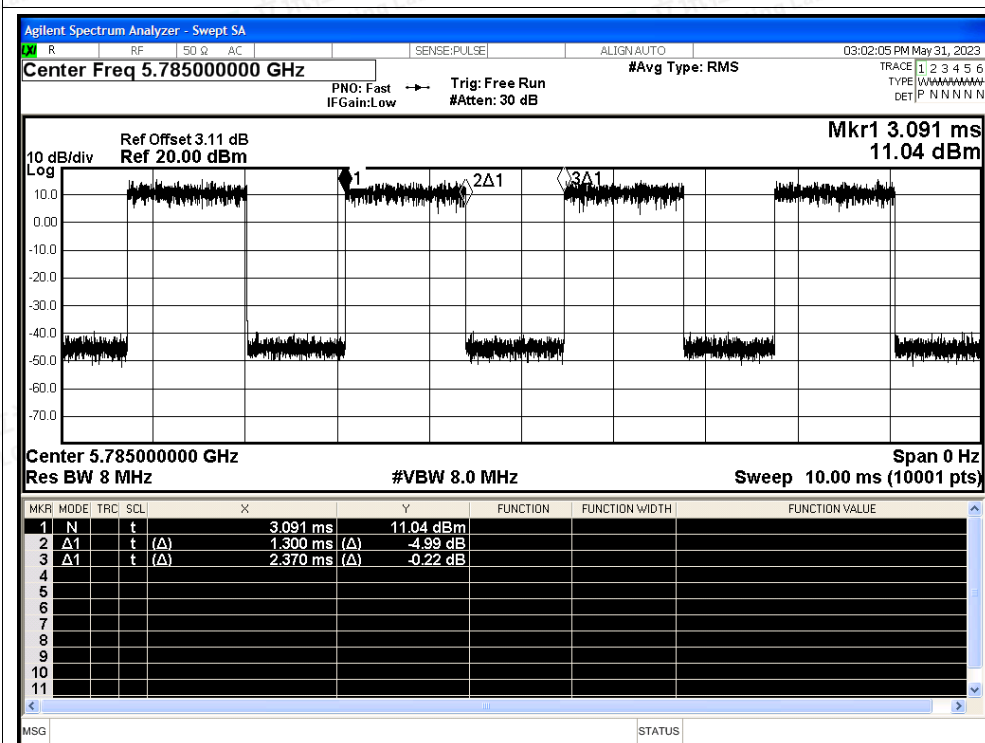


Duty Cycle NVNT n20 5745MHz Ant1

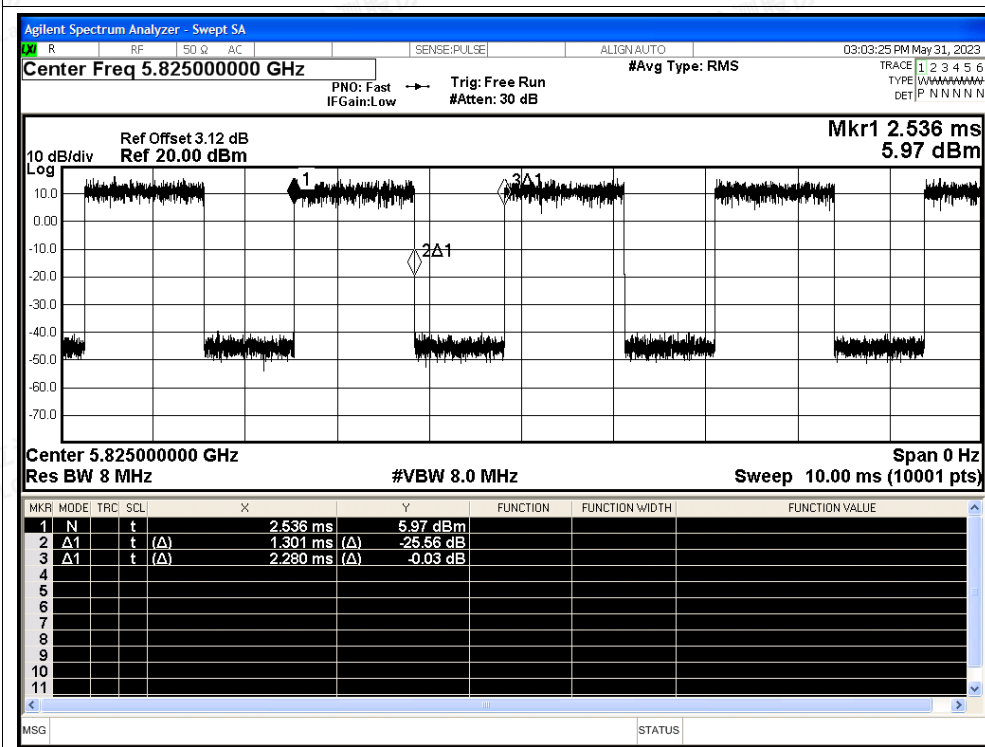




Duty Cycle NVNT n20 5785MHz Ant1

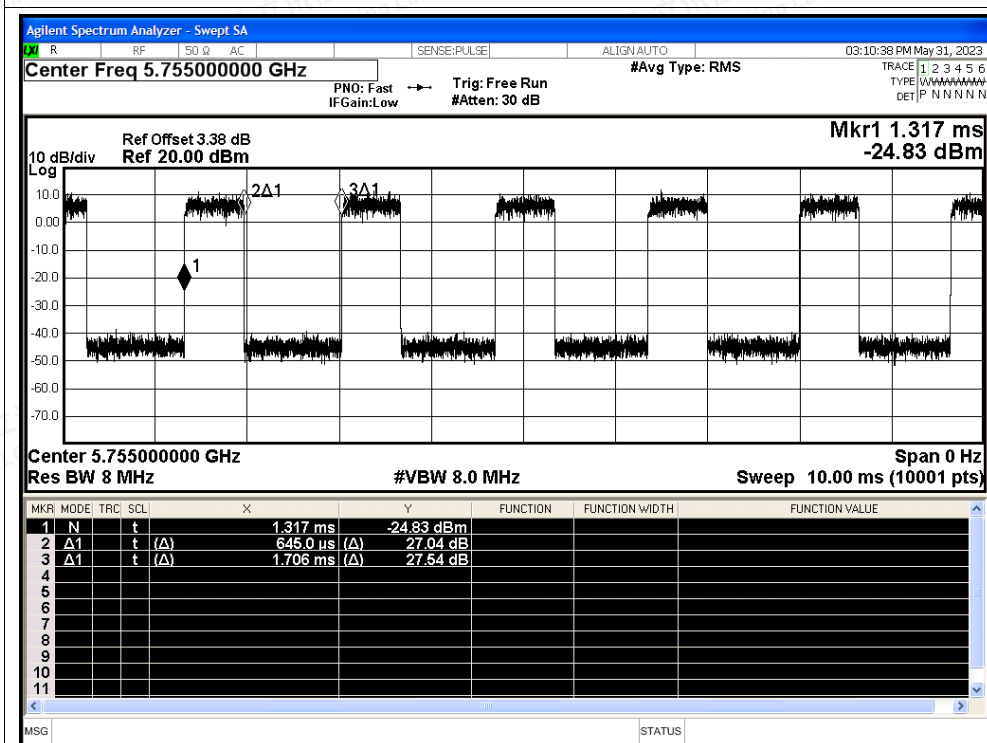


Duty Cycle NVNT n20 5825MHz Ant1

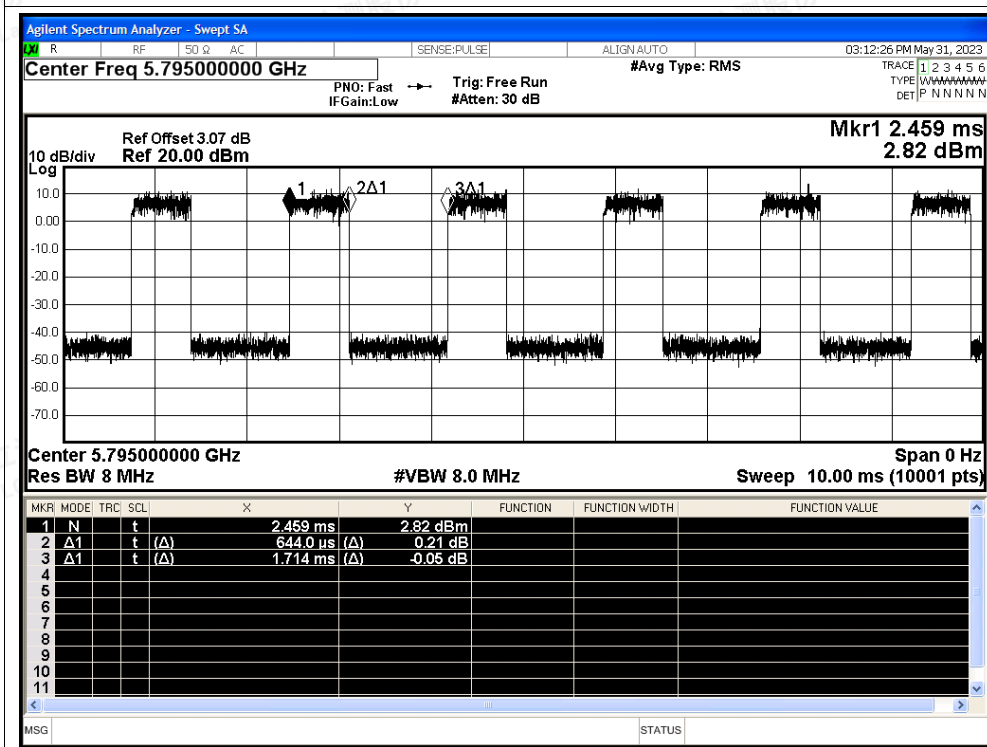




Duty Cycle NVNT n40 5755MHz Ant1

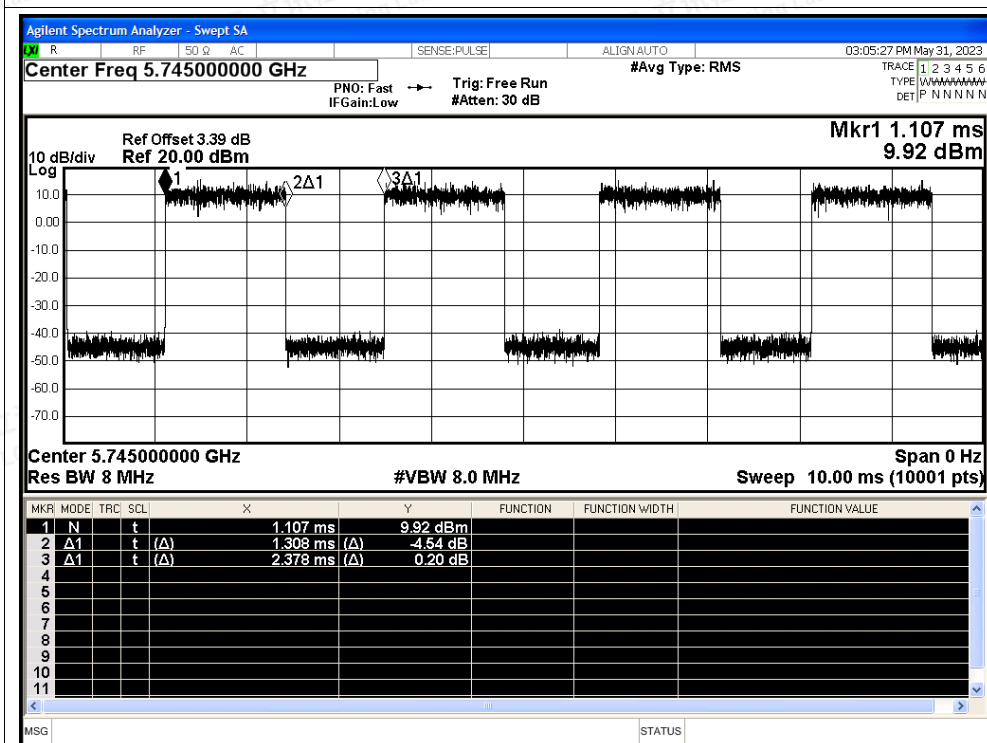


Duty Cycle NVNT n40 5795MHz Ant1

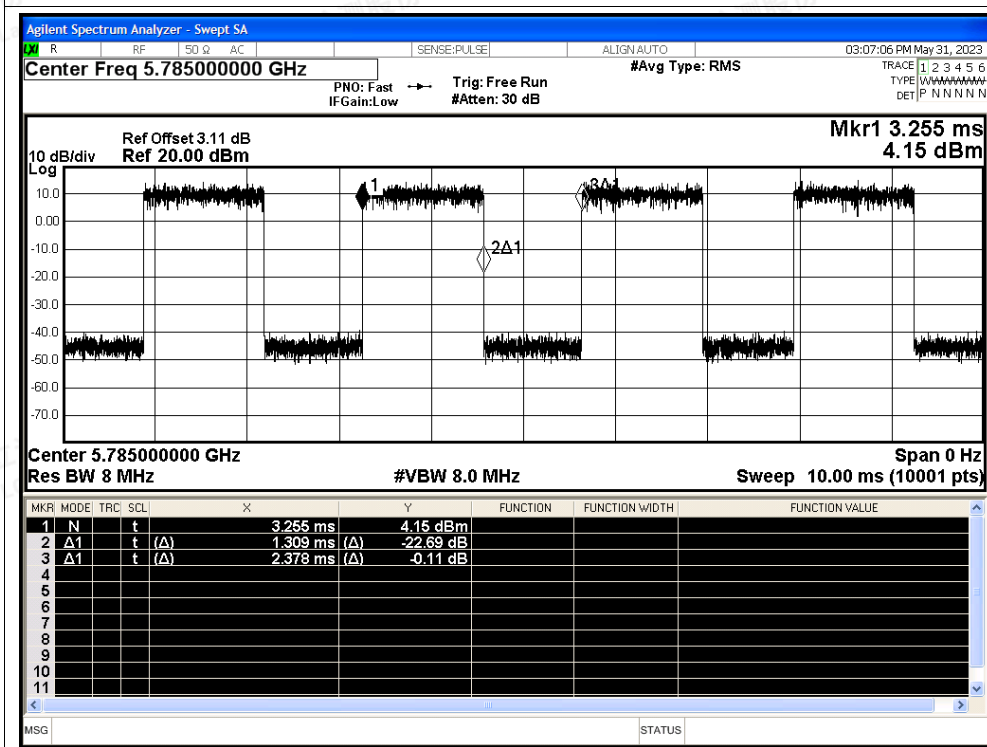




Duty Cycle NVNT ac20 5745MHz Ant1

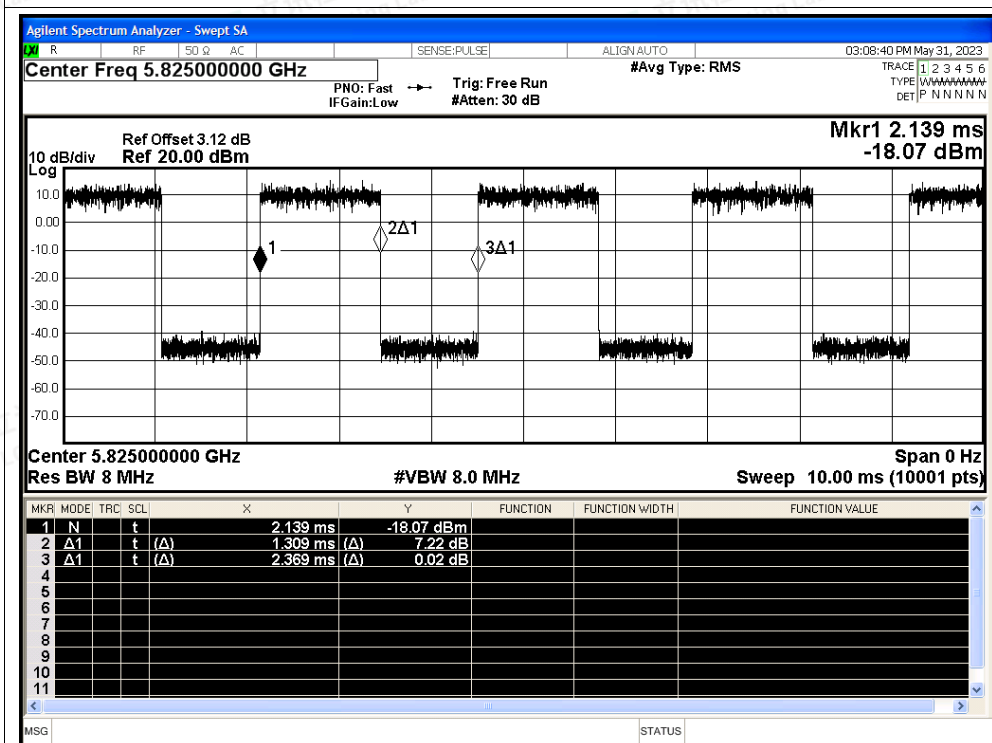


Duty Cycle NVNT ac20 5785MHz Ant1

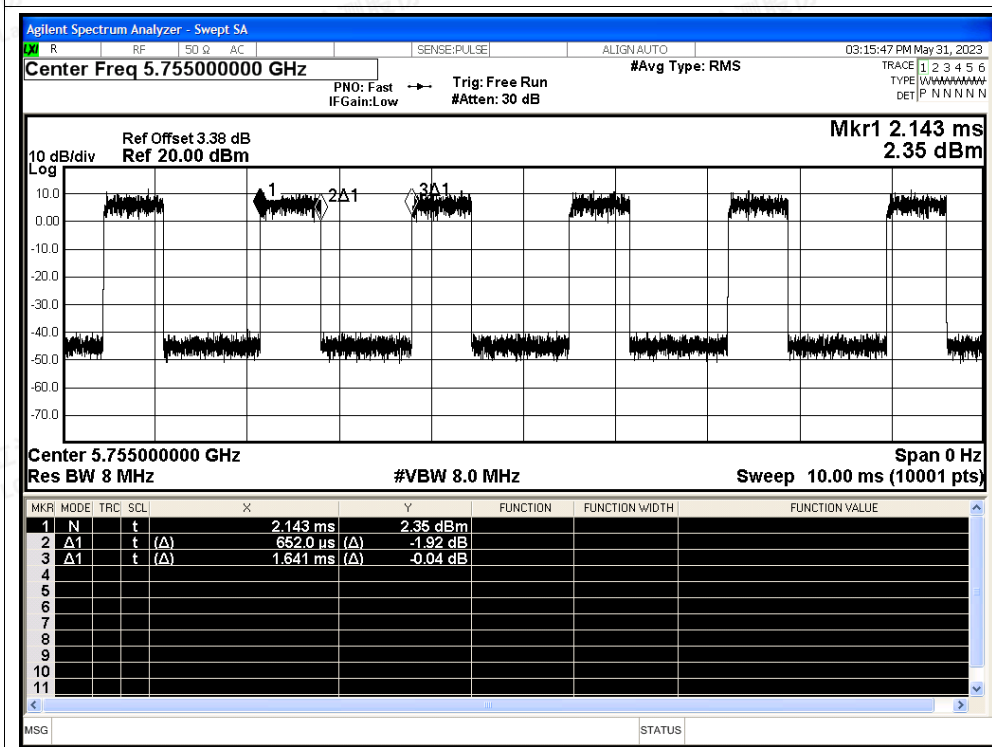




Duty Cycle NVNT ac20 5825MHz Ant1

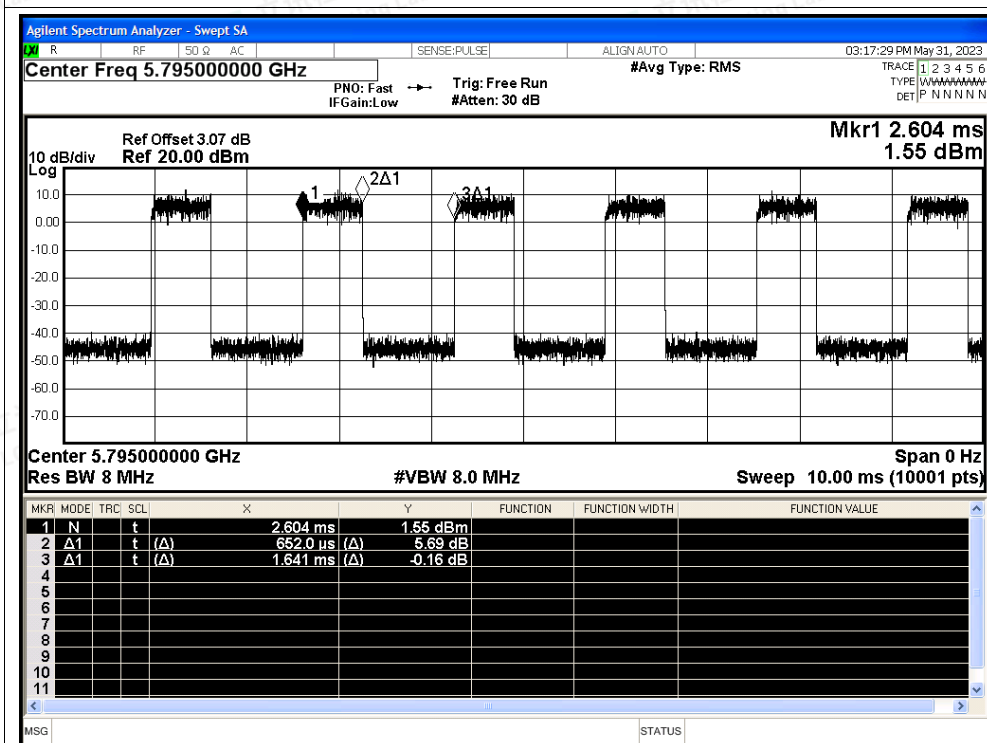


Duty Cycle NVNT ac40 5755MHz Ant1





Duty Cycle NVNT ac40 5795MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant1

