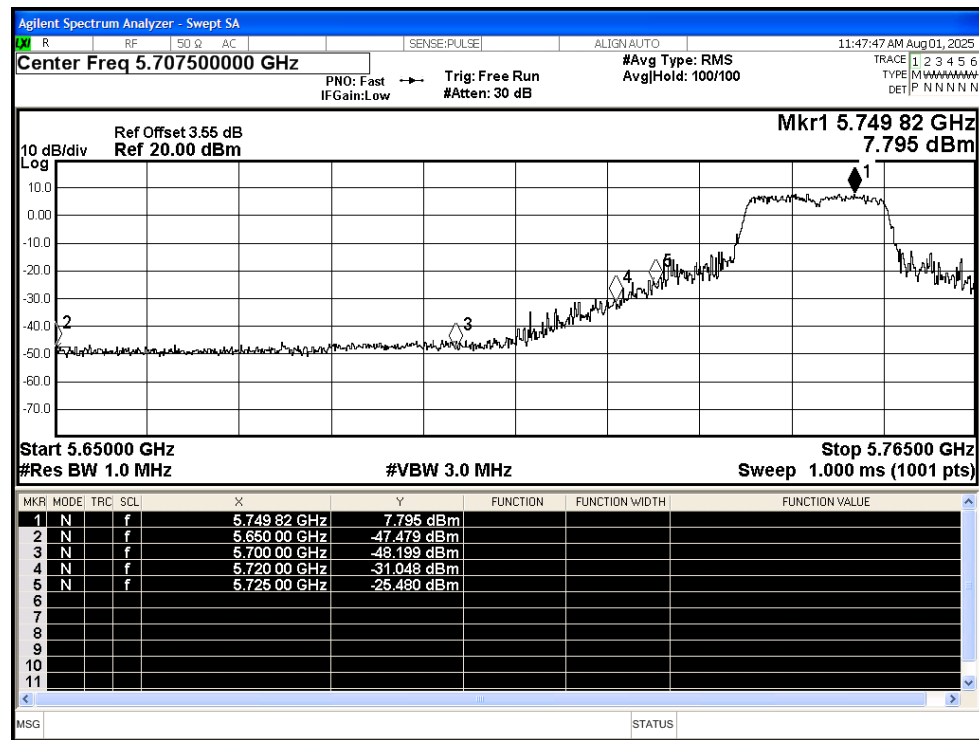
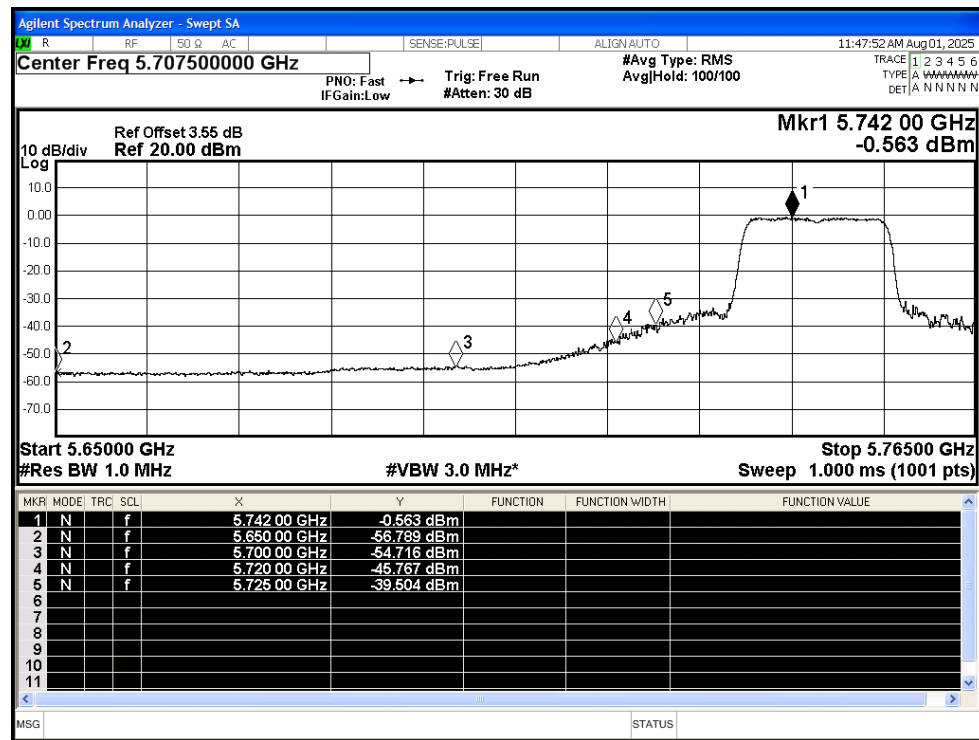


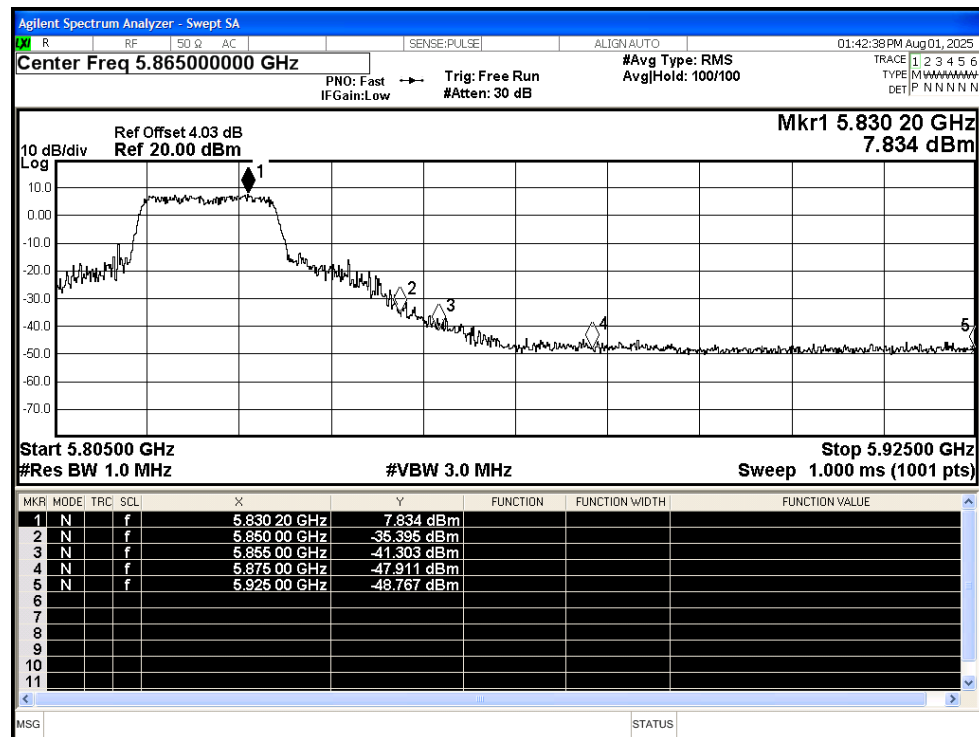
Restrict Band NVNT ax20 5745MHz Ant2 Peak



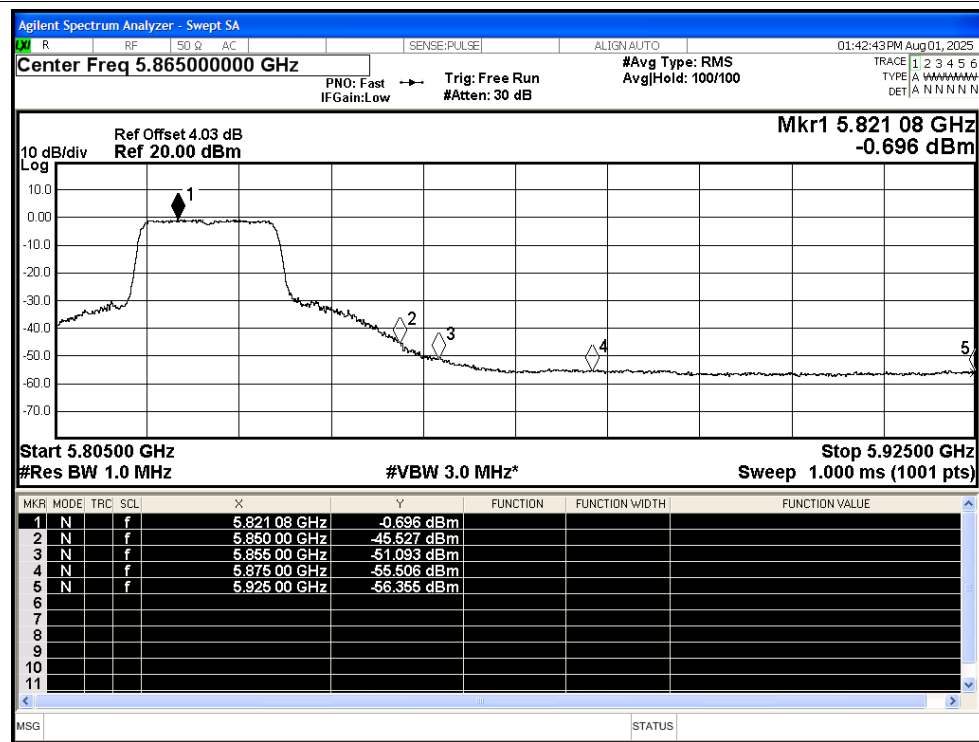
Restrict Band NVNT ax20 5745MHz Ant2 Average



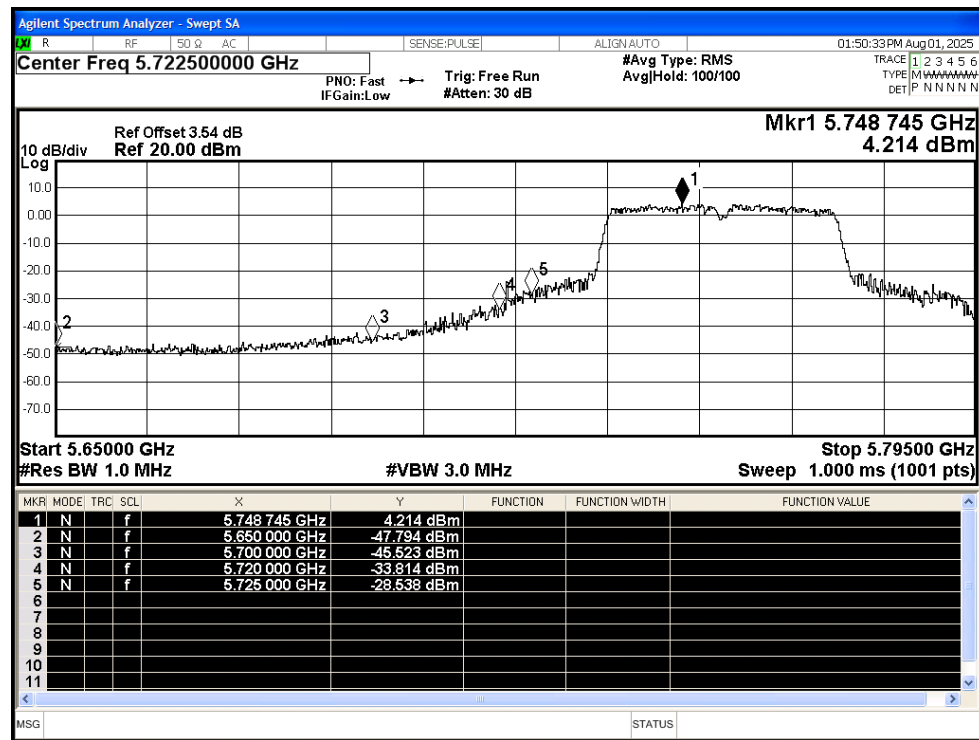
Restrict Band NVNT ax20 5825MHz Ant2 Peak



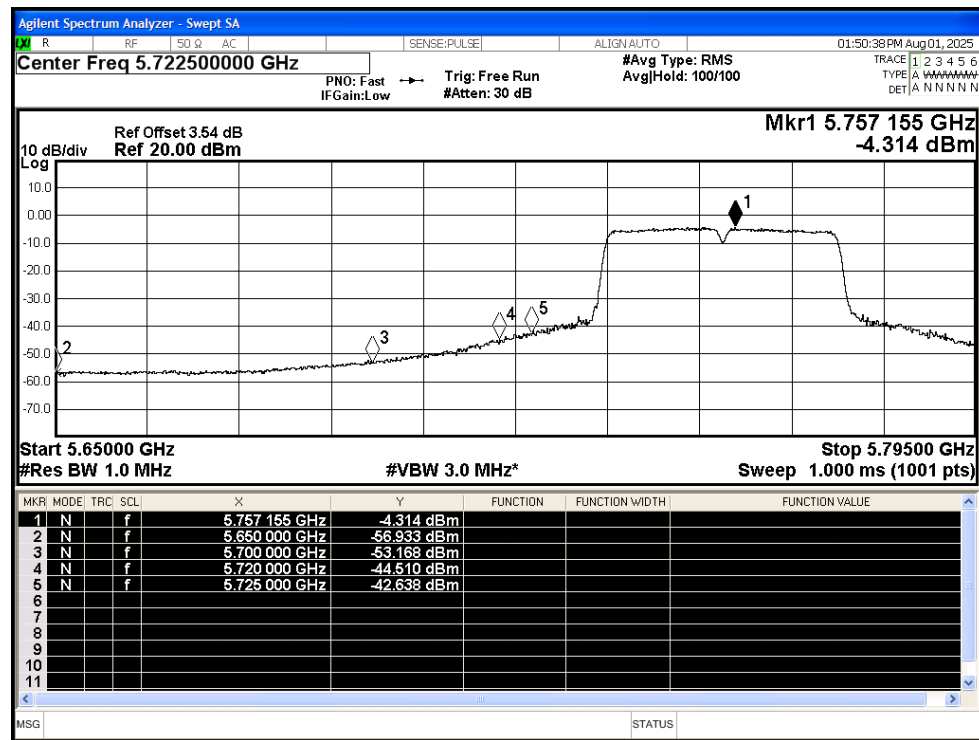
Restrict Band NVNT ax20 5825MHz Ant2 Average



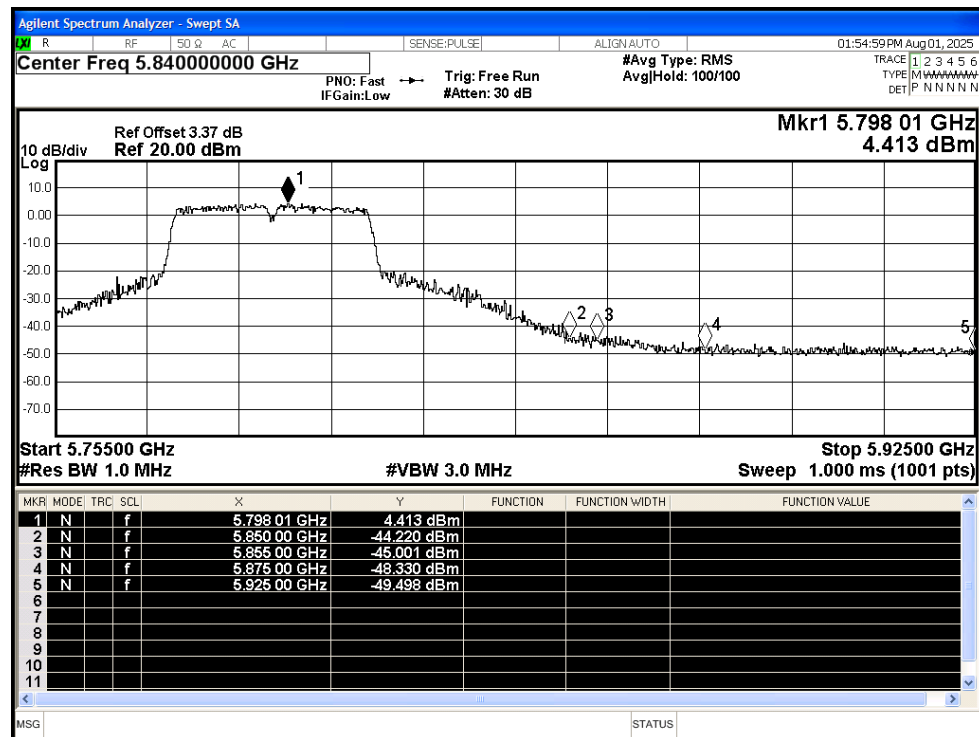
Restrict Band NVNT ax40 5755MHz Ant2 Peak



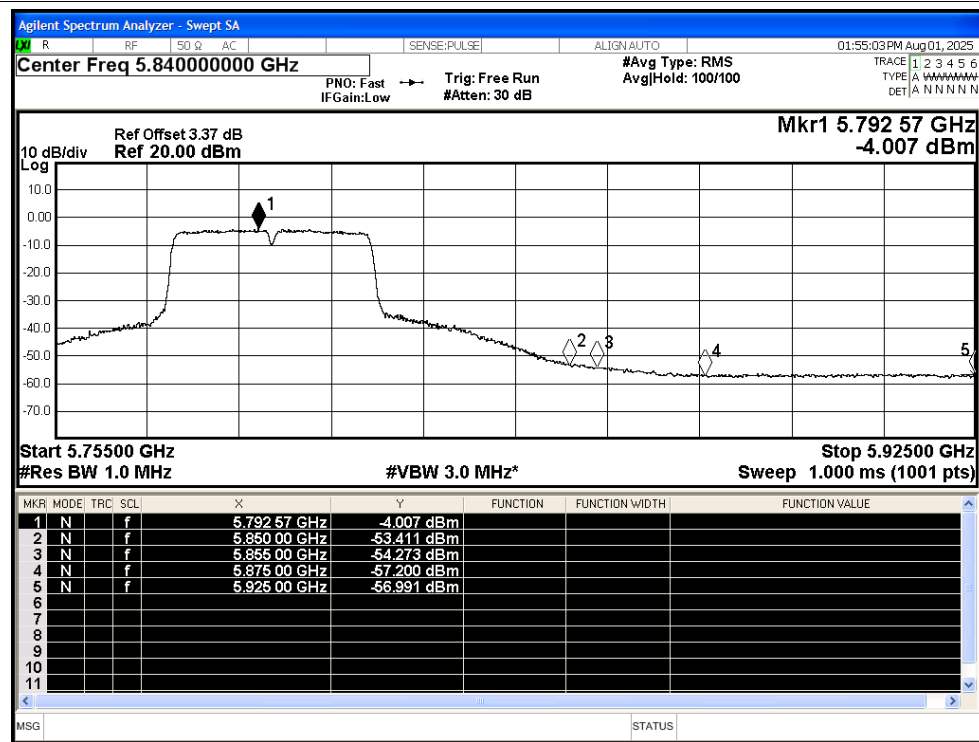
Restrict Band NVNT ax40 5755MHz Ant2 Average



Restrict Band NVNT ax40 5795MHz Ant2 Peak



Restrict Band NVNT ax40 5795MHz Ant2 Average



MIMO

Condition	Mode	Frequency (MHz)	Ant1 Power (dBm)	Ant2 Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	n20	5650	-46.83	-48.58	6.41	-38.20	Peak	-27	Pass
NVNT	n20	5650	-56.69	-57.05	6.41	-47.45	Average	-27	Pass
NVNT	n20	5700	-46.96	-45.34	6.41	-36.65	Peak	10	Pass
NVNT	n20	5700	-55.16	-54.81	6.41	-45.56	Average	10	Pass
NVNT	n20	5720	-32.2	-30.31	6.41	-21.73	Peak	15.6	Pass
NVNT	n20	5720	-45.13	-45.01	6.41	-35.65	Average	15.6	Pass
NVNT	n20	5725	-23.22	-24.45	6.41	-14.37	Peak	27	Pass
NVNT	n20	5725	-37.89	-40.3	6.41	-29.51	Average	27	Pass
NVNT	n20	5850	-36.47	-35.51	6.41	-26.54	Peak	27	Pass
NVNT	n20	5850	-45.8	-46.3	6.41	-36.62	Average	27	Pass
NVNT	n20	5855	-38.93	-38.1	6.41	-29.07	Peak	15.6	Pass
NVNT	n20	5855	-51.35	-52.07	6.41	-42.27	Average	15.6	Pass
NVNT	n20	5875	-47.45	-47.83	6.41	-38.22	Peak	10	Pass
NVNT	n20	5875	-55.38	-54.96	6.41	-45.74	Average	10	Pass
NVNT	n20	5925	-46.91	-47.6	6.41	-37.82	Peak	-27	Pass
NVNT	n20	5925	-55.78	-55.7	6.41	-46.32	Average	-27	Pass
NVNT	n40	5650	-48.31	-49.44	6.41	-39.42	Peak	-27	Pass
NVNT	n40	5650	-56.11	-56.9	6.41	-47.07	Average	-27	Pass
NVNT	n40	5700	-46.39	-44.39	6.41	-35.86	Peak	10	Pass
NVNT	n40	5700	-54.26	-53.24	6.41	-44.30	Average	10	Pass
NVNT	n40	5720	-31.57	-33.64	6.41	-23.06	Peak	15.6	Pass
NVNT	n40	5720	-42.94	-45.38	6.41	-34.57	Average	15.6	Pass
NVNT	n40	5725	-27.97	-28.24	6.41	-18.68	Peak	27	Pass
NVNT	n40	5725	-41.78	-42.95	6.41	-32.91	Average	27	Pass
NVNT	n40	5850	-46.61	-44.44	6.41	-35.97	Peak	27	Pass
NVNT	n40	5850	-56.07	-53.23	6.41	-45.00	Average	27	Pass
NVNT	n40	5855	-48.83	-45.88	6.41	-37.69	Peak	15.6	Pass
NVNT	n40	5855	-56.48	-54.64	6.41	-46.04	Average	15.6	Pass
NVNT	n40	5875	-50.78	-49.29	6.41	-40.55	Peak	10	Pass
NVNT	n40	5875	-57.64	-57.33	6.41	-48.06	Average	10	Pass
NVNT	n40	5925	-49.84	-49.48	6.41	-40.24	Peak	-27	Pass
NVNT	n40	5925	-57.63	-57.4	6.41	-48.09	Average	-27	Pass
NVNT	ac20	5650	-49.16	-49.14	6.41	-39.73	Peak	-27	Pass
NVNT	ac20	5650	-56.97	-56.99	6.41	-47.56	Average	-27	Pass
NVNT	ac20	5700	-45.78	-47.11	6.41	-36.97	Peak	10	Pass
NVNT	ac20	5700	-54.06	-54.83	6.41	-45.01	Average	10	Pass
NVNT	ac20	5720	-28.51	-28.48	6.41	-19.07	Peak	15.6	Pass
NVNT	ac20	5720	-44.53	-47.62	6.41	-36.39	Average	15.6	Pass
NVNT	ac20	5725	-23.49	-24.52	6.41	-14.55	Peak	27	Pass
NVNT	ac20	5725	-40.87	-40.88	6.41	-31.45	Average	27	Pass

NVNT	ac20	5850	-33.03	-33.77	6.41	-23.96	Peak	27	Pass
NVNT	ac20	5850	-45.25	-46	6.41	-36.19	Average	27	Pass
NVNT	ac20	5855	-37.58	-40.96	6.41	-29.53	Peak	15.6	Pass
NVNT	ac20	5855	-52.17	-50.93	6.41	-42.09	Average	15.6	Pass
NVNT	ac20	5875	-47.32	-46.81	6.41	-37.64	Peak	10	Pass
NVNT	ac20	5875	-55.26	-55.34	6.41	-45.88	Average	10	Pass
NVNT	ac20	5925	-48.27	-48.62	6.41	-39.02	Peak	-27	Pass
NVNT	ac20	5925	-56.05	-55.59	6.41	-46.39	Average	-27	Pass
NVNT	ac40	5650	-49.06	-49.76	6.41	-39.98	Peak	-27	Pass
NVNT	ac40	5650	-56.25	-57.28	6.41	-47.31	Average	-27	Pass
NVNT	ac40	5700	-45.59	-44.22	6.41	-35.43	Peak	10	Pass
NVNT	ac40	5700	-53.6	-52.68	6.41	-43.70	Average	10	Pass
NVNT	ac40	5720	-32.69	-34.71	6.41	-24.16	Peak	15.6	Pass
NVNT	ac40	5720	-44.39	-44.82	6.41	-35.18	Average	15.6	Pass
NVNT	ac40	5725	-28.69	-28.67	6.41	-19.26	Peak	27	Pass
NVNT	ac40	5725	-40.6	-43.5	6.41	-32.39	Average	27	Pass
NVNT	ac40	5850	-46.47	-41.65	6.41	-34.00	Peak	27	Pass
NVNT	ac40	5850	-55.65	-52.96	6.41	-44.68	Average	27	Pass
NVNT	ac40	5855	-48.65	-45.53	6.41	-37.40	Peak	15.6	Pass
NVNT	ac40	5855	-55.83	-54.32	6.41	-45.59	Average	15.6	Pass
NVNT	ac40	5875	-50.47	-48.92	6.41	-40.21	Peak	10	Pass
NVNT	ac40	5875	-57.47	-56.88	6.41	-47.74	Average	10	Pass
NVNT	ac40	5925	-48.24	-49.13	6.41	-39.24	Peak	-27	Pass
NVNT	ax20	5925	-57.21	-57.26	6.41	-47.81	Average	-27	Pass
NVNT	ax20	5650	-48.25	-47.48	6.41	-38.43	Peak	-27	Pass
NVNT	ax20	5650	-57.3	-56.79	6.41	-47.62	Average	-27	Pass
NVNT	ax20	5700	-45.18	-48.2	6.41	-37.01	Peak	10	Pass
NVNT	ax20	5700	-53.72	-54.72	6.41	-44.77	Average	10	Pass
NVNT	ax20	5720	-30.54	-31.05	6.41	-21.37	Peak	15.6	Pass
NVNT	ax20	5720	-45.27	-45.77	6.41	-36.09	Average	15.6	Pass
NVNT	ax20	5725	-23.82	-25.48	6.41	-15.15	Peak	27	Pass
NVNT	ax20	5725	-39.19	-39.5	6.41	-29.92	Average	27	Pass
NVNT	ax20	5850	-33.41	-35.4	6.41	-24.87	Peak	27	Pass
NVNT	ax20	5850	-46.18	-45.53	6.41	-36.42	Average	27	Pass
NVNT	ax20	5855	-39.9	-41.3	6.41	-31.12	Peak	15.6	Pass
NVNT	ax20	5855	-52.64	-51.09	6.41	-42.38	Average	15.6	Pass
NVNT	ax20	5875	-47.37	-47.91	6.41	-38.21	Peak	10	Pass
NVNT	ax20	5875	-54.88	-55.51	6.41	-45.76	Average	10	Pass
NVNT	ax20	5925	-46.7	-48.77	6.41	-38.19	Peak	-27	Pass
NVNT	ax20	5925	-56.3	-56.36	6.41	-46.91	Average	-27	Pass
NVNT	ax40	5650	-49.15	-47.79	6.41	-39.00	Peak	-27	Pass
NVNT	ax40	5650	-56.98	-56.93	6.41	-47.53	Average	-27	Pass
NVNT	ax40	5700	-44.85	-45.52	6.41	-35.75	Peak	10	Pass
NVNT	ax40	5700	-53.25	-53.17	6.41	-43.79	Average	10	Pass

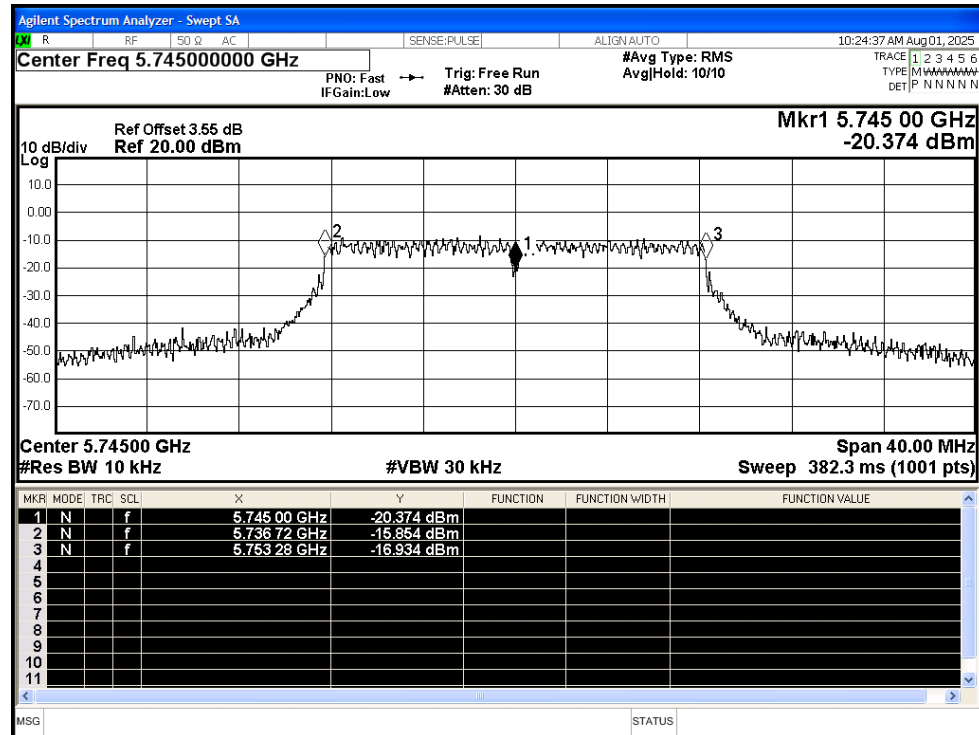
NVNT	ax40	5720	-30.28	-33.81	6.41	-22.28	Peak	15.6	Pass
NVNT	ax40	5720	-45.11	-44.51	6.41	-35.38	Average	15.6	Pass
NVNT	ax40	5725	-23.59	-28.54	6.41	-15.97	Peak	27	Pass
NVNT	ax40	5725	-41.23	-42.64	6.41	-32.46	Average	27	Pass
NVNT	ax40	5850	-45.79	-44.22	6.41	-35.51	Peak	27	Pass
NVNT	ax40	5850	-55.63	-53.41	6.41	-44.96	Average	27	Pass
NVNT	ax40	5855	-47.52	-45	6.41	-36.66	Peak	15.6	Pass
NVNT	ax40	5855	-56.26	-54.27	6.41	-45.73	Average	15.6	Pass
NVNT	ax40	5875	-49.57	-48.33	6.41	-39.49	Peak	10	Pass
NVNT	ax40	5875	-57.05	-57.2	6.41	-47.70	Average	10	Pass
NVNT	ax40	5925	-50.14	-49.5	6.41	-40.39	Peak	-27	Pass
NVNT	ax40	5925	-57.31	-56.99	6.41	-47.73	Average	-27	Pass

6 Frequency Stability

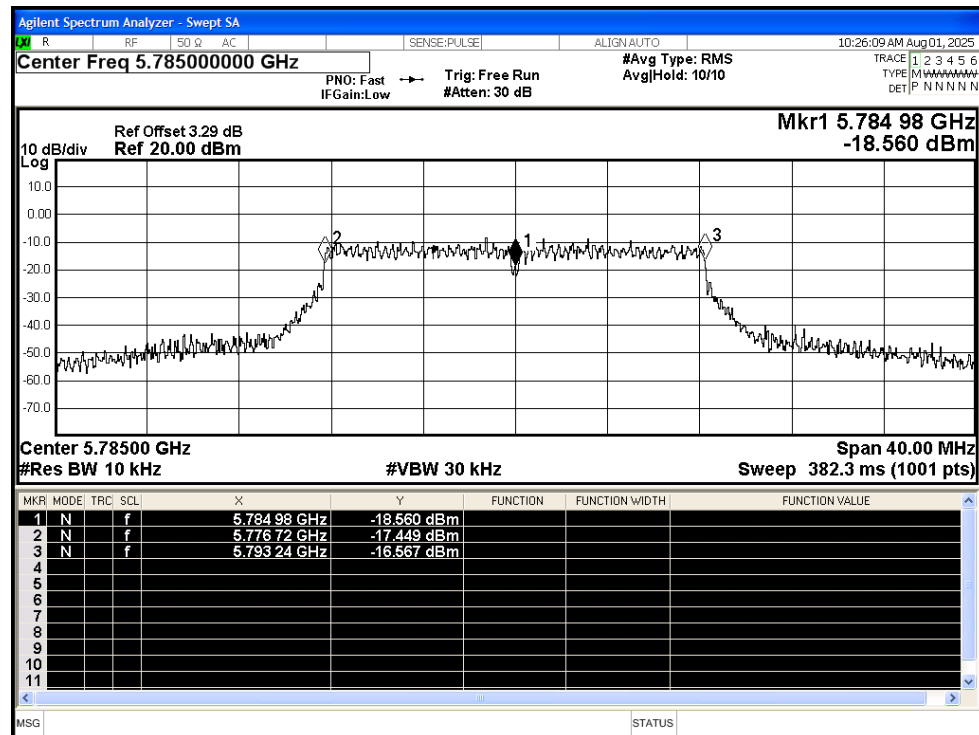
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant1	5745	0	0	25	Pass
NVNT	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
NVNT	n20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

Test Graphs

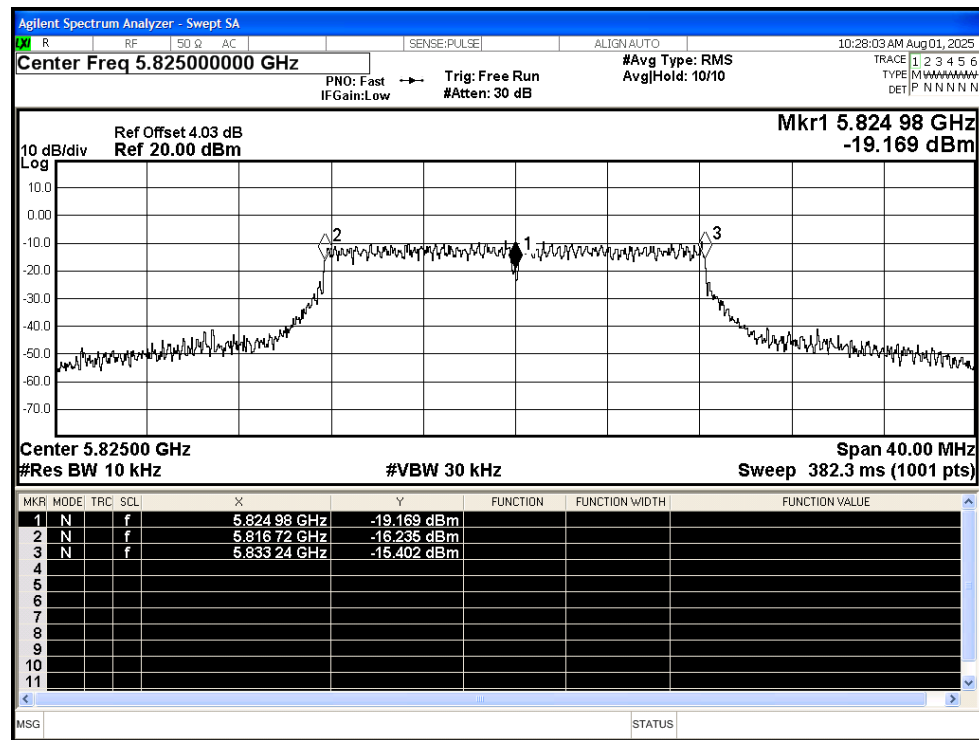
Freq. Stability NVNT a 5745MHz Ant1



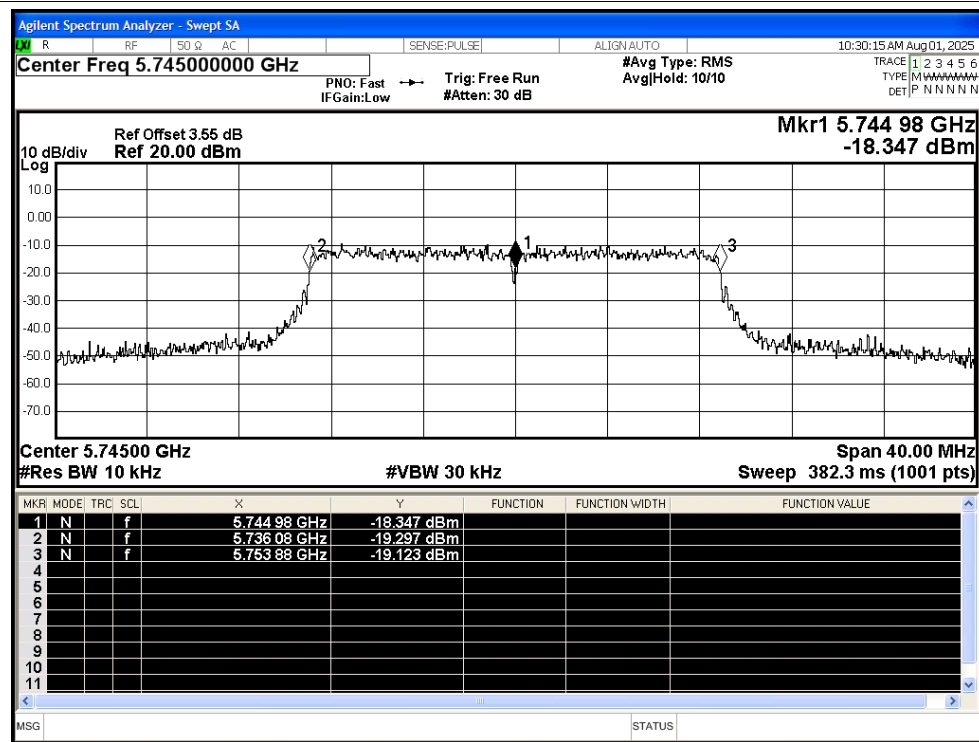
Freq. Stability NVNT a 5785MHz Ant1



Freq. Stability NVNT a 5825MHz Ant1



Freq. Stability NVNT n20 5745MHz Ant1



Freq. Stability NVNT n20 5785MHz Ant1

Agilent Spectrum Analyzer - Swept SA

SENSE: PULSE
ALIGN: AUTO
10:32:00 AM Aug 01, 2025

Center Freq 5.785000000 GHz
PNO: Fast IFGain: Low
Trig: Free Run #Atten: 30 dB
#Avg Type: RMS AvgHold: 10/10
TRACE 1 2 3 4 5 6
TYPE M W W W W W W W W
DET P N N N N N N

10 dB/div
Log

Ref Offset 3.29 dB
Ref 20.00 dBm

Mkr1 5.784 98 GHz
-22.917 dBm

Center 5.78500 GHz
#Res BW 10 kHz

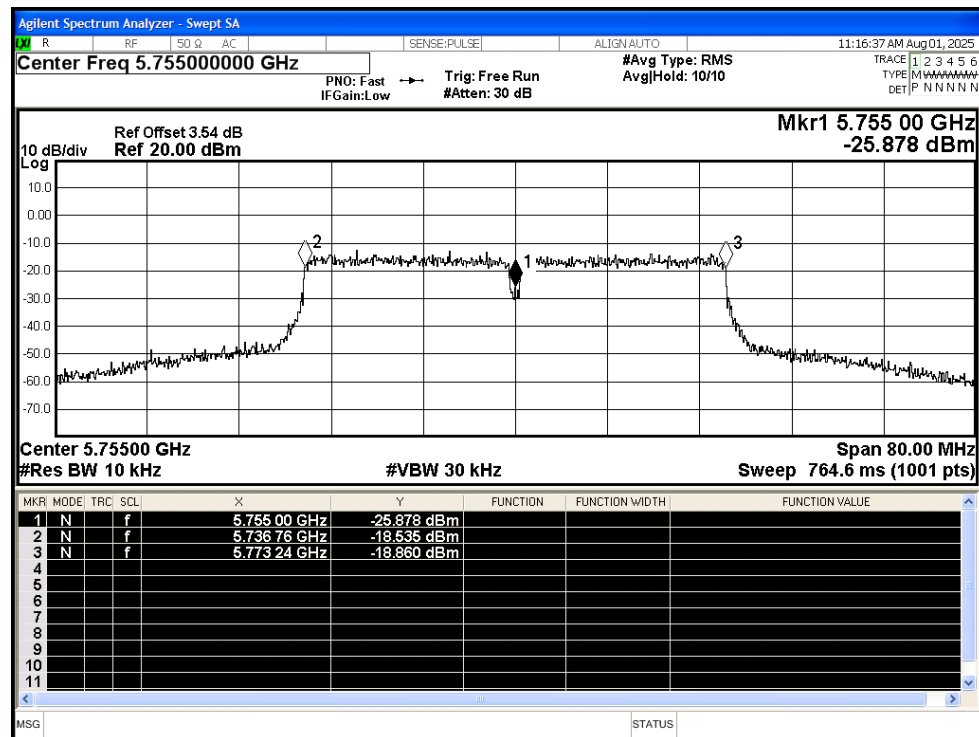
Span 40.00 MHz
Sweep 382.3 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	5.784 98 GHz	-22.917 dBm			
2	N		f	5.776 08 GHz	-18.128 dBm			
3	N		f	5.793 88 GHz	-17.862 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

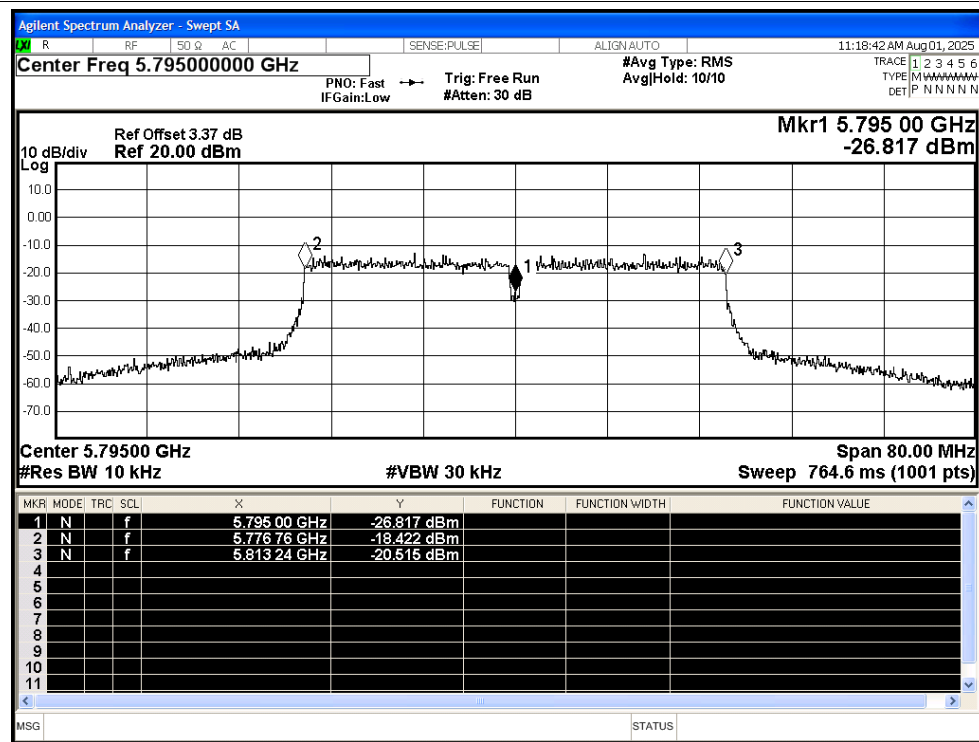
MSG
STATUS

[illegible]

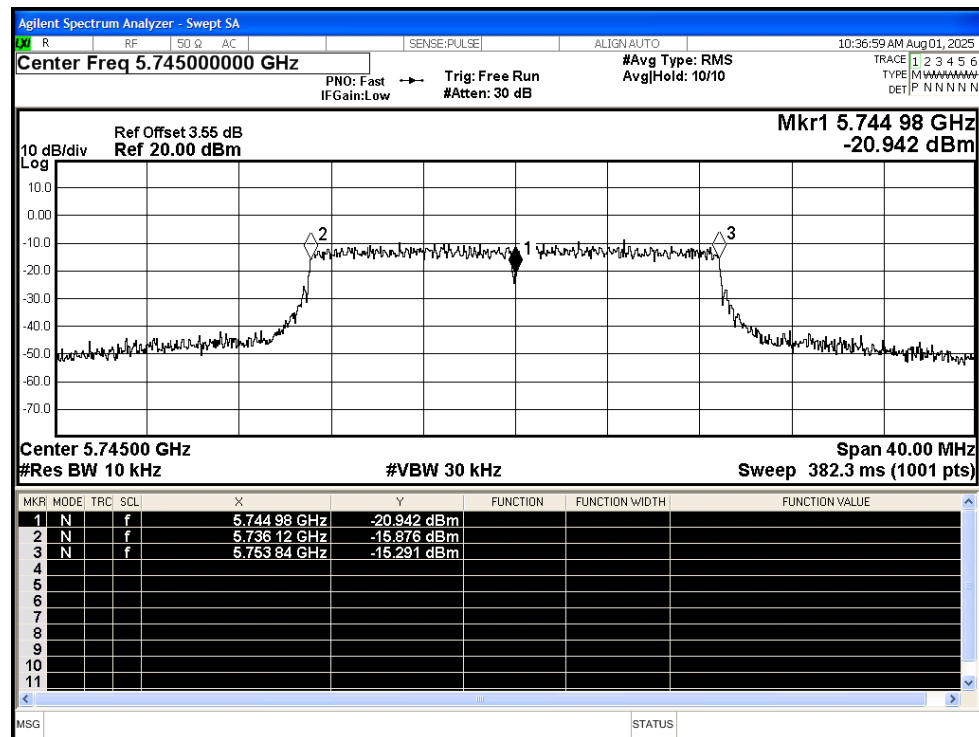
Freq. Stability NVNT n40 5755MHz Ant1



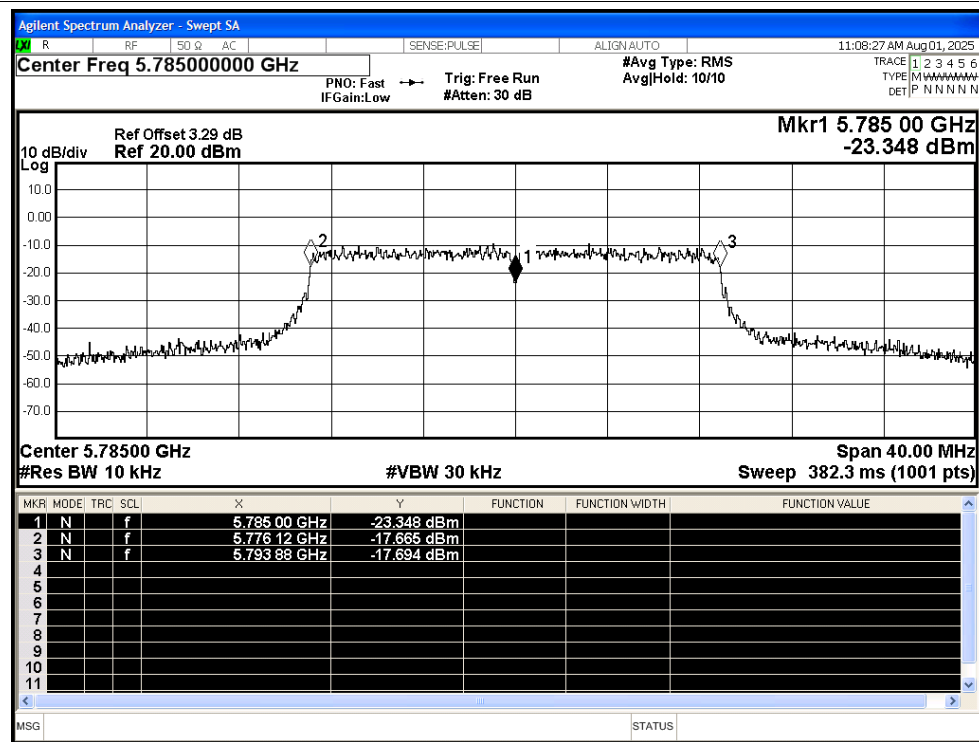
Freq. Stability NVNT n40 5795MHz Ant1



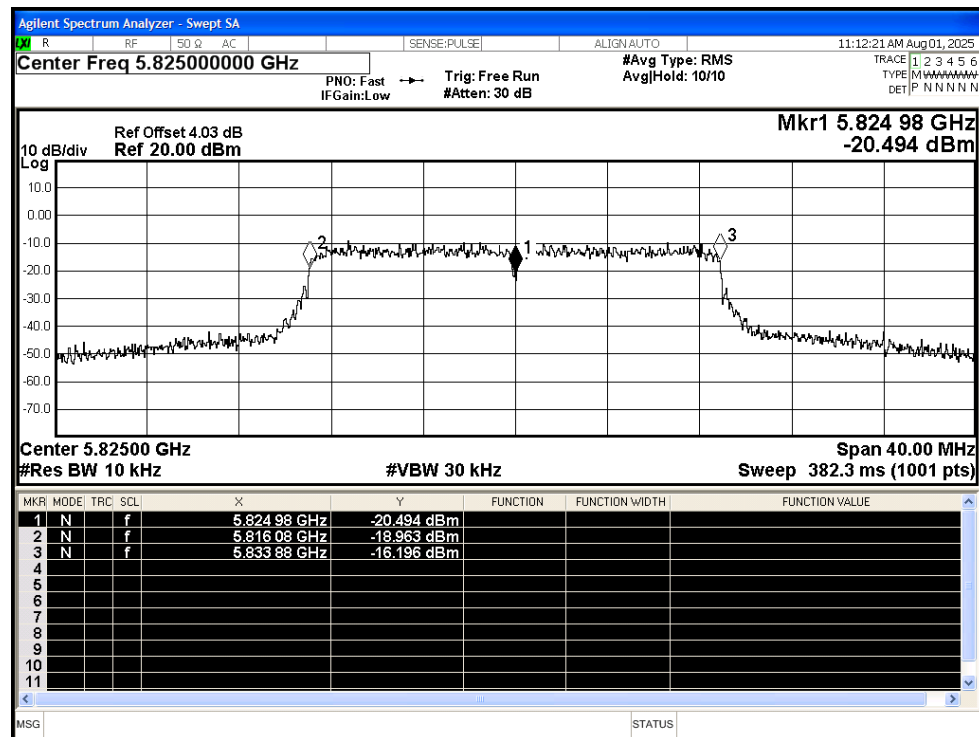
Freq. Stability NVNT ac20 5745MHz Ant1



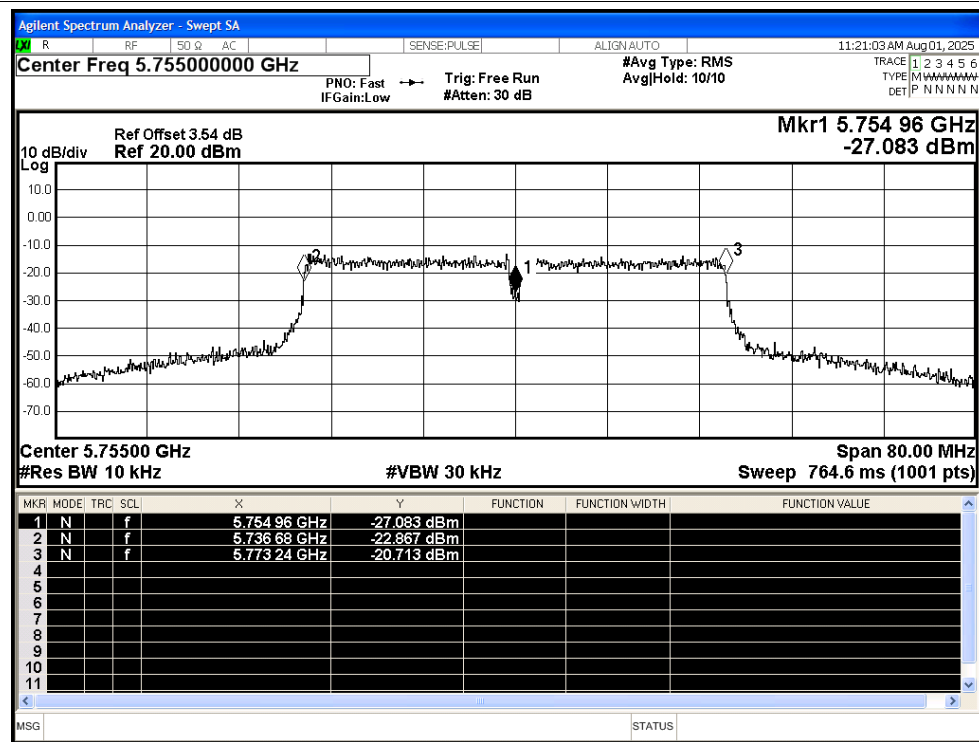
Freq. Stability NVNT ac20 5785MHz Ant1



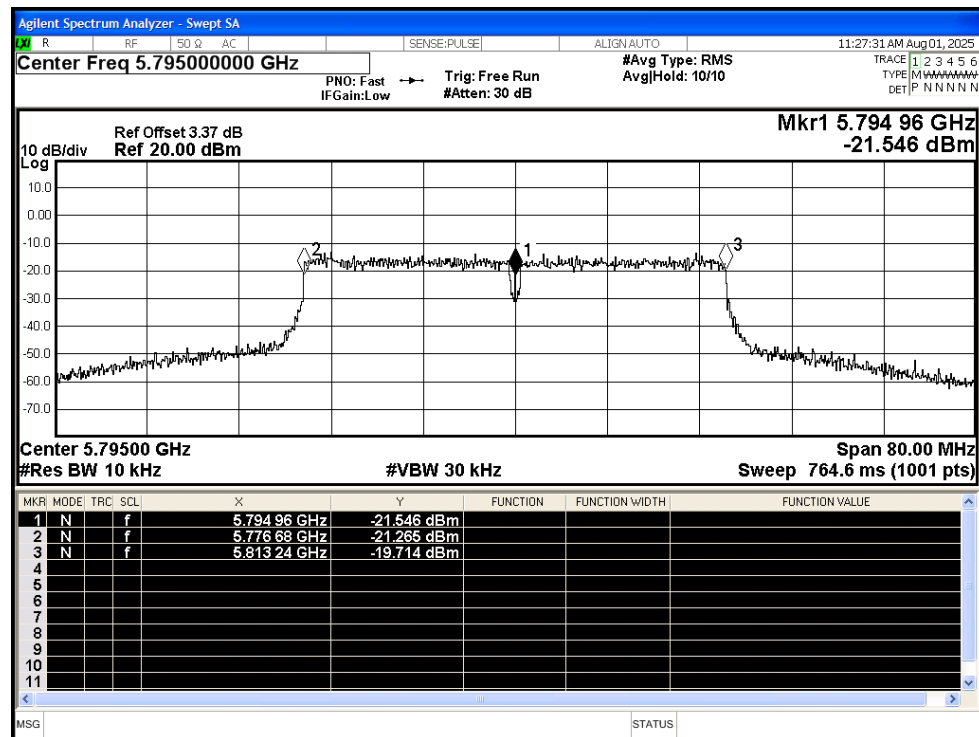
Freq. Stability NVNT ac20 5825MHz Ant1



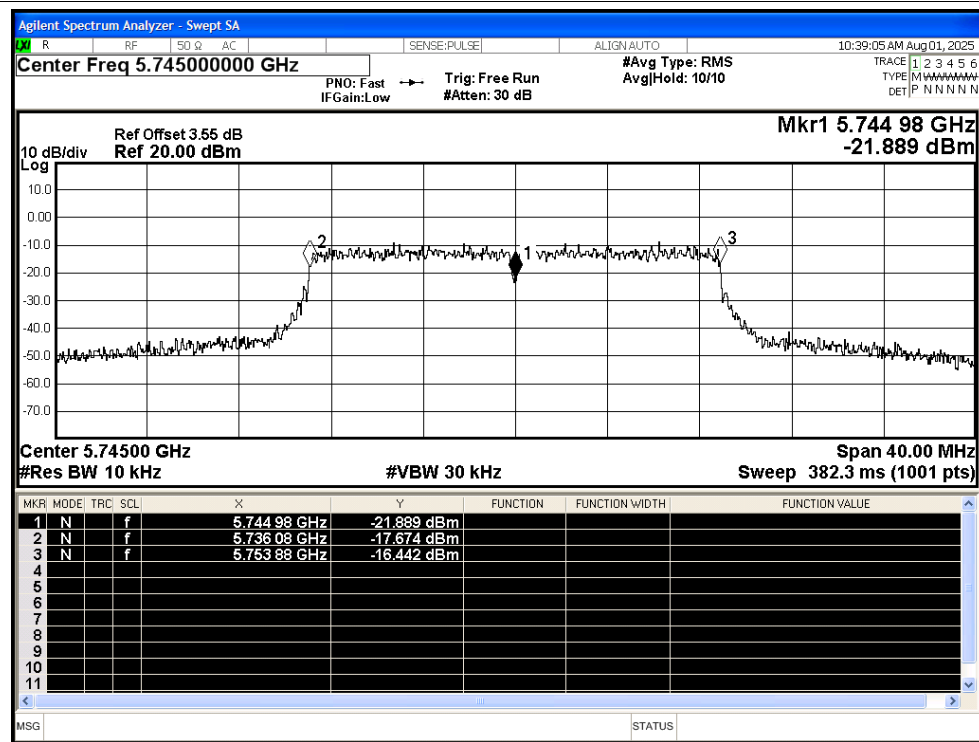
Freq. Stability NVNT ac40 5755MHz Ant1



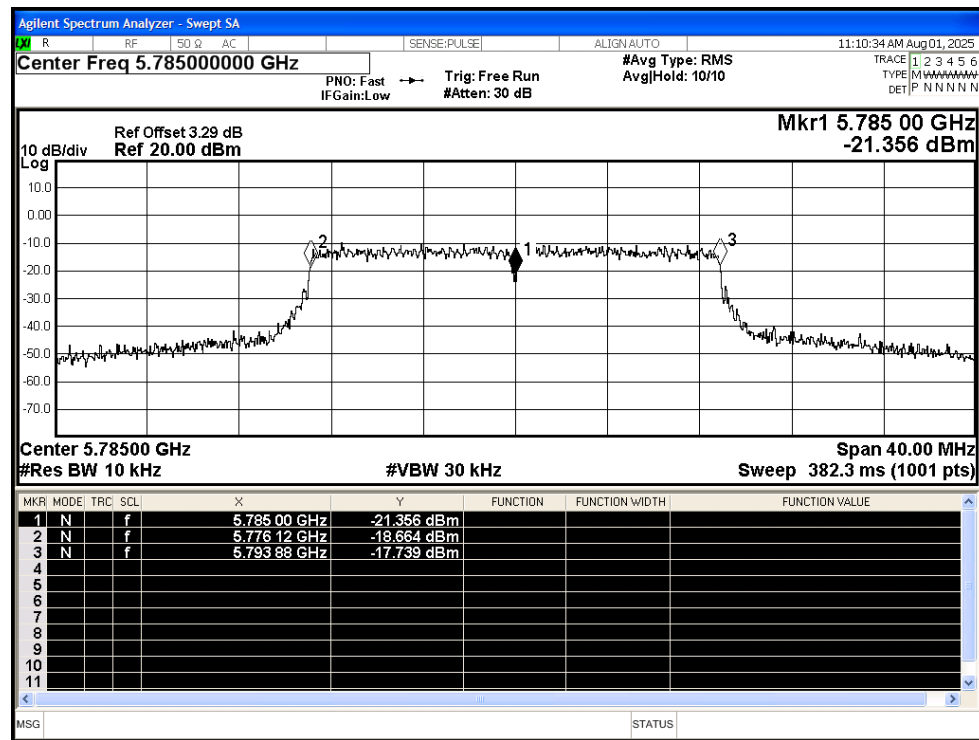
Freq. Stability NVNT ac40 5795MHz Ant1



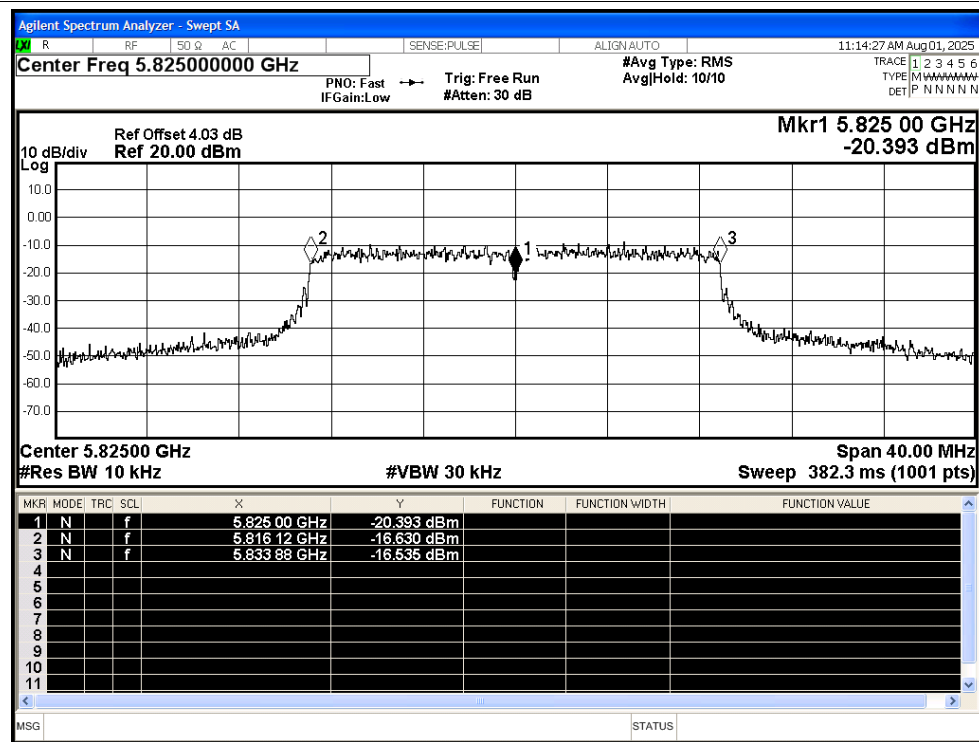
Freq. Stability NVNT ax20 5745MHz Ant1



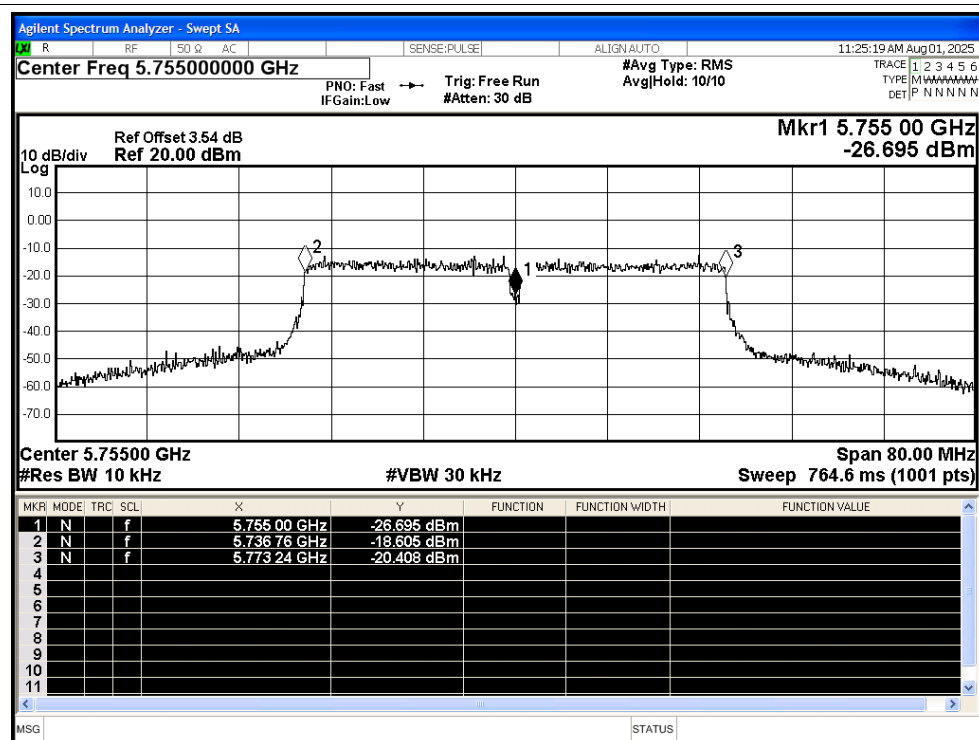
Freq. Stability NVNT ax20 5785MHz Ant1



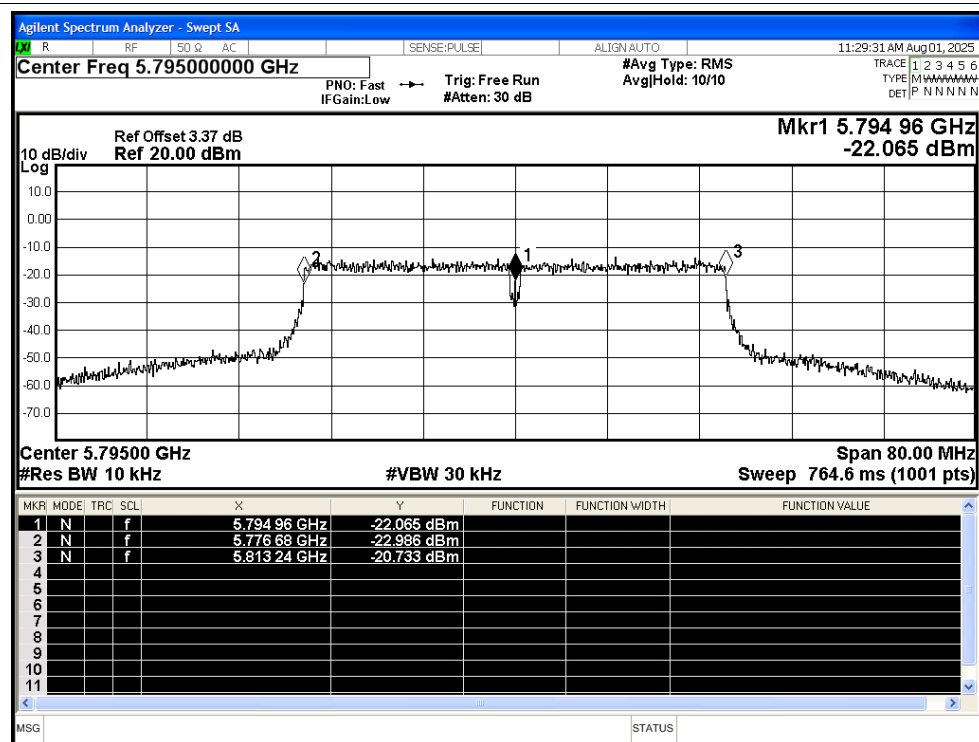
Freq. Stability NVNT ax20 5825MHz Ant1



Freq. Stability NVNT ax40 5755MHz Ant1



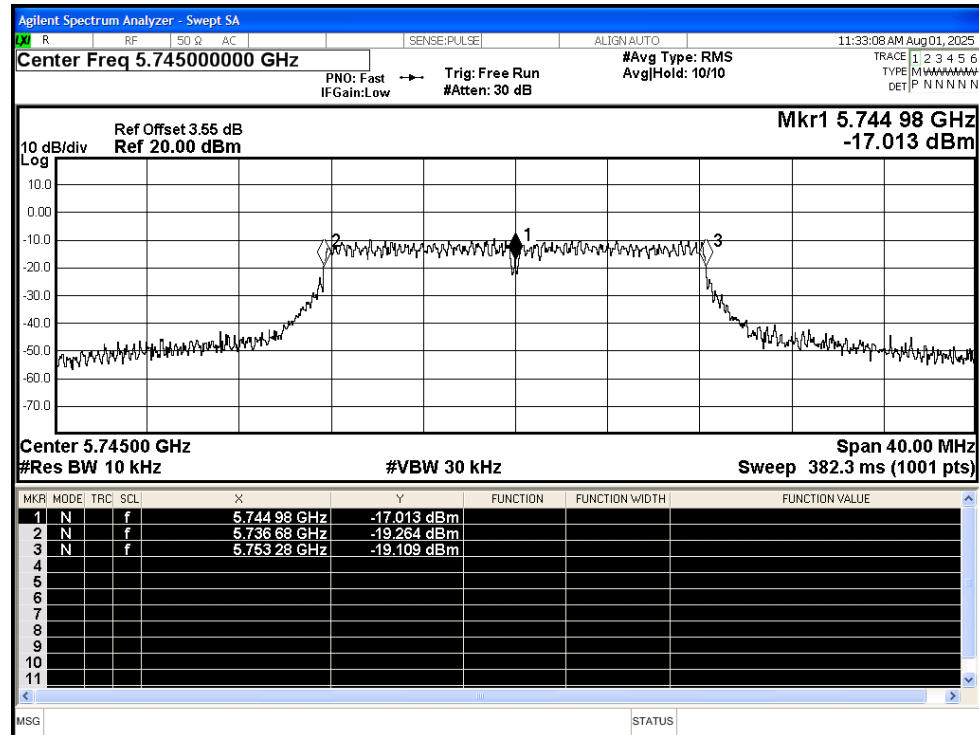
Freq. Stability NVNT ax40 5795MHz Ant1



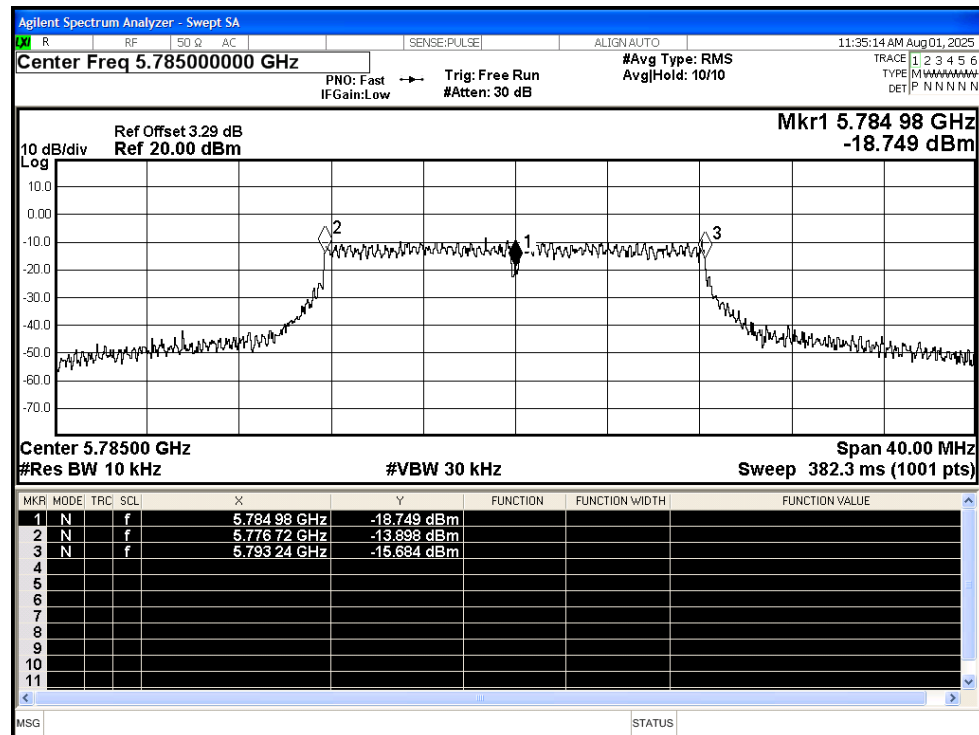
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant2	5744.98	-20000	-3.48	25	Pass
NVNT	a	5785	Ant2	5784.98	-20000	-3.46	25	Pass
NVNT	a	5825	Ant2	5825	0	0	25	Pass
NVNT	n20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
NVNT	n20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
NVNT	n20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
NVNT	n40	5755	Ant2	5755	0	0	25	Pass
NVNT	n40	5795	Ant2	5795	0	0	25	Pass
NVNT	ac20	5745	Ant2	5745	0	0	25	Pass
NVNT	ac20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
NVNT	ac20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
NVNT	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
NVNT	ac40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
NVNT	ax20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
NVNT	ax20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
NVNT	ax20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
NVNT	ax40	5755	Ant2	5755	0	0	25	Pass
NVNT	ax40	5795	Ant2	5795	0	0	25	Pass

Test Graphs

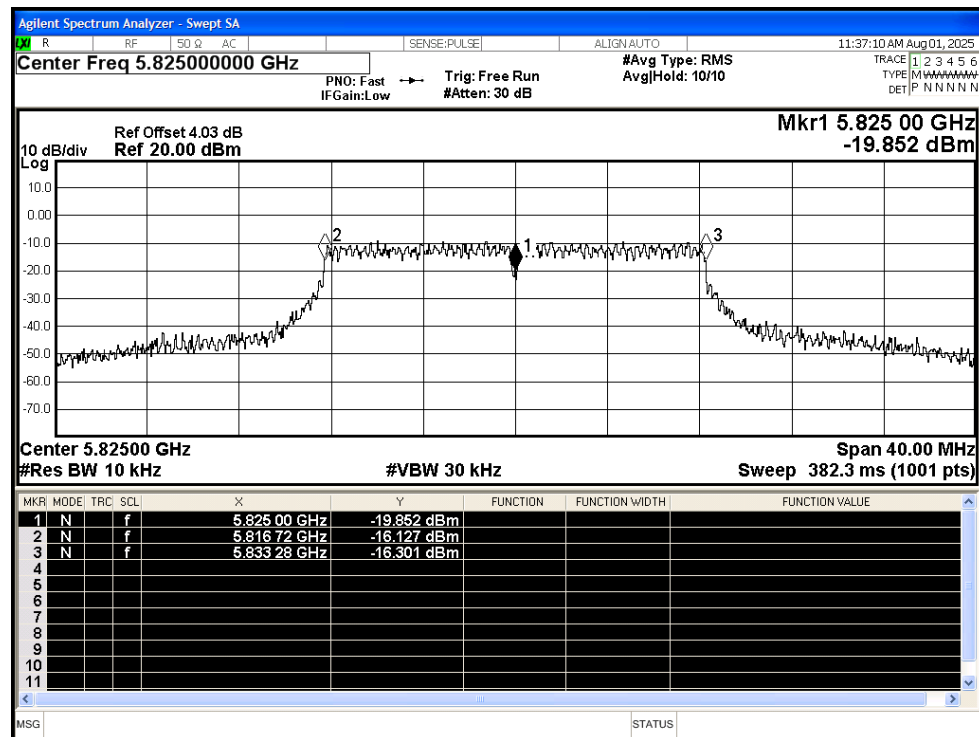
Freq. Stability NVNT a 5745MHz Ant2



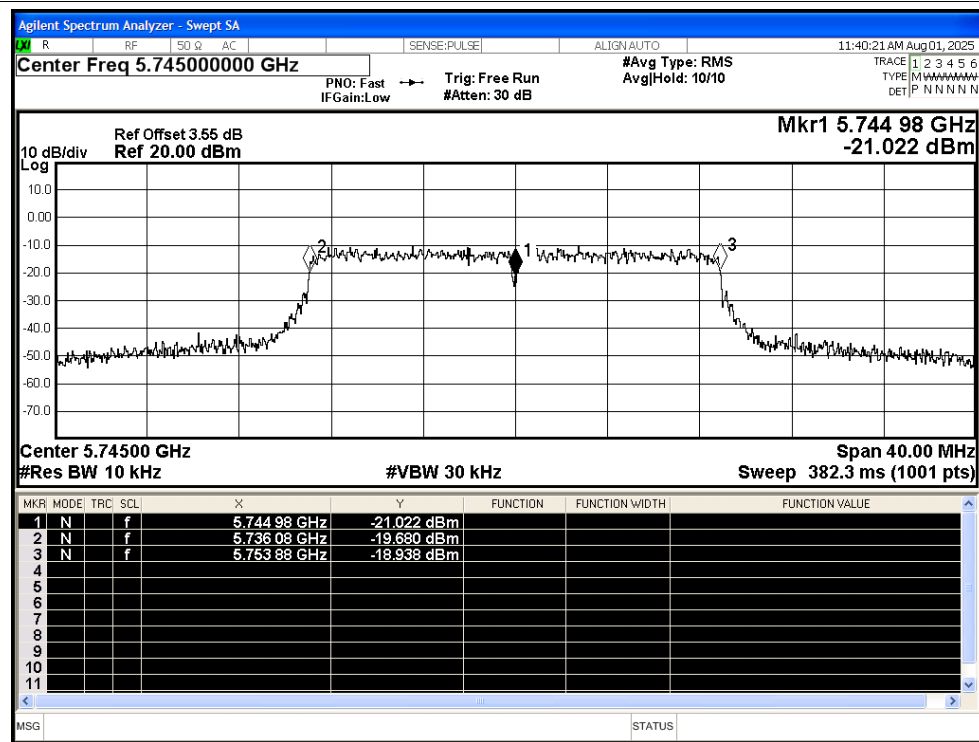
Freq. Stability NVNT a 5785MHz Ant2



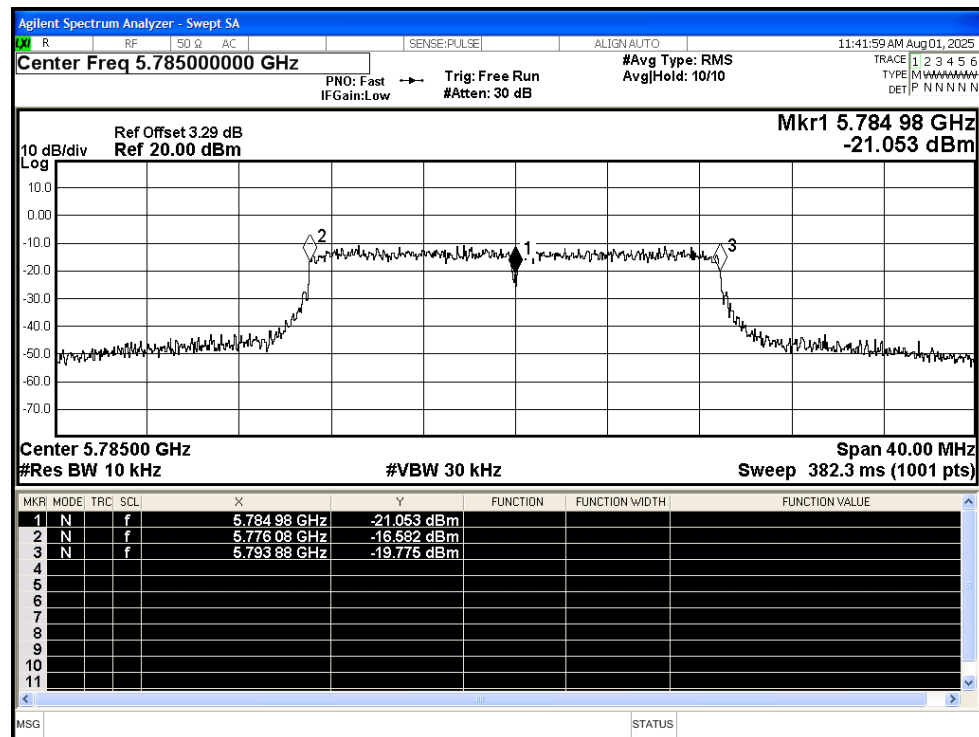
Freq. Stability NVNT a 5825MHz Ant2



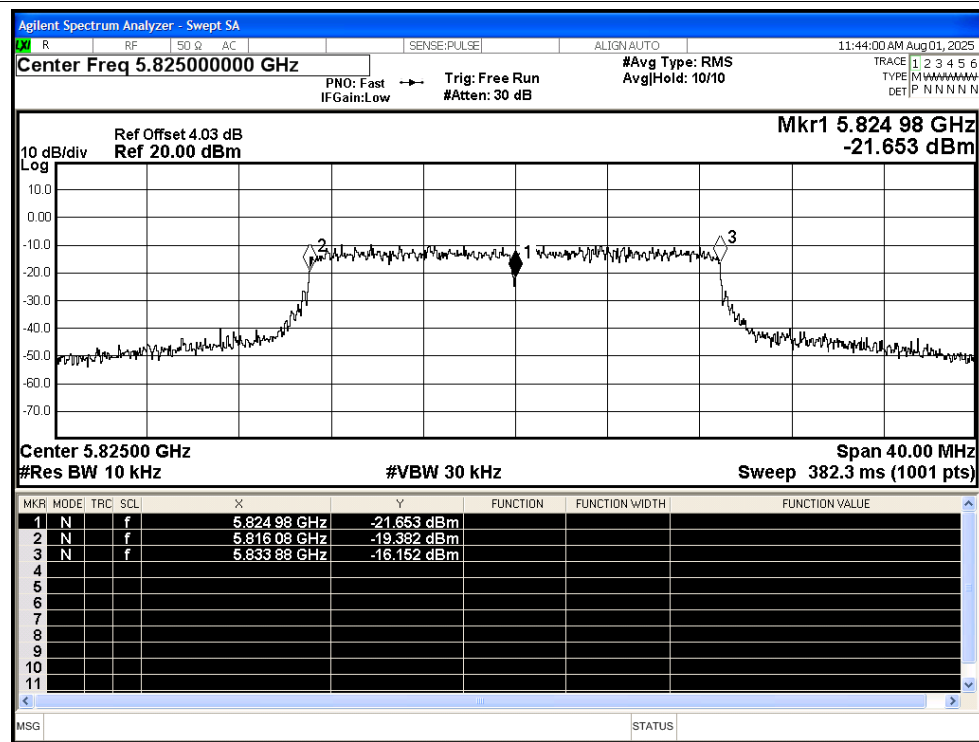
Freq. Stability NVNT n20 5745MHz Ant2



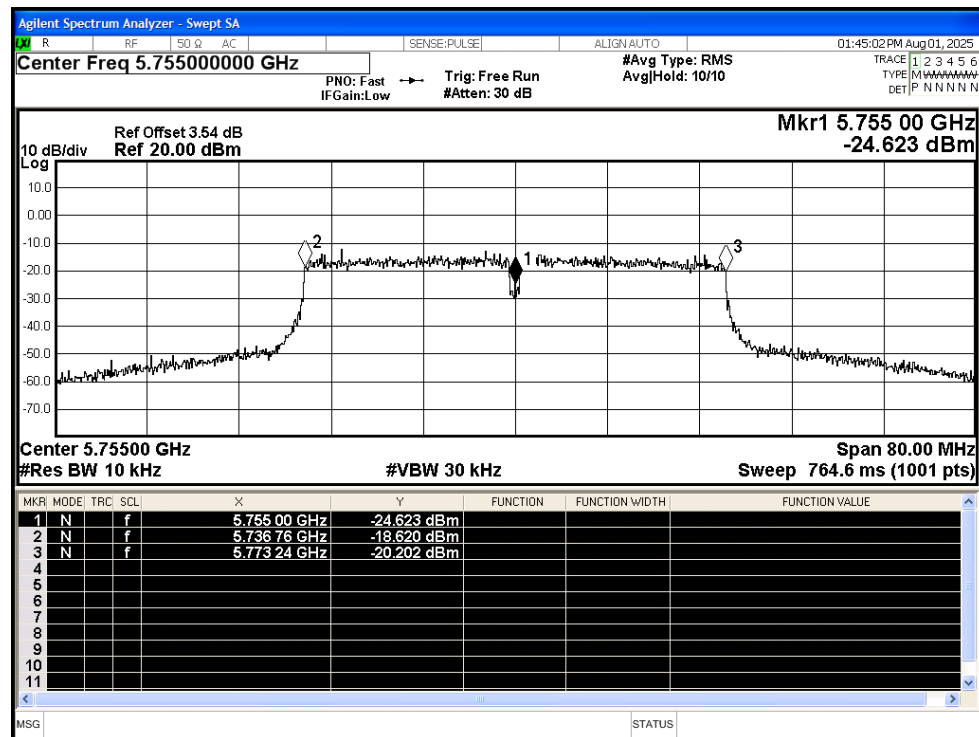
Freq. Stability NVNT n20 5785MHz Ant2



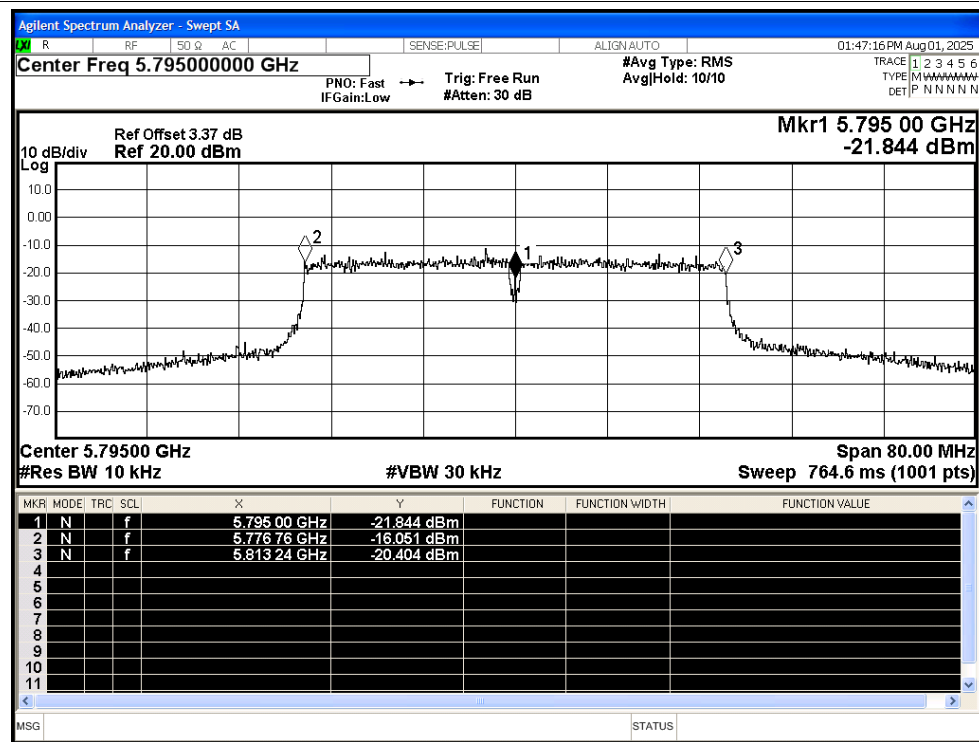
Freq. Stability NVNT n20 5825MHz Ant2



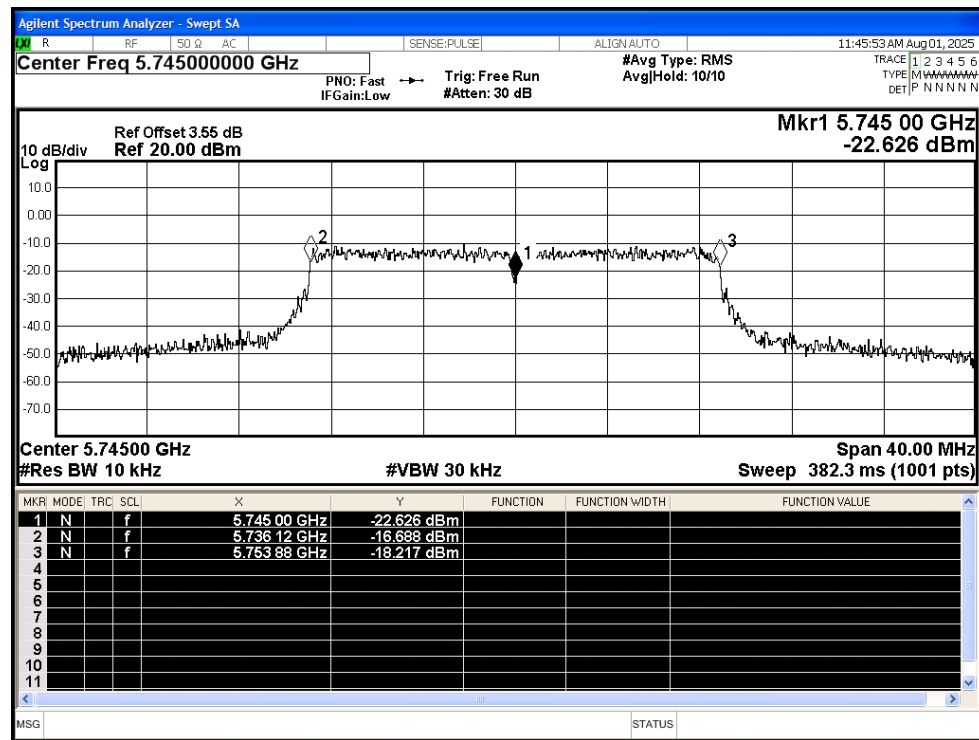
Freq. Stability NVNT n40 5755MHz Ant2



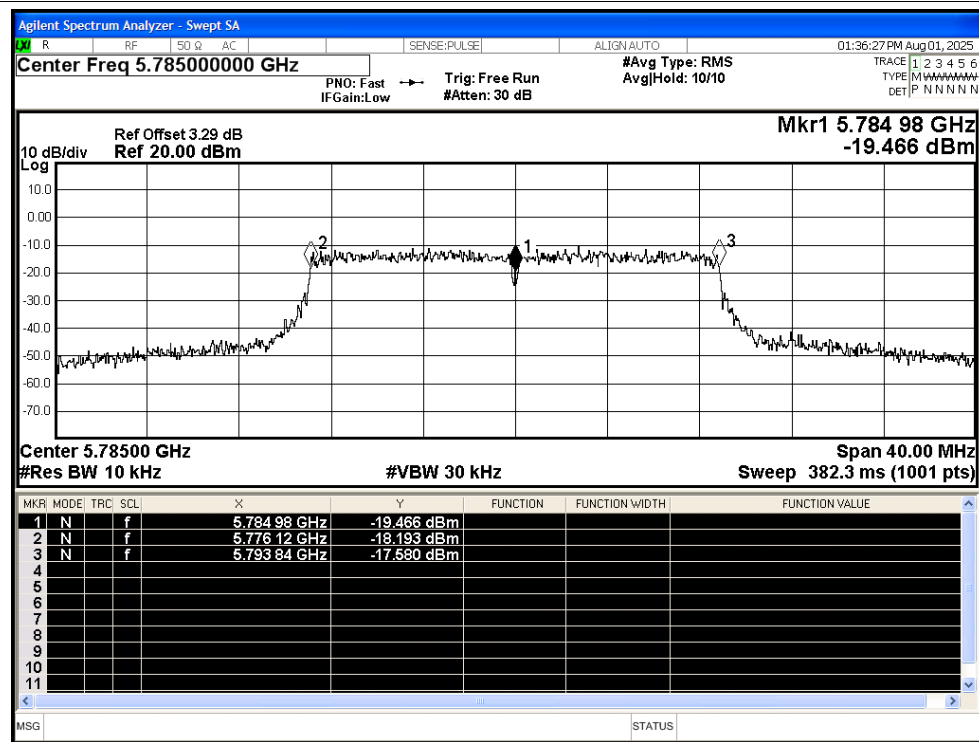
Freq. Stability NVNT n40 5795MHz Ant2



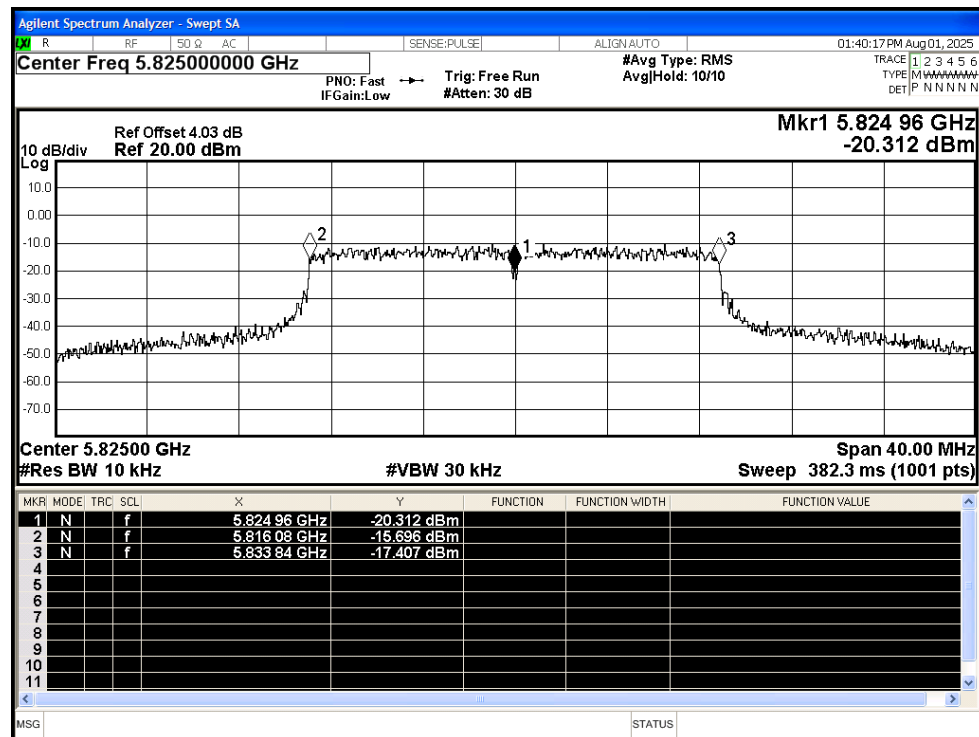
Freq. Stability NVNT ac20 5745MHz Ant2



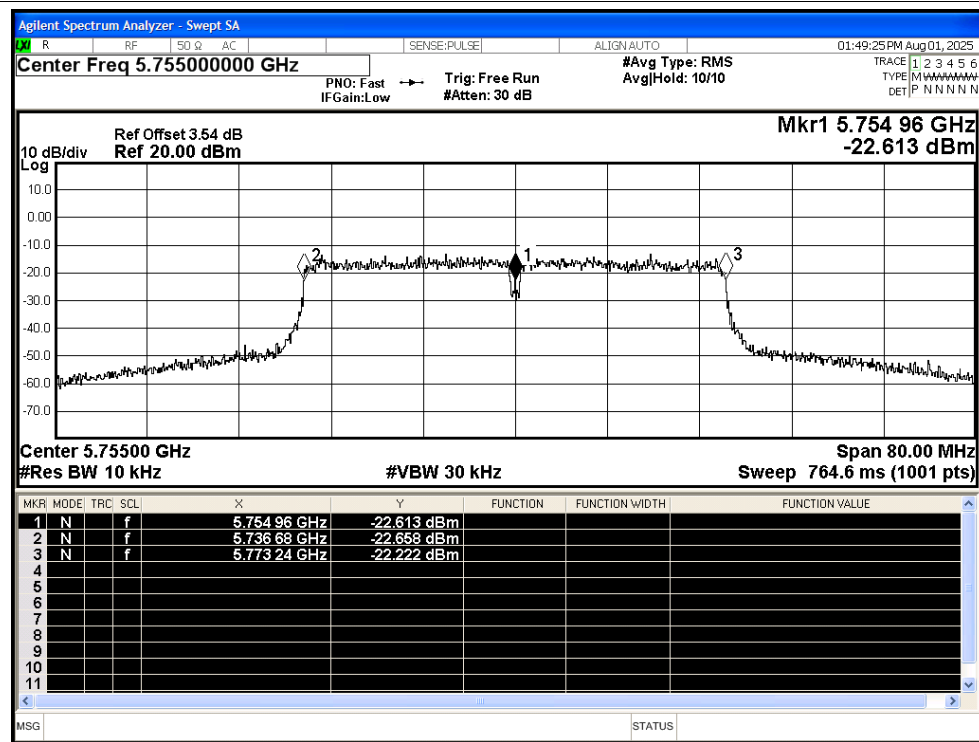
Freq. Stability NVNT ac20 5785MHz Ant2



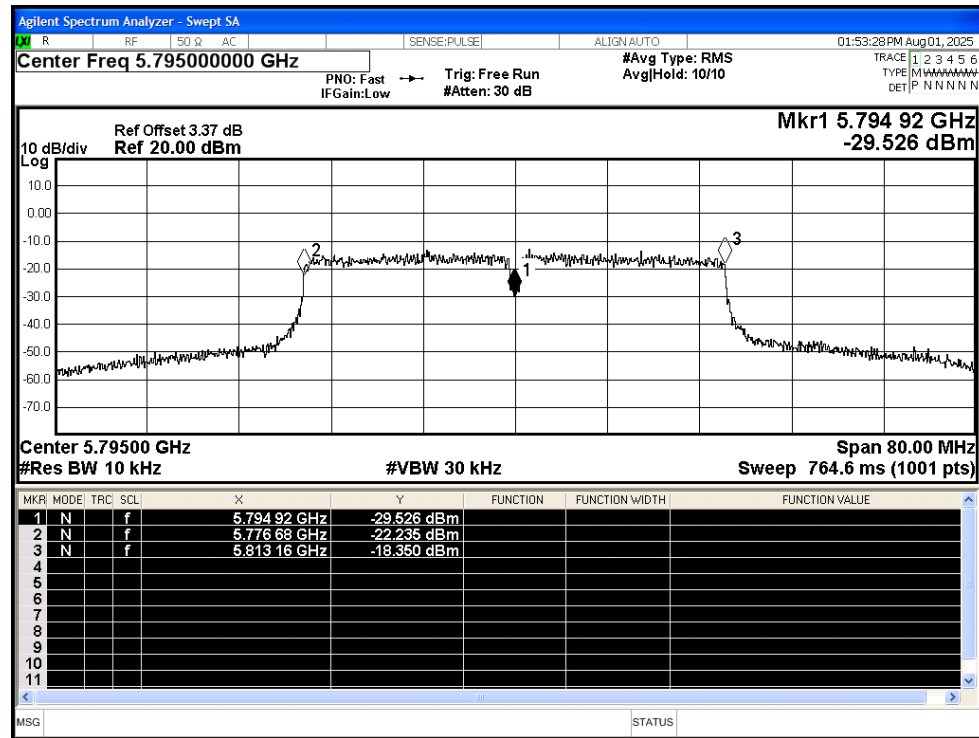
Freq. Stability NVNT ac20 5825MHz Ant2



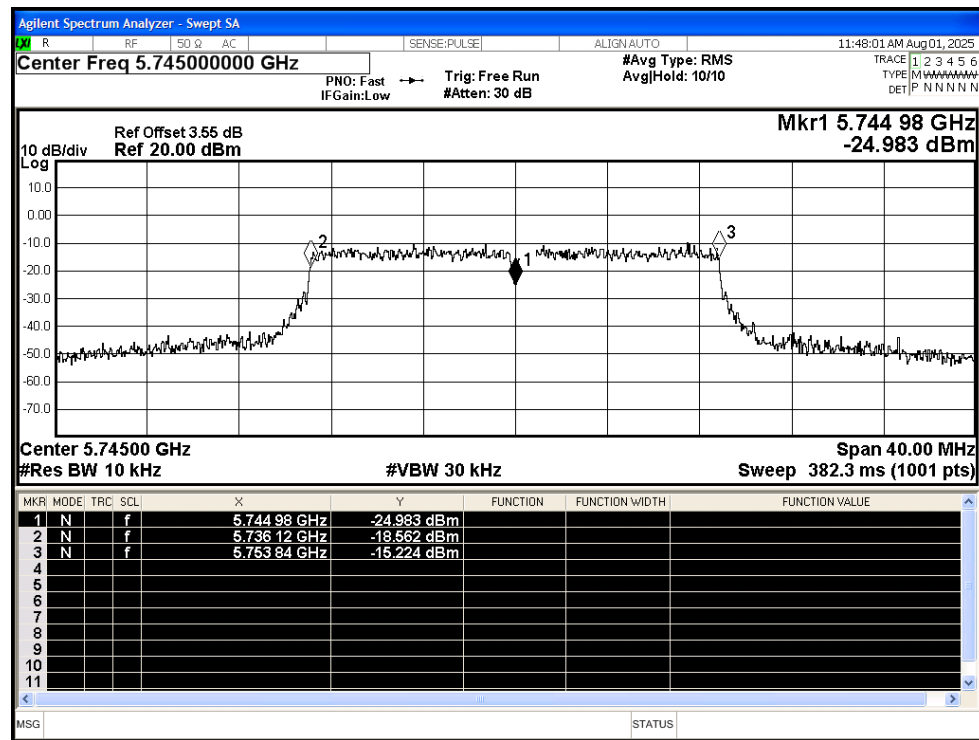
Freq. Stability NVNT ac40 5755MHz Ant2



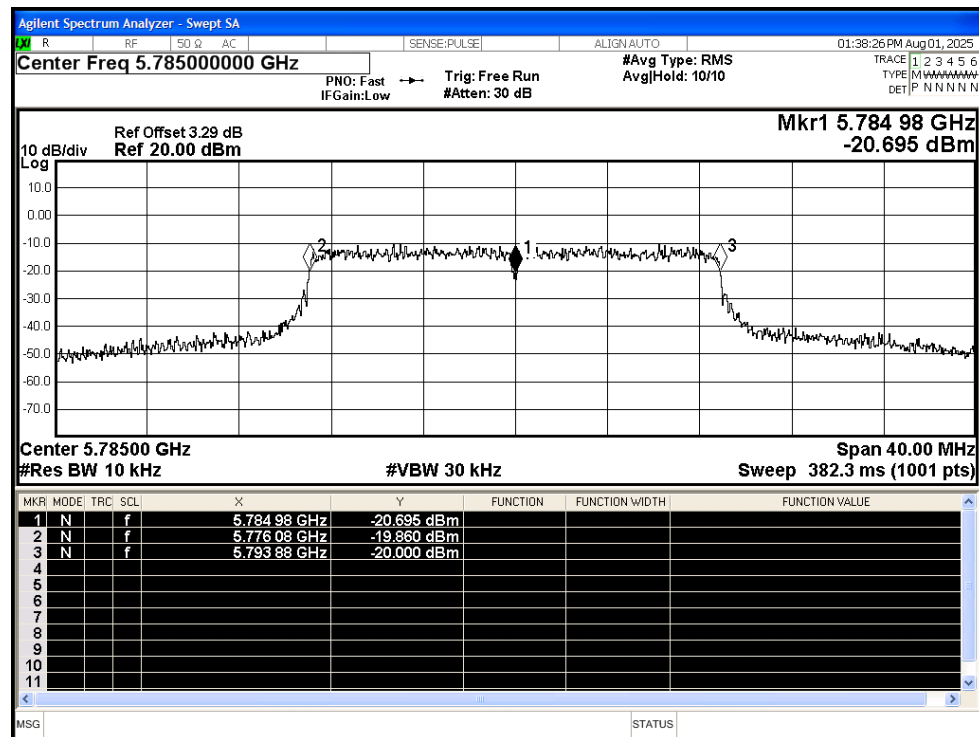
Freq. Stability NVNT ac40 5795MHz Ant2



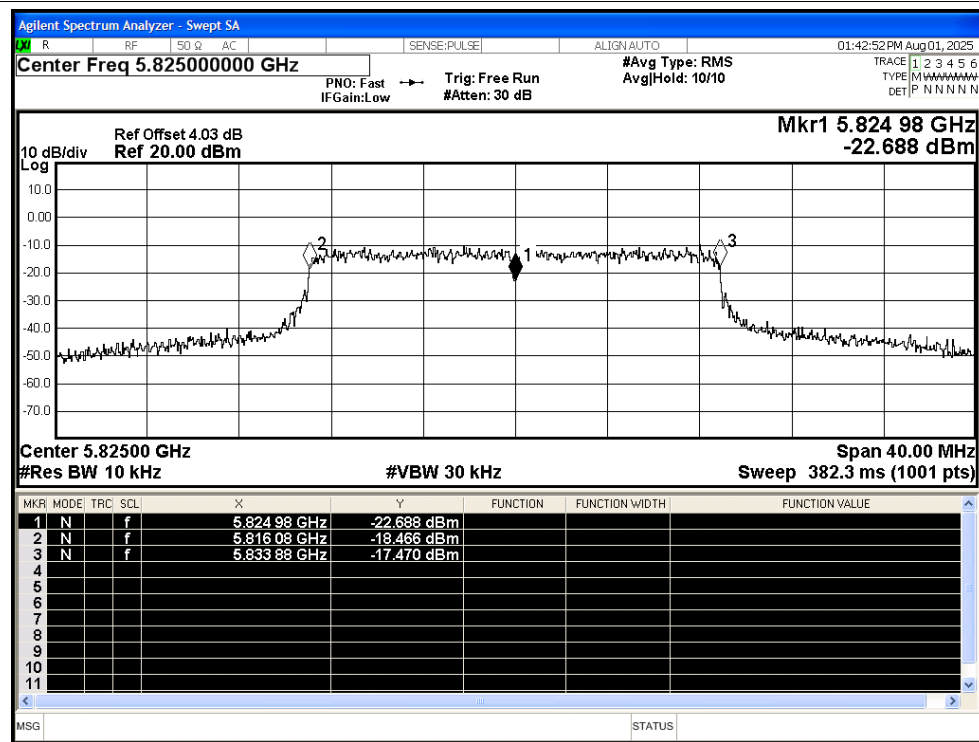
Freq. Stability NVNT ax20 5745MHz Ant2



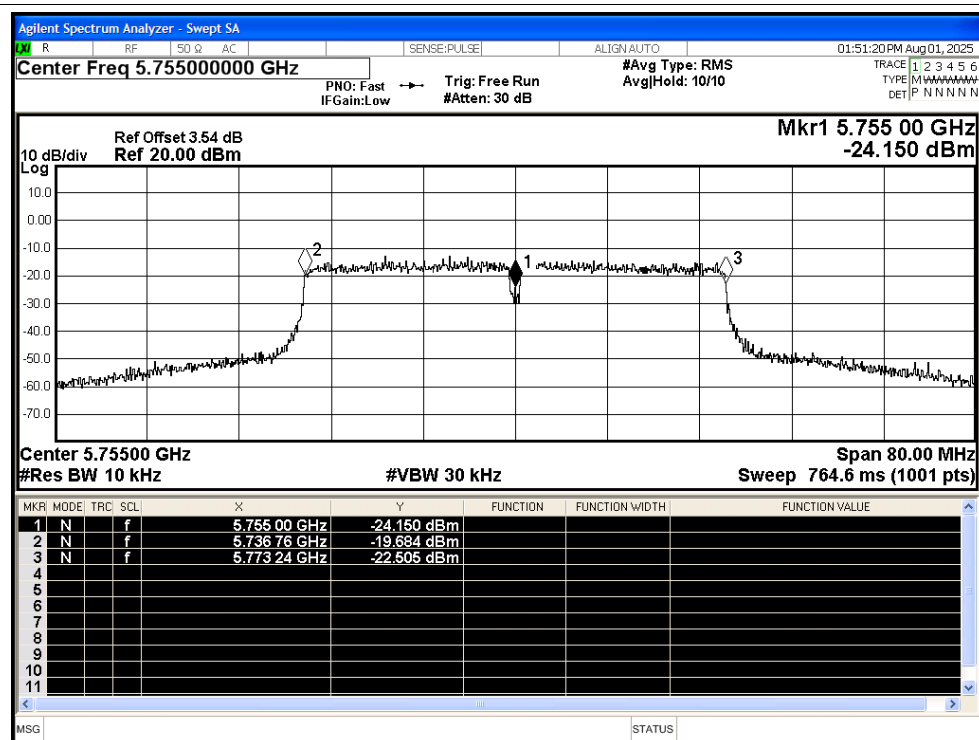
Freq. Stability NVNT ax20 5785MHz Ant2



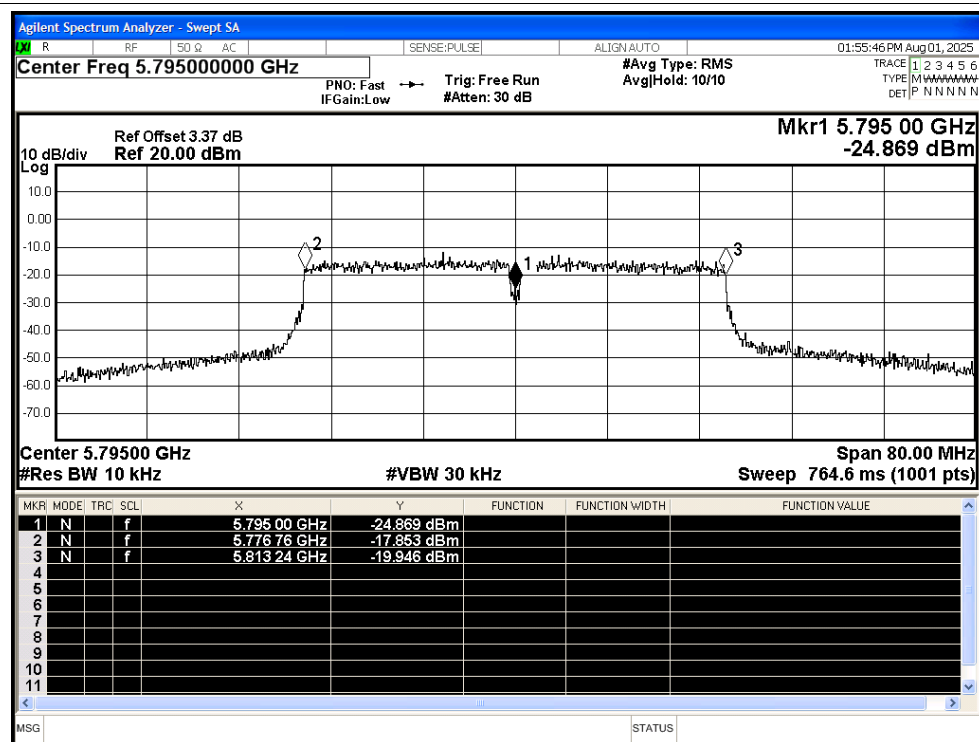
Freq. Stability NVNT ax20 5825MHz Ant2



Freq. Stability NVNT ax40 5755MHz Ant2



Freq. Stability NVNT ax40 5795MHz Ant2

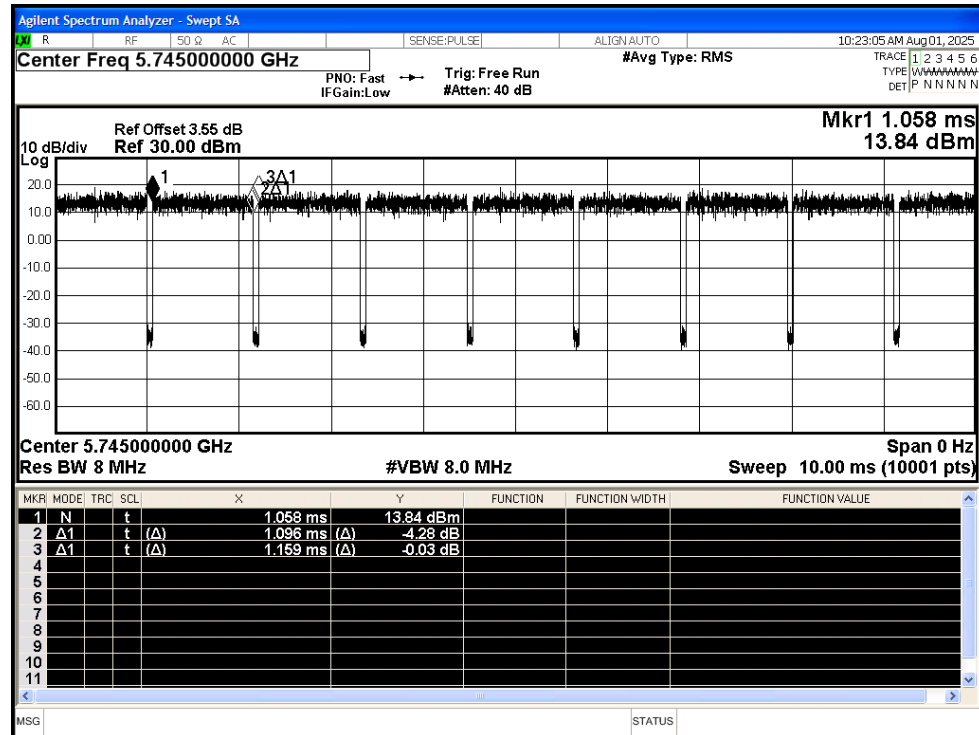


7 Duty Cycle

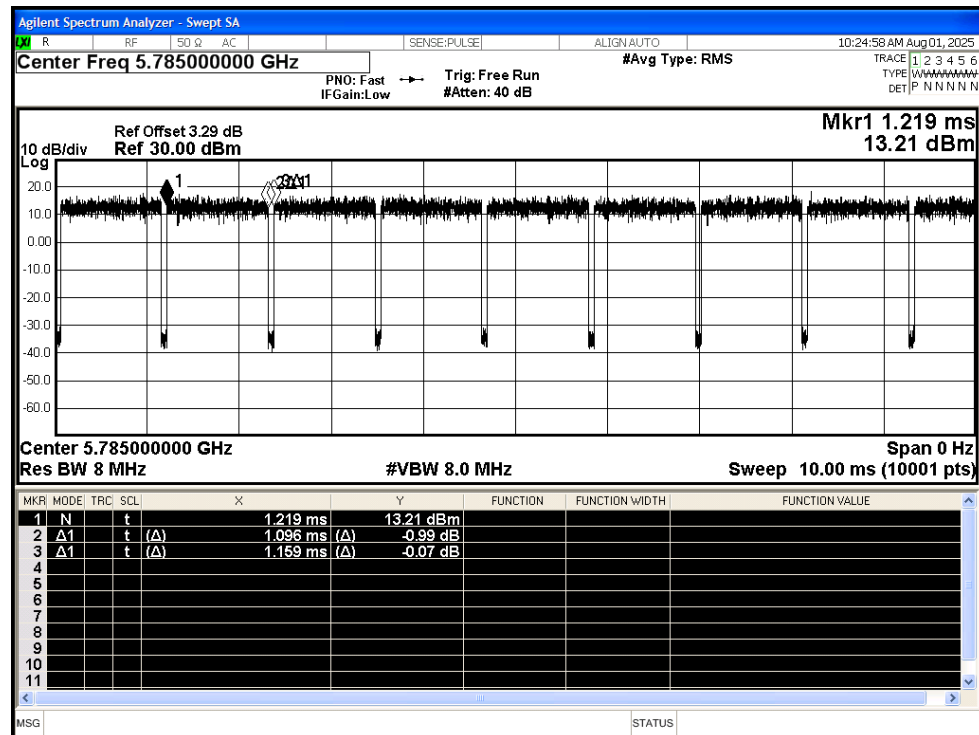
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	94.56	0.24	0.91
NVNT	a	5785	Ant1	94.56	0.24	0.91
NVNT	a	5825	Ant1	94.56	0.24	0.91
NVNT	n20	5745	Ant1	97.33	0.12	0.44
NVNT	n20	5785	Ant1	97.33	0.12	0.44
NVNT	n20	5825	Ant1	97.29	0.12	0.44
NVNT	n40	5755	Ant1	94.71	0.24	0.9
NVNT	n40	5795	Ant1	94.71	0.24	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	94.81	0.23	0.9
NVNT	ax20	5745	Ant1	97.34	0.12	0.44
NVNT	ax20	5785	Ant1	97.3	0.12	0.44
NVNT	ax20	5825	Ant1	97.34	0.12	0.44
NVNT	ax40	5755	Ant1	94.72	0.24	0.9
NVNT	ax40	5795	Ant1	94.72	0.24	0.9

Test Graphs

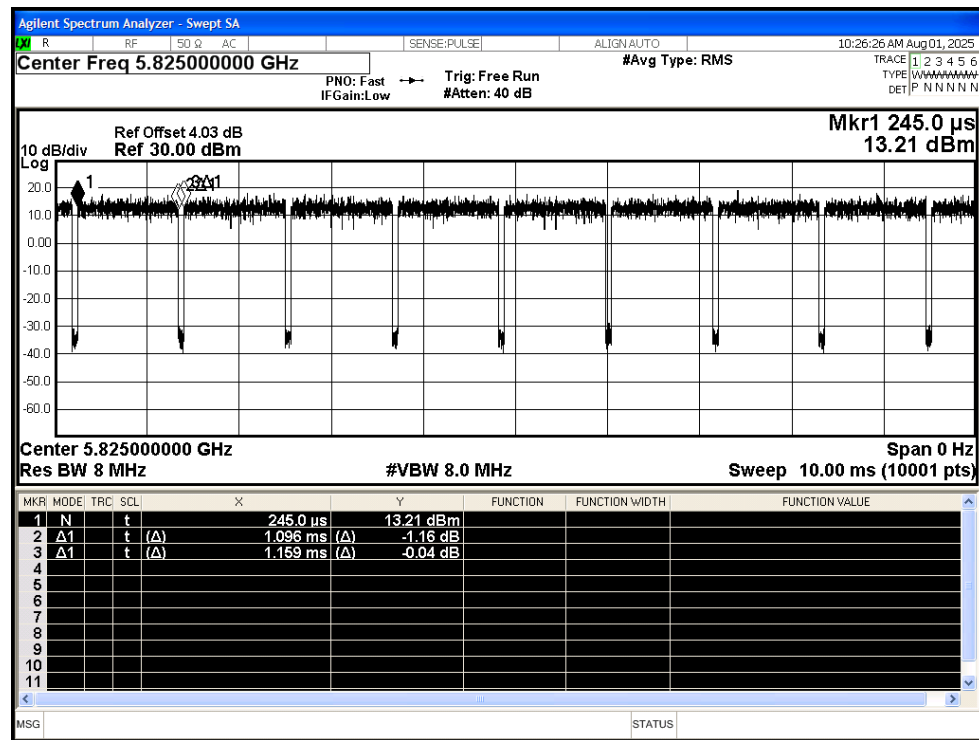
Duty Cycle NVNT a 5745MHz Ant1



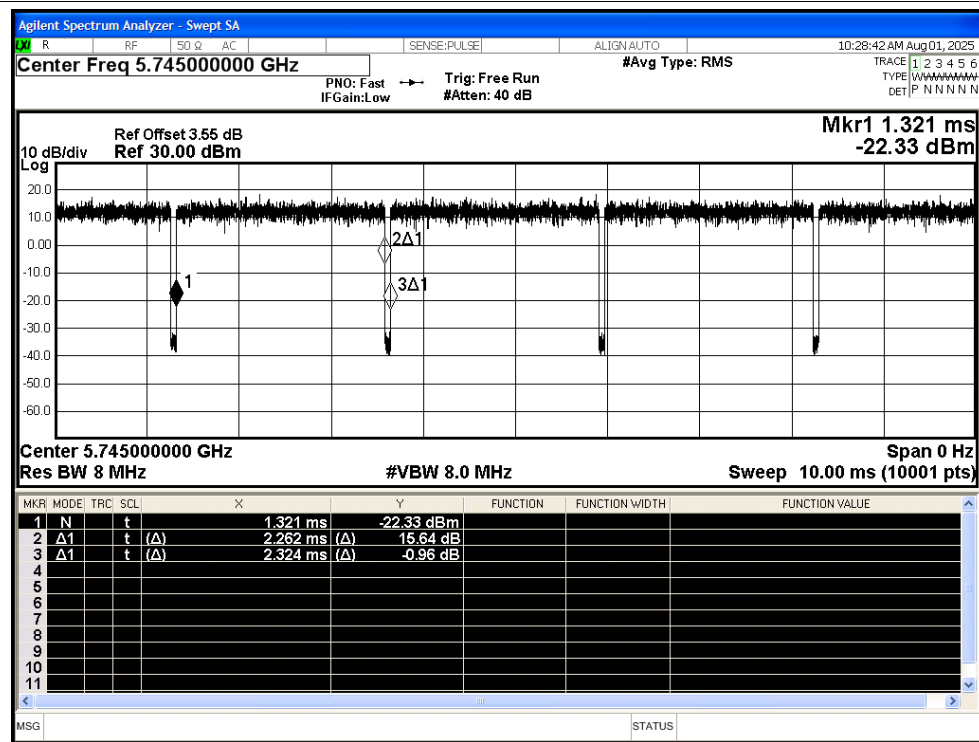
Duty Cycle NVNT a 5785MHz Ant1



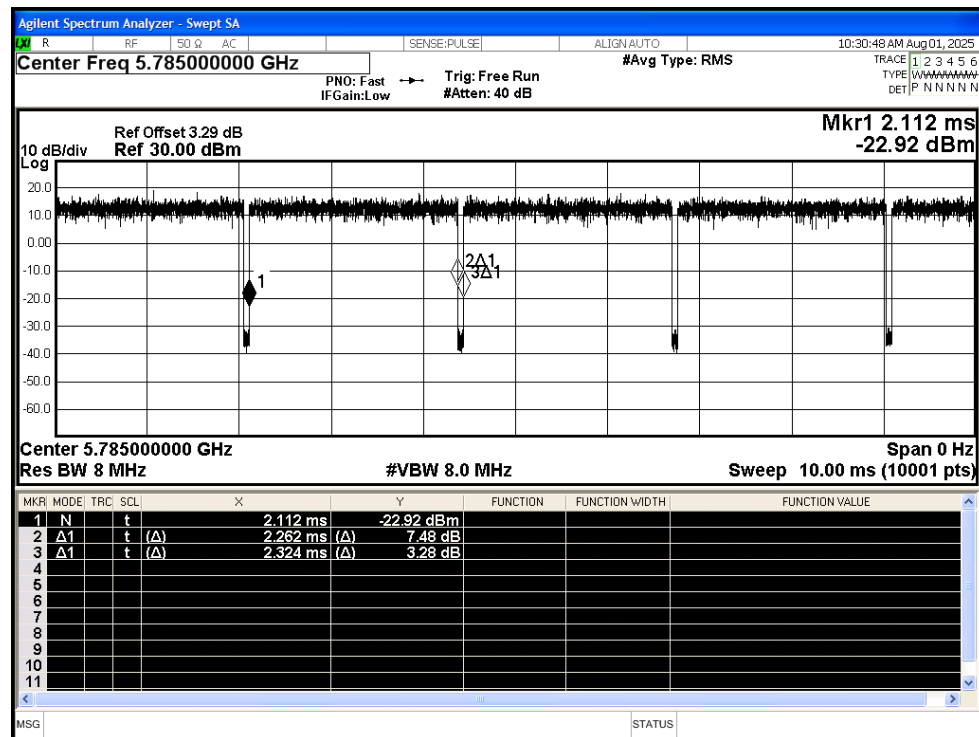
Duty Cycle NVNT a 5825MHz Ant1



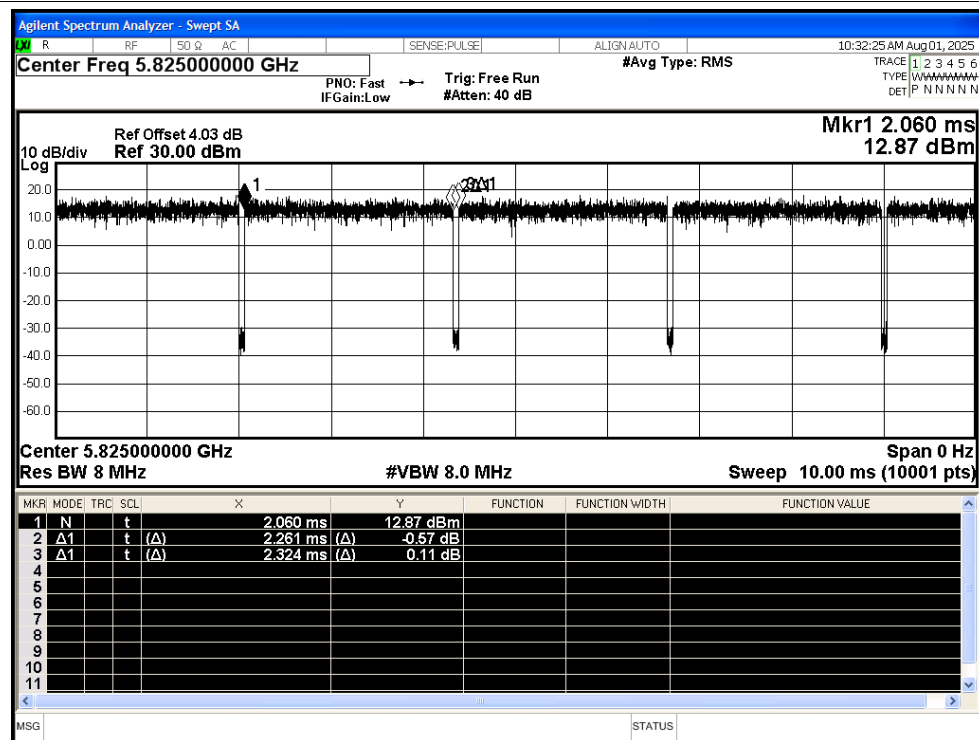
Duty Cycle NVNT n20 5745MHz Ant1



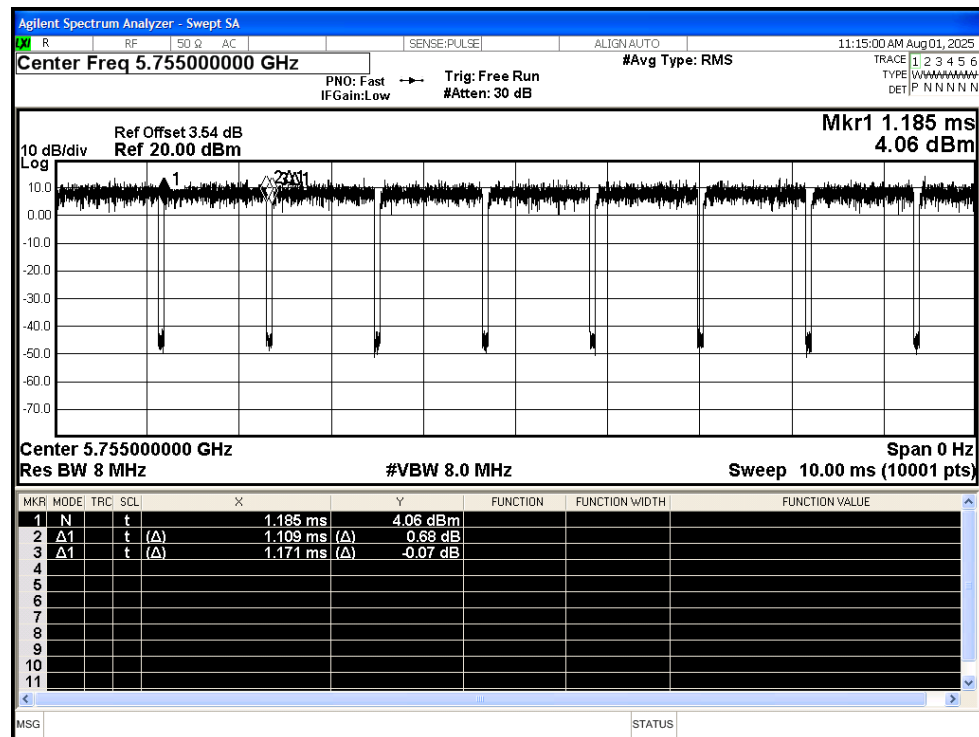
Duty Cycle NVNT n20 5785MHz Ant1



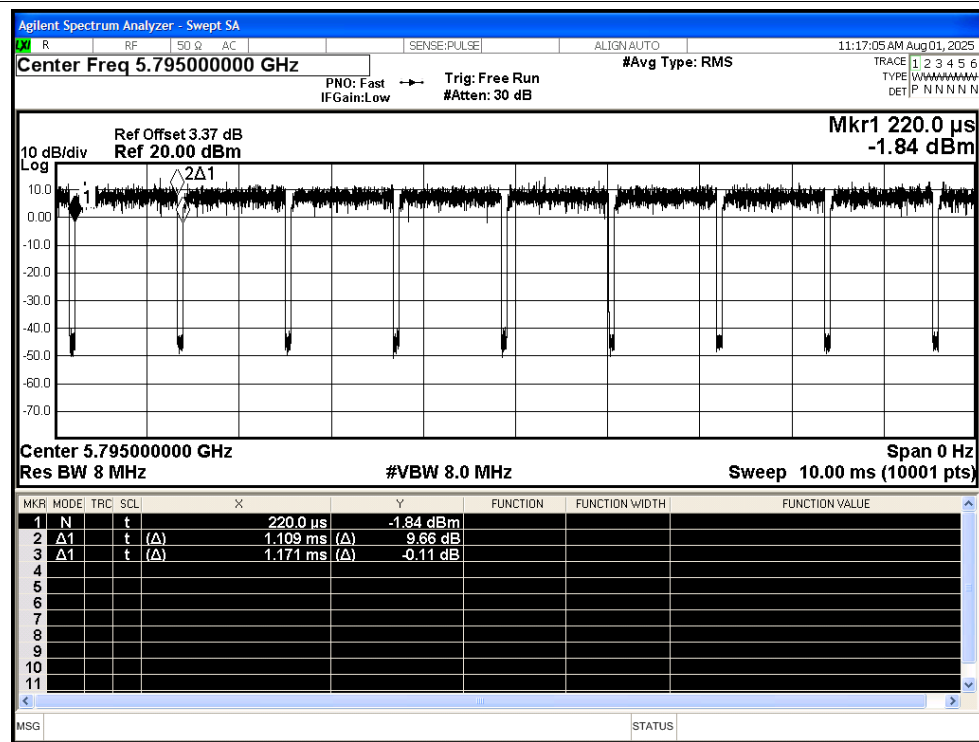
Duty Cycle NVNT n20 5825MHz Ant1



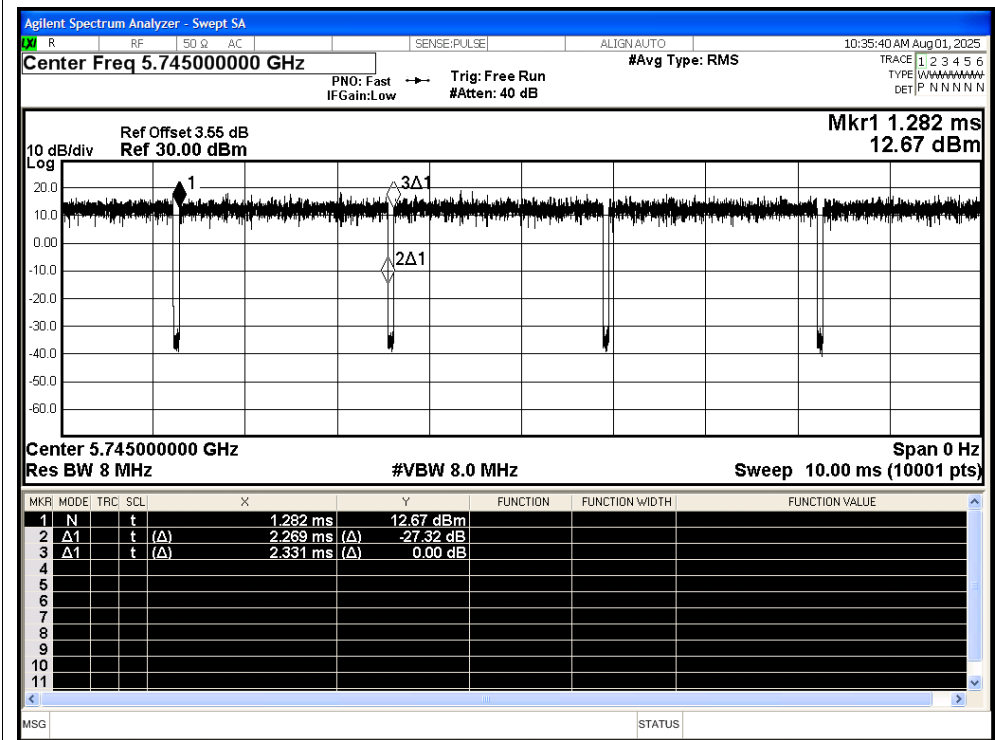
Duty Cycle NVNT n40 5755MHz Ant1



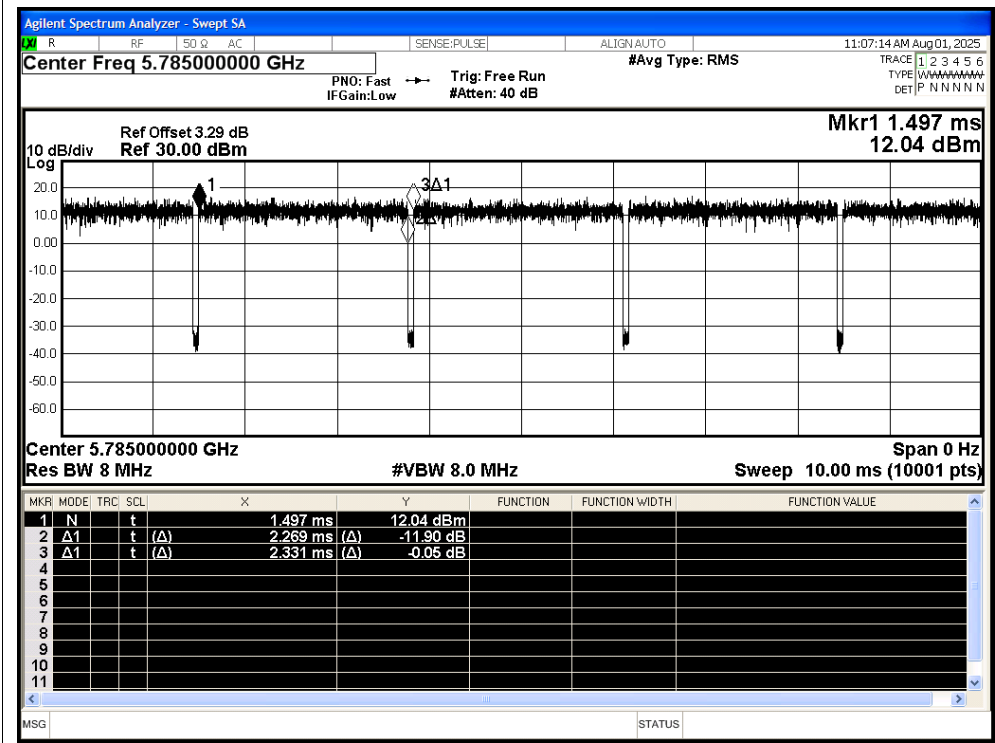
Duty Cycle NVNT n40 5795MHz Ant1



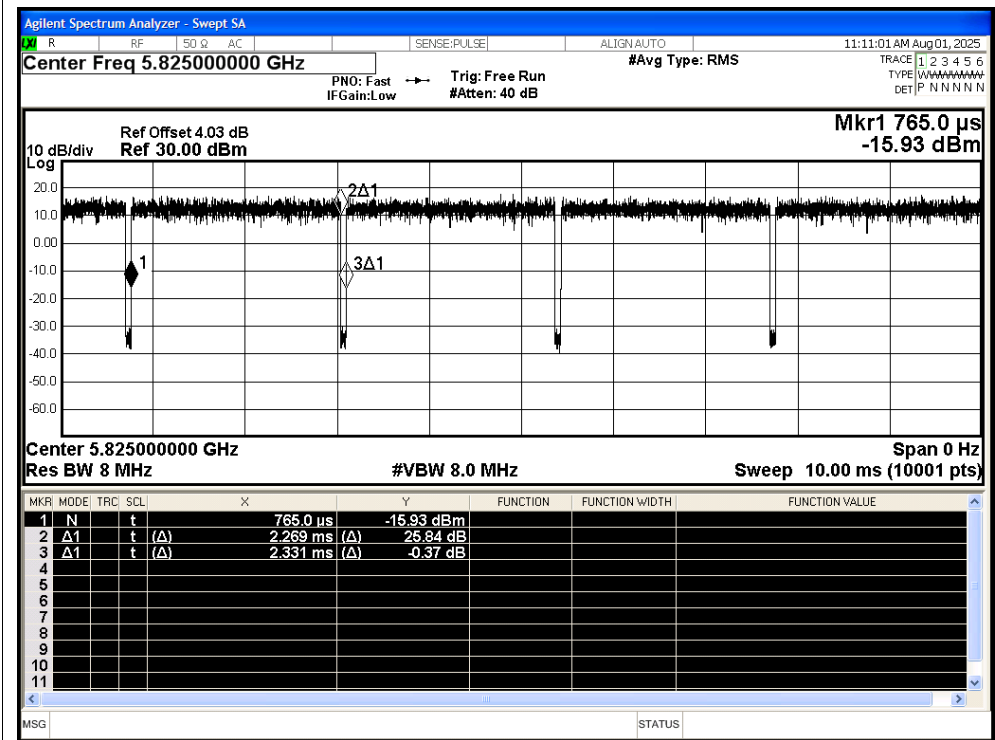
Duty Cycle NVNT ac20 5745MHz Ant1



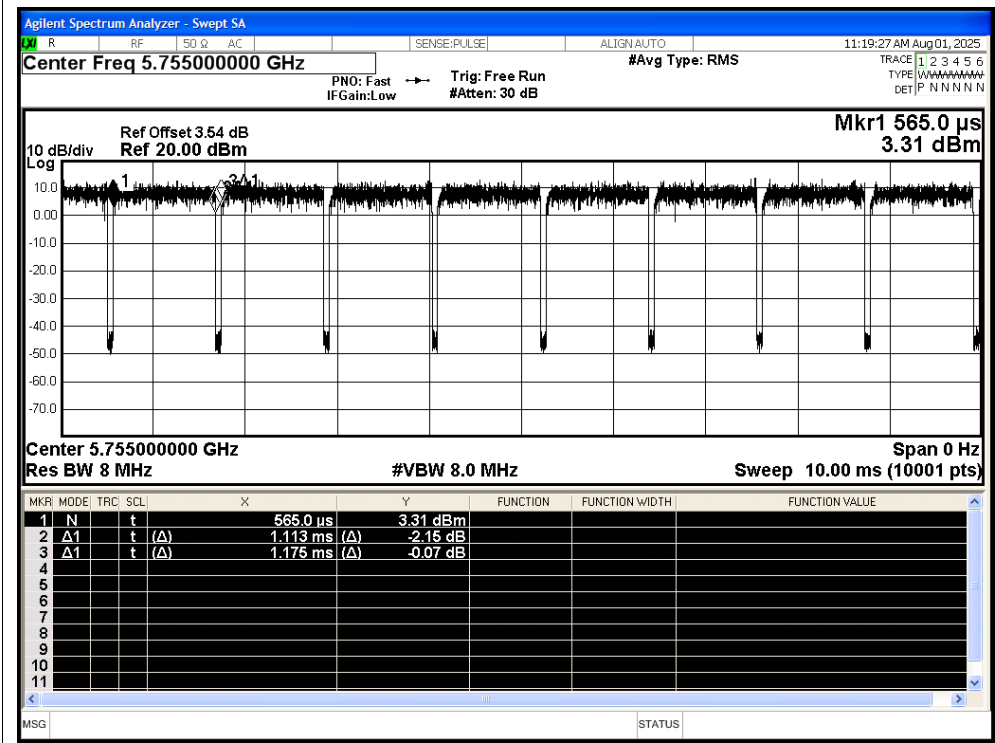
Duty Cycle NVNT ac20 5785MHz Ant1



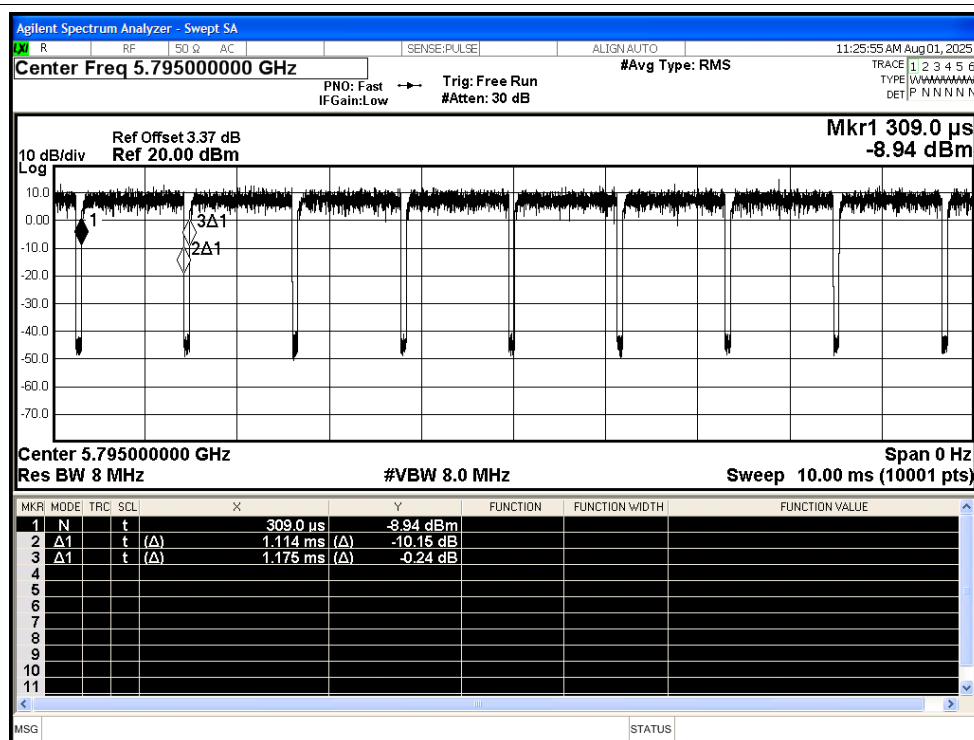
Duty Cycle NVNT ac20 5825MHz Ant1



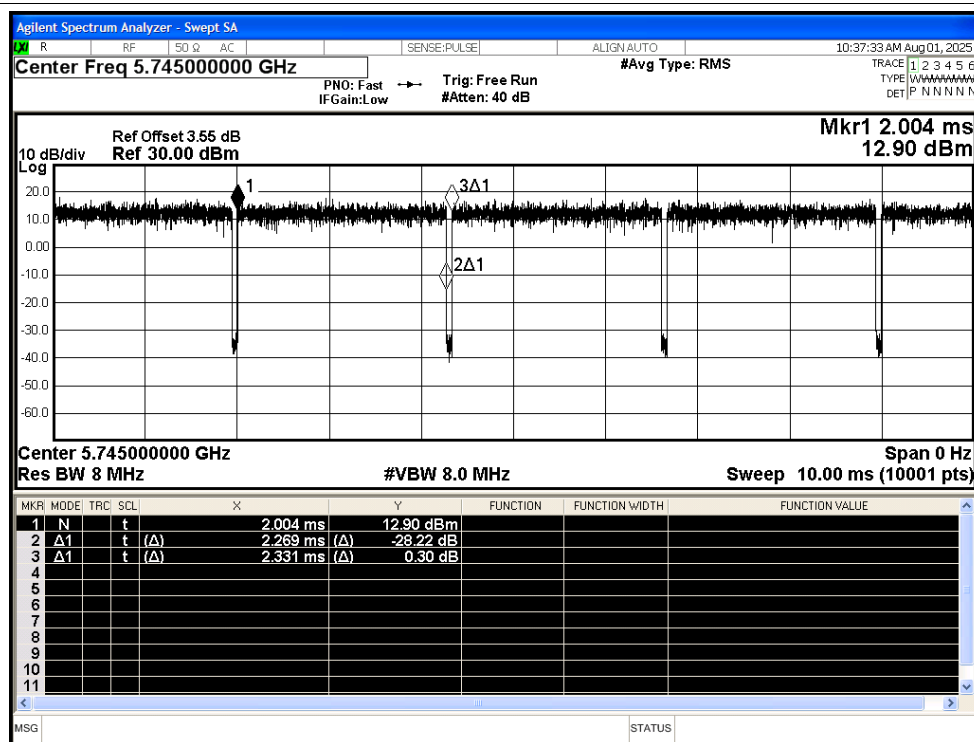
Duty Cycle NVNT ac40 5755MHz Ant1



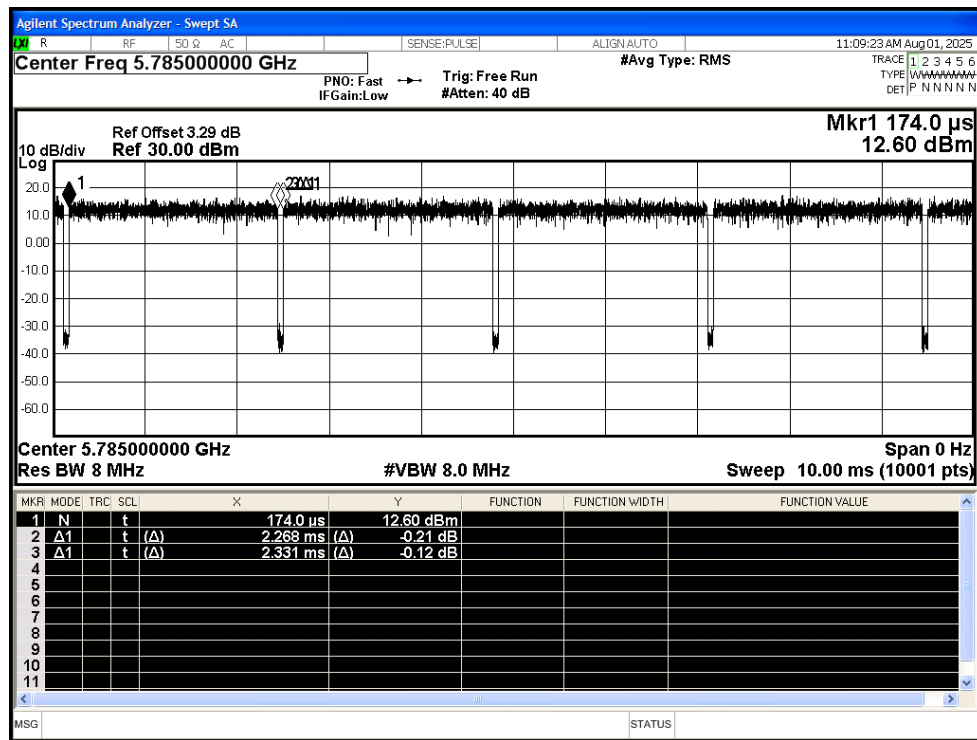
Duty Cycle NVNT ac40 5795MHz Ant1



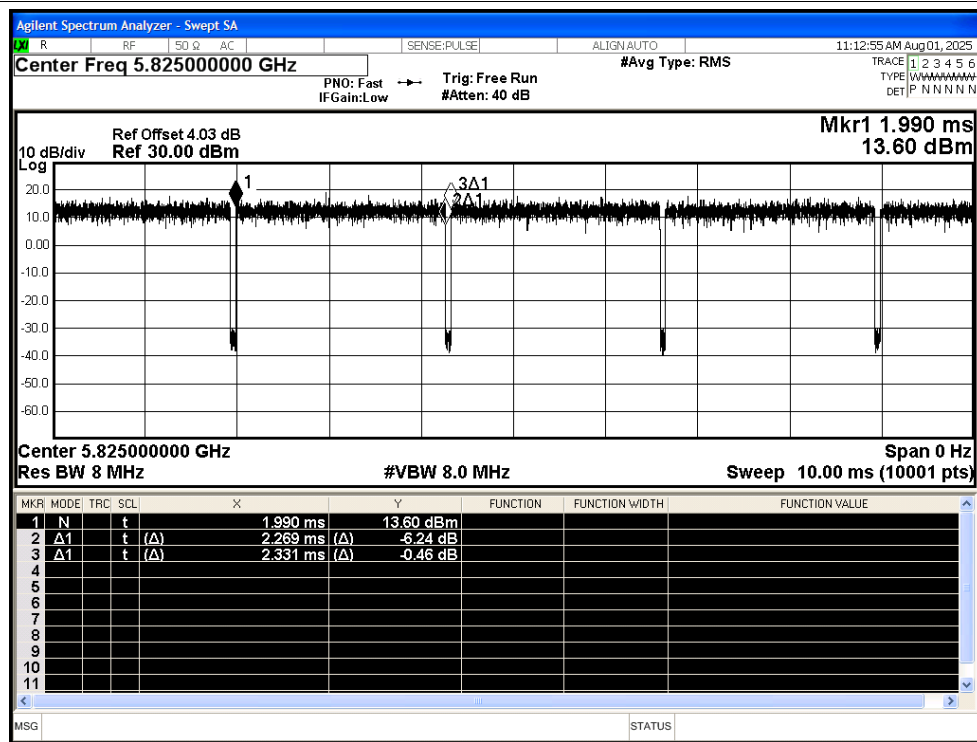
Duty Cycle NVNT ax20 5745MHz Ant1



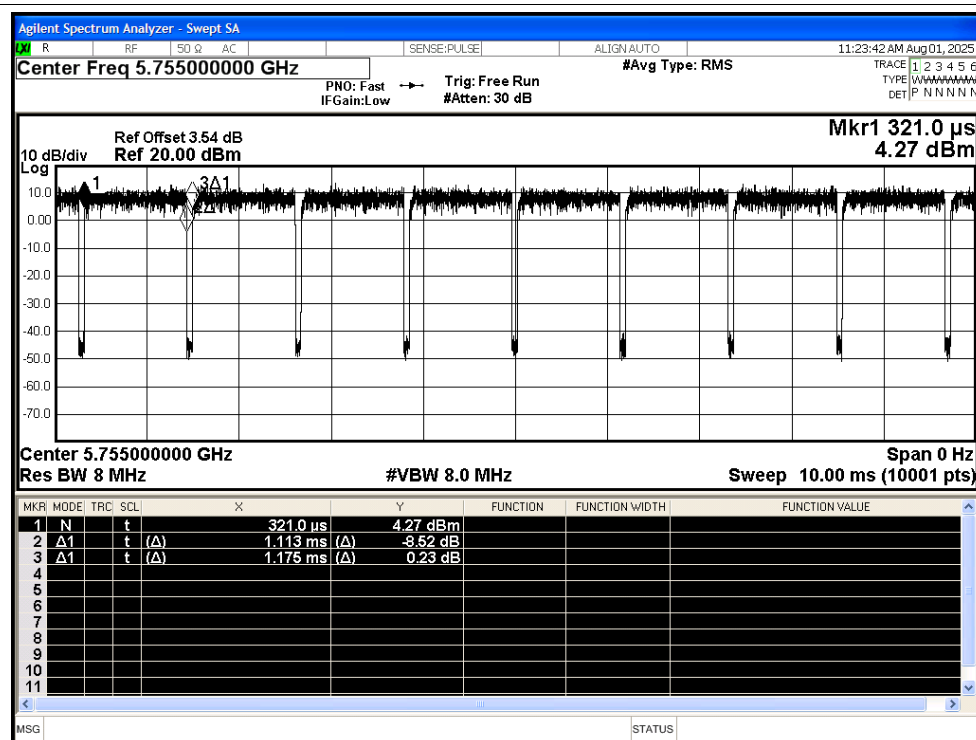
Duty Cycle NVNT ax20 5785MHz Ant1



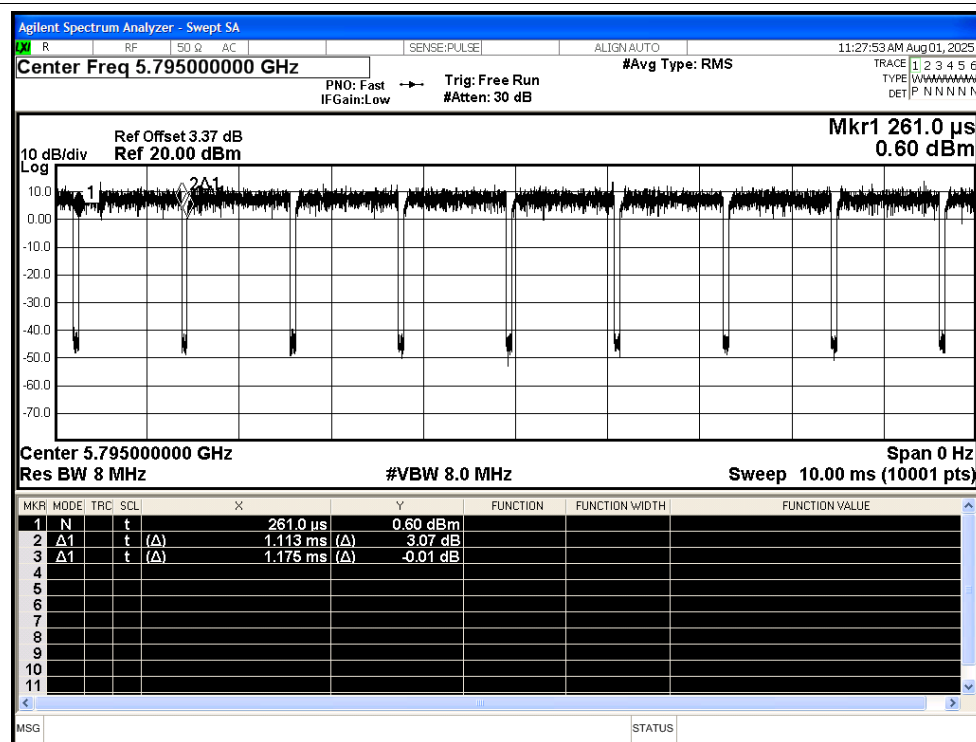
Duty Cycle NVNT ax20 5825MHz Ant1



Duty Cycle NVNT ax40 5755MHz Ant1



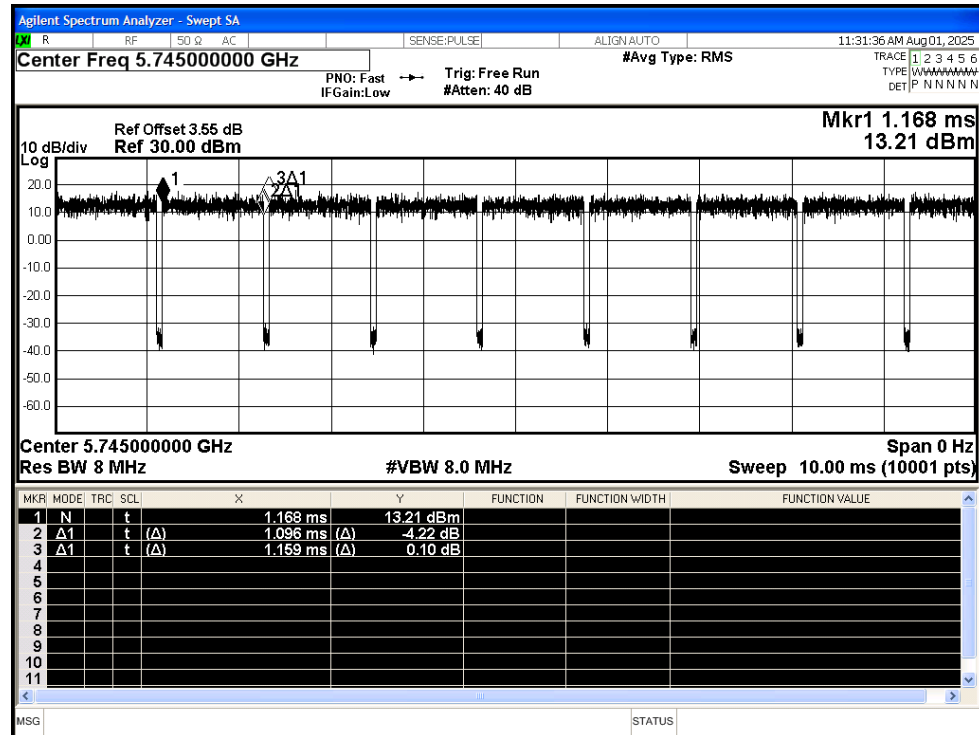
Duty Cycle NVNT ax40 5795MHz Ant1



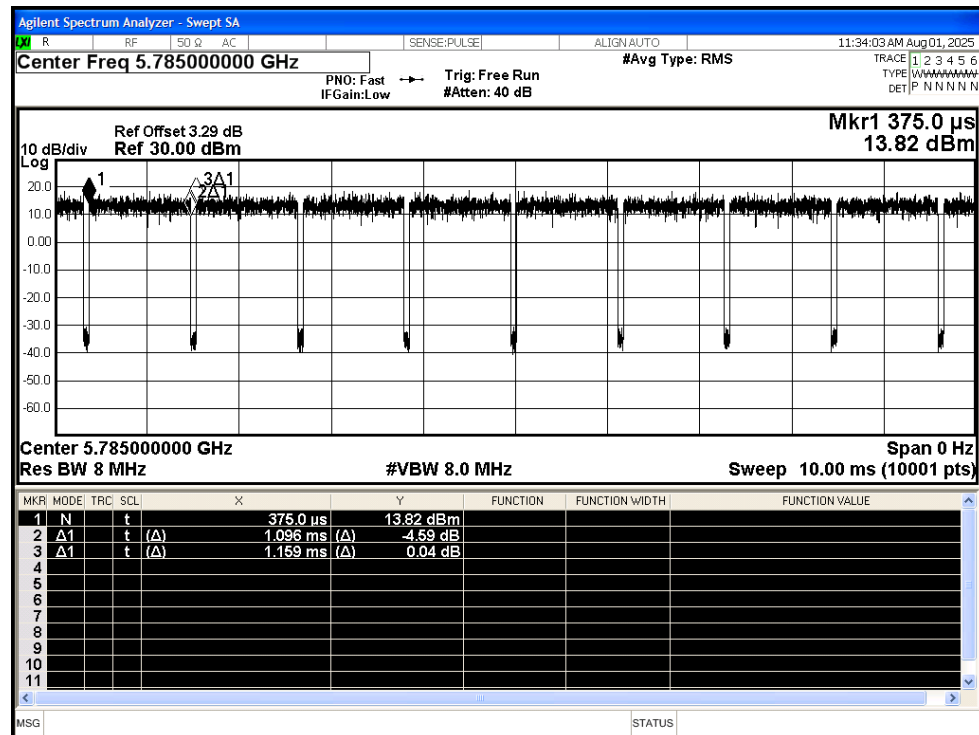
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant2	94.56	0.24	0.91
NVNT	a	5785	Ant2	94.56	0.24	0.91
NVNT	a	5825	Ant2	94.56	0.24	0.91
NVNT	n20	5745	Ant2	97.29	0.12	0.44
NVNT	n20	5785	Ant2	97.29	0.12	0.44
NVNT	n20	5825	Ant2	97.29	0.12	0.44
NVNT	n40	5755	Ant2	94.71	0.24	0.9
NVNT	n40	5795	Ant2	94.71	0.24	0.9
NVNT	ac20	5745	Ant2	97.34	0.12	0.44
NVNT	ac20	5785	Ant2	97.34	0.12	0.44
NVNT	ac20	5825	Ant2	97.34	0.12	0.44
NVNT	ac40	5755	Ant2	94.72	0.24	0.9
NVNT	ac40	5795	Ant2	94.72	0.24	0.9
NVNT	ax20	5745	Ant2	97.3	0.12	0.44
NVNT	ax20	5785	Ant2	97.34	0.12	0.44
NVNT	ax20	5825	Ant2	97.3	0.12	0.44
NVNT	ax40	5755	Ant2	94.72	0.24	0.9
NVNT	ax40	5795	Ant2	94.72	0.24	0.9

Test Graphs

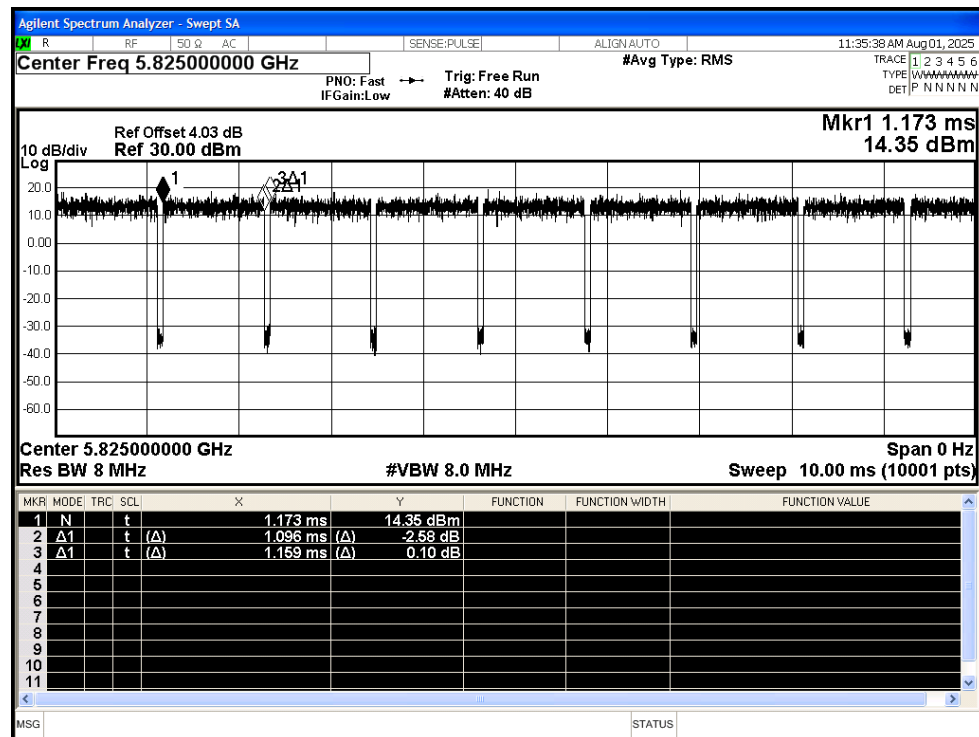
Duty Cycle NVNT a 5745MHz Ant2



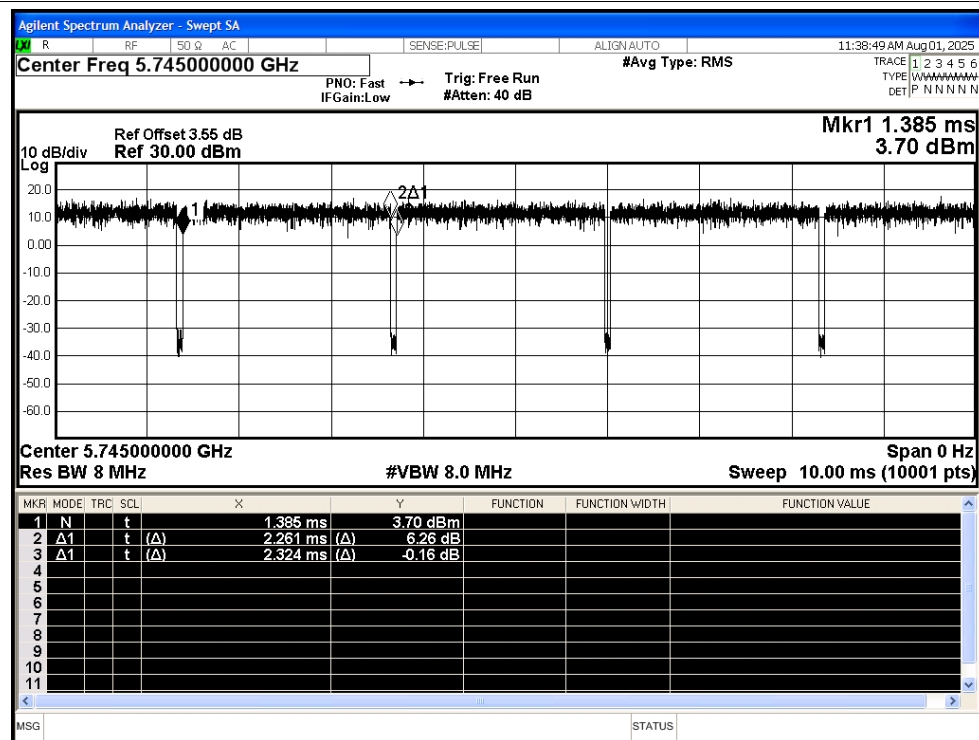
Duty Cycle NVNT a 5785MHz Ant2



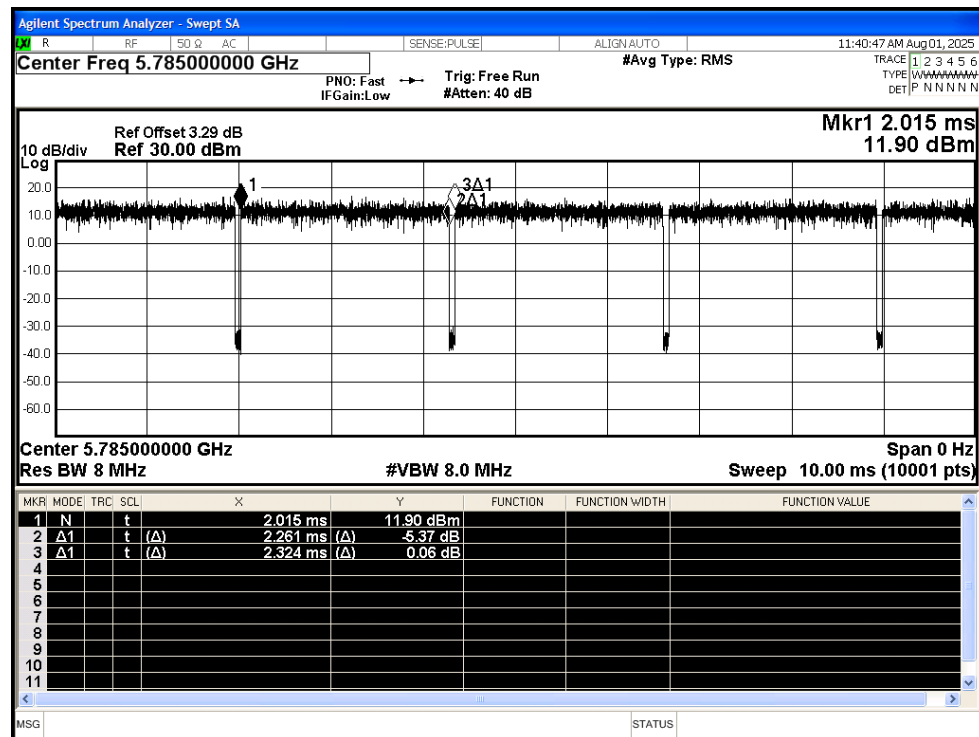
Duty Cycle NVNT a 5825MHz Ant2



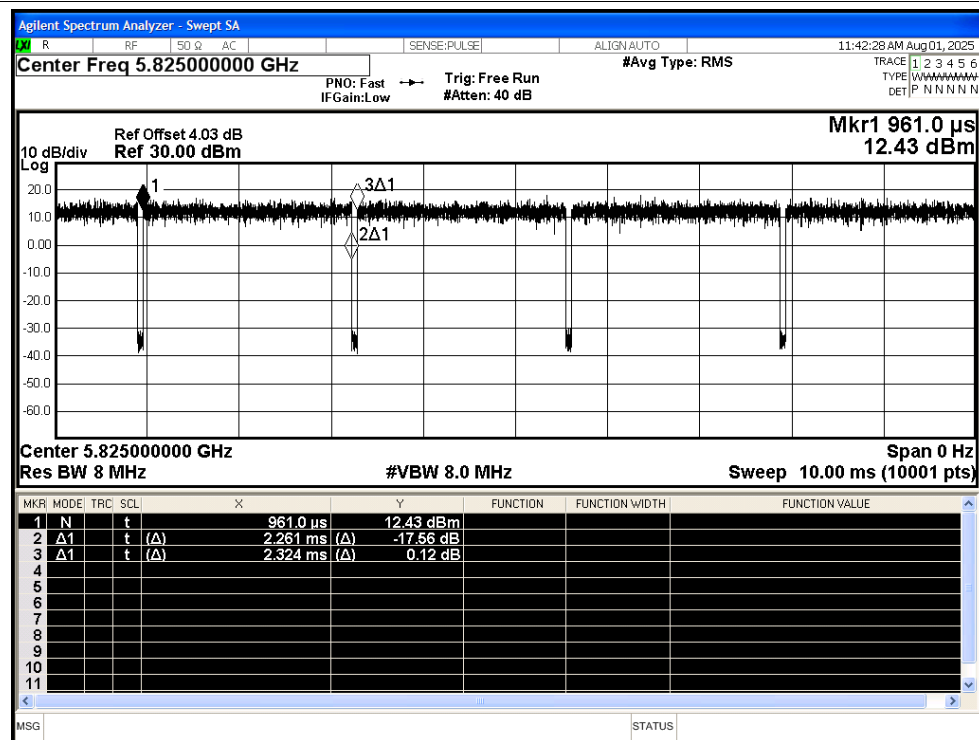
Duty Cycle NVNT n20 5745MHz Ant2



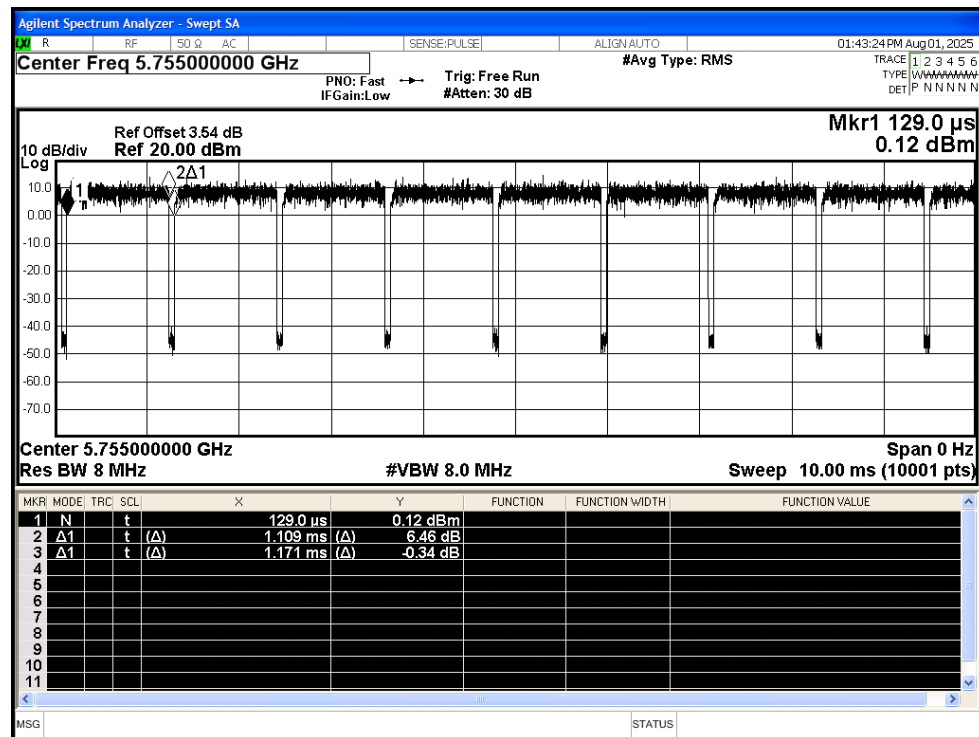
Duty Cycle NVNT n20 5785MHz Ant2



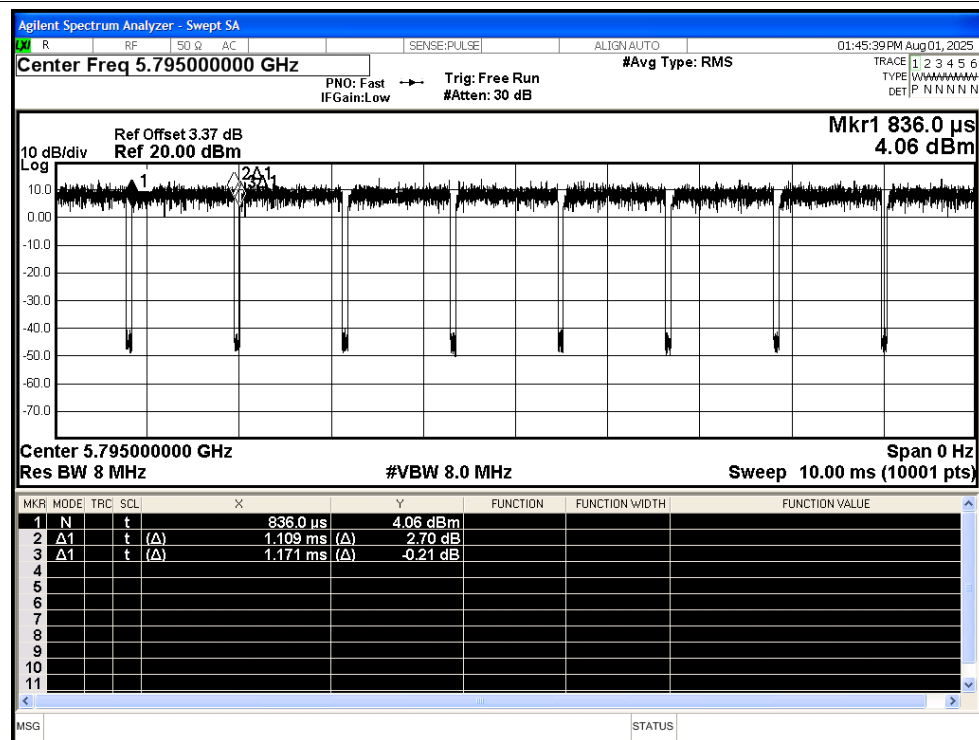
Duty Cycle NVNT n20 5825MHz Ant2



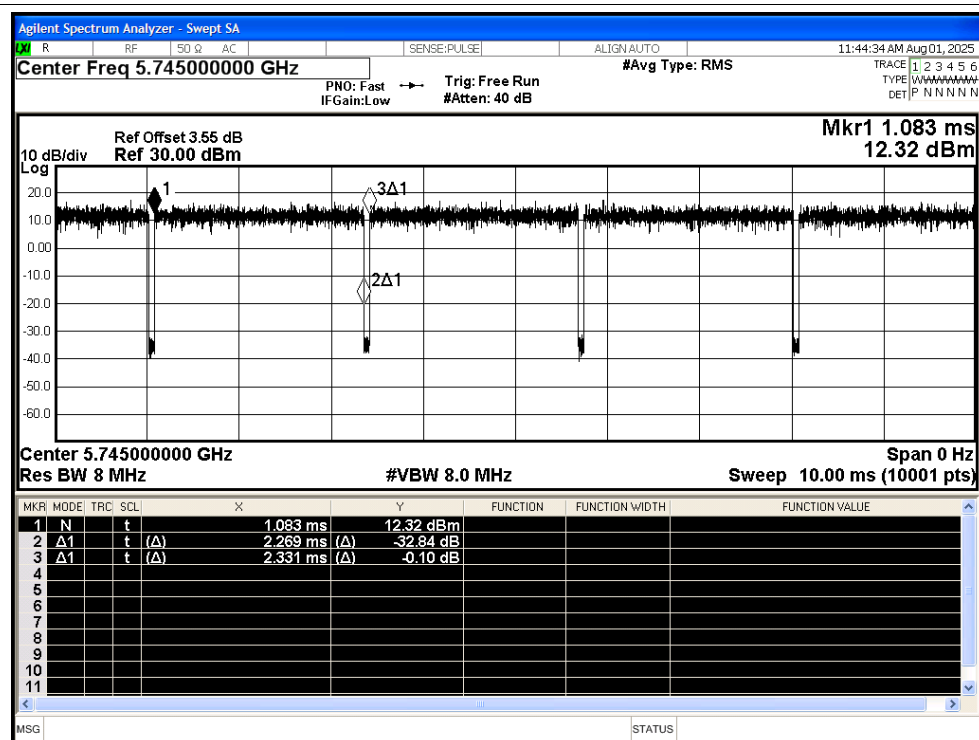
Duty Cycle NVNT n40 5755MHz Ant2



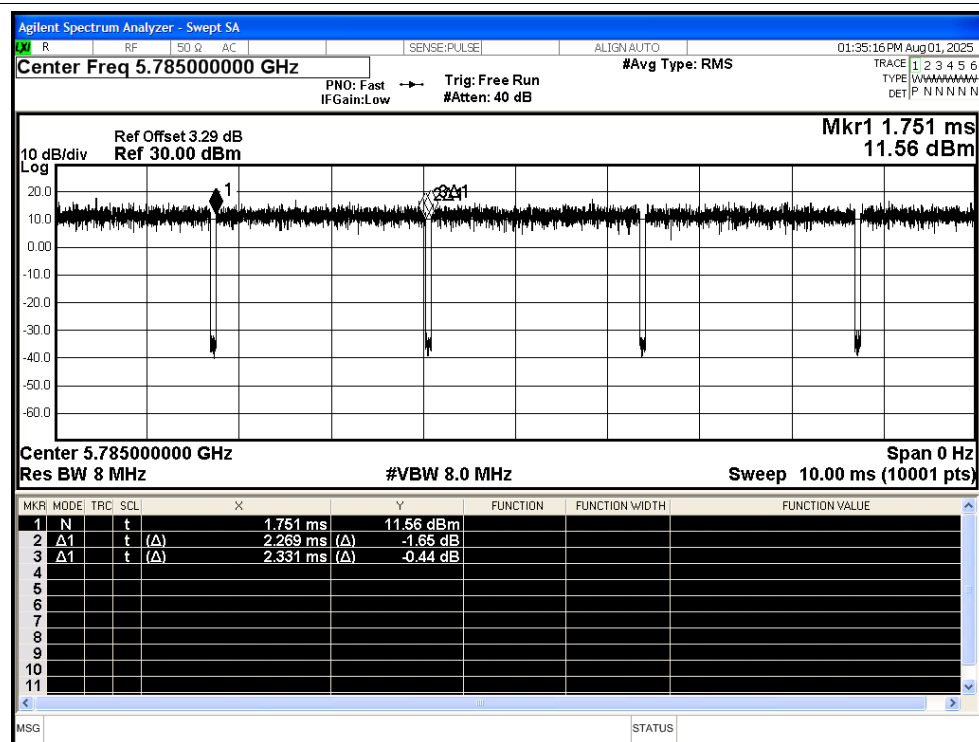
Duty Cycle NVNT n40 5795MHz Ant2



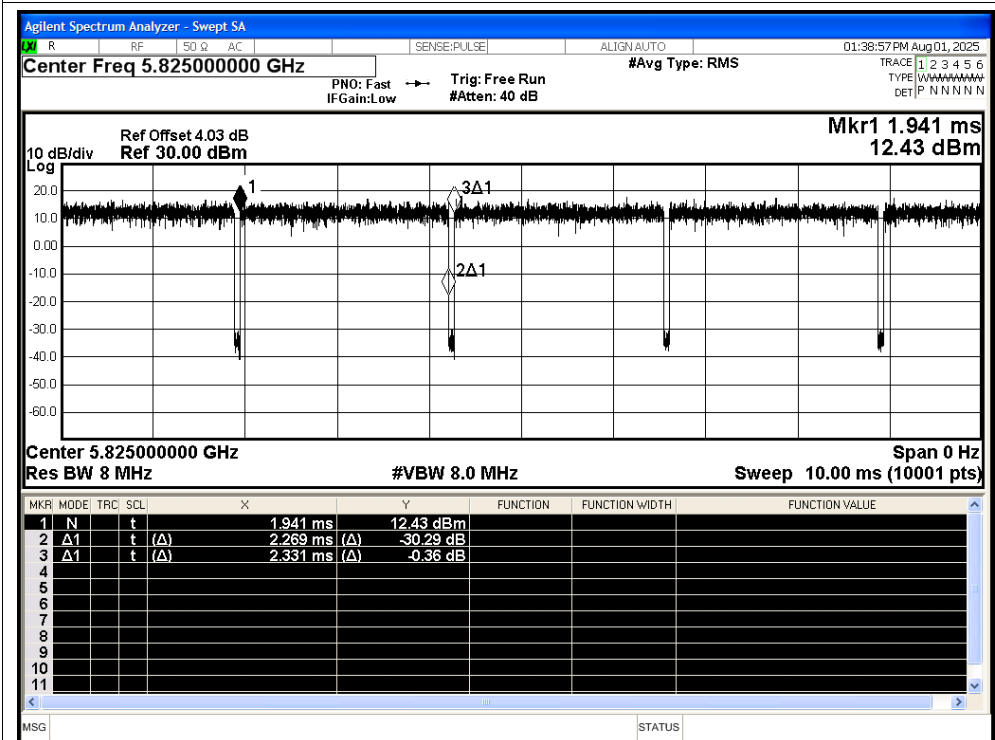
Duty Cycle NVNT ac20 5745MHz Ant2



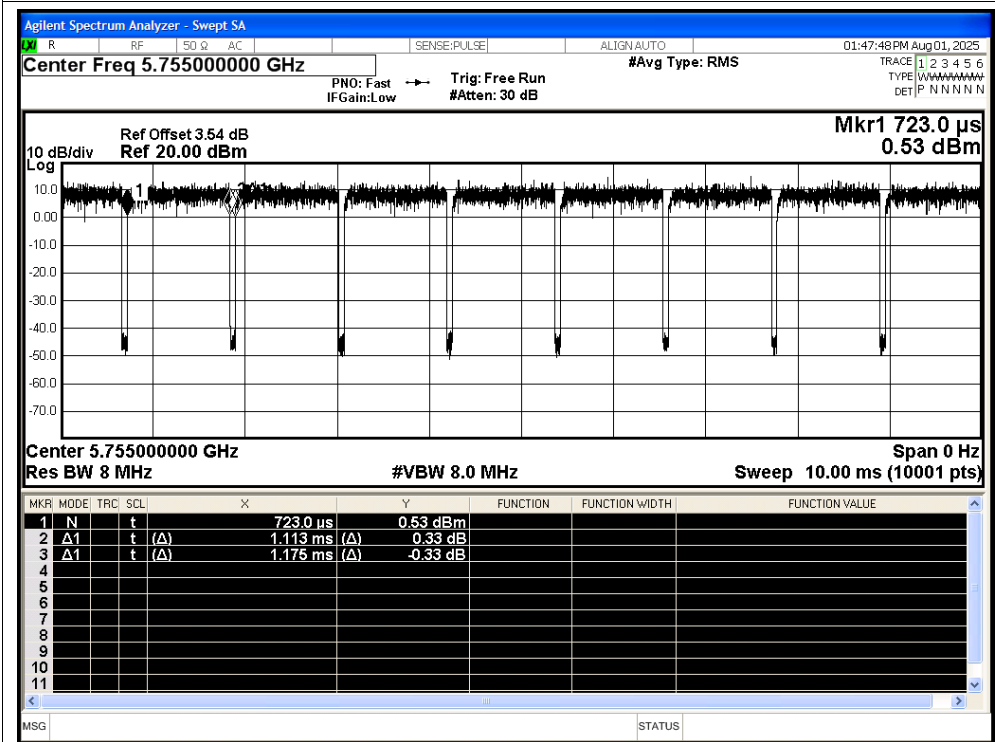
Duty Cycle NVNT ac20 5785MHz Ant2



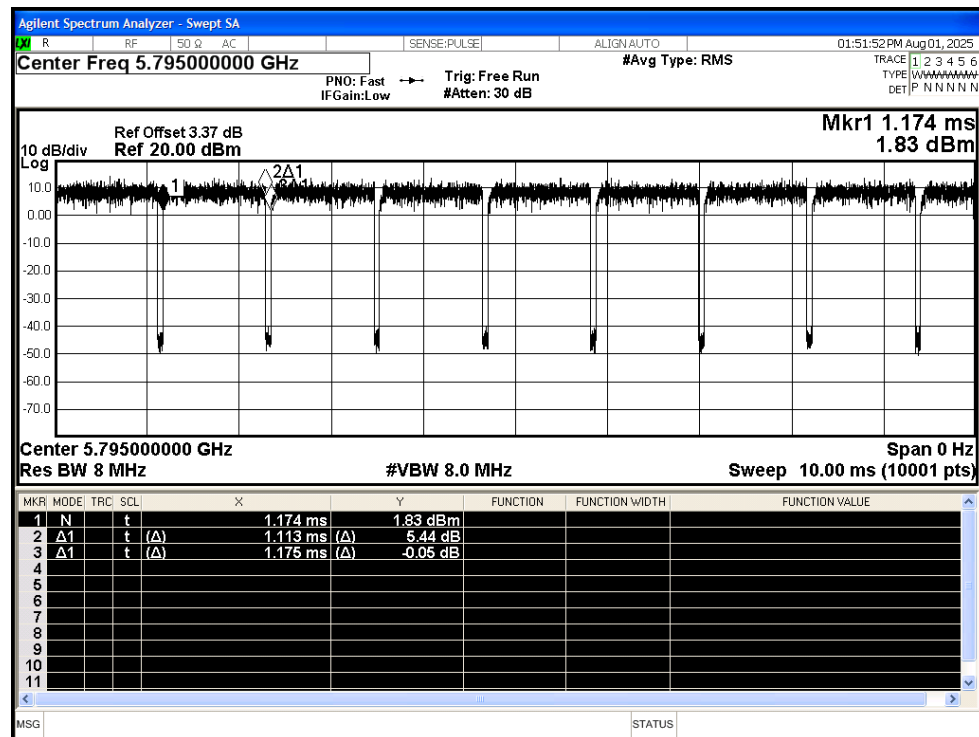
Duty Cycle NVNT ac20 5825MHz Ant2



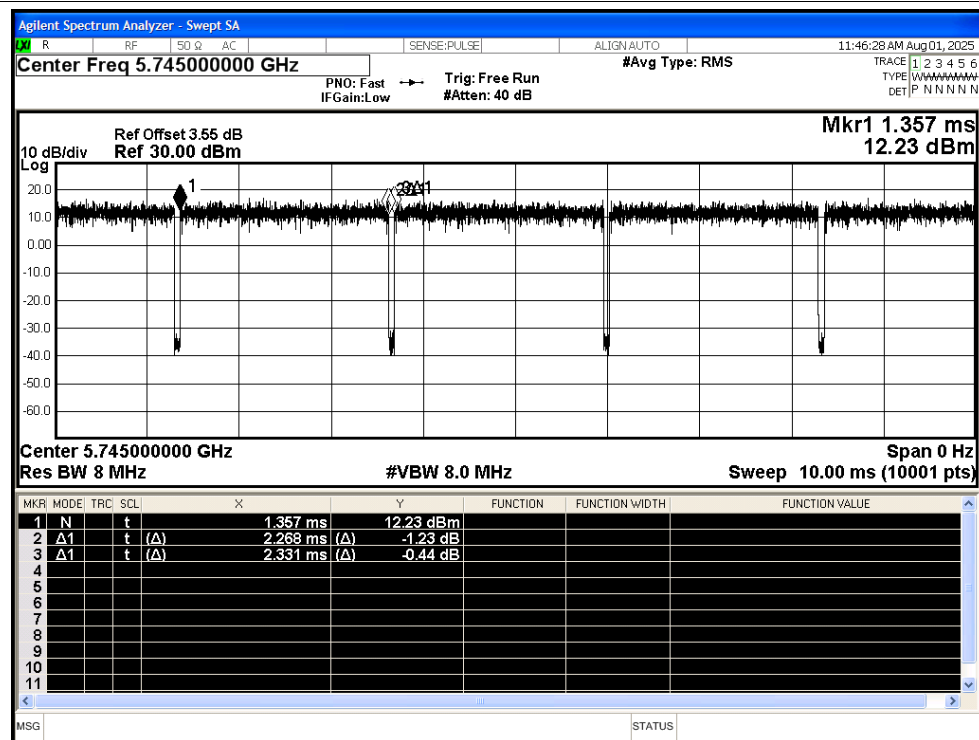
Duty Cycle NVNT ac40 5755MHz Ant2



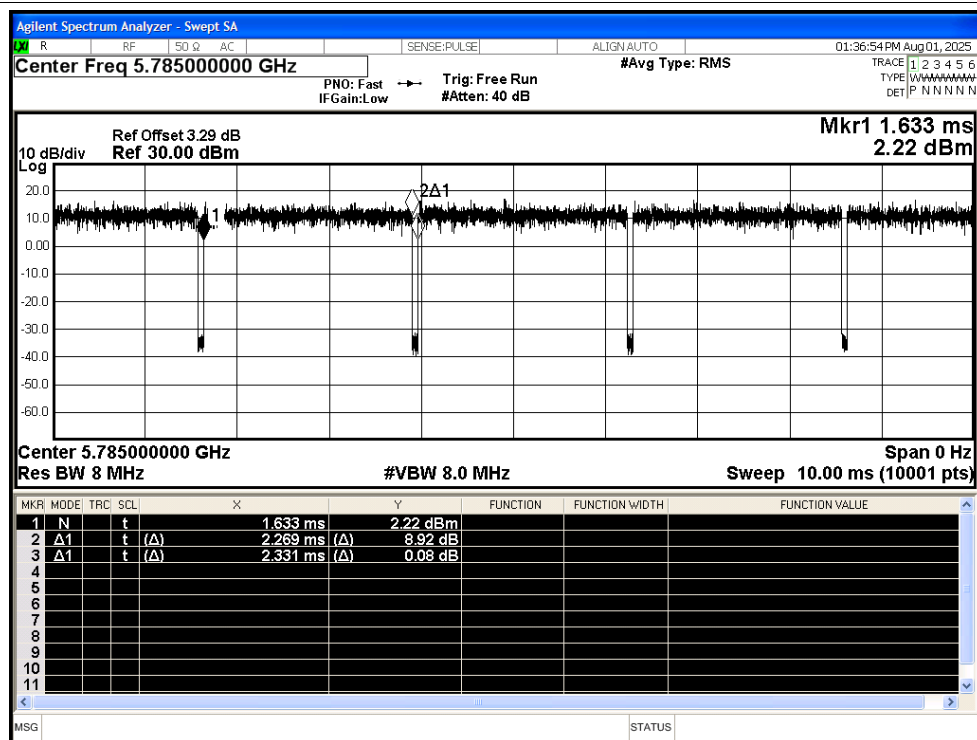
Duty Cycle NVNT ac40 5795MHz Ant2



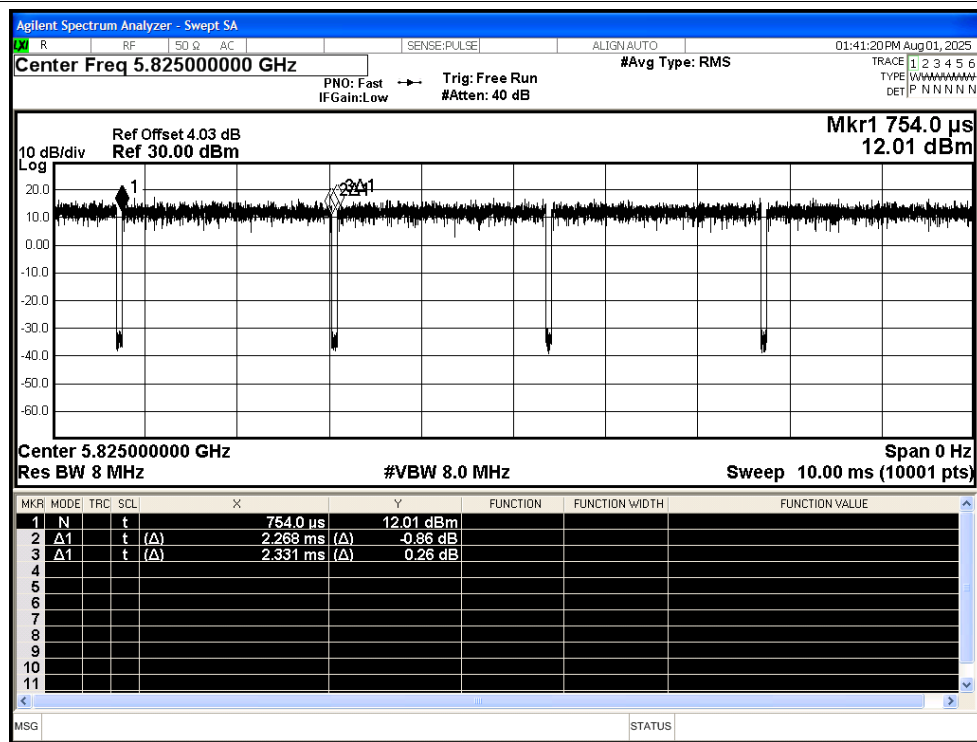
Duty Cycle NVNT ax20 5745MHz Ant2



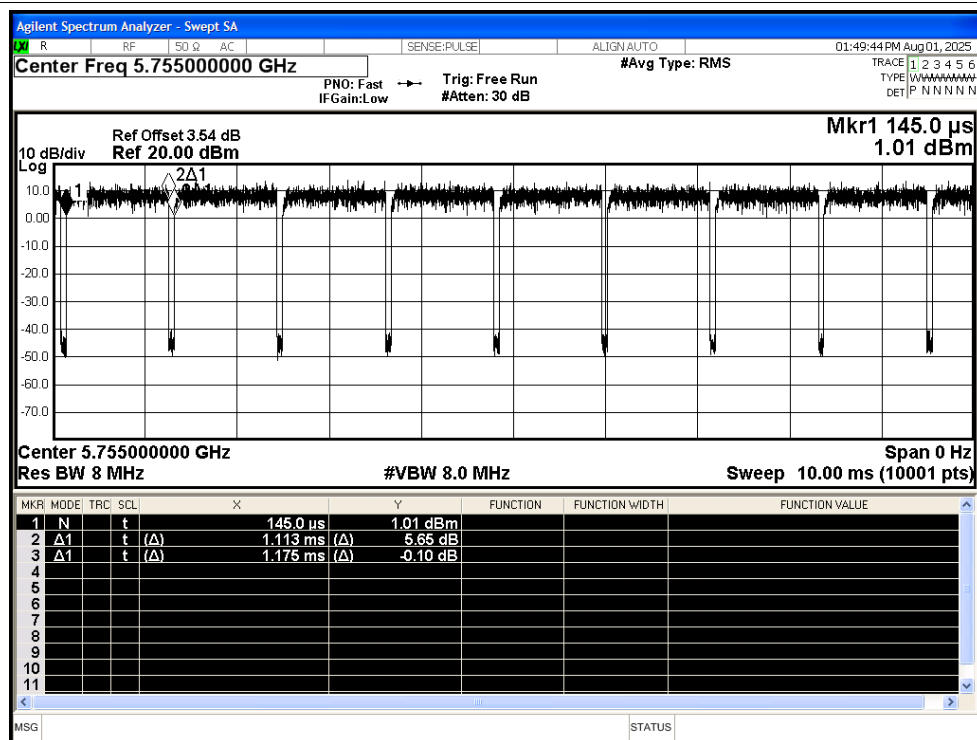
Duty Cycle NVNT ax20 5785MHz Ant2



Duty Cycle NVNT ax20 5825MHz Ant2



Duty Cycle NVNT ax40 5755MHz Ant2



Duty Cycle NVNT ax40 5795MHz Ant2

