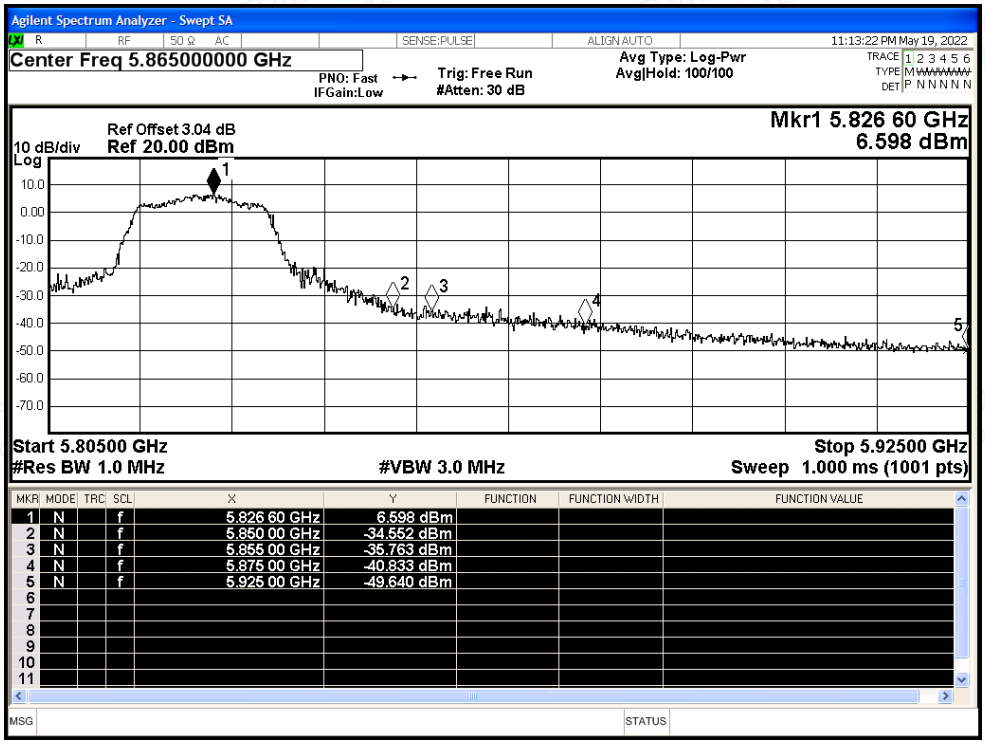
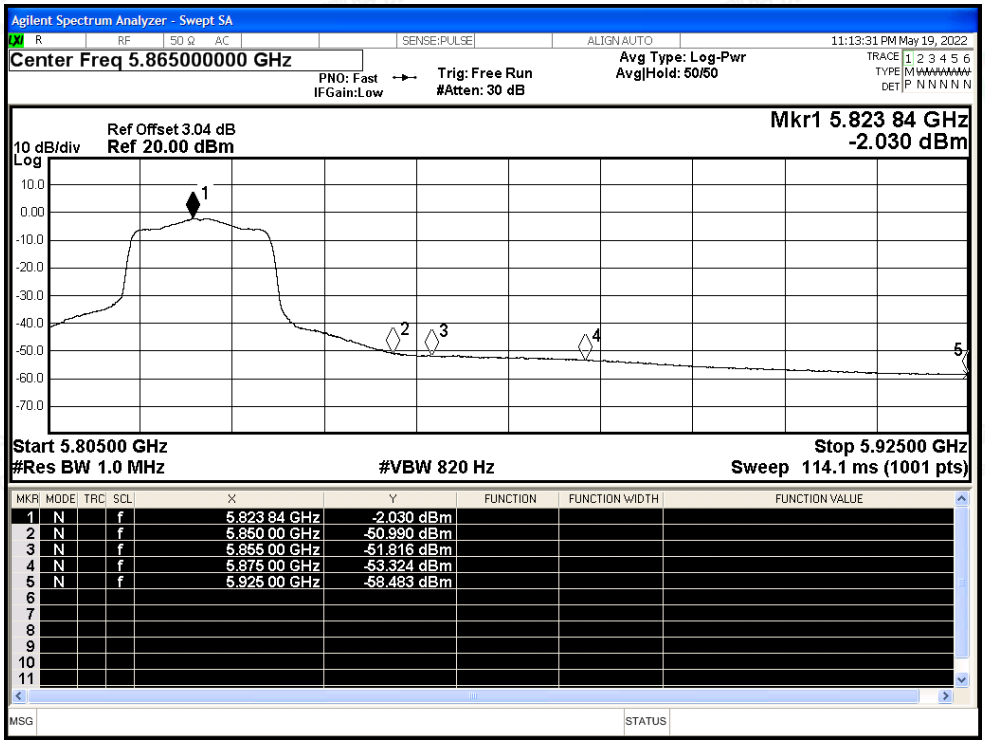
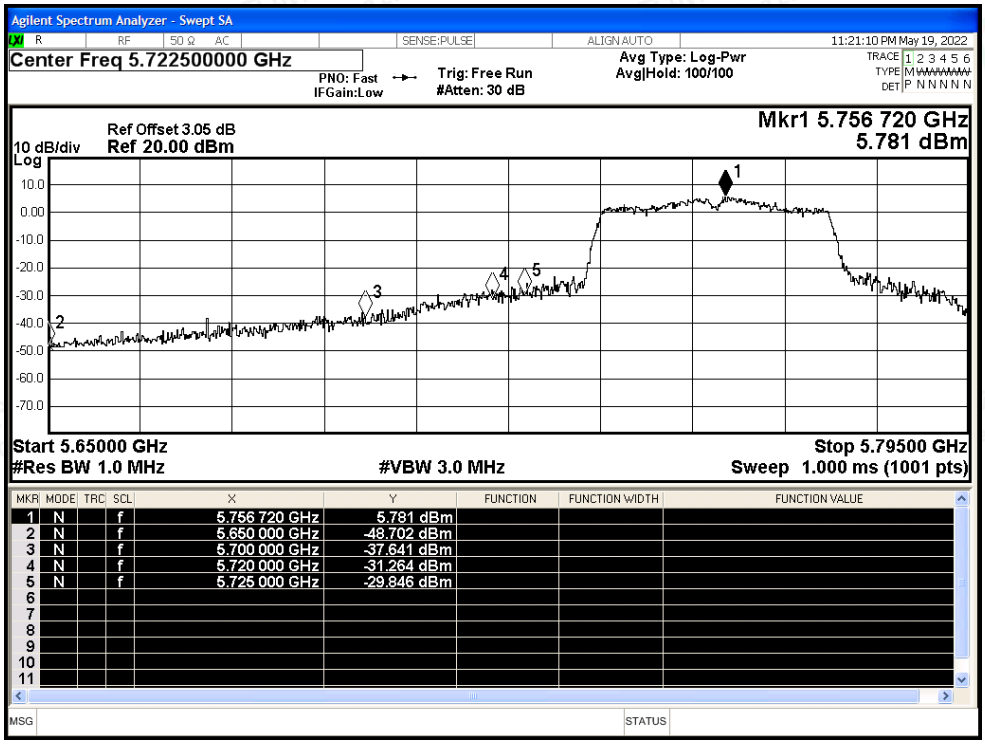
Restrict Band NVNT ac20 5825MHz Ant0 Peak



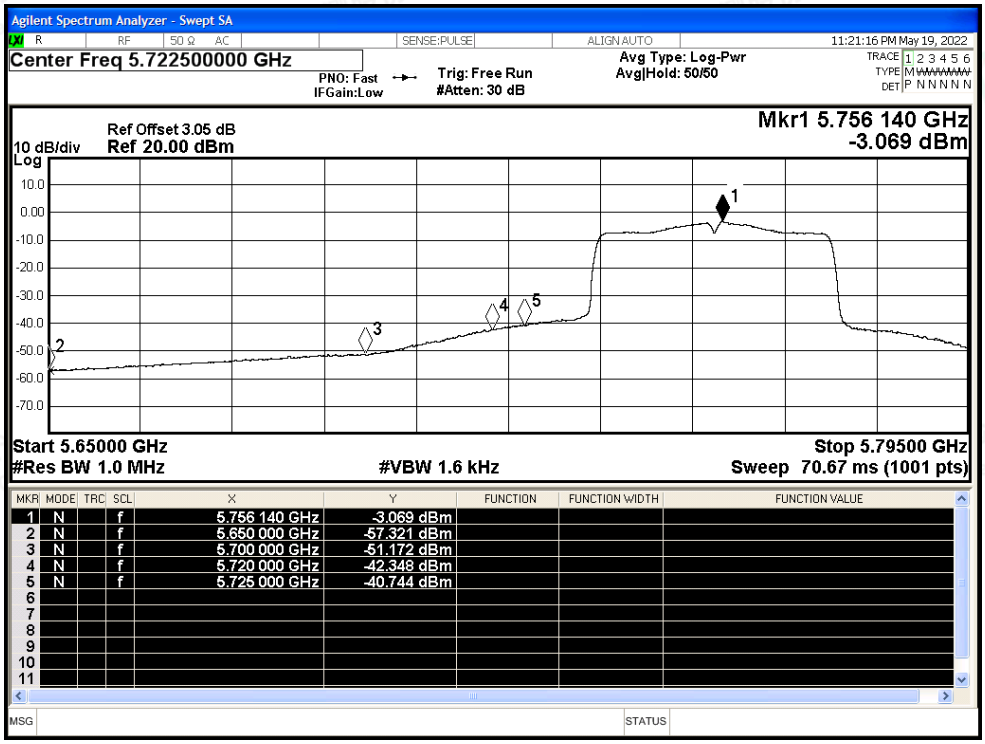
Restrict Band NVNT ac20 5825MHz Ant0 Average



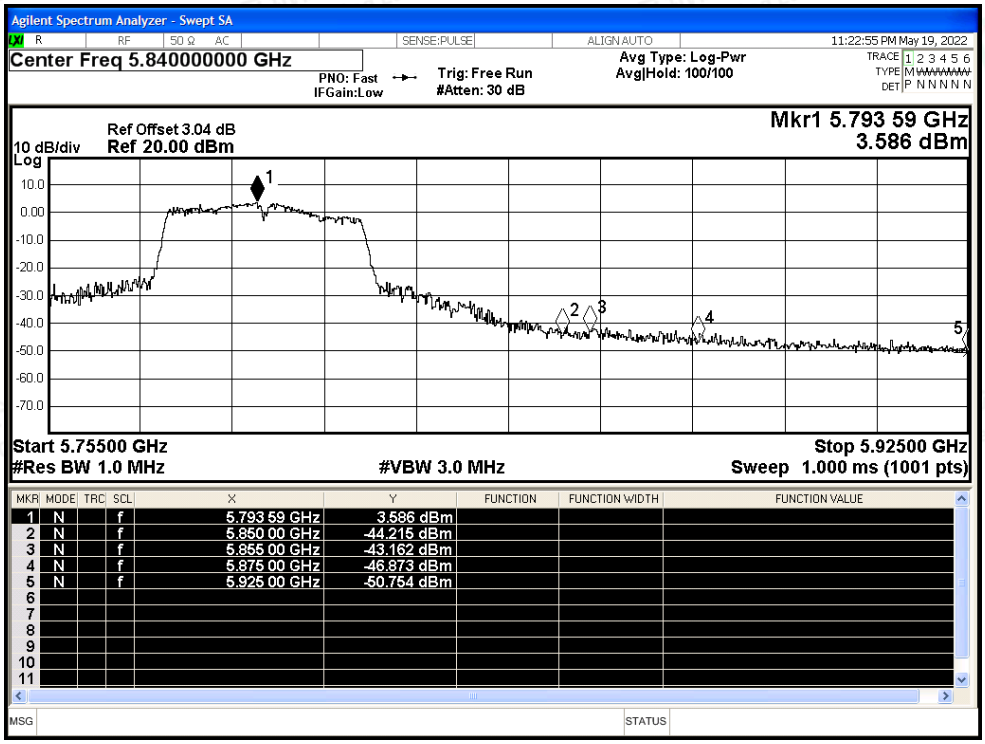
Restrict Band NVNT ac40 5755MHz Ant0 Peak



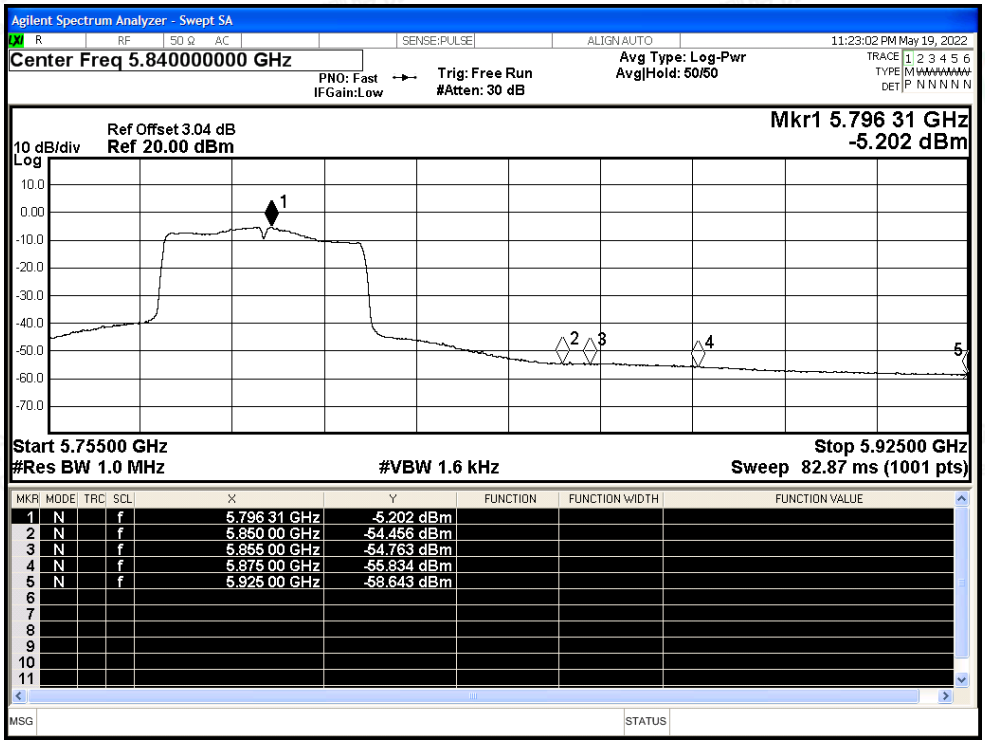
Restrict Band NVNT ac40 5755MHz Ant0 Average



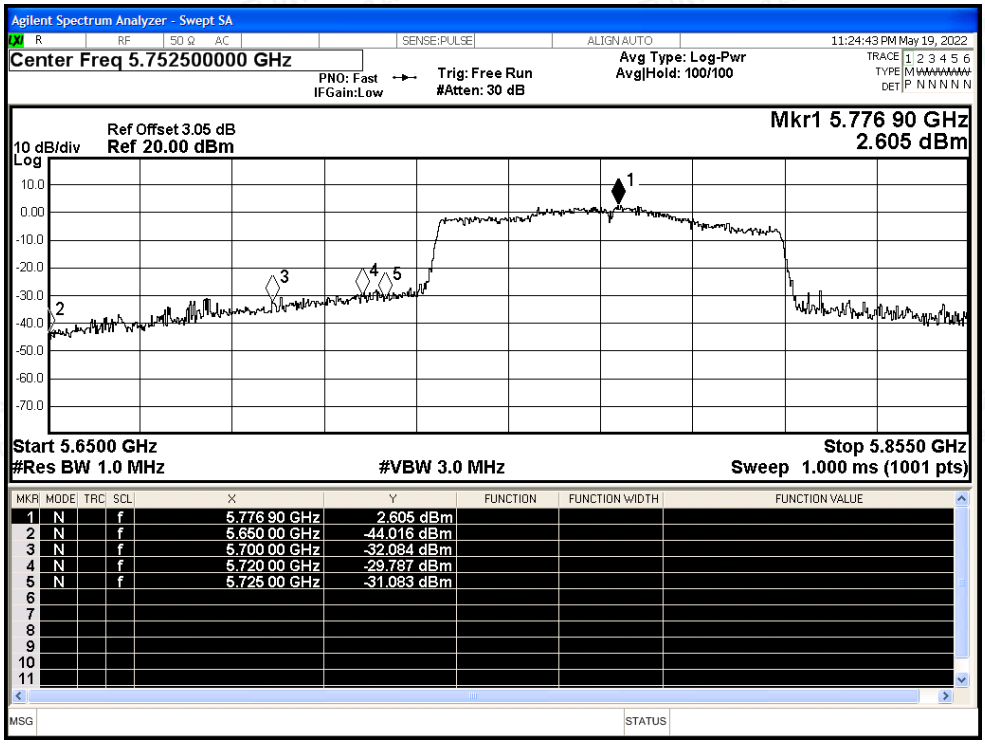
Restrict Band NVNT ac40 5795MHz Ant0 Peak



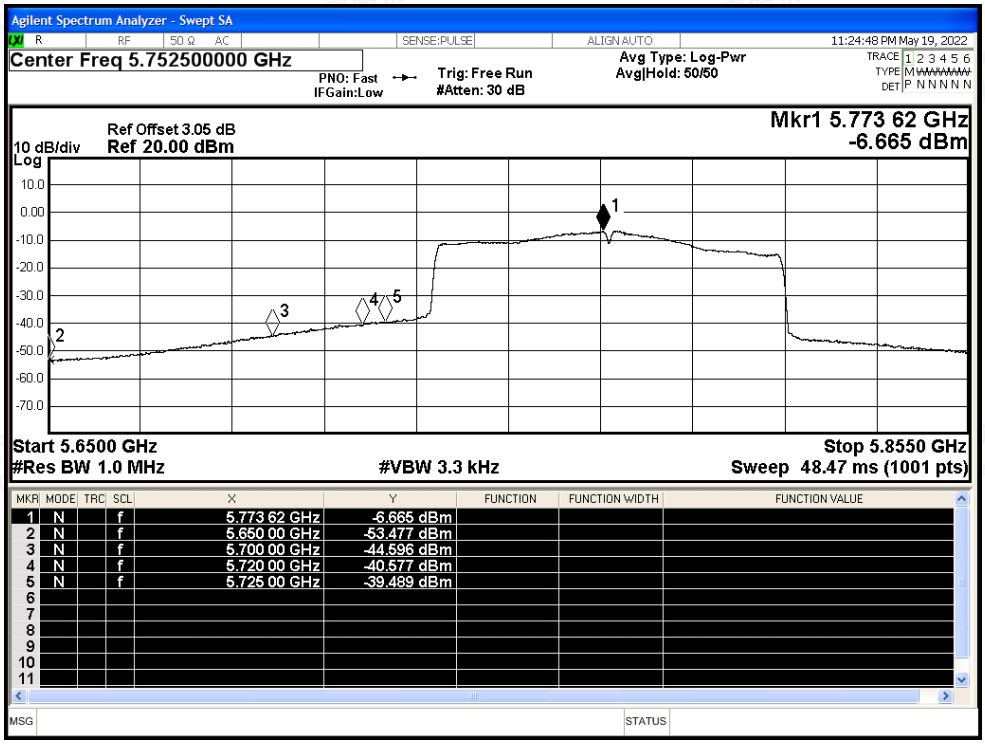
Restrict Band NVNT ac40 5795MHz Ant0 Average



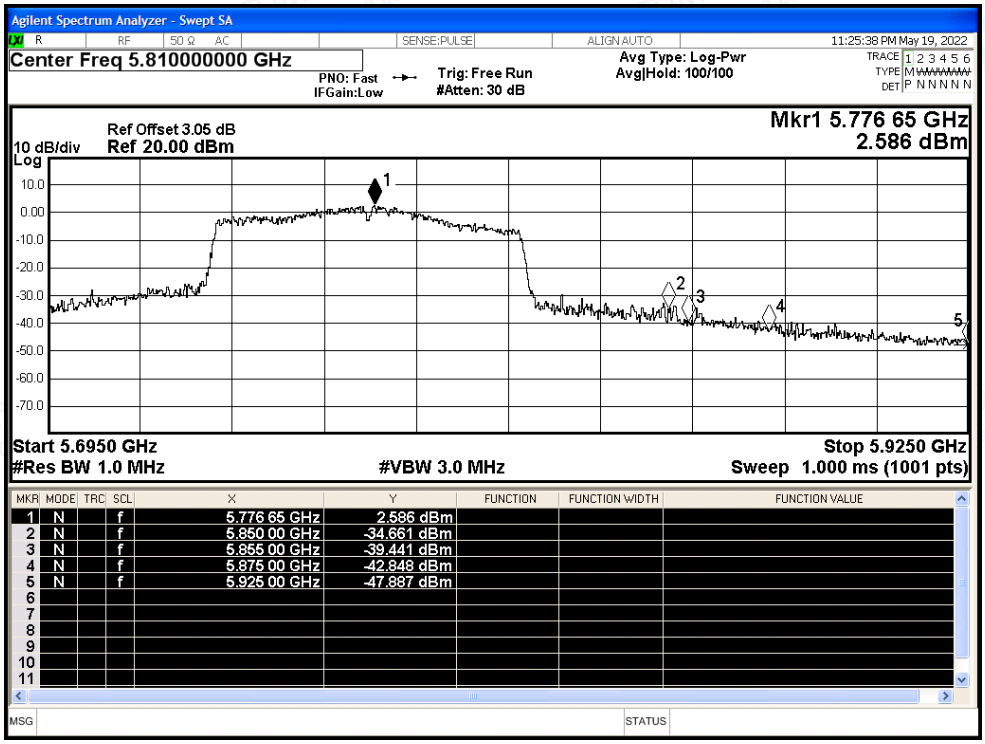
Restrict Band NVNT ac80 5775MHz Ant0 Peak



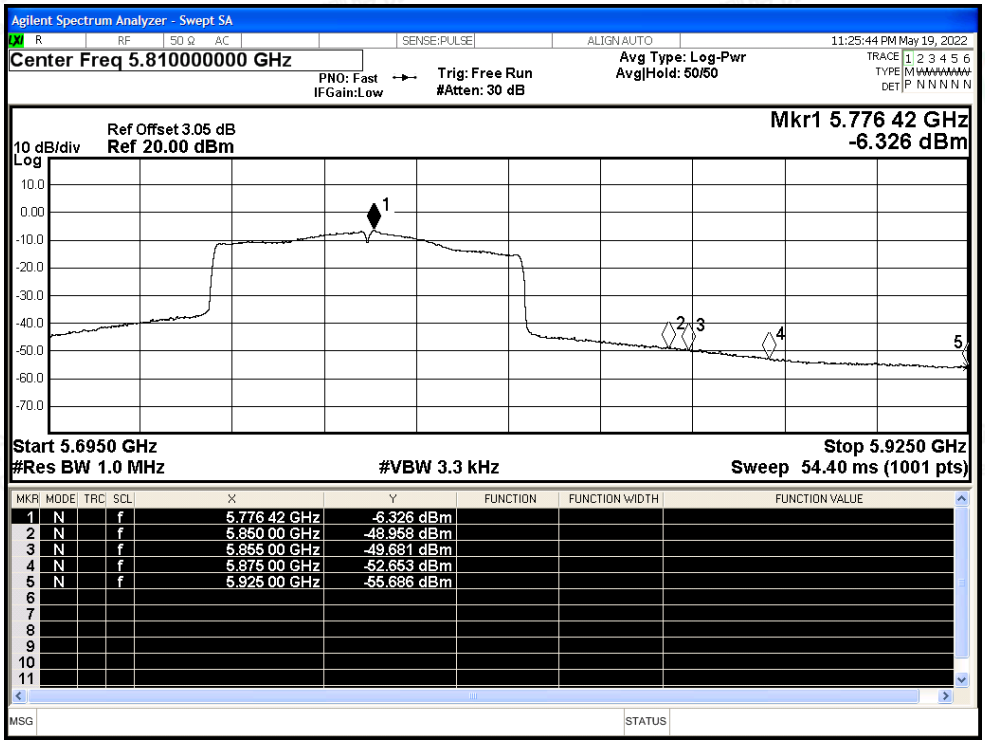
Restrict Band NVNT ac80 5775MHz Ant0 Average



Restrict Band NVNT ac80 5775MHz Ant0 Peak

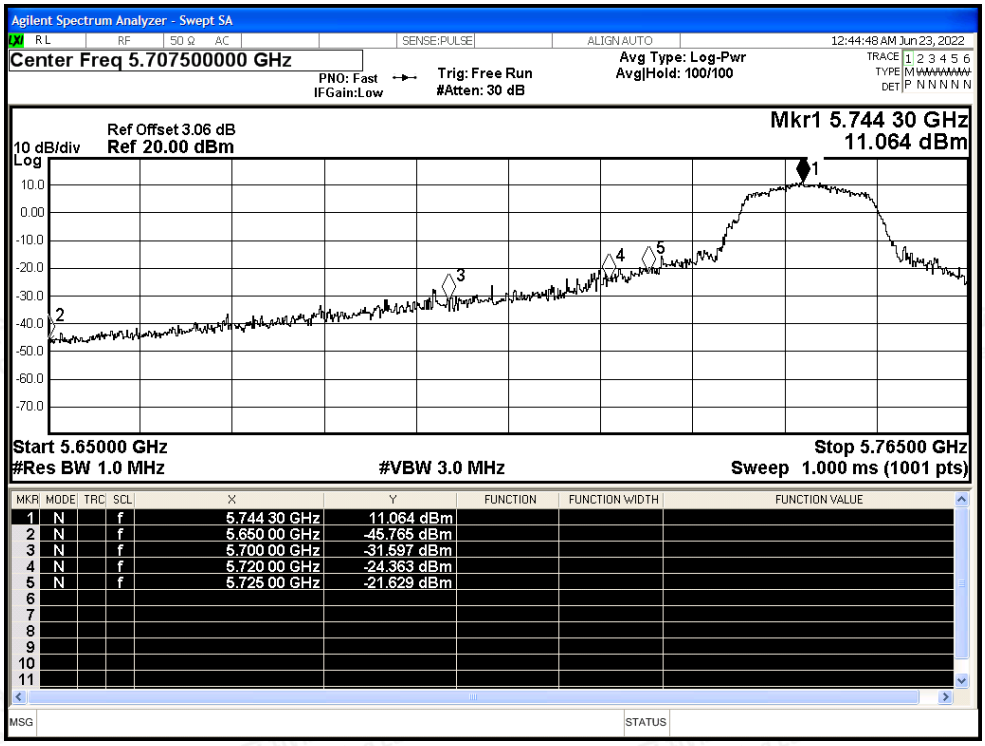


Restrict Band NVNT ac80 5775MHz Ant0 Average

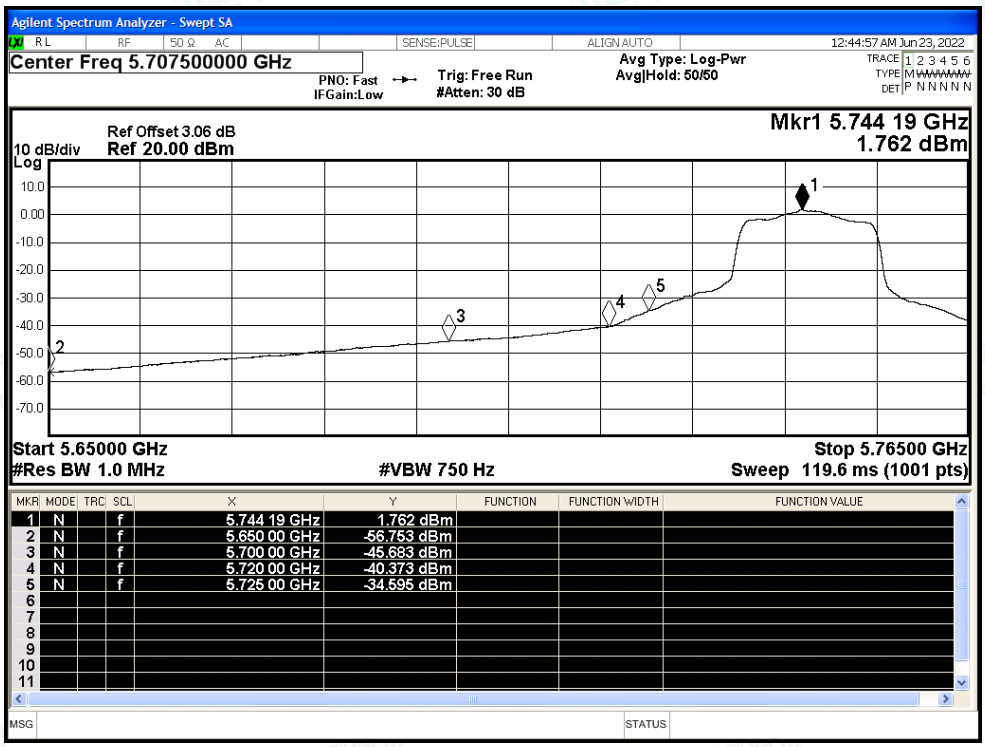


Test Graphs

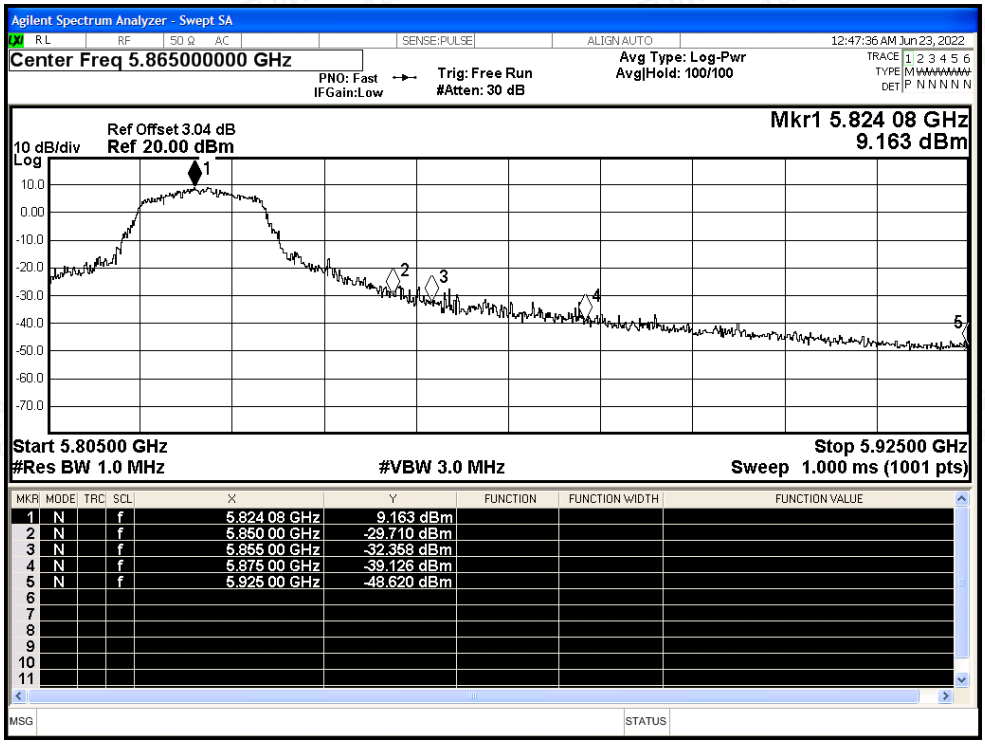
Restrict Band NVNT a 5745MHz Ant1 Peak



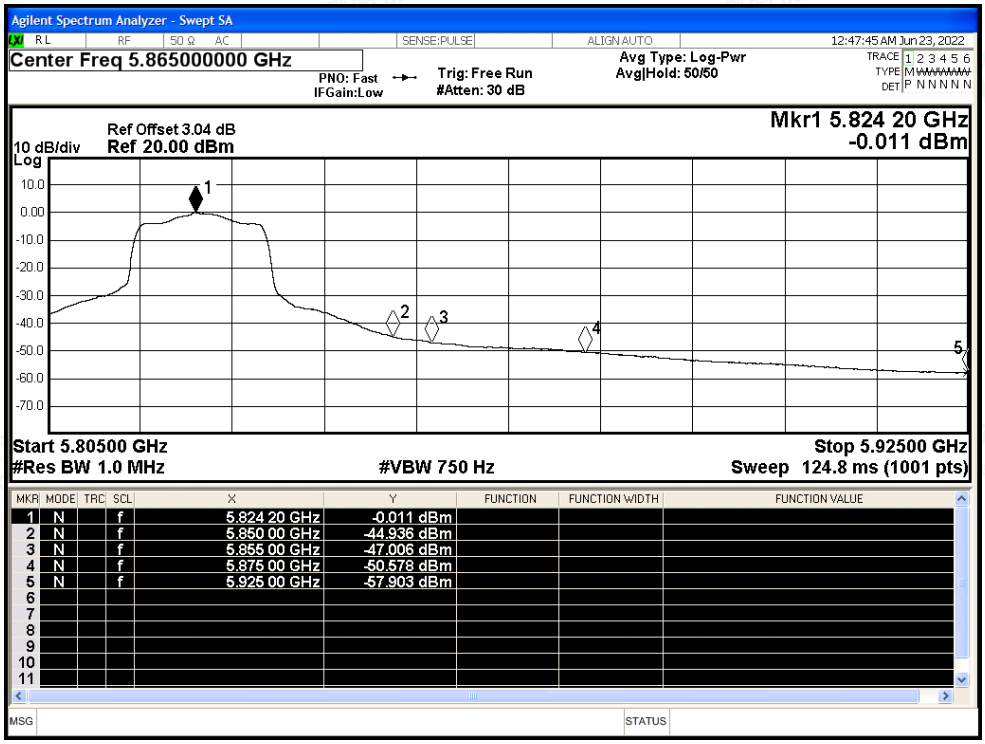
Restrict Band NVNT a 5745MHz Ant1 Average



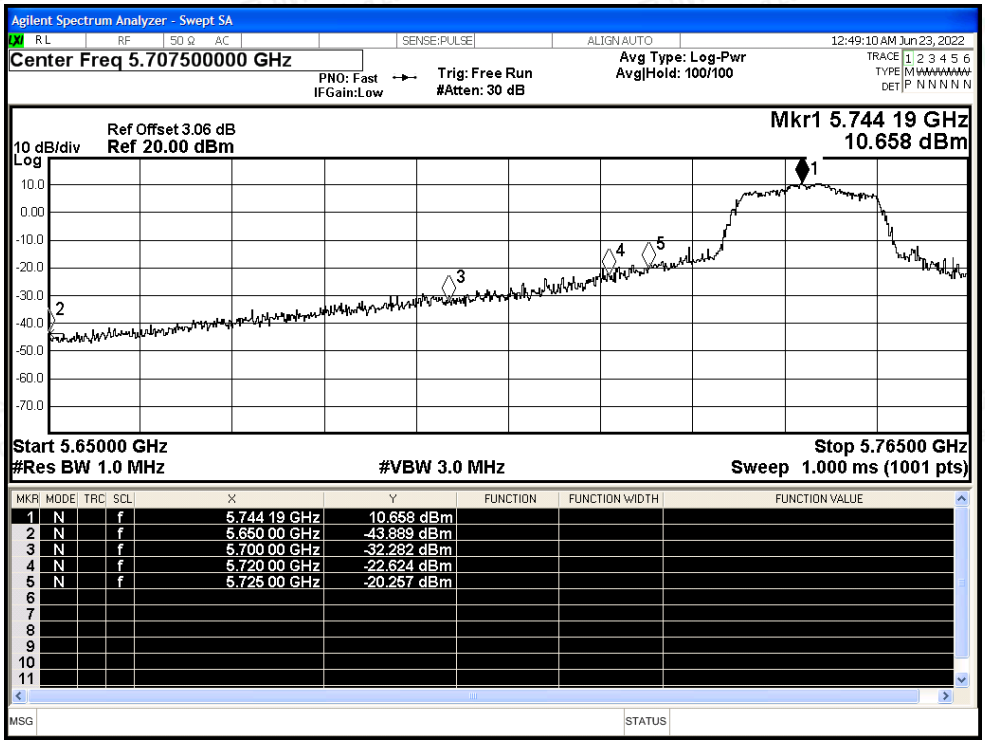
Restrict Band NVNT a 5825MHz Ant1 Peak



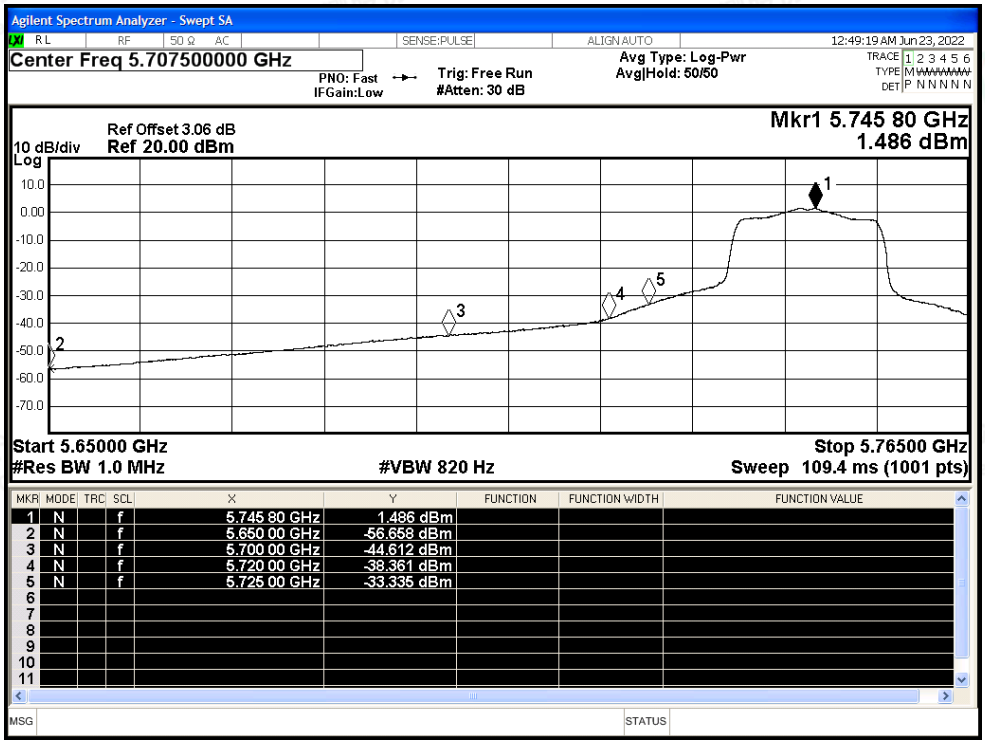
Restrict Band NVNT a 5825MHz Ant1 Average



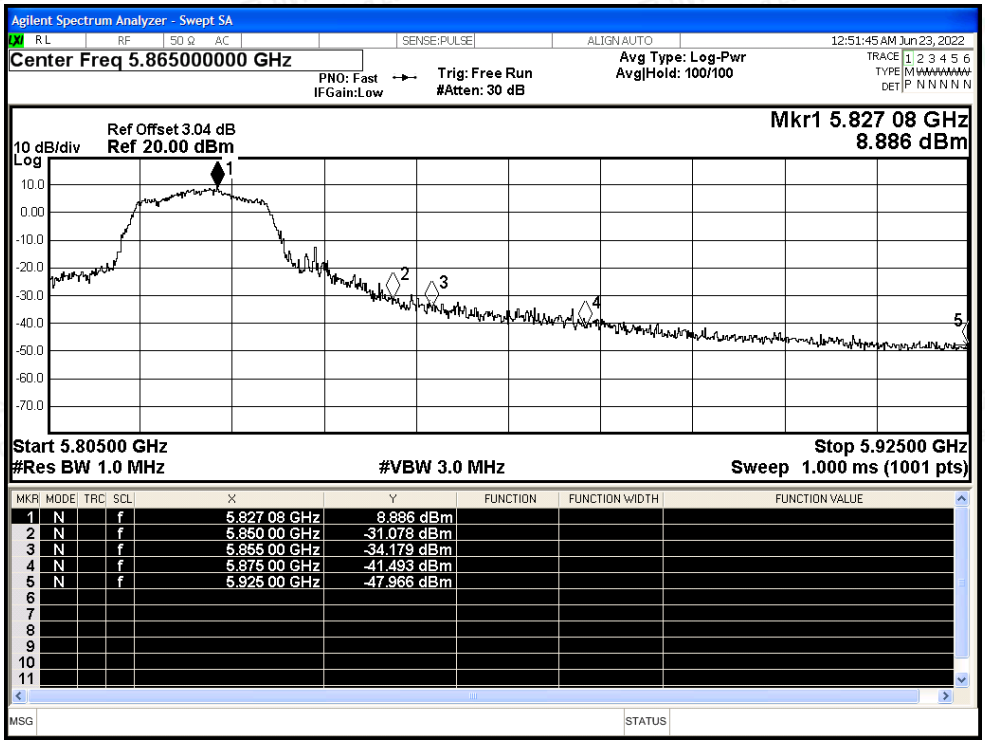
Restrict Band NVNT n20 5745MHz Ant1 Peak



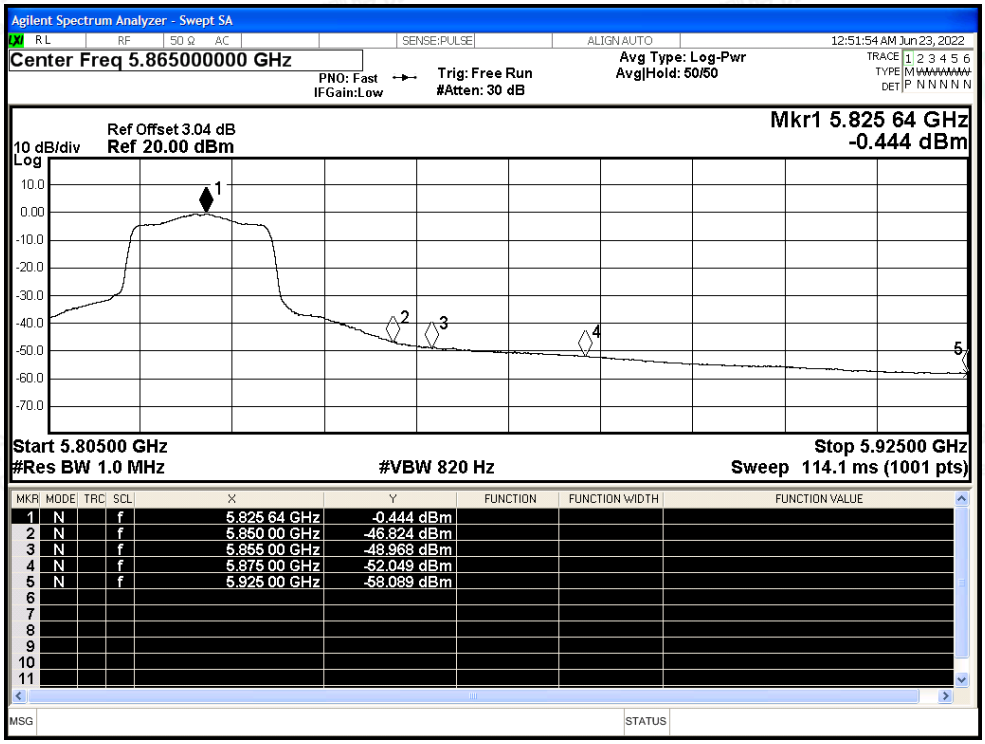
Restrict Band NVNT n20 5745MHz Ant1 Average



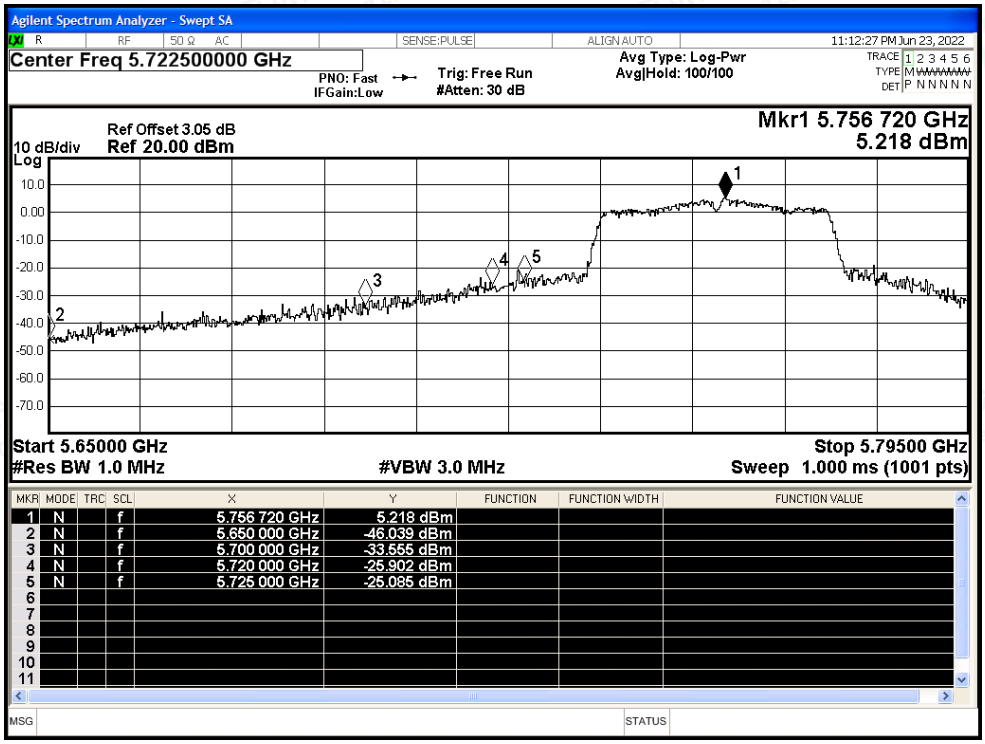
Restrict Band NVNT n20 5825MHz Ant1 Peak



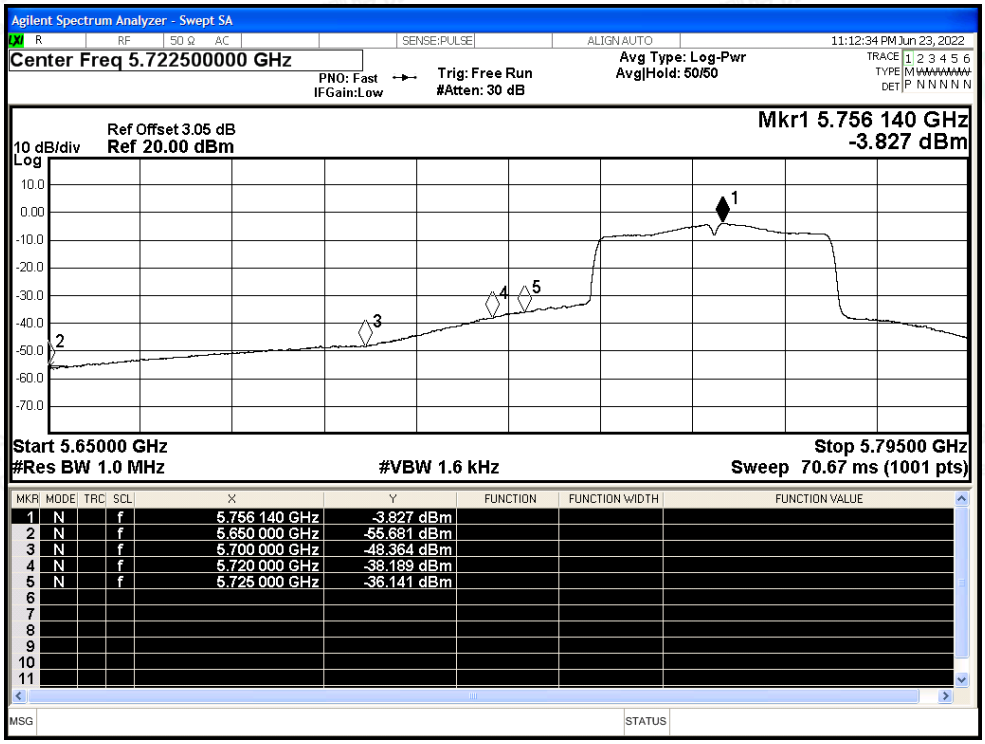
Restrict Band NVNT n20 5825MHz Ant1 Average



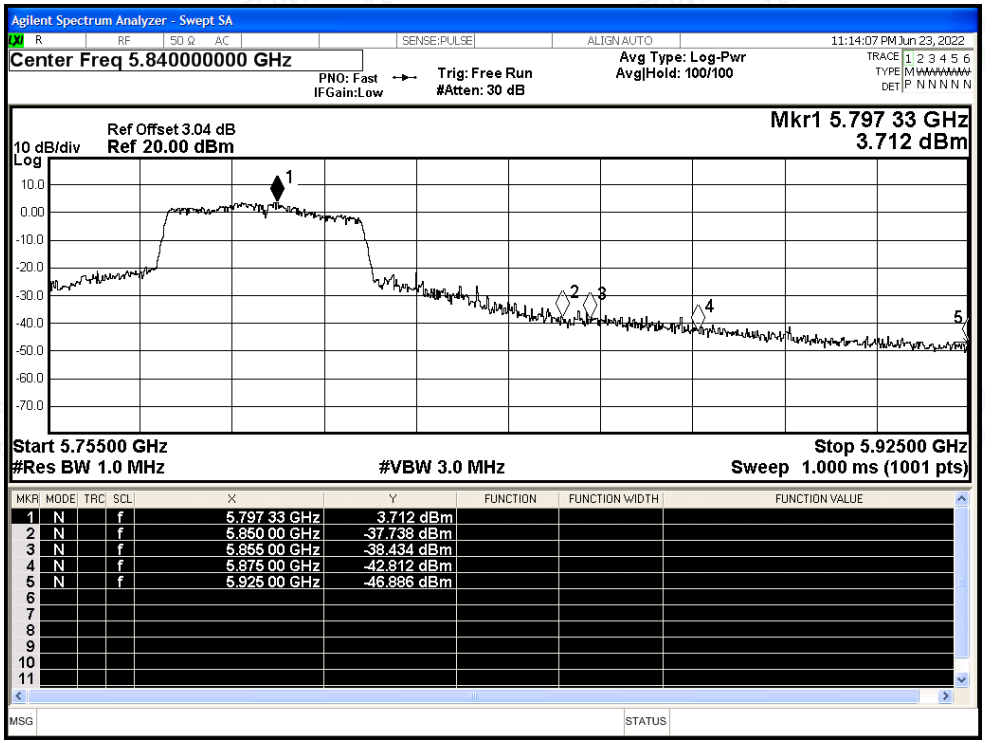
Restrict Band NVNT n40 5755MHz Ant1 Peak



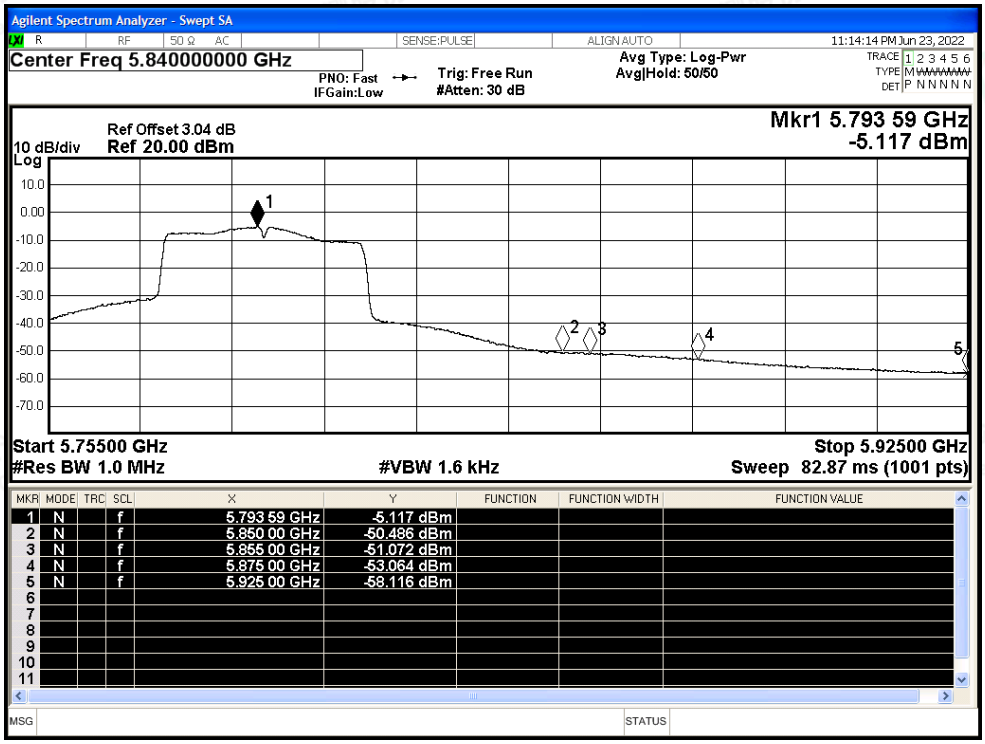
Restrict Band NVNT n40 5755MHz Ant1 Average



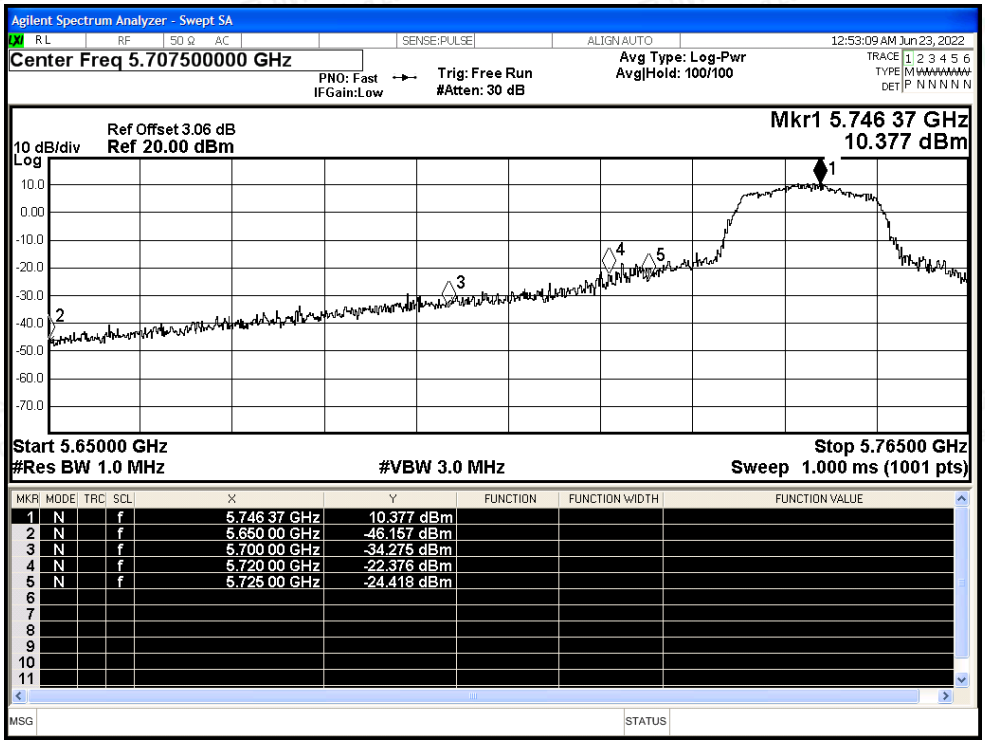
Restrict Band NVNT n40 5795MHz Ant1 Peak



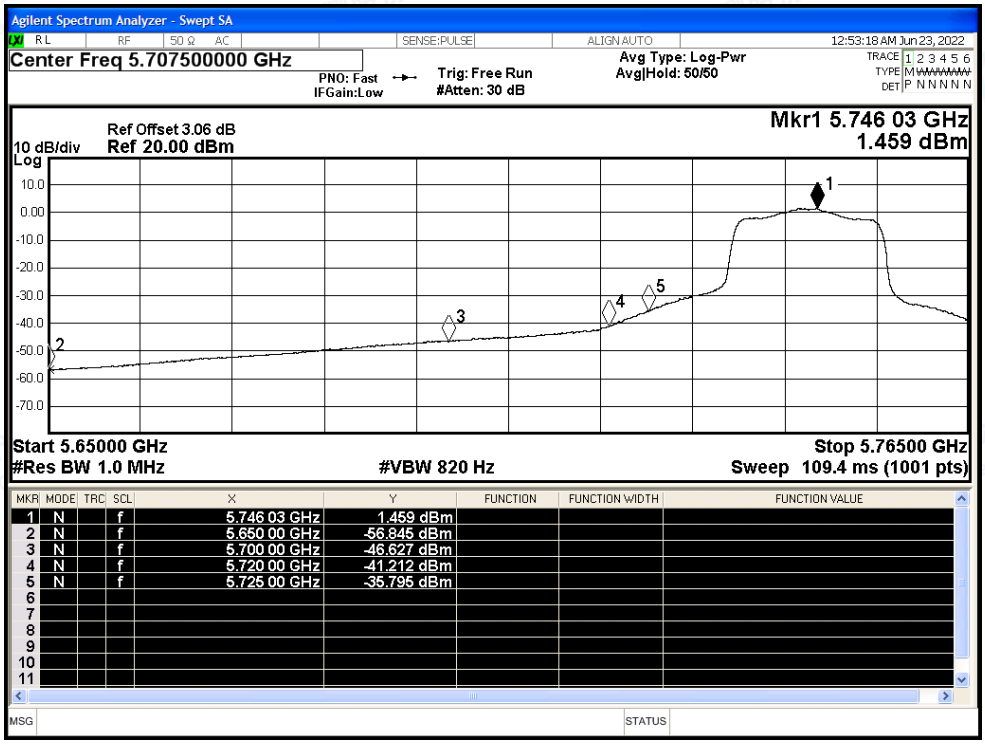
Restrict Band NVNT n40 5795MHz Ant1 Average



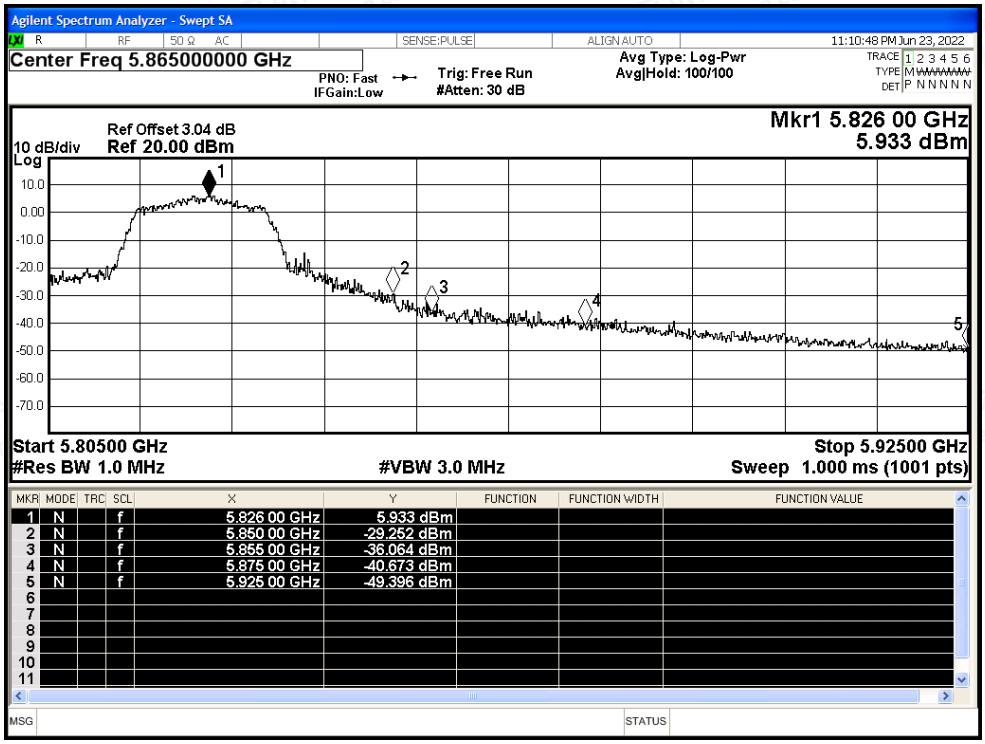
Restrict Band NVNT ac20 5745MHz Ant1 Peak



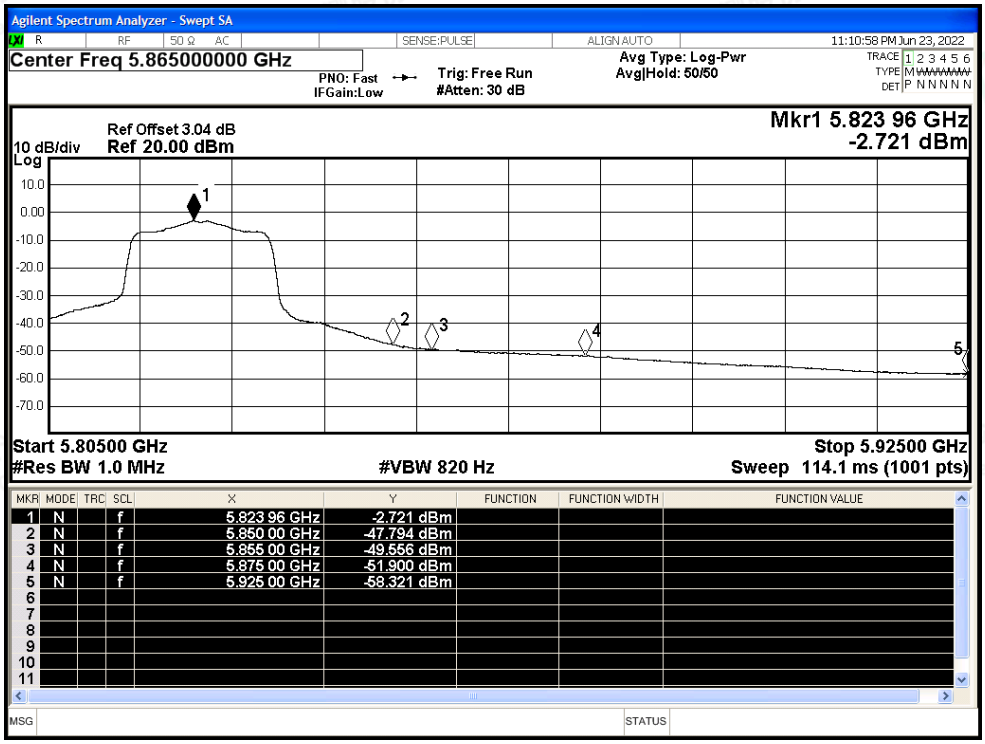
Restrict Band NVNT ac20 5745MHz Ant1 Average



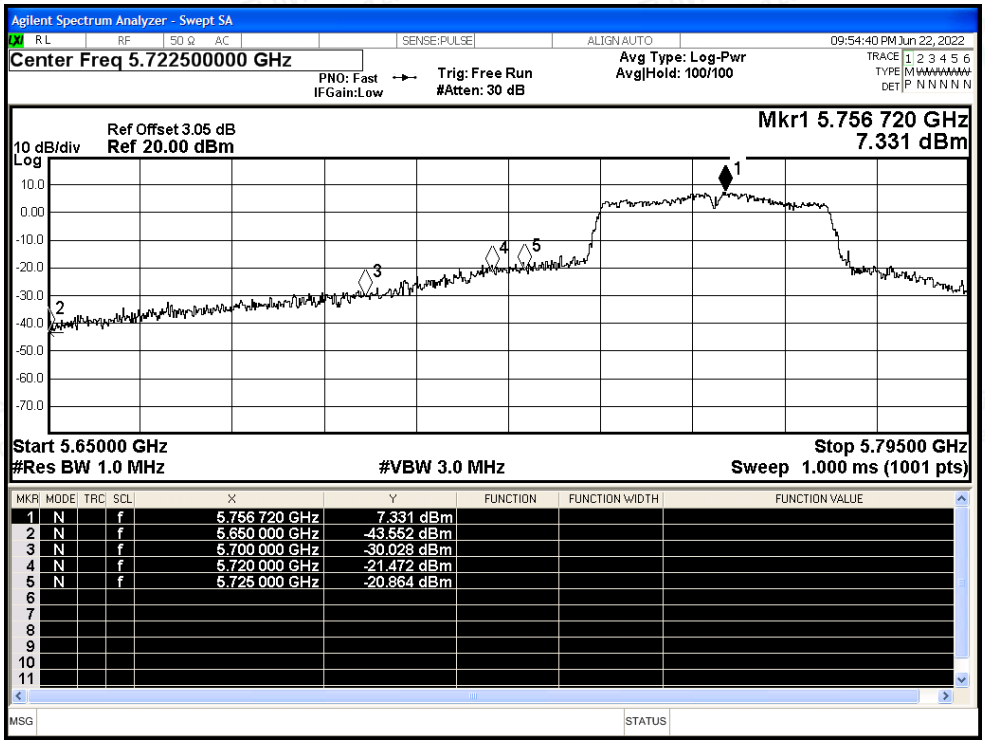
Restrict Band NVNT ac20 5825MHz Ant1 Peak



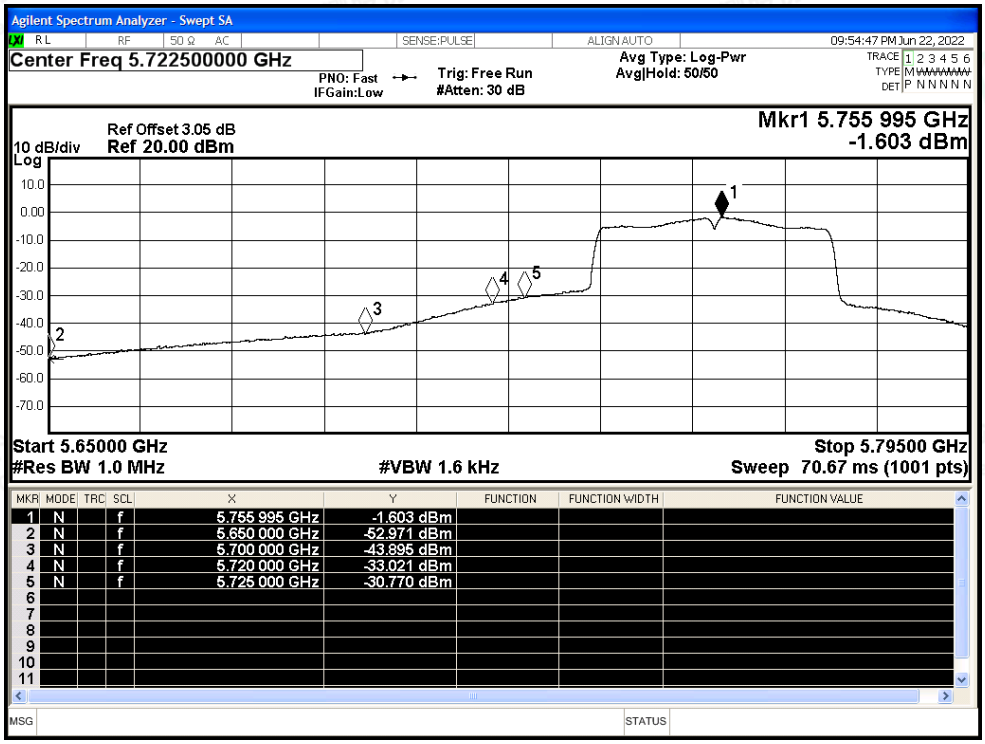
Restrict Band NVNT ac20 5825MHz Ant1 Average



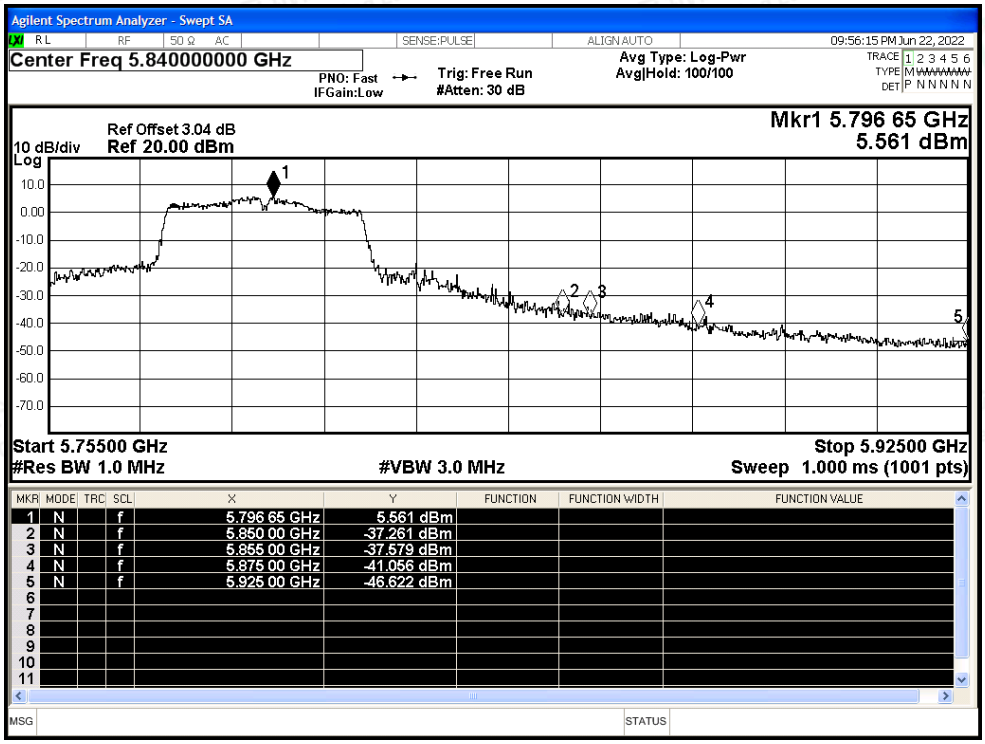
Restrict Band NVNT ac40 5755MHz Ant1 Peak



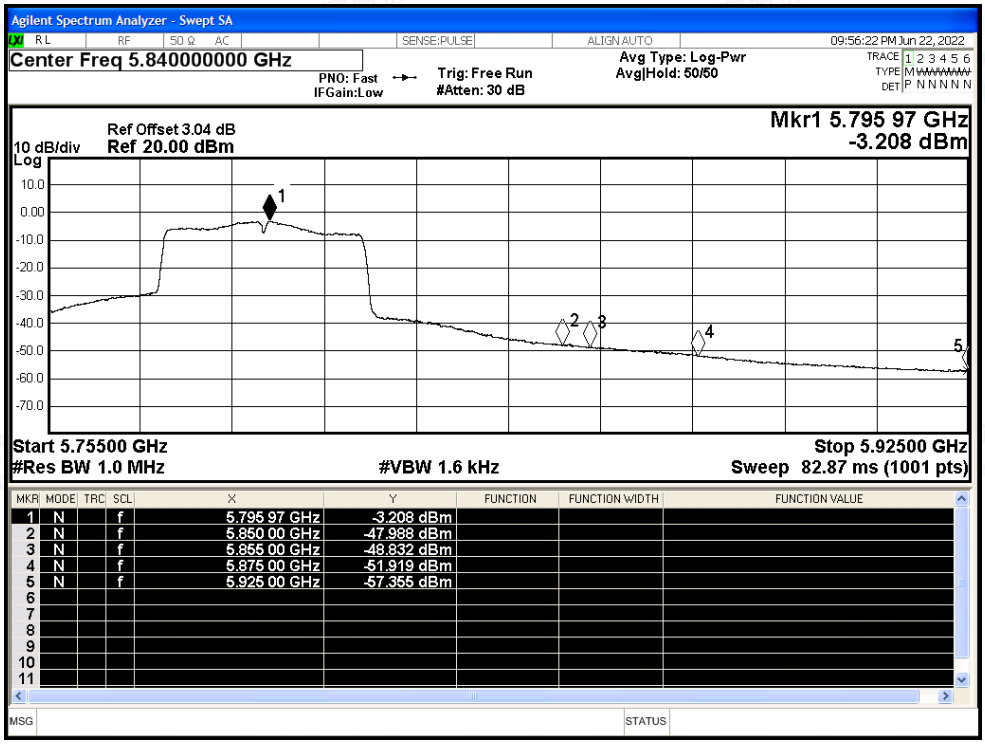
Restrict Band NVNT ac40 5755MHz Ant1 Average



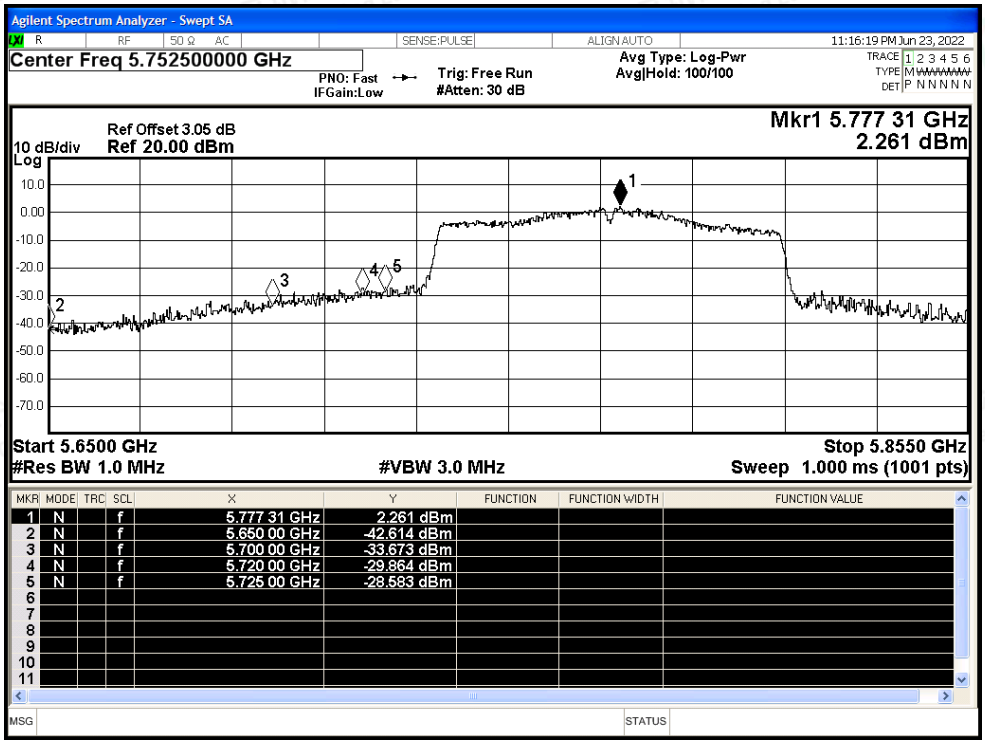
Restrict Band NVNT ac40 5795MHz Ant1 Peak



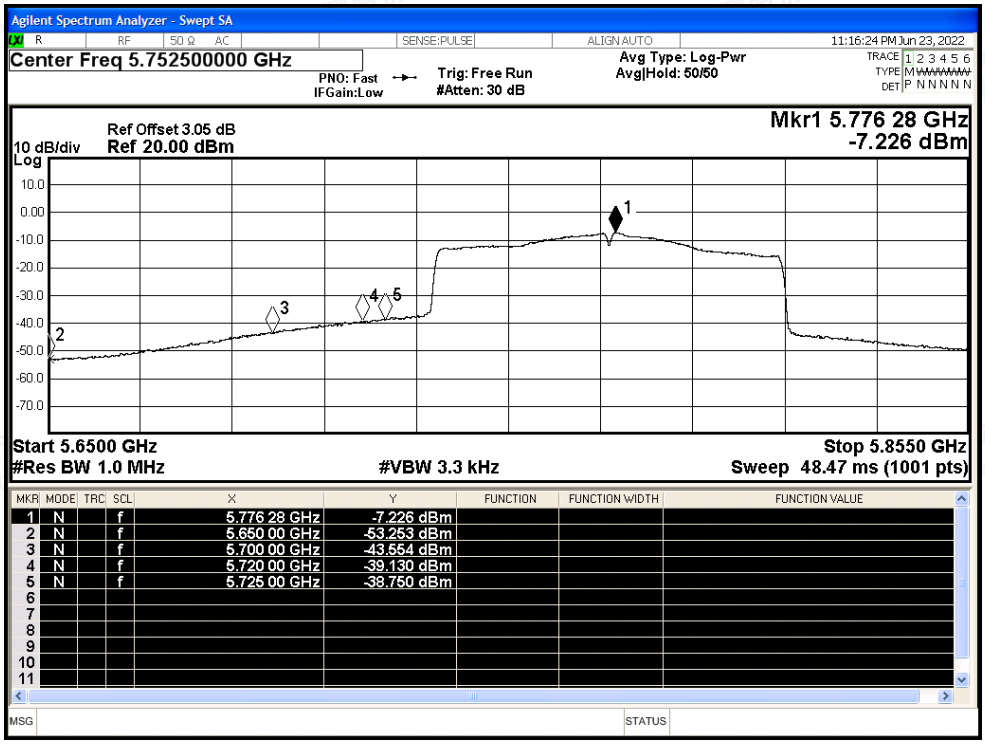
Restrict Band NVNT ac40 5795MHz Ant1 Average



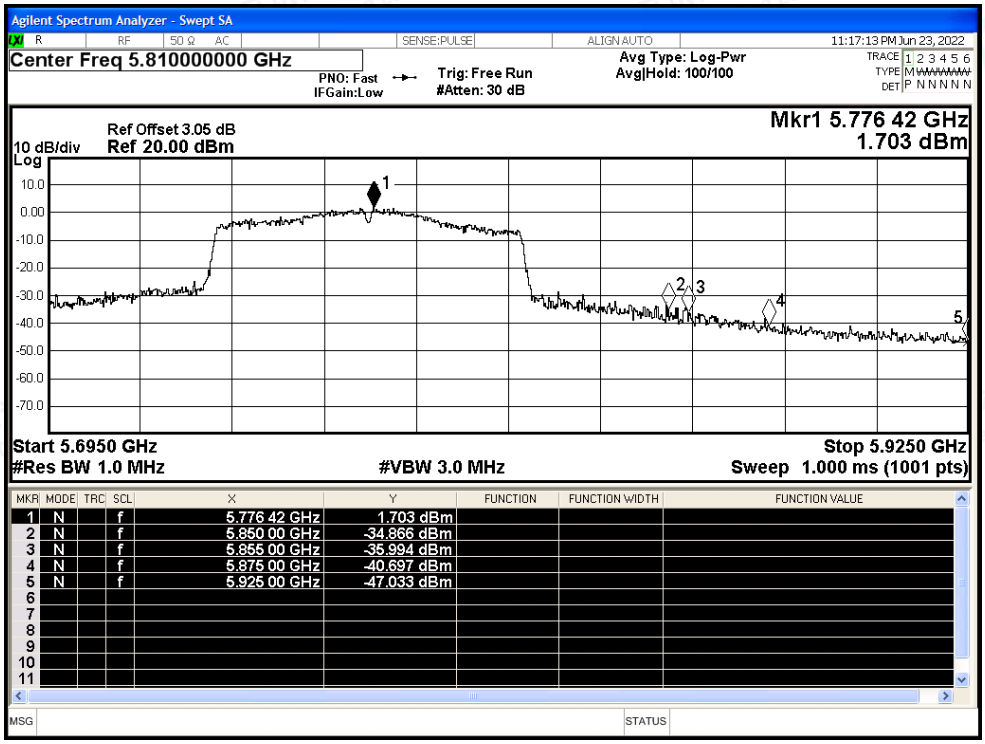
Restrict Band NVNT ac80 5775MHz Ant1 Peak



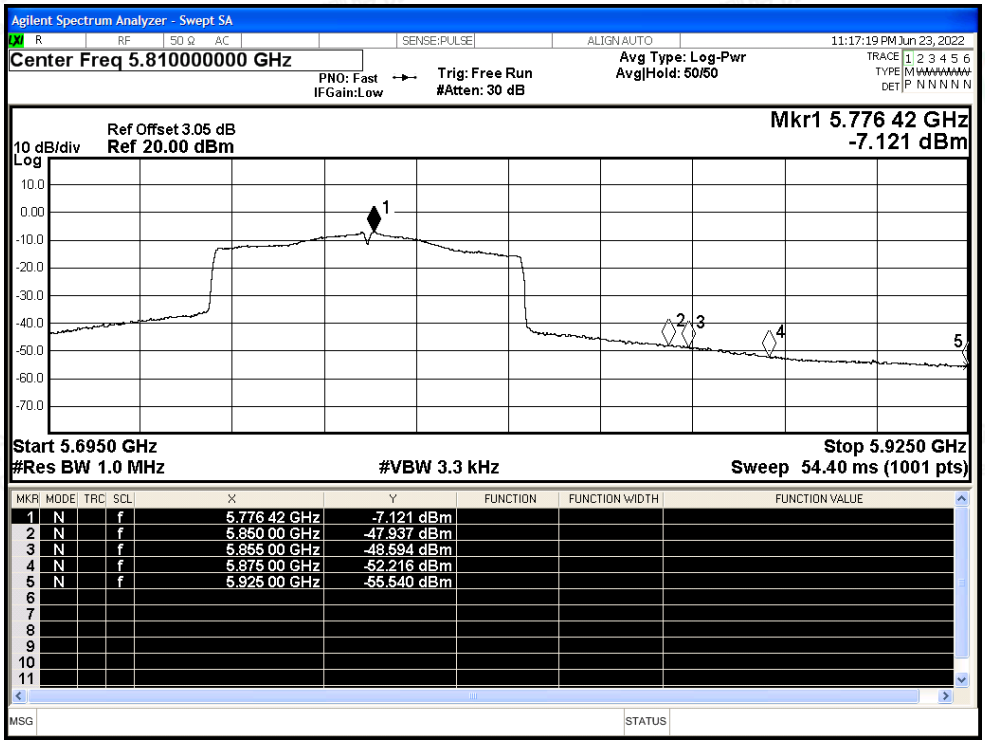
Restrict Band NVNT ac80 5775MHz Ant1 Average



Restrict Band NVNT ac80 5775MHz Ant1 Peak



Restrict Band NVNT ac80 5775MHz Ant1 Average

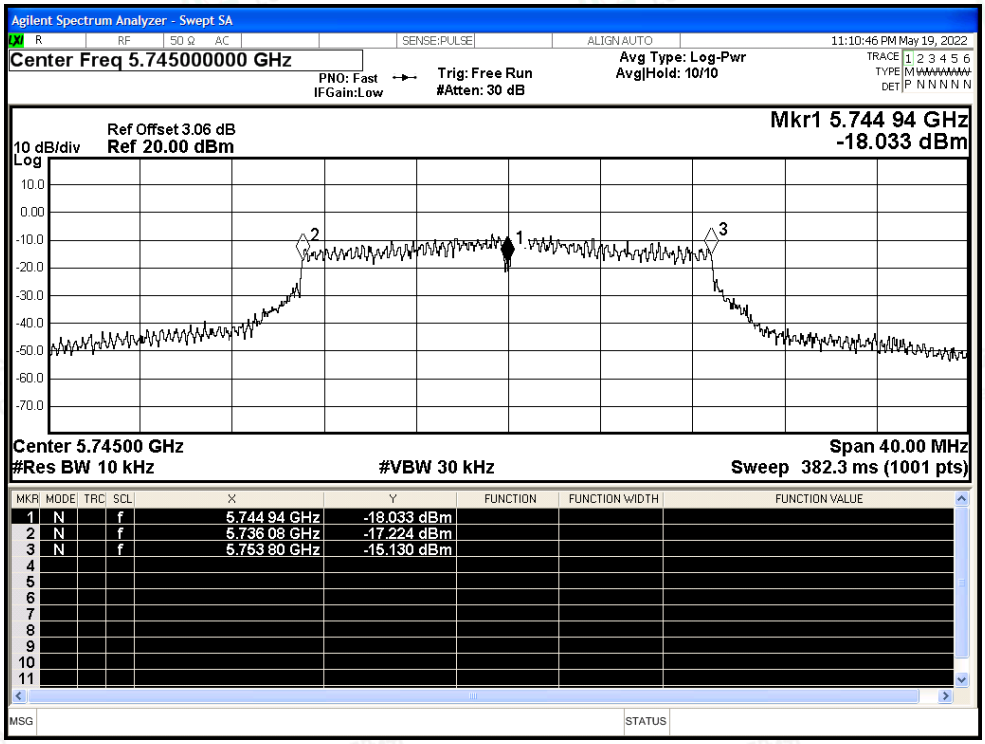


E.5 Frequency Stability

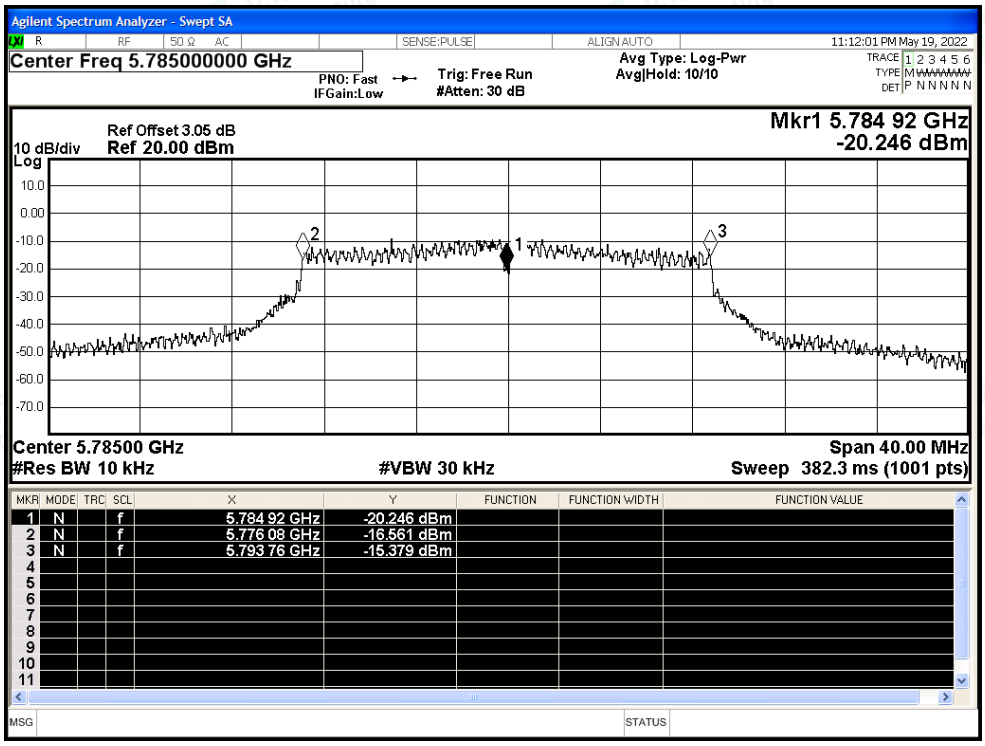
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ac20	5745	Ant0	5744.94	-60000	-10.44	25	Pass
NVNT	ac20	5785	Ant0	5784.92	-80000	-13.83	25	Pass
NVNT	ac20	5825	Ant0	5824.94	-60000	-10.3	25	Pass
NVNT	ac40	5755	Ant0	5754.96	-40000	-6.95	25	Pass
NVNT	ac40	5795	Ant0	5794.92	-80000	-13.81	25	Pass
NVNT	ac80	5775	Ant0	5774.92	-80000	-13.85	25	Pass

Test Graphs

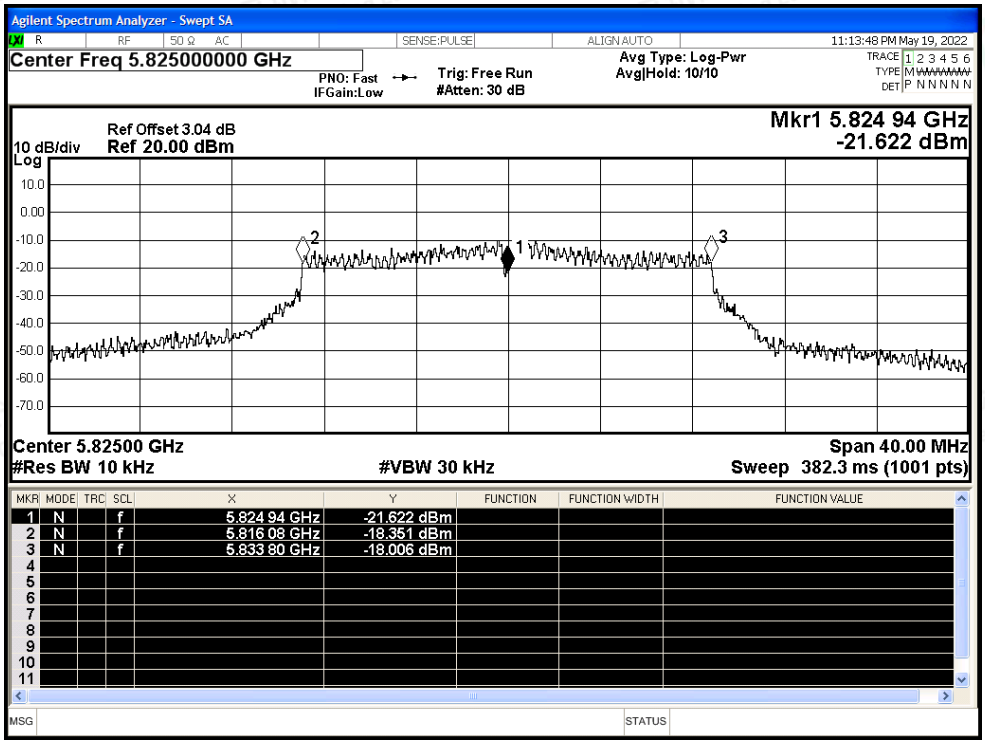
Freq. Stability NVNT ac20 5745MHz Ant0



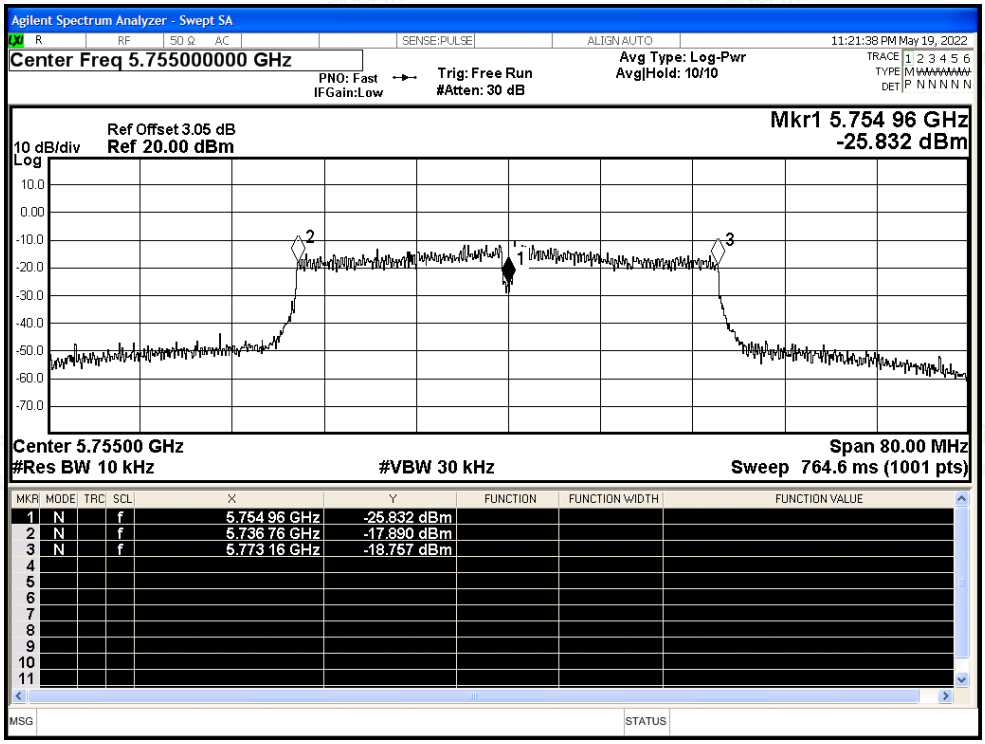
Freq. Stability NVNT ac20 5785MHz Ant0



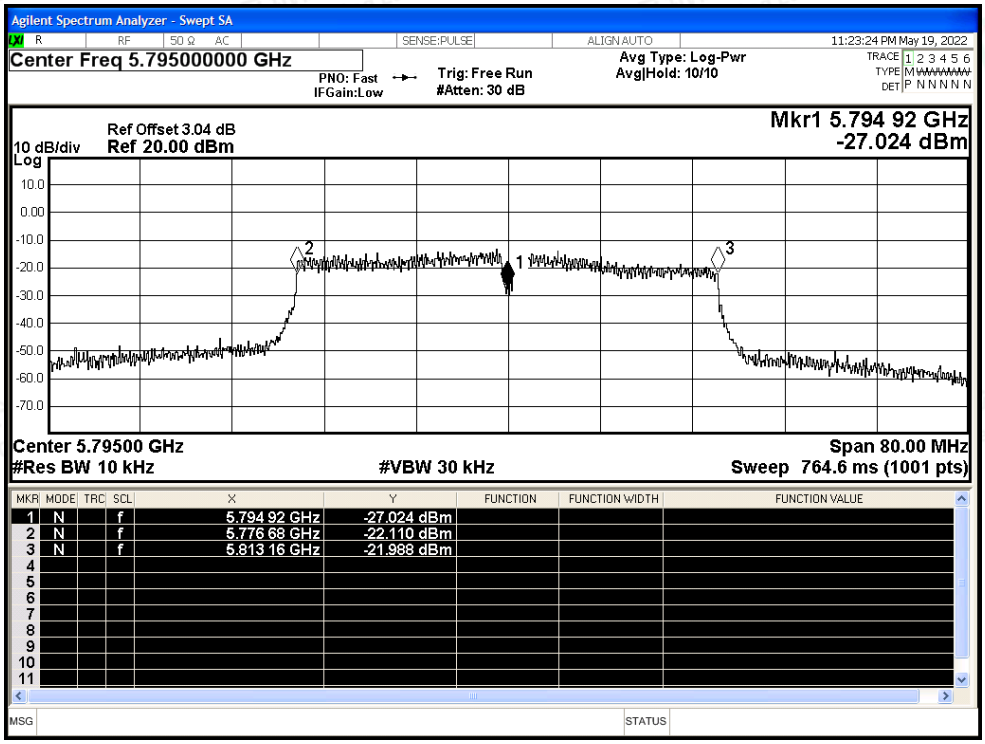
Freq. Stability NVNT ac20 5825MHz Ant0



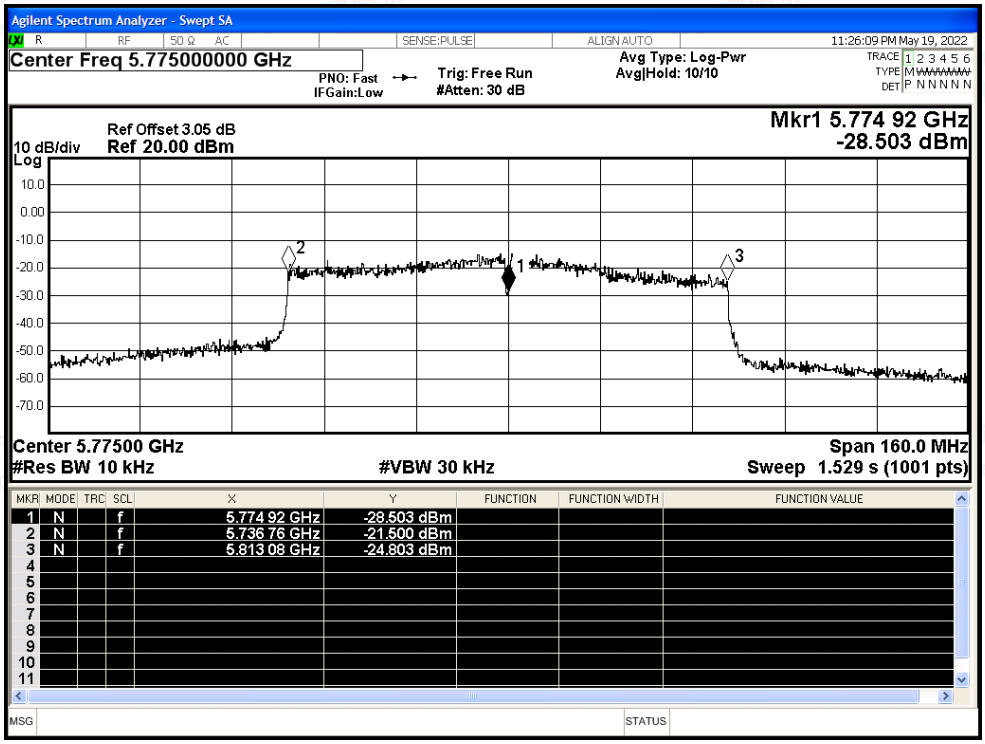
Freq. Stability NVNT ac40 5755MHz Ant0



Freq. Stability NVNT ac40 5795MHz Ant0



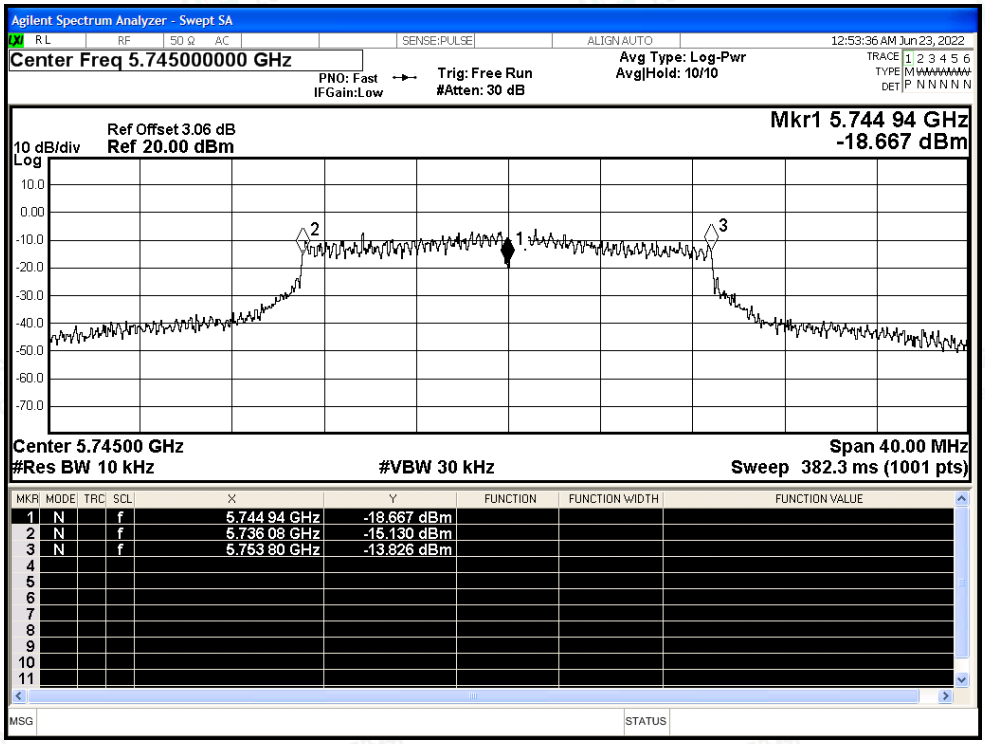
Freq. Stability NVNT ac80 5775MHz Ant0



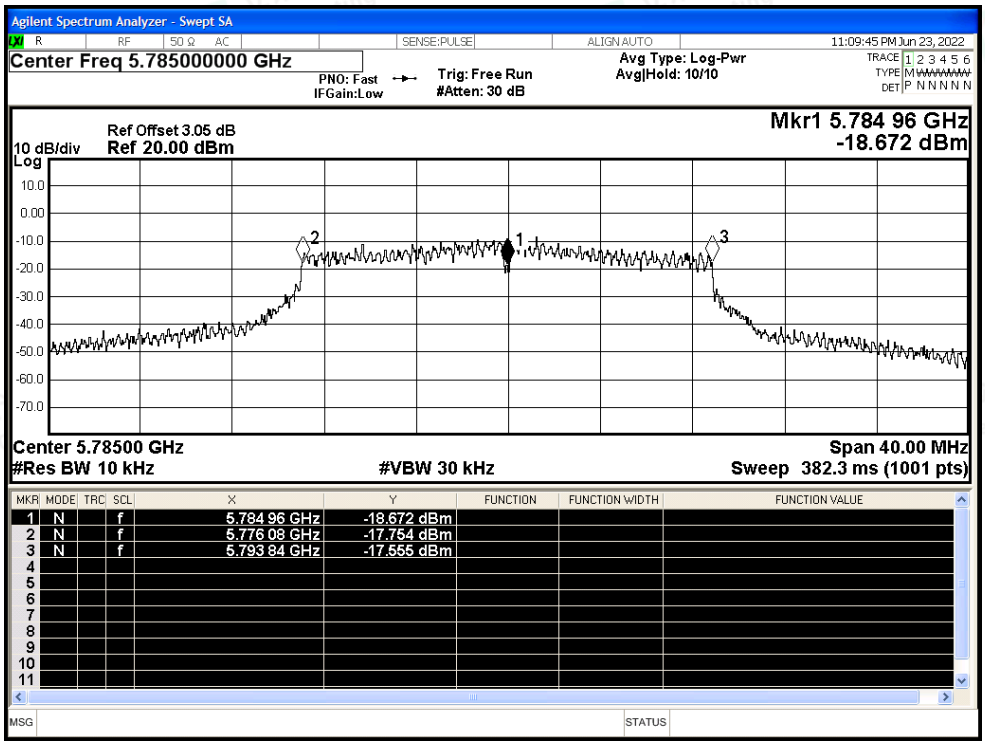
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ac20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
NVNT	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
NVNT	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
NVNT	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
NVNT	ac80	5775	Ant1	5775	0	0	25	Pass

Test Graphs

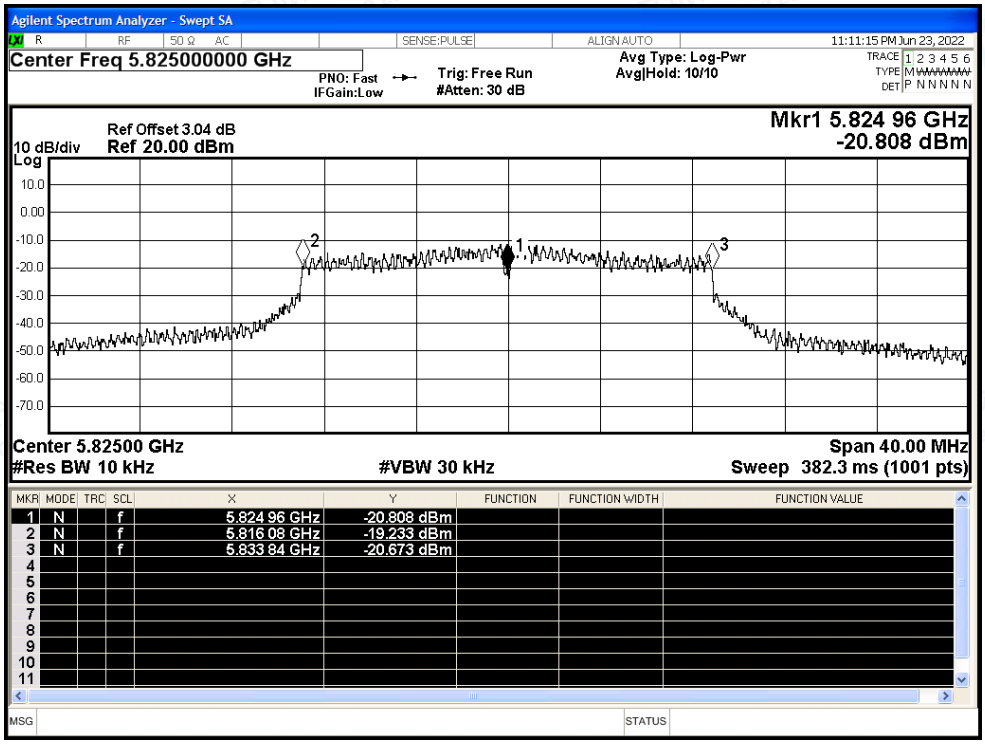
Freq. Stability NVNT ac20 5745MHz Ant1



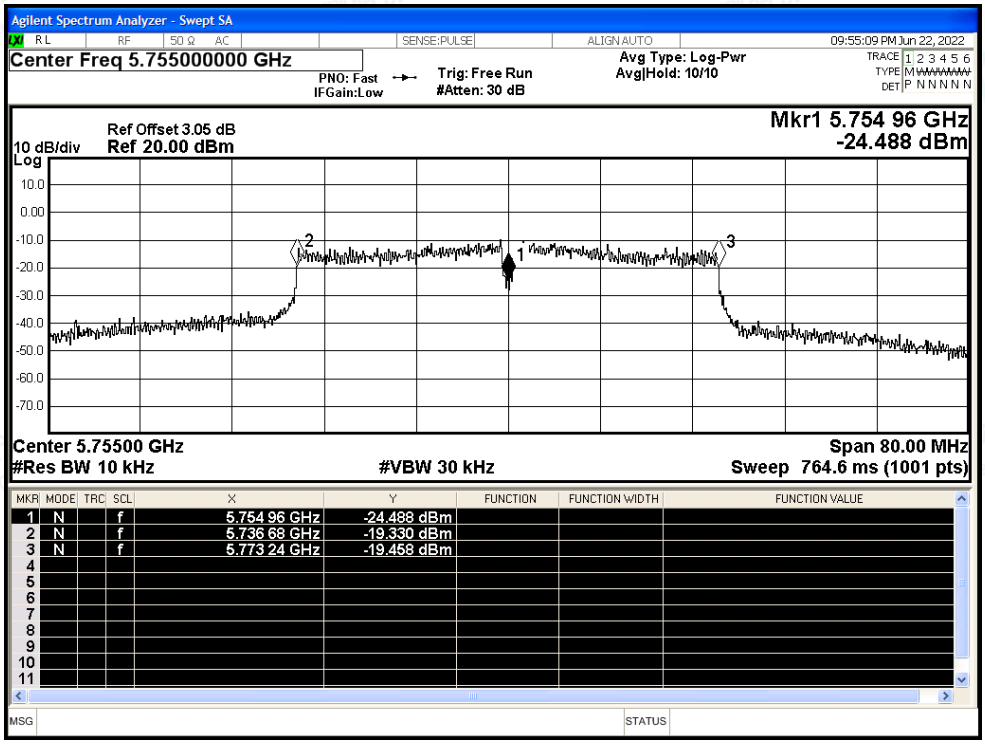
Freq. Stability NVNT ac20 5785MHz Ant1



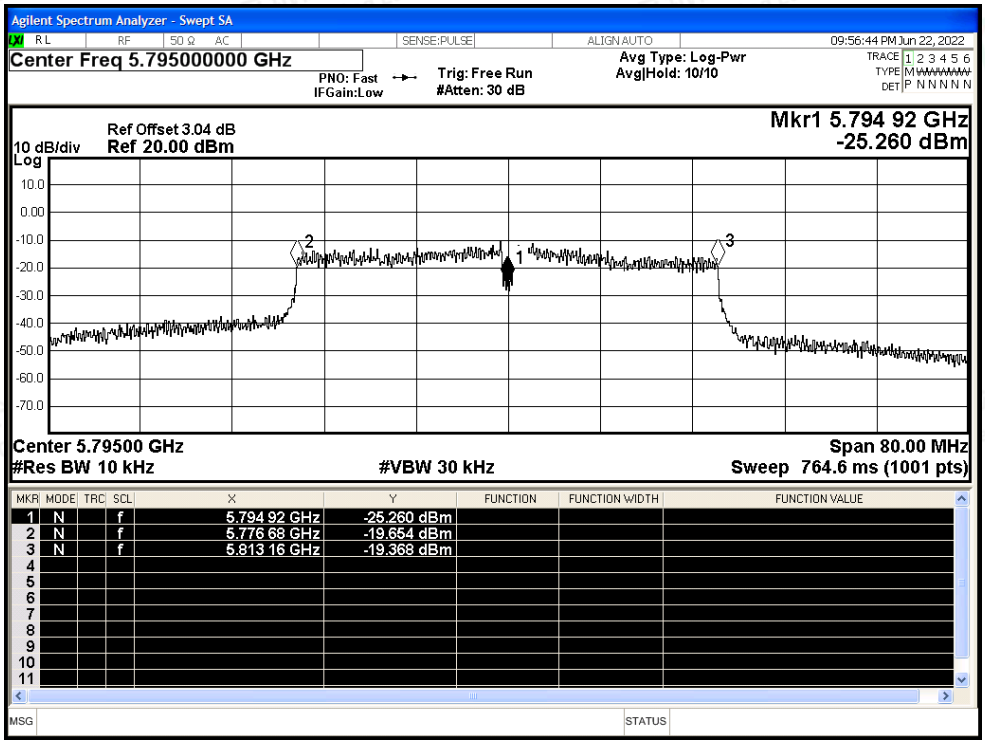
Freq. Stability NVNT ac20 5825MHz Ant1



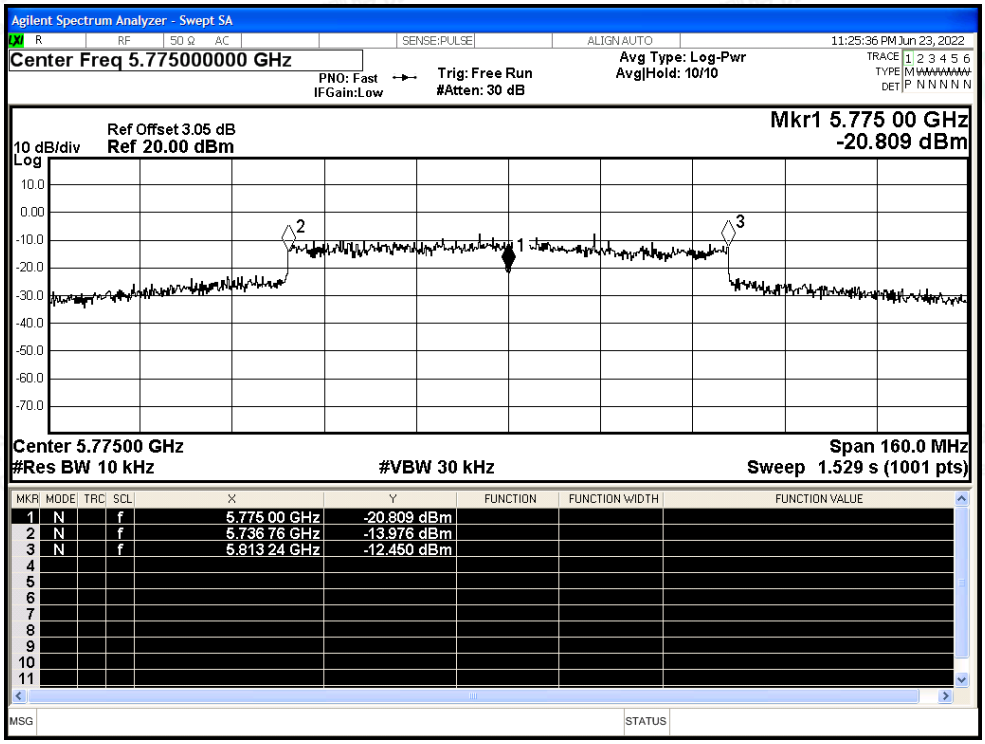
Freq. Stability NVNT ac40 5755MHz Ant1



Freq. Stability NVNT ac40 5795MHz Ant1



Freq. Stability NVNT ac80 5775MHz Ant1

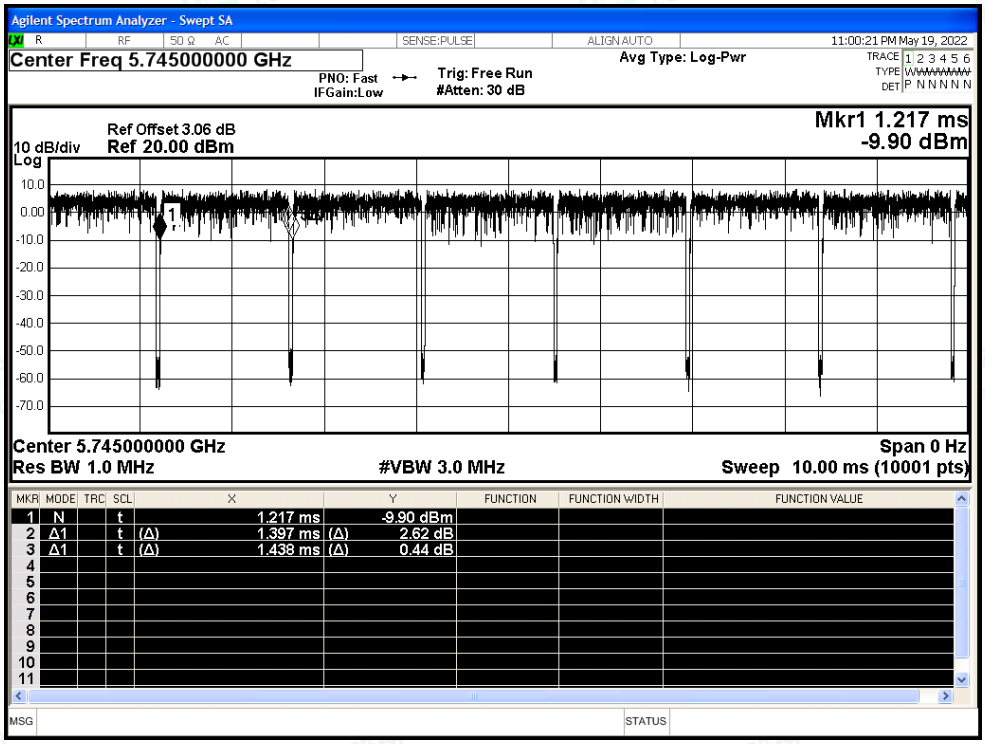


E.6 Duty Cycle

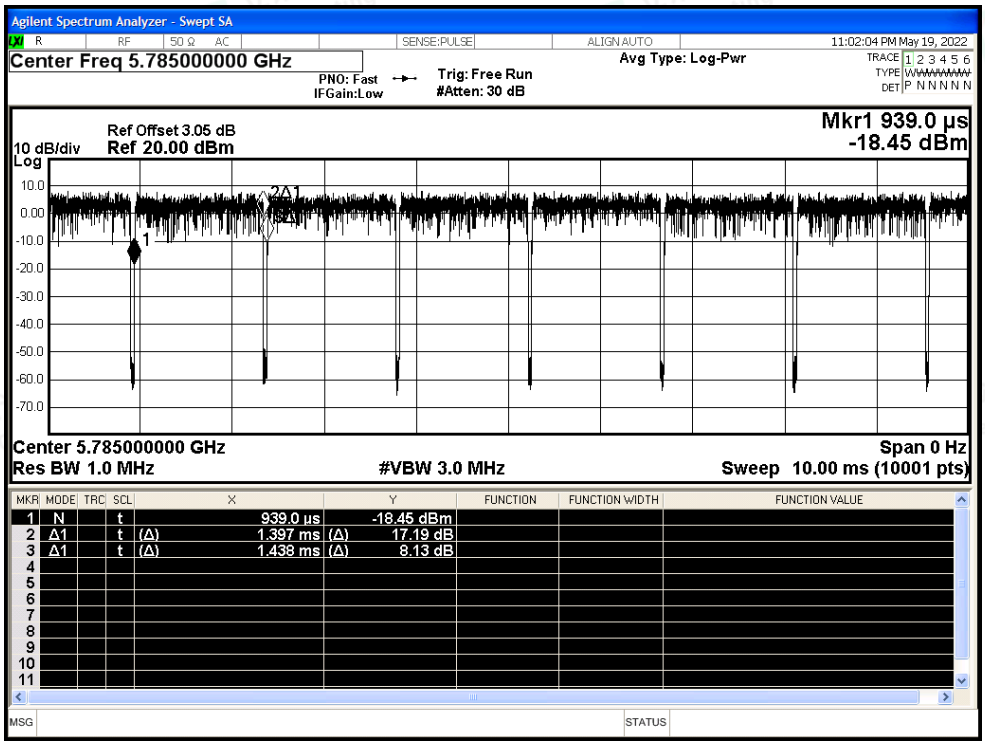
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant0	97.15	0.13	0.72
NVNT	a	5785	Ant0	97.15	0.13	0.72
NVNT	a	5825	Ant0	97.15	0.13	0.72
NVNT	n20	5745	Ant0	96.96	0.13	0.76
NVNT	n20	5785	Ant0	97.03	0.13	0.76
NVNT	n20	5825	Ant0	96.96	0.13	0.76
NVNT	n40	5755	Ant0	94.48	0.25	1.54
NVNT	n40	5795	Ant0	94.34	0.25	1.54
NVNT	ac20	5745	Ant0	97.05	0.13	0.76
NVNT	ac20	5785	Ant0	97.05	0.13	0.76
NVNT	ac20	5825	Ant0	96.98	0.13	0.76
NVNT	ac40	5755	Ant0	94.55	0.24	1.52
NVNT	ac40	5795	Ant0	94.41	0.25	1.52
NVNT	ac80	5775	Ant0	89.32	0.49	3.07

Test Graphs

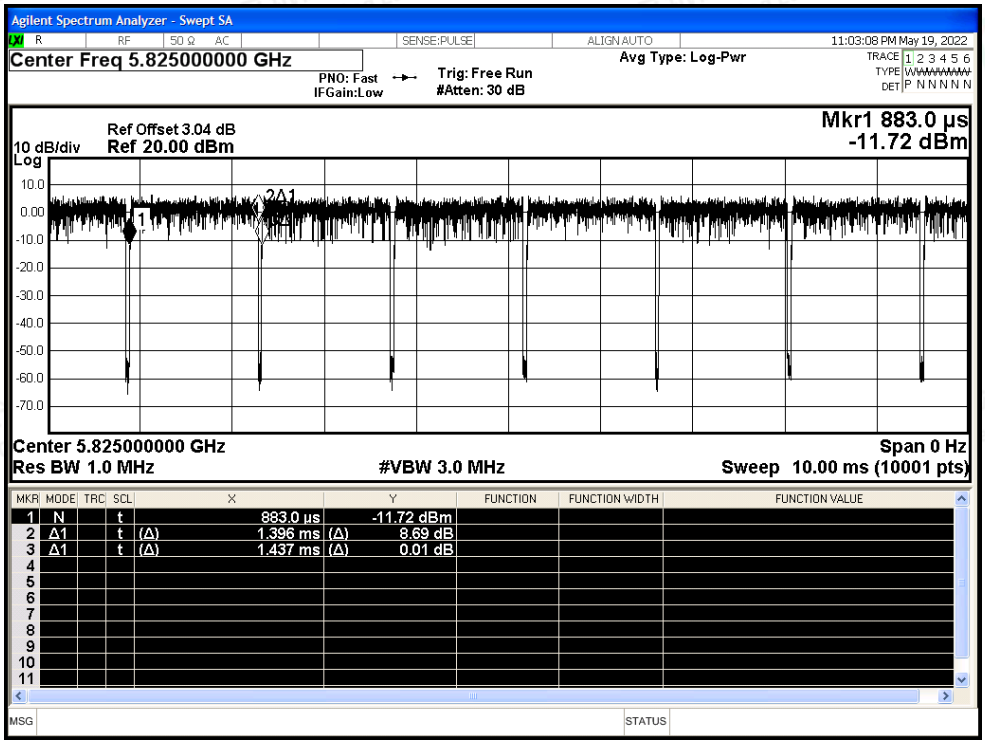
Duty Cycle NVNT a 5745MHz Ant0



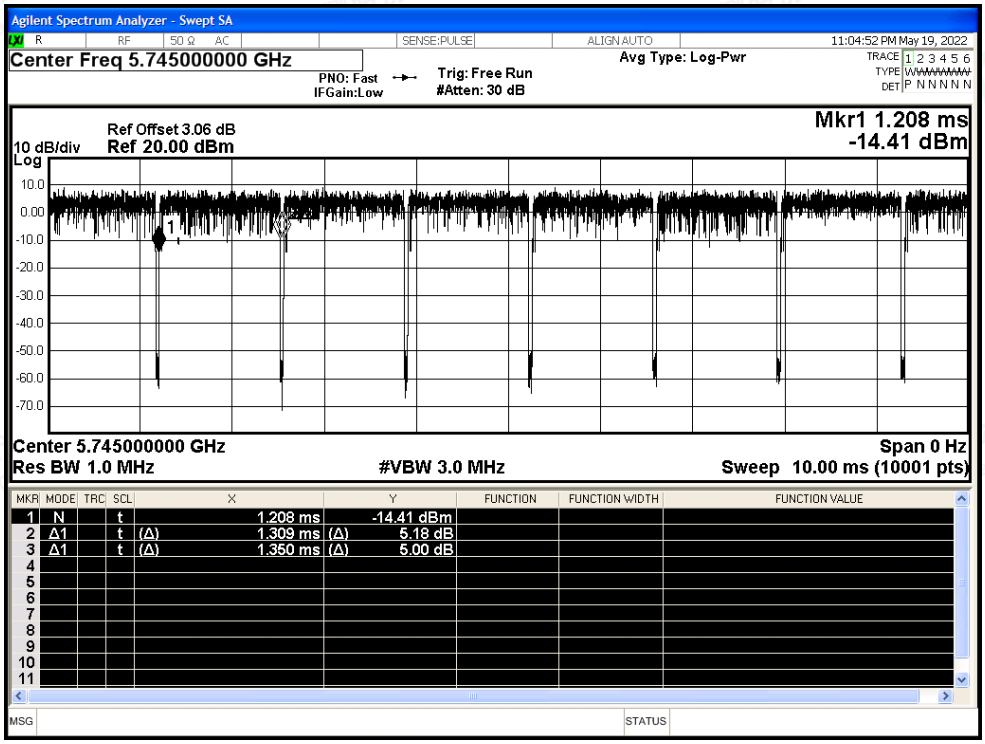
Duty Cycle NVNT a 5785MHz Ant0



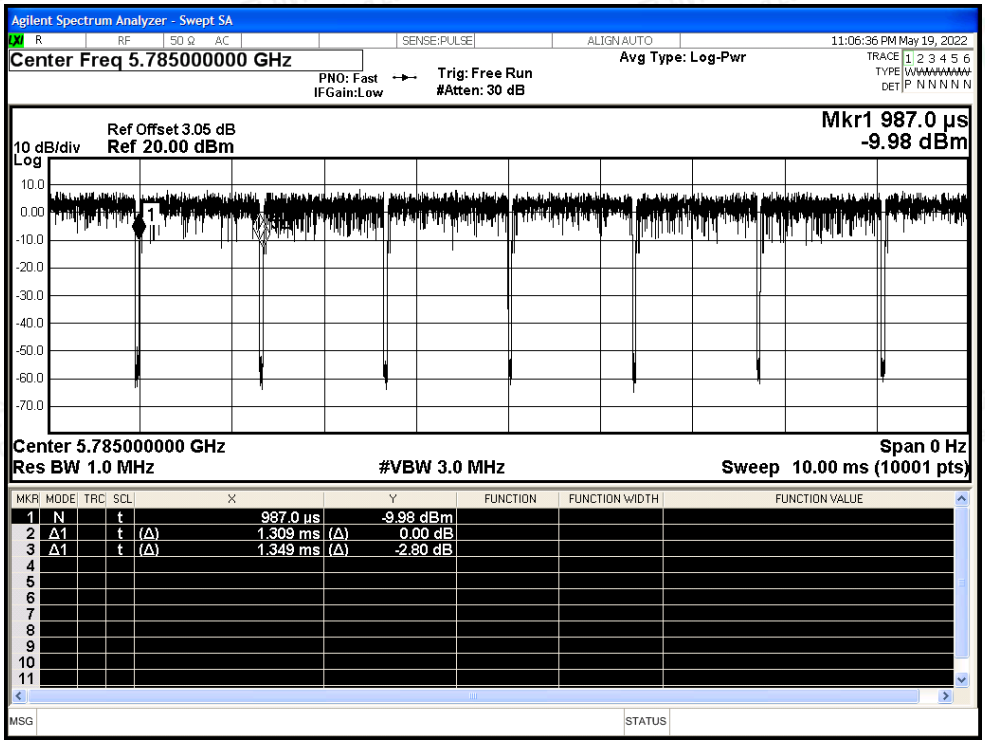
Duty Cycle NVNT a 5825MHz Ant0



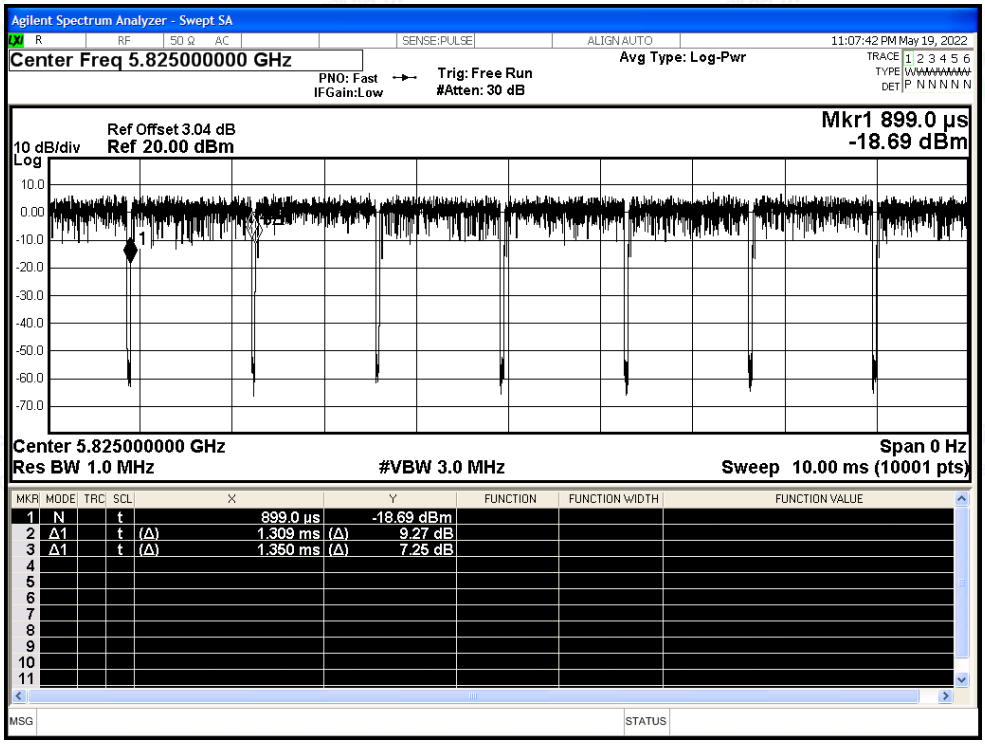
Duty Cycle NVNT n20 5745MHz Ant0



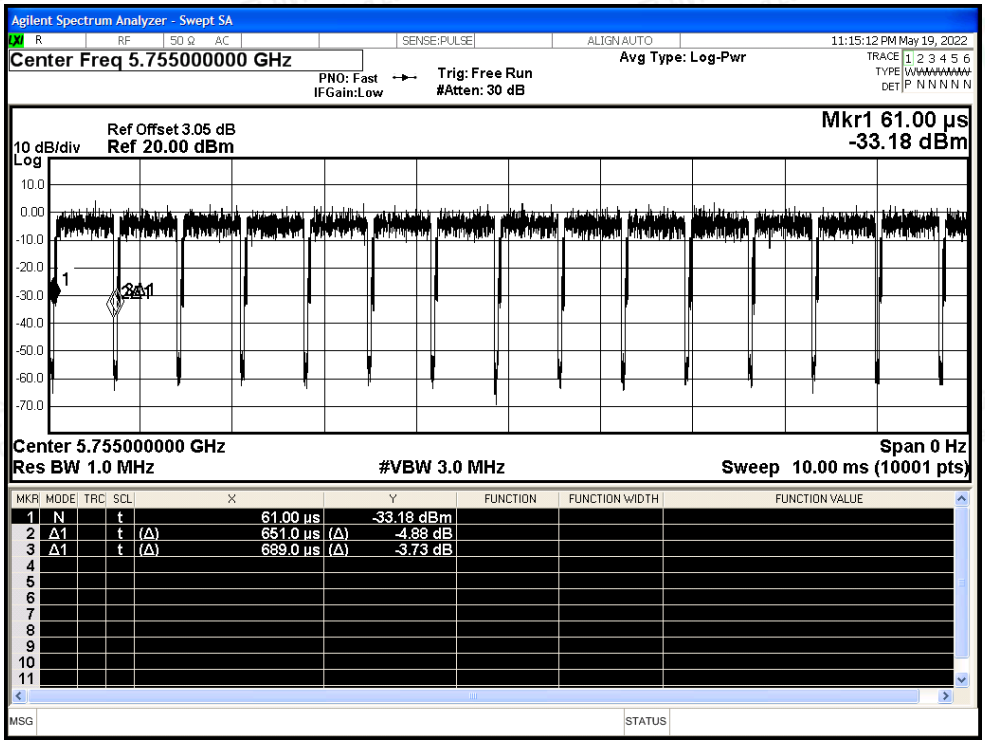
Duty Cycle NVNT n20 5785MHz Ant0



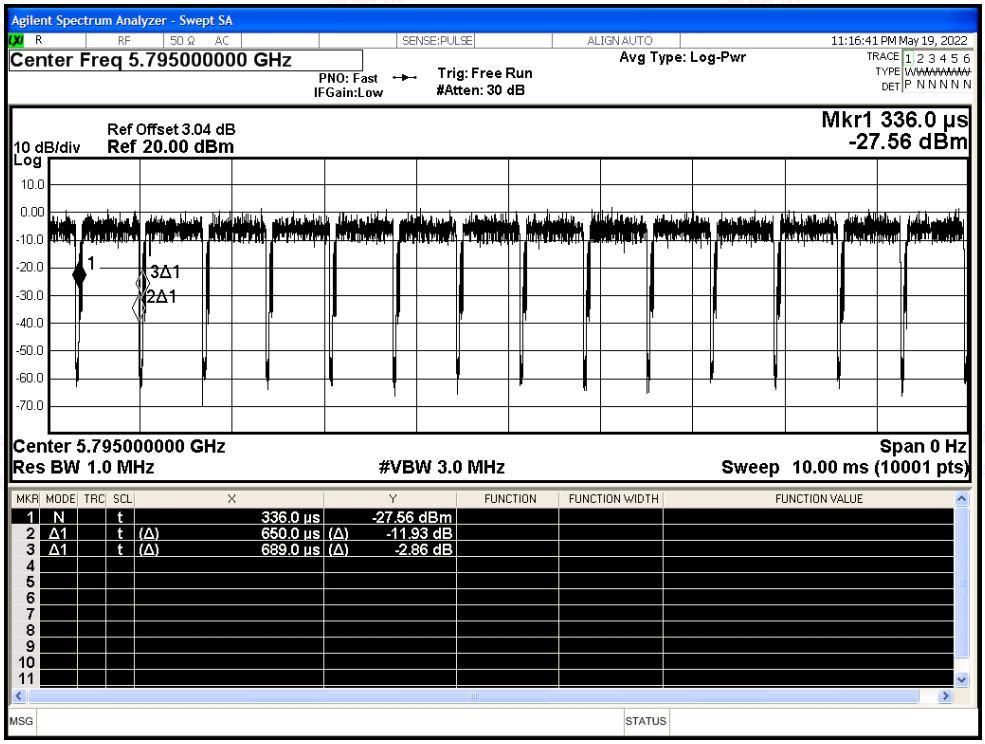
Duty Cycle NVNT n20 5825MHz Ant0



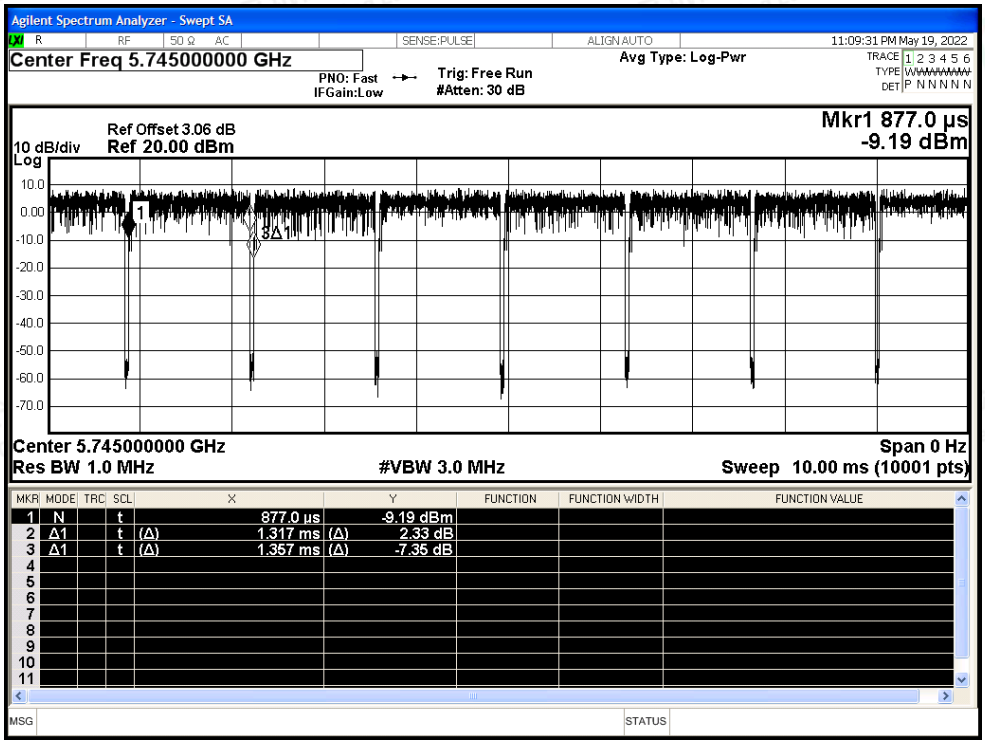
Duty Cycle NVNT n40 5755MHz Ant0



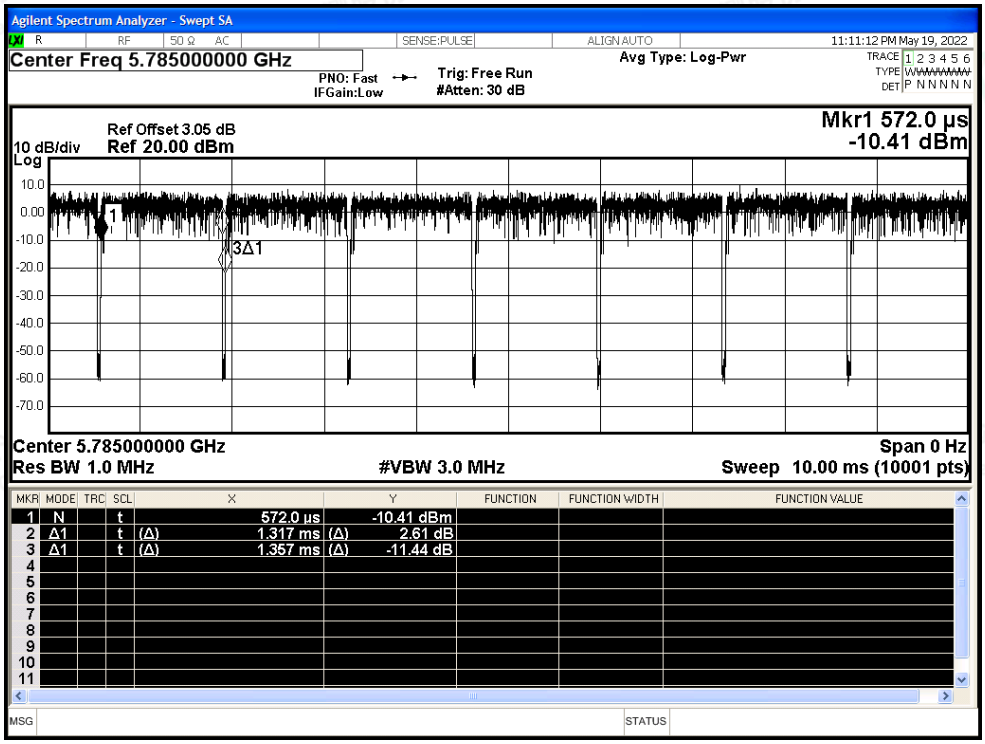
Duty Cycle NVNT n40 5795MHz Ant0



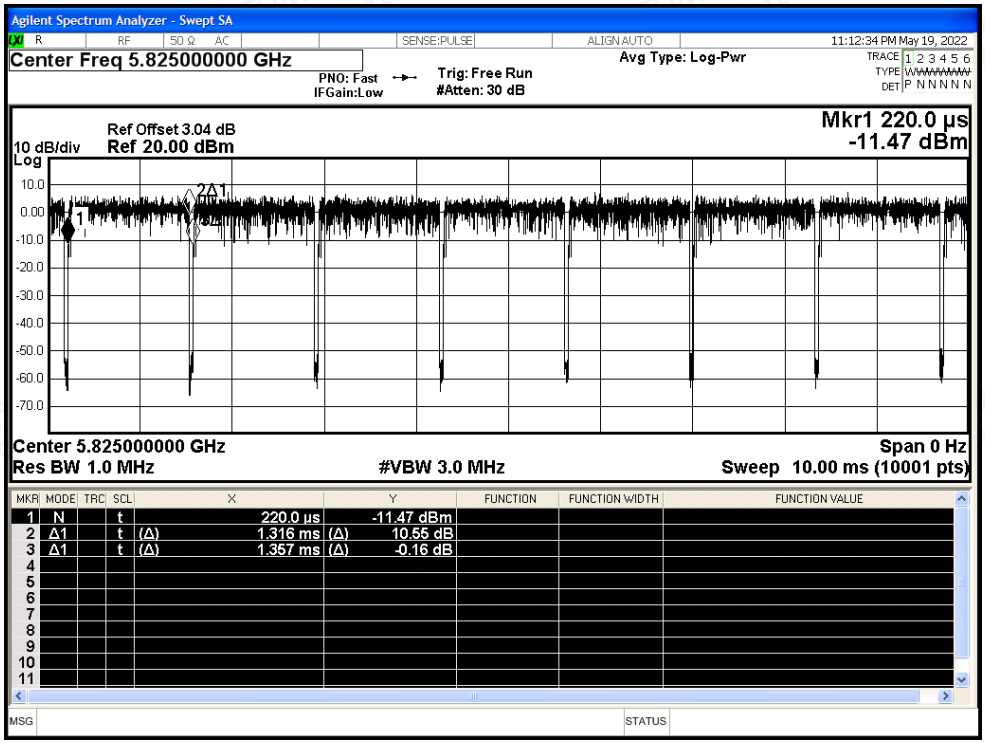
Duty Cycle NVNT ac20 5745MHz Ant0



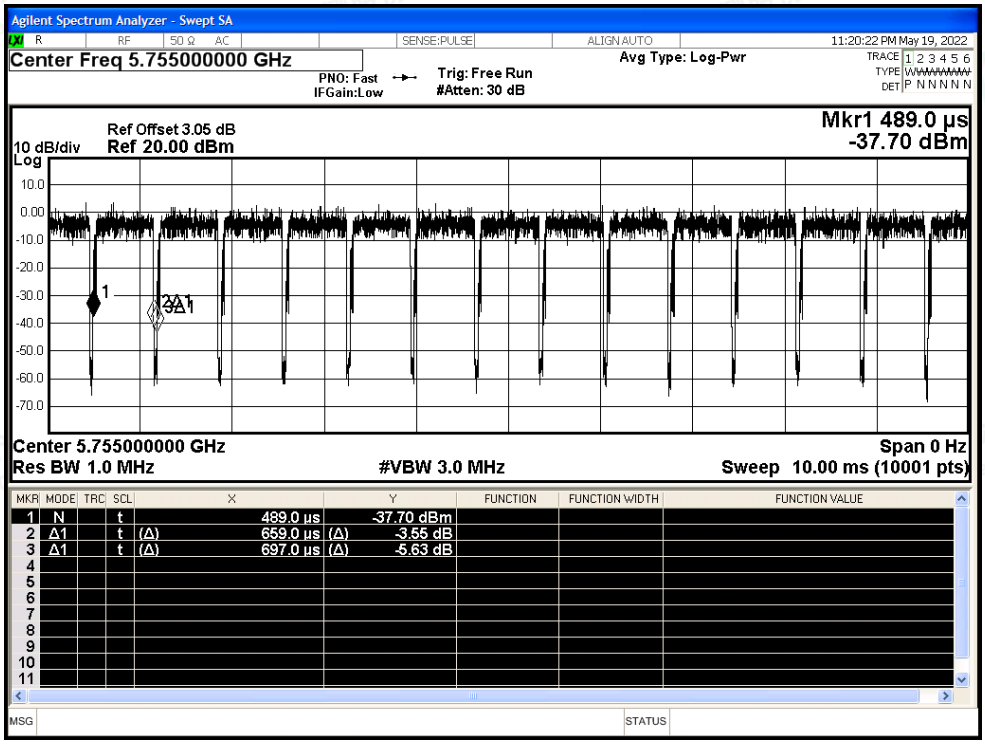
Duty Cycle NVNT ac20 5785MHz Ant0



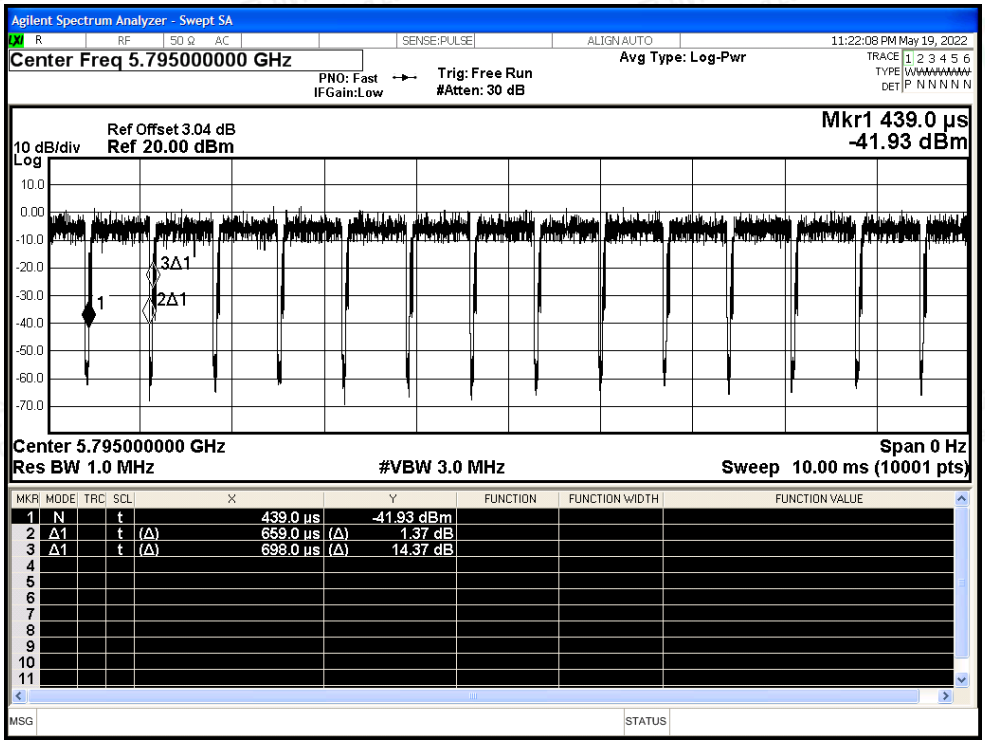
Duty Cycle NVNT ac20 5825MHz Ant0



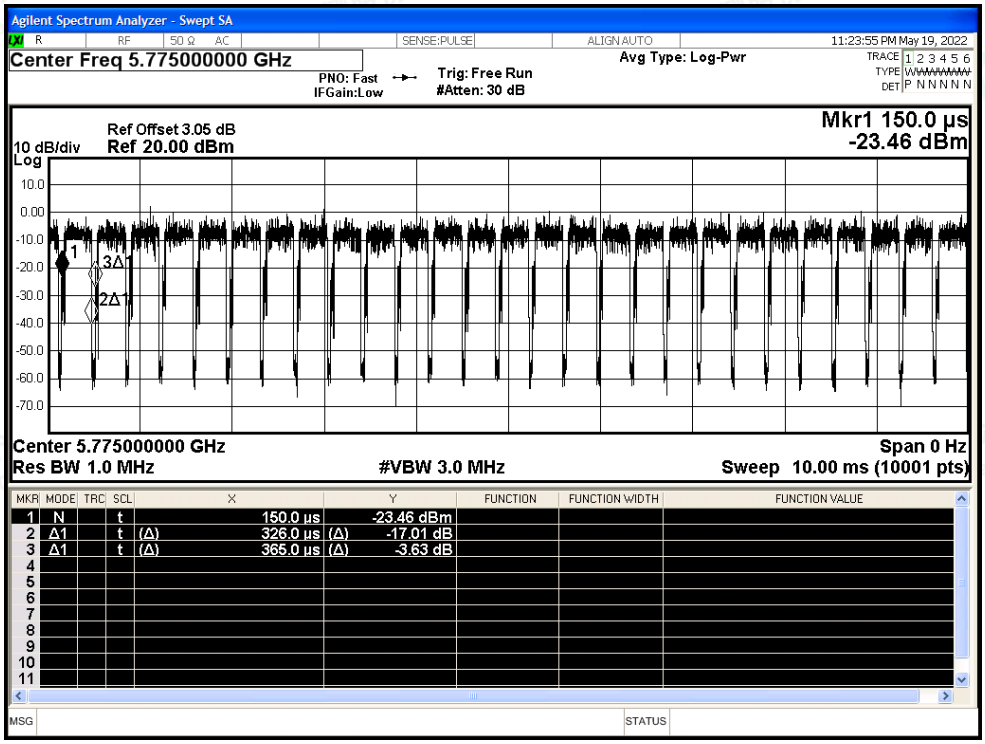
Duty Cycle NVNT ac40 5755MHz Ant0



Duty Cycle NVNT ac40 5795MHz Ant0



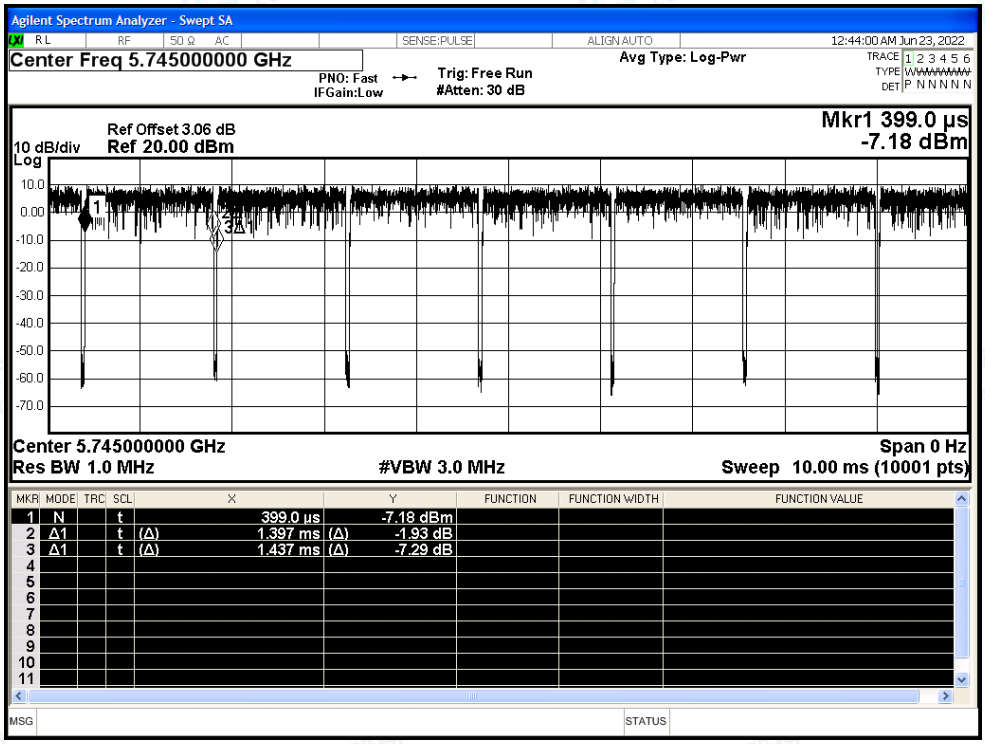
Duty Cycle NVNT ac80 5775MHz Ant0



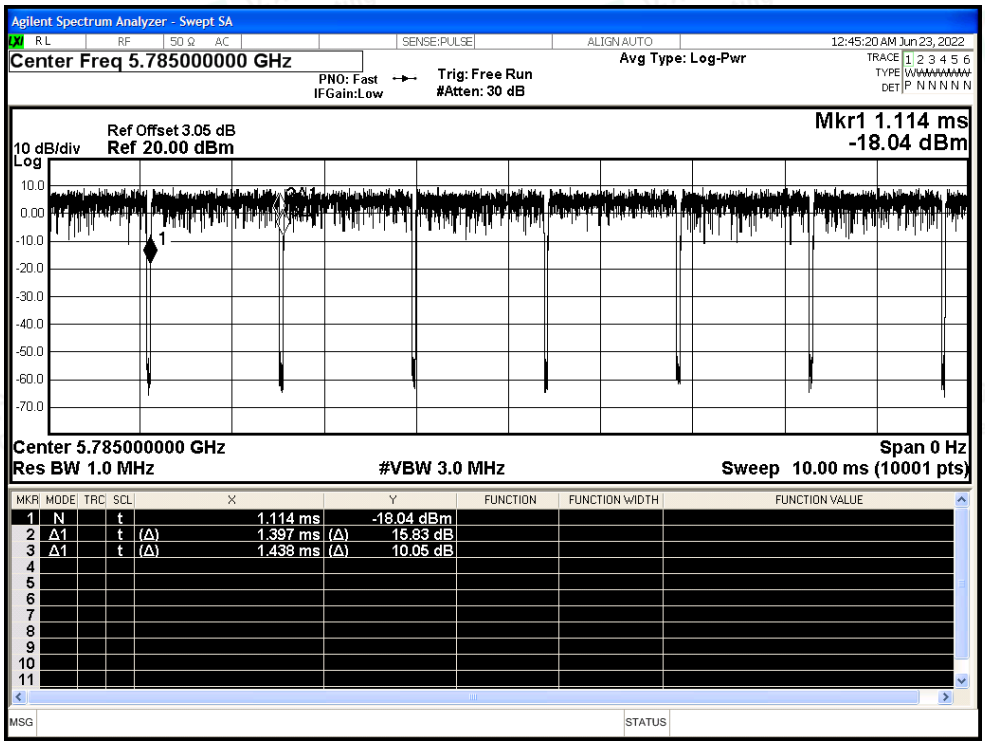
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	97.22	0.12	0.72
NVNT	a	5785	Ant1	97.15	0.13	0.72
NVNT	a	5825	Ant1	97.15	0.13	0.72
NVNT	n20	5745	Ant1	96.96	0.13	0.76
NVNT	n20	5785	Ant1	97.03	0.13	0.76
NVNT	n20	5825	Ant1	96.96	0.13	0.76
NVNT	n40	5755	Ant1	94.19	0.26	1.54
NVNT	n40	5795	Ant1	94.2	0.26	1.54
NVNT	ac20	5745	Ant1	96.98	0.13	0.76
NVNT	ac20	5785	Ant1	96.98	0.13	0.76
NVNT	ac20	5825	Ant1	97.05	0.13	0.76
NVNT	ac40	5755	Ant1	94.55	0.24	1.52
NVNT	ac40	5795	Ant1	94.4	0.25	1.52
NVNT	ac80	5775	Ant1	89.32	0.49	3.07

Test Graphs

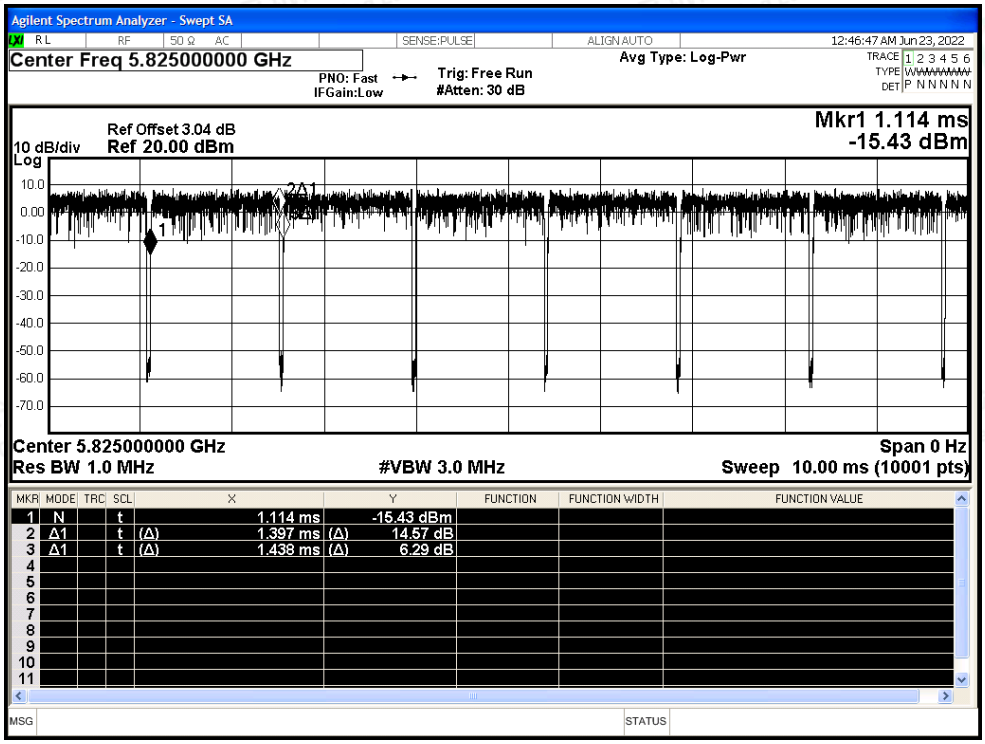
Duty Cycle NVNT a 5745MHz Ant1



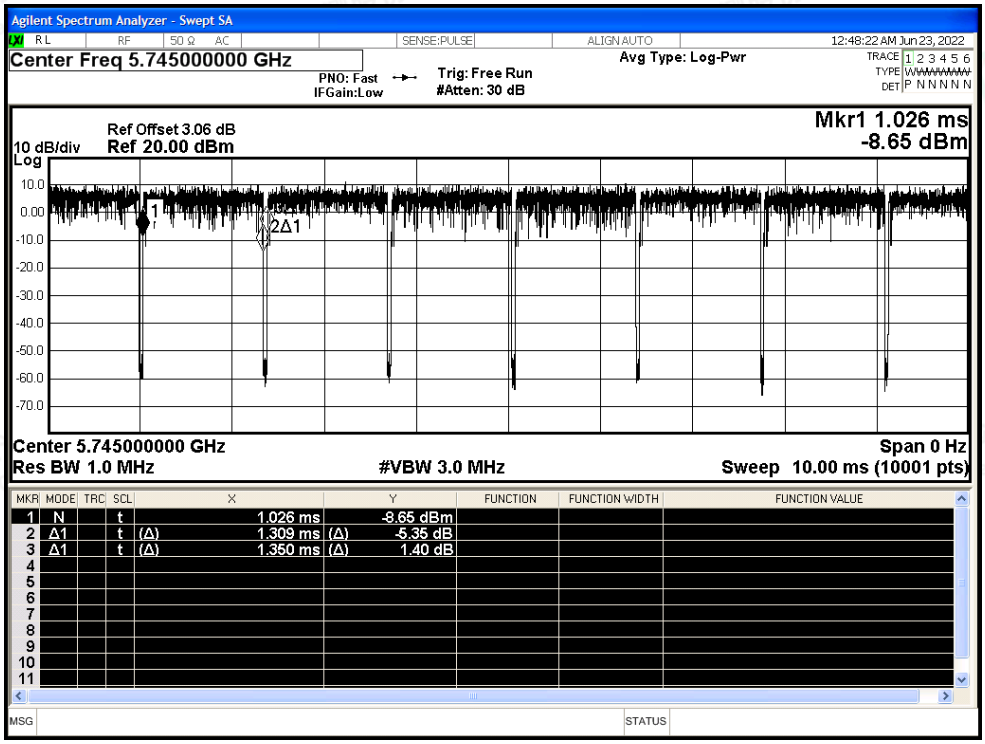
Duty Cycle NVNT a 5785MHz Ant1



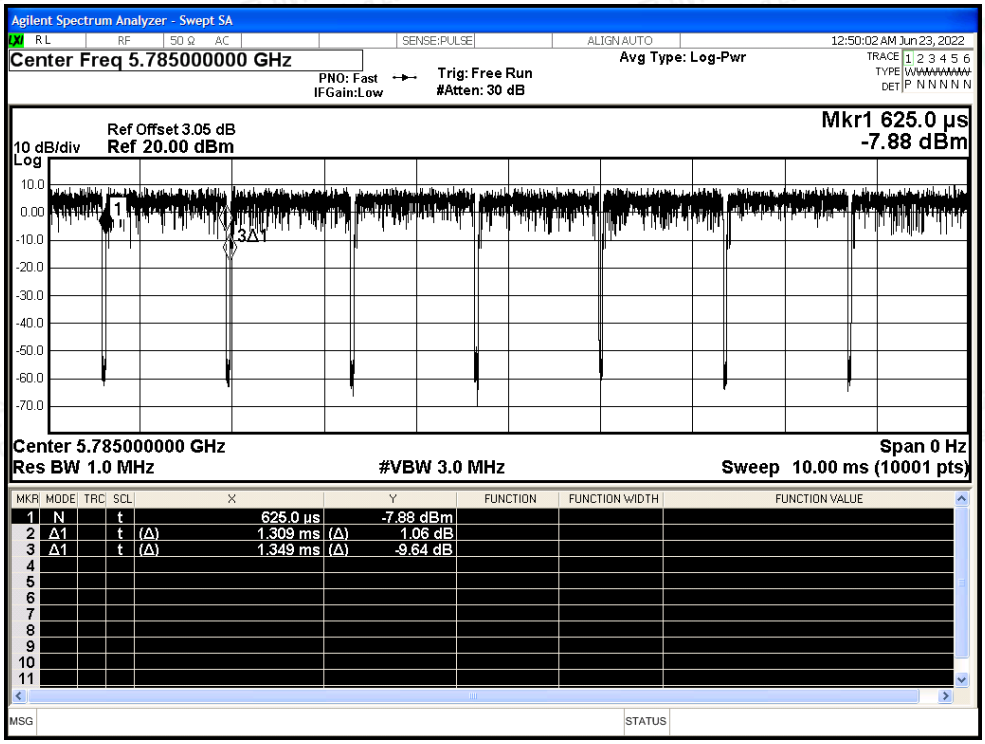
Duty Cycle NVNT a 5825MHz Ant1



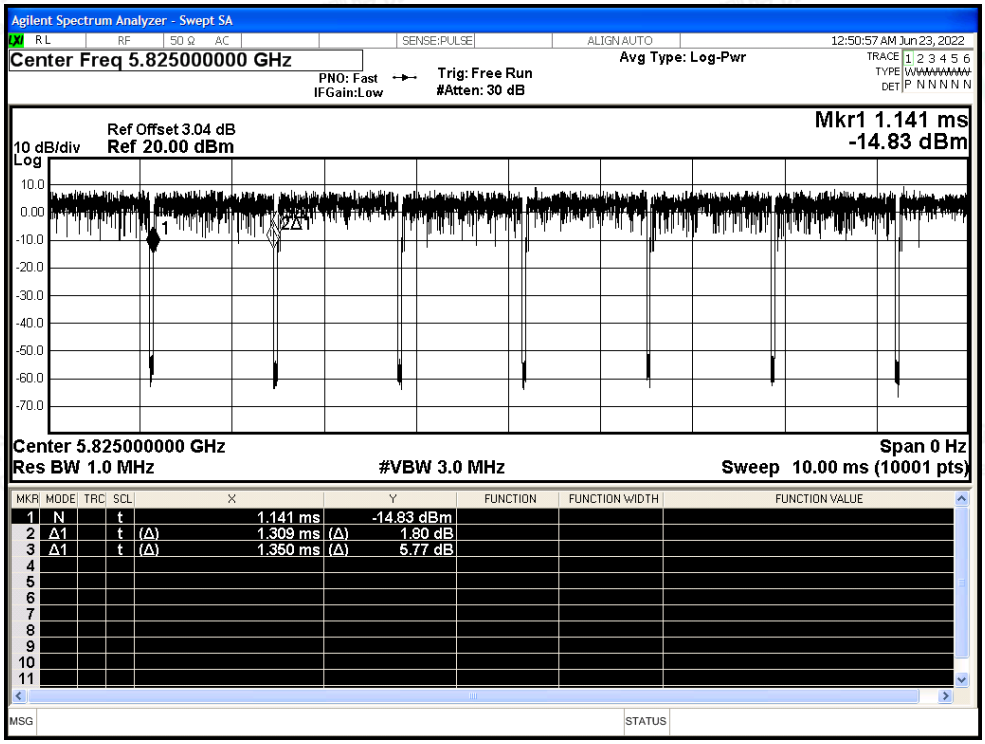
Duty Cycle NVNT n20 5745MHz Ant1



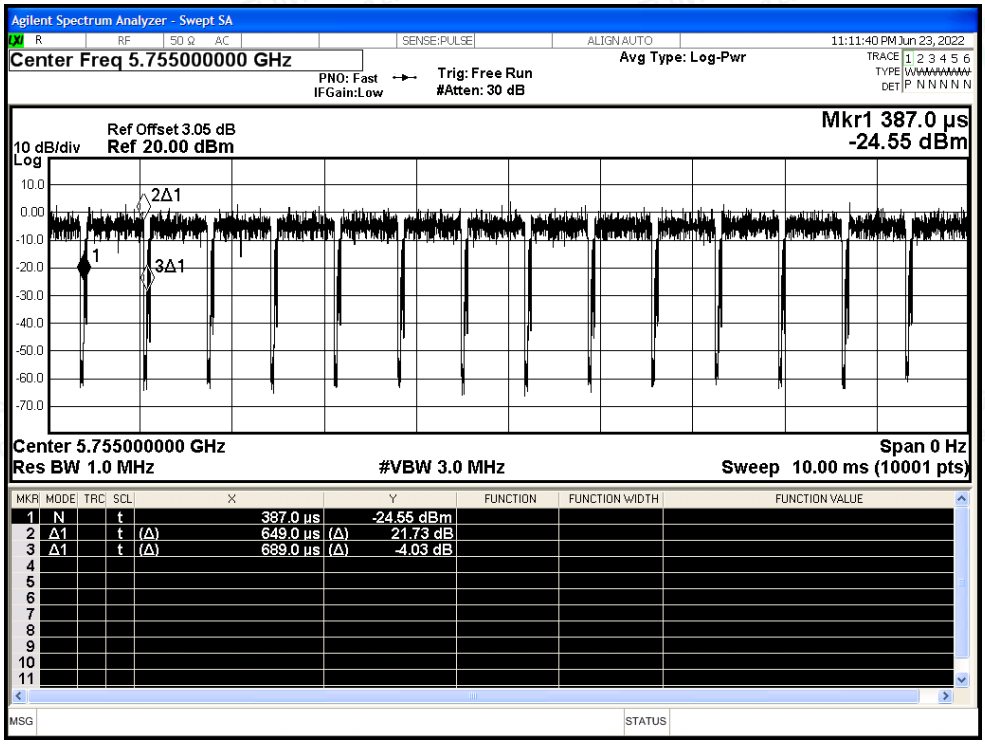
Duty Cycle NVNT n20 5785MHz Ant1



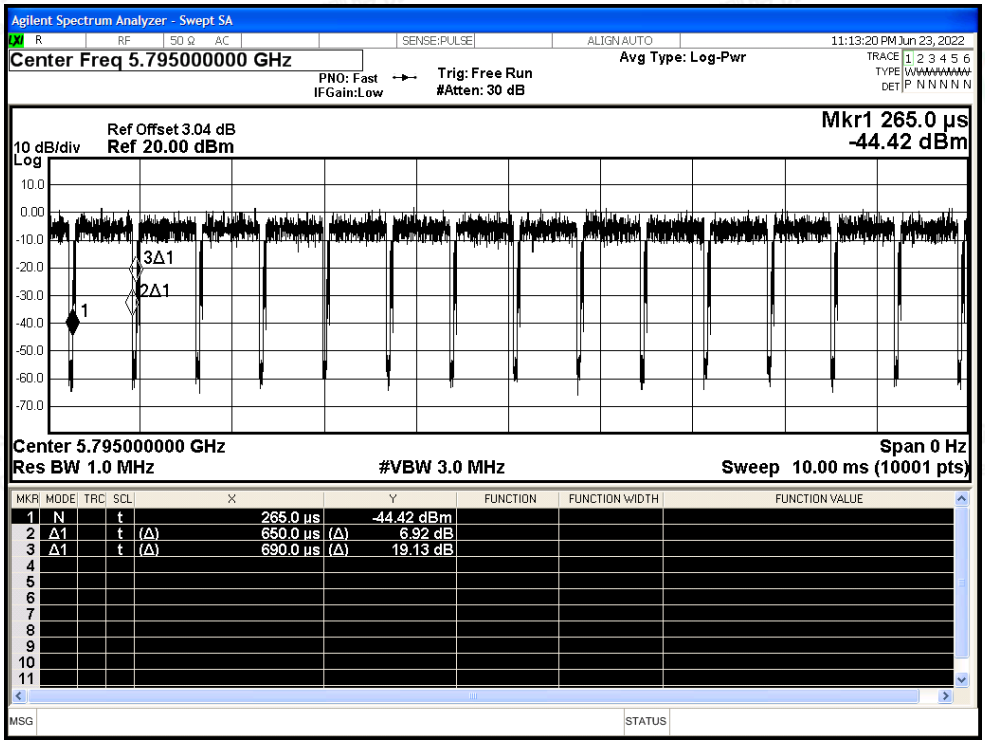
Duty Cycle NVNT n20 5825MHz Ant1



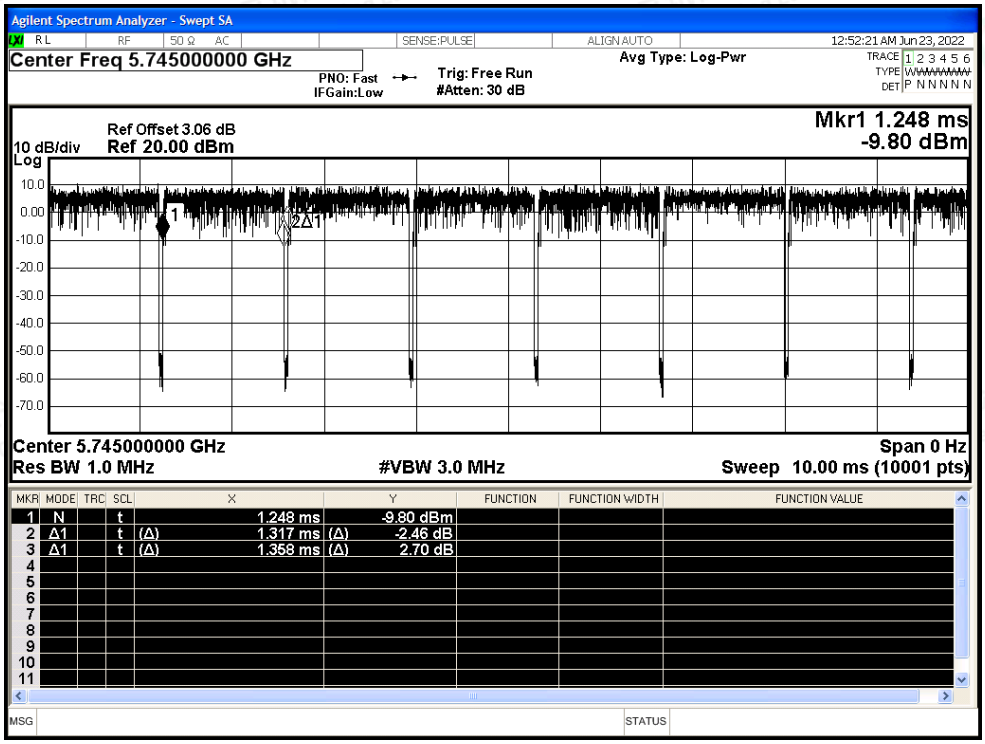
Duty Cycle NVNT n40 5755MHz Ant1



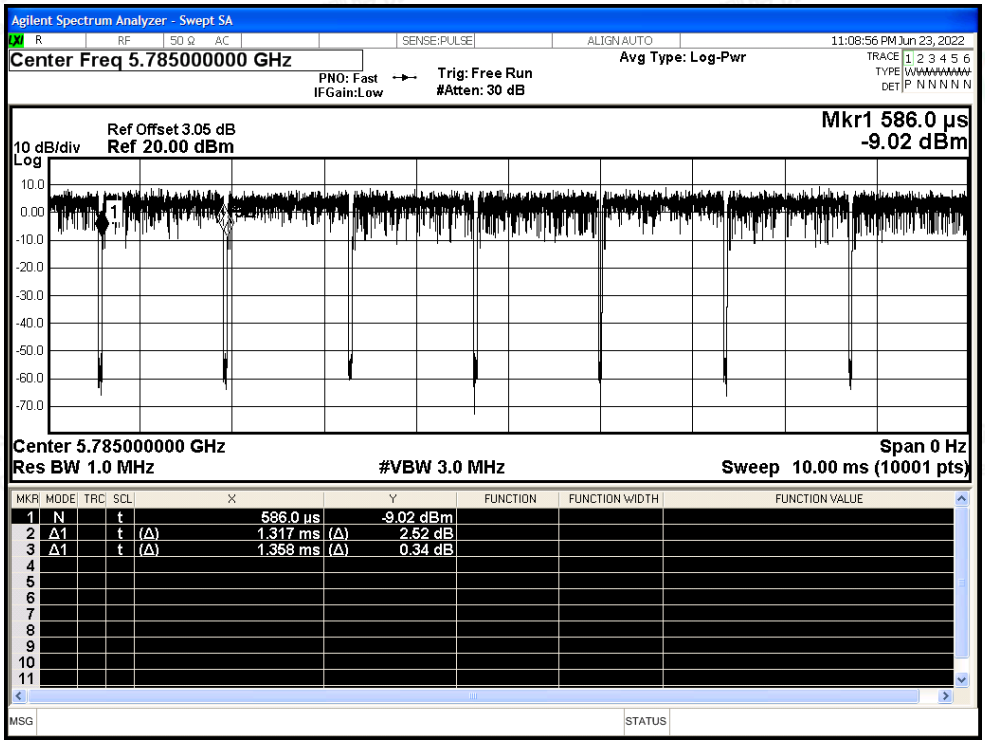
Duty Cycle NVNT n40 5795MHz Ant1



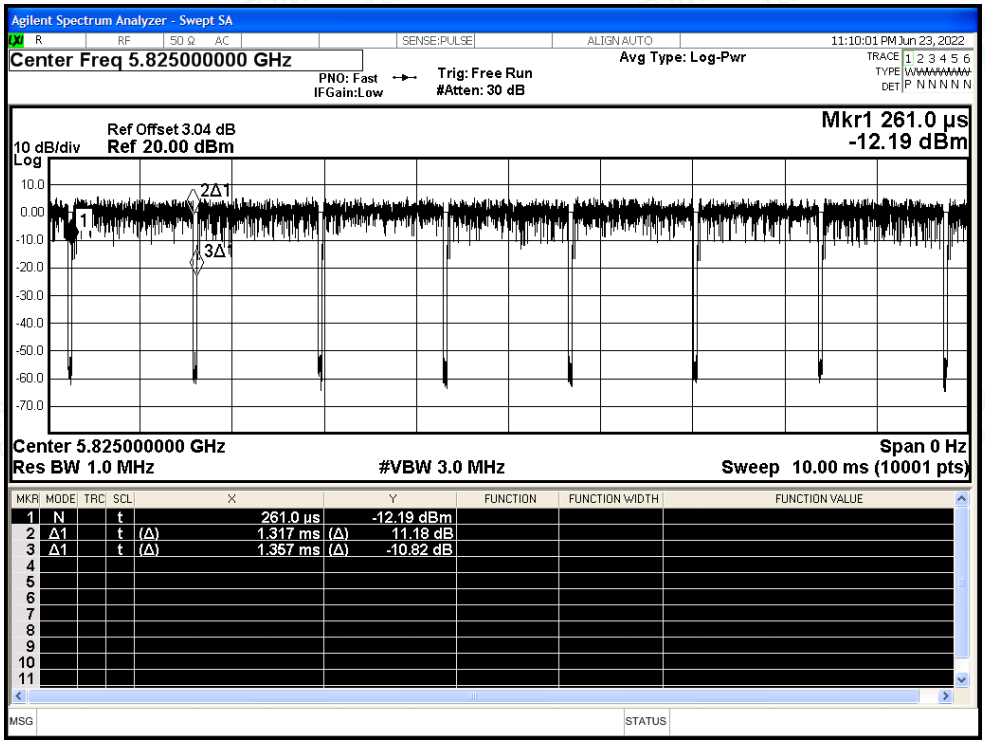
Duty Cycle NVNT ac20 5745MHz Ant1



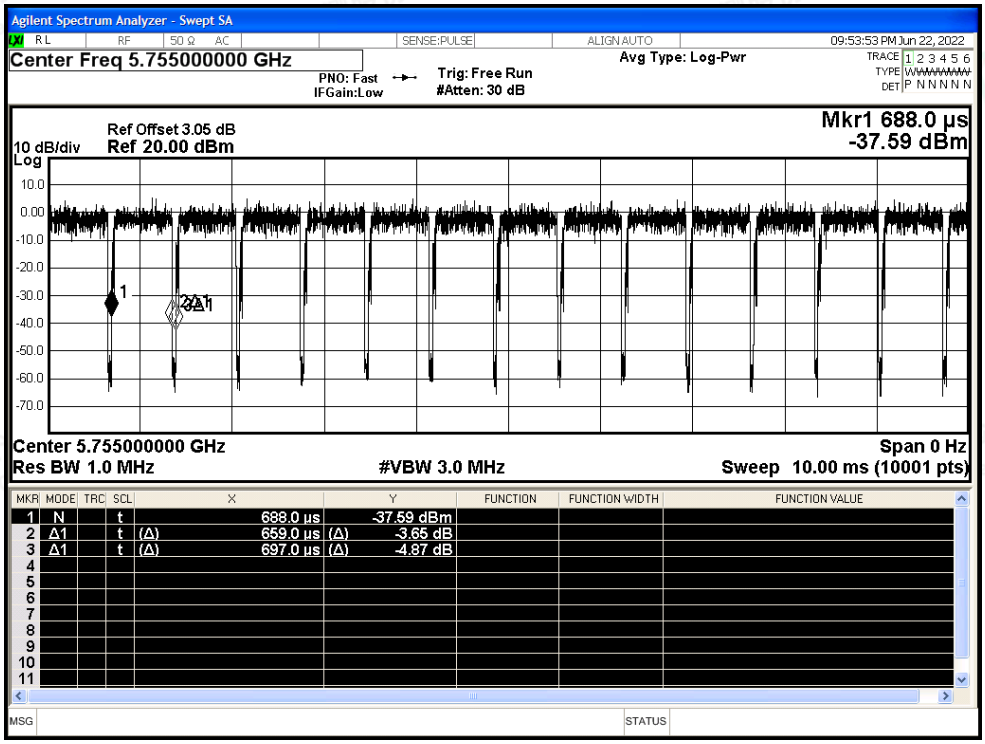
Duty Cycle NVNT ac20 5785MHz Ant1



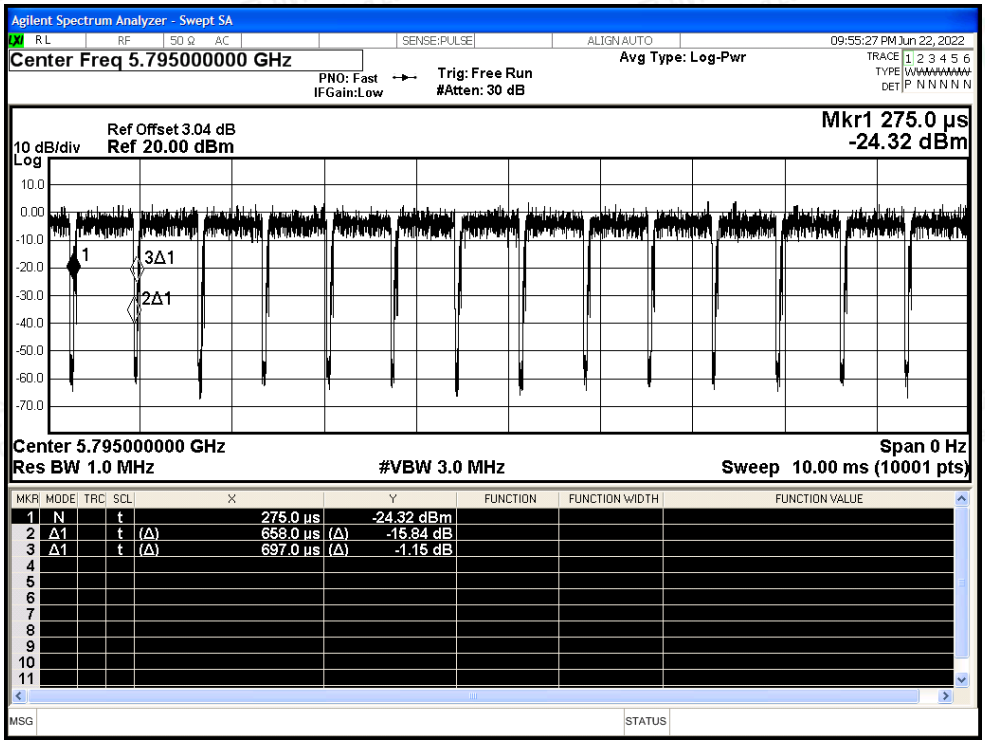
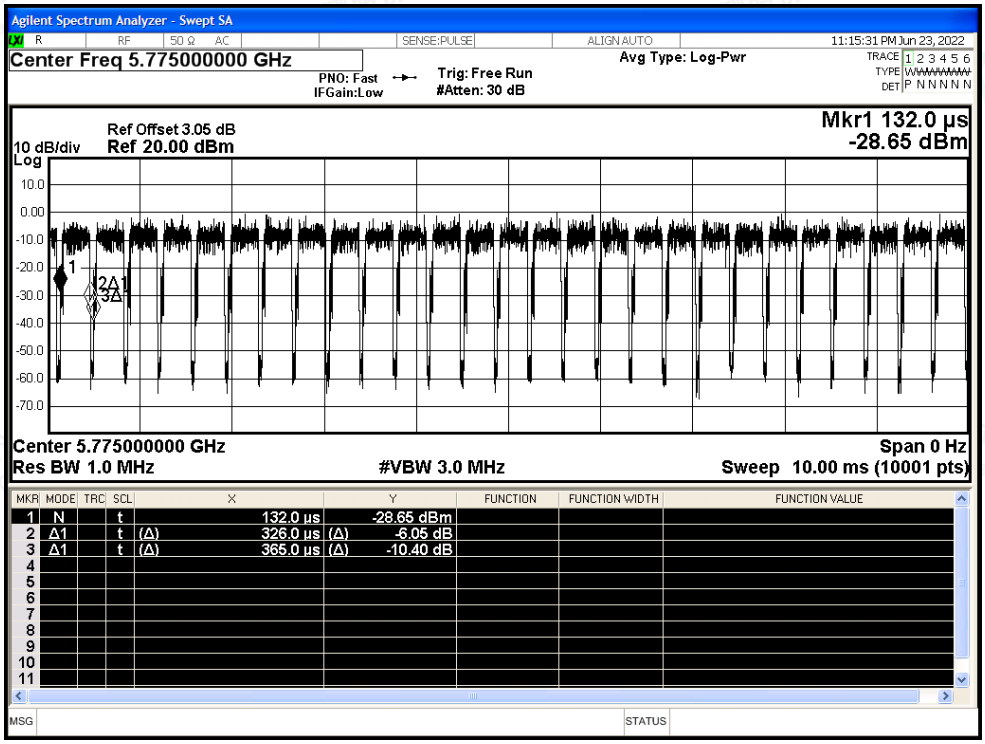
Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1



Duty Cycle NVNT ac40 5795MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant1