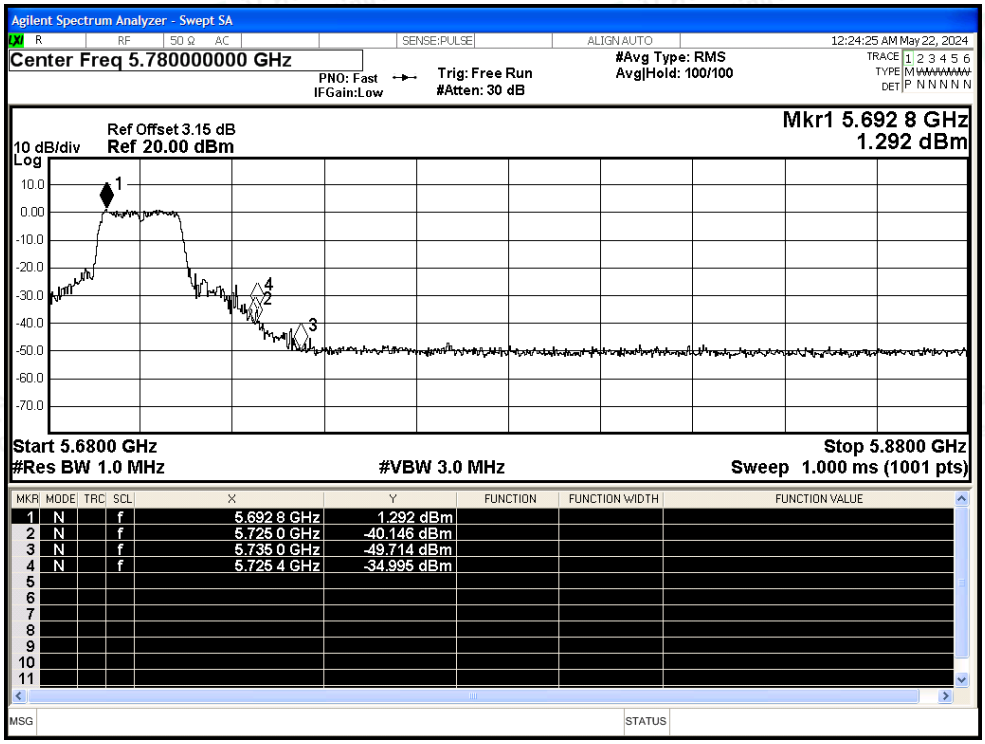
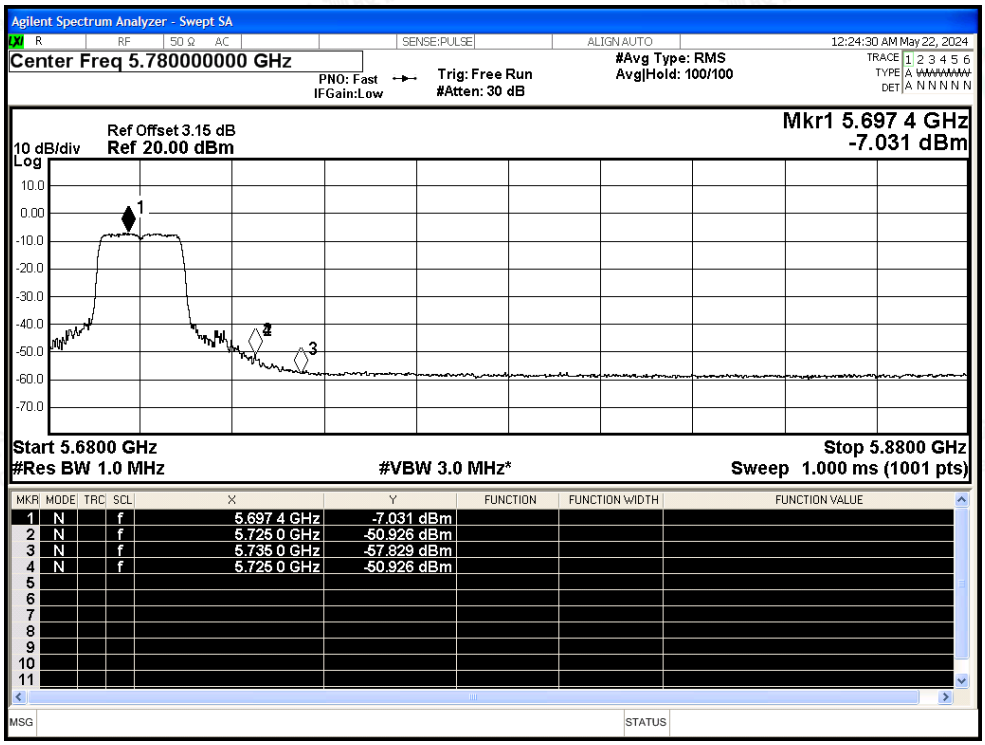
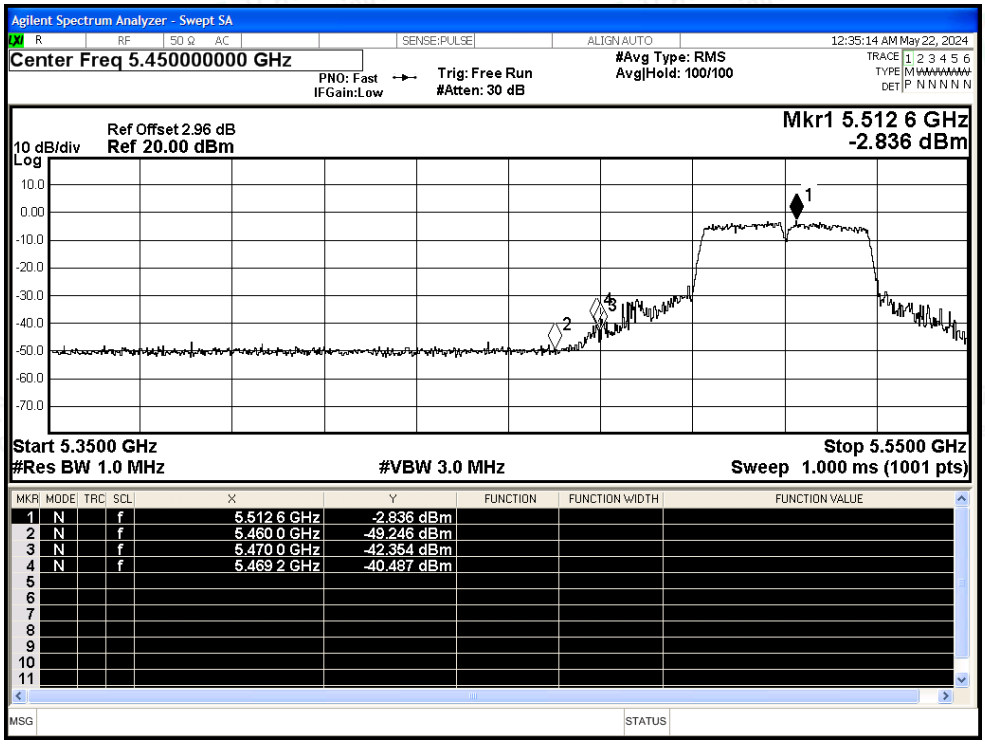
Restrict Band NVNT n20 5700MHz Peak



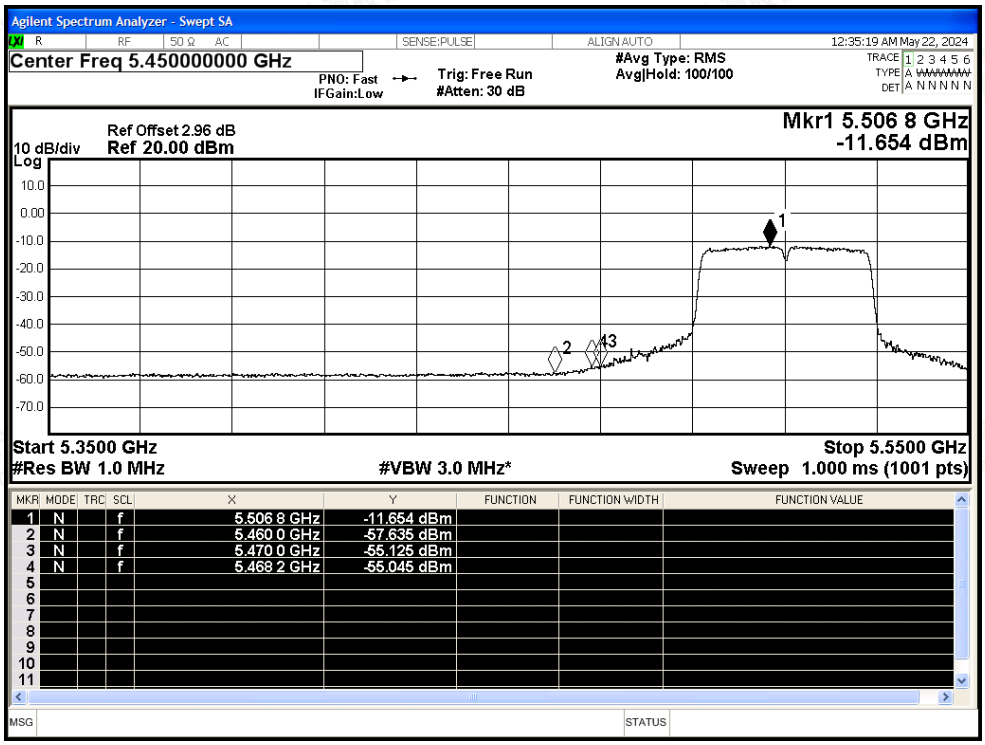
Restrict Band NVNT n20 5700MHz Average



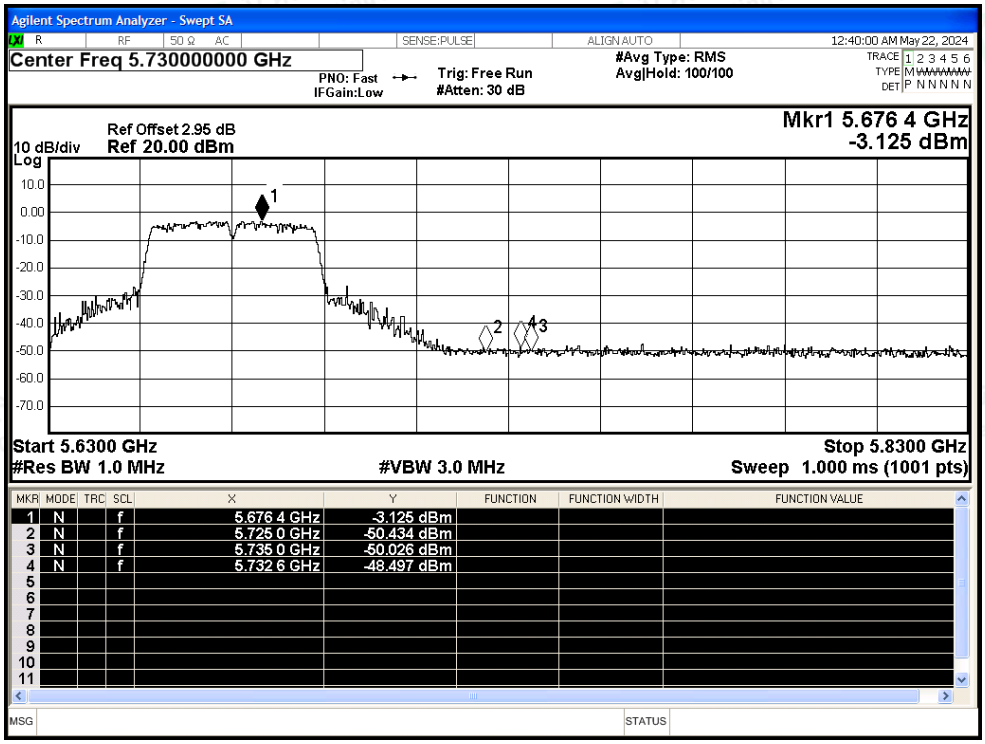
Restrict Band NVNT n40 5510MHz Peak



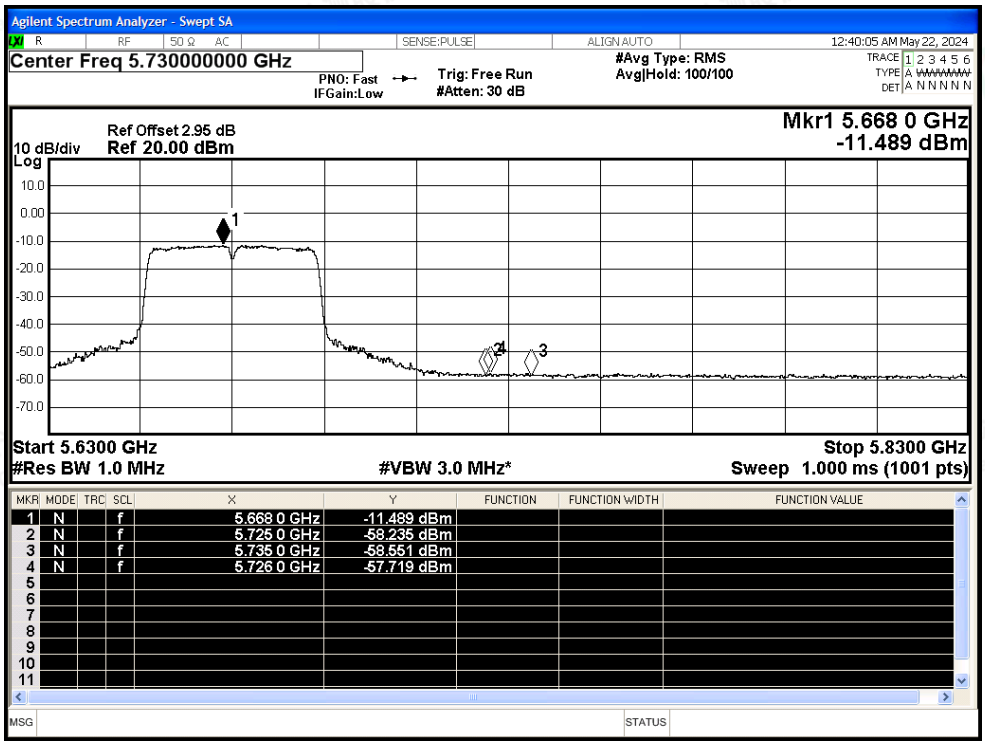
Restrict Band NVNT n40 5510MHz Average



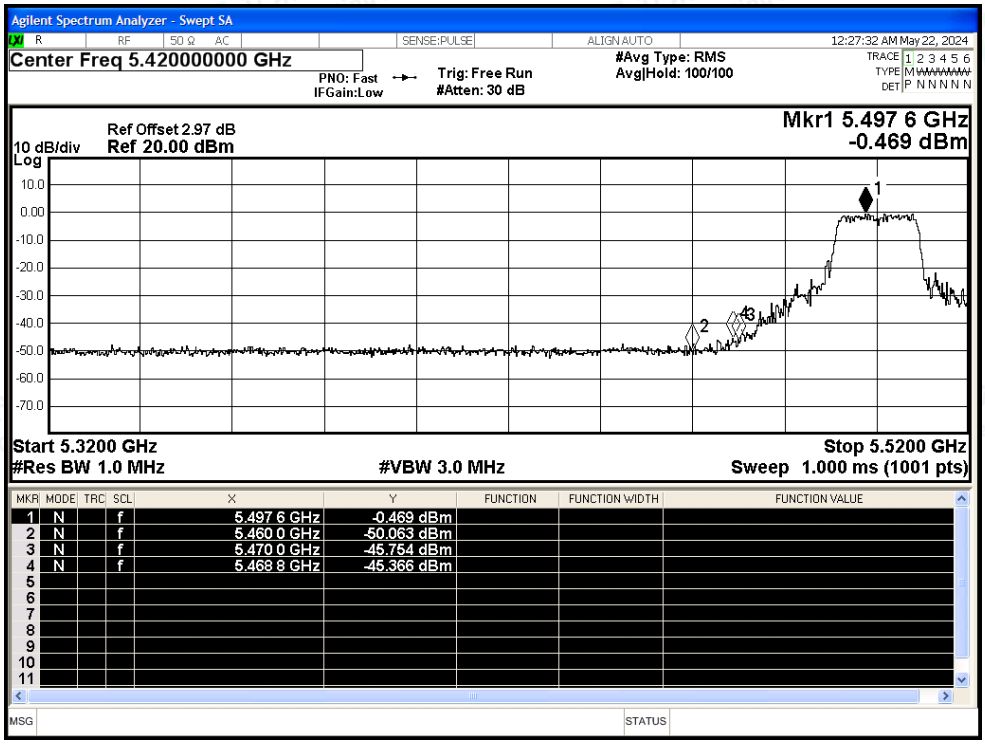
Restrict Band NVNT n40 5670MHz Peak



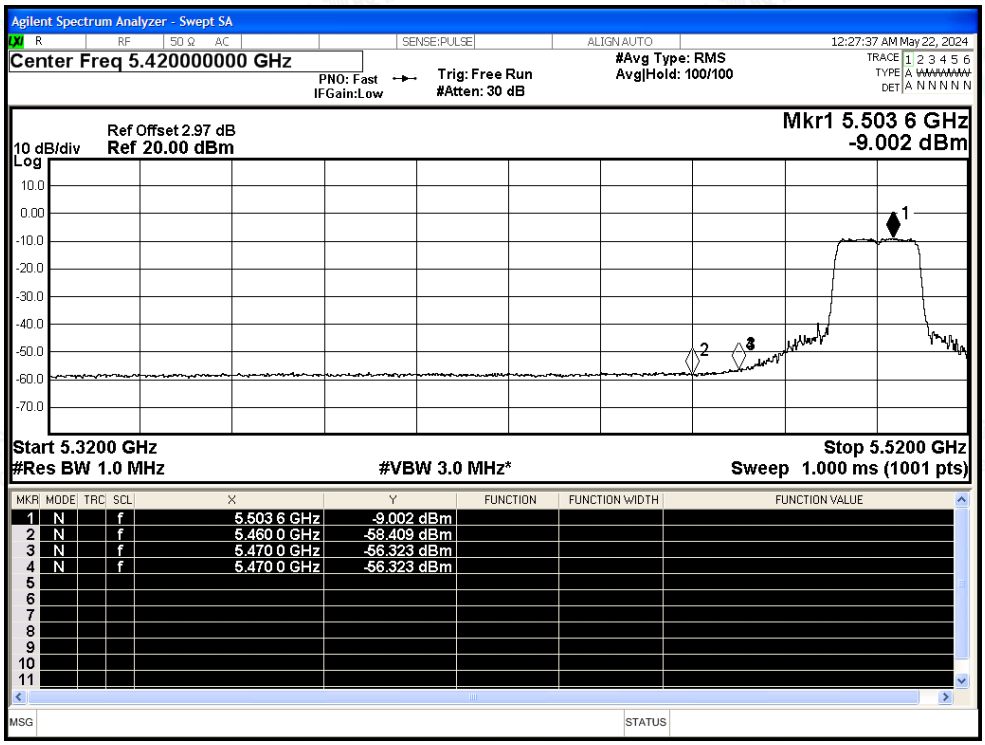
Restrict Band NVNT n40 5670MHz Average



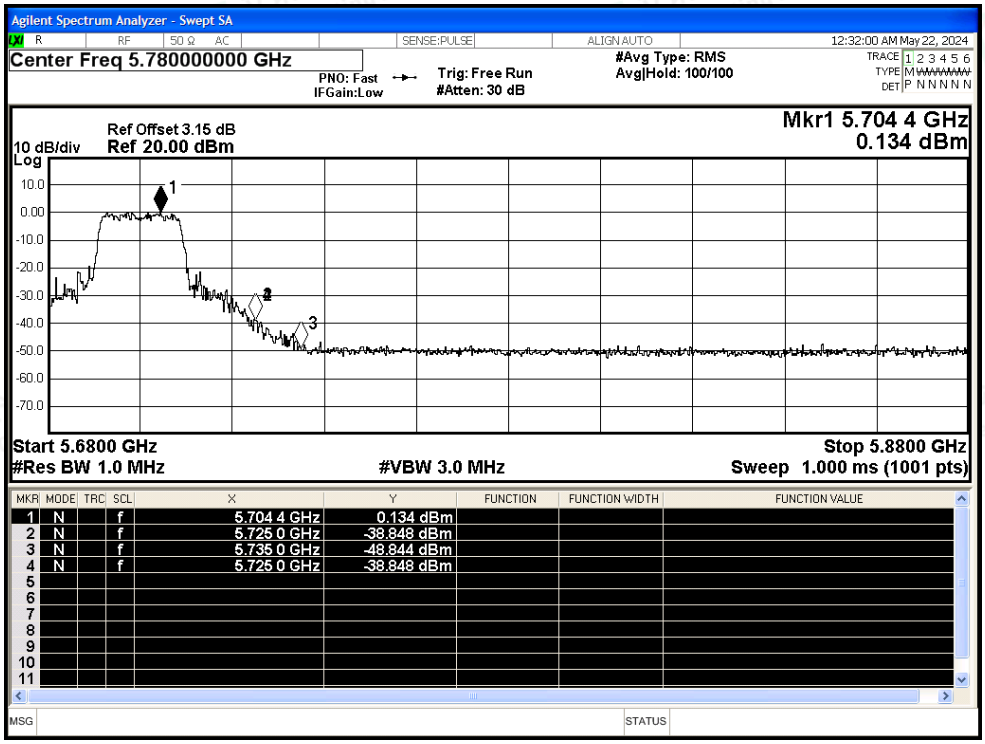
Restrict Band NVNT ac20 5500MHz Peak



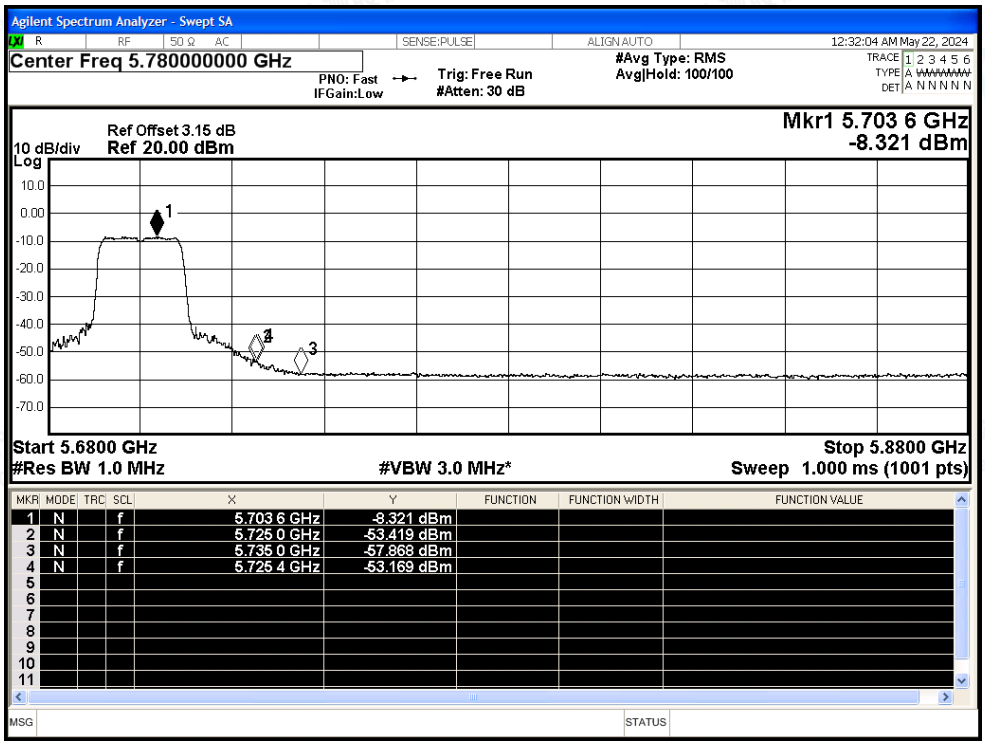
Restrict Band NVNT ac20 5500MHz Average



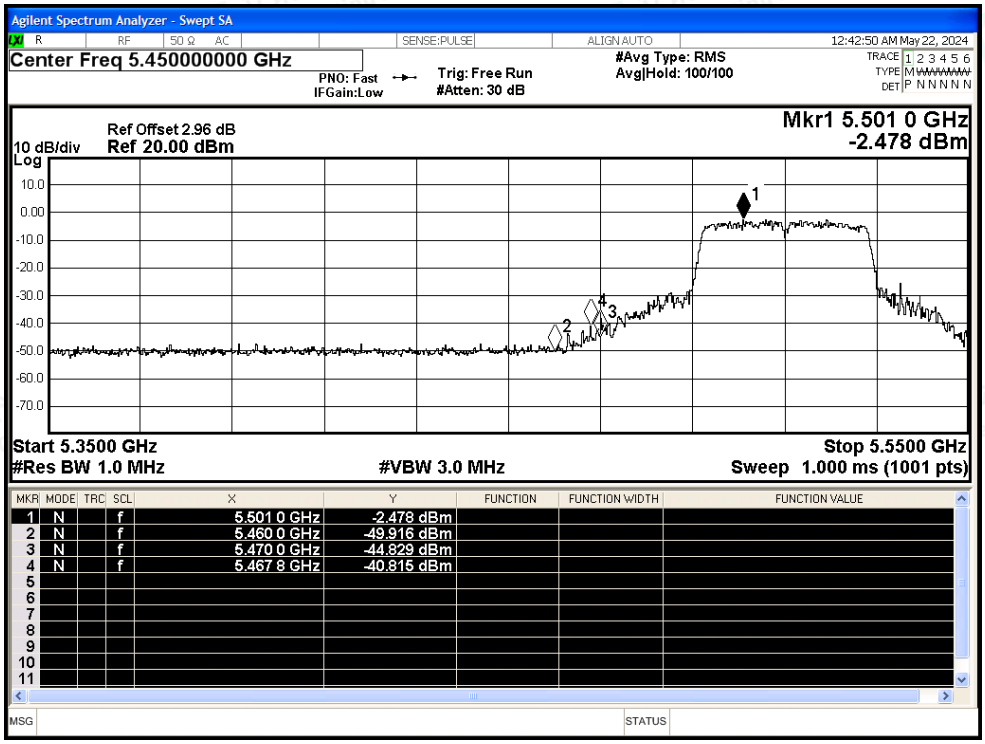
Restrict Band NVNT ac20 5700MHz Peak



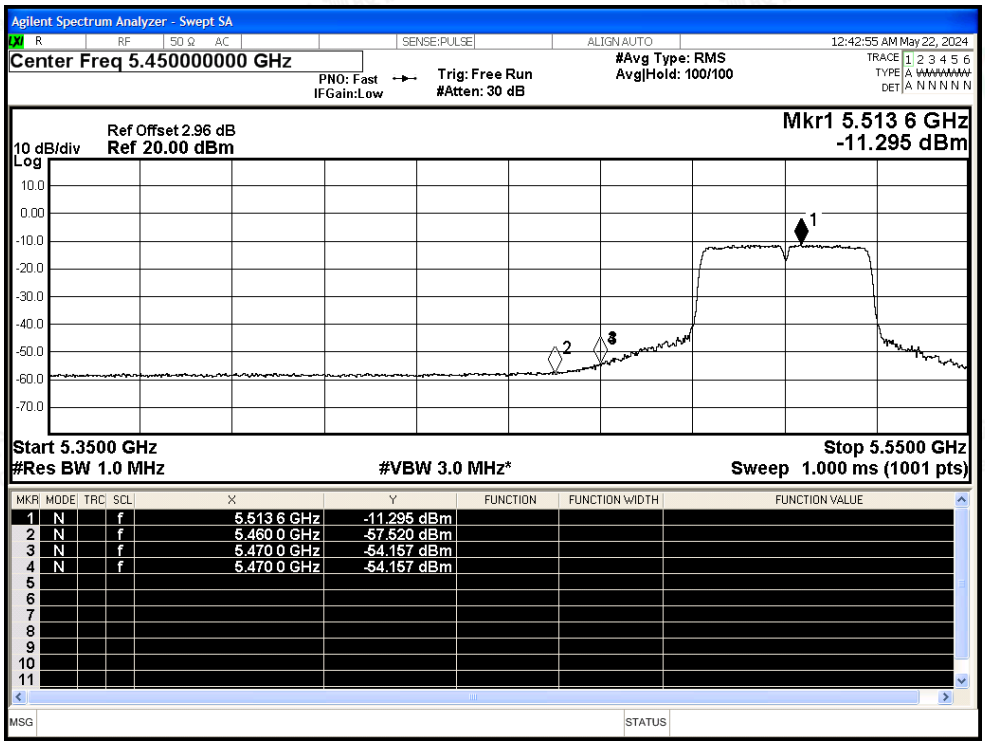
Restrict Band NVNT ac20 5700MHz Average



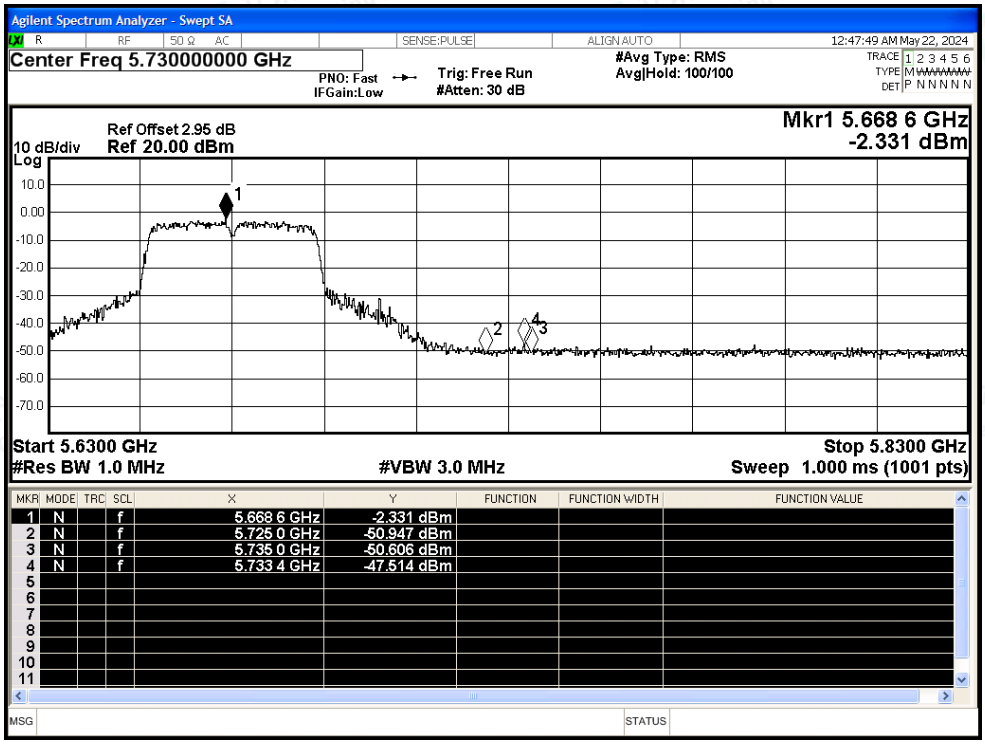
Restrict Band NVNT ac40 5510MHz Peak



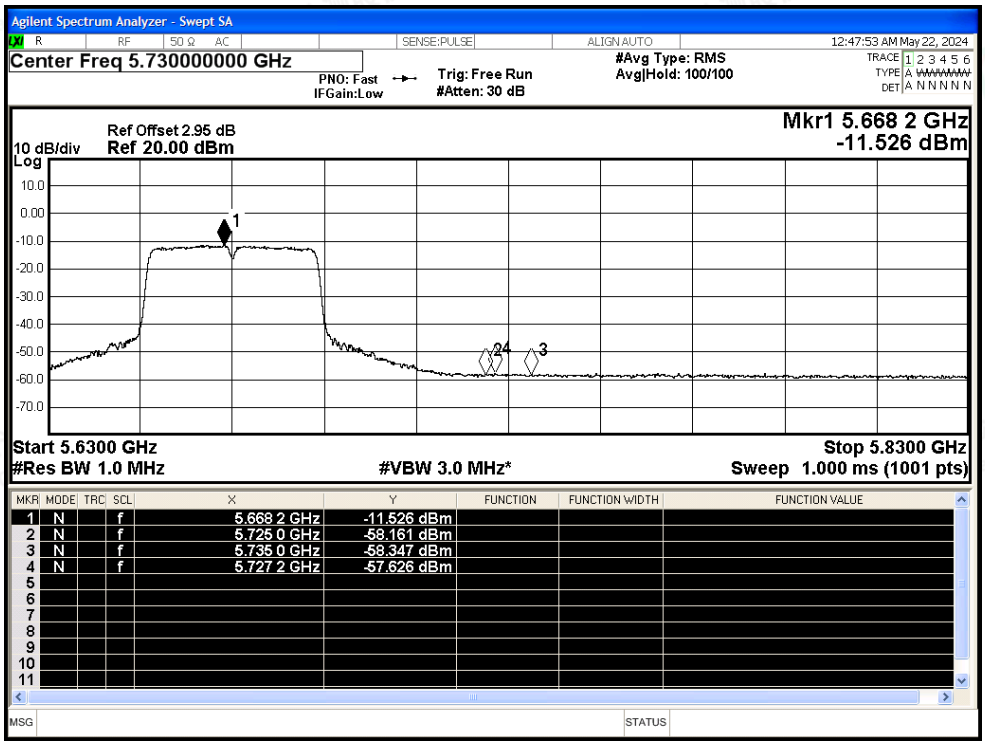
Restrict Band NVNT ac40 5510MHz Average



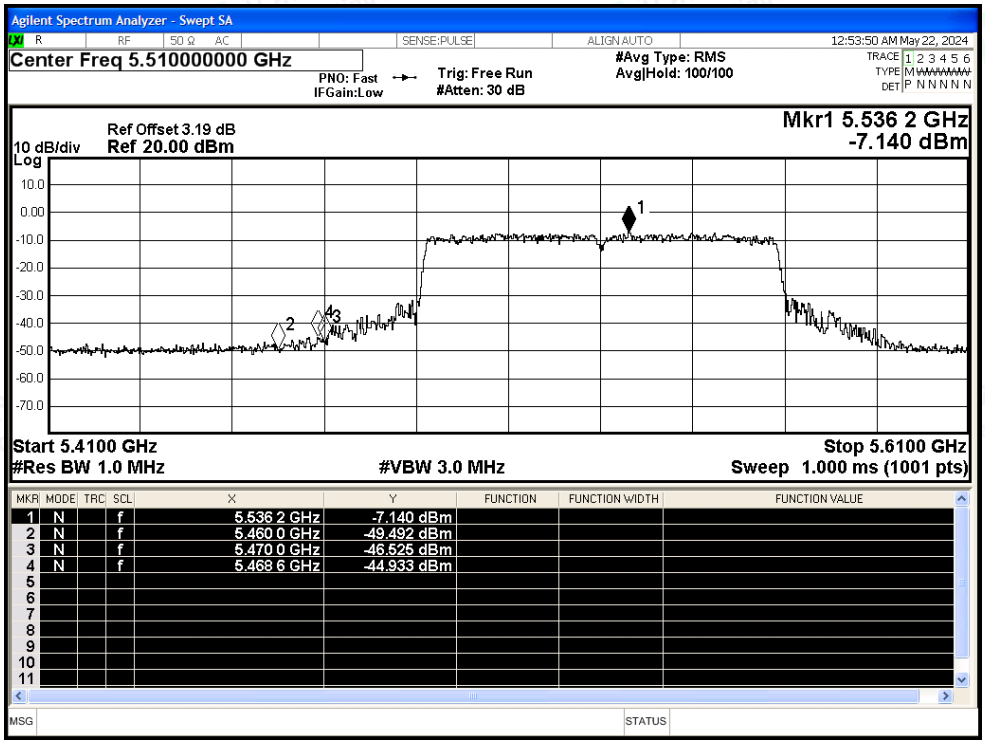
Restrict Band NVNT ac40 5670MHz Peak



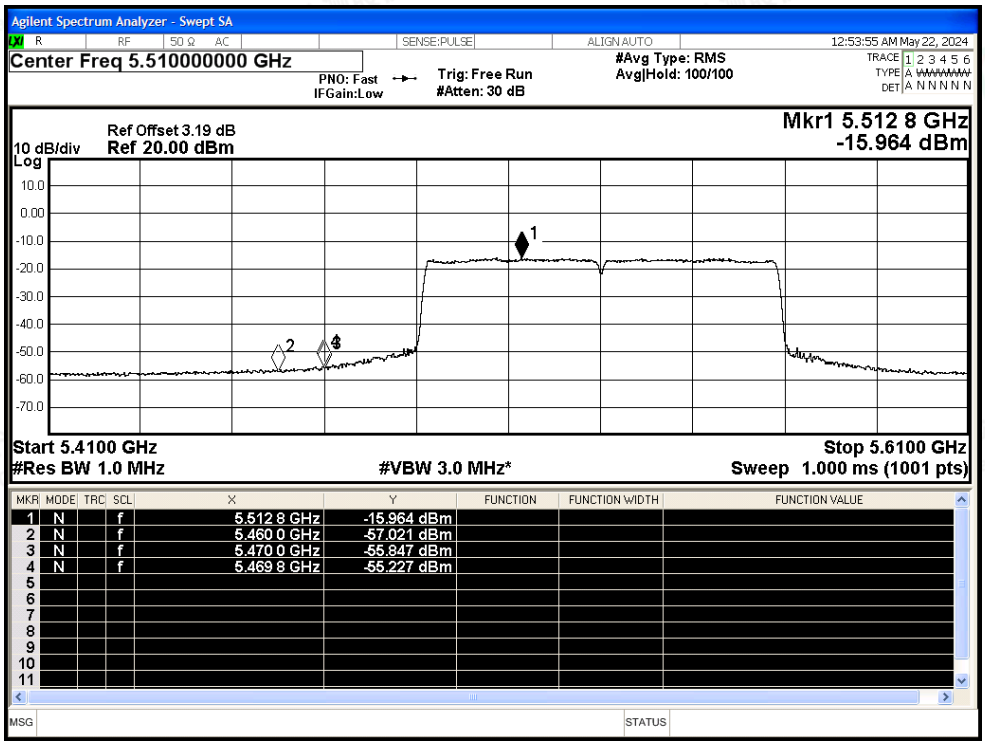
Restrict Band NVNT ac40 5670MHz Average



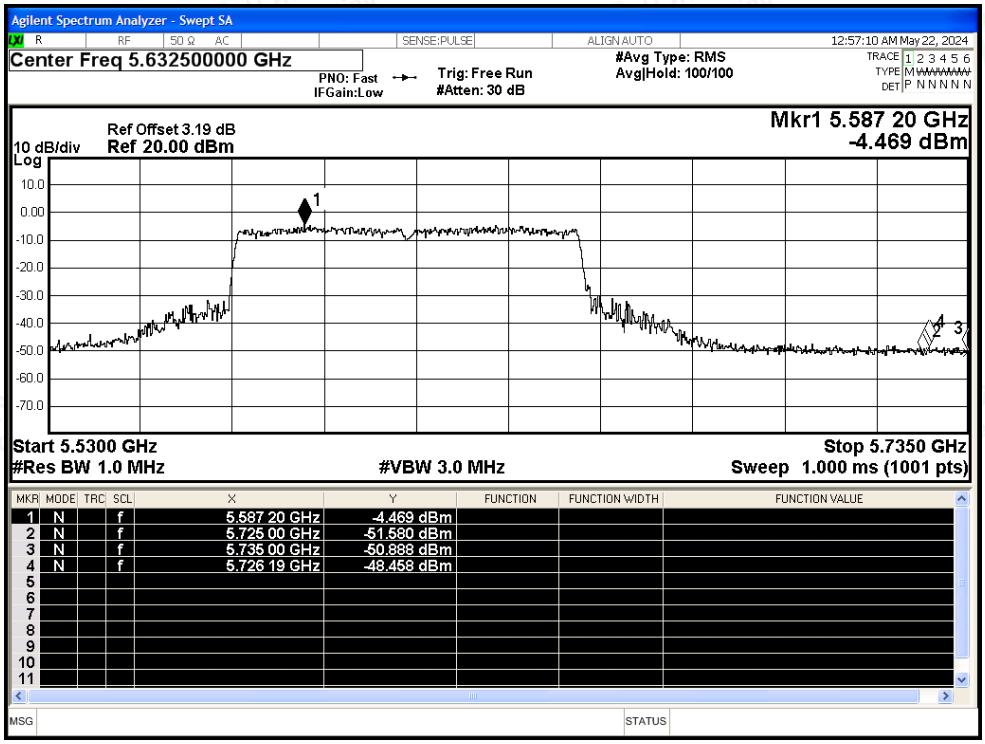
Restrict Band NVNT ac80 5530MHz Peak



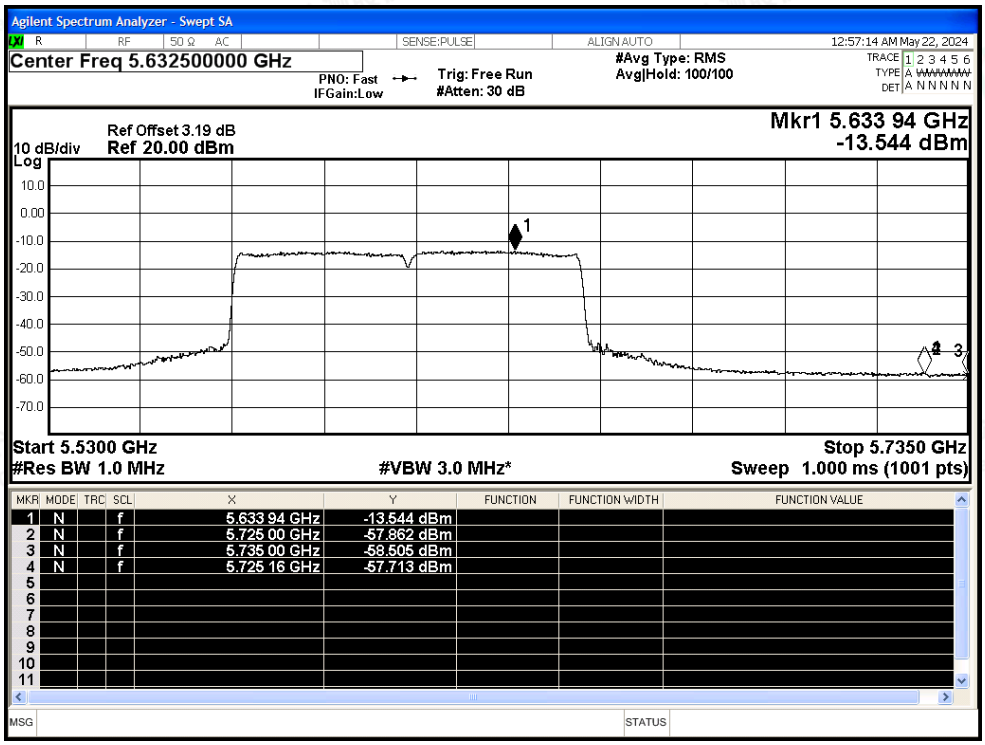
Restrict Band NVNT ac80 5530MHz Average



Restrict Band NVNT ac80 5610MHz Peak



Restrict Band NVNT ac80 5610MHz Average

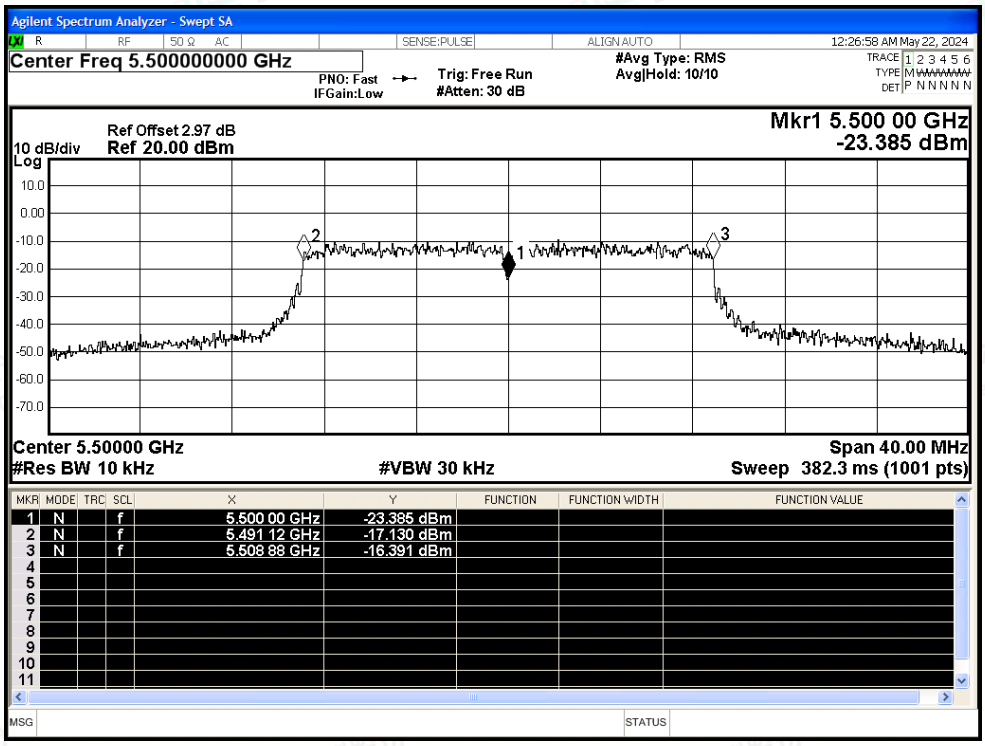


F.5 Frequency Stability

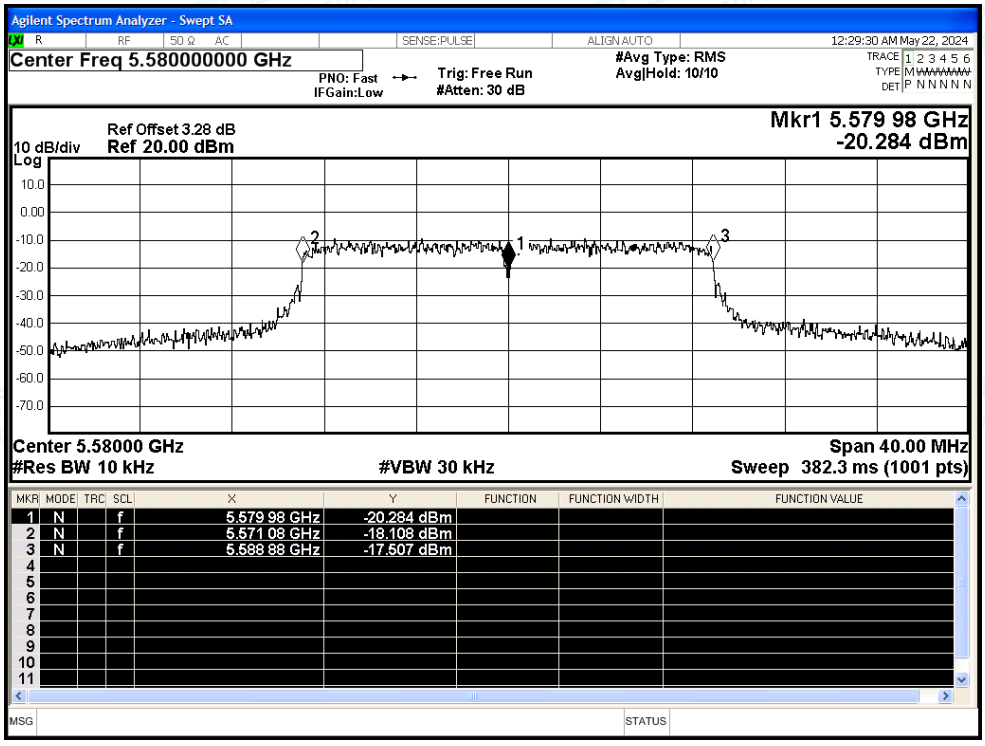
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ac20	5500	Ant1	5500	0	0	25	Pass
NVNT	ac20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
NVNT	ac20	5700	Ant1	5700.02	20000	3.51	25	Pass
NVNT	ac40	5510	Ant1	5510	0	0	25	Pass
NVNT	ac40	5550	Ant1	5550	0	0	25	Pass
NVNT	ac40	5670	Ant1	5670	0	0	25	Pass
NVNT	ac80	5530	Ant1	5530	0	0	25	Pass
NVNT	ac80	5610	Ant1	5610	0	0	25	Pass

Test Graphs

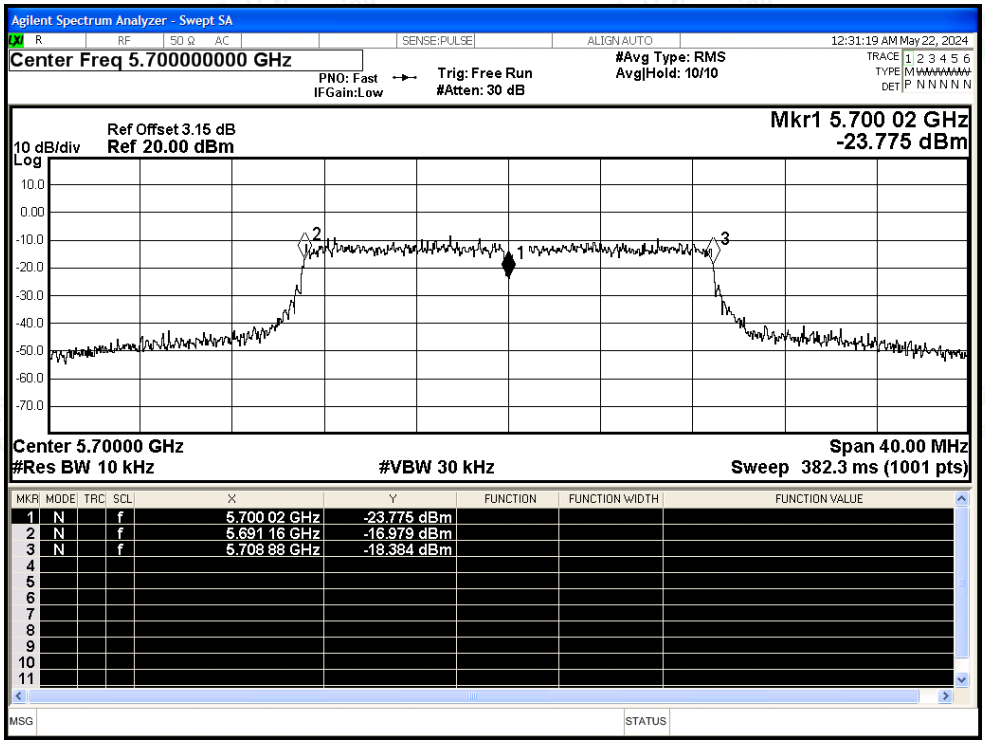
Freq. Stability NVNT ac20 5500MHz Ant1



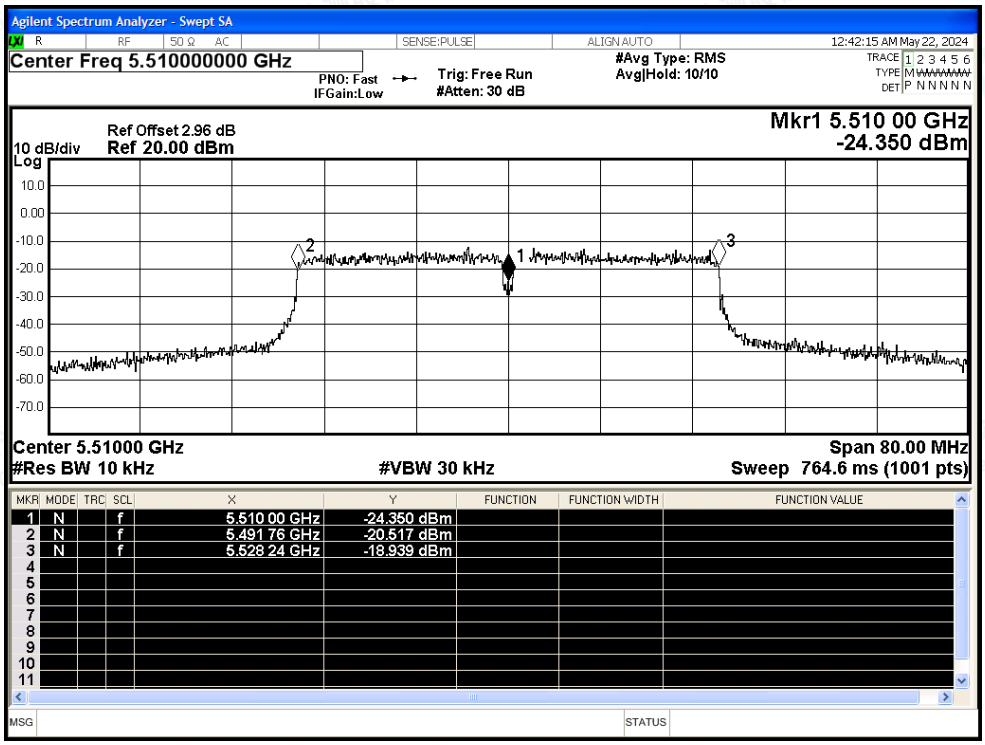
Freq. Stability NVNT ac20 5580MHz Ant1



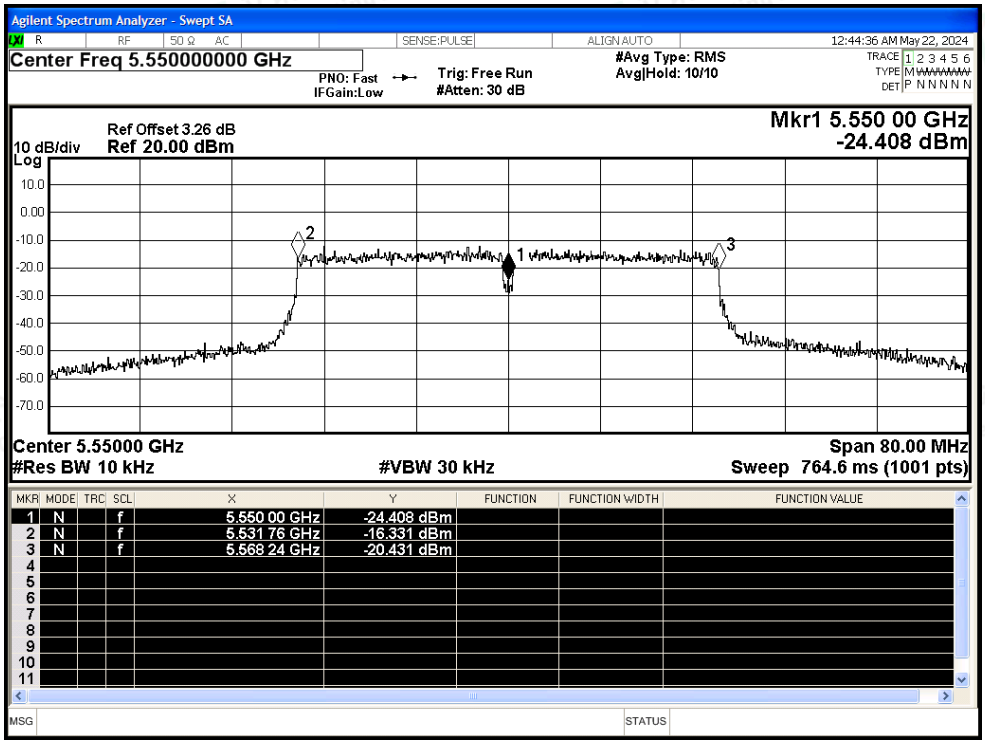
Freq. Stability NVNT ac20 5700MHz Ant1



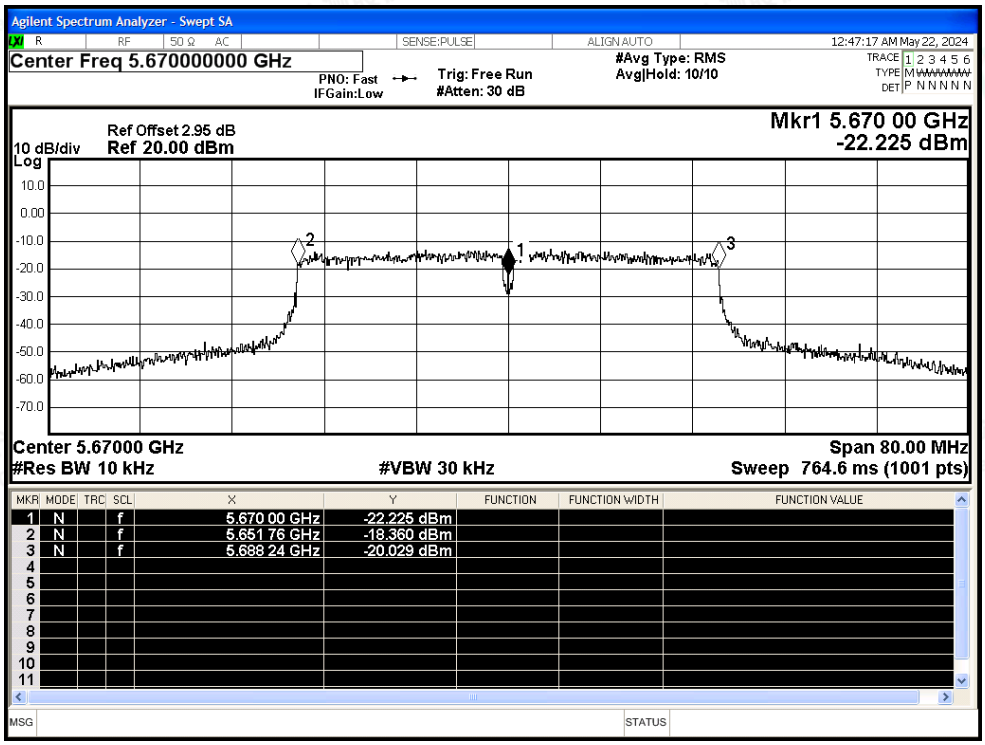
Freq. Stability NVNT ac40 5510MHz Ant1



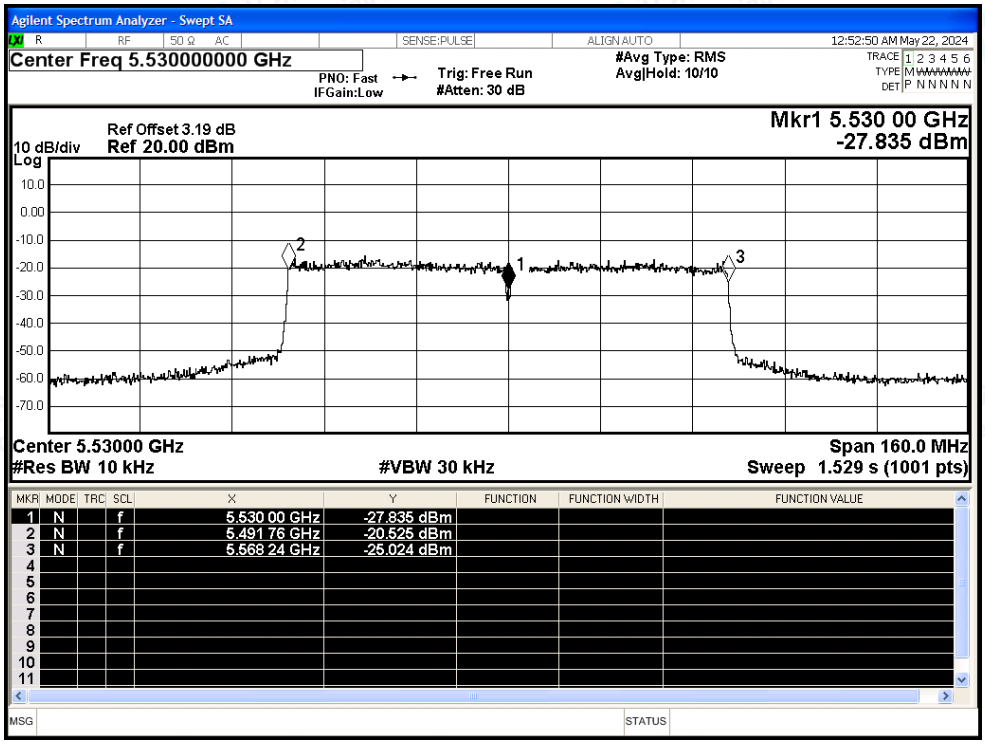
Freq. Stability NVNT ac40 5550MHz Ant1



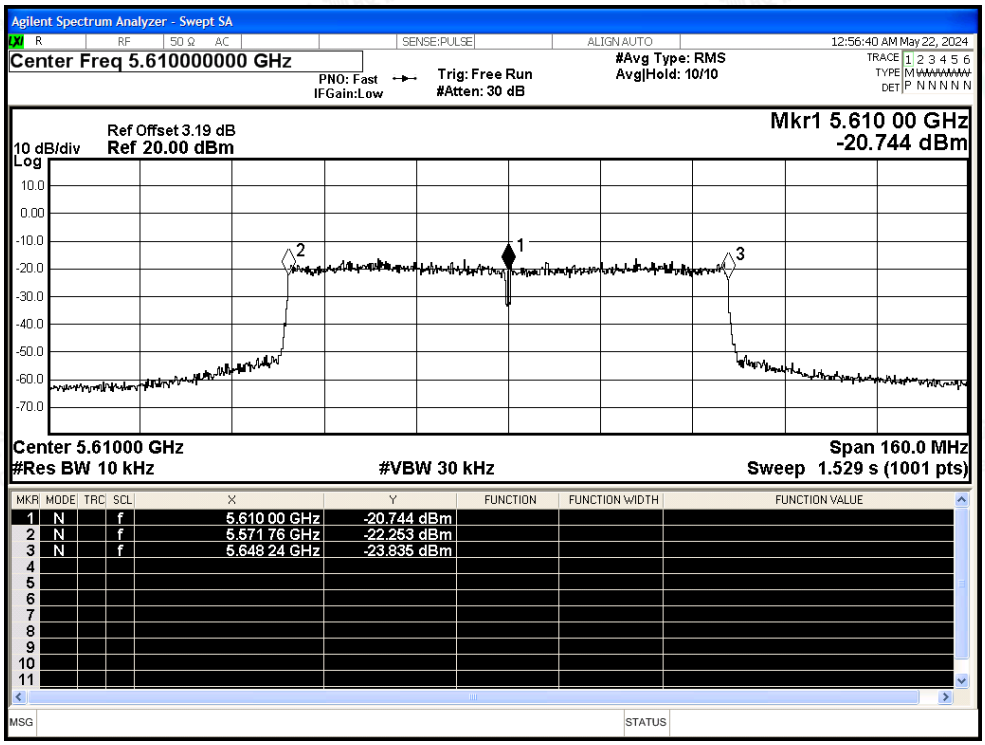
Freq. Stability NVNT ac40 5670MHz Ant1



Freq. Stability NVNT ac80 5530MHz Ant1



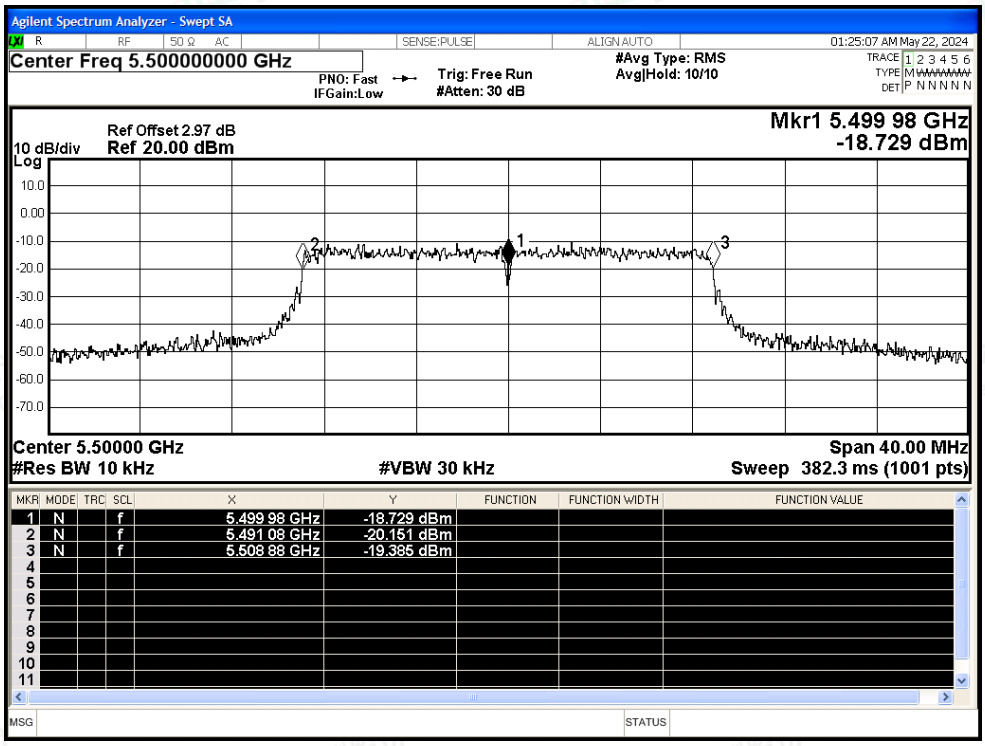
Freq. Stability NVNT ac80 5610MHz Ant1



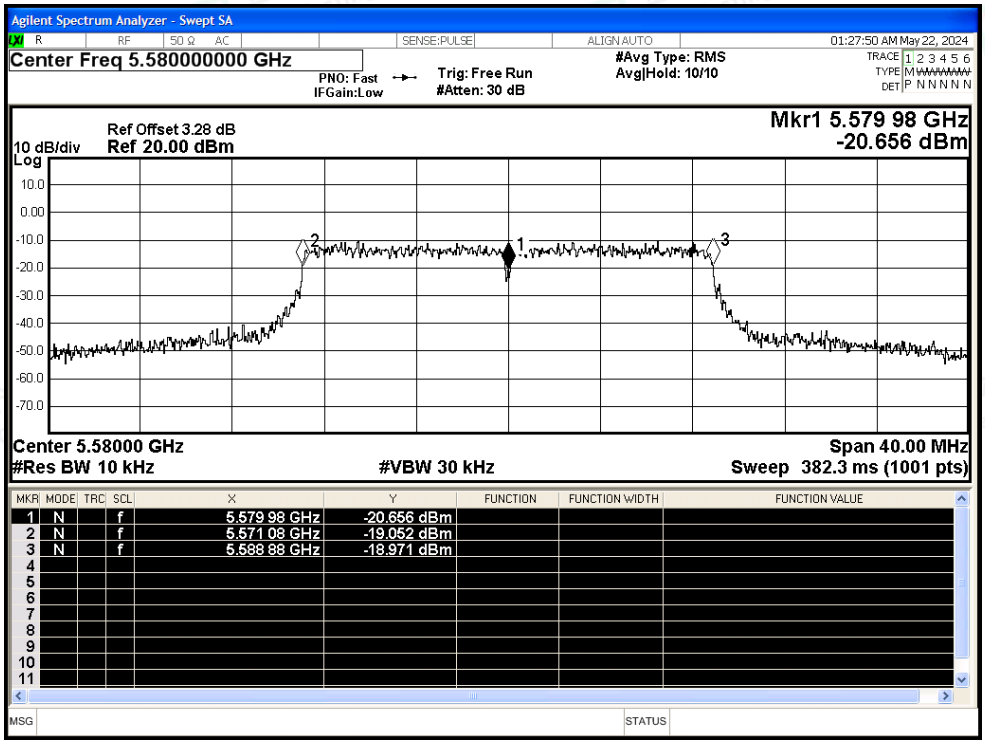
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ac20	5500	Ant2	5499.98	-20000	-3.64	25	Pass
NVNT	ac20	5580	Ant2	5579.98	-20000	-3.58	25	Pass
NVNT	ac20	5700	Ant2	5700	0	0	25	Pass
NVNT	ac40	5510	Ant2	5510	0	0	25	Pass
NVNT	ac40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
NVNT	ac40	5670	Ant2	5670	0	0	25	Pass
NVNT	ac80	5530	Ant2	5530	0	0	25	Pass
NVNT	ac80	5610	Ant2	5610	0	0	25	Pass

Test Graphs

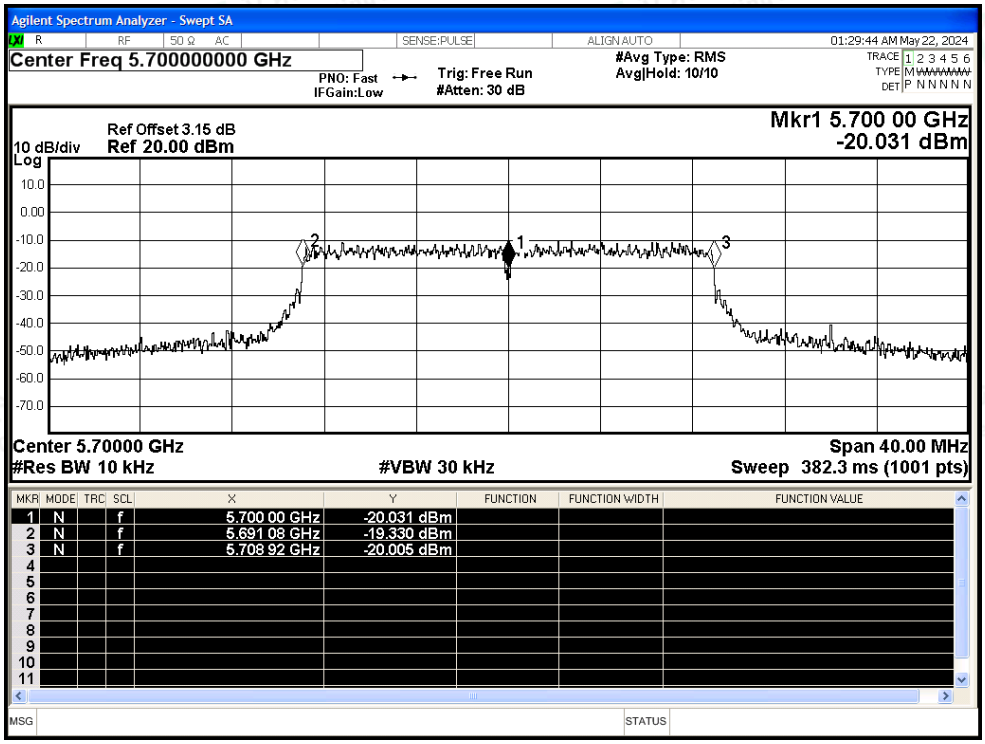
Freq. Stability NVNT ac20 5500MHz Ant2



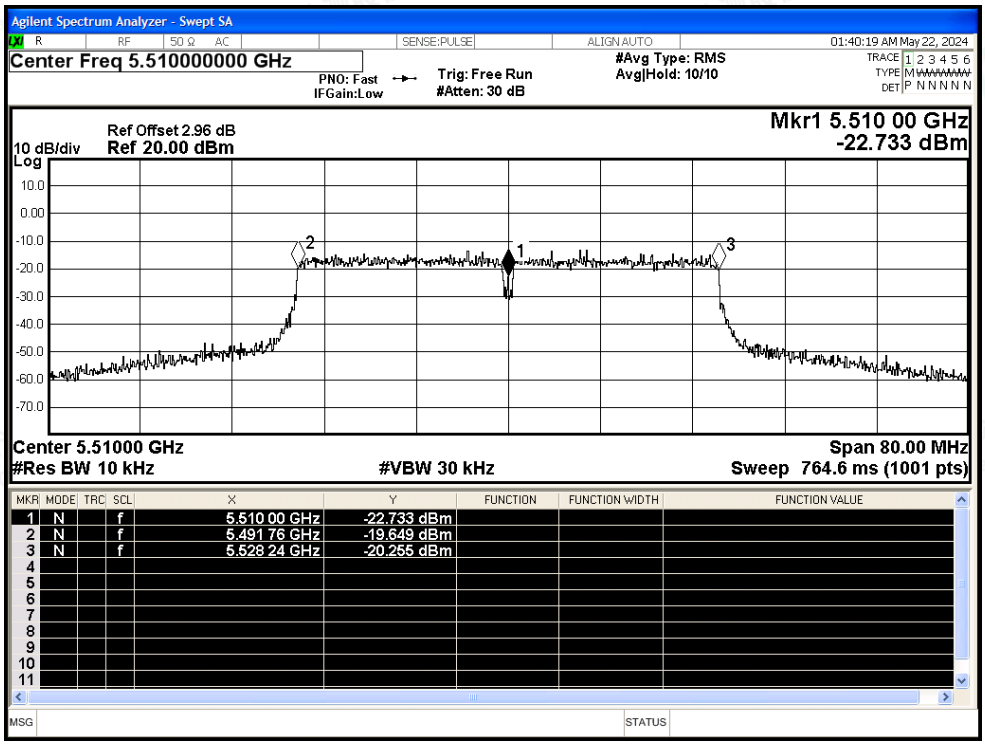
Freq. Stability NVNT ac20 5580MHz Ant2



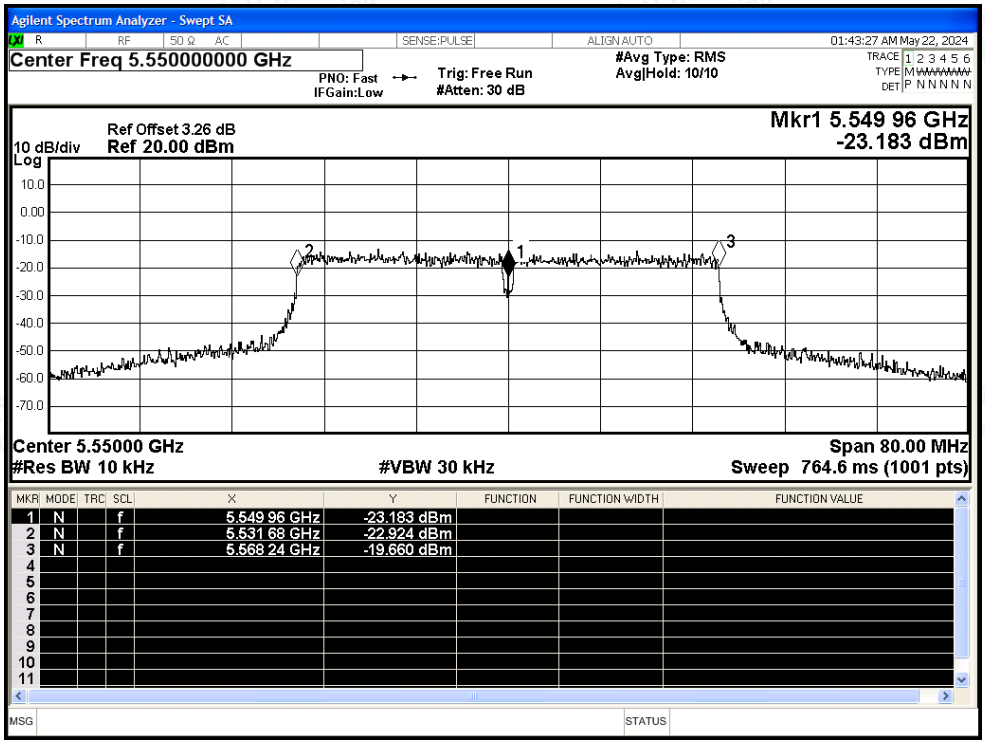
Freq. Stability NVNT ac20 5700MHz Ant2



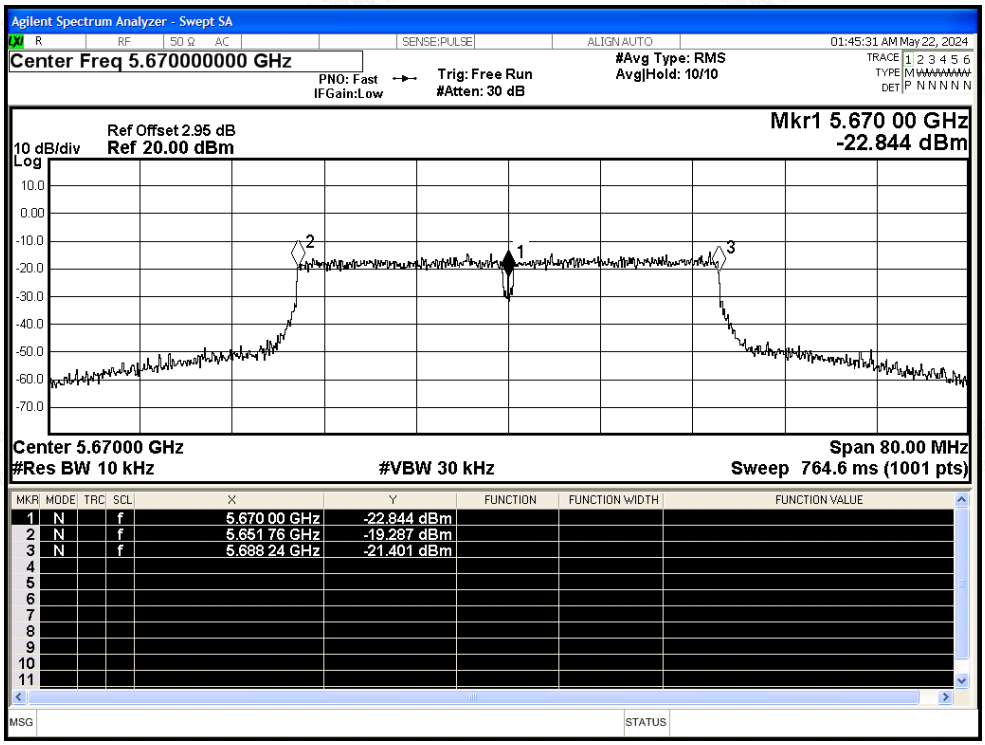
Freq. Stability NVNT ac40 5510MHz Ant2



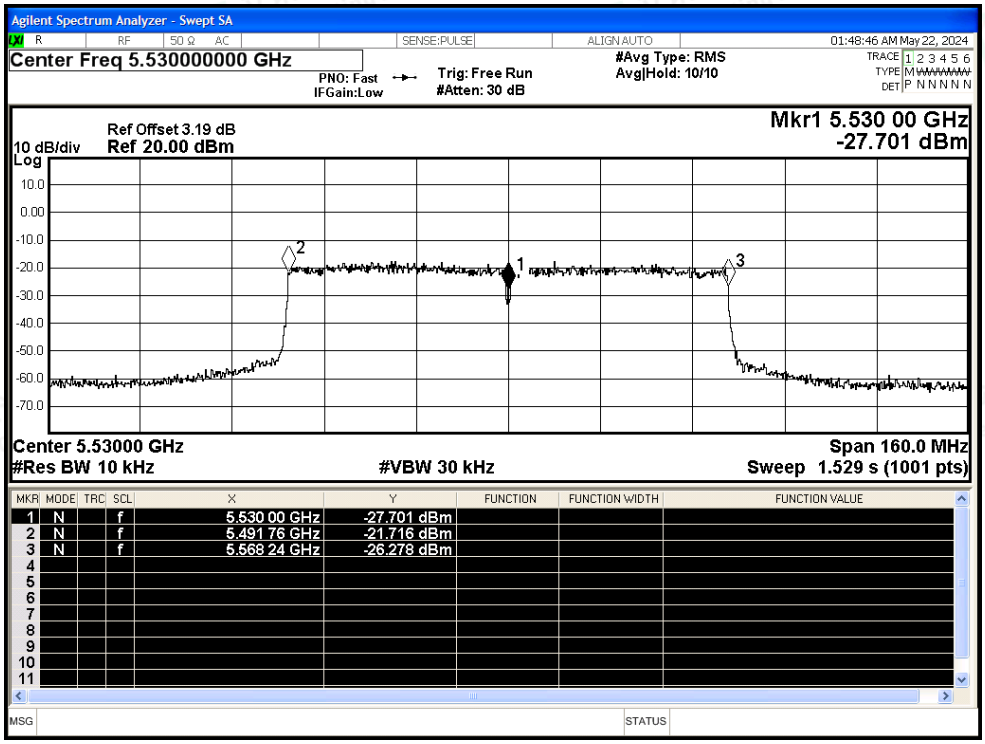
Freq. Stability NVNT ac40 5550MHz Ant2



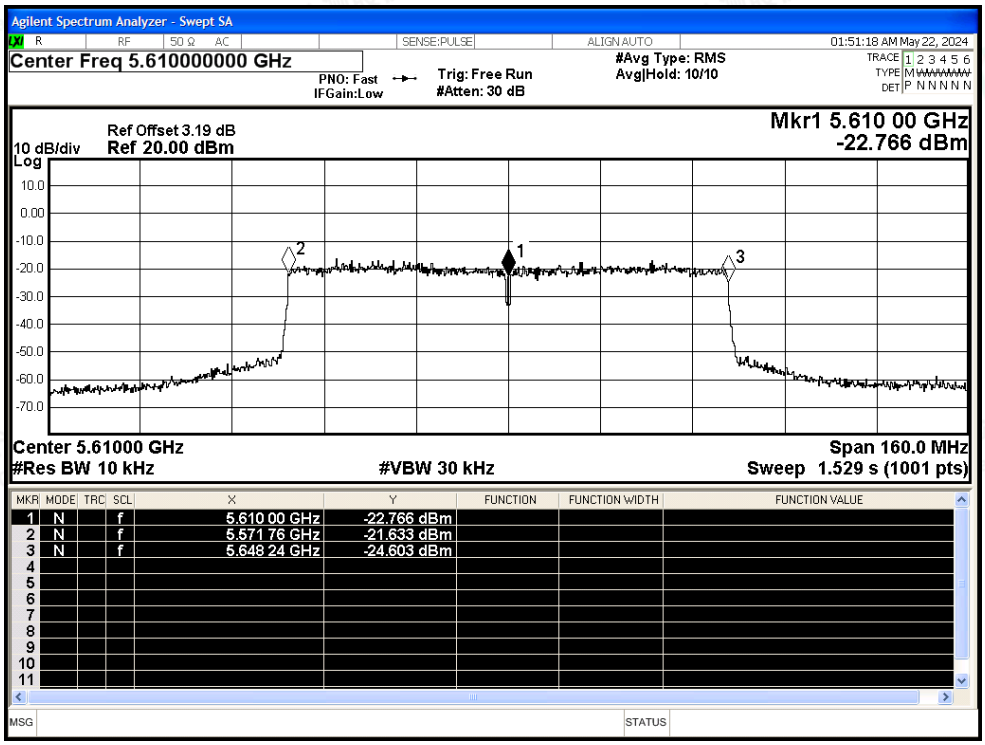
Freq. Stability NVNT ac40 5670MHz Ant2



Freq. Stability NVNT ac80 5530MHz Ant2



Freq. Stability NVNT ac80 5610MHz Ant2

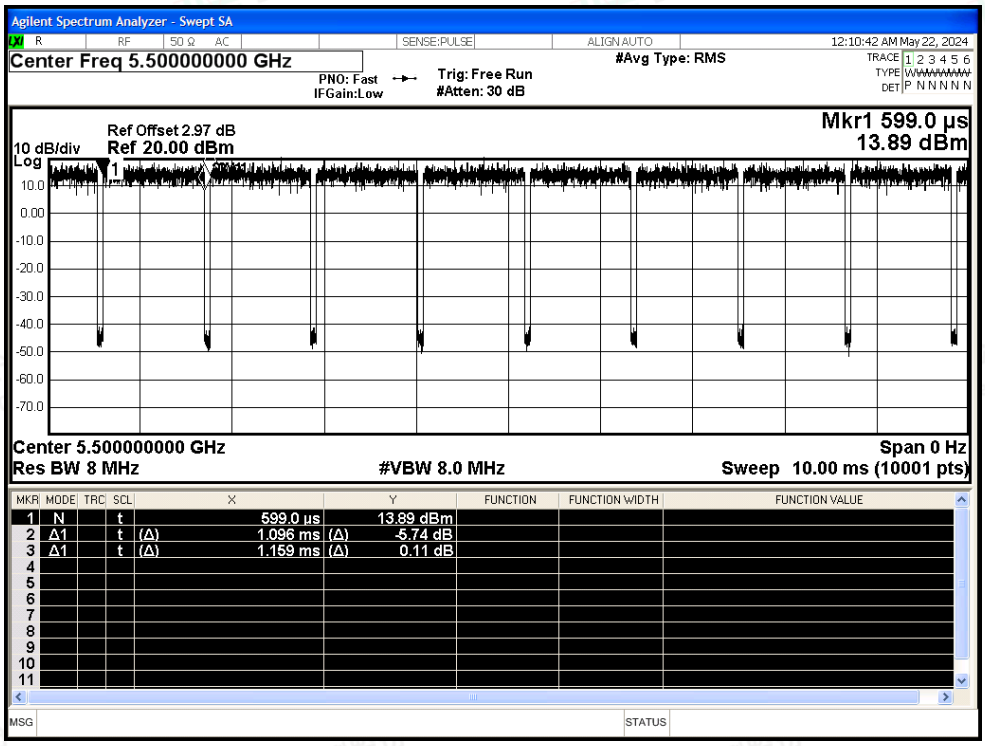


F.6 Duty Cycle

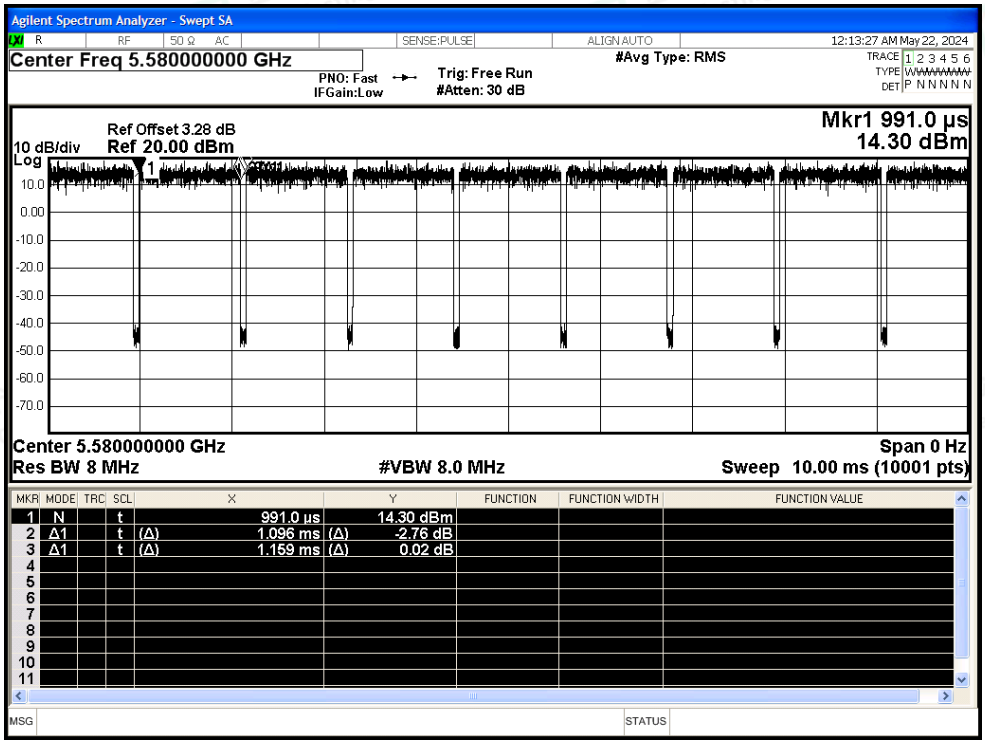
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	94.56	0.24	0.91
NVNT	a	5580	Ant1	94.56	0.24	0.91
NVNT	a	5700	Ant1	94.56	0.24	0.91
NVNT	n20	5500	Ant1	93.77	0.28	1.07
NVNT	n20	5580	Ant1	93.77	0.28	1.07
NVNT	n20	5700	Ant1	93.77	0.28	1.07
NVNT	n40	5510	Ant1	92.71	0.33	1.27
NVNT	n40	5550	Ant1	92.71	0.33	1.27
NVNT	n40	5670	Ant1	92.71	0.33	1.27
NVNT	ac20	5500	Ant1	93.72	0.28	1.06
NVNT	ac20	5580	Ant1	93.72	0.28	1.06
NVNT	ac20	5700	Ant1	93.82	0.28	1.06
NVNT	ac40	5510	Ant1	92.63	0.33	1.26
NVNT	ac40	5550	Ant1	92.75	0.33	1.26
NVNT	ac40	5670	Ant1	92.75	0.33	1.26
NVNT	ac80	5530	Ant1	88.71	0.52	2.05
NVNT	ac80	5610	Ant1	88.52	0.53	2.06

Test Graphs

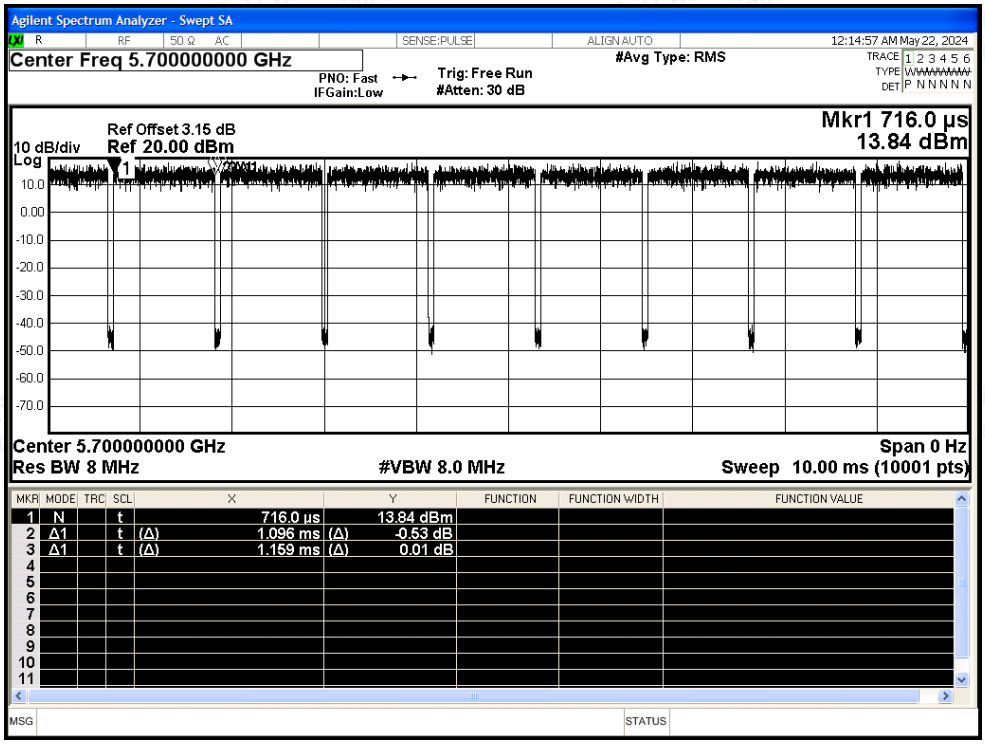
Duty Cycle NVNT a 5500MHz Ant1



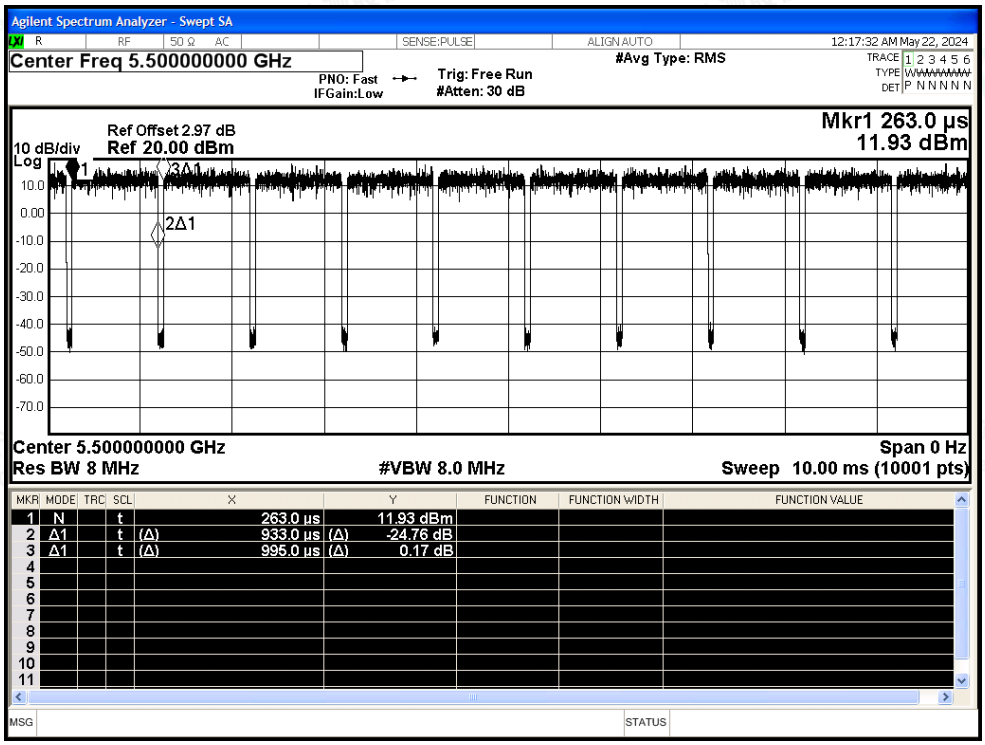
Duty Cycle NVNT a 5580MHz Ant1



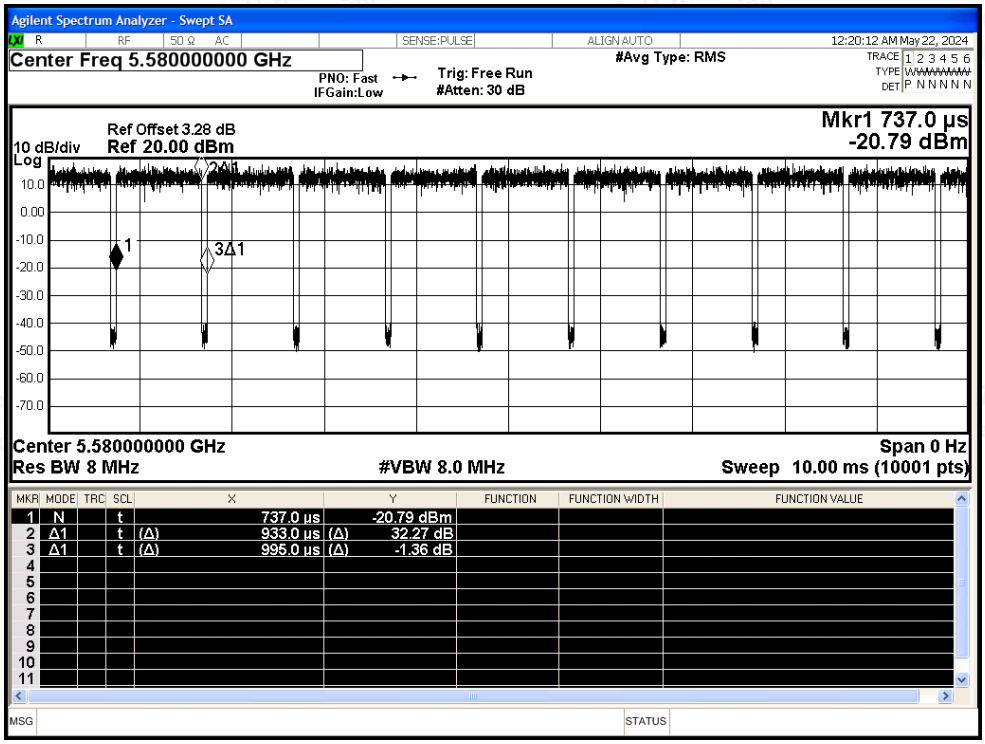
Duty Cycle NVNT a 5700MHz Ant1



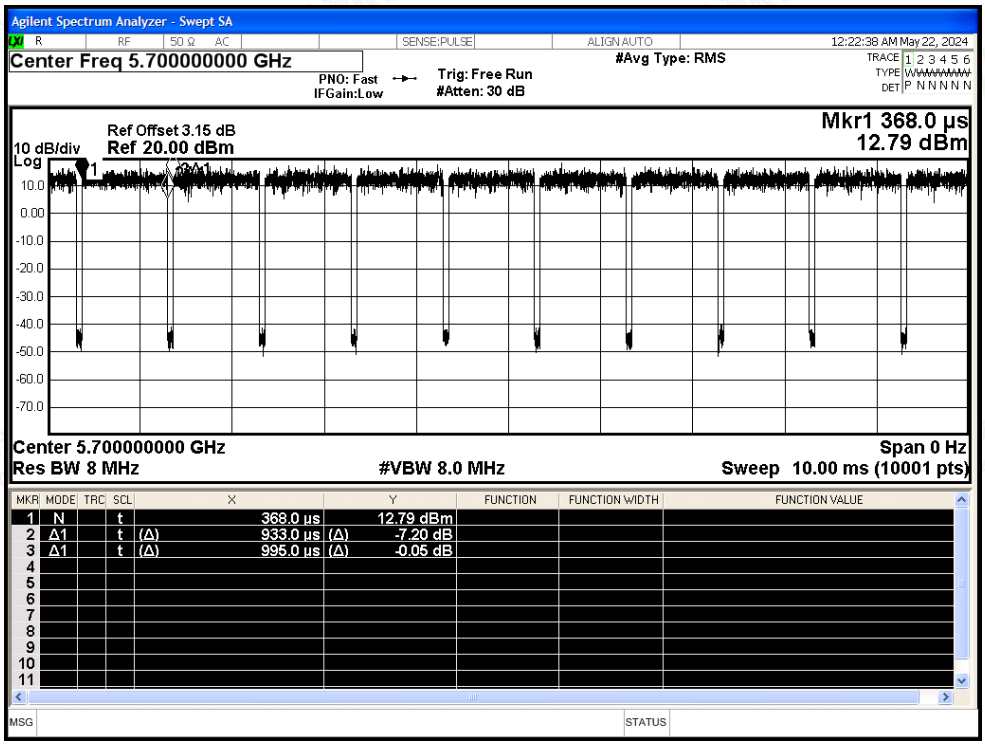
Duty Cycle NVNT n20 5500MHz Ant1



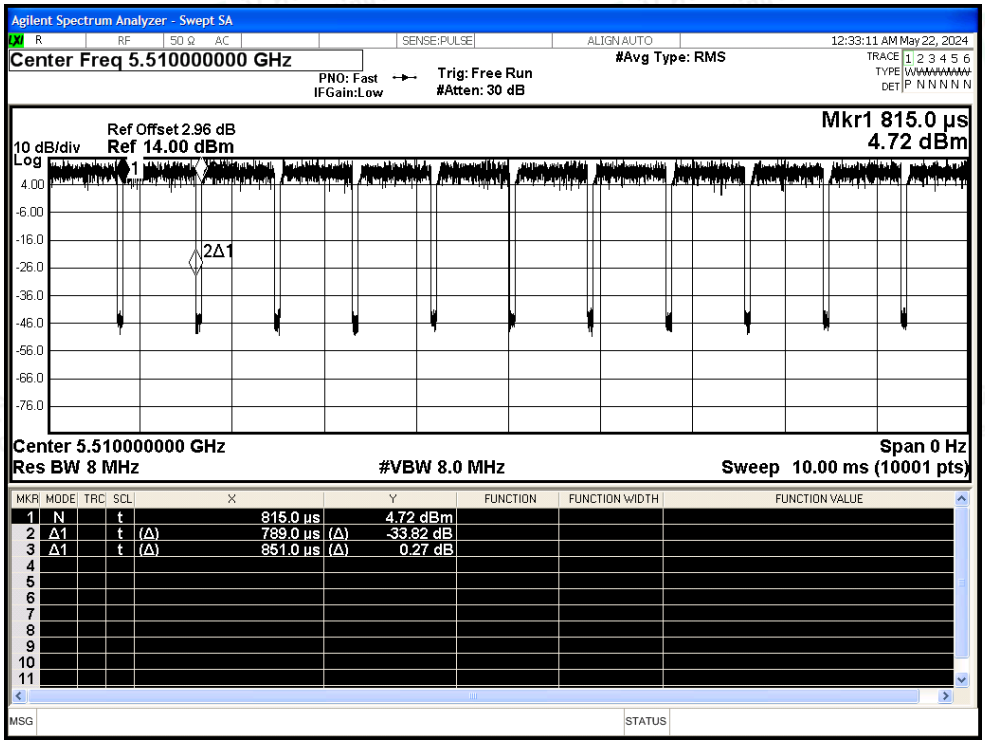
Duty Cycle NVNT n20 5580MHz Ant1



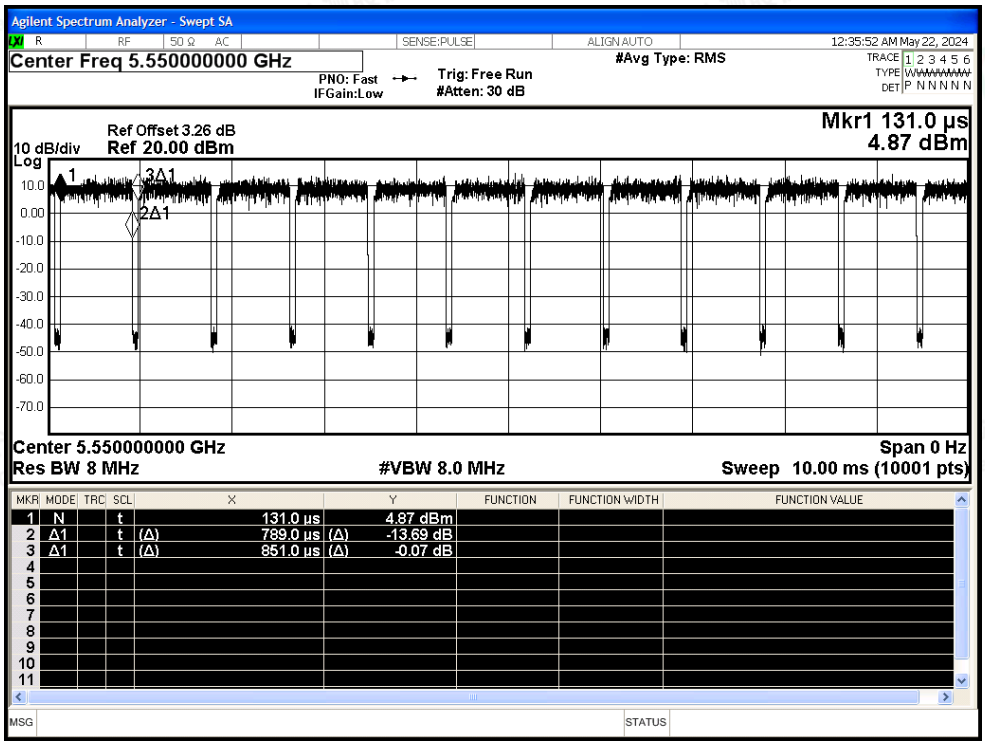
Duty Cycle NVNT n20 5700MHz Ant1



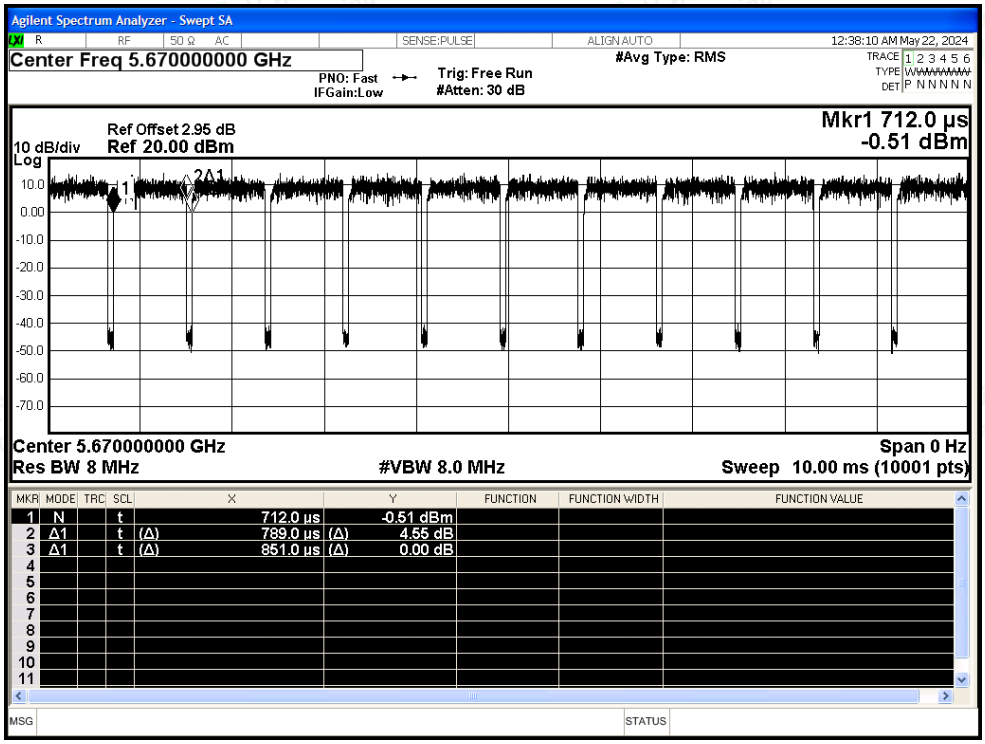
Duty Cycle NVNT n40 5510MHz Ant1



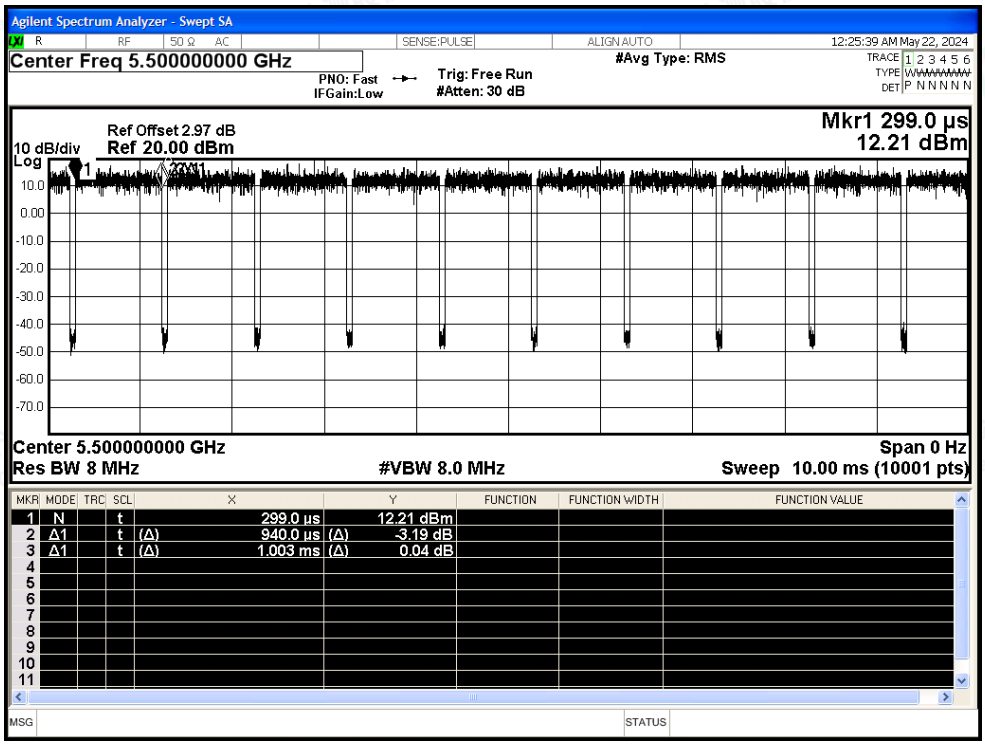
Duty Cycle NVNT n40 5550MHz Ant1



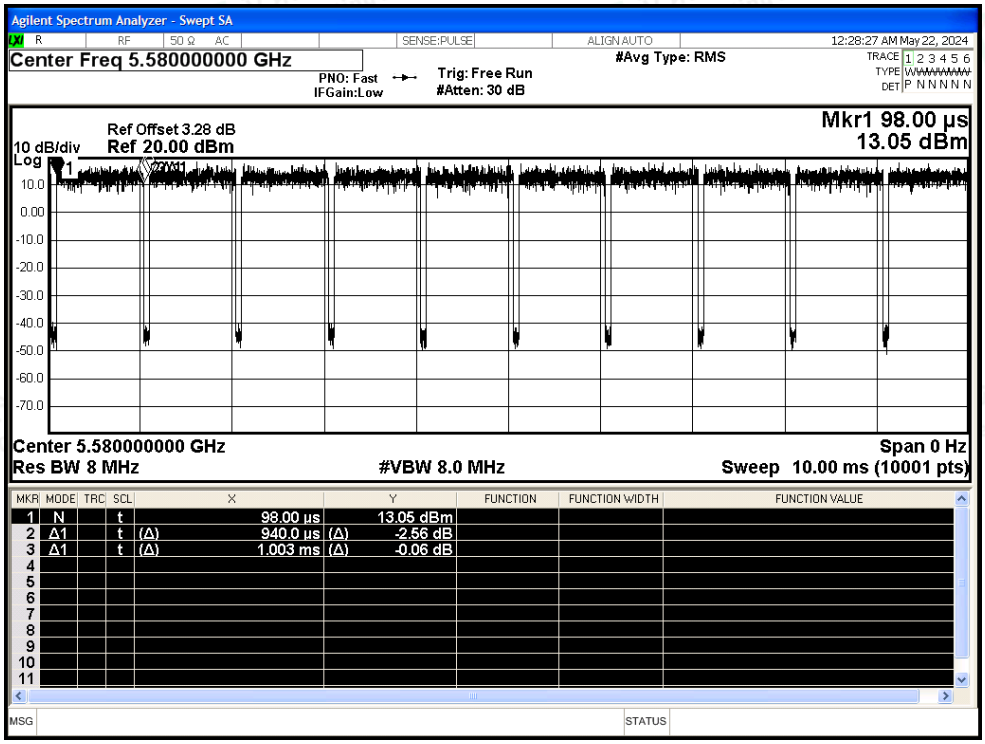
Duty Cycle NVNT n40 5670MHz Ant1



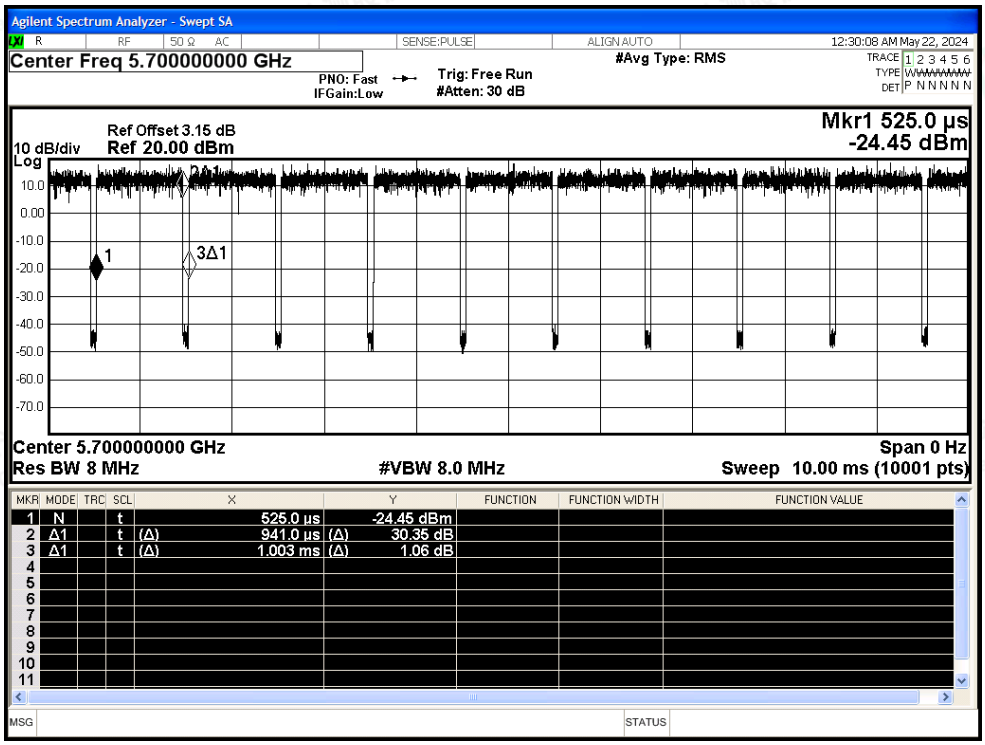
Duty Cycle NVNT ac20 5500MHz Ant1



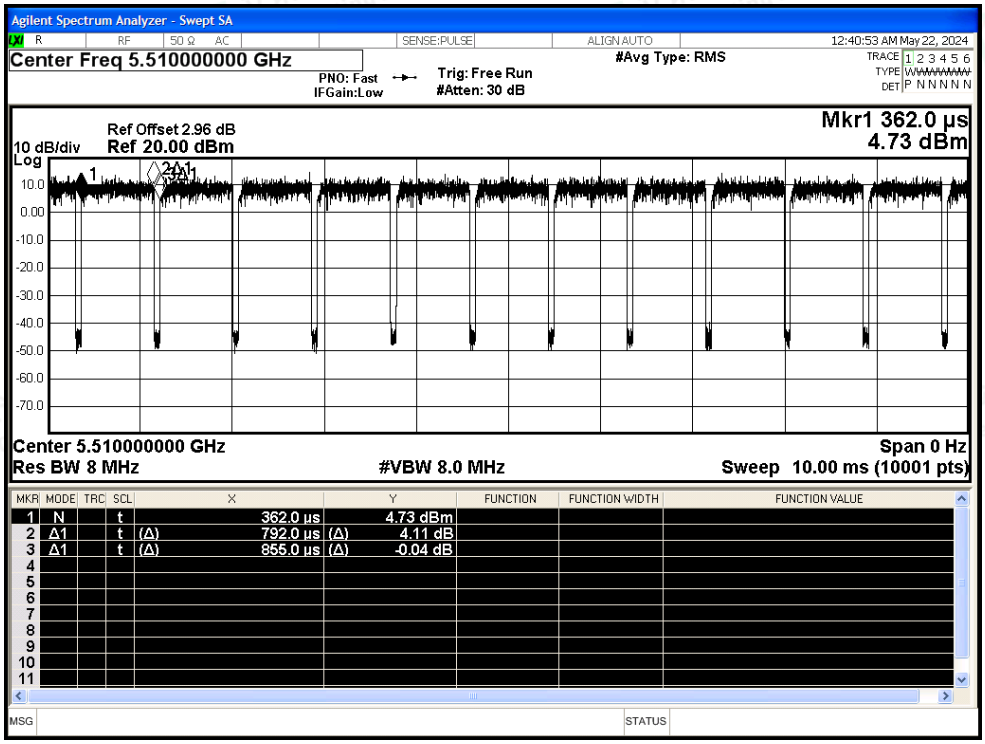
Duty Cycle NVNT ac20 5580MHz Ant1



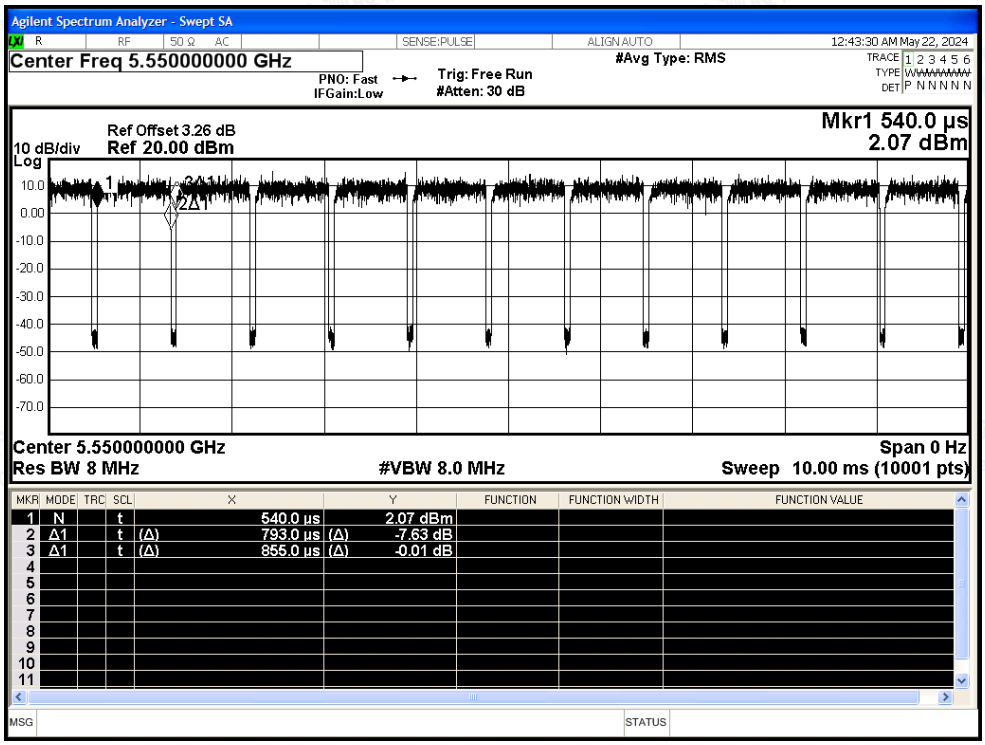
Duty Cycle NVNT ac20 5700MHz Ant1



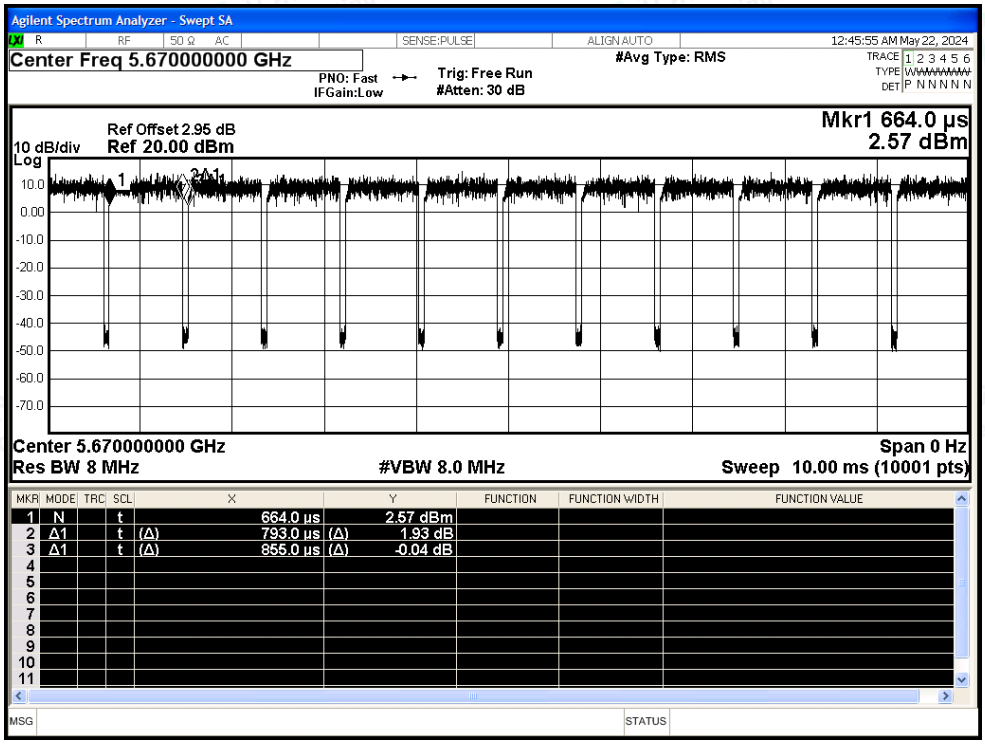
Duty Cycle NVNT ac40 5510MHz Ant1



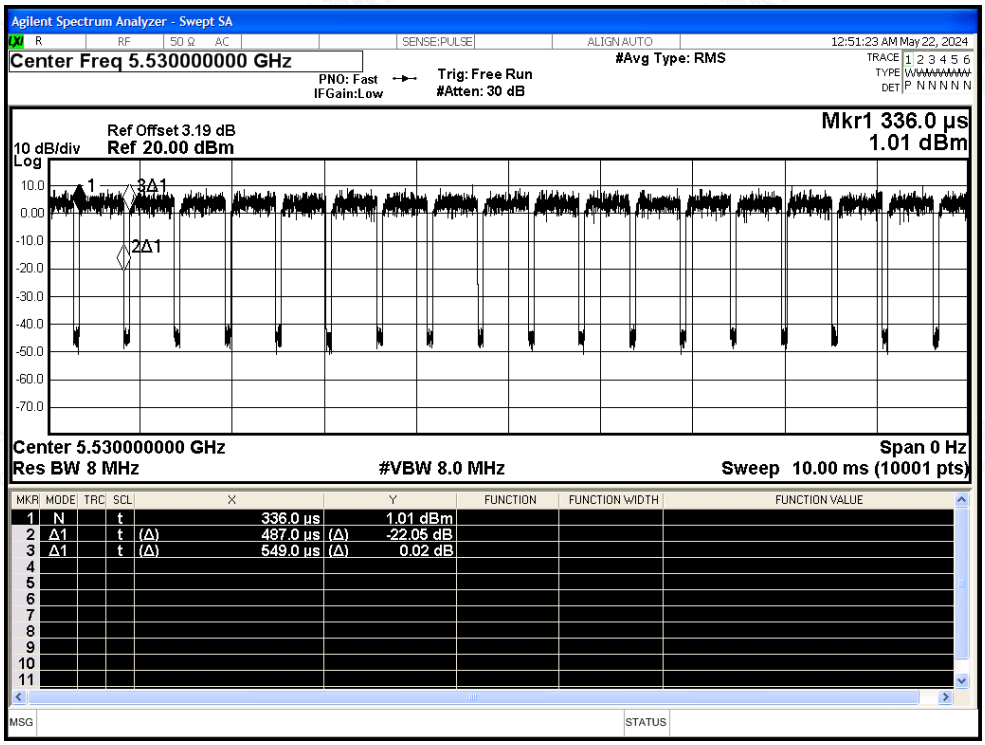
Duty Cycle NVNT ac40 5550MHz Ant1



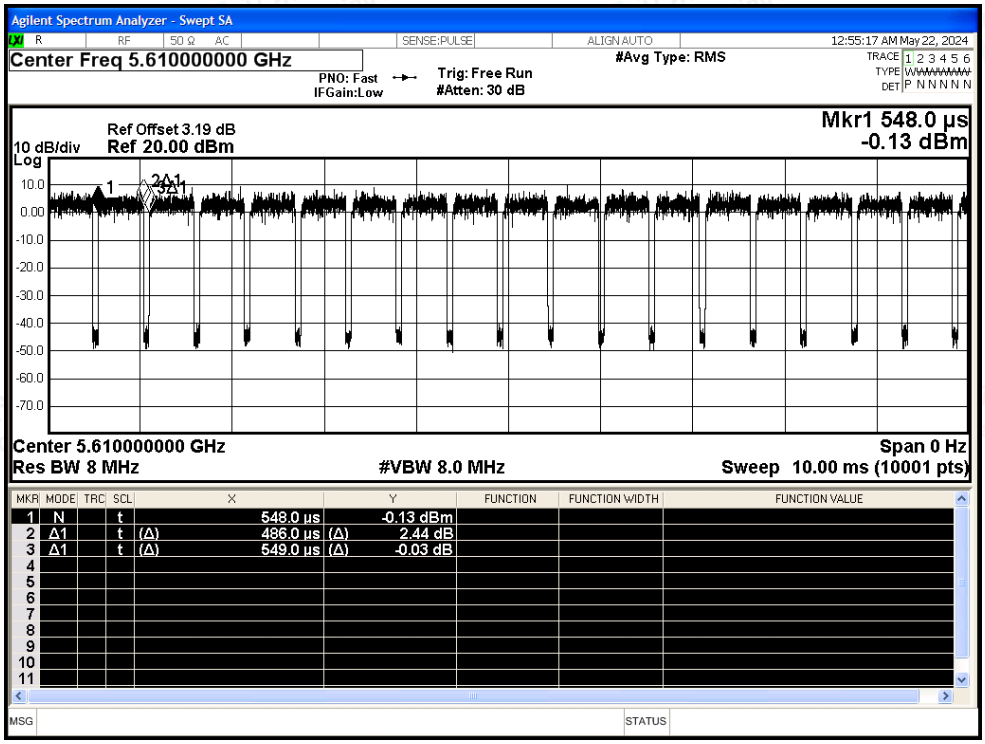
Duty Cycle NVNT ac40 5670MHz Ant1



Duty Cycle NVNT ac80 5530MHz Ant1



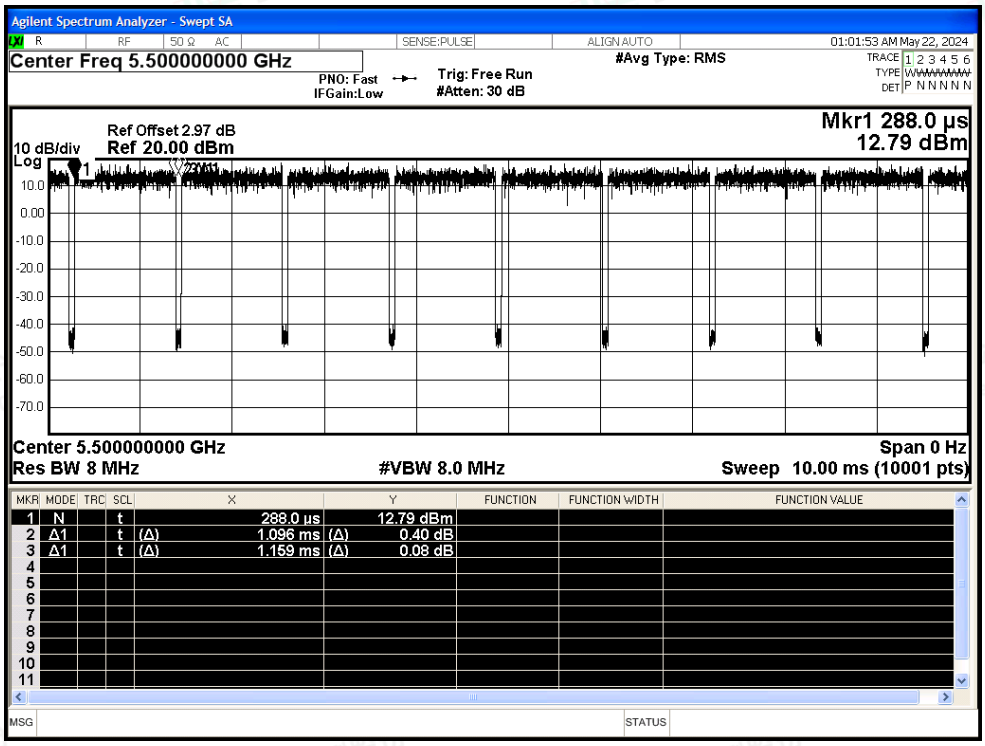
Duty Cycle NVNT ac80 5610MHz Ant1



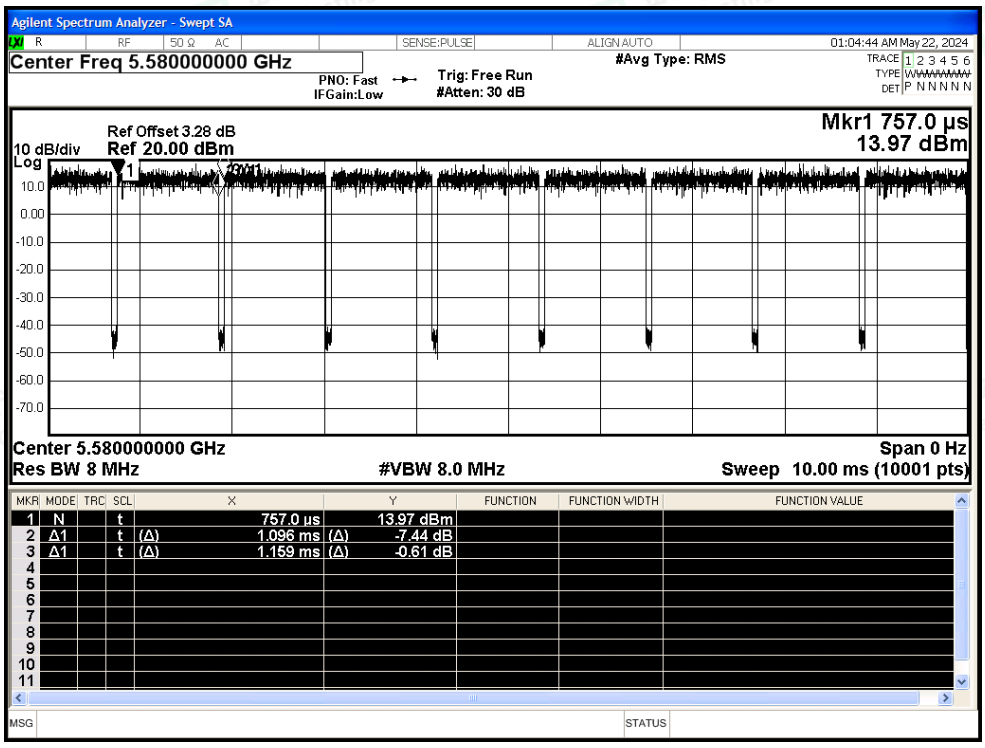
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant2	94.56	0.24	0.91
NVNT	a	5580	Ant2	94.56	0.24	0.91
NVNT	a	5700	Ant2	94.65	0.24	0.91
NVNT	n20	5500	Ant2	93.77	0.28	1.07
NVNT	n20	5580	Ant2	93.67	0.28	1.07
NVNT	n20	5700	Ant2	93.67	0.28	1.07
NVNT	n40	5510	Ant2	92.71	0.33	1.27
NVNT	n40	5550	Ant2	92.71	0.33	1.27
NVNT	n40	5670	Ant2	92.71	0.33	1.27
NVNT	ac20	5500	Ant2	93.82	0.28	1.06
NVNT	ac20	5580	Ant2	93.72	0.28	1.06
NVNT	ac20	5700	Ant2	93.72	0.28	1.06
NVNT	ac40	5510	Ant2	92.63	0.33	1.26
NVNT	ac40	5550	Ant2	92.63	0.33	1.26
NVNT	ac40	5670	Ant2	92.75	0.33	1.26
NVNT	ac80	5530	Ant2	88.71	0.52	2.05
NVNT	ac80	5610	Ant2	88.71	0.52	2.05

Test Graphs

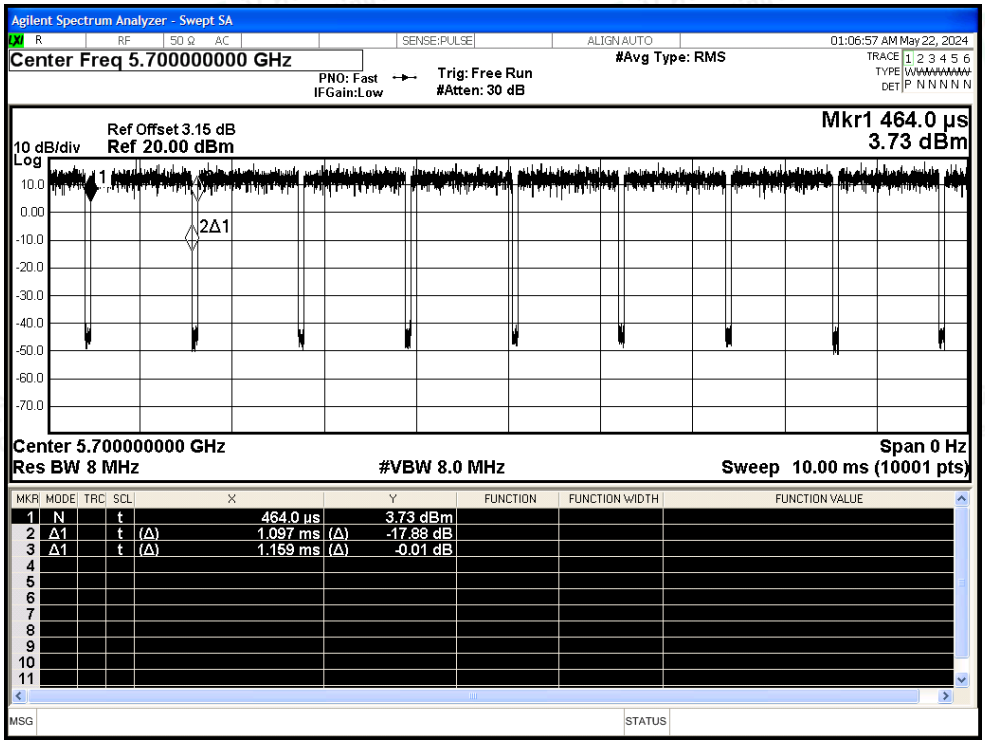
Duty Cycle NVNT a 5500MHz Ant2



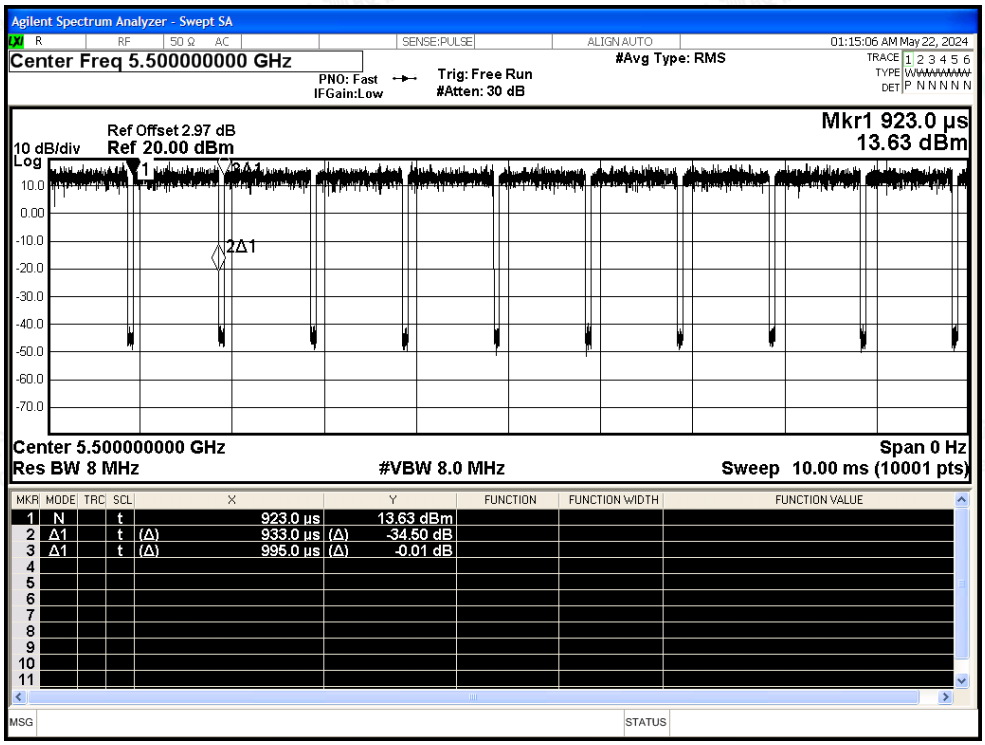
Duty Cycle NVNT a 5580MHz Ant2



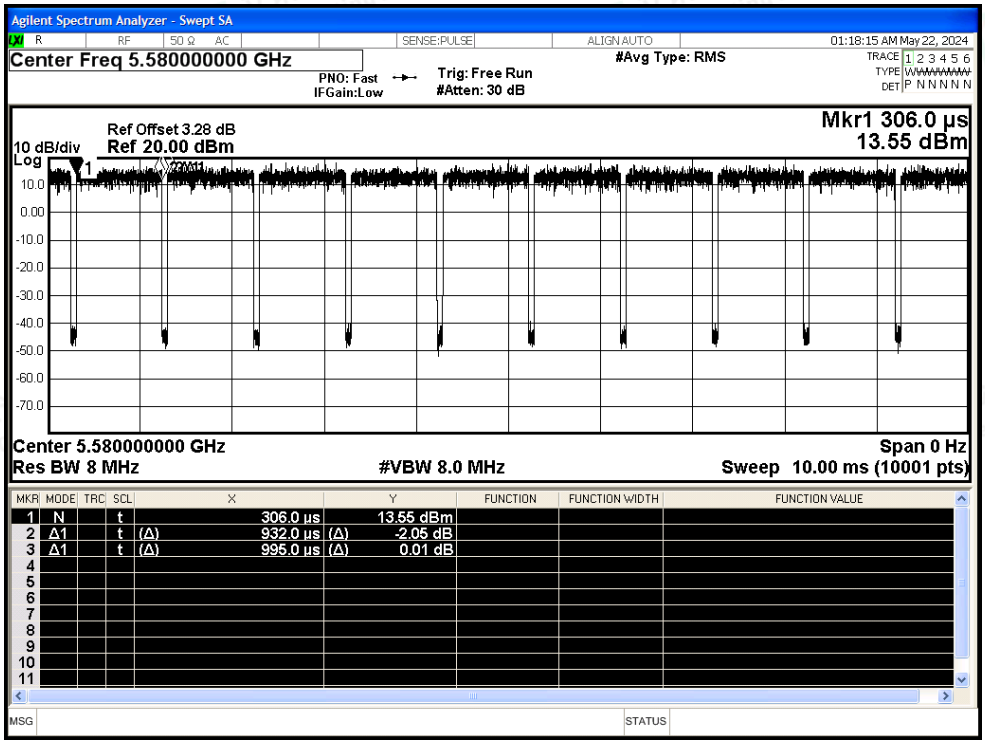
Duty Cycle NVNT a 5700MHz Ant2



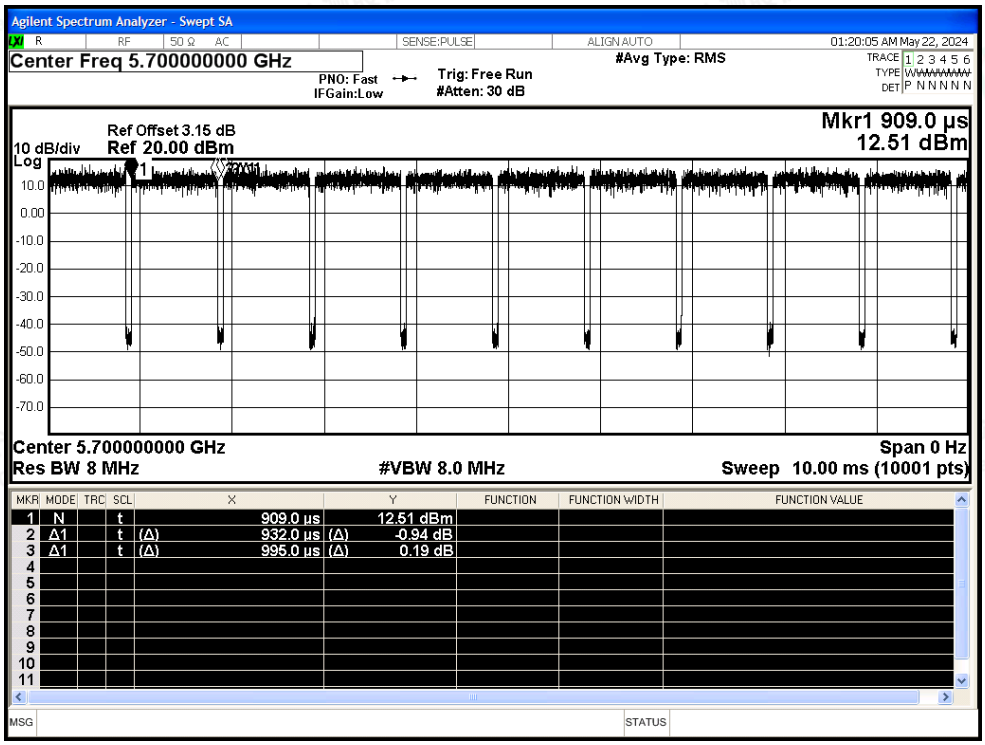
Duty Cycle NVNT n20 5500MHz Ant2



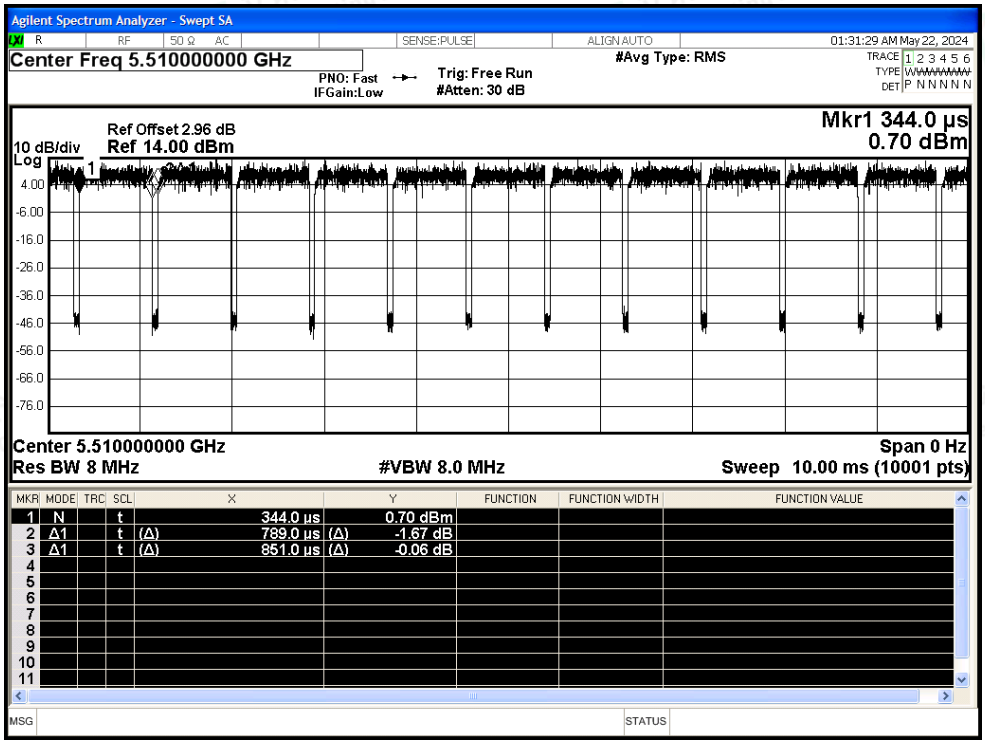
Duty Cycle NVNT n20 5580MHz Ant2



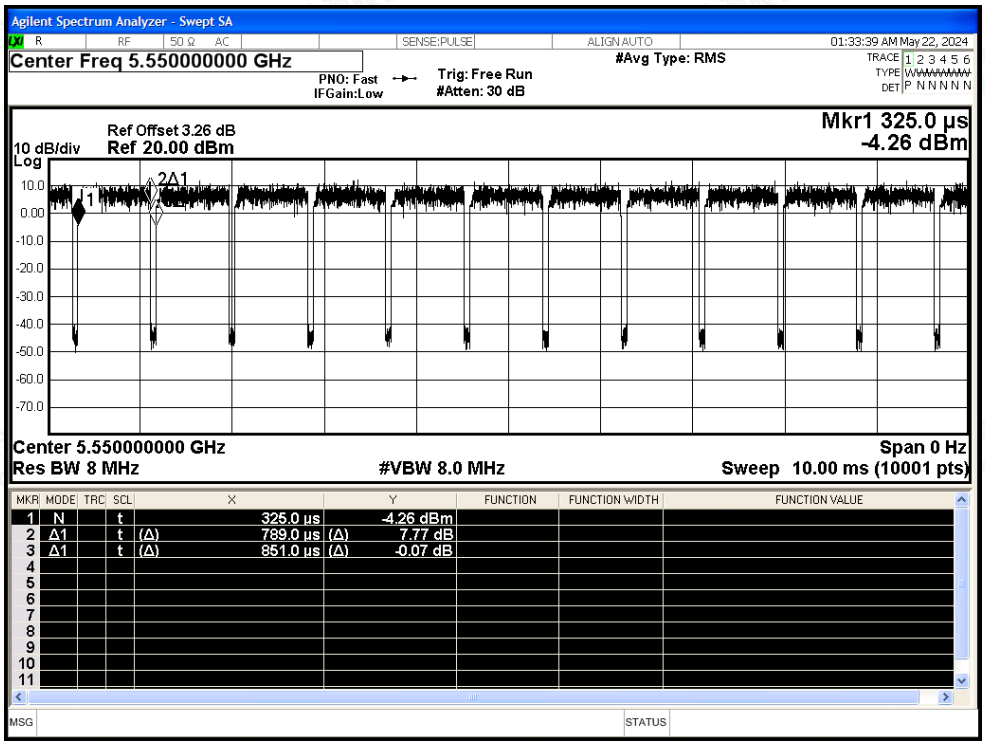
Duty Cycle NVNT n20 5700MHz Ant2



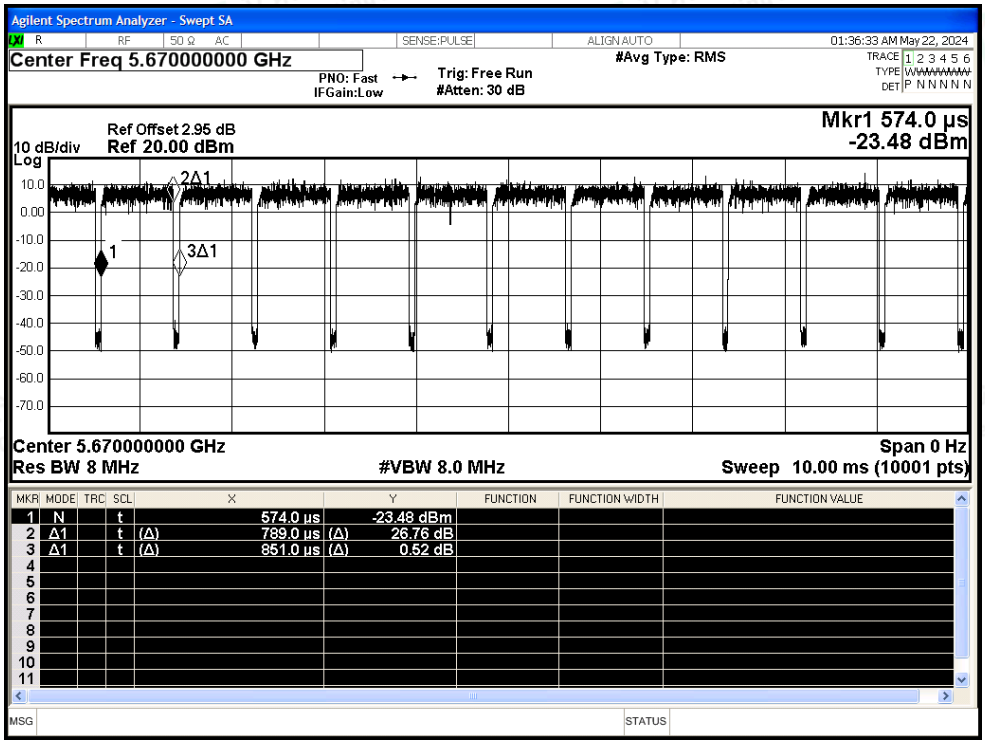
Duty Cycle NVNT n40 5510MHz Ant2



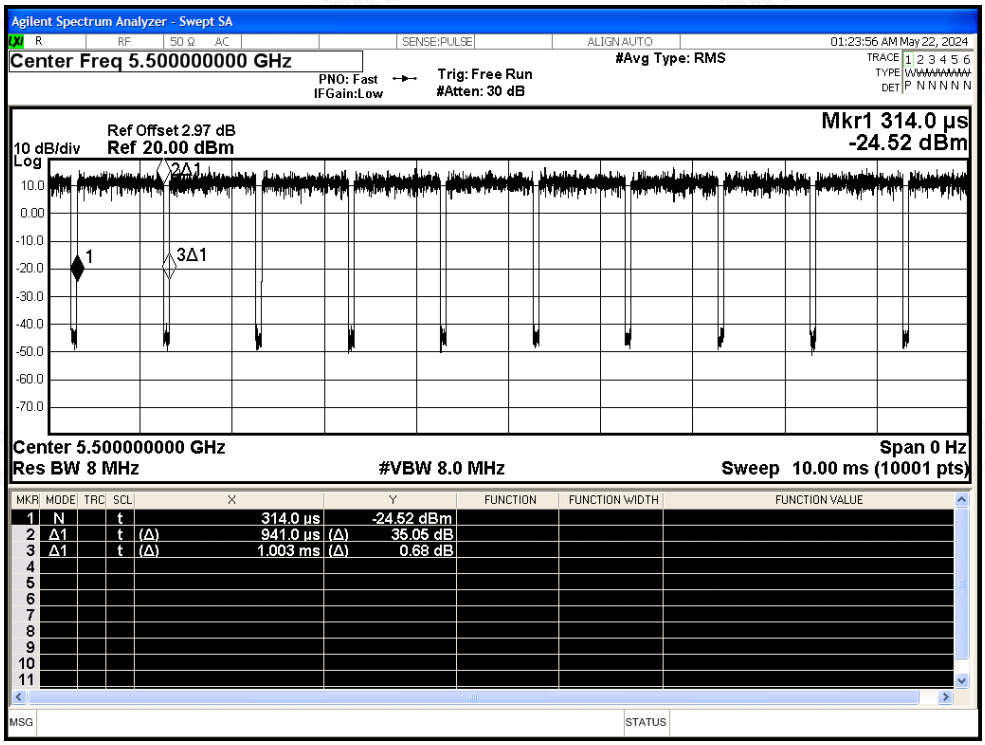
Duty Cycle NVNT n40 5550MHz Ant2



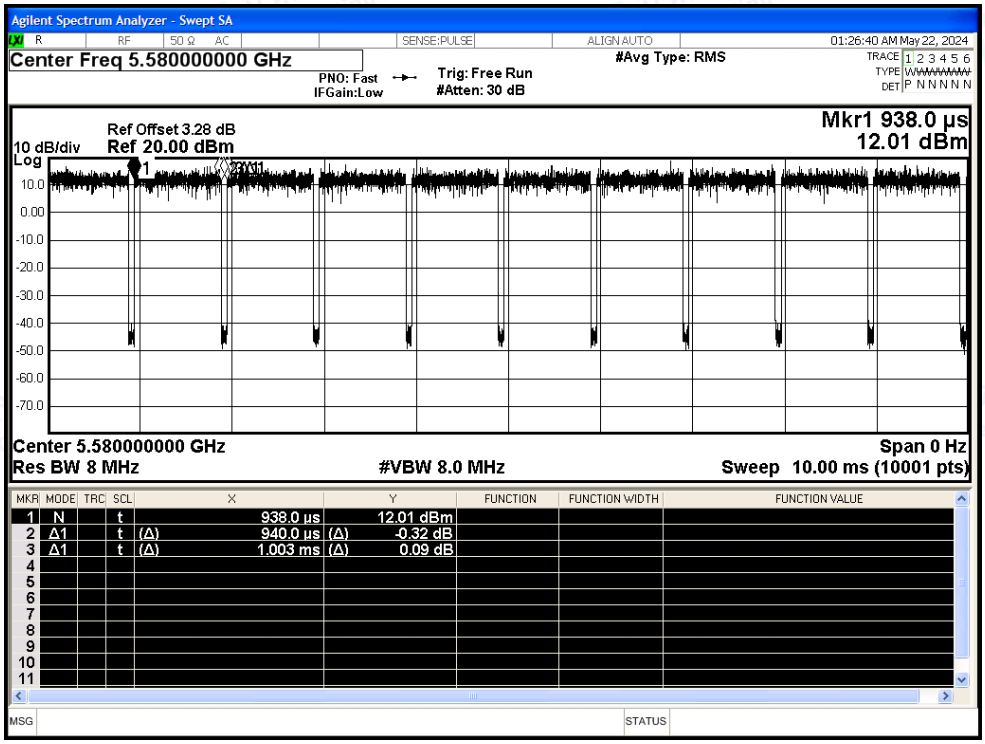
Duty Cycle NVNT n40 5670MHz Ant2



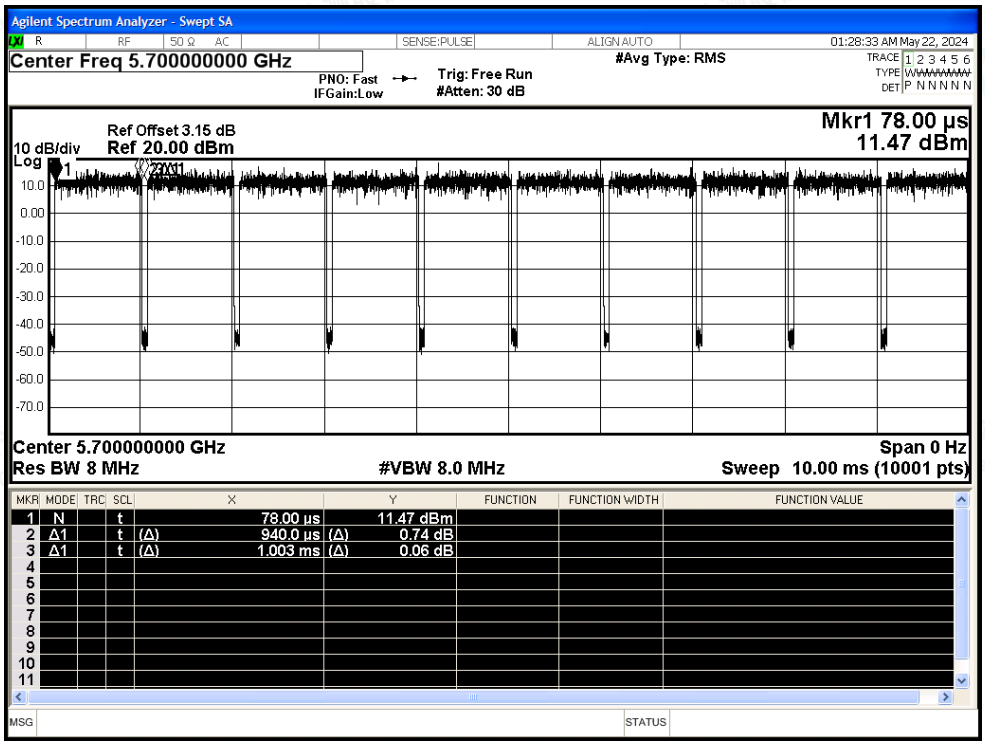
Duty Cycle NVNT ac20 5500MHz Ant2



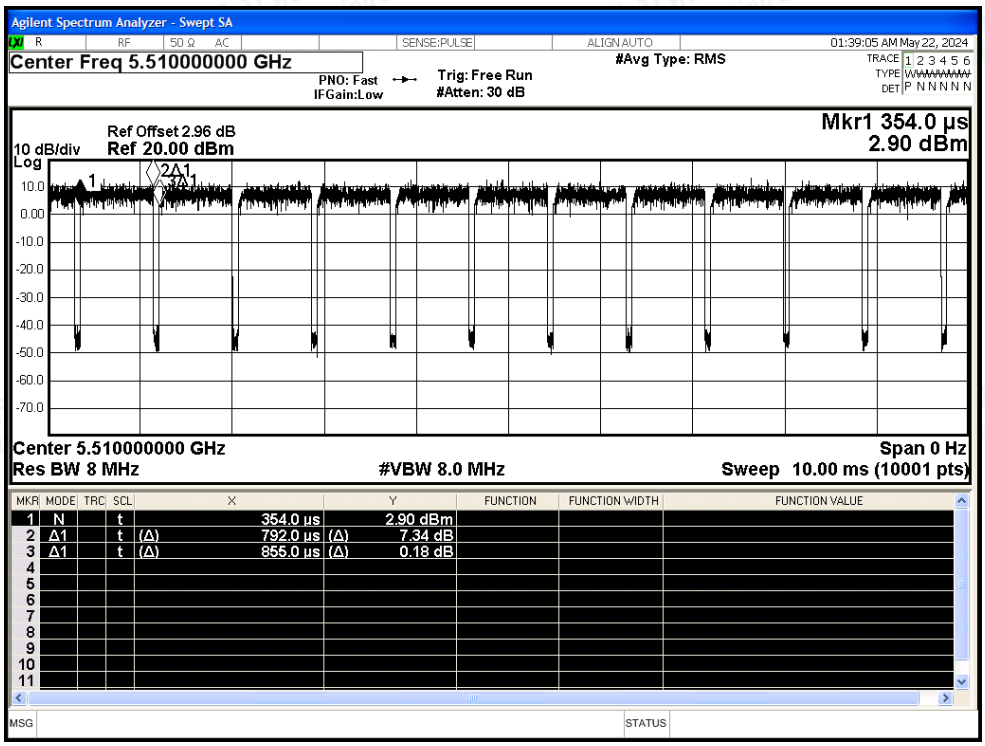
Duty Cycle NVNT ac20 5580MHz Ant2



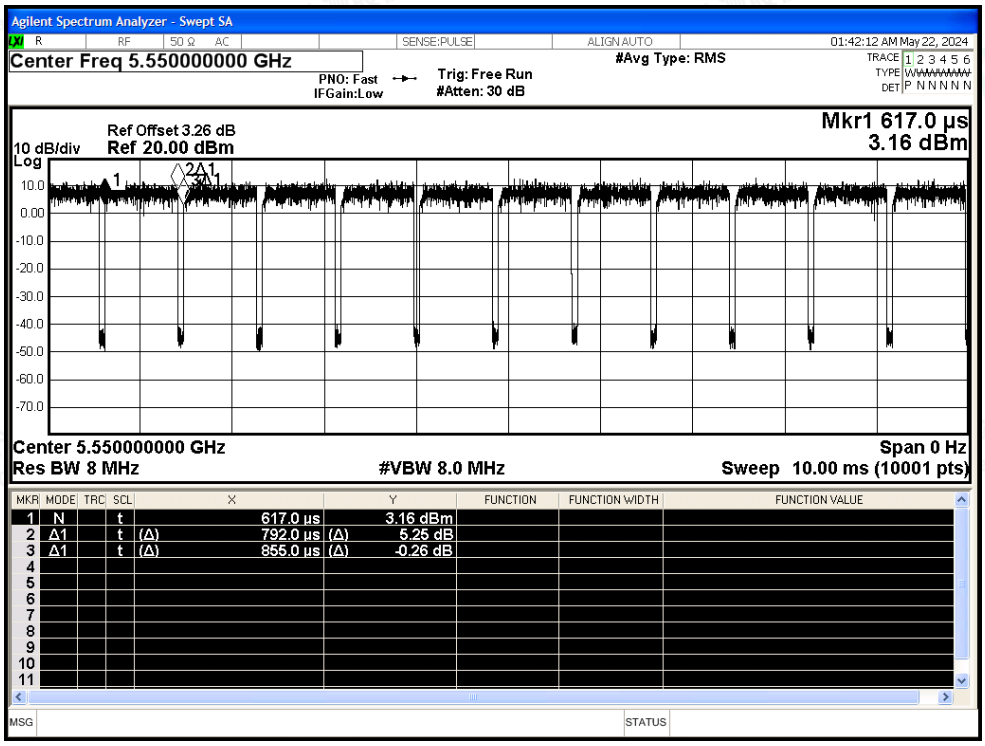
Duty Cycle NVNT ac20 5700MHz Ant2



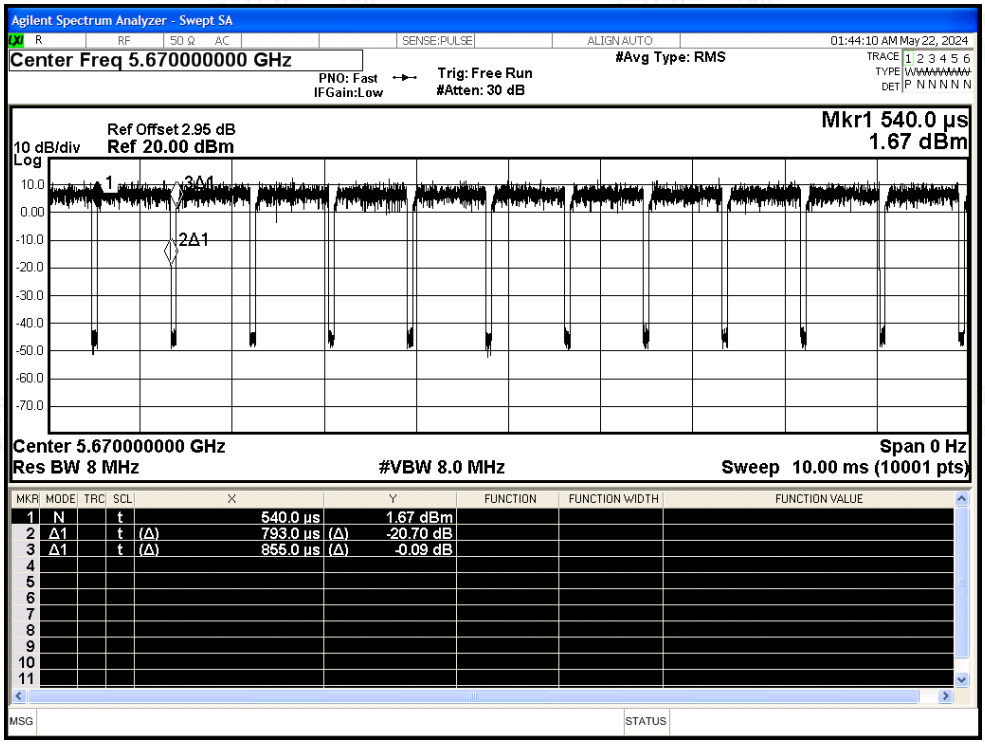
Duty Cycle NVNT ac40 5510MHz Ant2



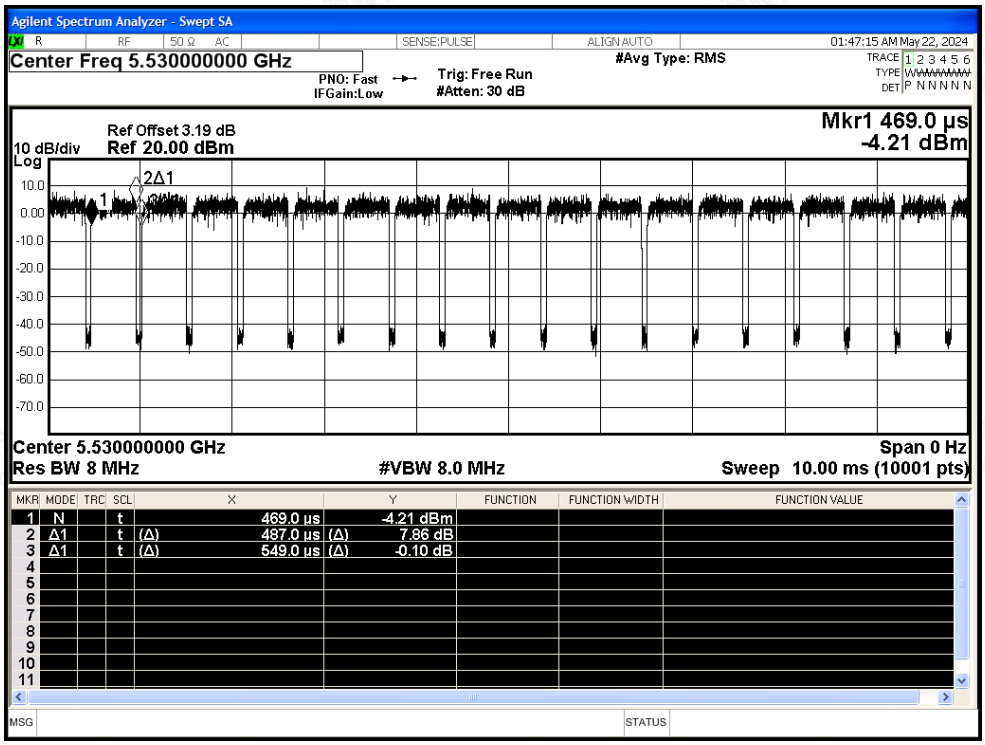
Duty Cycle NVNT ac40 5550MHz Ant2



Duty Cycle NVNT ac40 5670MHz Ant2



Duty Cycle NVNT ac80 5530MHz Ant2



Duty Cycle NVNT ac80 5610MHz Ant2