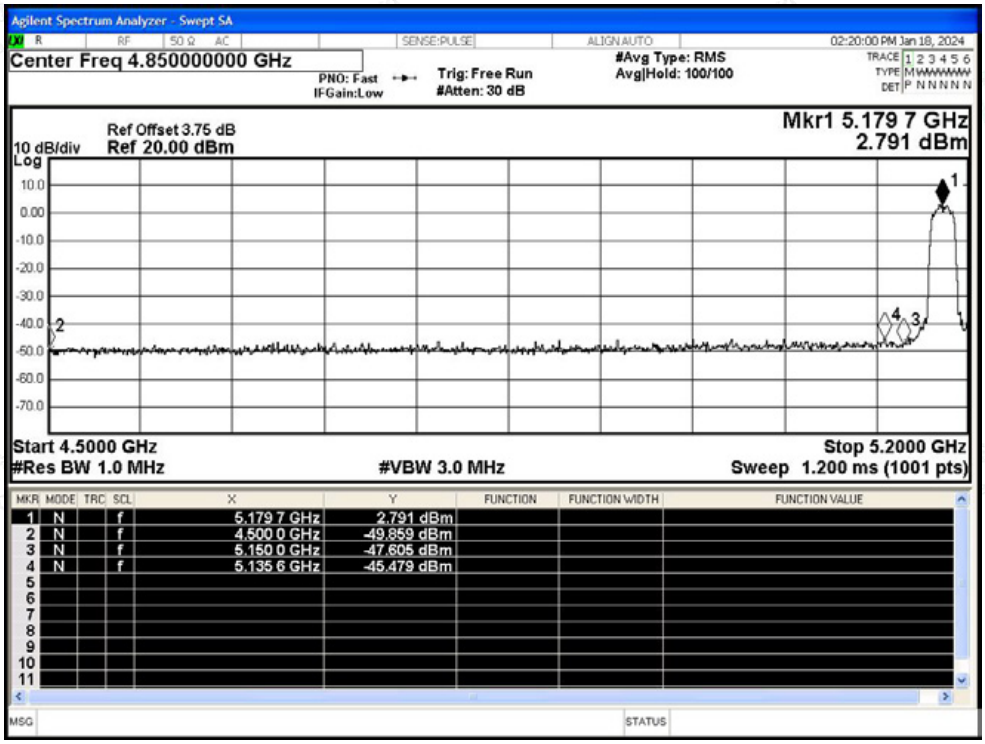
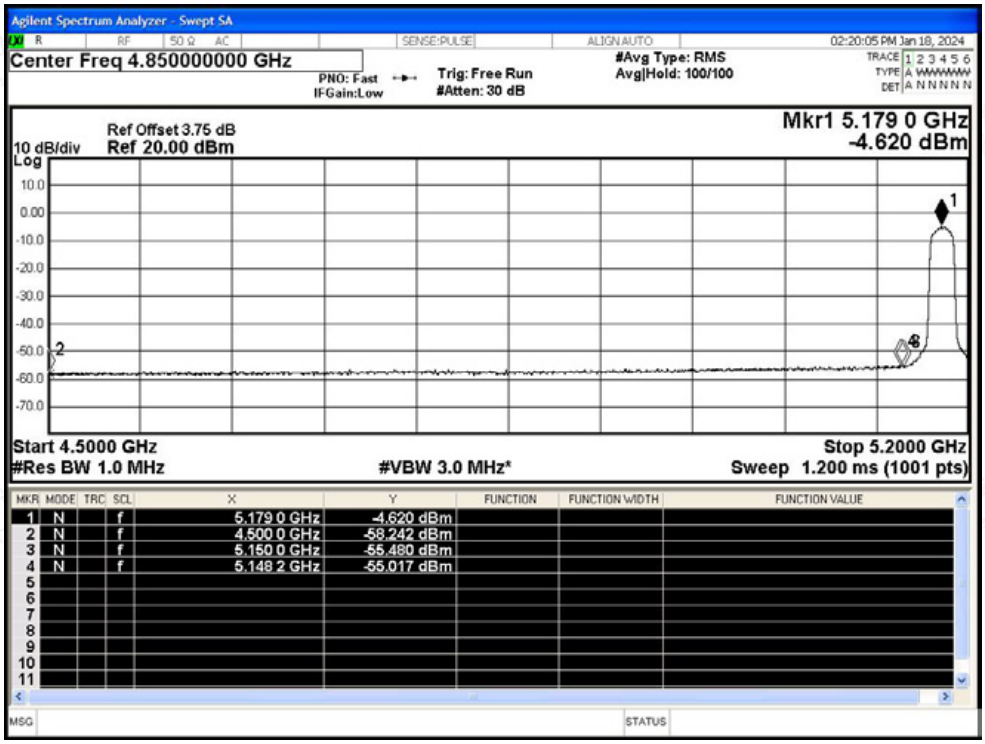
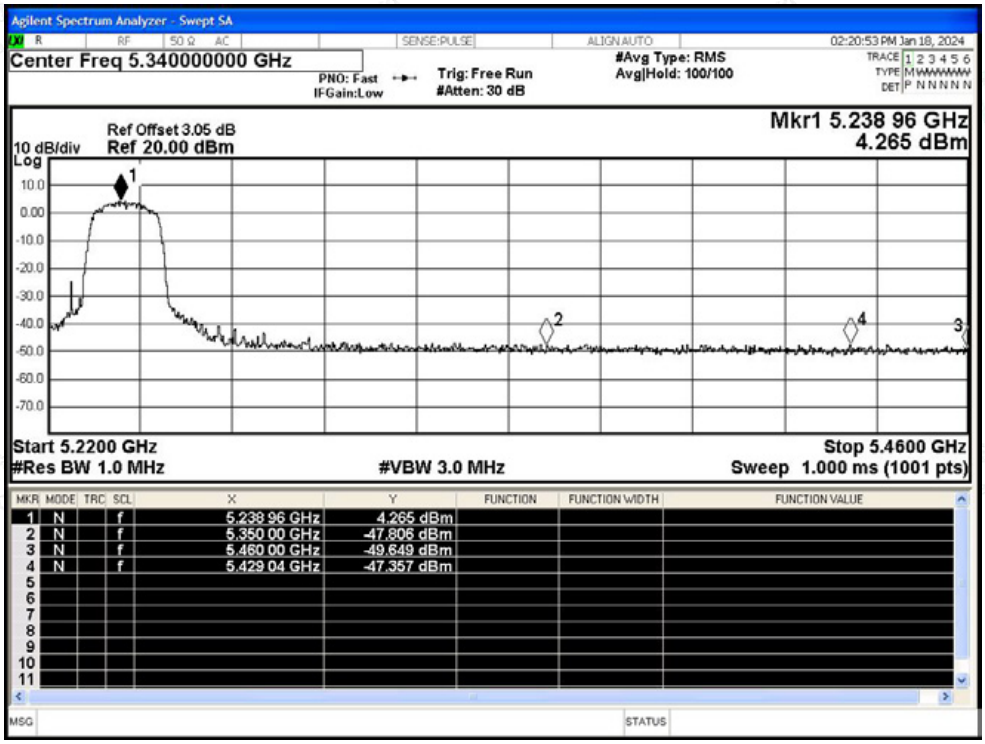
Restrict Band NVNT ac20 5180MHz Peak



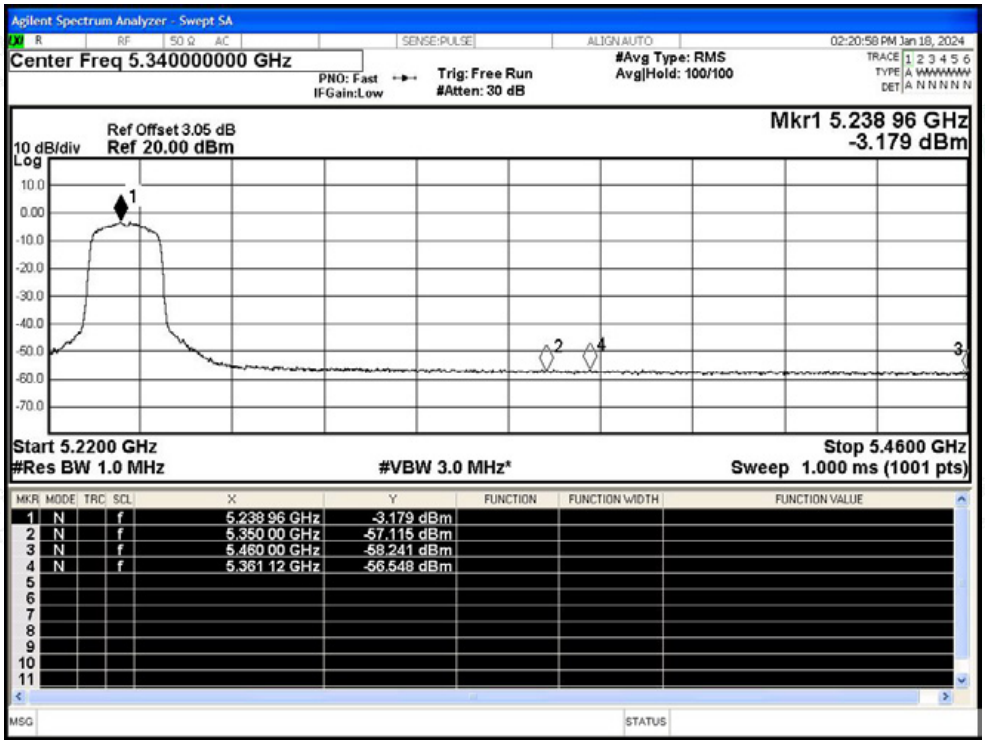
Restrict Band NVNT ac20 5180MHz Average



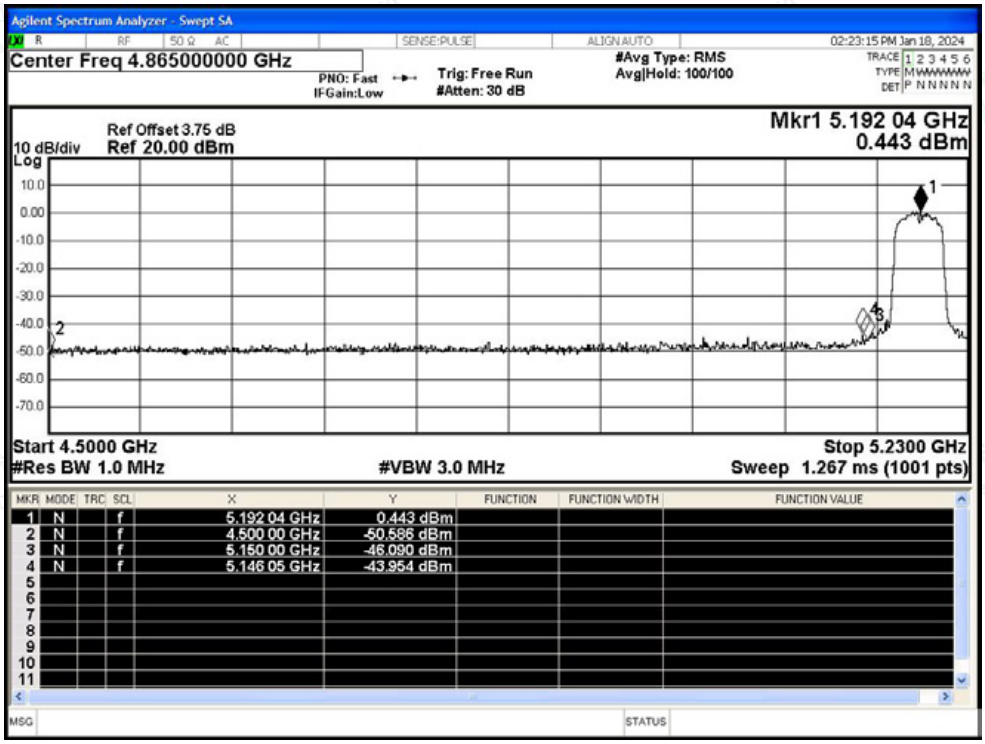
Restrict Band NVNT ac20 5240MHz Peak



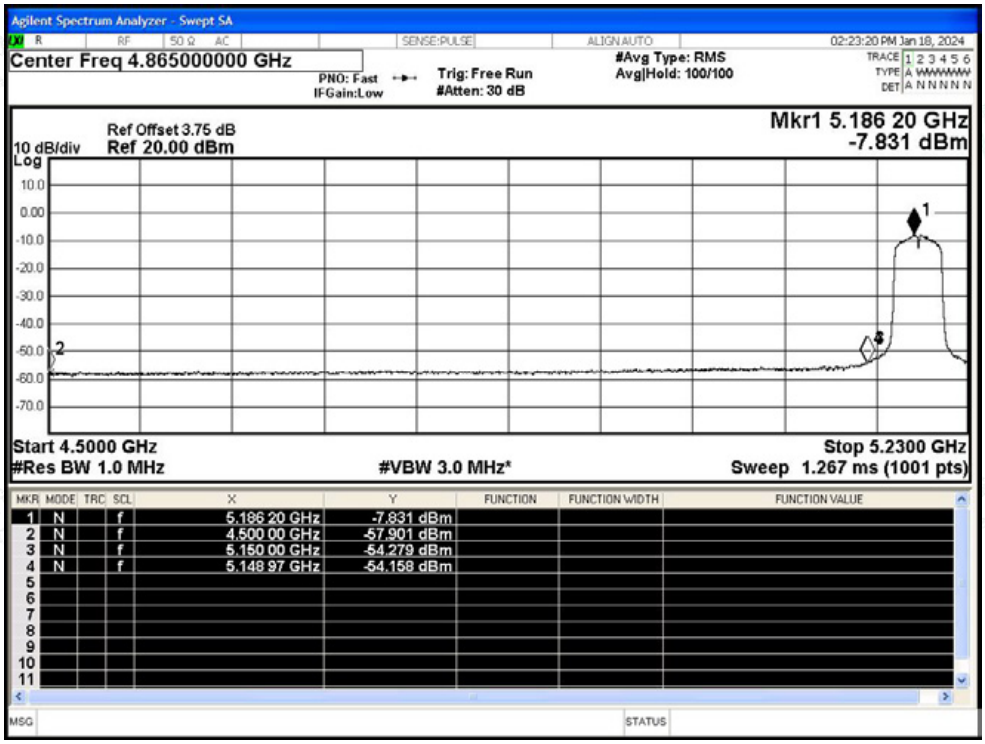
Restrict Band NVNT ac20 5240MHz Average



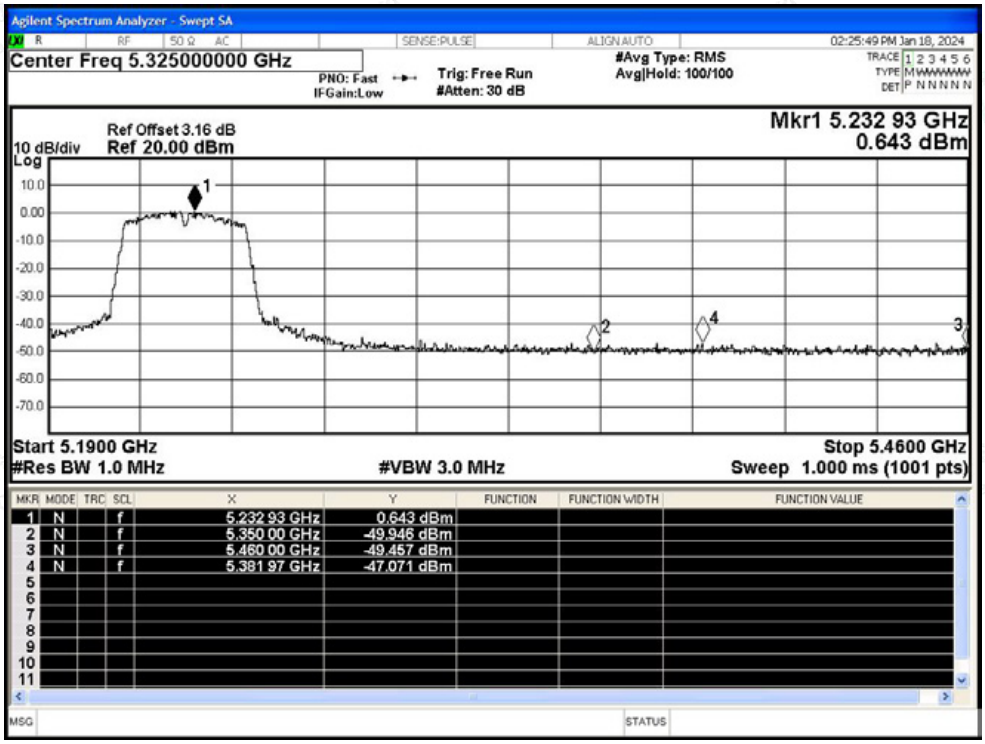
Restrict Band NVNT ac40 5190MHz Peak



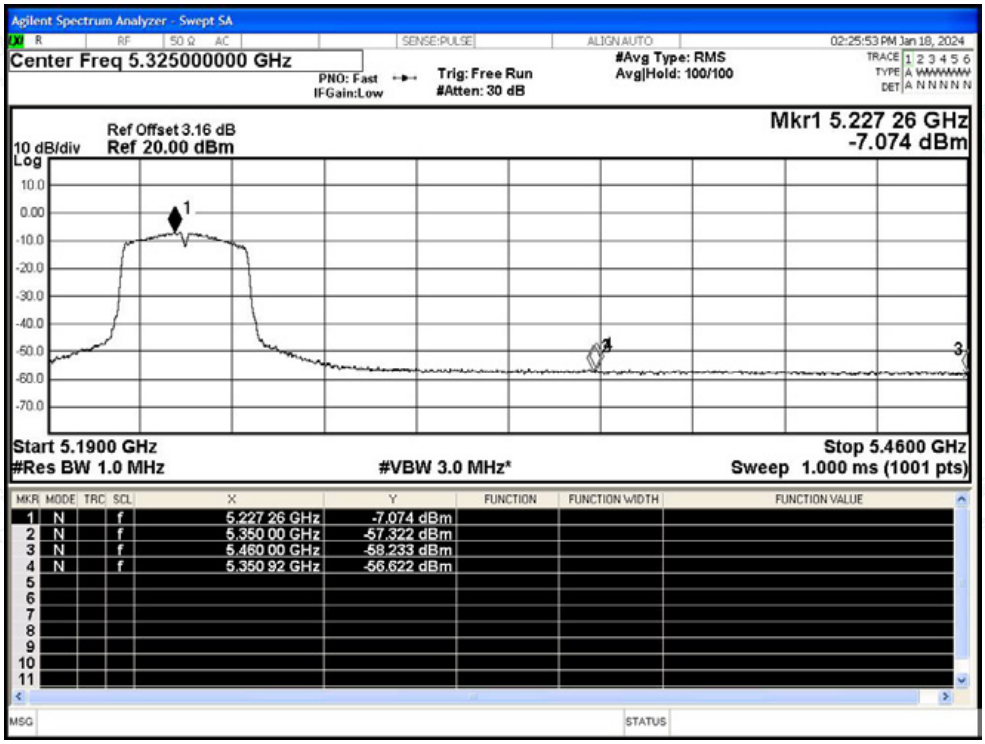
Restrict Band NVNT ac40 5190MHz Average



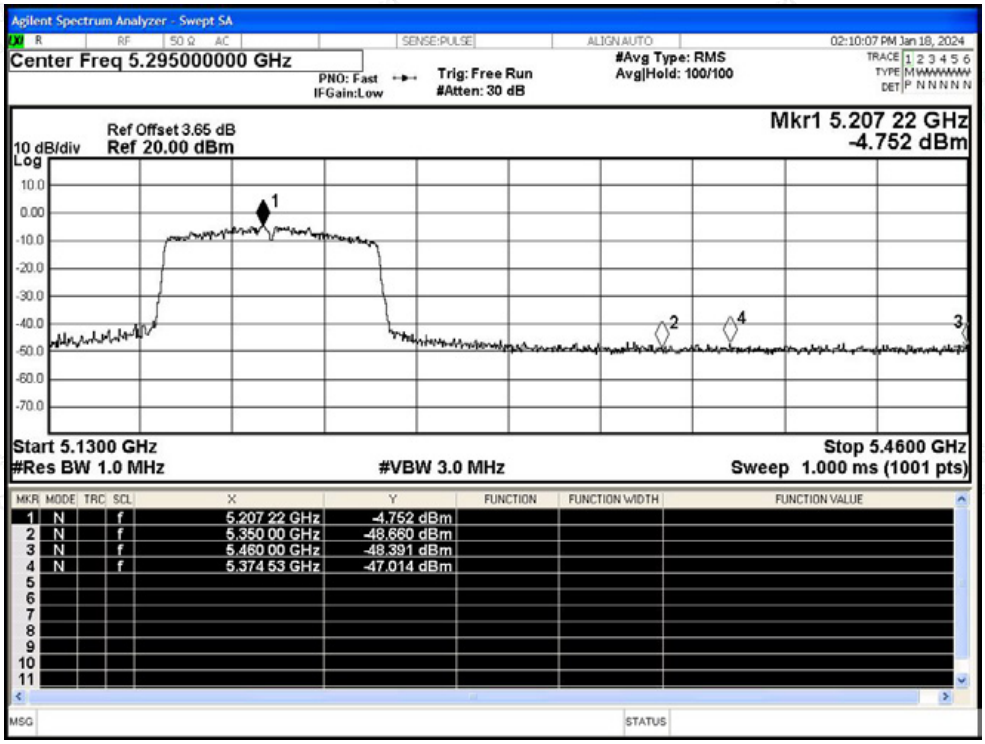
Restrict Band NVNT ac40 5230MHz Peak



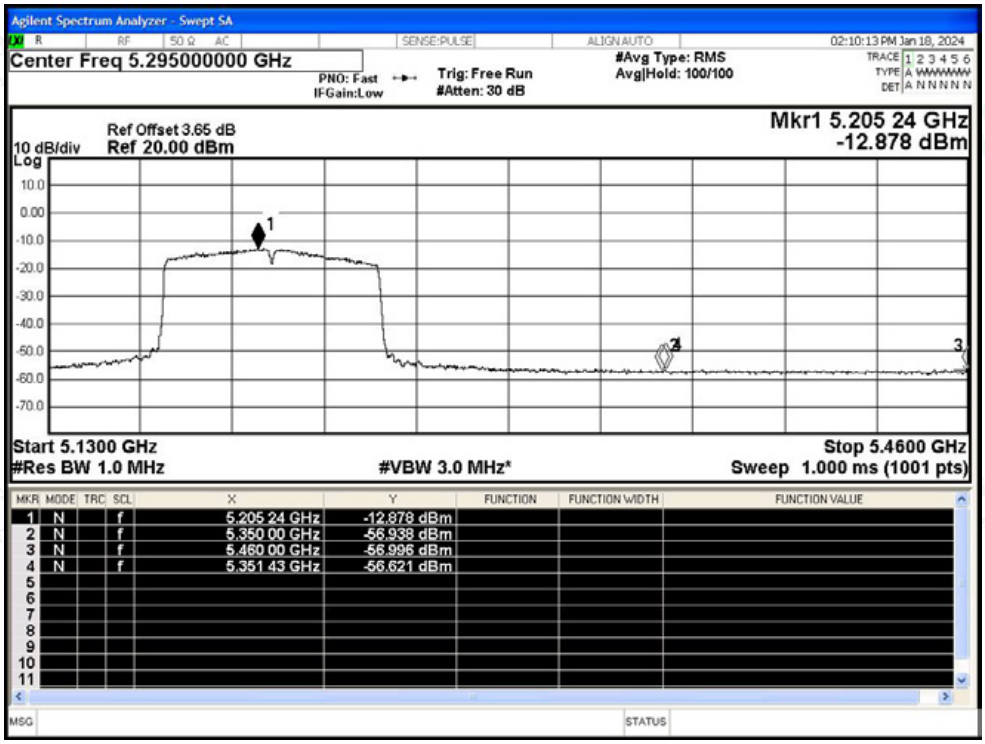
Restrict Band NVNT ac40 5230MHz Average



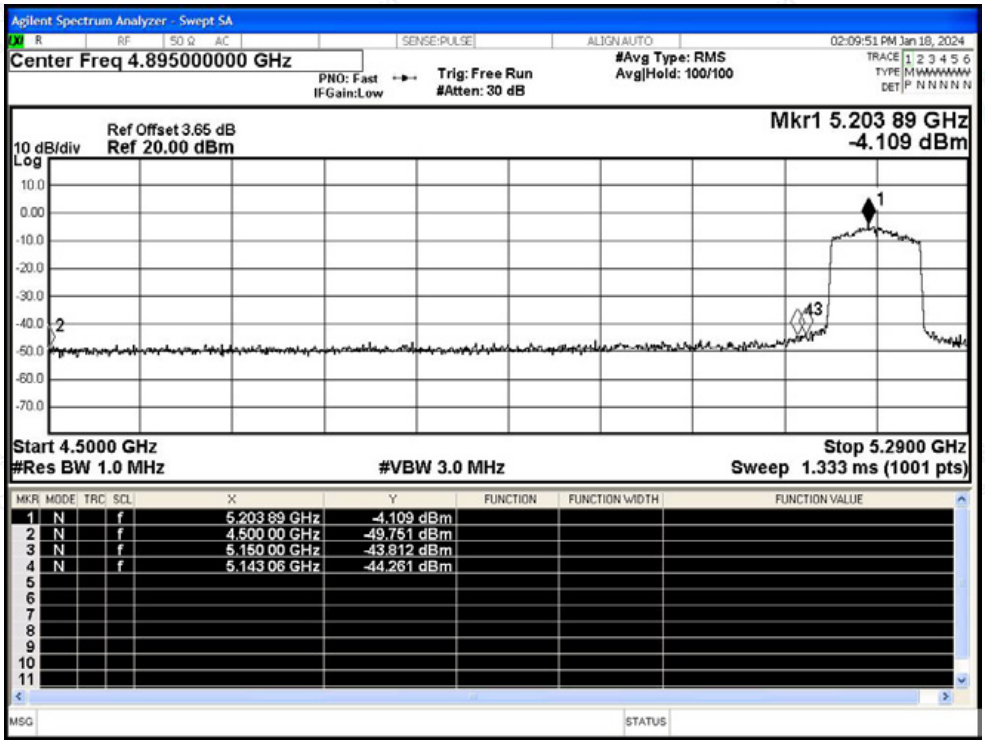
Restrict Band NVNT ac80 5210MHz Peak



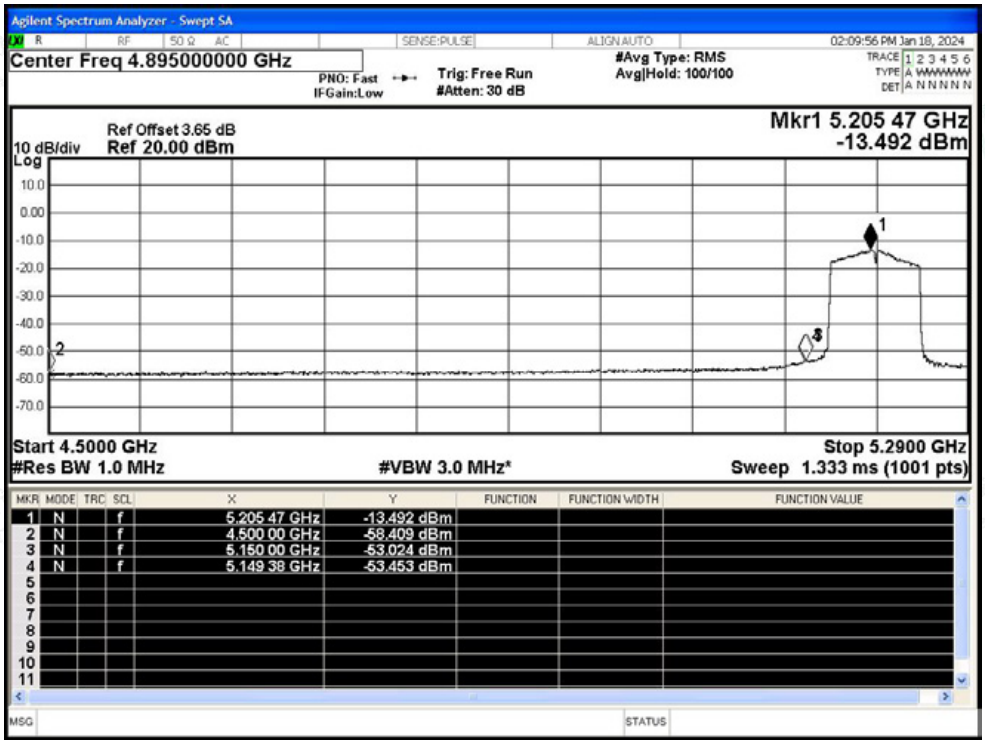
Restrict Band NVNT ac80 5210MHz Average



Restrict Band NVNT ac80 5210MHz Peak



Restrict Band NVNT ac80 5210MHz Average

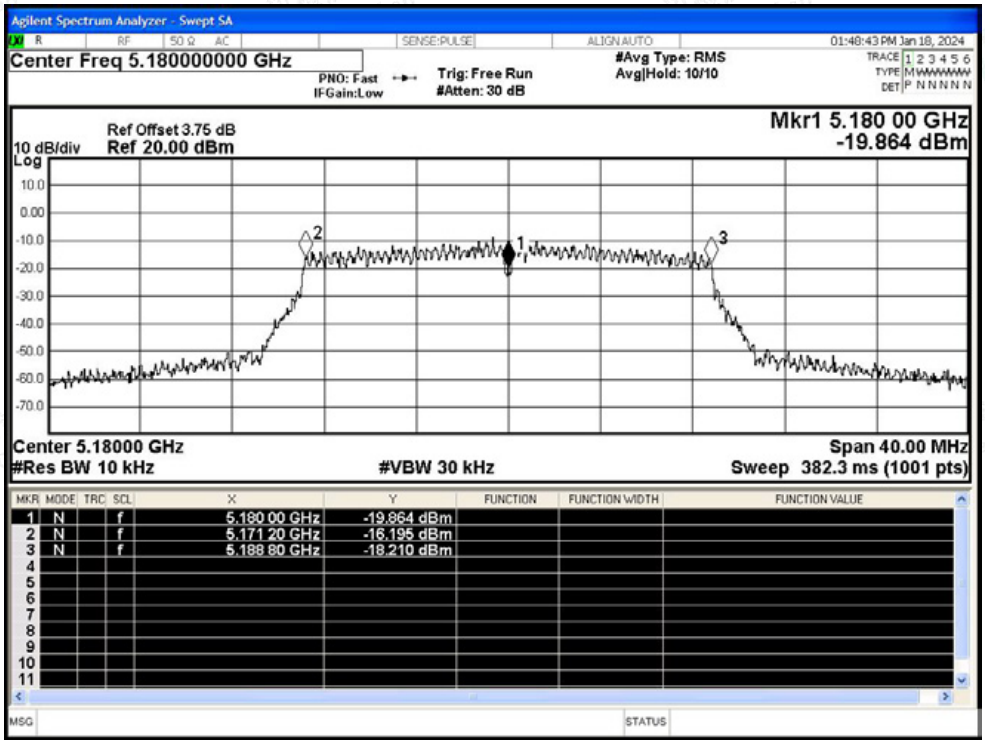


B.5 Frequency Stability

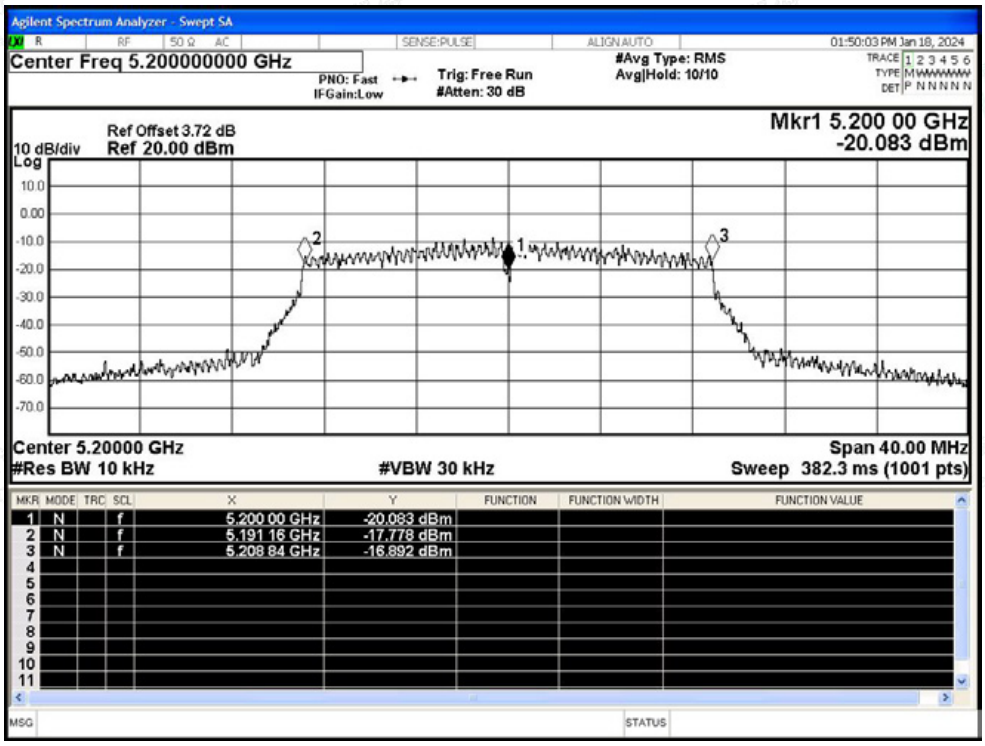
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ac20	5180	Ant0	5180	0	0	25	Pass
NVNT	ac20	5200	Ant0	5200	0	0	25	Pass
NVNT	ac20	5240	Ant0	5240	0	0	25	Pass
NVNT	ac40	5190	Ant0	5189.96	-40000	-7.71	25	Pass
NVNT	ac40	5230	Ant0	5230	0	0	25	Pass
NVNT	ac80	5210	Ant0	5209.92	-80000	-15.36	25	Pass

Test Graphs

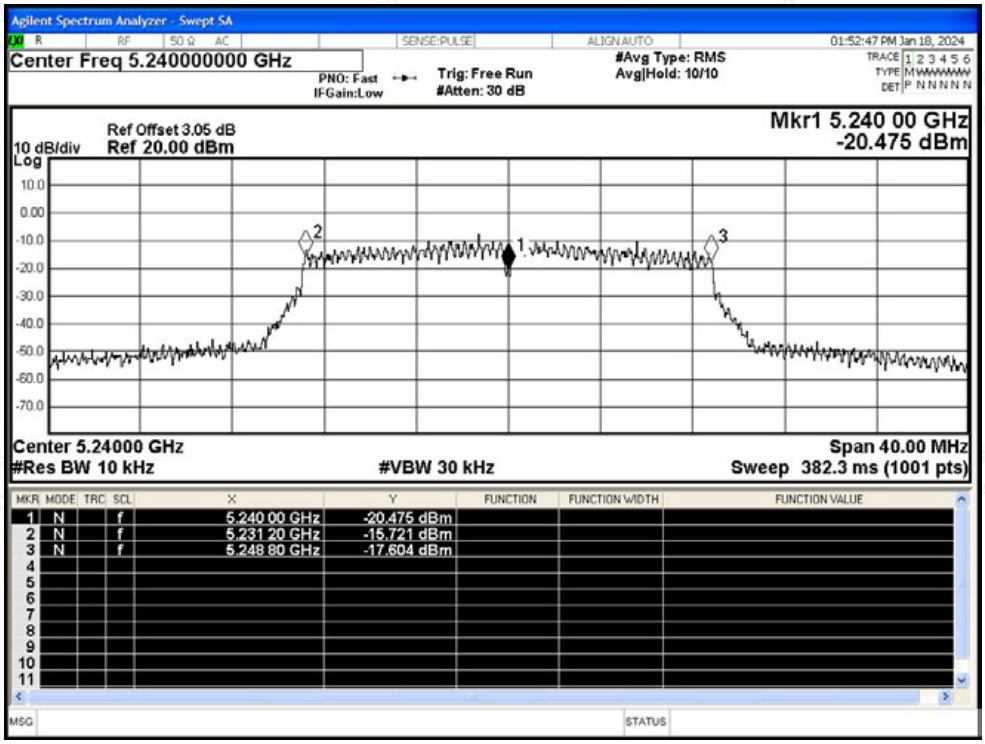
Freq. Stability NVNT ac20 5180MHz Ant0



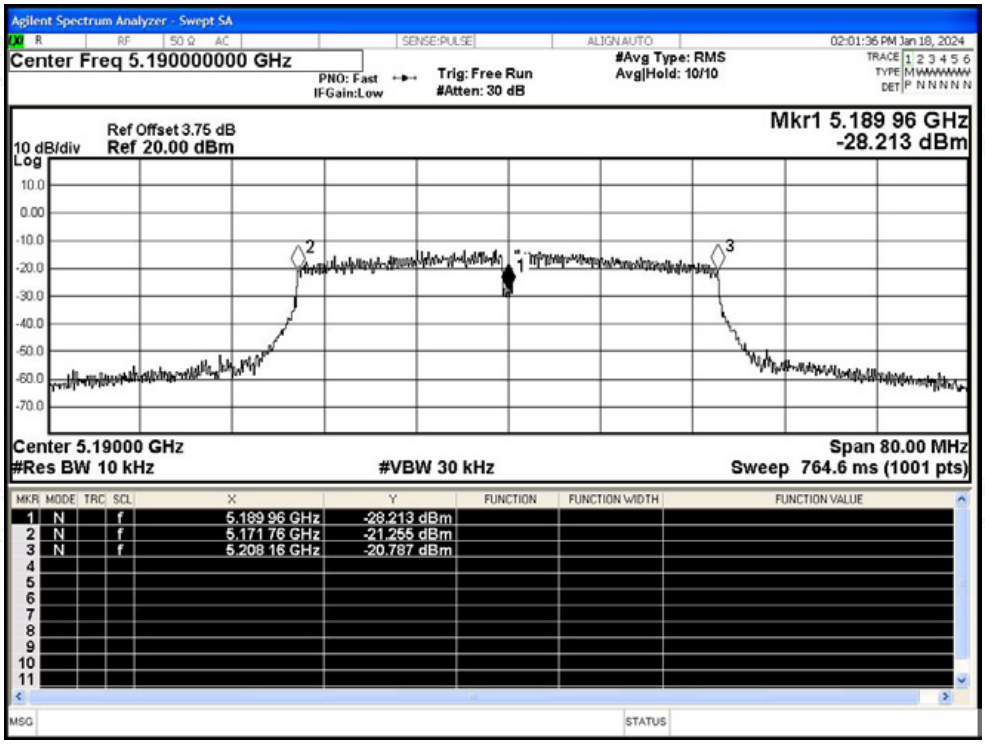
Freq. Stability NVNT ac20 5200MHz Ant0



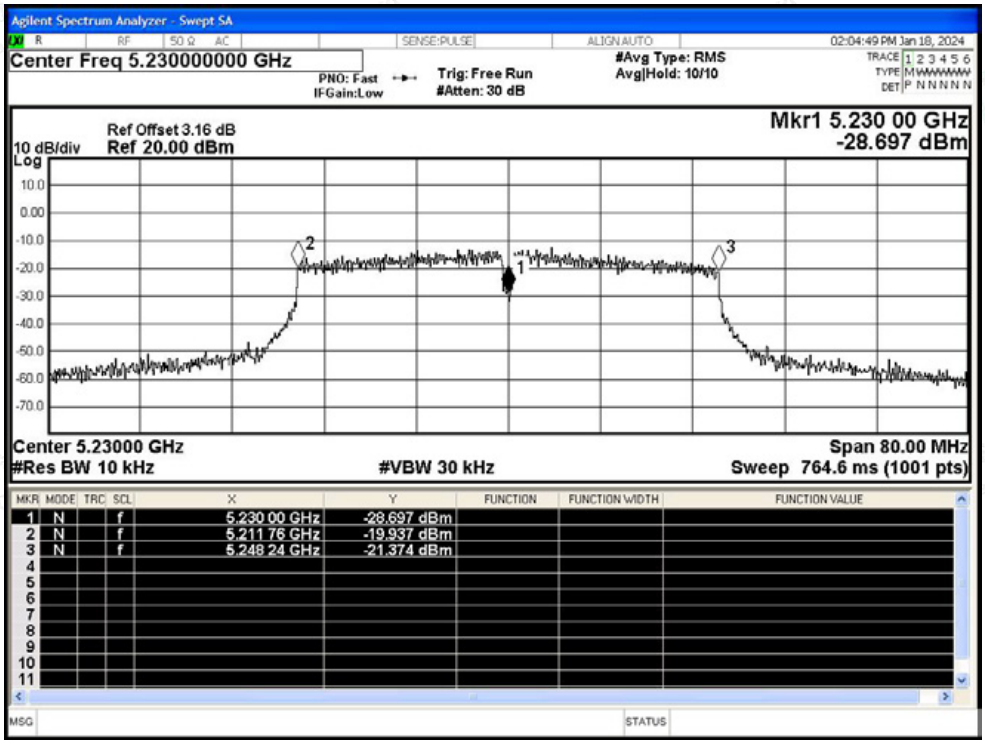
Freq. Stability NVNT ac20 5240MHz Ant0



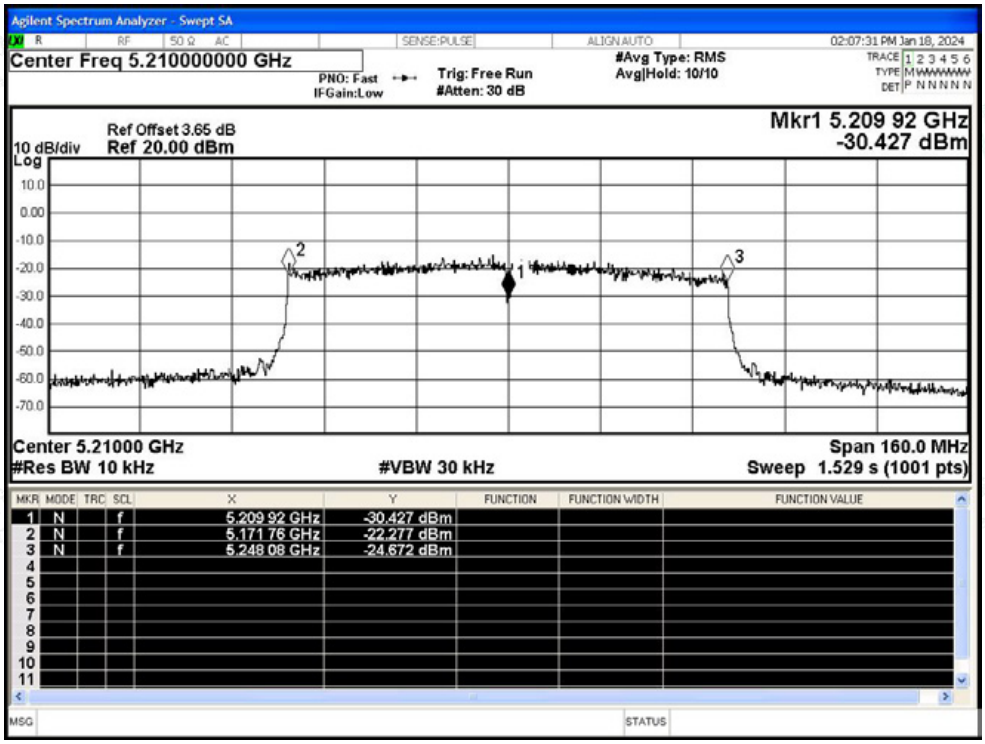
Freq. Stability NVNT ac40 5190MHz Ant0



Freq. Stability NVNT ac40 5230MHz Ant0



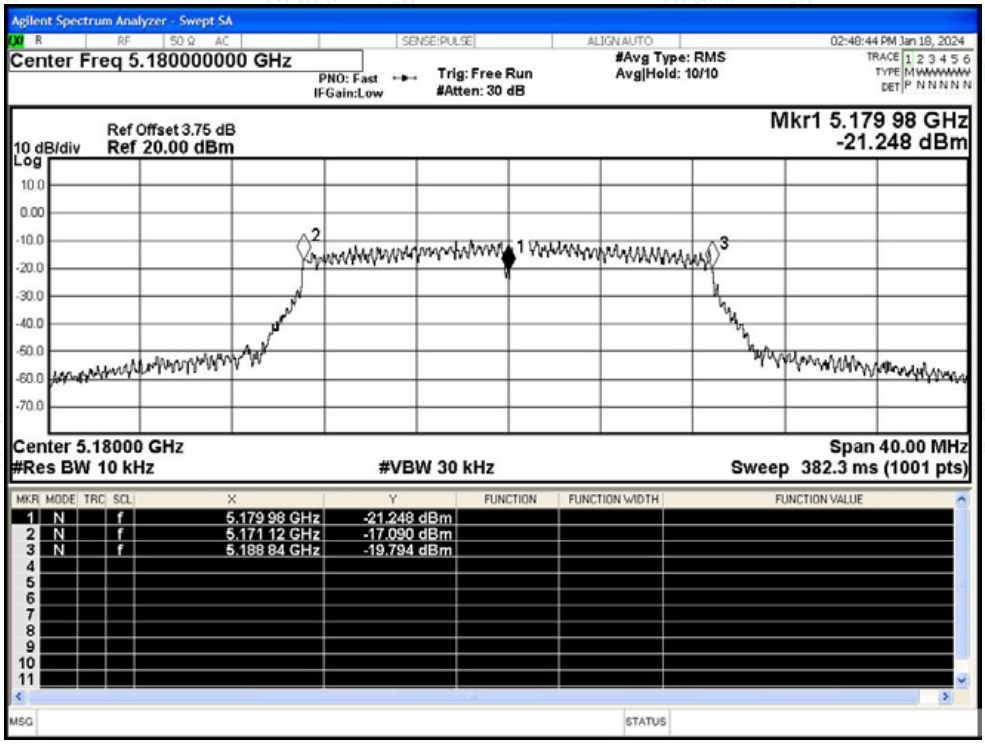
Freq. Stability NVNT ac80 5210MHz Ant0



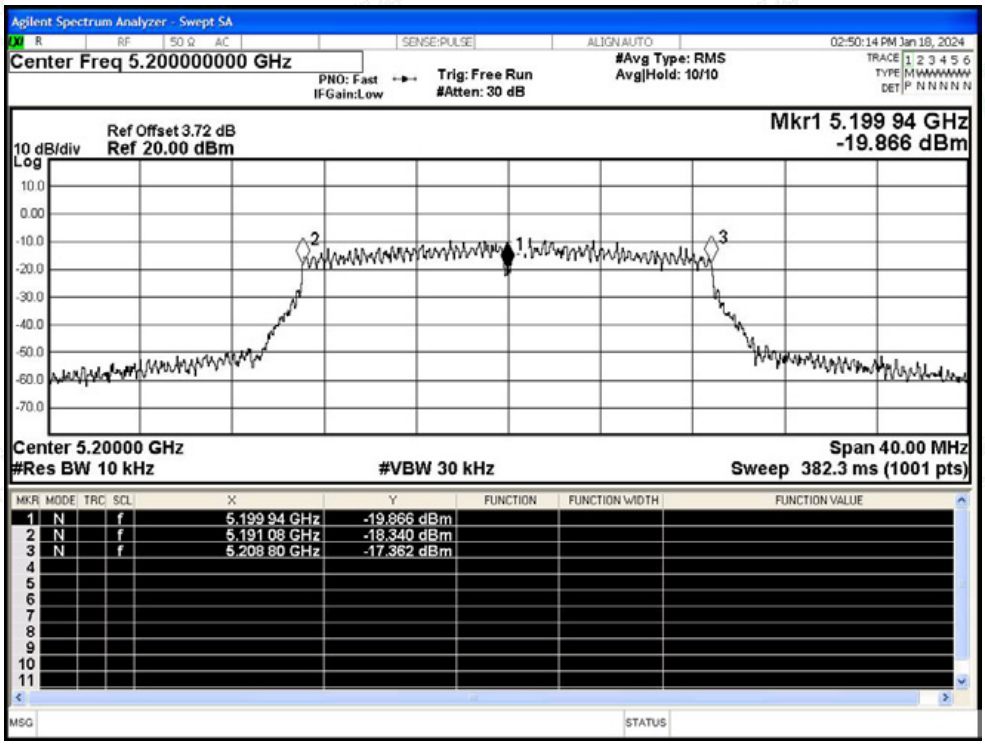
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
NVNT	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
NVNT	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
NVNT	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
NVNT	ac40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
NVNT	ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass

Test Graphs

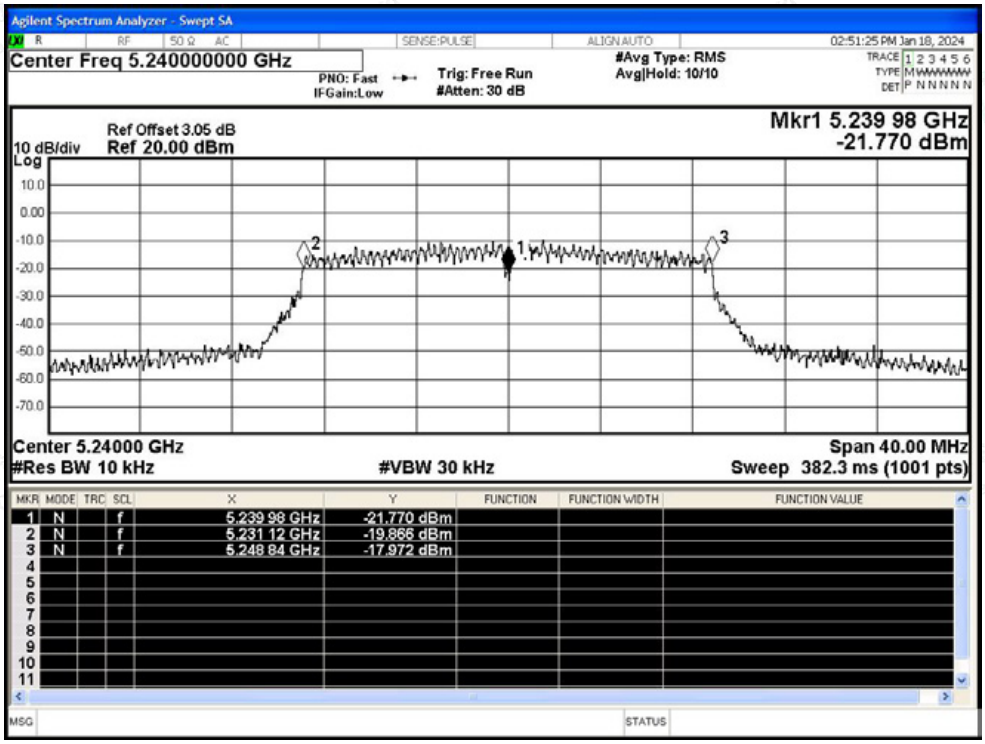
Freq. Stability NVNT ac20 5180MHz Ant1



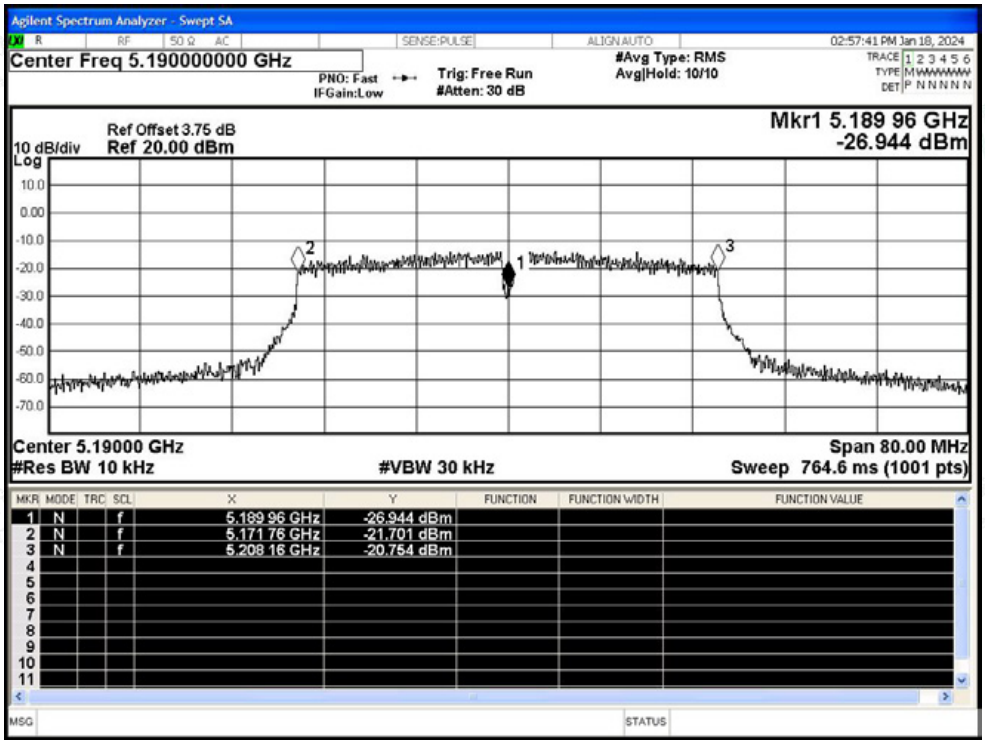
Freq. Stability NVNT ac20 5200MHz Ant1



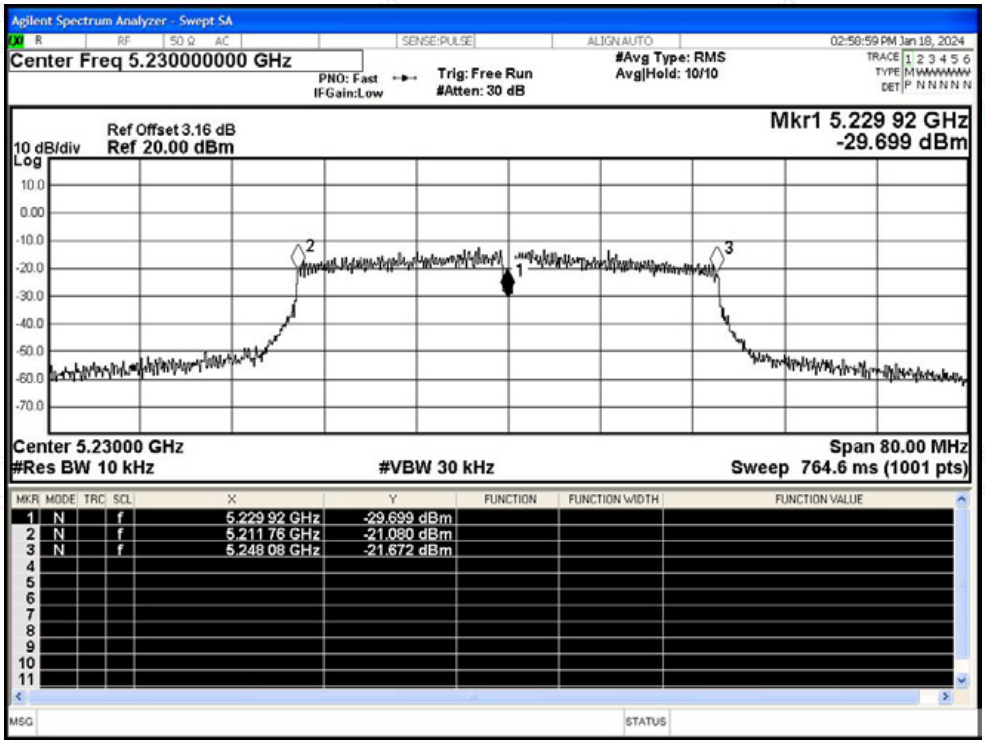
Freq. Stability NVNT ac20 5240MHz Ant1



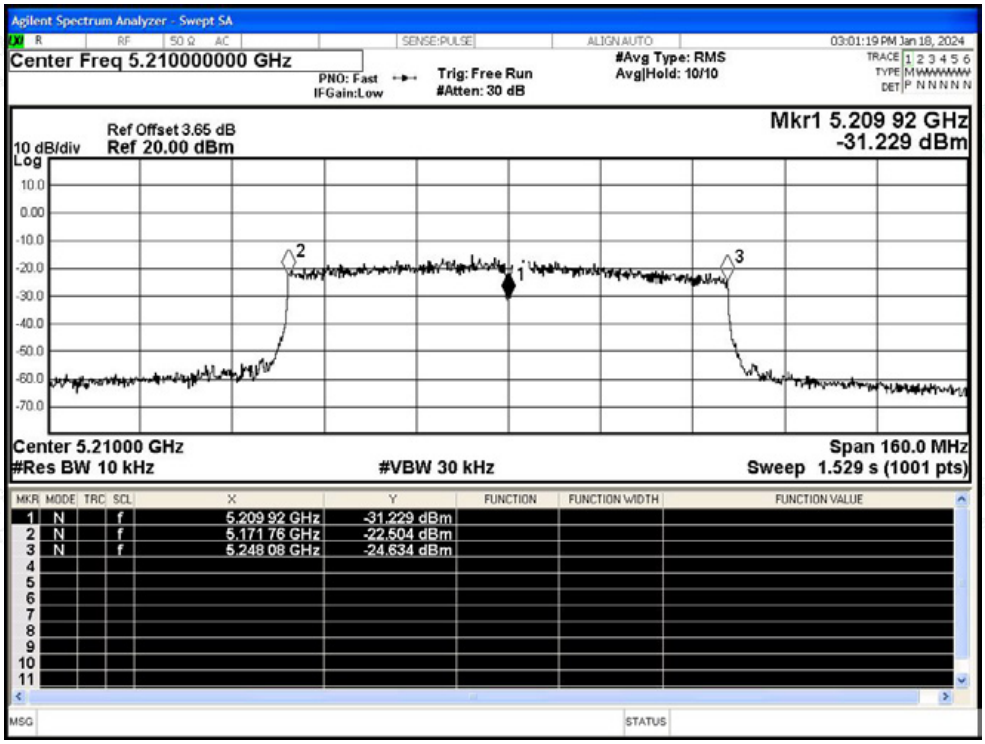
Freq. Stability NVNT ac40 5190MHz Ant1



Freq. Stability NVNT ac40 5230MHz Ant1



Freq. Stability NVNT ac80 5210MHz Ant1

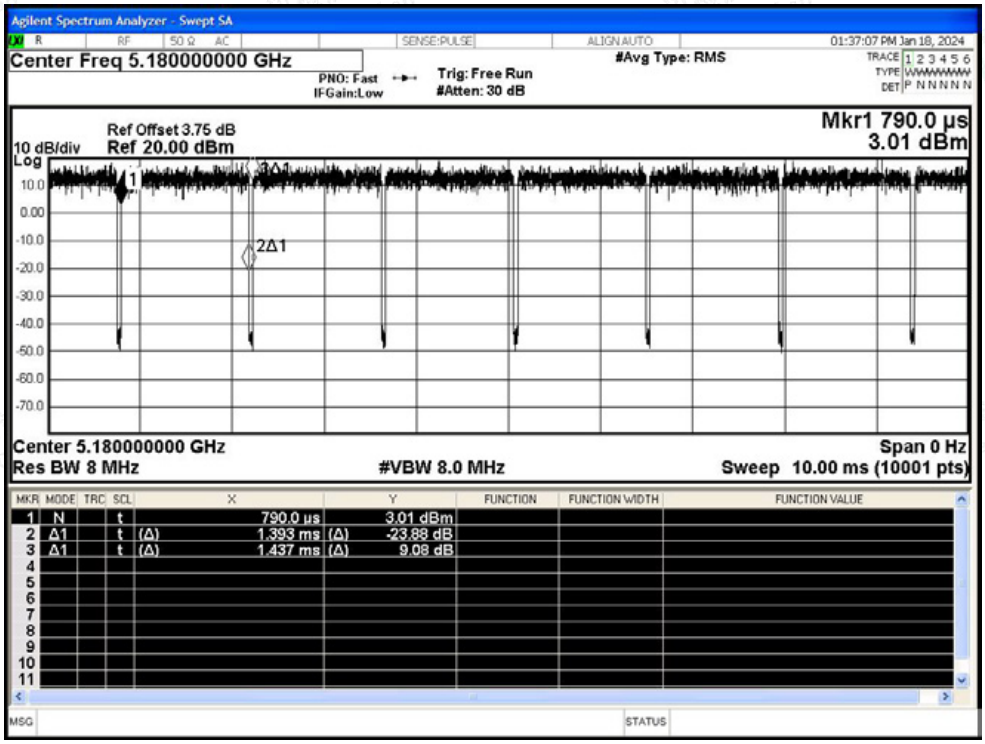


B.6 Duty Cycle

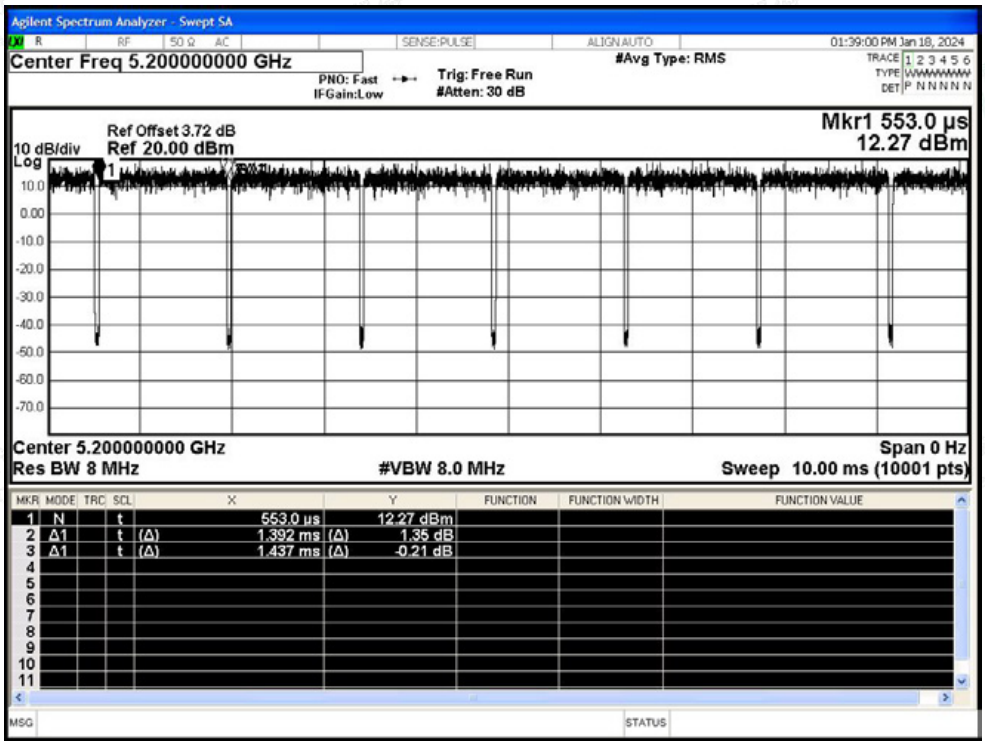
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant0	96.94	0.13	0.72
NVNT	a	5200	Ant0	96.87	0.14	0.72
NVNT	a	5240	Ant0	96.94	0.13	0.72
NVNT	n20	5180	Ant0	96.7	0.15	0.78
NVNT	n20	5200	Ant0	96.7	0.15	0.78
NVNT	n20	5240	Ant0	96.62	0.15	0.78
NVNT	n40	5190	Ant0	93.53	0.29	1.57
NVNT	n40	5230	Ant0	93.68	0.28	1.57
NVNT	ac20	5180	Ant0	96.64	0.15	0.78
NVNT	ac20	5200	Ant0	96.7	0.15	0.78
NVNT	ac20	5240	Ant0	96.7	0.15	0.78
NVNT	ac40	5190	Ant0	93.68	0.28	1.53
NVNT	ac40	5230	Ant0	93.82	0.28	1.53
NVNT	ac80	5210	Ant0	88.04	0.55	3.09

Test Graphs

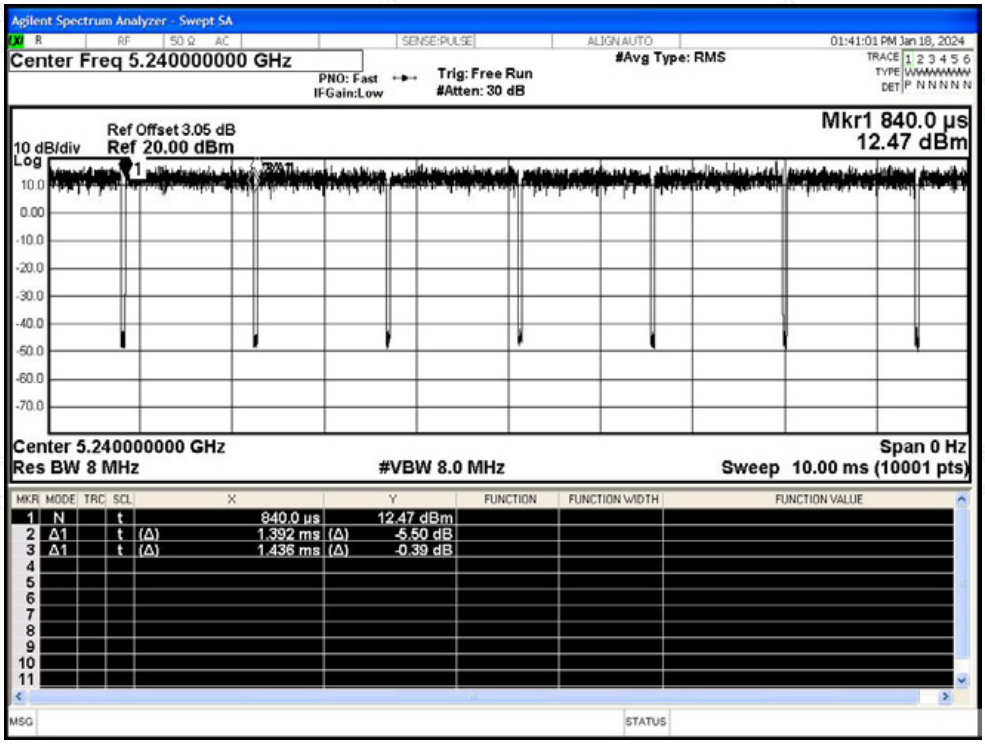
Duty Cycle NVNT a 5180MHz Ant0



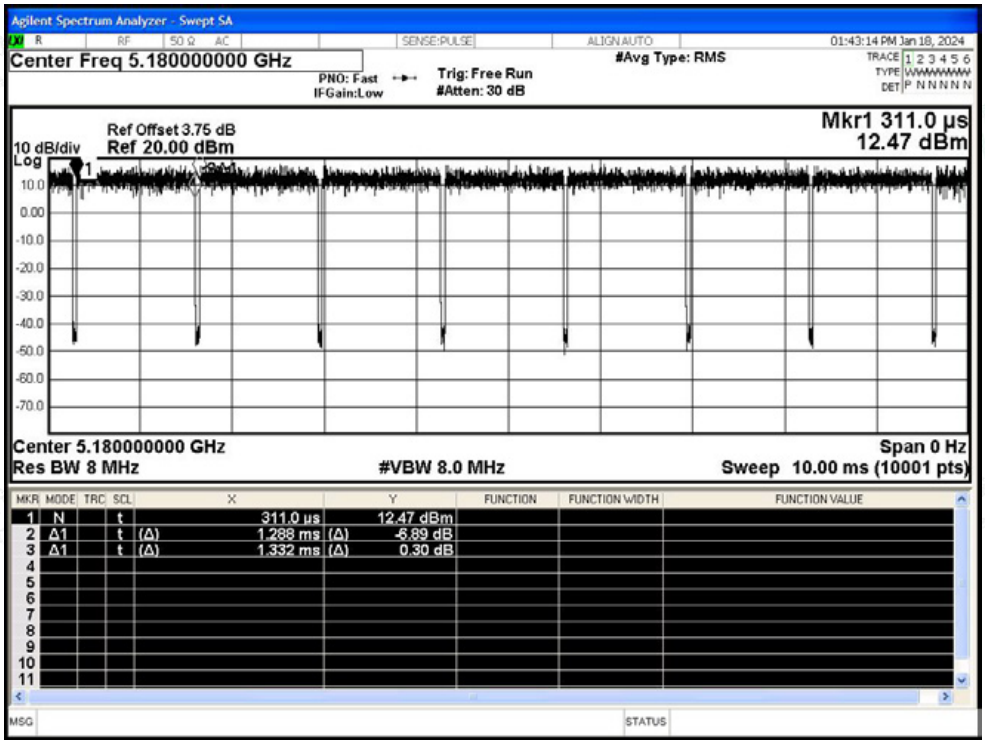
Duty Cycle NVNT a 5200MHz Ant0



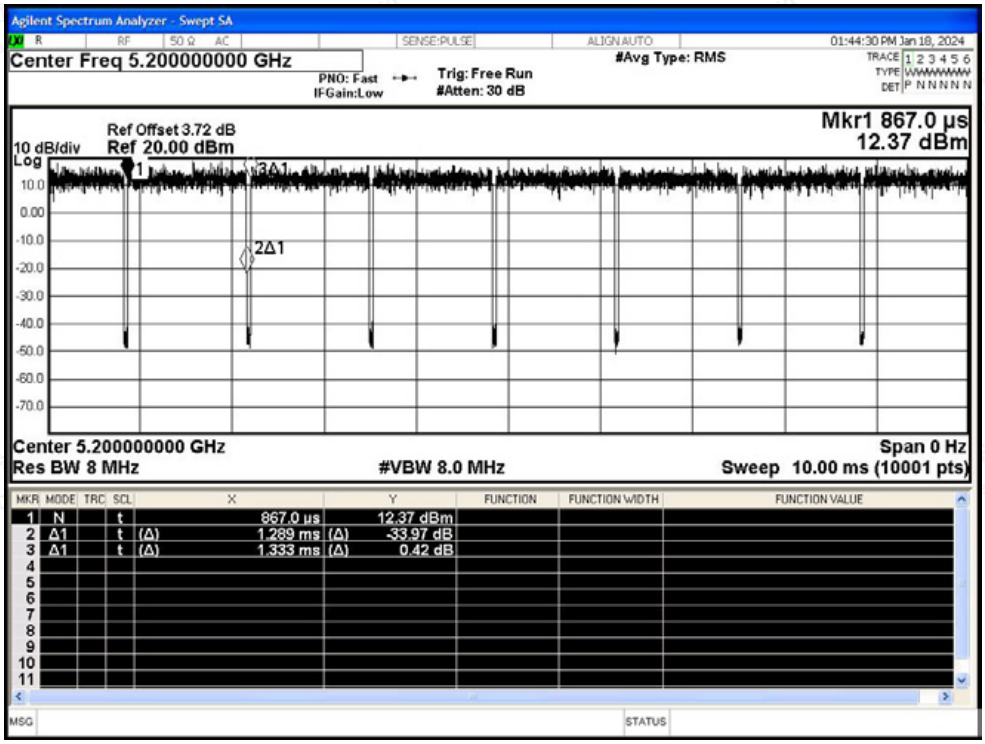
Duty Cycle NVNT a 5240MHz Ant0



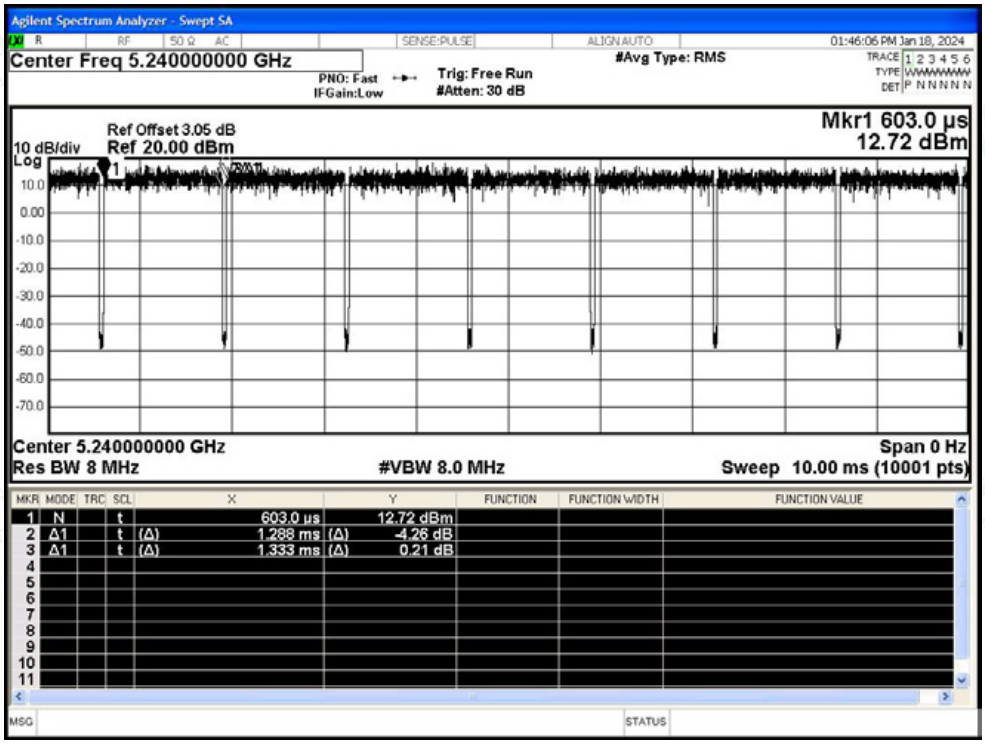
Duty Cycle NVNT n20 5180MHz Ant0



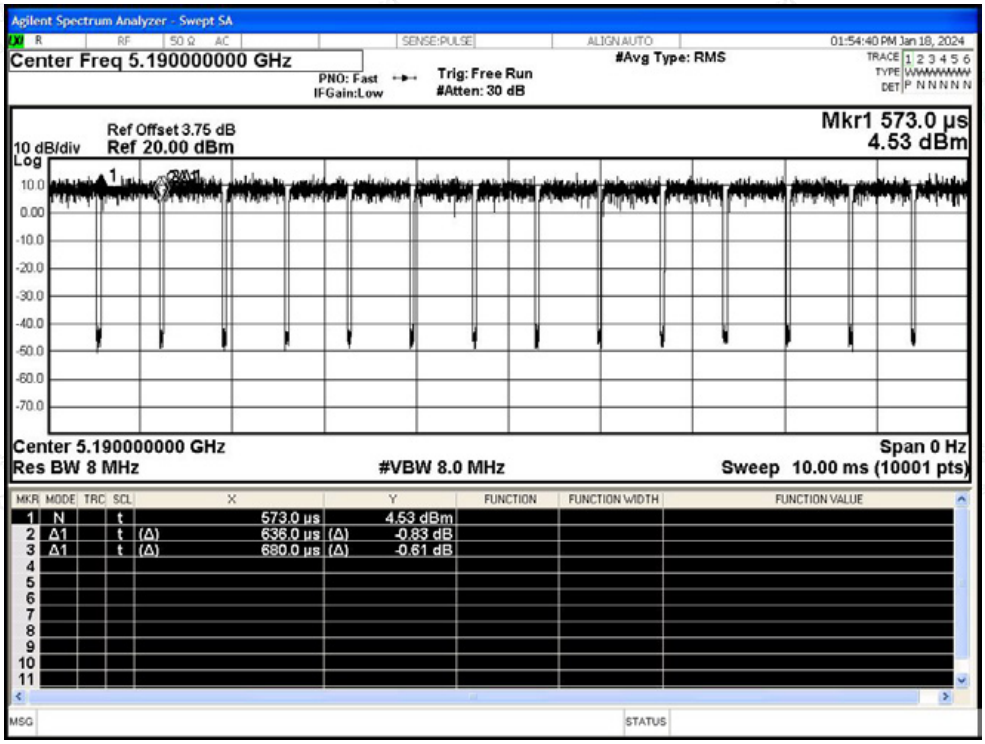
Duty Cycle NVNT n20 5200MHz Ant0



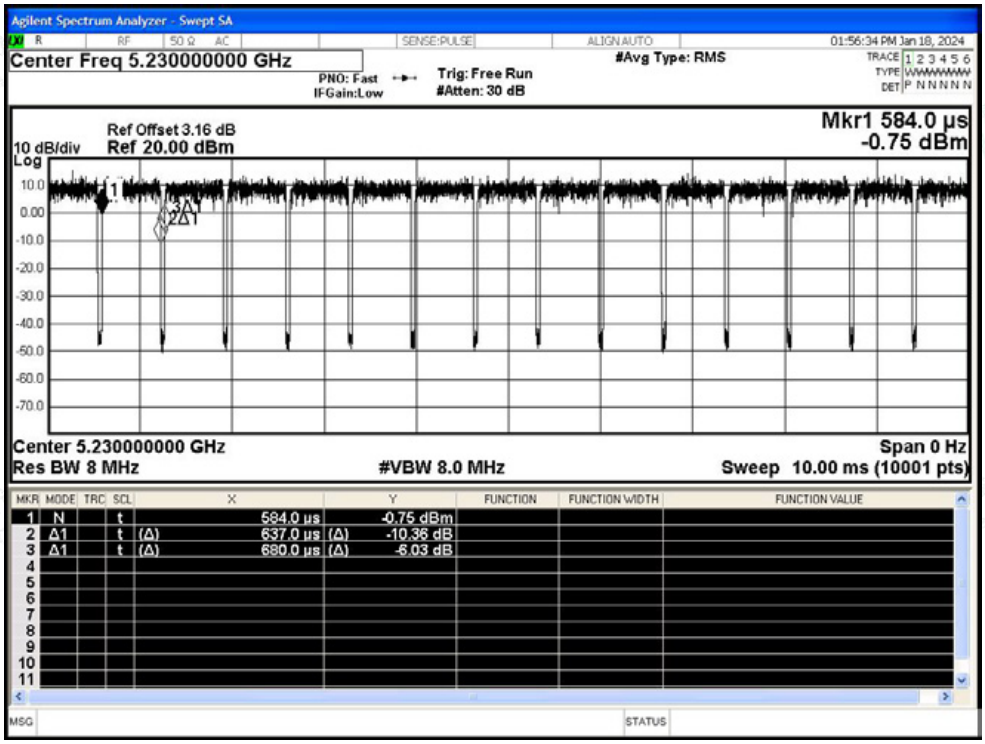
Duty Cycle NVNT n20 5240MHz Ant0



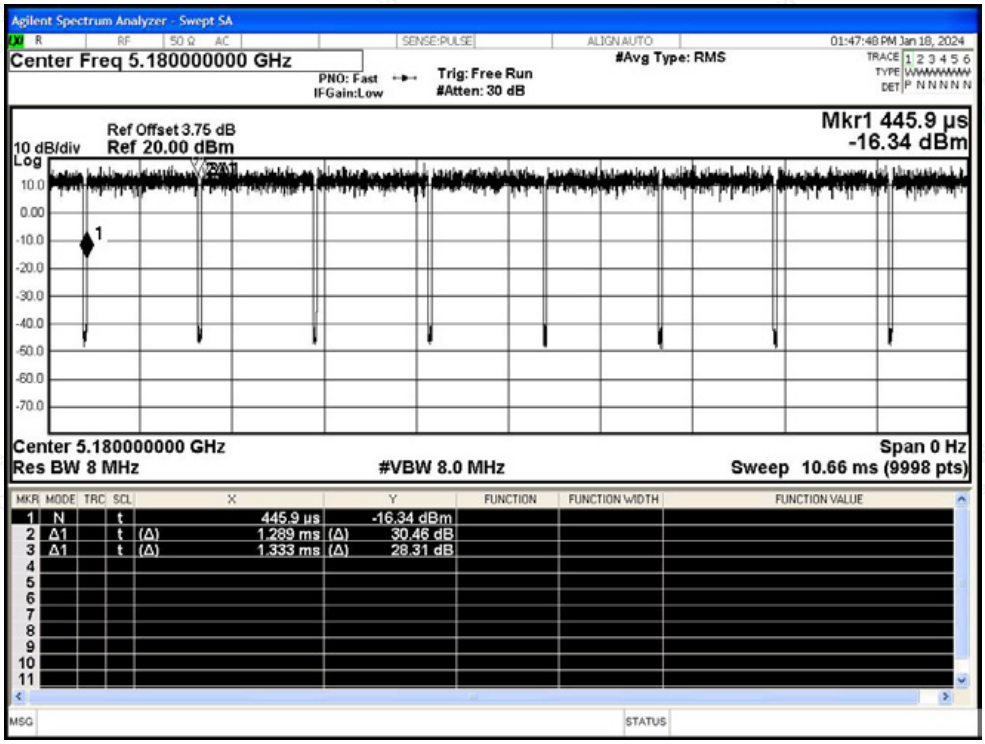
Duty Cycle NVNT n40 5190MHz Ant0



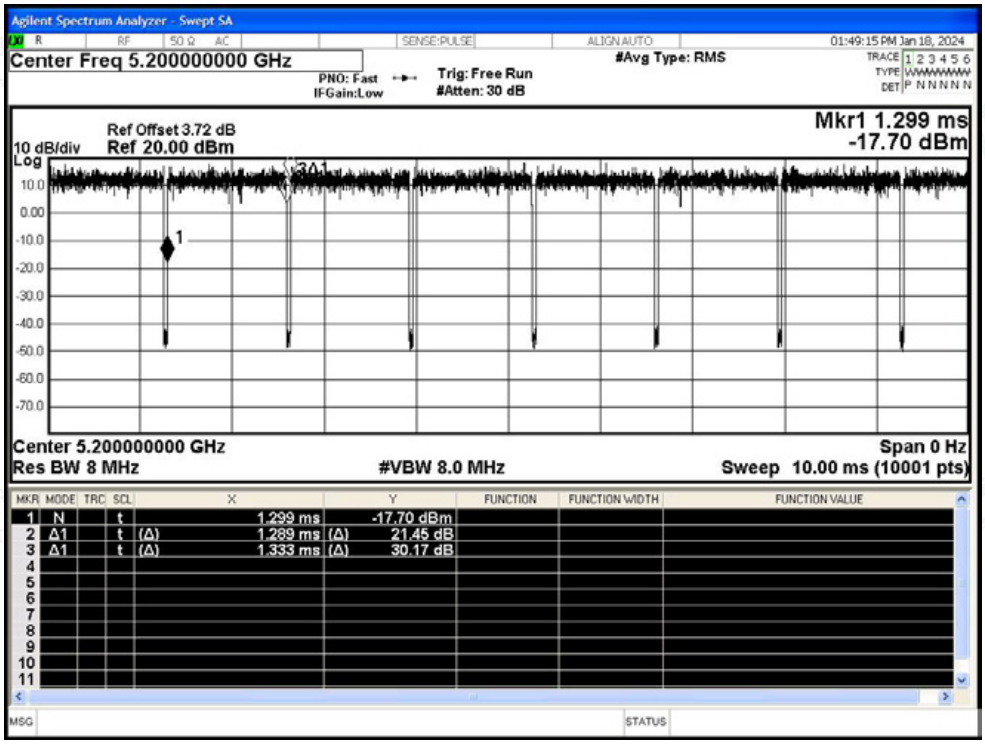
Duty Cycle NVNT n40 5230MHz Ant0



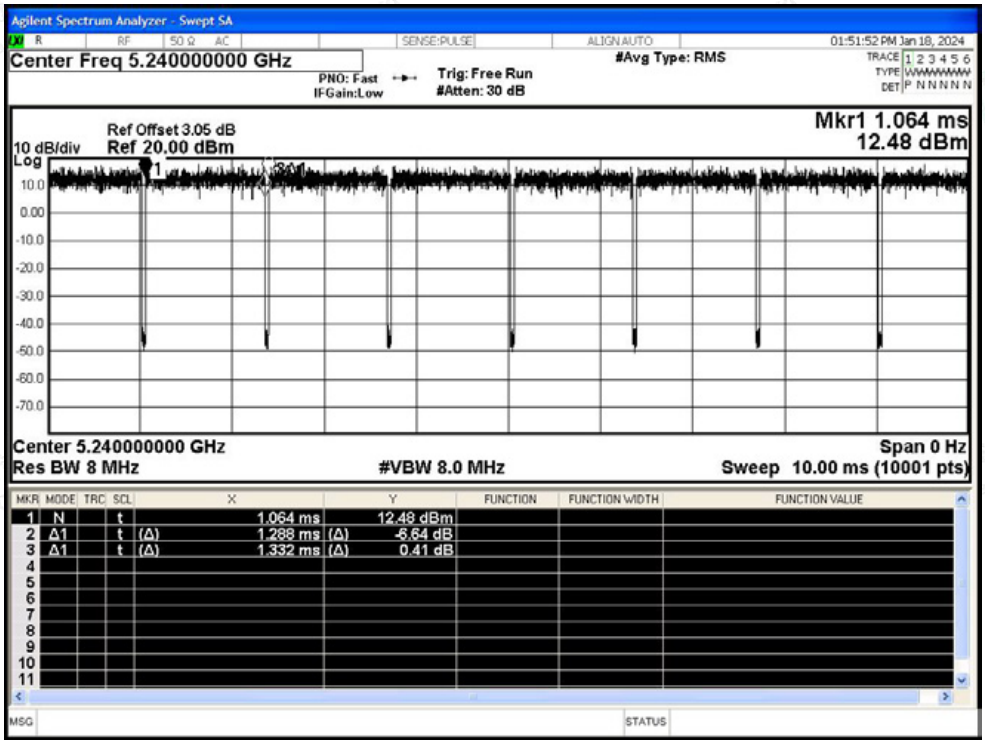
Duty Cycle NVNT ac20 5180MHz Ant0



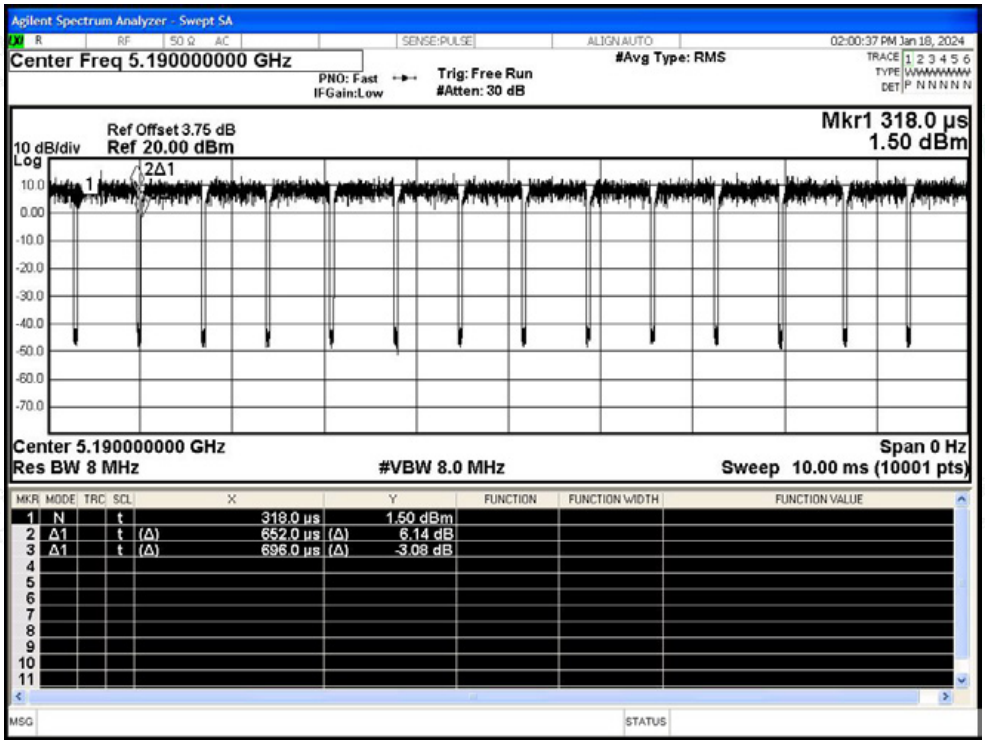
Duty Cycle NVNT ac20 5200MHz Ant0



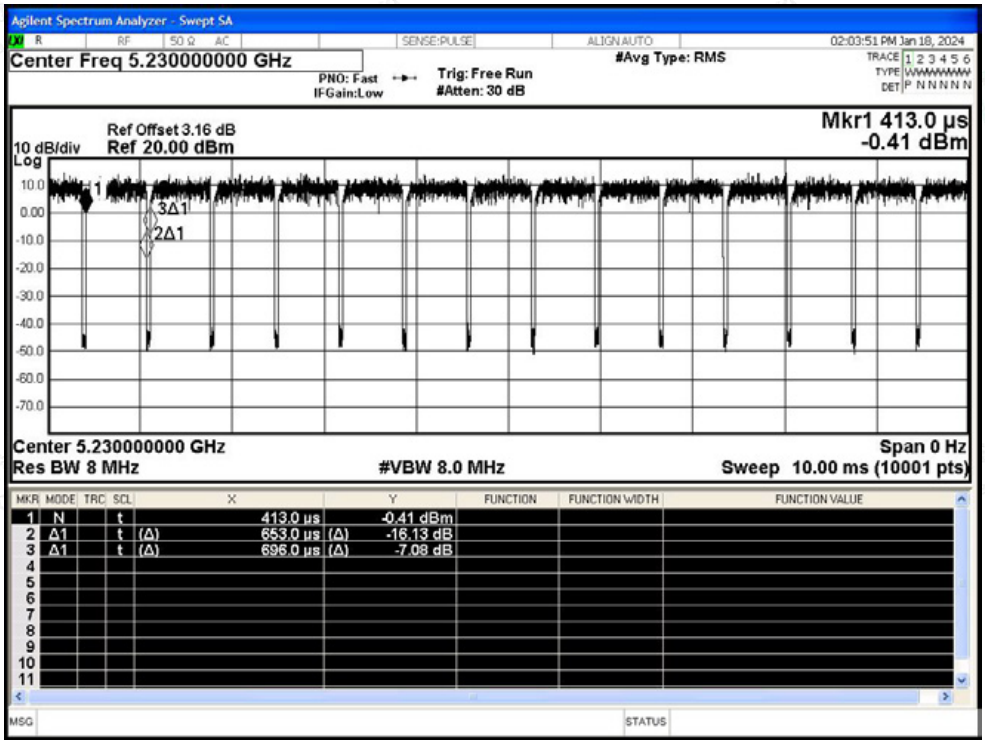
Duty Cycle NVNT ac20 5240MHz Ant0



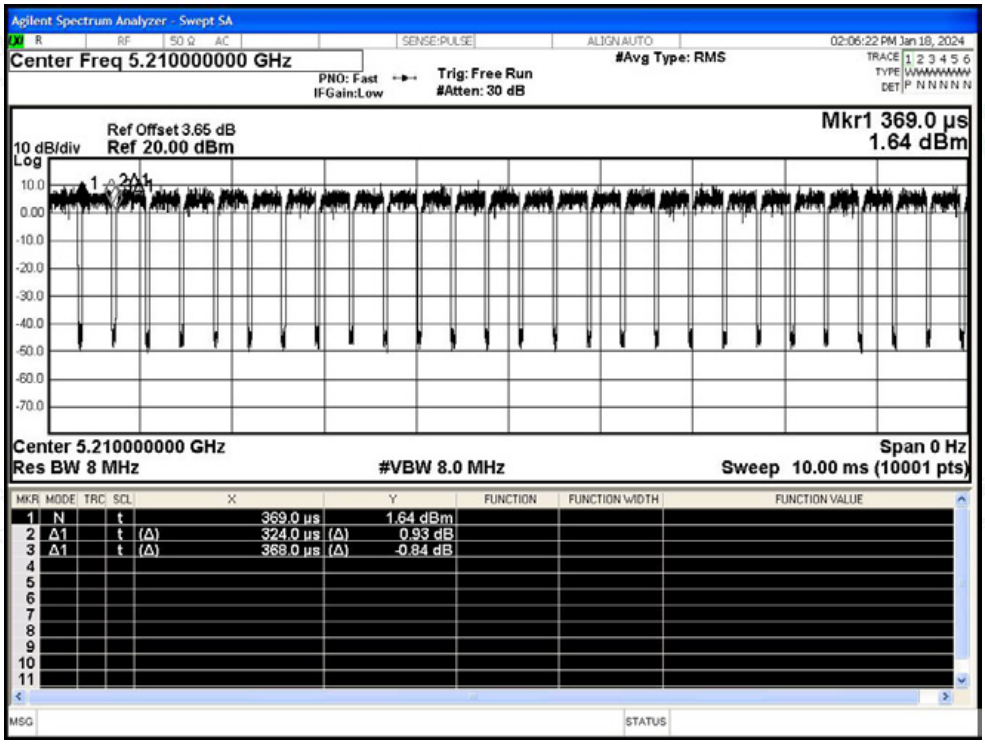
Duty Cycle NVNT ac40 5190MHz Ant0



Duty Cycle NVNT ac40 5230MHz Ant0



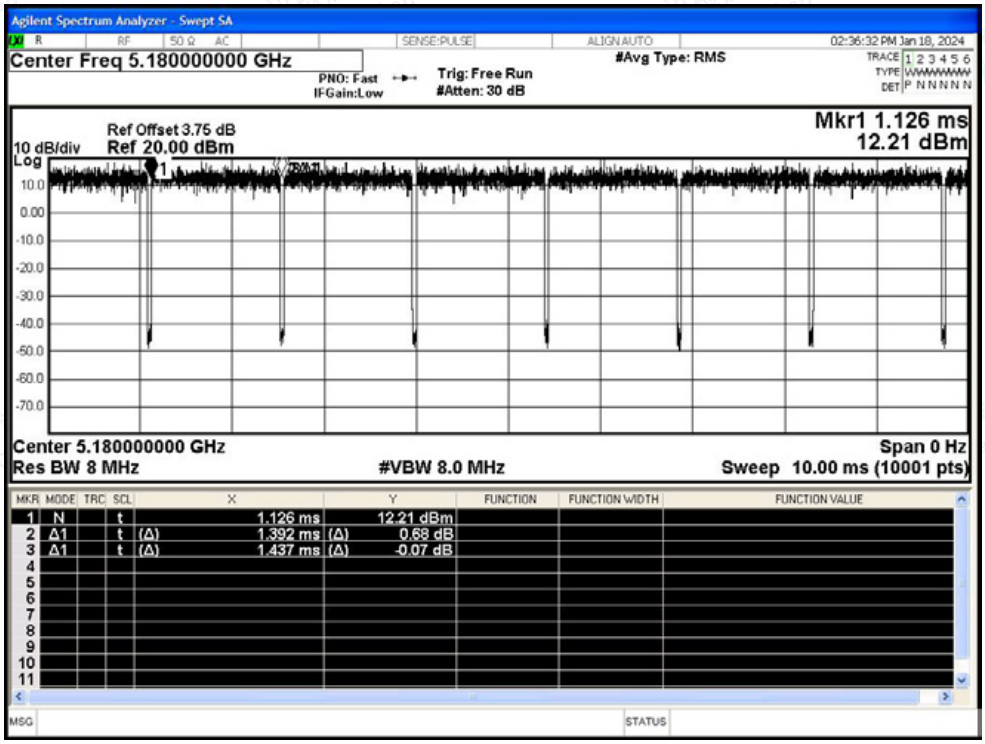
Duty Cycle NVNT ac80 5210MHz Ant0



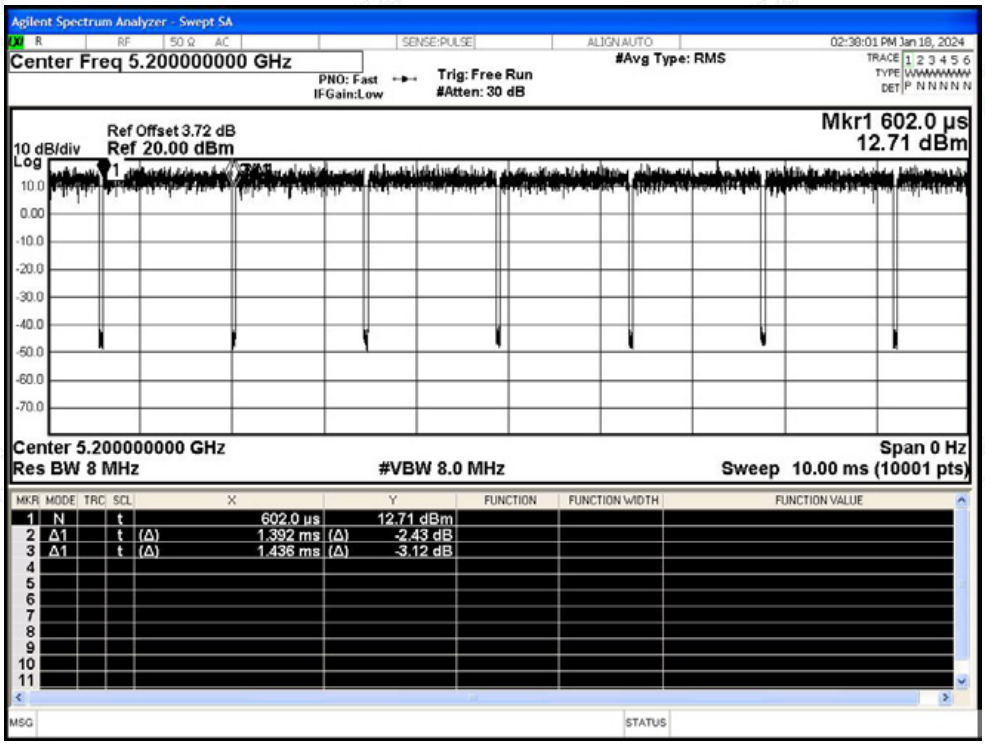
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	96.87	0.14	0.72
NVNT	a	5200	Ant1	96.94	0.13	0.72
NVNT	a	5240	Ant1	96.94	0.13	0.72
NVNT	n20	5180	Ant1	96.7	0.15	0.78
NVNT	n20	5200	Ant1	96.7	0.15	0.78
NVNT	n20	5240	Ant1	96.7	0.15	0.78
NVNT	n40	5190	Ant1	93.53	0.29	1.57
NVNT	n40	5230	Ant1	93.53	0.29	1.57
NVNT	ac20	5180	Ant1	96.7	0.15	0.76
NVNT	ac20	5200	Ant1	96.76	0.14	0.76
NVNT	ac20	5240	Ant1	96.68	0.15	0.76
NVNT	ac40	5190	Ant1	93.68	0.28	1.53
NVNT	ac40	5230	Ant1	93.68	0.28	1.53
NVNT	ac80	5210	Ant1	88.04	0.55	3.09

Test Graphs

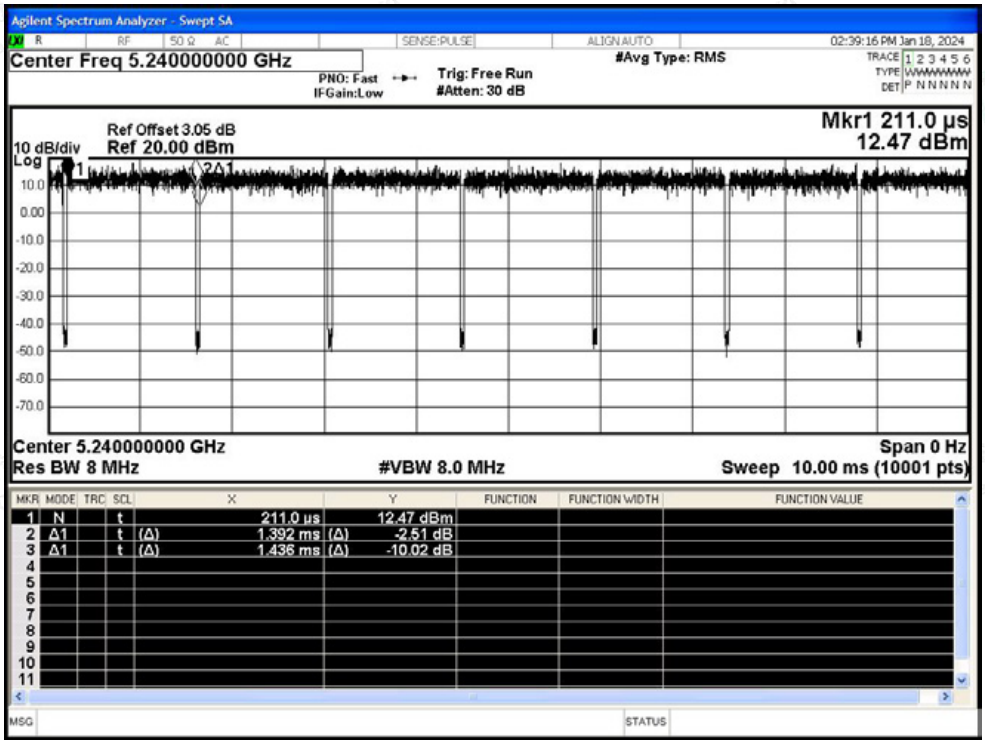
Duty Cycle NVNT a 5180MHz Ant1



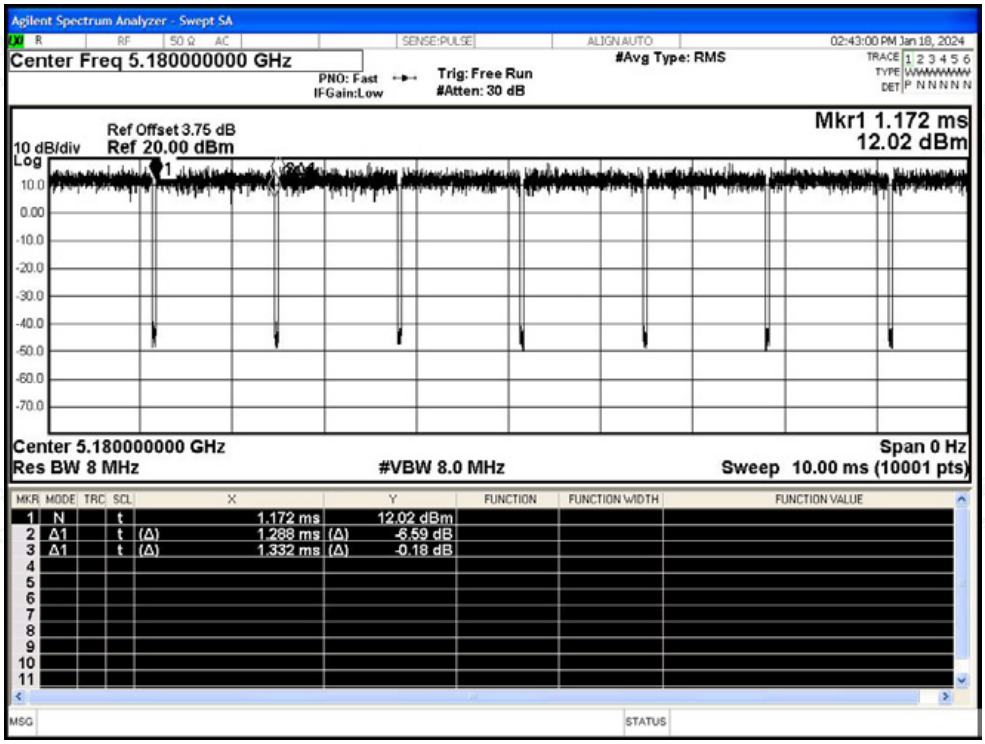
Duty Cycle NVNT a 5200MHz Ant1



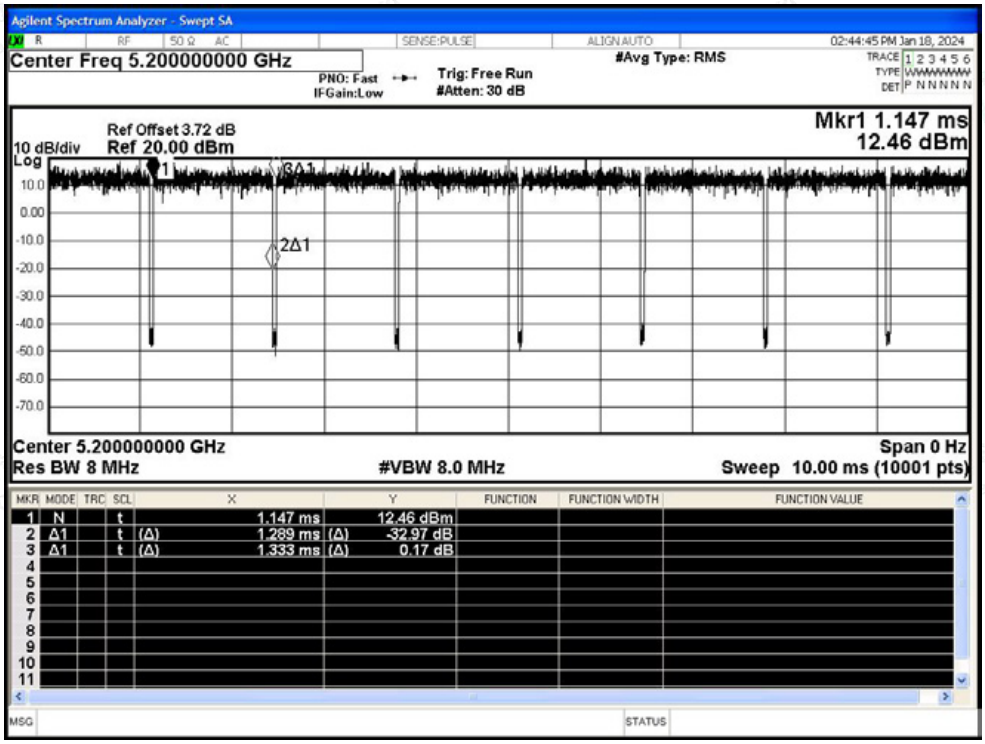
Duty Cycle NVNT a 5240MHz Ant1



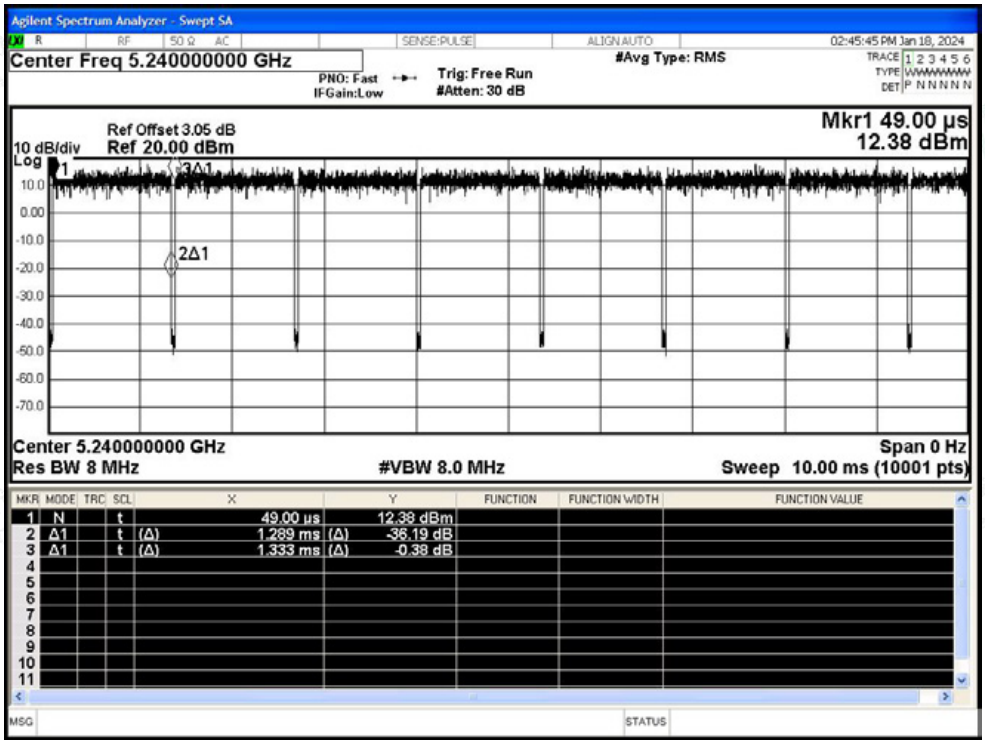
Duty Cycle NVNT n20 5180MHz Ant1



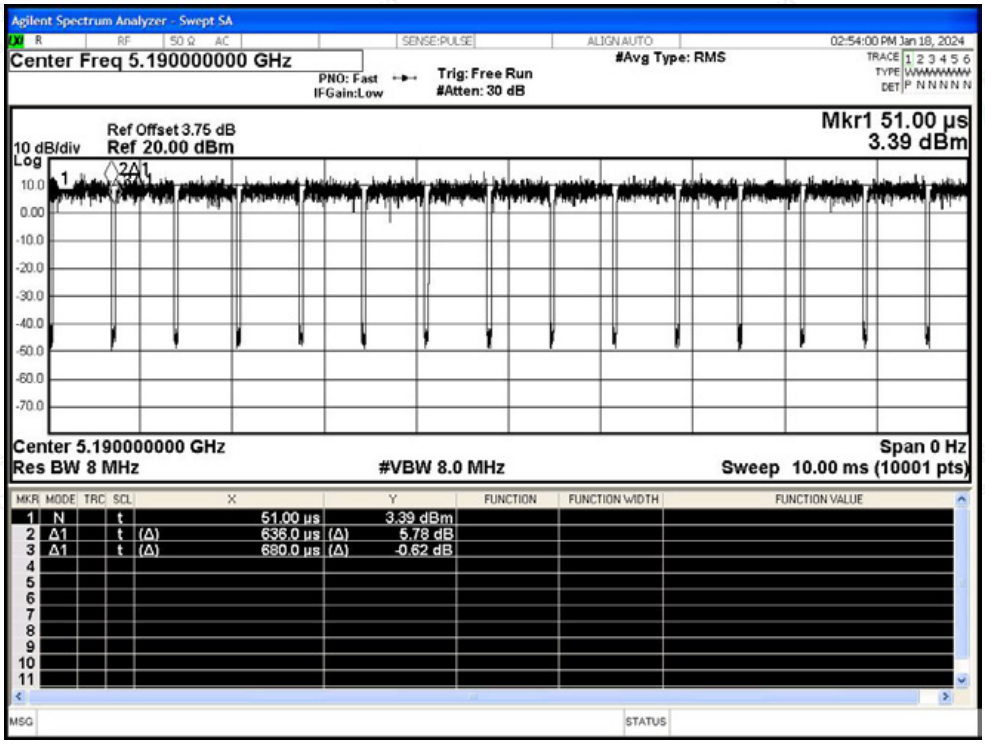
Duty Cycle NVNT n20 5200MHz Ant1



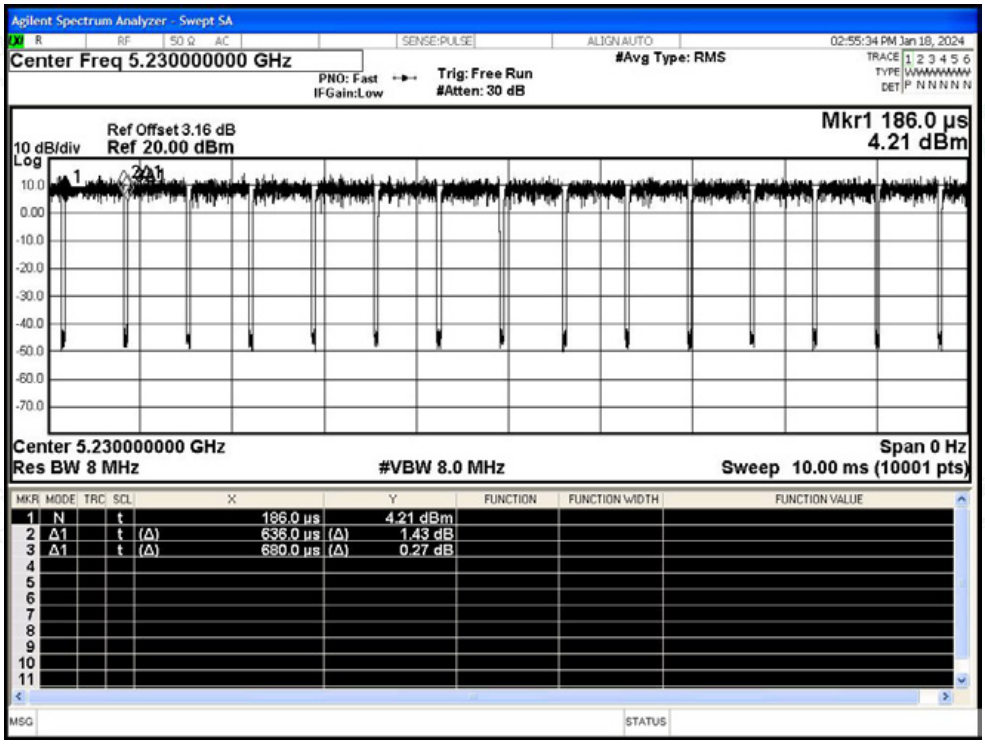
Duty Cycle NVNT n20 5240MHz Ant1



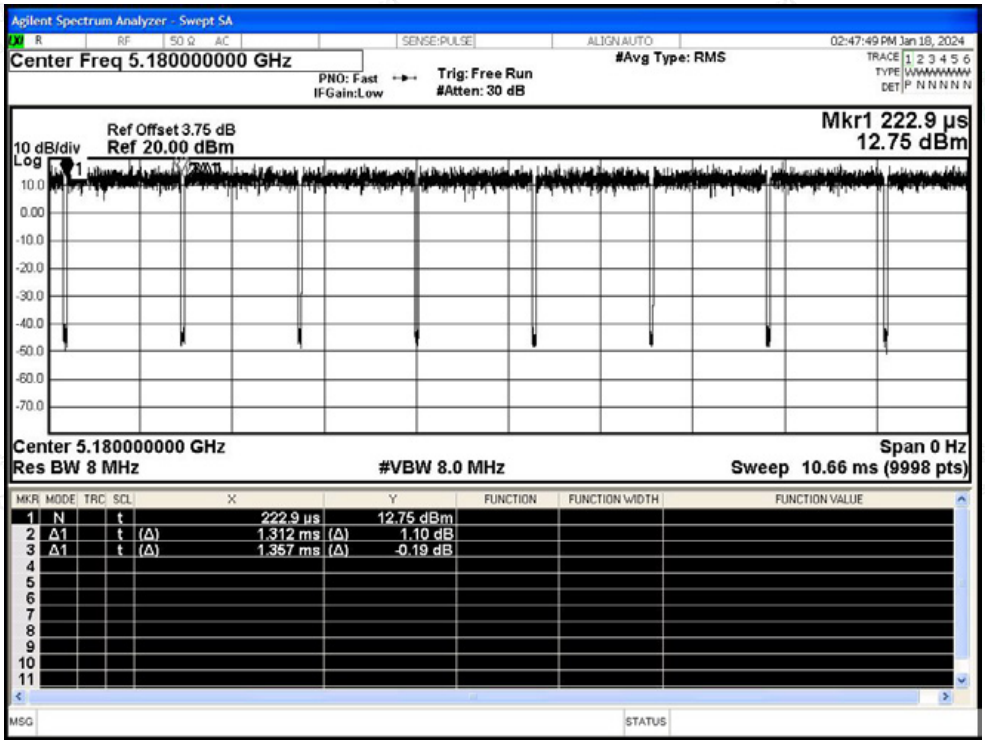
Duty Cycle NVNT n40 5190MHz Ant1



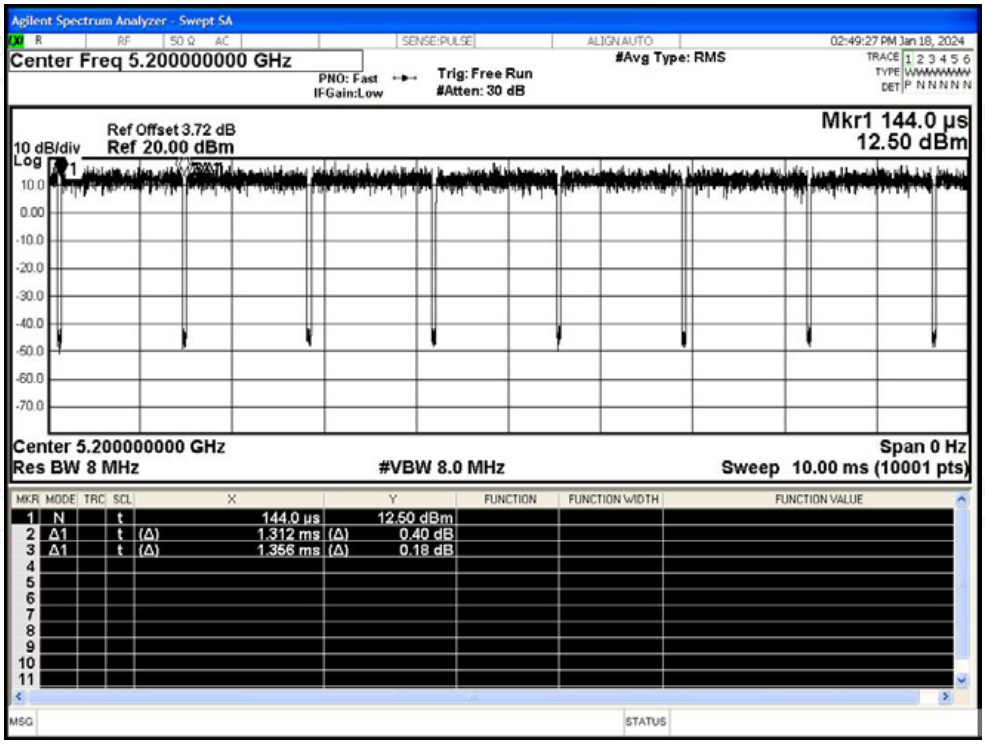
Duty Cycle NVNT n40 5230MHz Ant1



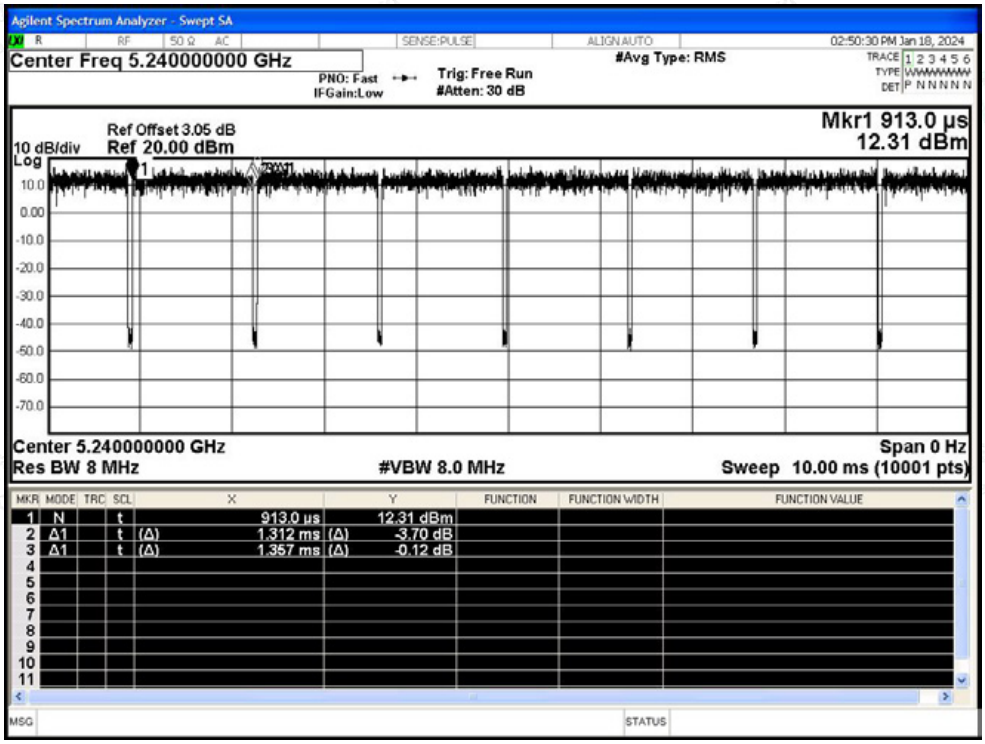
Duty Cycle NVNT ac20 5180MHz Ant1



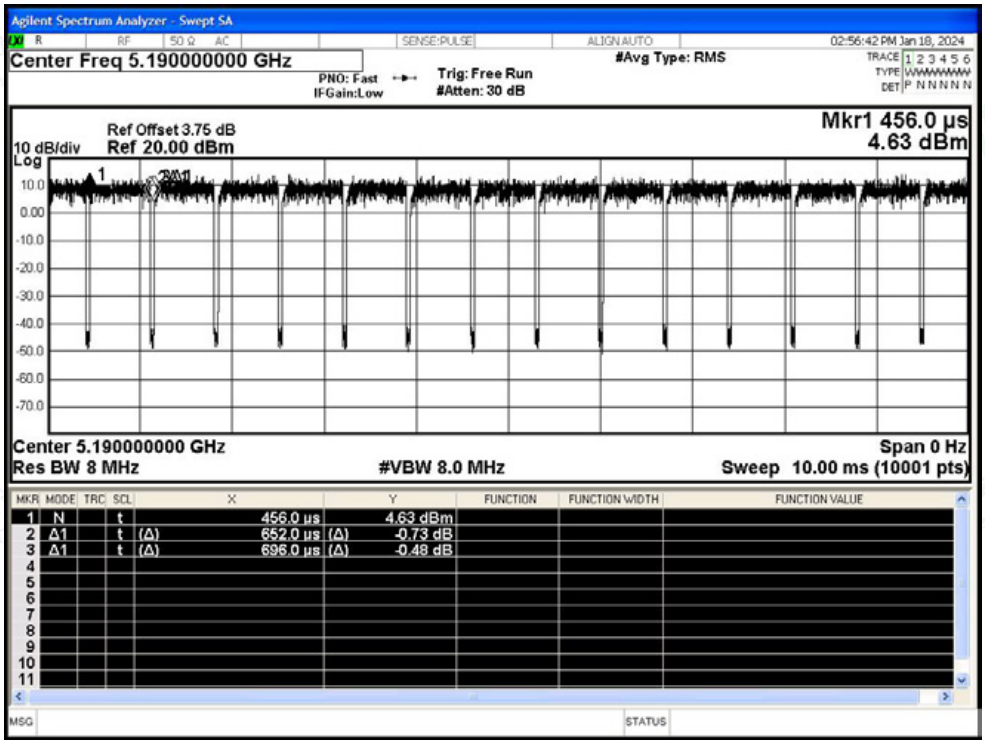
Duty Cycle NVNT ac20 5200MHz Ant1



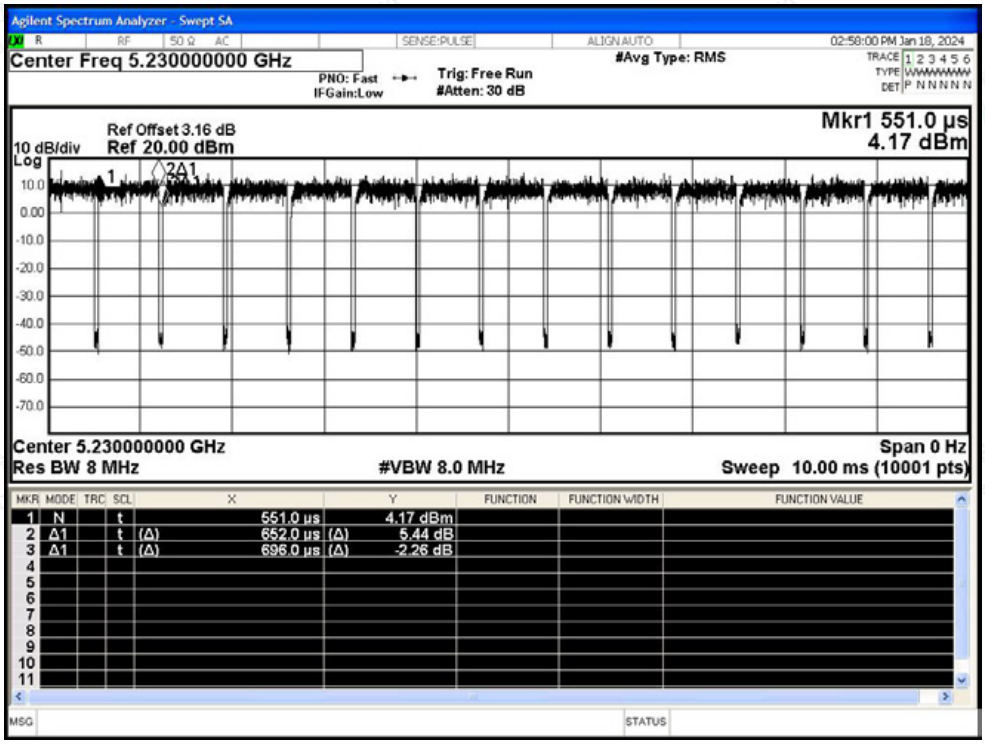
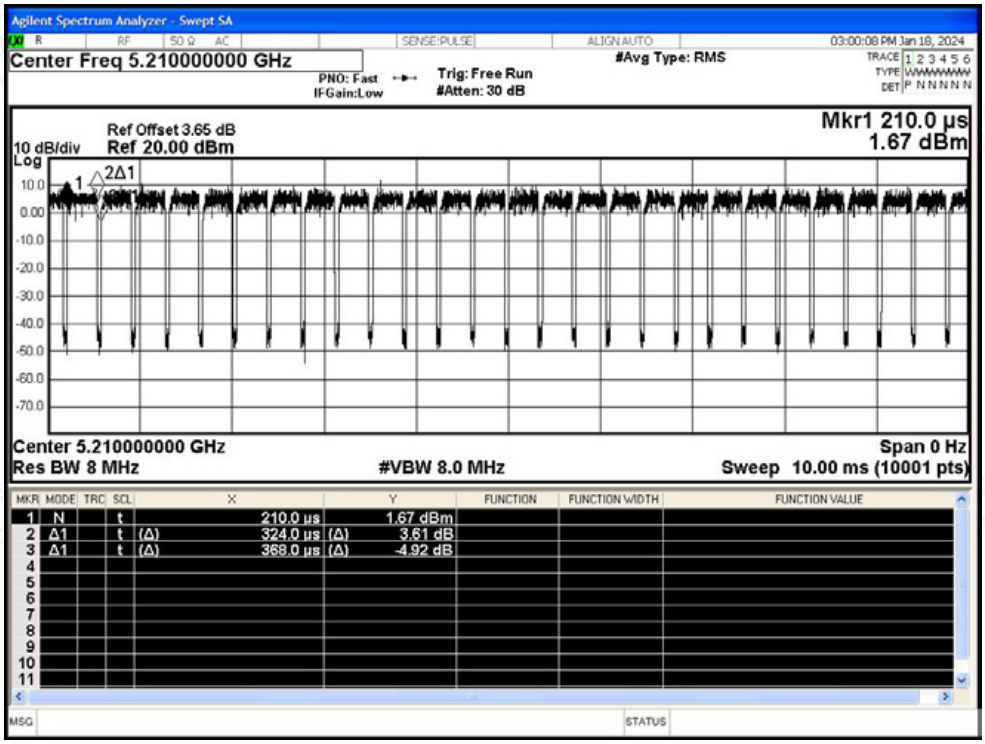
Duty Cycle NVNT ac20 5240MHz Ant1



Duty Cycle NVNT ac40 5190MHz Ant1



Duty Cycle NVNT ac40 5230MHz Ant1



Duty Cycle NVNT ac80 5210MHz Ant1