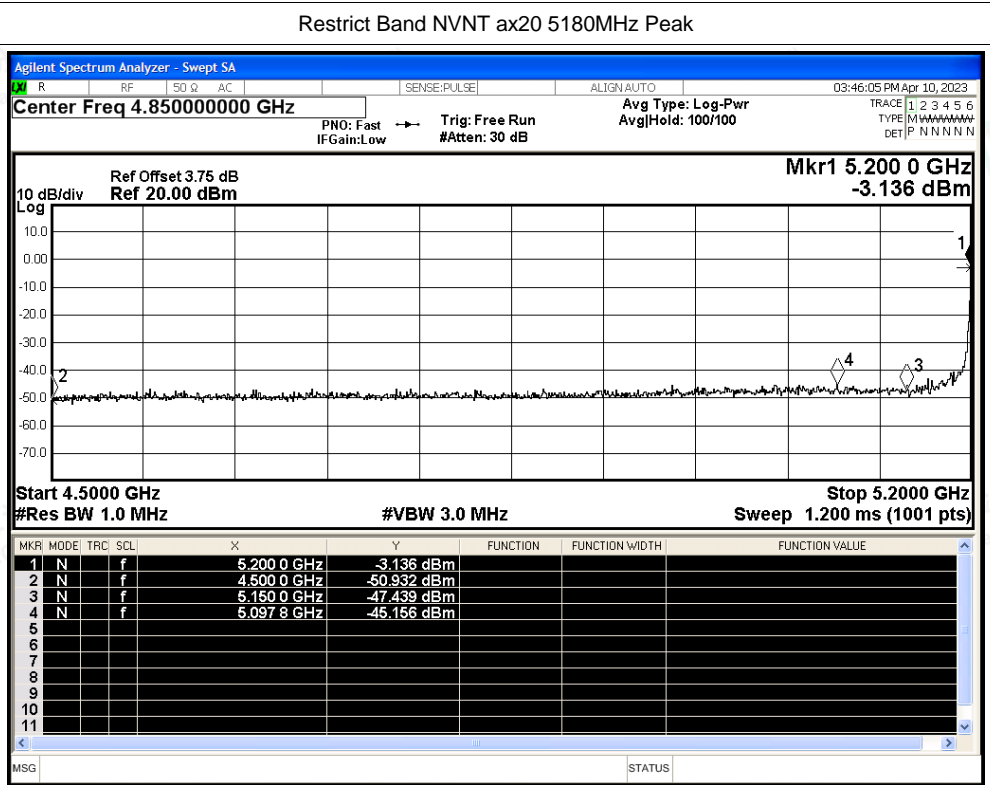
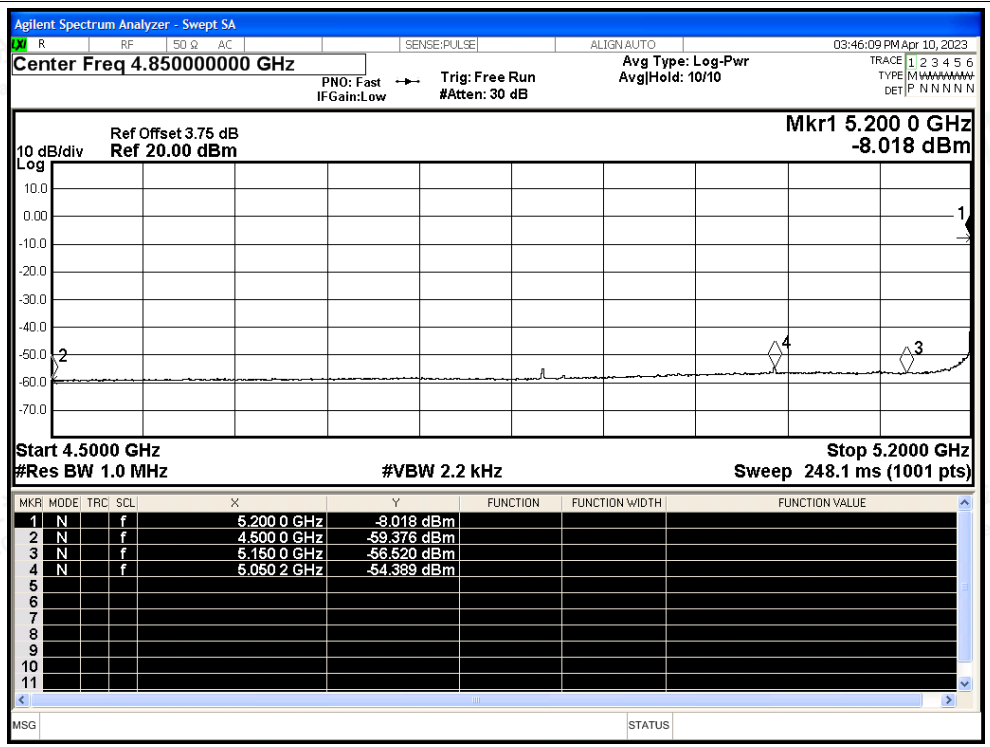




Restrict Band NVNT ax20 5180MHz Peak

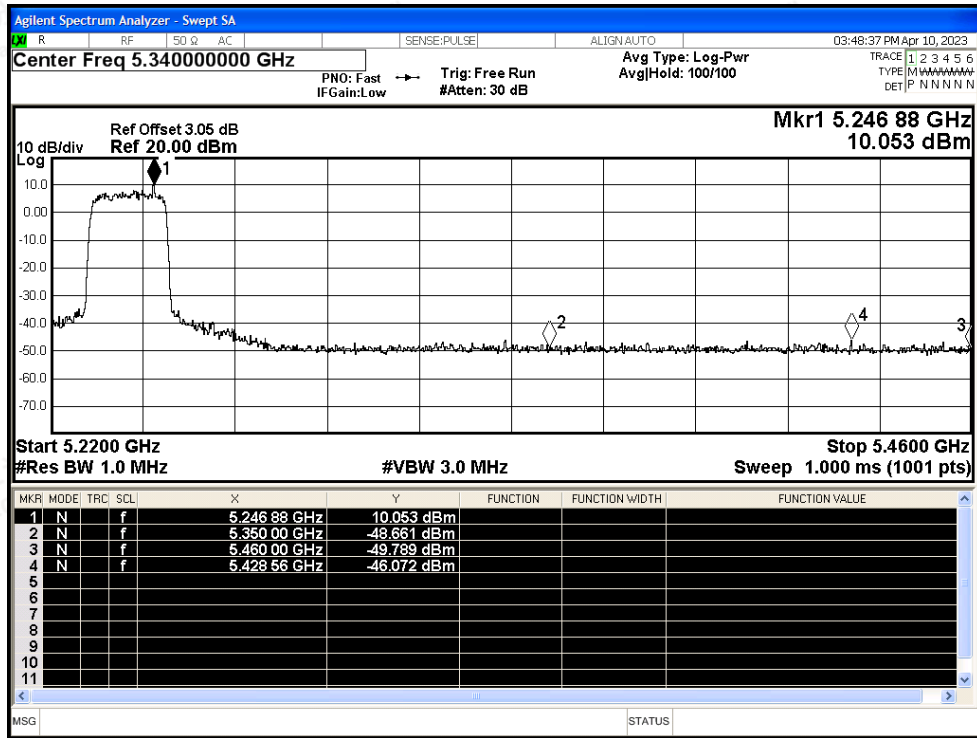


Restrict Band NVNT ax20 5180MHz Average

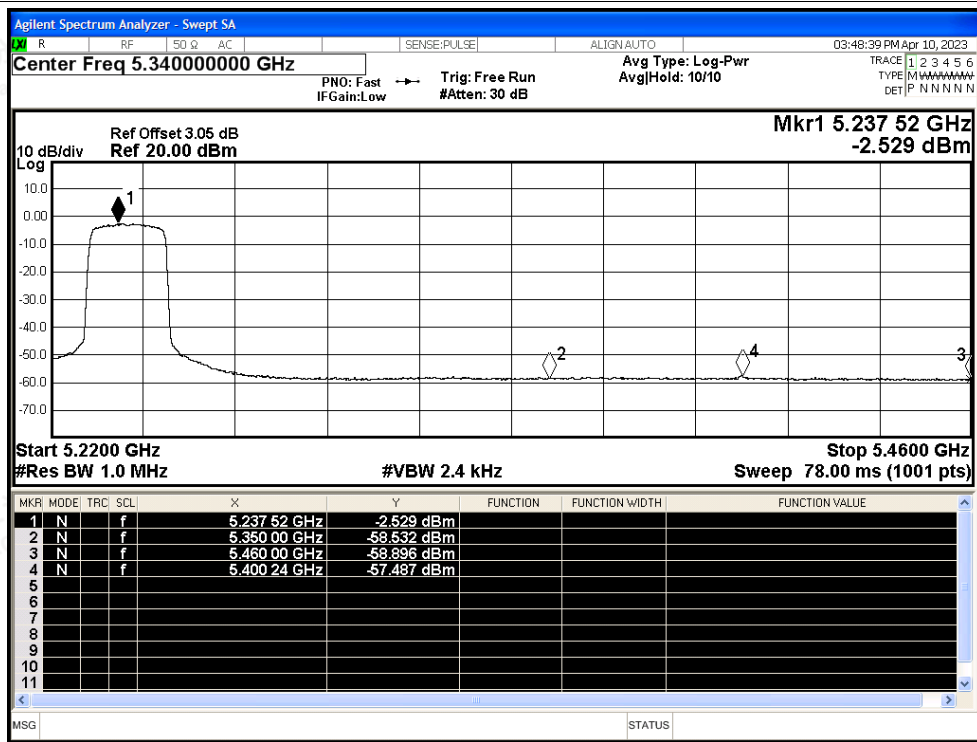




Restrict Band NVNT ax20 5240MHz Peak

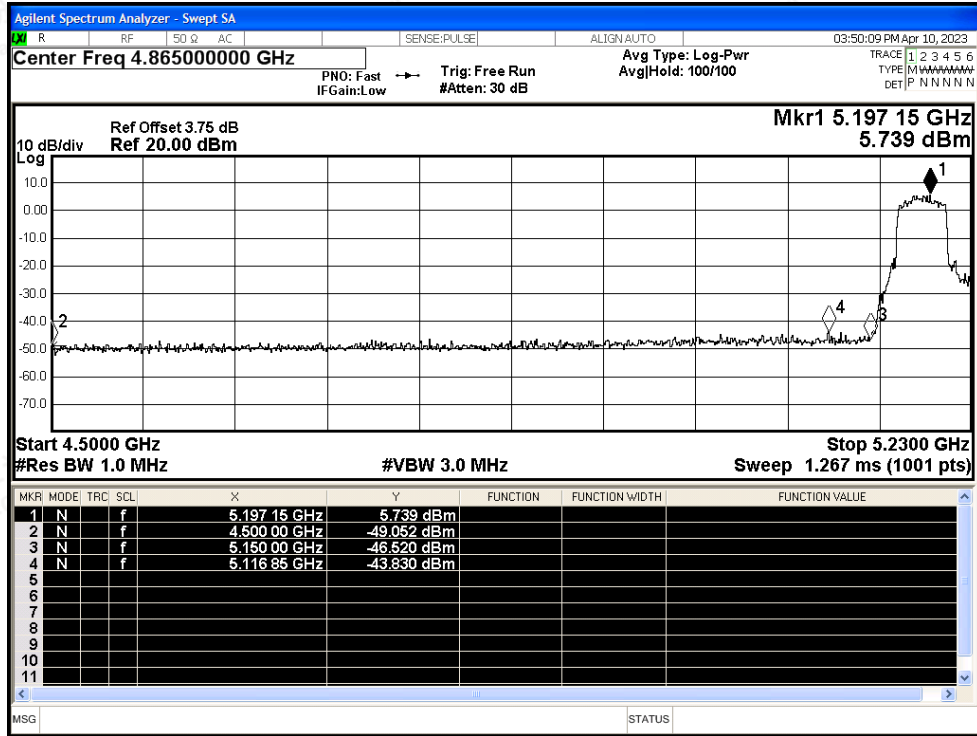


Restrict Band NVNT ax20 5240MHz Average

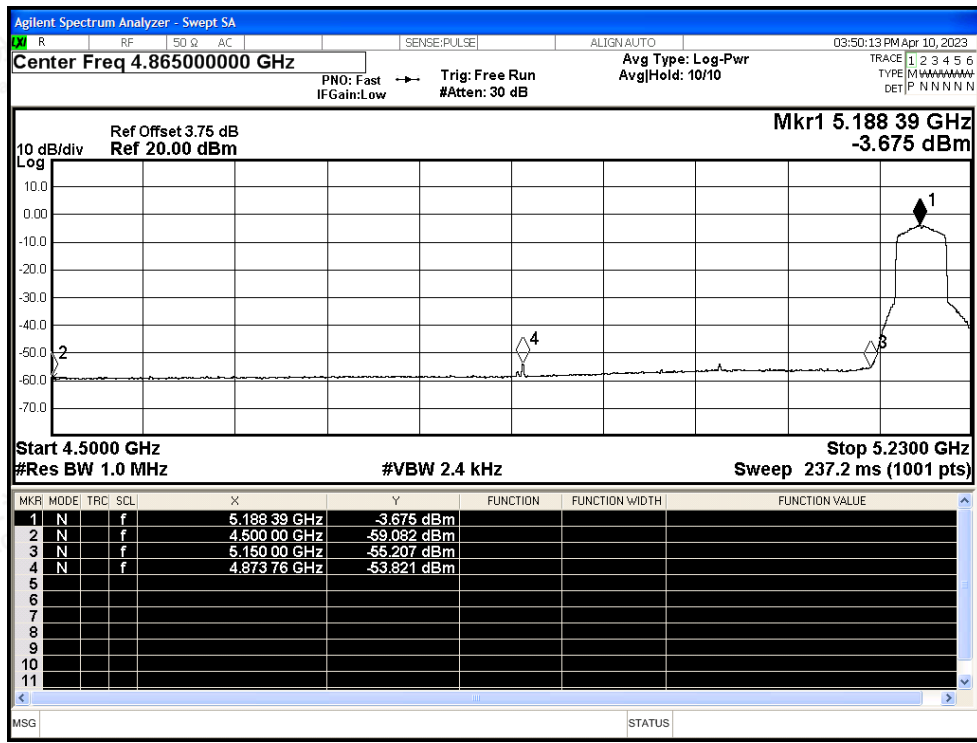




Restrict Band NVNT ax40 5190MHz Peak

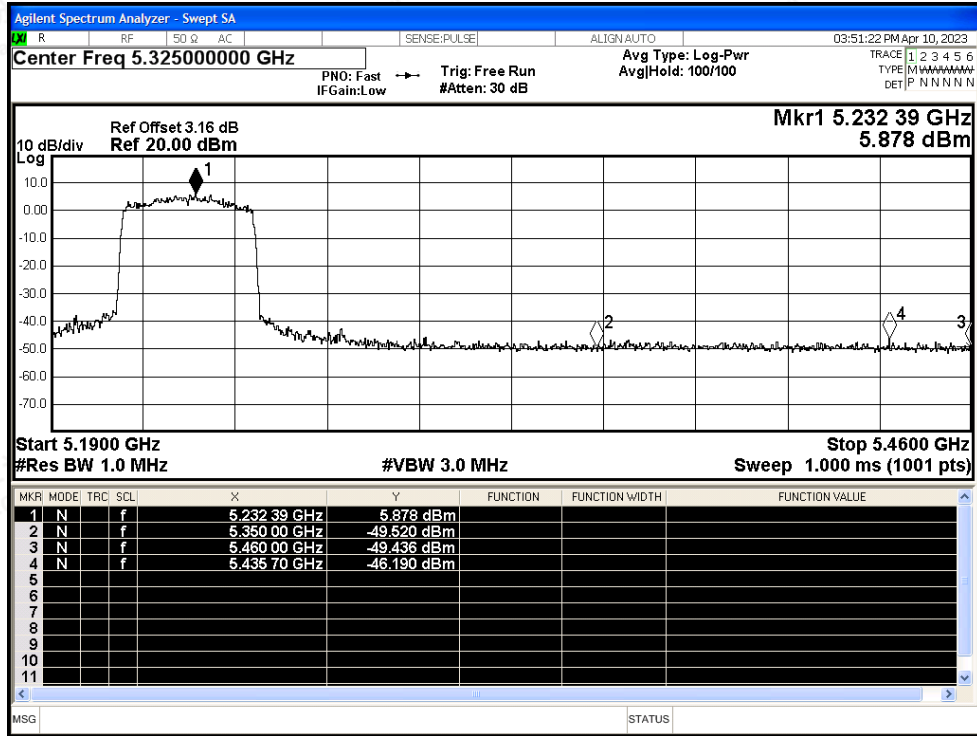


Restrict Band NVNT ax40 5190MHz Average

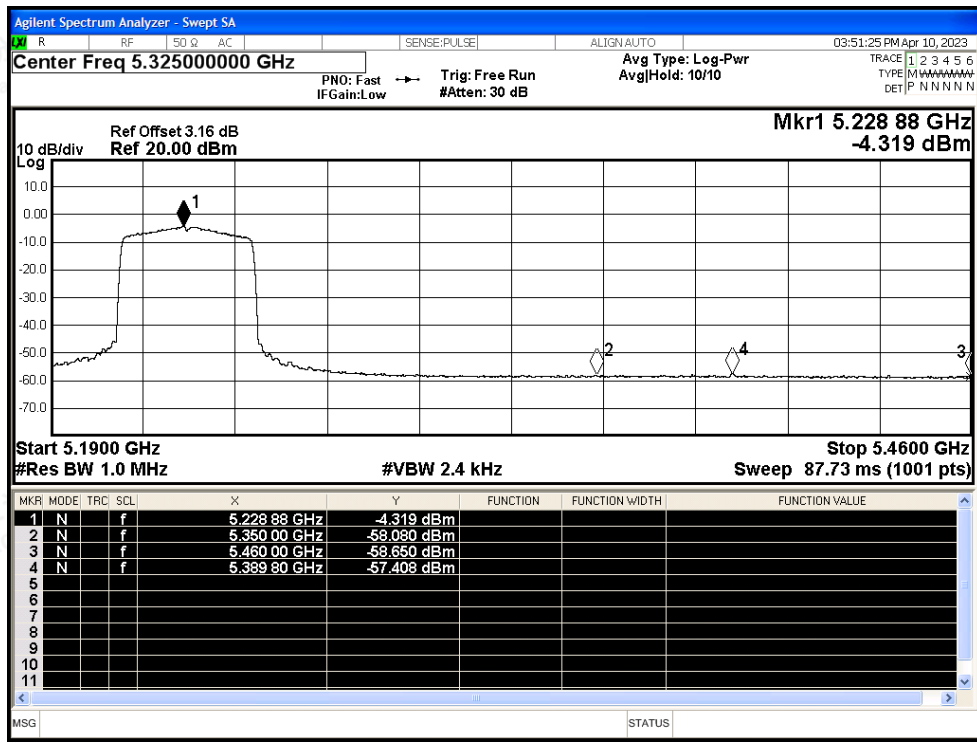




Restrict Band NVNT ax40 5230MHz Peak

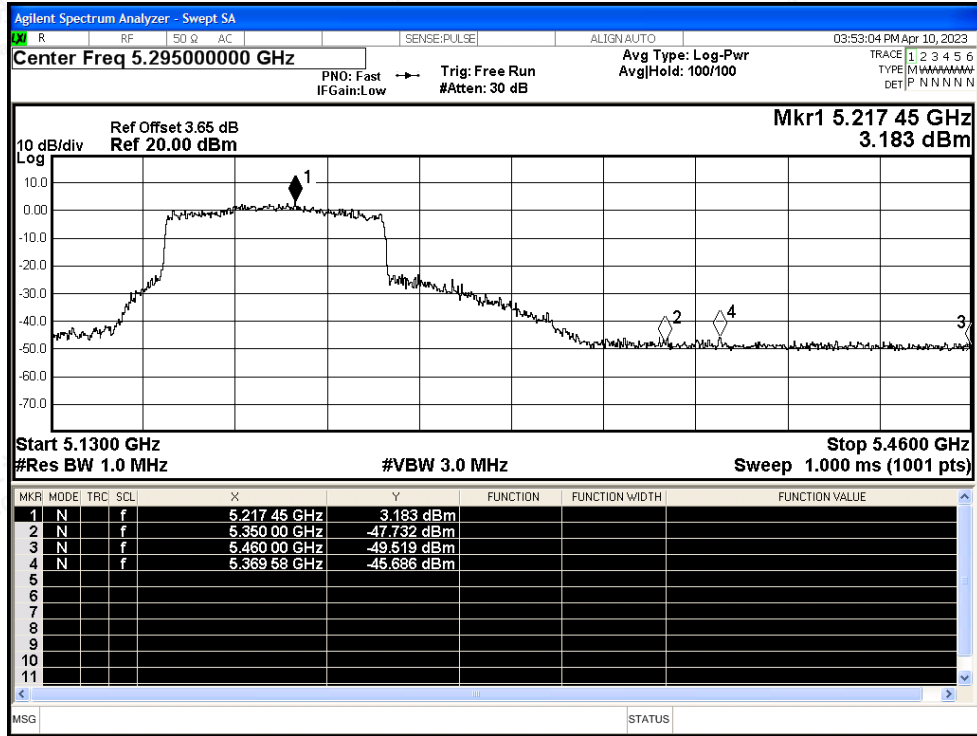


Restrict Band NVNT ax40 5230MHz Average

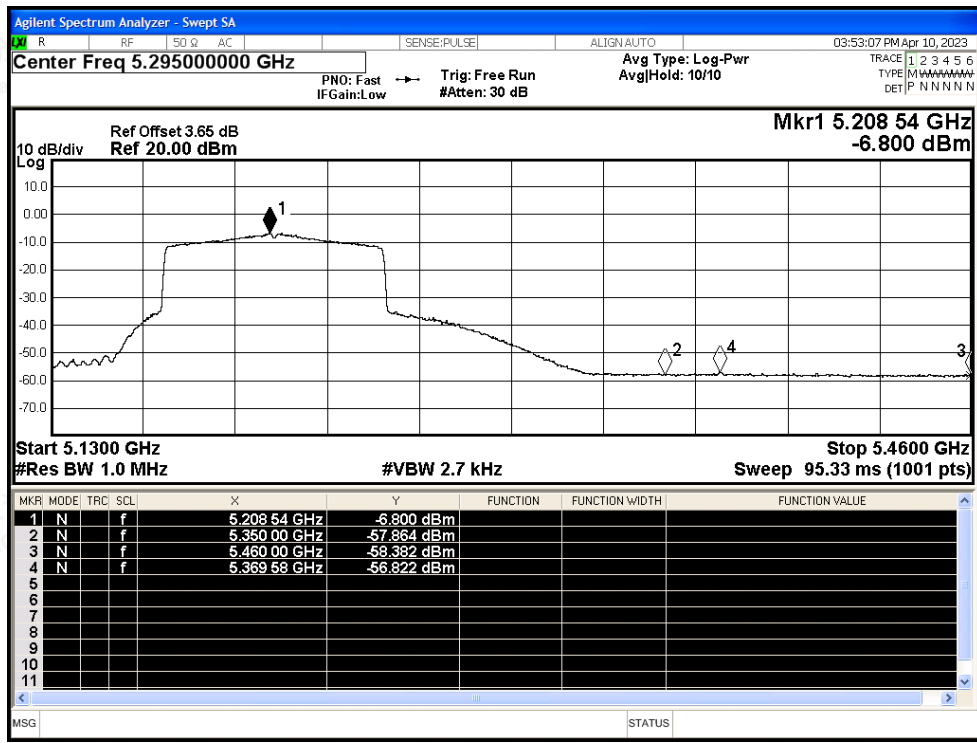




Restrict Band NVNT ax80 5210MHz Peak

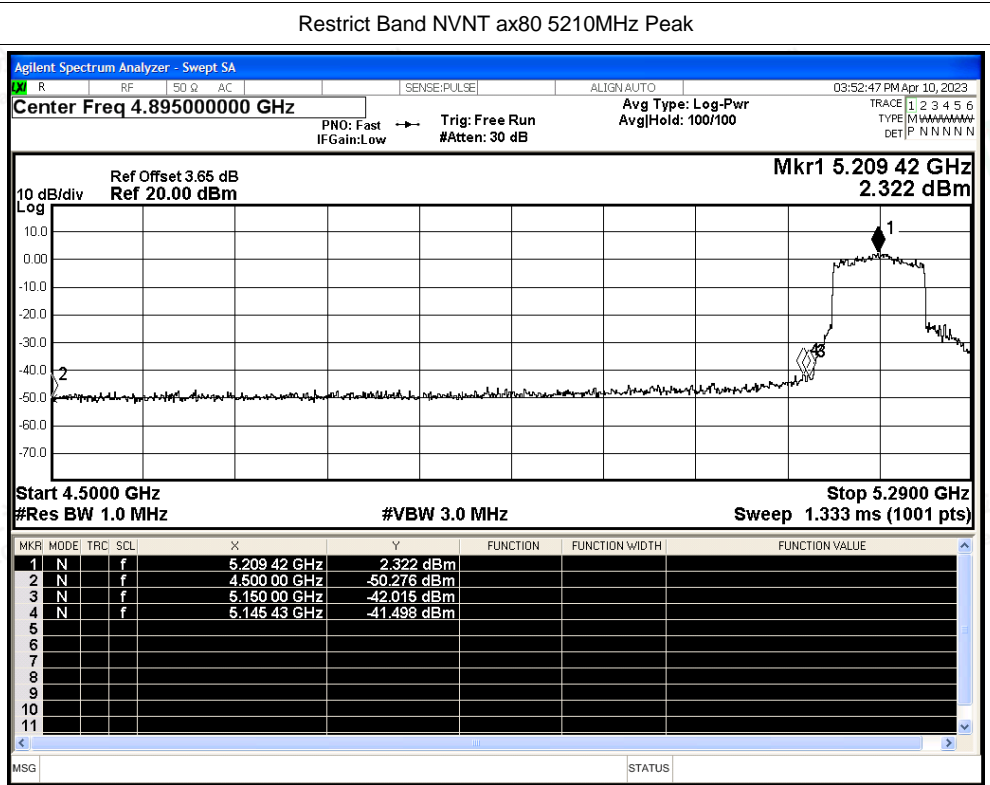


Restrict Band NVNT ax80 5210MHz Average

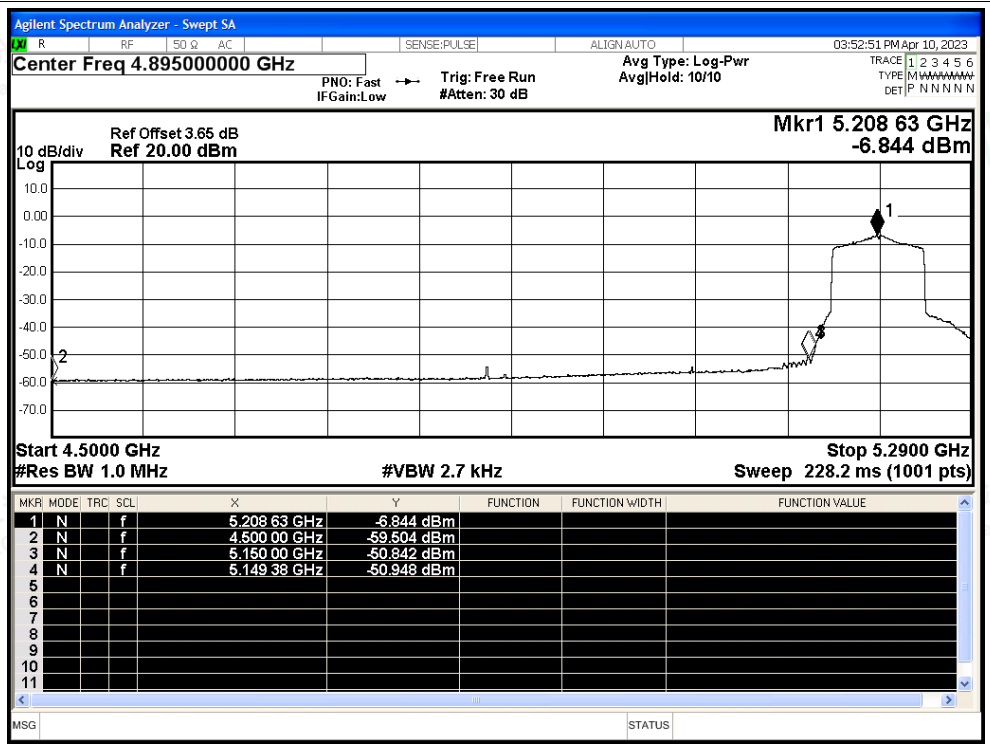


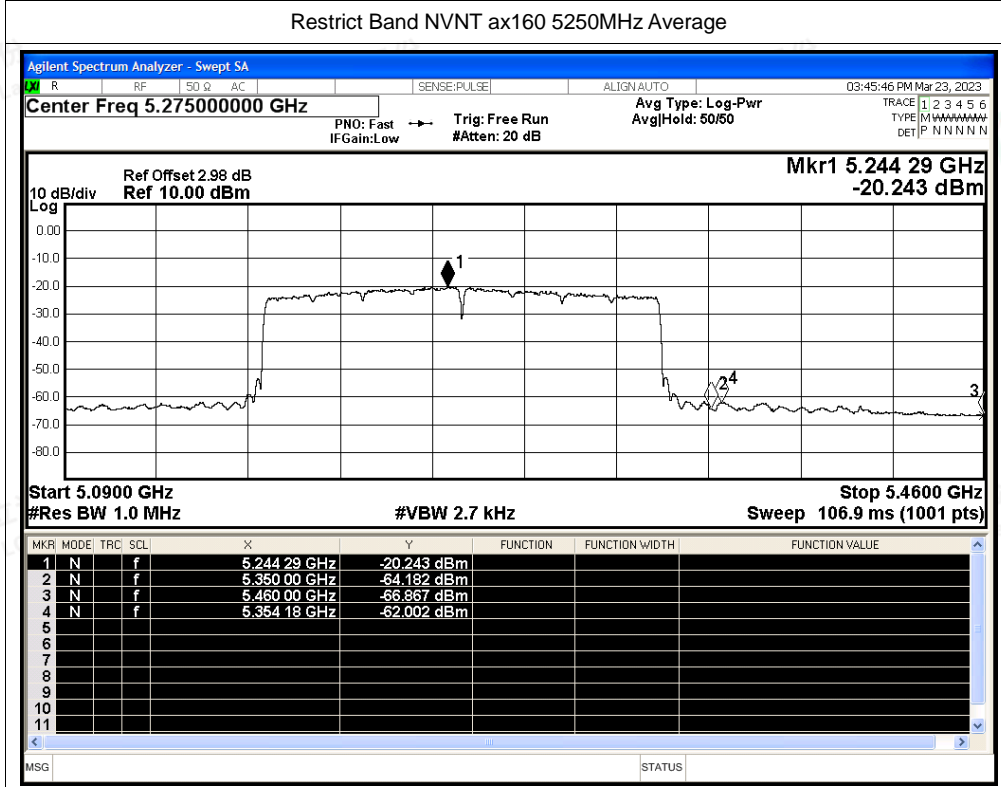
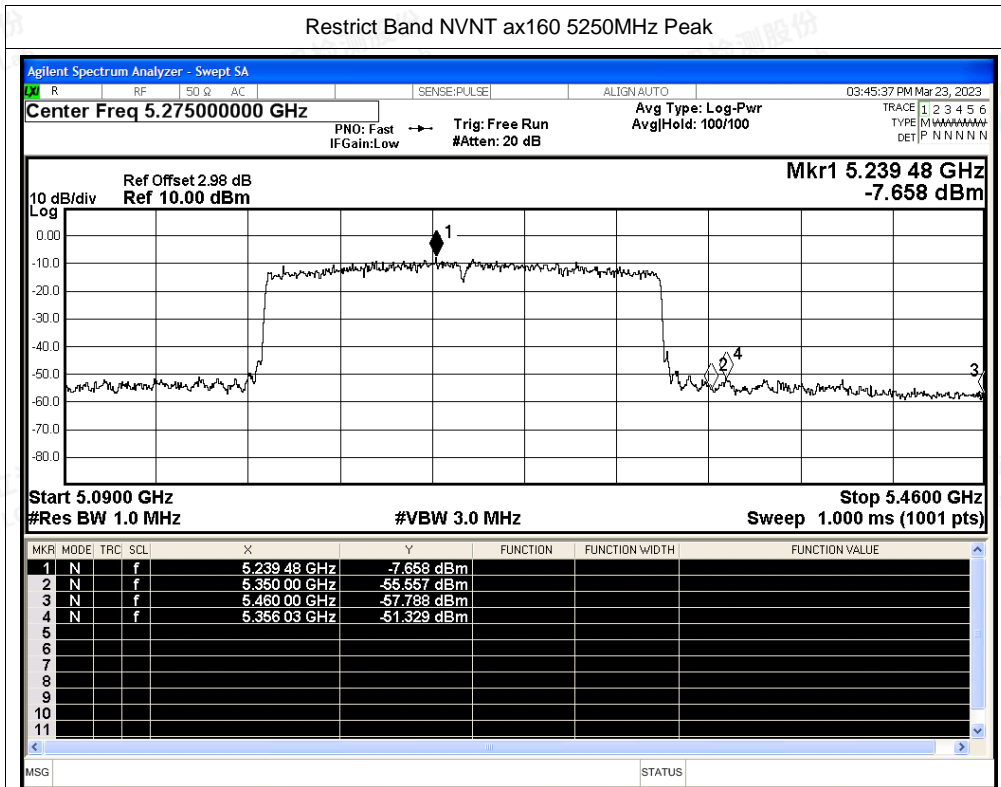


Restrict Band NVNT ax80 5210MHz Peak



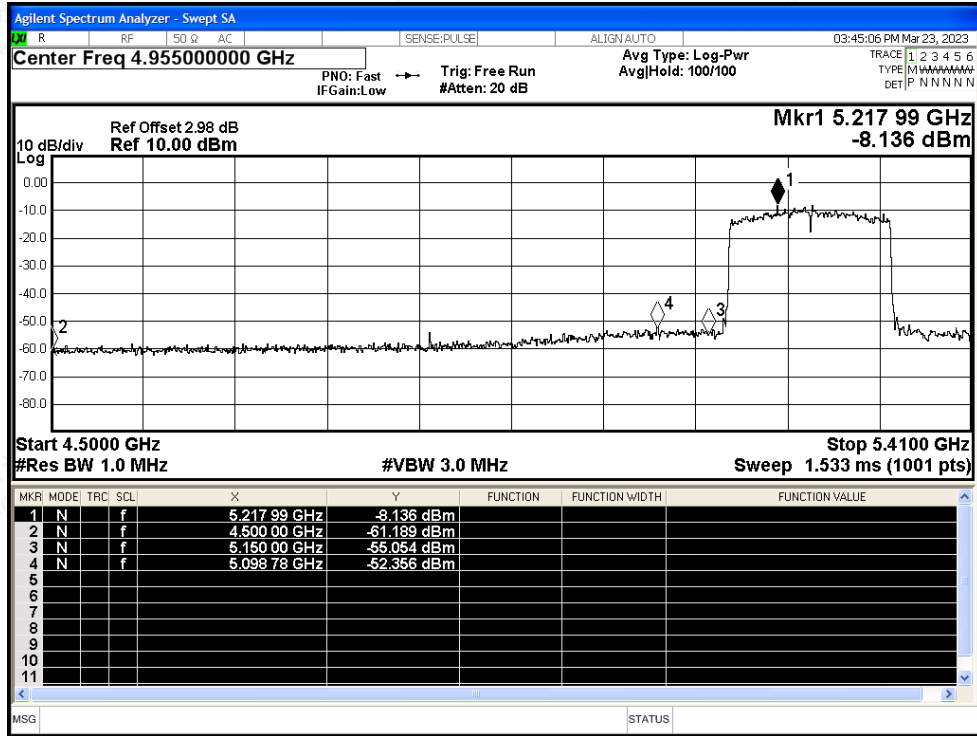
Restrict Band NVNT ax80 5210MHz Average



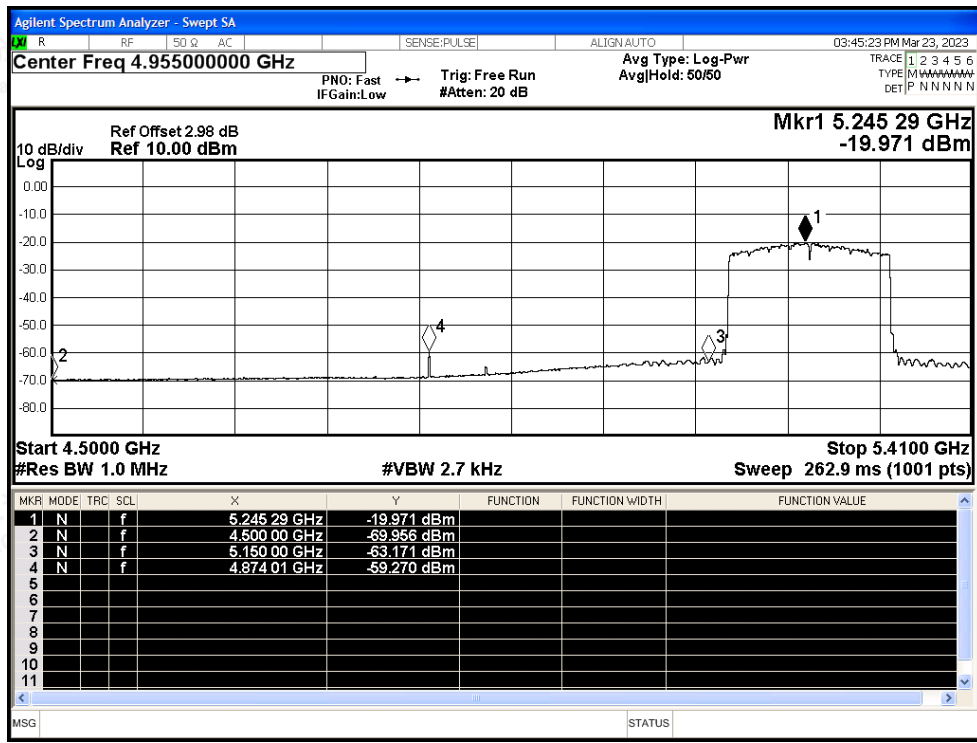




Restrict Band NVNT ax160 5250MHz Peak



Restrict Band NVNT ax160 5250MHz Average





B.5 Frequency Stability

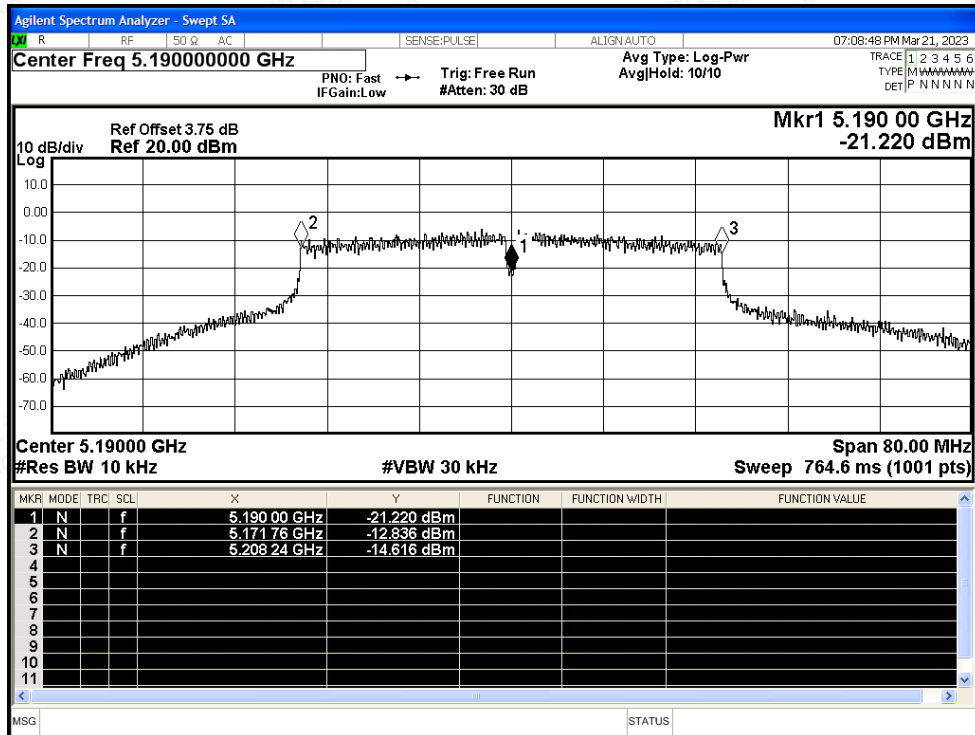
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	n40	5190	Ant0	5190	0	0	25	Pass
NVNT	n40	5230	Ant0	5230	0	0	25	Pass
NVNT	ac40	5190	Ant0	5190	0	0	25	Pass
NVNT	ac40	5230	Ant0	5230.04	40000	7.65	25	Pass
NVNT	ac80	5210	Ant0	5210	0	0	25	Pass
NVNT	ac160	5250	Ant0	5250	0	0	25	Pass
NVNT	ax20	5180	Ant0	5180	0	0	25	Pass
NVNT	ax20	5200	Ant0	5200	0	0	25	Pass
NVNT	ax20	5240	Ant0	5240	0	0	25	Pass
NVNT	ax40	5190	Ant0	5190.04	40000	7.71	25	Pass
NVNT	ax40	5230	Ant0	5230	0	0	25	Pass
NVNT	ax80	5210	Ant0	5210	0	0	25	Pass
NVNT	ax160	5250	Ant0	5250	0	0	25	Pass



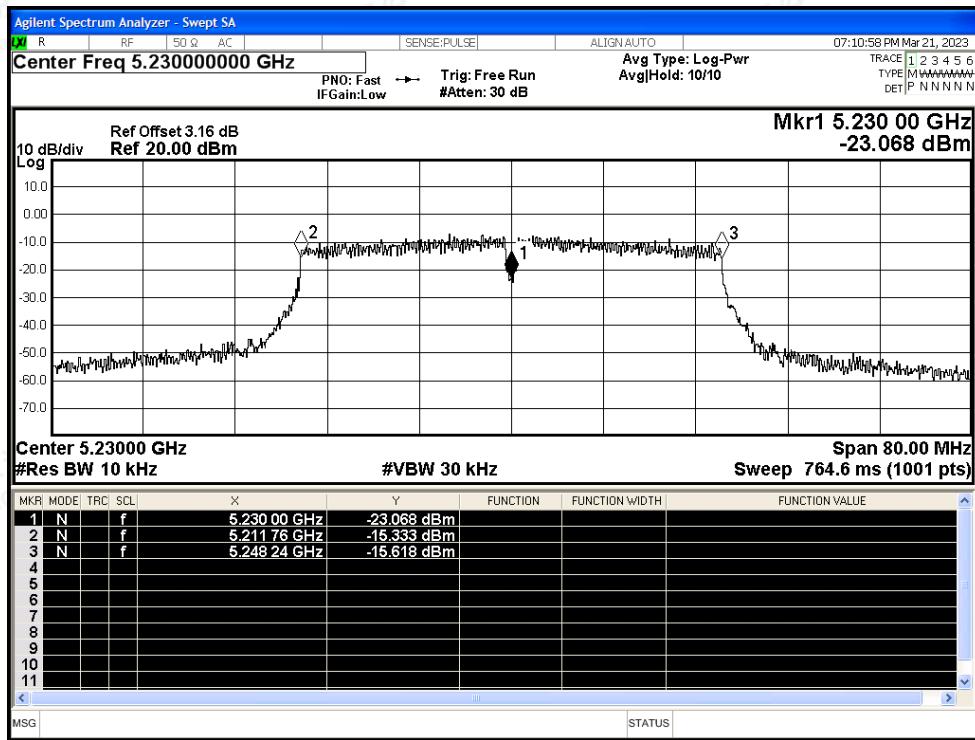


Test Graphs

Freq. Stability NVNT n40 5190MHz Ant0

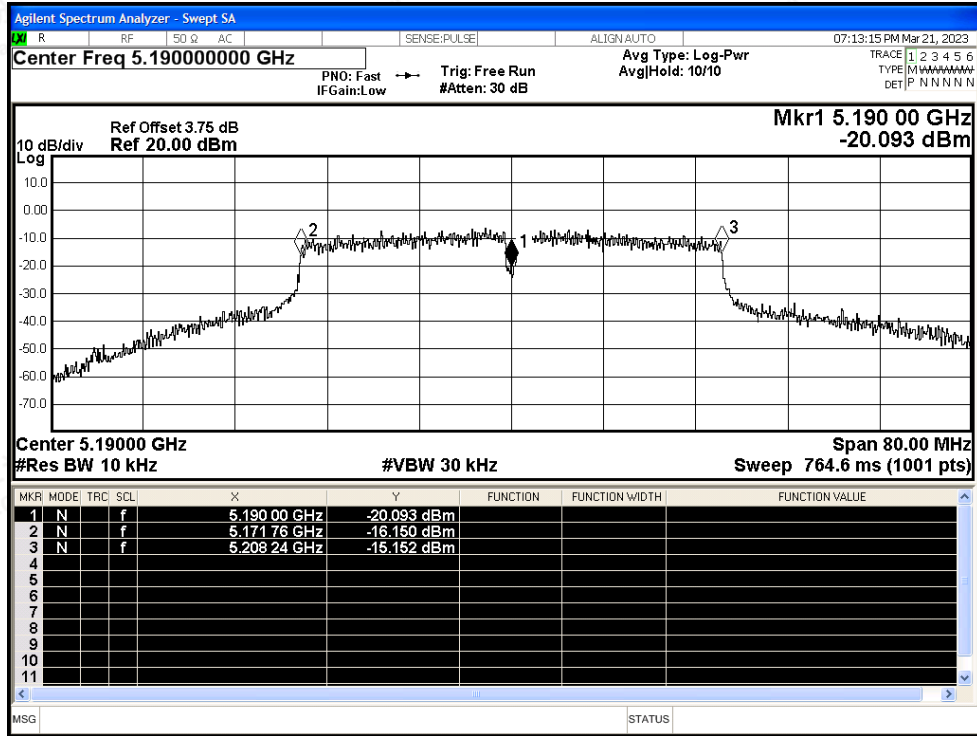


Freq. Stability NVNT n40 5230MHz Ant0

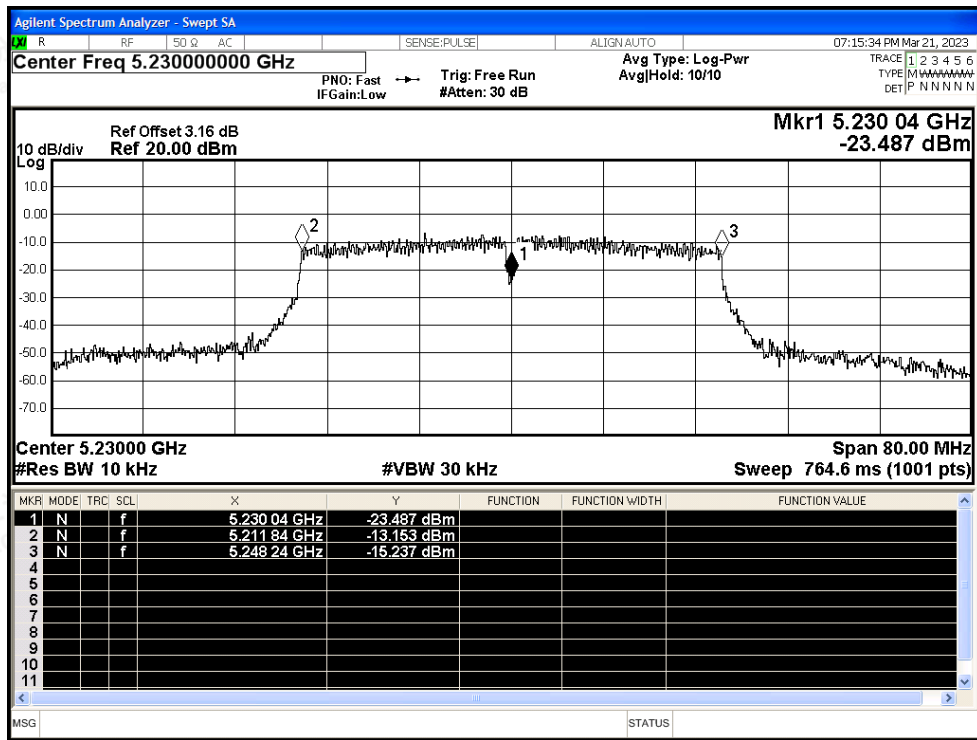




Freq. Stability NVNT ac40 5190MHz Ant0

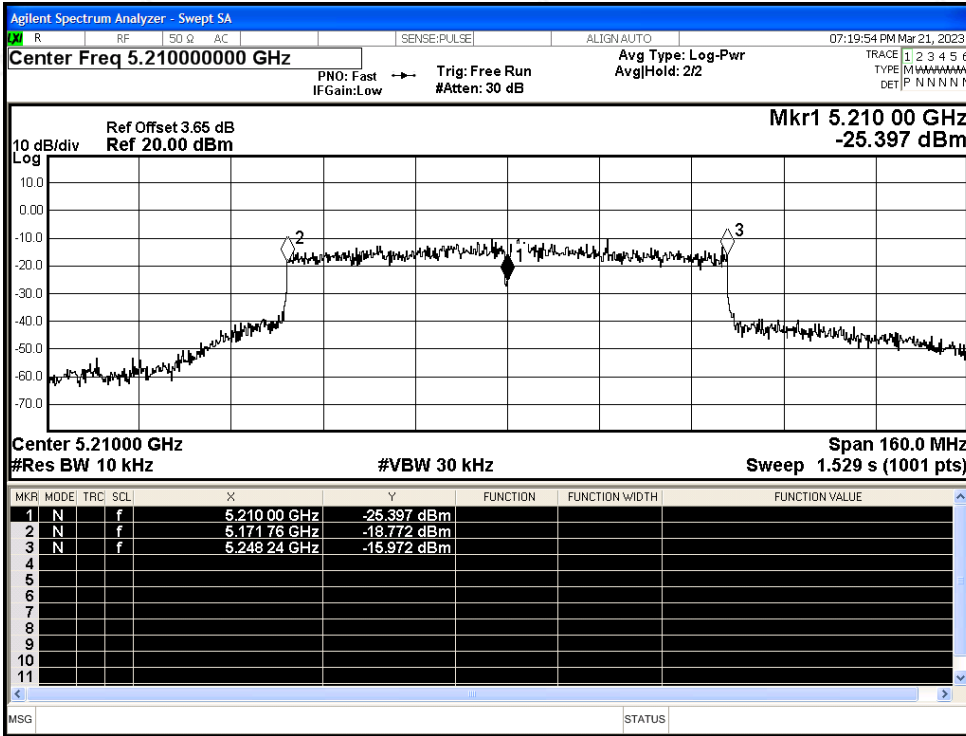


Freq. Stability NVNT ac40 5230MHz Ant0

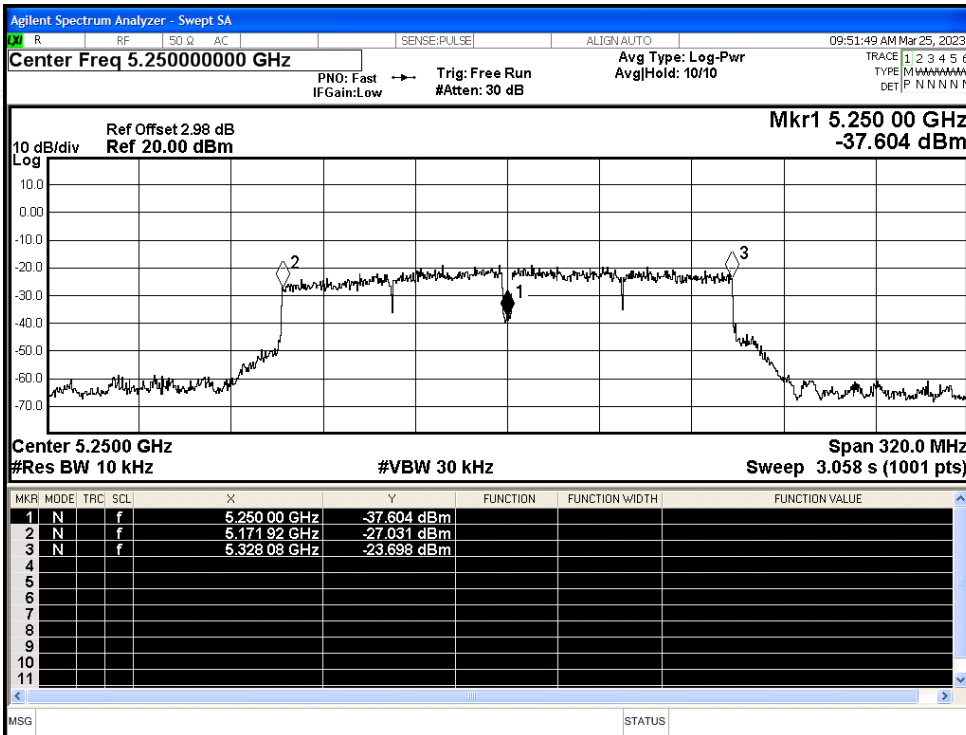




Freq. Stability NVNT ac80 5210MHz Ant0

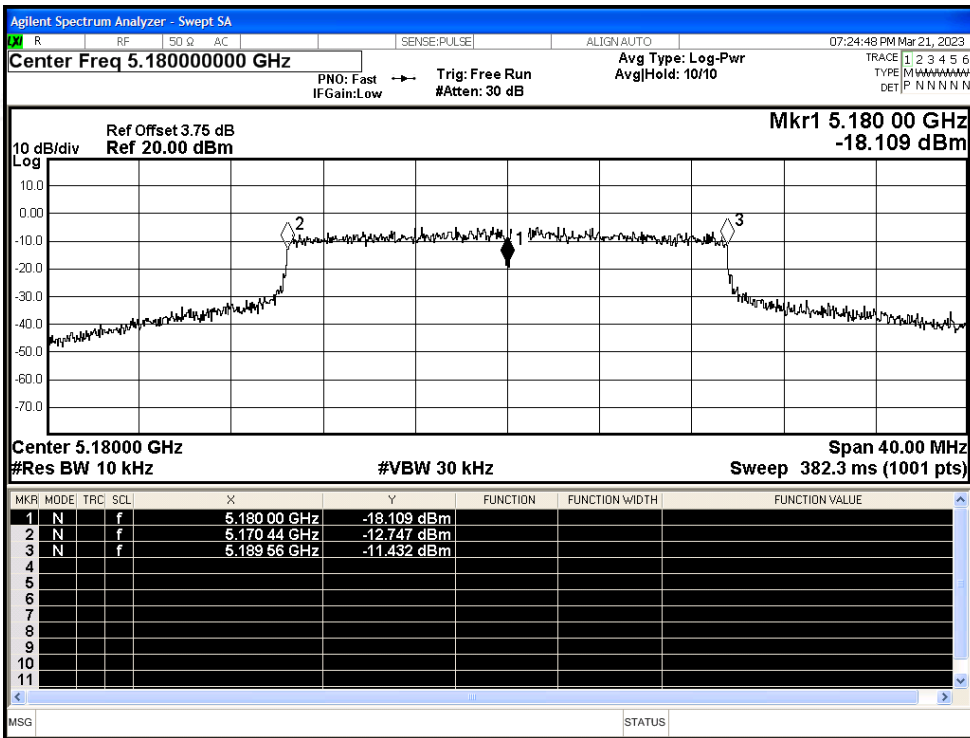


Freq. Stability NVNT ac160 5250MHz Ant0

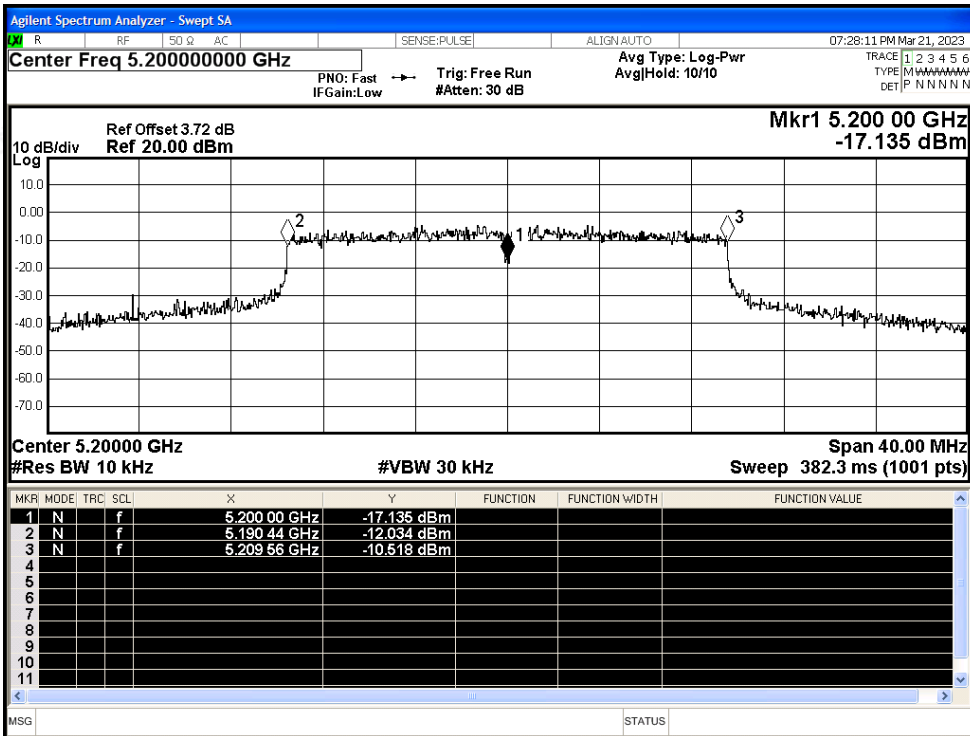


Freq. Stability NVNT ax20 5180MHz Ant0



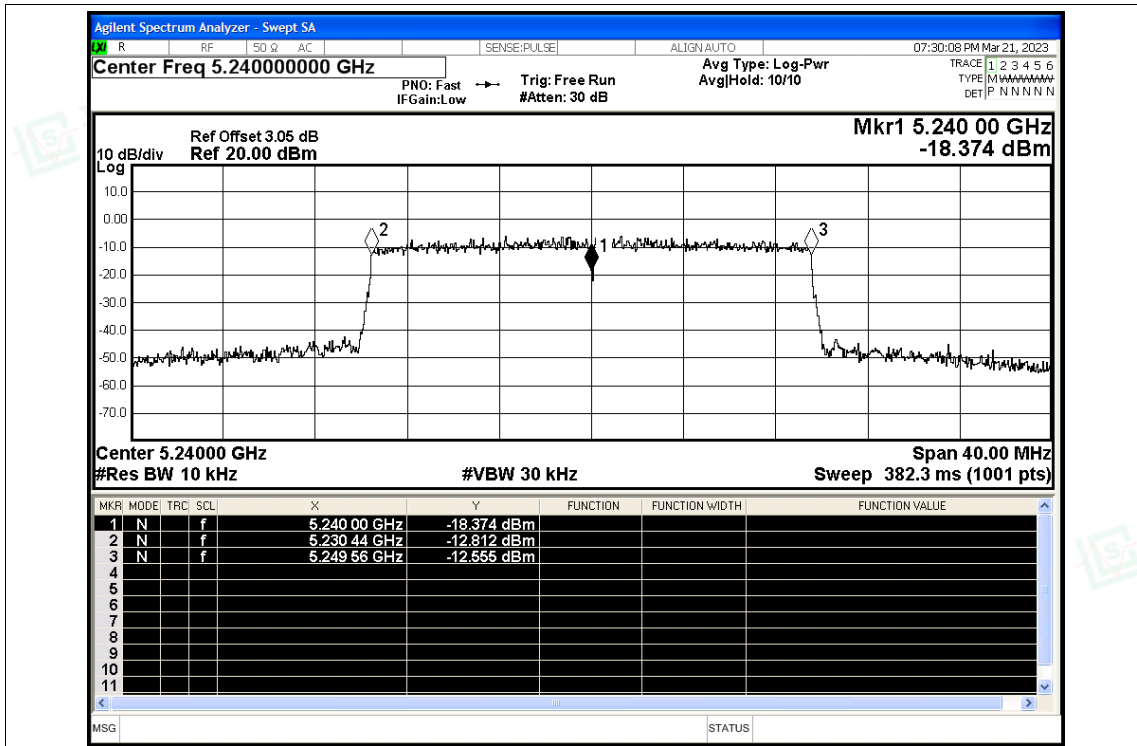


Freq. Stability NVNT ax20 5200MHz Ant0

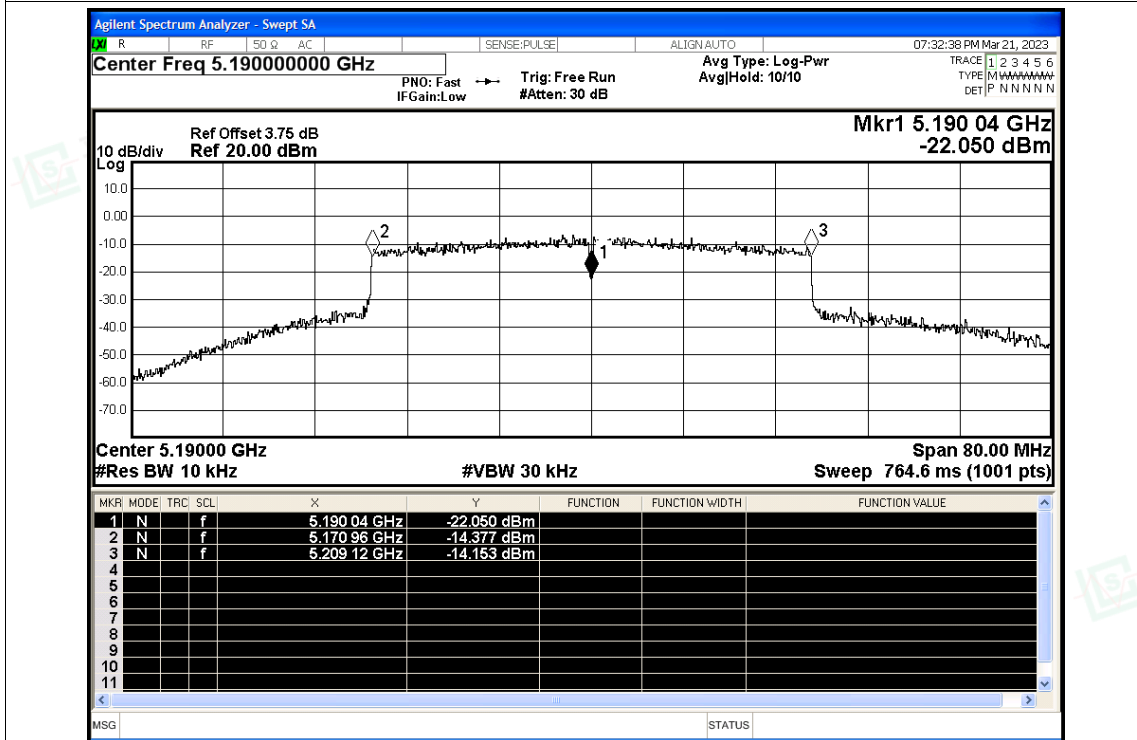


Freq. Stability NVNT ax20 5240MHz Ant0



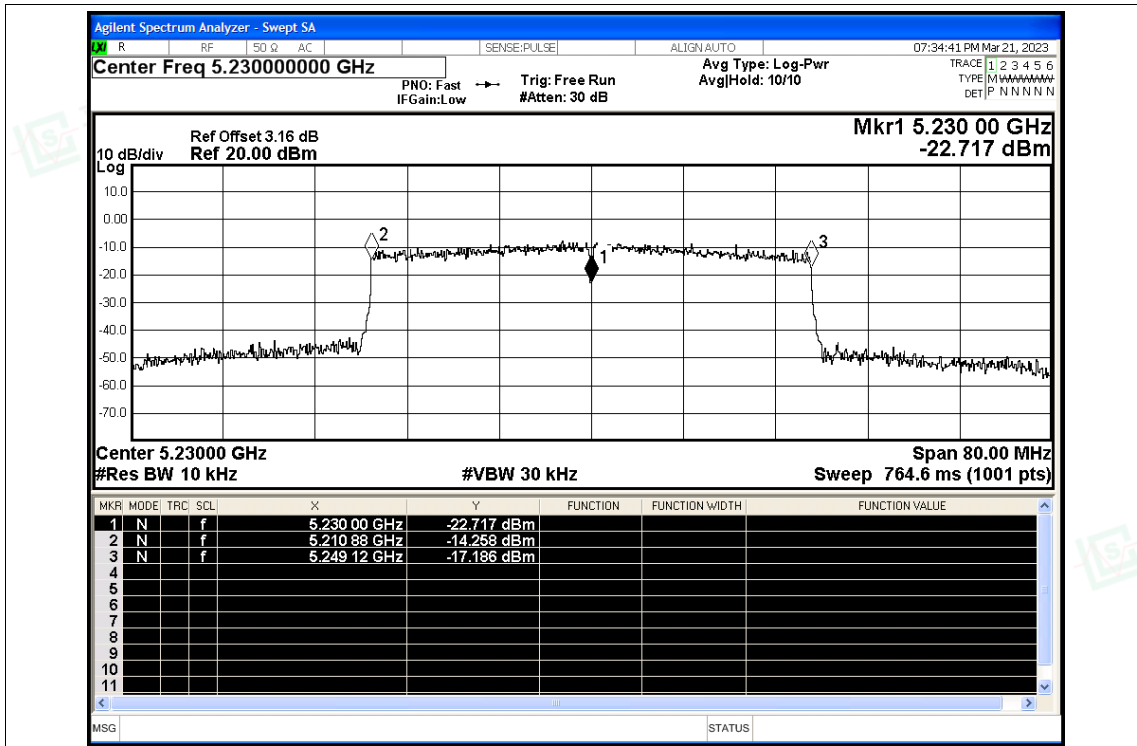


Freq. Stability NVNT ax40 5190MHz Ant0

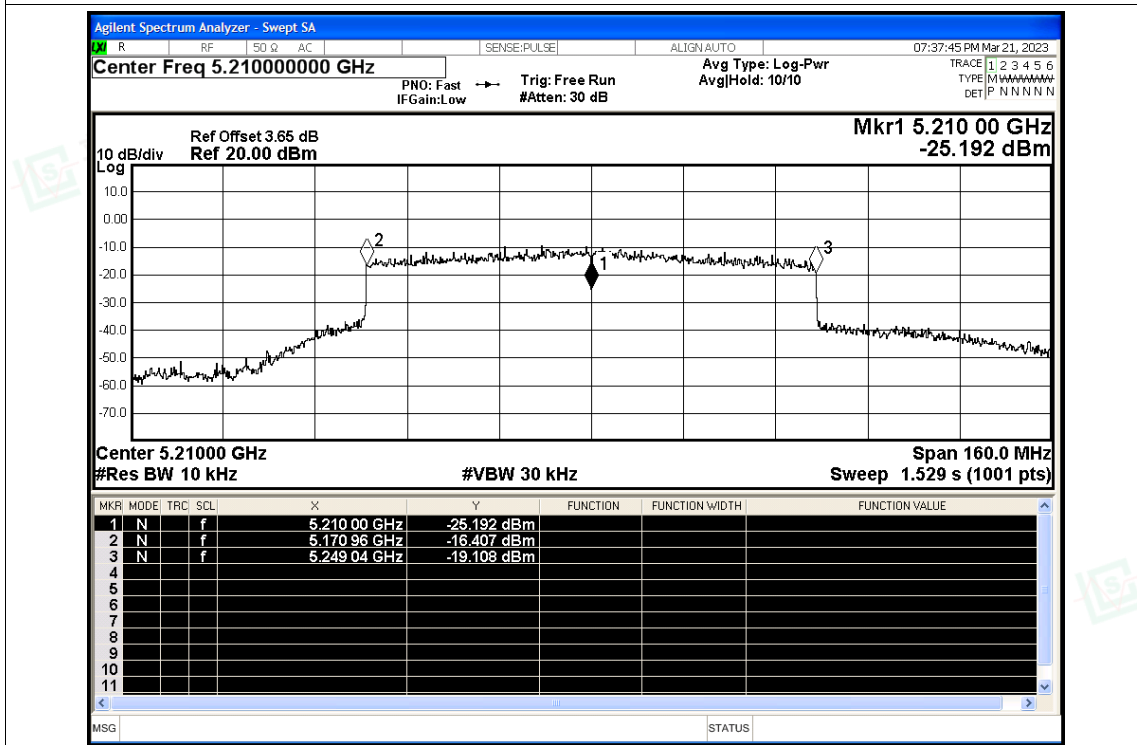


Freq. Stability NVNT ax40 5230MHz Ant0



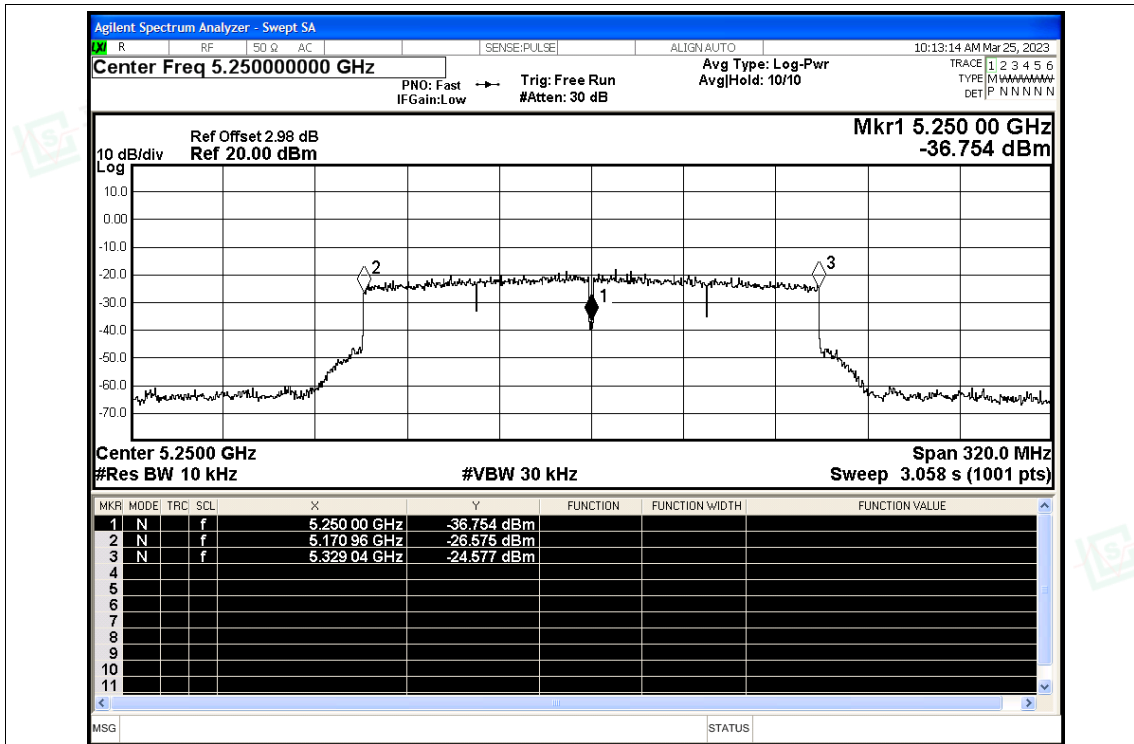


Freq. Stability NVNT ax80 5210MHz Ant0



Freq. Stability NVNT ax160 5250MHz Ant0





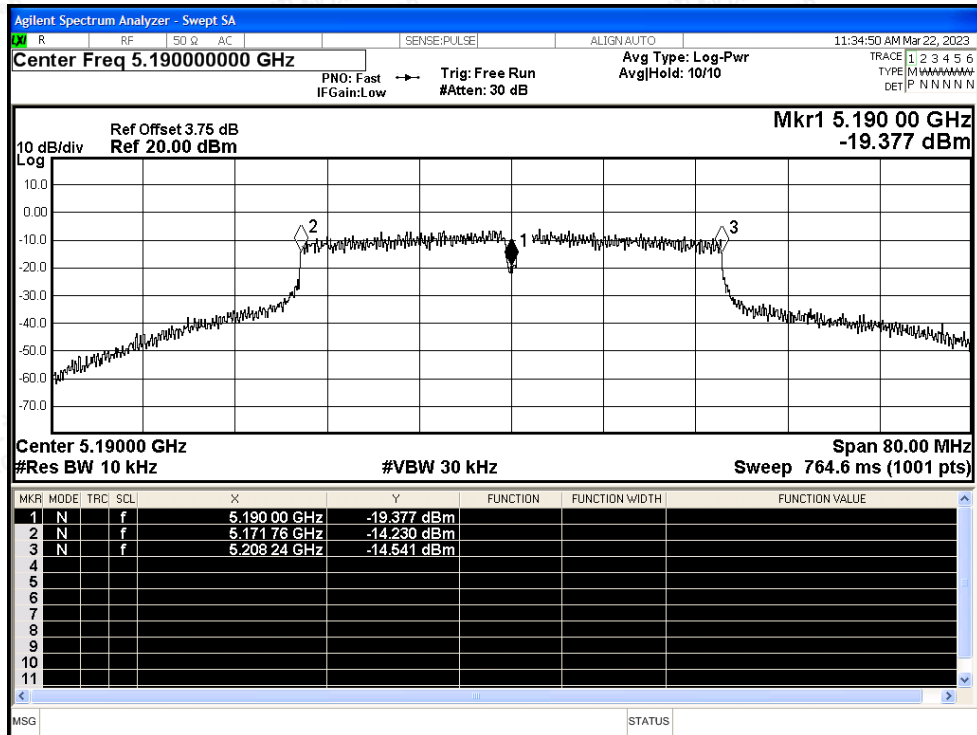
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	n40	5190	Ant1	5190	0	0	25	Pass
NVNT	n40	5230	Ant1	5230	0	0	25	Pass
NVNT	ac40	5190	Ant1	5190	0	0	25	Pass
NVNT	ac40	5230	Ant1	5230	0	0	25	Pass
NVNT	ac80	5210	Ant1	5210.08	80000	15.36	25	Pass
NVNT	ac160	5250	Ant1	5250	0	0	25	Pass
NVNT	ax20	5180	Ant1	5180	0	0	25	Pass
NVNT	ax20	5200	Ant1	5200.02	20000	3.85	25	Pass
NVNT	ax20	5240	Ant1	5240	0	0	25	Pass
NVNT	ax40	5190	Ant1	5190	0	0	25	Pass
NVNT	ax40	5230	Ant1	5230	0	0	25	Pass
NVNT	ax80	5210	Ant1	5210	0	0	25	Pass
NVNT	ax160	5250	Ant1	5250	0	0	25	Pass



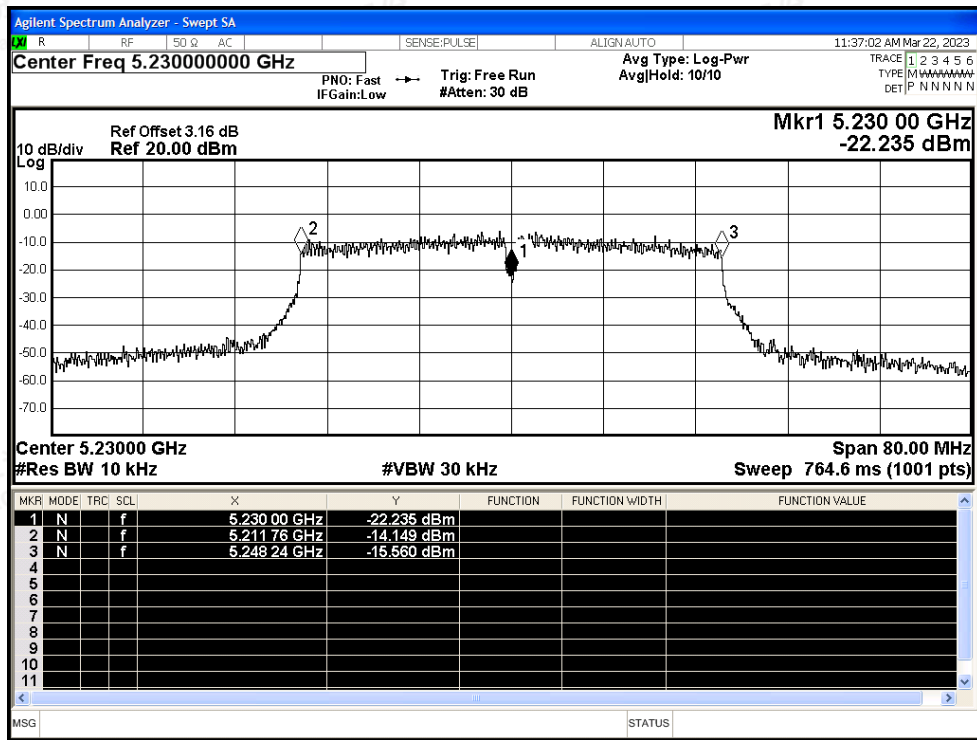


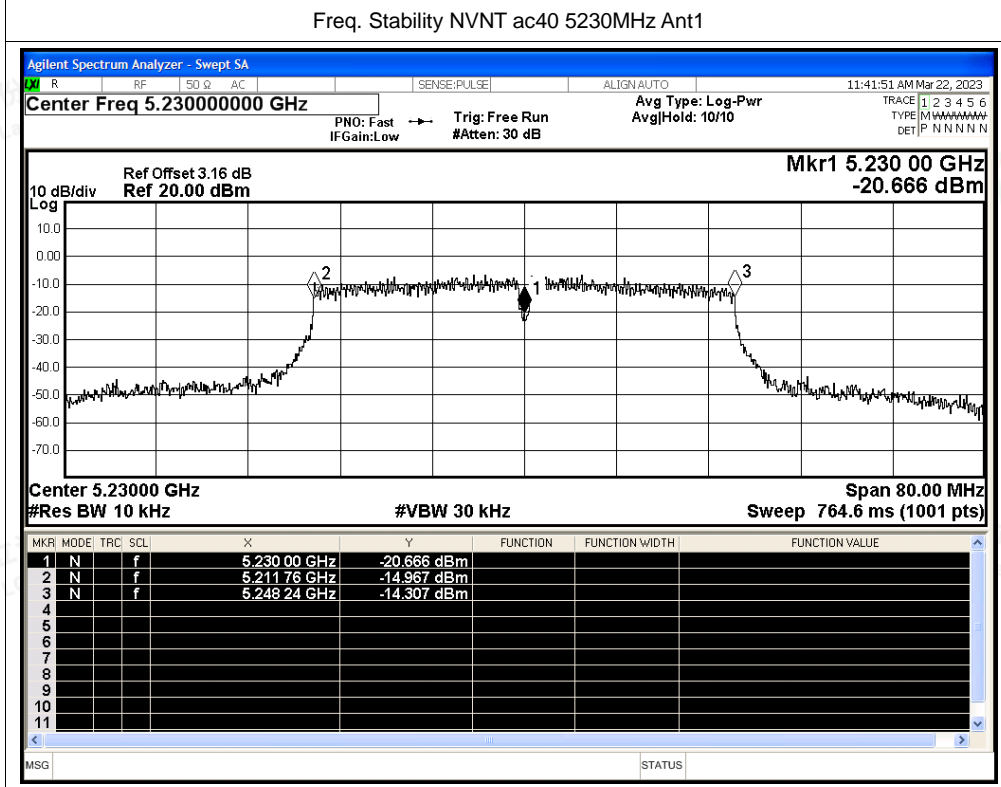
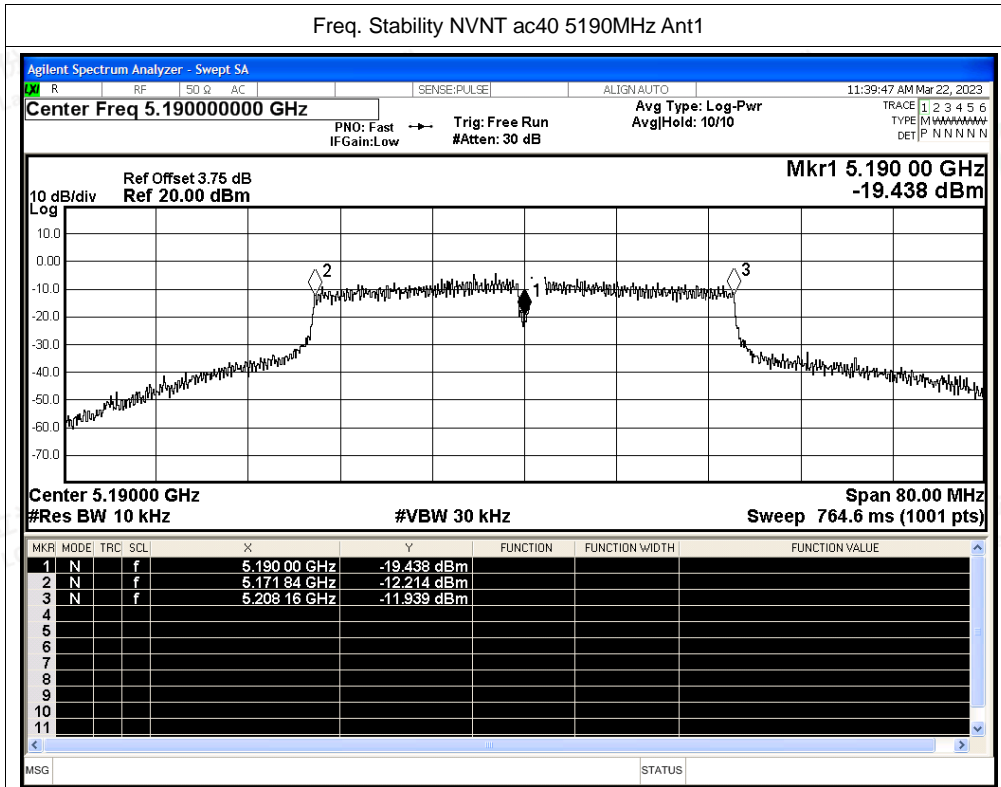
Test Graphs

Freq. Stability NVNT n40 5190MHz Ant1



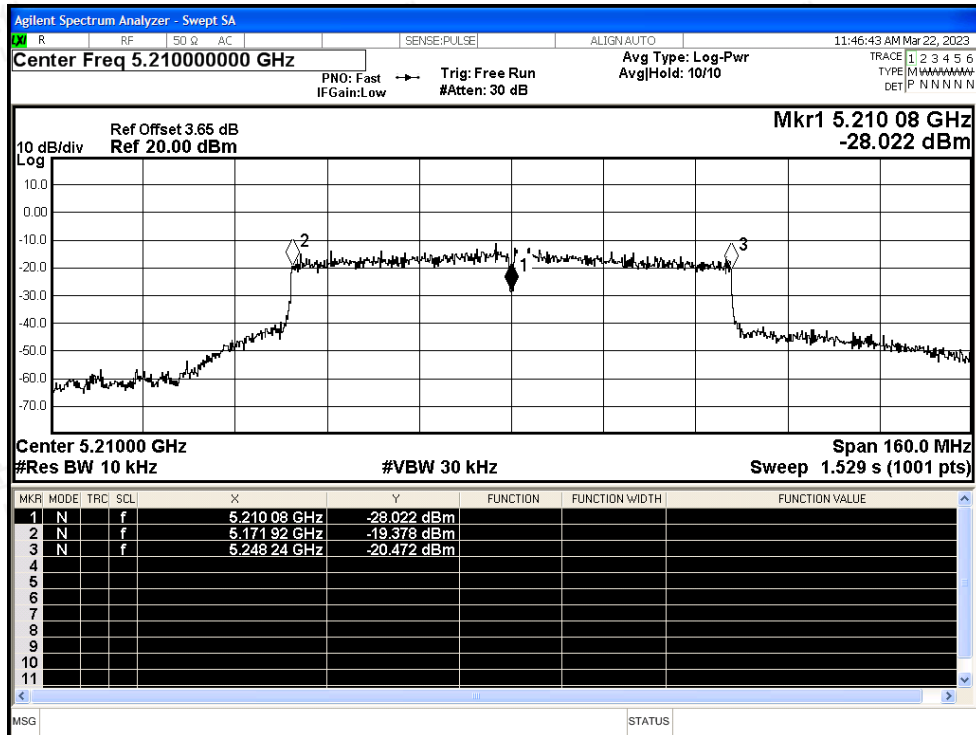
Freq. Stability NVNT n40 5230MHz Ant1



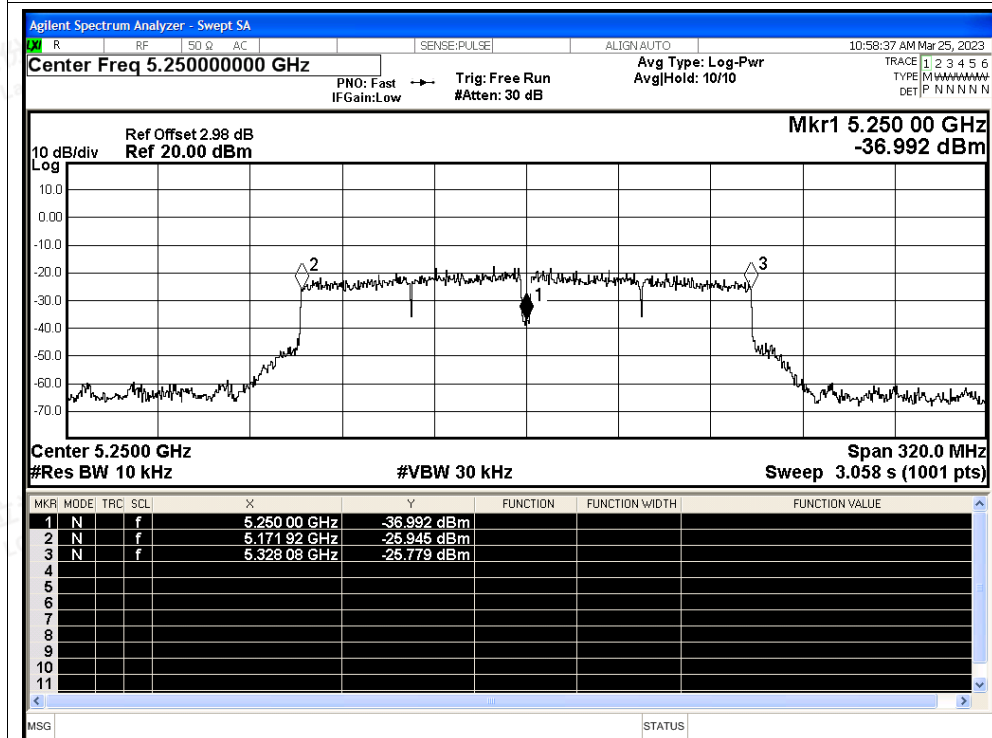




Freq. Stability NVNT ac80 5210MHz Ant1

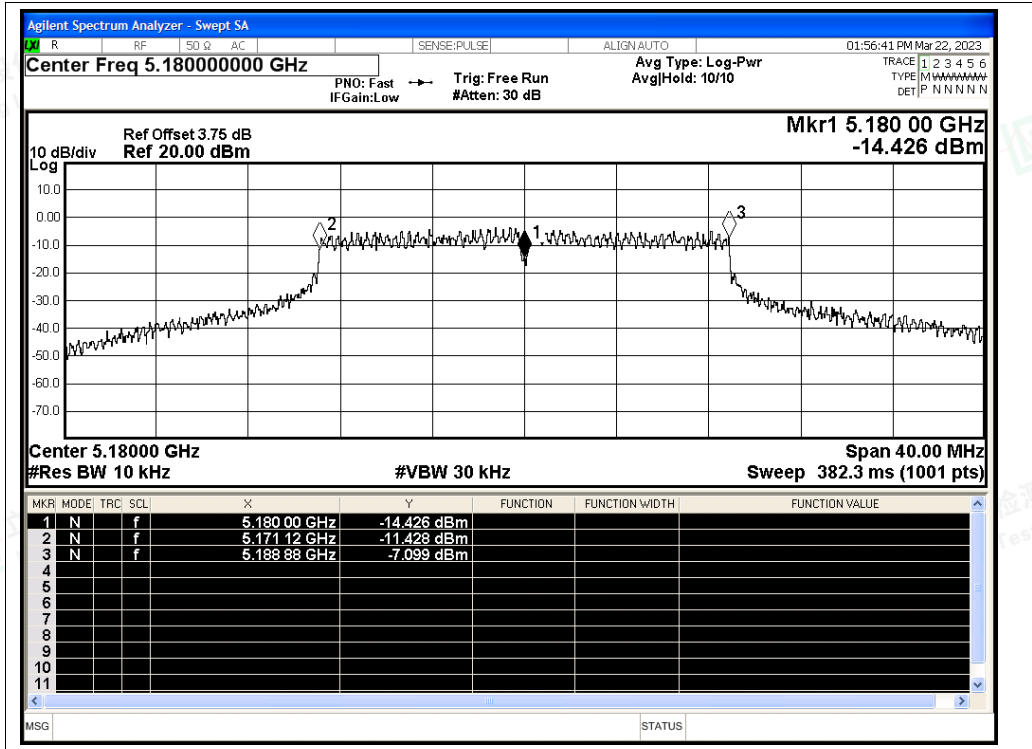


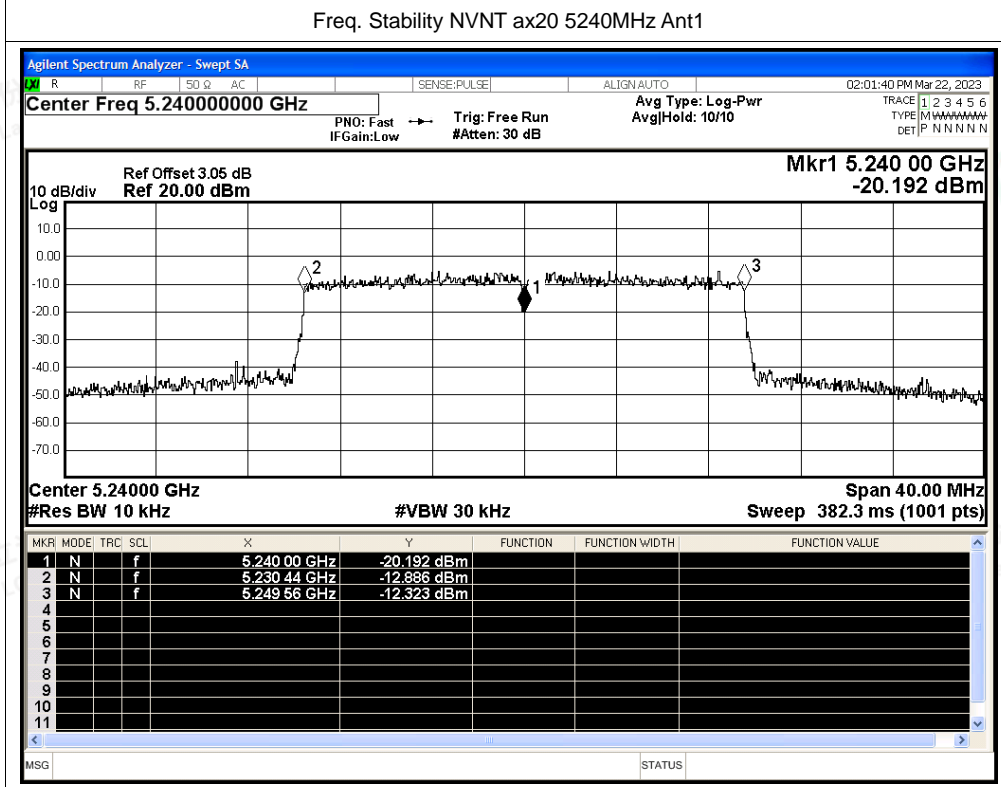
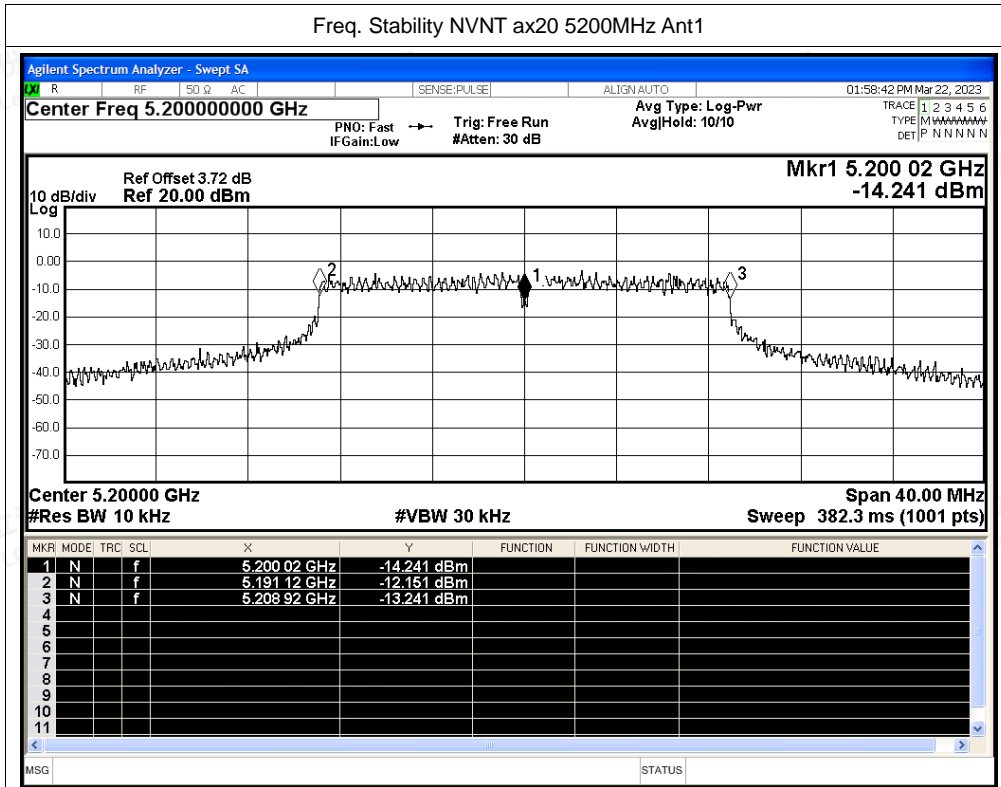
Freq. Stability NVNT ac160 5250MHz Ant1

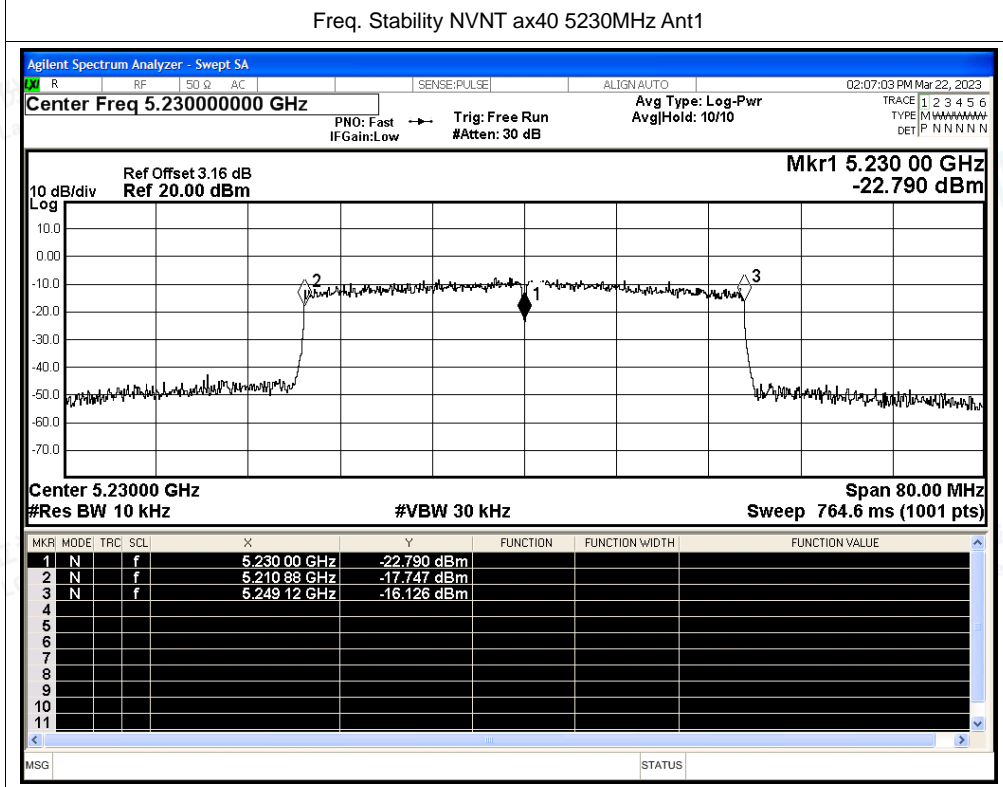
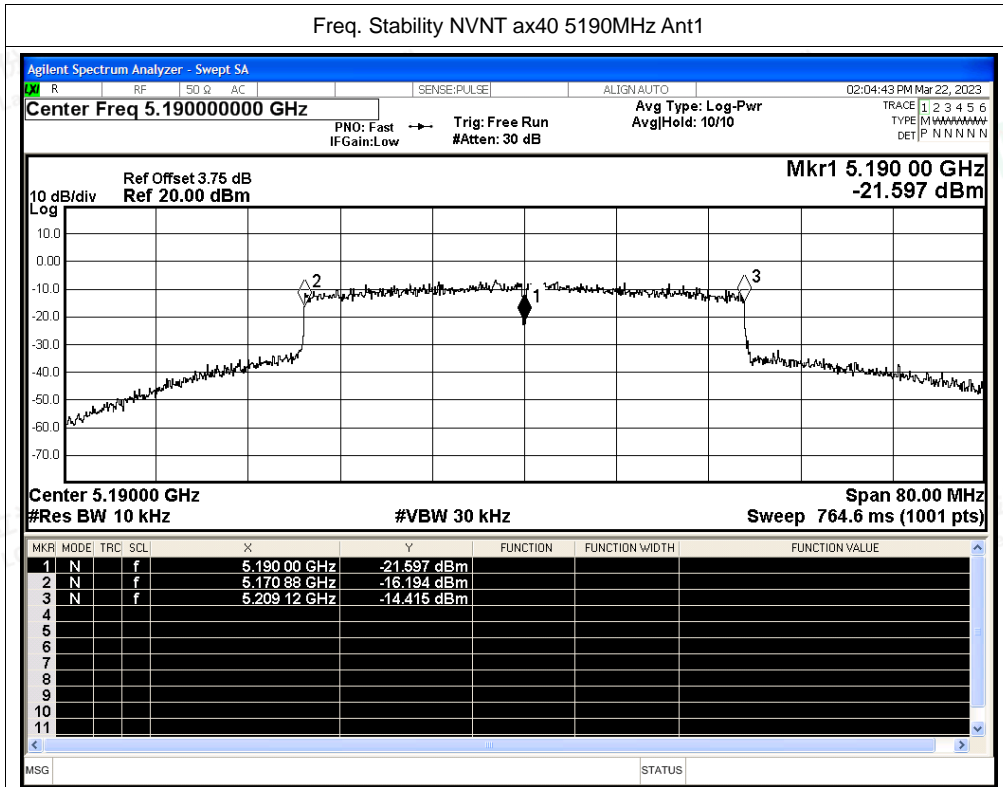


Freq. Stability NVNT ax20 5180MHz Ant1



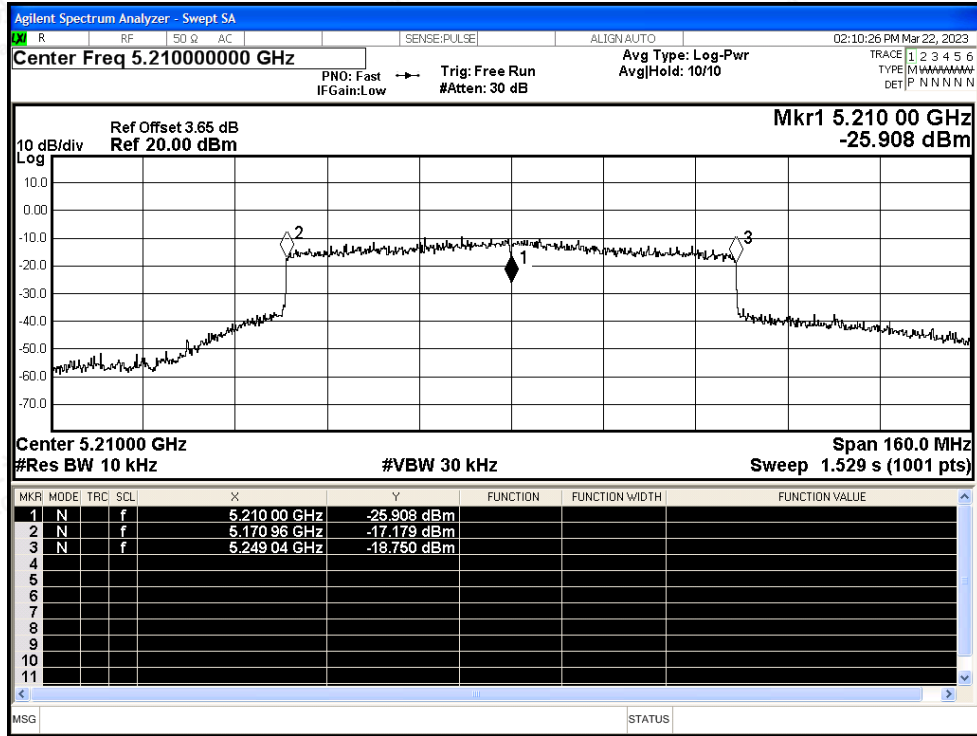




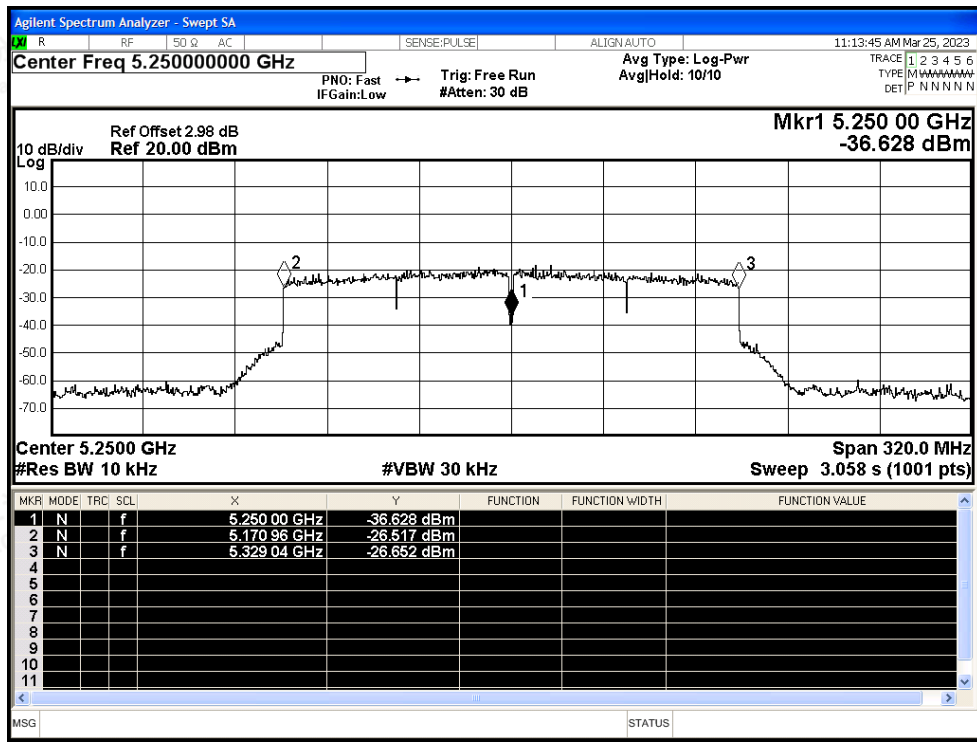




Freq. Stability NVNT ax80 5210MHz Ant1



Freq. Stability NVNT ax160 5250MHz Ant1





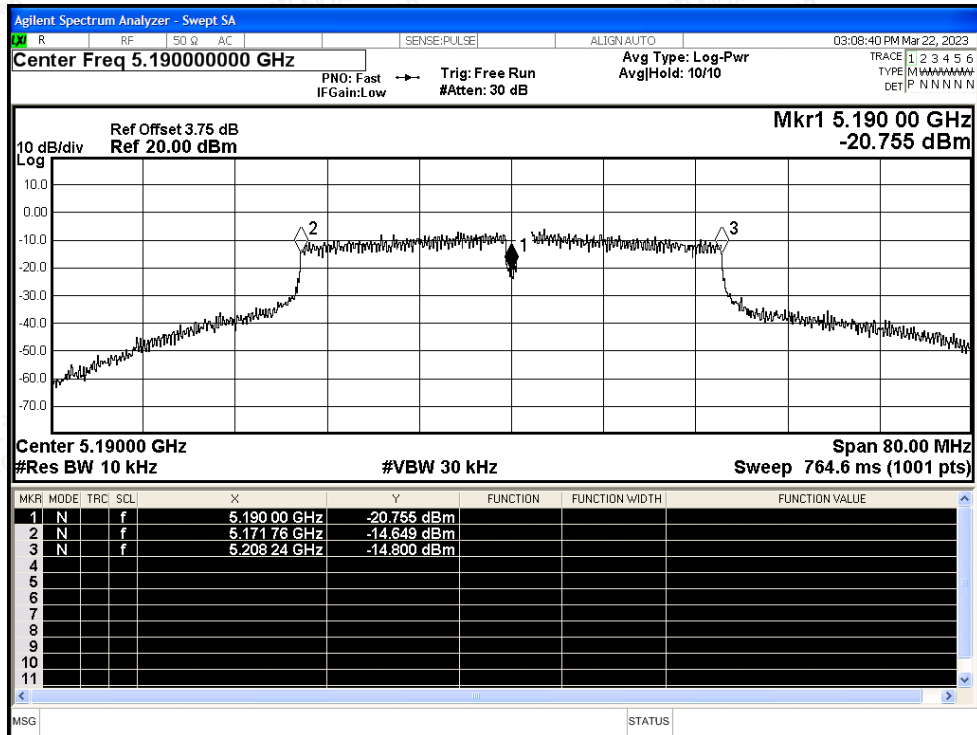
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	n40	5190	Ant2	5190	0	0	25	Pass
NVNT	n40	5230	Ant2	5230	0	0	25	Pass
NVNT	ac40	5190	Ant2	5190.04	40000	7.71	25	Pass
NVNT	ac40	5230	Ant2	5230	0	0	25	Pass
NVNT	ac80	5210	Ant2	5210	0	0	25	Pass
NVNT	ac160	5250	Ant2	5250	0	0	25	Pass
NVNT	ax20	5180	Ant2	5180	0	0	25	Pass
NVNT	ax20	5200	Ant2	5200	0	0	25	Pass
NVNT	ax20	5240	Ant2	5240	0	0	25	Pass
NVNT	ax40	5190	Ant2	5190.04	40000	7.71	25	Pass
NVNT	ax40	5230	Ant2	5230	0	0	25	Pass
NVNT	ax80	5210	Ant2	5210	0	0	25	Pass
NVNT	ax160	5250	Ant2	5250	0	0	25	Pass



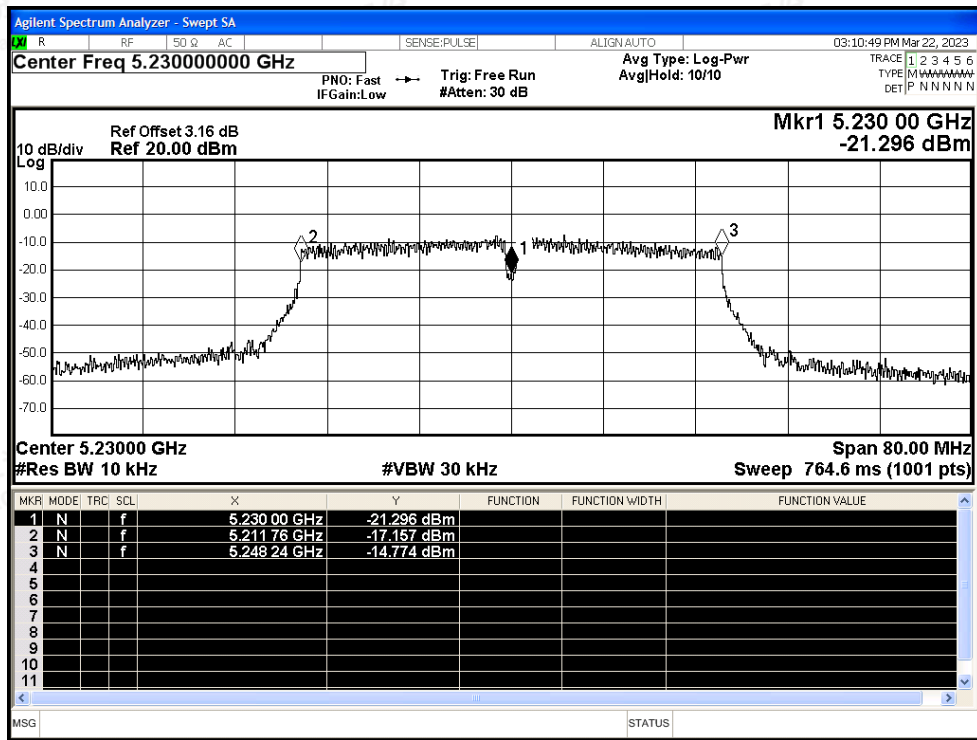


Test Graphs

Freq. Stability NVNT n40 5190MHz Ant2

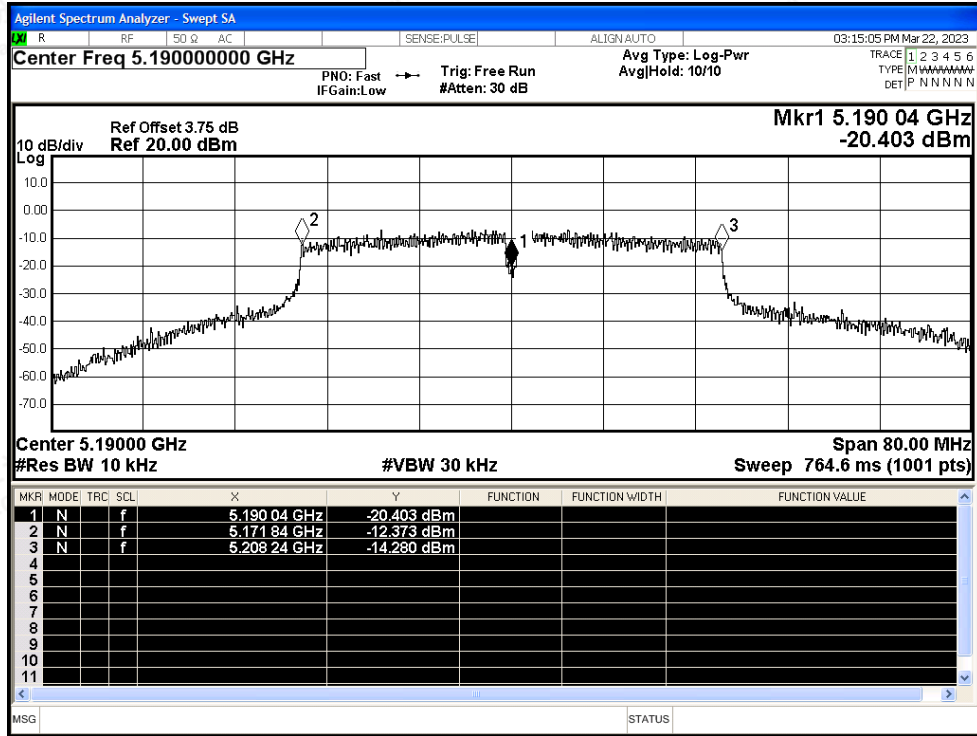


Freq. Stability NVNT n40 5230MHz Ant2

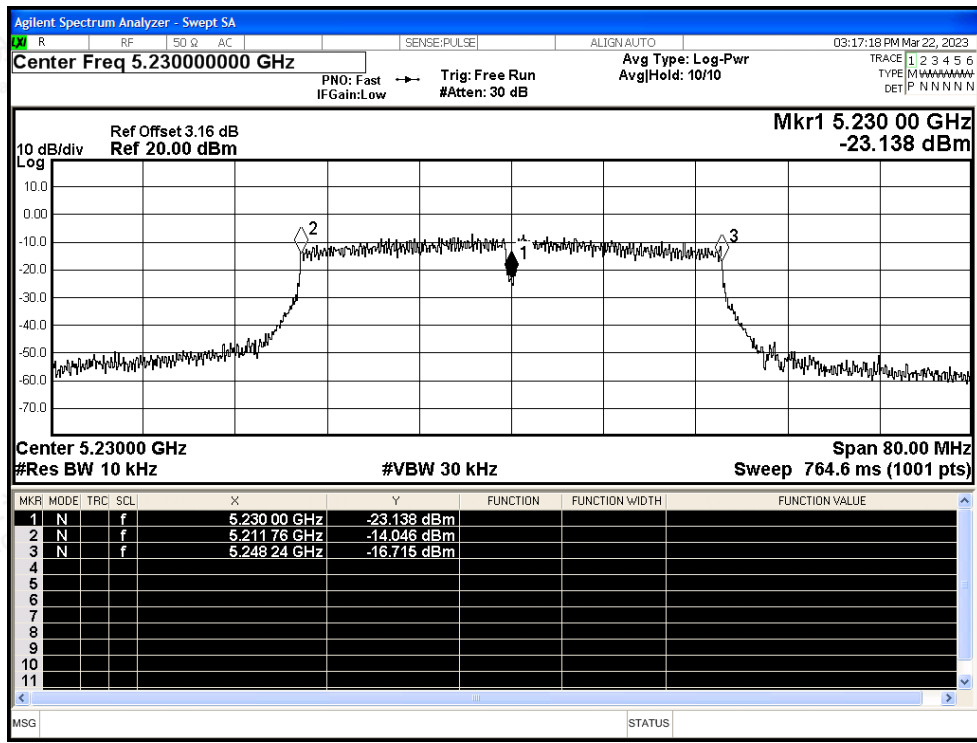




Freq. Stability NVNT ac40 5190MHz Ant2

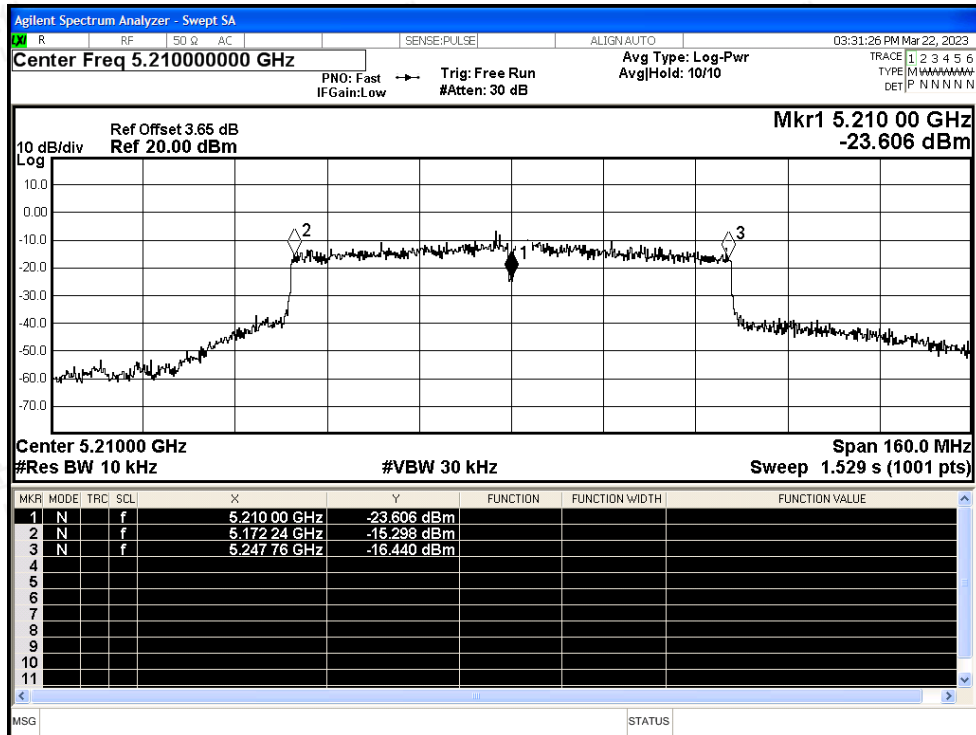


Freq. Stability NVNT ac40 5230MHz Ant2

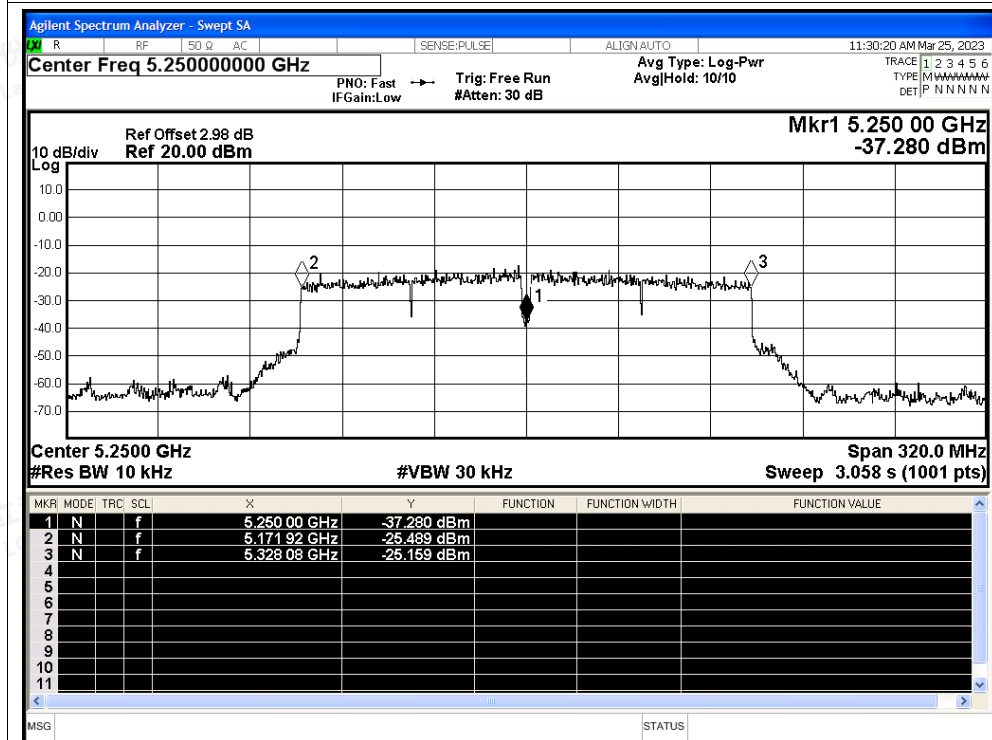




Freq. Stability NVNT ac80 5210MHz Ant2

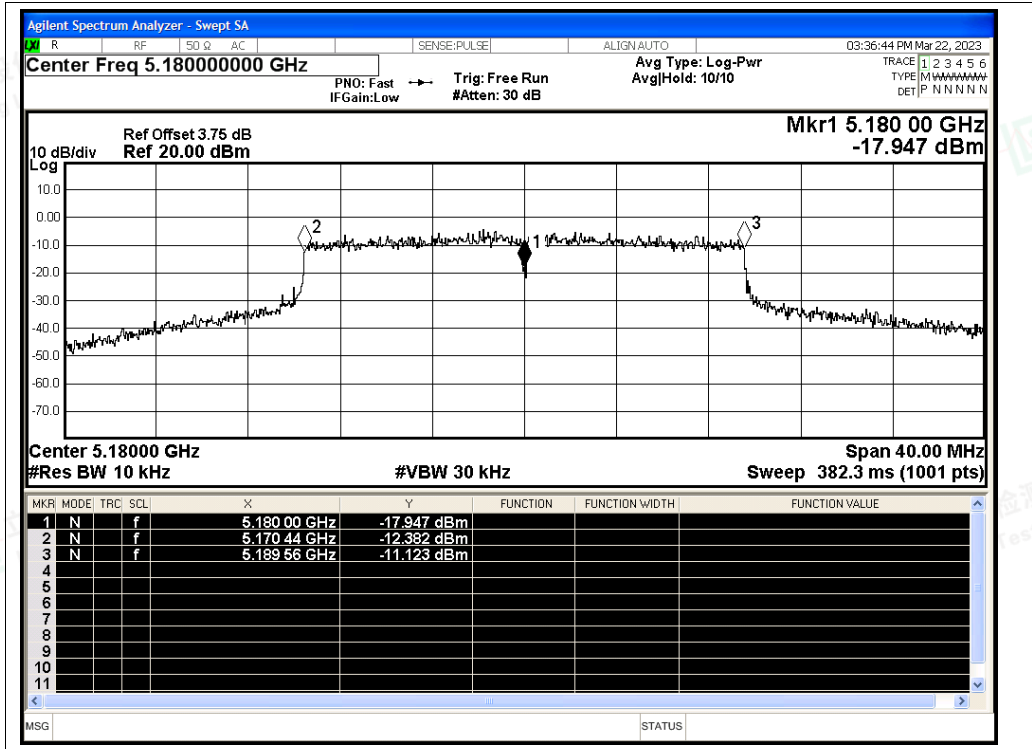


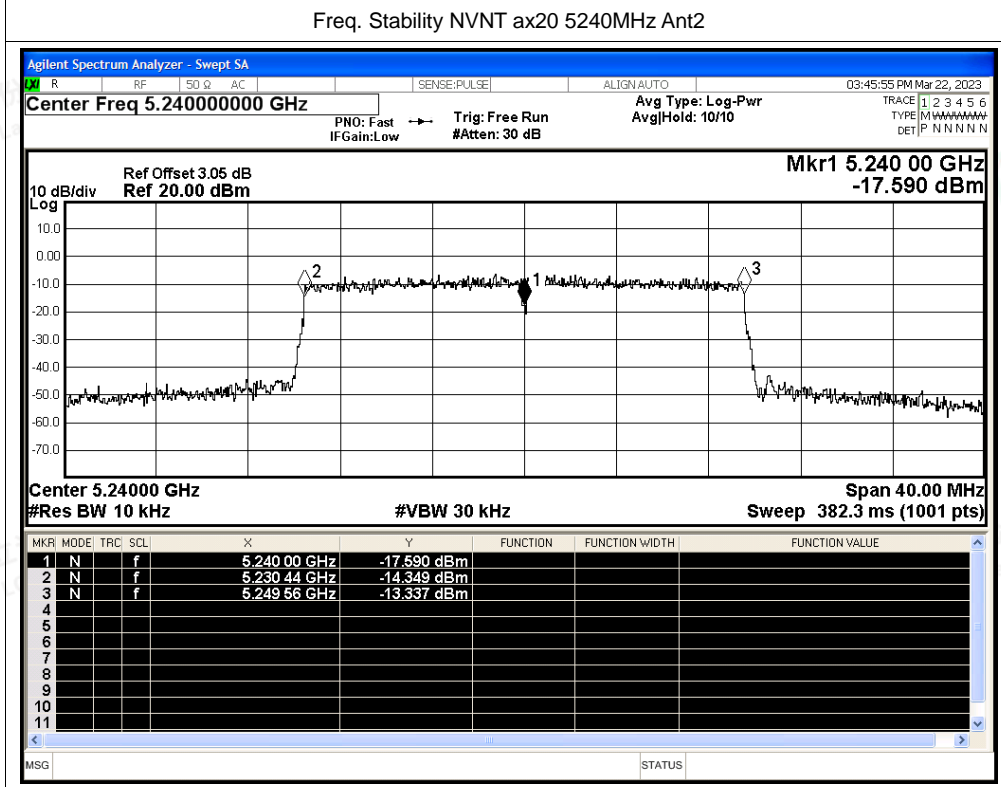
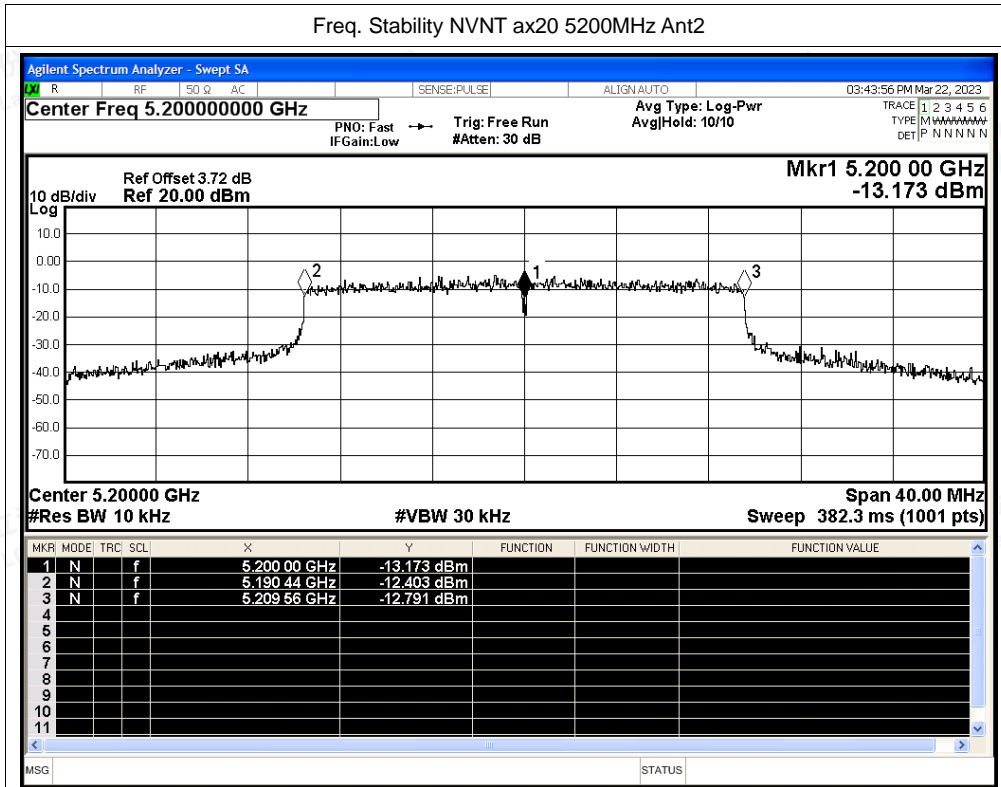
Freq. Stability NVNT ac160 5250MHz Ant2



Freq. Stability NVNT ax20 5180MHz Ant2

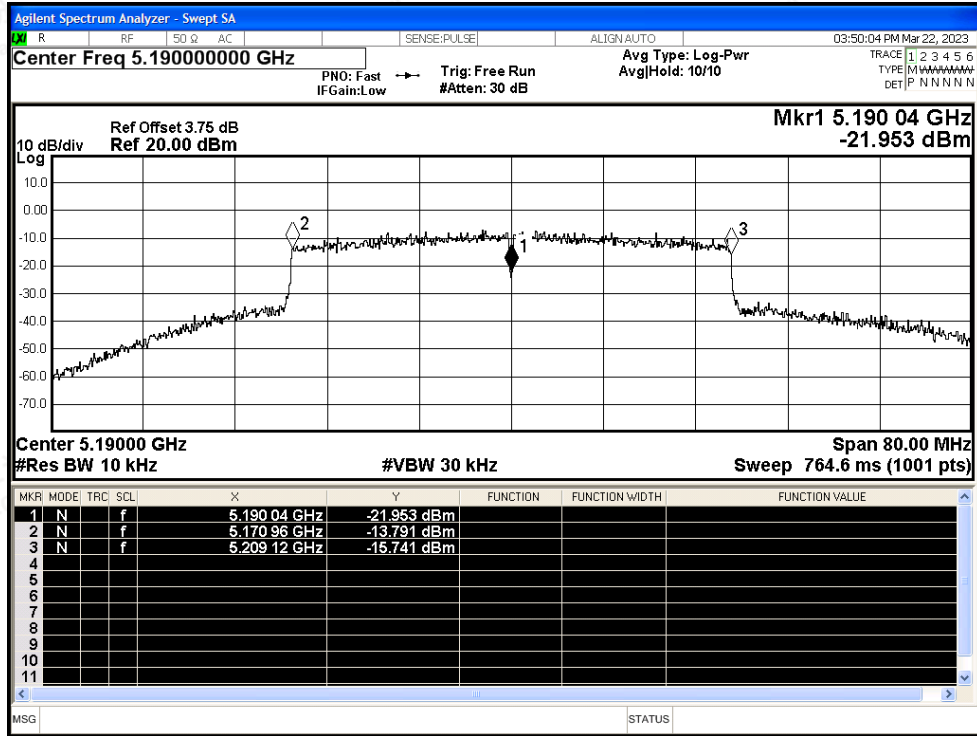




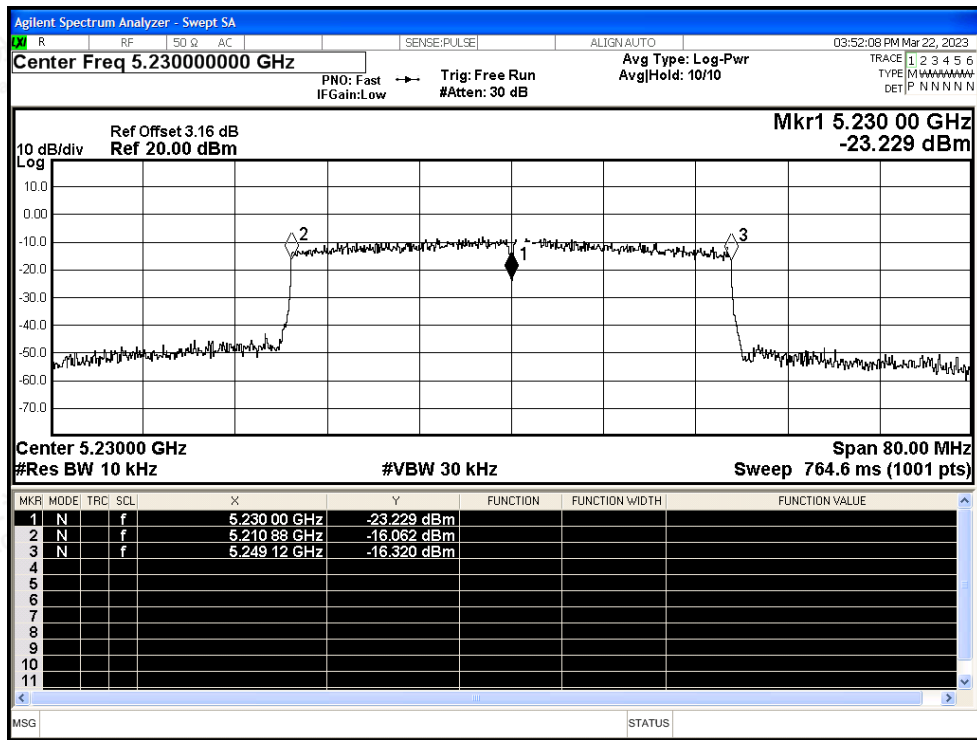


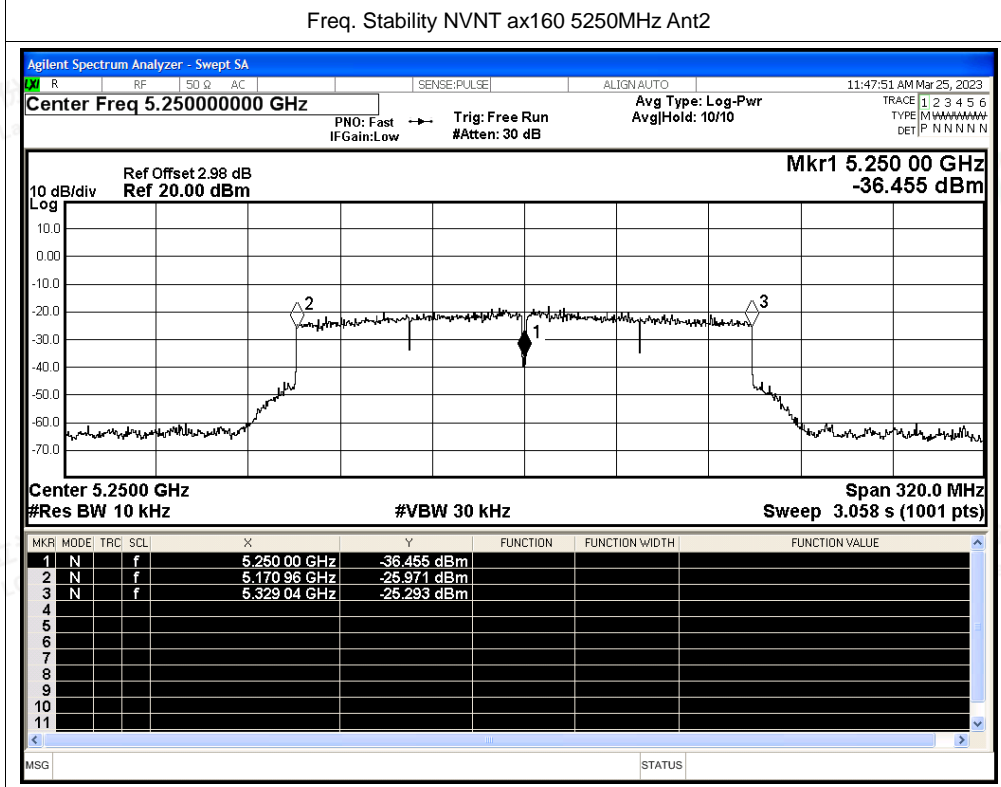
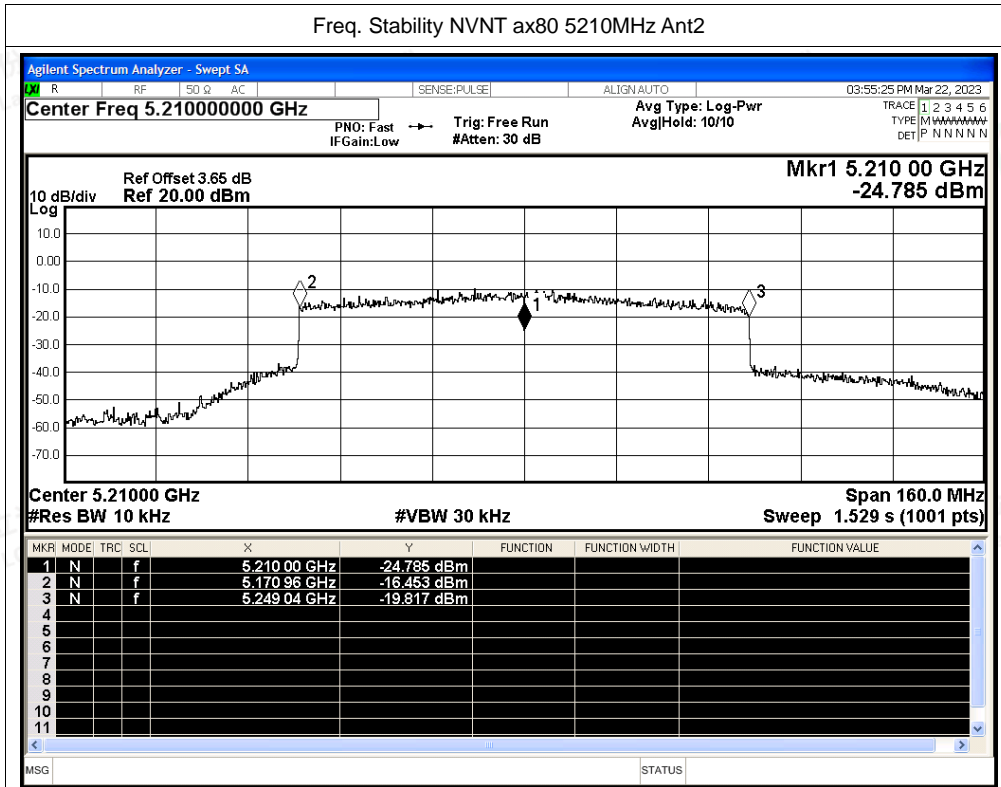


Freq. Stability NVNT ax40 5190MHz Ant2



Freq. Stability NVNT ax40 5230MHz Ant2







B.6 Duty Cycle

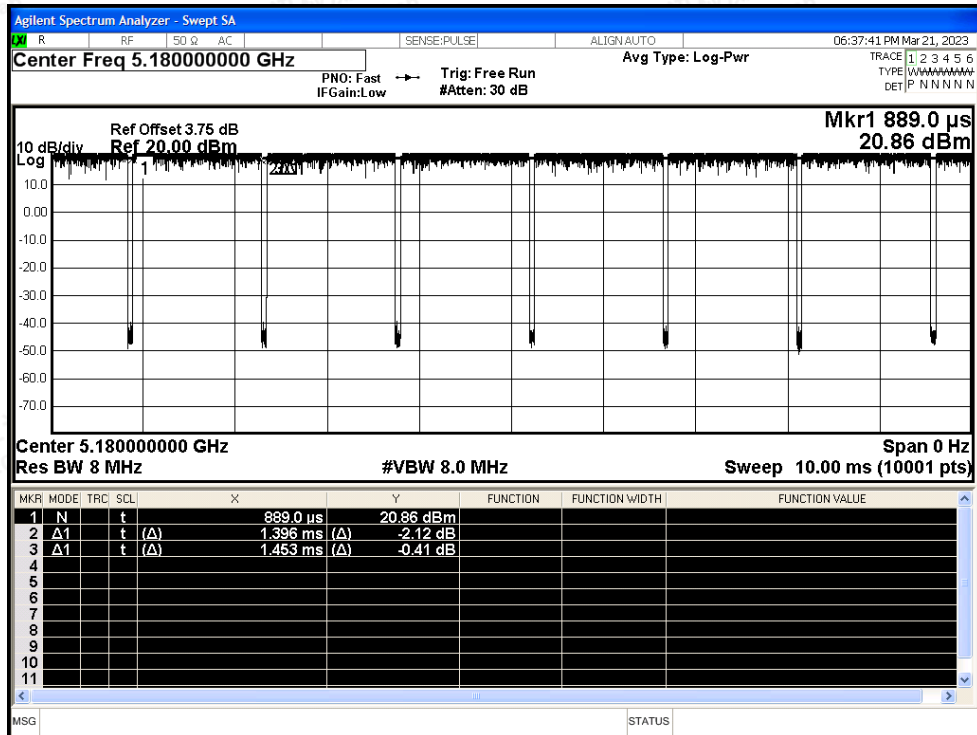
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant0	96.08	0.17	0.72
NVNT	a	5200	Ant0	96.15	0.17	0.72
NVNT	a	5240	Ant0	96.15	0.17	0.72
NVNT	n20	5180	Ant0	95.86	0.18	0.77
NVNT	n20	5200	Ant0	95.86	0.18	0.77
NVNT	n20	5240	Ant0	95.79	0.19	0.77
NVNT	n40	5190	Ant0	91.91	0.37	1.54
NVNT	n40	5230	Ant0	92.06	0.36	1.54
NVNT	ac20	5180	Ant0	89.39	0.49	2.08
NVNT	ac20	5200	Ant0	89.57	0.48	2.08
NVNT	ac20	5240	Ant0	89.39	0.49	2.08
NVNT	ac40	5190	Ant0	82.33	0.84	3.83
NVNT	ac40	5230	Ant0	82.02	0.86	3.85
NVNT	ac80	5210	Ant0	72.62	1.39	6.73
NVNT	ac160	5250	Ant0	66.67	1.76	10
NVNT	ax20	5180	Ant0	89.57	0.48	2.08
NVNT	ax20	5200	Ant0	88.27	0.54	2.33
NVNT	ax20	5240	Ant0	88.45	0.53	2.33
NVNT	ax40	5190	Ant0	88.36	0.54	2.35
NVNT	ax40	5230	Ant0	88.38	0.54	2.35
NVNT	ax80	5210	Ant0	87.82	0.56	2.43
NVNT	ax160	5250	Ant0	88.96	0.51	2.43



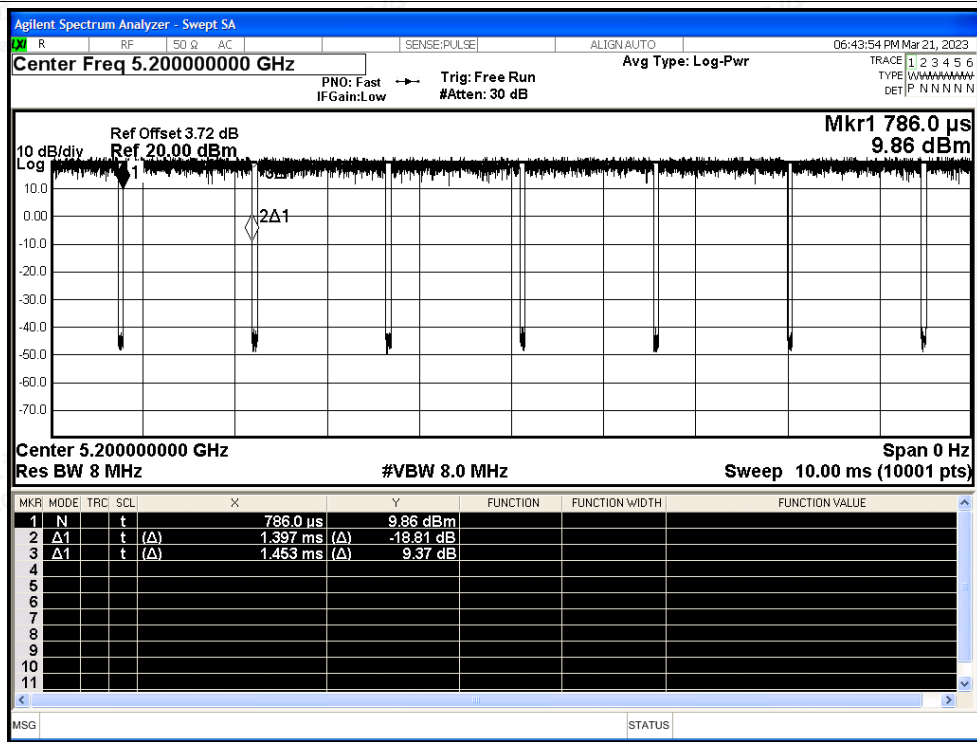


Test Graphs

Duty Cycle NVNT a 5180MHz Ant0

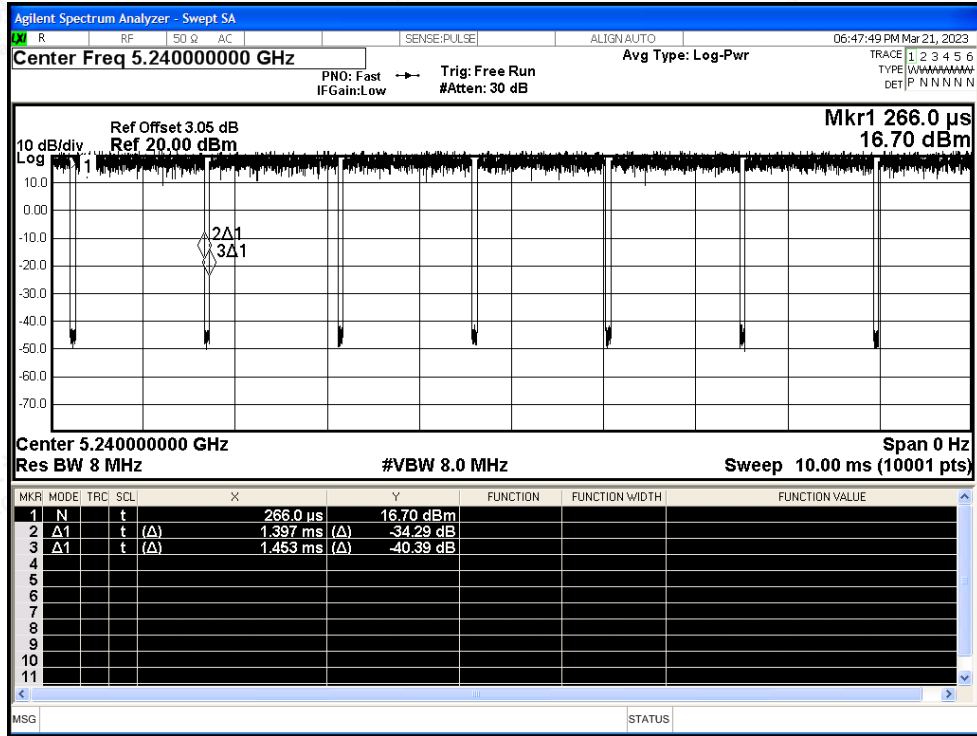


Duty Cycle NVNT a 5200MHz Ant0

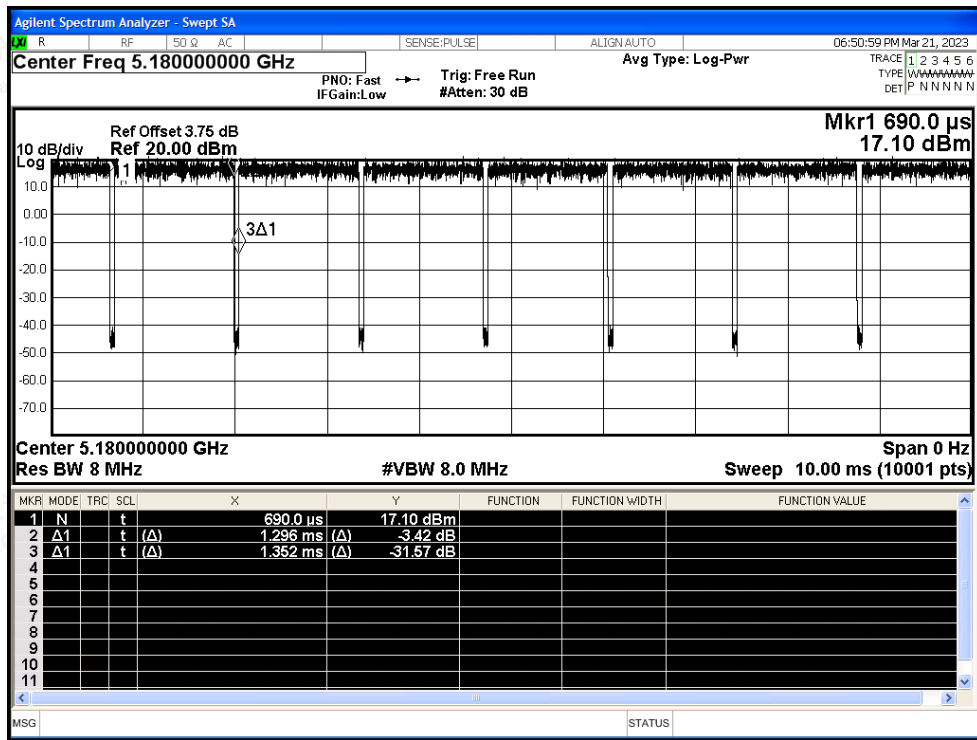




Duty Cycle NVNT a 5240MHz Ant0

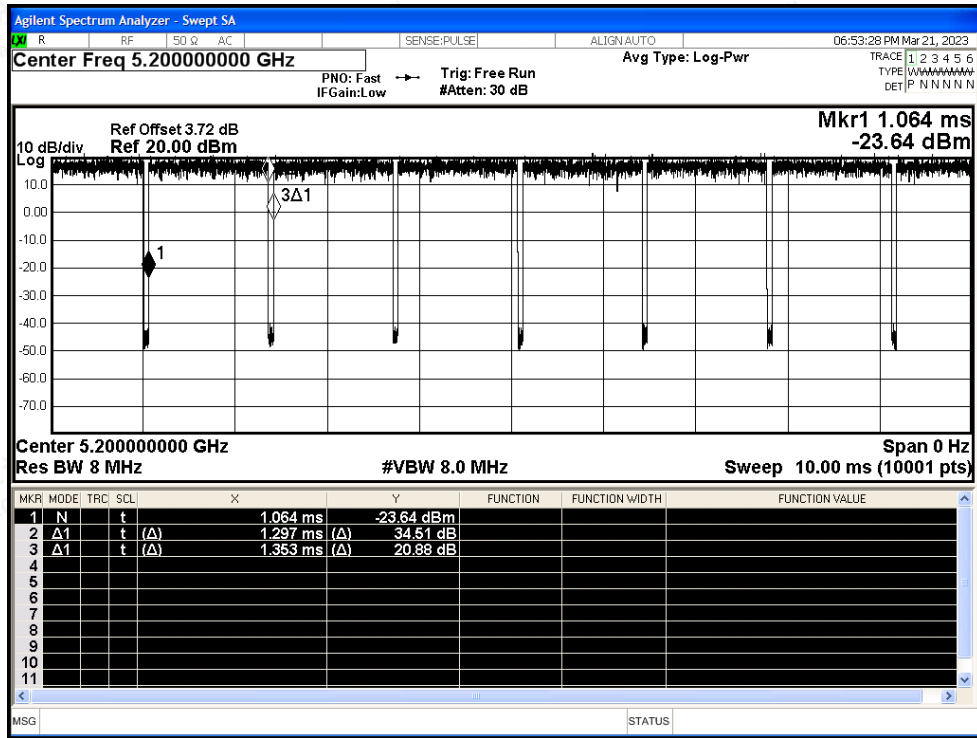


Duty Cycle NVNT n20 5180MHz Ant0

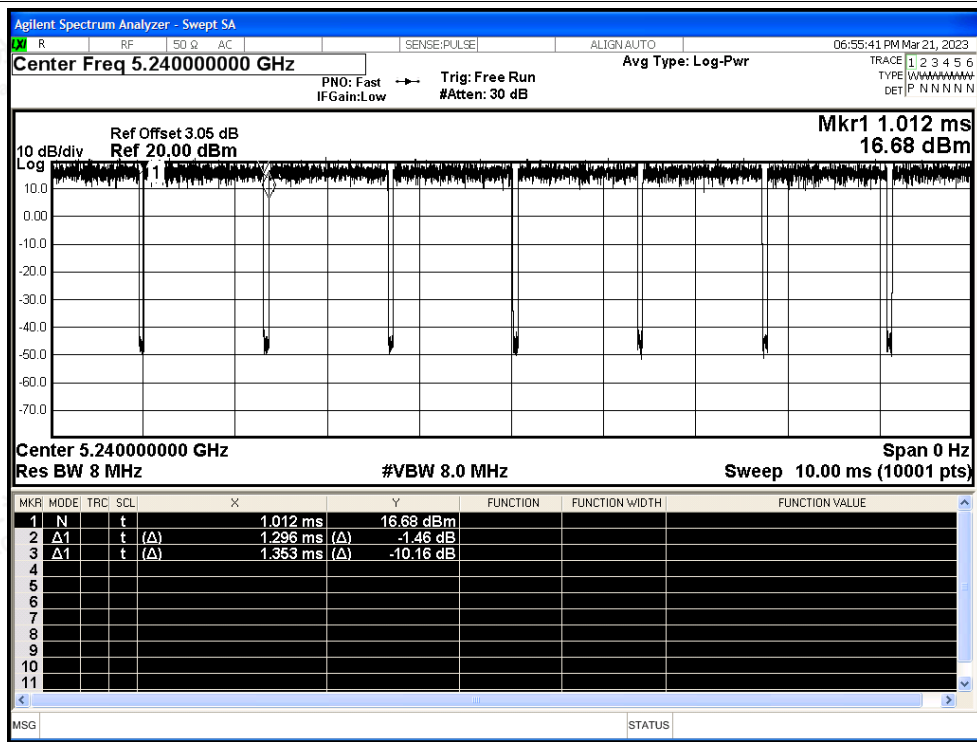




Duty Cycle NVNT n20 5200MHz Ant0

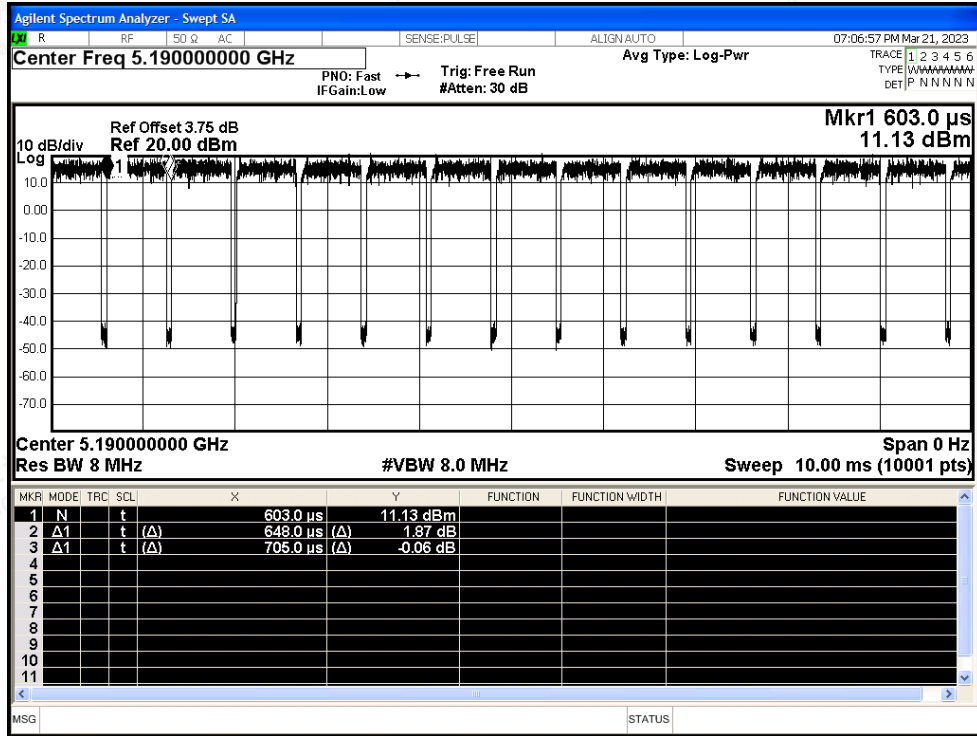


Duty Cycle NVNT n20 5240MHz Ant0

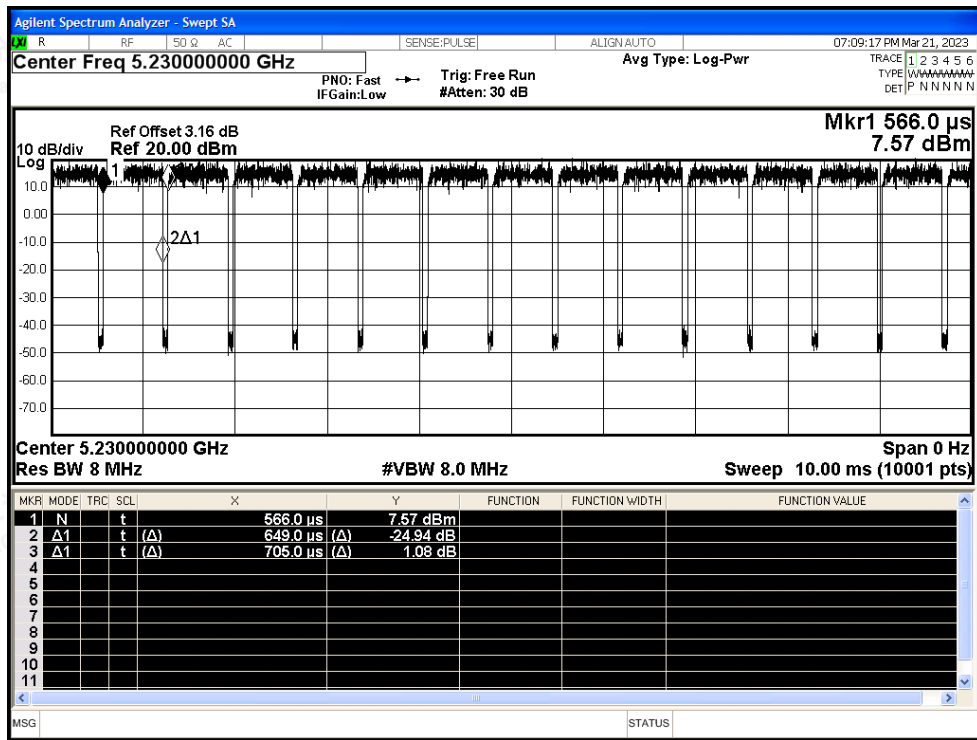




Duty Cycle NVNT n40 5190MHz Ant0

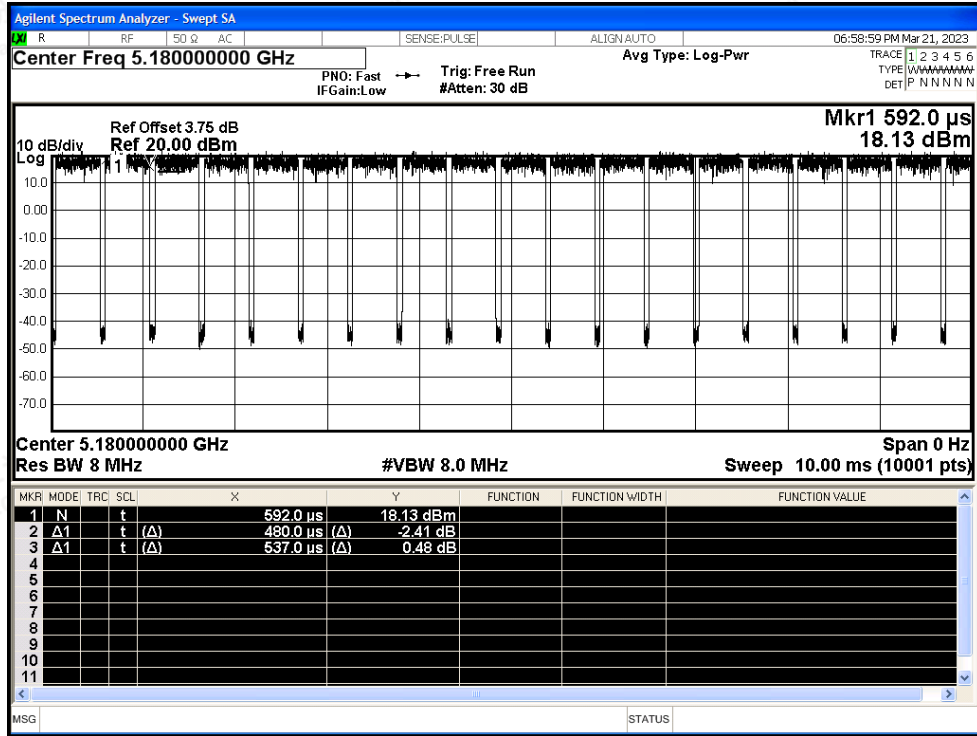


Duty Cycle NVNT n40 5230MHz Ant0

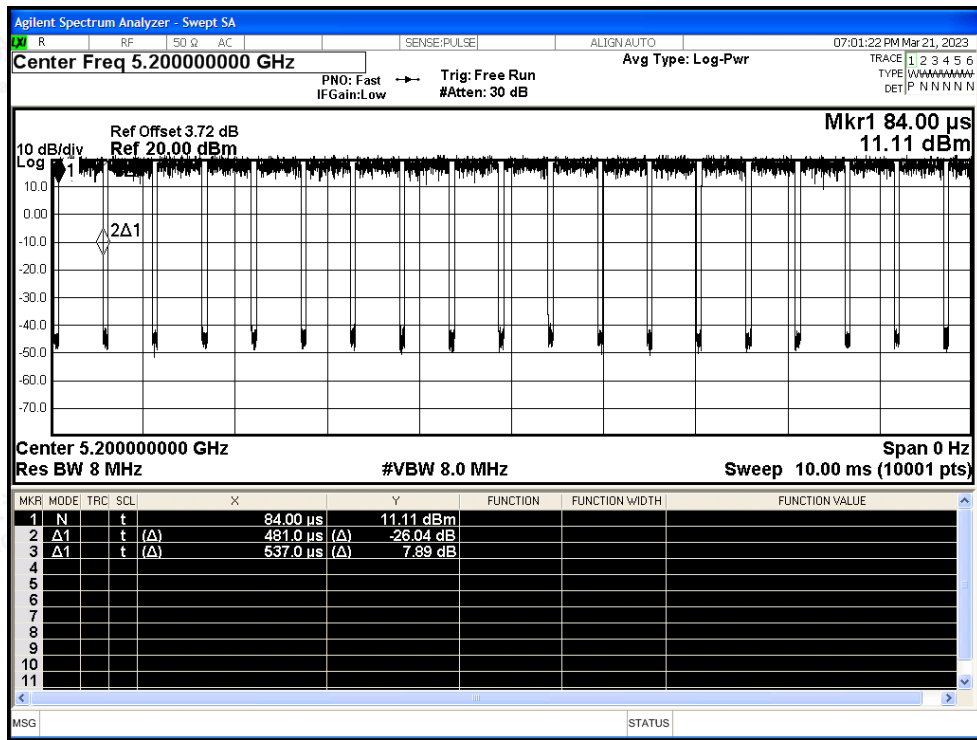




Duty Cycle NVNT ac20 5180MHz Ant0

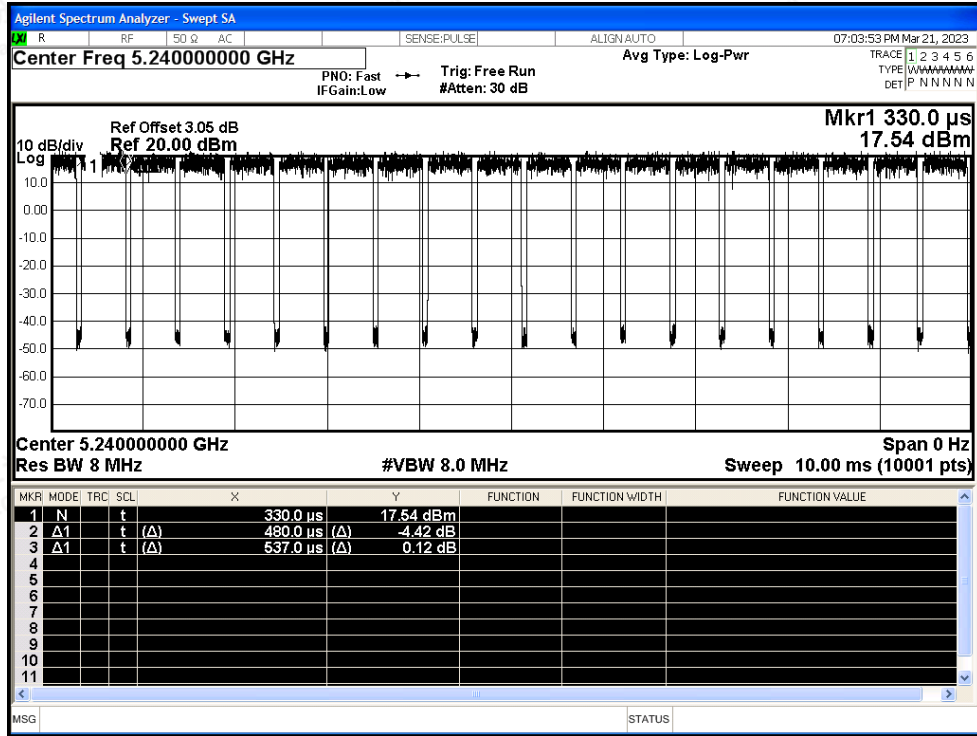


Duty Cycle NVNT ac20 5200MHz Ant0

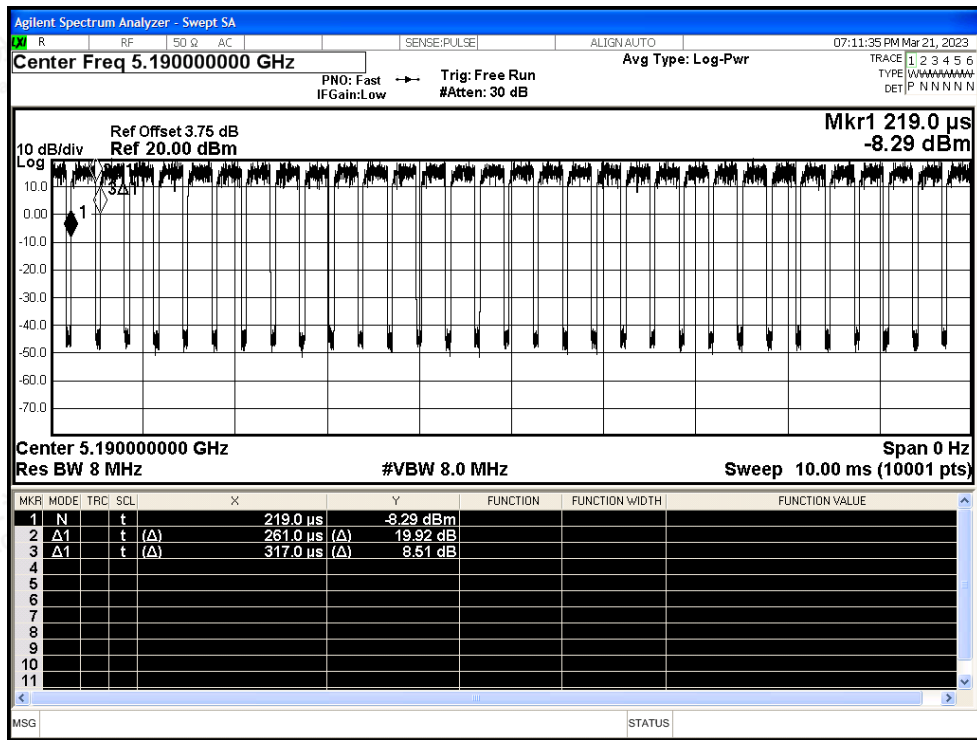




Duty Cycle NVNT ac20 5240MHz Ant0

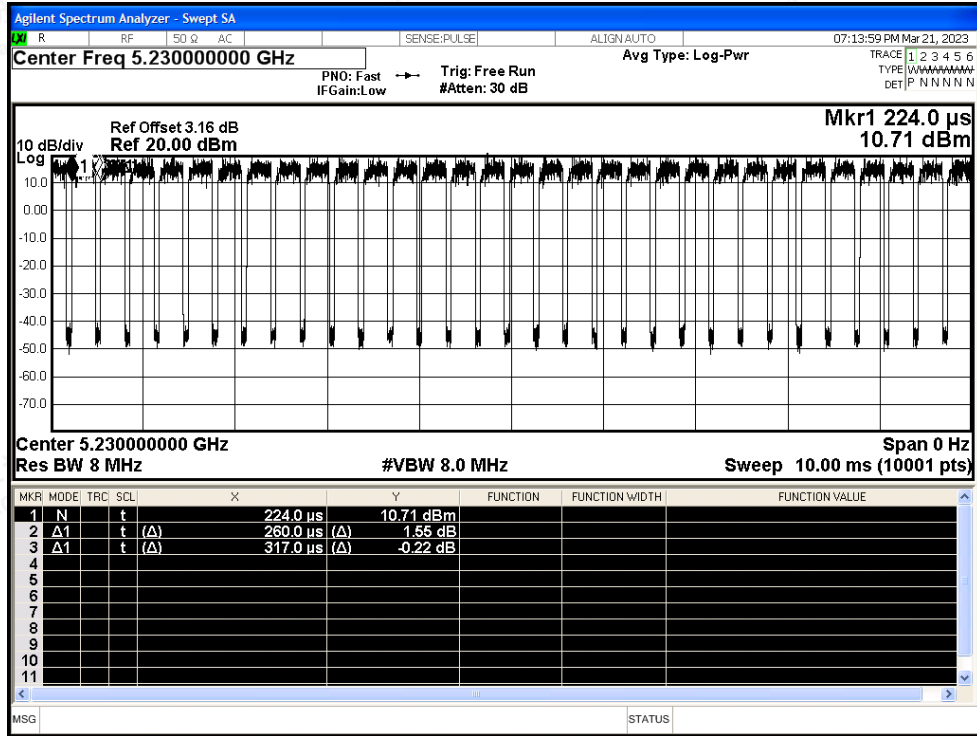


Duty Cycle NVNT ac40 5190MHz Ant0

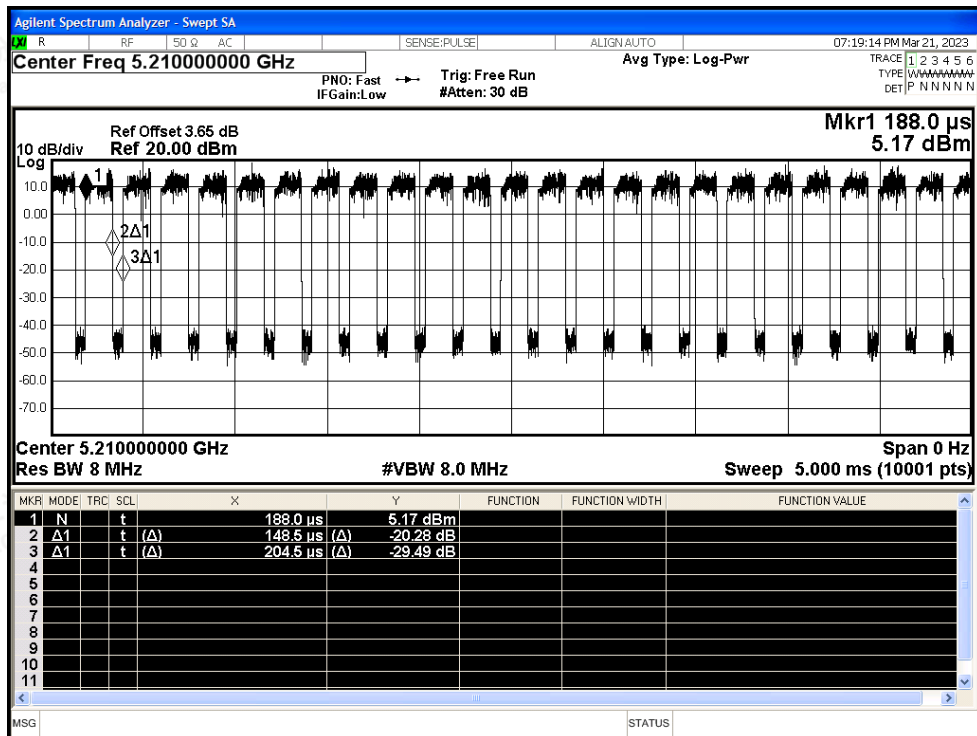




Duty Cycle NVNT ac40 5230MHz Ant0

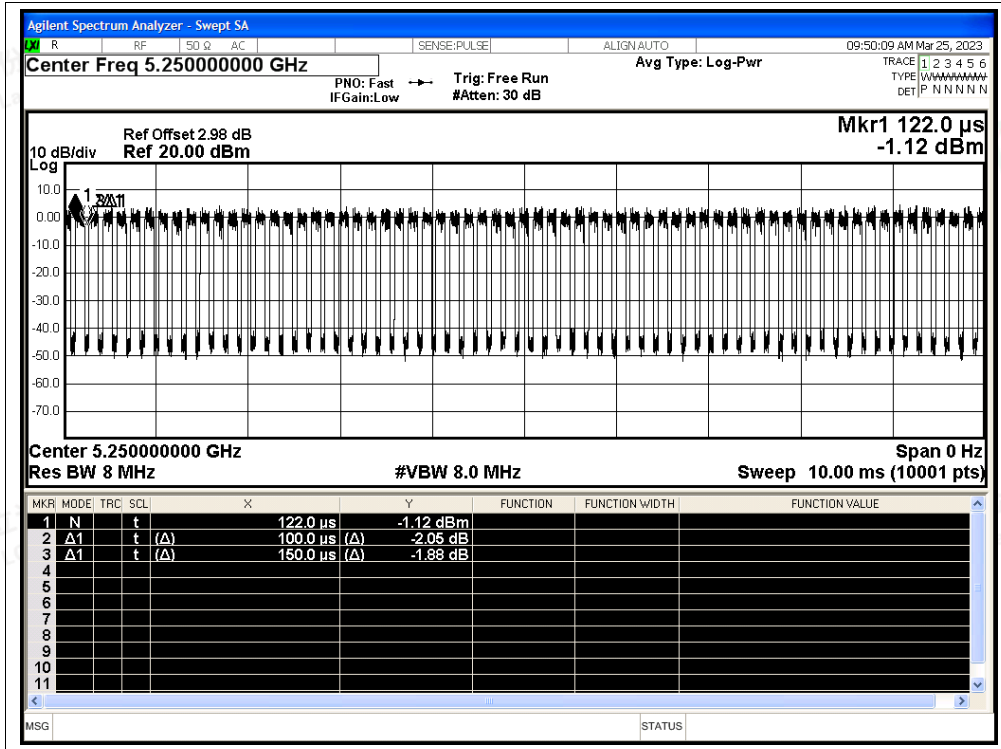


Duty Cycle NVNT ac80 5210MHz Ant0



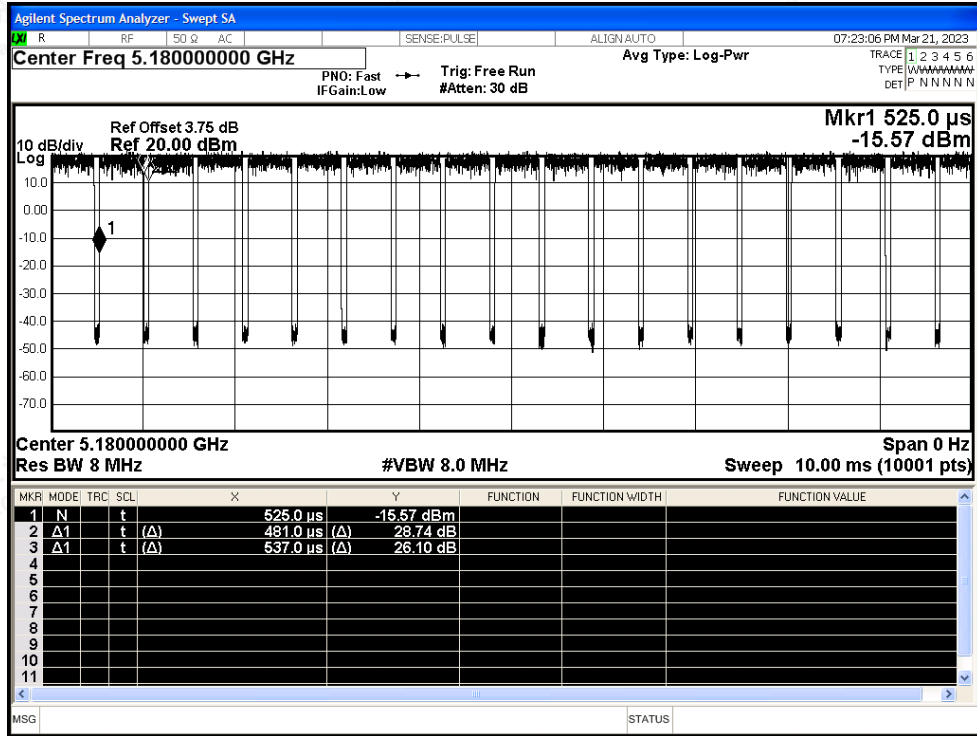
Duty Cycle NVNT ac160 5250MHz Ant0



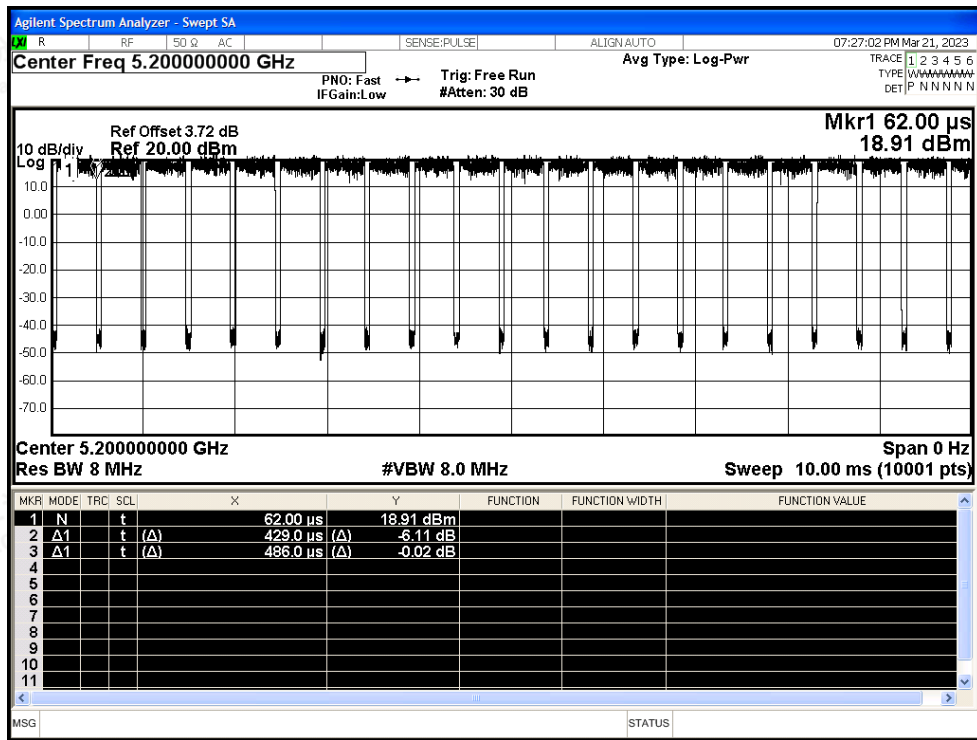




Duty Cycle NVNT ax20 5180MHz Ant0

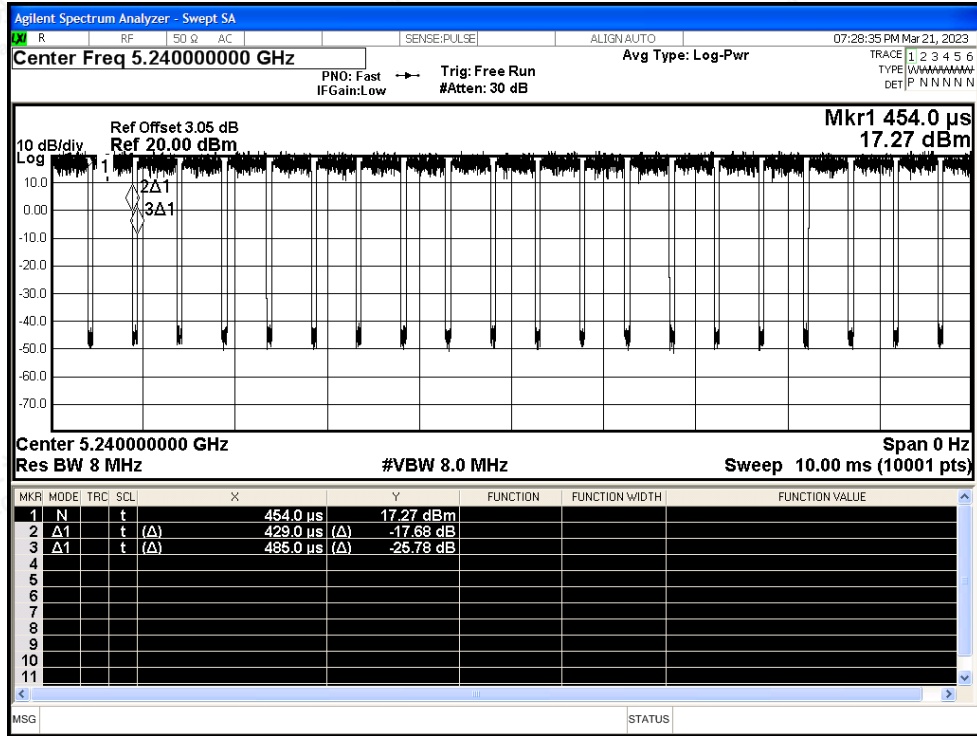


Duty Cycle NVNT ax20 5200MHz Ant0

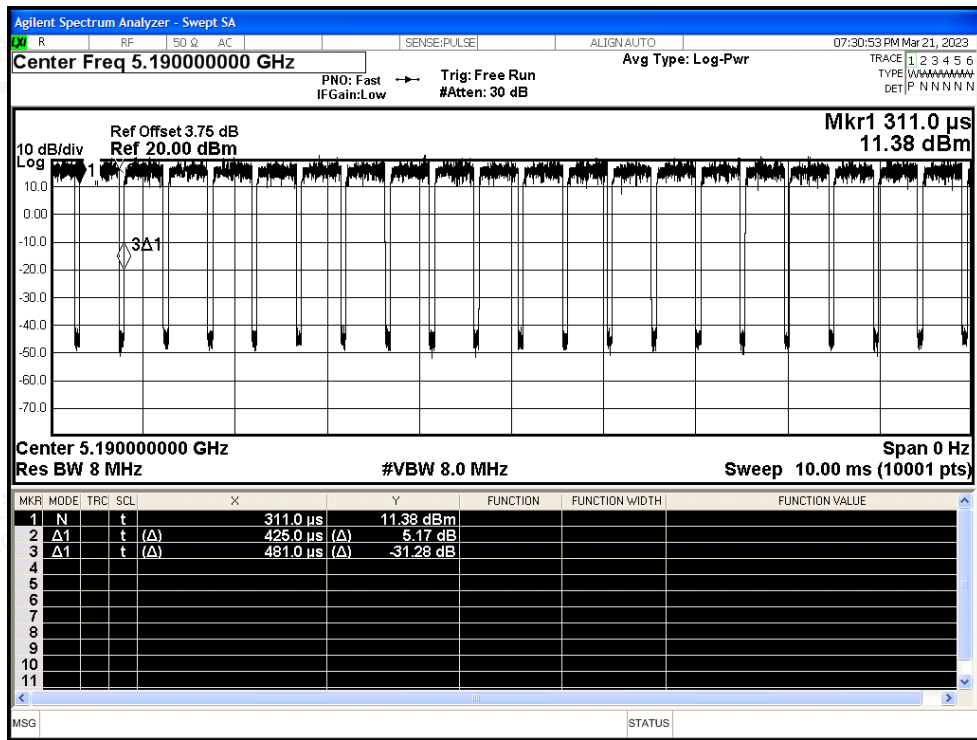




Duty Cycle NVNT ax20 5240MHz Ant0

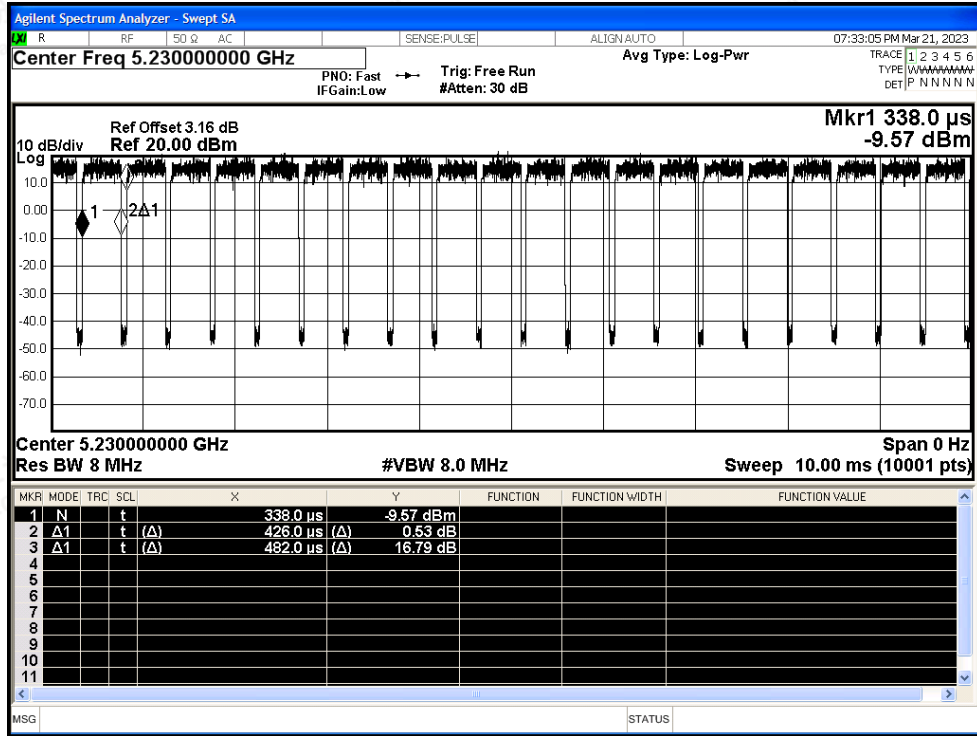


Duty Cycle NVNT ax40 5190MHz Ant0

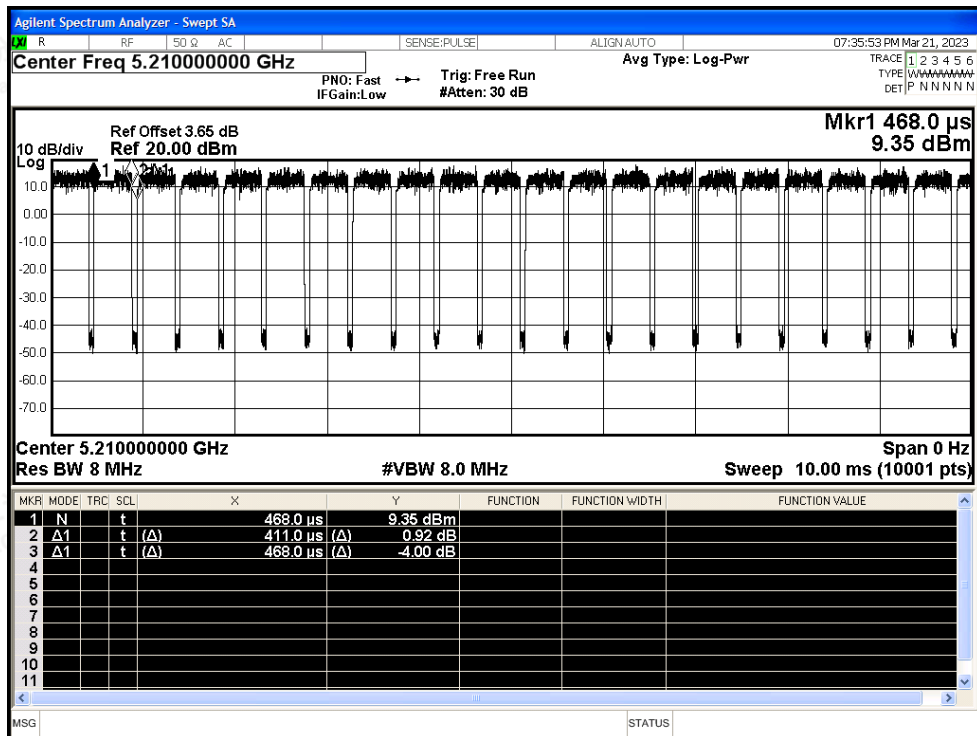




Duty Cycle NVNT ax40 5230MHz Ant0

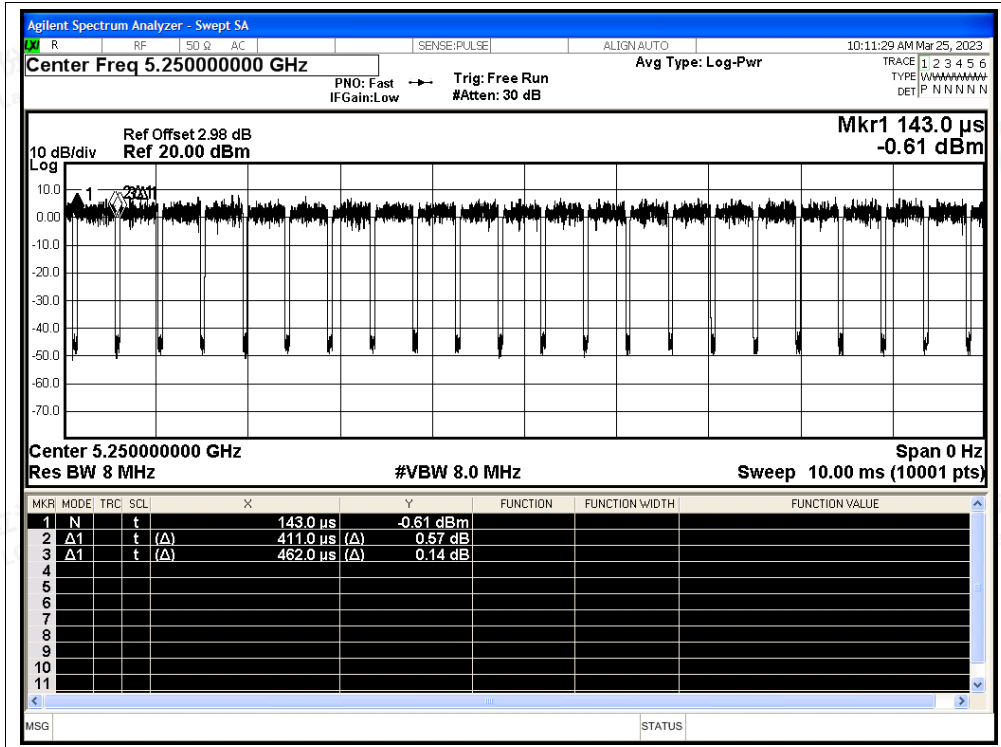


Duty Cycle NVNT ax80 5210MHz Ant0



Duty Cycle NVNT ax160 5250MHz Ant0







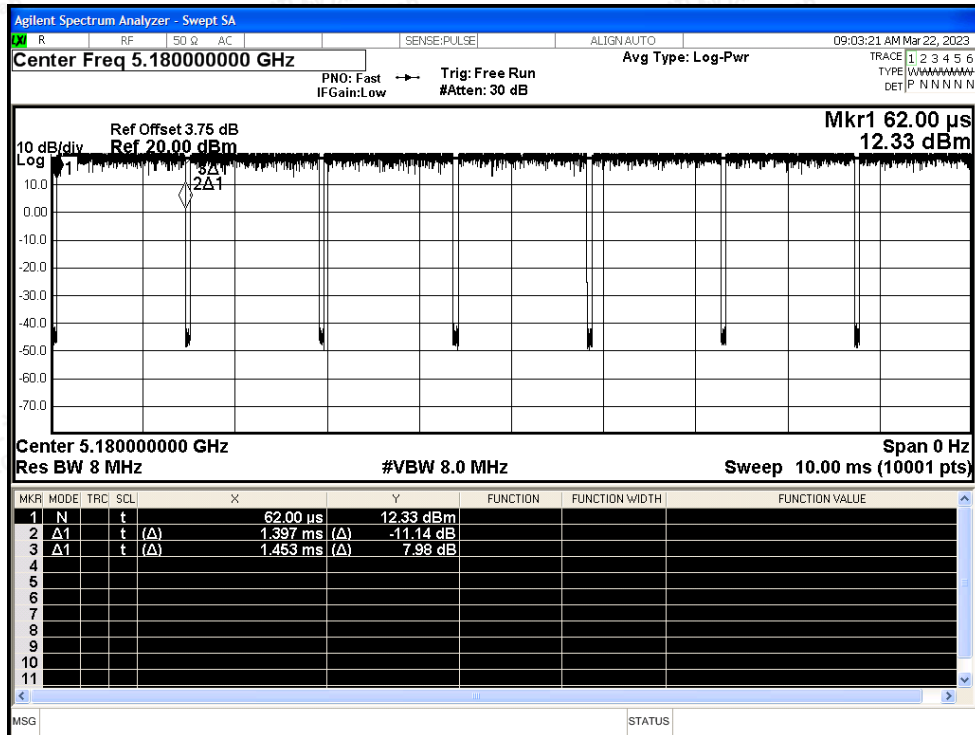
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	96.15	0.17	0.72
NVNT	a	5200	Ant1	96.15	0.17	0.72
NVNT	a	5240	Ant1	96.08	0.17	0.72
NVNT	n20	5180	Ant1	95.9	0.18	0.76
NVNT	n20	5200	Ant1	95.79	0.19	0.77
NVNT	n20	5240	Ant1	95.79	0.19	0.77
NVNT	n40	5190	Ant1	91.91	0.37	1.54
NVNT	n40	5230	Ant1	92.06	0.36	1.54
NVNT	ac20	5180	Ant1	89.57	0.48	2.08
NVNT	ac20	5200	Ant1	89.57	0.48	2.08
NVNT	ac20	5240	Ant1	96.88	0.14	0.57
NVNT	ac40	5190	Ant1	82.33	0.84	3.83
NVNT	ac40	5230	Ant1	82.02	0.86	3.85
NVNT	ac80	5210	Ant1	72.68	1.39	6.71
NVNT	ac160	5250	Ant1	66.23	1.79	10
NVNT	ax20	5180	Ant1	95.86	0.18	0.77
NVNT	ax20	5200	Ant1	95.86	0.18	0.77
NVNT	ax20	5240	Ant1	88.27	0.54	2.33
NVNT	ax40	5190	Ant1	88.17	0.55	2.35
NVNT	ax40	5230	Ant1	88.17	0.55	2.35
NVNT	ax80	5210	Ant1	88.03	0.55	2.43
NVNT	ax160	5250	Ant1	89.18	0.5	2.43



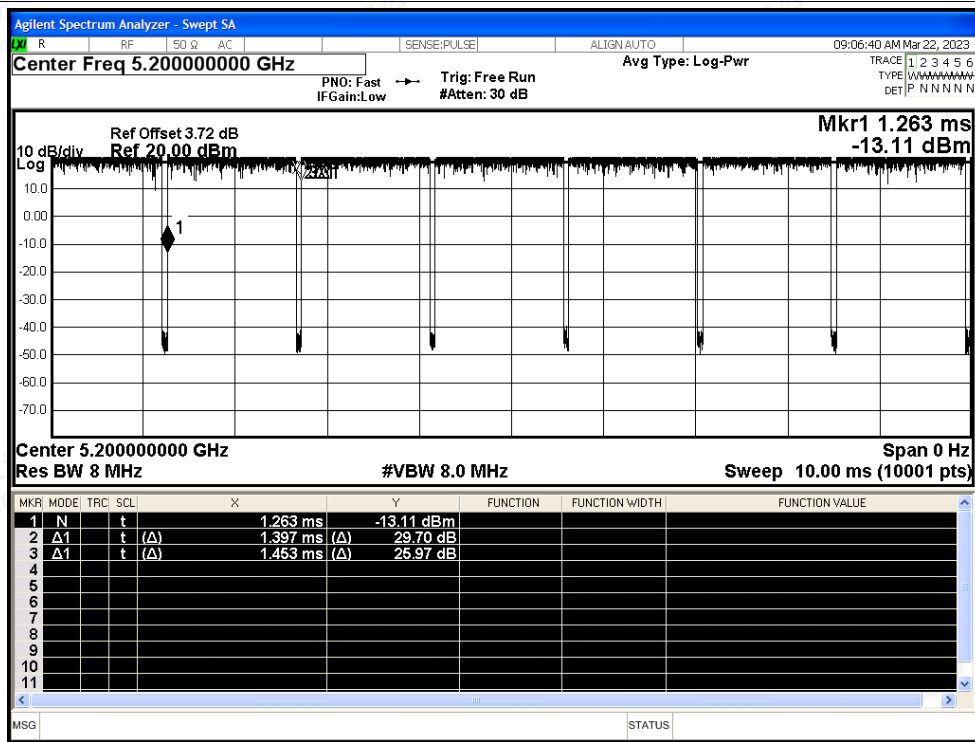


Test Graphs

Duty Cycle NVNT a 5180MHz Ant1

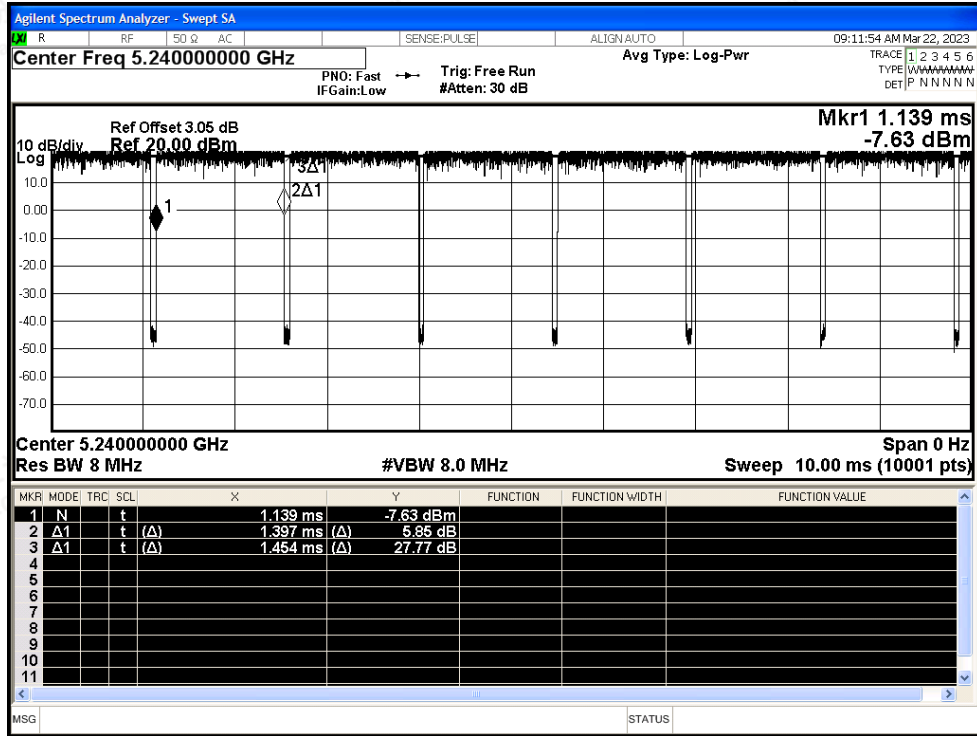


Duty Cycle NVNT a 5200MHz Ant1

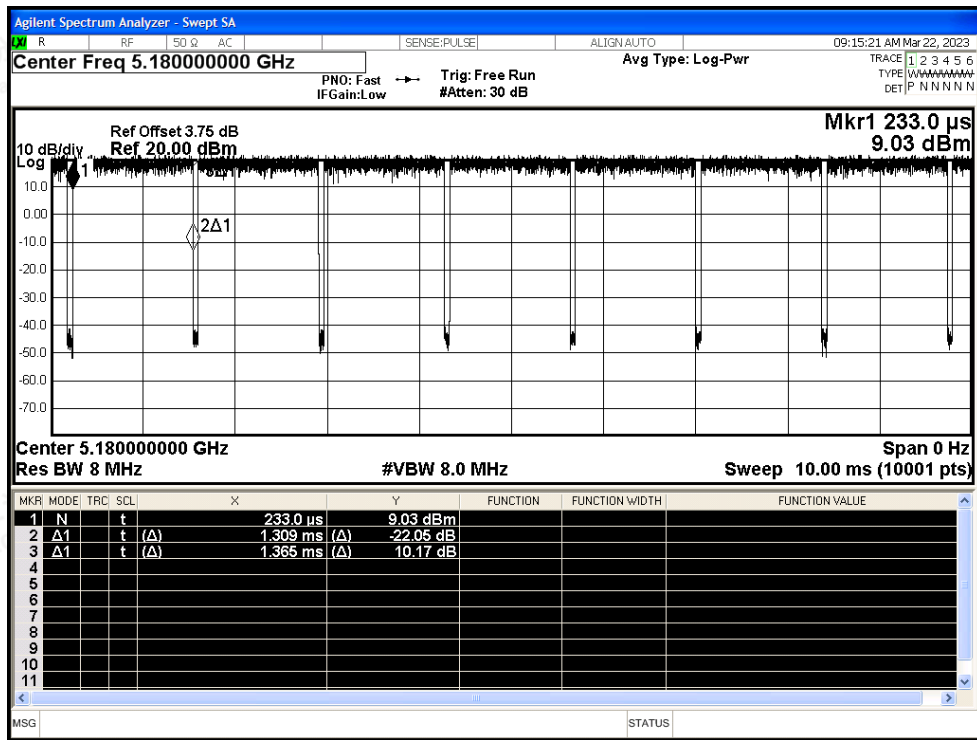




Duty Cycle NVNT a 5240MHz Ant1

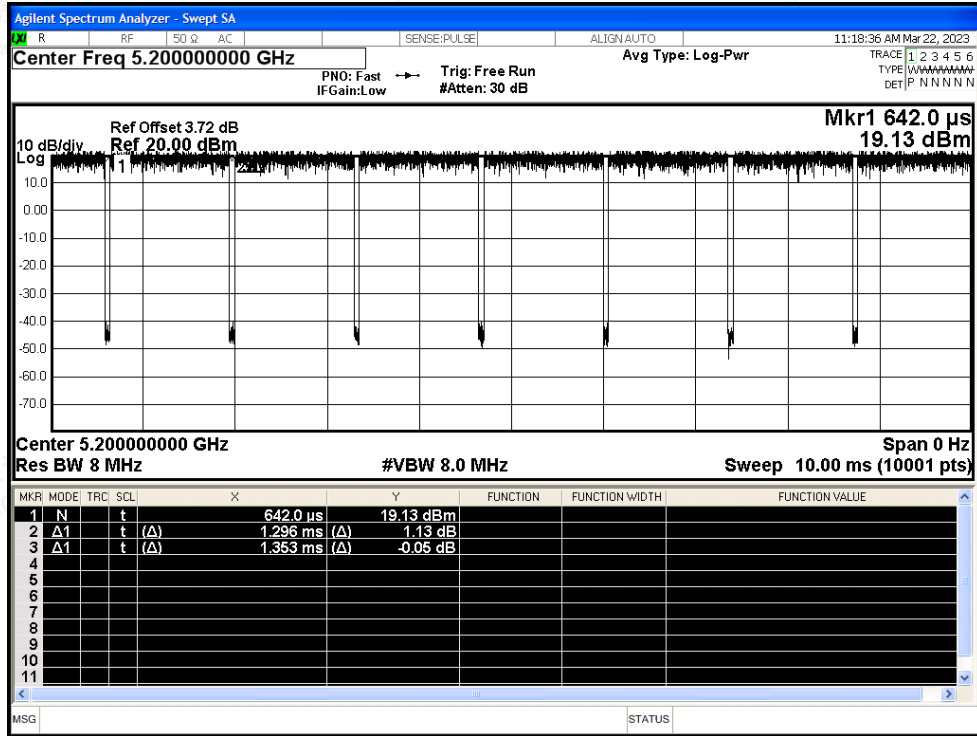


Duty Cycle NVNT n20 5180MHz Ant1

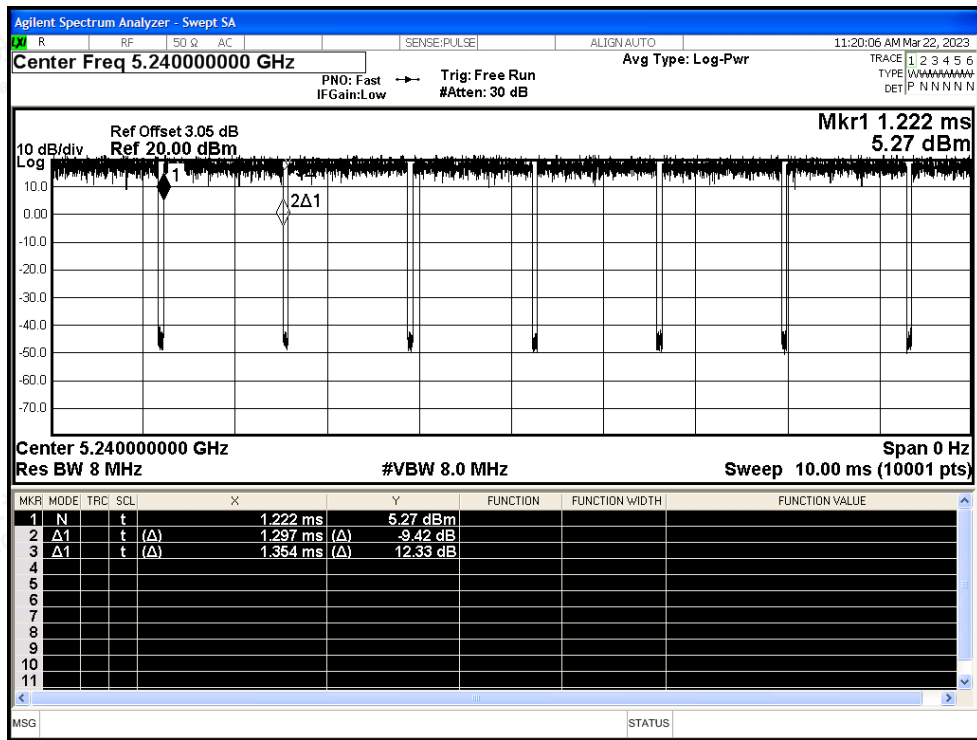




Duty Cycle NVNT n20 5200MHz Ant1

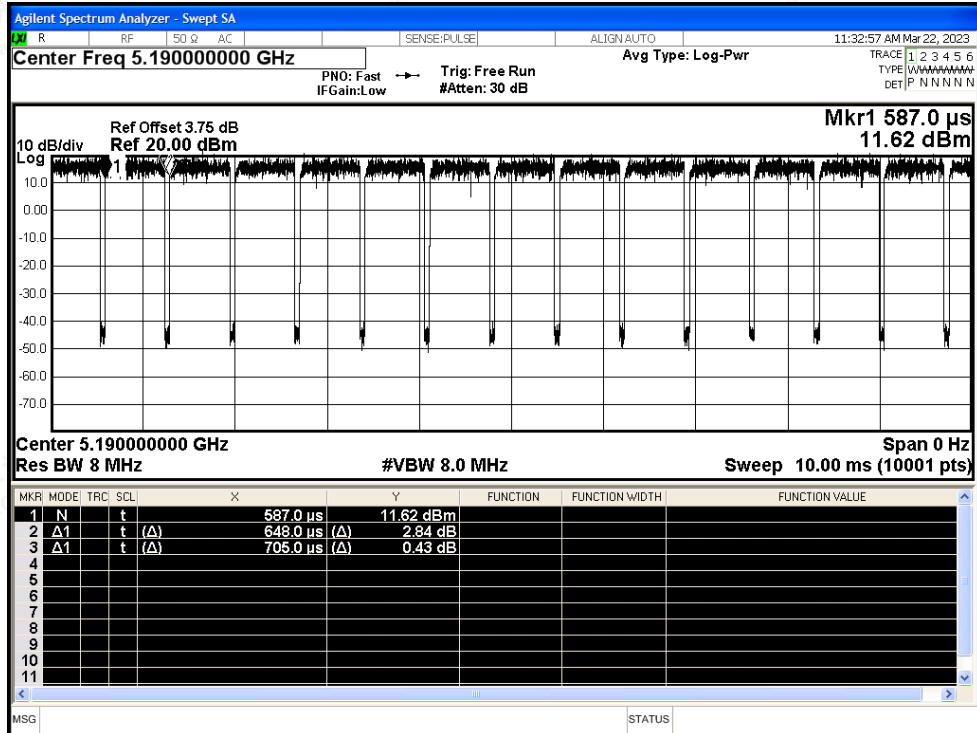


Duty Cycle NVNT n20 5240MHz Ant1

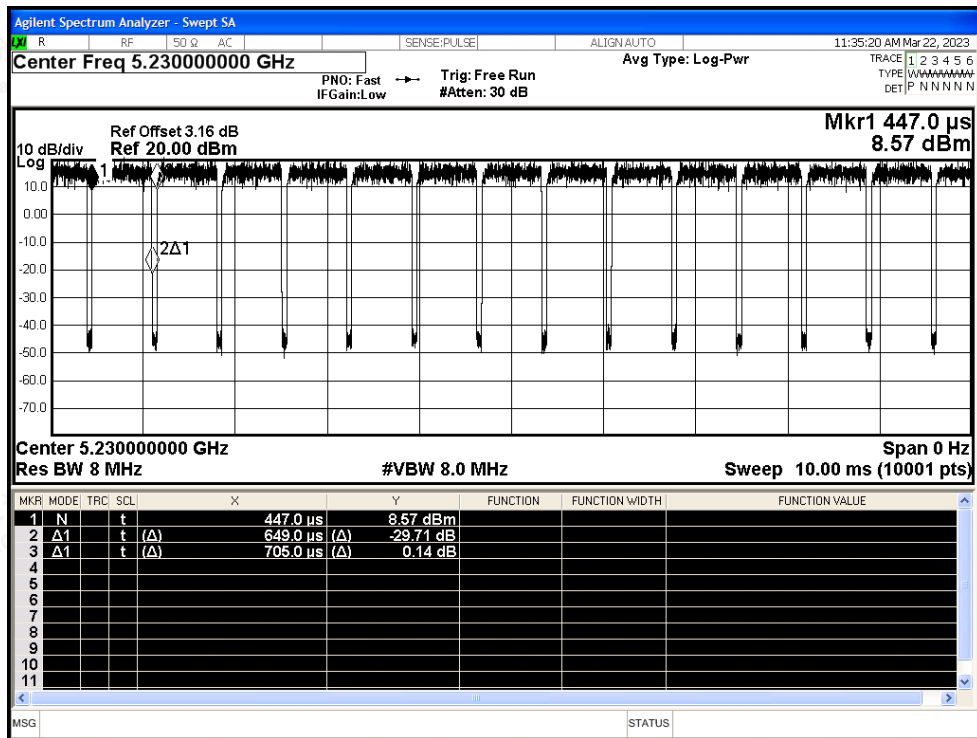




Duty Cycle NVNT n40 5190MHz Ant1

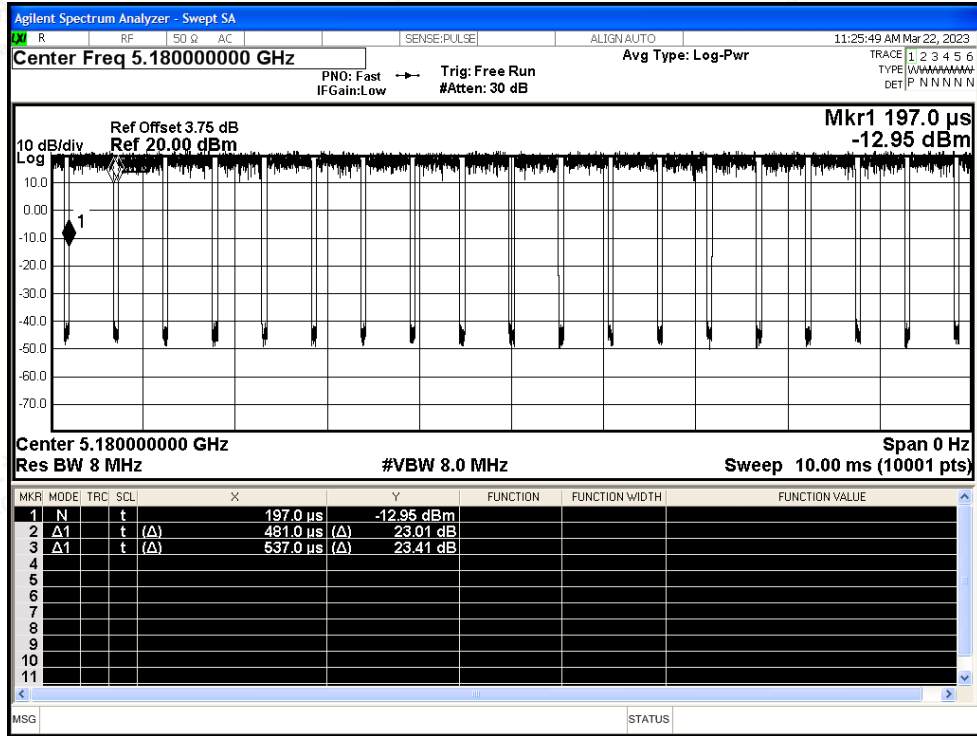


Duty Cycle NVNT n40 5230MHz Ant1

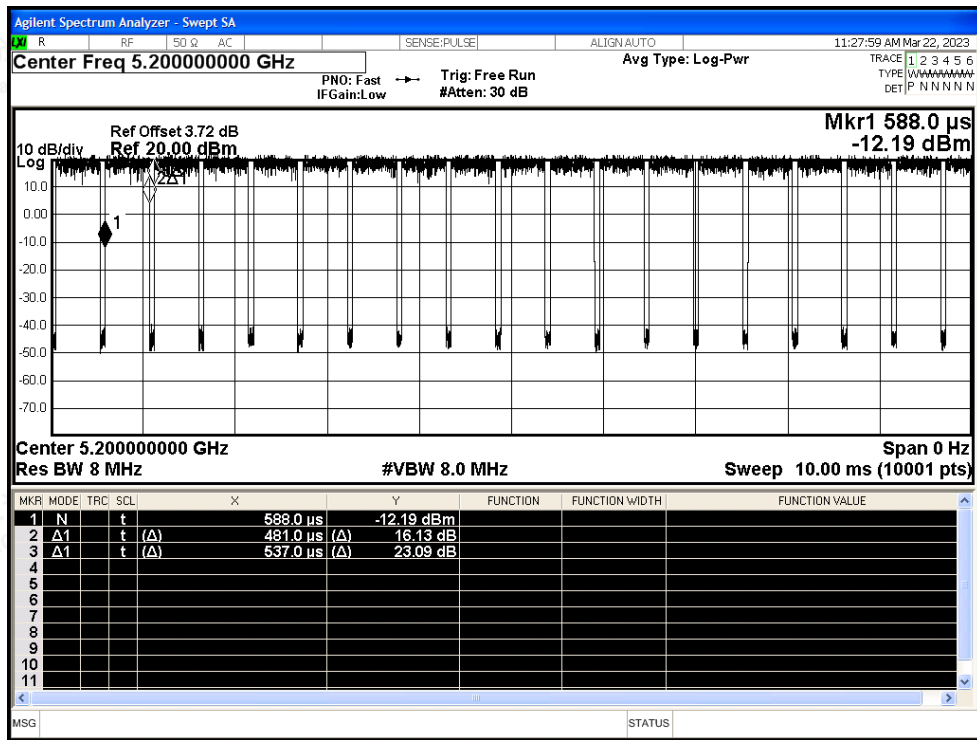




Duty Cycle NVNT ac20 5180MHz Ant1

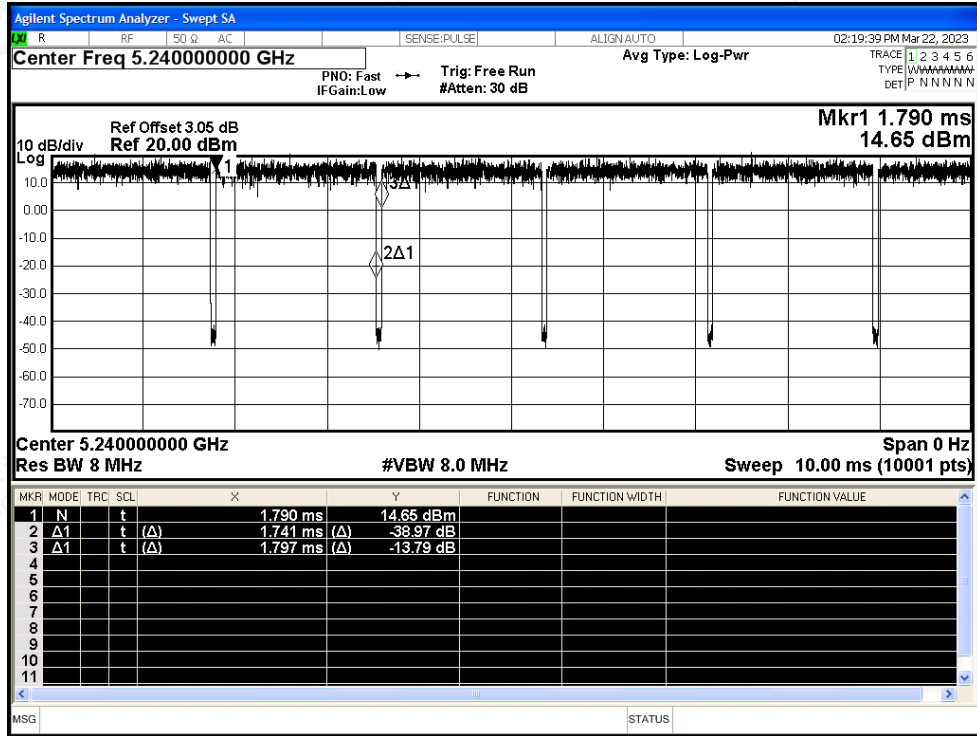


Duty Cycle NVNT ac20 5200MHz Ant1

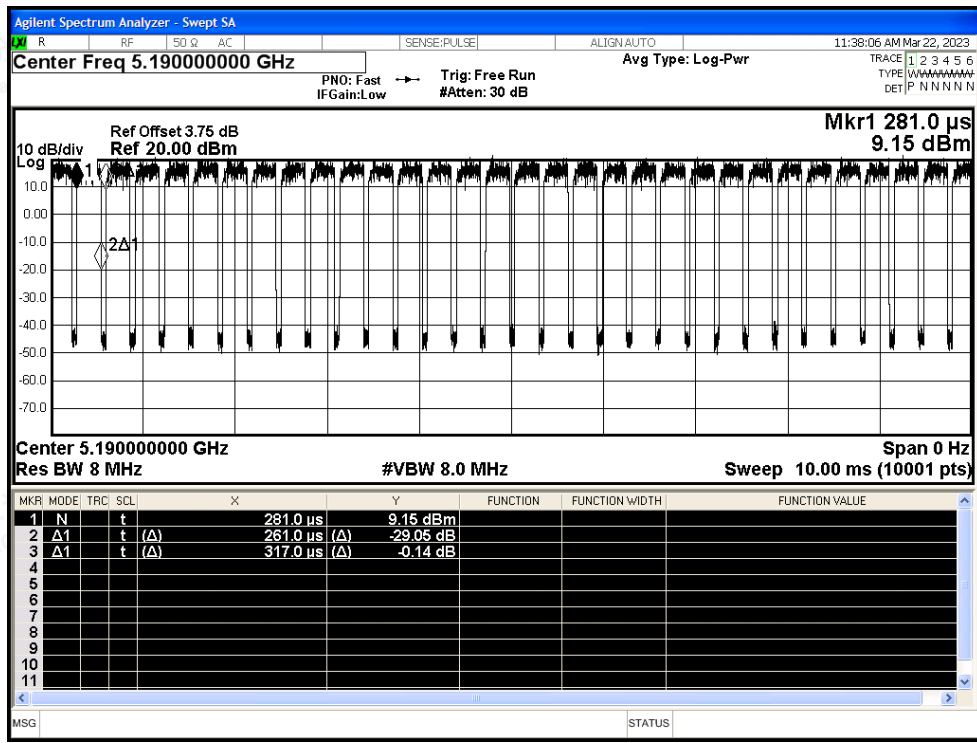




Duty Cycle NVNT ac20 5240MHz Ant1

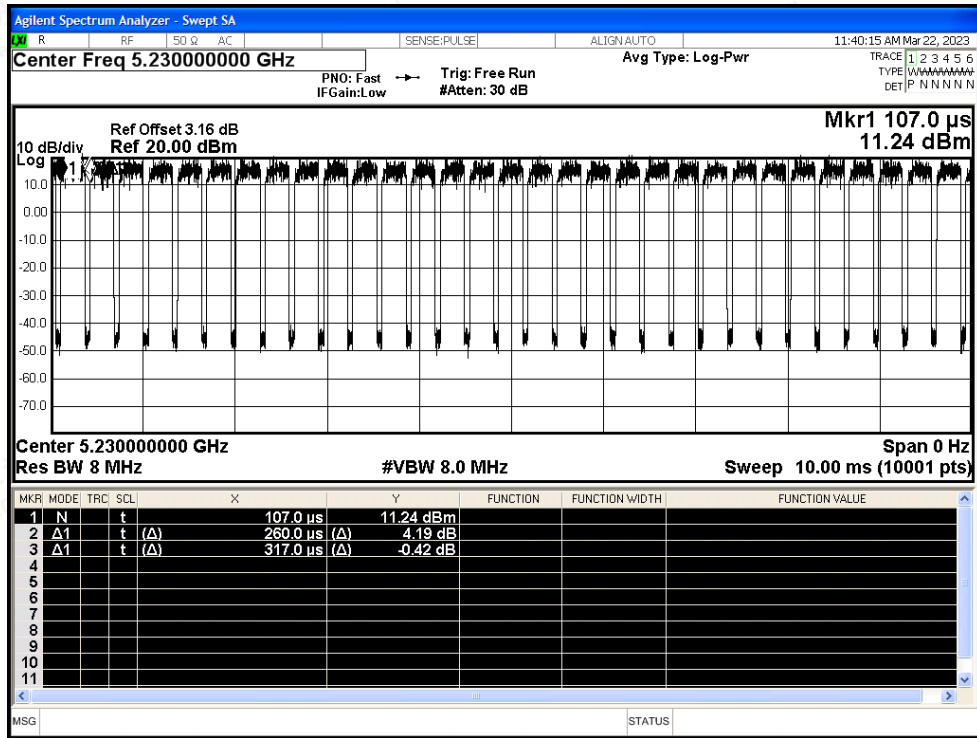


Duty Cycle NVNT ac40 5190MHz Ant1

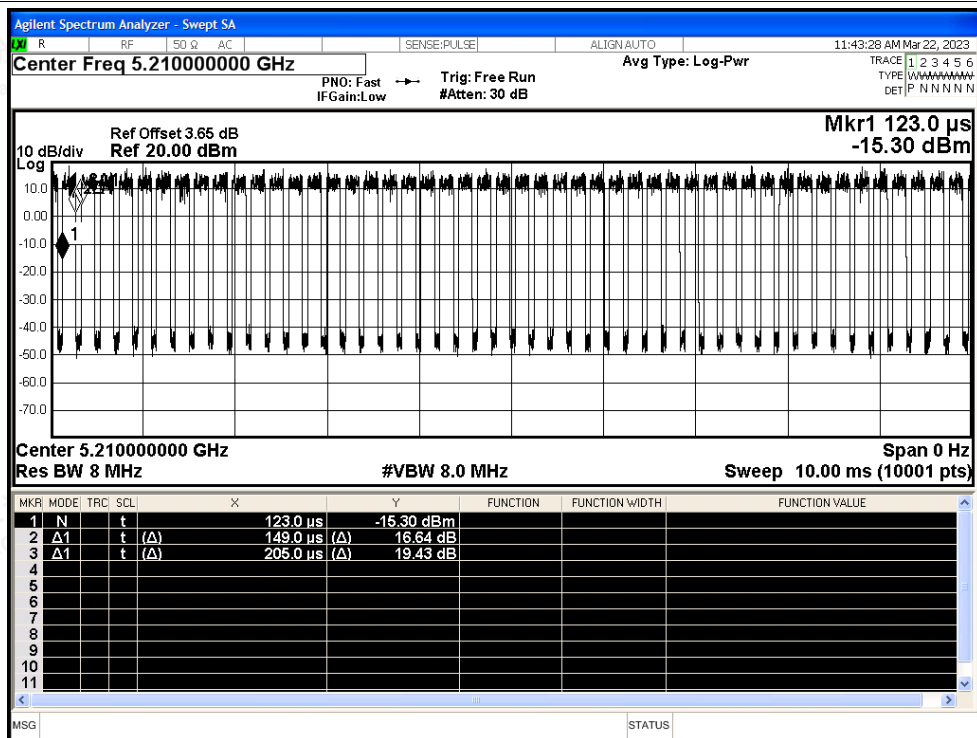




Duty Cycle NVNT ac40 5230MHz Ant1

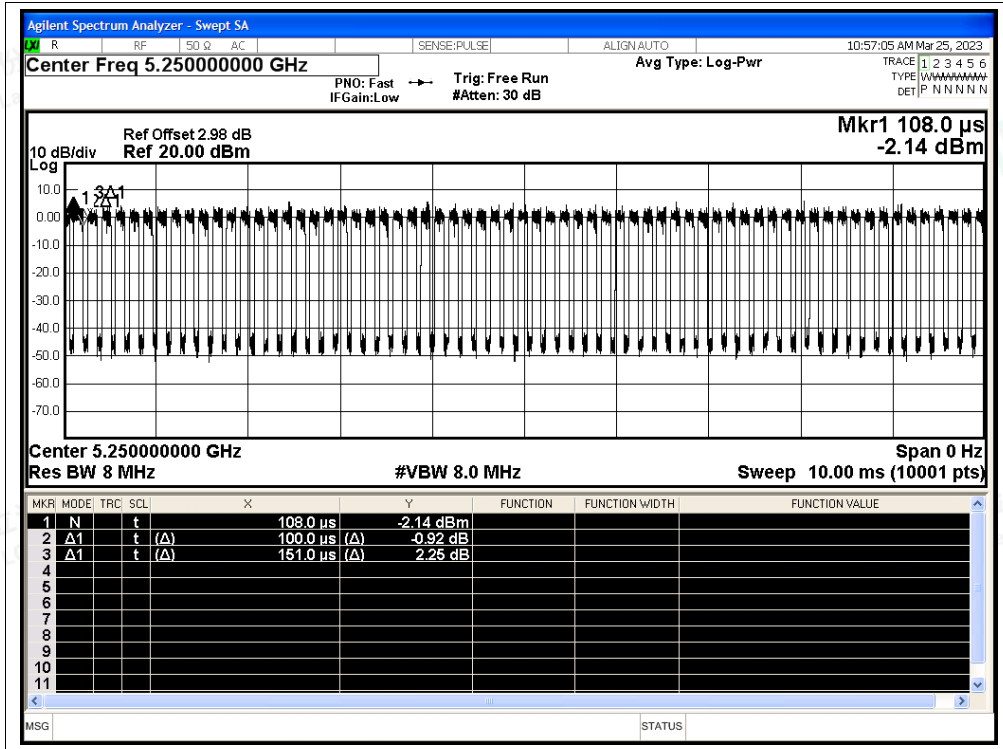


Duty Cycle NVNT ac80 5210MHz Ant1



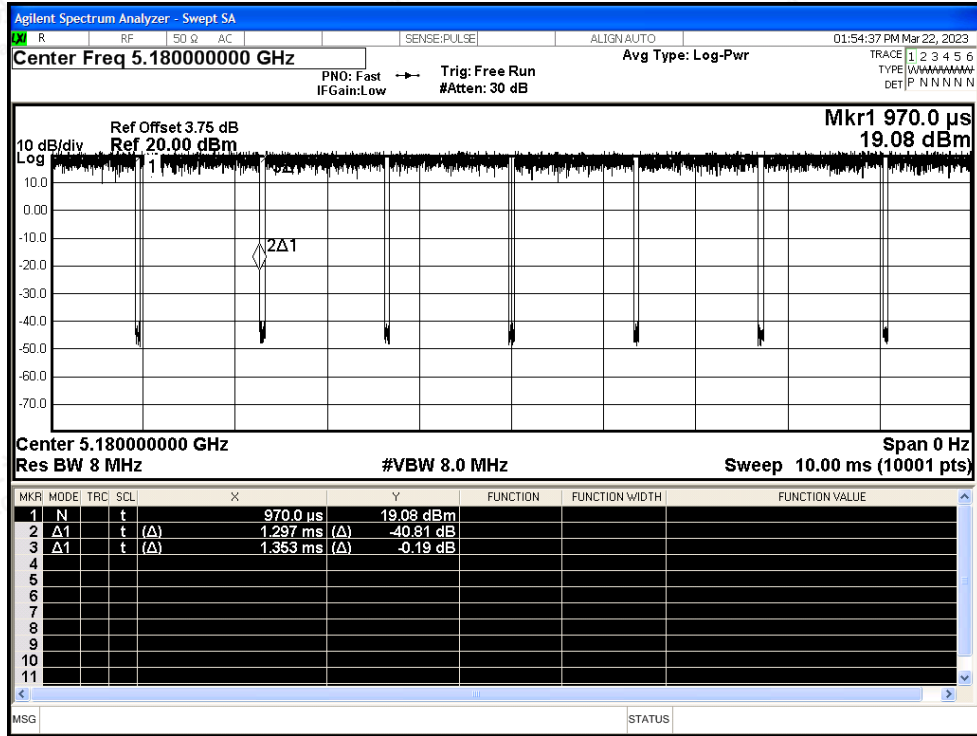
Duty Cycle NVNT ac160 5250MHz Ant1



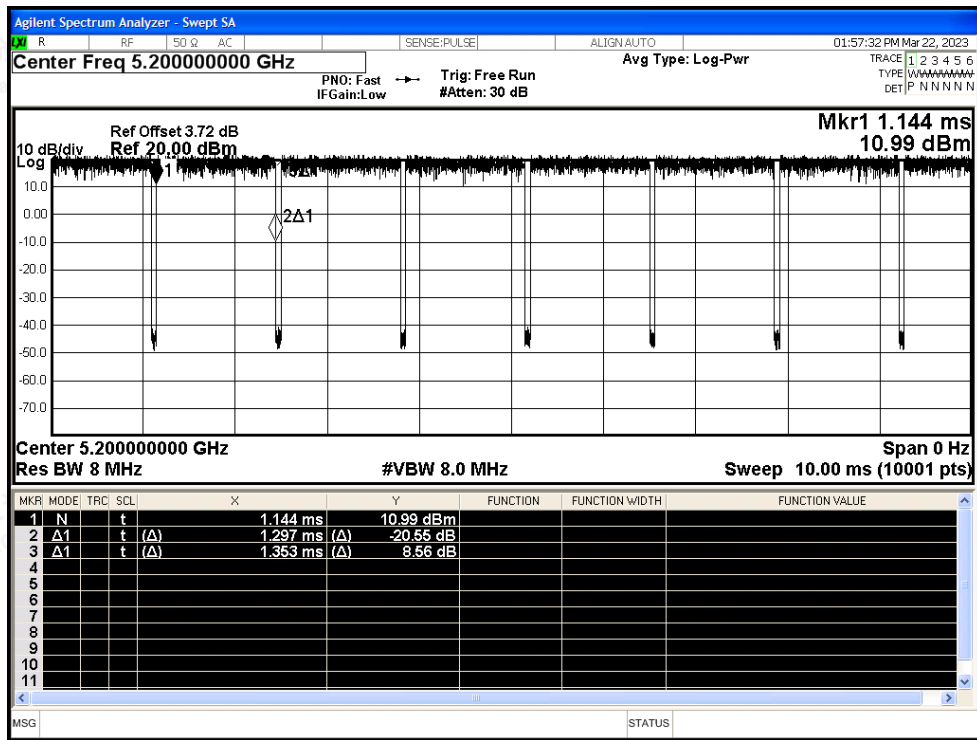




Duty Cycle NVNT ax20 5180MHz Ant1

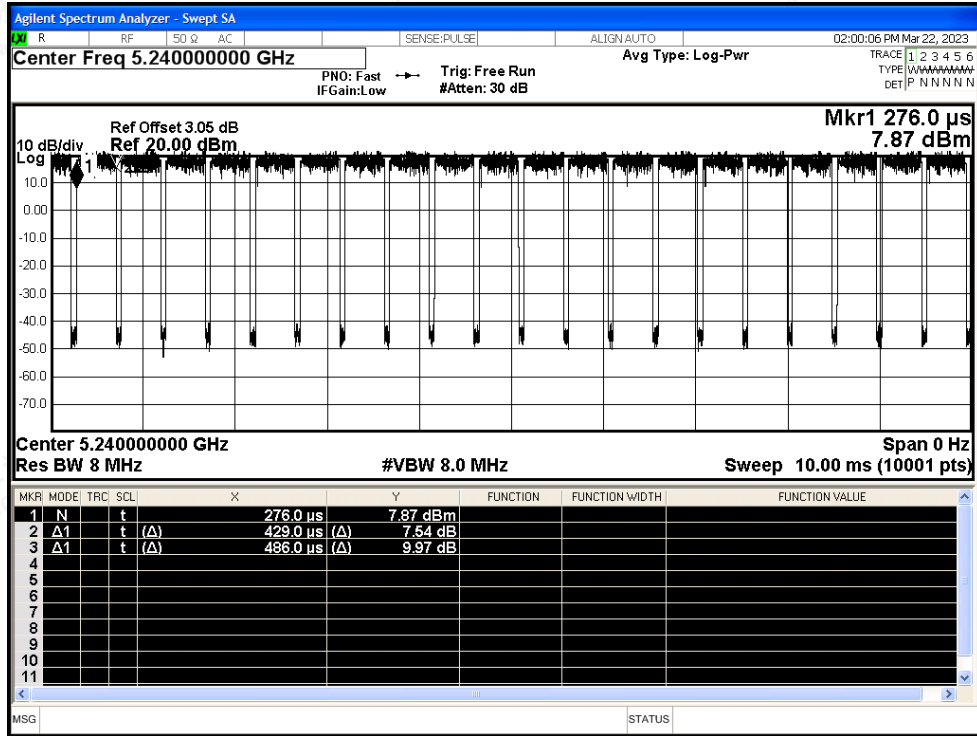


Duty Cycle NVNT ax20 5200MHz Ant1

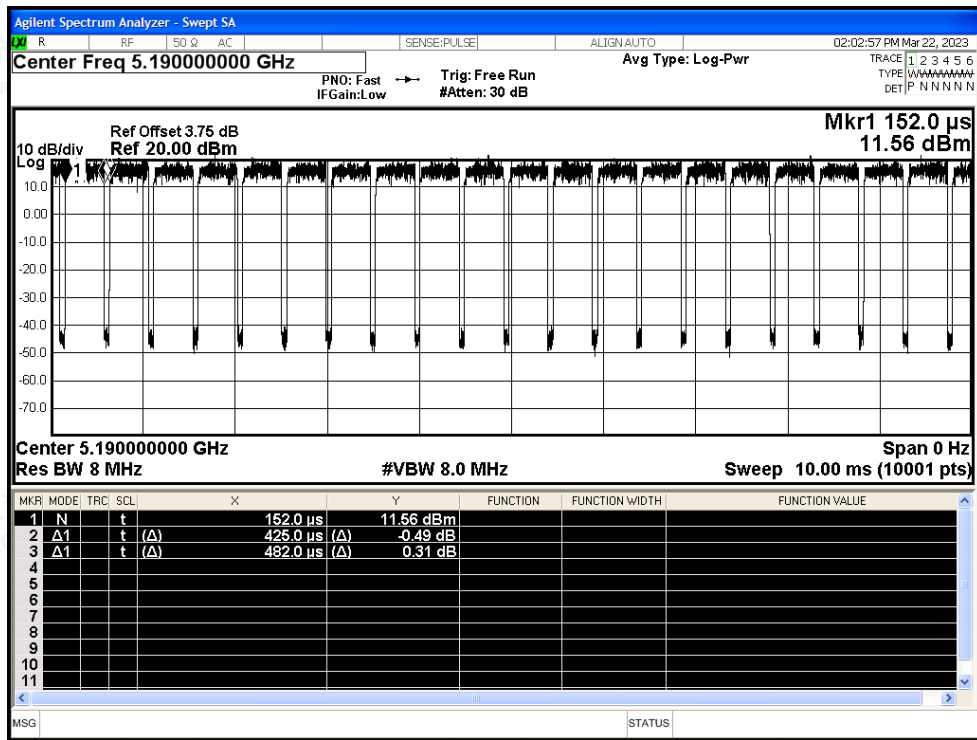




Duty Cycle NVNT ax20 5240MHz Ant1

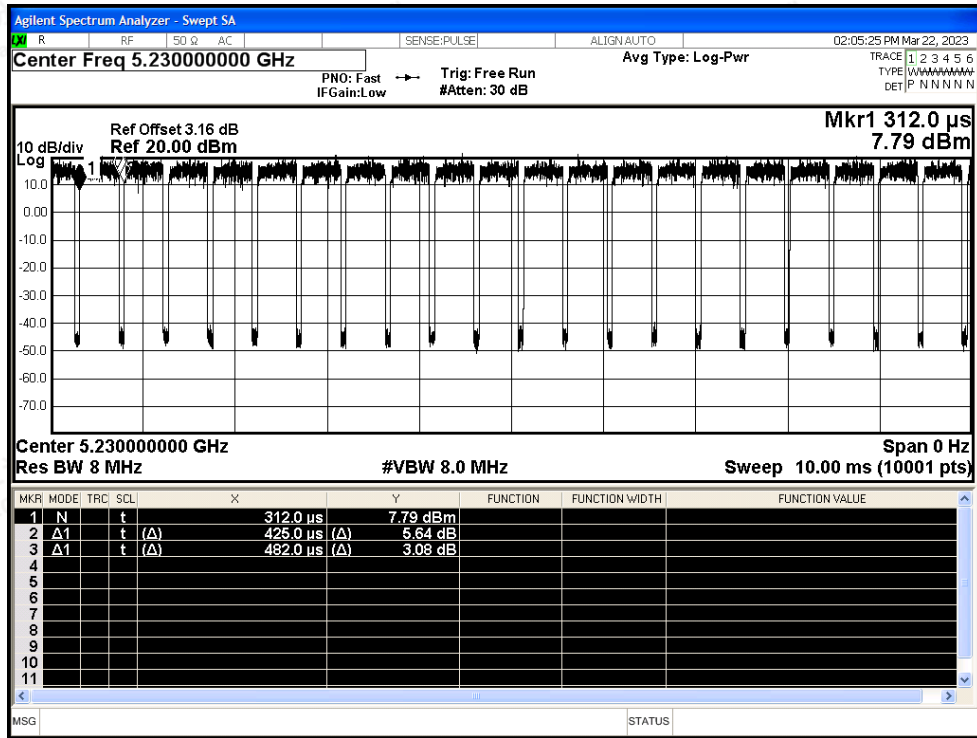


Duty Cycle NVNT ax40 5190MHz Ant1

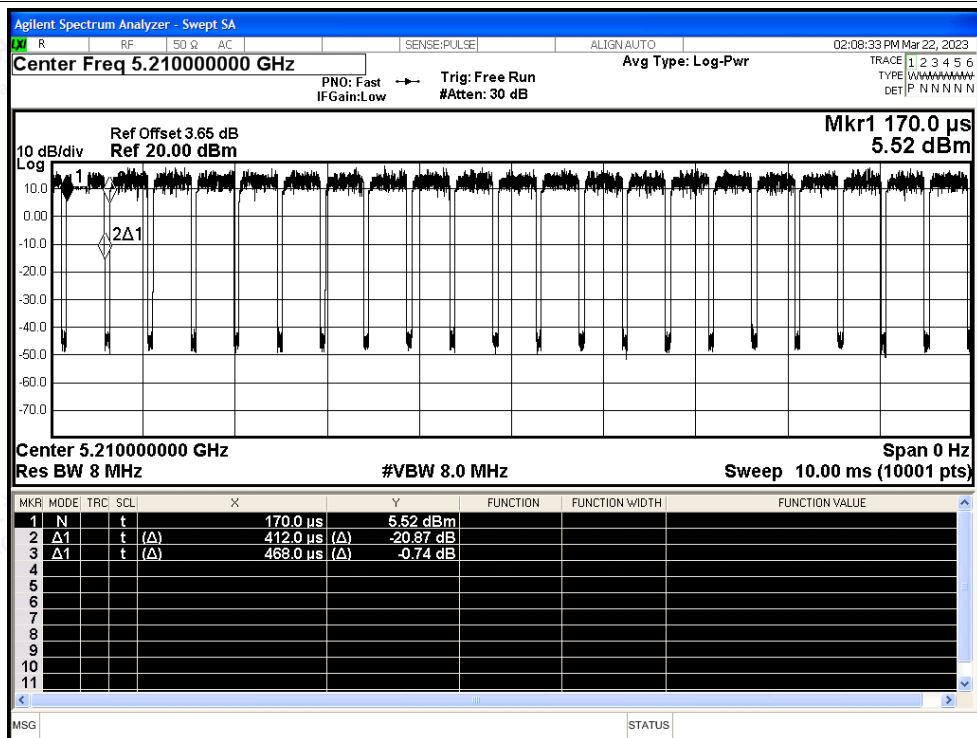




Duty Cycle NVNT ax40 5230MHz Ant1

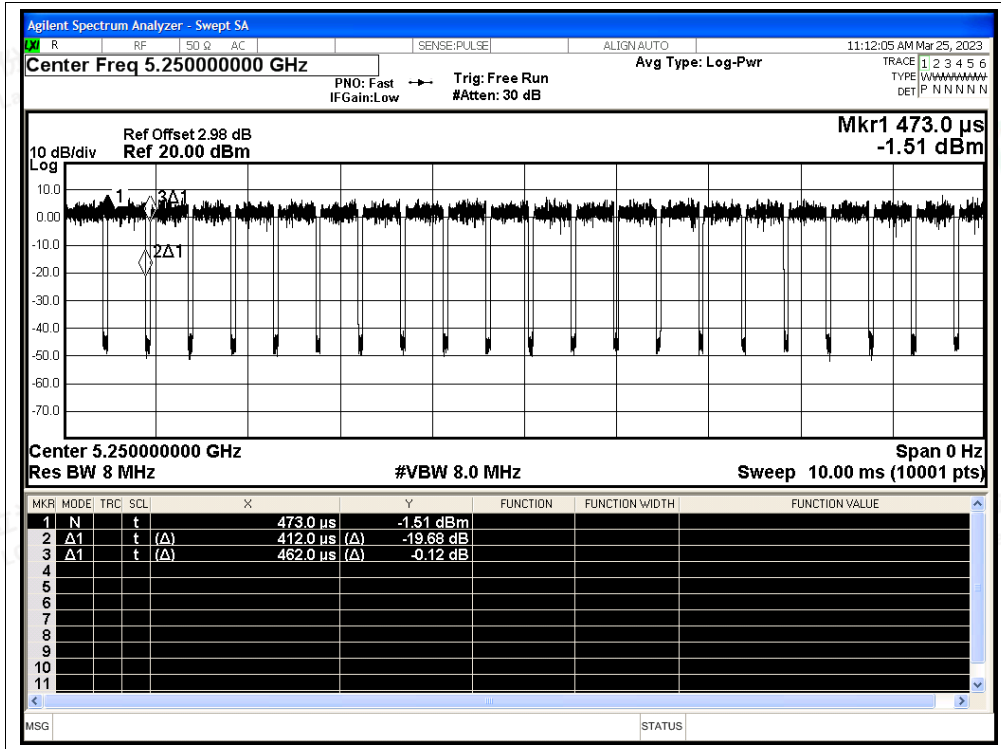


Duty Cycle NVNT ax80 5210MHz Ant1



Duty Cycle NVNT ax160 5250MHz Ant1





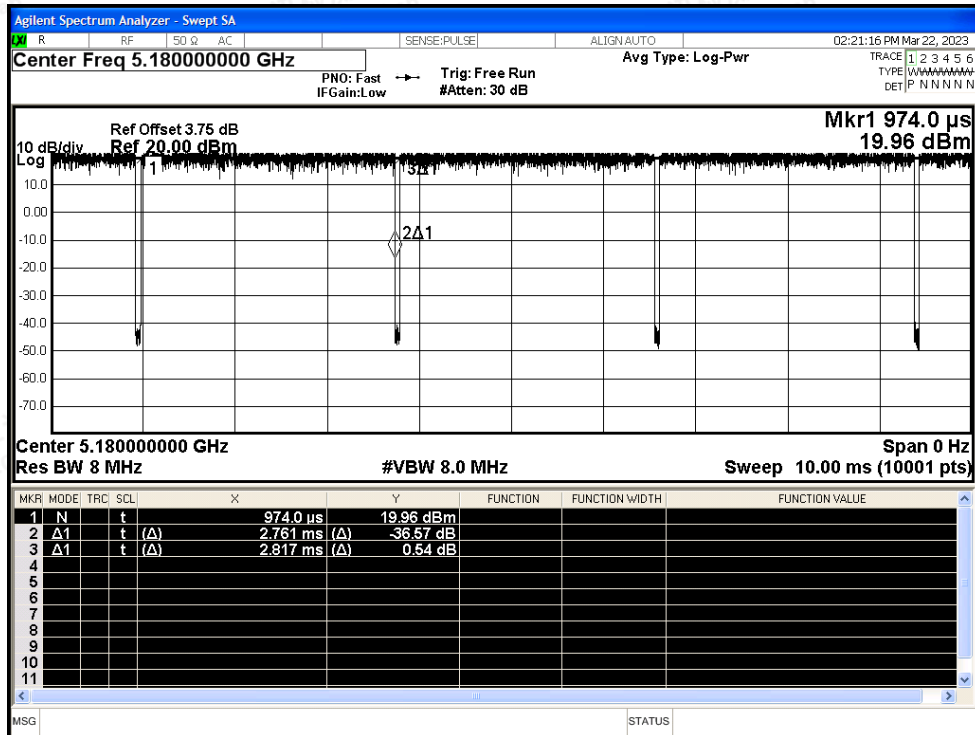
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant2	98.01	0	0.36
NVNT	a	5200	Ant2	98.01	0	0.36
NVNT	a	5240	Ant2	97.98	0.09	0.36
NVNT	n20	5180	Ant2	95.89	0.18	0.77
NVNT	n20	5200	Ant2	95.81	0.19	0.77
NVNT	n20	5240	Ant2	95.81	0.19	0.77
NVNT	n40	5190	Ant2	92.06	0.36	1.54
NVNT	n40	5230	Ant2	91.91	0.37	1.54
NVNT	ac20	5180	Ant2	89.57	0.48	2.08
NVNT	ac20	5200	Ant2	89.57	0.48	2.08
NVNT	ac20	5240	Ant2	89.39	0.49	2.08
NVNT	ac40	5190	Ant2	82.02	0.86	3.85
NVNT	ac40	5230	Ant2	82.02	0.86	3.85
NVNT	ac80	5210	Ant2	72.68	1.39	6.71
NVNT	ac160	5250	Ant2	66.89	1.75	9.9
NVNT	ax20	5180	Ant2	88.45	0.53	2.33
NVNT	ax20	5200	Ant2	88.48	0.53	2.33
NVNT	ax20	5240	Ant2	88.27	0.54	2.33
NVNT	ax40	5190	Ant2	88.38	0.54	2.35
NVNT	ax40	5230	Ant2	88.17	0.55	2.35
NVNT	ax80	5210	Ant2	87.82	0.56	2.43
NVNT	ax160	5250	Ant2	89.18	0.5	2.43



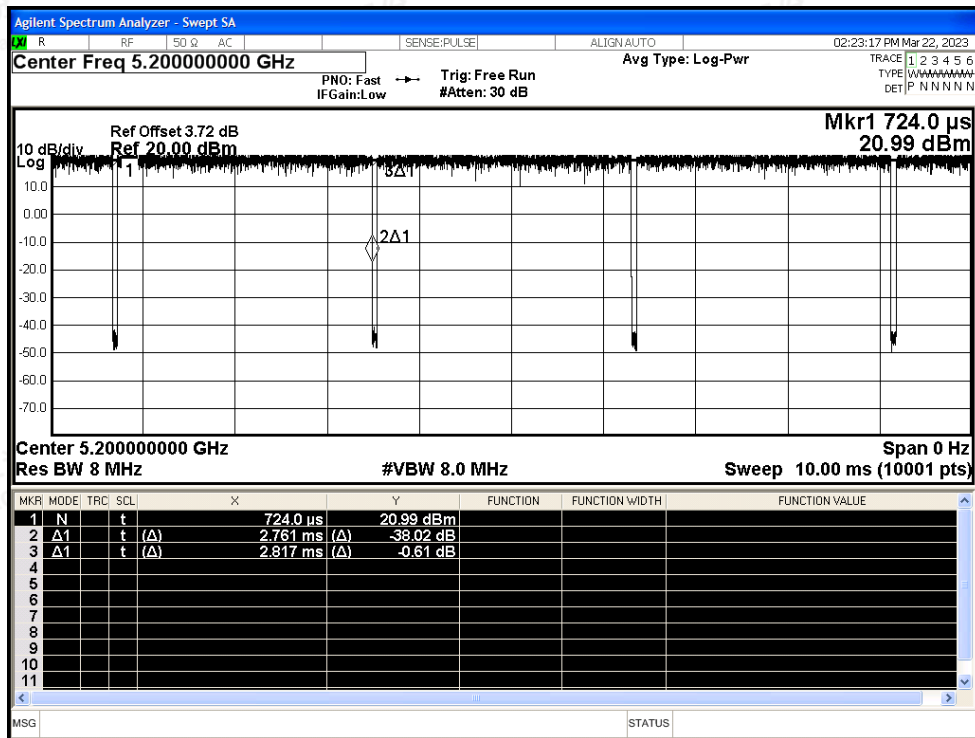


Test Graphs

Duty Cycle NVNT a 5180MHz Ant2

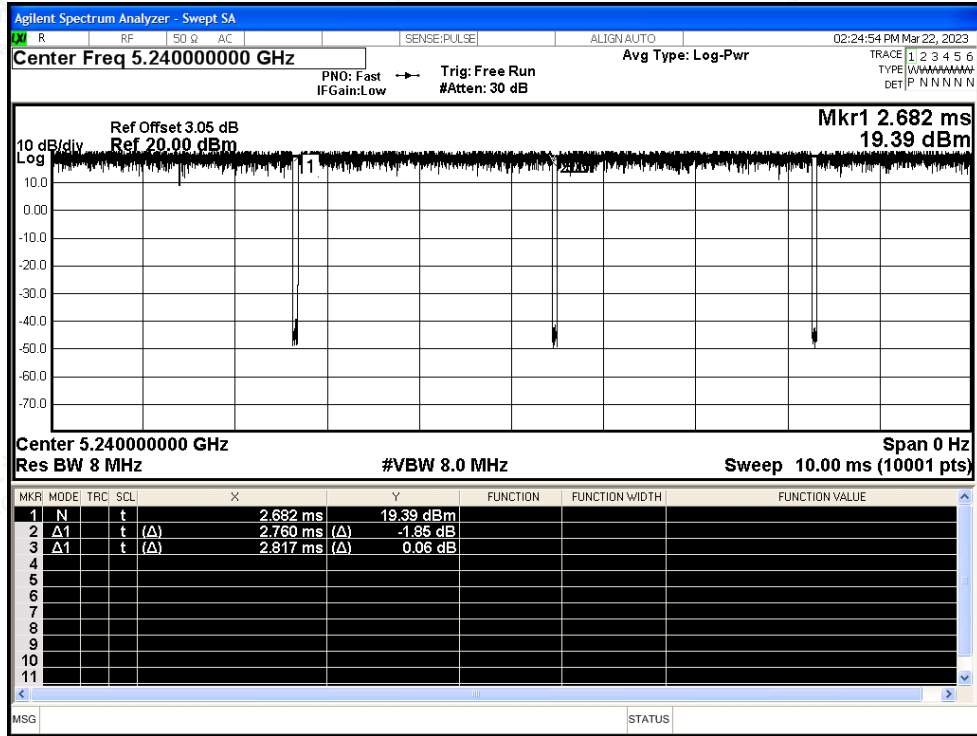


Duty Cycle NVNT a 5200MHz Ant2

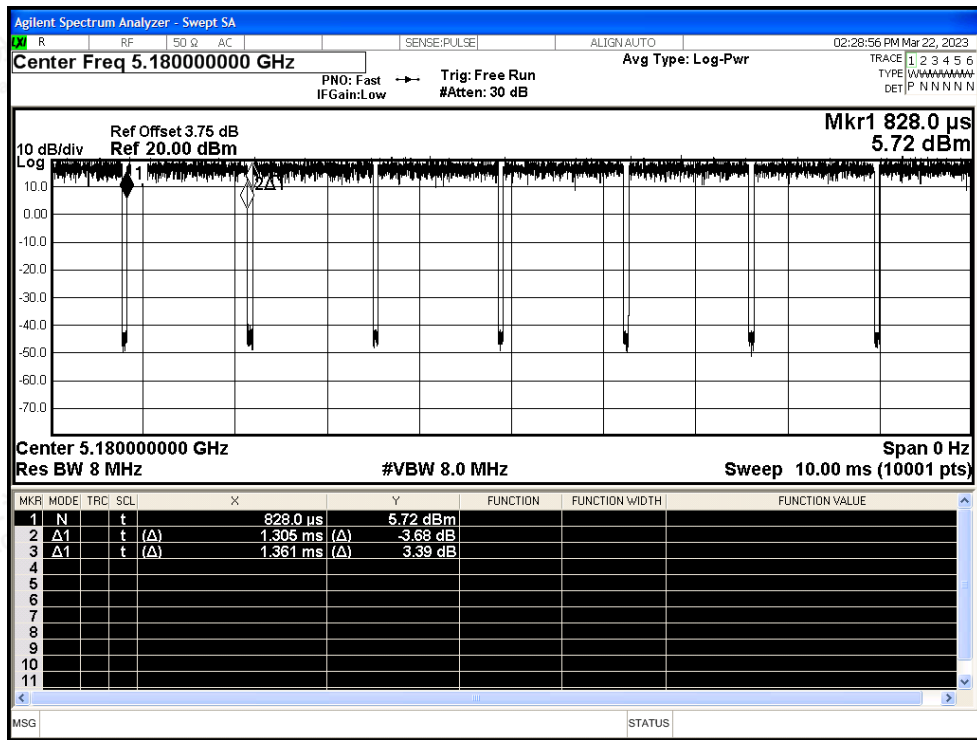




Duty Cycle NVNT a 5240MHz Ant2

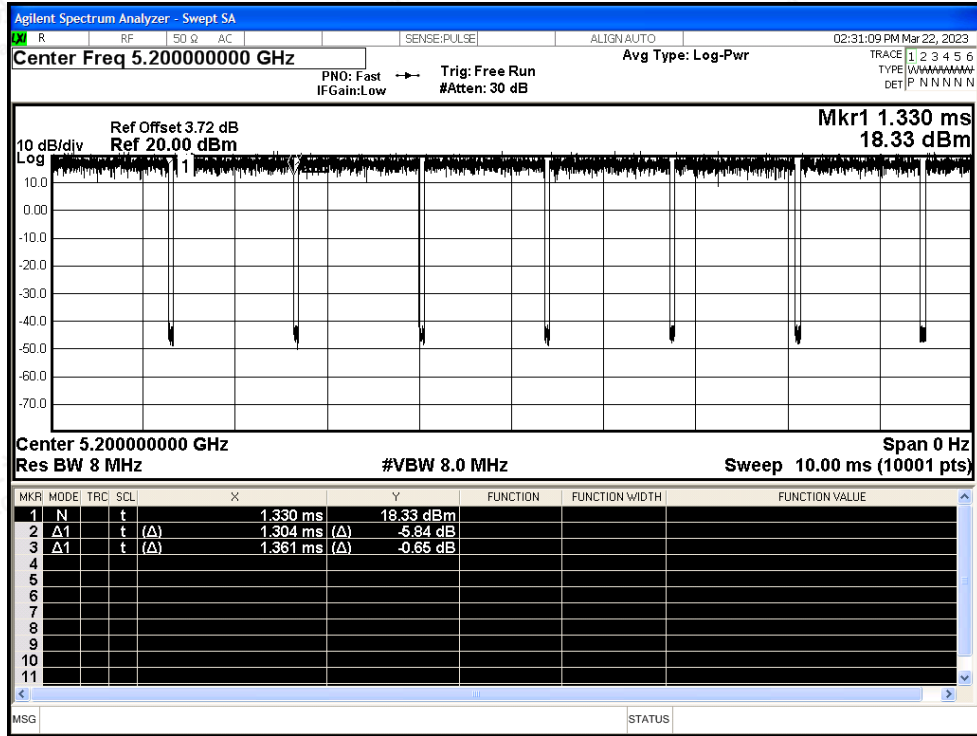


Duty Cycle NVNT n20 5180MHz Ant2

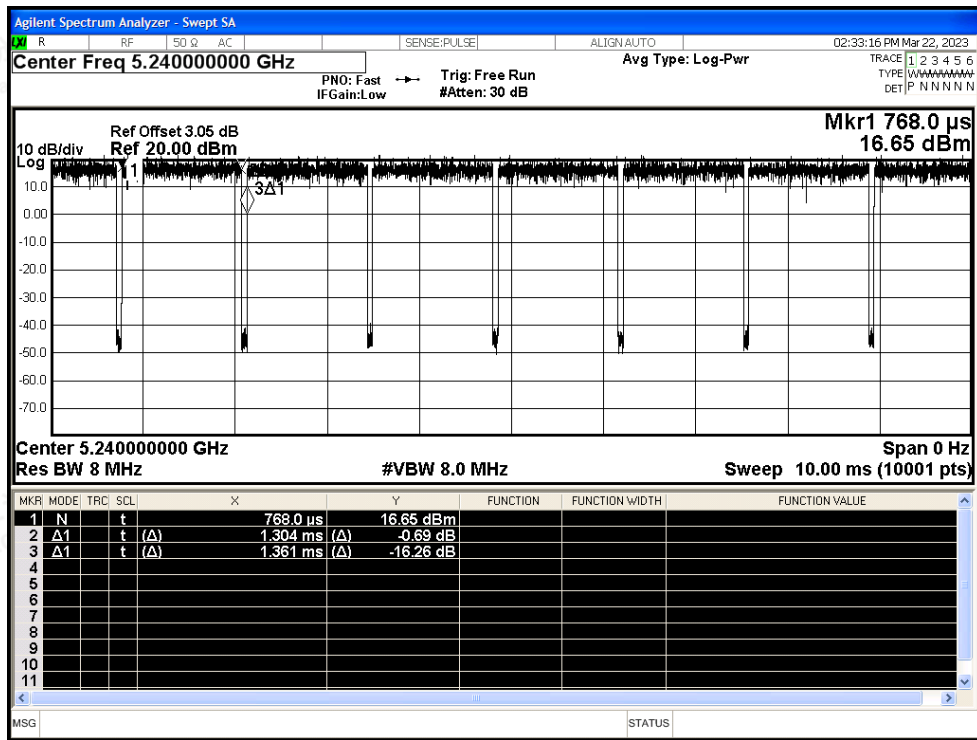




Duty Cycle NVNT n20 5200MHz Ant2

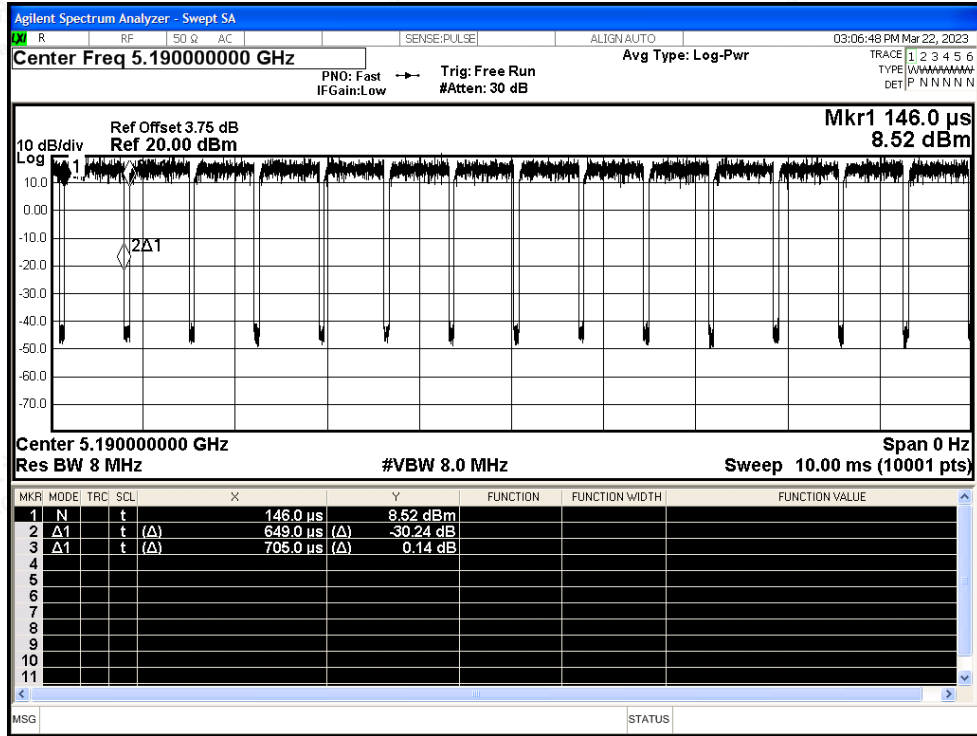


Duty Cycle NVNT n20 5240MHz Ant2

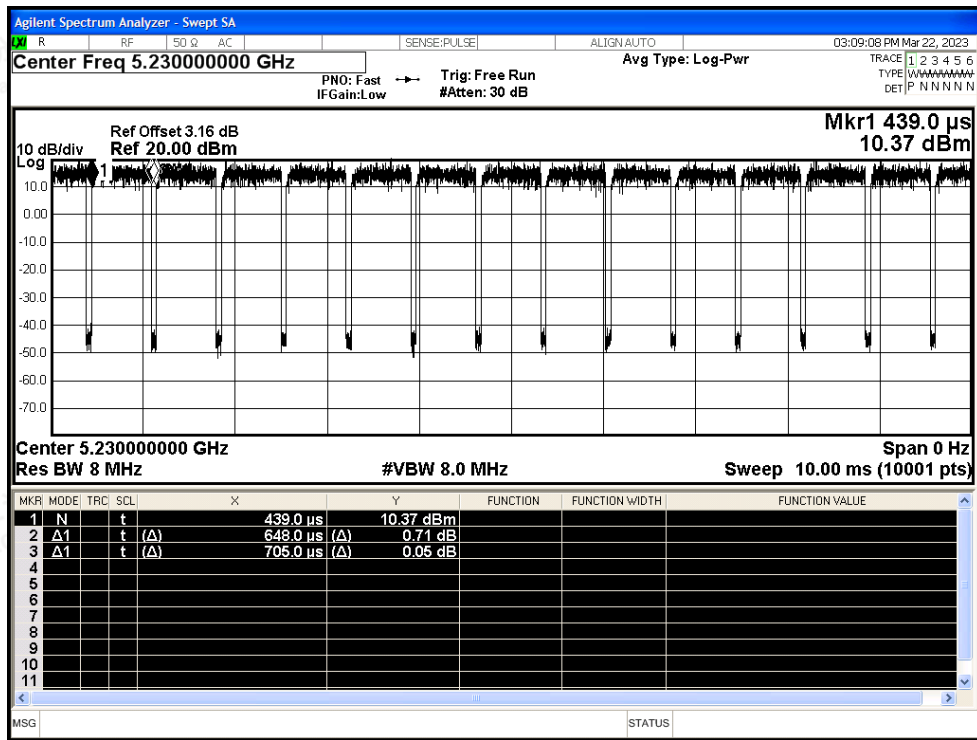




Duty Cycle NVNT n40 5190MHz Ant2

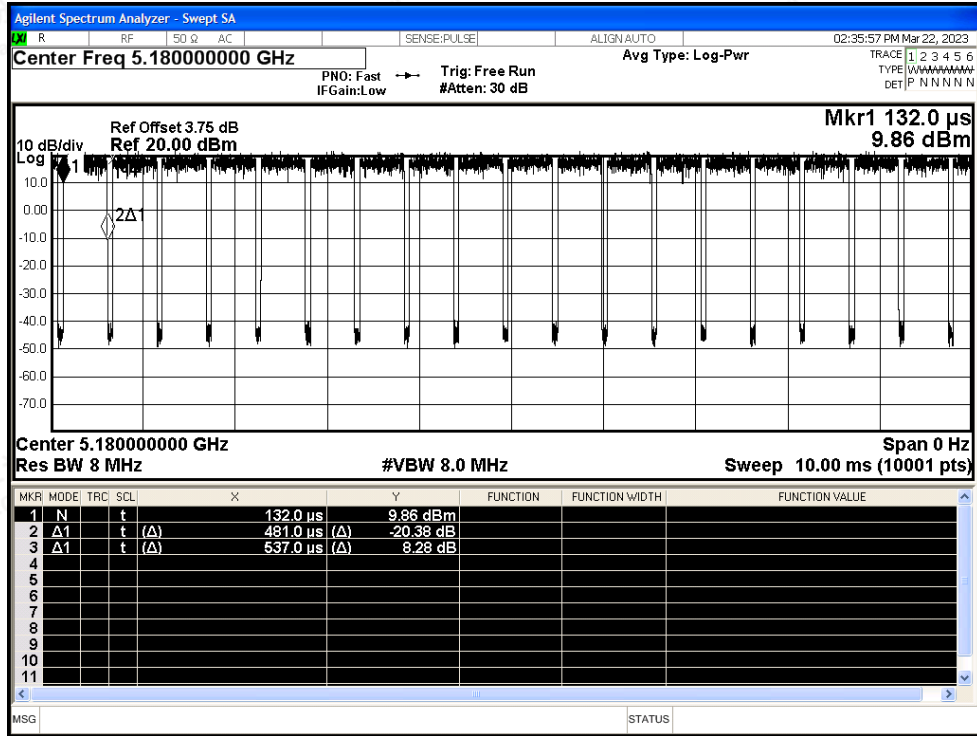


Duty Cycle NVNT n40 5230MHz Ant2

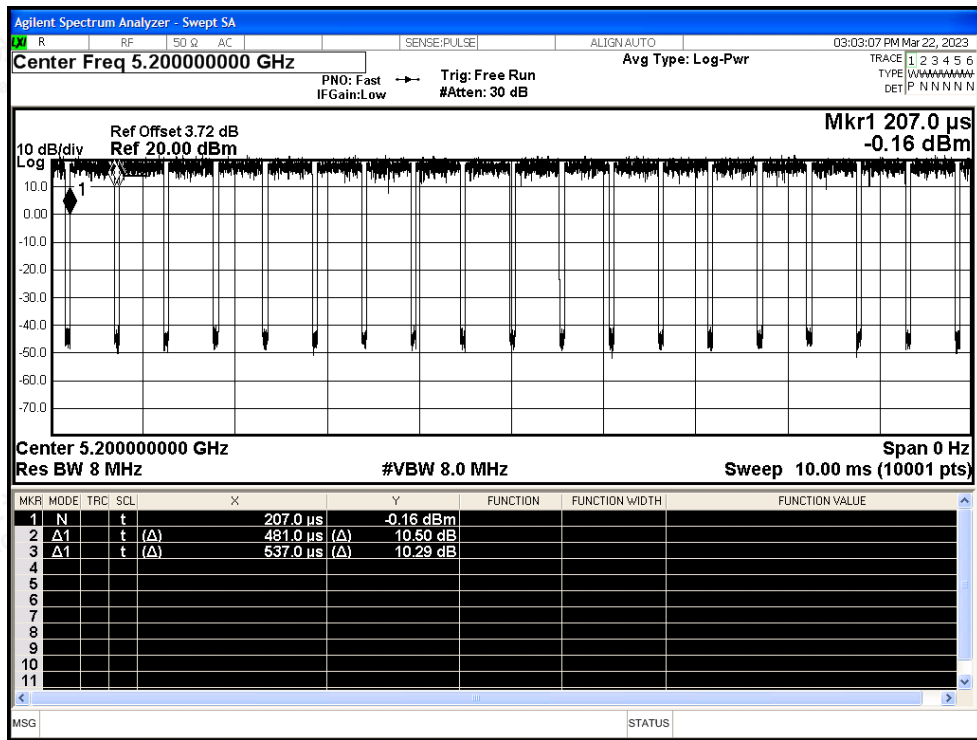




Duty Cycle NVNT ac20 5180MHz Ant2

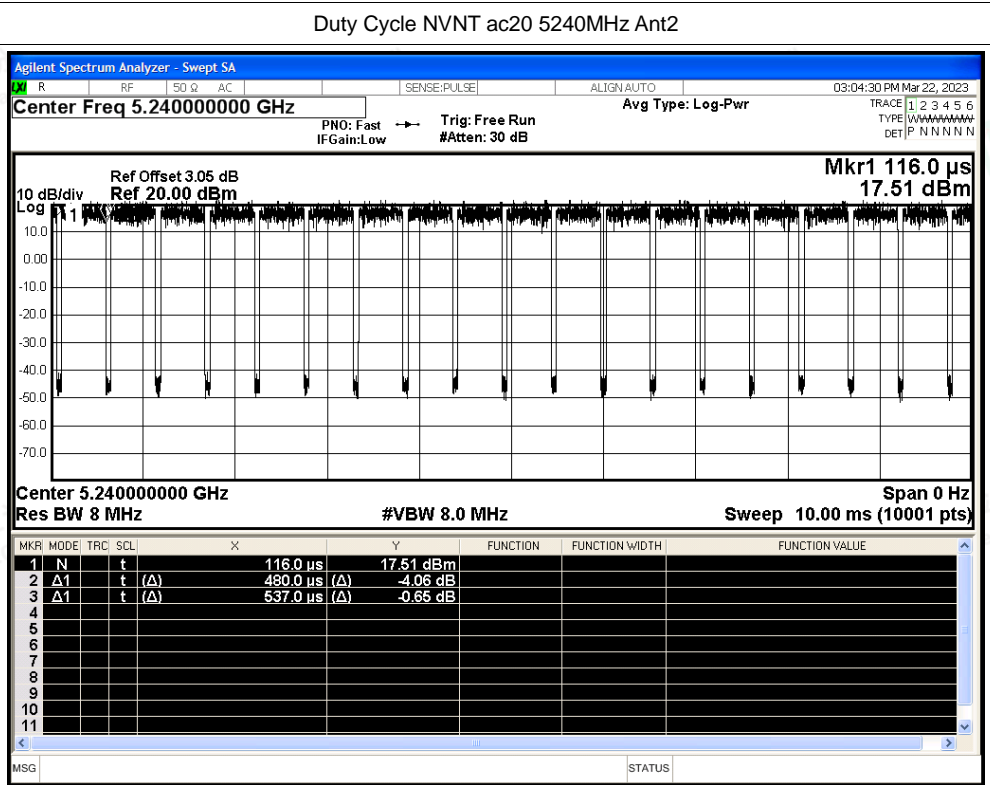


Duty Cycle NVNT ac20 5200MHz Ant2

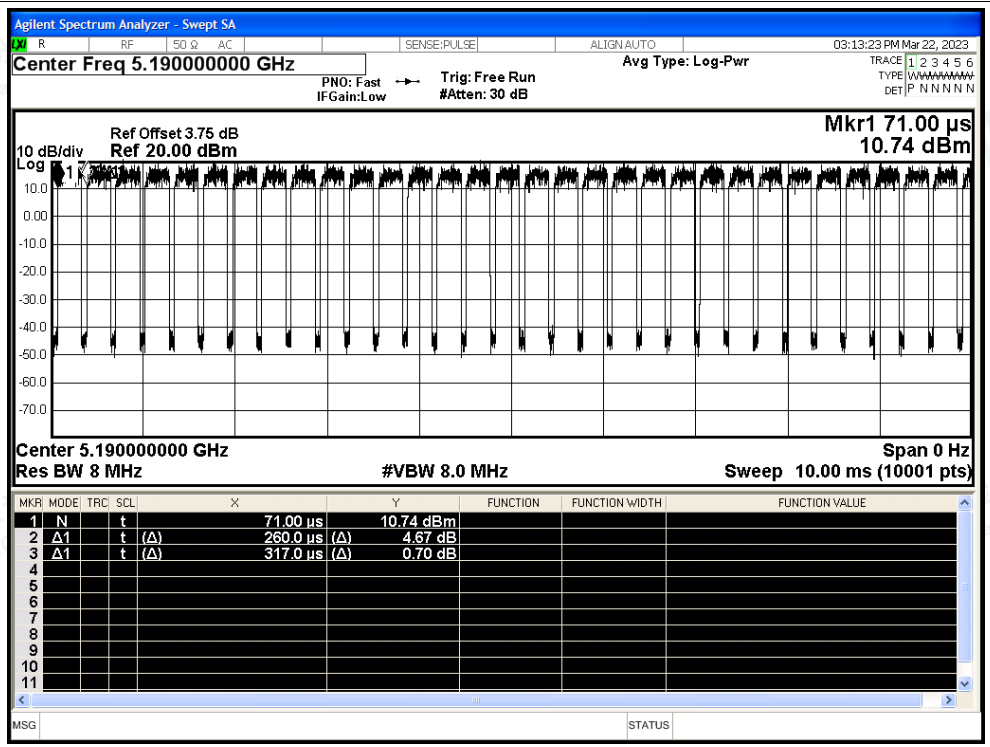




Duty Cycle NVNT ac20 5240MHz Ant2

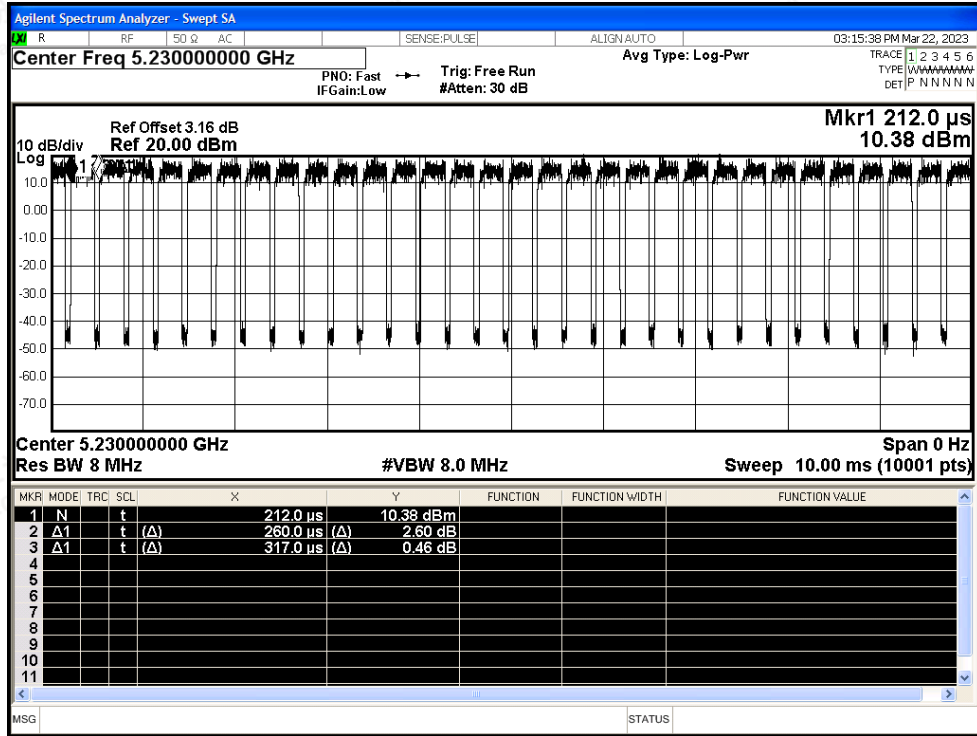


Duty Cycle NVNT ac40 5190MHz Ant2

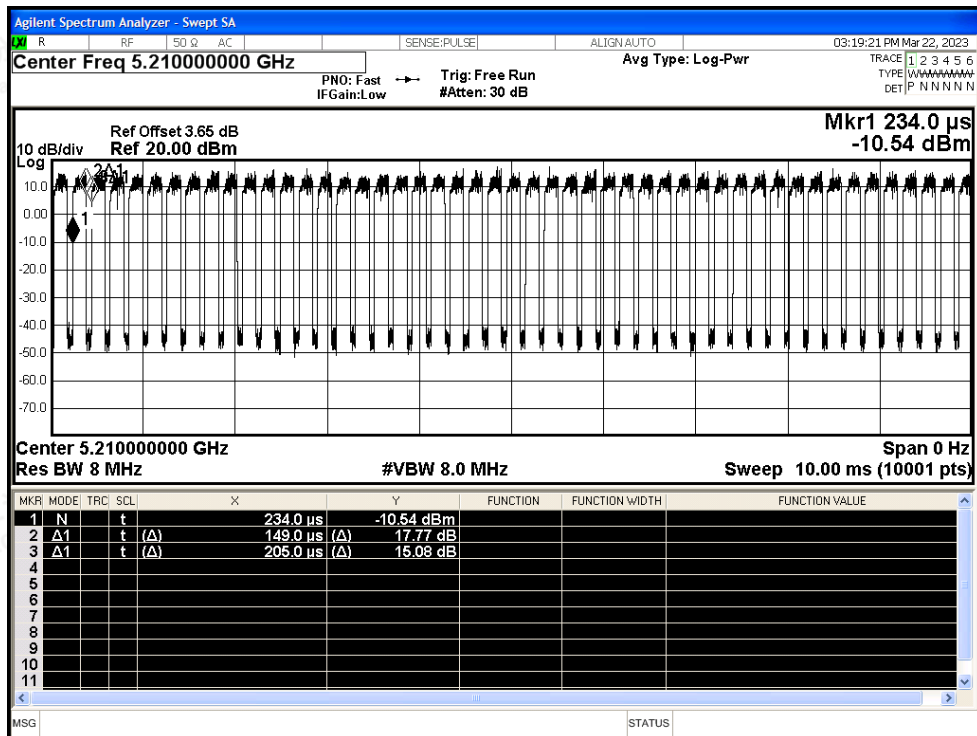




Duty Cycle NVNT ac40 5230MHz Ant2

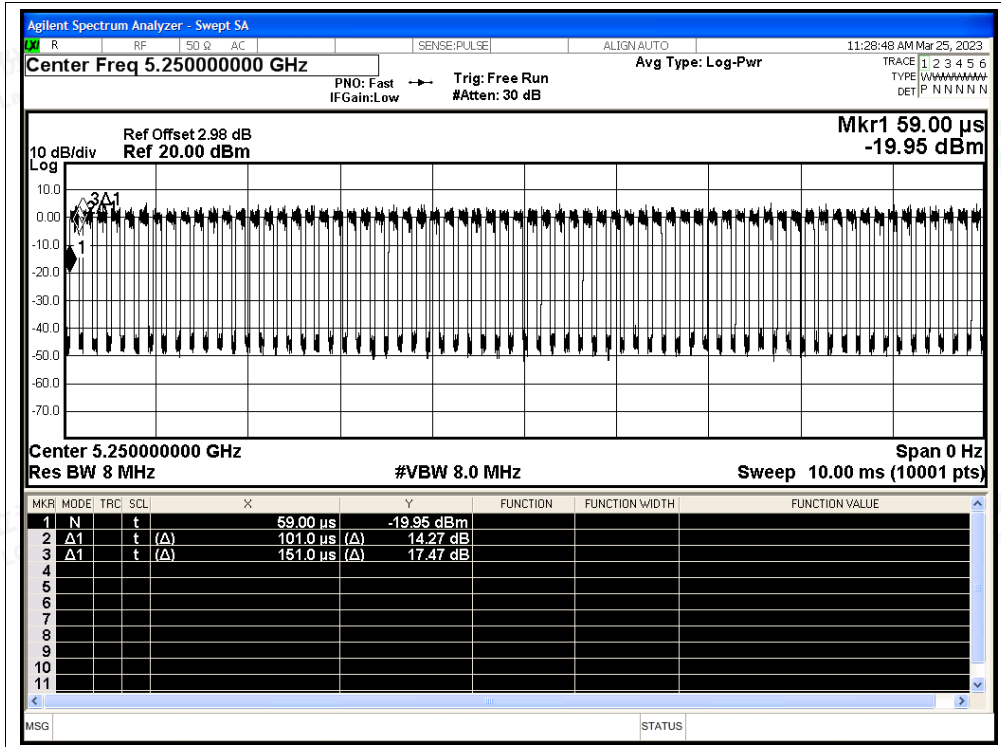


Duty Cycle NVNT ac80 5210MHz Ant2



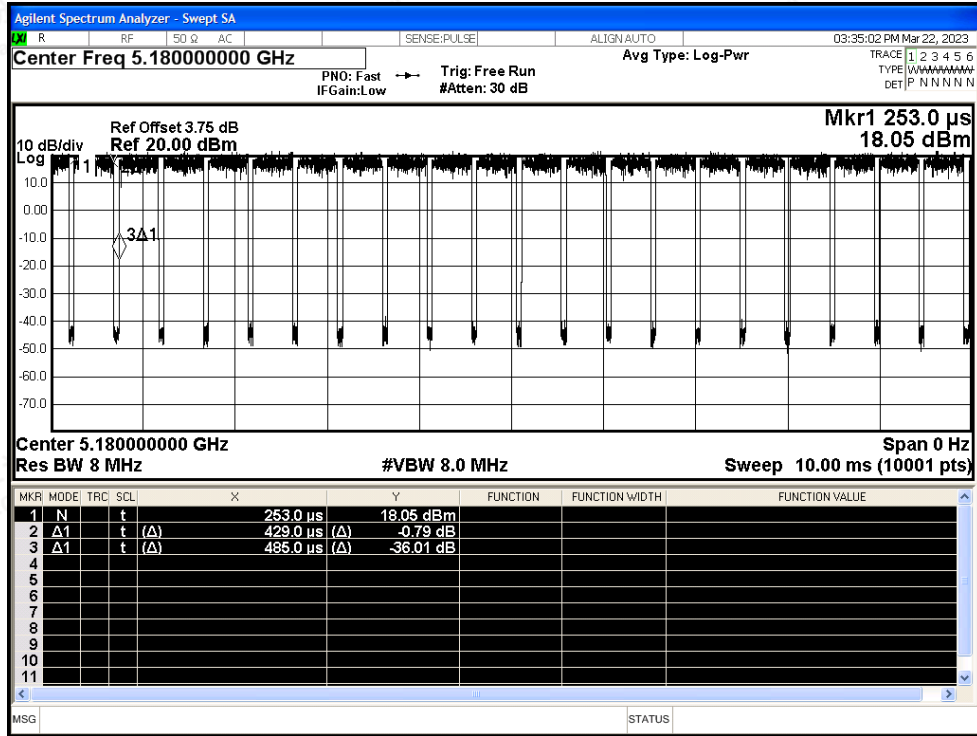
Duty Cycle NVNT ac160 5250MHz Ant2



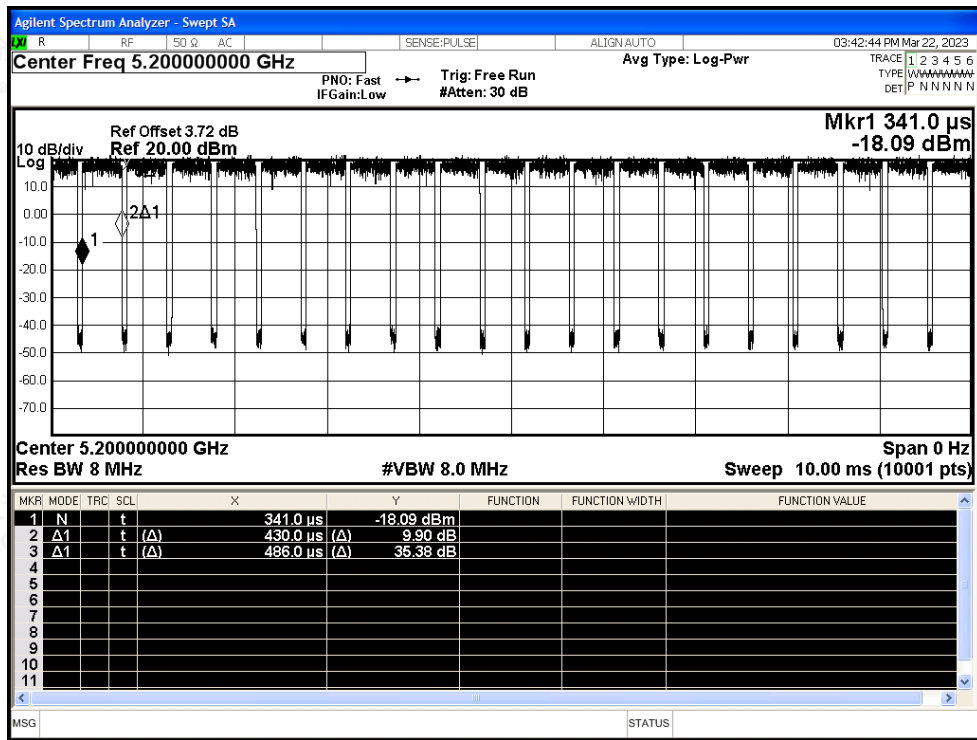




Duty Cycle NVNT ax20 5180MHz Ant2

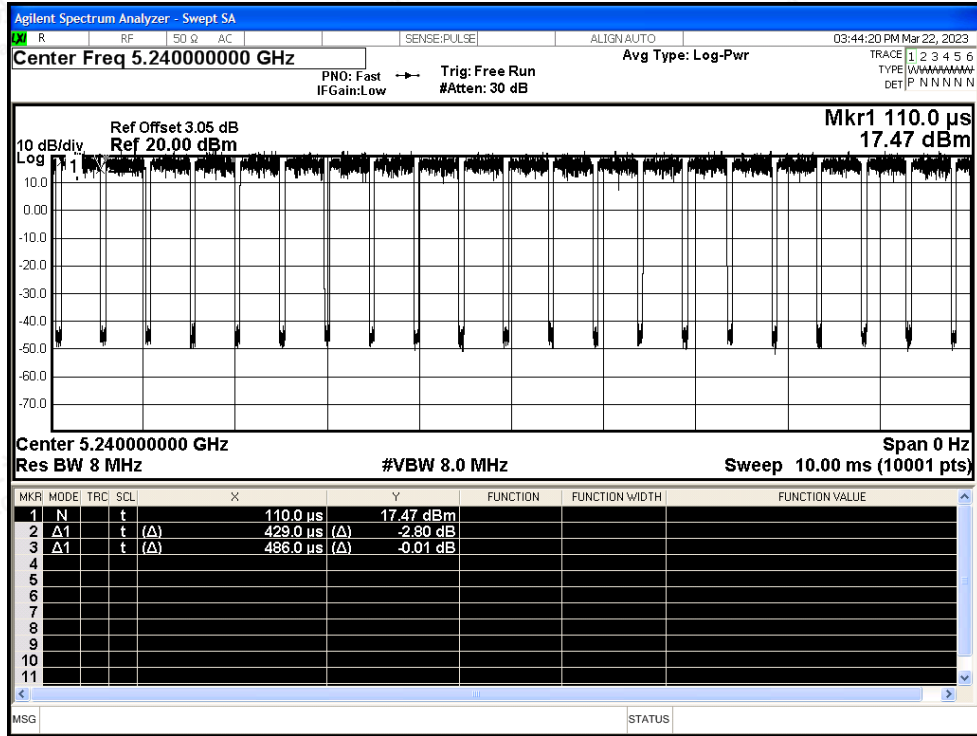


Duty Cycle NVNT ax20 5200MHz Ant2

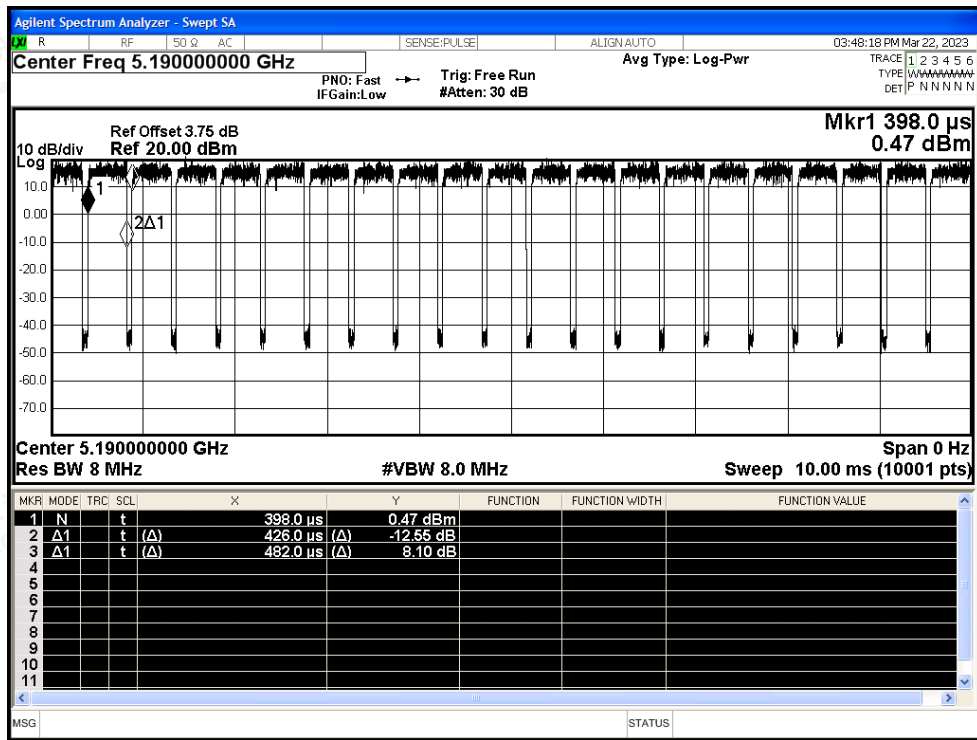




Duty Cycle NVNT ax20 5240MHz Ant2

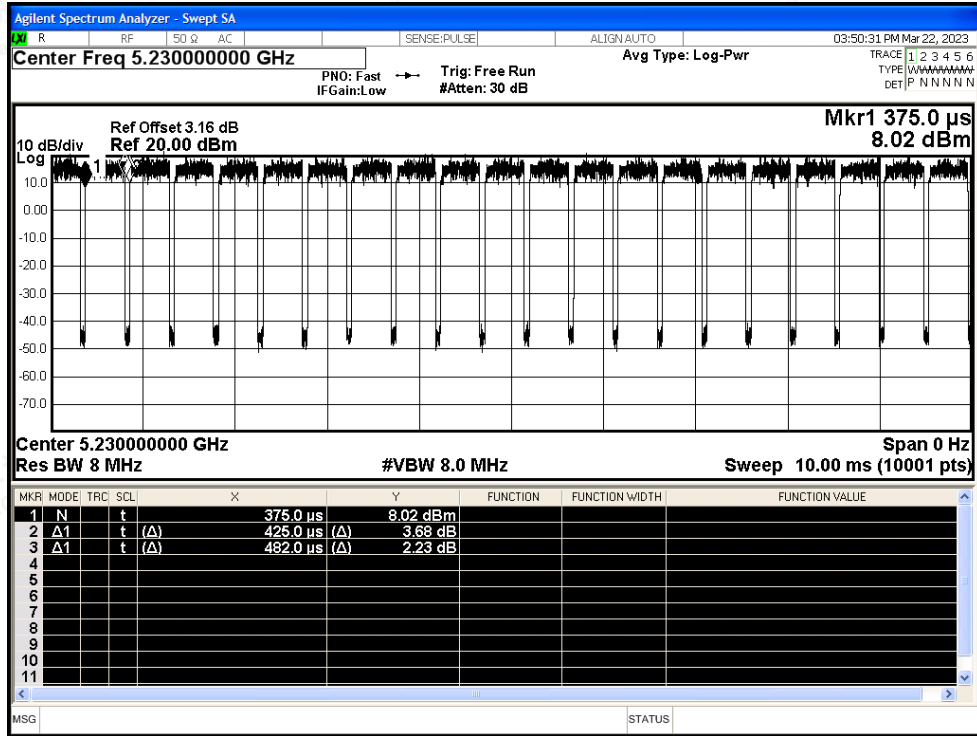


Duty Cycle NVNT ax40 5190MHz Ant2

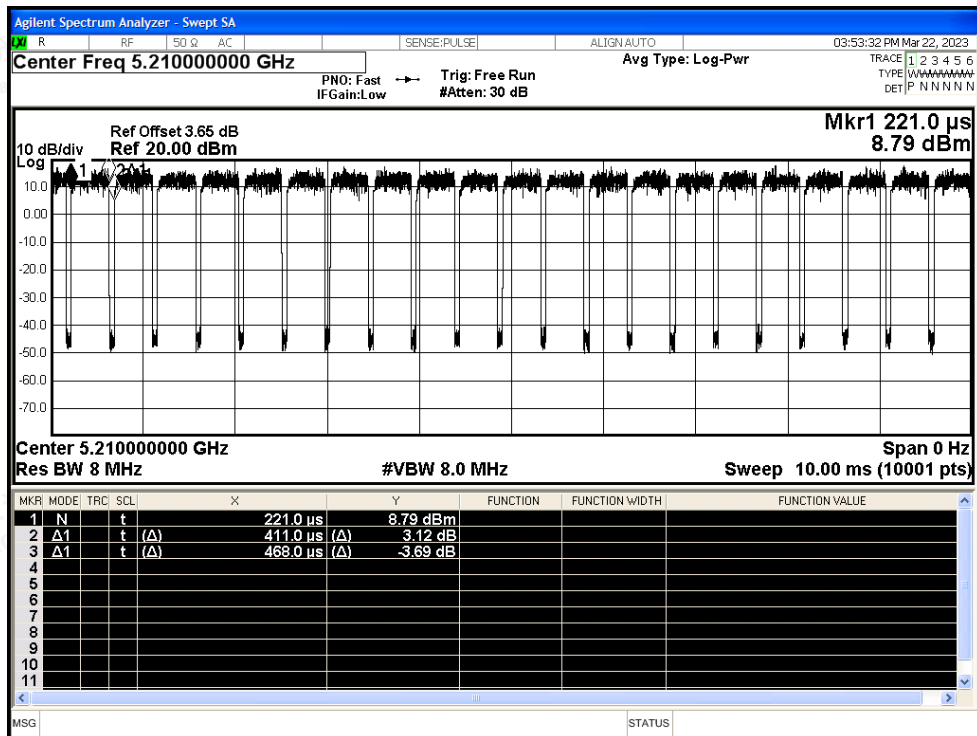




Duty Cycle NVNT ax40 5230MHz Ant2



Duty Cycle NVNT ax80 5210MHz Ant2



Duty Cycle NVNT ax160 5250MHz Ant2



