



A.6 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-38.94	-27	Pass
NVNT	a	5240	Ant1	-46.46	-27	Pass
NVNT	n20	5180	Ant1	-36.94	-27	Pass
NVNT	n20	5240	Ant1	-46.32	-27	Pass
NVNT	n40	5190	Ant1	-30.72	-27	Pass
NVNT	n40	5230	Ant1	-46.47	-27	Pass
NVNT	ac20	5180	Ant1	-38.74	-27	Pass
NVNT	ac20	5240	Ant1	-45.39	-27	Pass
NVNT	ac40	5190	Ant1	-29.13	-27	Pass
NVNT	ac40	5230	Ant1	-45.85	-27	Pass
NVNT	ax20	5180	Ant1	-36.51	-27	Pass
NVNT	ax20	5240	Ant1	-46.14	-27	Pass
NVNT	ax40	5190	Ant1	-30.14	-27	Pass
NVNT	ax40	5230	Ant1	-45.83	-27	Pass

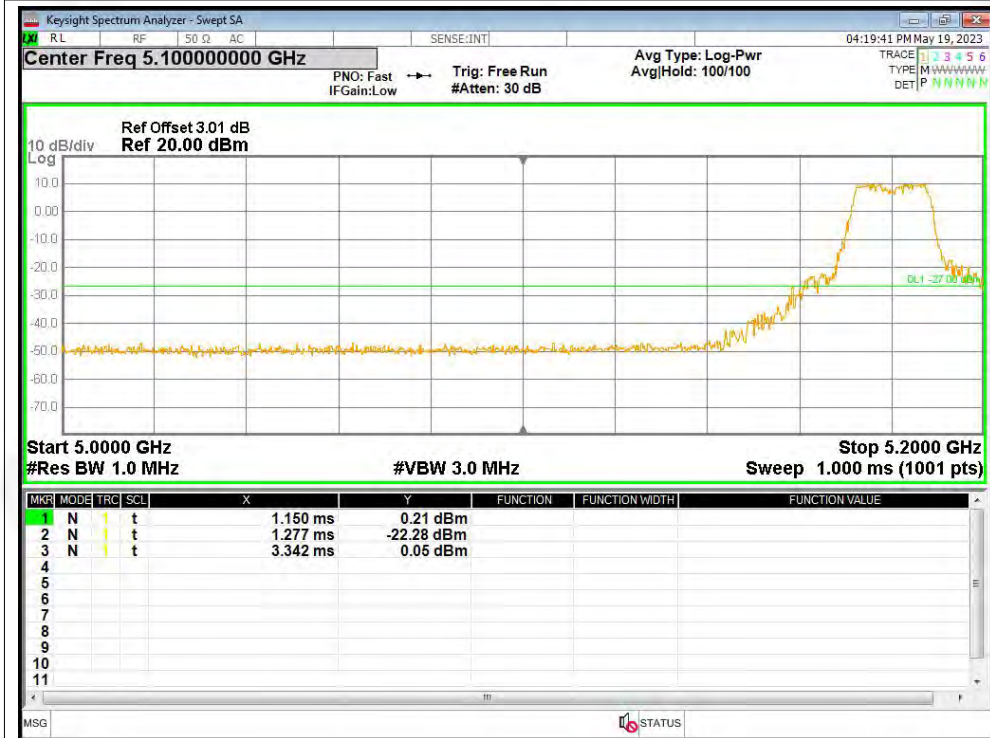
Note:

1. The Antenna Gain is compensated in the graph.

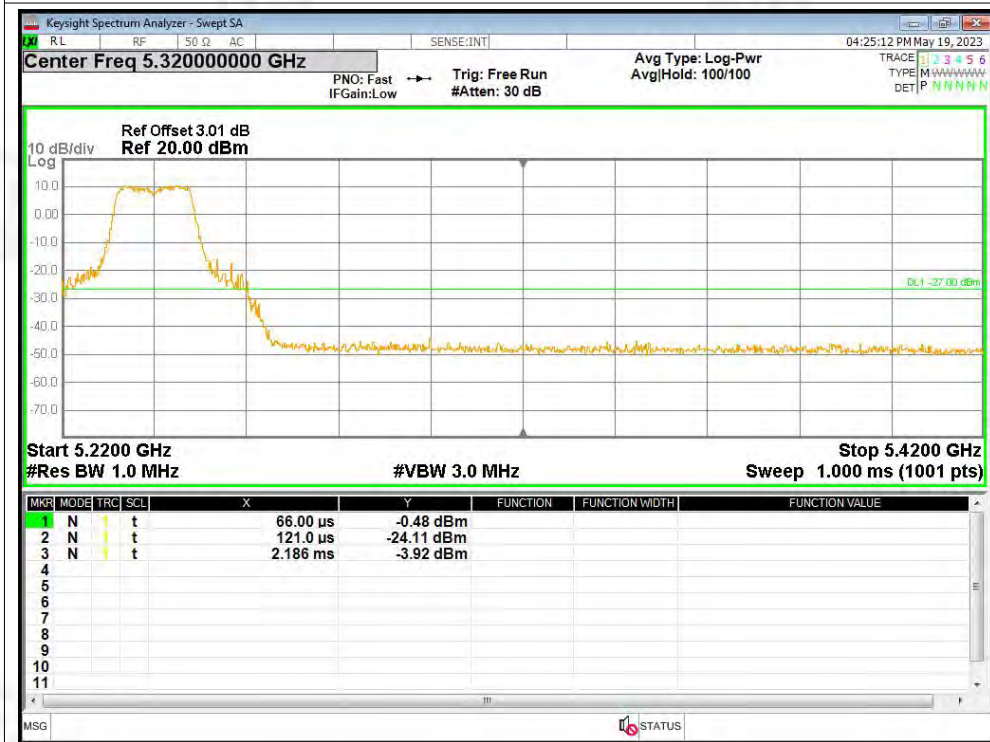


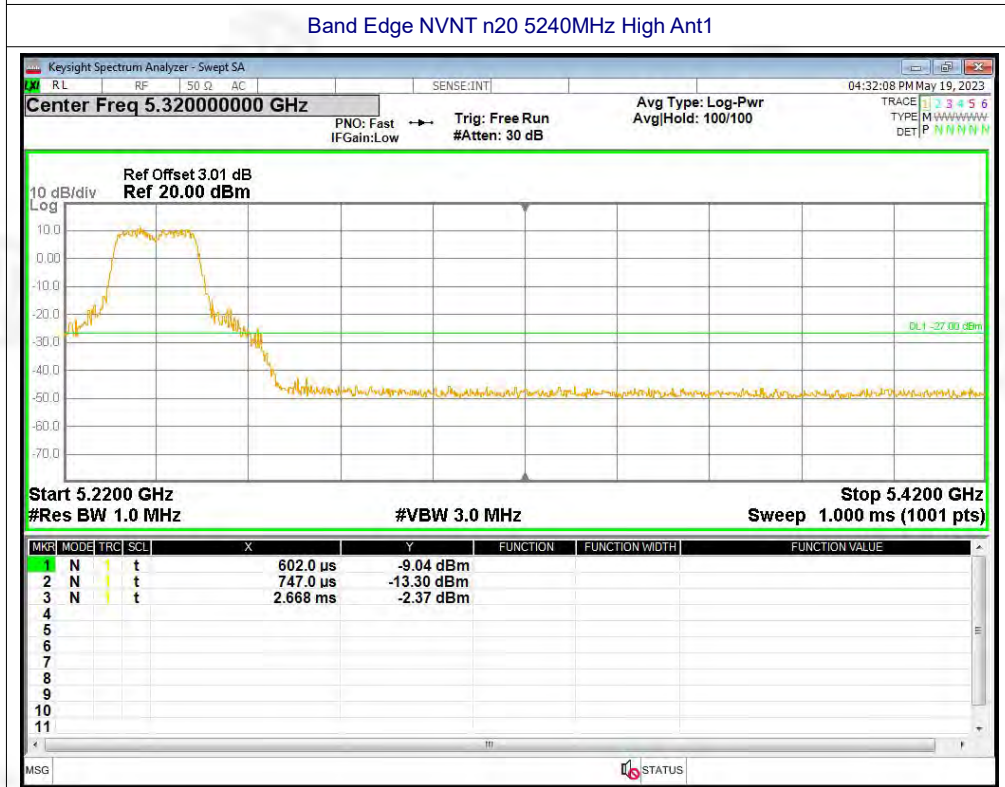
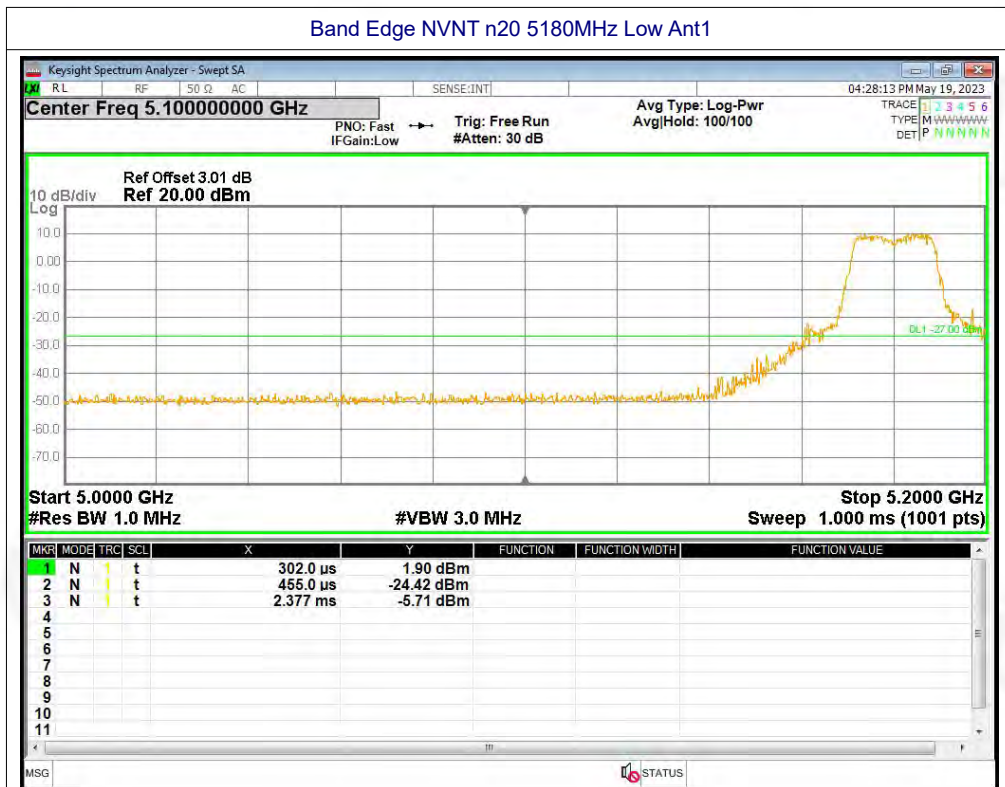
Test Graphs

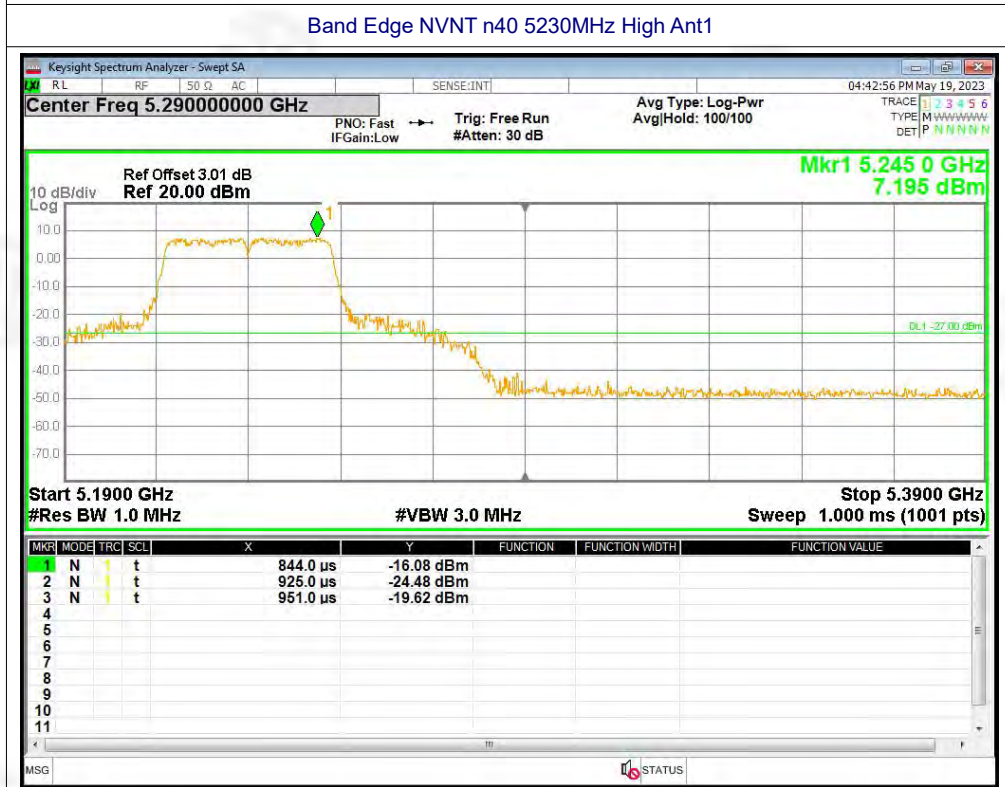
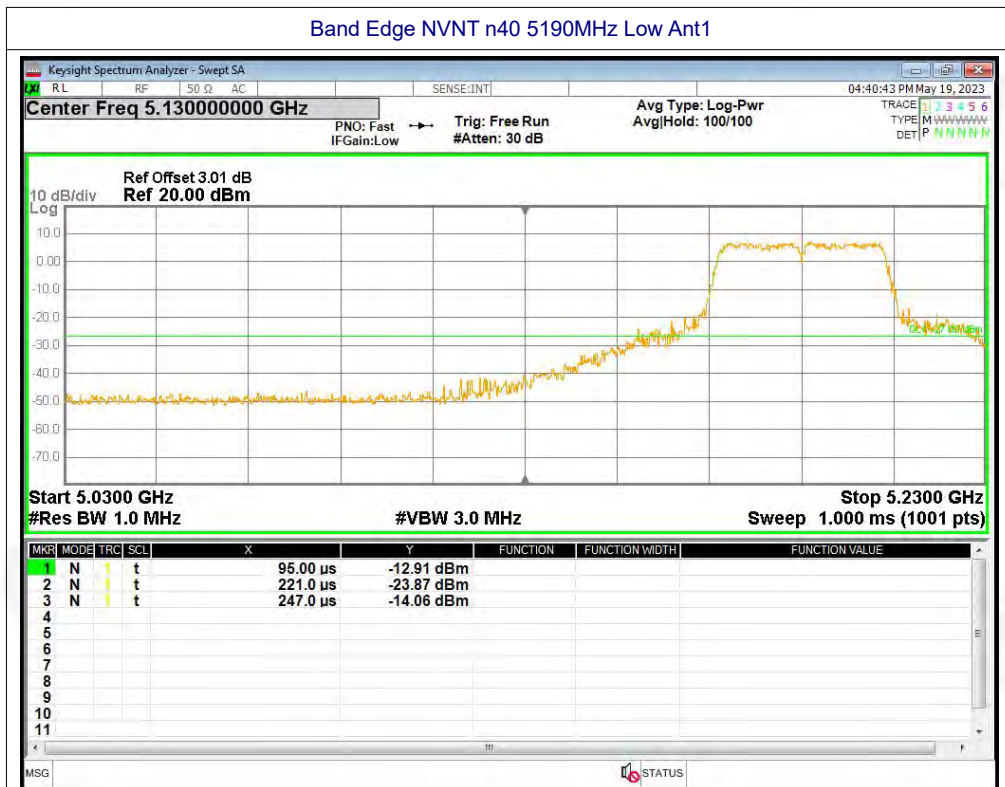
Band Edge NVNT a 5180MHz Low Ant1

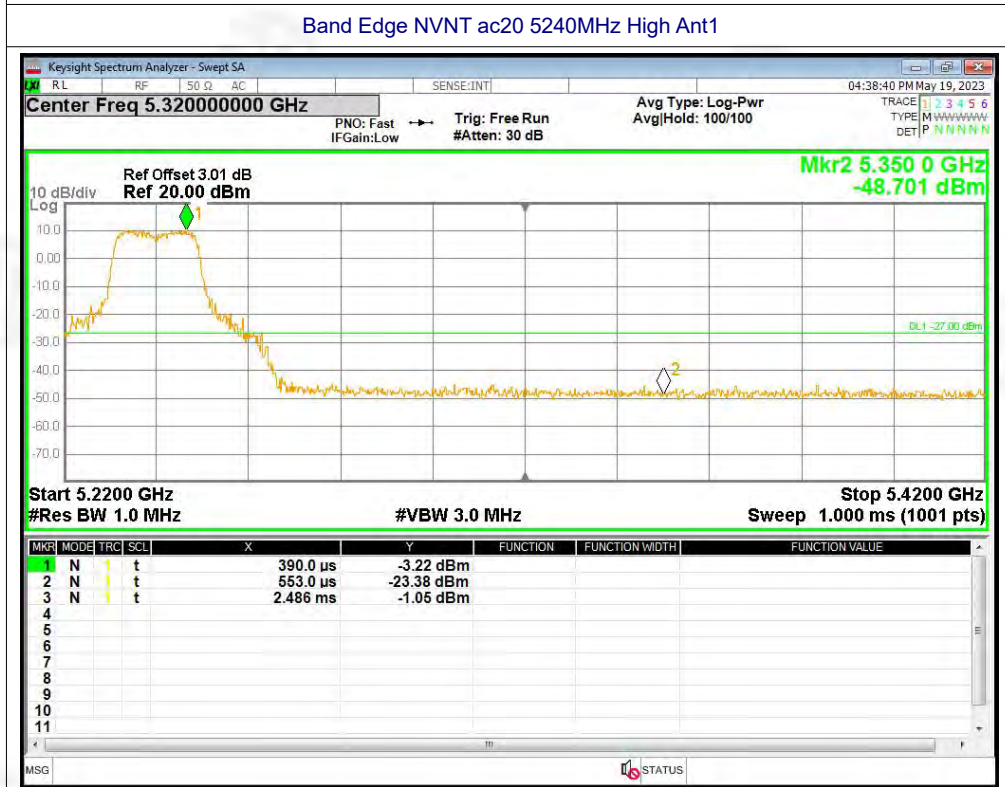
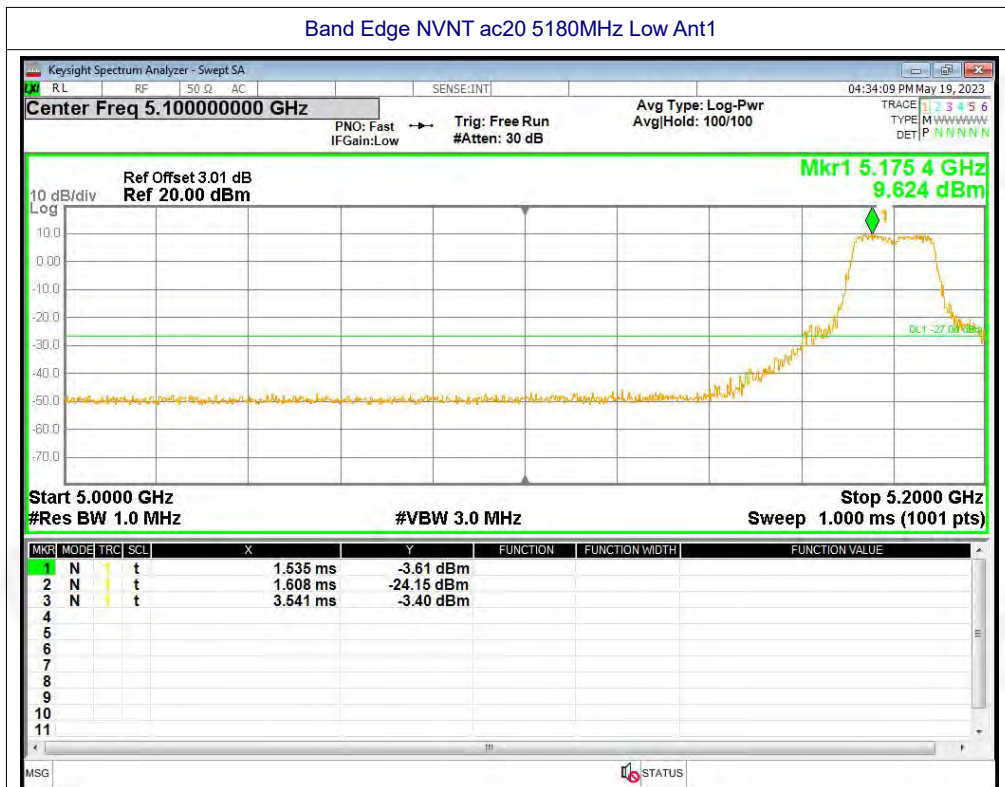


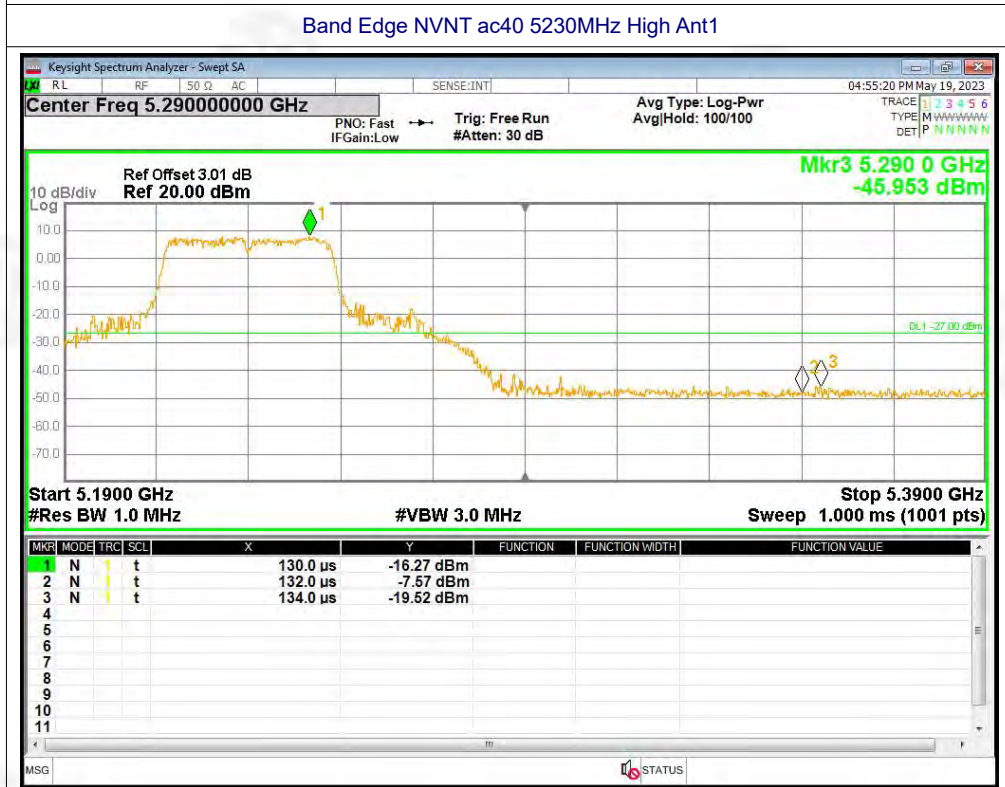
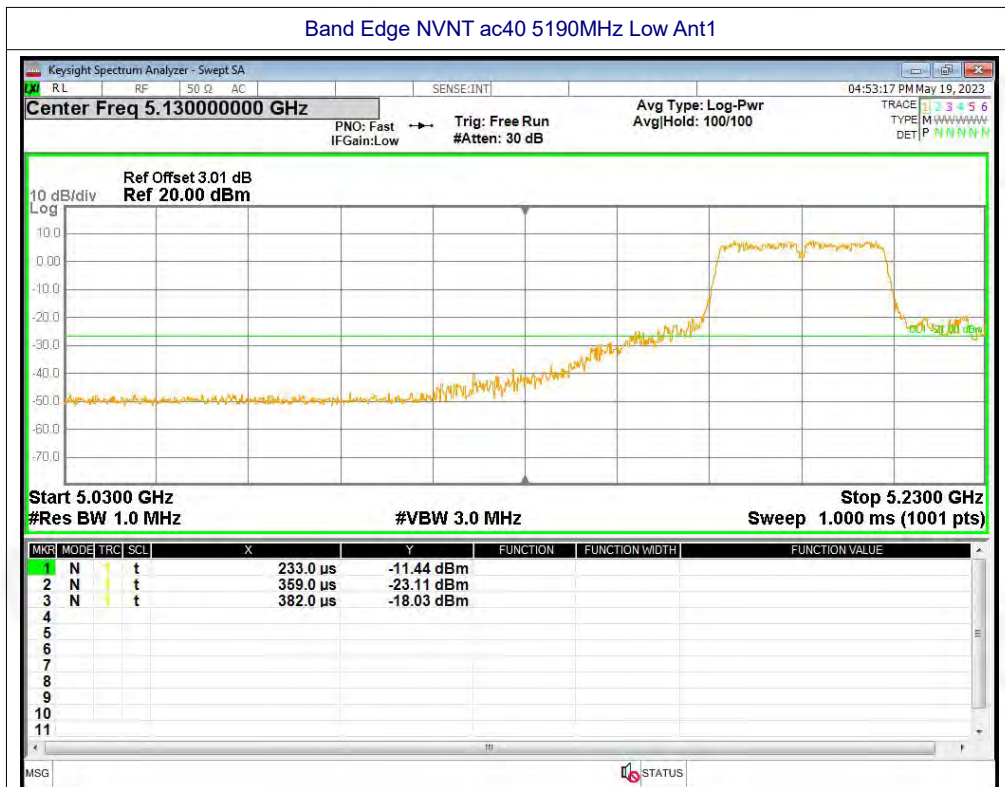
Band Edge NVNT a 5240MHz High Ant1

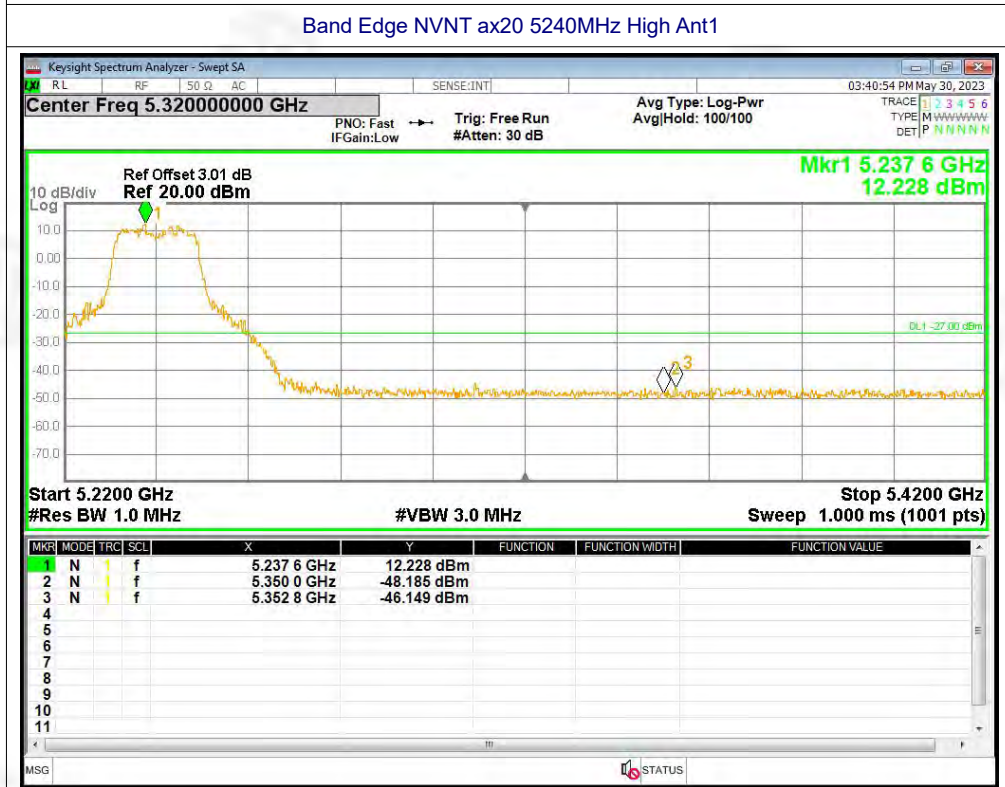
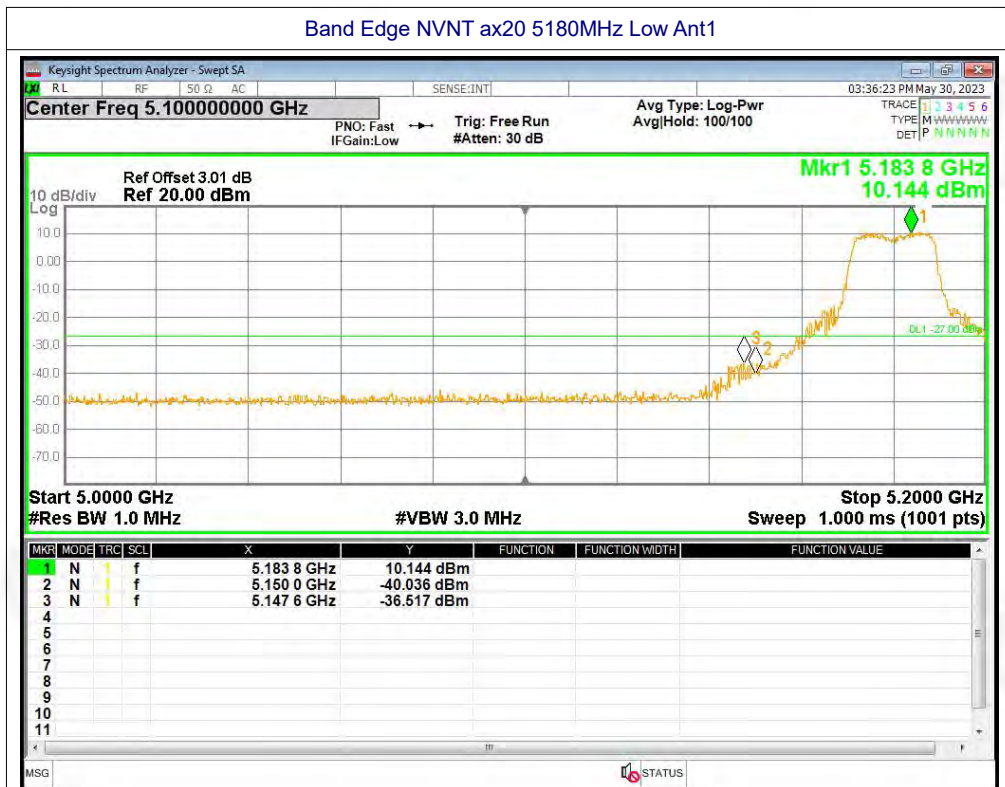


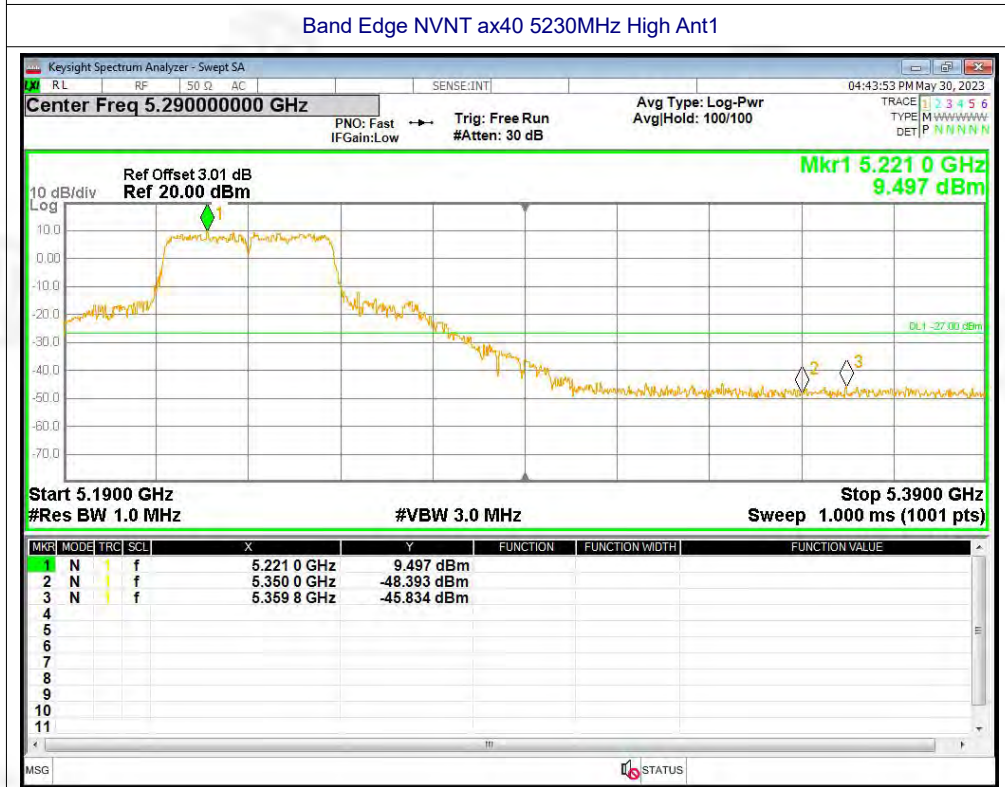
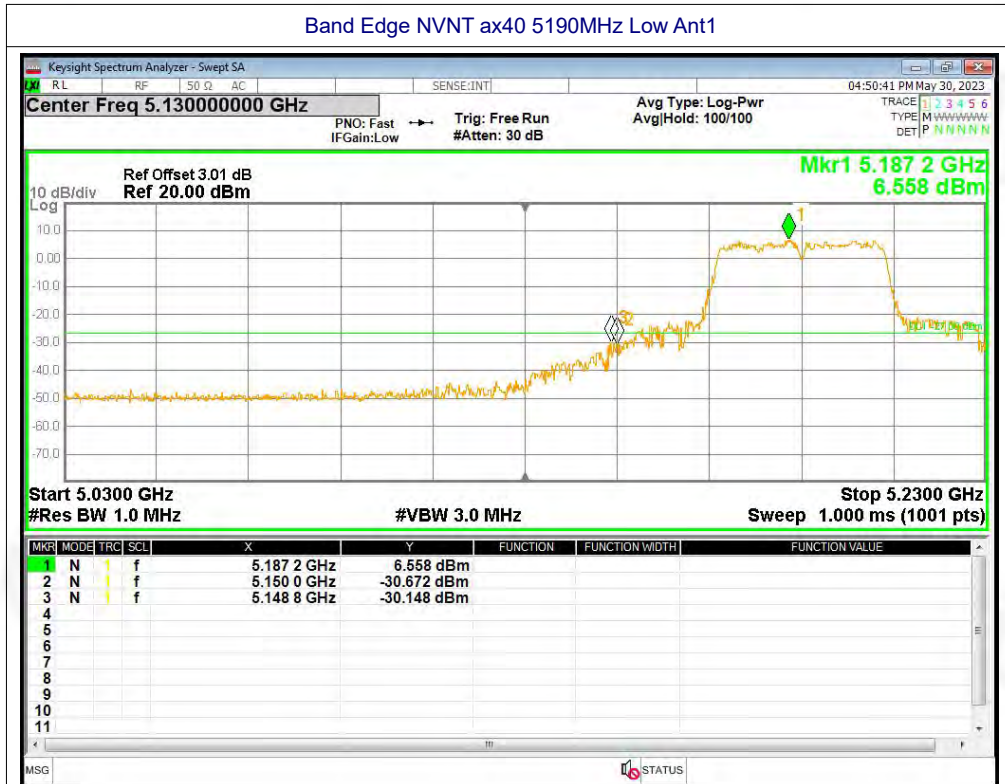














A.7 Frequency Stability

Voltage							
TestMode	Channel	Voltage [Vdc]	Temperature (°C)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5180	NV	NT	0	0	Within 5150-5250MHz	Pass
		LV	NT	0	0		
		HV	NT	0	0		
	5200	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
	5240	NV	NT	20000	3.82		
		LV	NT	20000	3.82		
		HV	NT	20000	3.82		
n20	5180	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
	5200	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
	5240	NV	NT	20000	3.82		
		LV	NT	20000	3.82		
		HV	NT	20000	3.82		
ac20	5180	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
	5200	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
	5240	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		



ax20	5180	NV	NT	0	0	Within 5150-5250MHz	Pass
		LV	NT	0	0		
		HV	NT	0	0		
	5200	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
	5240	NV	NT	20000	3.82		
		LV	NT	20000	3.82		
		HV	NT	20000	3.82		
n40	5200	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
	5240	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
ax40	5200	NV	NT	-40000	-7.71		
		LV	NT	-40000	-7.71		
		HV	NT	-40000	-7.71		
	5240	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
ac80	5210	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
ax80	5210	NV	NT	80000	15.36		
		LV	NT	80000	15.36		
		HV	NT	80000	15.36		



Temperature							
TestMode	Channel	Voltage [Vdc]	Temperature (°C)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5180	NV	-20	0	0	Within 5150-5250MHz	Pass
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
	5200	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
	5240	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
N20	5180	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
	5200	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		



		NV	60	0	0		
		NV	70	0	0		
	5240	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
ac20	5180	NV	-20	0	0	Within 5150-5250MHz	Pass
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
	5200	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
	5240	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
ax20	5180	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		



	5200	NV	-20	0	0	Within 5150-5250MHz	Pass
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
	5240	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
N40	5200	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
	5240	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
ac40	5200	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
	5240	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		



		NV	0	0	0	Within 5150-5250MHz	Pass
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
ax40	5200	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
	5240	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
ac80	5210	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
ax80	5210	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		

Note:Test temperature:-20° to + 70° . At room temperature, the test results are the worst, only reflecting the test results graphs at room temperature.



Test Graphs

Freq. Stability NVNT a 5180MHz Ant1

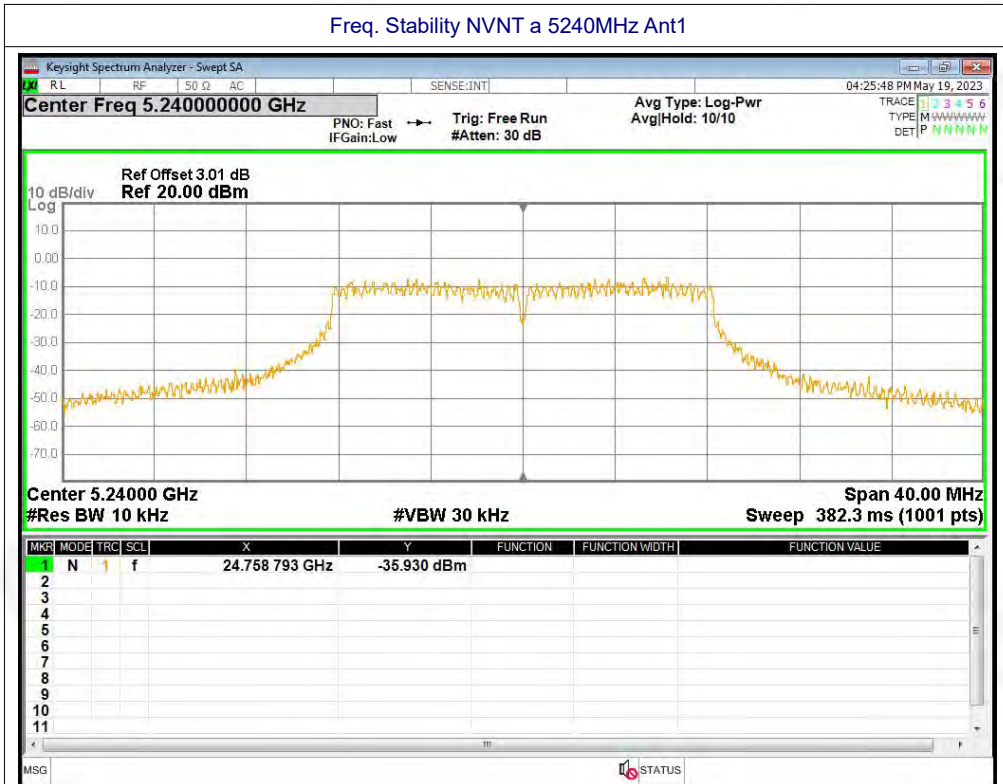


Freq. Stability NVNT a 5200MHz Ant1

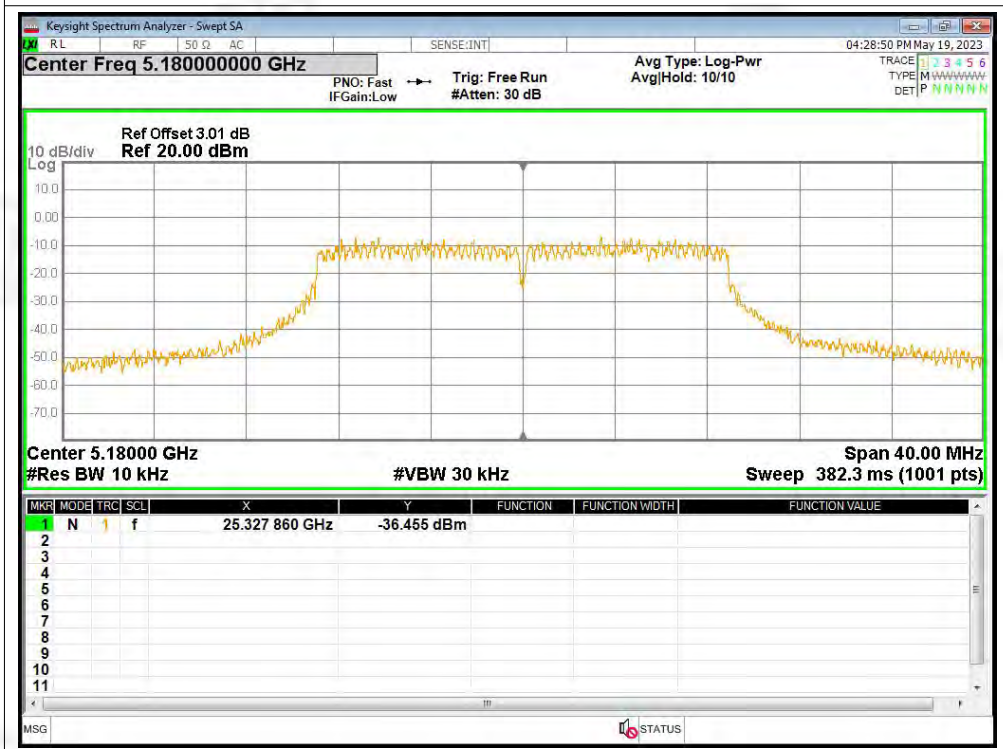




Freq. Stability NVNT a 5240MHz Ant1

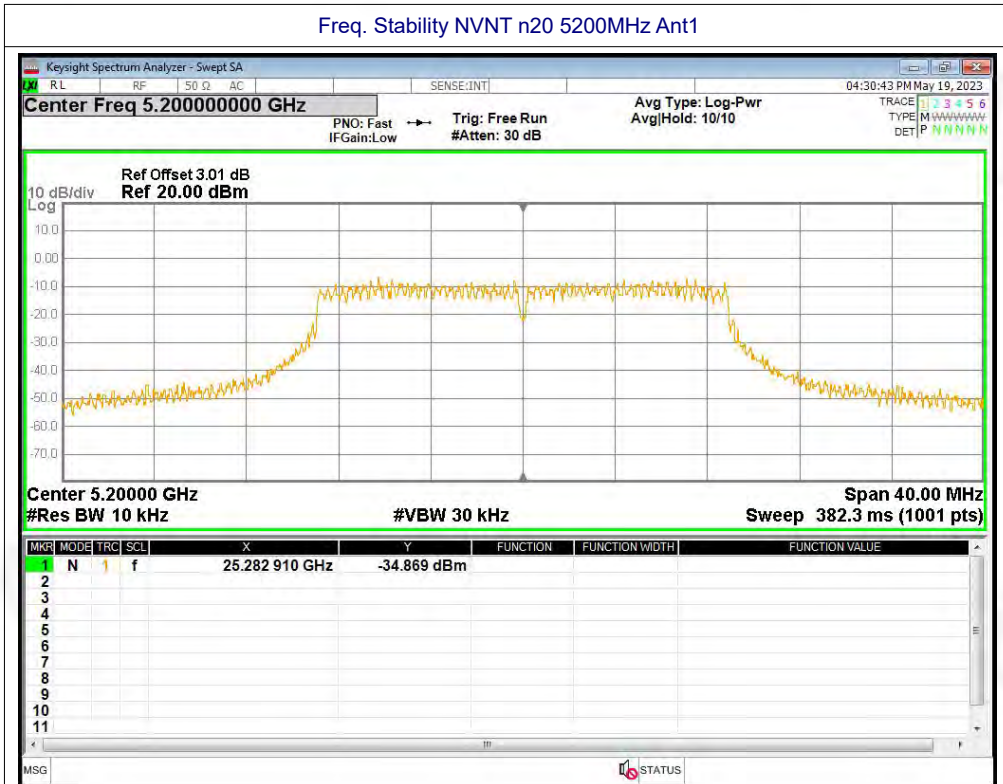


Freq. Stability NVNT n20 5180MHz Ant1

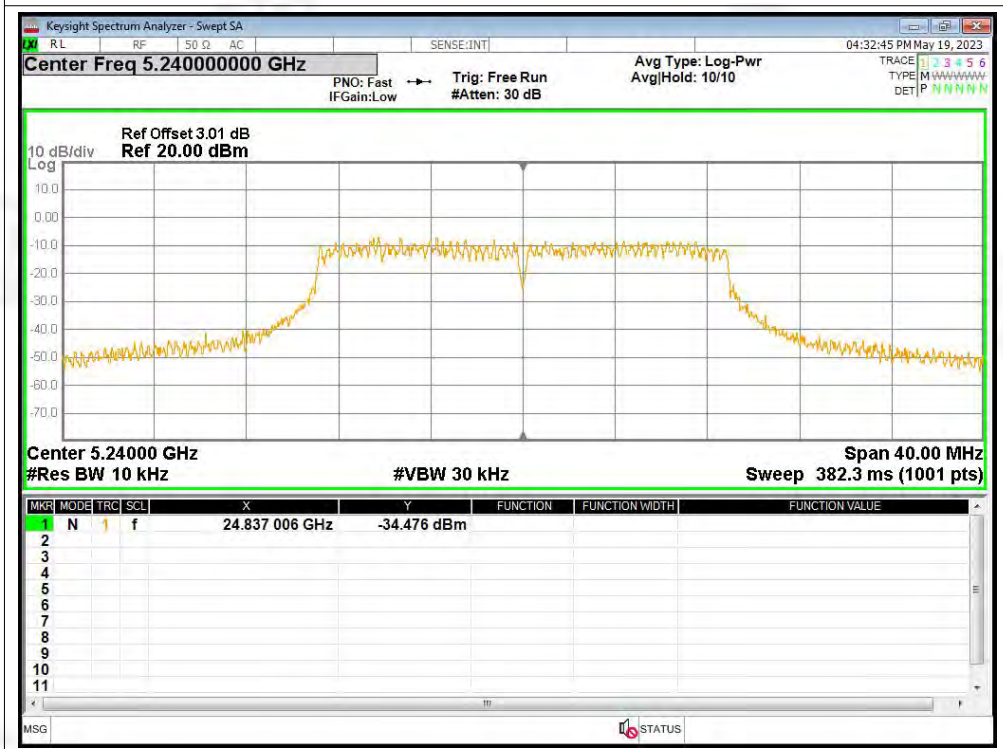




Freq. Stability NVNT n20 5200MHz Ant1

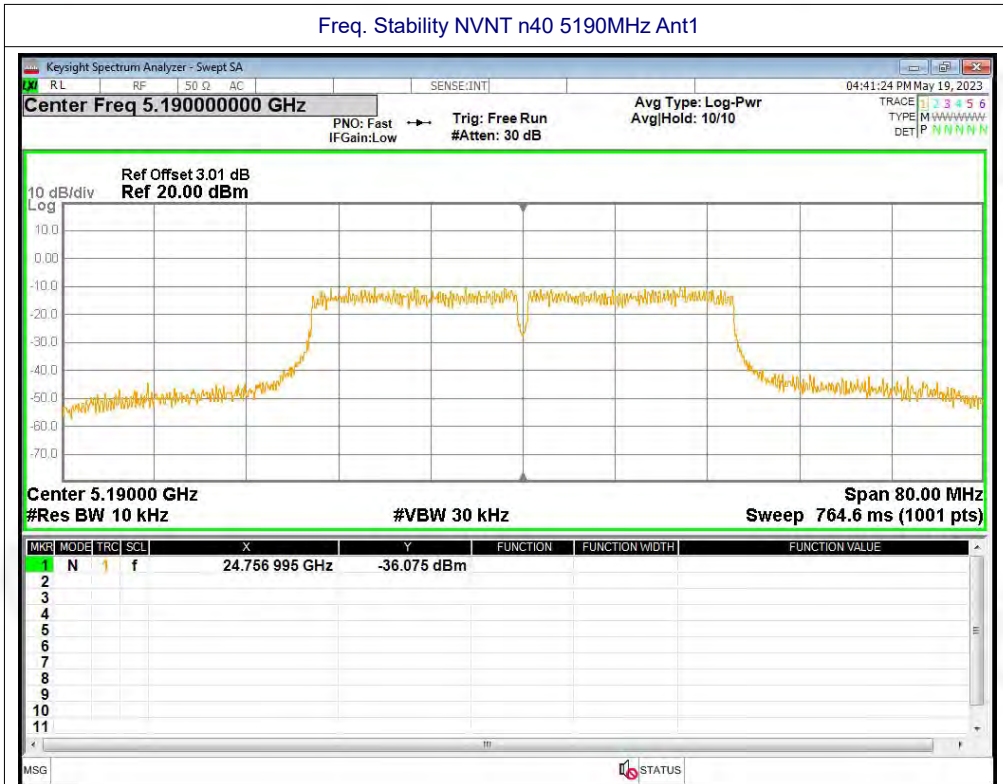


Freq. Stability NVNT n20 5240MHz Ant1





Freq. Stability NVNT n40 5190MHz Ant1

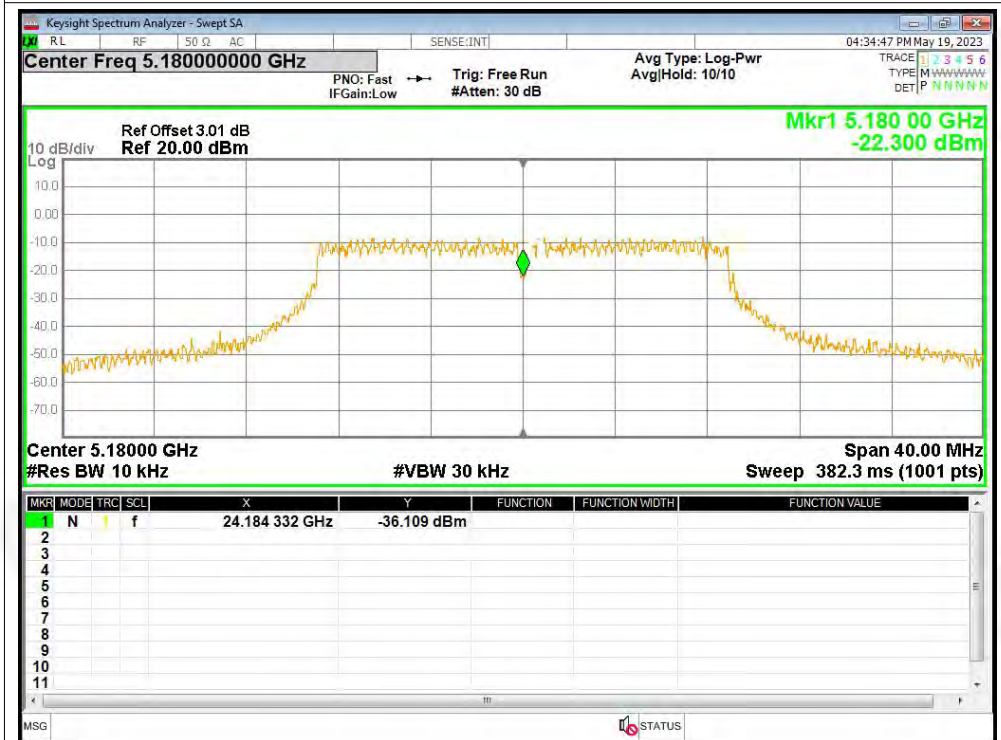


Freq. Stability NVNT n40 5230MHz Ant1





Freq. Stability NVNT ac20 5180MHz Ant1



Freq. Stability NVNT ac20 5200MHz Ant1





Freq. Stability NVNT ac20 5240MHz Ant1

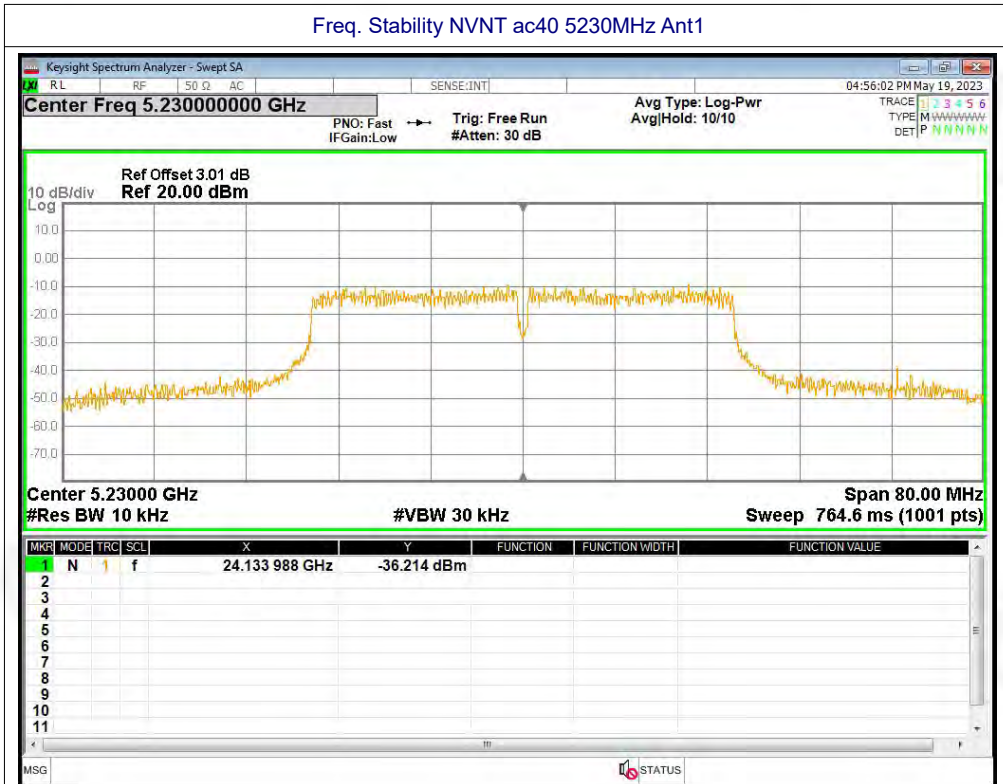


Freq. Stability NVNT ac40 5190MHz Ant1





Freq. Stability NVNT ac40 5230MHz Ant1

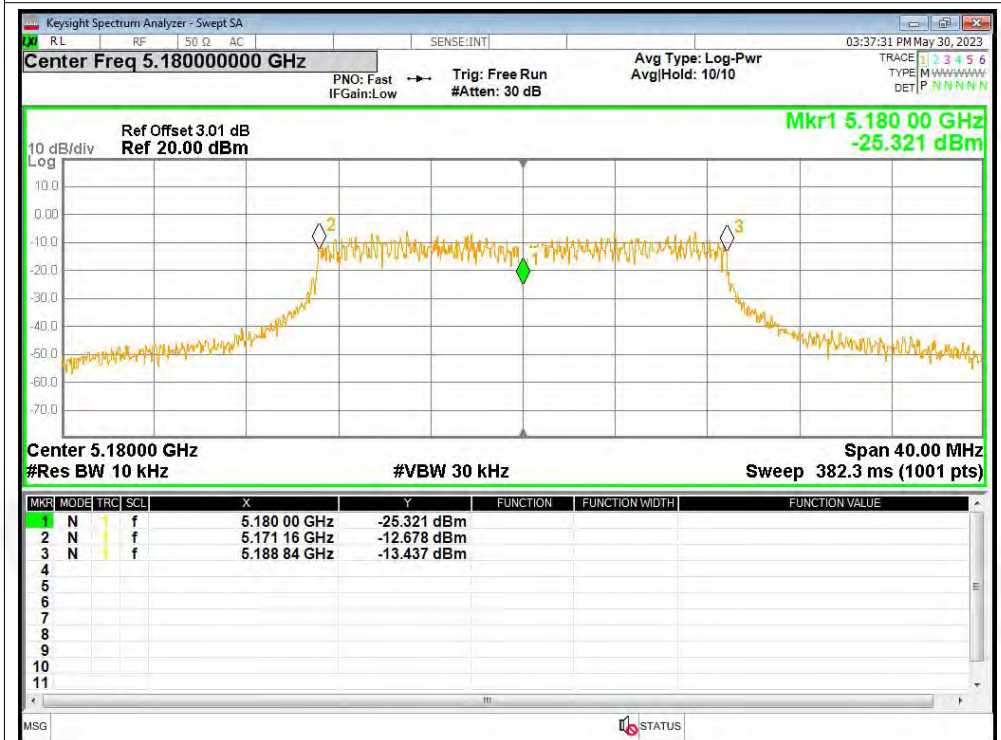


Freq. Stability NVNT ac80 5210MHz Ant1





Freq. Stability NVNT ax20 5180MHz Ant1

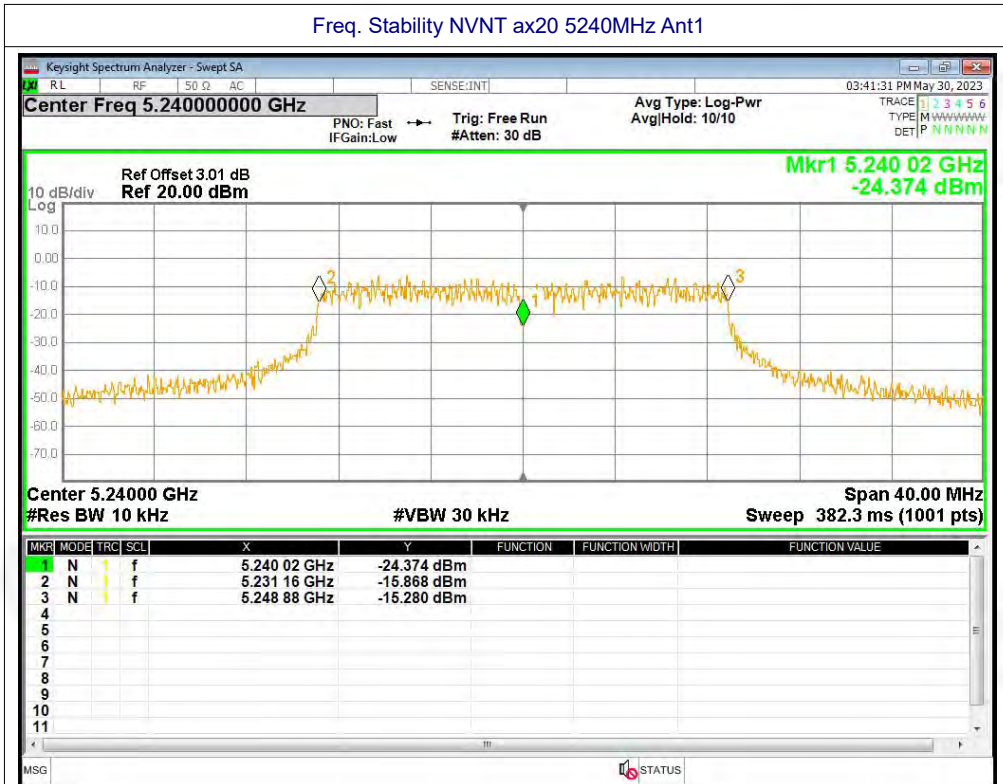


Freq. Stability NVNT ax20 5200MHz Ant1

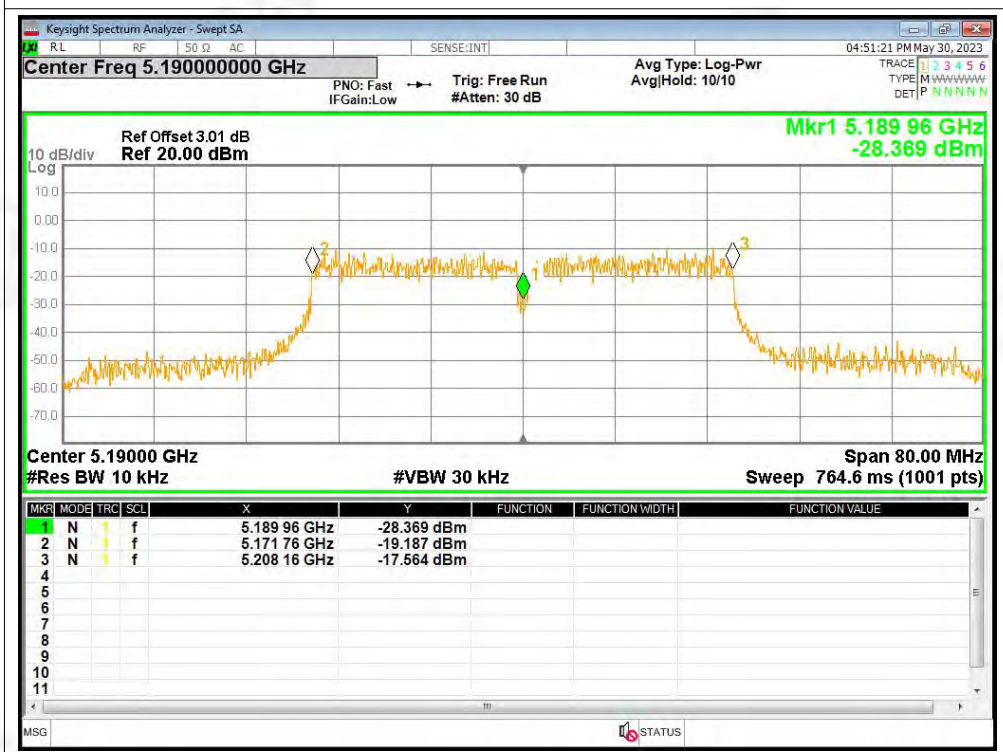




Freq. Stability NVNT ax20 5240MHz Ant1

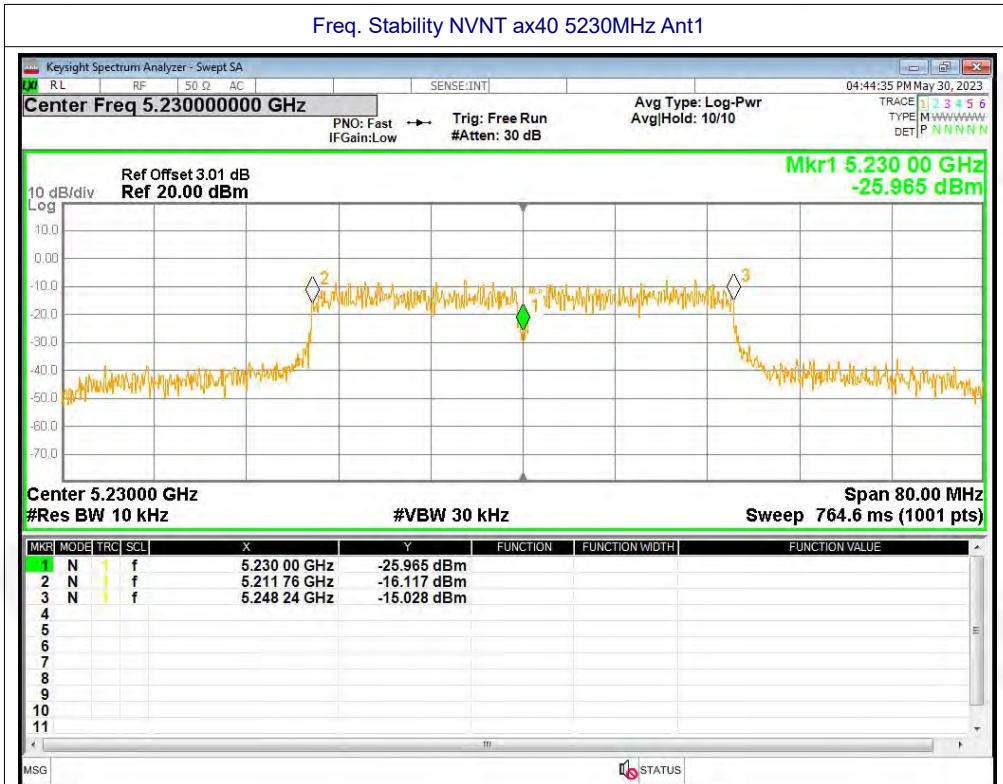


Freq. Stability NVNT ax40 5190MHz Ant1

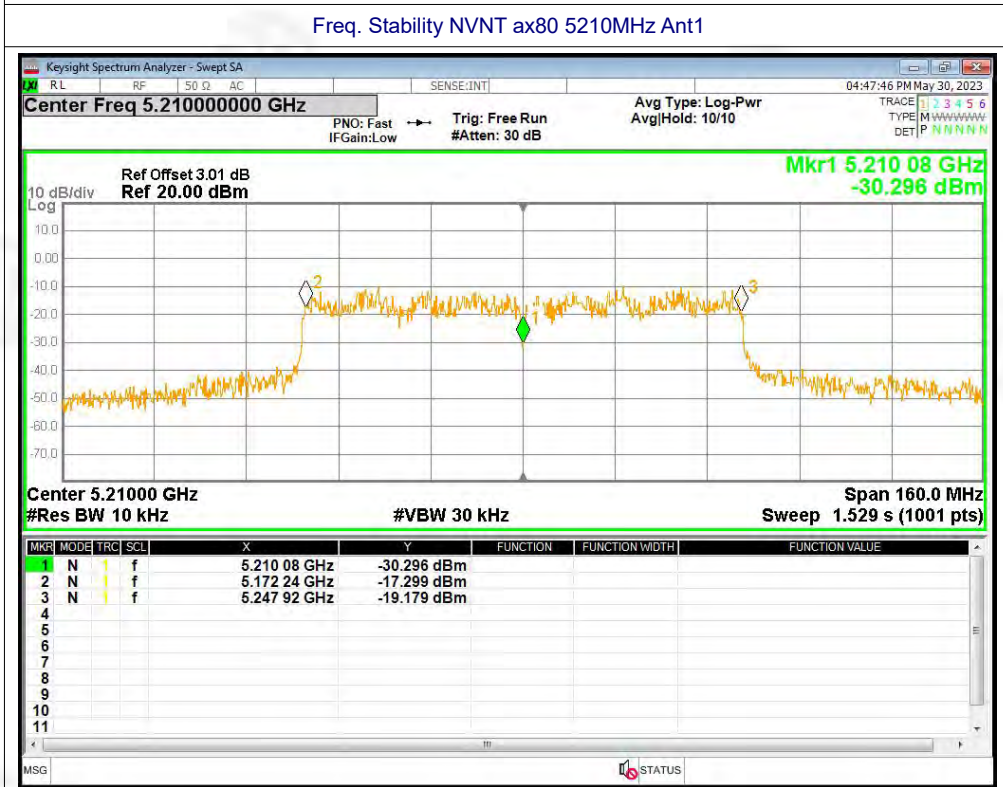




Freq. Stability NVNT ax40 5230MHz Ant1



Freq. Stability NVNT ax80 5210MHz Ant1





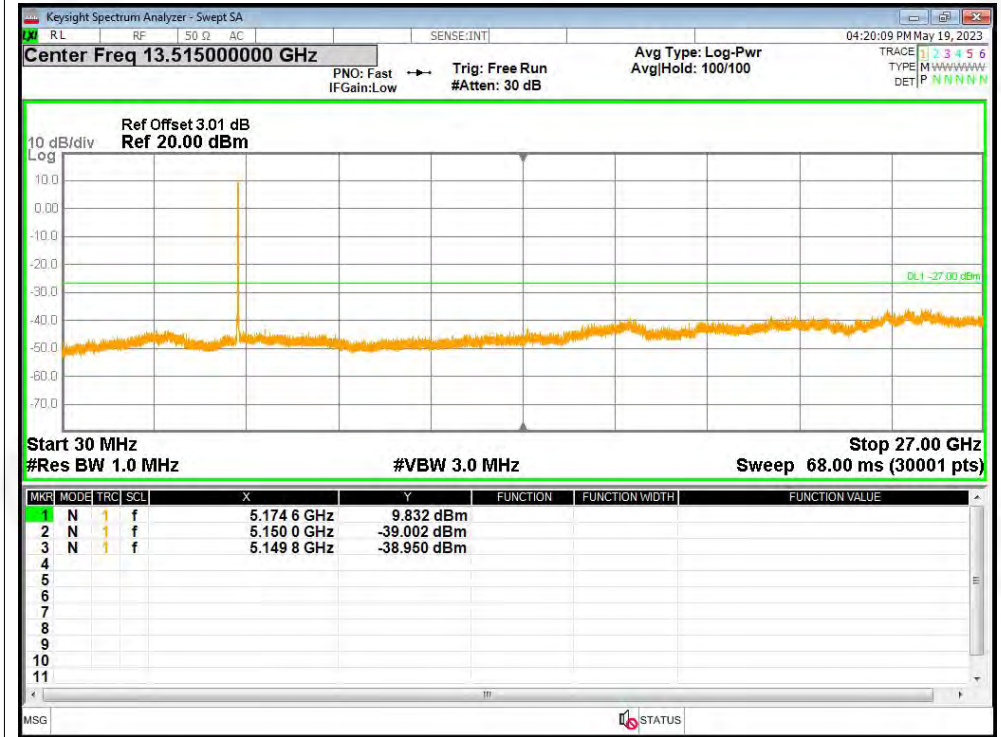
A.8 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-35.9	-27	Pass
NVNT	a	5200	Ant1	-35.49	-27	Pass
NVNT	a	5240	Ant1	-35.92	-27	Pass
NVNT	n20	5180	Ant1	-36.45	-27	Pass
NVNT	n20	5200	Ant1	-34.86	-27	Pass
NVNT	n20	5240	Ant1	-34.47	-27	Pass
NVNT	n40	5190	Ant1	-36.07	-27	Pass
NVNT	n40	5230	Ant1	-35.91	-27	Pass
NVNT	ac20	5180	Ant1	-36.1	-27	Pass
NVNT	ac20	5200	Ant1	-36.4	-27	Pass
NVNT	ac20	5240	Ant1	-35.91	-27	Pass
NVNT	ac40	5190	Ant1	-35.66	-27	Pass
NVNT	ac40	5230	Ant1	-36.21	-27	Pass
NVNT	ac80	5210	Ant1	-36.14	-27	Pass
NVNT	ax20	5180	Ant1	-35.42	-27	Pass
NVNT	ax20	5200	Ant1	-36.14	-27	Pass
NVNT	ax20	5240	Ant1	-36.23	-27	Pass
NVNT	ax40	5190	Ant1	-35.64	-27	Pass
NVNT	ax40	5230	Ant1	-35.41	-27	Pass
NVNT	ax80	5210	Ant1	-36	-27	Pass

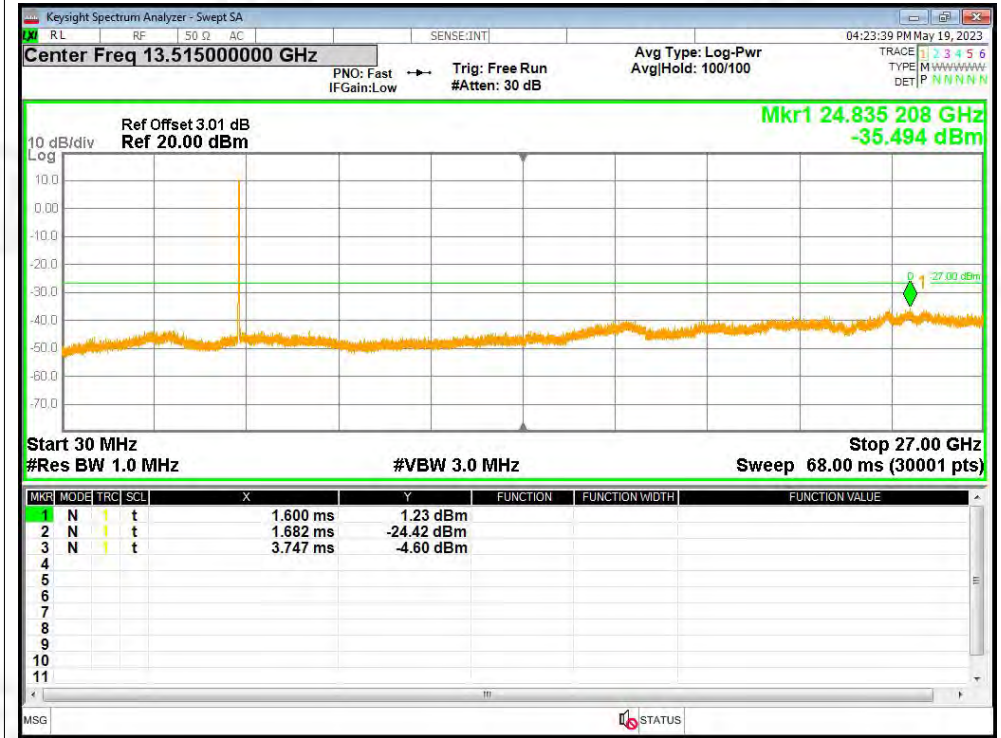


Test Graphs

Tx. Spurious NVNT a 5180MHz Ant1 Emission

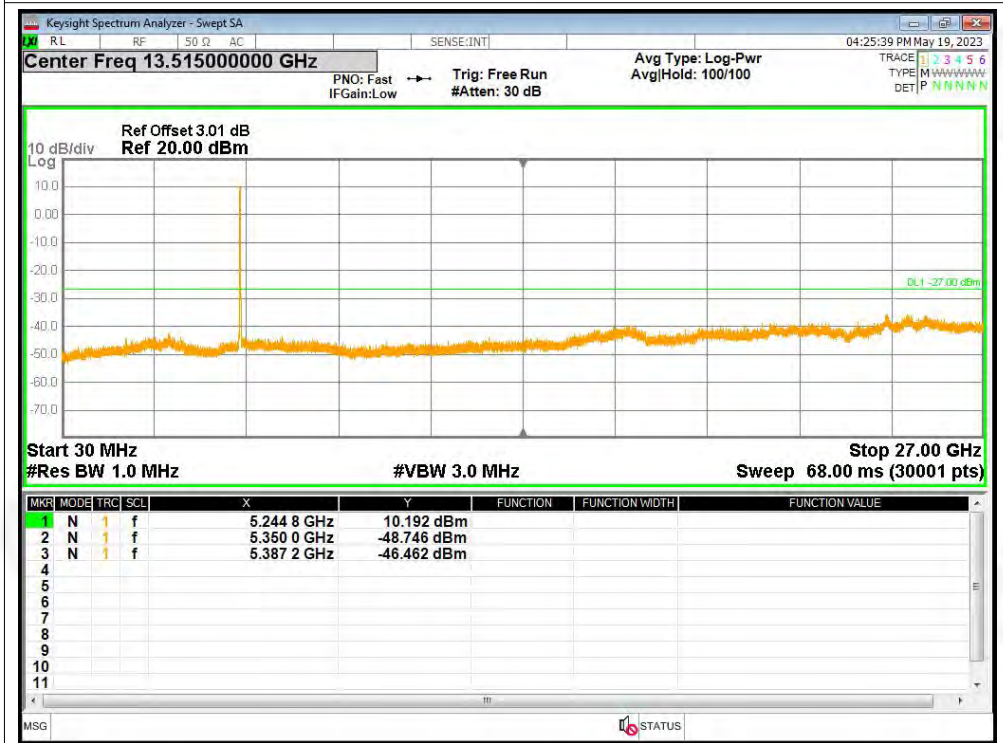


Tx. Spurious NVNT a 5200MHz Ant1 Emission





Tx. Spurious NVNT a 5240MHz Ant1 Emission



Tx. Spurious NVNT n20 5180MHz Ant1 Emission





Tx. Spurious NVNT n20 5200MHz Ant1 Emission

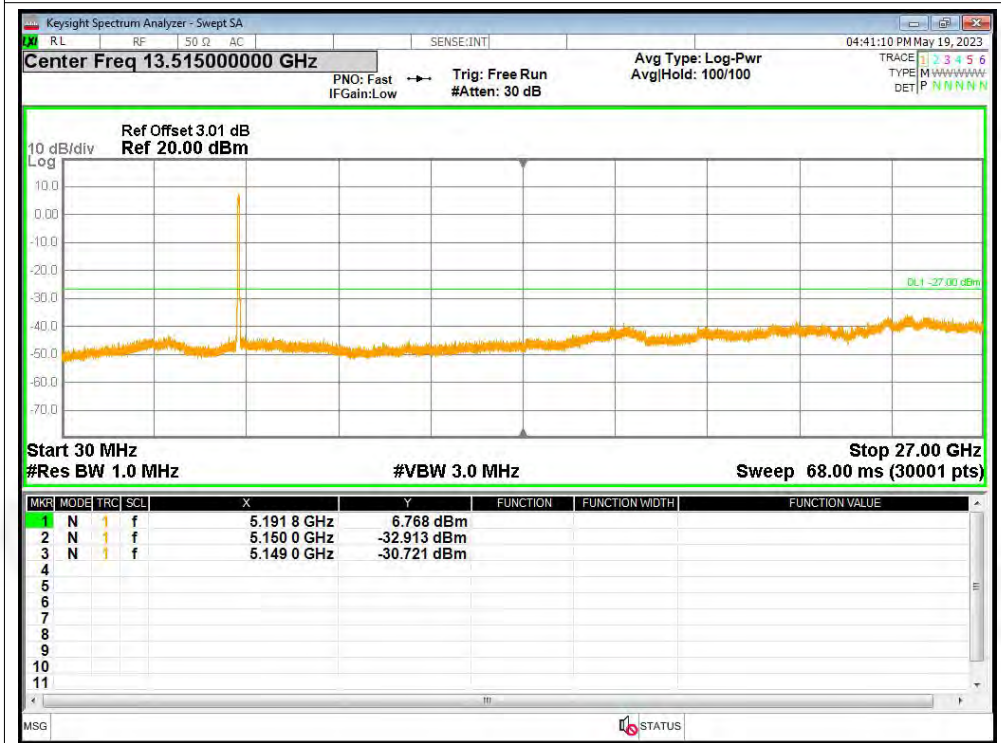


Tx. Spurious NVNT n20 5240MHz Ant1 Emission





Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission





Tx. Spurious NVNT ac20 5180MHz Ant1 Emission

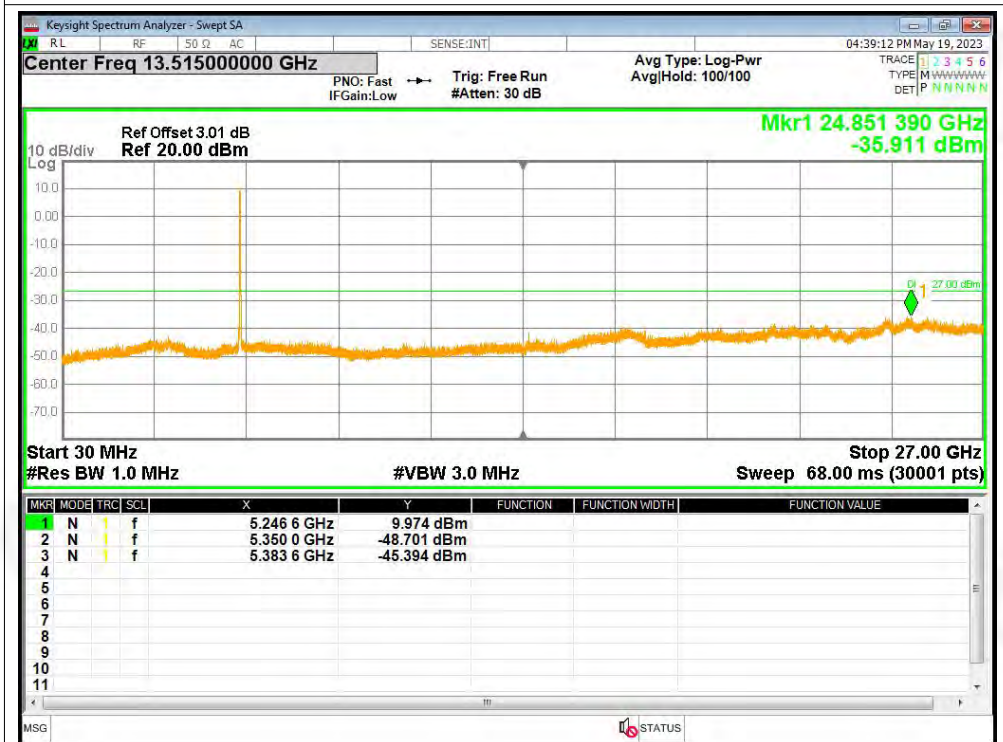


Tx. Spurious NVNT ac20 5200MHz Ant1 Emission





Tx. Spurious NVNT ac20 5240MHz Ant1 Emission

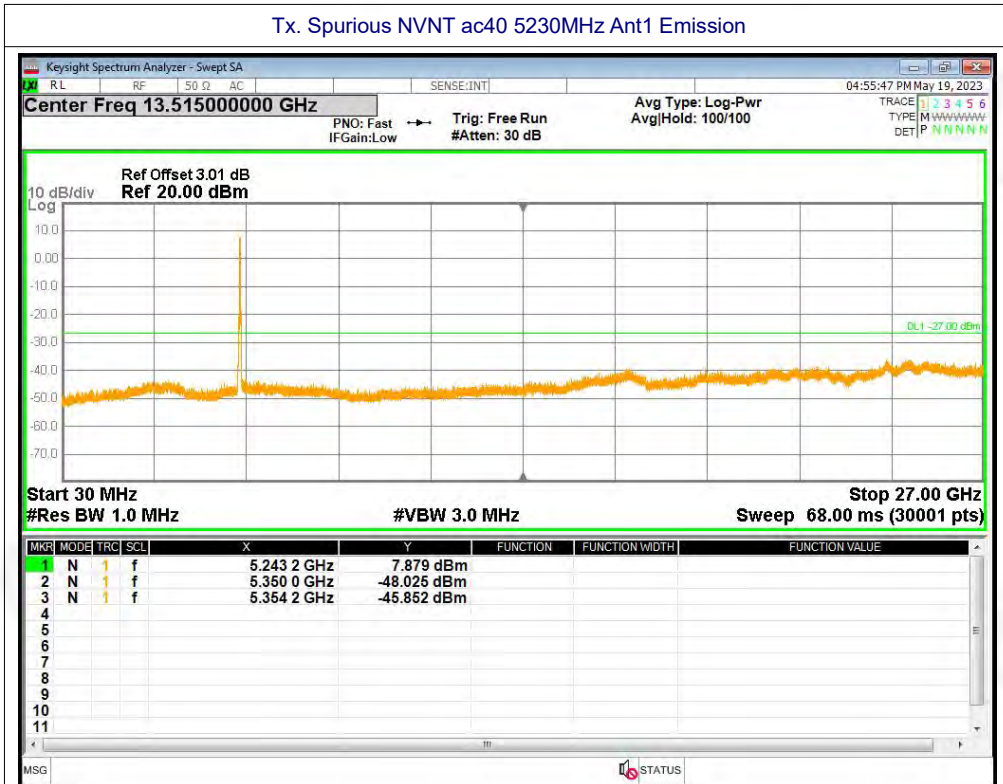


Tx. Spurious NVNT ac40 5190MHz Ant1 Emission





Tx. Spurious NVNT ac40 5230MHz Ant1 Emission

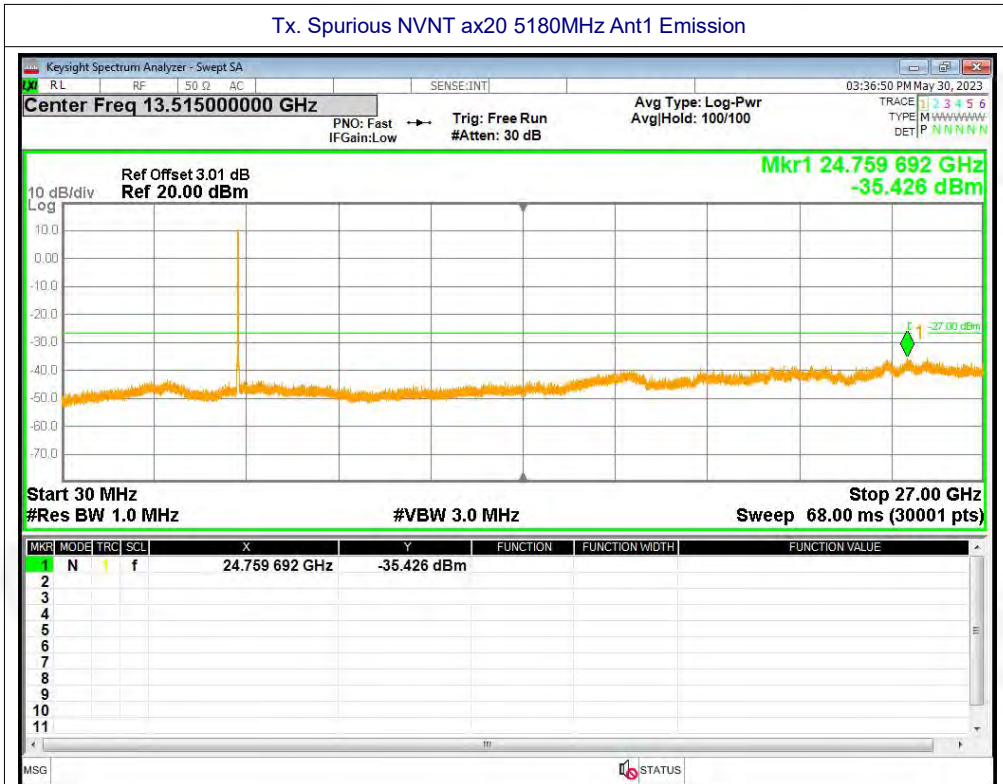


Tx. Spurious NVNT ac80 5210MHz Ant1 Emission





Tx. Spurious NVNT ax20 5180MHz Ant1 Emission

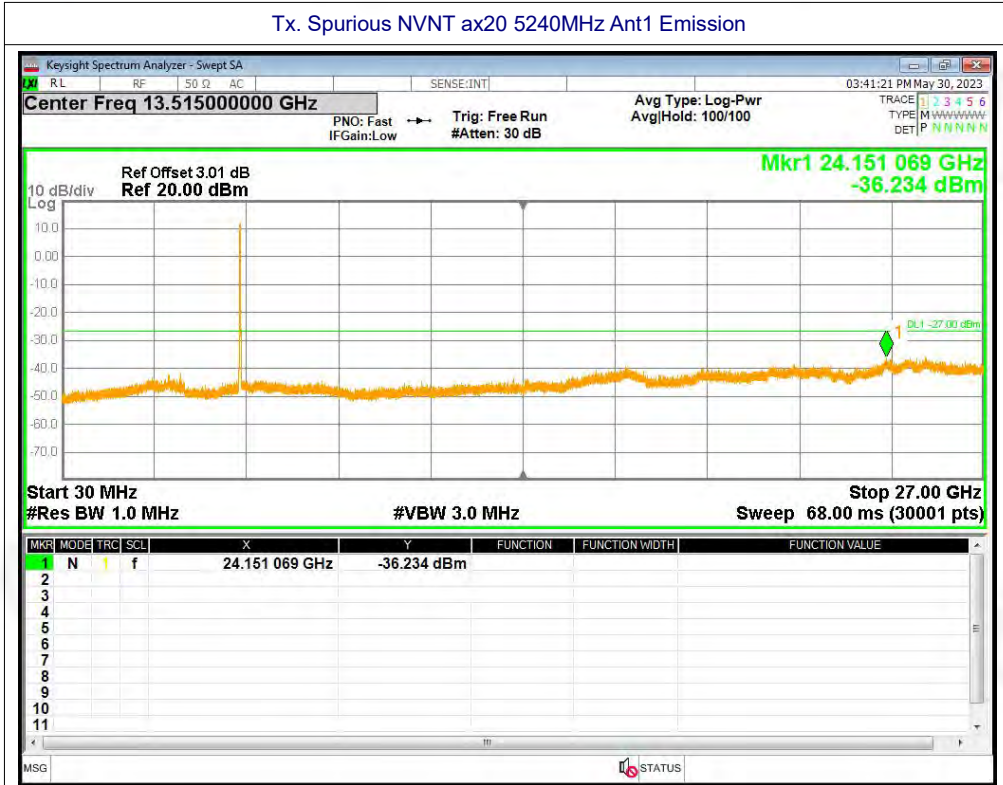


Tx. Spurious NVNT ax20 5200MHz Ant1 Emission





Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



Tx. Spurious NVNT ax40 5190MHz Ant1 Emission





Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



Tx. Spurious NVNT ax80 5210MHz Ant1 Emission

