



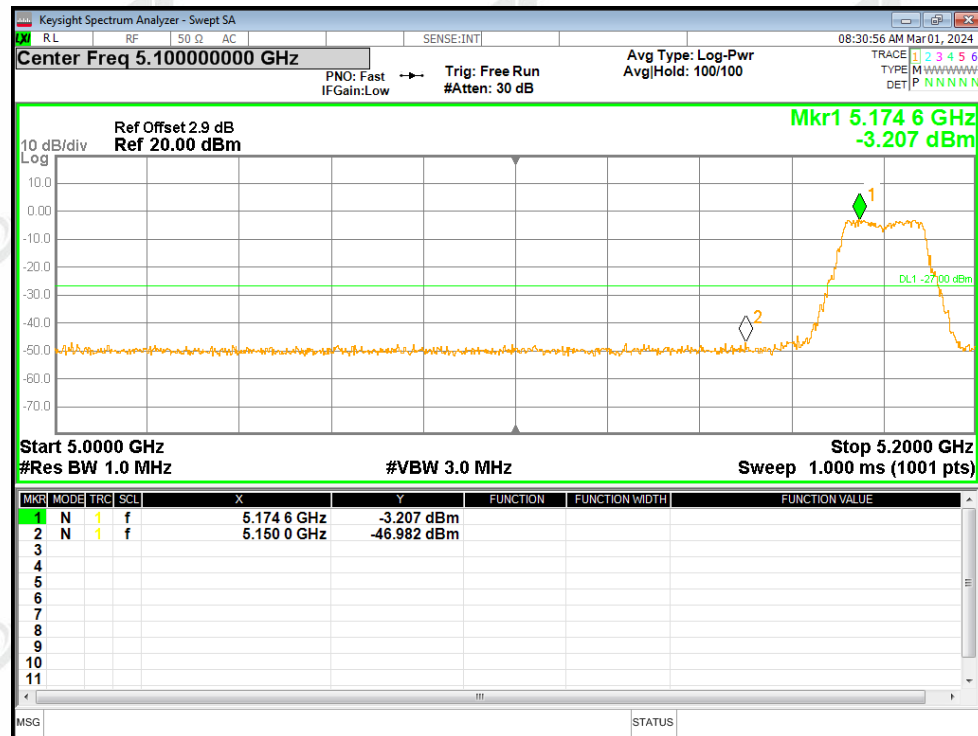
B6. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-46.98	-27	Pass
NVNT	a	5240	Ant1	-46.49	-27	Pass
NVNT	a	5180	Ant2	-46.03	-27	Pass
NVNT	a	5240	Ant2	-45.69	-27	Pass
NVNT	n20	5180	Ant1	-46.2	-27	Pass
NVNT	n20	5240	Ant1	-46.22	-27	Pass
NVNT	n20	5180	Ant2	-47.02	-27	Pass
NVNT	n20	5240	Ant2	-45.72	-27	Pass
NVNT	n40	5190	Ant1	-47.06	-27	Pass
NVNT	n40	5230	Ant1	-46.63	-27	Pass
NVNT	n40	5190	Ant2	-47.33	-27	Pass
NVNT	n40	5230	Ant2	-46.34	-27	Pass
NVNT	ac20	5180	Ant1	-47.2	-27	Pass
NVNT	ac20	5240	Ant1	-45.33	-27	Pass
NVNT	ac20	5180	Ant2	-46.66	-27	Pass
NVNT	ac20	5240	Ant2	-45.89	-27	Pass
NVNT	ac40	5190	Ant1	-47.45	-27	Pass
NVNT	ac40	5230	Ant1	-46.27	-27	Pass
NVNT	ac40	5190	Ant2	-47.31	-27	Pass
NVNT	ac40	5230	Ant2	-46.44	-27	Pass
NVNT	ac80	5210	Ant1	-46.86	-27	Pass
NVNT	ac80	5210	Ant2	-46.7	-27	Pass

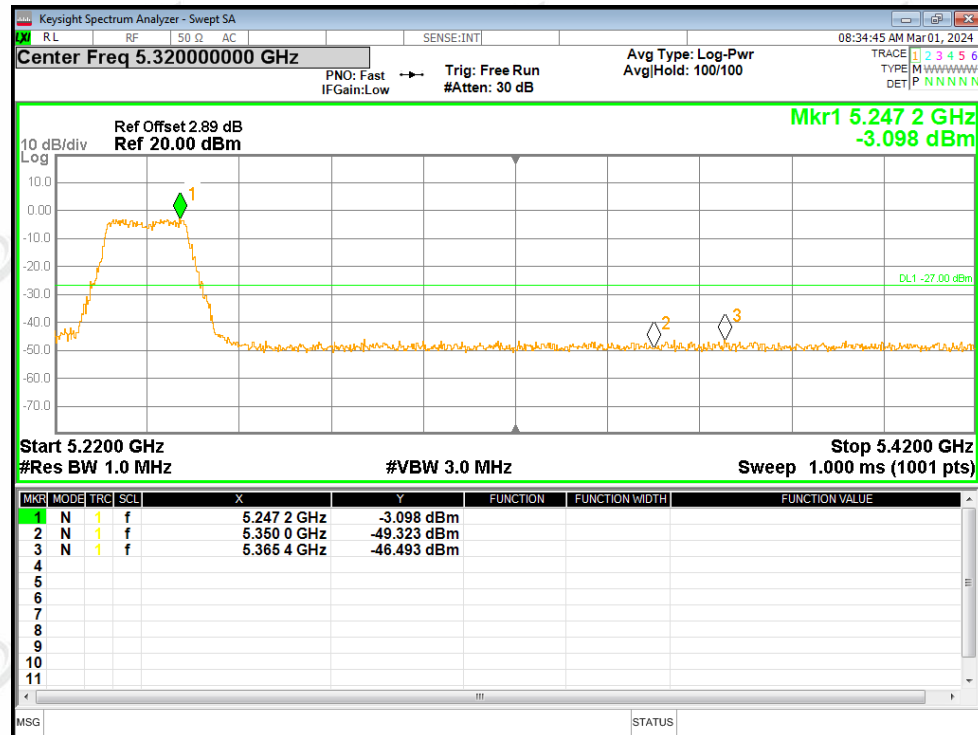


Test Graphs

Band Edge NVNT a 5180MHz Low Ant1

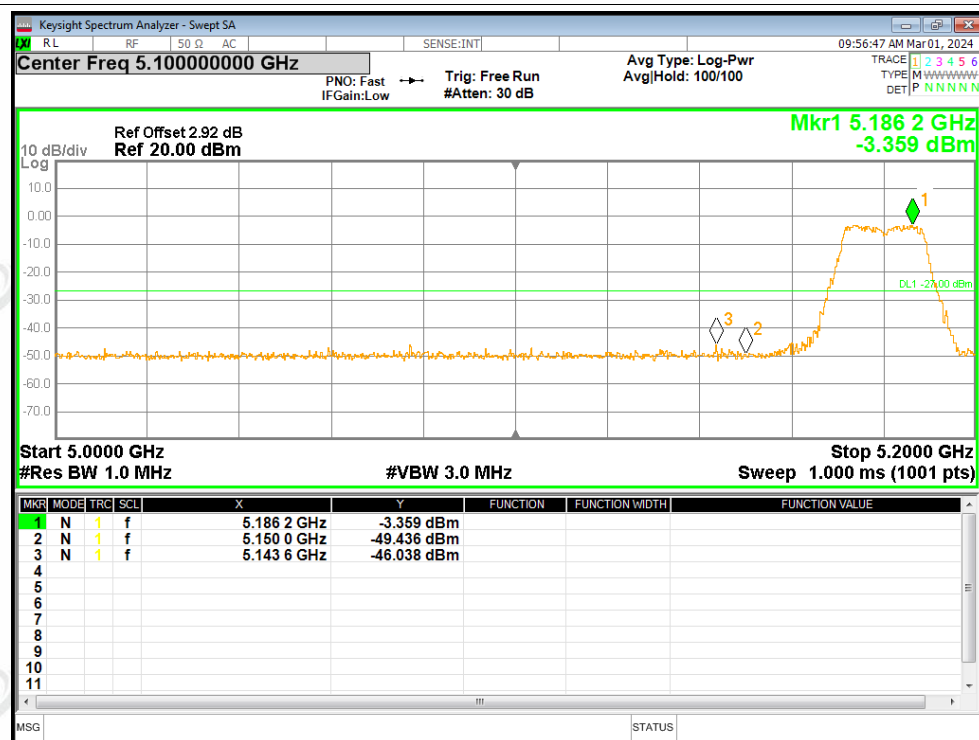


Band Edge NVNT a 5240MHz High Ant1

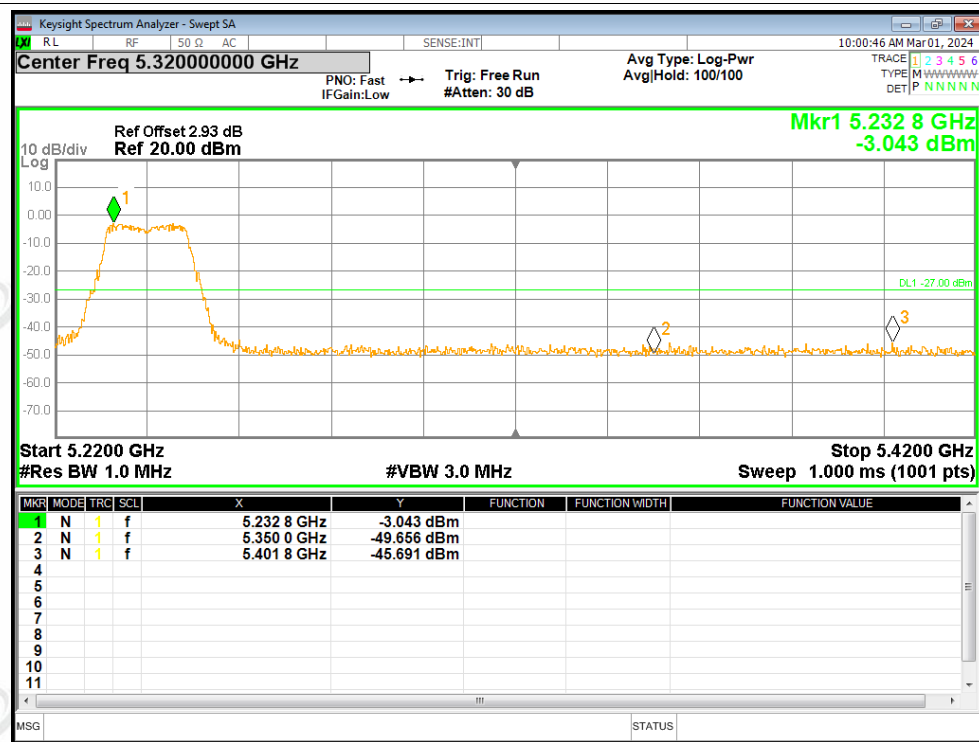




Band Edge NVNT a 5180MHz Low Ant2

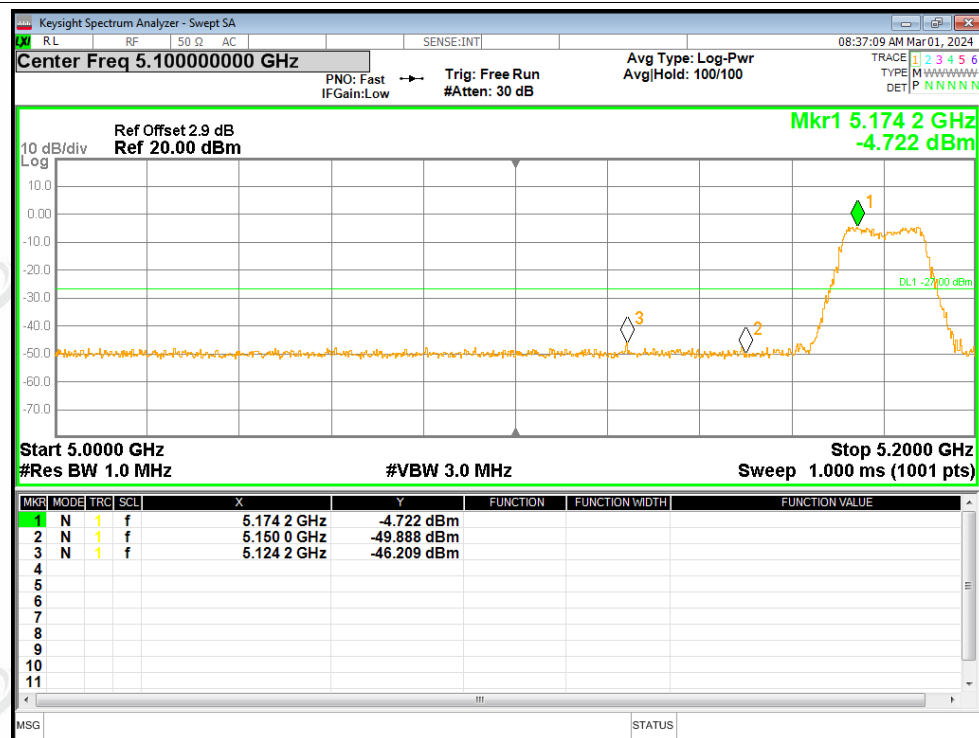


Band Edge NVNT a 5240MHz High Ant2

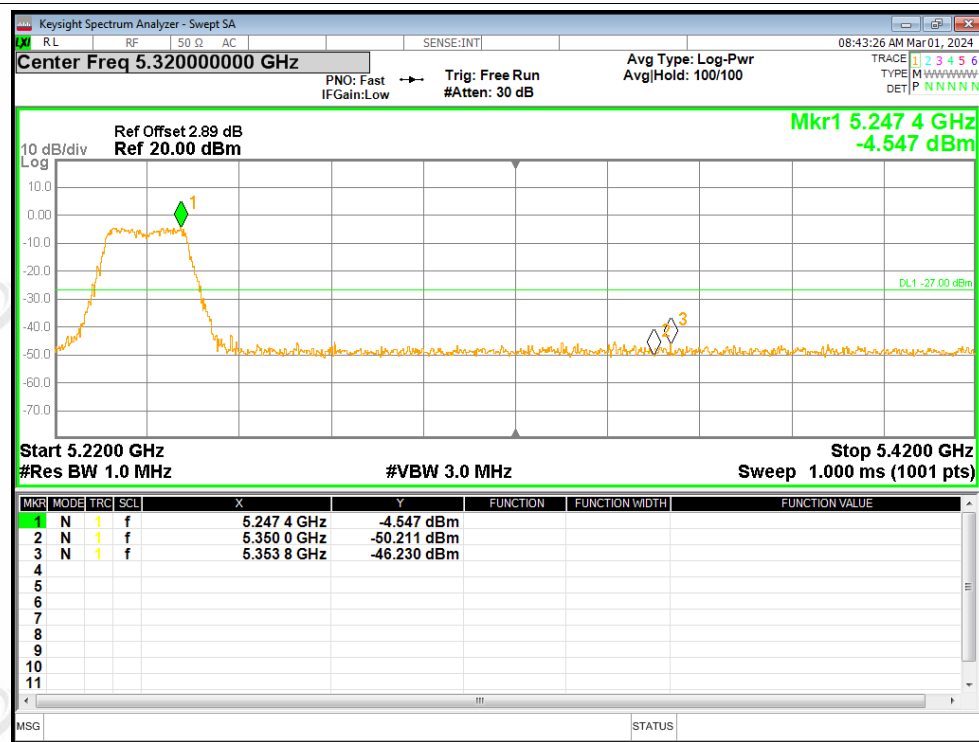




Band Edge NVNT n20 5180MHz Low Ant1

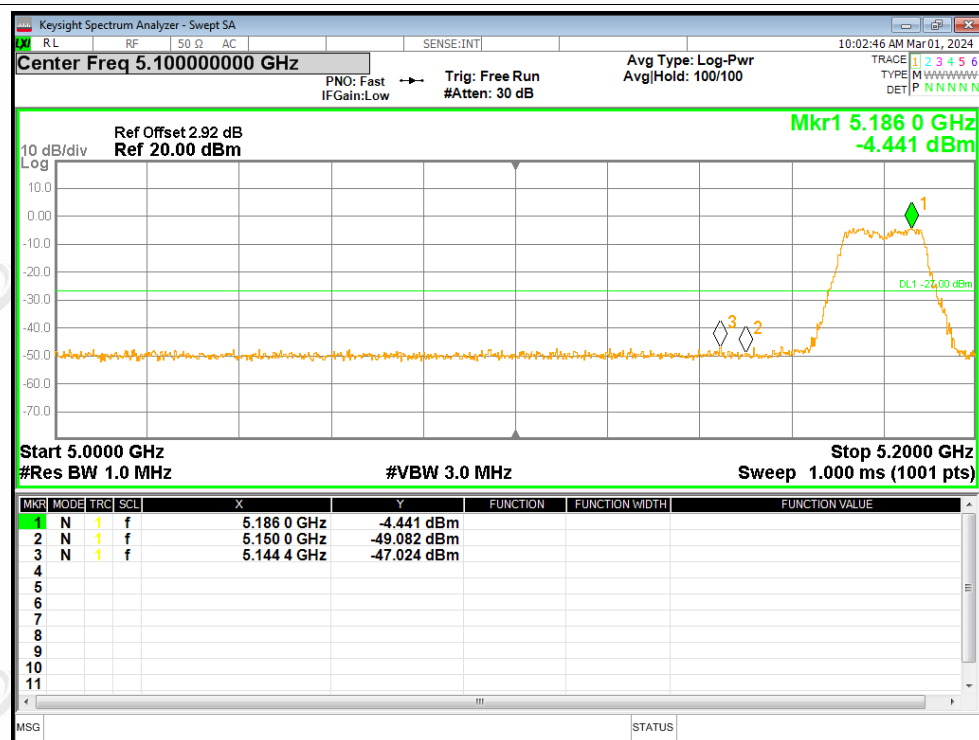


Band Edge NVNT n20 5240MHz High Ant1

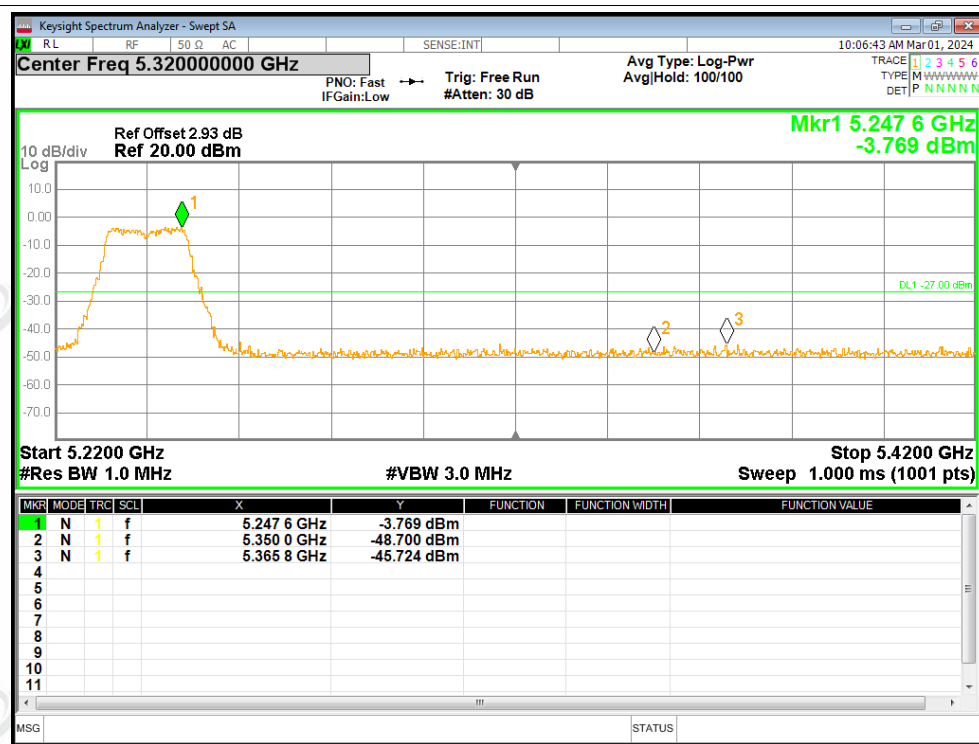




Band Edge NVNT n20 5180MHz Low Ant2

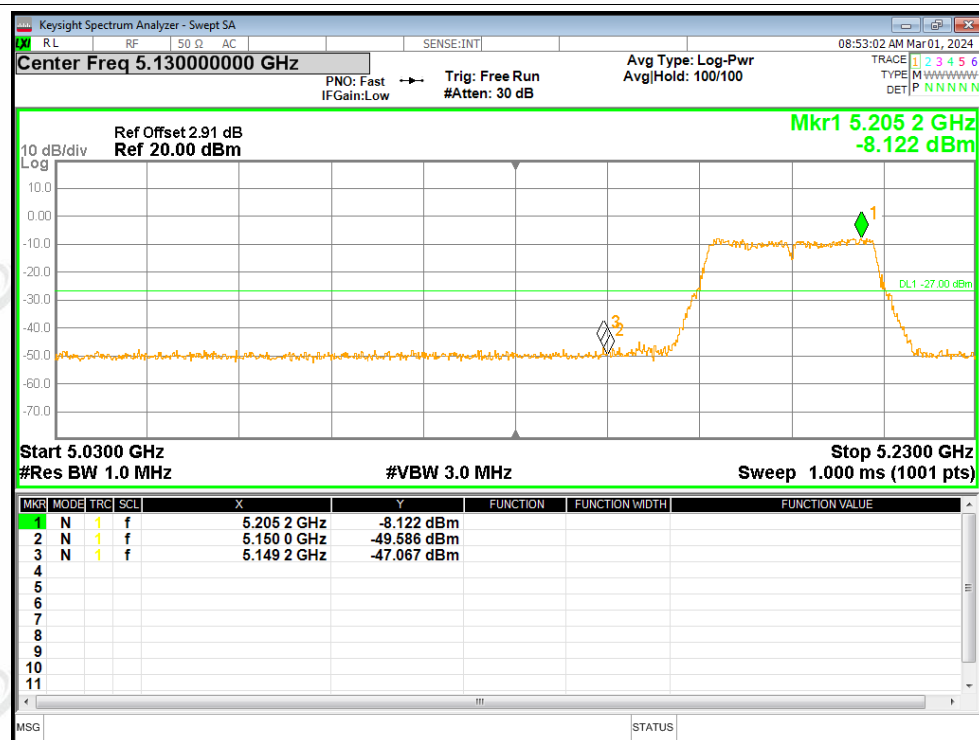


Band Edge NVNT n20 5240MHz High Ant2

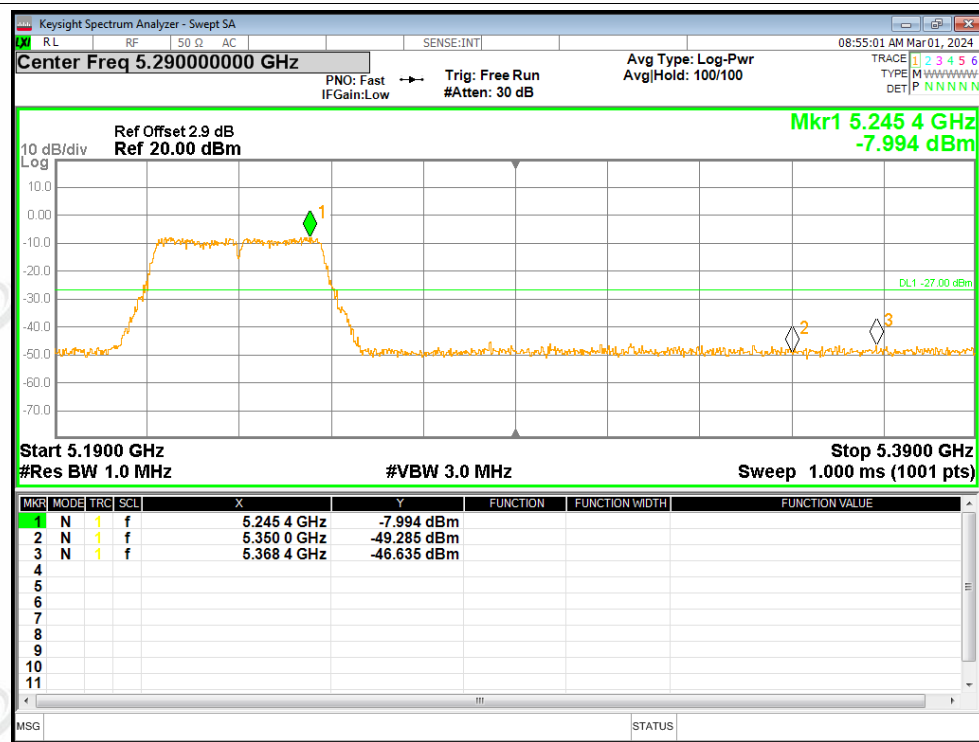




Band Edge NVNT n40 5190MHz Low Ant1

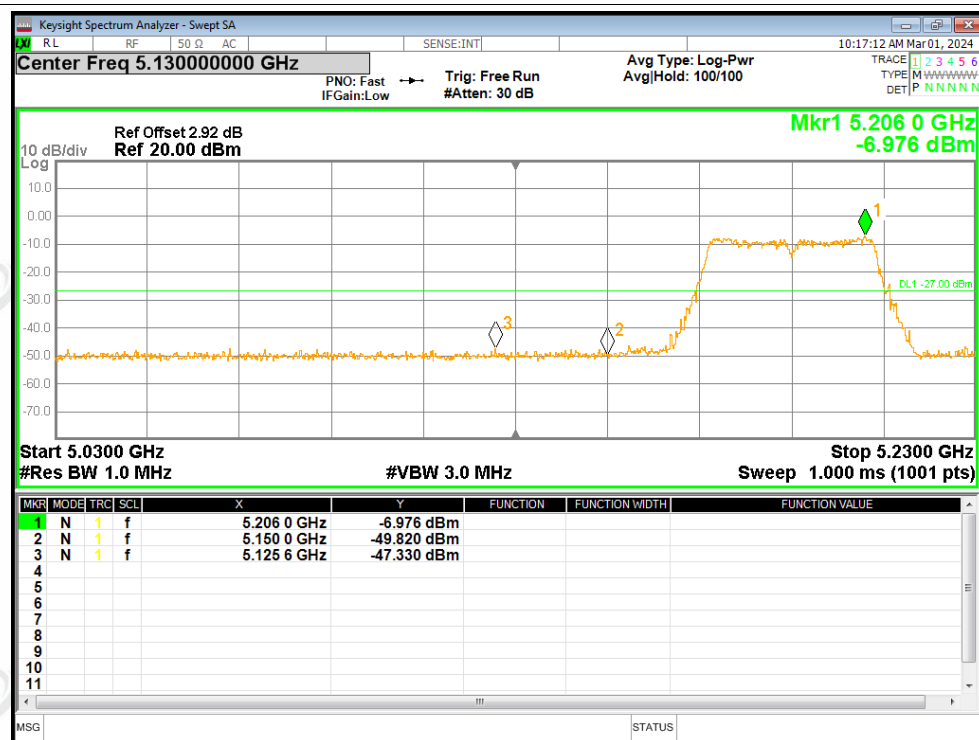


Band Edge NVNT n40 5230MHz High Ant1

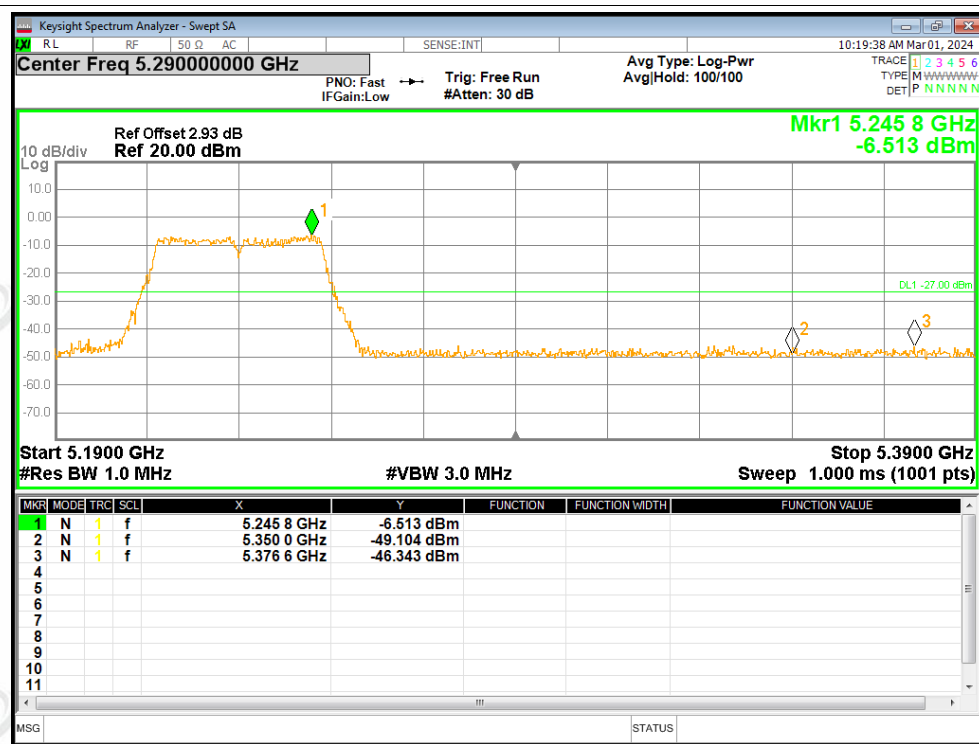




Band Edge NVNT n40 5190MHz Low Ant2

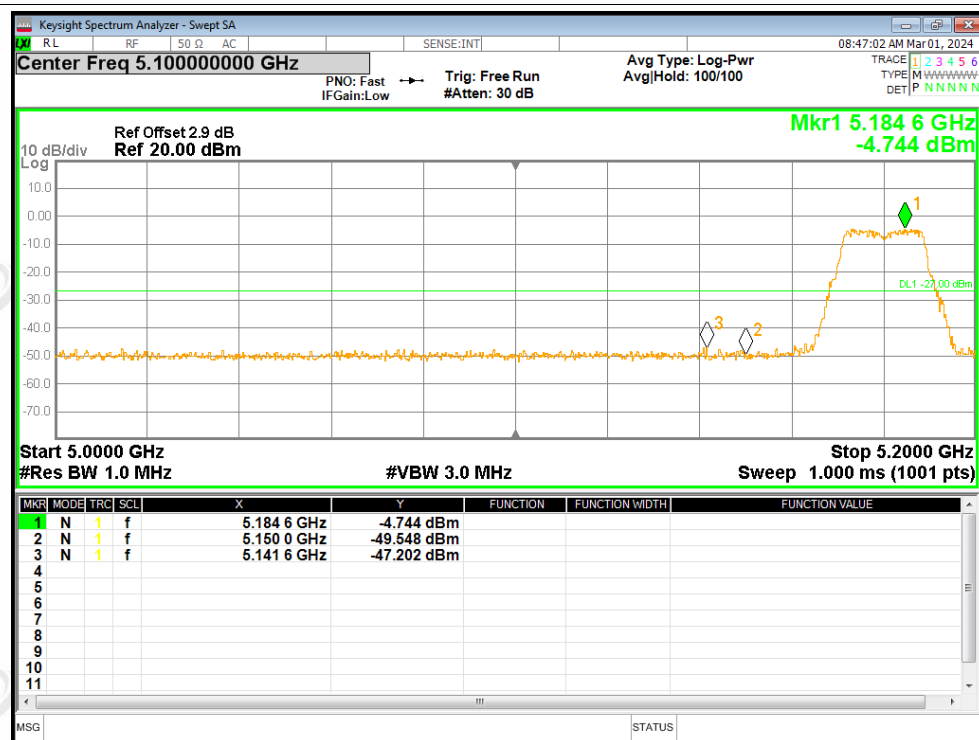


Band Edge NVNT n40 5230MHz High Ant2

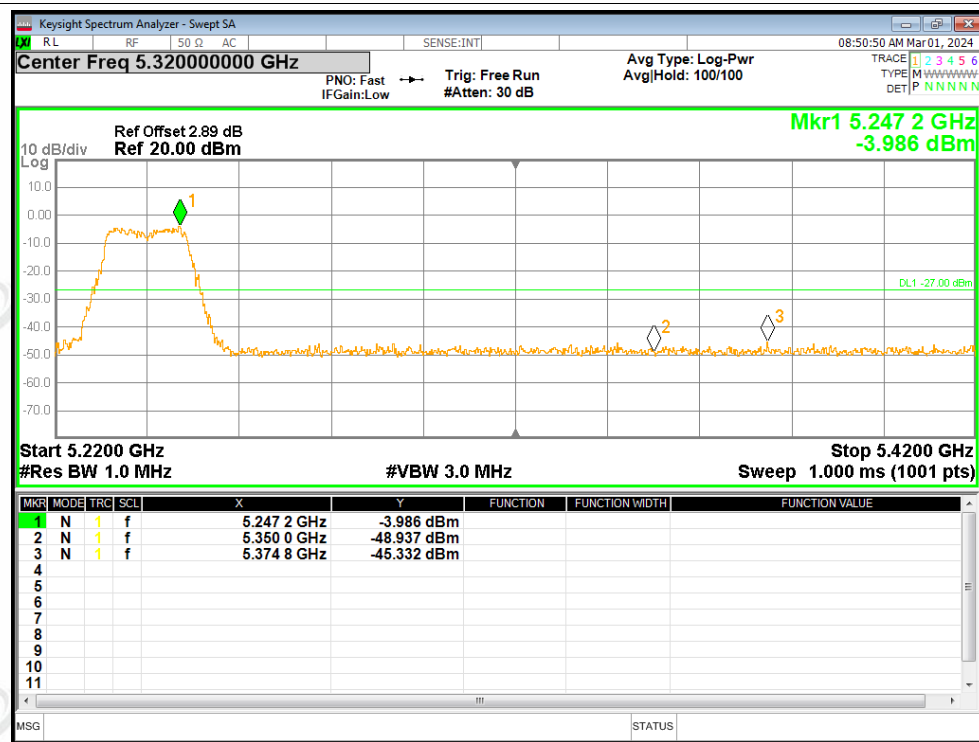




Band Edge NVNT ac20 5180MHz Low Ant1

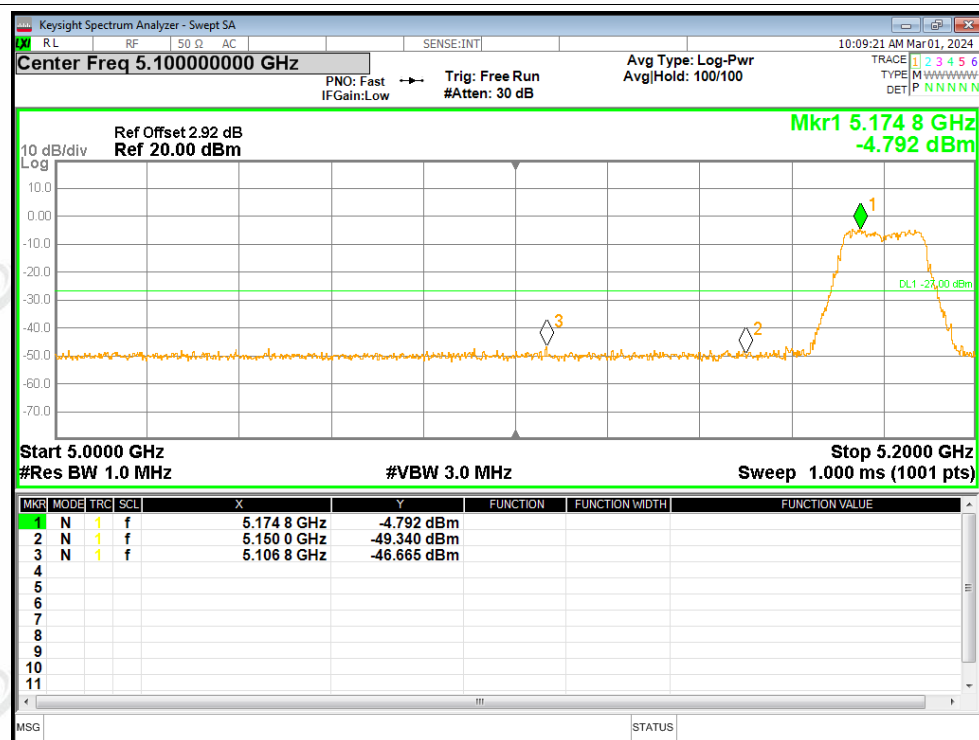


Band Edge NVNT ac20 5240MHz High Ant1

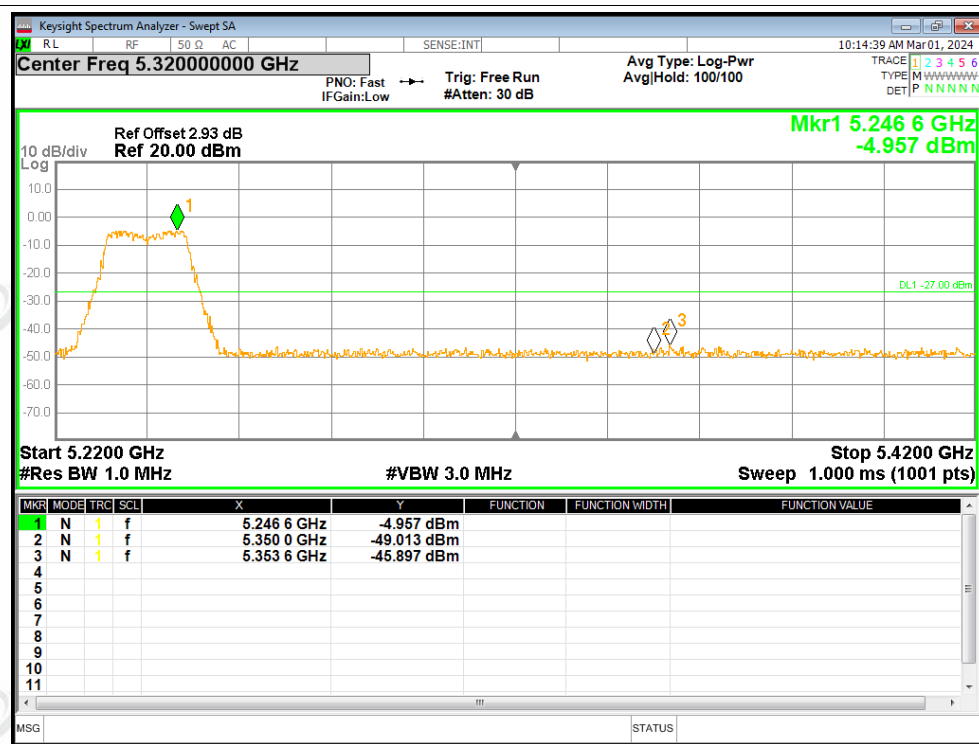




Band Edge NVNT ac20 5180MHz Low Ant2

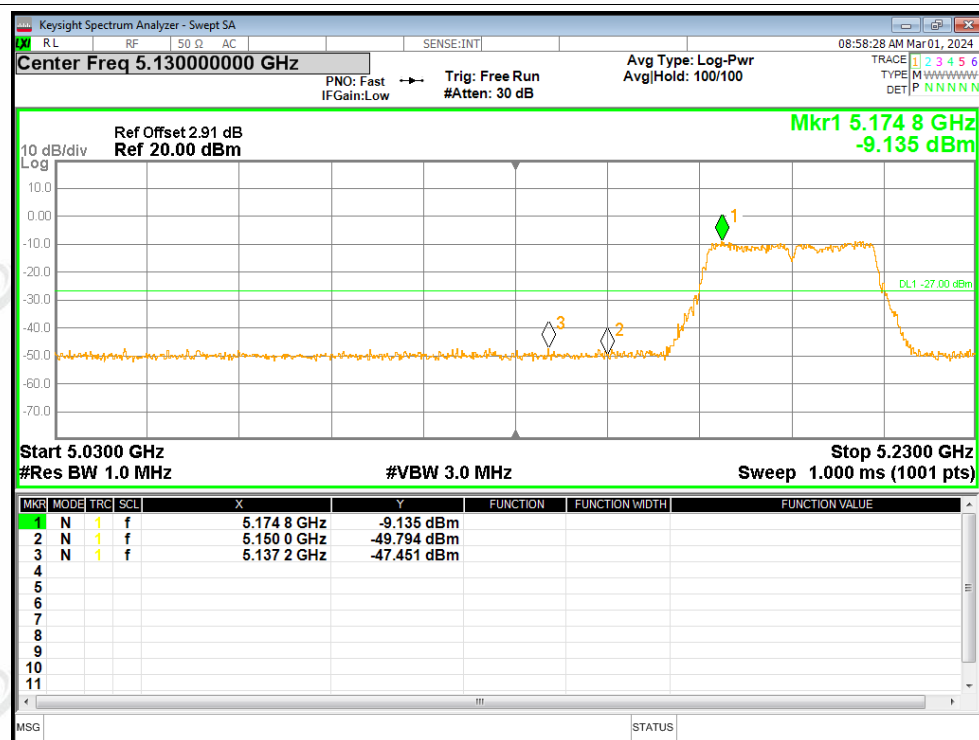


Band Edge NVNT ac20 5240MHz High Ant2

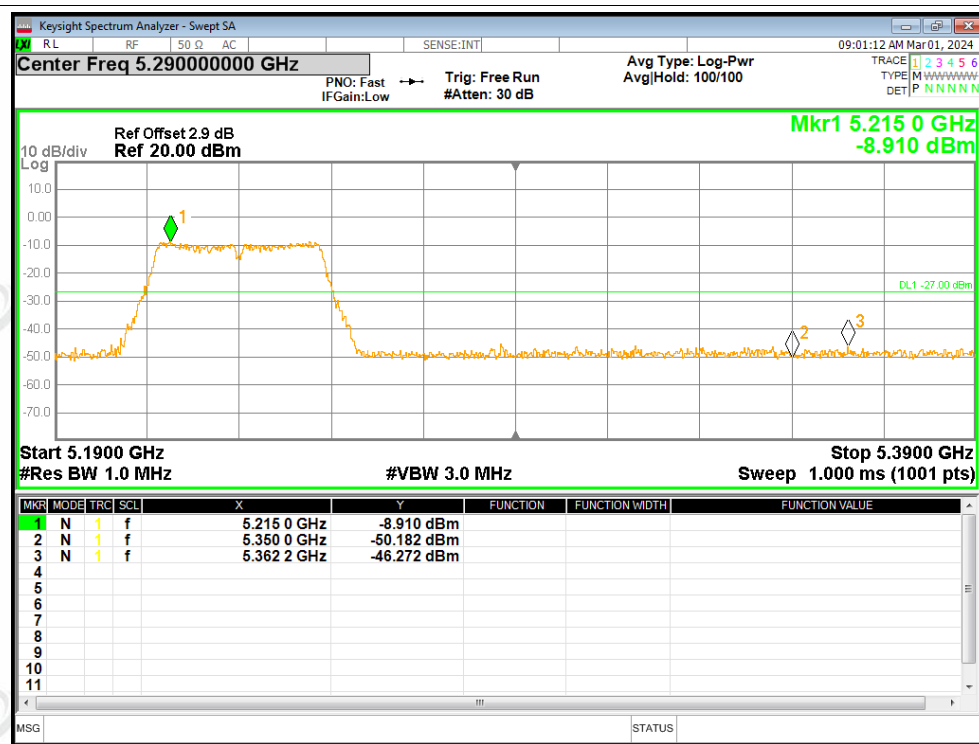




Band Edge NVNT ac40 5190MHz Low Ant1

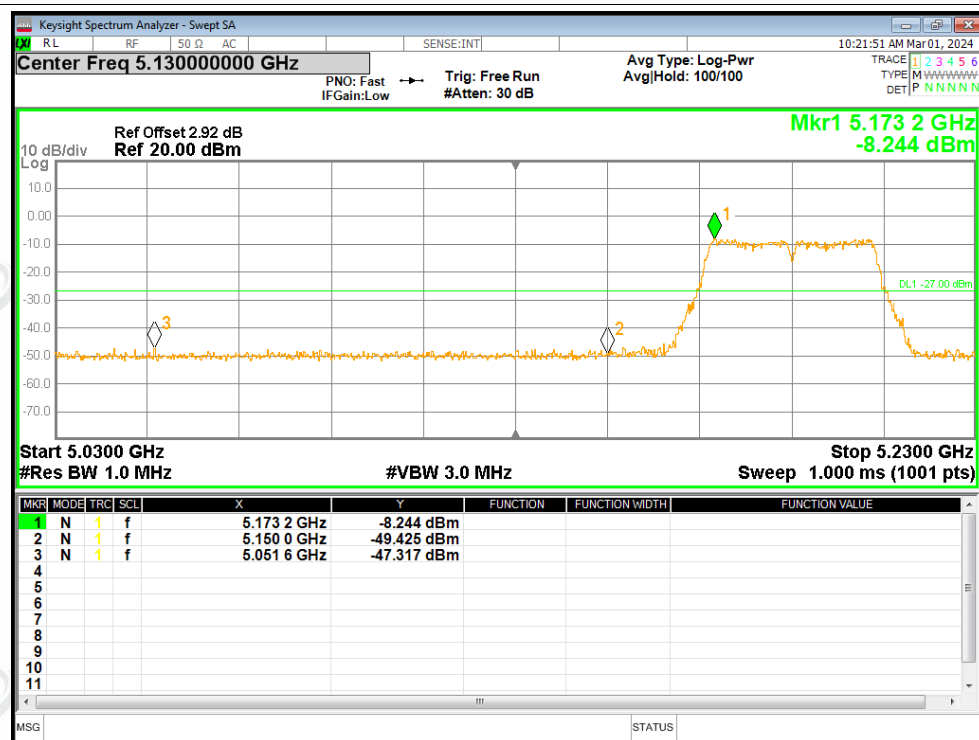


Band Edge NVNT ac40 5230MHz High Ant1

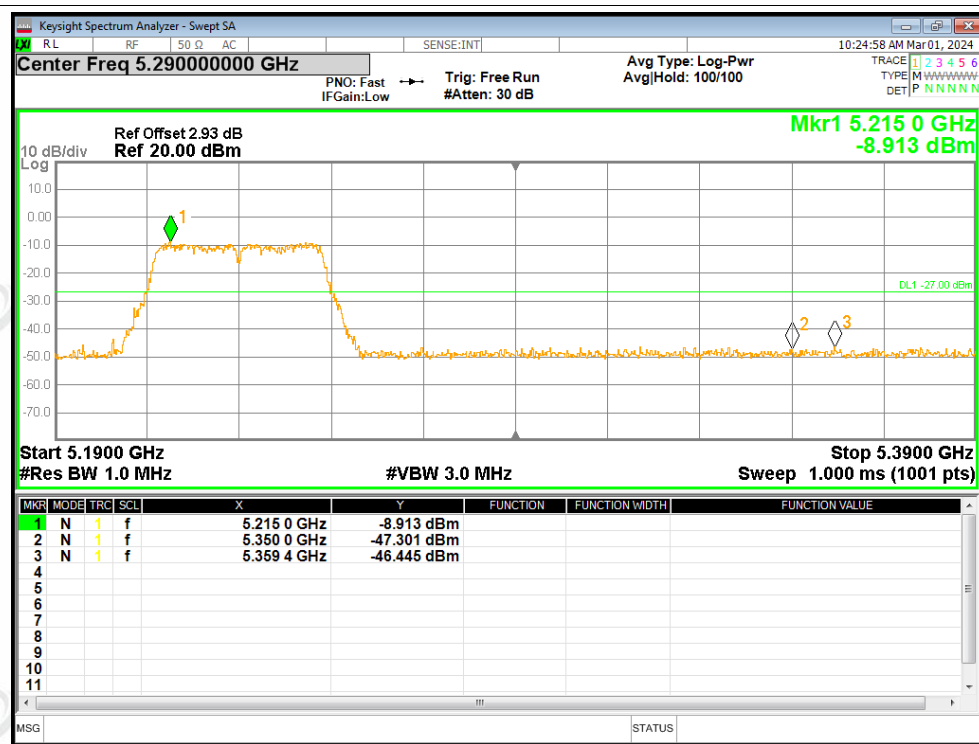




Band Edge NVNT ac40 5190MHz Low Ant2

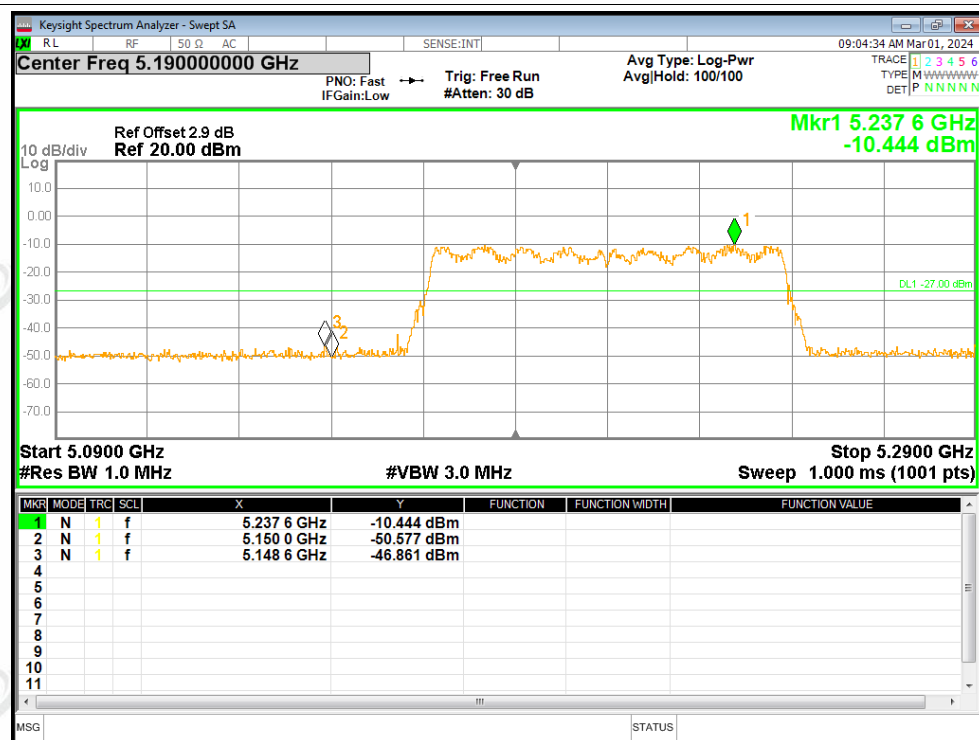


Band Edge NVNT ac40 5230MHz High Ant2

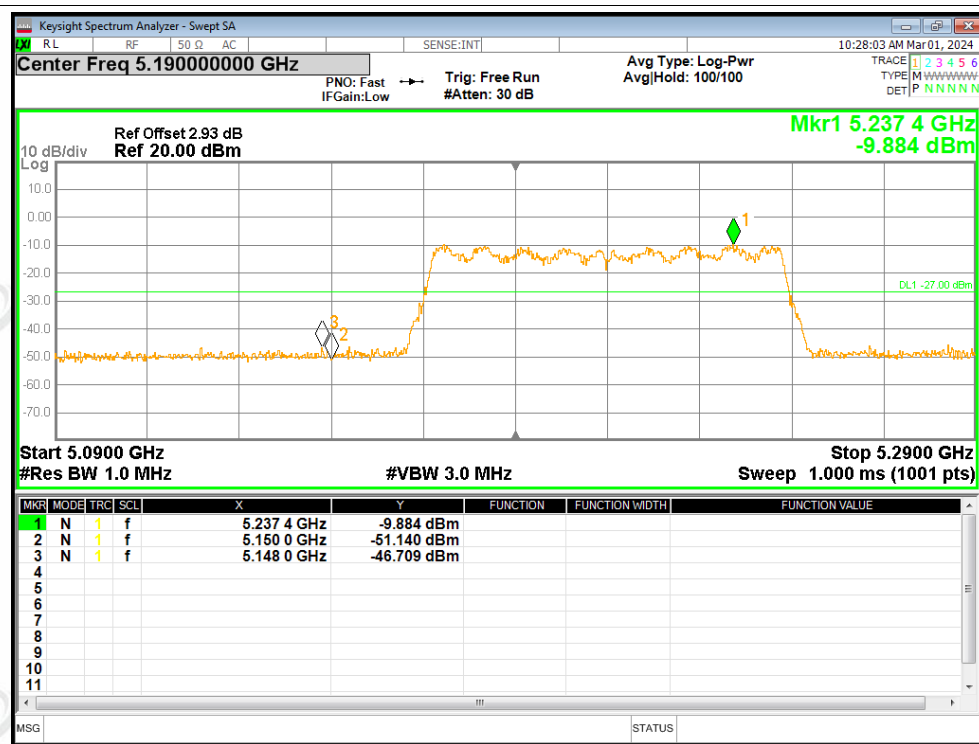




Band Edge NVNT ac80 5210MHz Low Ant1



Band Edge NVNT ac80 5210MHz Low Ant2



**B7. Frequency Stability**

ANT 1

Voltage							
TestMode	Channel	Voltage [Vdc]	Temperature (°C)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5180	NV	NT	-40000	-7.72	Within 5150-5250MHz- 22.9 -22.9	Pass
		LV	NT	-40000	-7.72		
		HV	NT	-40000	-7.72		
	5200	NV	NT	-40000	-7.69		
		LV	NT	-40000	-7.69		
		HV	NT	-40000	-7.69		
	5240	NV	NT	-40000	-7.63		
		LV	NT	-40000	-7.63		
		HV	NT	-40000	-7.63		
n20	5180	NV	NT	-60000	-11.58		
		LV	NT	-60000	-11.58		
		HV	NT	-60000	-11.58		
	5200	NV	NT	-40000	-7.69		
		LV	NT	-40000	-7.69		
		HV	NT	-40000	-7.69		
	5240	NV	NT	-60000	-11.45		
		LV	NT	-60000	-11.45		
		HV	NT	-60000	-11.45		
ac20	5180	NV	NT	-60000	-11.58		
		LV	NT	-60000	-11.58		
		HV	NT	-60000	-11.58		
	5200	NV	NT	-60000	-11.54		
		LV	NT	-60000	-11.54		
		HV	NT	-60000	-11.54		
	5240	NV	NT	-60000	-11.45		
		LV	NT	-60000	-11.45		
		HV	NT	-60000	-11.45		



n40	5190	NV	NT	0	0	Within 5150-5250MHz	Pass
		LV	NT	0	0		
		HV	NT	0	0		
	5230	NV	NT	-40000	-7.65		
		LV	NT	-40000	-7.65		
		HV	NT	-40000	-7.65		
ac40	5190	NV	NT	-40000	-7.71		
		LV	NT	-40000	-7.71		
		HV	NT	-40000	-7.71		
	5230	NV	NT	-80000	-15.3		
		LV	NT	-80000	-15.3		
		HV	NT	-80000	-15.3		
ac80	5210	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		





Voltage							
TestMode	Channel	Voltage [Vdc]	Temperature (°C)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5180	NV	-20	-40000	-7.72	Within 5150-5250MHz	Pass
		NV	30	-40000	-7.72		
		NV	50	-40000	-7.72		
	5200	NV	20	-40000	-7.69		
		NV	30	-40000	-7.69		
		NV	50	-40000	-7.69		
	5240	NV	-20	-40000	-7.63		
		NV	30	-40000	-7.63		
		NV	50	-40000	-7.63		
n20	5180	NV	-20	-60000	-11.58		
		NV	30	-60000	-11.58		
		NV	50	-60000	-11.58		
	5200	NV	-20	-40000	-7.69		
		NV	30	-40000	-7.69		
		NV	50	-40000	-7.69		
	5240	NV	-20	-60000	-11.45		
		NV	30	-60000	-11.45		
		NV	50	-60000	-11.45		
ac20	5180	NV	-20	-60000	-11.58		
		NV	30	-60000	-11.58		
		NV	50	-60000	-11.58		
	5200	NV	-20	-60000	-11.54		
		NV	30	-60000	-11.54		
		NV	50	-60000	-11.54		
	5240	NV	-20	-60000	-11.45		
		NV	30	-60000	-11.45		
		NV	50	-60000	-11.45		



n40	5190	NV	-20	0	0	Within 5150-5250MHz	Pass
		NV	30	0	0		
		NV	50	0	0		
	5230	NV	-20	-40000	-7.65		
		NV	30	-40000	-7.65		
		NV	50	-40000	-7.65		
ac40	5190	NV	-20	-40000	-7.71		
		NV	30	-40000	-7.71		
		NV	50	-40000	-7.71		
	5230	NV	-20	-80000	-15.3		
		NV	30	-80000	-15.3		
		NV	50	-80000	-15.3		
ac80	5210	NV	-20	0	0		
		NV	30	0	0		
		NV	50	0	0		





Voltage							
TestMode	Channel	Voltage [Vdc]	Temperature (°C)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5180	NV	NT	-40000	-7.63	Within 5150-5250MHz- 22.9 -22.9-3.86	Pass
		LV	NT	-40000	-7.63		
		HV	NT	-40000	-7.63		
	5200	NV	NT	-40000	-7.69		
		LV	NT	-40000	-7.69		
		HV	NT	-40000	-7.69		
	5240	NV	NT	-11.45	25		
		LV	NT	-11.45	25		
		HV	NT	-11.45	25		
n20	5180	NV	NT	-40000	-7.72		
		LV	NT	-40000	-7.72		
		HV	NT	-40000	-7.72		
	5200	NV	NT	-40000	-7.69		
		LV	NT	-40000	-7.69		
		HV	NT	-40000	-7.69		
	5240	NV	NT	-60000	-11.45		
		LV	NT	-60000	-11.45		
		HV	NT	-60000	-11.45		
ac20	5180	NV	NT	-20000	-3.86		
		LV	NT	-20000	-3.86		
		HV	NT	-20000	-3.86		
	5200	NV	NT	-60000	-11.54		
		LV	NT	-60000	-11.54		
		HV	NT	-60000	-11.54		
	5240	NV	NT	-60000	-11.45		
		LV	NT	-60000	-11.45		
		HV	NT	-60000	-11.45		



n40	5190	NV	NT	0	0	Within 5150-5250MHz	Pass
		LV	NT	0	0		
		HV	NT	0	0		
	5230	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
ac40	5190	NV	NT	-40000	-7.71		
		LV	NT	-40000	-7.71		
		HV	NT	-40000	-7.71		
	5230	NV	NT	-40000	-7.65		
		LV	NT	-40000	-7.65		
		HV	NT	-40000	-7.65		
ac80	5210	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		





ANT 2

Voltage							
TestMode	Channel	Voltage [Vdc]	Temperature (°C)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5180	NV	-20	-40000	-7.63	Within 5150-5250MHz	Pass
		NV	30	-40000	-7.63		
		NV	50	-40000	-7.63		
	5200	NV	20	-40000	-7.69		
		NV	30	-40000	-7.69		
		NV	50	-40000	-7.69		
	5240	NV	-20	-11.45	25		
		NV	30	-11.45	25		
		NV	50	-11.45	25		
n20	5180	NV	-20	-40000	-7.72		
		NV	30	-40000	-7.72		
		NV	50	-40000	-7.72		
	5200	NV	-20	-40000	-7.69		
		NV	30	-40000	-7.69		
		NV	50	-40000	-7.69		
	5240	NV	-20	-60000	-11.45		
		NV	30	-60000	-11.45		
		NV	50	-60000	-11.45		
ac20	5180	NV	-20	-20000	-3.86		
		NV	30	-20000	-3.86		
		NV	50	-20000	-3.86		
	5200	NV	-20	-60000	-11.54		
		NV	30	-60000	-11.54		
		NV	50	-60000	-11.54		
	5240	NV	-20	-60000	-11.45		
		NV	30	-60000	-11.45		
		NV	50	-60000	-11.45		



n40	5190	NV	-20	0	0	Within 5150-5250MHz	Pass
		NV	30	0	0		
		NV	50	0	0		
	5230	NV	-20	0	0		
		NV	30	0	0		
		NV	50	0	0		
ac40	5190	NV	-20	-40000	-7.71		
		NV	30	-40000	-7.71		
		NV	50	-40000	-7.71		
	5230	NV	-20	-40000	-7.65		
		NV	30	-40000	-7.65		
		NV	50	-40000	-7.65		
ac80	5210	NV	-20	0	0		
		NV	30	0	0		
		NV	50	0	0		

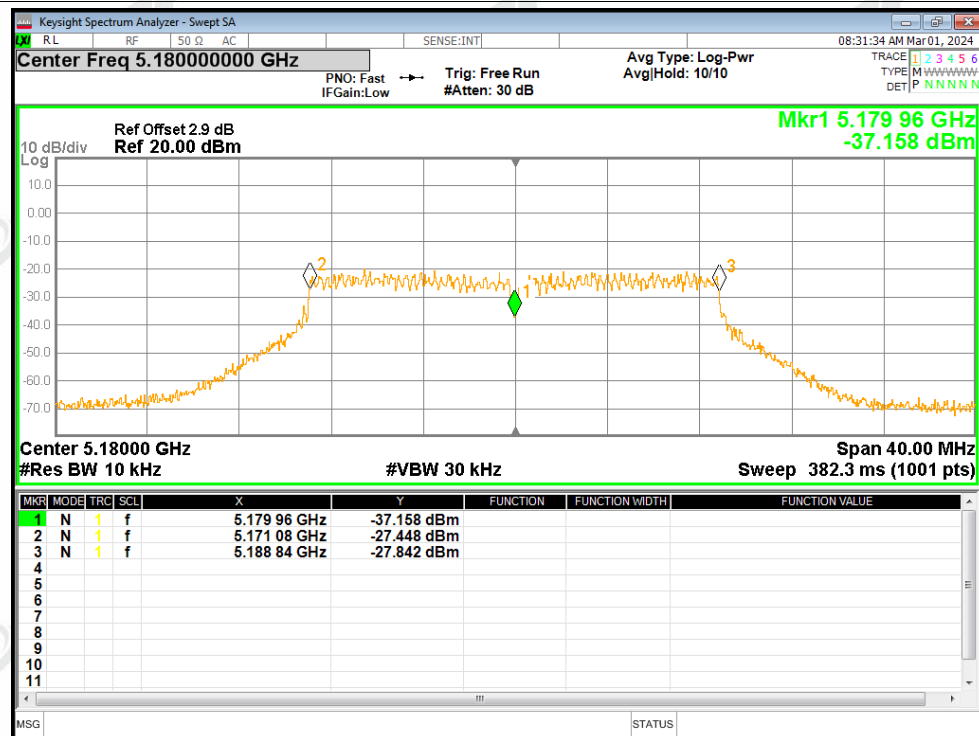
Note: Test temperature: -20° to +50°

At room temperature, the test results are the worst, only reflecting the test results at room temperature.

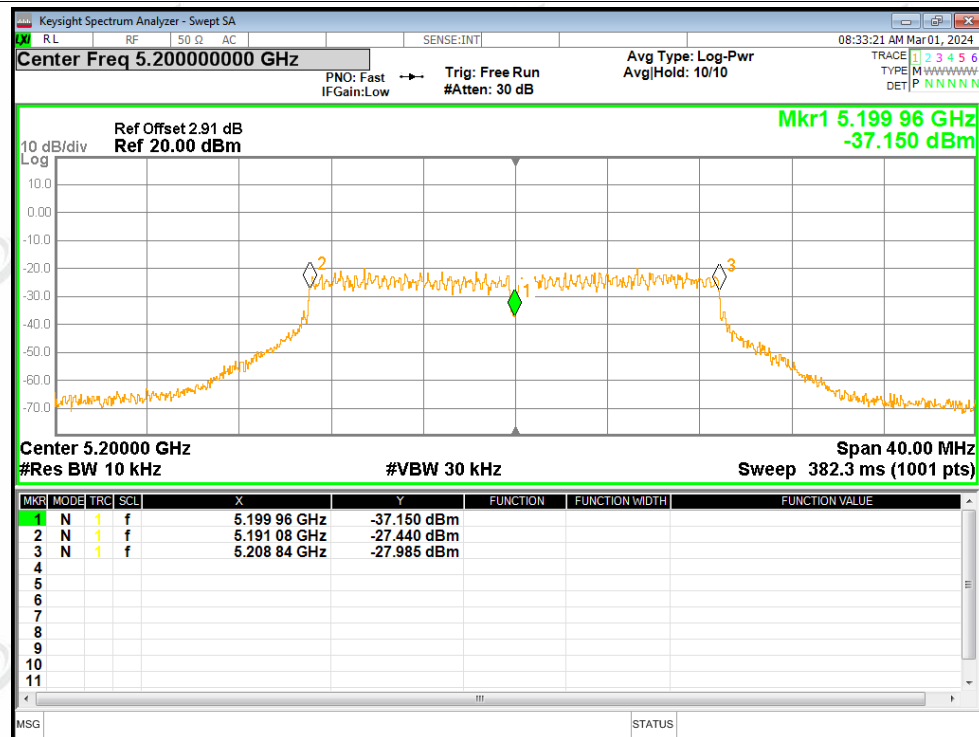


Test Graphs

Freq. Stability NVNT a 5180MHz Ant1

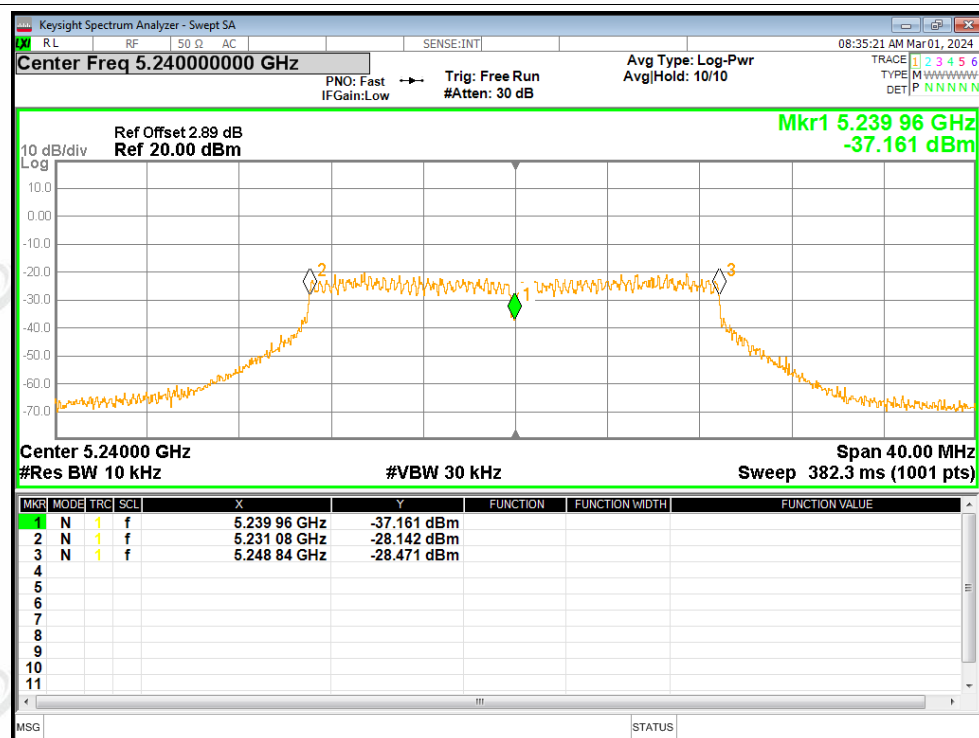


Freq. Stability NVNT a 5200MHz Ant1

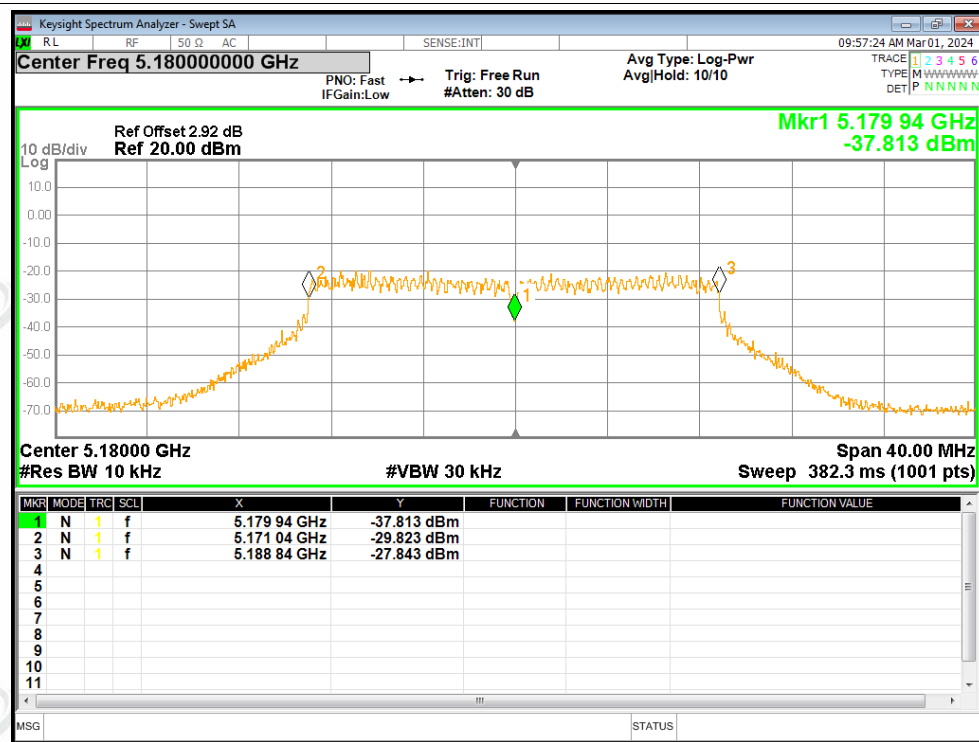




Freq. Stability NVNT a 5240MHz Ant1

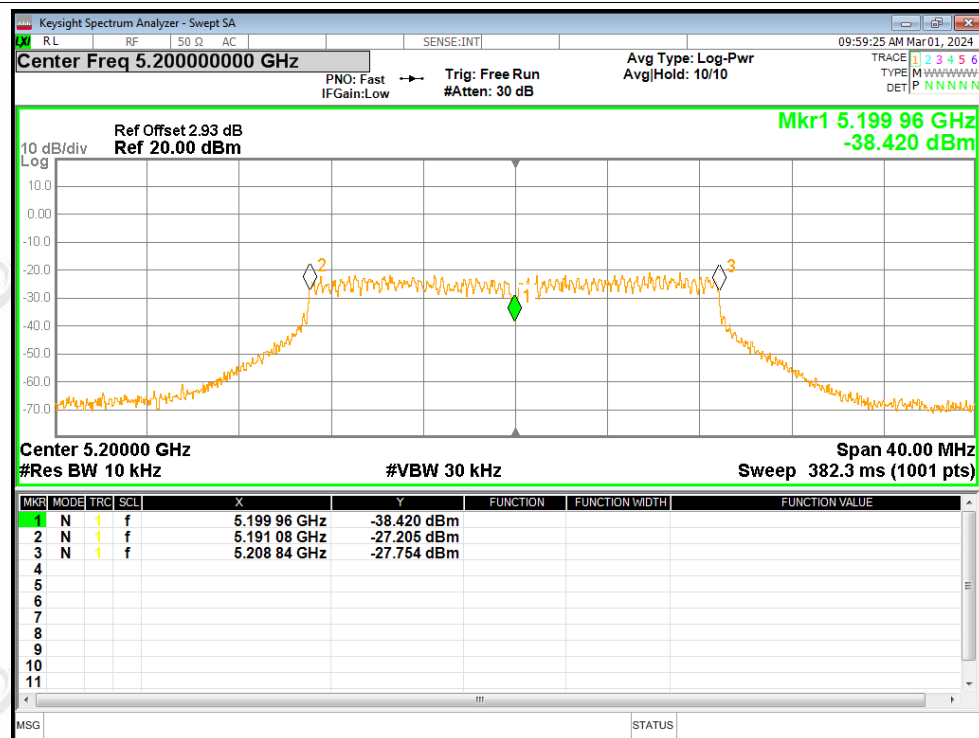


Freq. Stability NVNT a 5180MHz Ant2

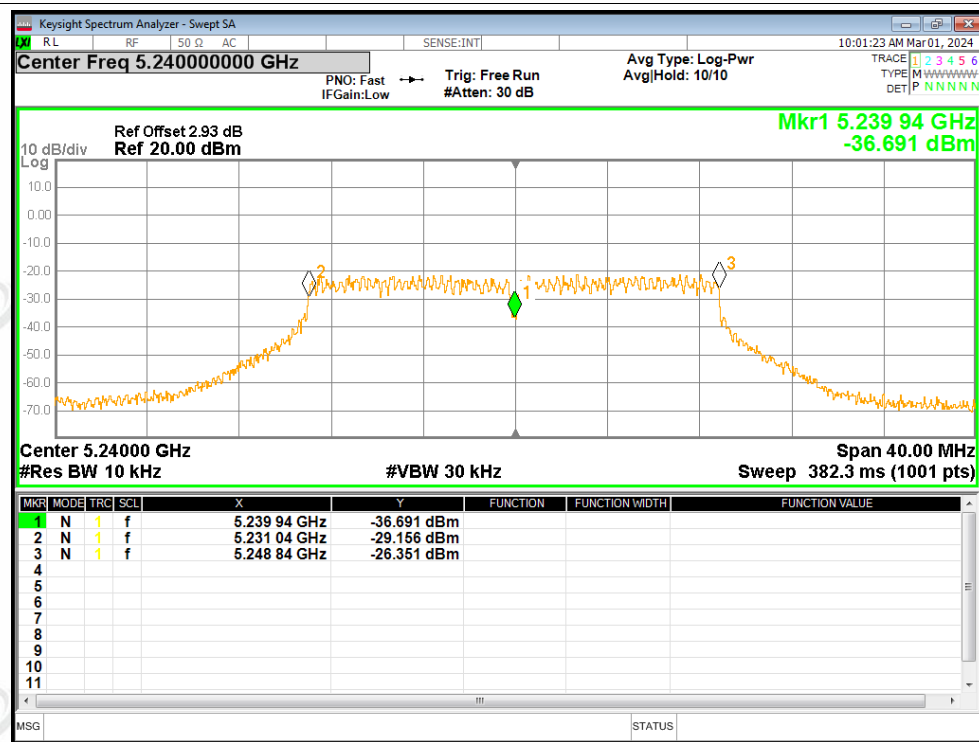




Freq. Stability NVNT a 5200MHz Ant2

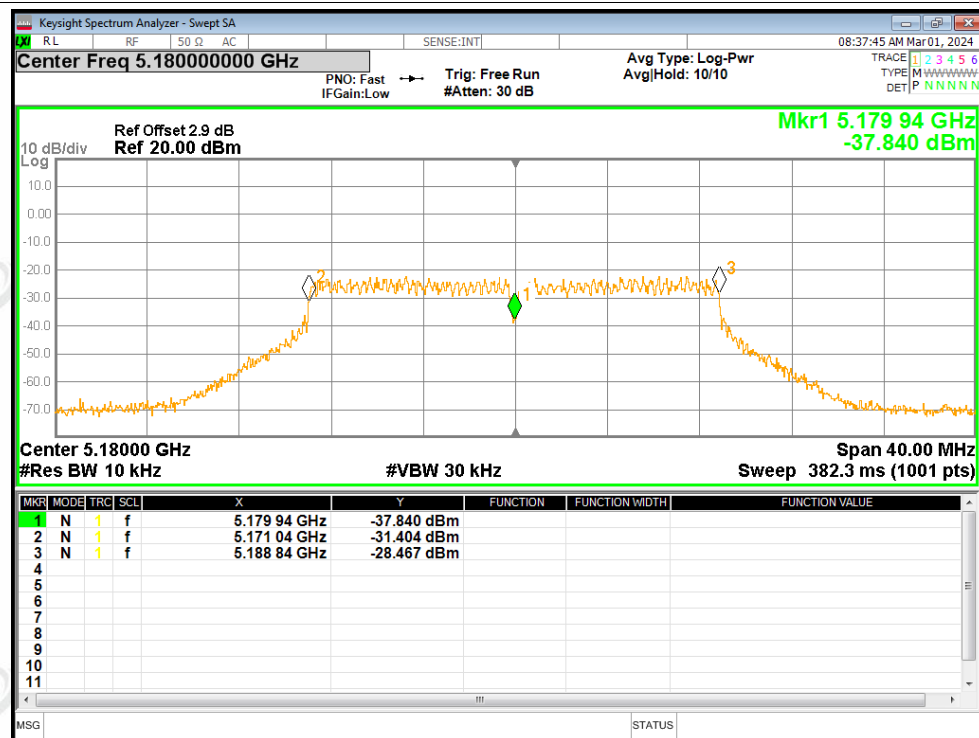


Freq. Stability NVNT a 5240MHz Ant2

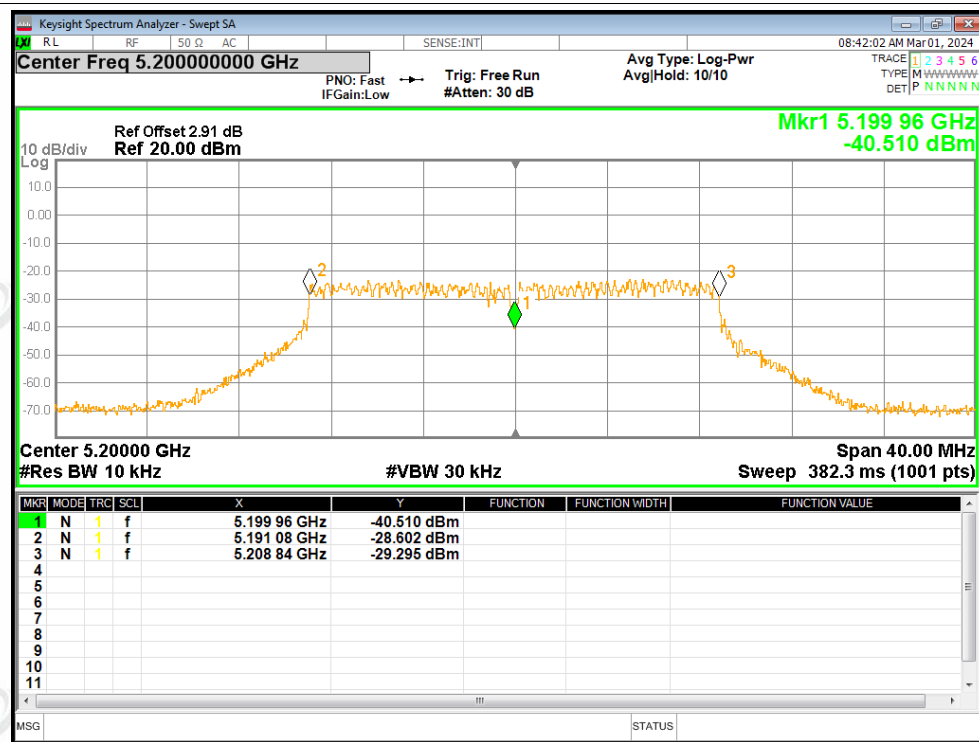




Freq. Stability NVNT n20 5180MHz Ant1

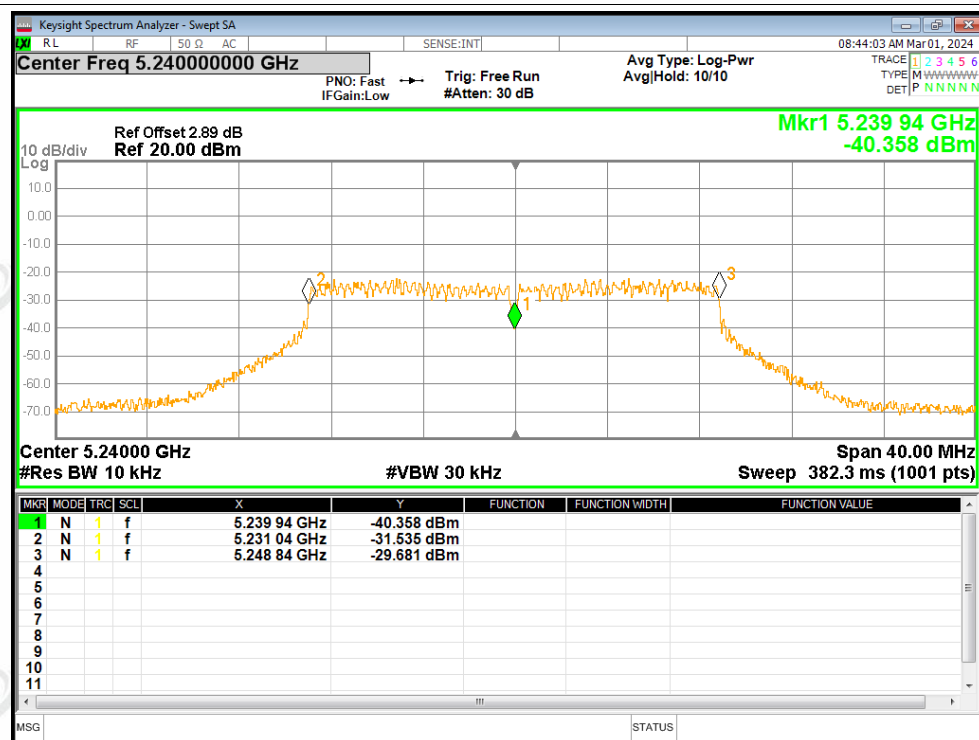


Freq. Stability NVNT n20 5200MHz Ant1

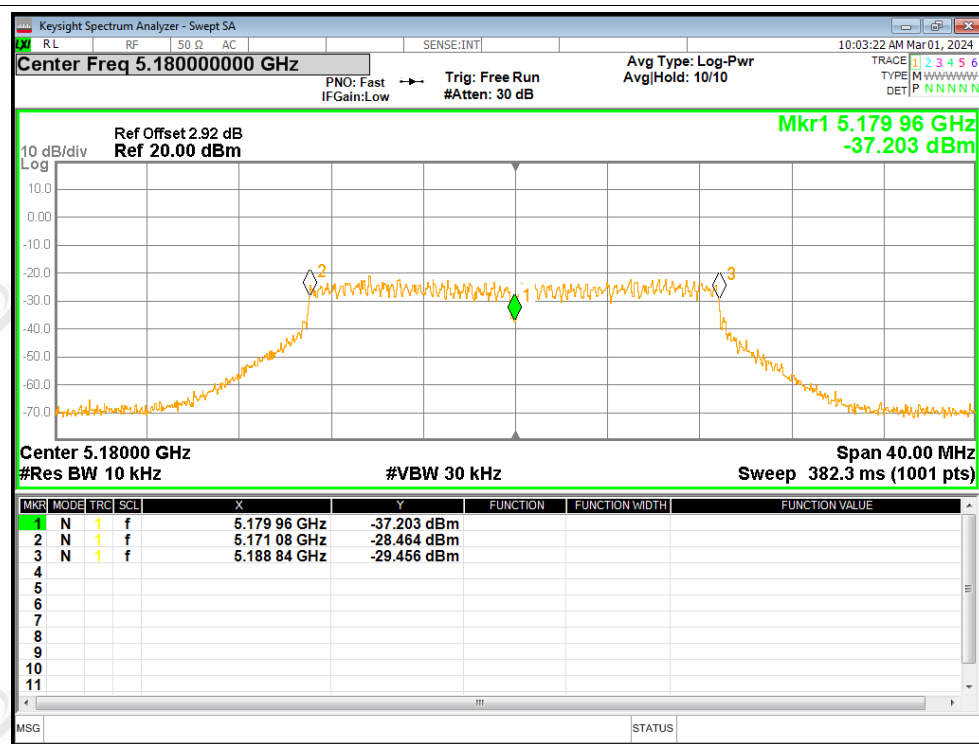




Freq. Stability NVNT n20 5240MHz Ant1

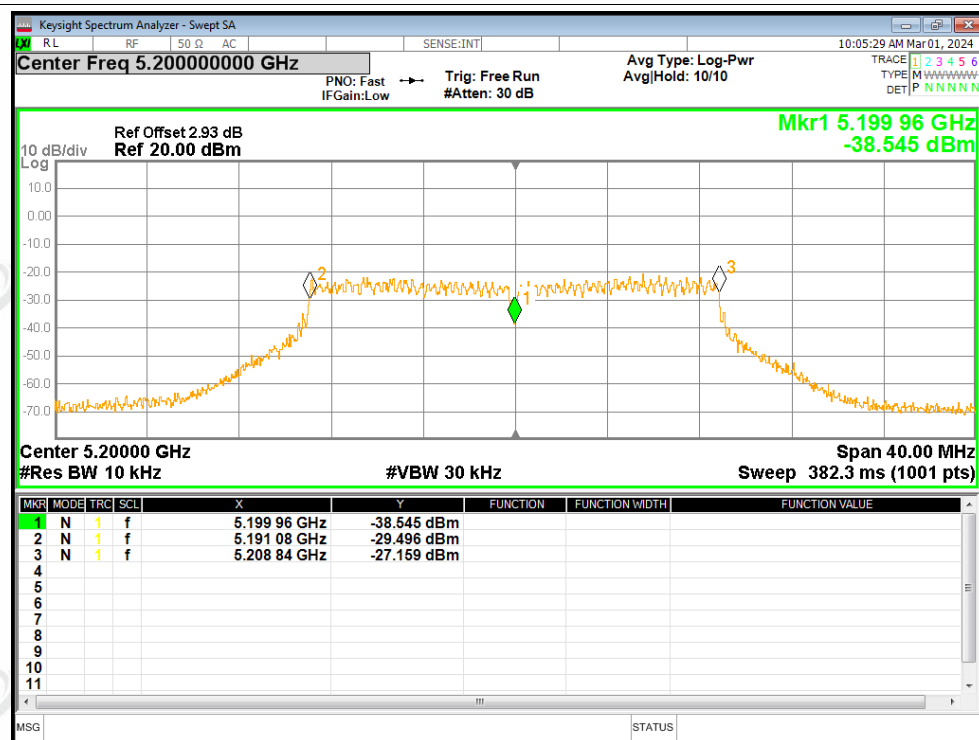


Freq. Stability NVNT n20 5180MHz Ant2

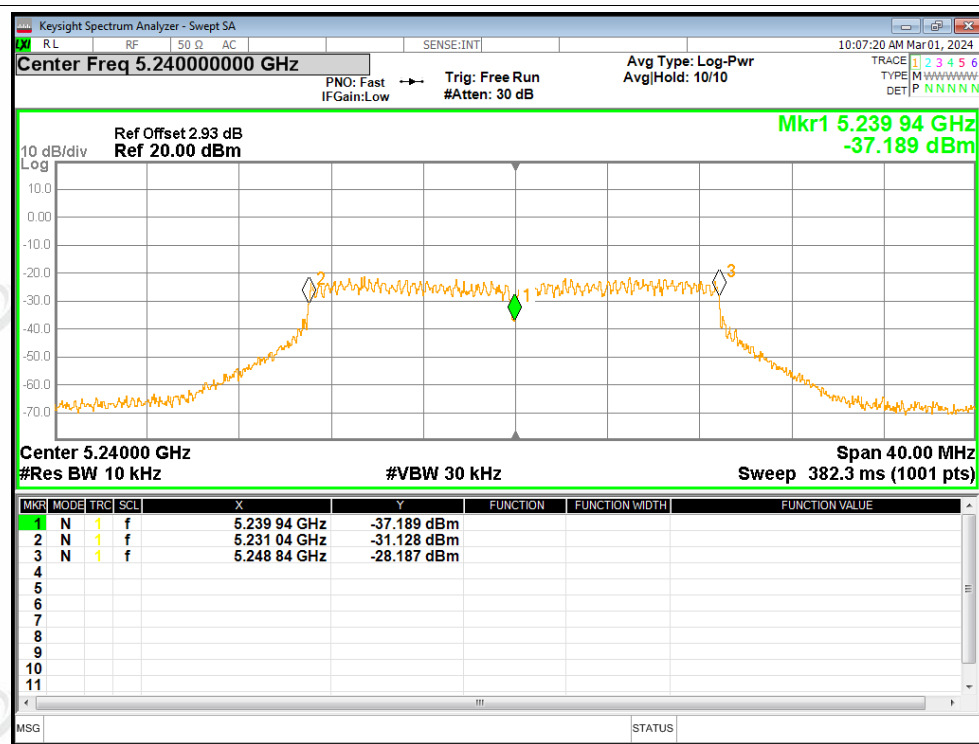




Freq. Stability NVNT n20 5200MHz Ant2

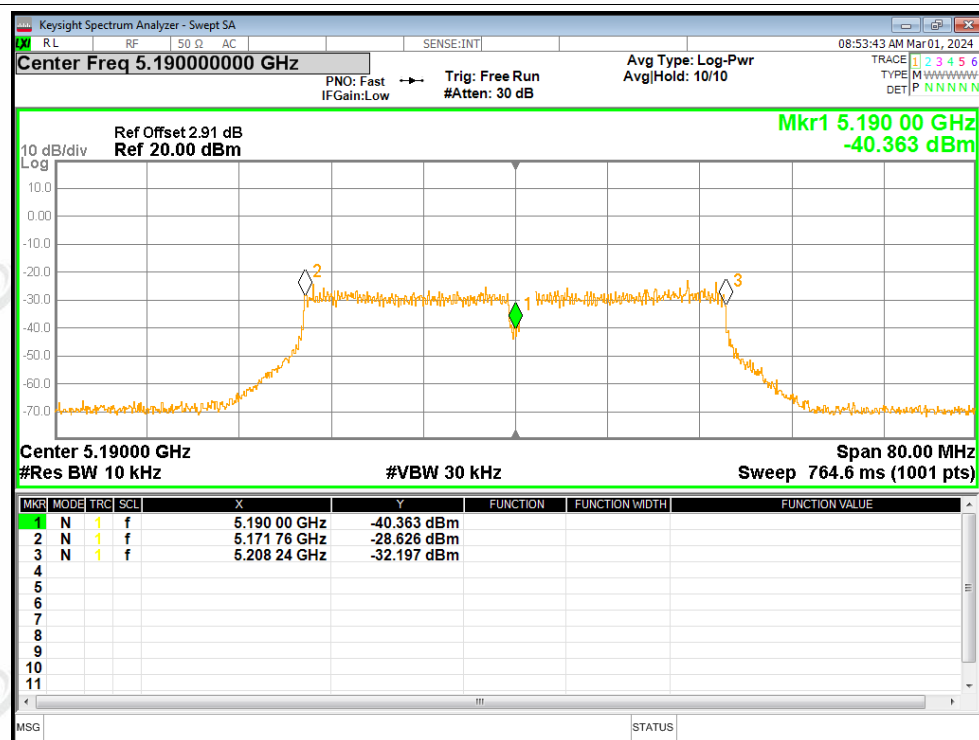


Freq. Stability NVNT n20 5240MHz Ant2

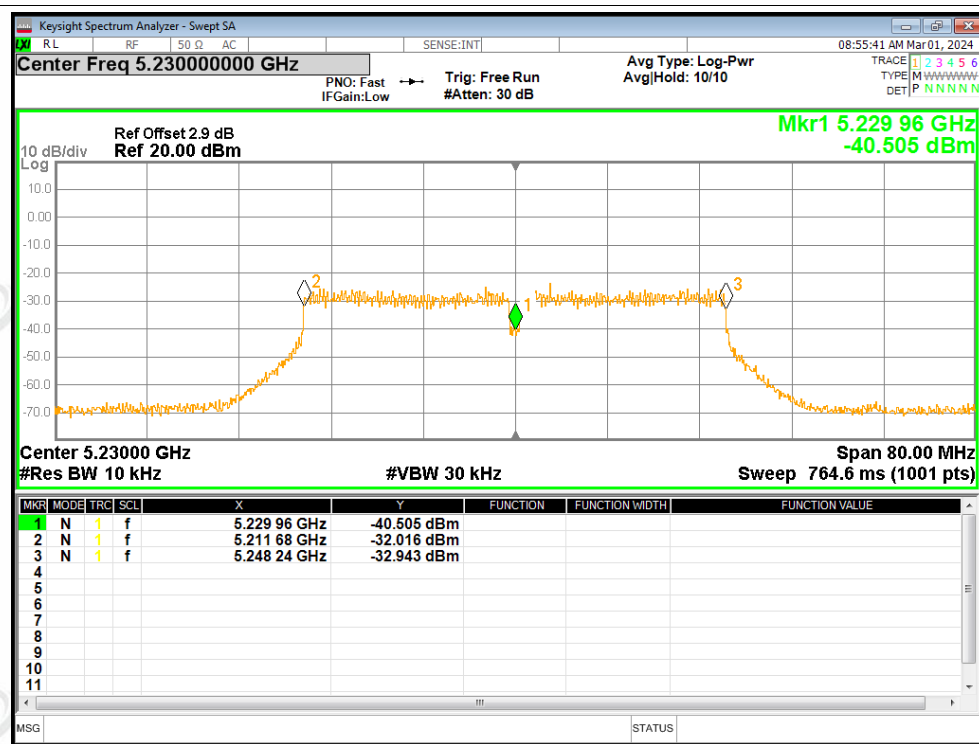




Freq. Stability NVNT n40 5190MHz Ant1

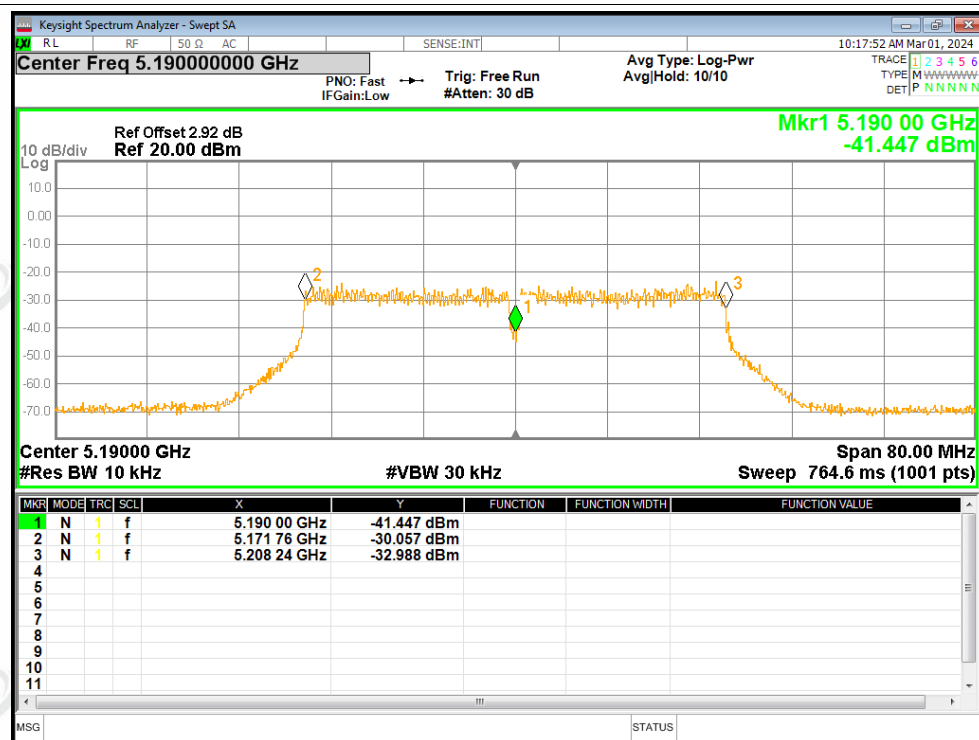


Freq. Stability NVNT n40 5230MHz Ant1

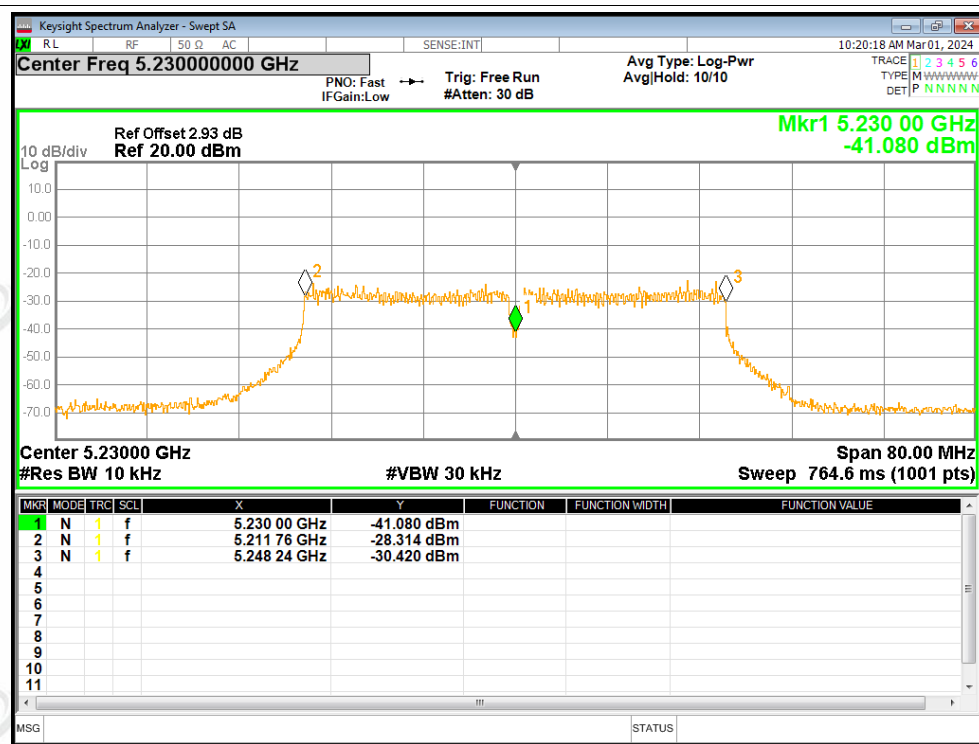




Freq. Stability NVNT n40 5190MHz Ant2

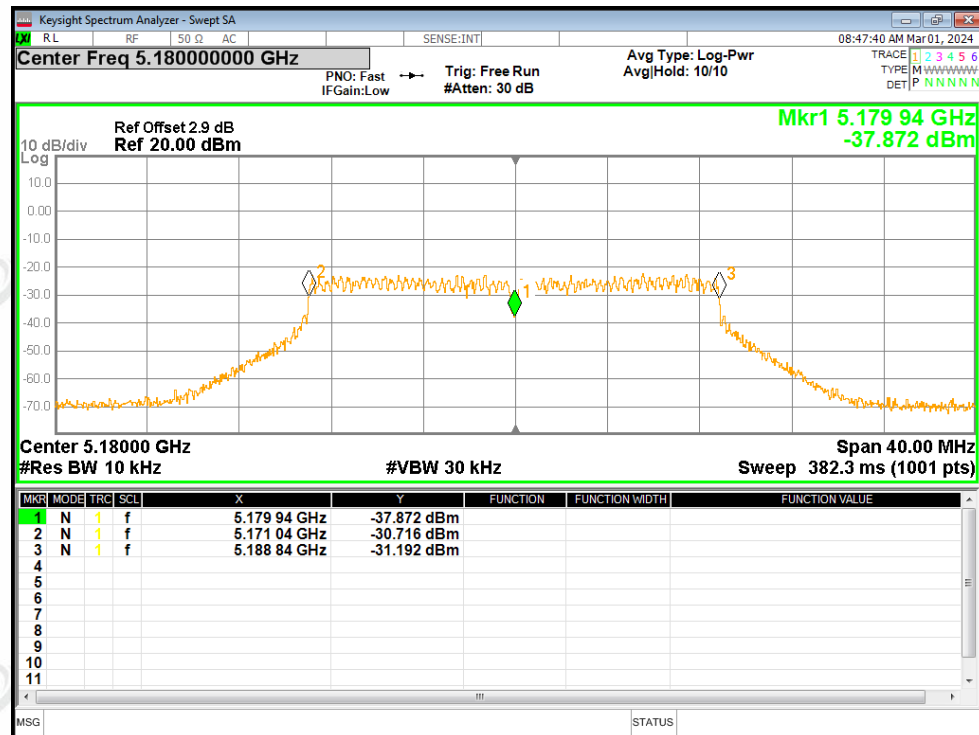


Freq. Stability NVNT n40 5230MHz Ant2

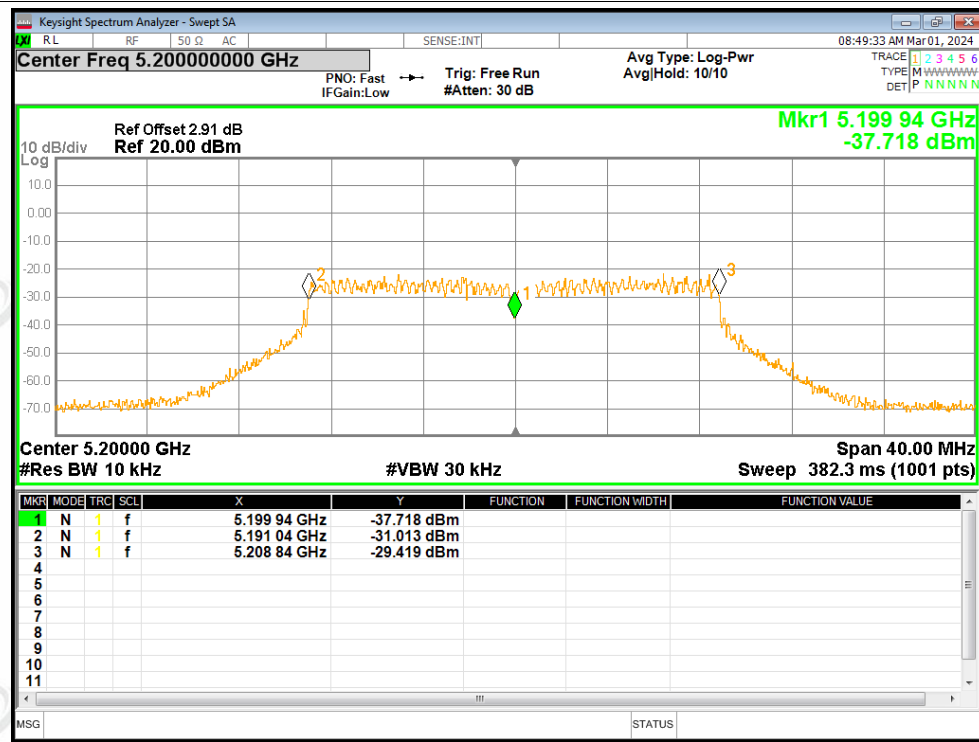




Freq. Stability NVNT ac20 5180MHz Ant1

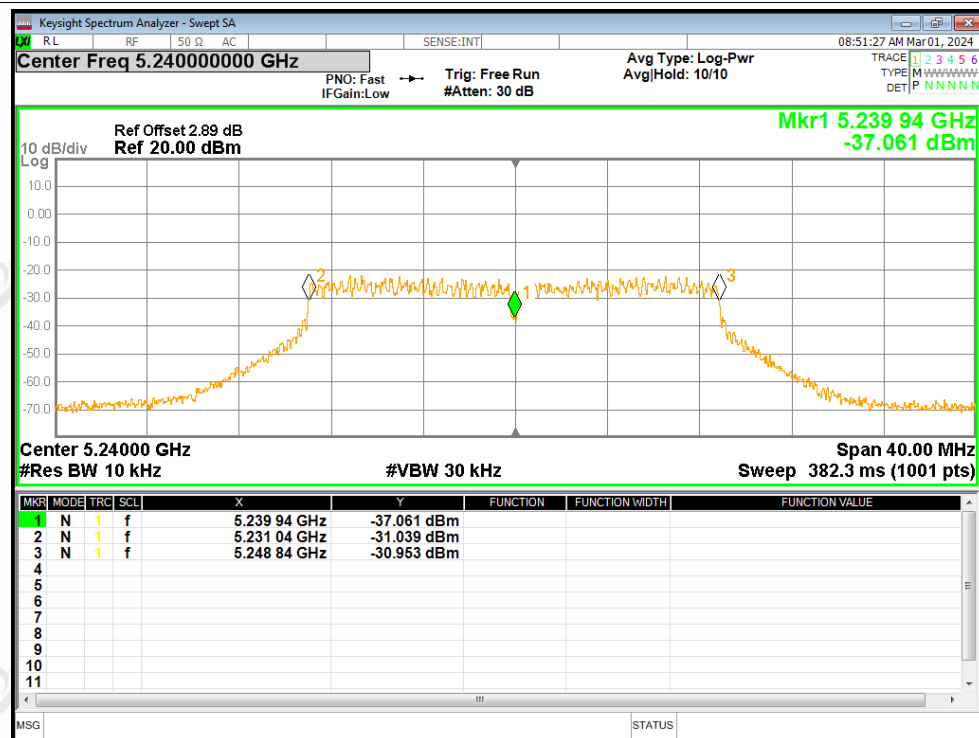


Freq. Stability NVNT ac20 5200MHz Ant1

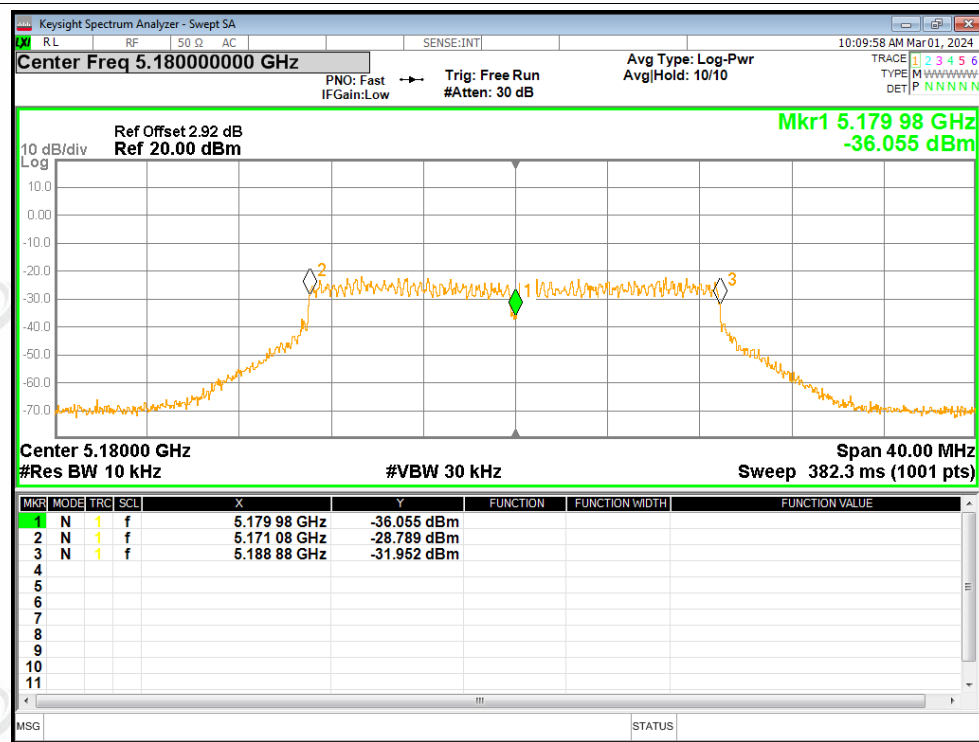




Freq. Stability NVNT ac20 5240MHz Ant1

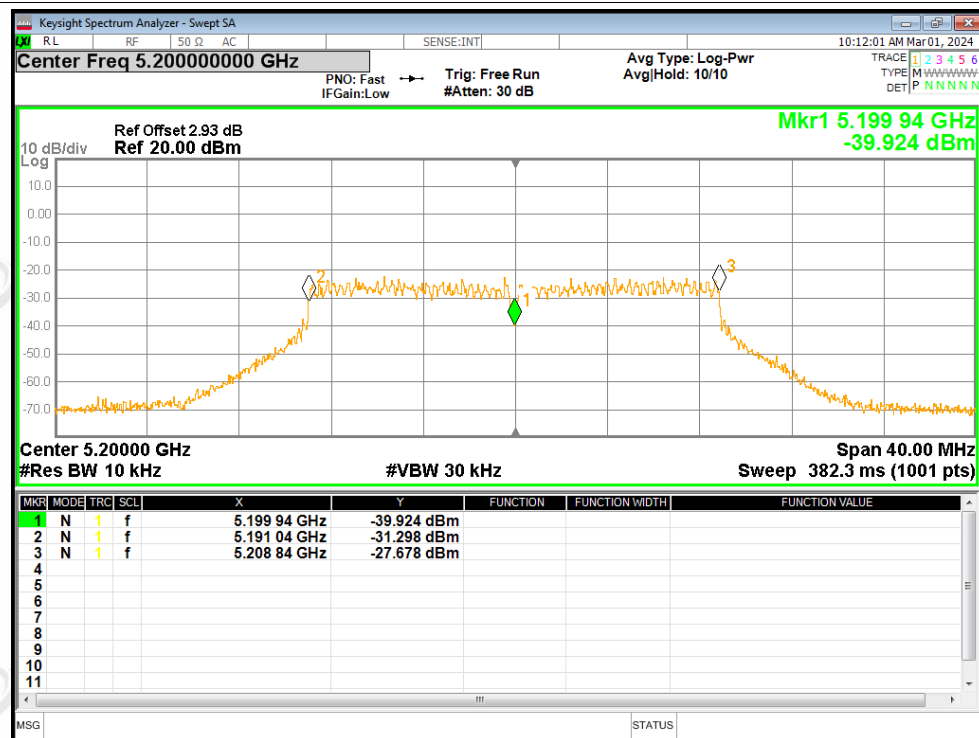


Freq. Stability NVNT ac20 5180MHz Ant2

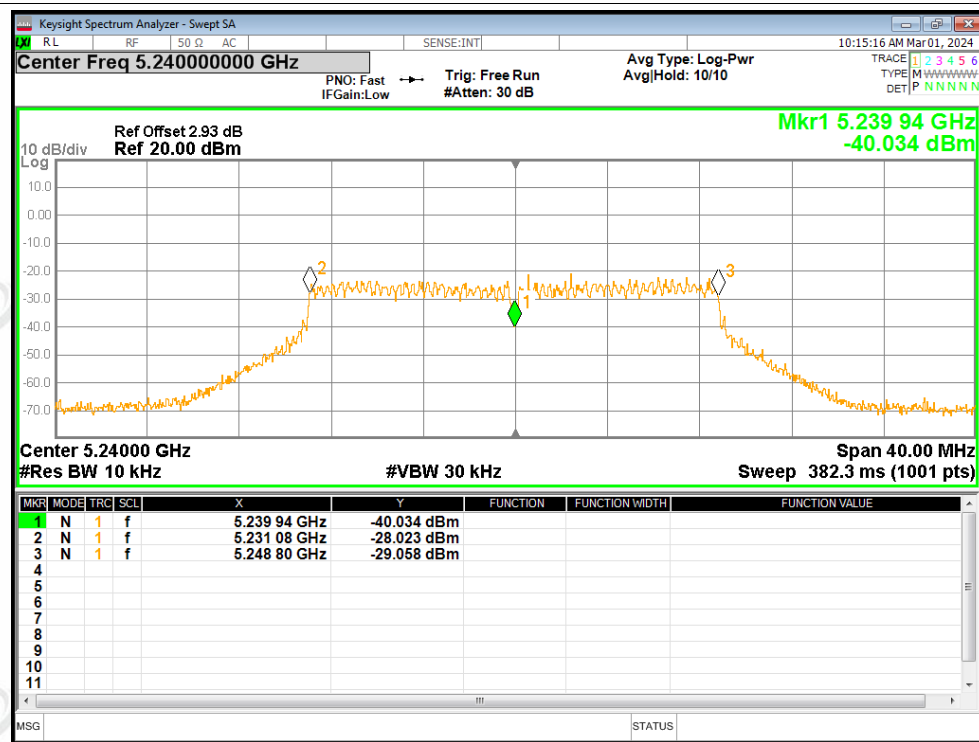




Freq. Stability NVNT ac20 5200MHz Ant2

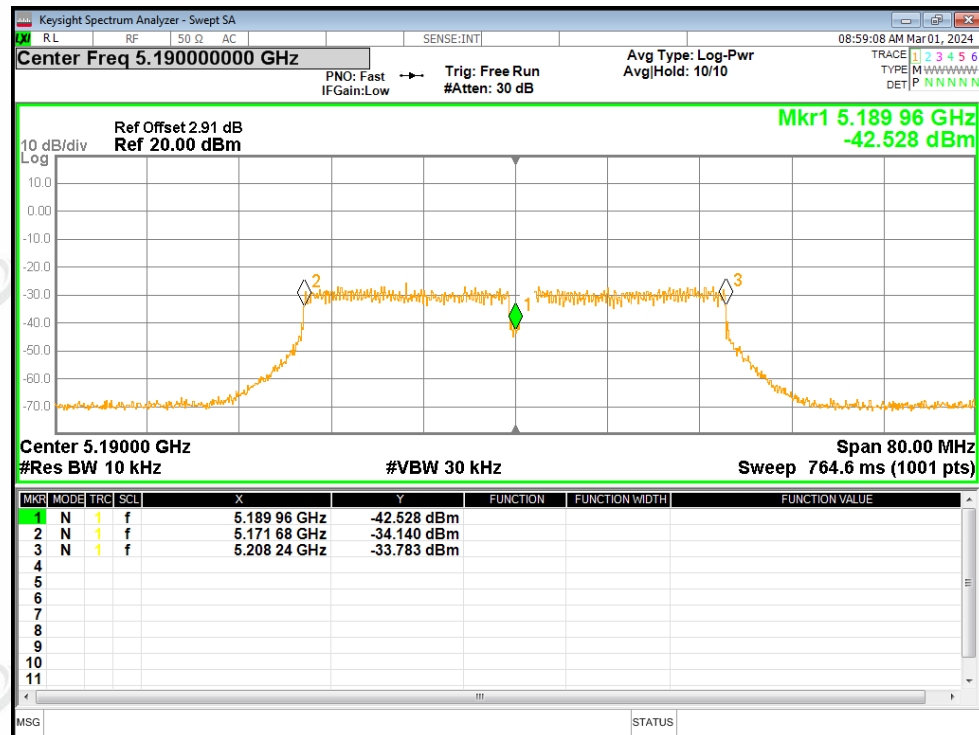


Freq. Stability NVNT ac20 5240MHz Ant2

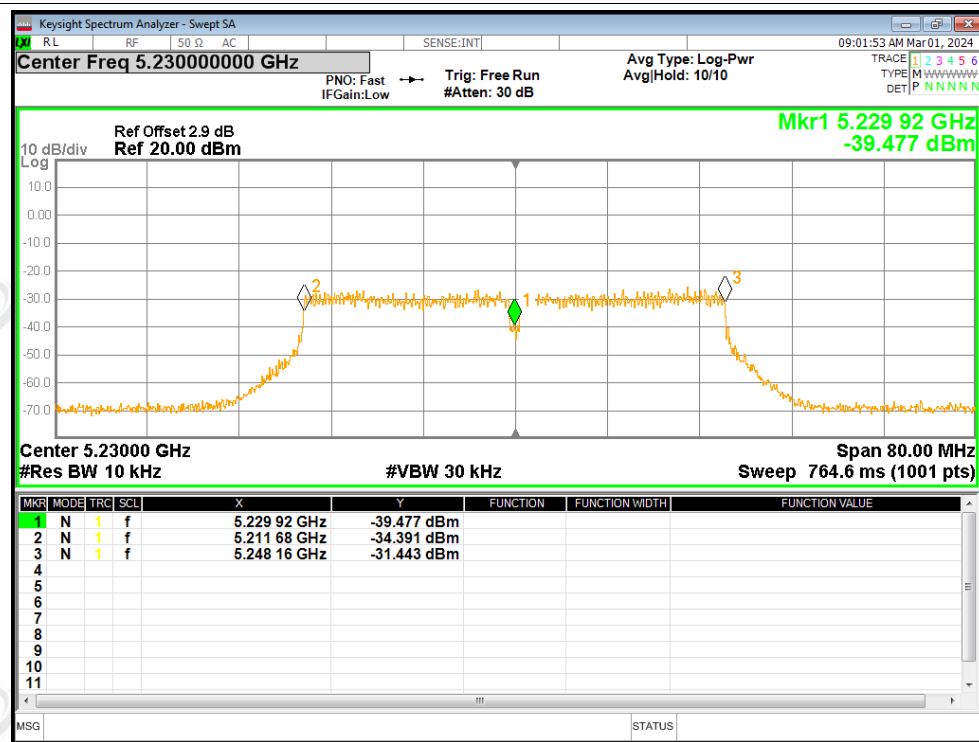




Freq. Stability NVNT ac40 5190MHz Ant1

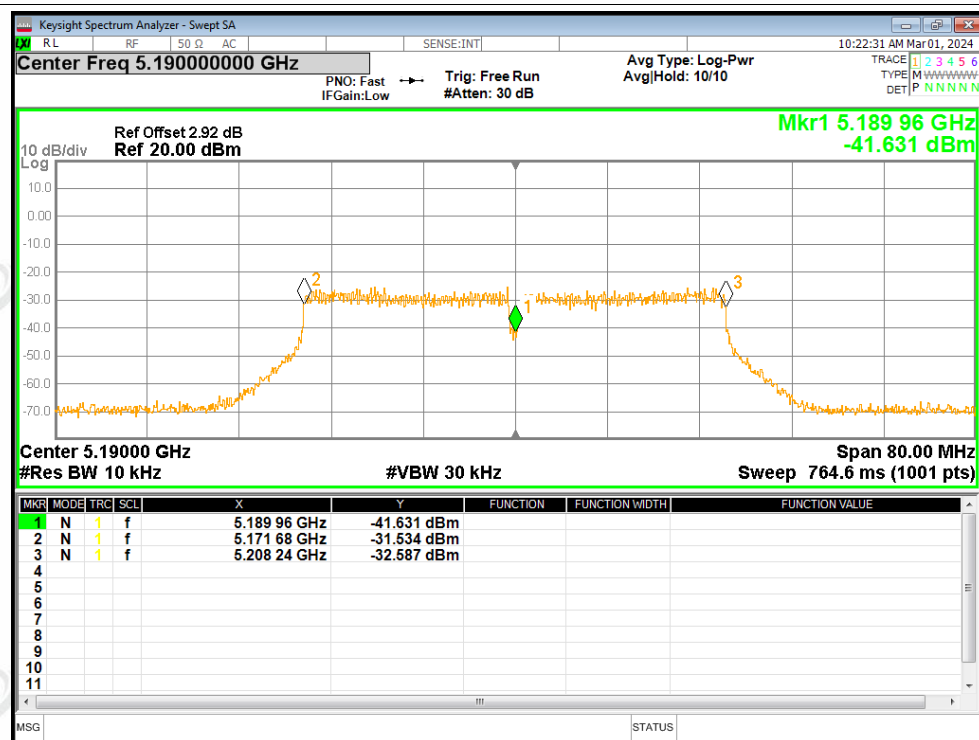


Freq. Stability NVNT ac40 5230MHz Ant1

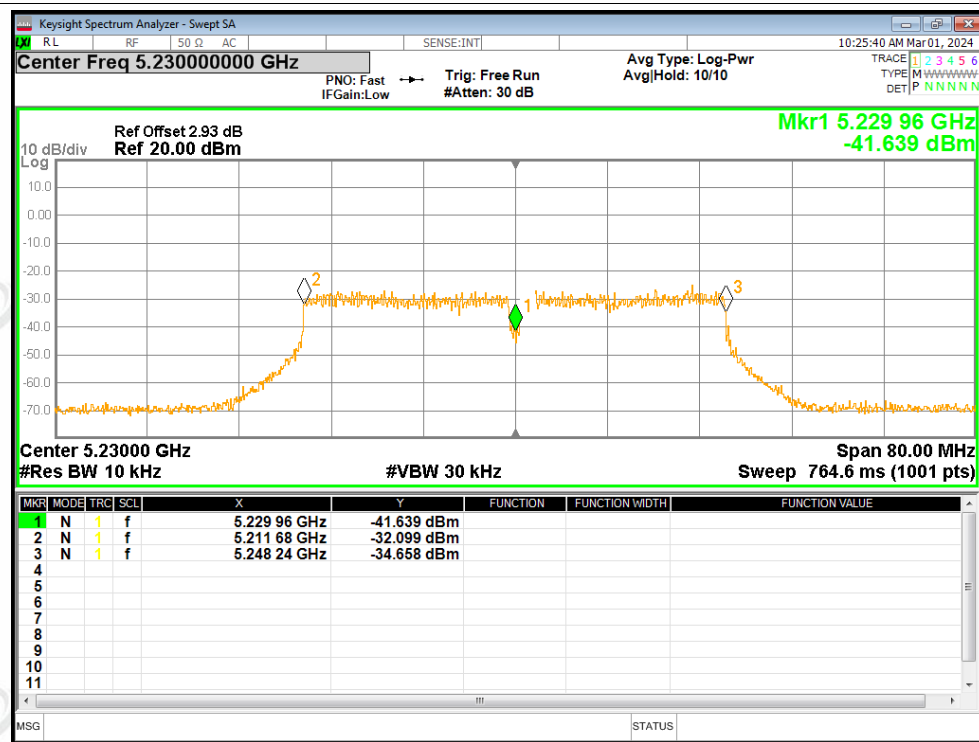




Freq. Stability NVNT ac40 5190MHz Ant2

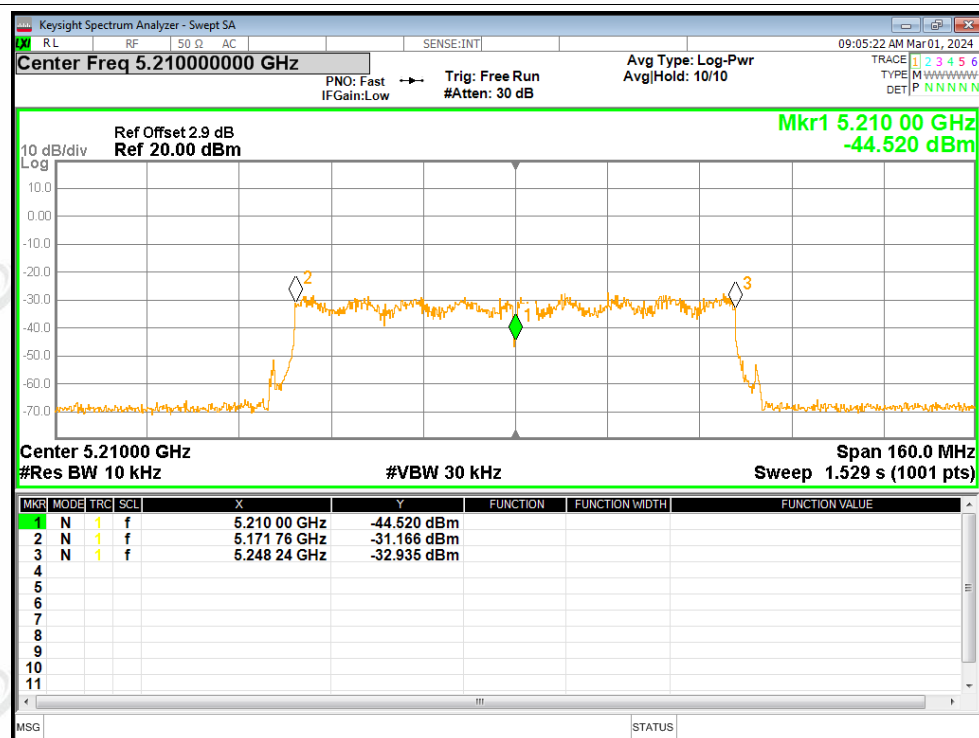


Freq. Stability NVNT ac40 5230MHz Ant2

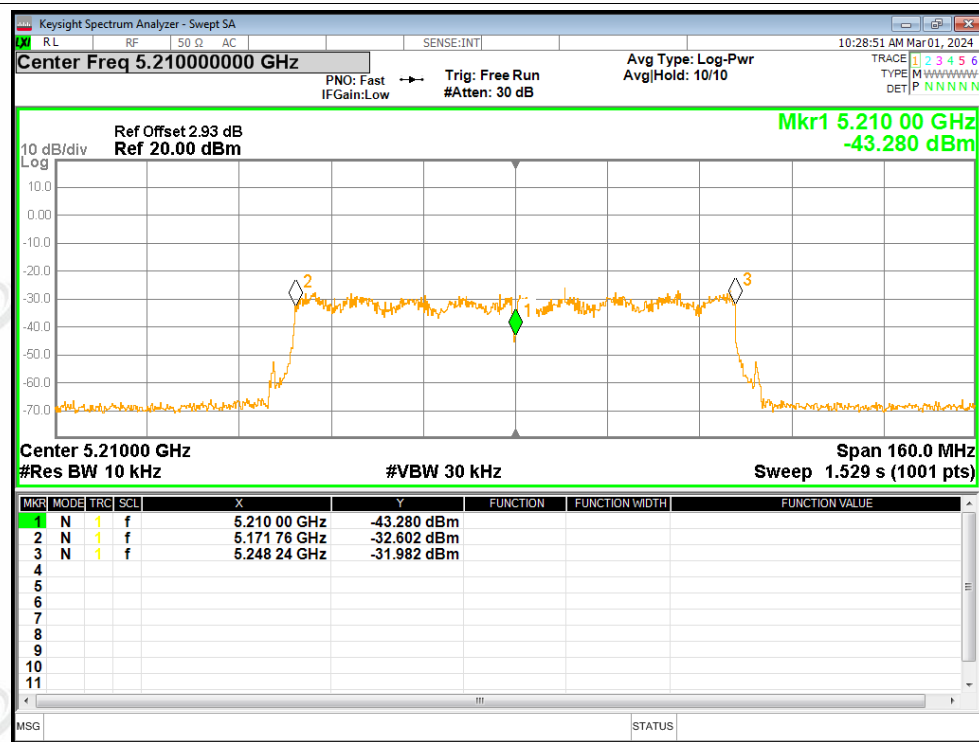




Freq. Stability NVNT ac80 5210MHz Ant1



Freq. Stability NVNT ac80 5210MHz Ant2



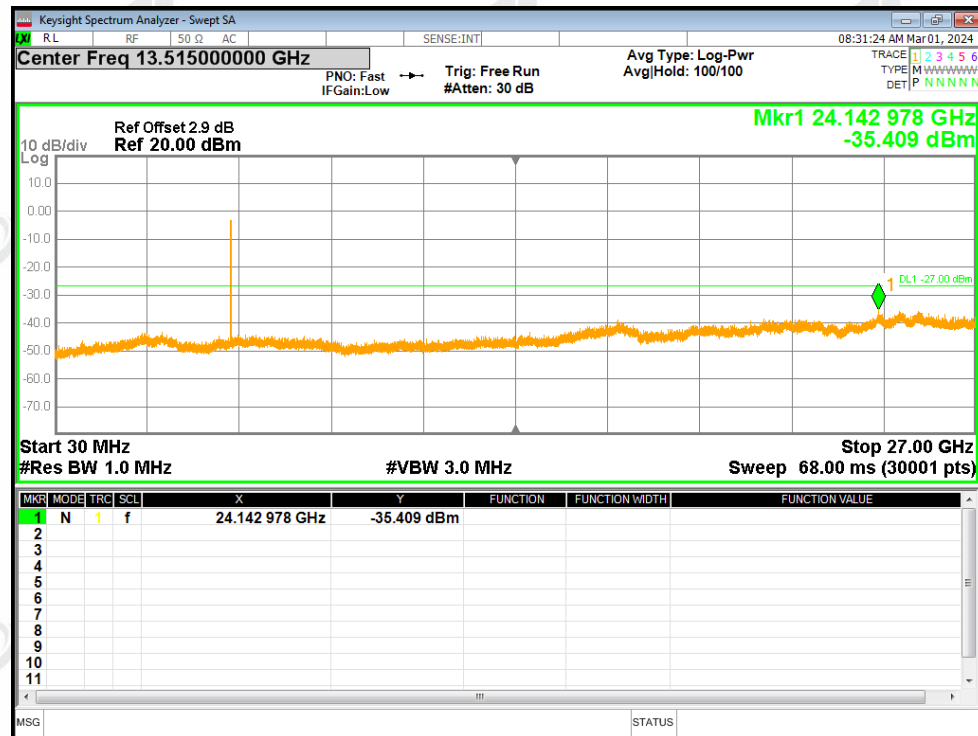
**B8. Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-35.4	-27	Pass
NVNT	a	5200	Ant1	-35.85	-27	Pass
NVNT	a	5240	Ant1	-35.56	-27	Pass
NVNT	a	5180	Ant2	-36.41	-27	Pass
NVNT	a	5200	Ant2	-34.77	-27	Pass
NVNT	a	5240	Ant2	-34.4	-27	Pass
NVNT	n20	5180	Ant1	-35.9	-27	Pass
NVNT	n20	5200	Ant1	-35.52	-27	Pass
NVNT	n20	5240	Ant1	-35.73	-27	Pass
NVNT	n20	5180	Ant2	-35.63	-27	Pass
NVNT	n20	5200	Ant2	-35.71	-27	Pass
NVNT	n20	5240	Ant2	-35.96	-27	Pass
NVNT	n40	5190	Ant1	-36	-27	Pass
NVNT	n40	5230	Ant1	-36.11	-27	Pass
NVNT	n40	5190	Ant2	-35.98	-27	Pass
NVNT	n40	5230	Ant2	-35.77	-27	Pass
NVNT	ac20	5180	Ant1	-36	-27	Pass
NVNT	ac20	5200	Ant1	-36	-27	Pass
NVNT	ac20	5240	Ant1	-35.84	-27	Pass
NVNT	ac20	5180	Ant2	-35.2	-27	Pass
NVNT	ac20	5200	Ant2	-36	-27	Pass
NVNT	ac20	5240	Ant2	-35.37	-27	Pass
NVNT	ac40	5190	Ant1	-36.29	-27	Pass
NVNT	ac40	5230	Ant1	-36.08	-27	Pass
NVNT	ac40	5190	Ant2	-35.86	-27	Pass
NVNT	ac40	5230	Ant2	-35.49	-27	Pass
NVNT	ac80	5210	Ant1	-36.08	-27	Pass
NVNT	ac80	5210	Ant2	-35.91	-27	Pass

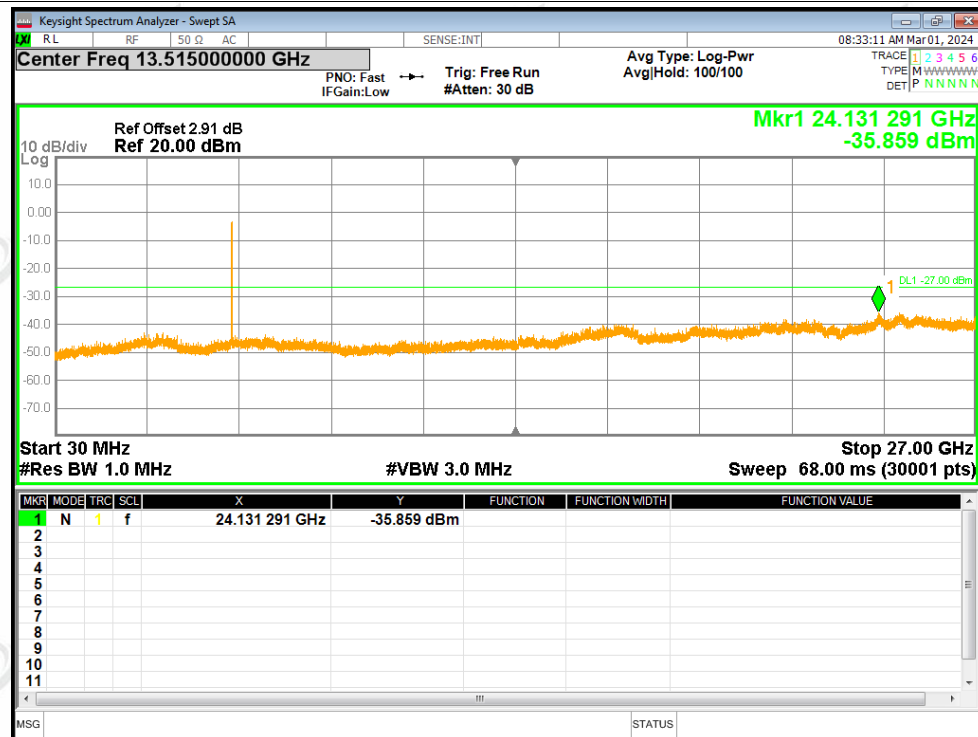


Test Graphs

Tx. Spurious NVNT a 5180MHz Ant1 Emission

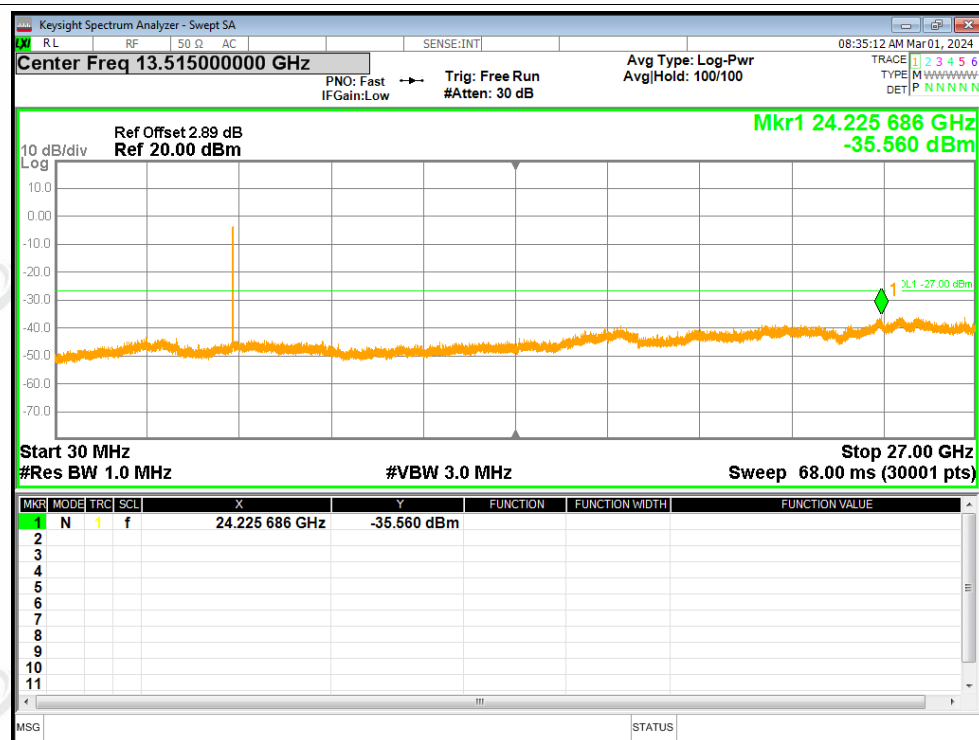


Tx. Spurious NVNT a 5200MHz Ant1 Emission

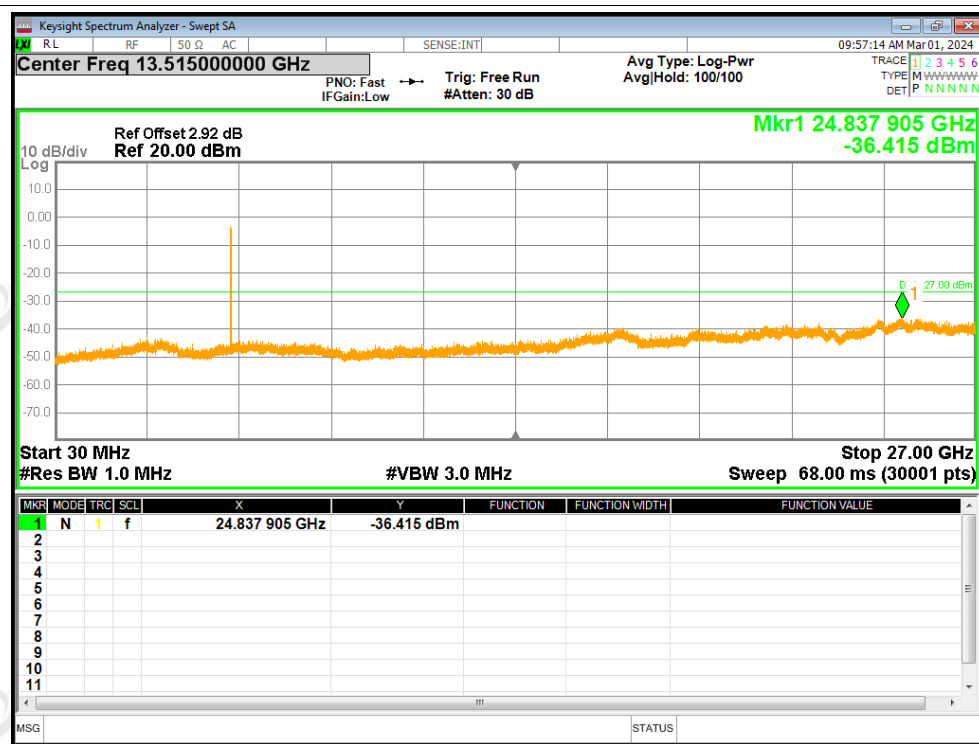




Tx. Spurious NVNT a 5240MHz Ant1 Emission

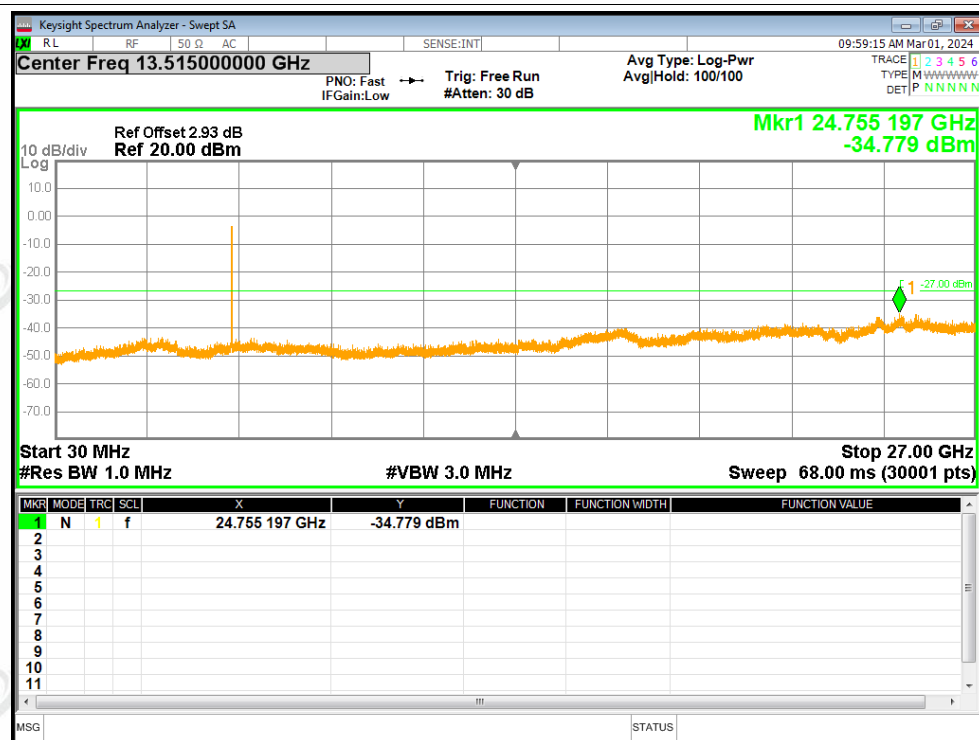


Tx. Spurious NVNT a 5180MHz Ant2 Emission

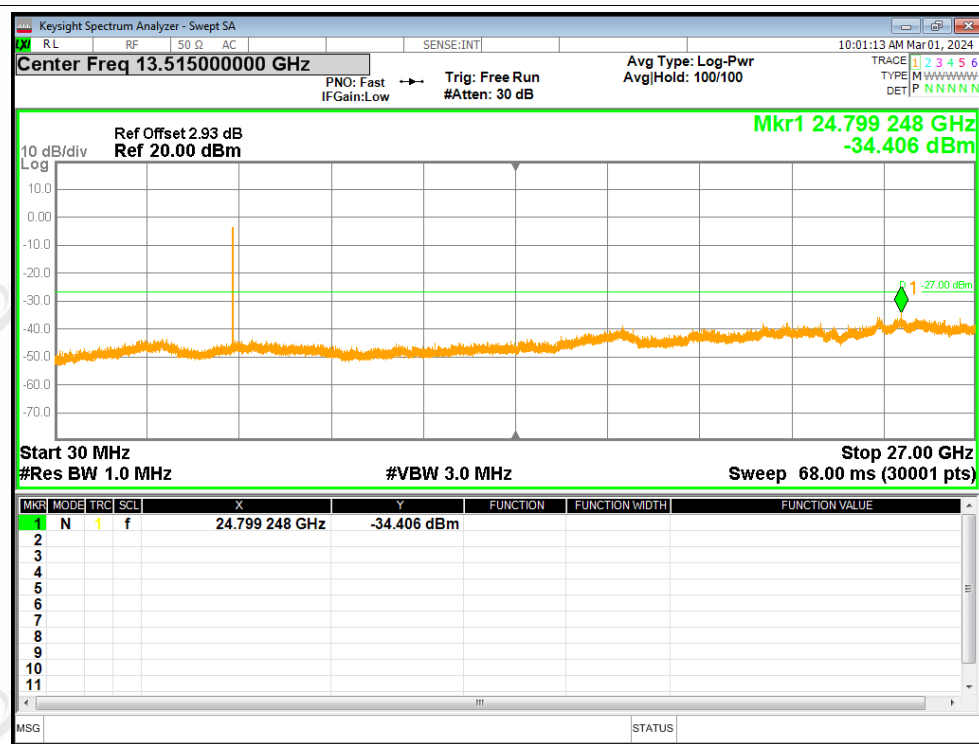




Tx. Spurious NVNT a 5200MHz Ant2 Emission

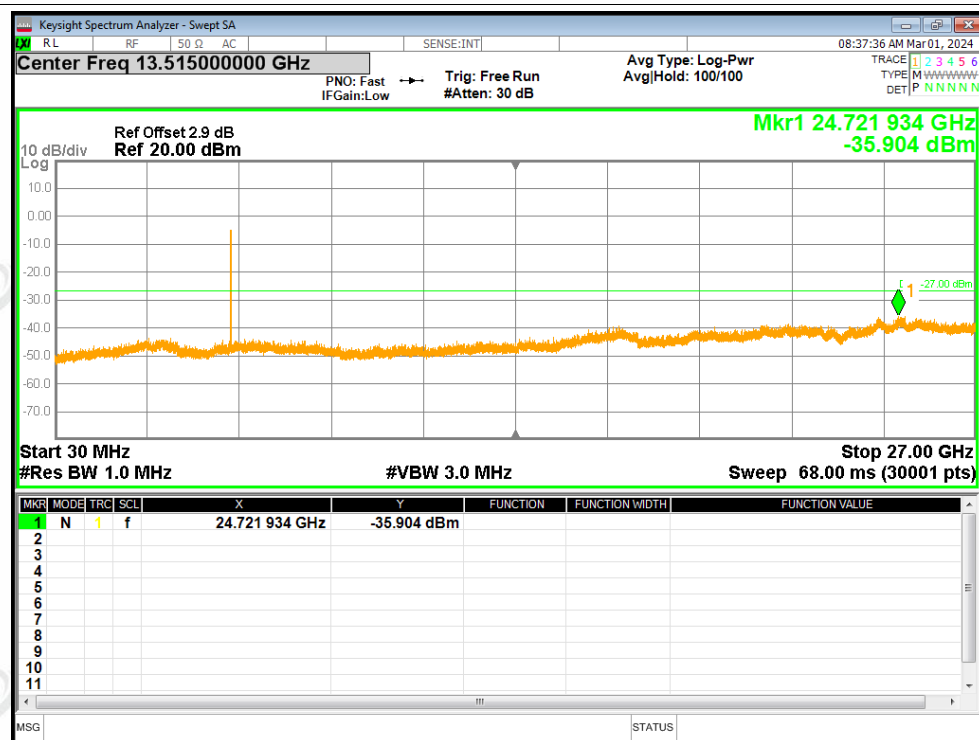


Tx. Spurious NVNT a 5240MHz Ant2 Emission

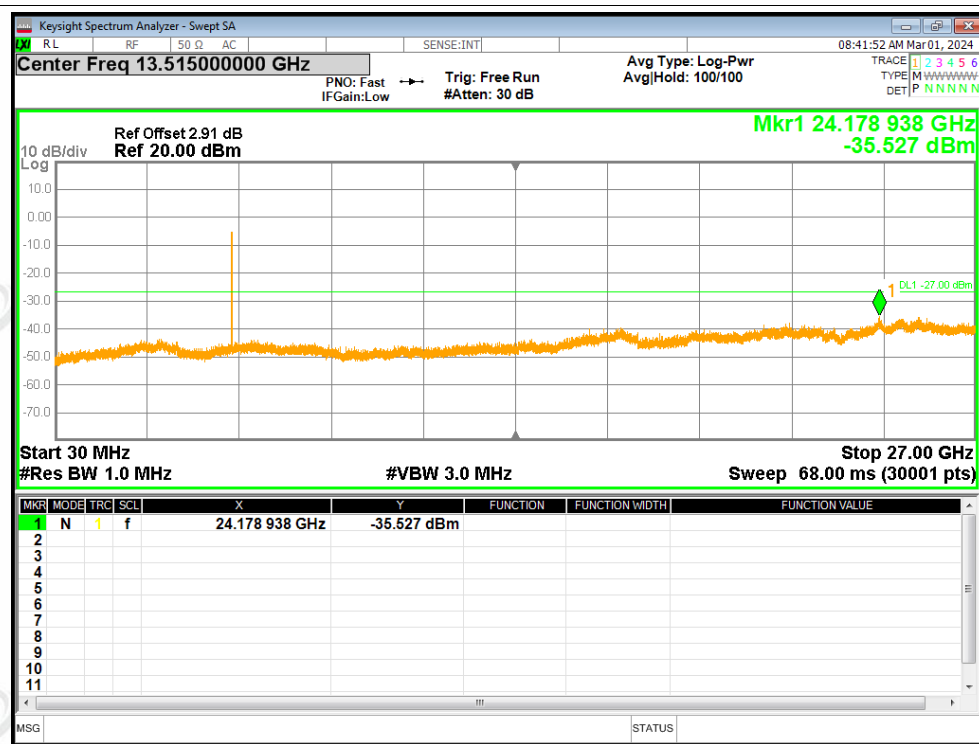




Tx. Spurious NVNT n20 5180MHz Ant1 Emission

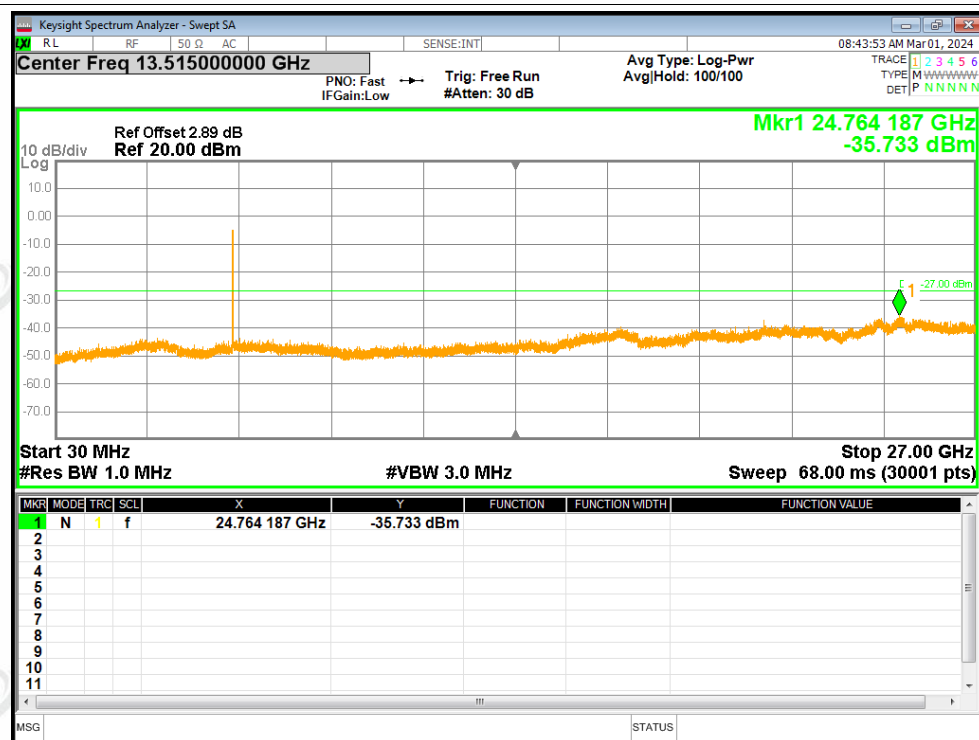


Tx. Spurious NVNT n20 5200MHz Ant1 Emission

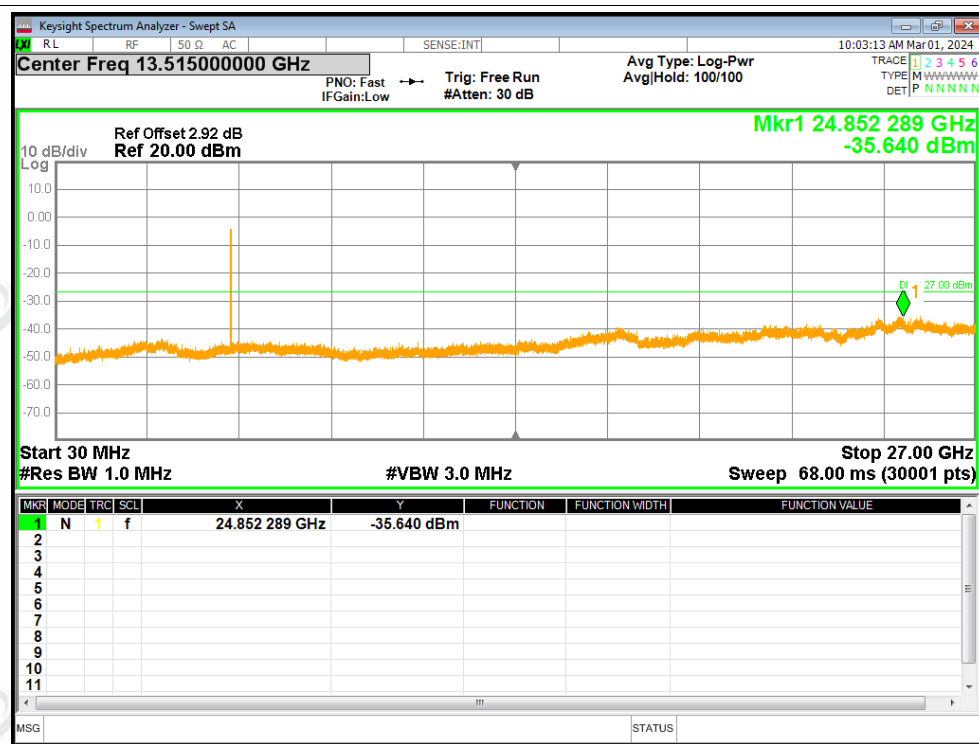




Tx. Spurious NVNT n20 5240MHz Ant1 Emission

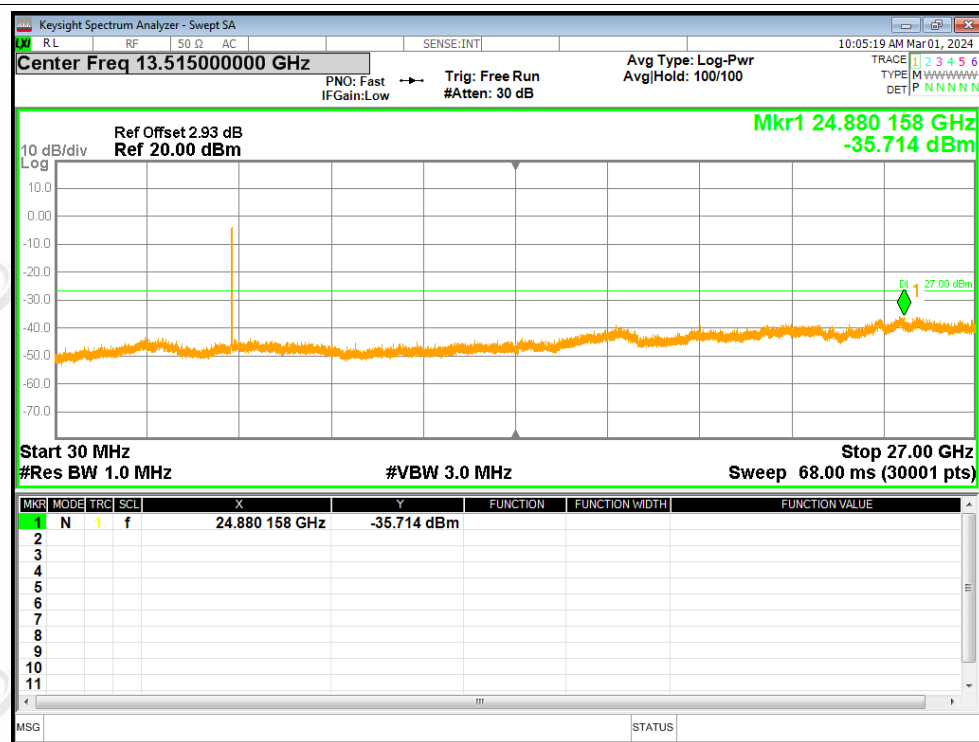


Tx. Spurious NVNT n20 5180MHz Ant2 Emission

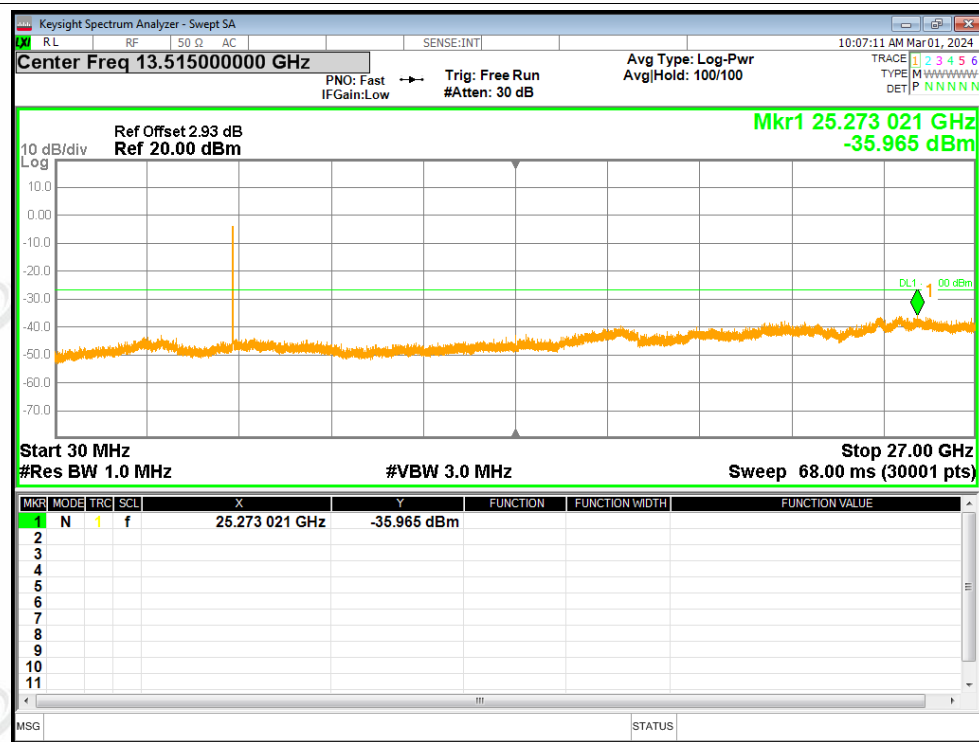




Tx. Spurious NVNT n20 5200MHz Ant2 Emission

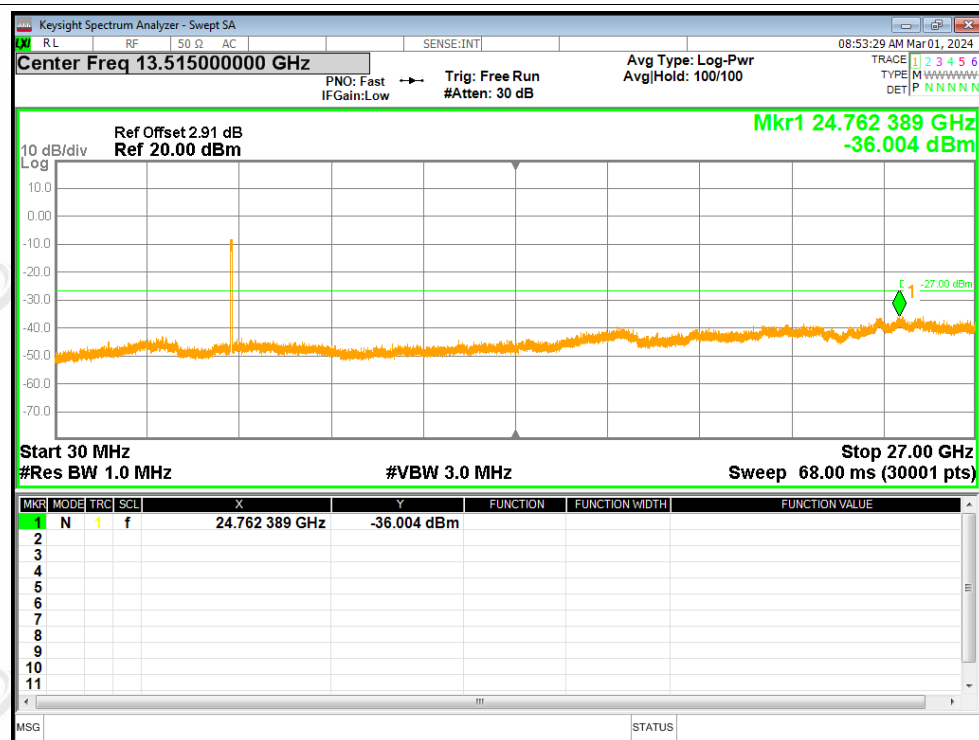


Tx. Spurious NVNT n20 5240MHz Ant2 Emission

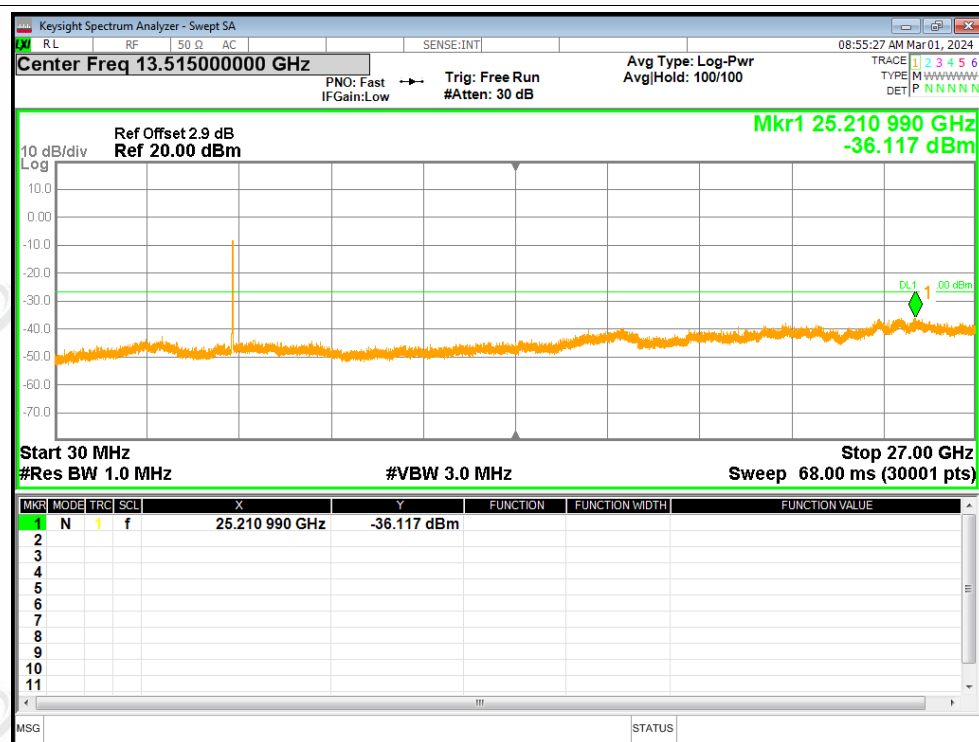




Tx. Spurious NVNT n40 5190MHz Ant1 Emission

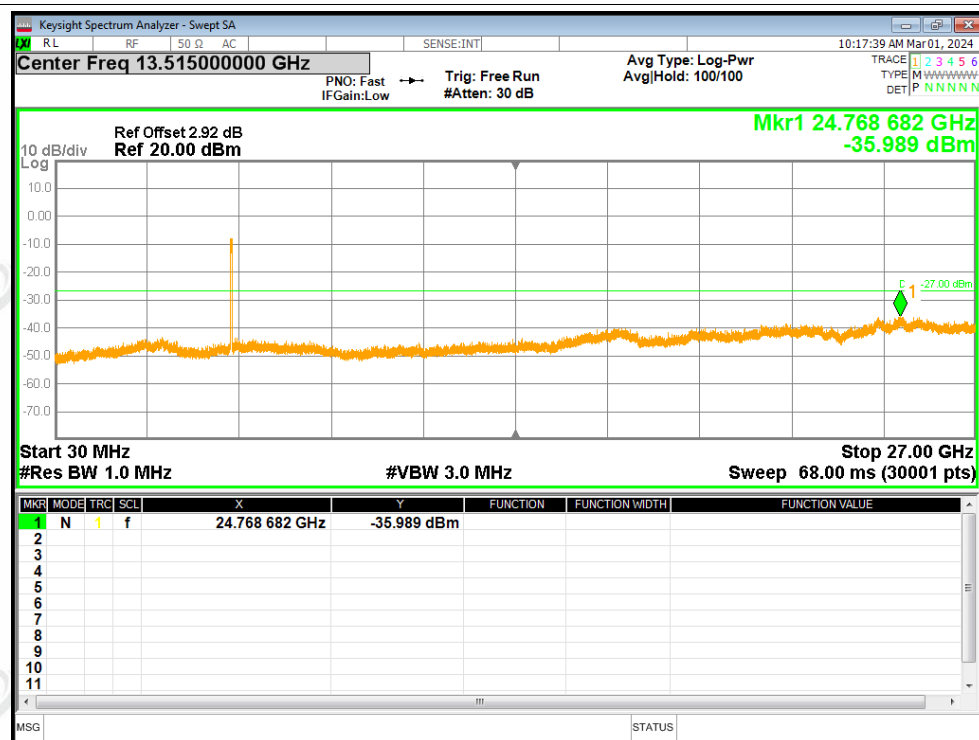


Tx. Spurious NVNT n40 5230MHz Ant1 Emission

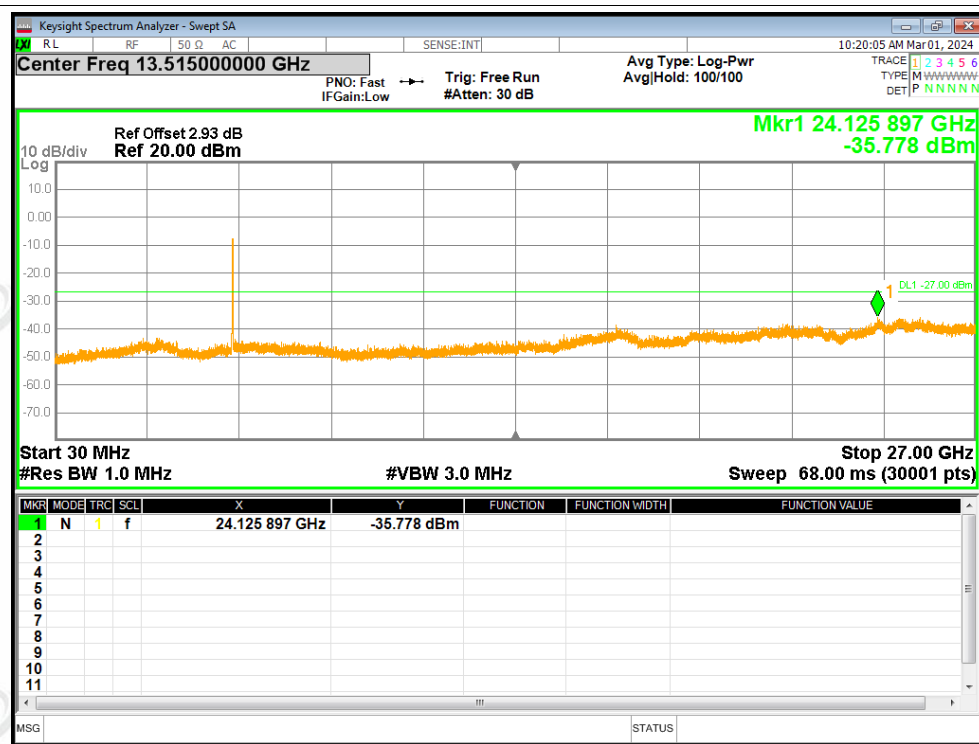




Tx. Spurious NVNT n40 5190MHz Ant2 Emission

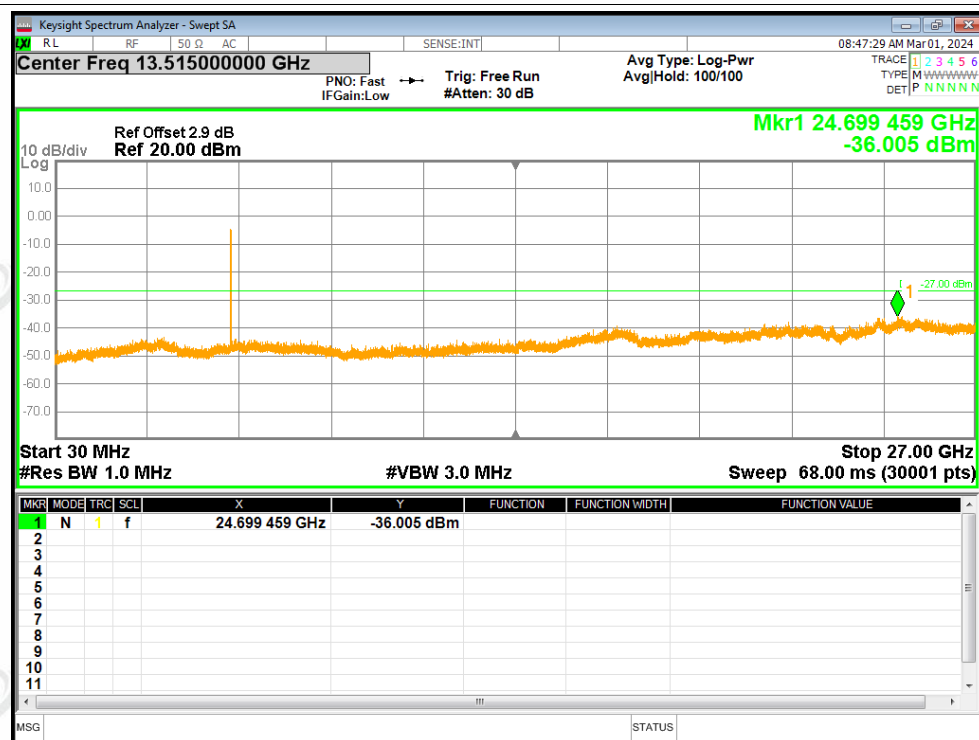


Tx. Spurious NVNT n40 5230MHz Ant2 Emission

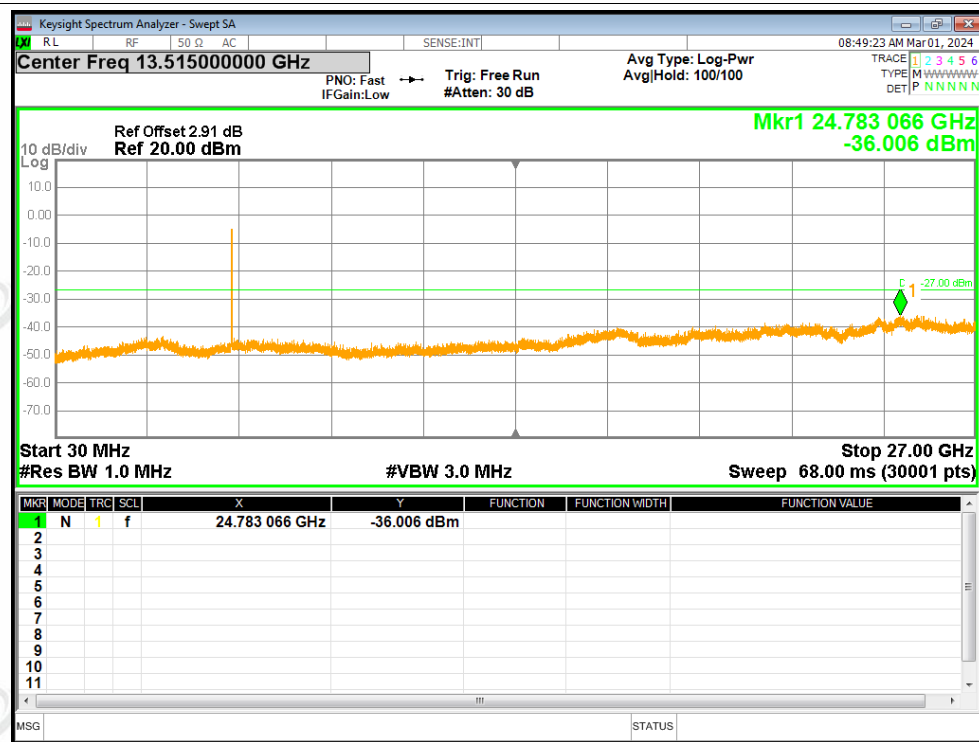




Tx. Spurious NVNT ac20 5180MHz Ant1 Emission

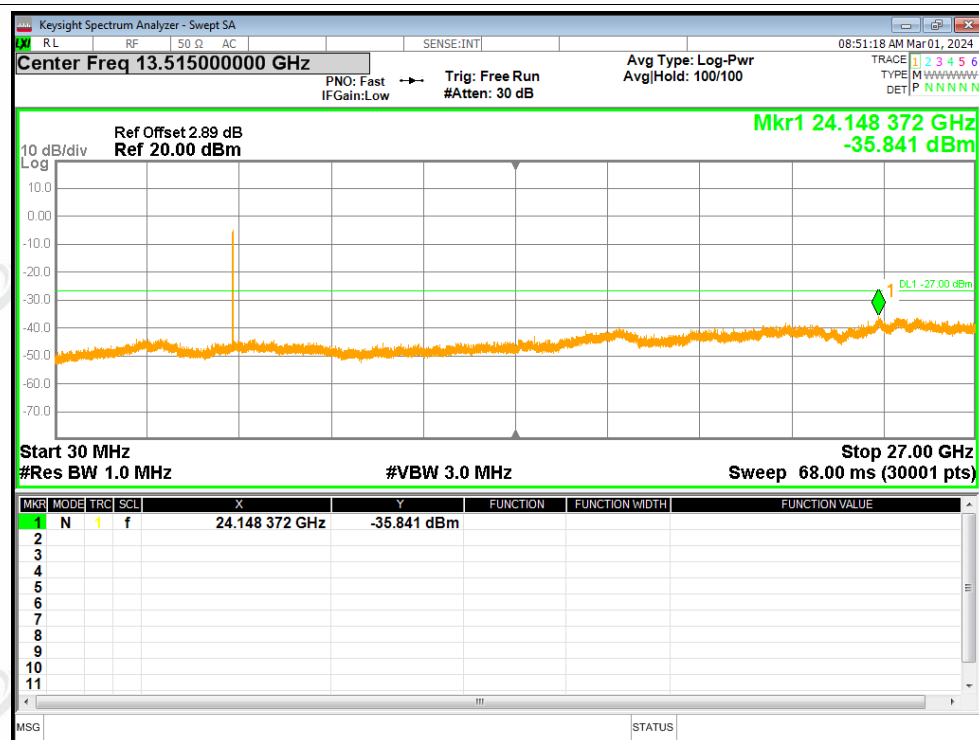


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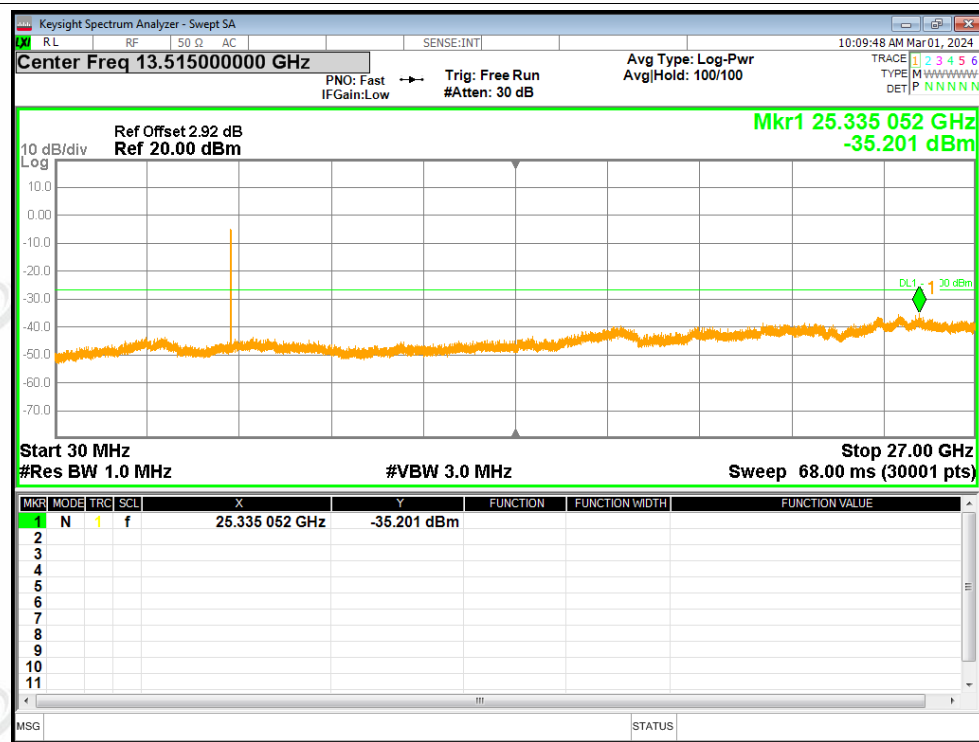




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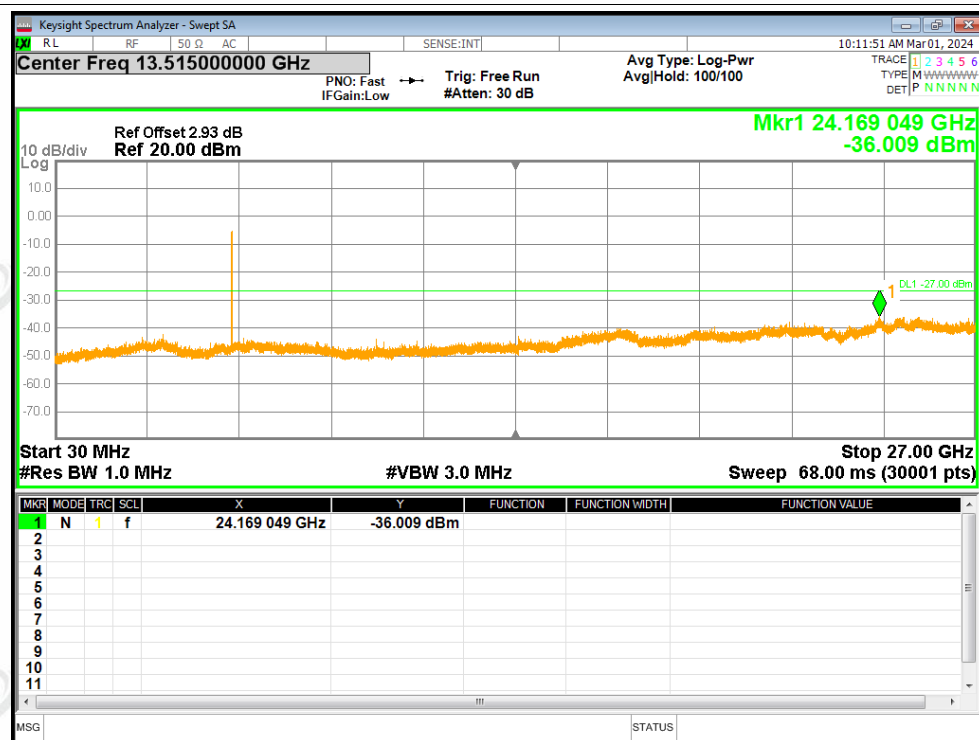


Tx. Spurious NVNT ac20 5180MHz Ant2 Emission

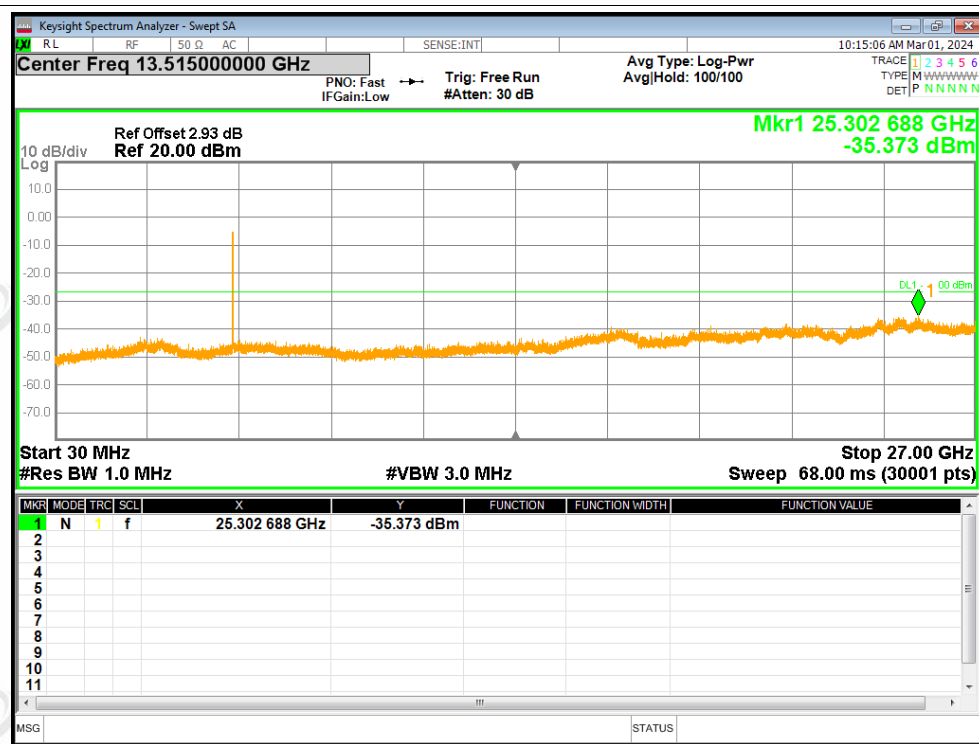




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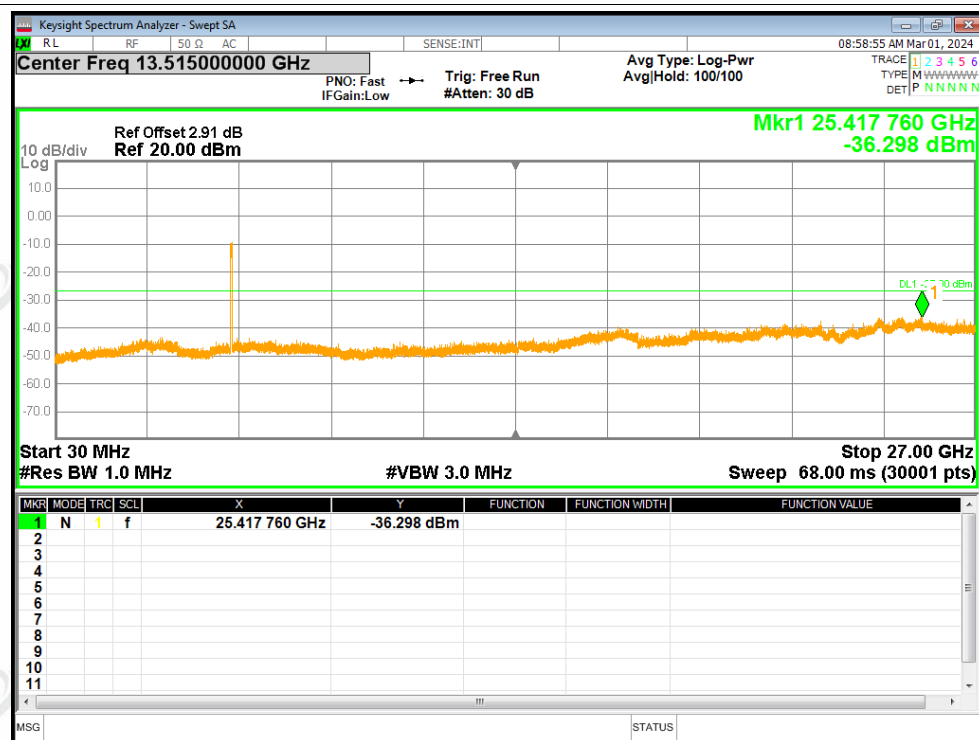


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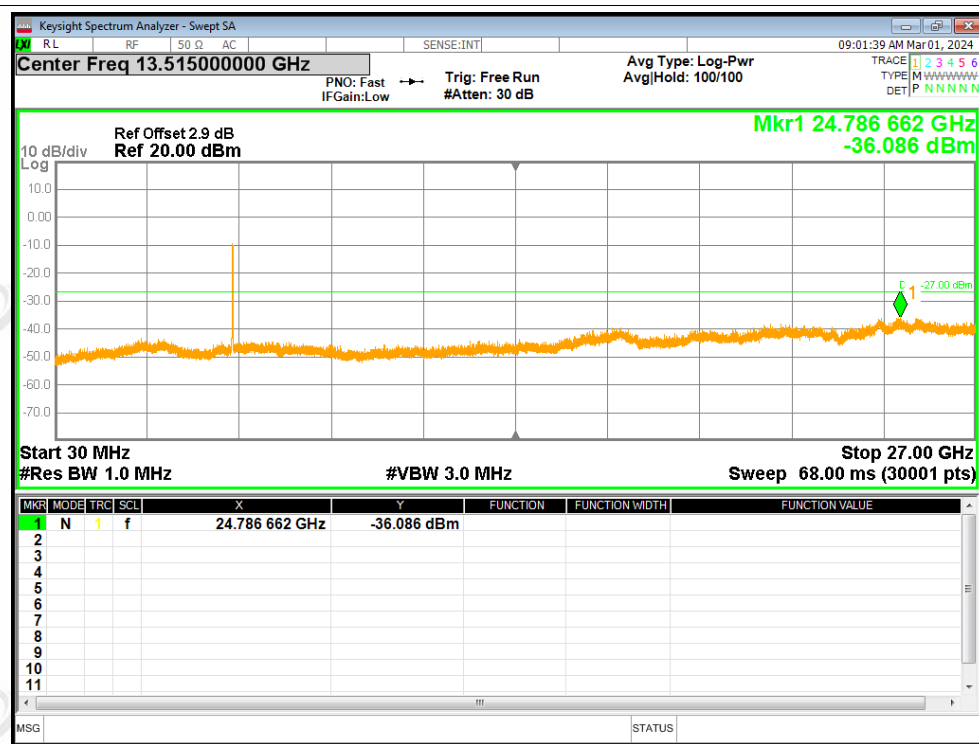




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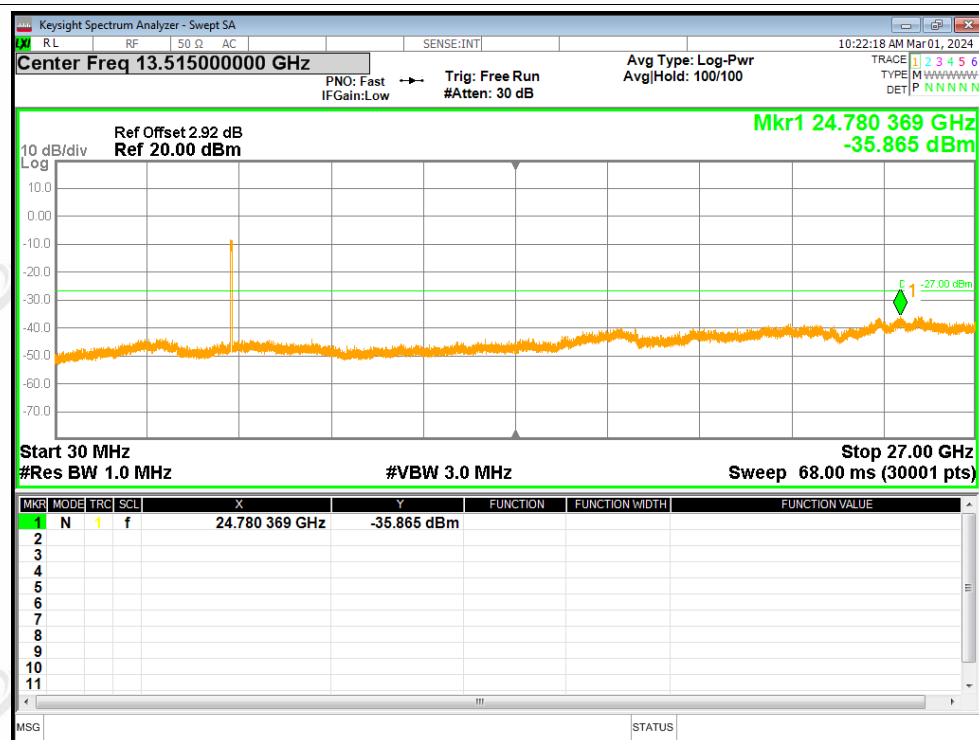


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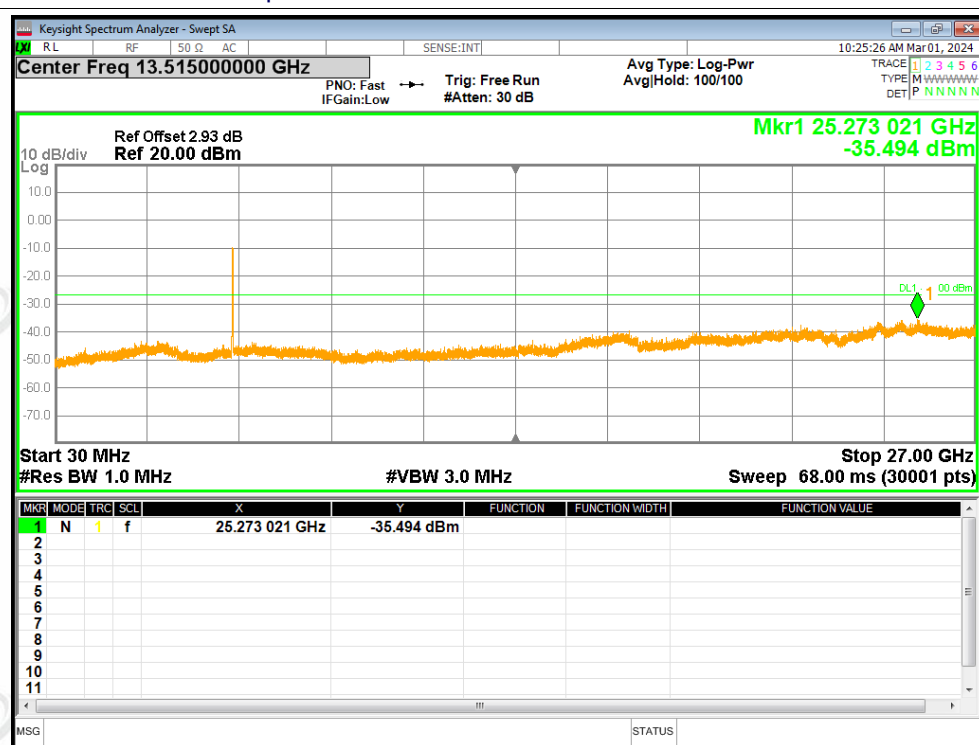




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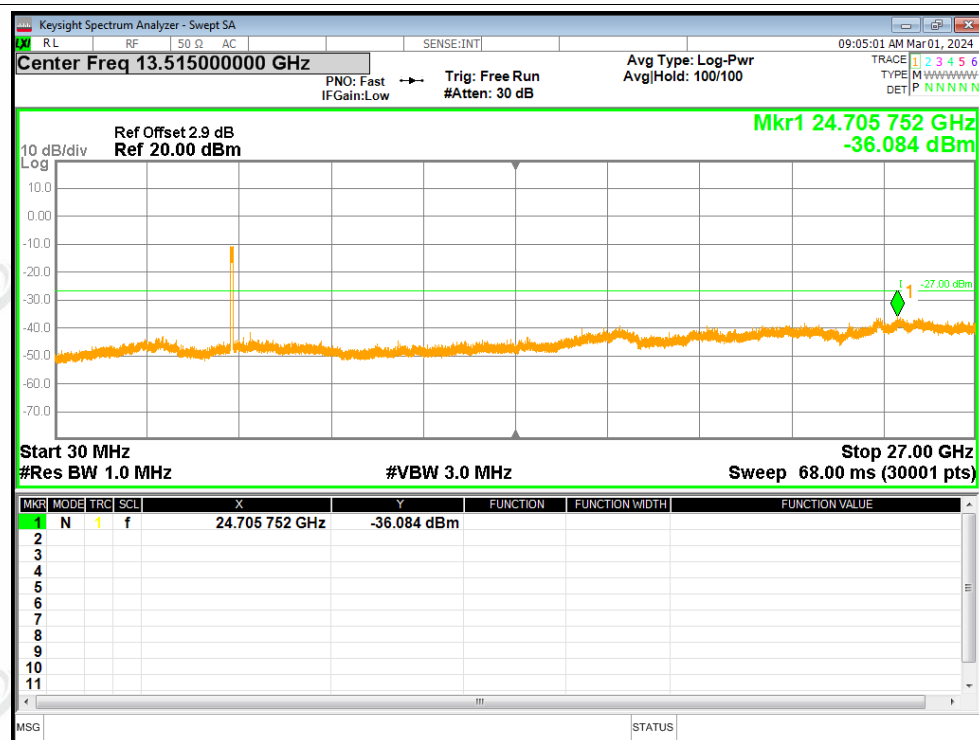


Tx. Spurious NVNT ac40 5230MHz Ant2 Emission





Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant2 Emission

