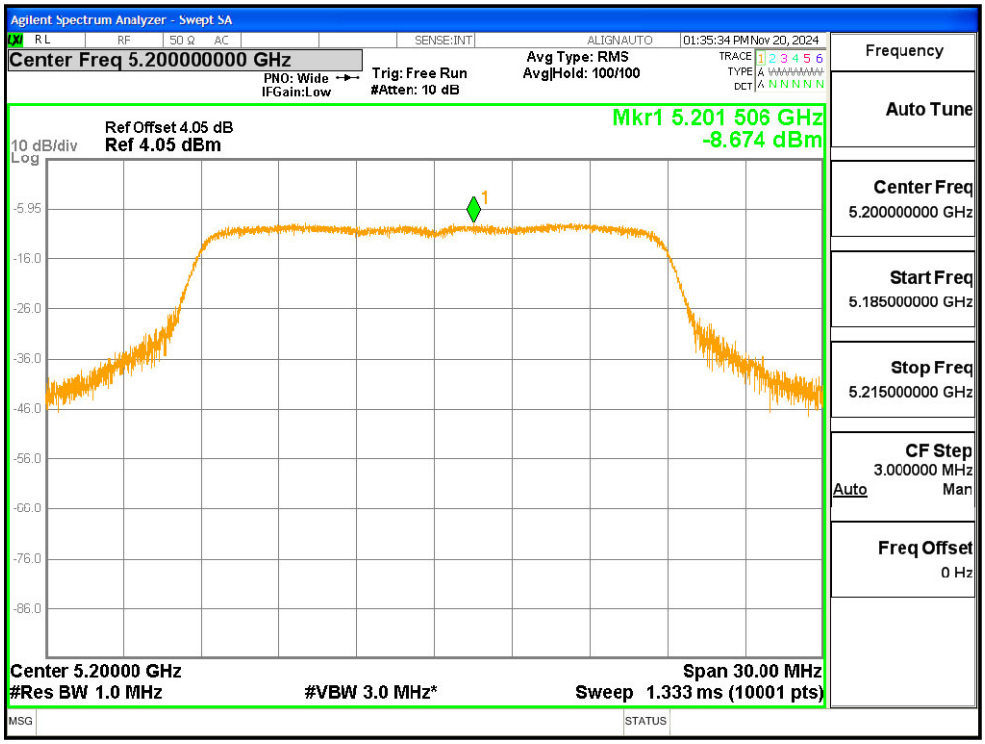
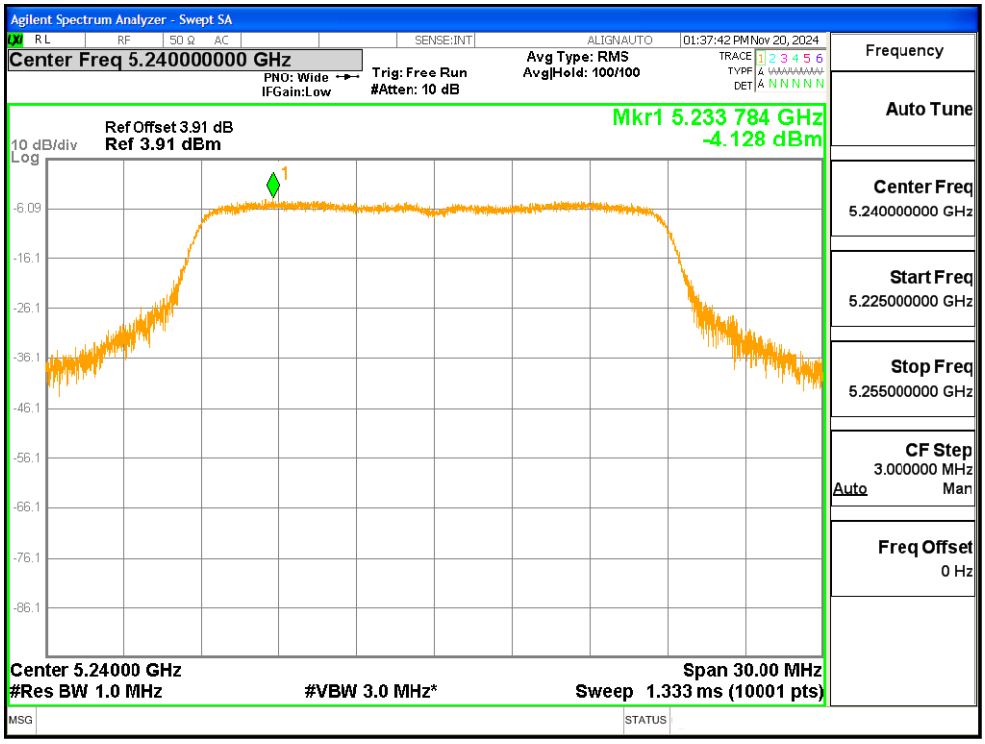
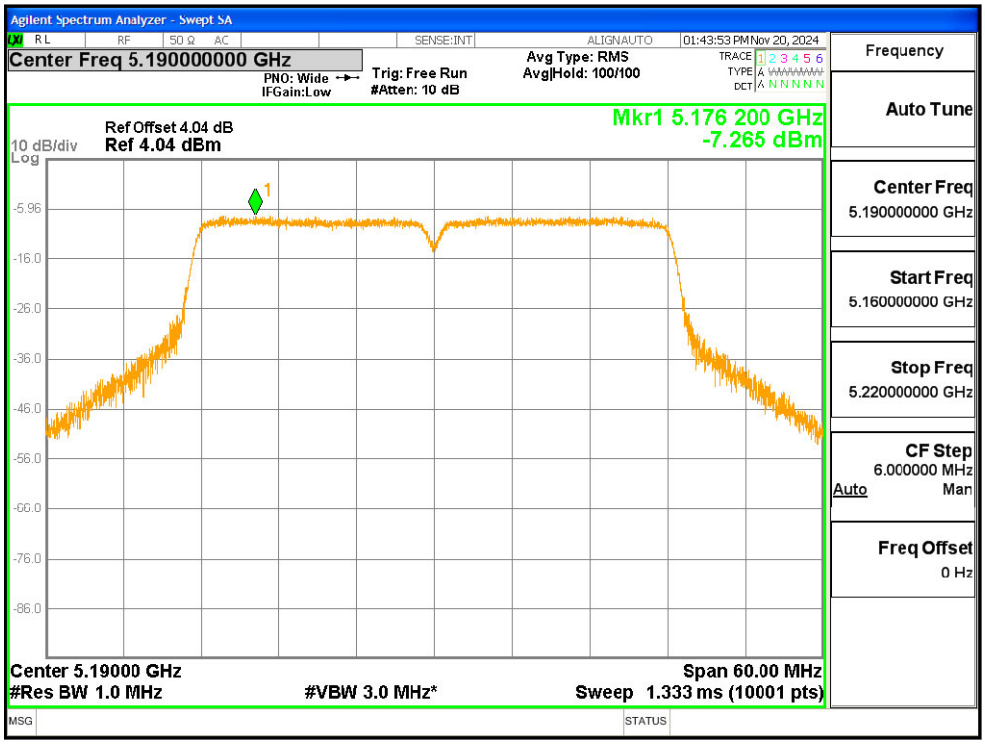
PSD NVNT n20 5200MHz Ant1



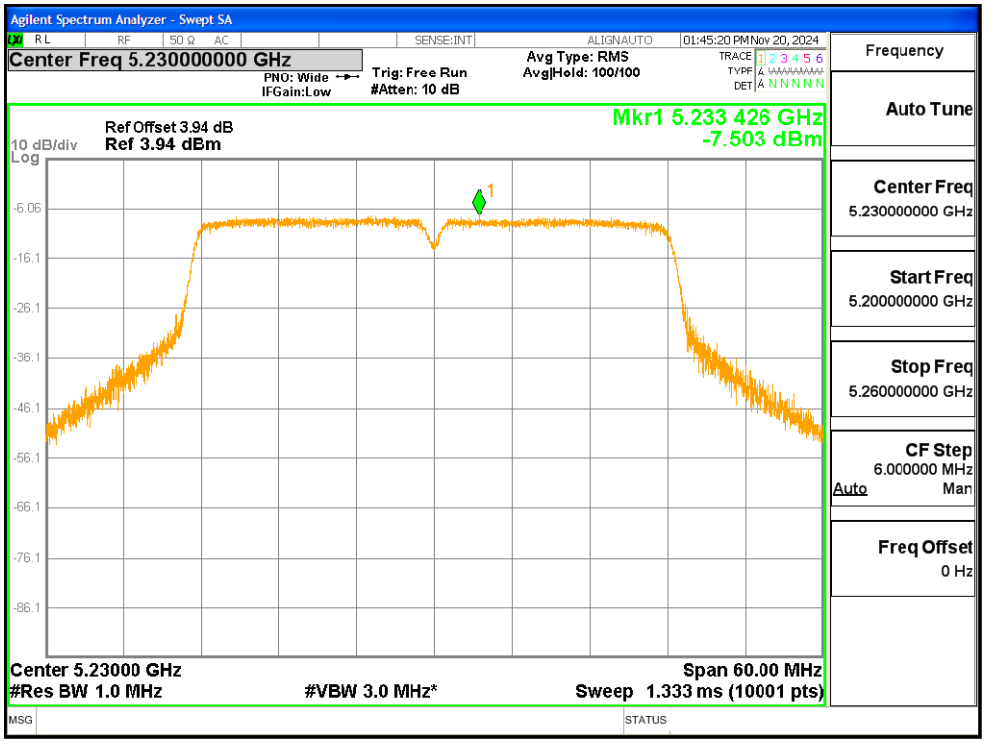
PSD NVNT n20 5240MHz Ant1



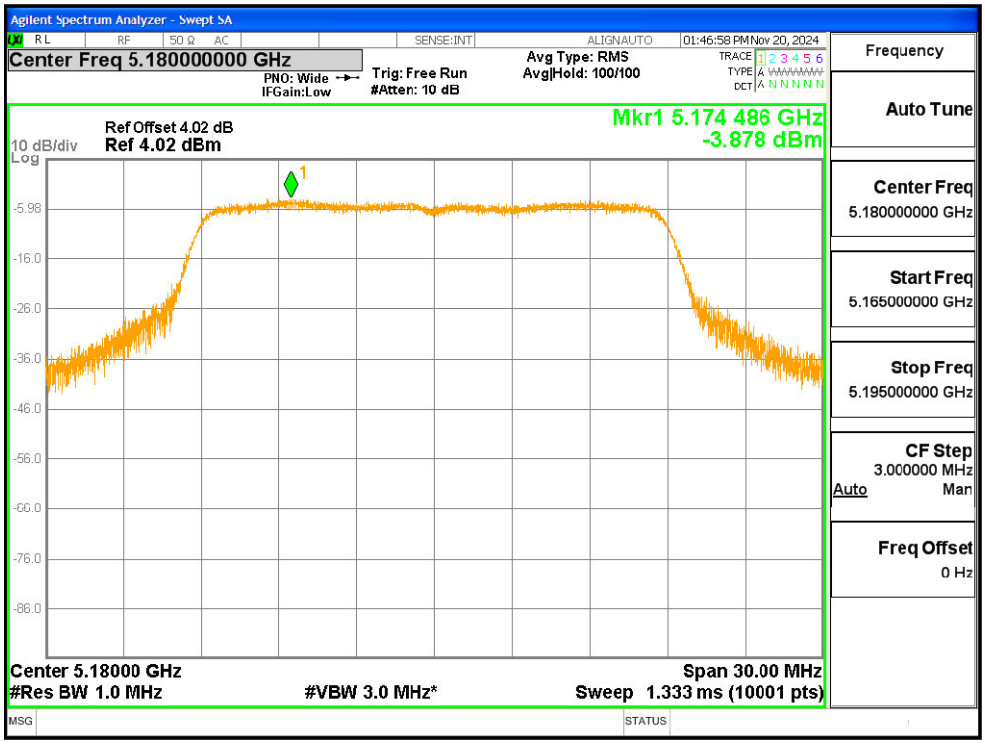
PSD NVNT n40 5190MHz Ant1



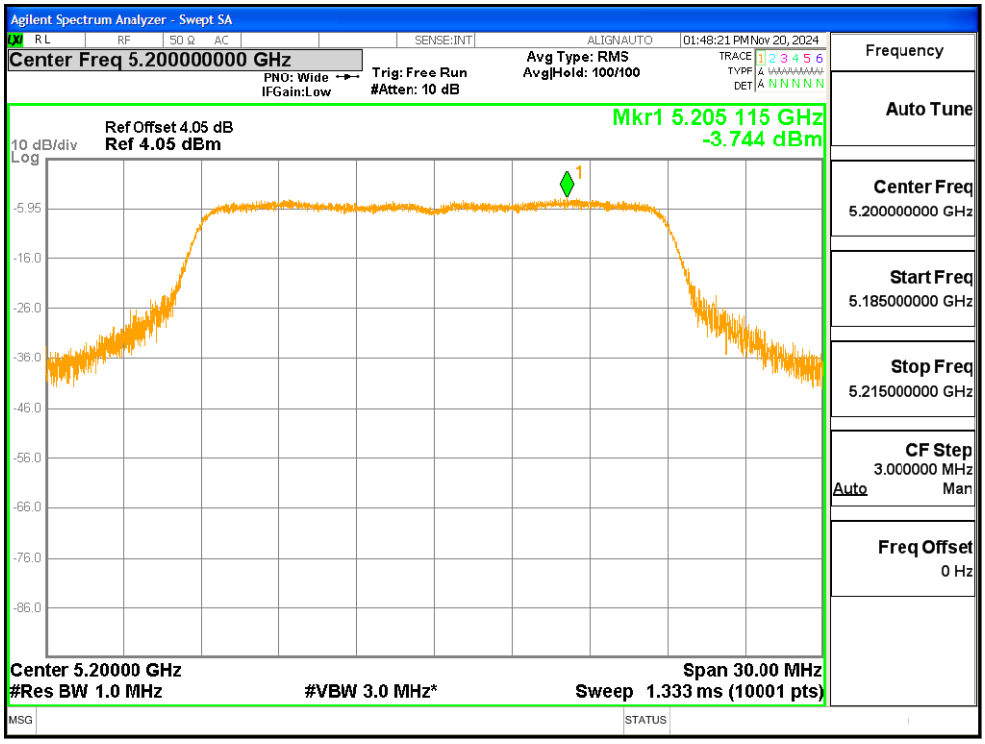
PSD NVNT n40 5230MHz Ant1



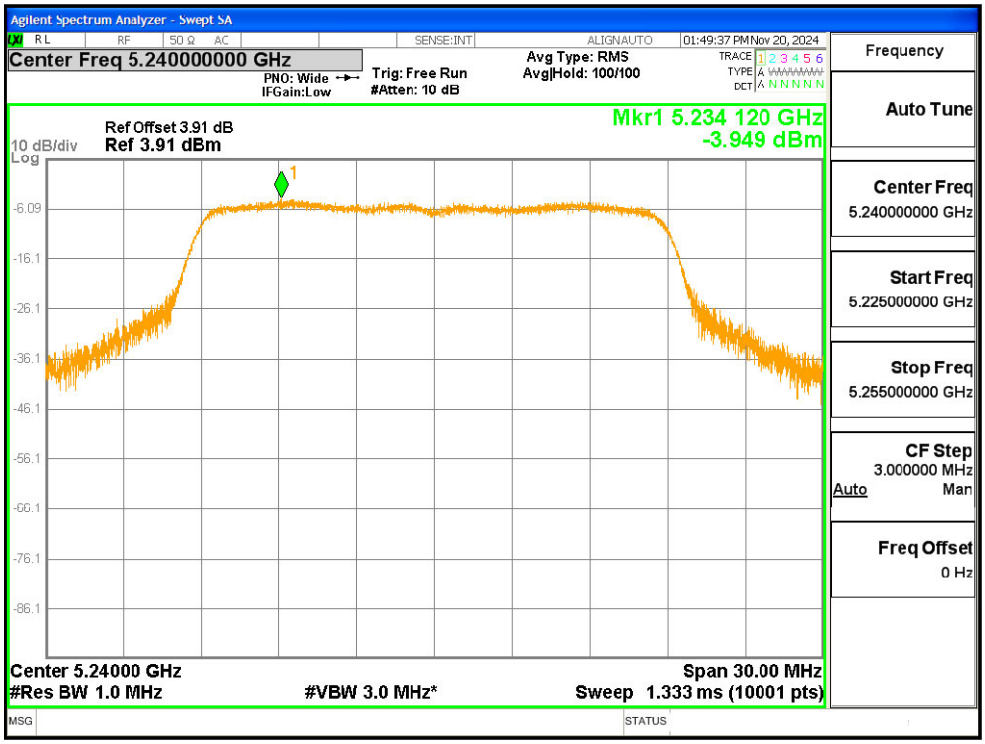
PSD NVNT ac20 5180MHz Ant1



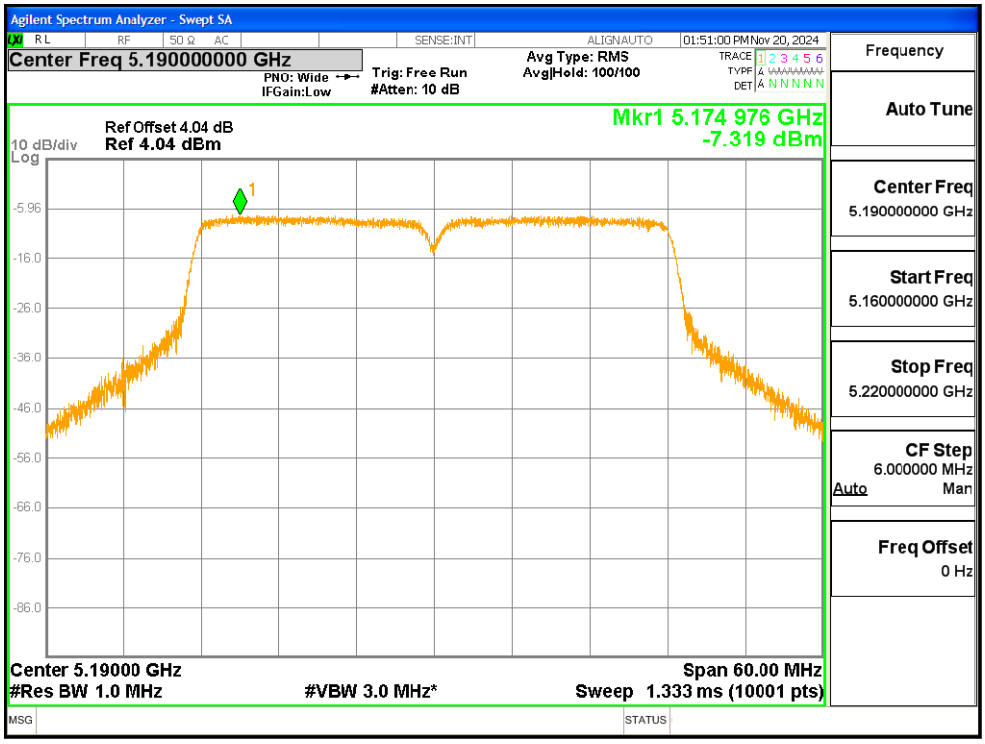
PSD NVNT ac20 5200MHz Ant1



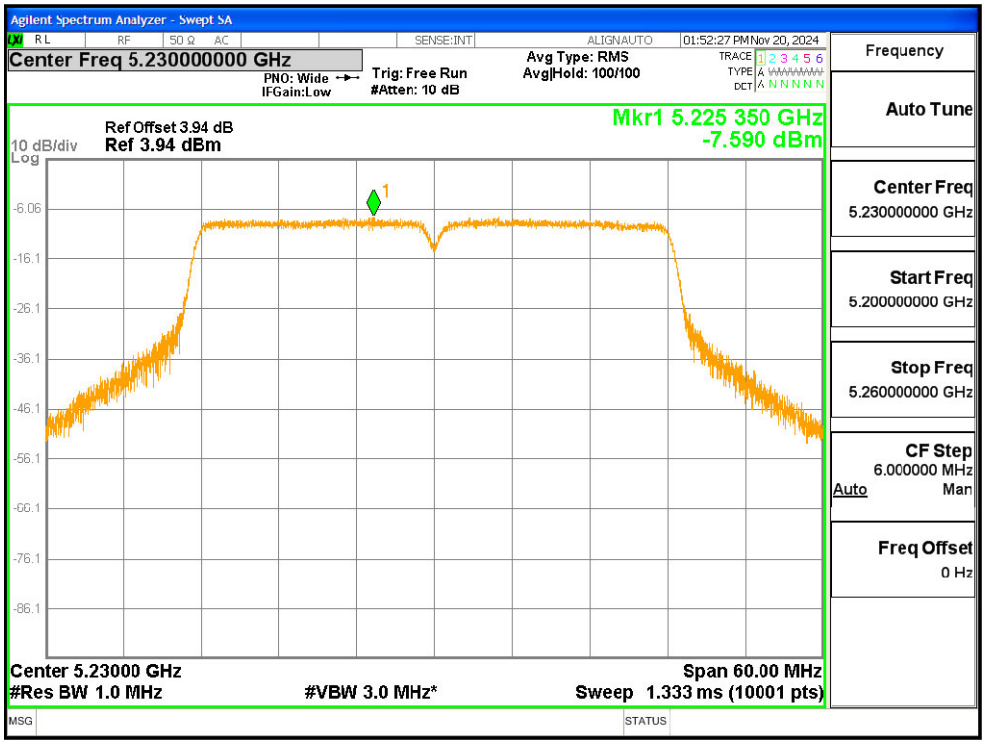
PSD NVNT ac20 5240MHz Ant1



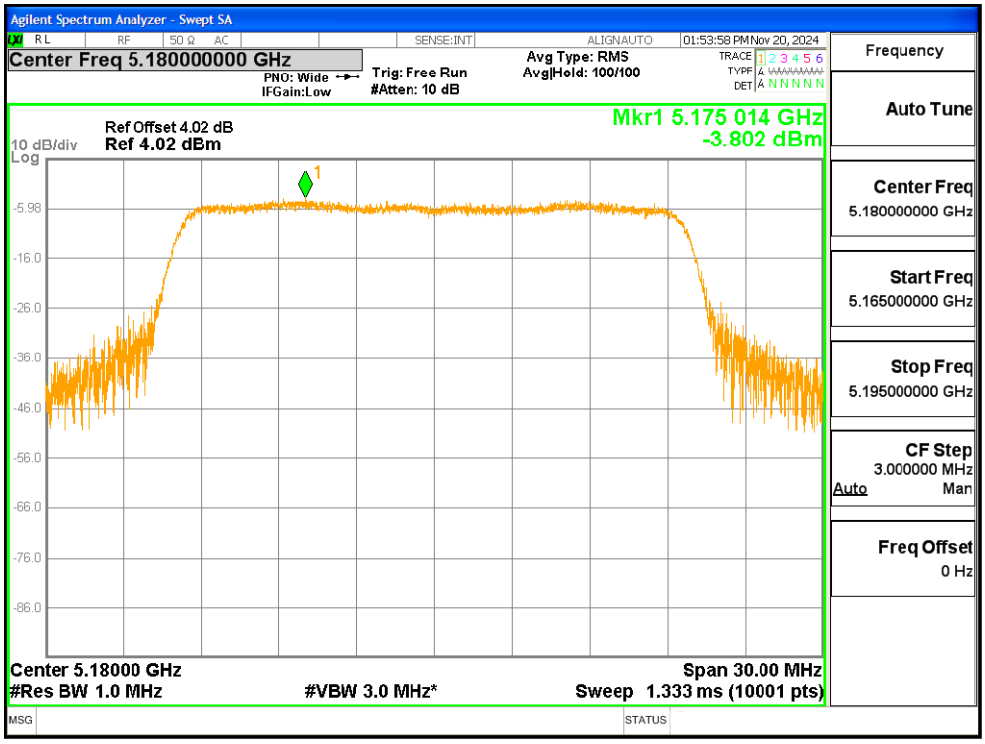
PSD NVNT ac40 5190MHz Ant1



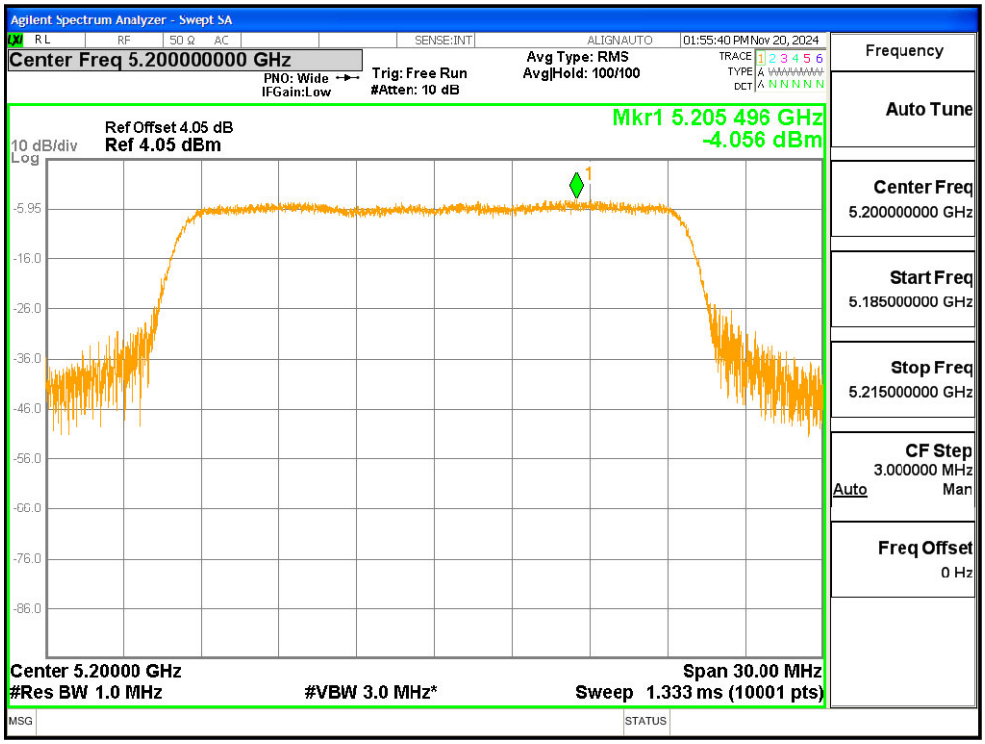
PSD NVNT ac40 5230MHz Ant1



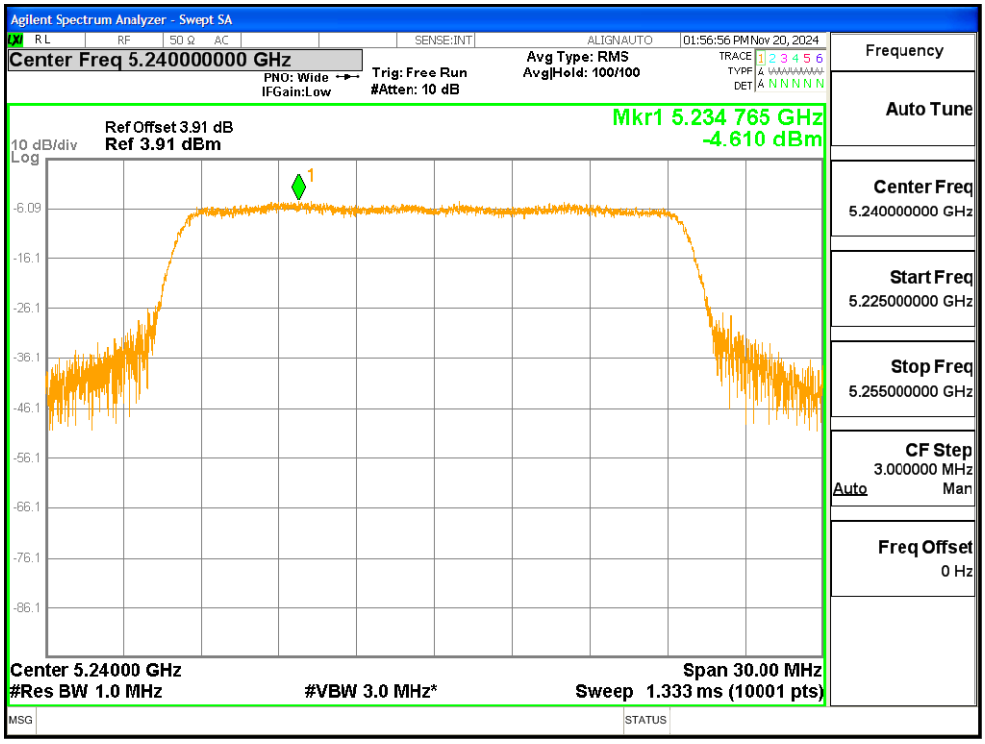
PSD NVNT ax20 5180MHz Ant1



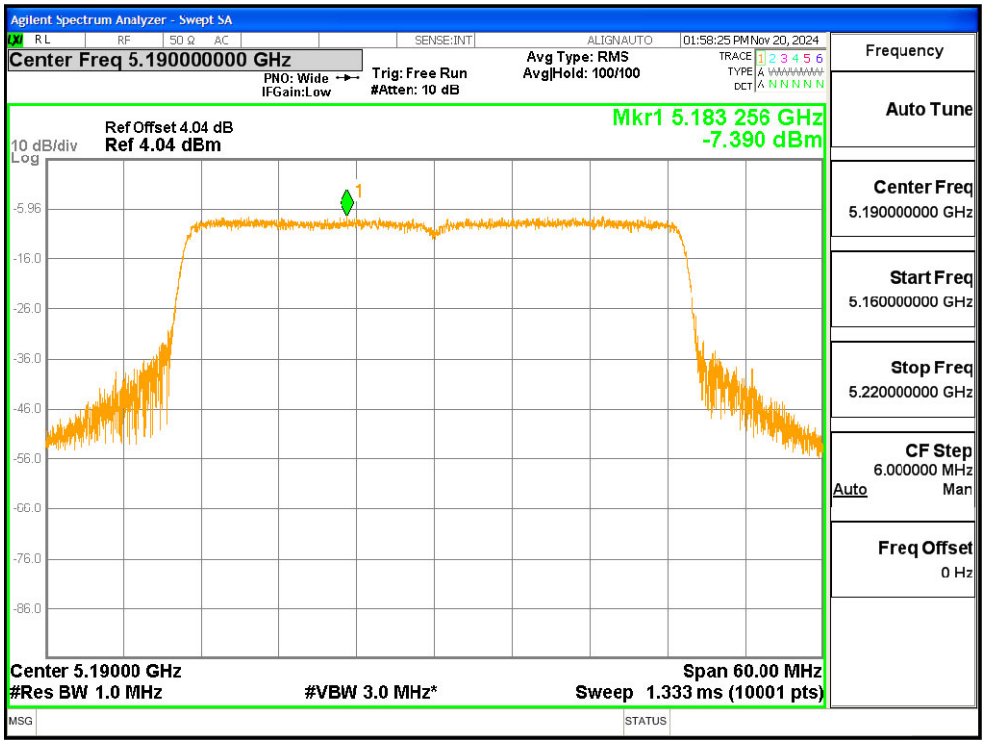
PSD NVNT ax20 5200MHz Ant1



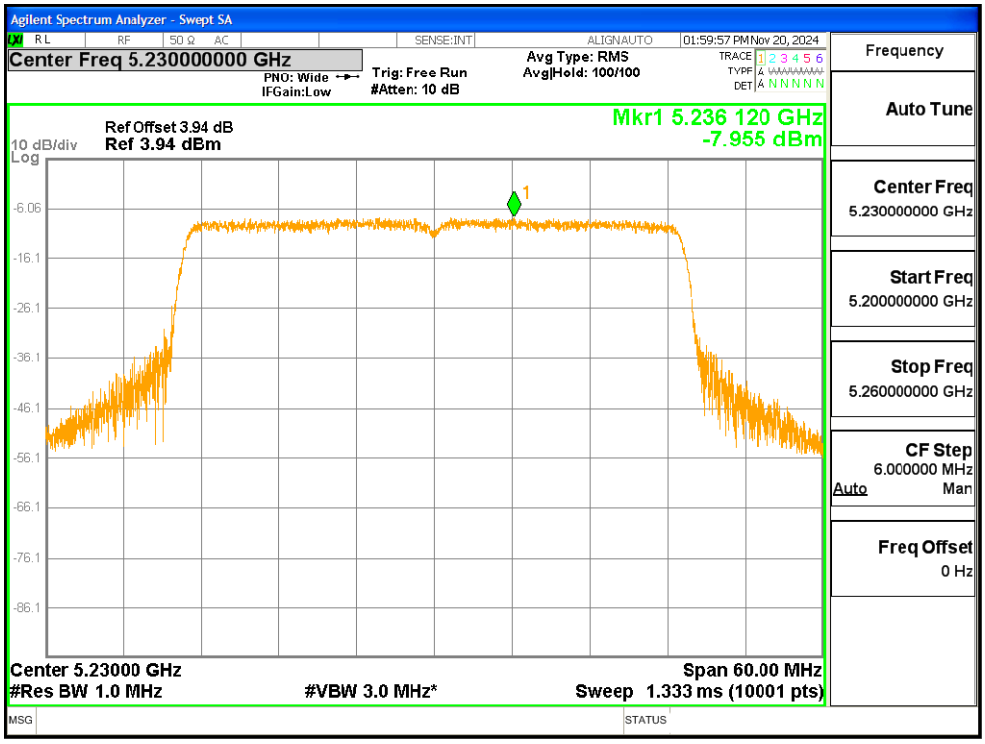
PSD NVNT ax20 5240MHz Ant1



PSD NVNT ax40 5190MHz Ant1



PSD NVNT ax40 5230MHz Ant1

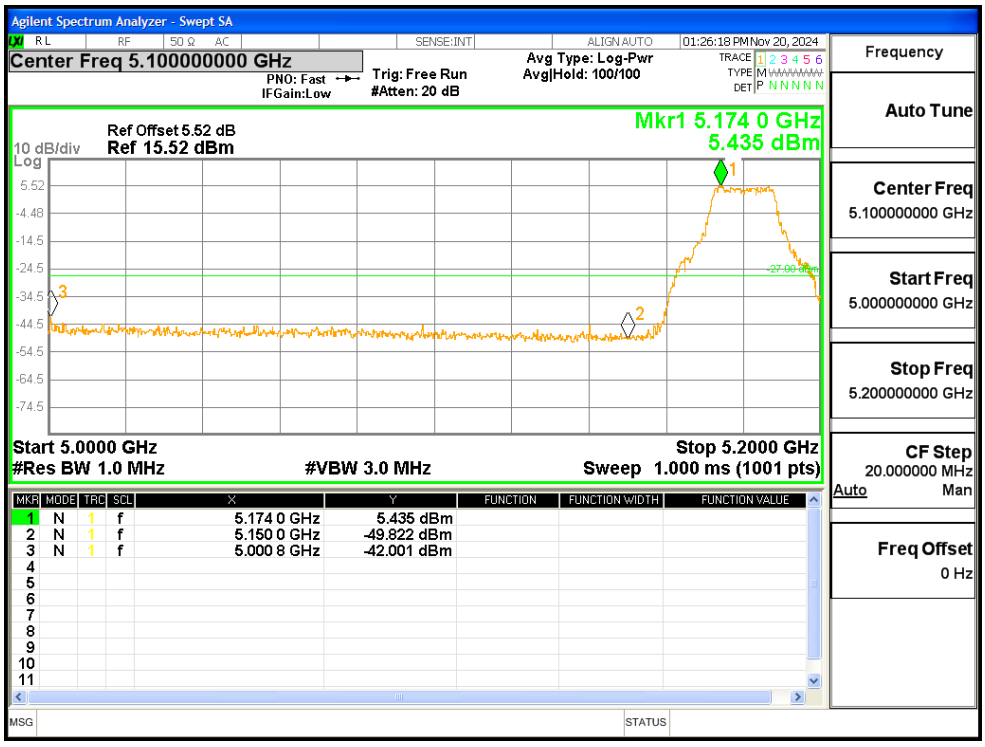


Band Edge

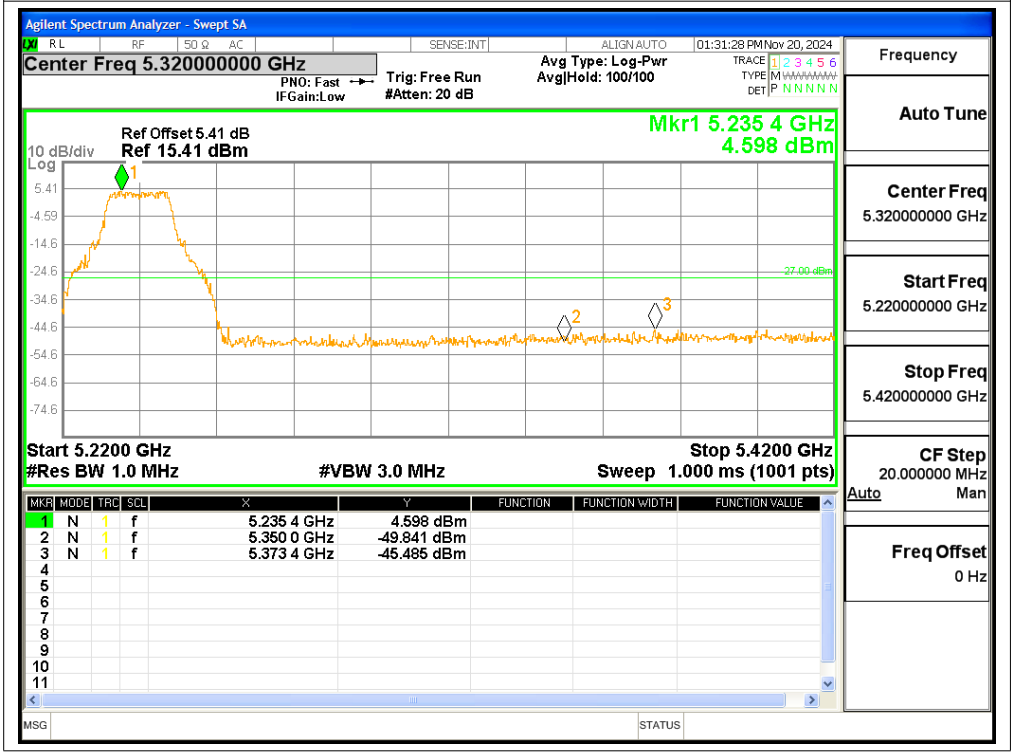
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-42	-27	Pass
		5240		-45.48	-27	Pass
	n20	5180		-43.02	-27	Pass
		5240		-45.34	-27	Pass
	n40	5190		-43.39	-27	Pass
		5230		-45.8	-27	Pass
	ac20	5180		-44.18	-27	Pass
		5240		-45.38	-27	Pass
	ac40	5190		-42.85	-27	Pass
		5230		-46.38	-27	Pass
	ax20	5180		-43.66	-27	Pass
		5240		-45.31	-27	Pass
	ax40	5190		-41.44	-27	Pass
		5230		-46.47	-27	Pass
Note:The test diagram has integrated antenna gain to Offset Settings.						

Test Graphs

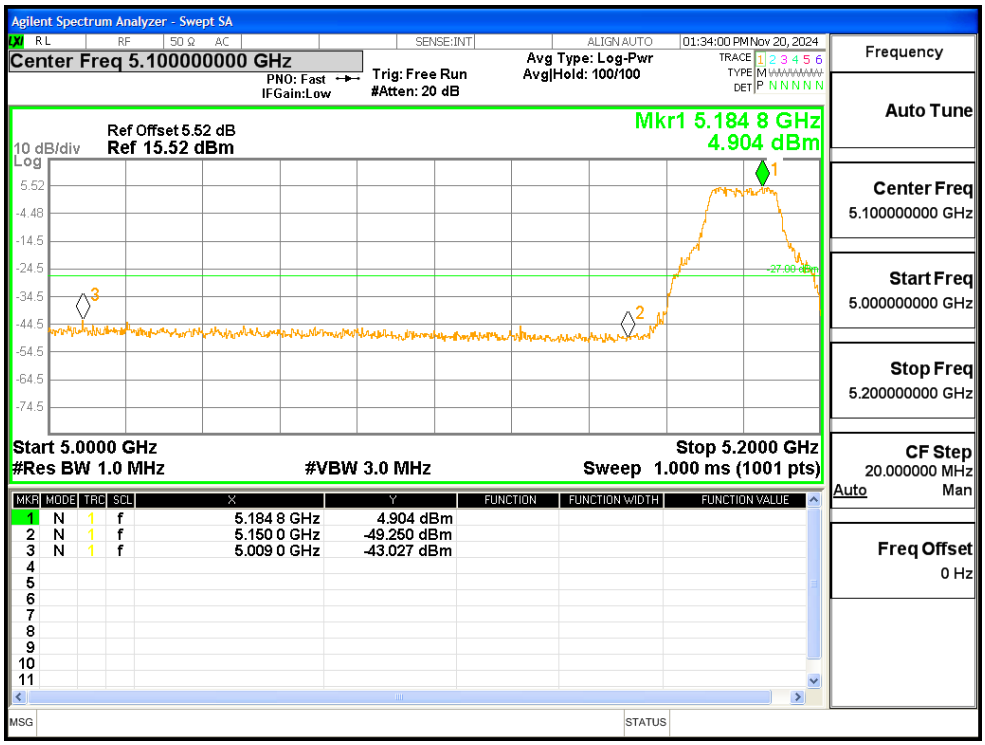
Band Edge NVNT a 5180MHz Low Ant1



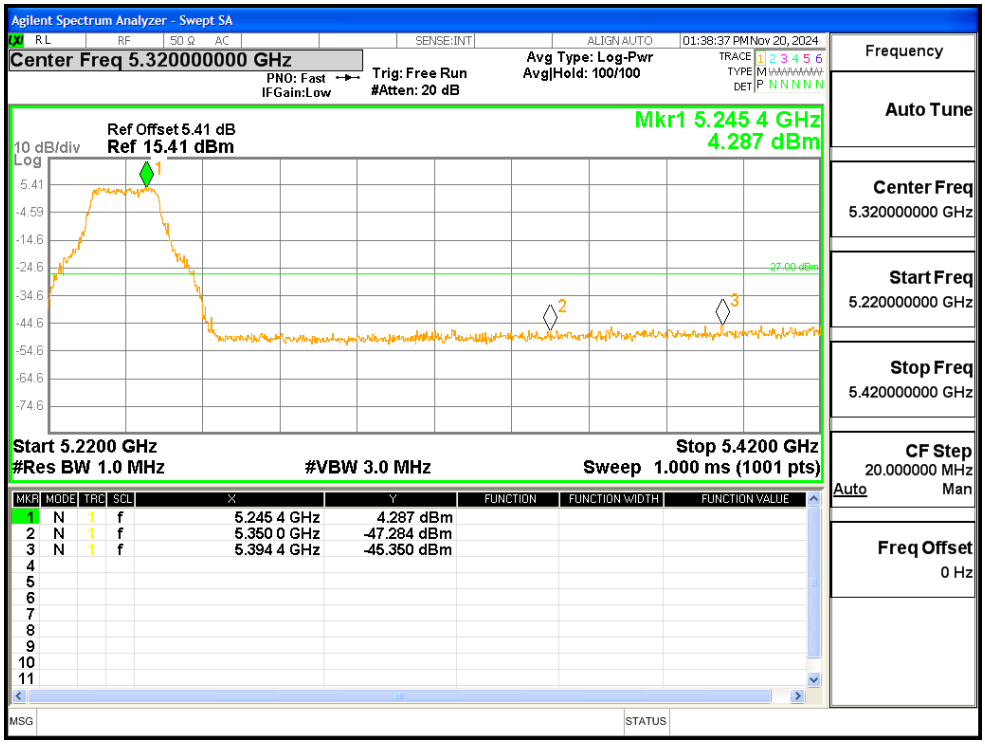
Band Edge NVNT a 5240MHz High Ant1



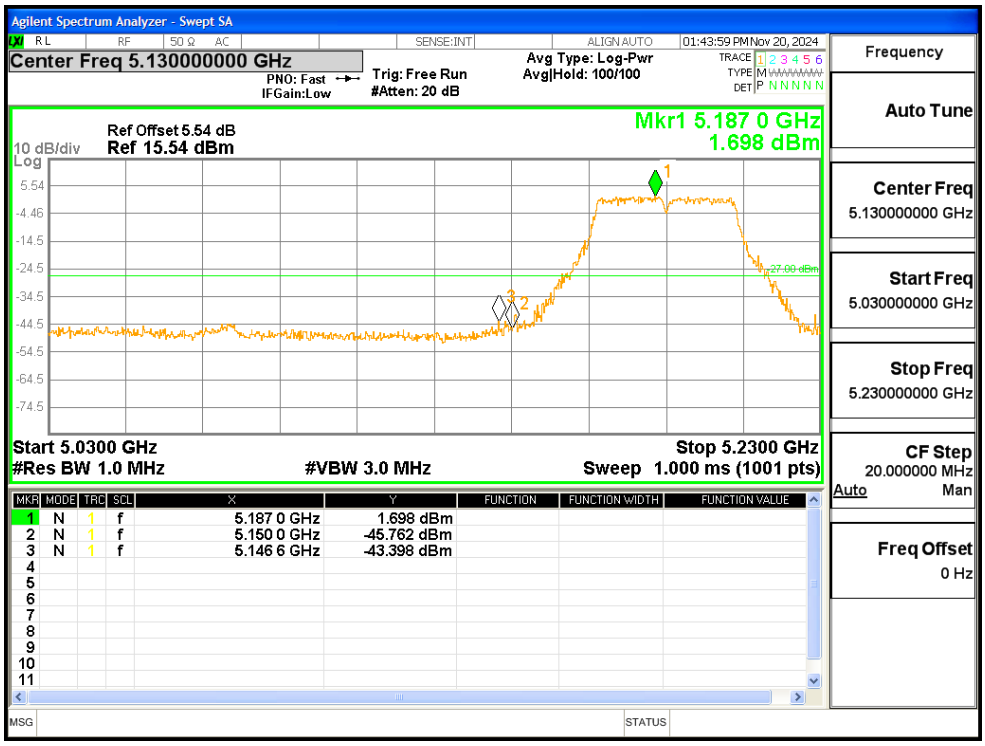
Band Edge NVNT n20 5180MHz Low Ant1



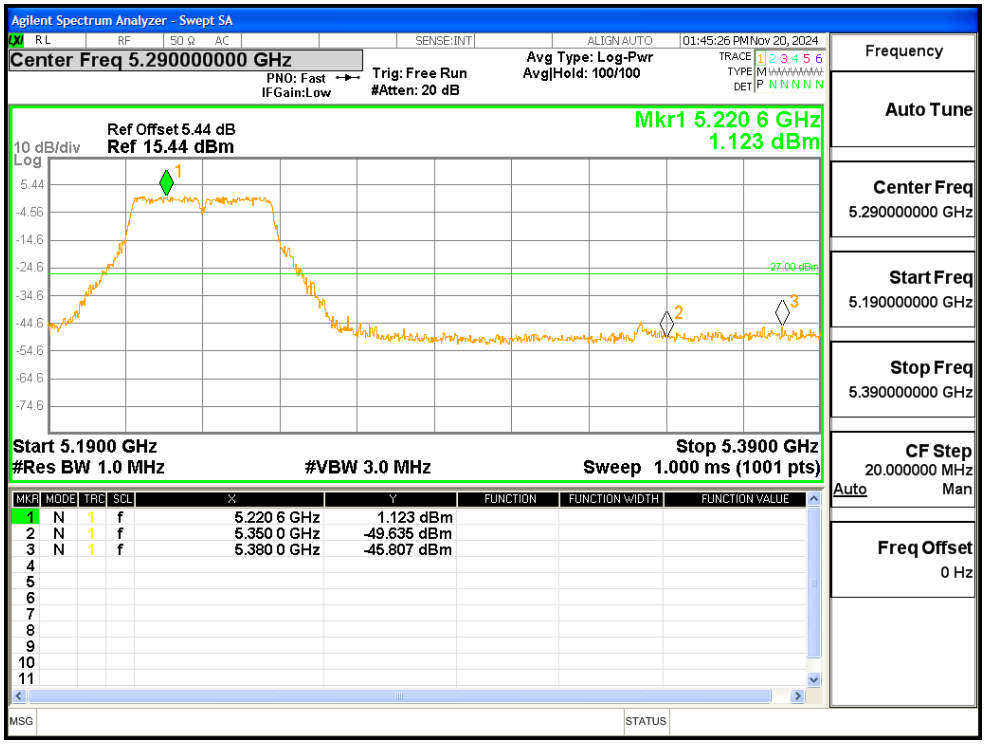
Band Edge NVNT n20 5240MHz High Ant1



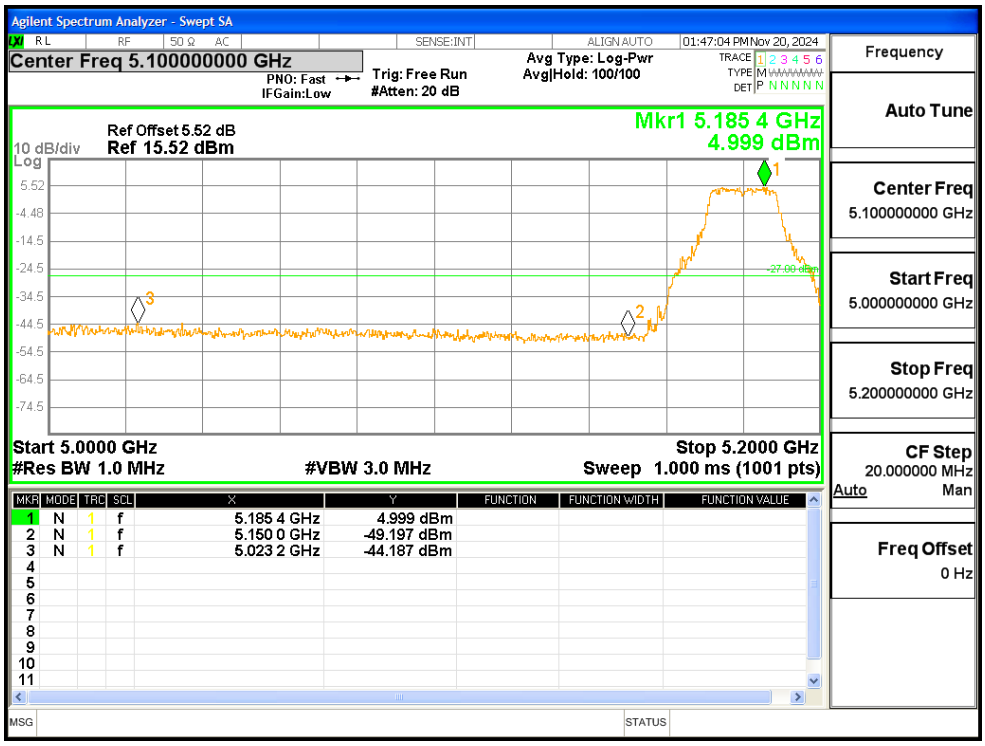
Band Edge NVNT n40 5190MHz Low Ant1



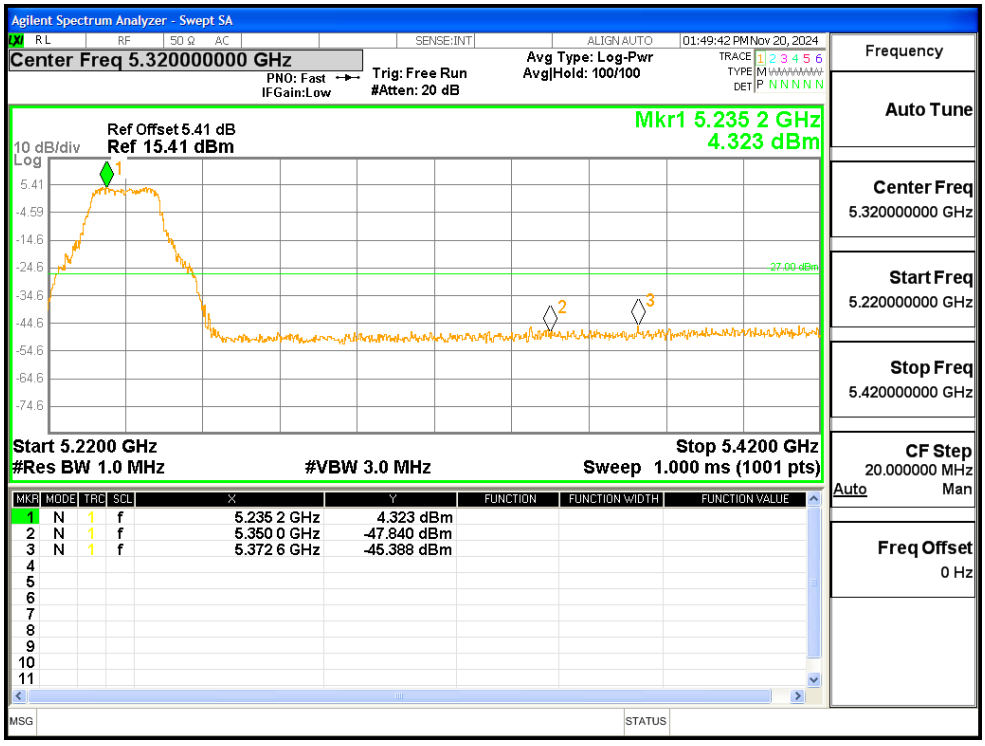
Band Edge NVNT n40 5230MHz High Ant1



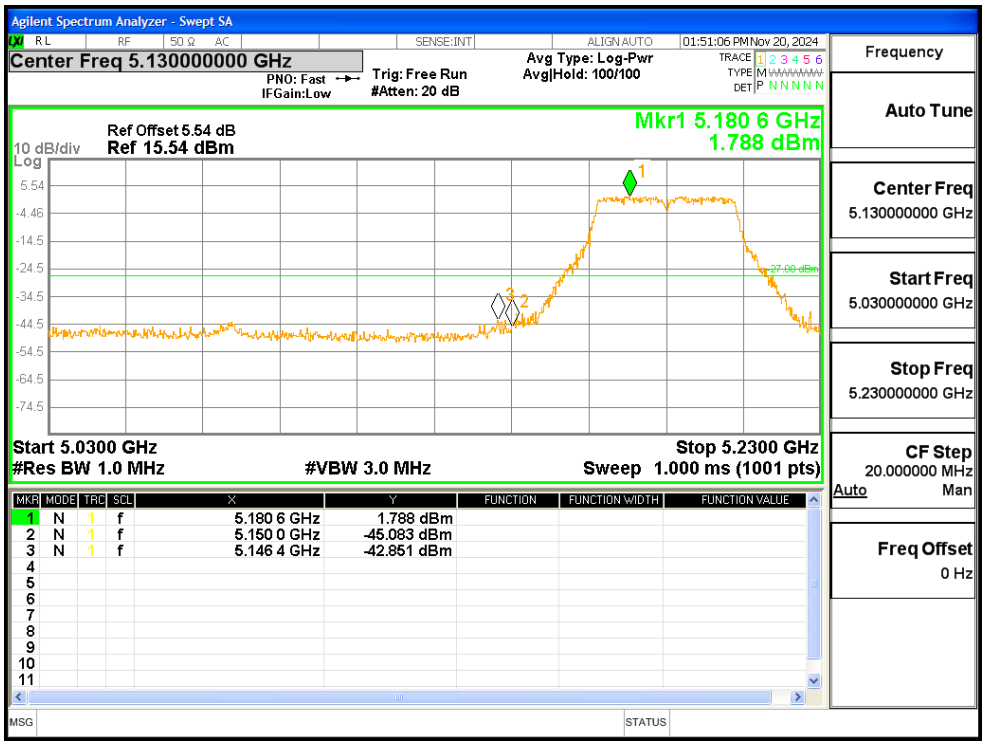
Band Edge NVNT ac20 5180MHz Low Ant1



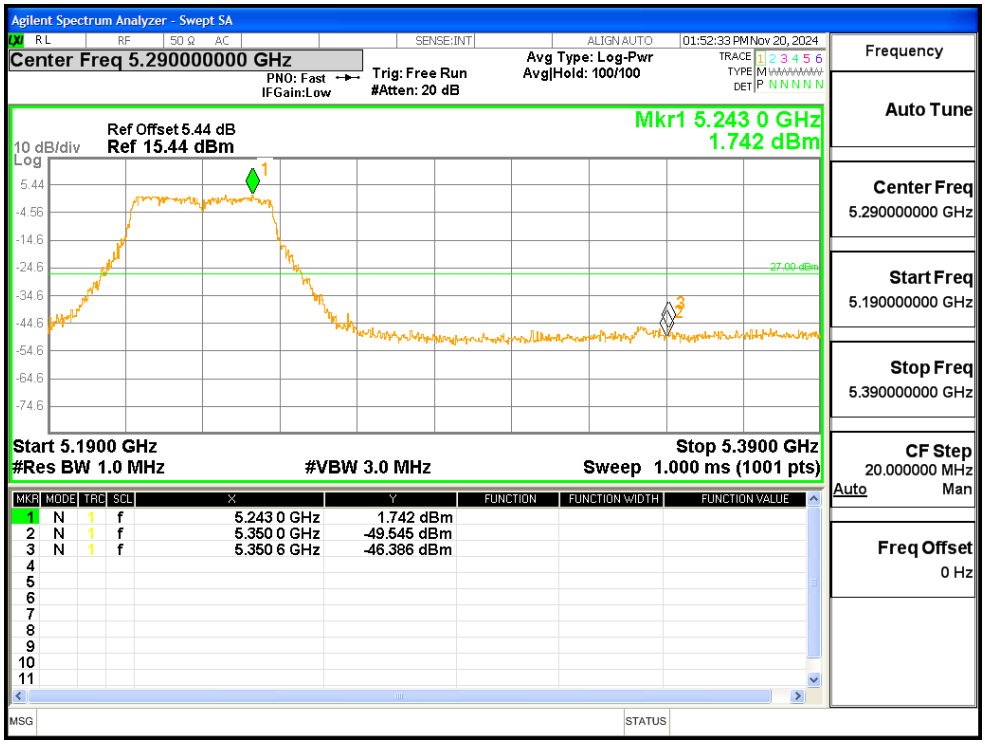
Band Edge NVNT ac20 5240MHz High Ant1



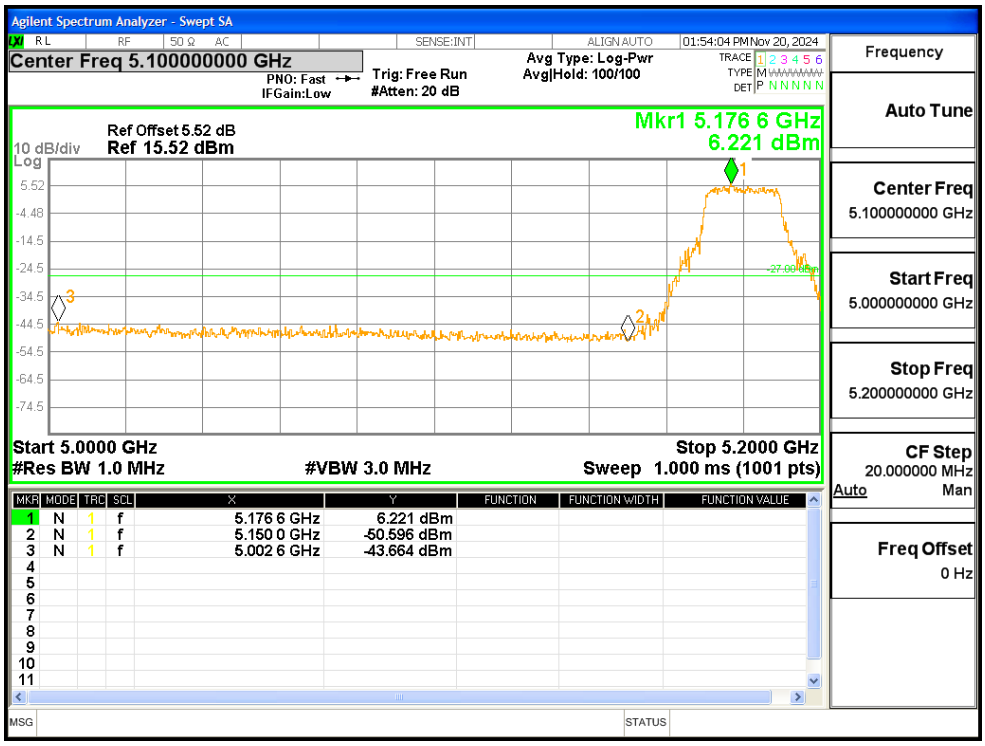
Band Edge NVNT ac40 5190MHz Low Ant1



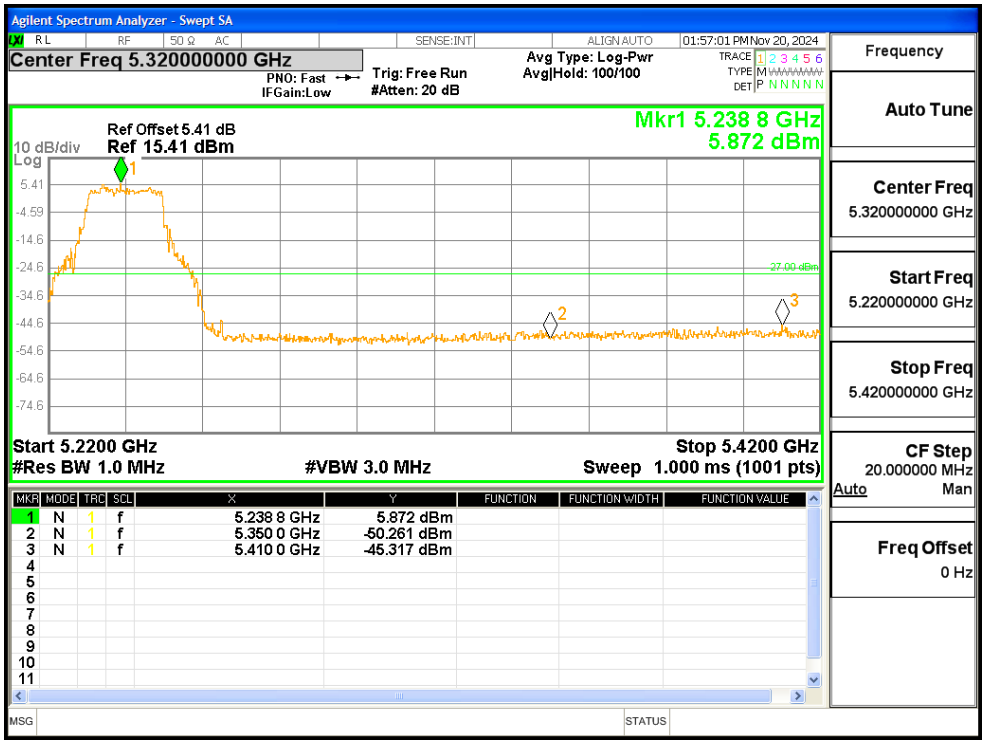
Band Edge NVNT ac40 5230MHz High Ant1



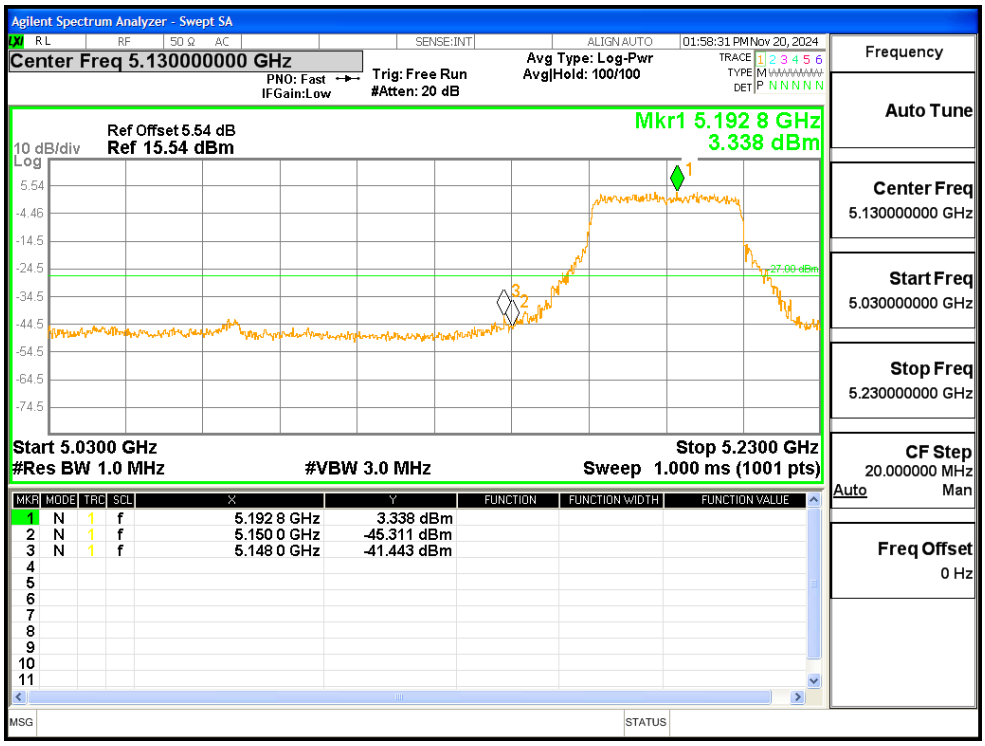
Band Edge NVNT ax20 5180MHz Low Ant1



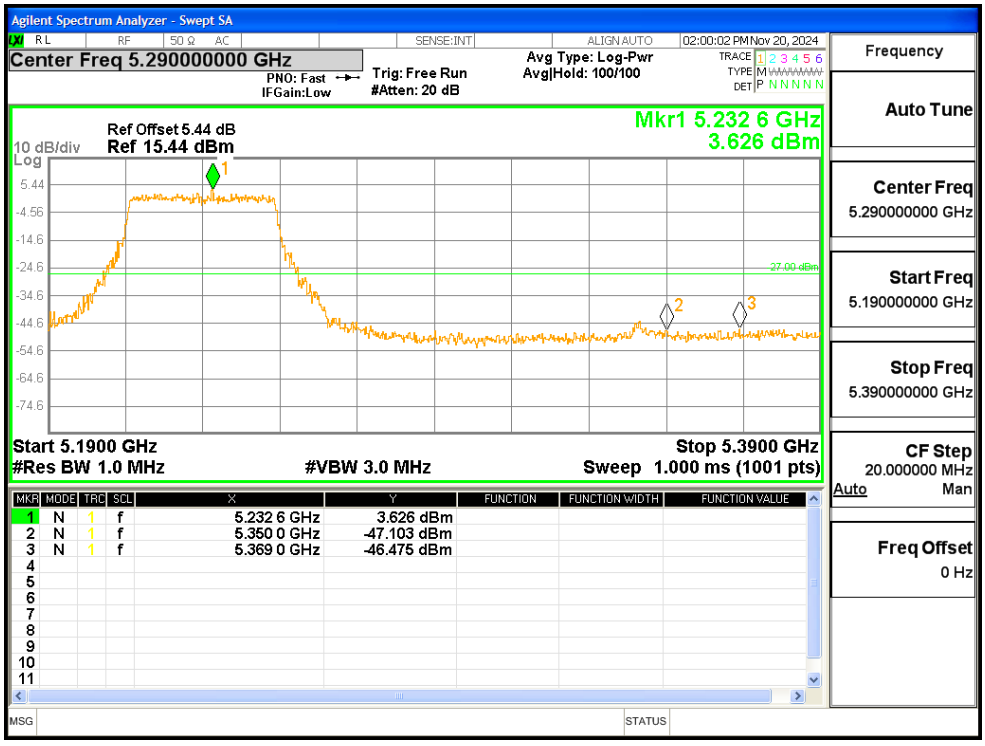
Band Edge NVNT ax20 5240MHz High Ant1



Band Edge NVNT ax40 5190MHz Low Ant1



Band Edge NVNT ax40 5230MHz High Ant1

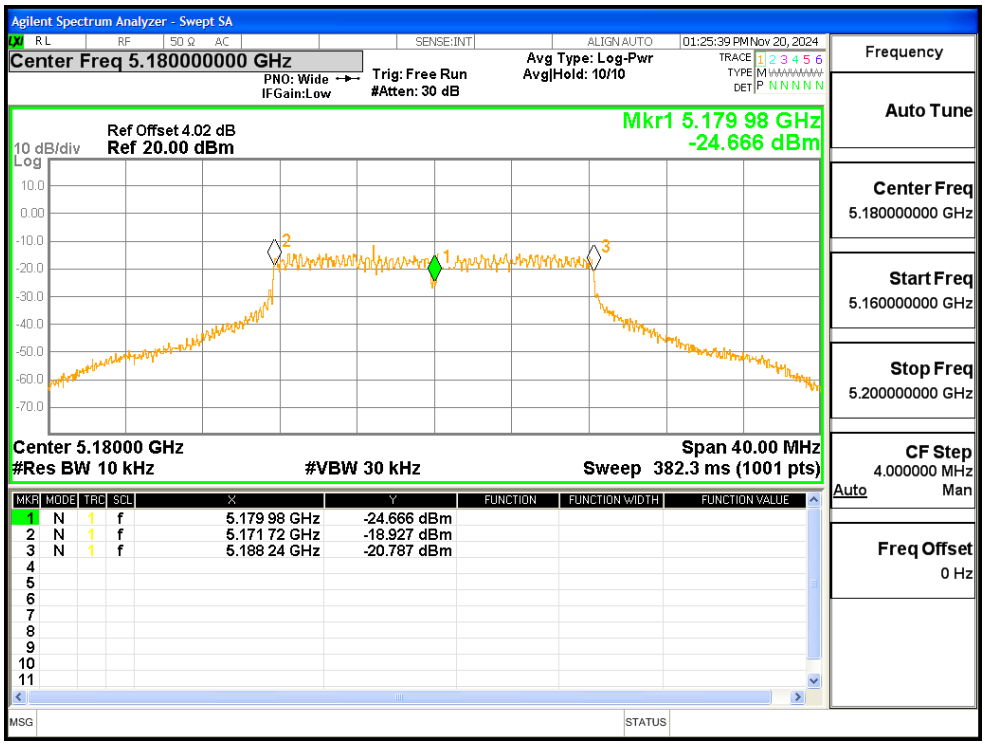


Frequency Stability

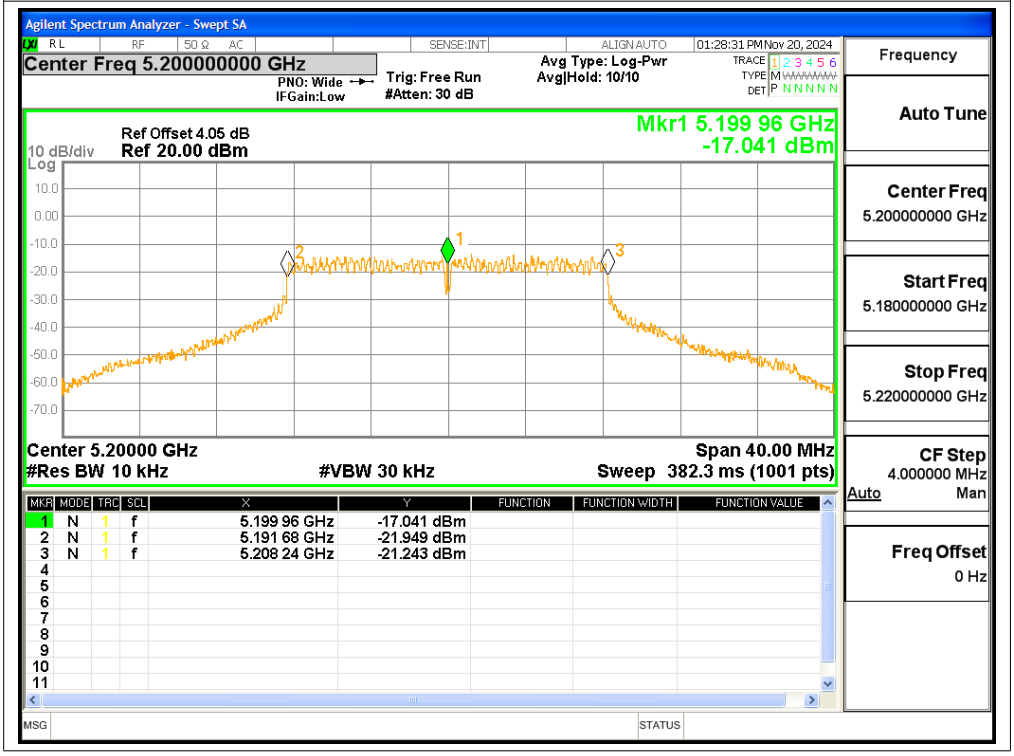
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
		5200		5199.96	-40000	-7.69	25	Pass
		5240		5239.98	-20000	-3.82	25	Pass
	n20	5180		5179.96	-40000	-7.72	25	Pass
		5200		5199.96	-40000	-7.69	25	Pass
		5240		5239.96	-40000	-7.63	25	Pass
	n40	5190		5189.96	-40000	-7.71	25	Pass
		5230		5229.96	-40000	-7.65	25	Pass
	ac20	5180		5179.96	-40000	-7.72	25	Pass
		5200		5199.96	-40000	-7.69	25	Pass
		5240		5239.96	-40000	-7.63	25	Pass
	ac40	5190		5189.96	-40000	-7.71	25	Pass
		5230		5229.96	-40000	-7.65	25	Pass
	ax20	5180		5179.96	-40000	-7.72	25	Pass
		5200		5199.96	-40000	-7.69	25	Pass
		5240		5239.96	-40000	-7.63	25	Pass
	ax40	5190		5189.96	-40000	-7.71	25	Pass
		5230		5229.96	-40000	-7.65	25	Pass

Test Graphs

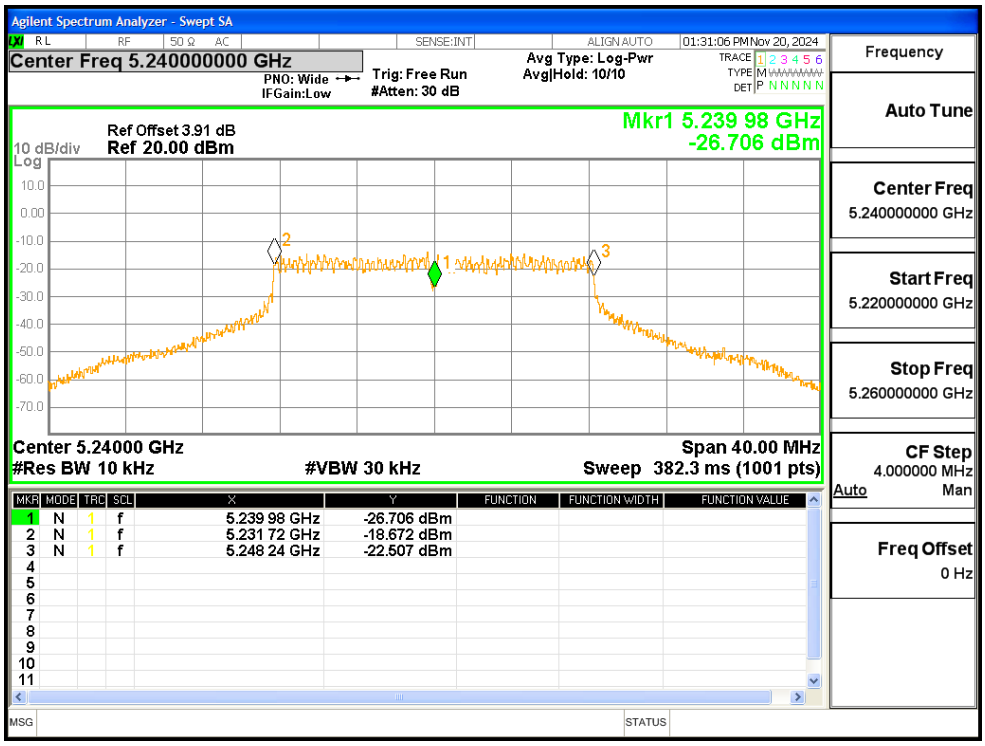
Freq. Stability NVNT a 5180MHz Ant1



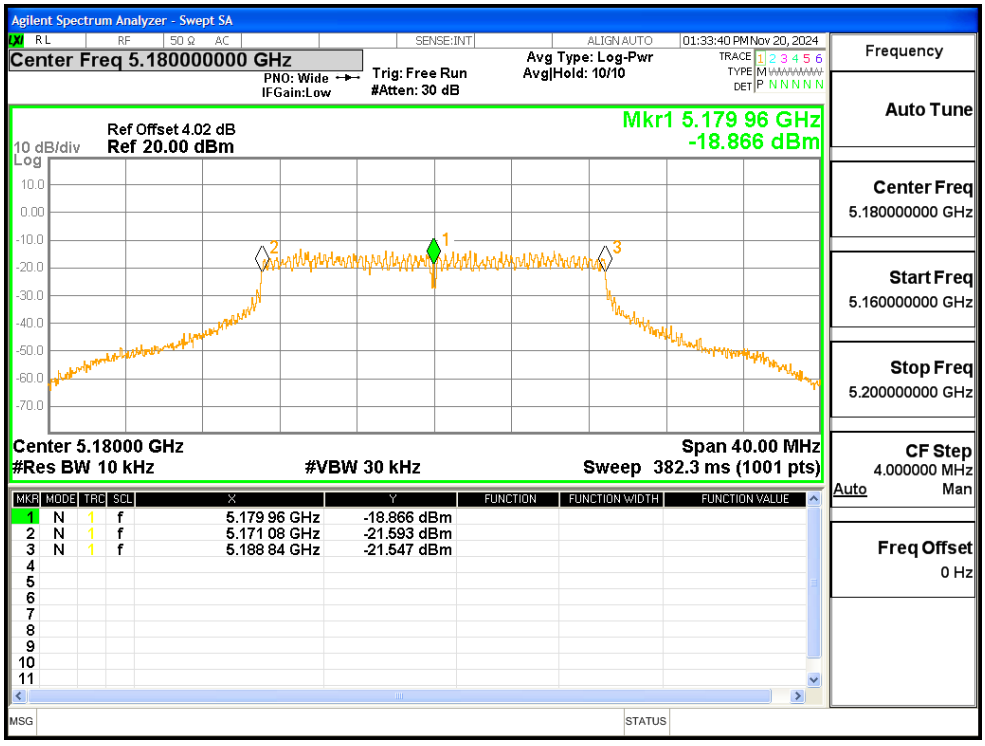
Freq. Stability NVNT a 5200MHz Ant1



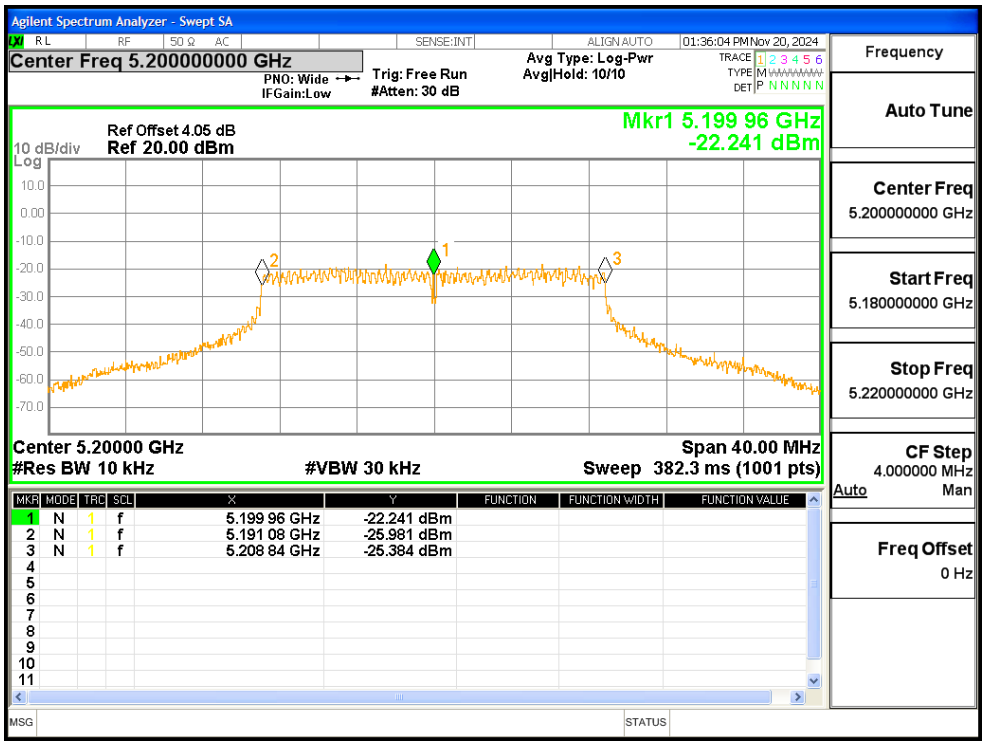
Freq. Stability NVNT a 5240MHz Ant1



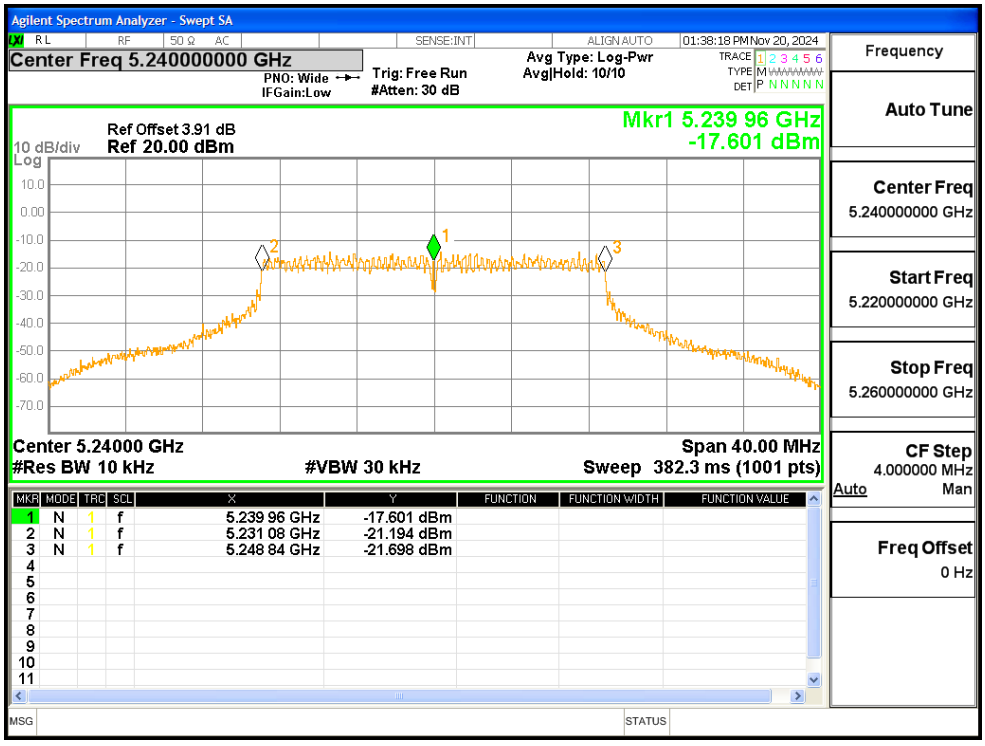
Freq. Stability NVNT n20 5180MHz Ant1



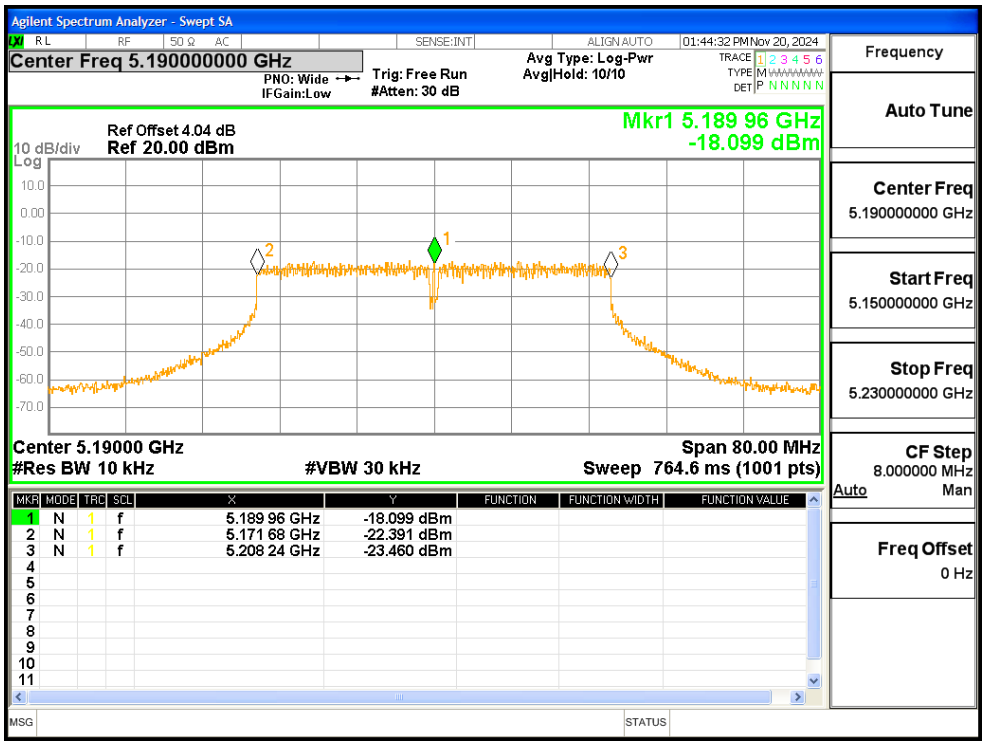
Freq. Stability NVNT n20 5200MHz Ant1



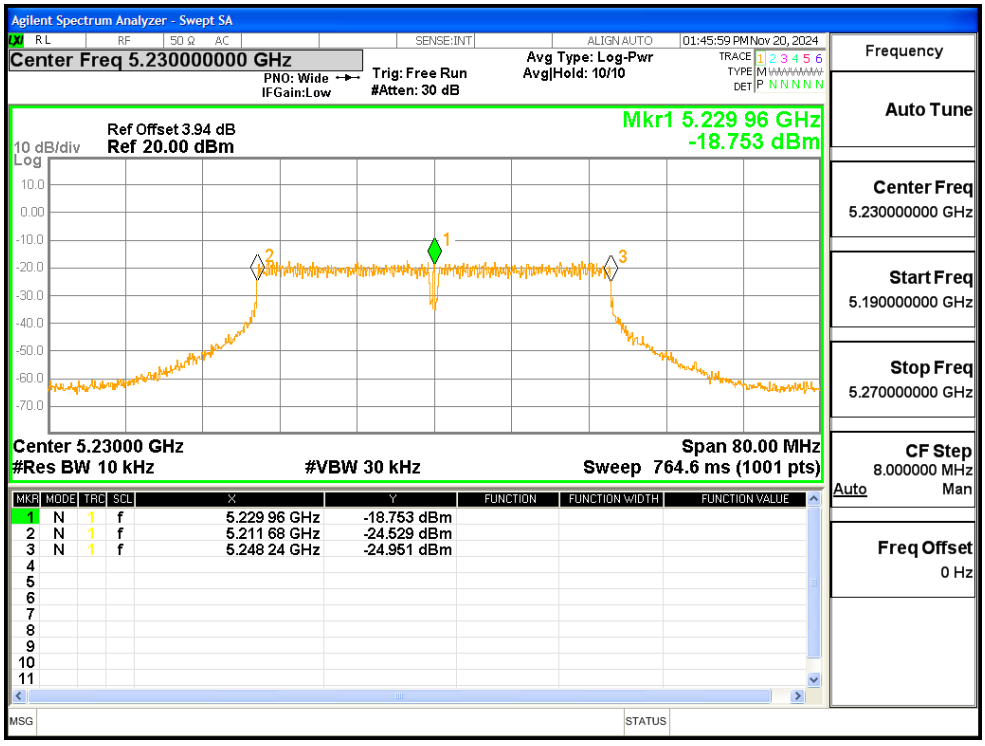
Freq. Stability NVNT n20 5240MHz Ant1



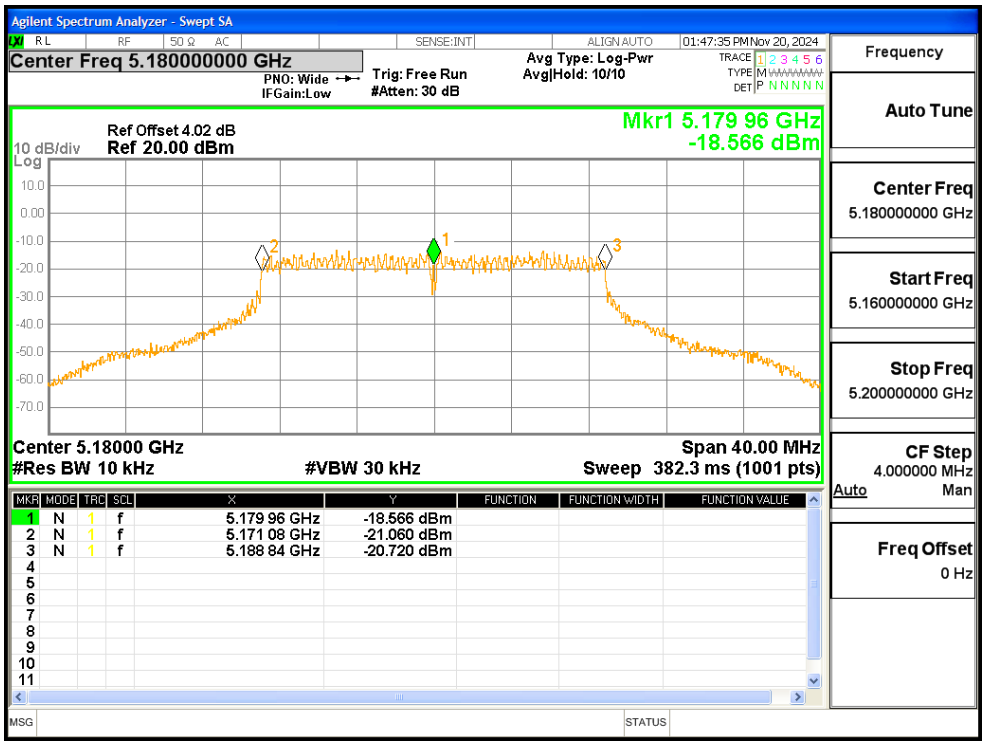
Freq. Stability NVNT n40 5190MHz Ant1



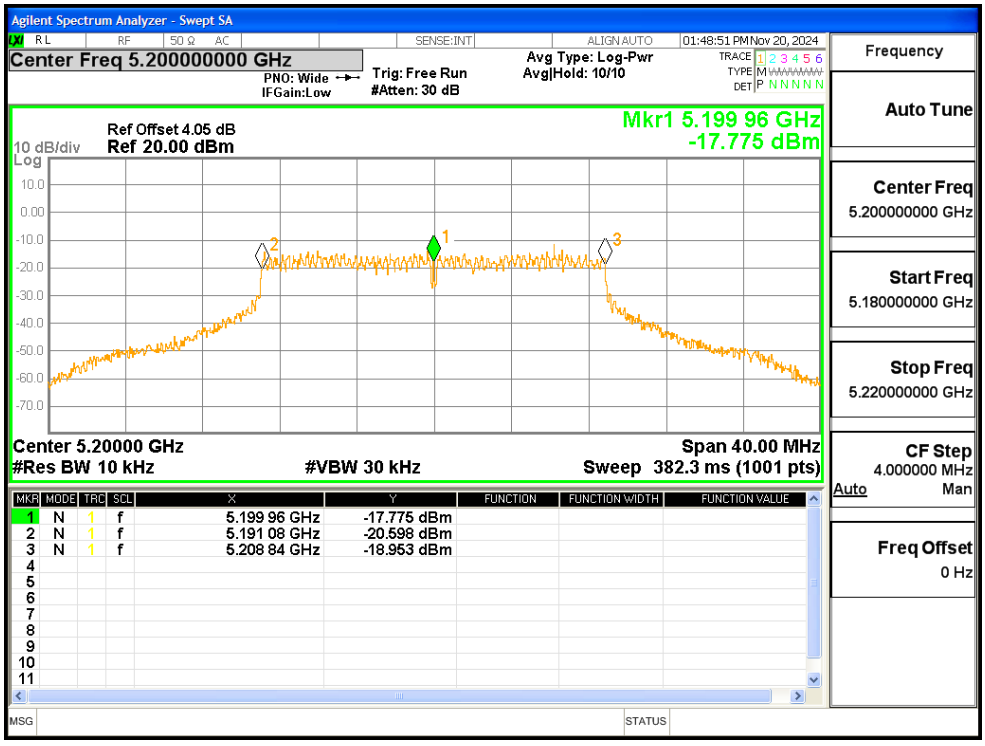
Freq. Stability NVNT n40 5230MHz Ant1



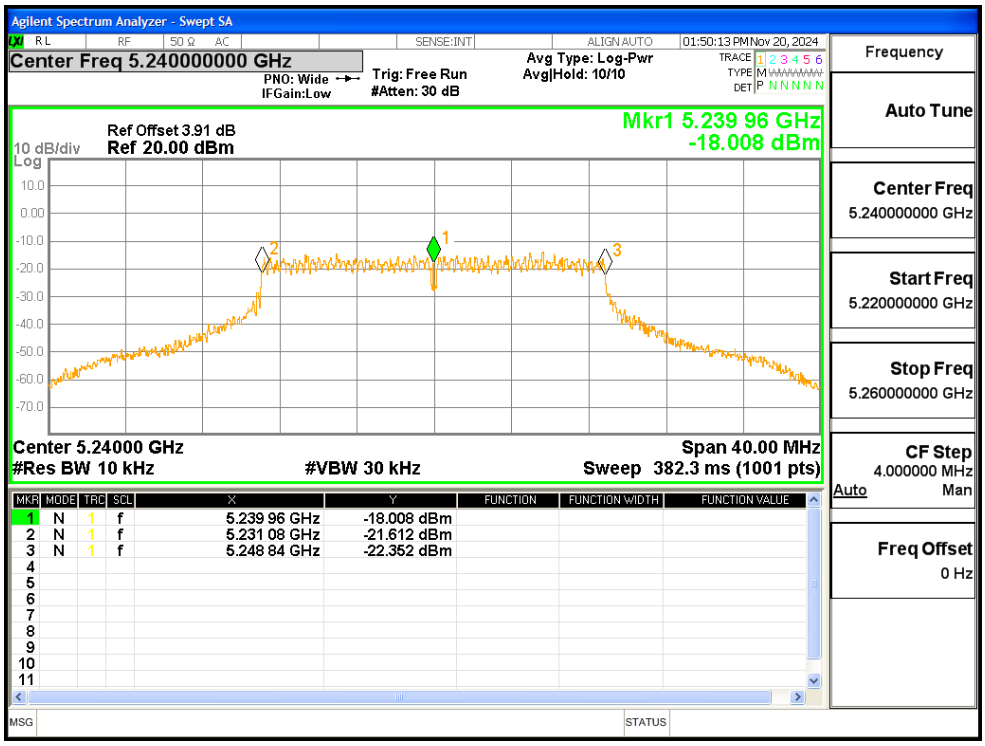
Freq. Stability NVNT ac20 5180MHz Ant1



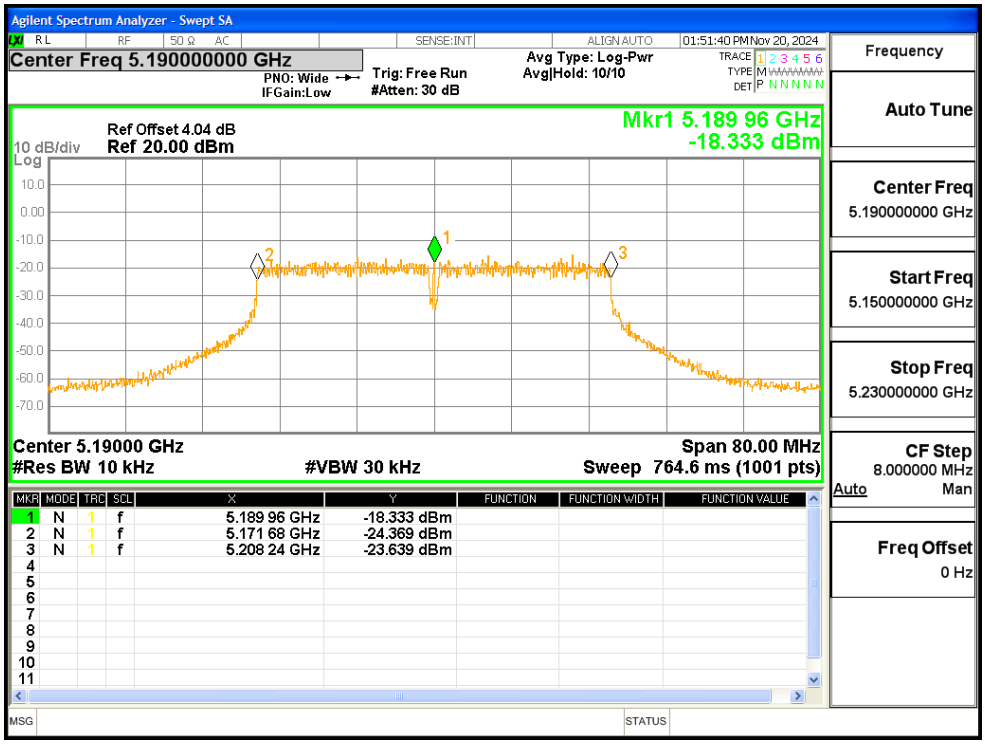
Freq. Stability NVNT ac20 5200MHz Ant1



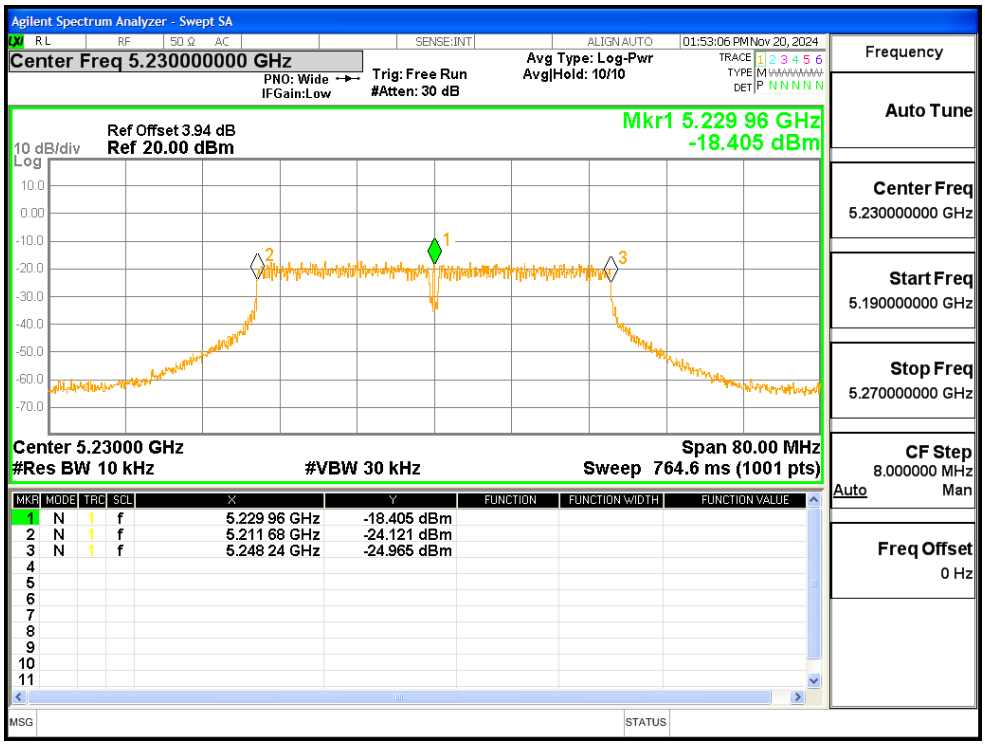
Freq. Stability NVNT ac20 5240MHz Ant1



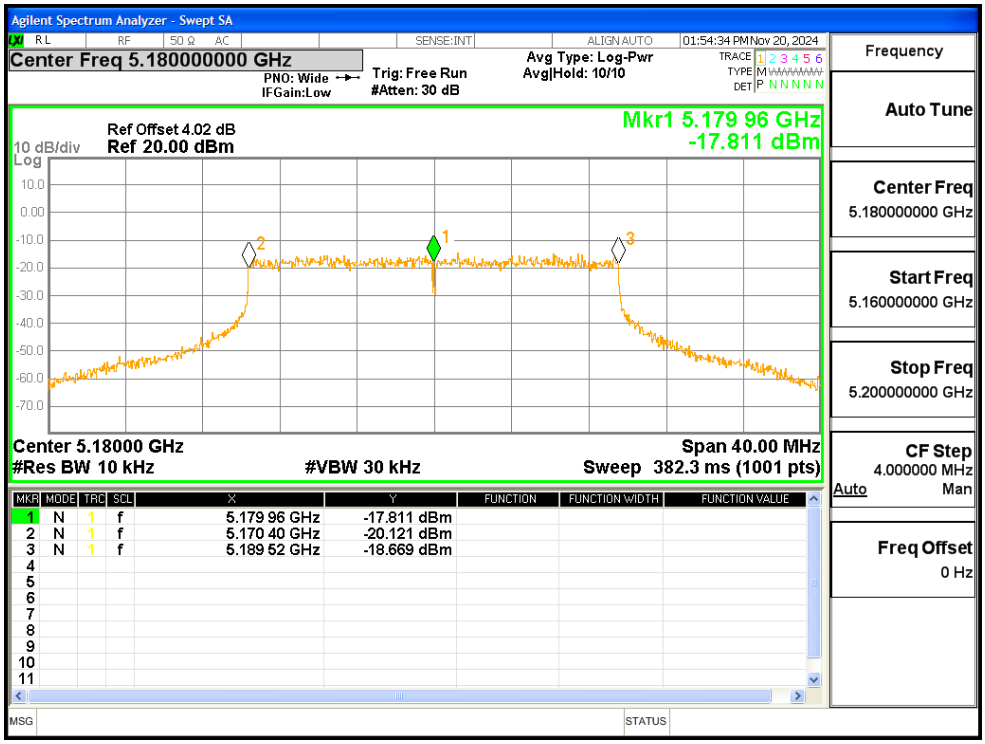
Freq. Stability NVNT ac40 5190MHz Ant1



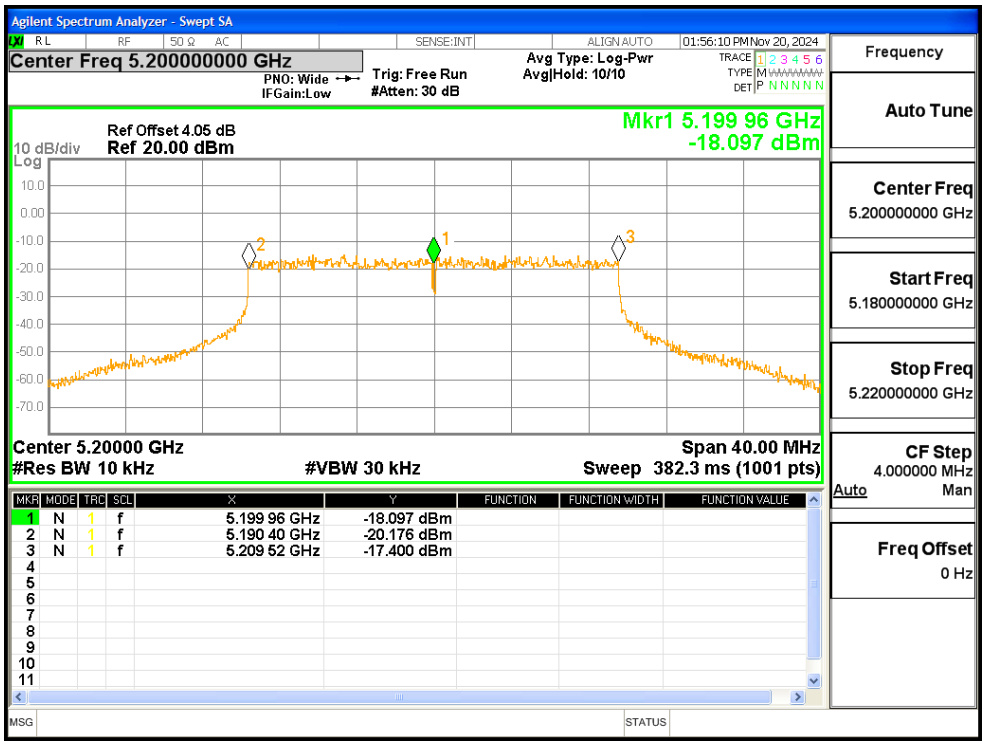
Freq. Stability NVNT ac40 5230MHz Ant1



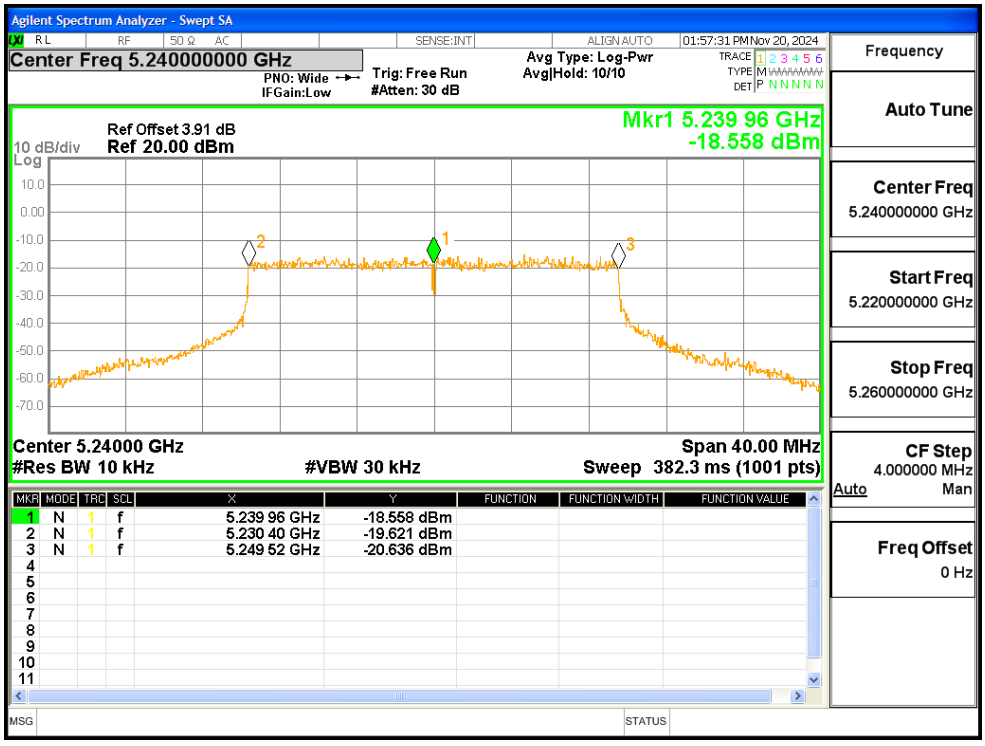
Freq. Stability NVNT ax20 5180MHz Ant1



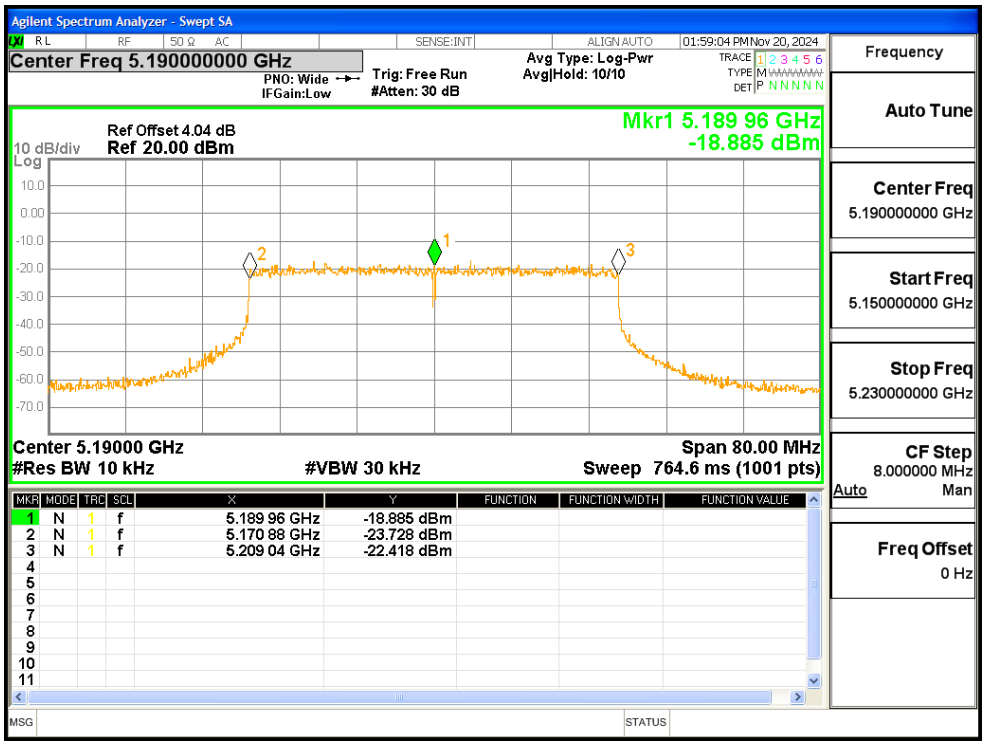
Freq. Stability NVNT ax20 5200MHz Ant1



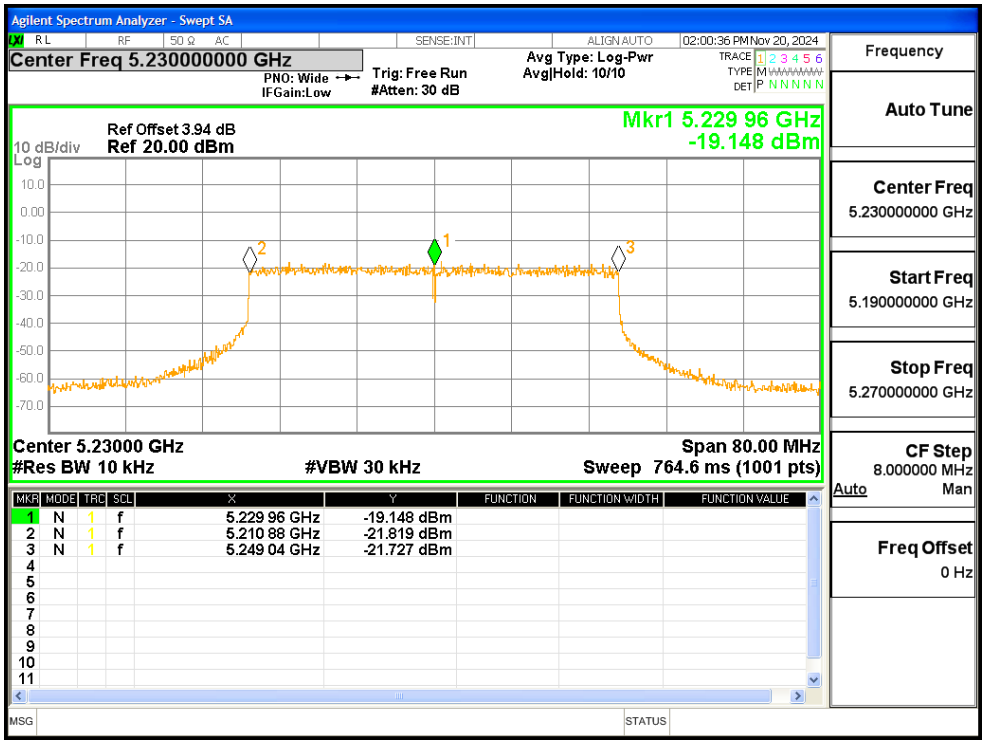
Freq. Stability NVNT ax20 5240MHz Ant1



Freq. Stability NVNT ax40 5190MHz Ant1



Freq. Stability NVNT ax40 5230MHz Ant1



Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-29.95	-27	Pass
		5200		-34.93	-27	Pass
		5240		-30.51	-27	Pass
	n20	5180		-30.06	-27	Pass
		5200		-31.12	-27	Pass
		5240		-31.05	-27	Pass
	n40	5190		-29.63	-27	Pass
		5230		-29.65	-27	Pass
	ac20	5180		-31.11	-27	Pass
		5200		-30.84	-27	Pass
		5240		-31.12	-27	Pass
	ac40	5190		-29.89	-27	Pass
		5230		-30.07	-27	Pass
	ax20	5180		-30.37	-27	Pass
		5200		-30.08	-27	Pass
		5240		-30.5	-27	Pass
	ax40	5190		-29.85	-27	Pass
		5230		-30.84	-27	Pass

Note:1. The antenna gain is compensated in the test data.

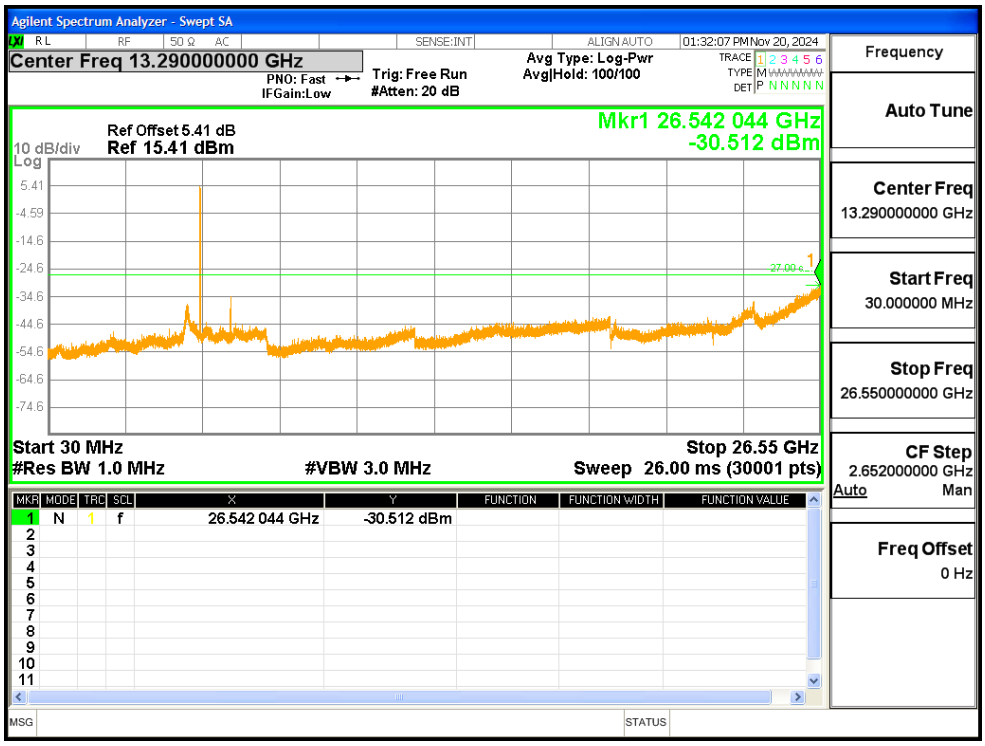
2. 26.5GHz-40GHz the Spurious leve margin is the largest, so the test data only reflects 30MHz-26.5GHz

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

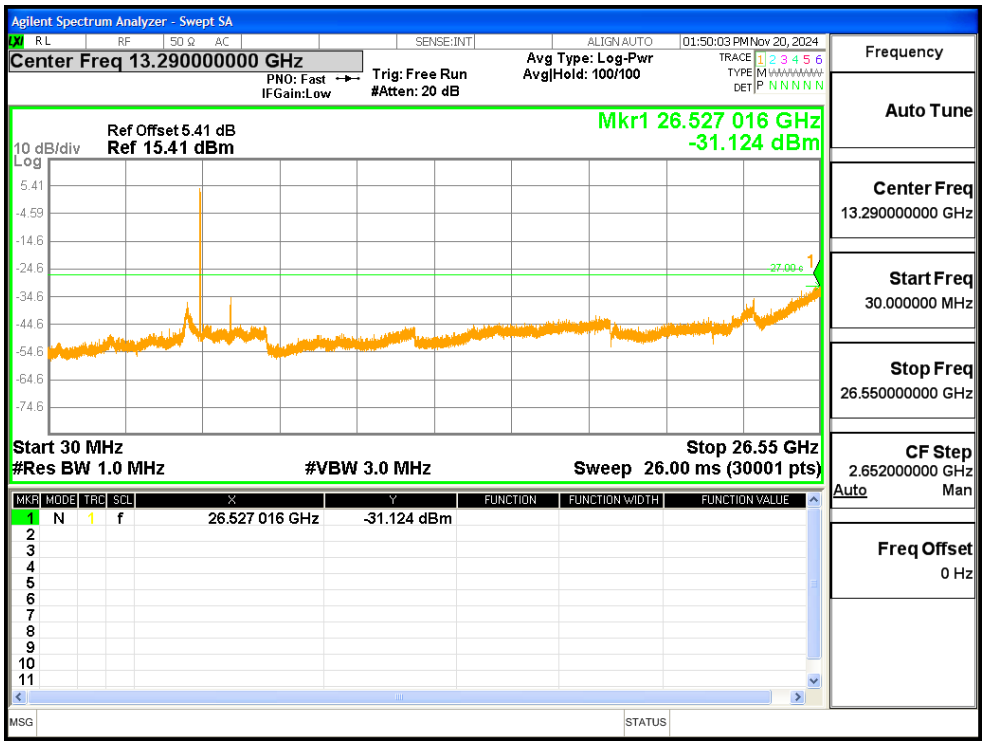
Tx. Spurious NVNT n40 5190MHz Ant1 Emission

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 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