

Duty Cycle

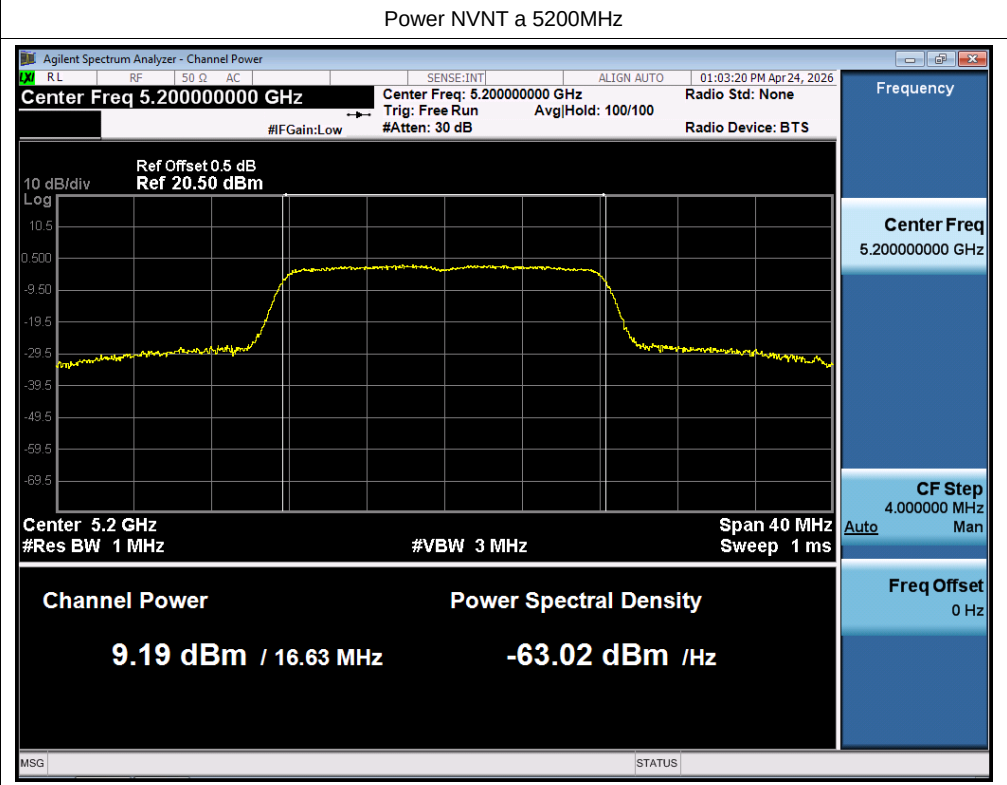
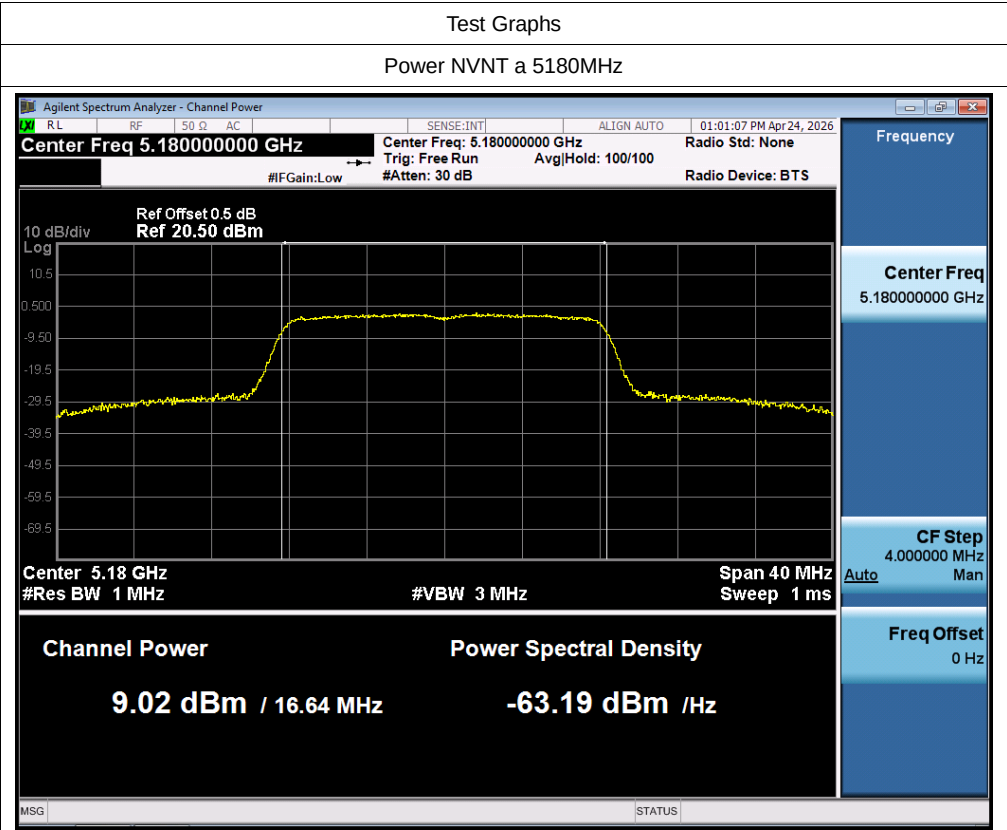
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	99.93	0
NVNT	n20	5180	99.31	0
NVNT	n40	5190	98.28	0



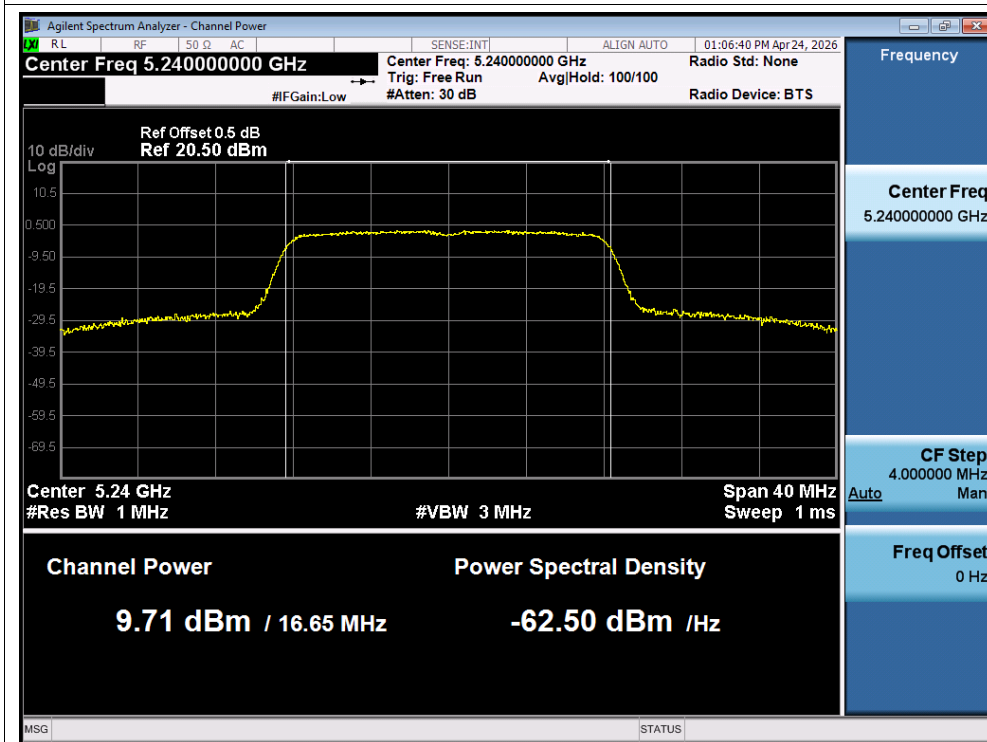
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	9.02	0	9.02	24	Pass
NVNT	a	5200	9.19	0	9.19	24	Pass
NVNT	a	5240	9.71	0	9.71	24	Pass
NVNT	n20	5180	8.44	0	8.44	24	Pass
NVNT	n20	5200	8.61	0	8.61	24	Pass
NVNT	n20	5240	9.25	0	9.25	24	Pass
NVNT	n40	5190	7.51	0	7.51	24	Pass
NVNT	n40	5230	8.04	0	8.04	24	Pass

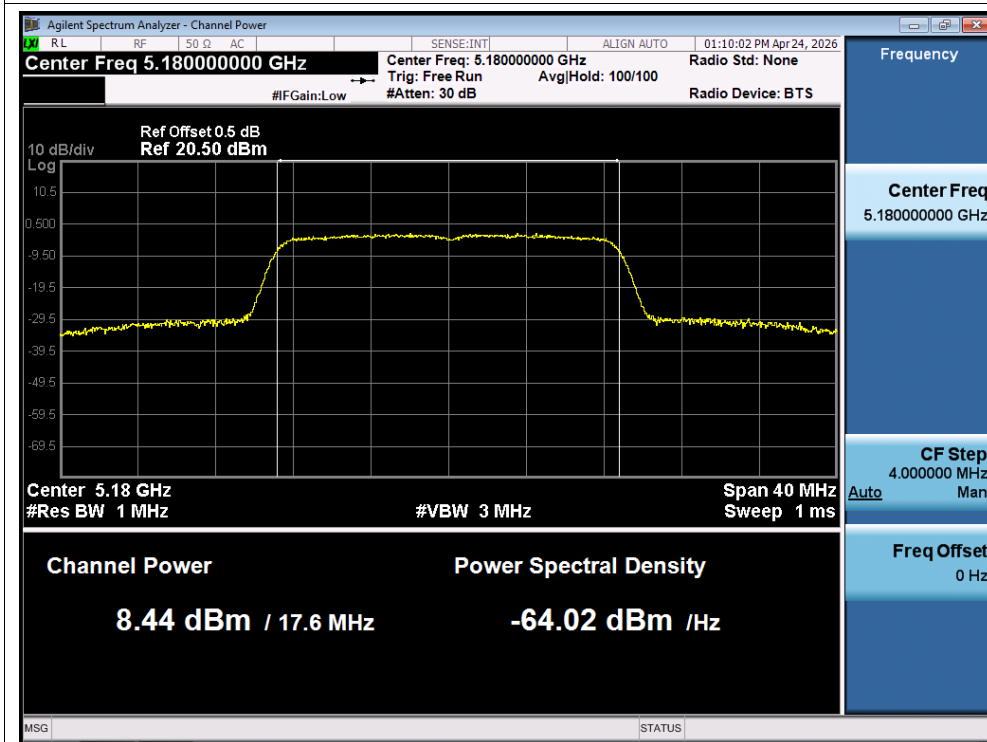
Note: detector = power averaging (rms)

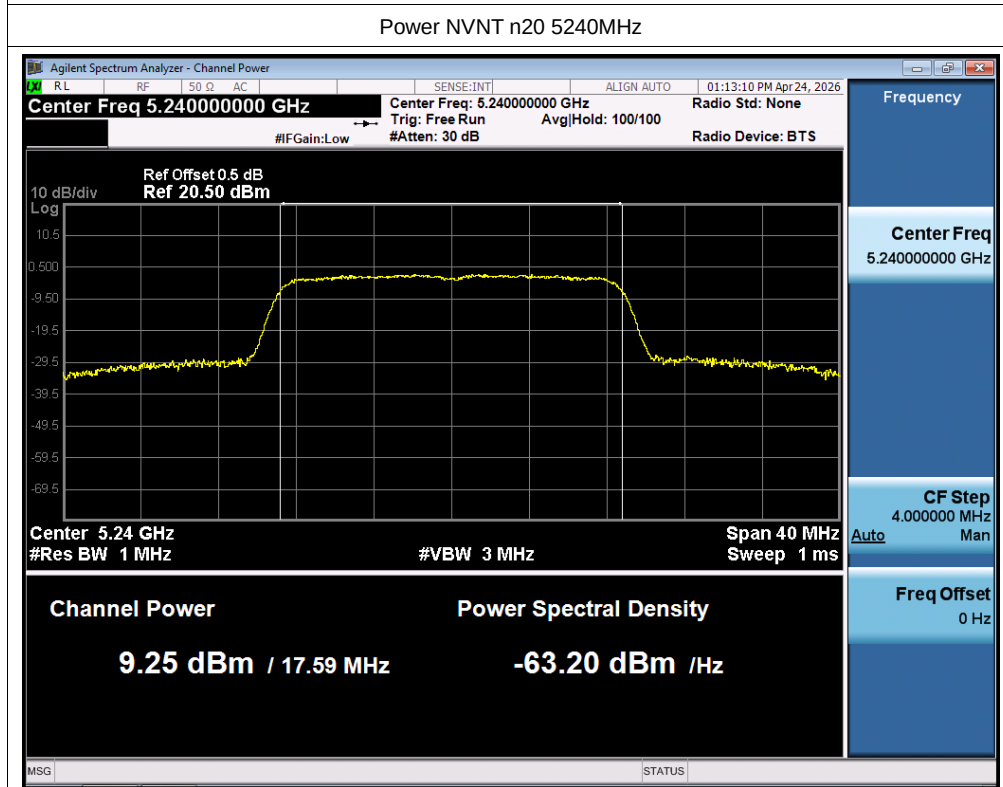
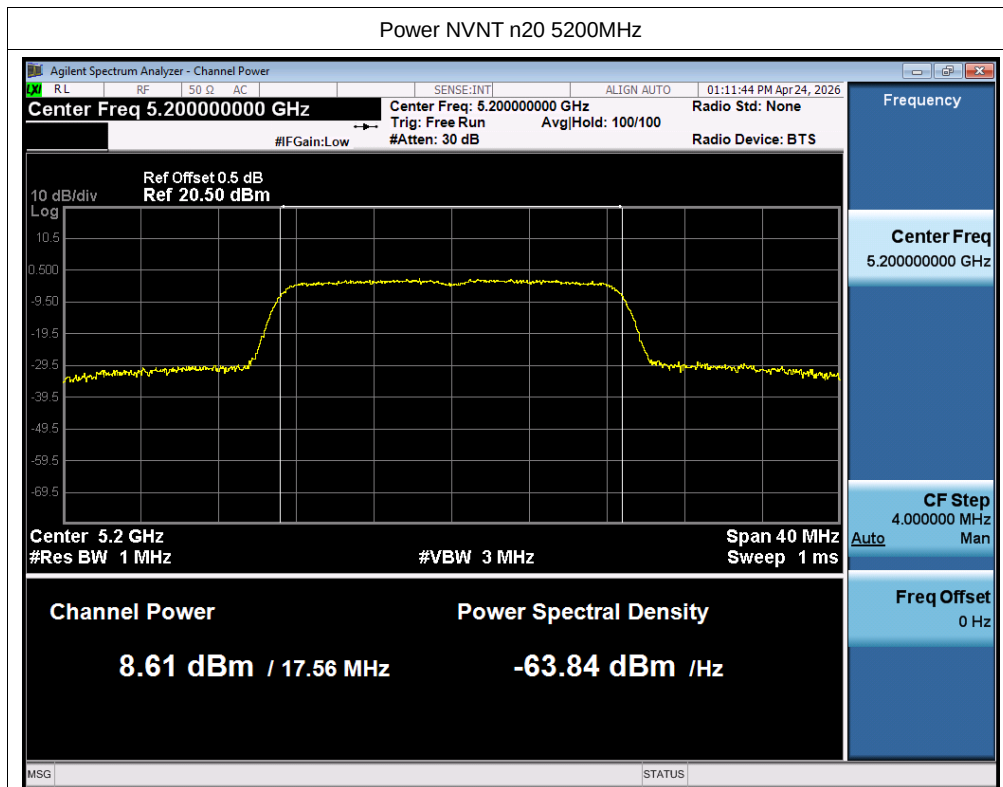


Power NVNT a 5240MHz

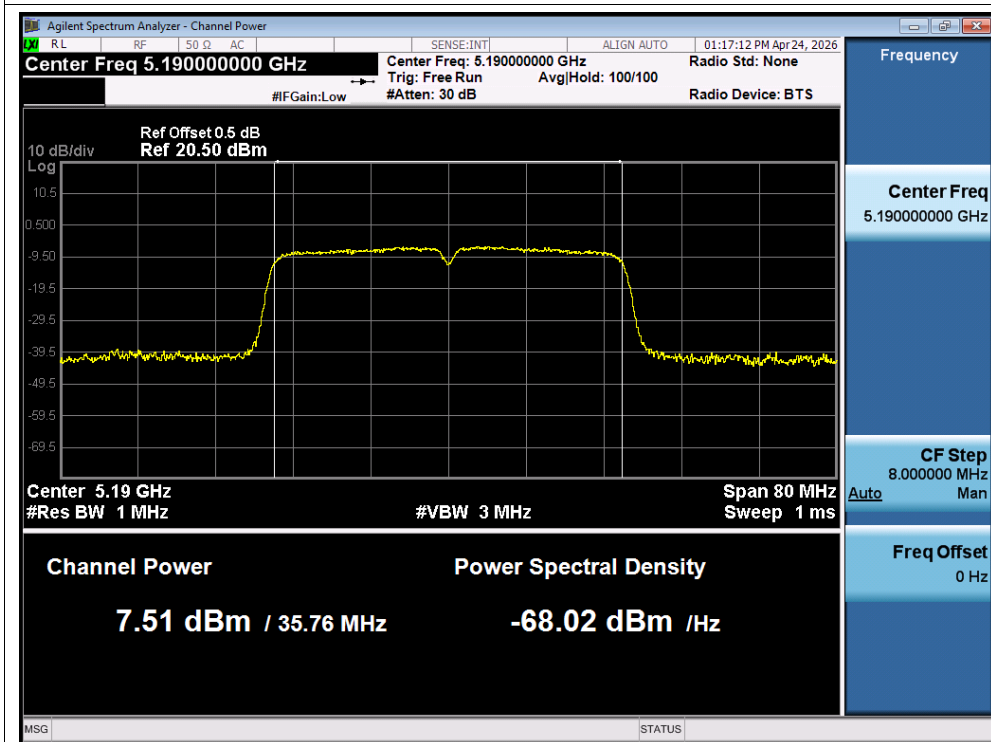


Power NVNT n20 5180MHz

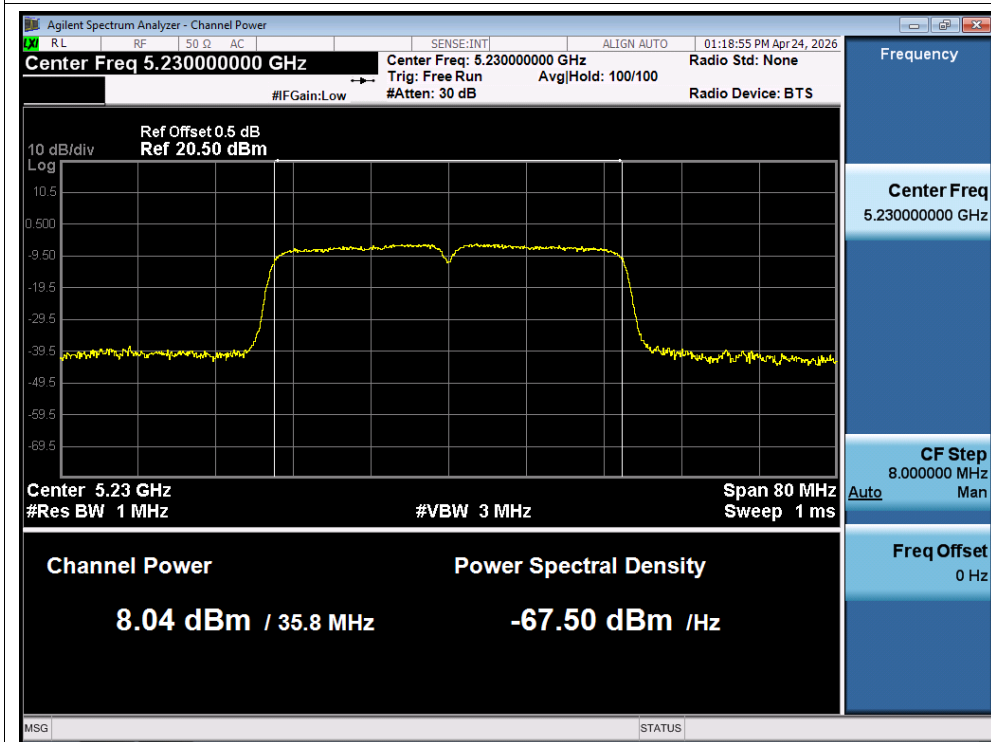




Power NVNT n40 5190MHz



Power NVNT n40 5230MHz

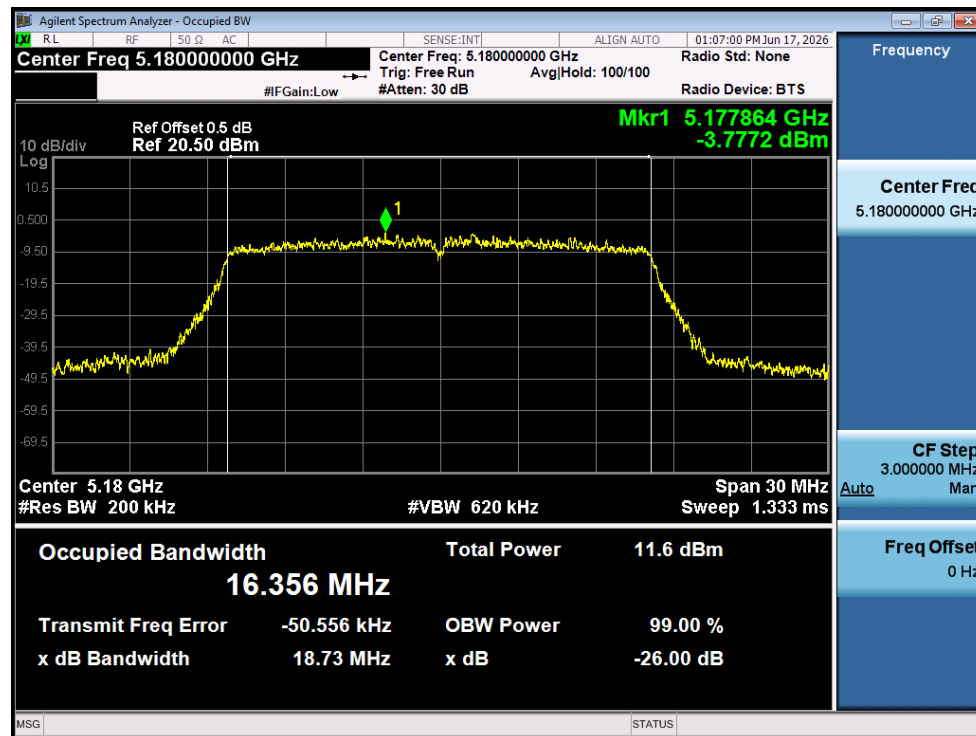


-26dB Bandwidth

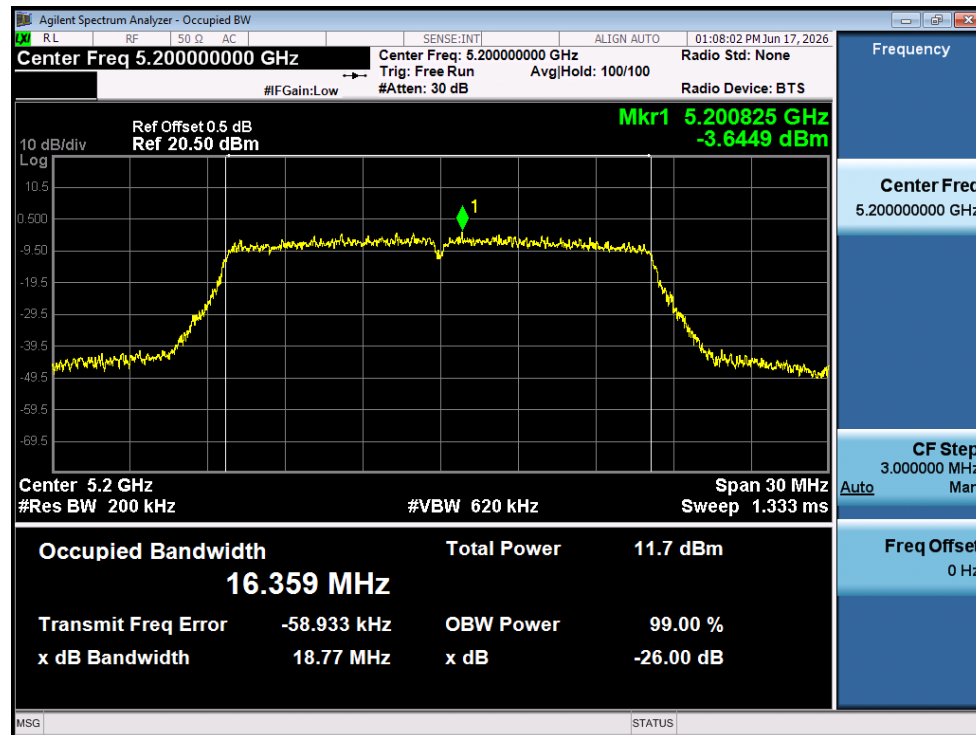
Condition	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	18.729	Pass
NVNT	a	5200	18.767	Pass
NVNT	a	5240	18.575	Pass
NVNT	n20	5180	19.487	Pass
NVNT	n20	5200	19.685	Pass
NVNT	n20	5240	19.417	Pass
NVNT	n40	5190	38.828	Pass
NVNT	n40	5230	38.454	Pass

Test Graphs

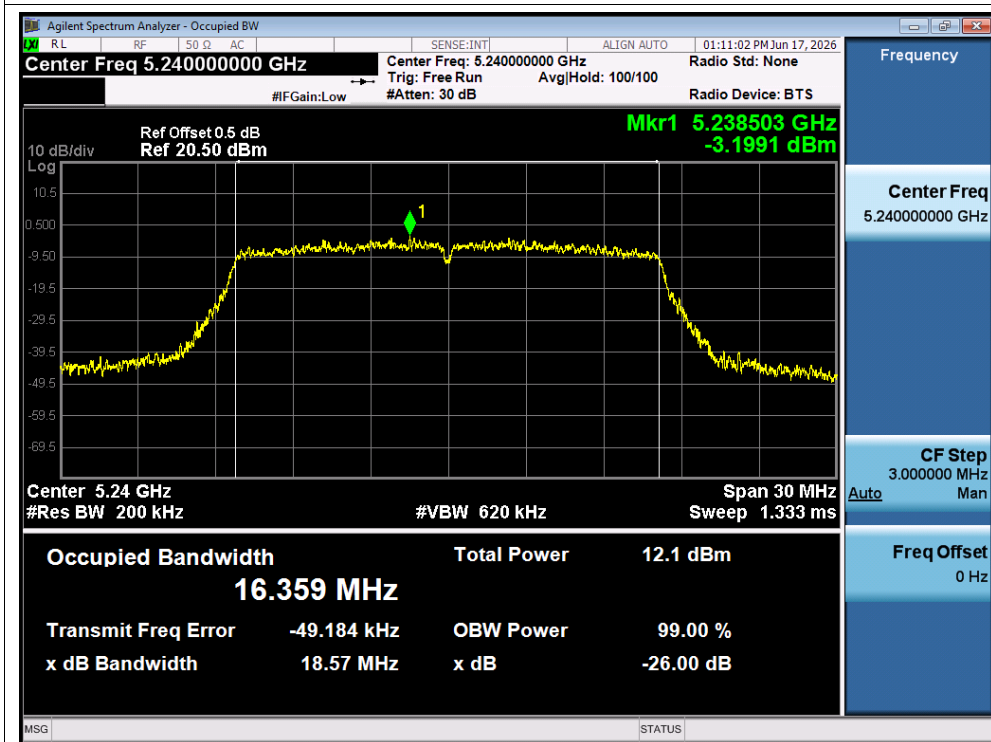
-26dB Bandwidth NVNT a 5180MHz



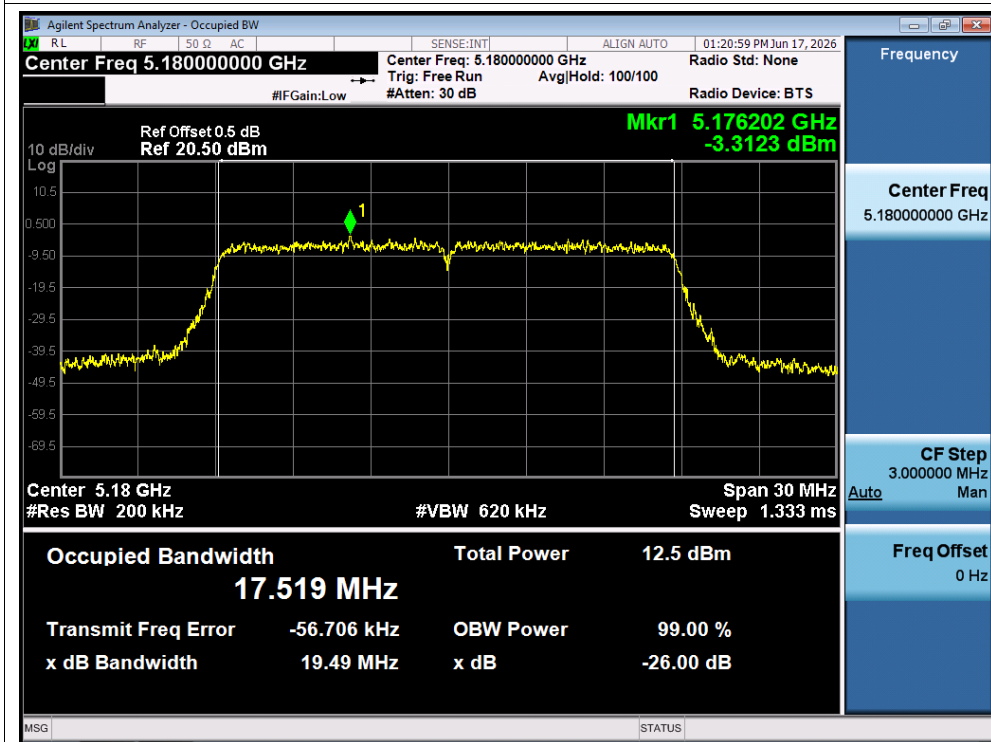
-26dB Bandwidth NVNT a 5200MHz



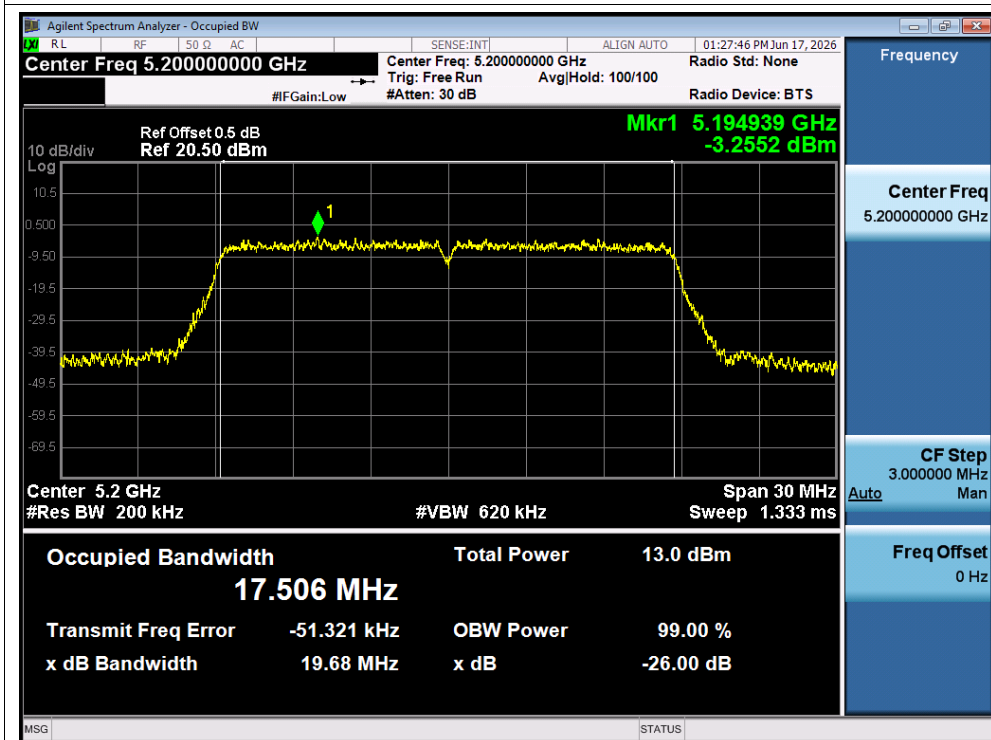
-26dB Bandwidth NVNT a 5240MHz



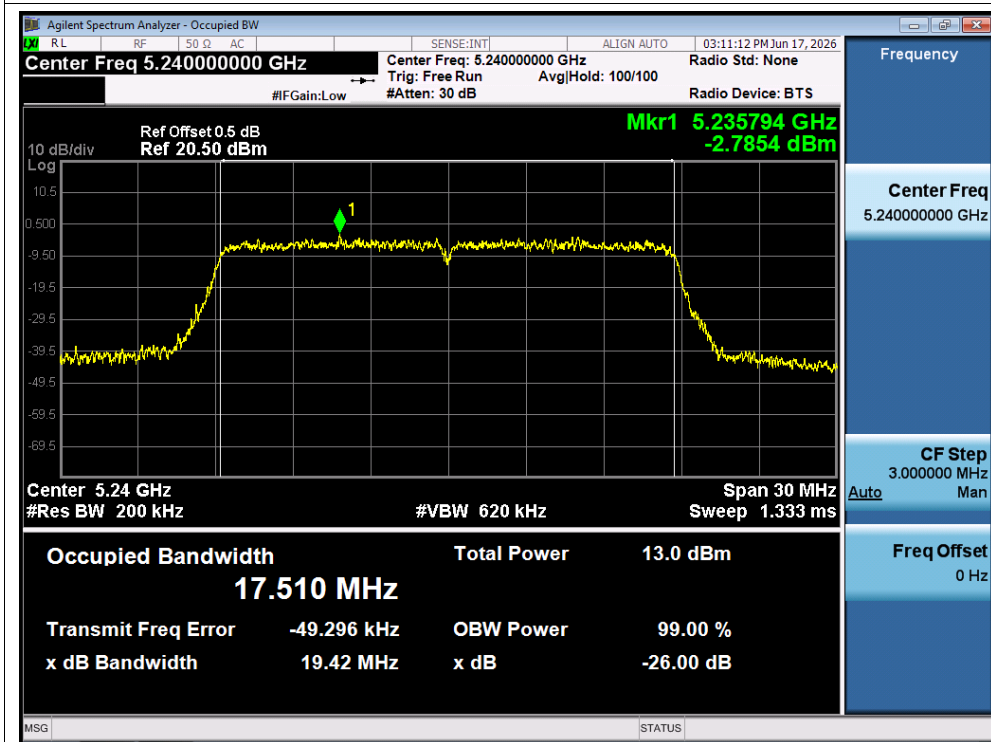
-26dB Bandwidth NVNT n20 5180MHz



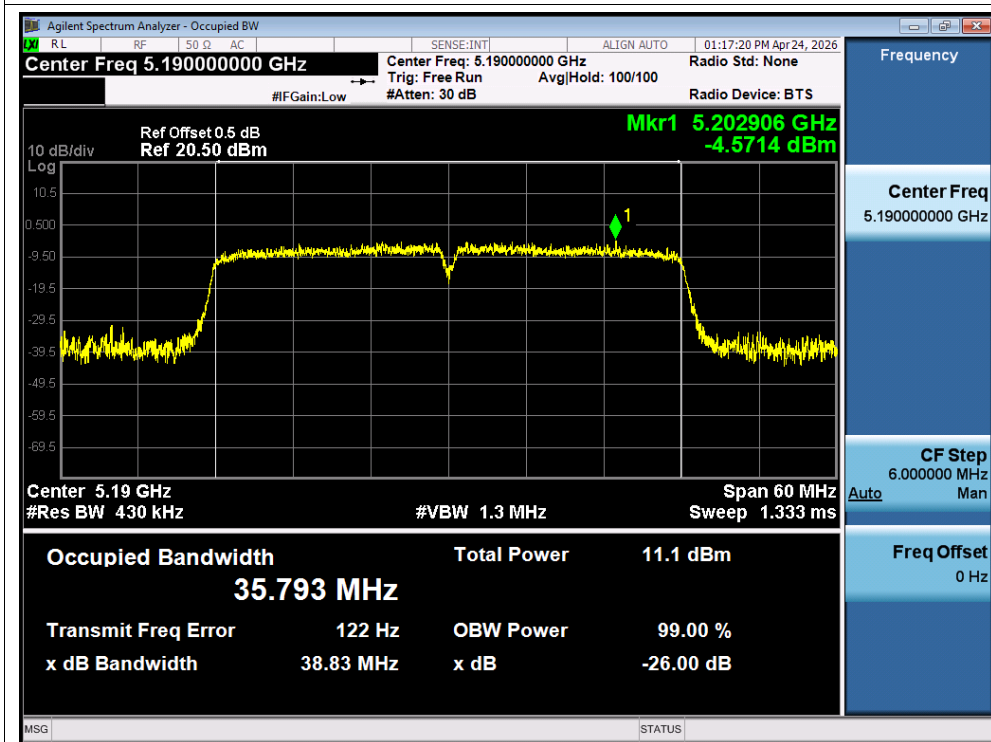
-26dB Bandwidth NVNT n20 5200MHz



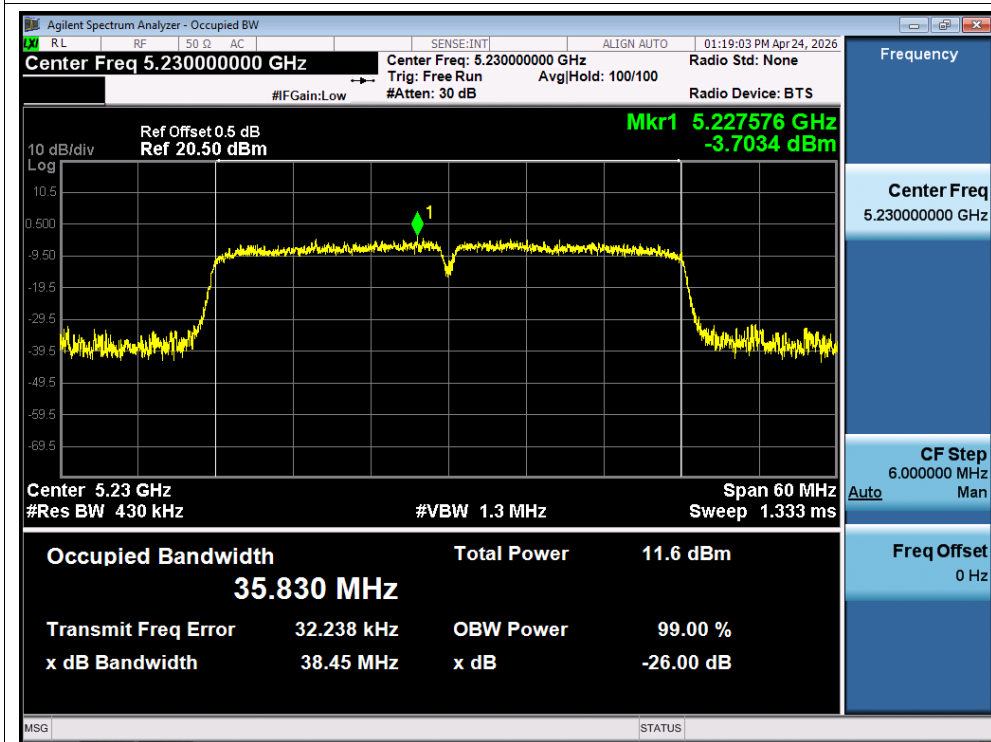
-26dB Bandwidth NVNT n20 5240MHz



-26dB Bandwidth NVNT n40 5190MHz



-26dB Bandwidth NVNT n40 5230MHz

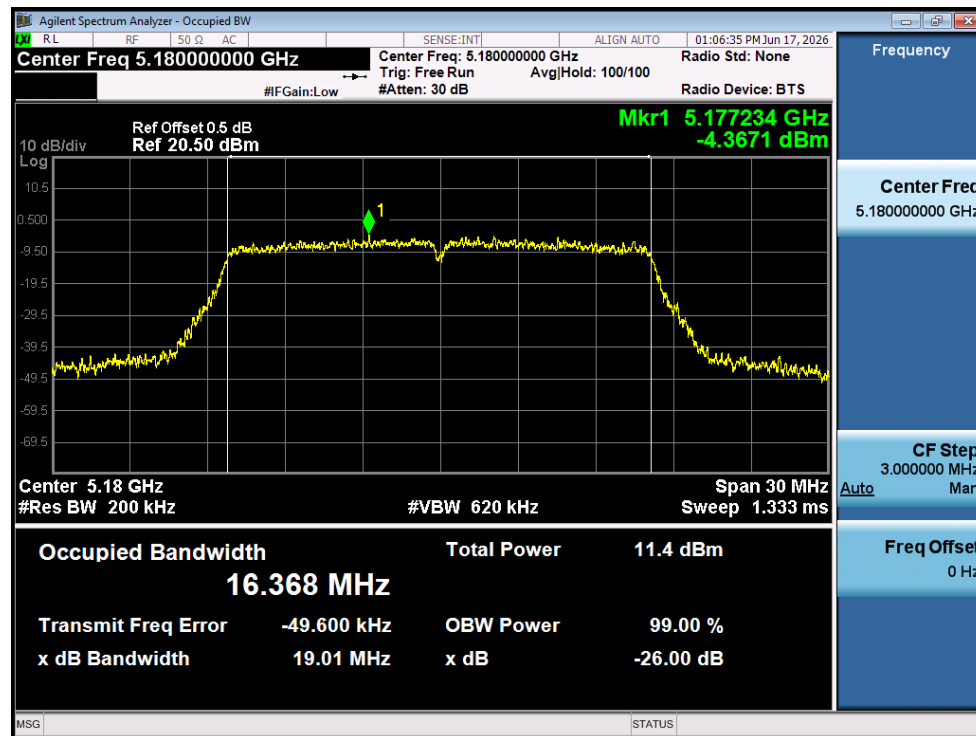


Occupied Channel Bandwidth

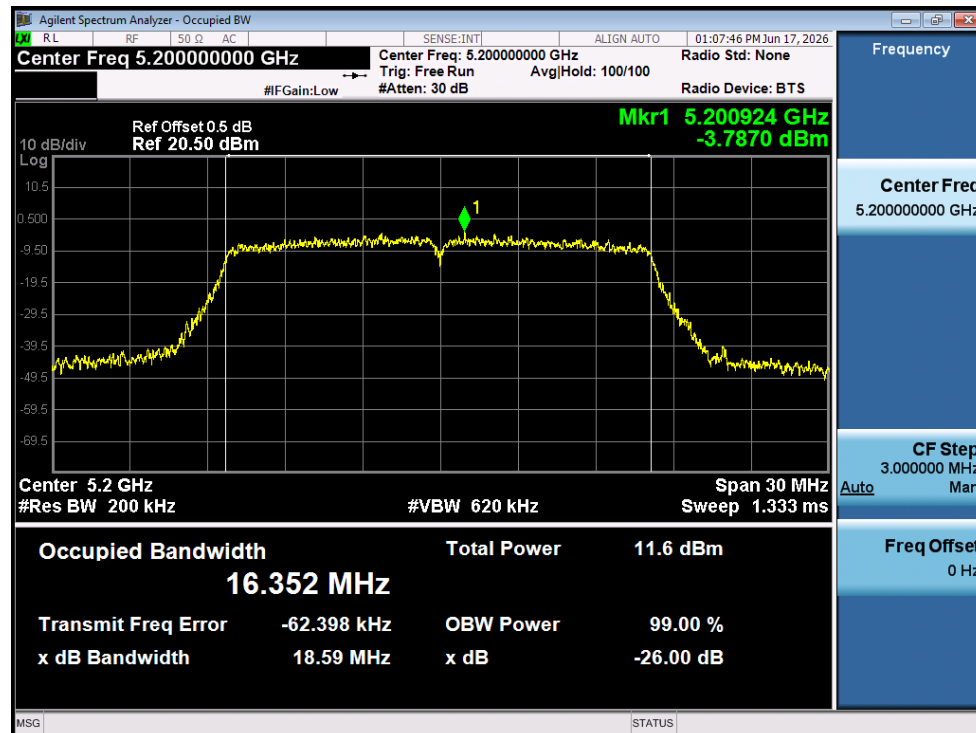
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5180	16.368
NVNT	a	5200	16.352
NVNT	a	5240	16.359
NVNT	n20	5180	17.533
NVNT	n20	5200	17.528
NVNT	n20	5240	17.371
NVNT	n40	5190	35.756
NVNT	n40	5230	35.804

Test Graphs

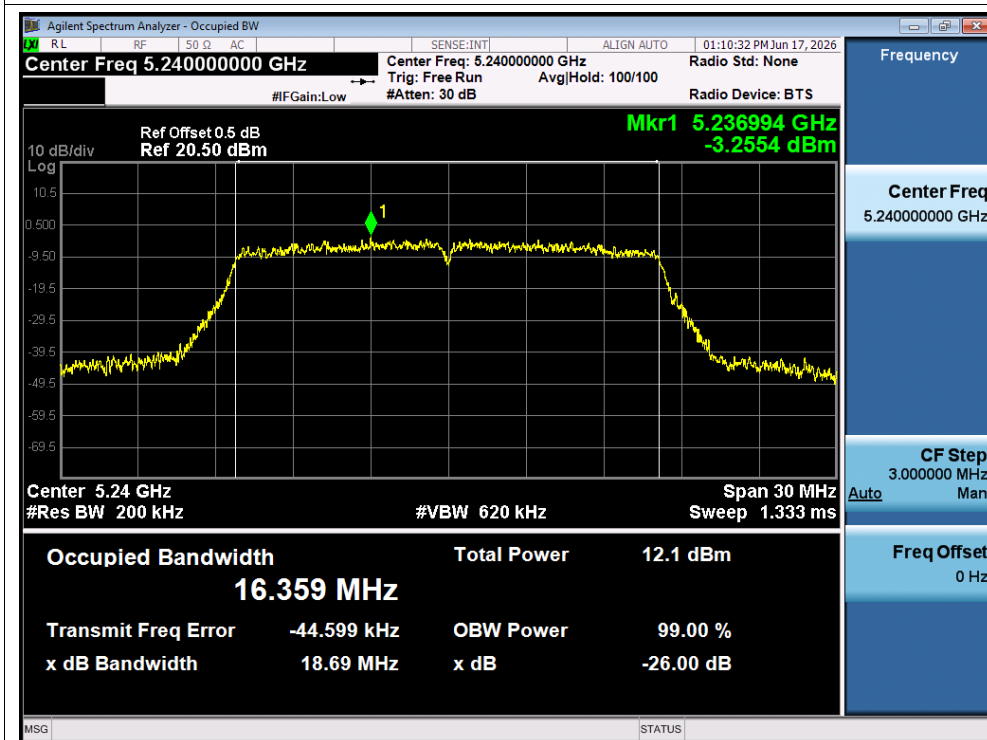
OBW NVNT a 5180MHz



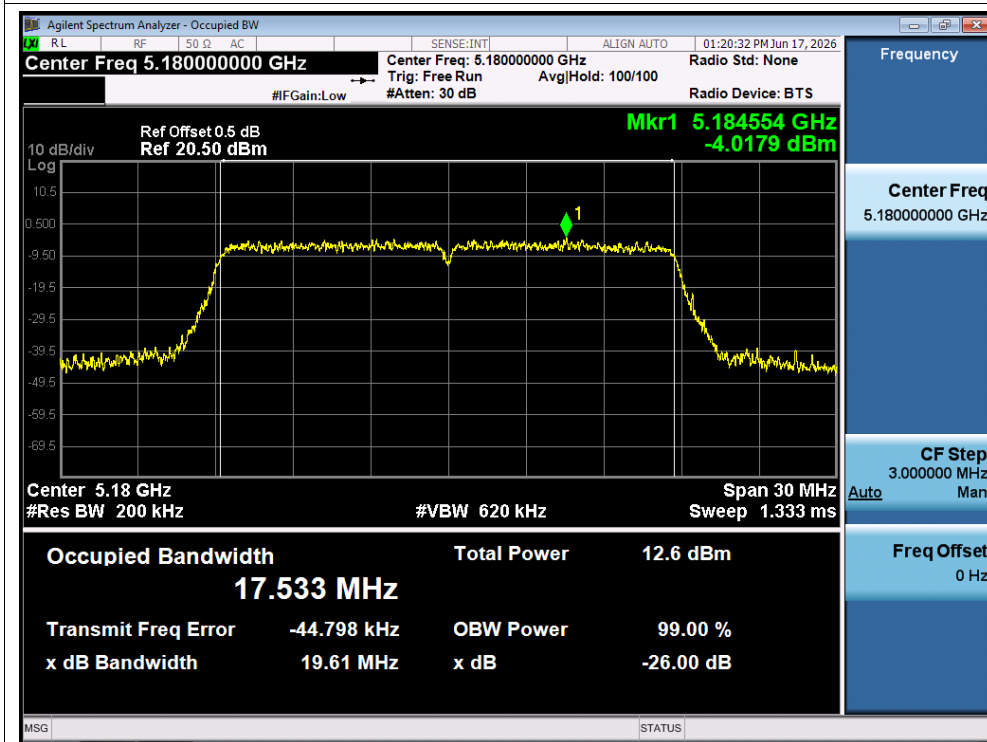
OBW NVNT a 5200MHz



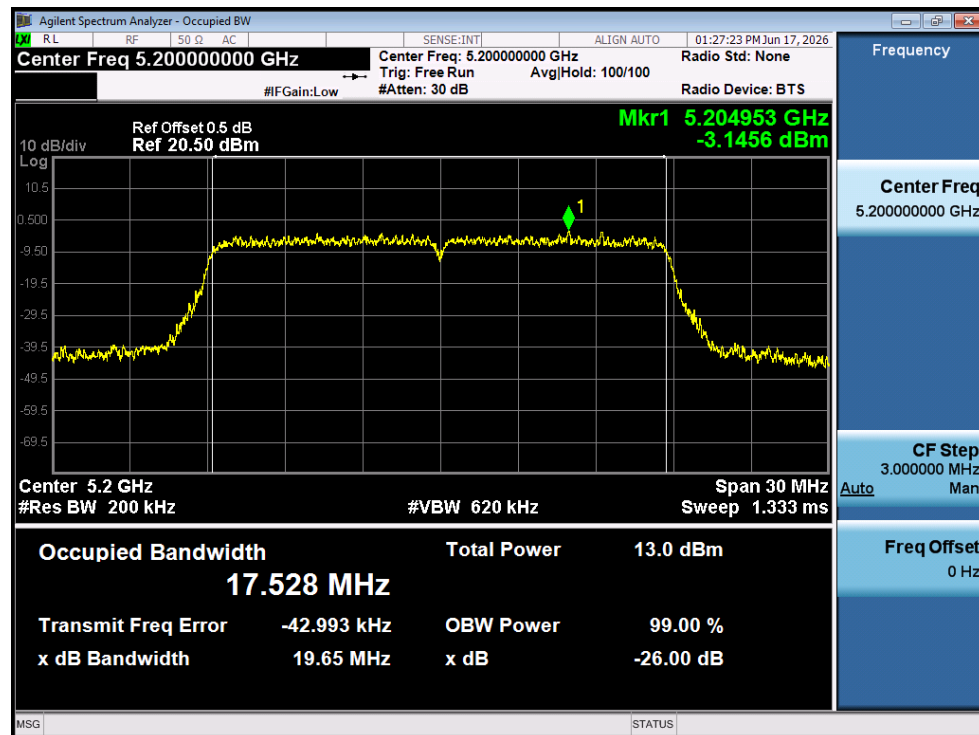
OBW NVNT a 5240MHz



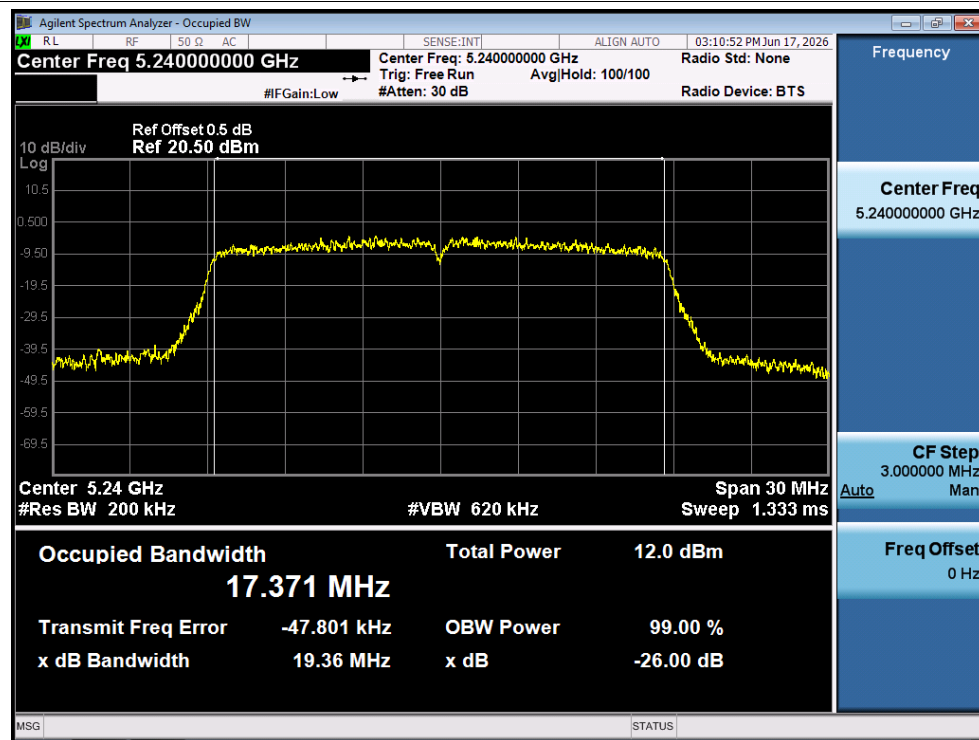
OBW NVNT n20 5180MHz



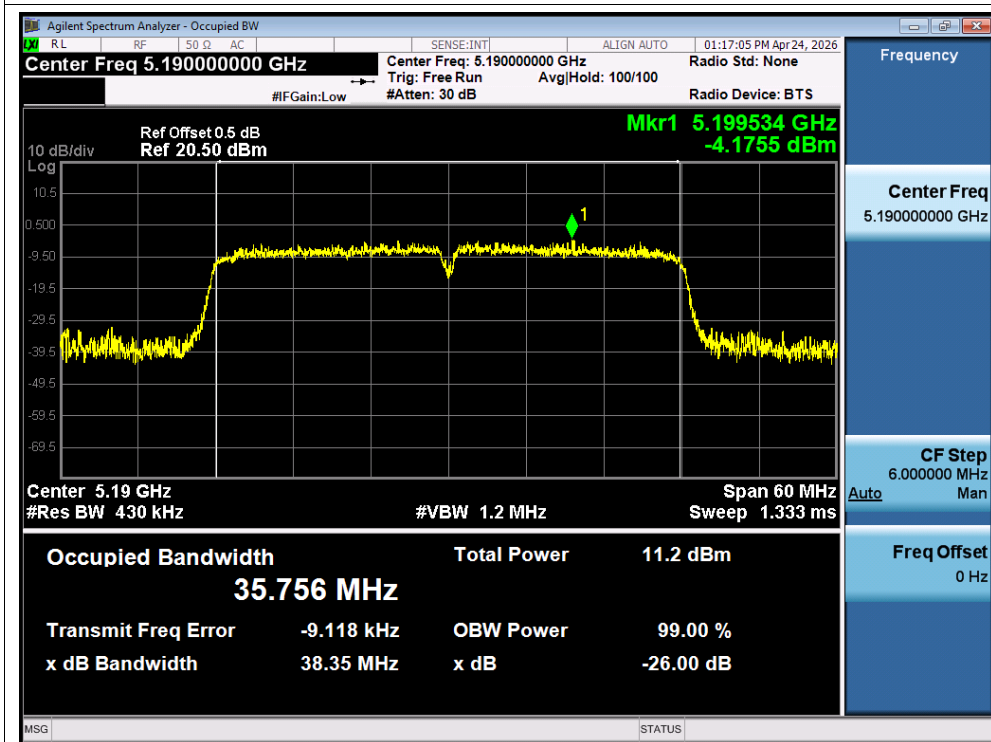
OBW NVNT n20 5200MHz



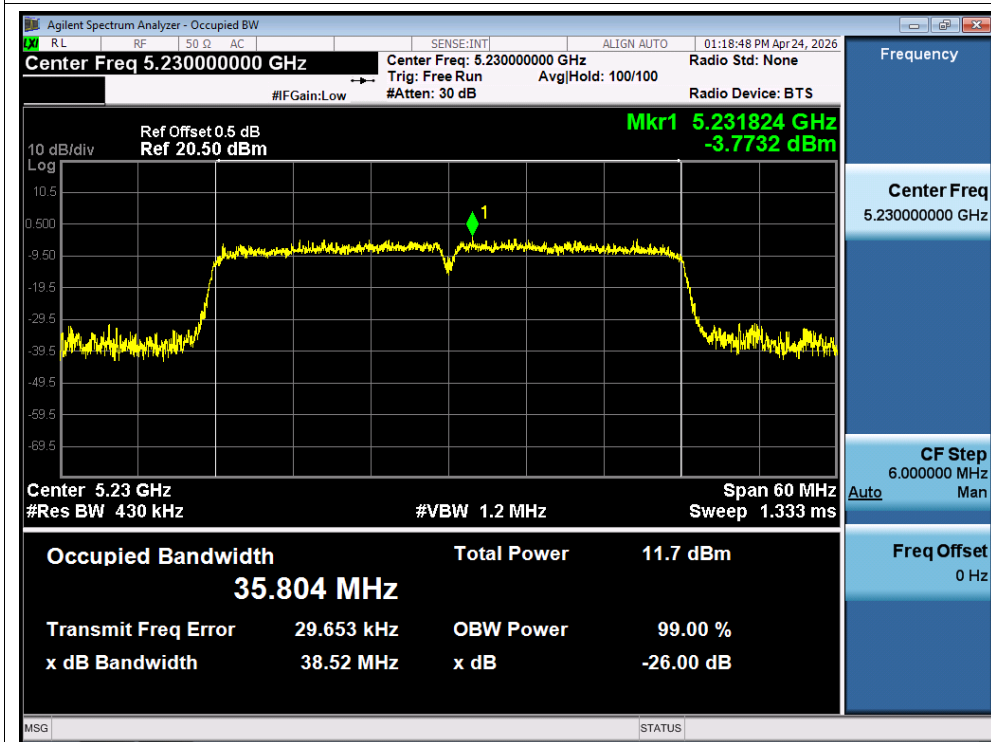
OBW NVNT n20 5240MHz



OBW NVNT n40 5190MHz



OBW NVNT n40 5230MHz



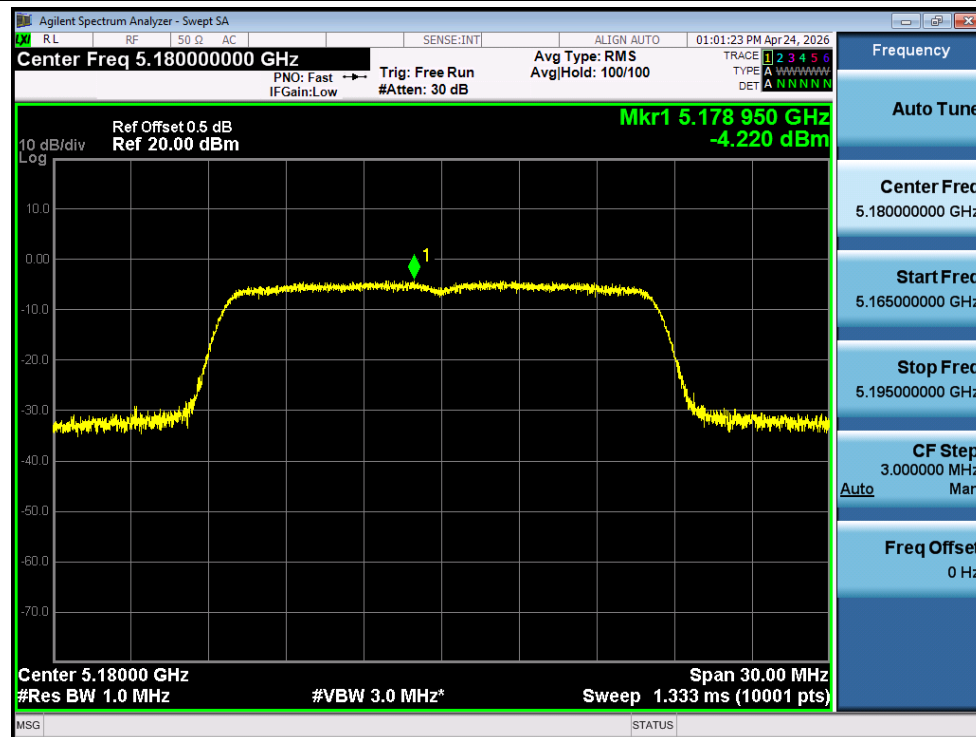
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	-4.22	11	Pass
NVNT	a	5200	-3.8	11	Pass
NVNT	a	5240	-3.24	11	Pass
NVNT	n20	5180	-4.99	11	Pass
NVNT	n20	5200	-4.77	11	Pass
NVNT	n20	5240	-4.03	11	Pass
NVNT	n40	5190	-8.58	11	Pass
NVNT	n40	5230	-7.69	11	Pass

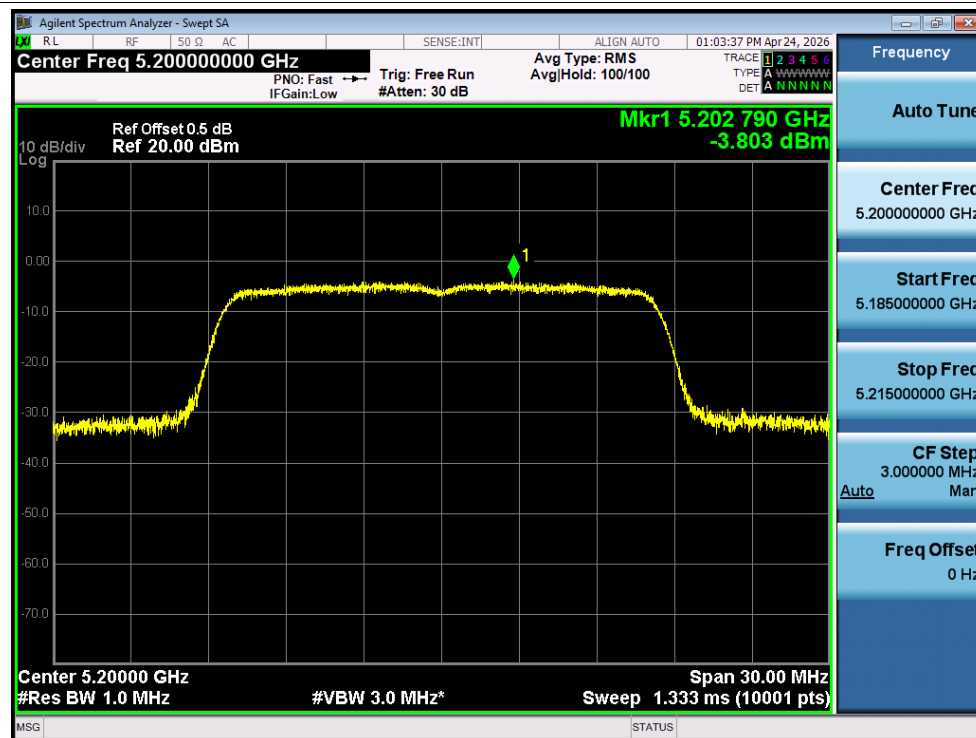
Note: detector = power averaging (rms)

Test Graphs

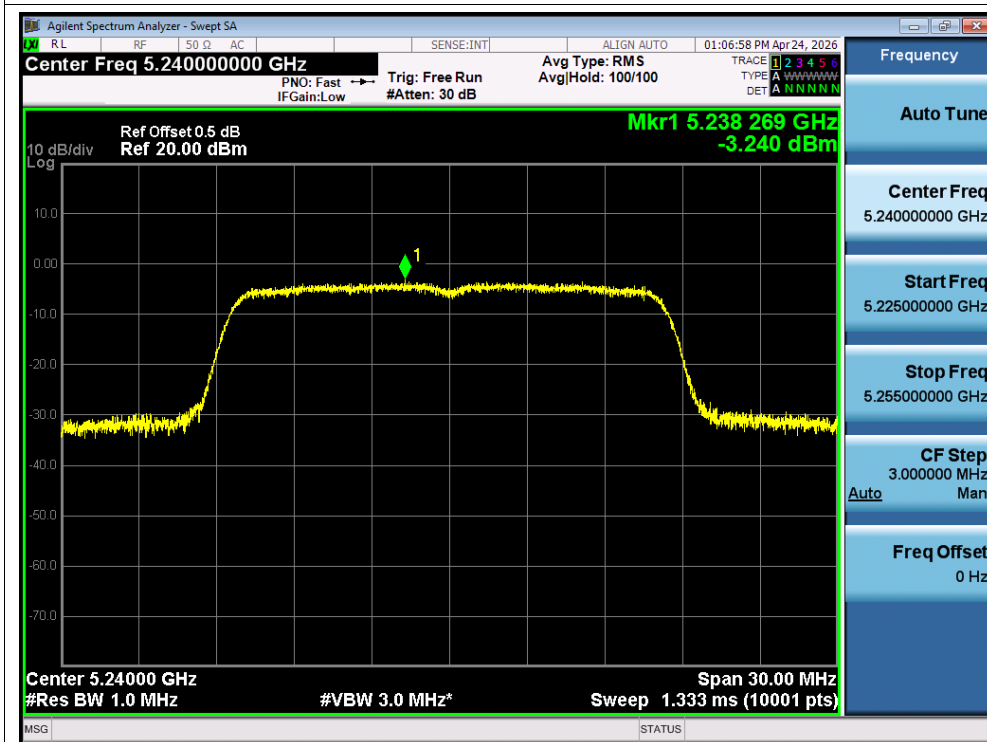
PSD NVNT a 5180MHz



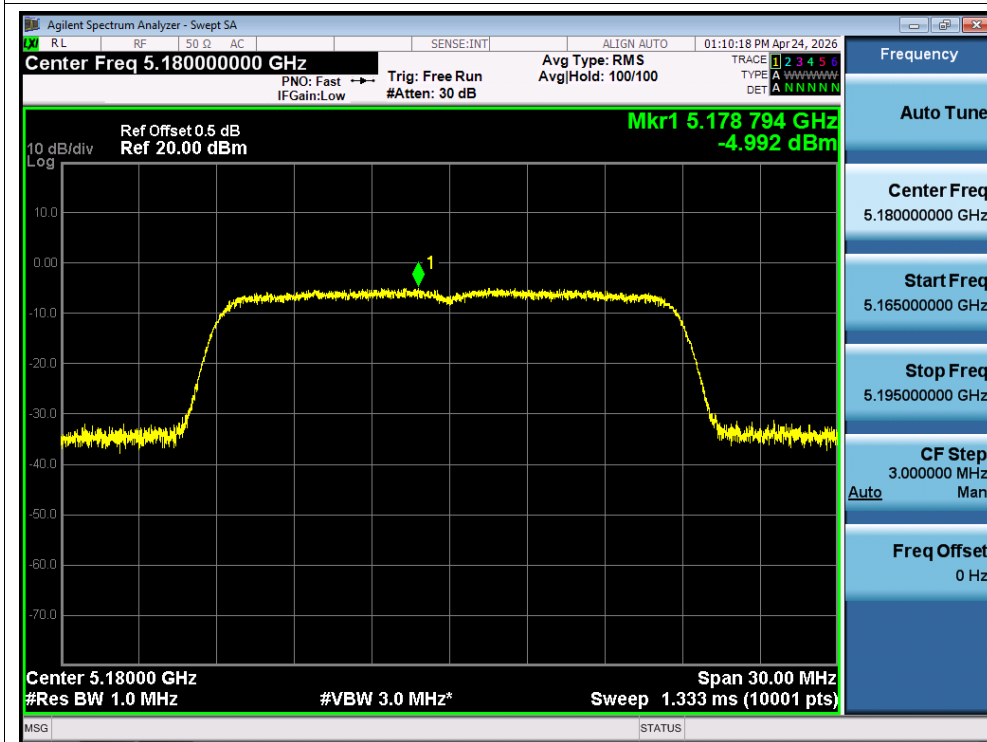
PSD NVNT a 5200MHz



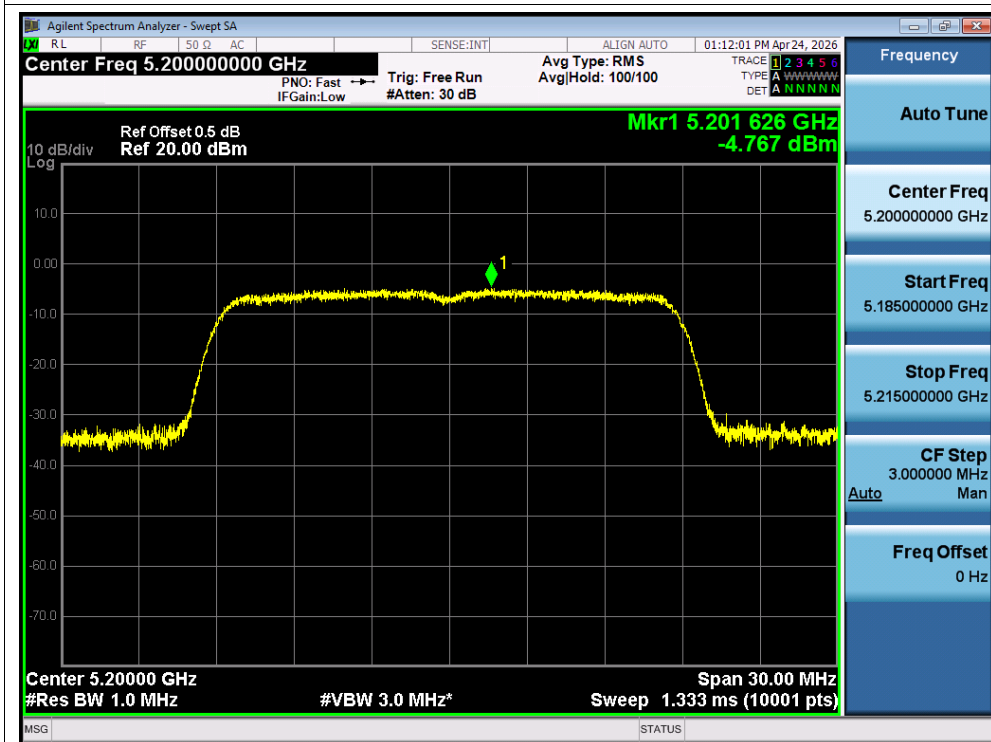
PSD NVNT a 5240MHz



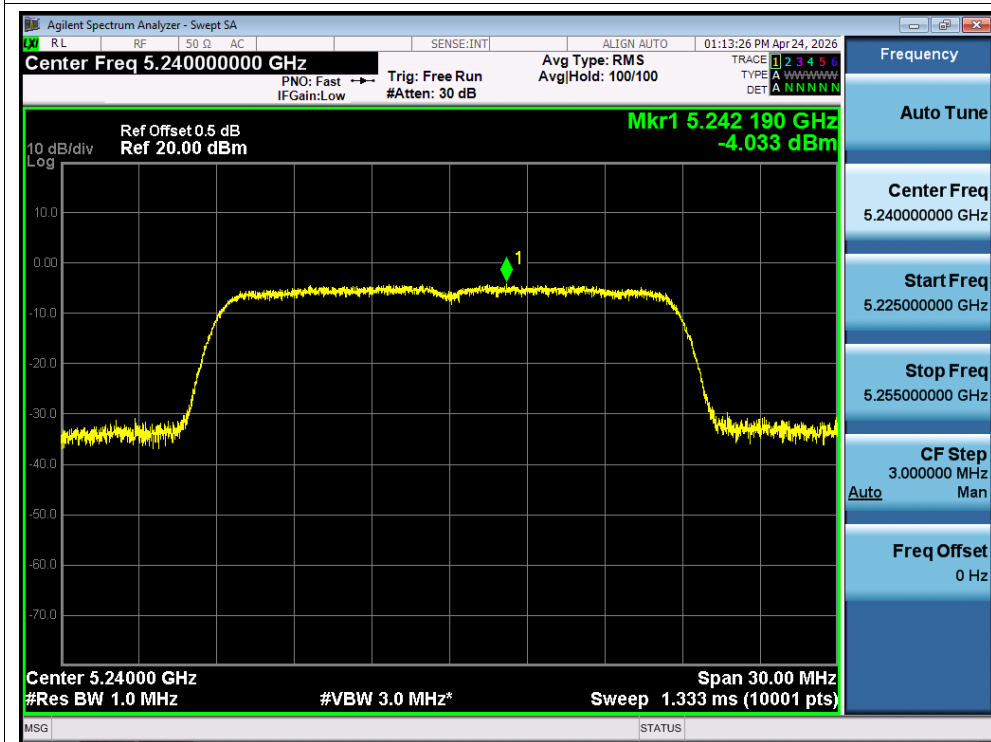
PSD NVNT n20 5180MHz



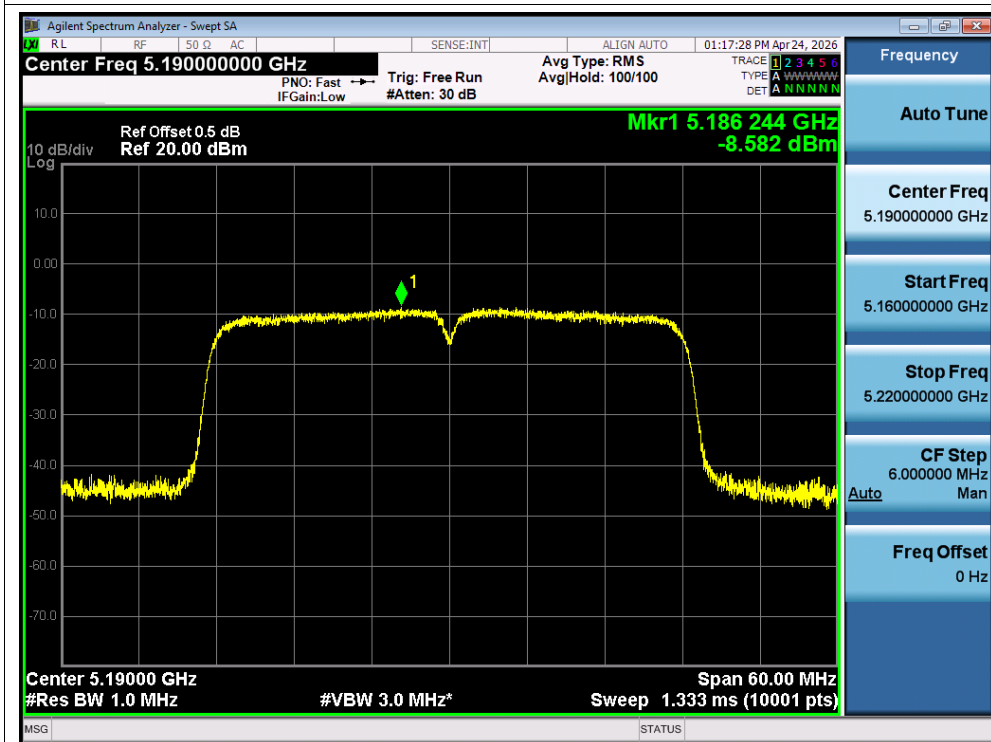
PSD NVNT n20 5200MHz



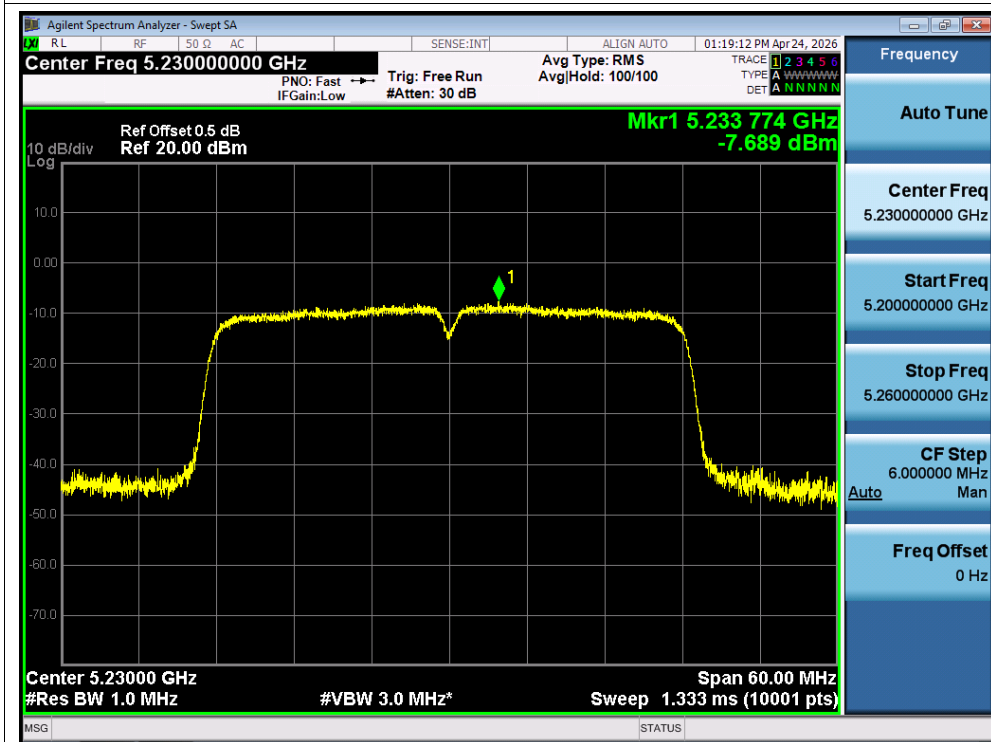
PSD NVNT n20 5240MHz



PSD NVNT n40 5190MHz



PSD NVNT n40 5230MHz

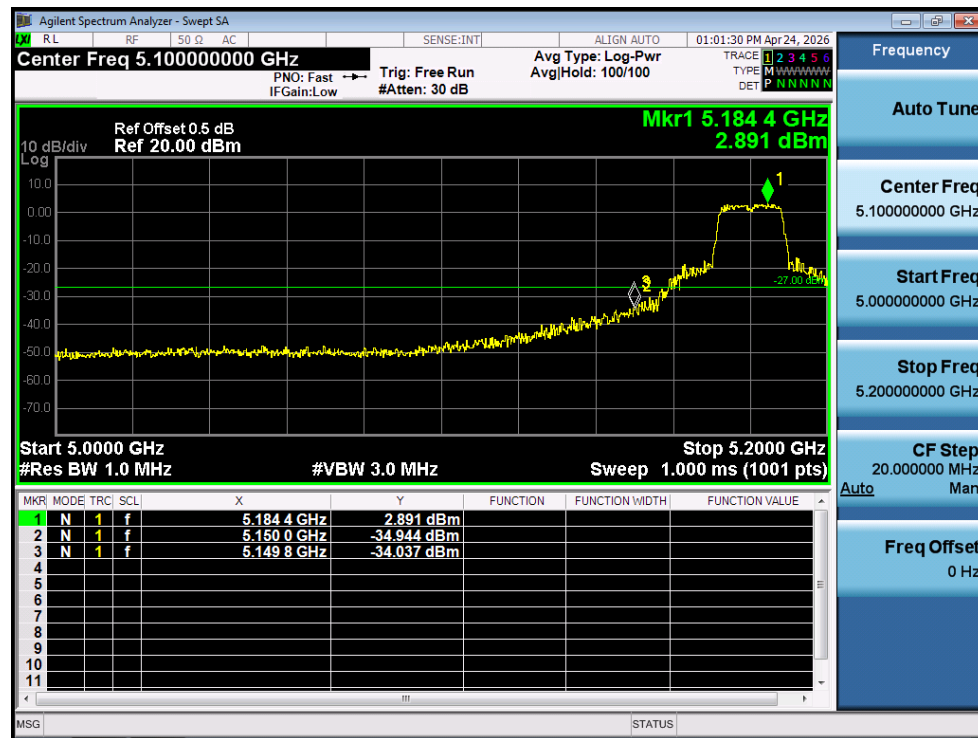


Band Edge

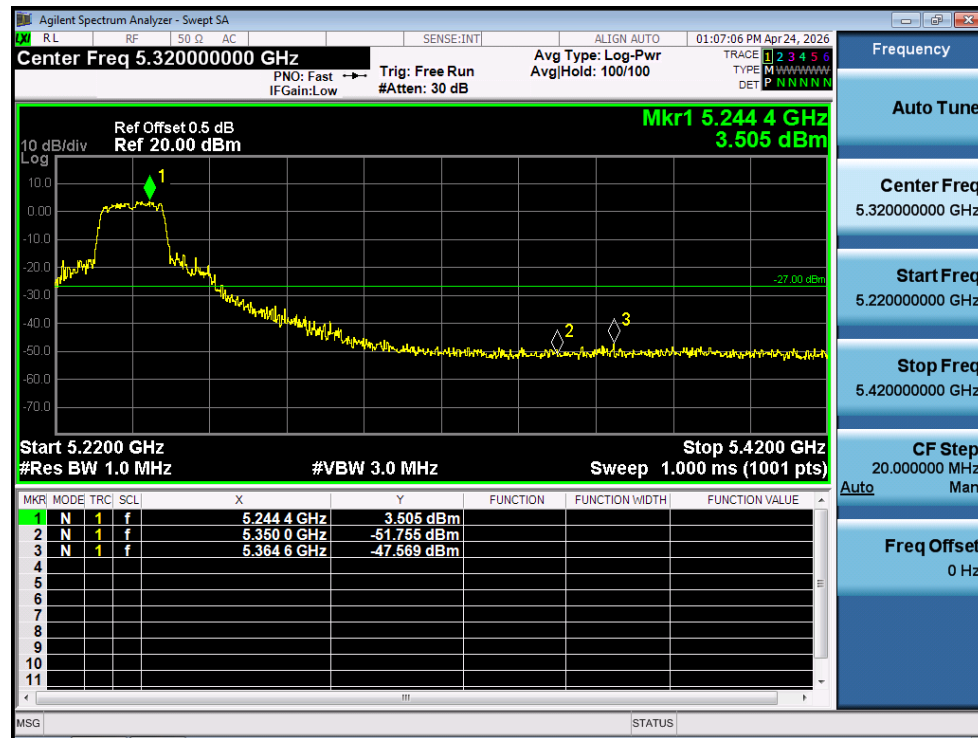
Condition	Mode	Frequency (MHz)	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	-34.03	-27	Pass
NVNT	a	5240	-47.56	-27	Pass
NVNT	n20	5180	-34.83	-27	Pass
NVNT	n20	5240	-48.61	-27	Pass
NVNT	n40	5190	-28.72	-27	Pass
NVNT	n40	5230	-48.73	-27	Pass

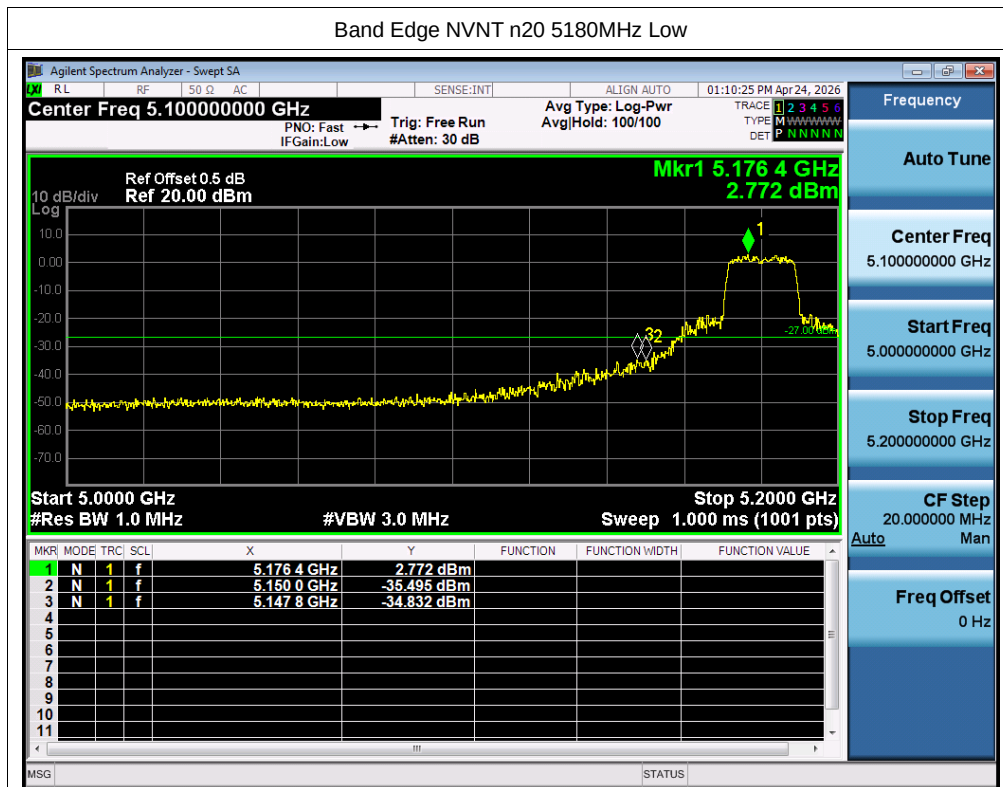
Test Graphs

Band Edge NVNT a 5180MHz Low

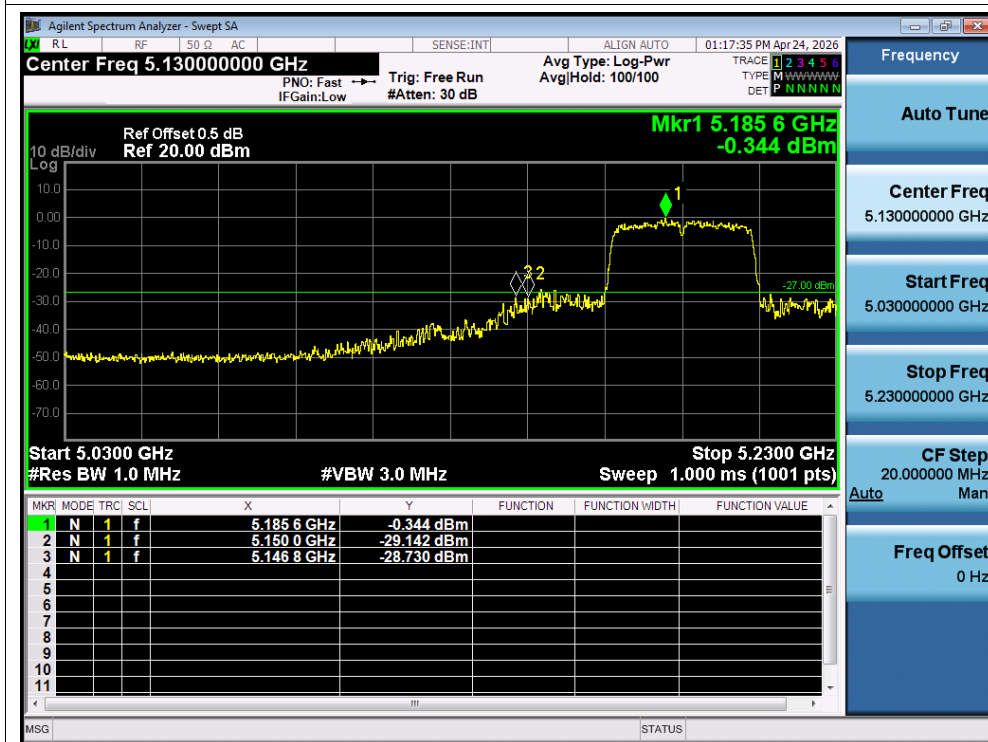


Band Edge NVNT a 5240MHz High

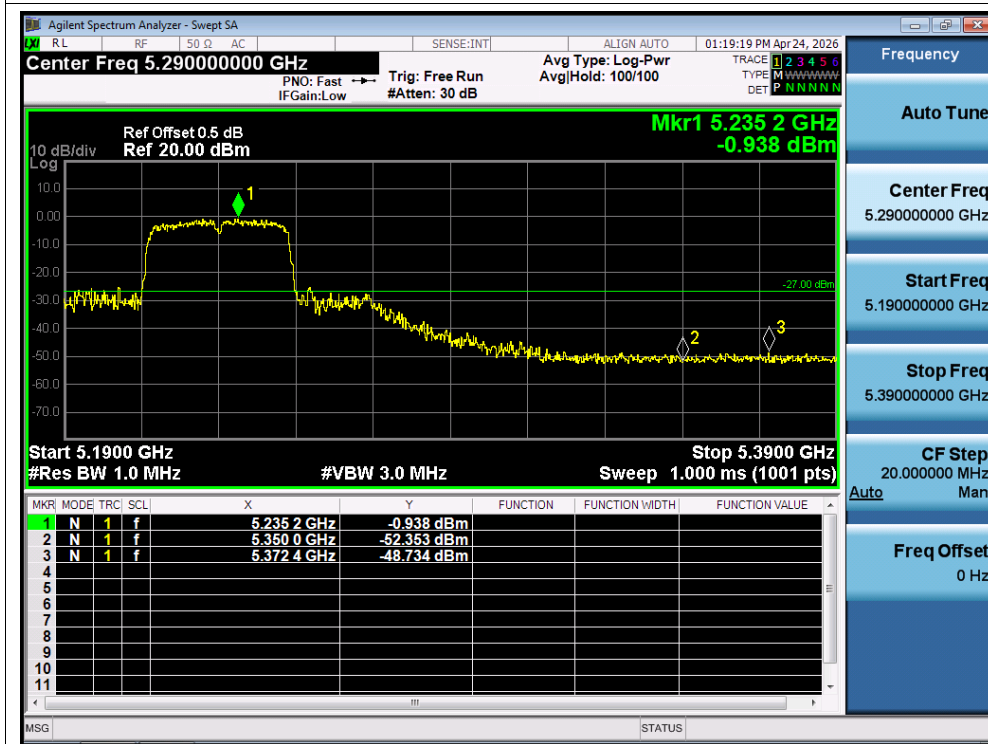




Band Edge NVNT n40 5190MHz Low



Band Edge NVNT n40 5230MHz High

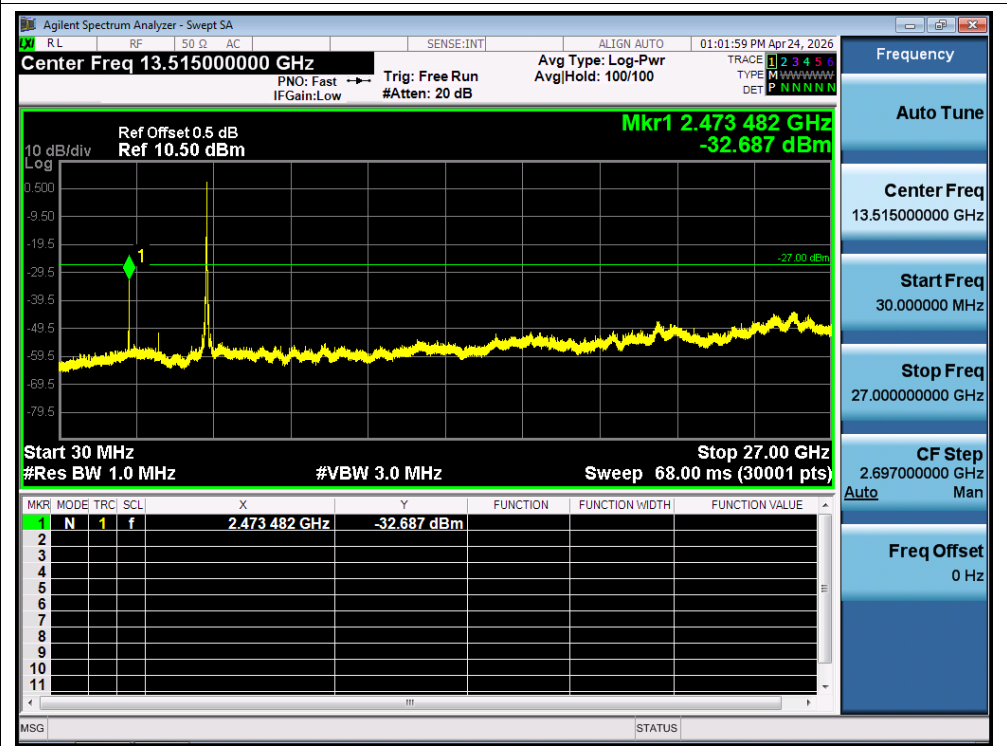


Conducted RF Spurious Emission

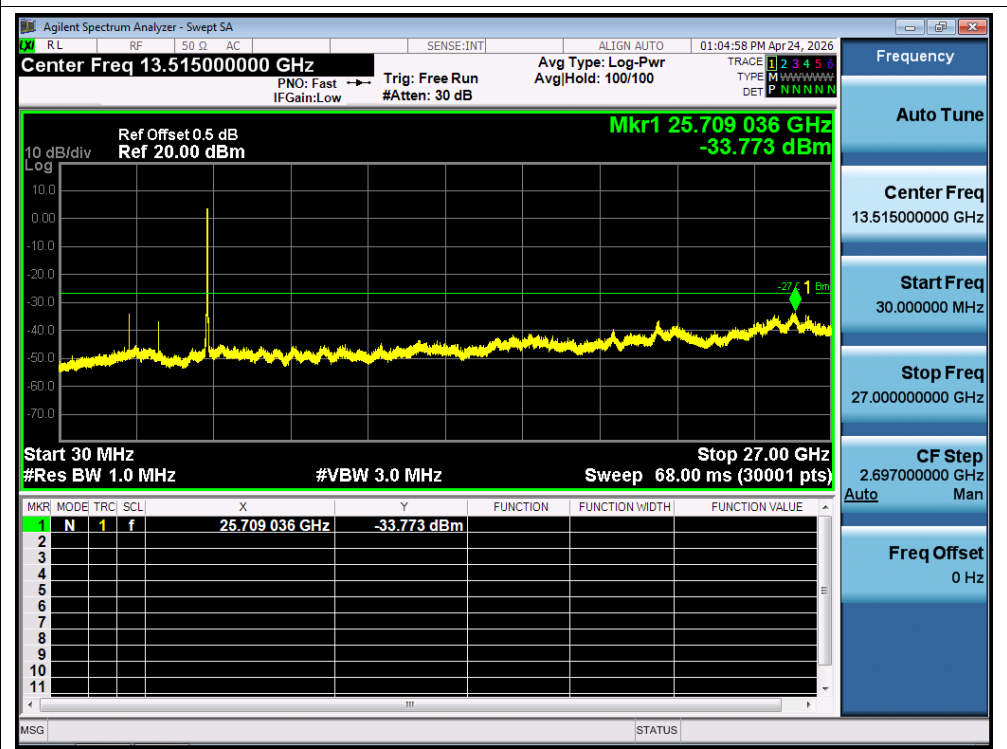
Condition	Mode	Frequency (MHz)	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	-32.68	-27	Pass
NVNT	a	5200	-33.77	-27	Pass
NVNT	a	5240	-33.66	-27	Pass
NVNT	n20	5180	-32.42	-27	Pass
NVNT	n20	5200	-30.6	-27	Pass
NVNT	n20	5240	-32.58	-27	Pass
NVNT	n40	5190	-33.37	-27	Pass
NVNT	n40	5230	-31.54	-27	Pass

Test Graphs

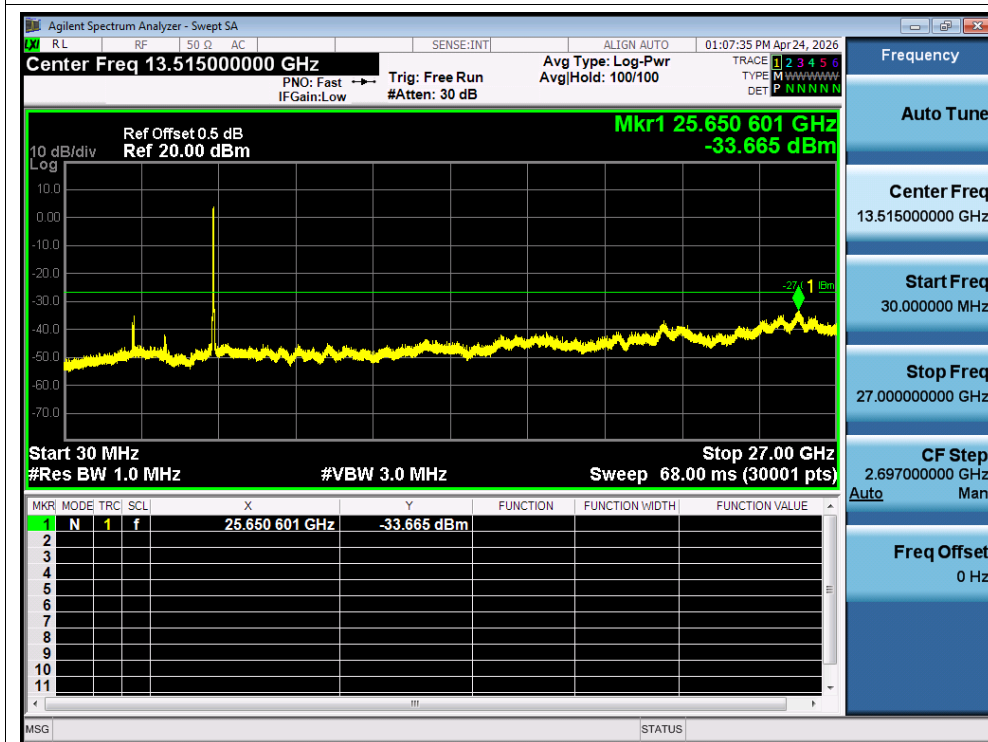
Tx. Spurious NVNT a 5180MHz Emission



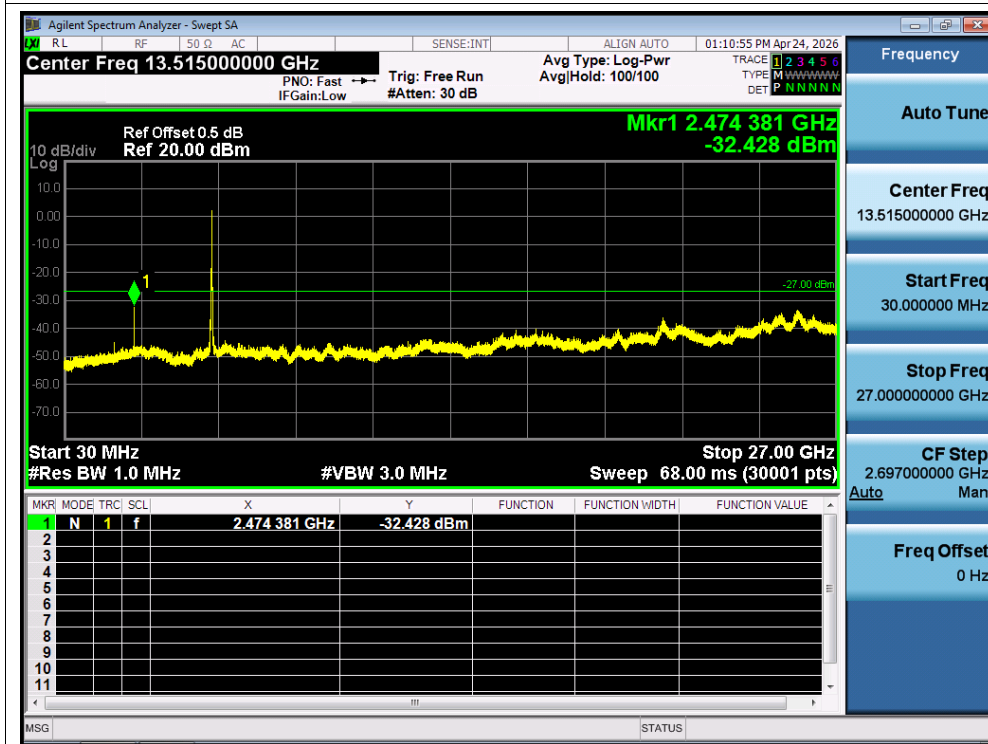
Tx. Spurious NVNT a 5200MHz Emission



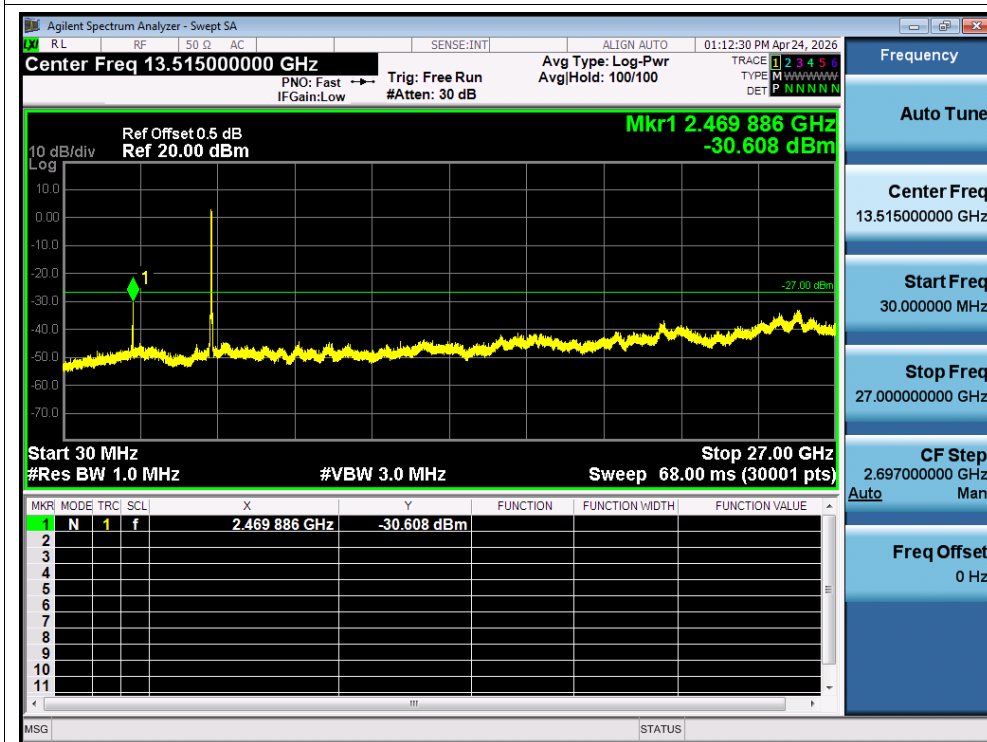
Tx. Spurious NVNT a 5240MHz Emission



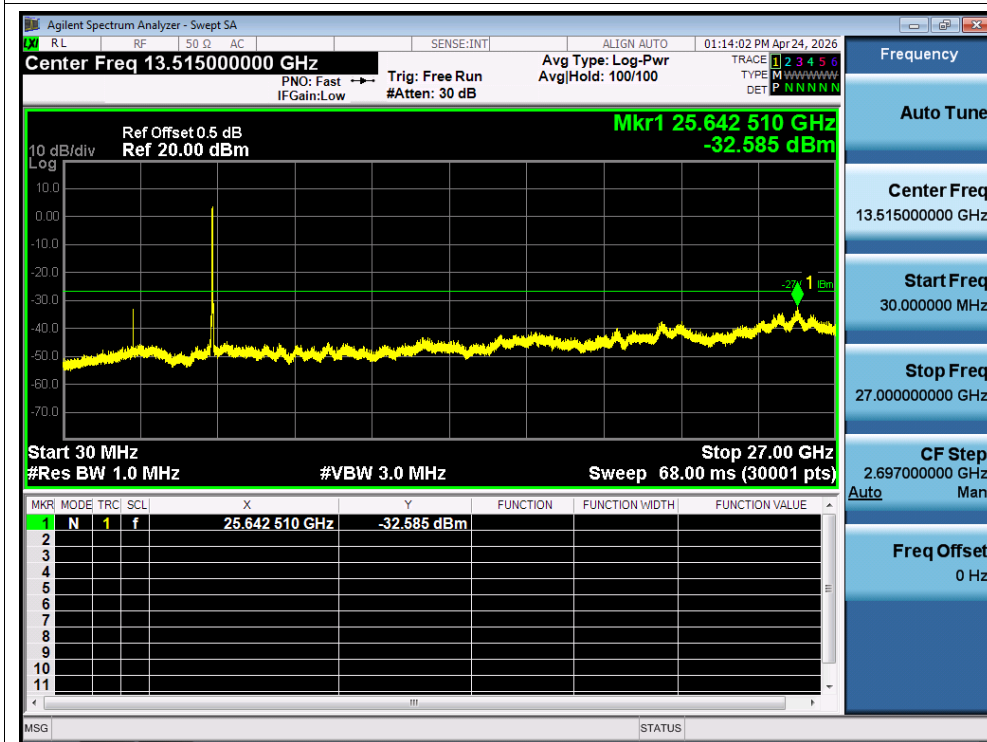
Tx. Spurious NVNT n20 5180MHz Emission



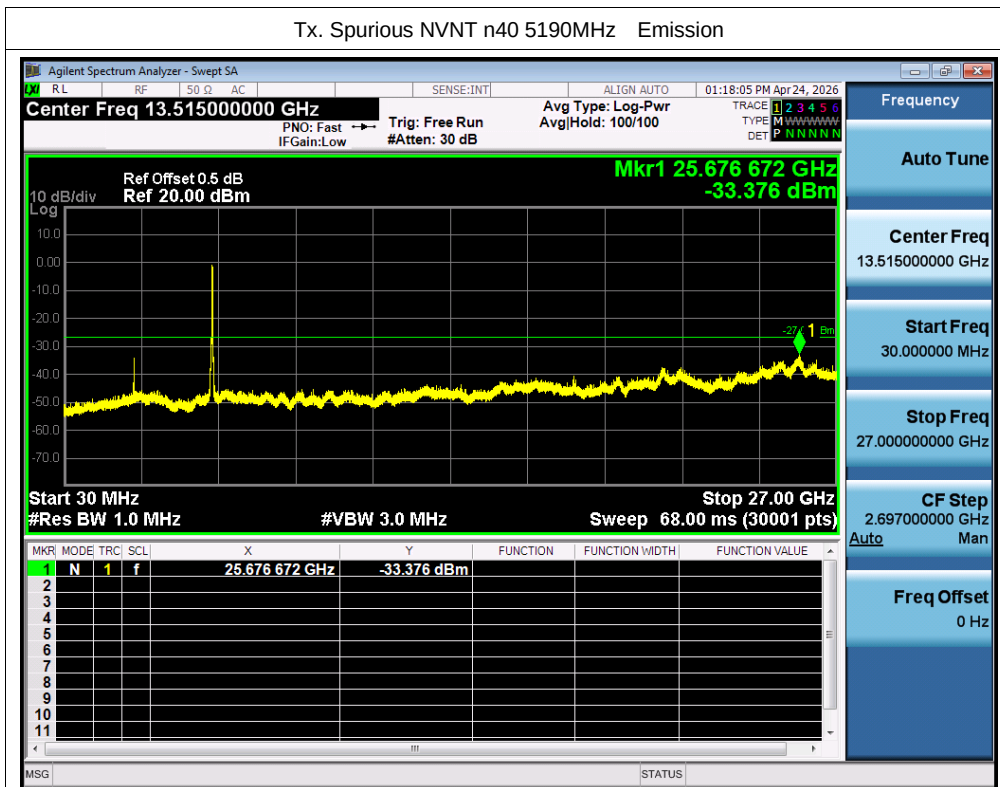
Tx. Spurious NVNT n20 5200MHz Emission



Tx. Spurious NVNT n20 5240MHz Emission



Tx. Spurious NVNT n40 5190MHz Emission



Tx. Spurious NVNT n40 5230MHz Emission

