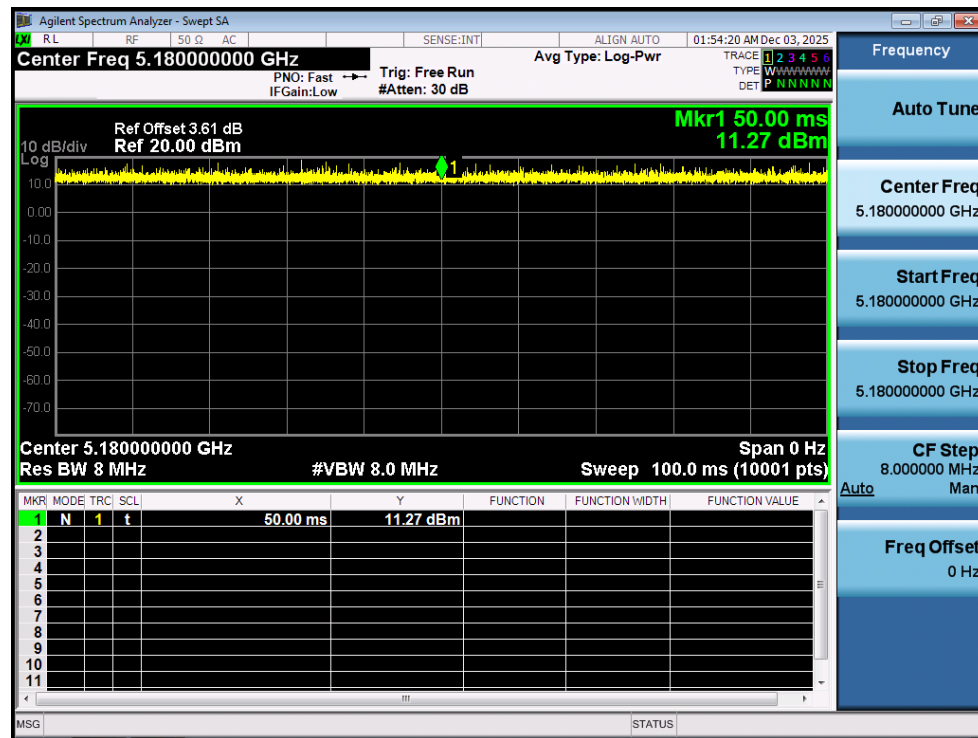


Duty Cycle

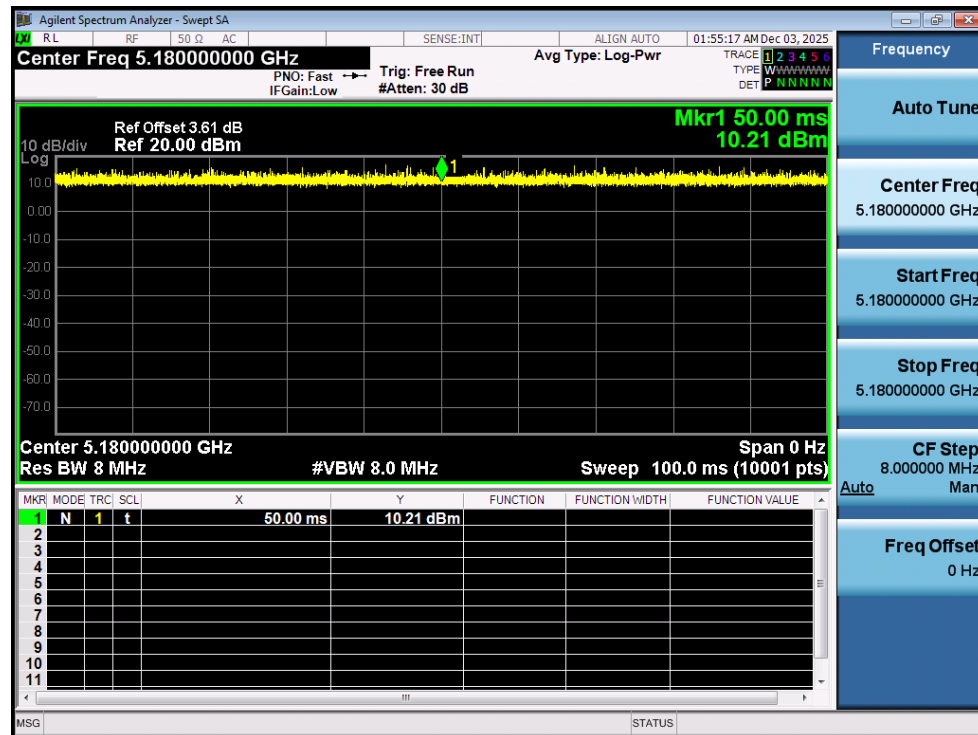
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5180	Ant B	100	0
NVNT	n20	5180	Ant B	100	0
NVNT	n40	5190	Ant B	100	0
NVNT	ac20	5180	Ant B	100	0
NVNT	ac40	5190	Ant B	100	0
NVNT	ac80	5210	Ant B	100	0

Test Graphs

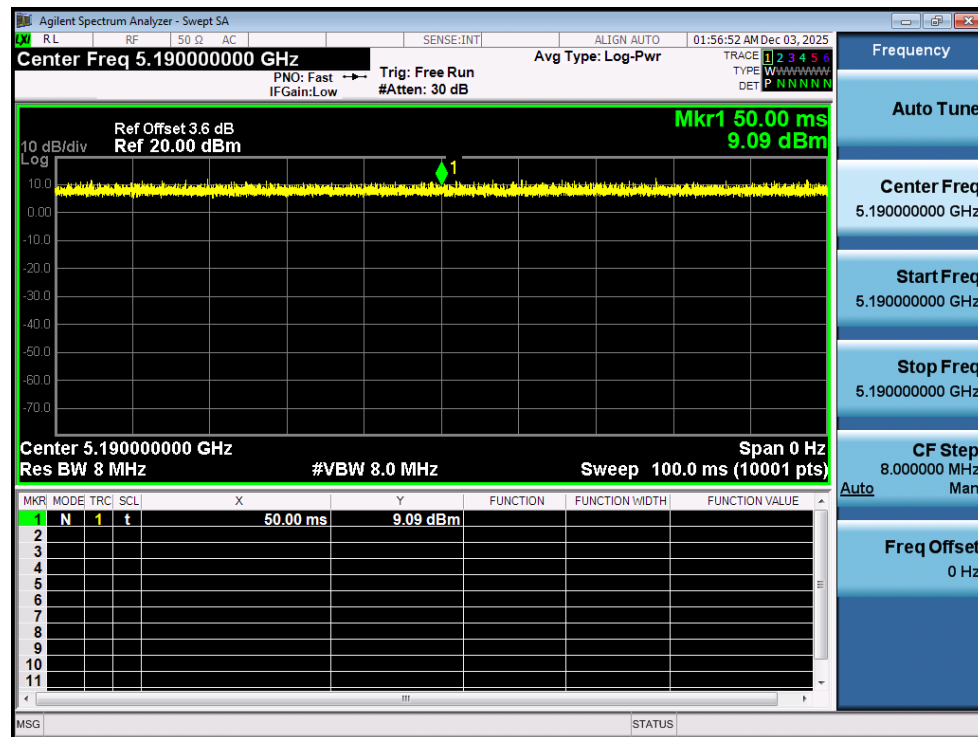
Duty Cycle NVNT a 5180MHz Ant B



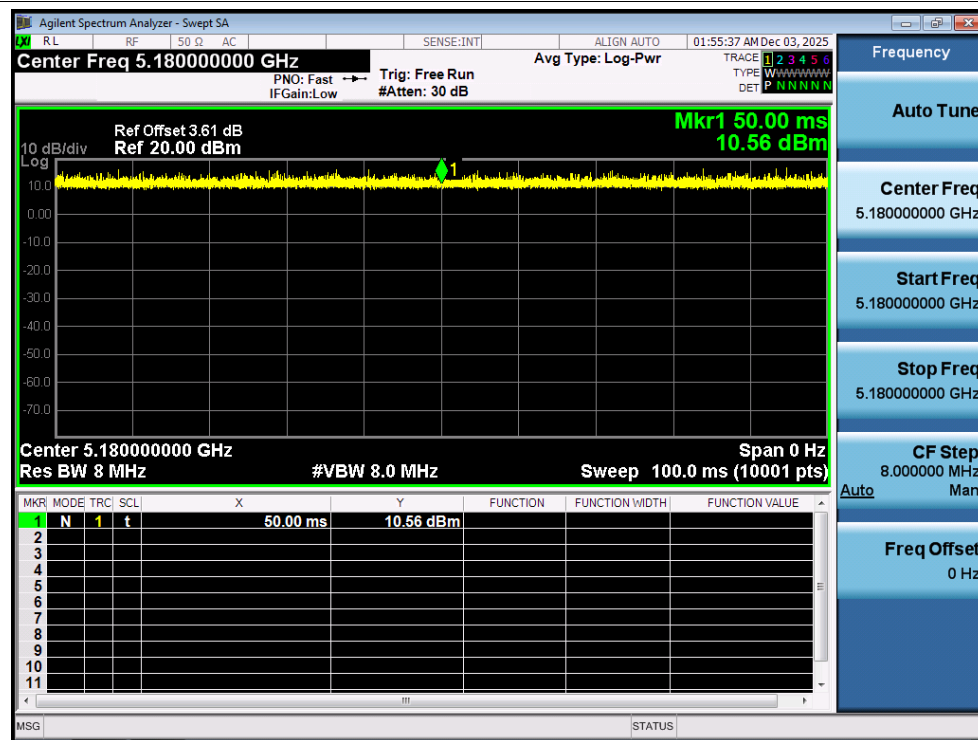
Duty Cycle NVNT n20 5180MHz Ant B



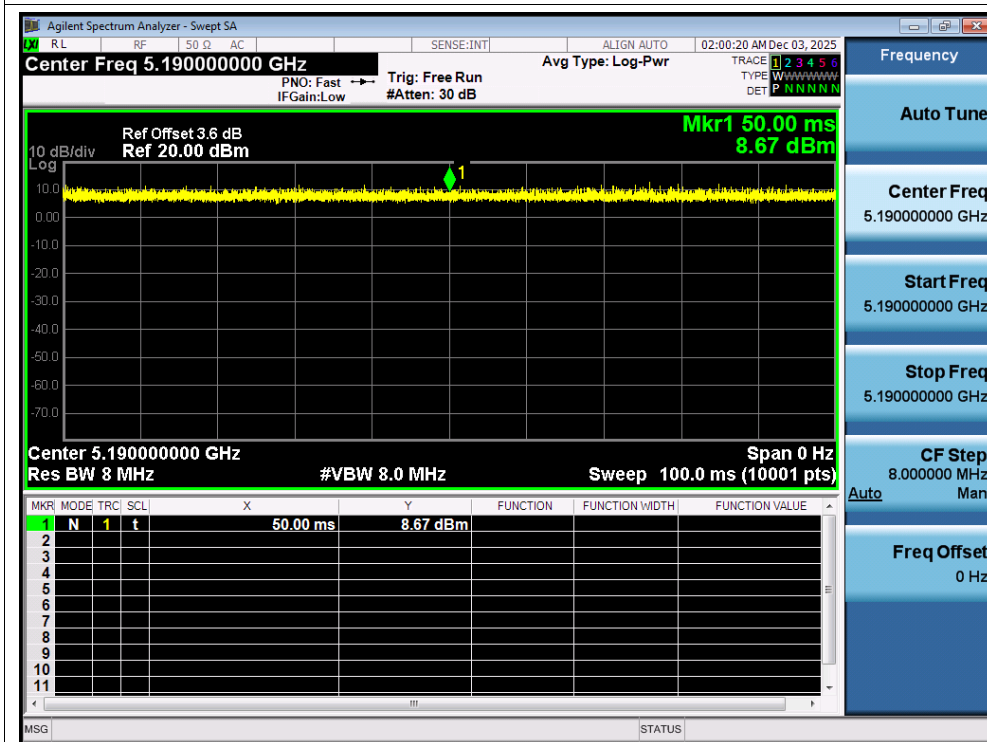
Duty Cycle NVNT n40 5190MHz Ant B



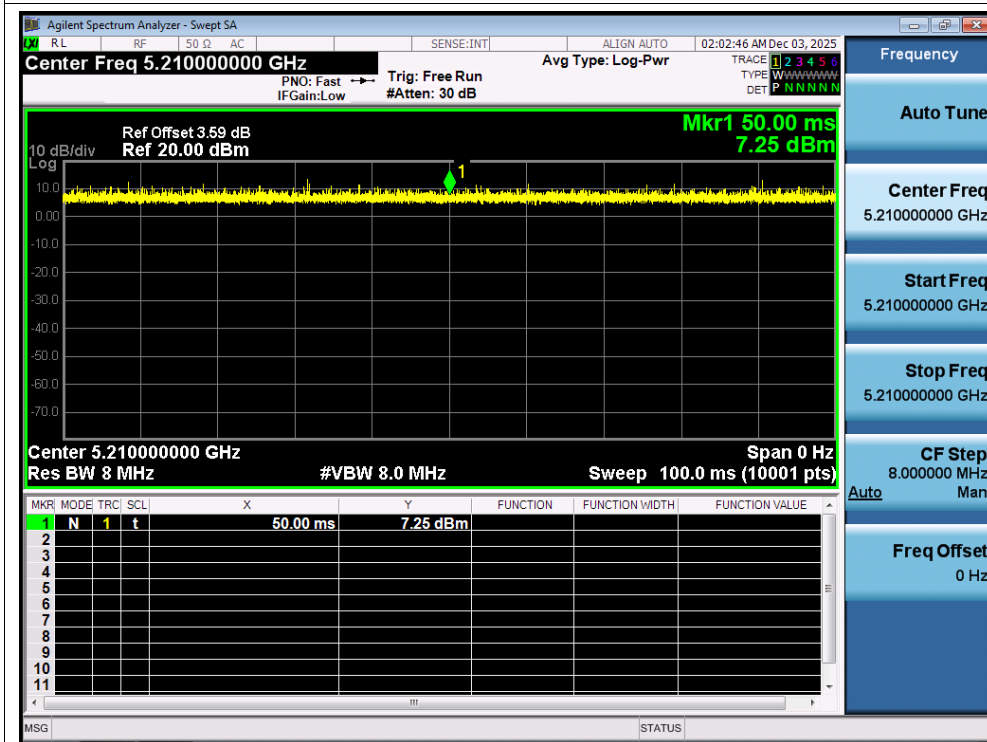
Duty Cycle NVNT ac20 5180MHz Ant B



Duty Cycle NVNT ac40 5190MHz Ant B



Duty Cycle NVNT ac80 5210MHz Ant B



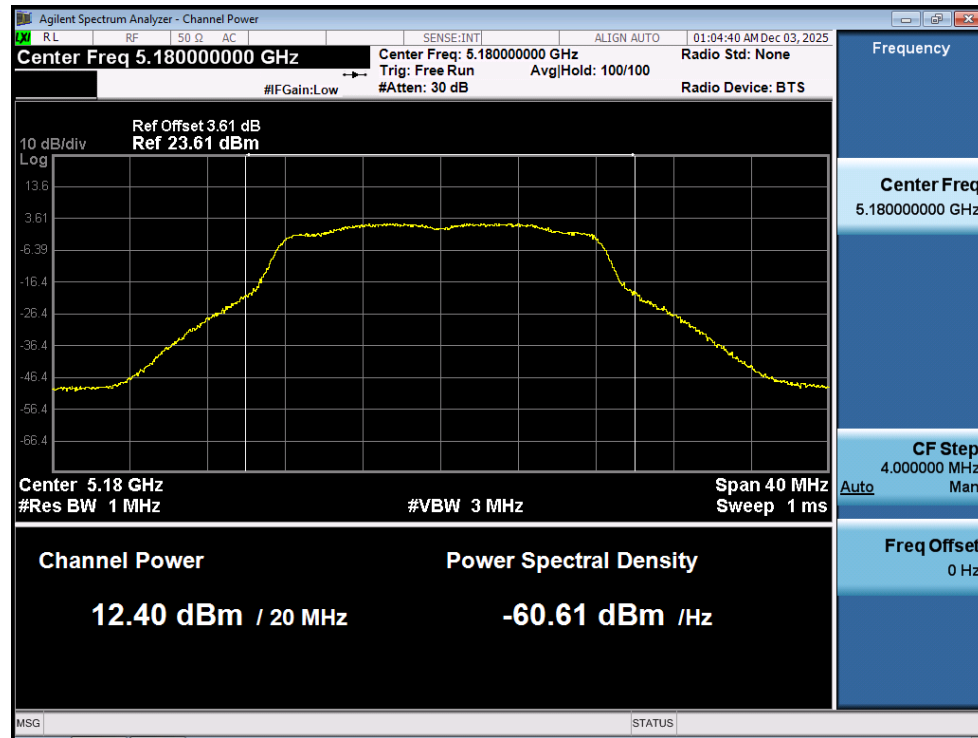
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant B	12.4	24	Pass
NVNT	a	5200	Ant B	12.31	24	Pass
NVNT	a	5240	Ant B	13.14	24	Pass
NVNT	n20	5180	Ant B	11.08	24	Pass
NVNT	n20	5200	Ant B	10.38	24	Pass
NVNT	n20	5240	Ant B	10	24	Pass
NVNT	n40	5190	Ant B	9.29	24	Pass
NVNT	n40	5230	Ant B	9.88	24	Pass
NVNT	ac20	5180	Ant B	11.05	24	Pass
NVNT	ac20	5200	Ant B	10.36	24	Pass
NVNT	ac20	5240	Ant B	11.4	24	Pass
NVNT	ac40	5190	Ant B	9.41	24	Pass
NVNT	ac40	5230	Ant B	9.75	24	Pass
NVNT	ac80	5210	Ant B	8.75	24	Pass

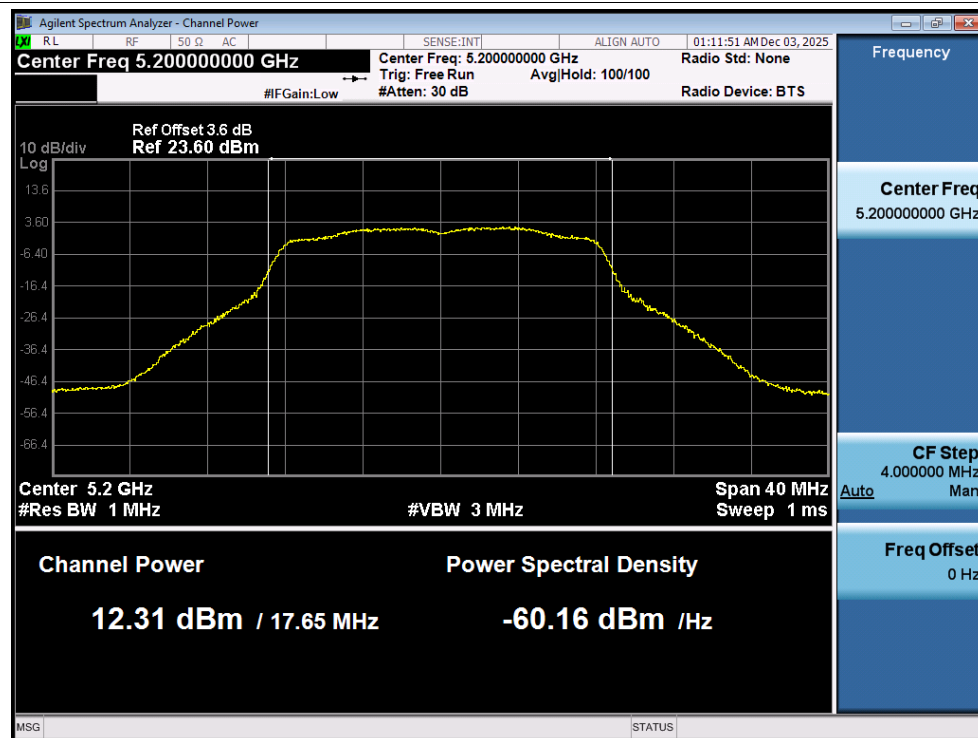
This product does not support MIMO mode and is a single-transmit-single-receive type.

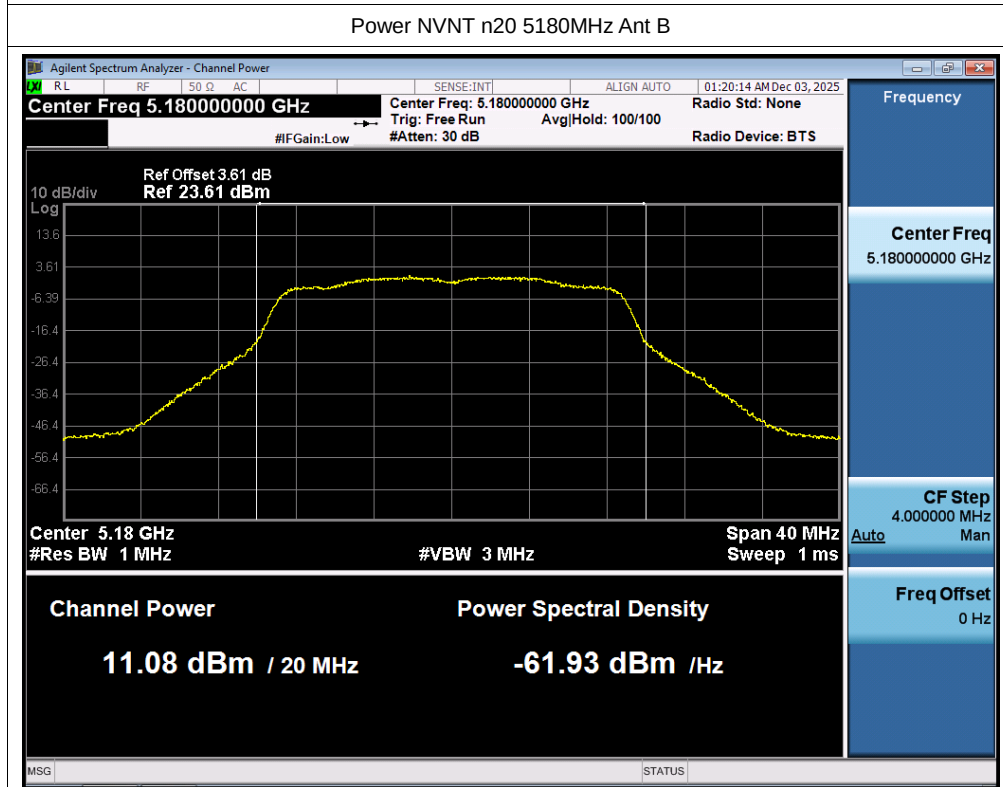
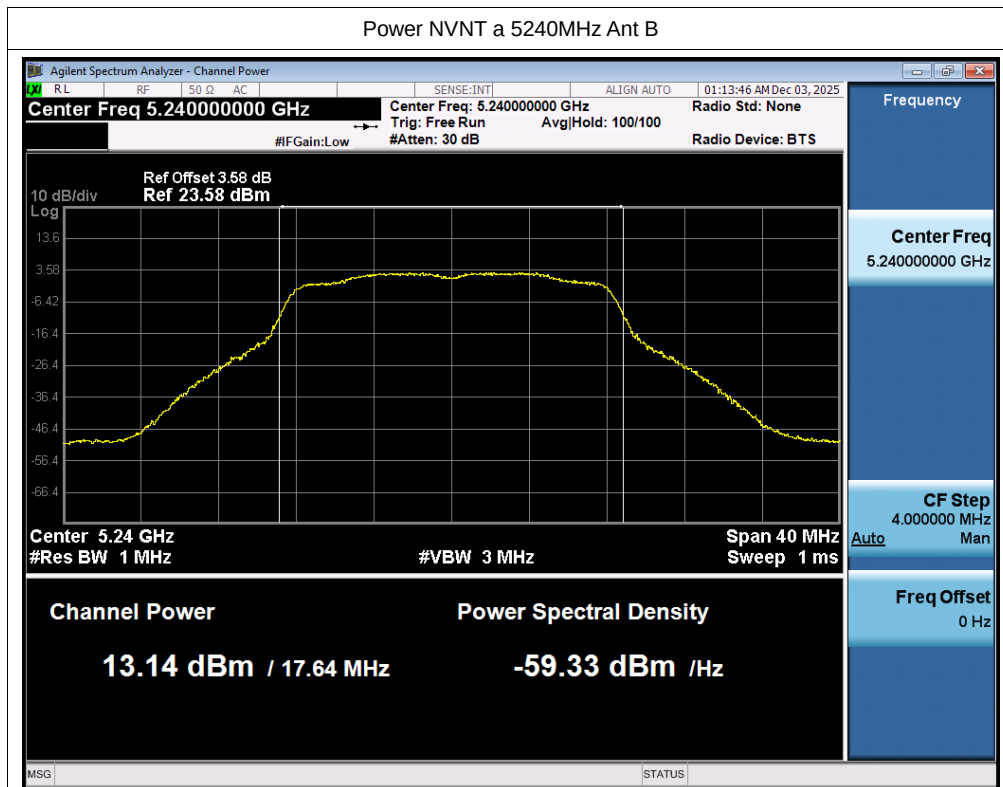
Test Graphs

Power NVNT a 5180MHz Ant B

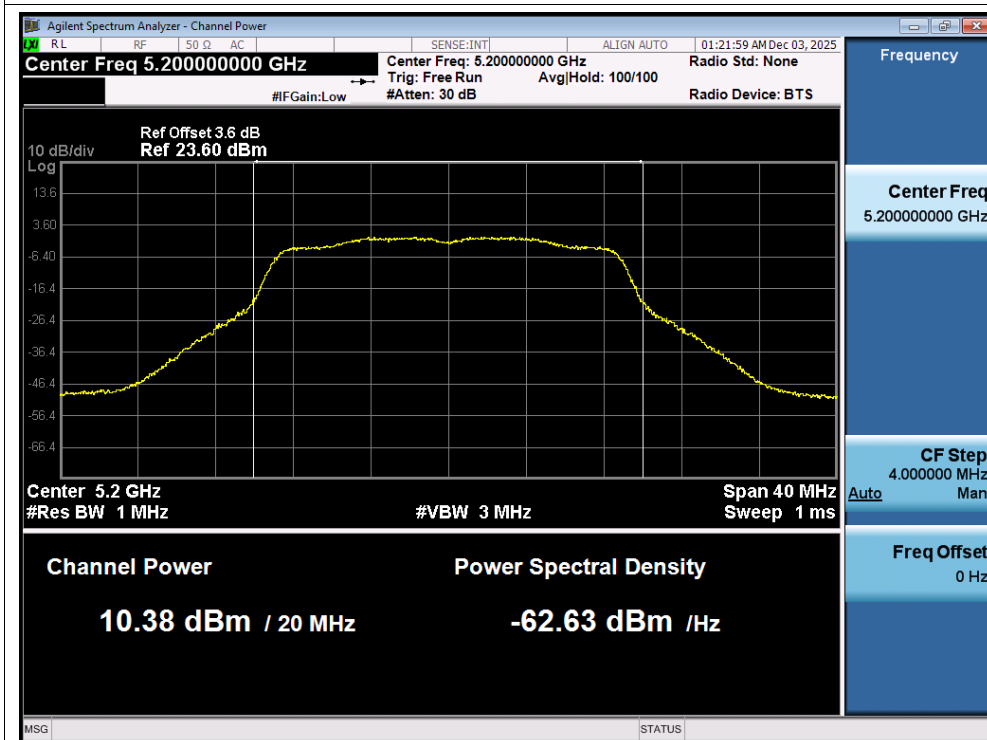


Power NVNT a 5200MHz Ant B

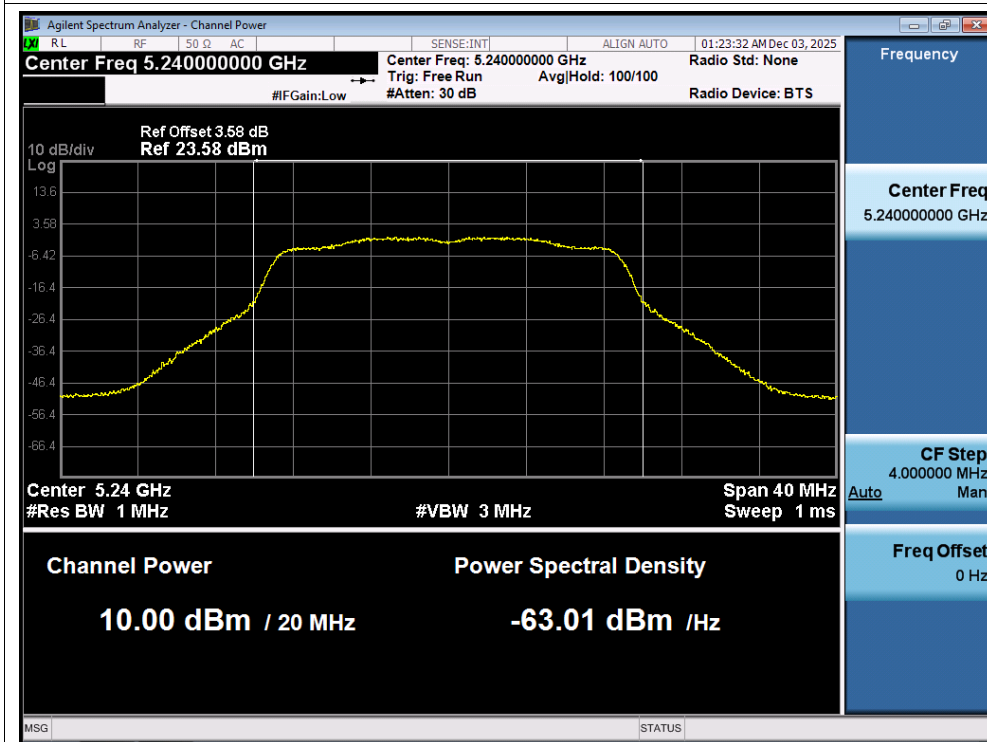




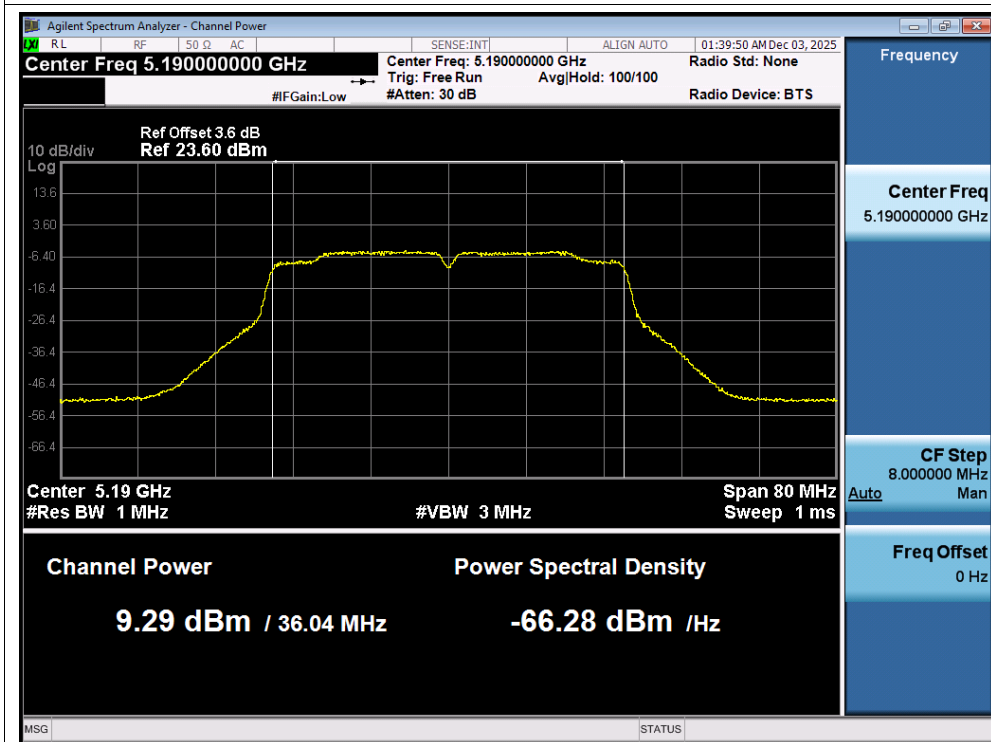
Power NVNT n20 5200MHz Ant B



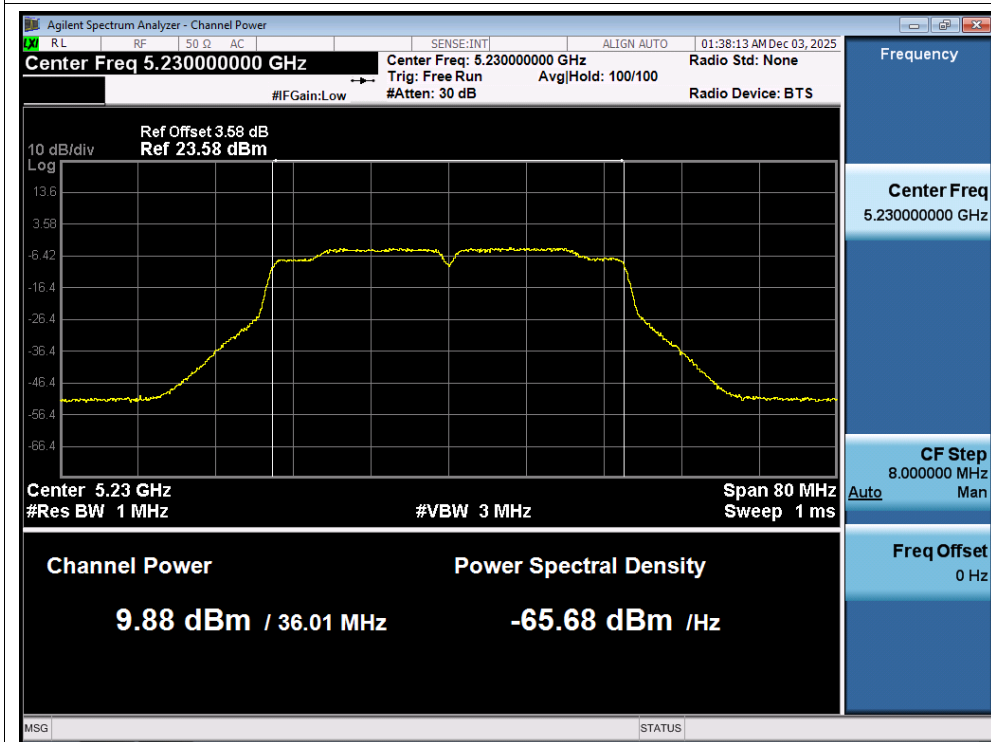
Power NVNT n20 5240MHz Ant B



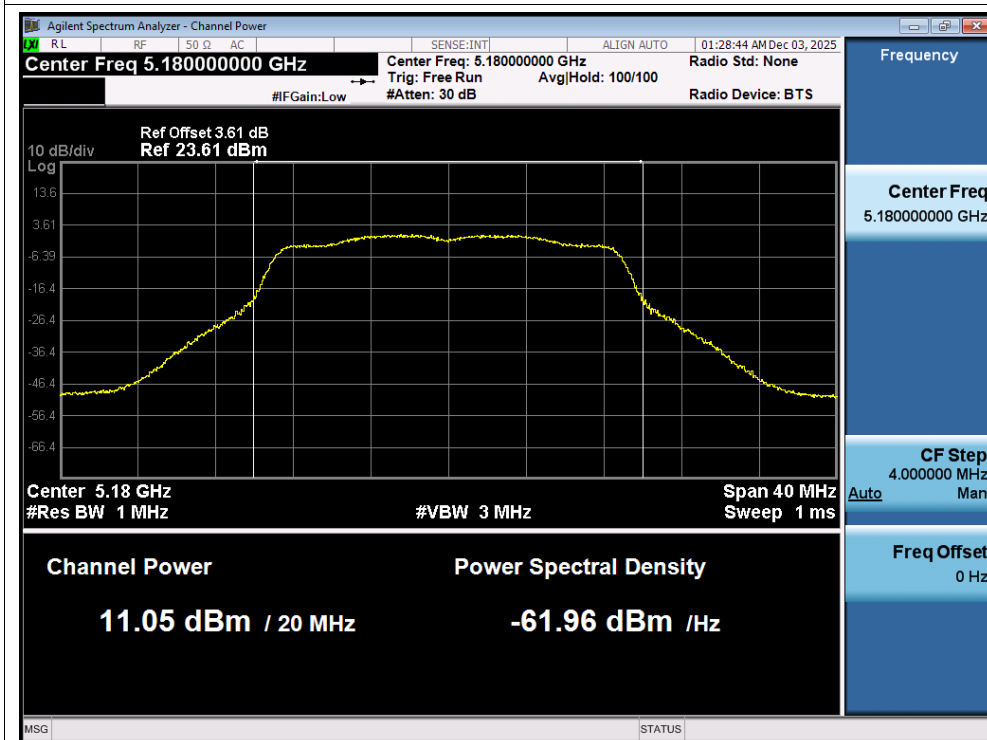
Power NVNT n40 5190MHz Ant B



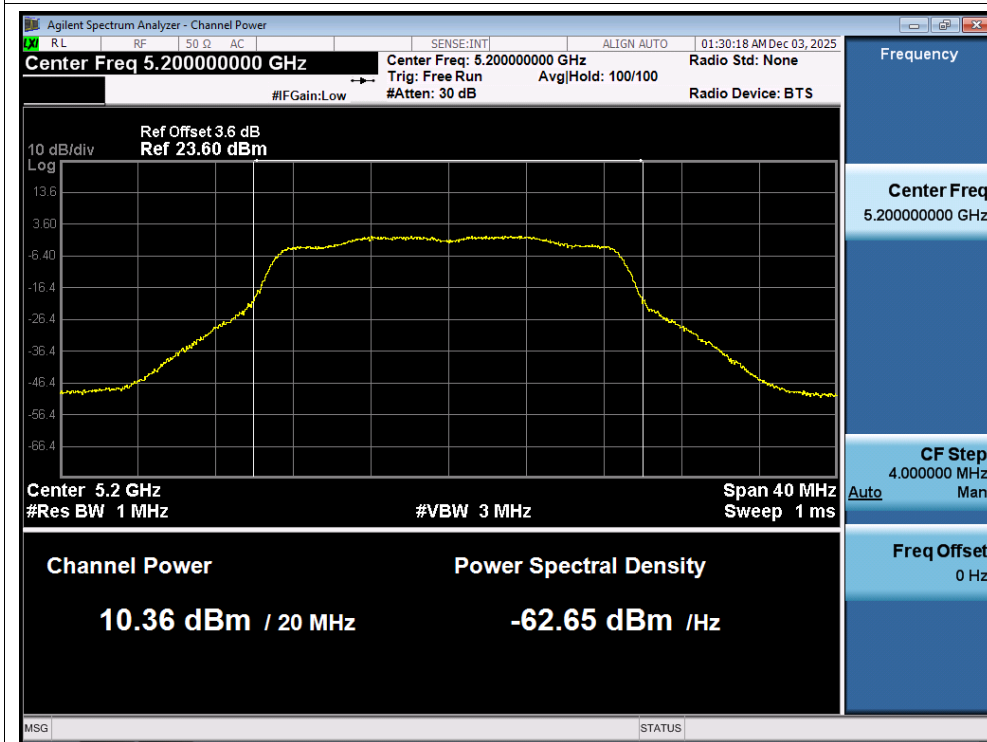
Power NVNT n40 5230MHz Ant B



Power NVNT ac20 5180MHz Ant B



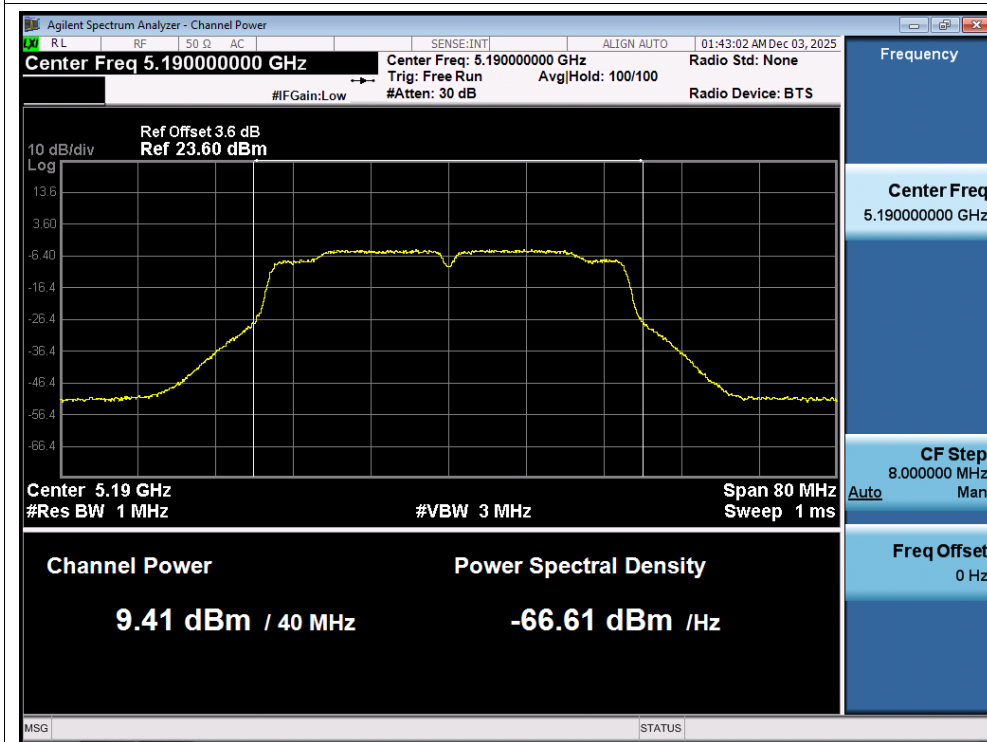
Power NVNT ac20 5200MHz Ant B



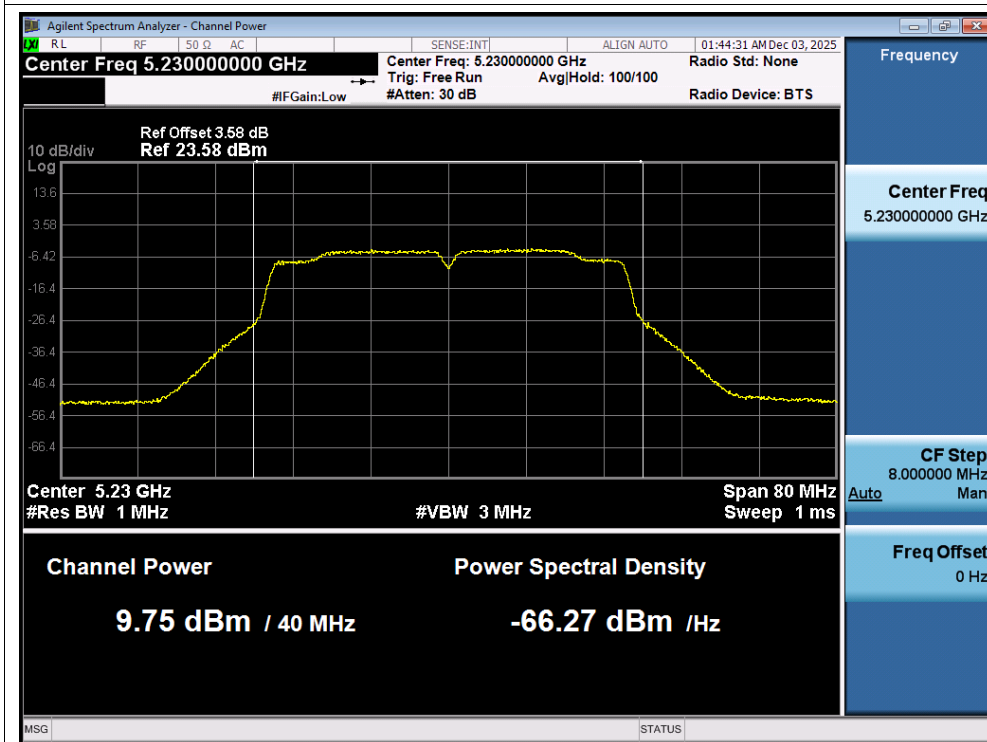
Power NVNT ac20 5240MHz Ant B



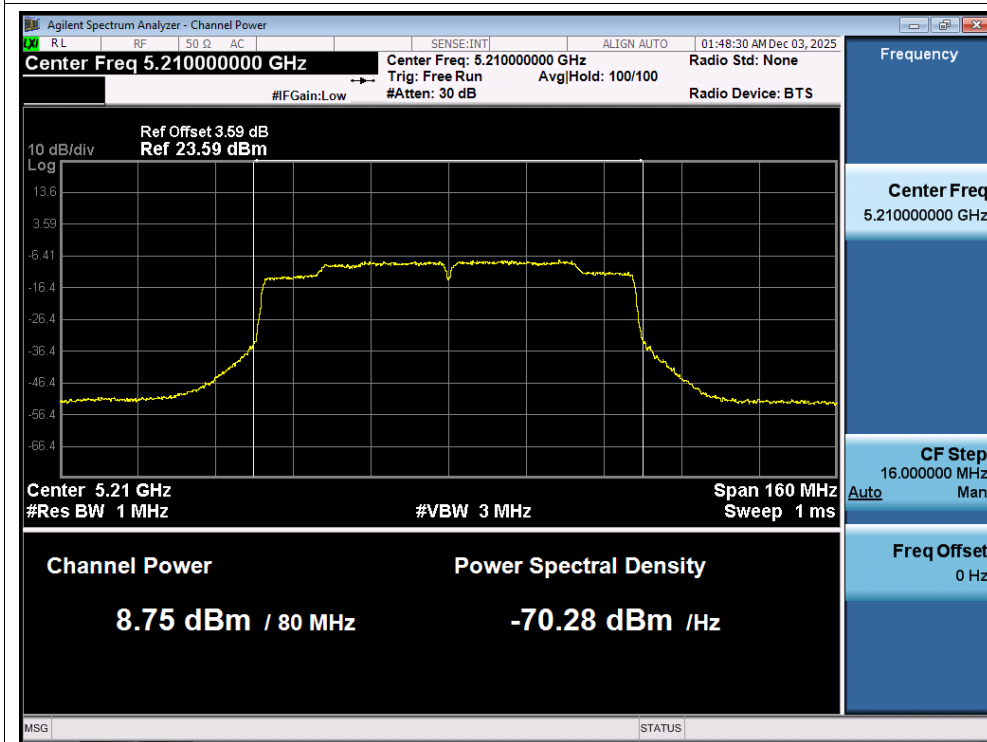
Power NVNT ac40 5190MHz Ant B



Power NVNT ac40 5230MHz Ant B



Power NVNT ac80 5210MHz Ant B

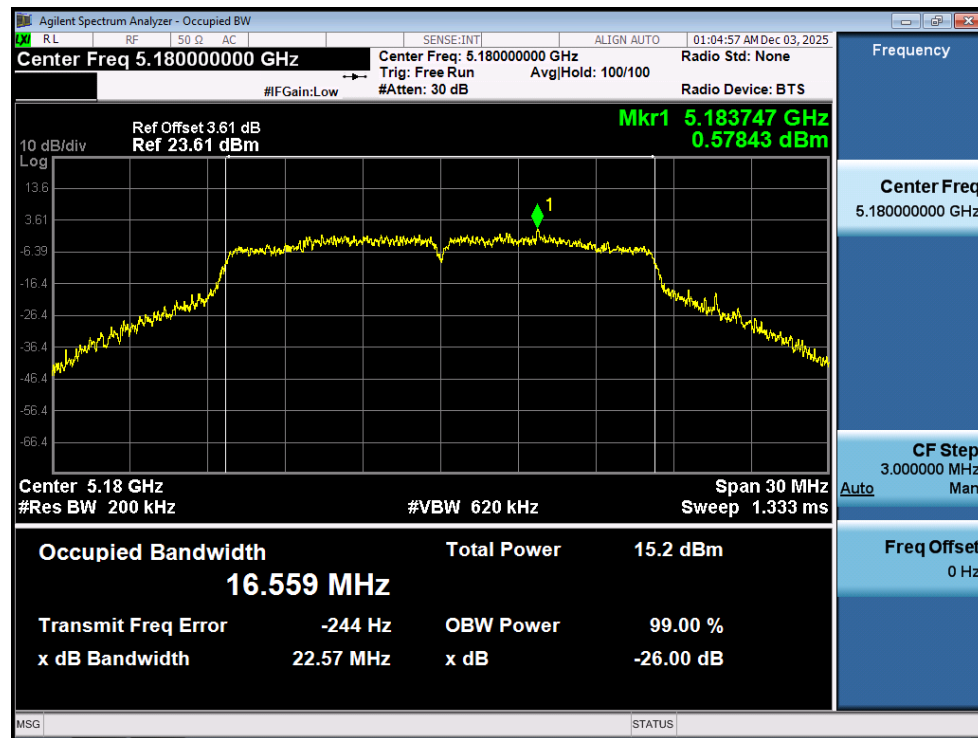


-26dB Bandwidth

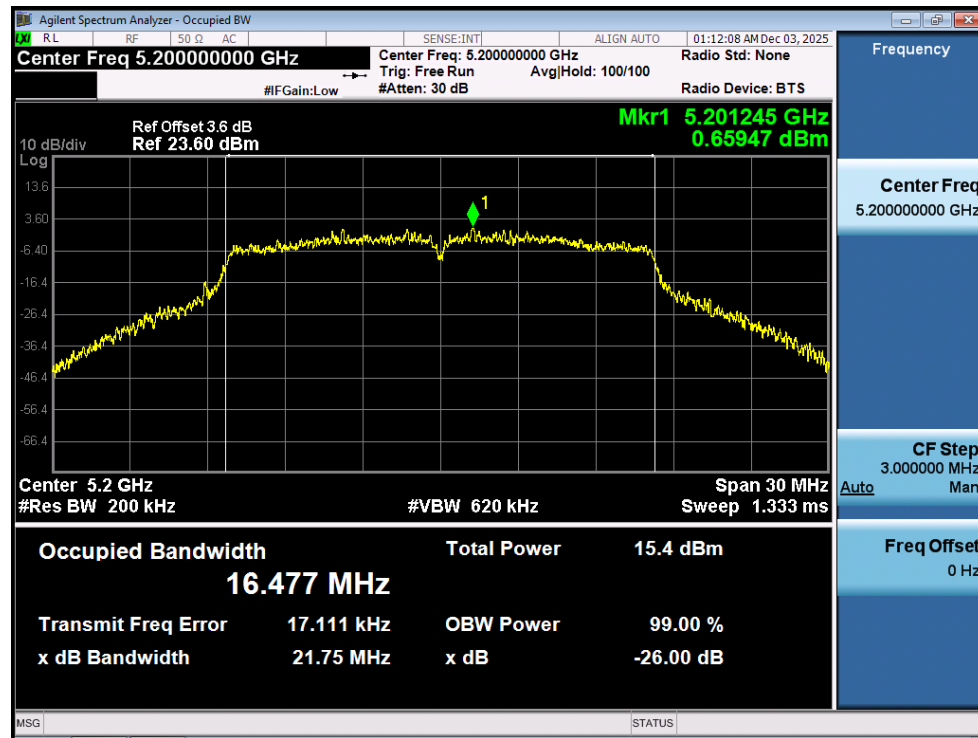
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant B	22.566	0.5	Pass
		5200		21.75	0.5	Pass
		5240		21.978	0.5	Pass
	n20	5180		22.173	0.5	Pass
		5200		22.601	0.5	Pass
		5240		22.455	0.5	Pass
	n40	5190		43.756	0.5	Pass
		5230		43.198	0.5	Pass
	ac20	5180		22.202	0.5	Pass
		5200		23.194	0.5	Pass
		5240		23.509	0.5	Pass
	ac40	5190		43.894	0.5	Pass
		5230		44.339	0.5	Pass
	ac80	5210		82.506	0.5	Pass

Test Graphs

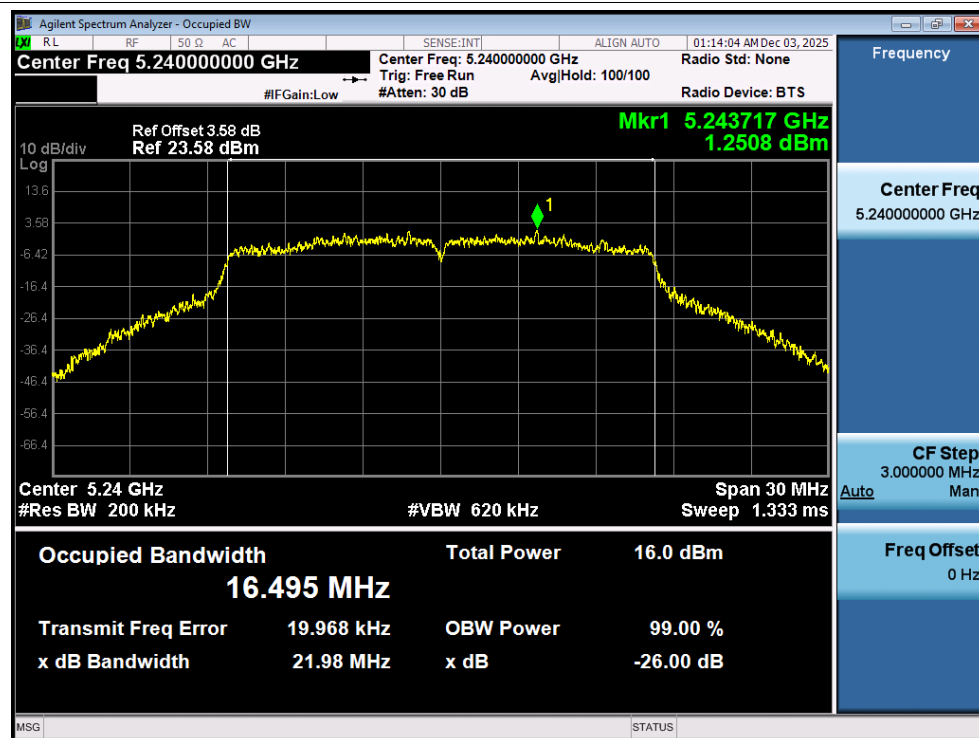
-26dB Bandwidth NVNT a 5180MHz Ant B



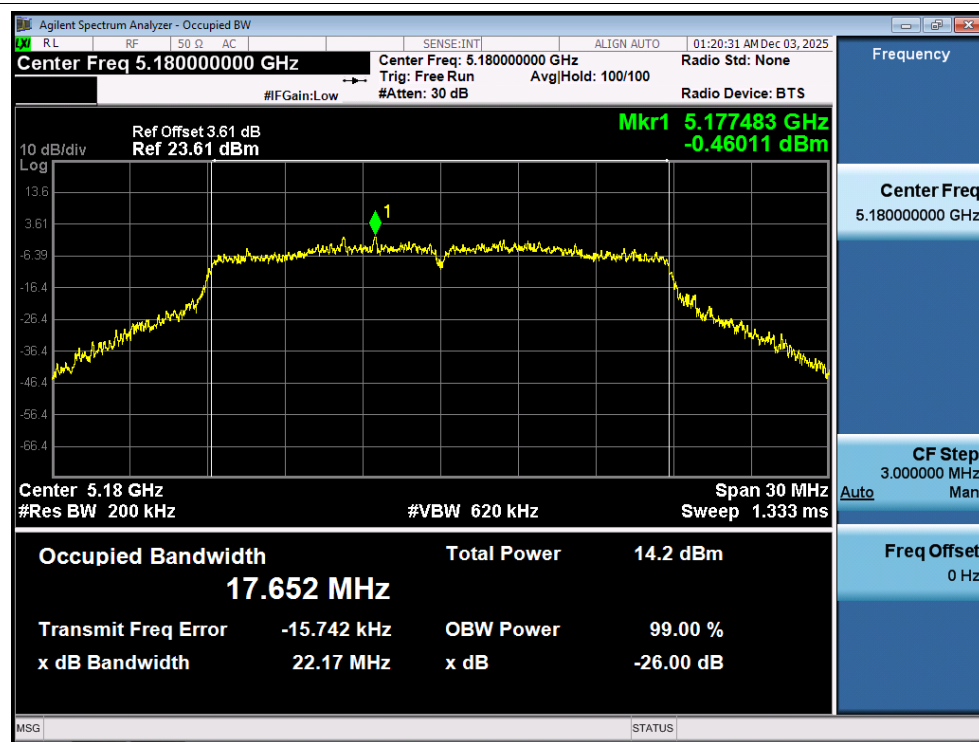
-26dB Bandwidth NVNT a 5200MHz Ant B



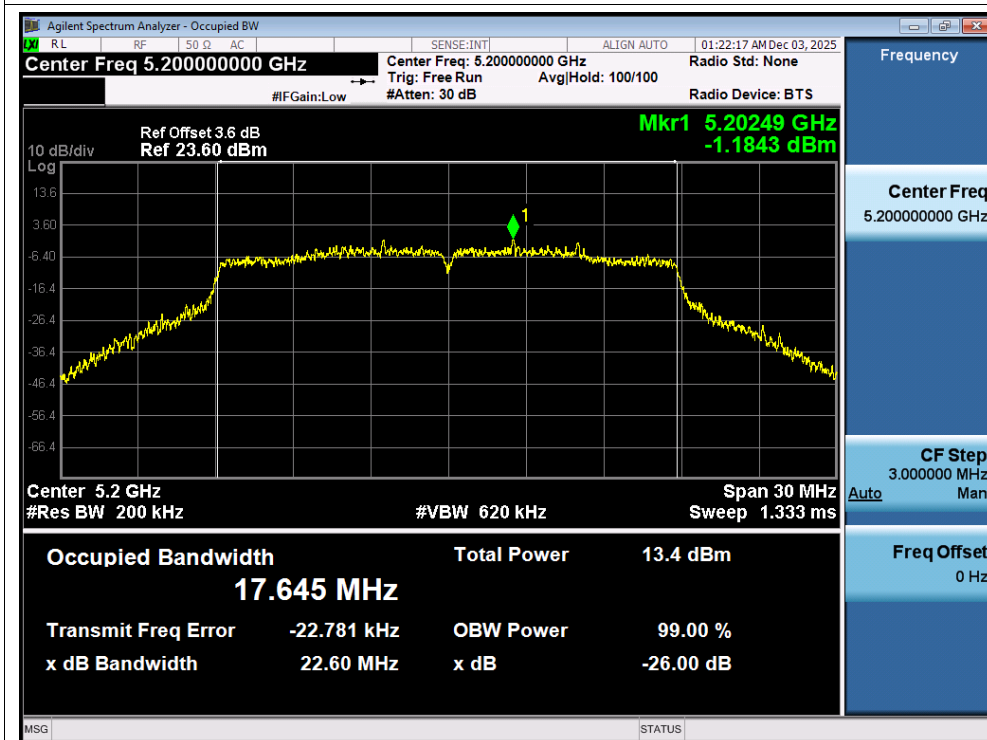
-26dB Bandwidth NVNT a 5240MHz Ant B



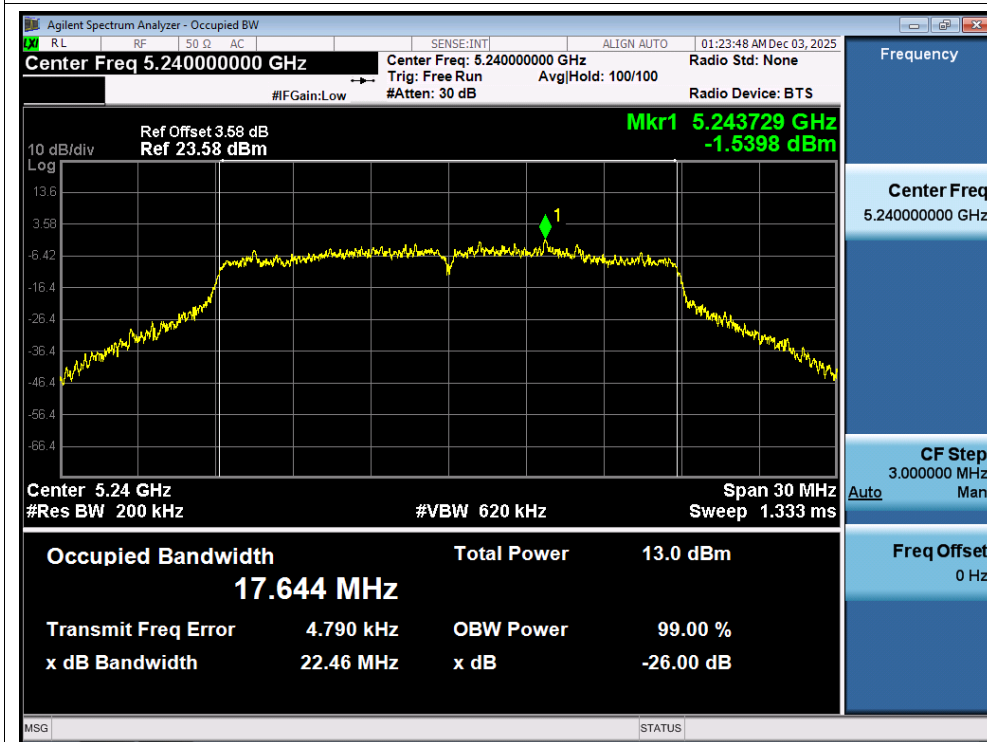
-26dB Bandwidth NVNT n20 5180MHz Ant B



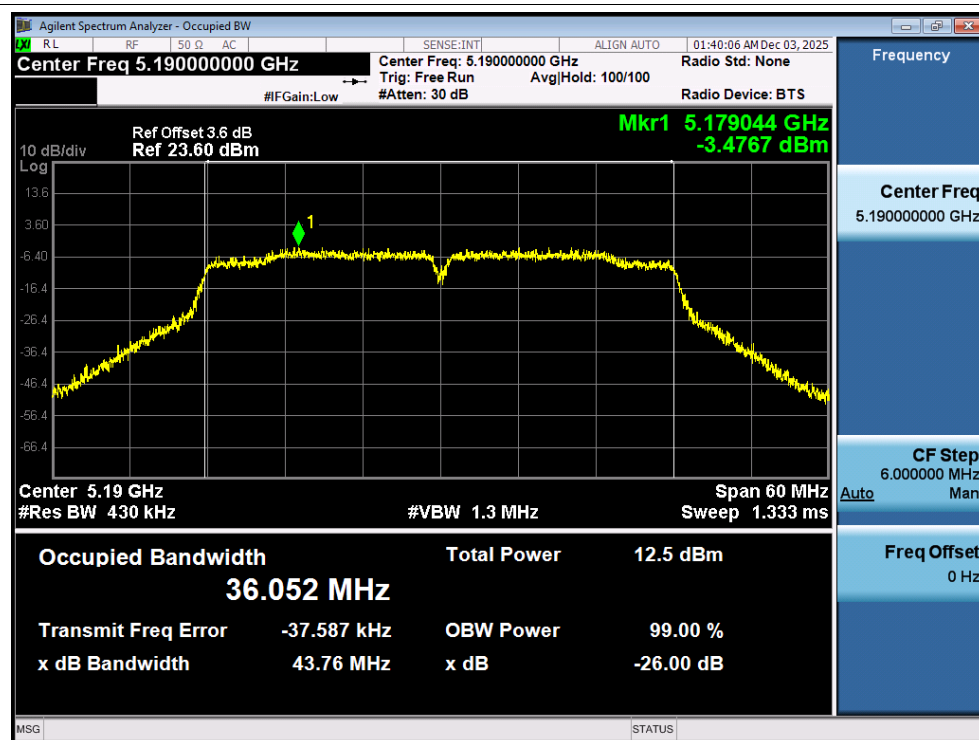
-26dB Bandwidth NVNT n20 5200MHz Ant B



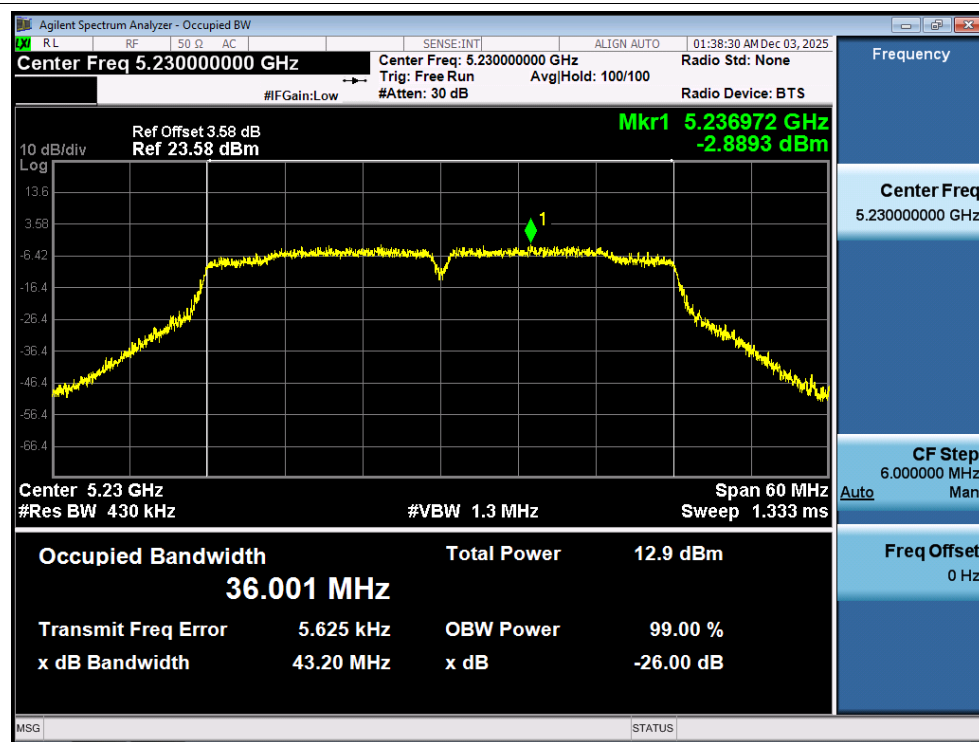
-26dB Bandwidth NVNT n20 5240MHz Ant B



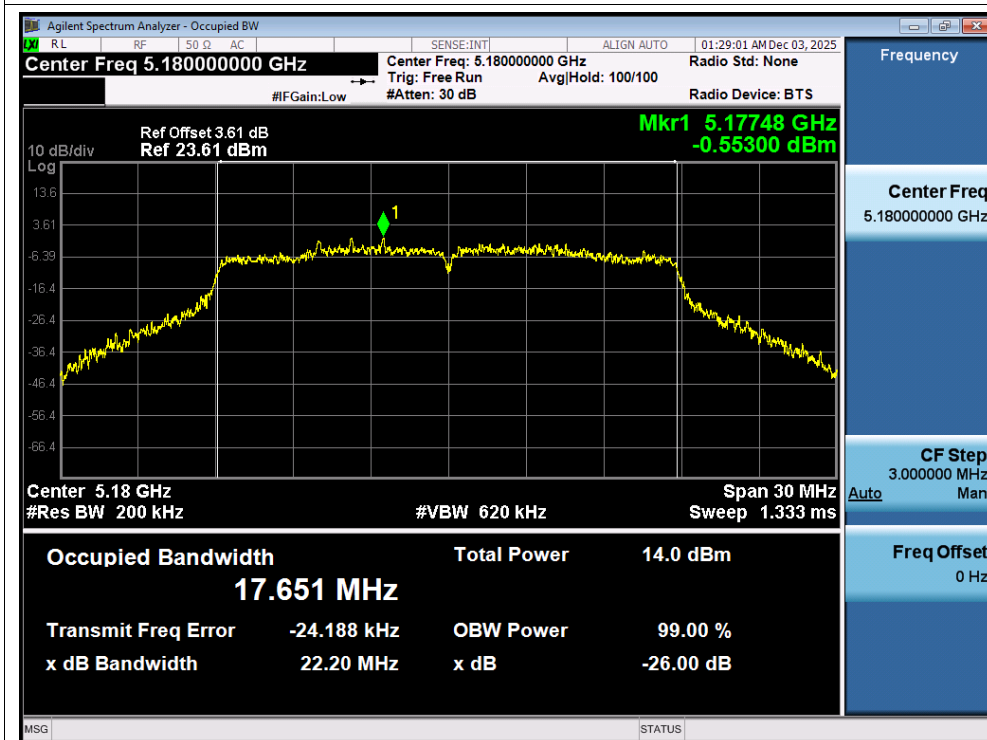
-26dB Bandwidth NVNT n40 5190MHz Ant B



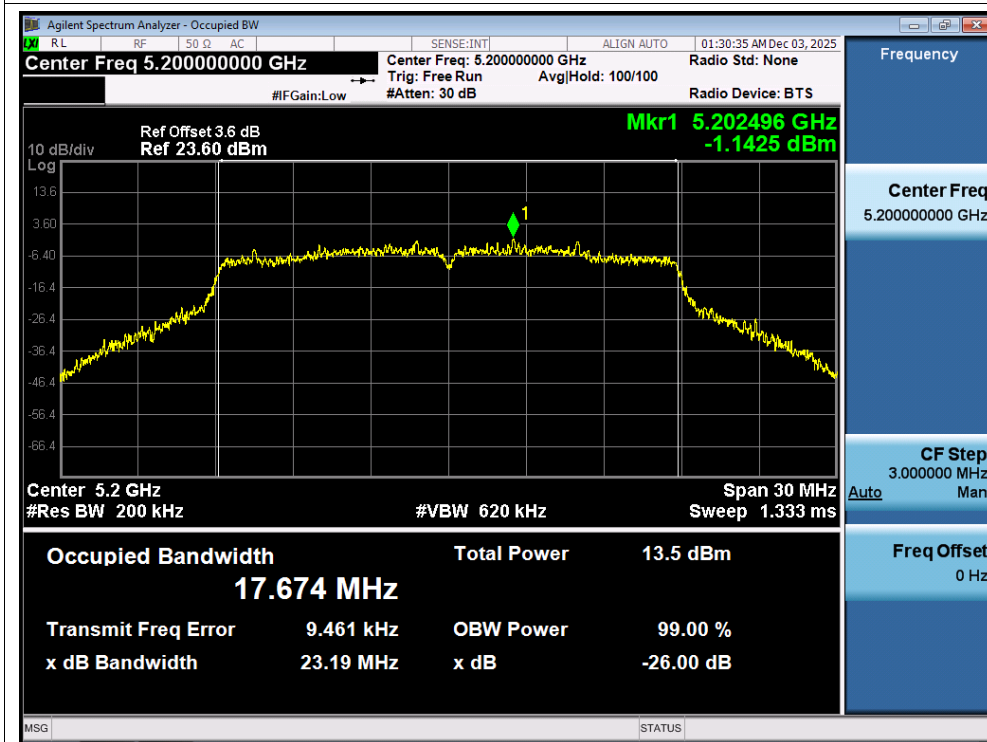
-26dB Bandwidth NVNT n40 5230MHz Ant B



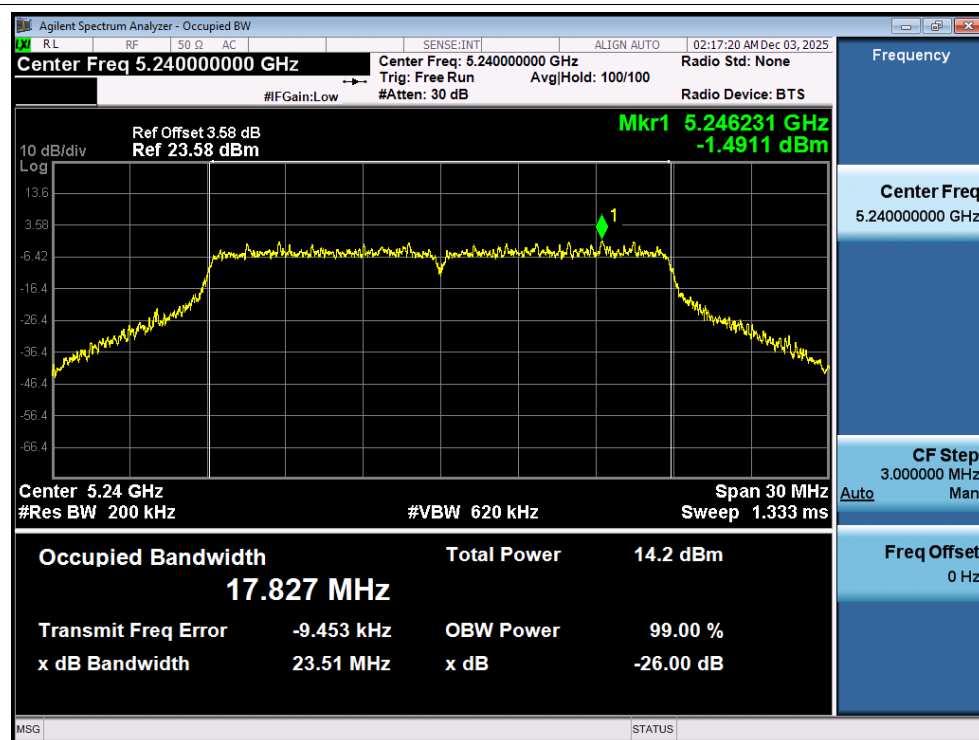
-26dB Bandwidth NVNT ac20 5180MHz Ant B



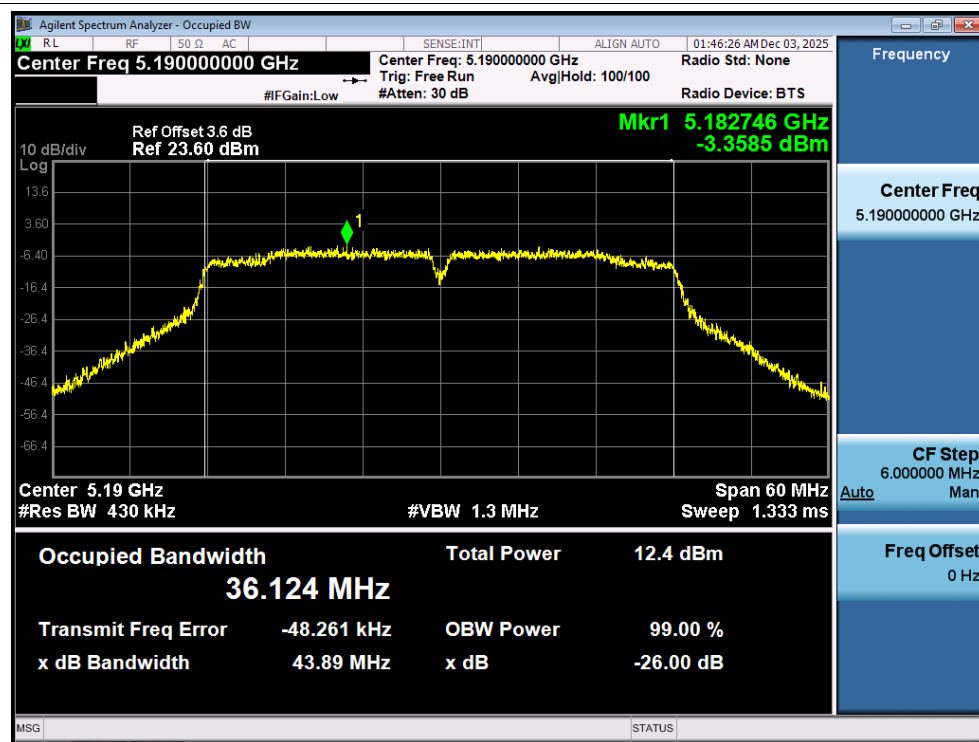
-26dB Bandwidth NVNT ac20 5200MHz Ant B



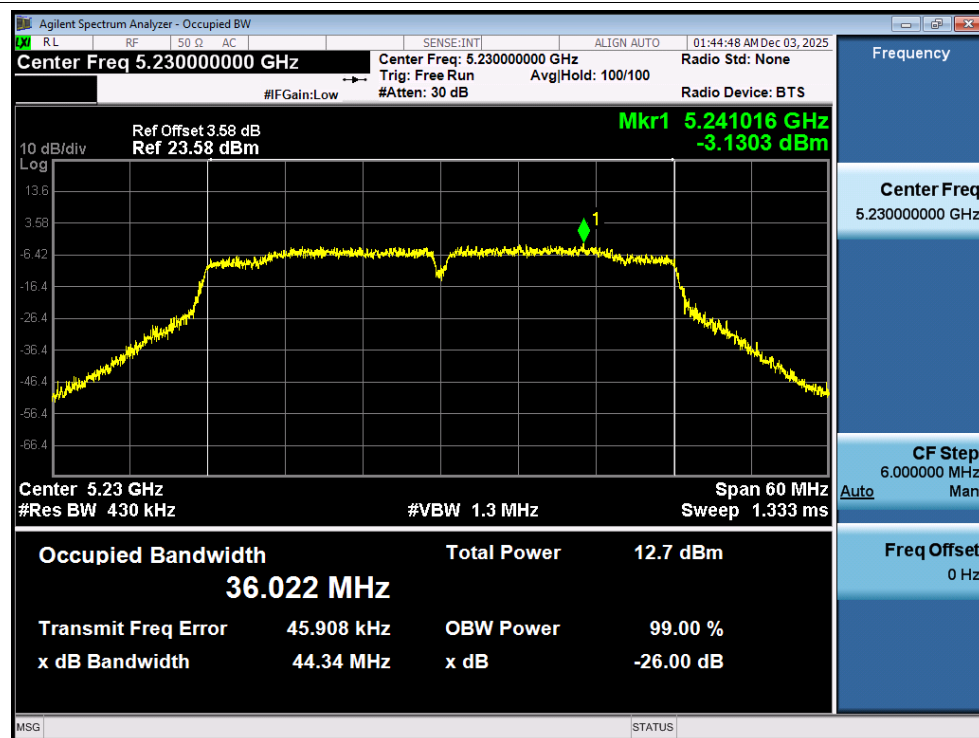
-26dB Bandwidth NVNT ac20 5240MHz Ant B



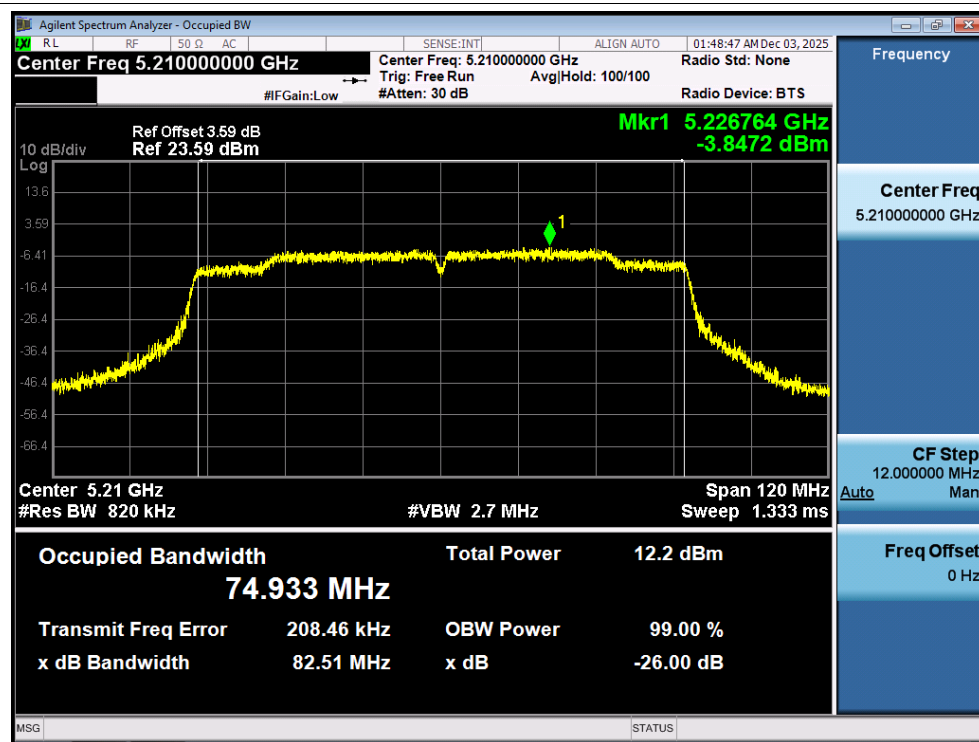
-26dB Bandwidth NVNT ac40 5190MHz Ant B



-26dB Bandwidth NVNT ac40 5230MHz Ant B



-26dB Bandwidth NVNT ac80 5210MHz Ant B

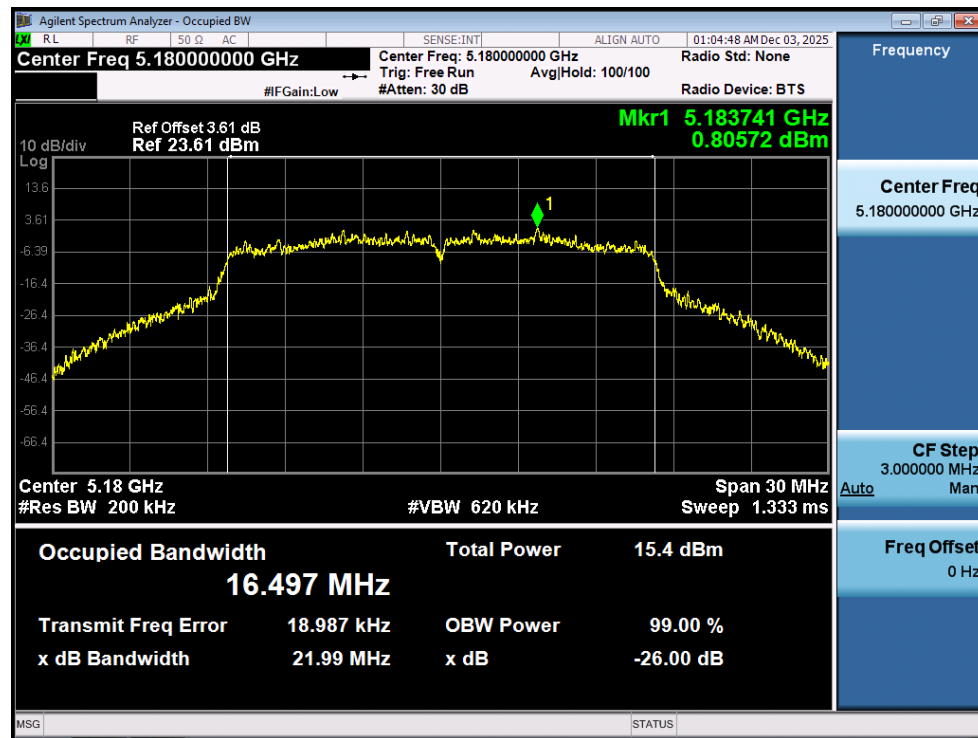


Occupied Channel Bandwidth

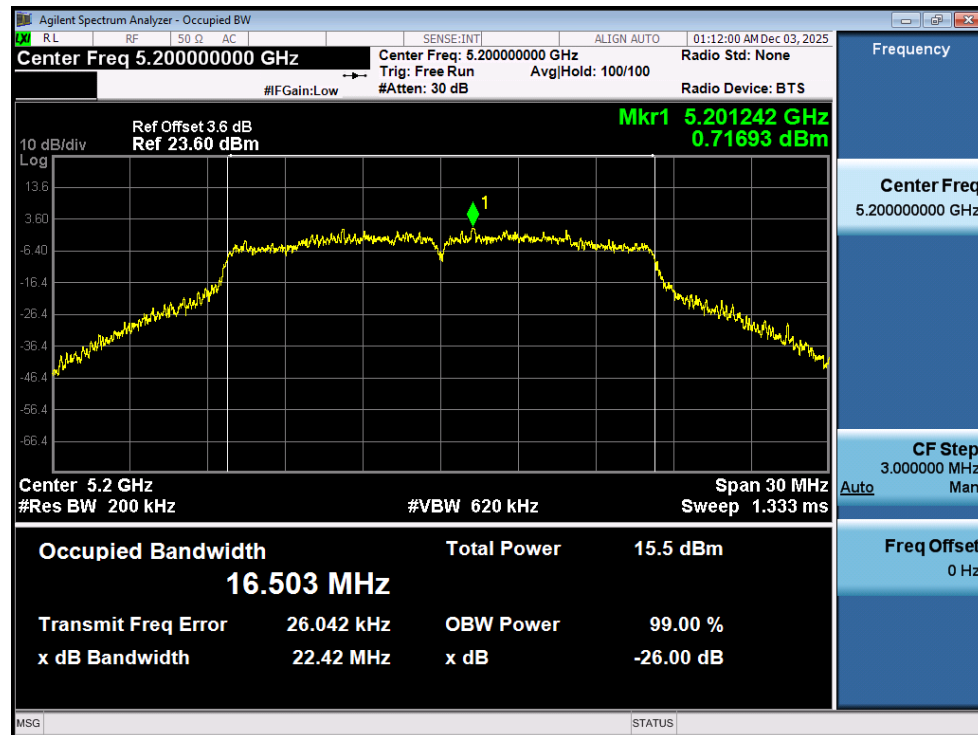
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant B	16.497
		5200		16.503
		5240		16.506
	n20	5180		17.65
		5200		17.655
		5240		17.644
	n40	5190		36.076
		5230		36.015
	ac20	5180		17.646
		5200		17.615
		5240		17.67
	ac40	5190		36.079
		5230		36.006
	ac80	5210		74.992

Test Graphs

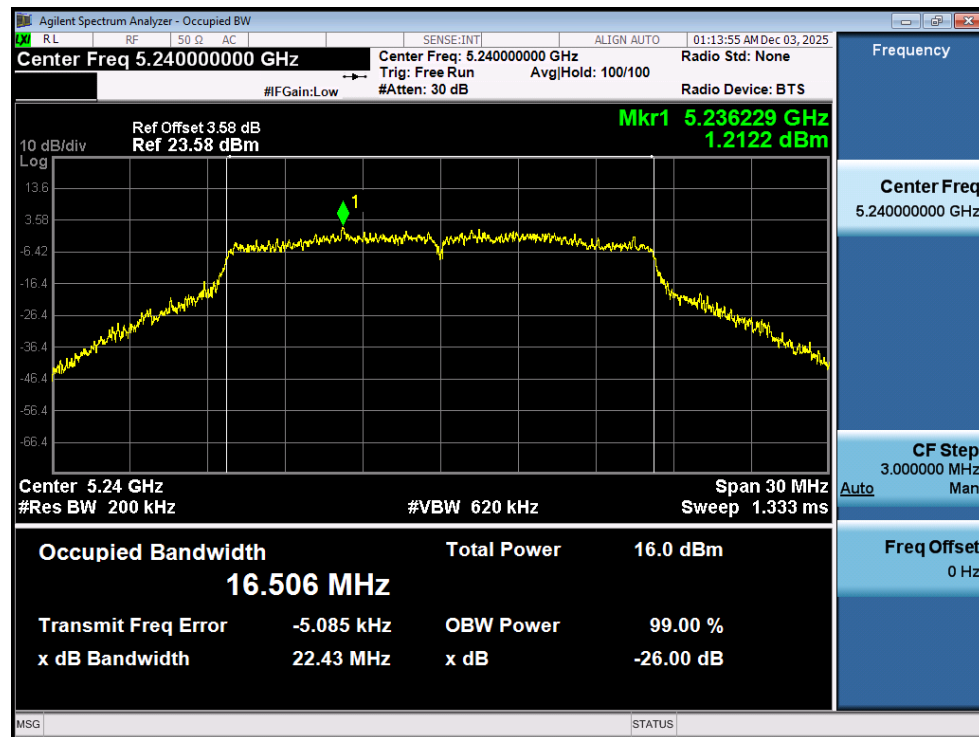
OBW NVNT a 5180MHz Ant B



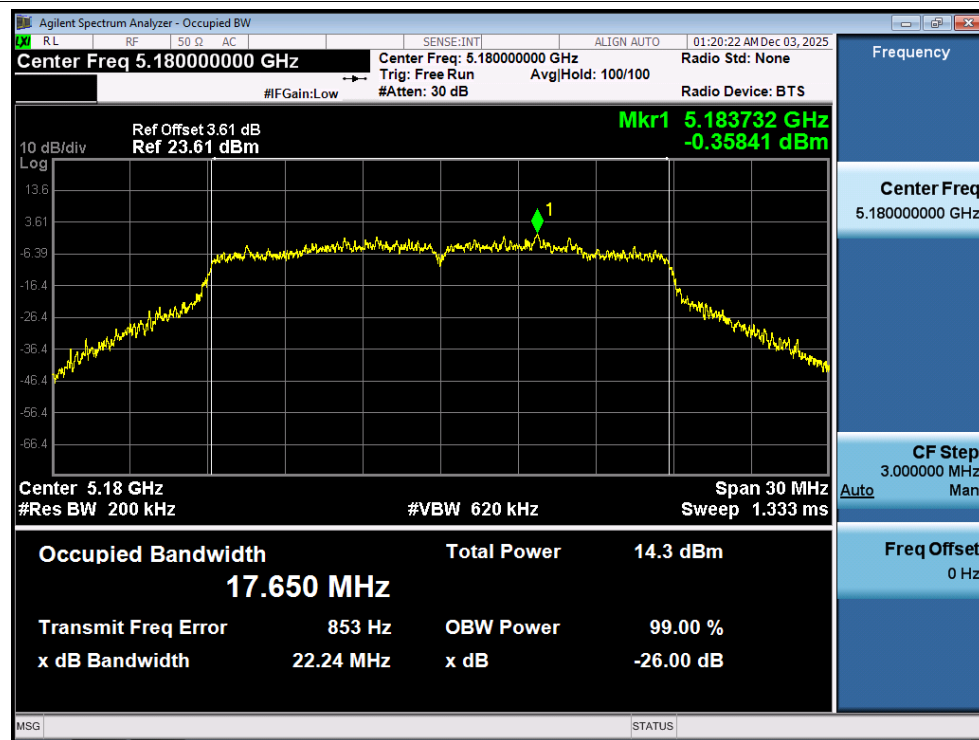
OBW NVNT a 5200MHz Ant B



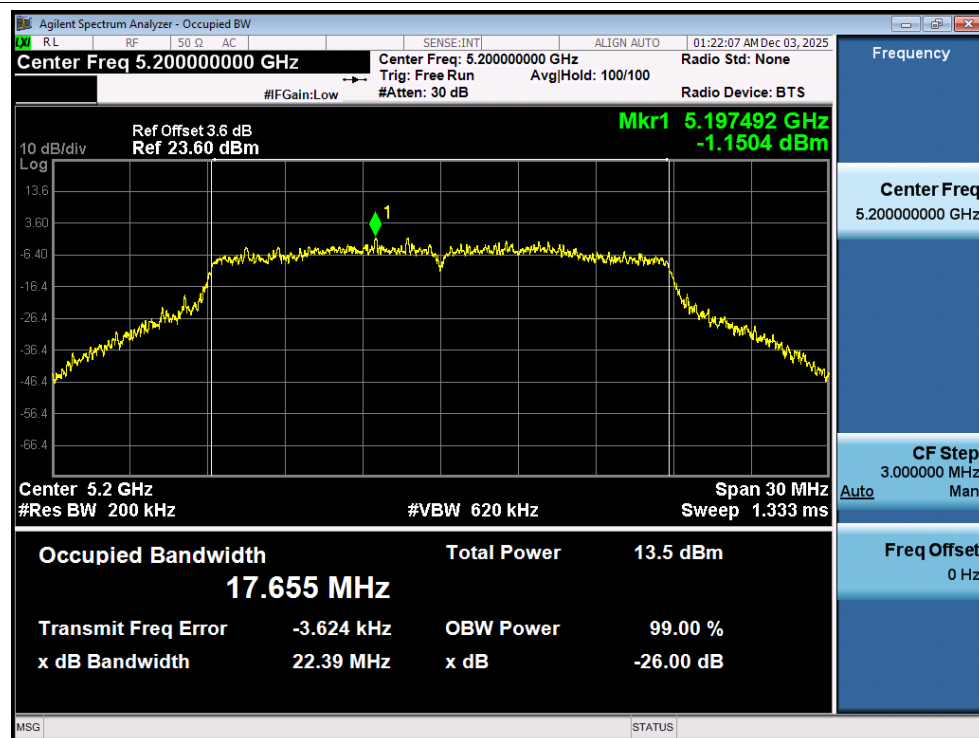
OBW NVNT a 5240MHz Ant B



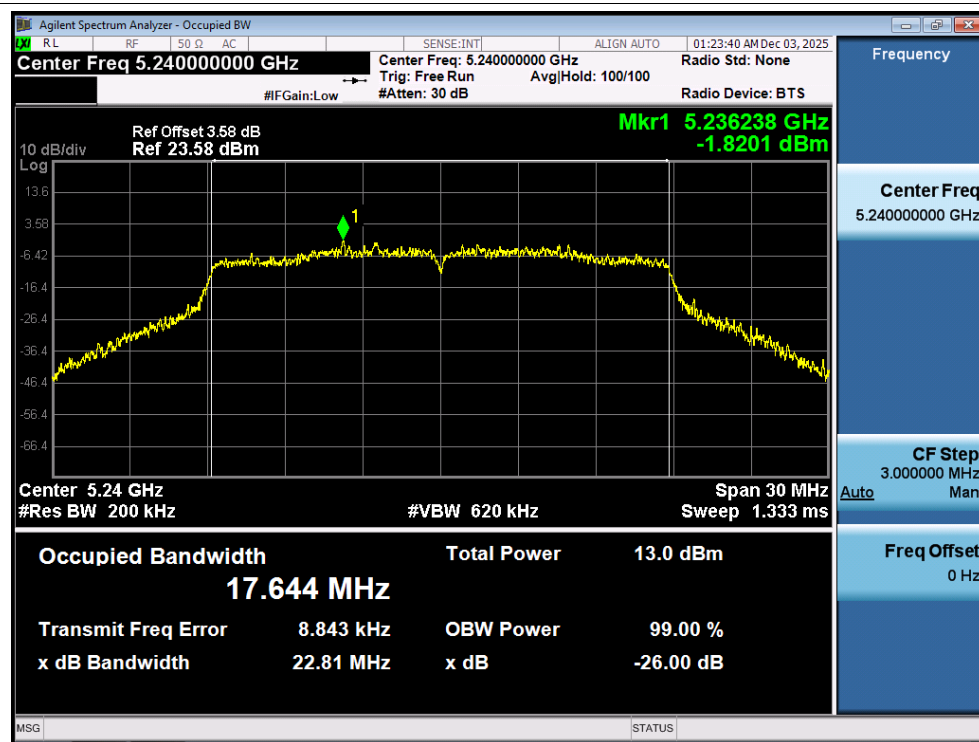
OBW NVNT n20 5180MHz Ant B



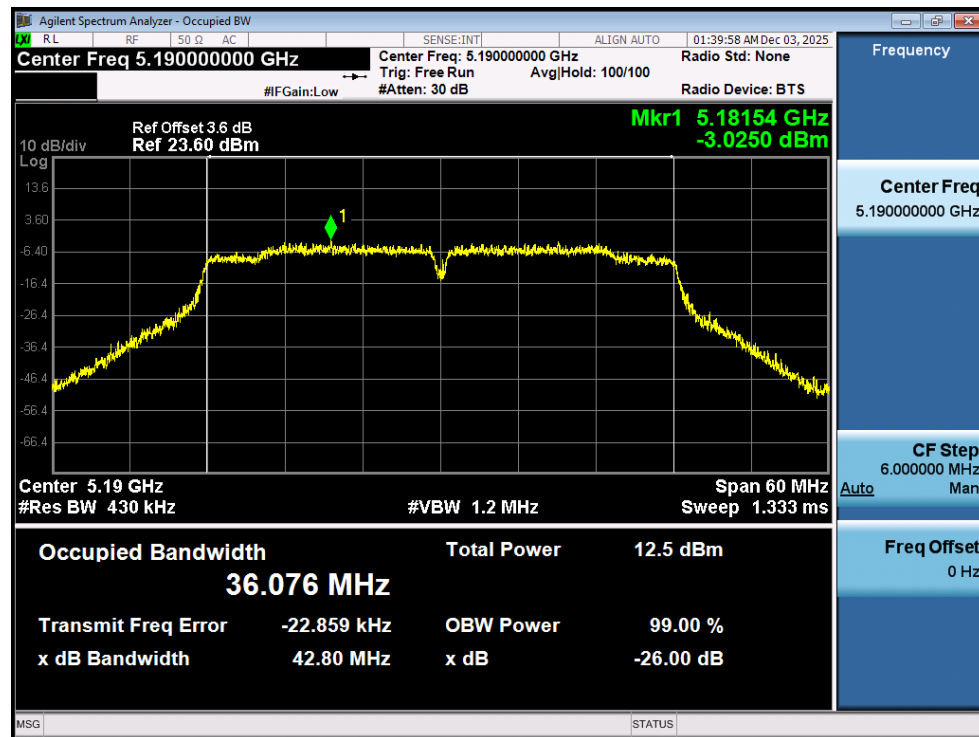
OBW NVNT n20 5200MHz Ant B



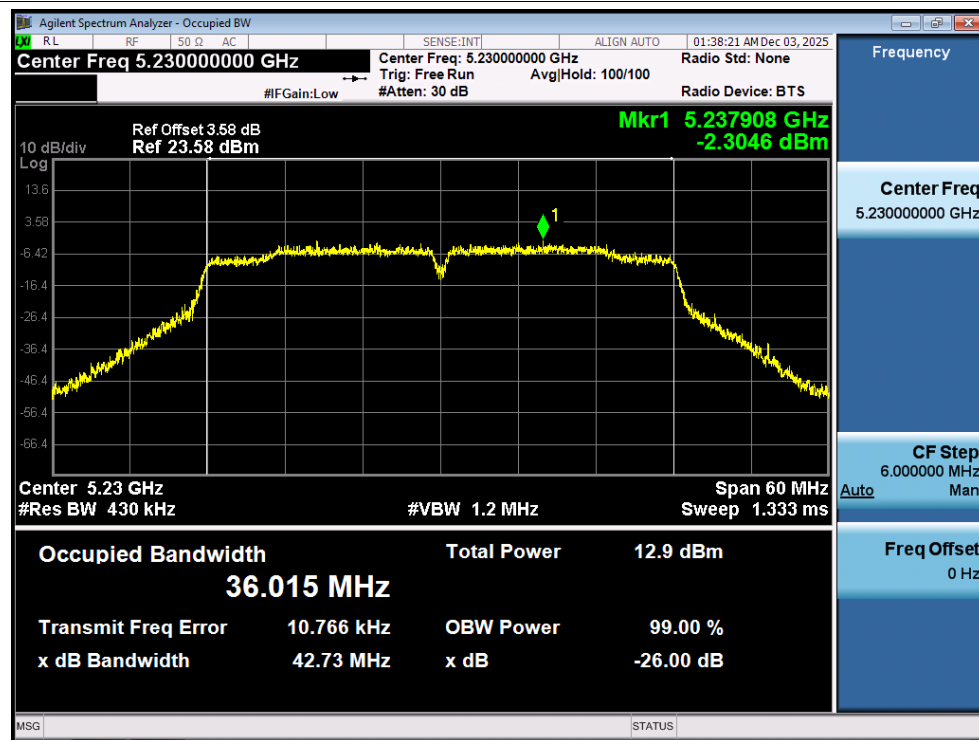
OBW NVNT n20 5240MHz Ant B



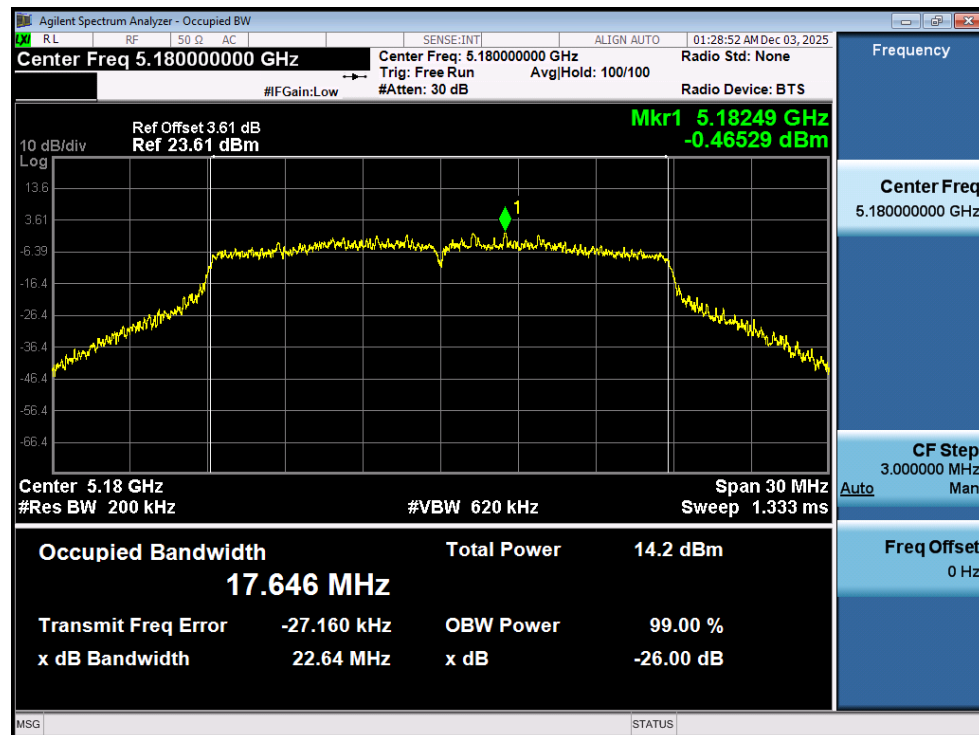
OBW NVNT n40 5190MHz Ant B



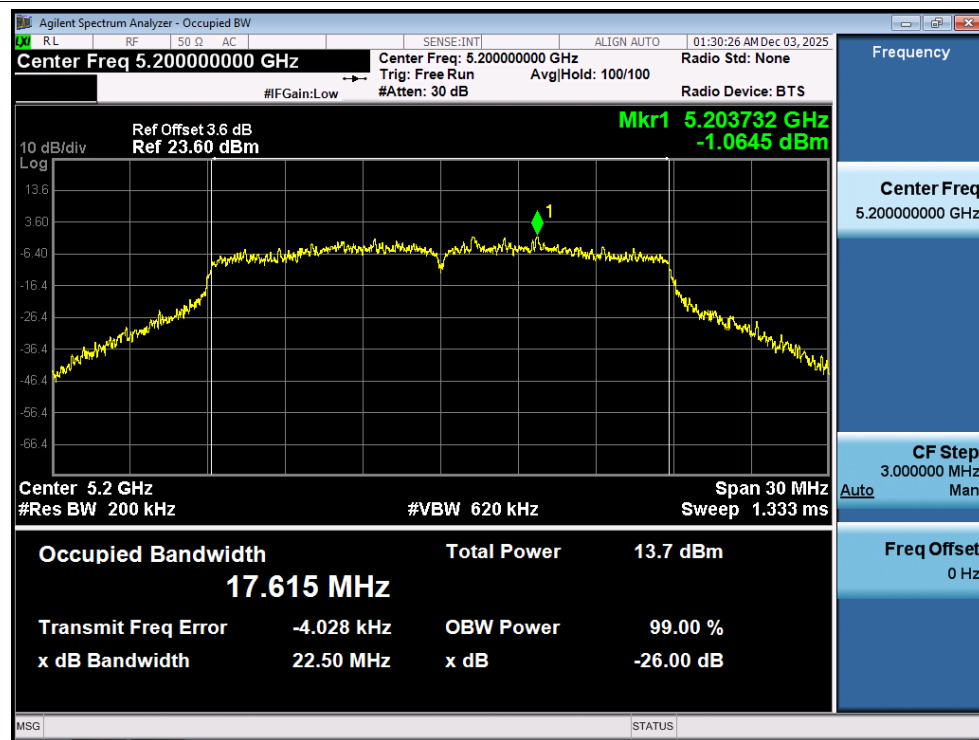
OBW NVNT n40 5230MHz Ant B



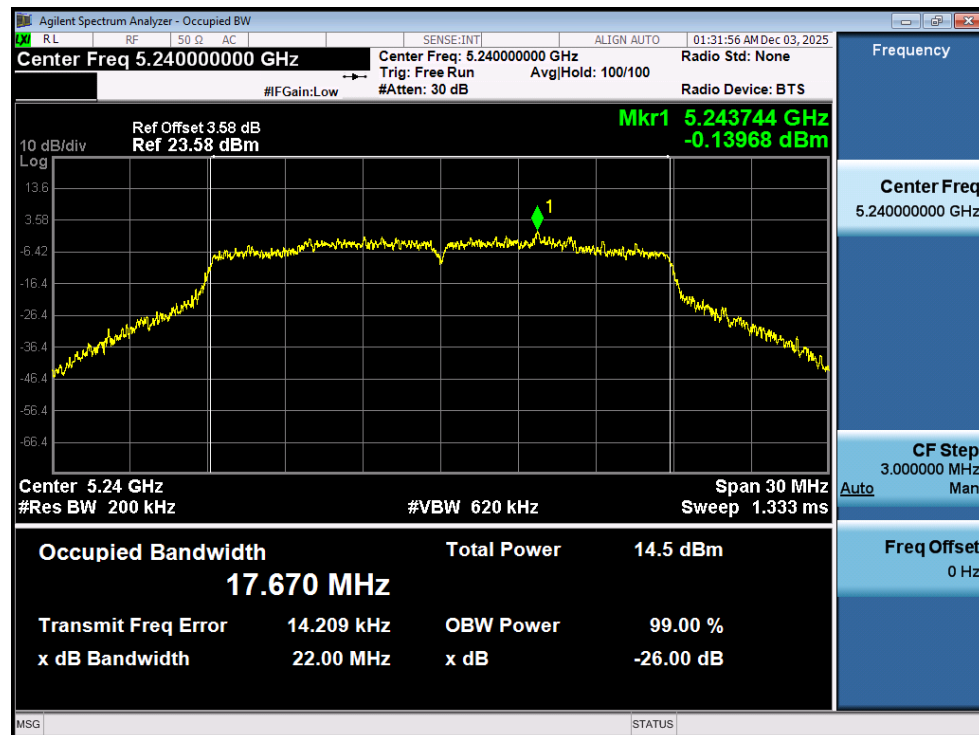
OBW NVNT ac20 5180MHz Ant B



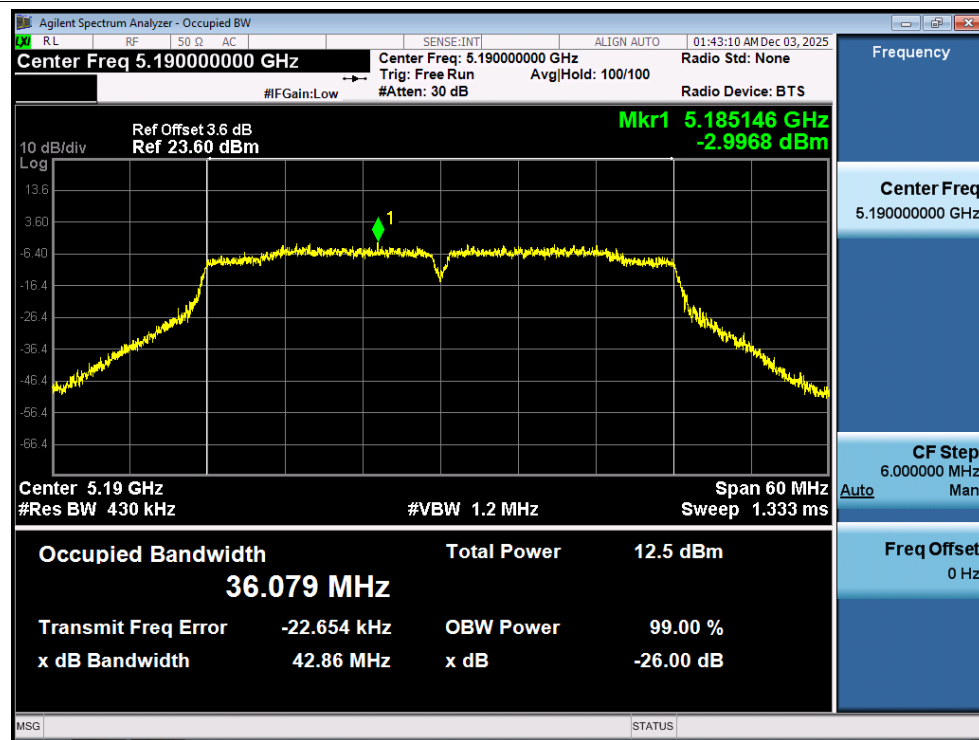
OBW NVNT ac20 5200MHz Ant B



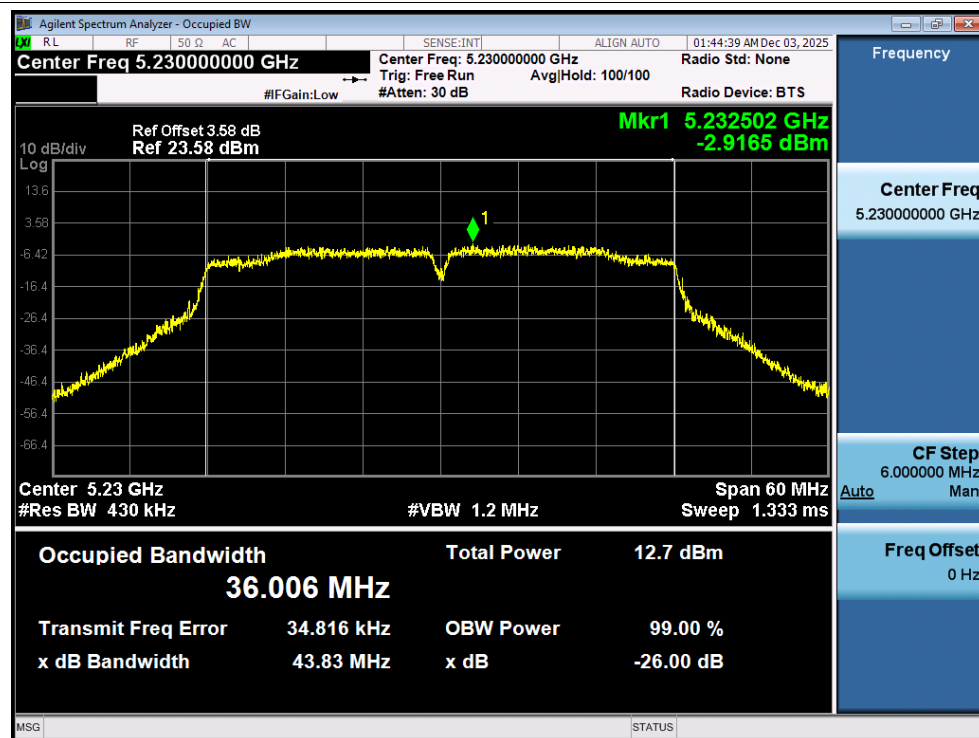
OBW NVNT ac20 5240MHz Ant B



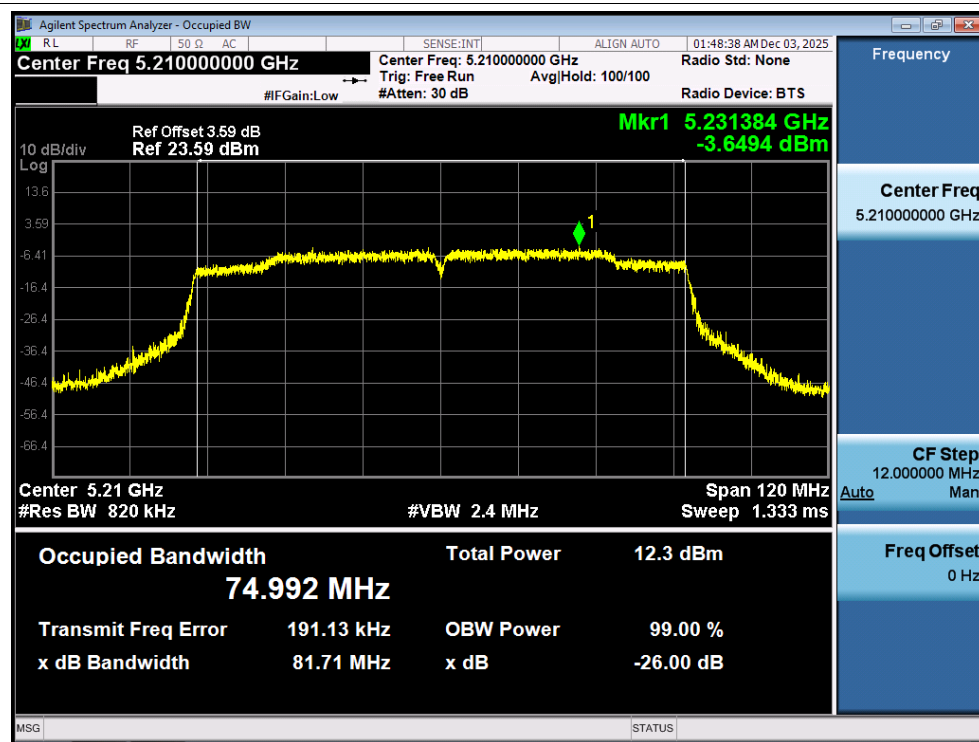
OBW NVNT ac40 5190MHz Ant B



OBW NVNT ac40 5230MHz Ant B



OBW NVNT ac80 5210MHz Ant B



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant B	-0.25	11	Pass
NVNT	a	5200	Ant B	-0.17	11	Pass
NVNT	a	5240	Ant B	0.44	11	Pass
NVNT	n20	5180	Ant B	-1.72	11	Pass
NVNT	n20	5200	Ant B	-2.47	11	Pass
NVNT	n20	5240	Ant B	-2.67	11	Pass
NVNT	n40	5190	Ant B	-6.89	11	Pass
NVNT	n40	5230	Ant B	-6.18	11	Pass
NVNT	ac20	5180	Ant B	-1.86	11	Pass
NVNT	ac20	5200	Ant B	-2.49	11	Pass
NVNT	ac20	5240	Ant B	-1.34	11	Pass
NVNT	ac40	5190	Ant B	-6.94	11	Pass
NVNT	ac40	5230	Ant B	-6.27	11	Pass
NVNT	ac80	5210	Ant B	-10.82	11	Pass

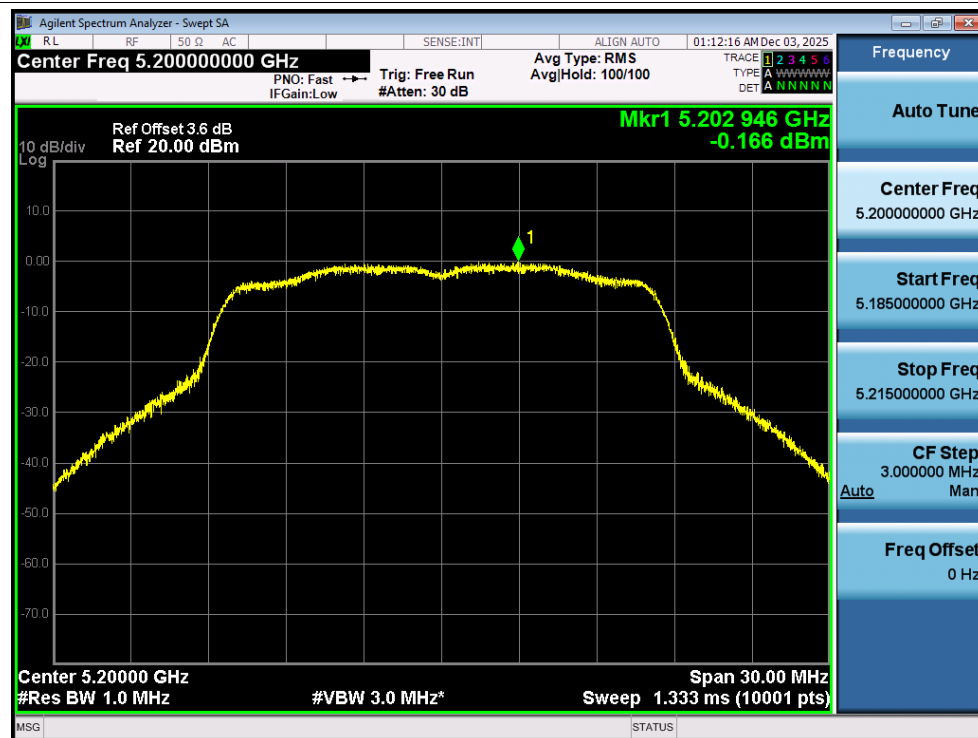
This product does not support MIMO mode and is a single-transmit-single-receive type.

Test Graphs

PSD NVNT a 5180MHz Ant B



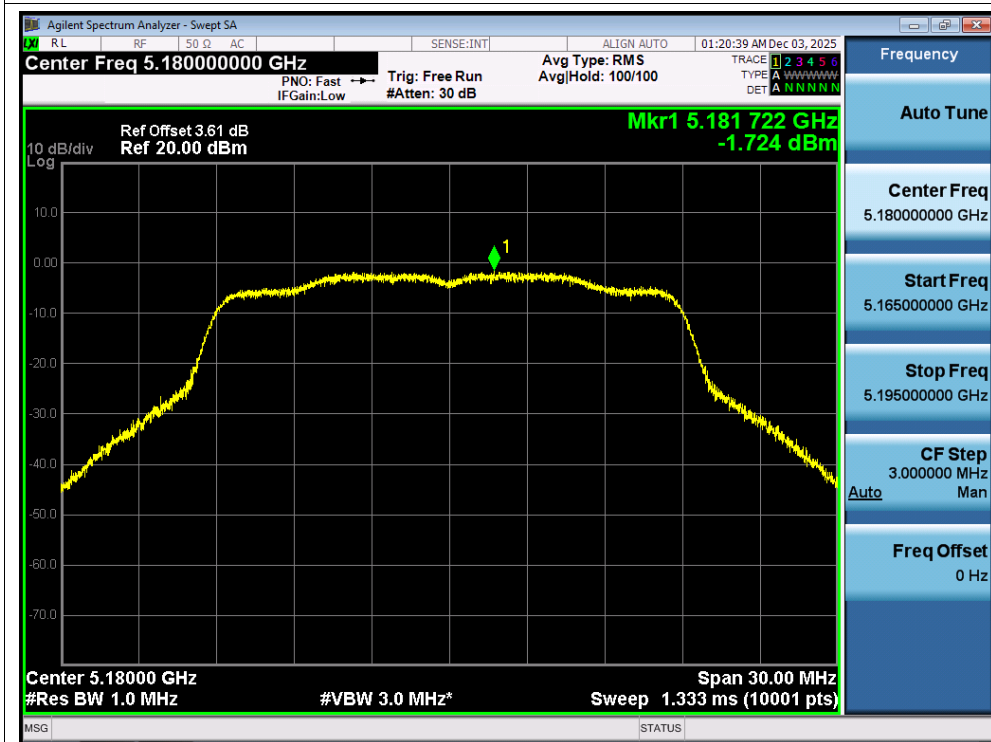
PSD NVNT a 5200MHz Ant B



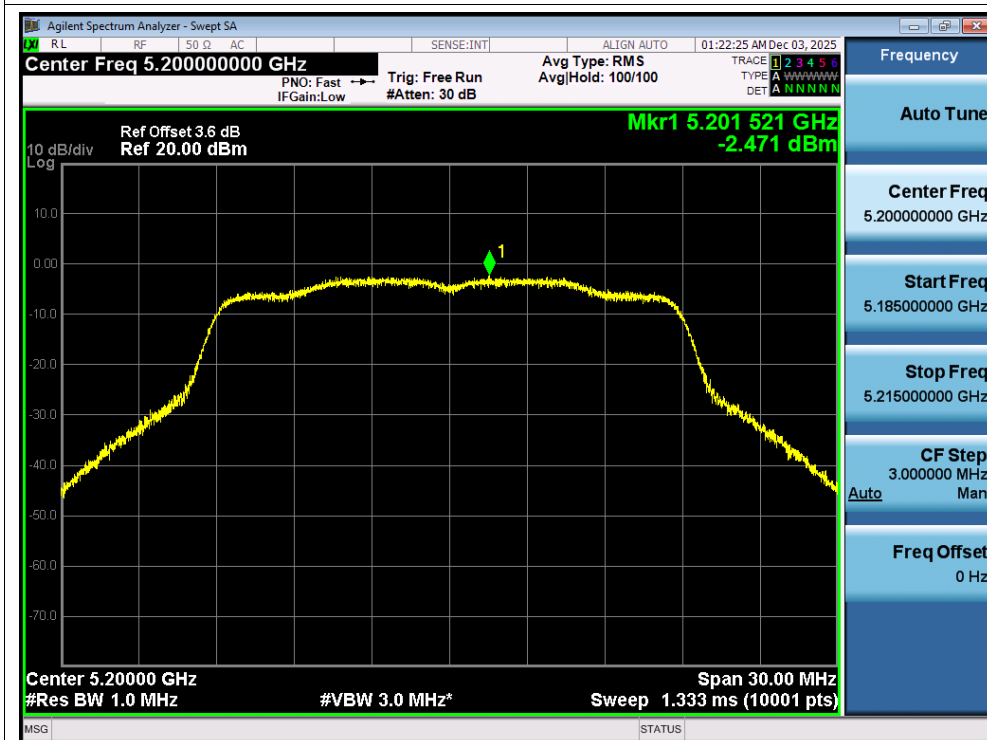
PSD NVNT a 5240MHz Ant B



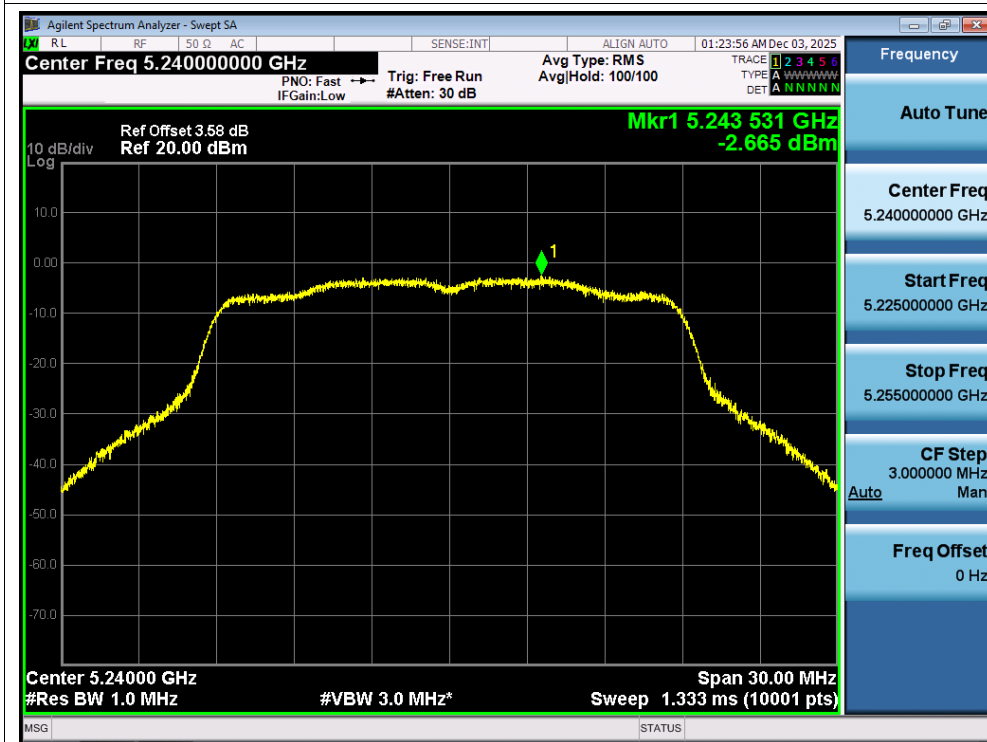
PSD NVNT n20 5180MHz Ant B



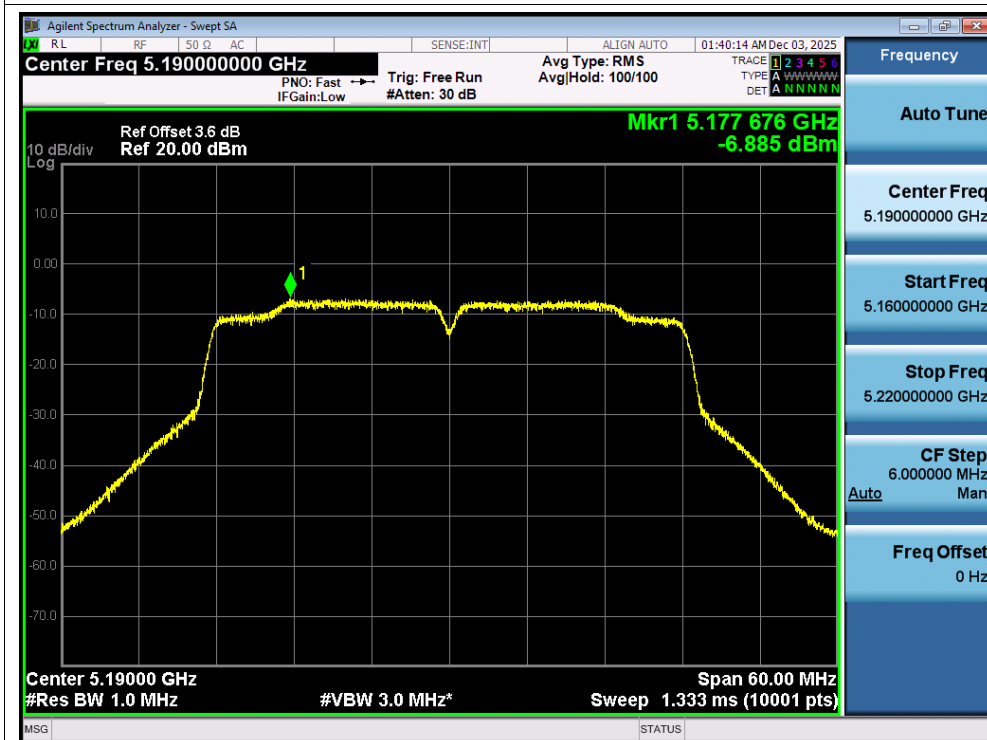
PSD NVNT n20 5200MHz Ant B



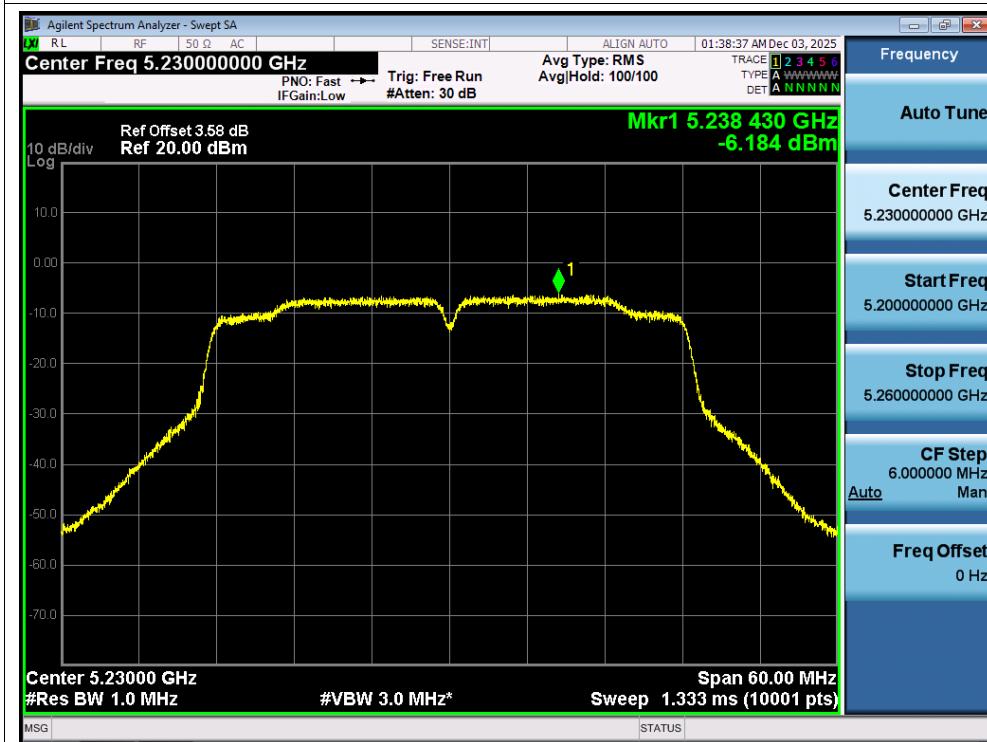
PSD NVNT n20 5240MHz Ant B



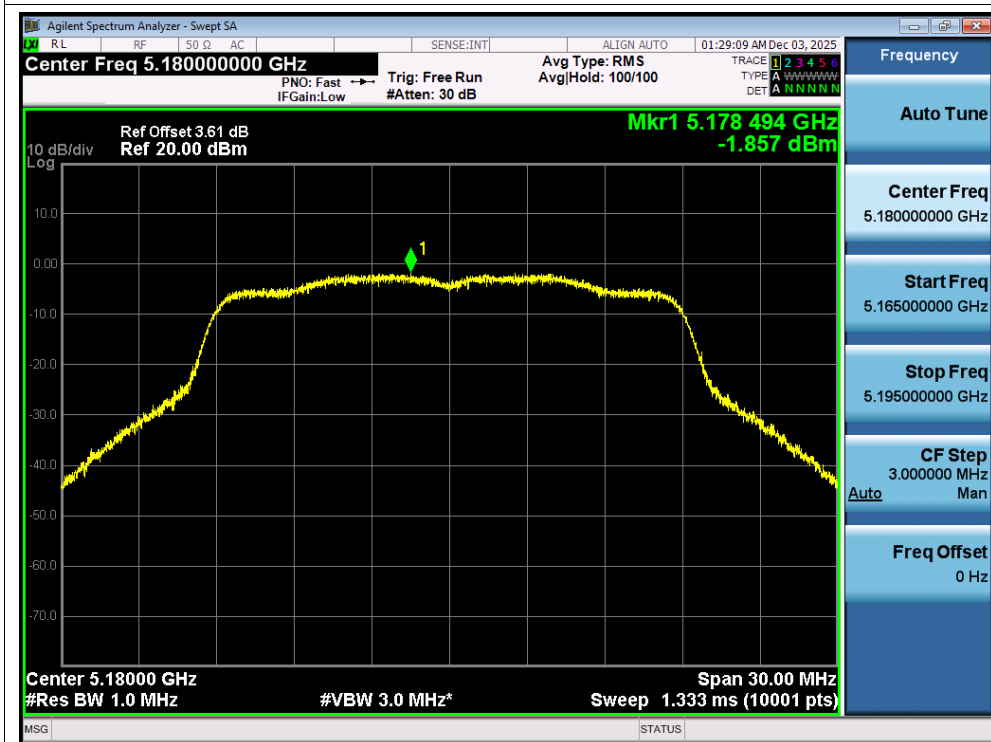
PSD NVNT n40 5190MHz Ant B



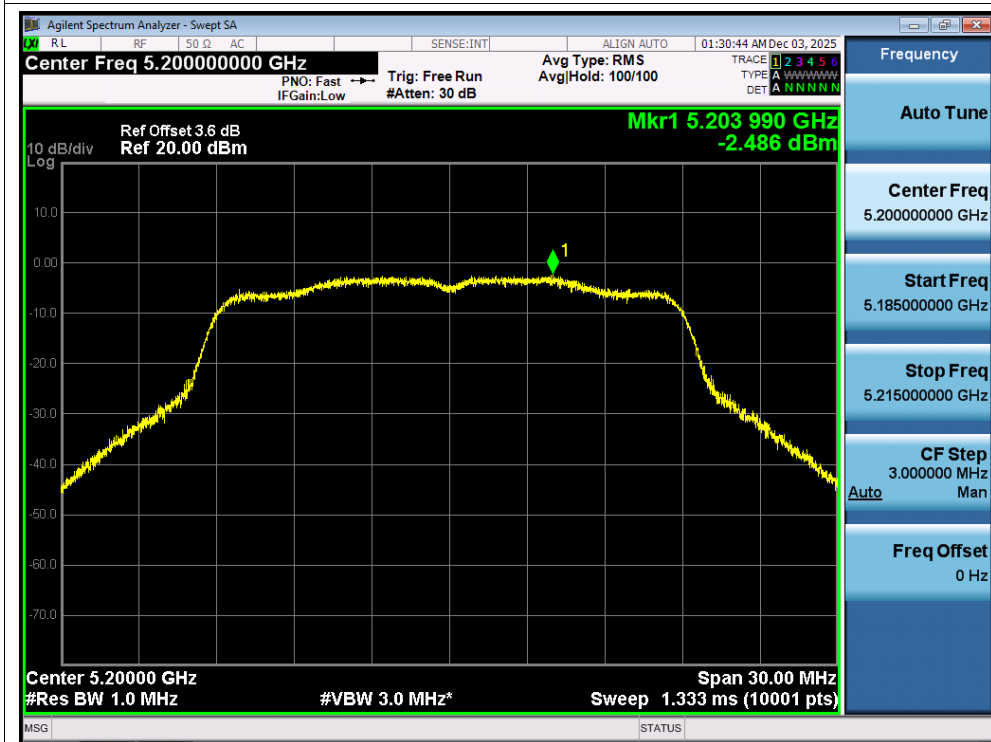
PSD NVNT n40 5230MHz Ant B



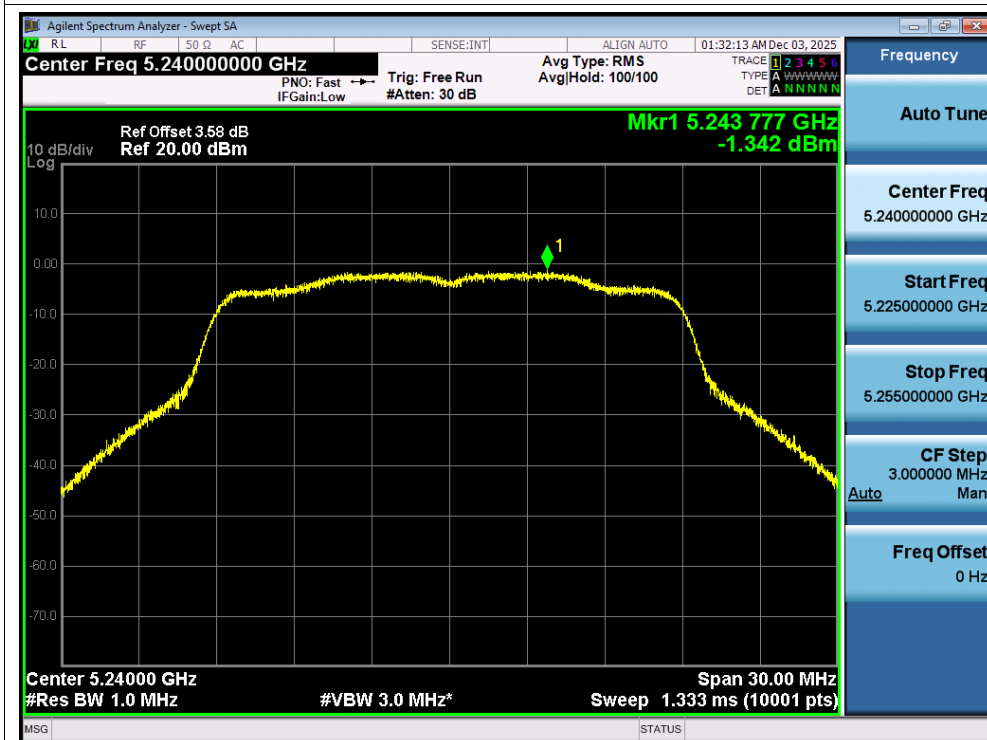
PSD NVNT ac20 5180MHz Ant B



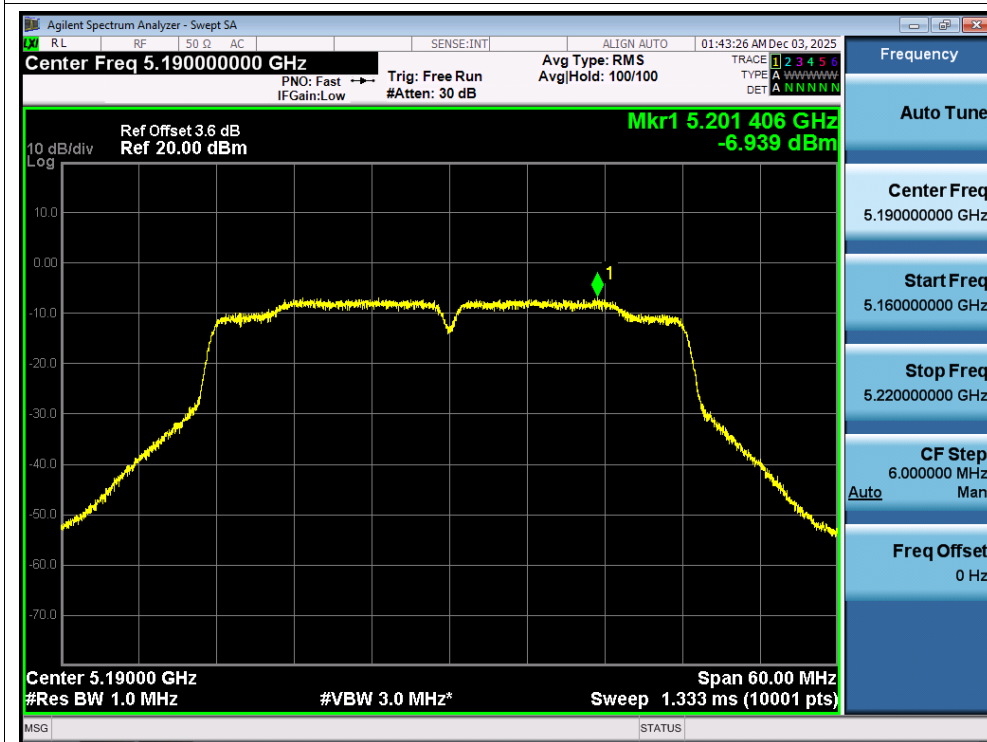
PSD NVNT ac20 5200MHz Ant B



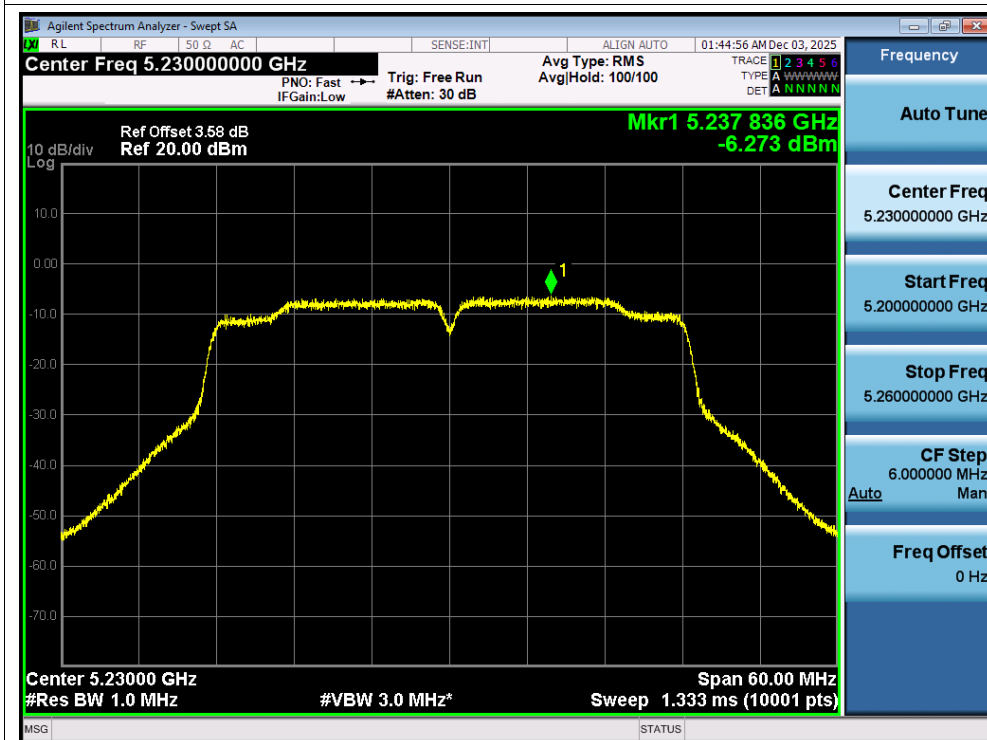
PSD NVNT ac20 5240MHz Ant B



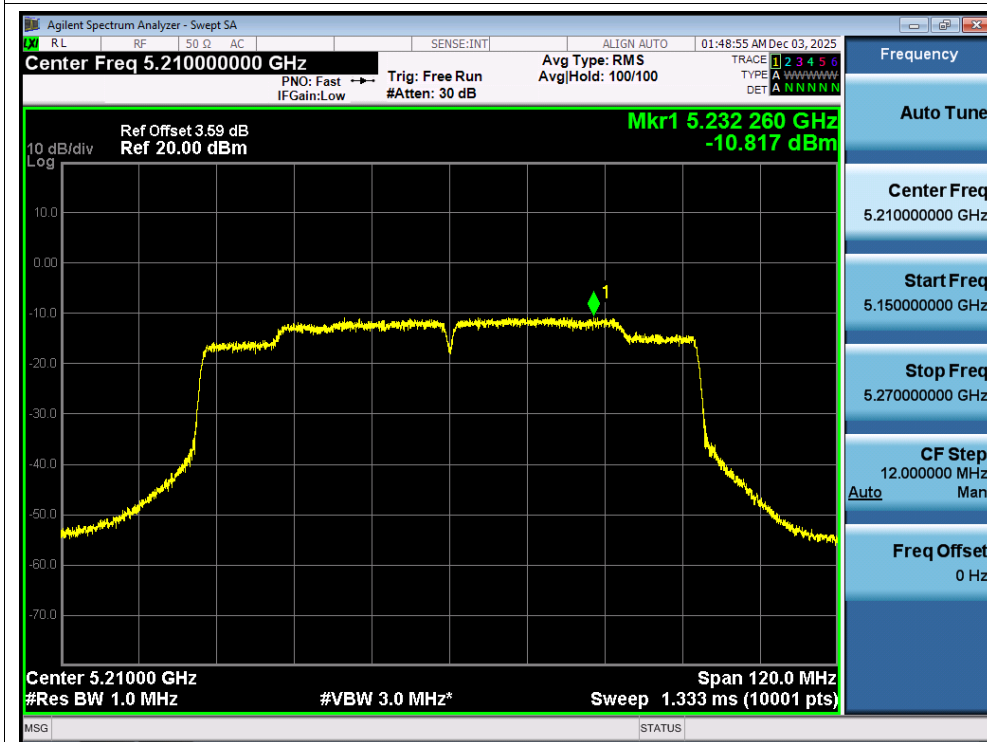
PSD NVNT ac40 5190MHz Ant B



PSD NVNT ac40 5230MHz Ant B



PSD NVNT ac80 5210MHz Ant B

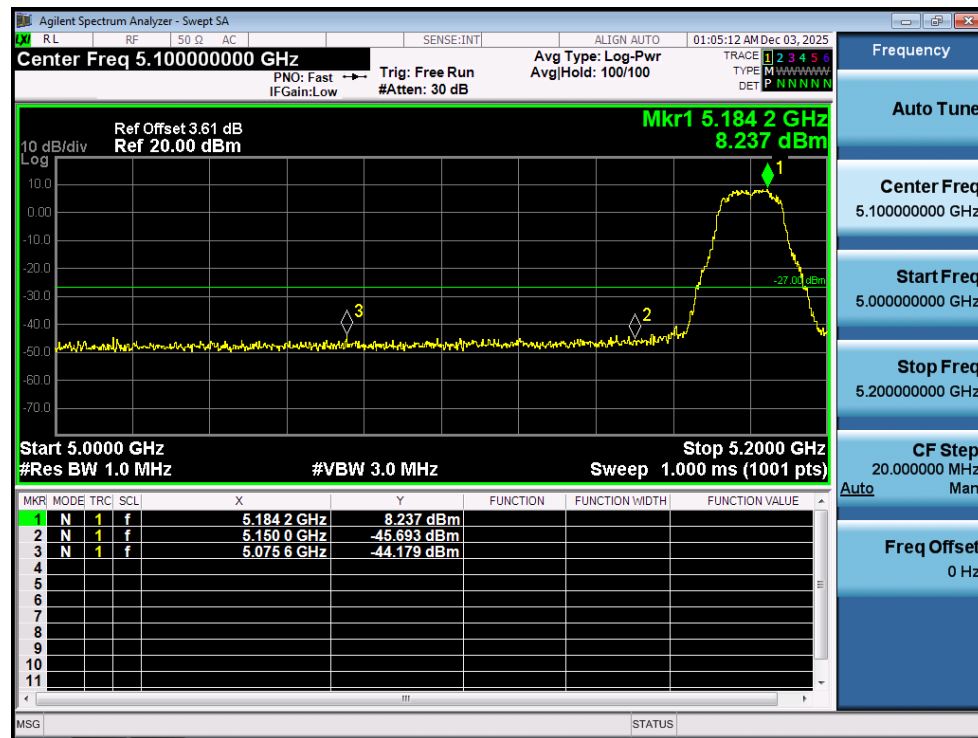


Band Edge

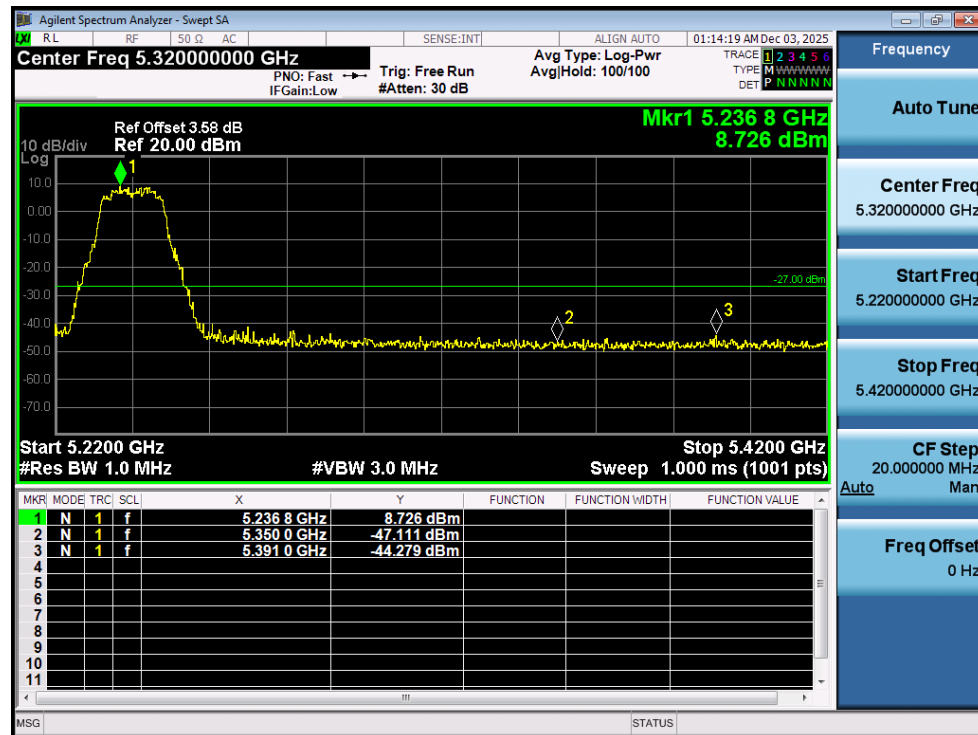
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant B	-44.17	-27	Pass
		5240		-44.27	-27	Pass
	n20	5180		-44.11	-27	Pass
		5240		-45.12	-27	Pass
	n40	5190		-44.9	-27	Pass
		5230		-45.66	-27	Pass
	ac20	5180		-44.77	-27	Pass
		5240		-45.09	-27	Pass
	ac40	5190		-44.2	-27	Pass
		5230		-45.98	-27	Pass
	ac80	5210		-43.18	-27	Pass
				-42.91	-27	Pass

Test Graphs

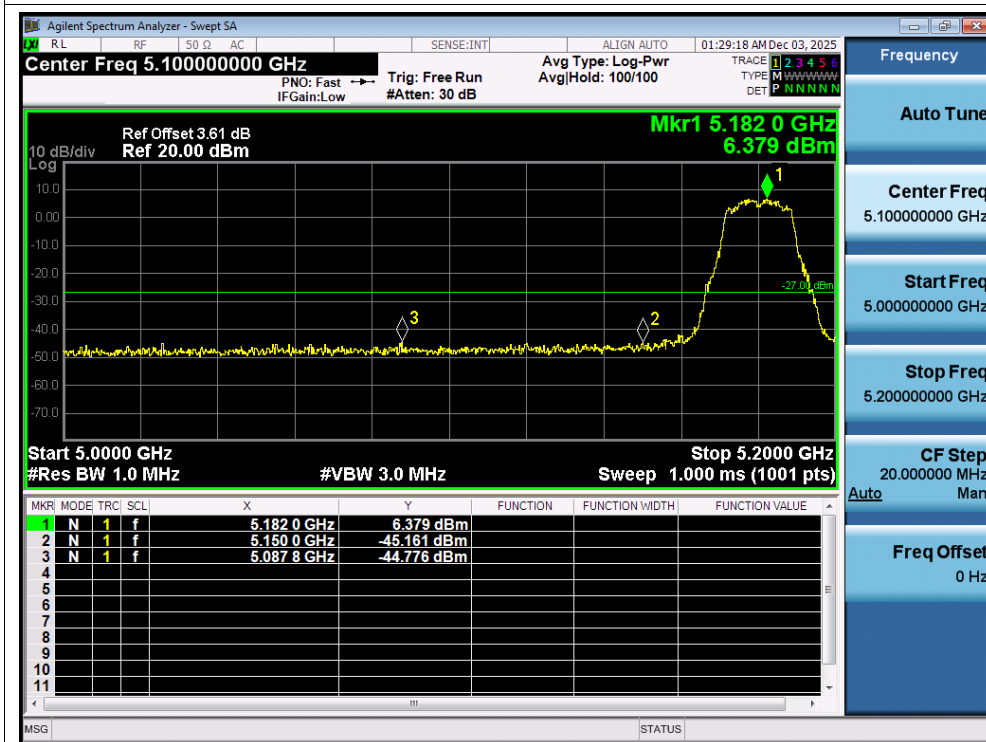
Band Edge NVNT a 5180MHz Low Ant B



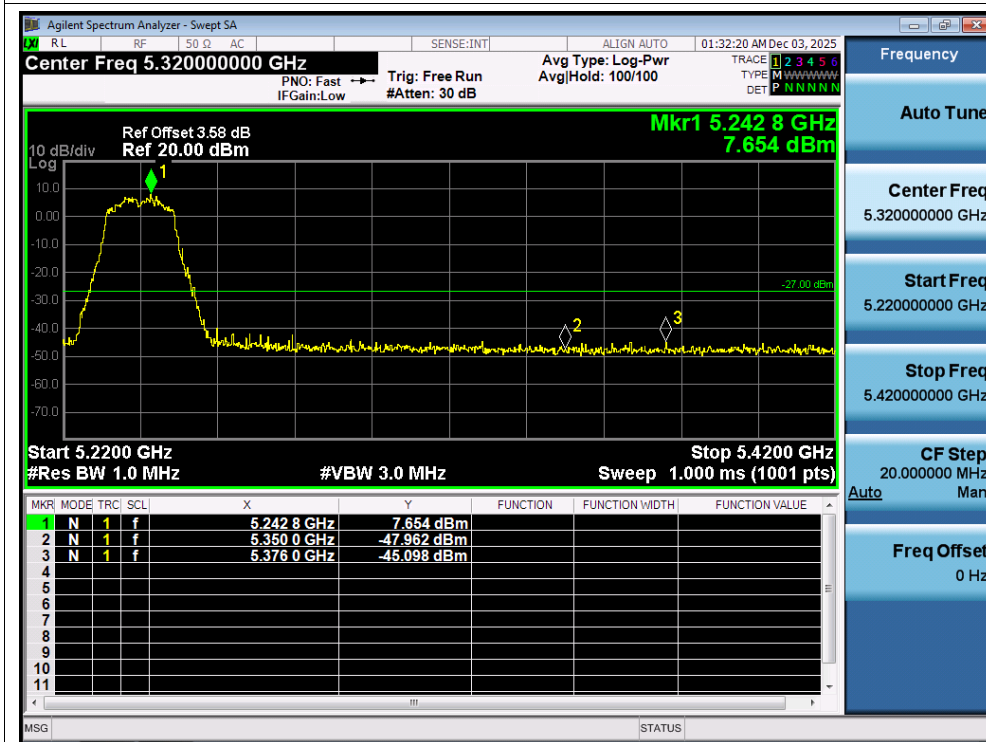
Band Edge NVNT a 5240MHz High Ant B



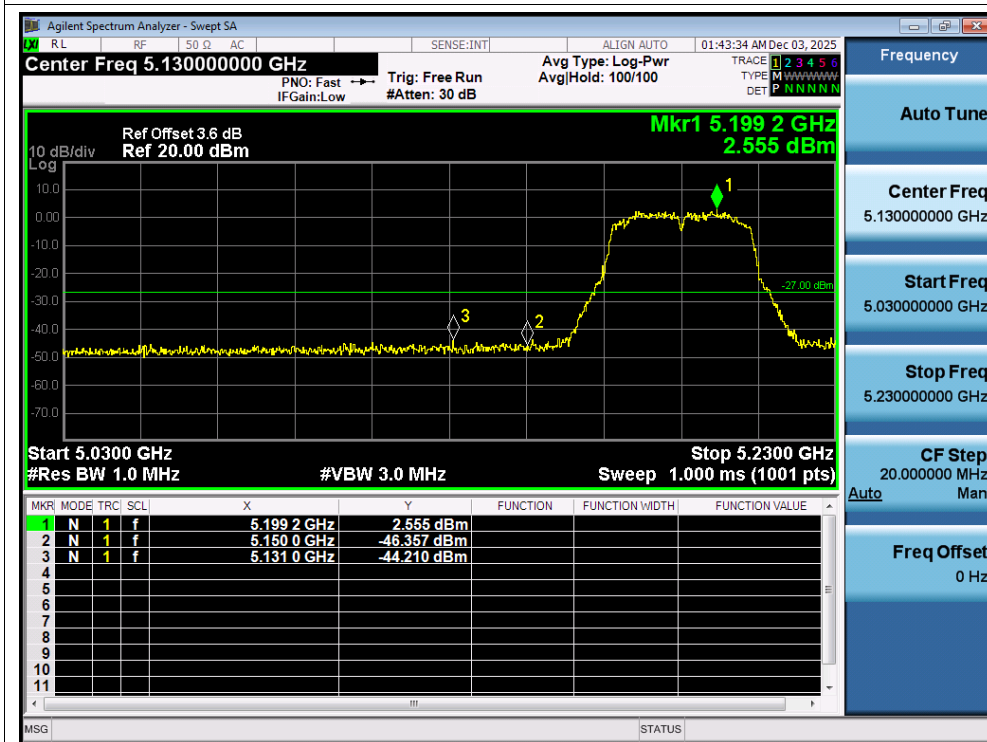
Band Edge NVNT ac20 5180MHz Low Ant B



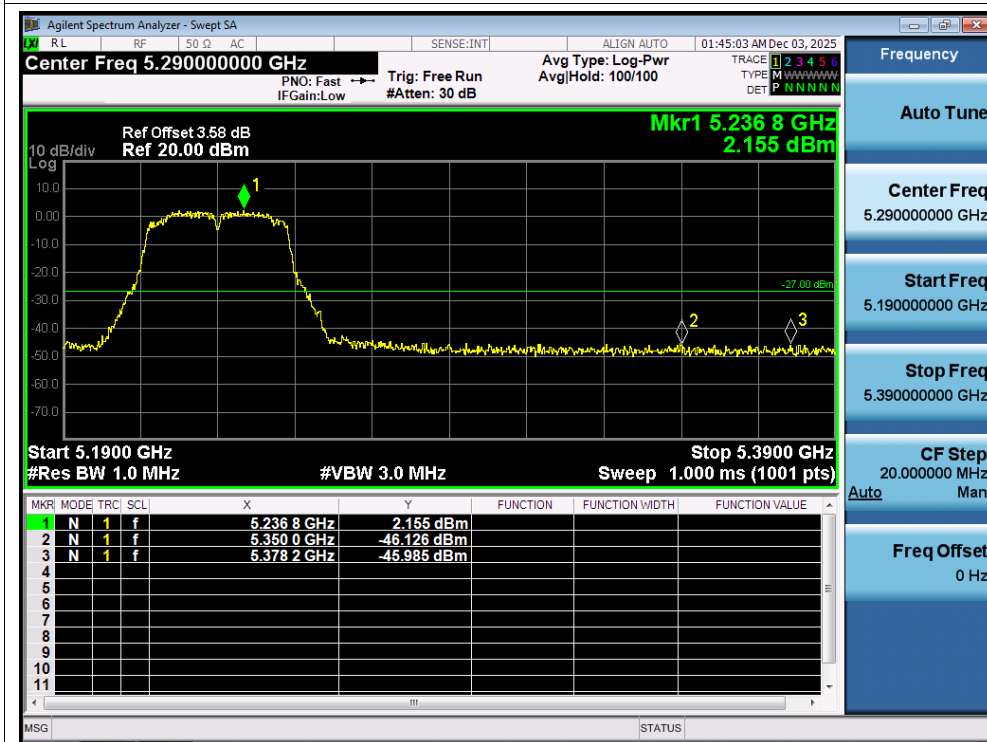
Band Edge NVNT ac20 5240MHz High Ant B



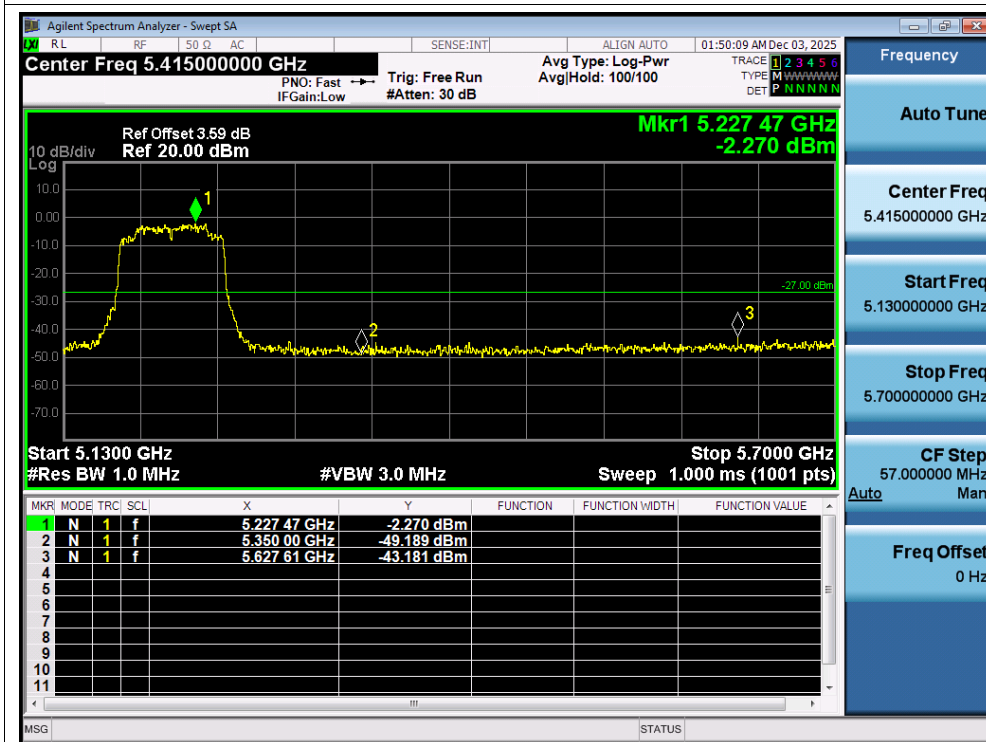
Band Edge NVNT ac40 5190MHz Low Ant B



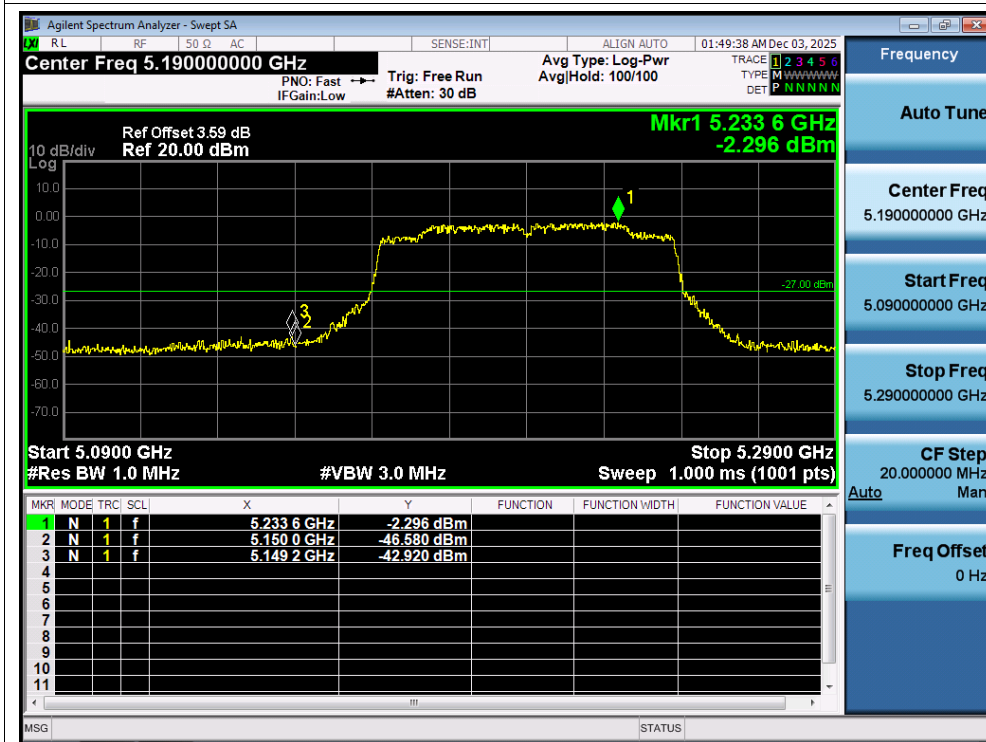
Band Edge NVNT ac40 5230MHz High Ant B



Band Edge NVNT ac80 5210MHz High Ant B



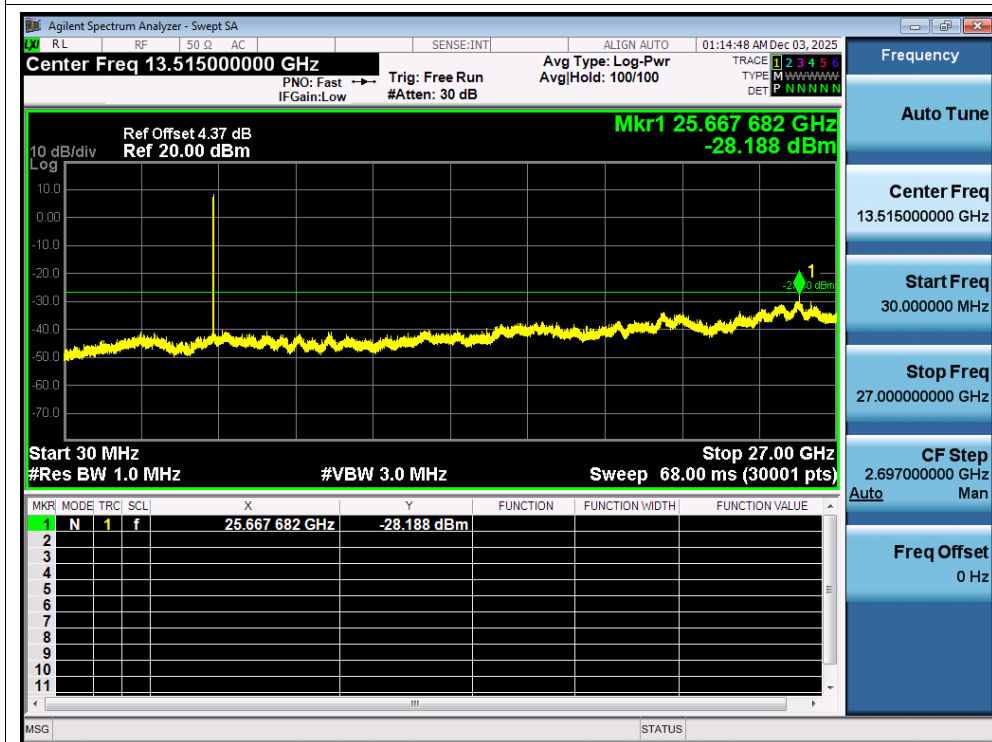
Band Edge NVNT ac80 5210MHz Low Ant B



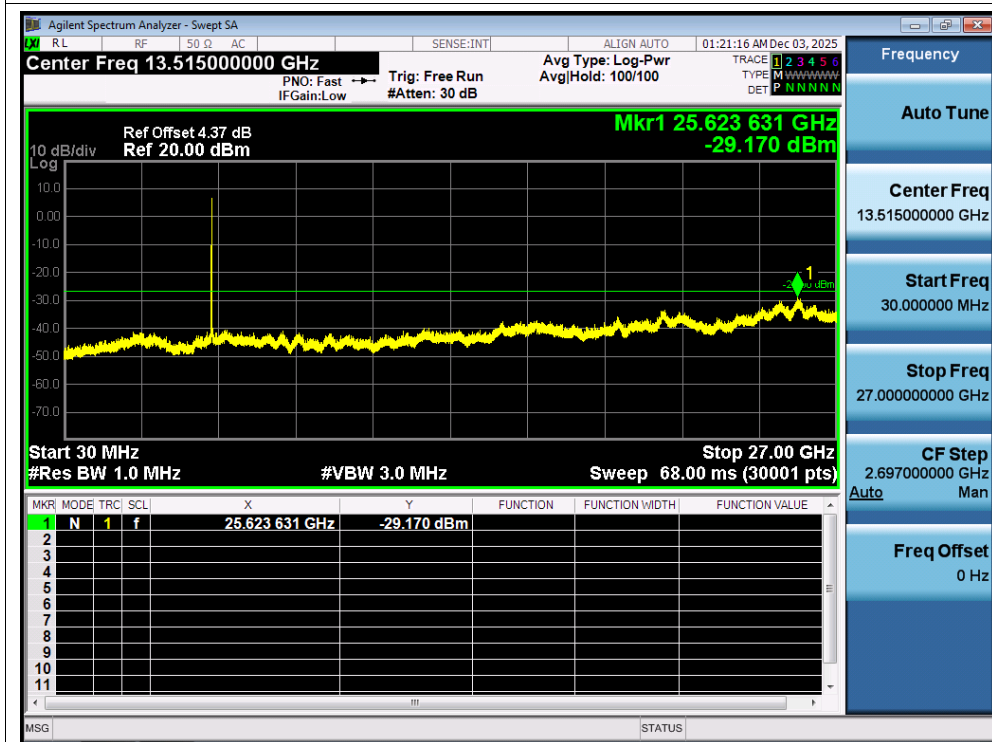
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant B	-28.72	-27	Pass
		5200		-28.65	-27	Pass
		5240		-28.18	-27	Pass
	n20	5180		-29.17	-27	Pass
		5200		-29.18	-27	Pass
		5240		-28.87	-27	Pass
	n40	5190		-29.3	-27	Pass
		5230		-29.1	-27	Pass
	ac20	5180		-29.33	-27	Pass
		5200		-29.52	-27	Pass
		5240		-28.9	-27	Pass
	ac40	5190		-28.87	-27	Pass
		5230		-29.38	-27	Pass
	ac80	5210		-29.3	-27	Pass

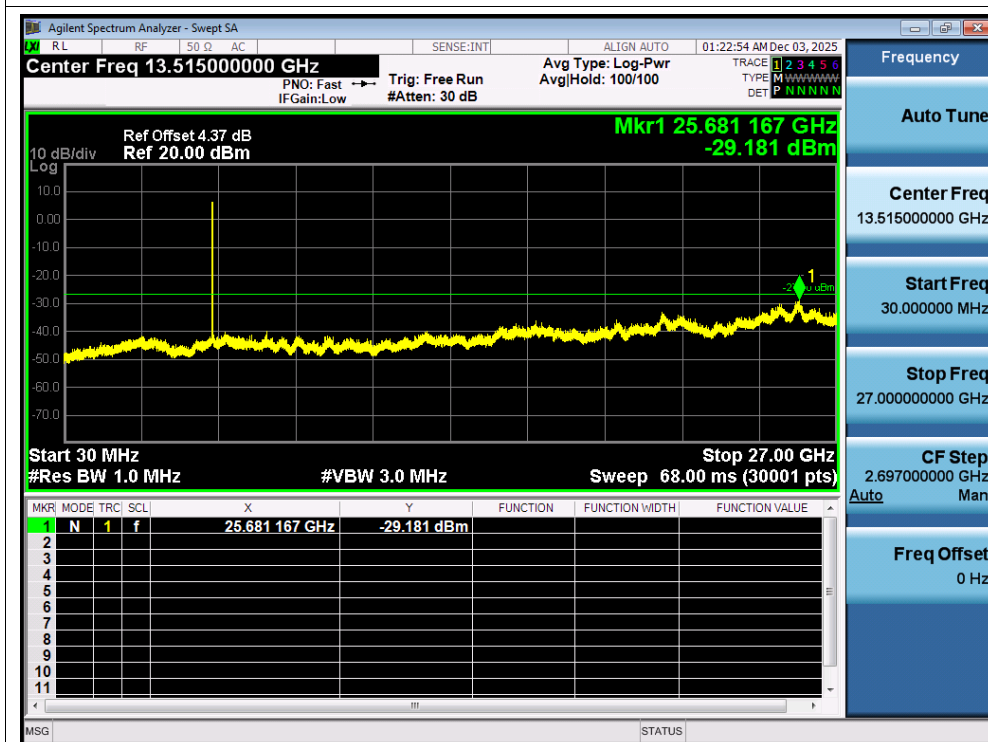
Tx. Spurious NVNT a 5240MHz Ant B Emission



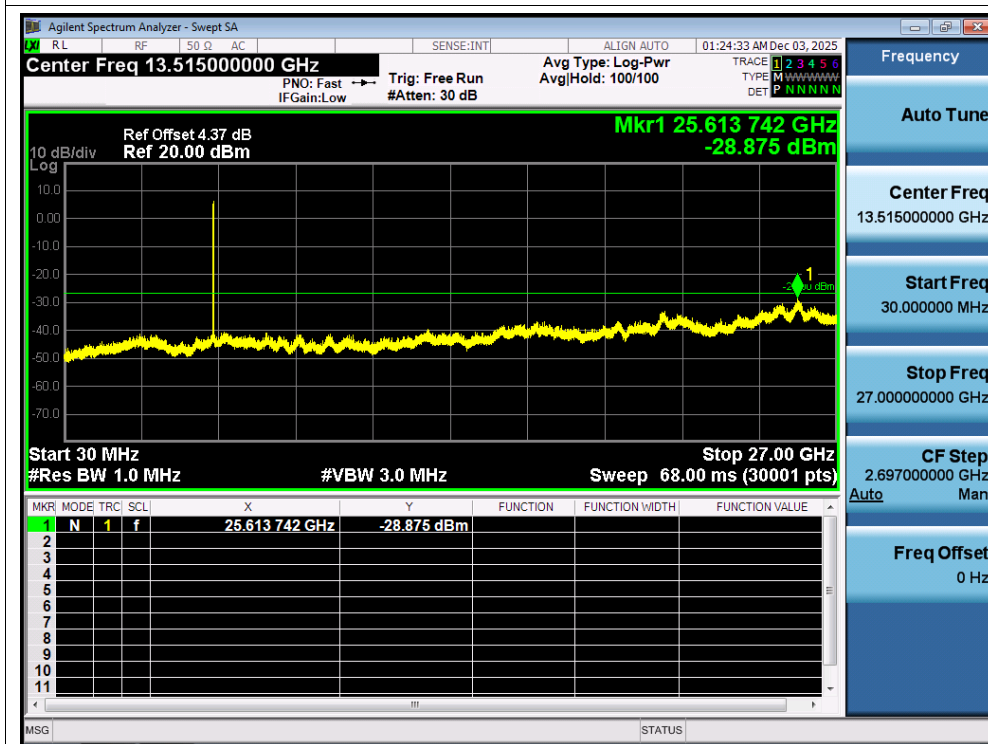
Tx. Spurious NVNT n20 5180MHz Ant B Emission



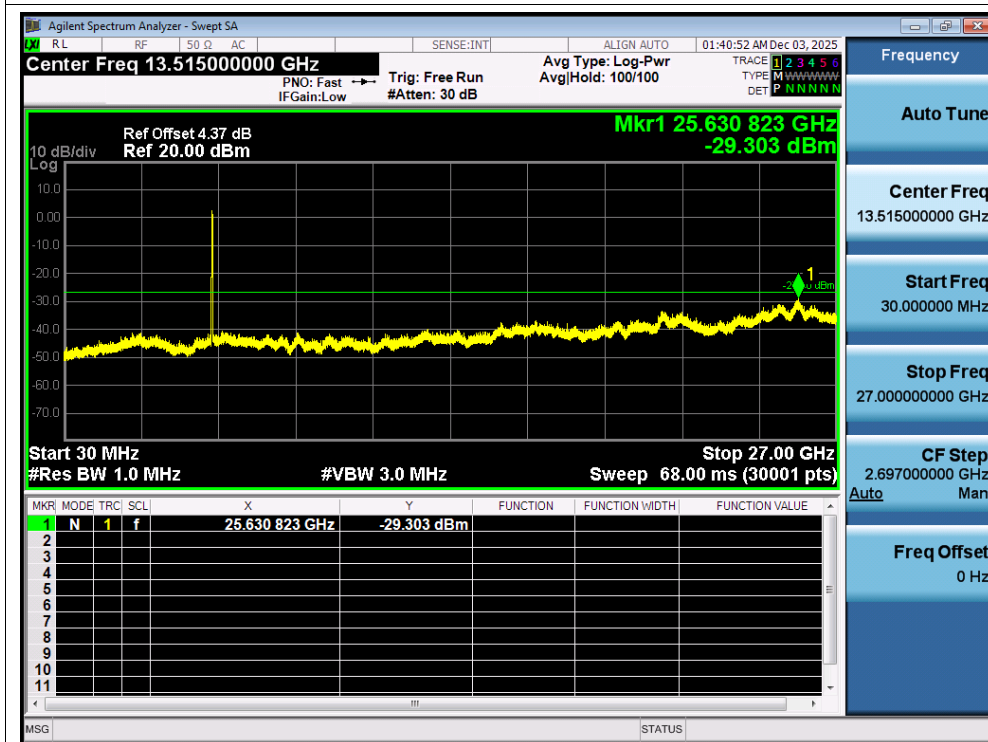
Tx. Spurious NVNT n20 5200MHz Ant B Emission



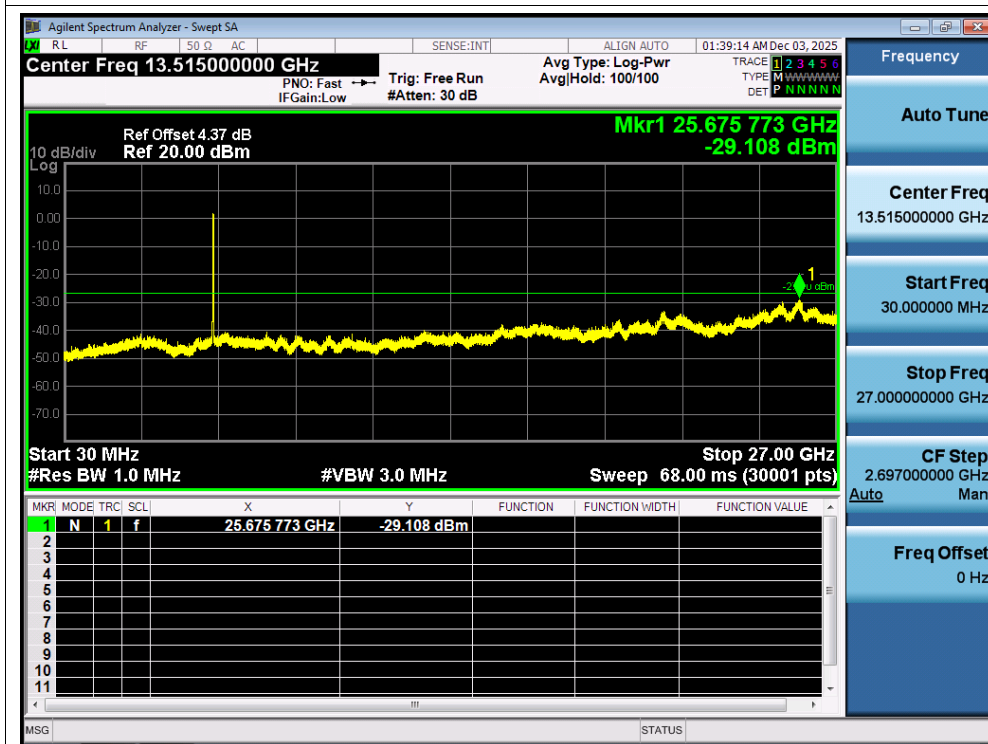
Tx. Spurious NVNT n20 5240MHz Ant B Emission



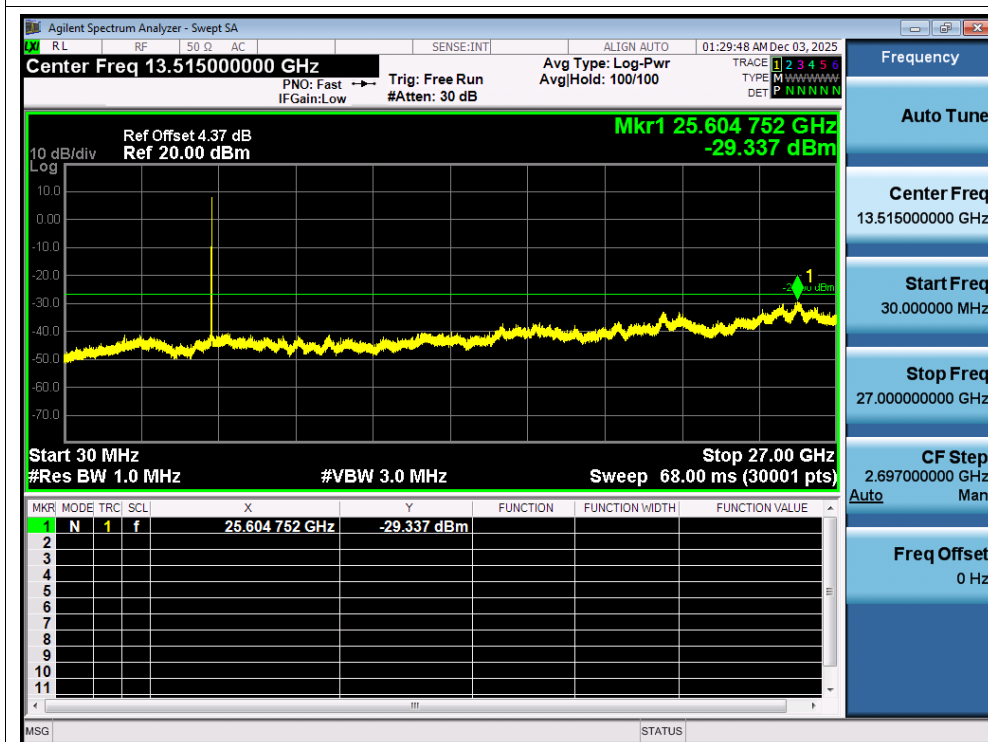
Tx. Spurious NVNT n40 5190MHz Ant B Emission



Tx. Spurious NVNT n40 5230MHz Ant B Emission



Tx. Spurious NVNT ac20 5180MHz Ant B Emission



Tx. Spurious NVNT ac20 5200MHz Ant B Emission

