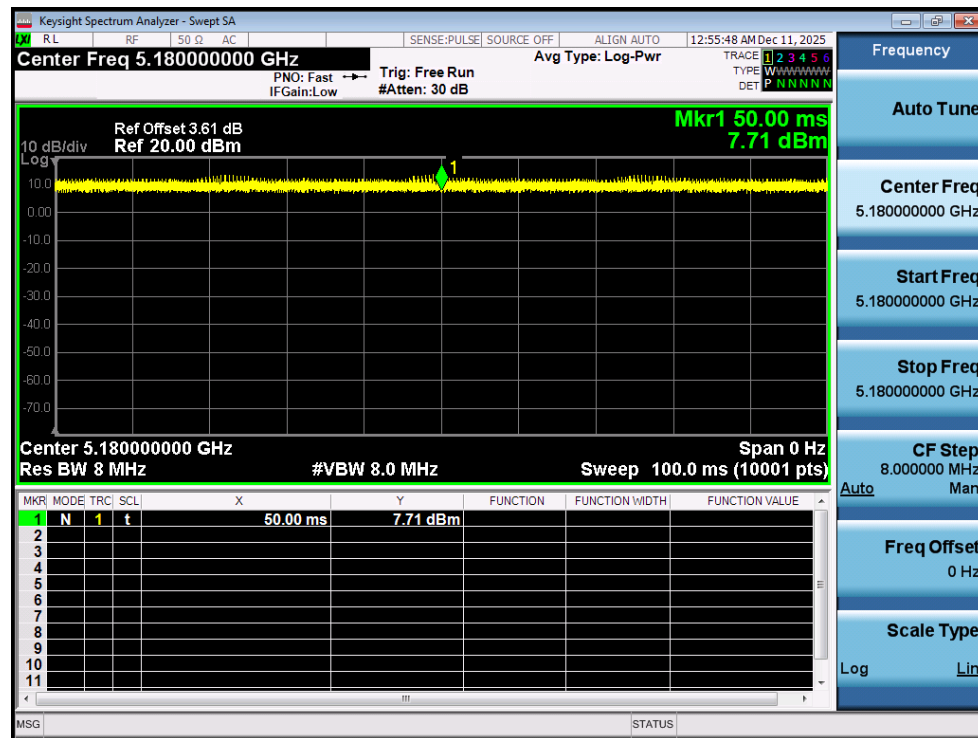


Duty Cycle

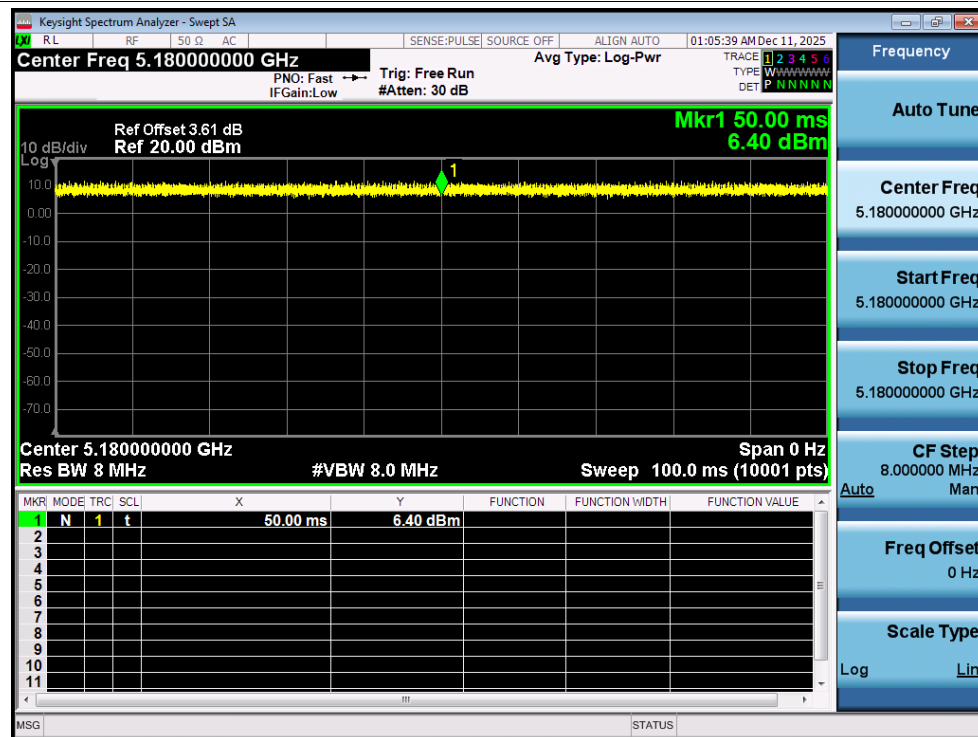
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	100	0	0
	n20			100	0	0
	n40	5190		100	0	0

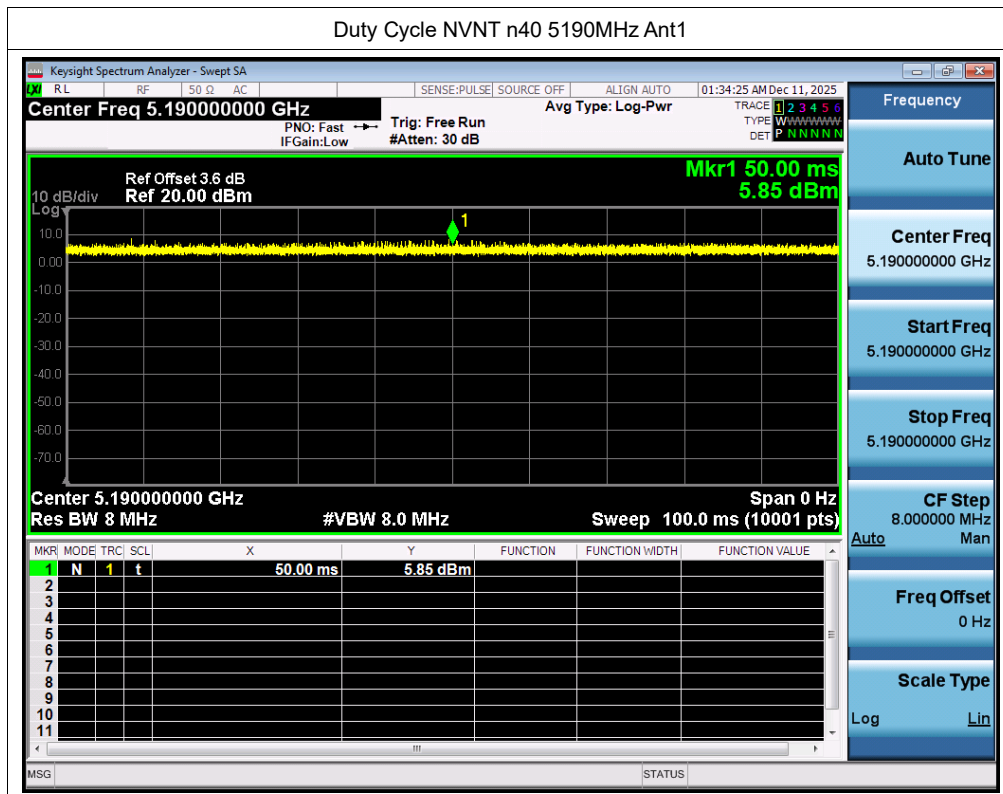
Test Graphs

Duty Cycle NVNT a 5180MHz Ant1



Duty Cycle NVNT n20 5180MHz Ant1



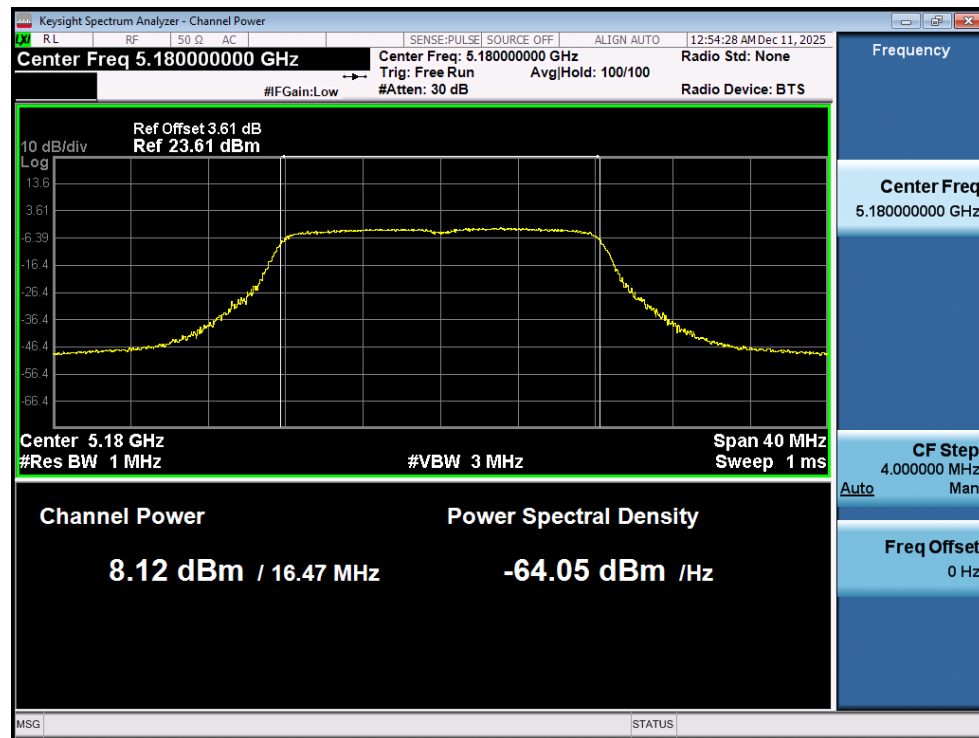


Maximum Conducted Output Power

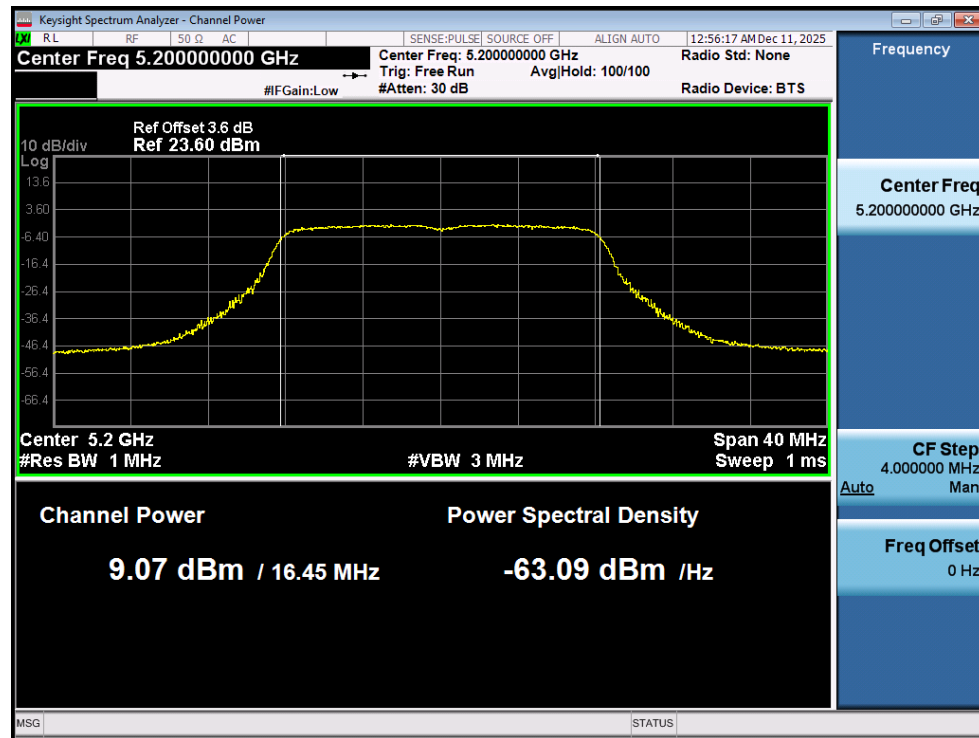
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	8.12	0	8.12	24	Pass
		5200		9.07	0	9.07	24	Pass
		5240		9.64	0	9.64	24	Pass
	n20	5180		6.97	0	6.97	24	Pass
		5200		7.81	0	7.81	24	Pass
		5240		8.75	0	8.75	24	Pass
	n40	5190		5.94	0	5.94	24	Pass
		5230		7.26	0	7.26	24	Pass

Test Graphs

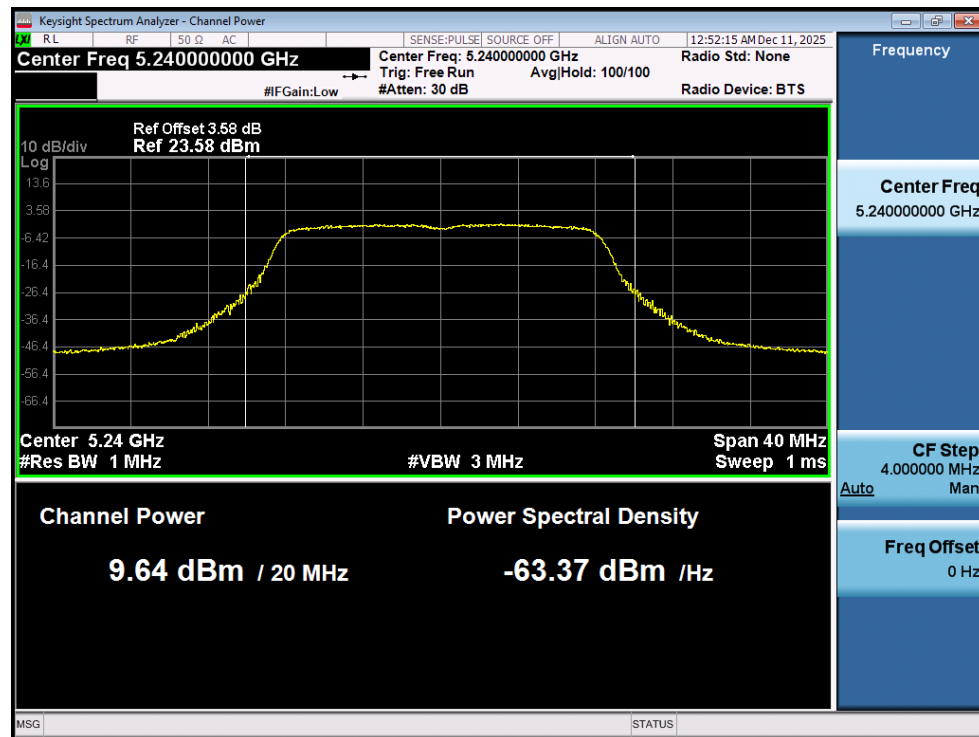
Power NVNT a 5180MHz Ant1



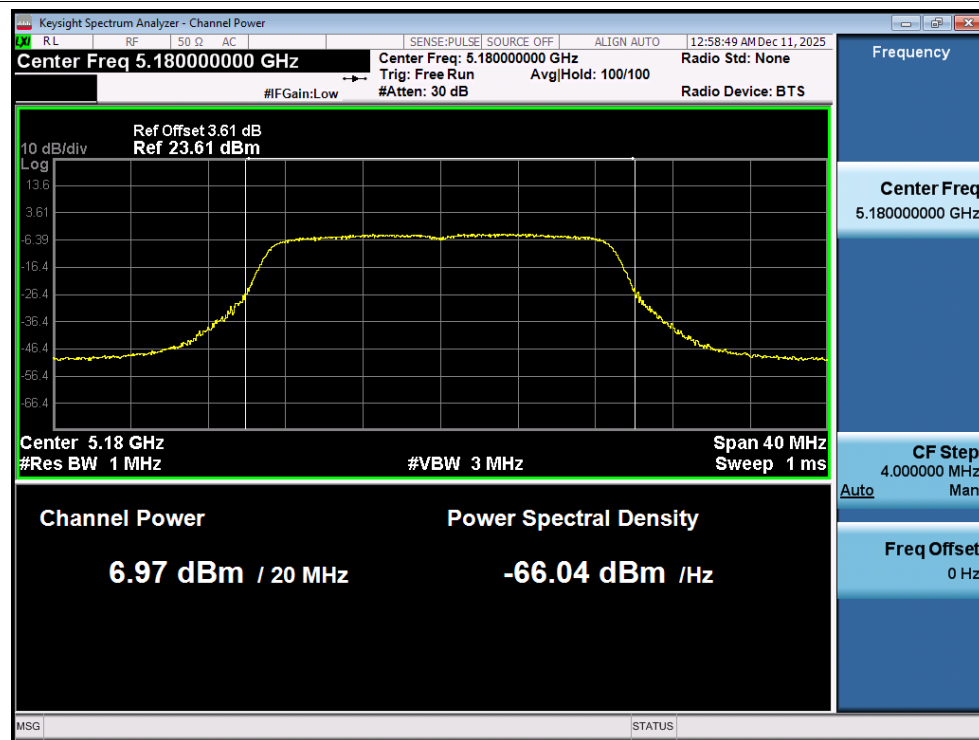
Power NVNT a 5200MHz Ant1



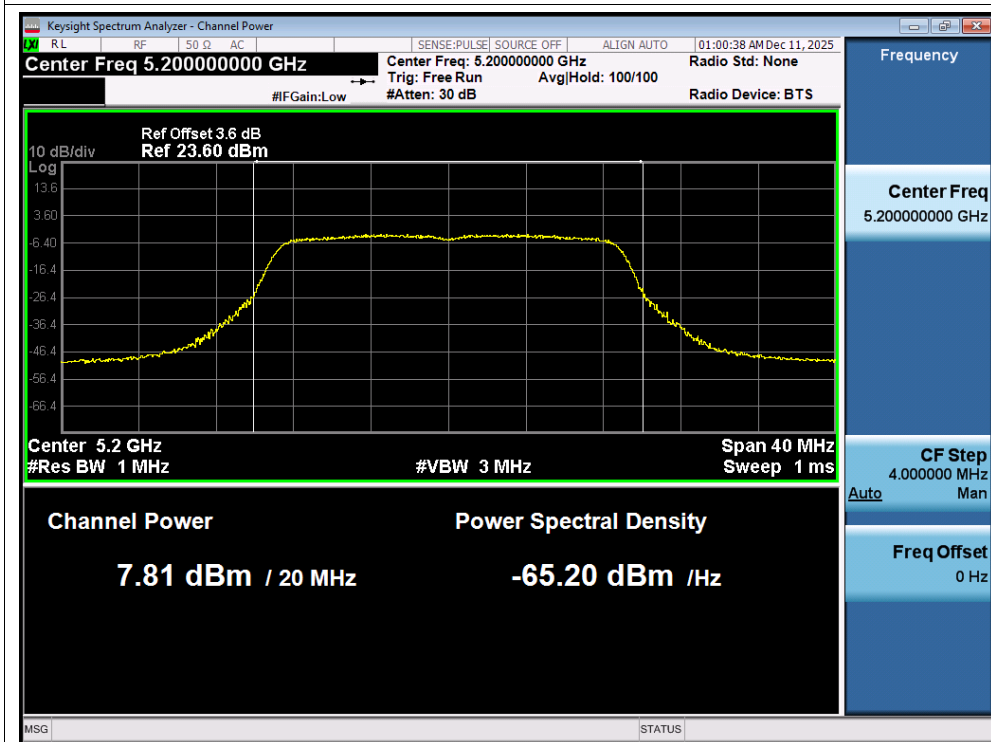
Power NVNT a 5240MHz Ant1



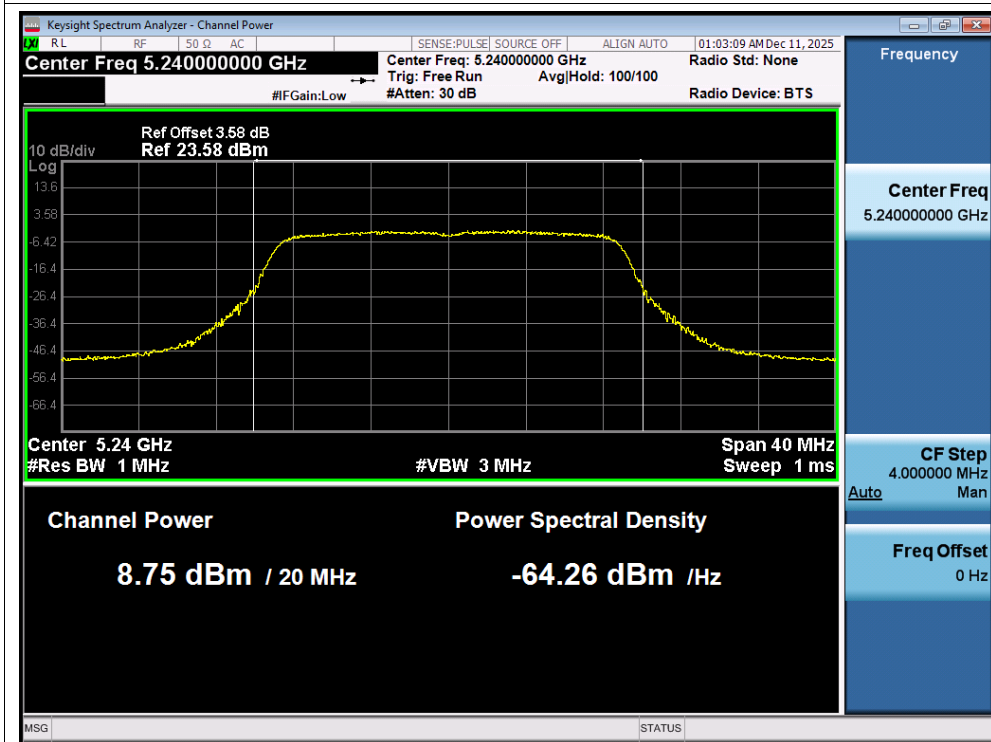
Power NVNT n20 5180MHz Ant1



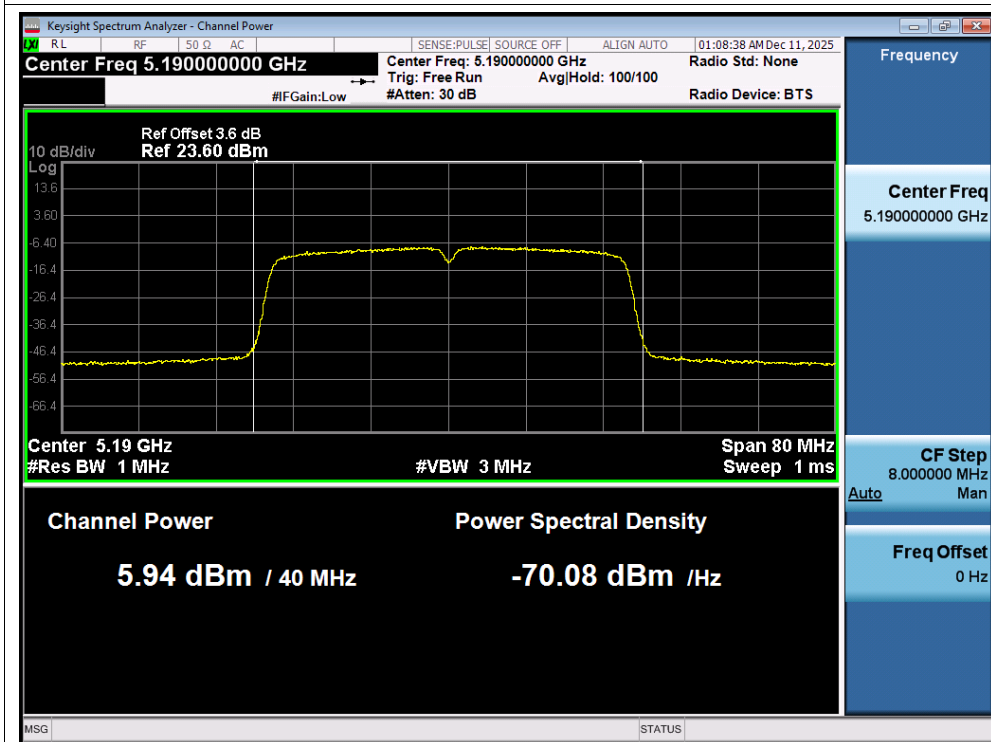
Power NVNT n20 5200MHz Ant1



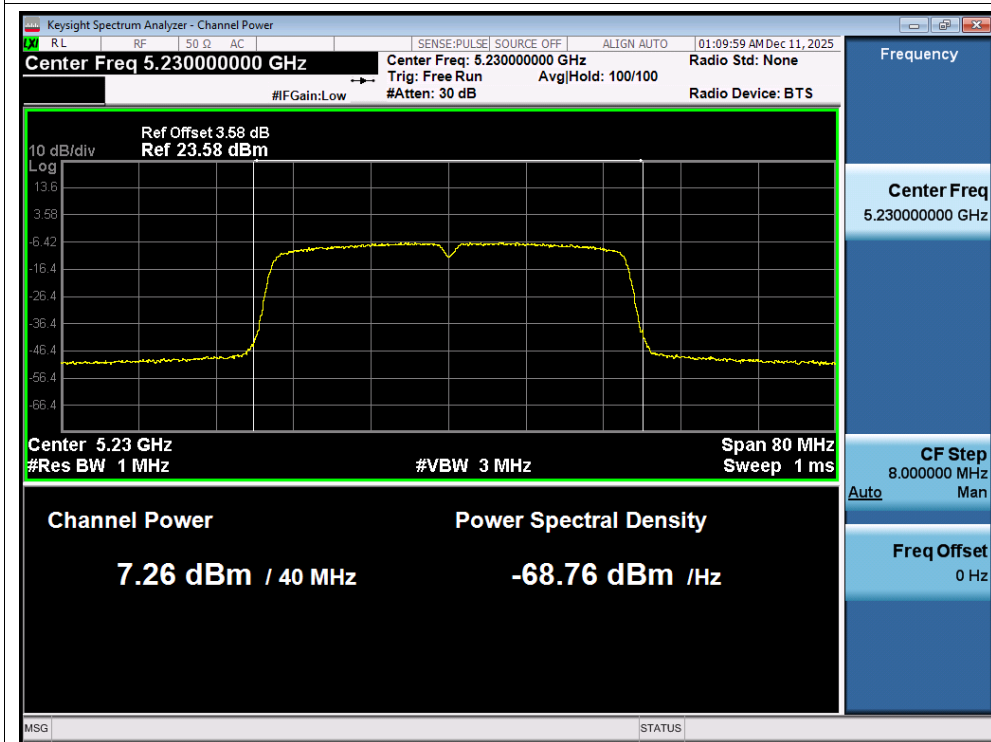
Power NVNT n20 5240MHz Ant1



Power NVNT n40 5190MHz Ant1



Power NVNT n40 5230MHz Ant1

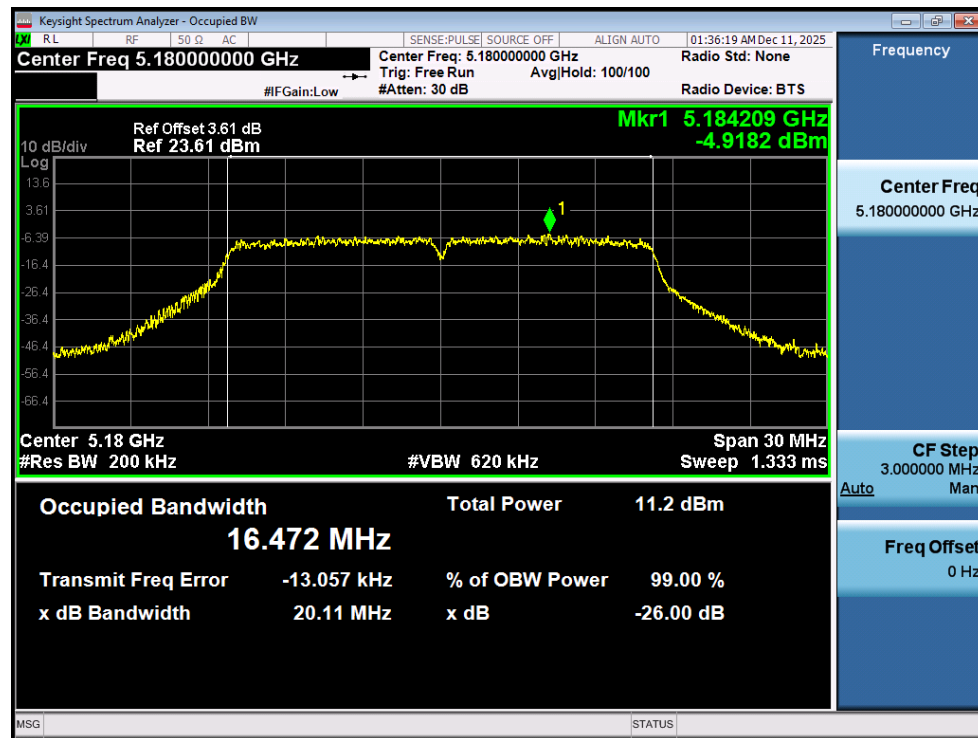


-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	20.114	0.5	Pass
		5200		20.415	0.5	Pass
		5240		20.286	0.5	Pass
	n20	5180		20.873	0.5	Pass
		5200		21.016	0.5	Pass
		5240		21.217	0.5	Pass
	n40	5190		38.502	0.5	Pass
		5230		38.305	0.5	Pass

Test Graphs

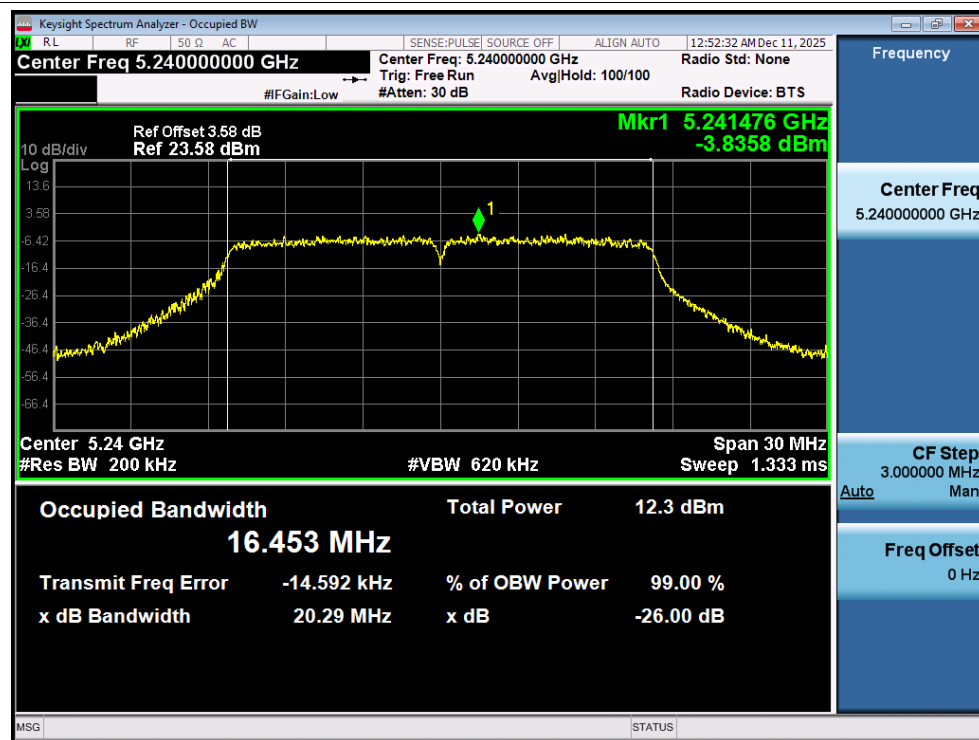
-26dB Bandwidth NVNT a 5180MHz Ant1



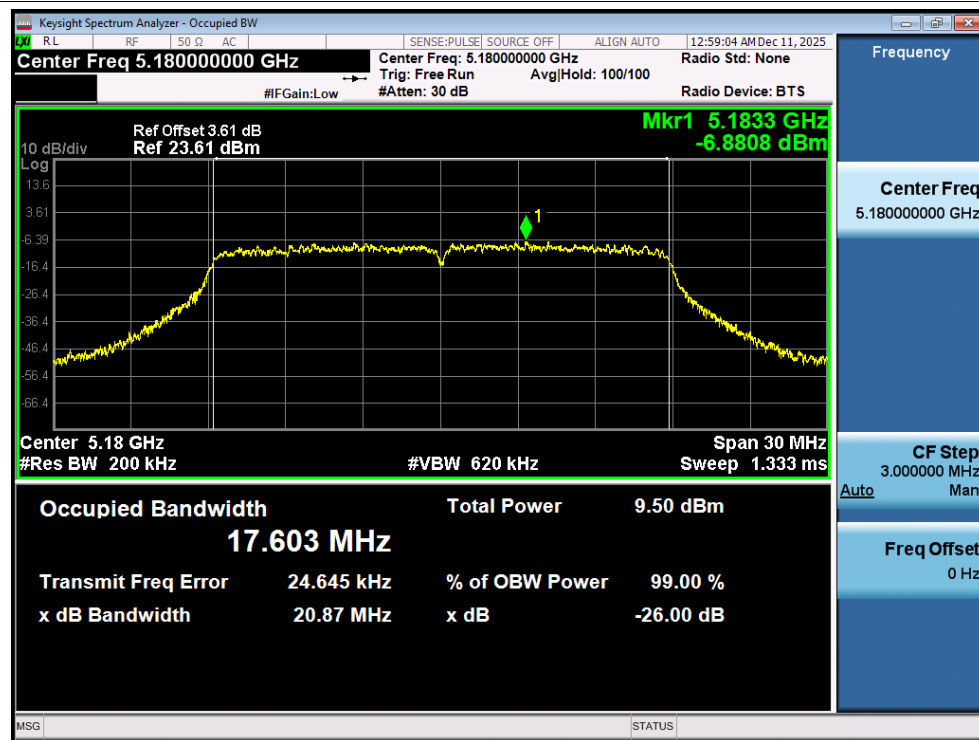
-26dB Bandwidth NVNT a 5200MHz Ant1

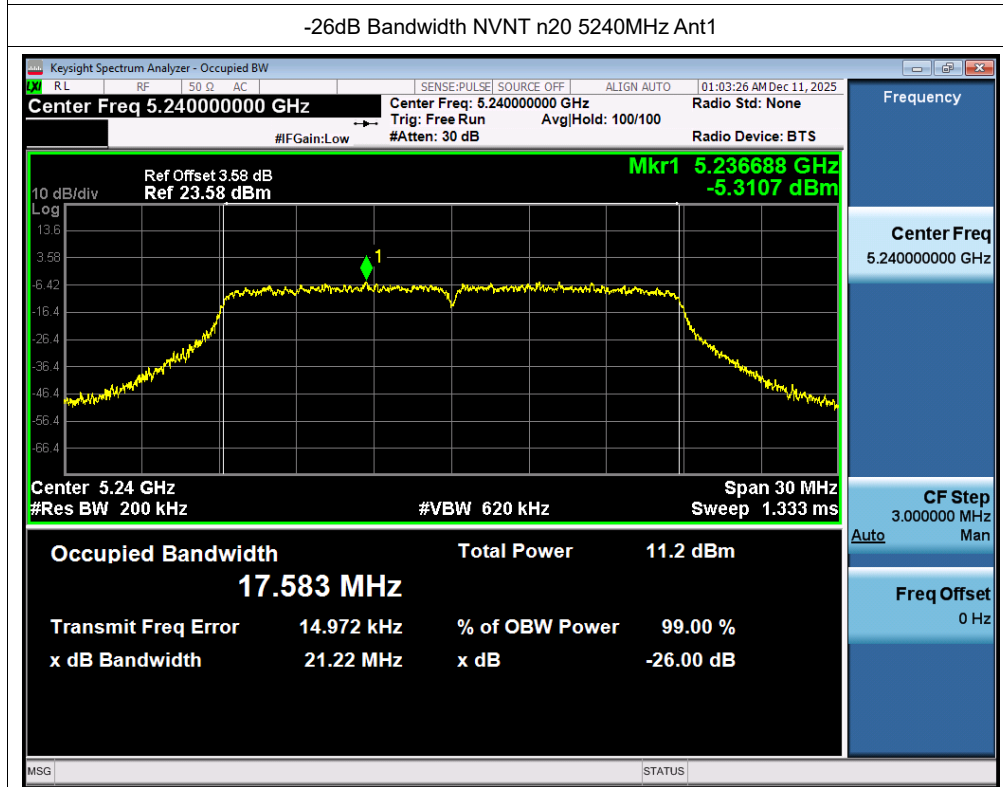
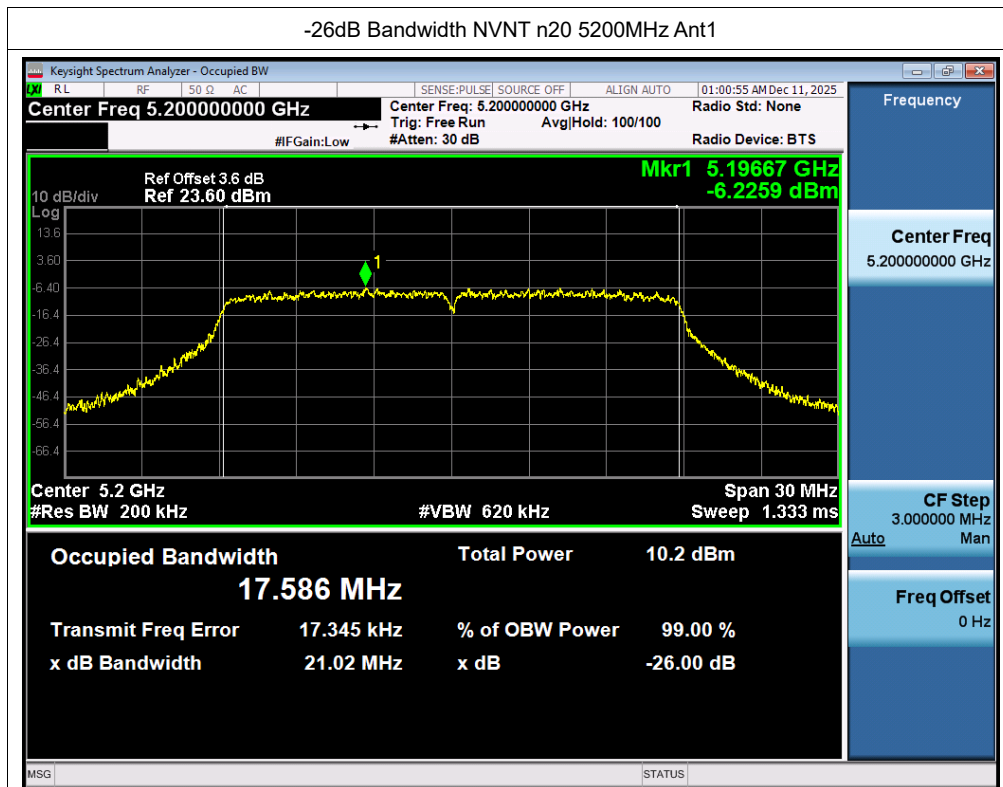


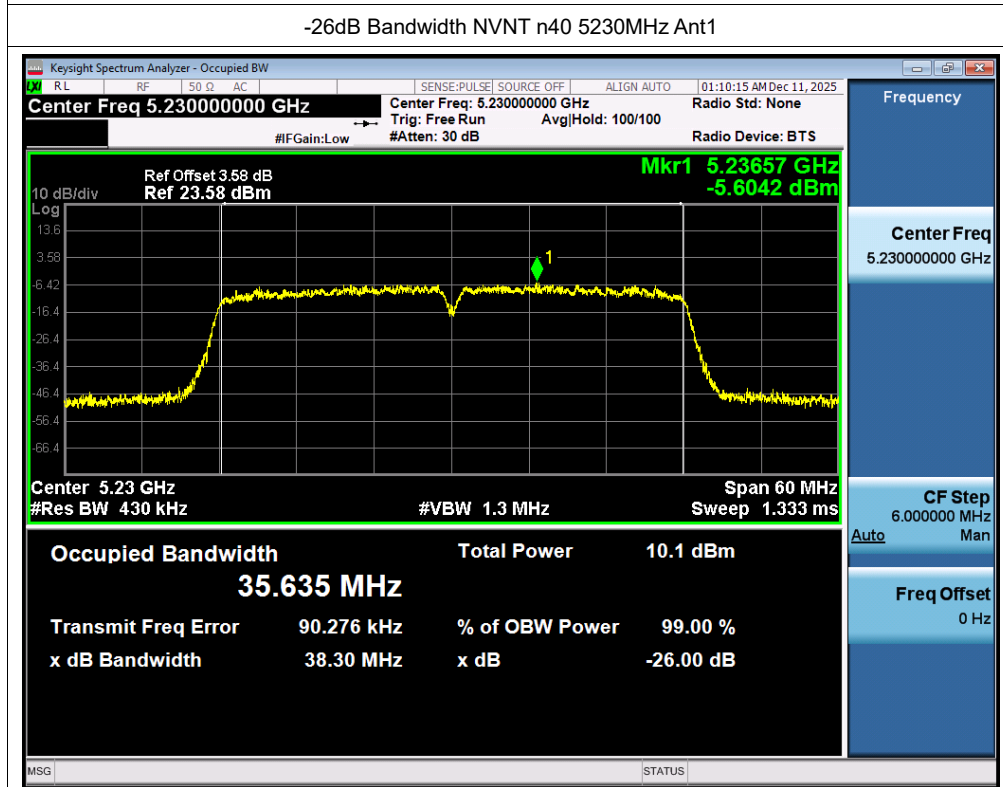
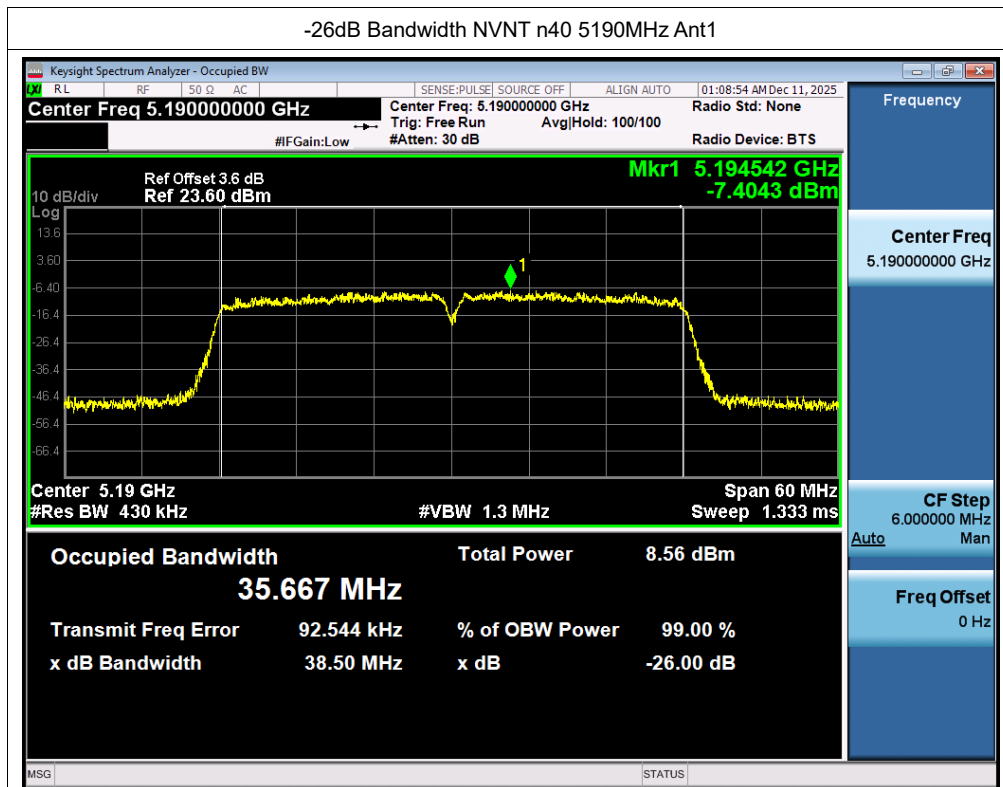
-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant1





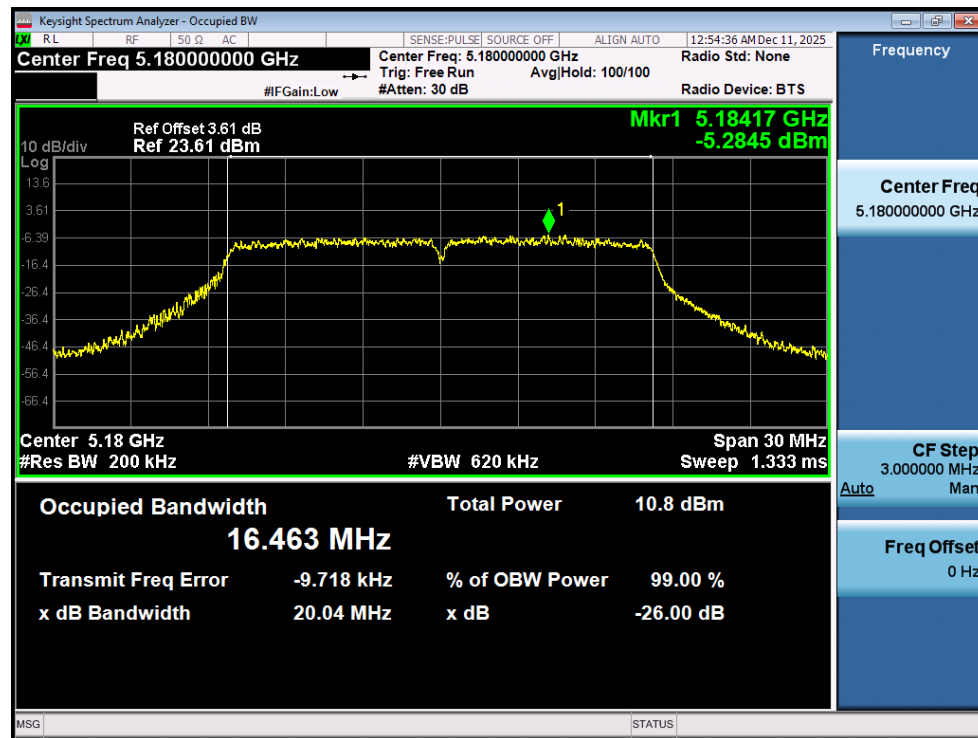


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.463
		5200		16.454
		5240		16.429
	n20	5180		17.591
		5200		17.6
		5240		17.581
	n40	5190		35.679
		5230		35.65

Test Graphs

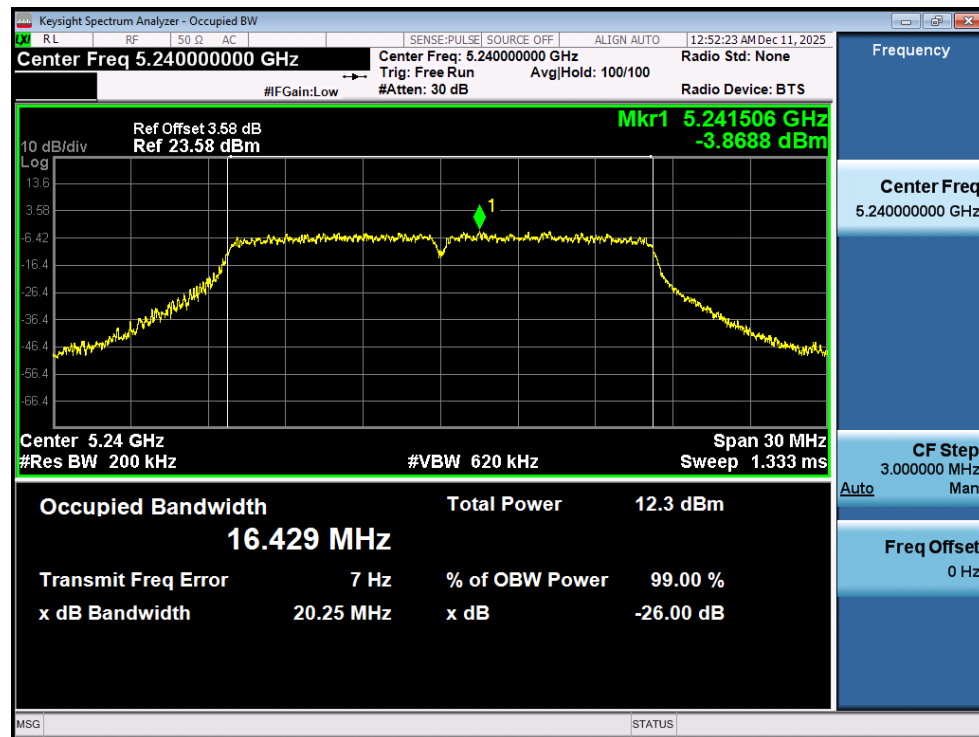
OBW NVNT a 5180MHz Ant1



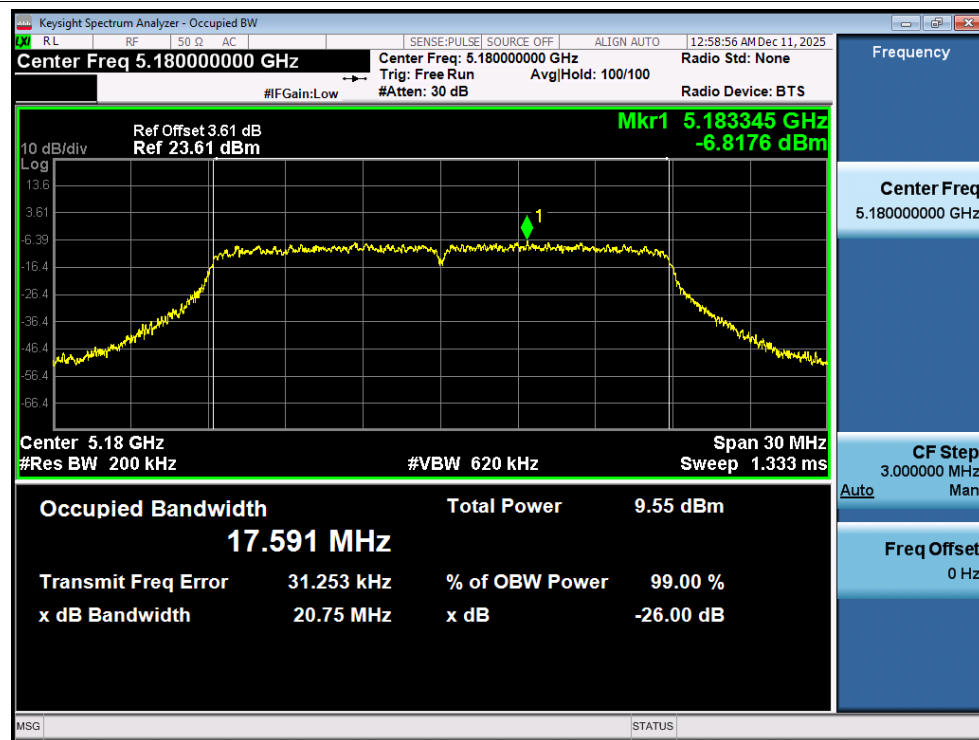
OBW NVNT a 5200MHz Ant1

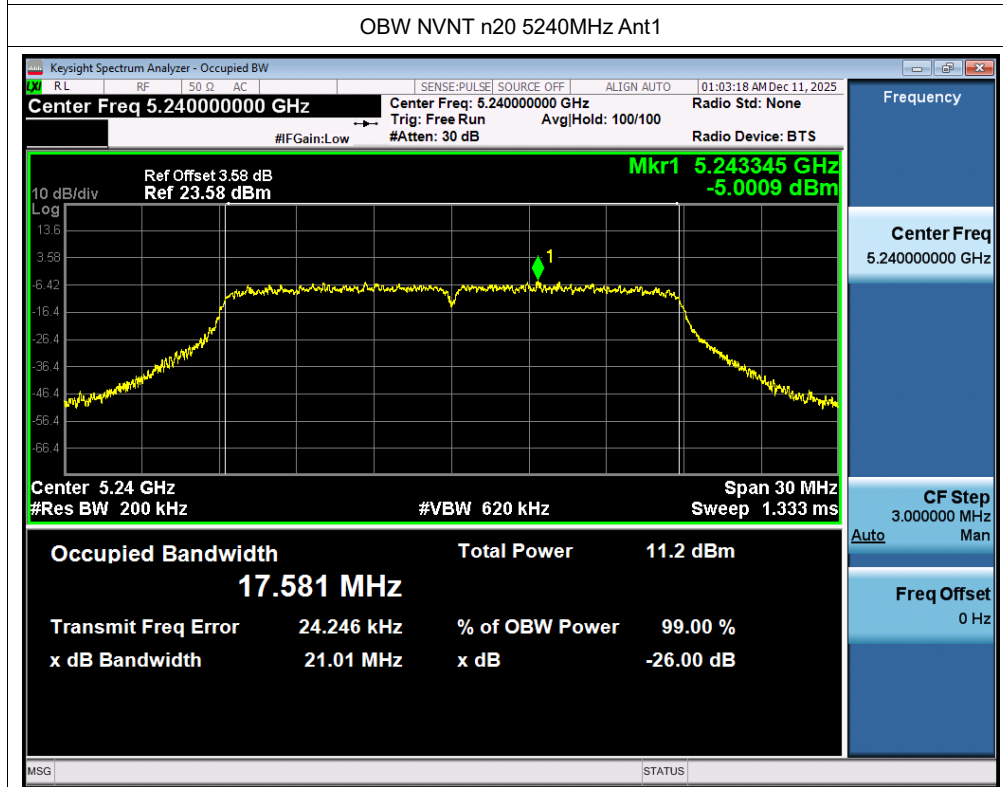
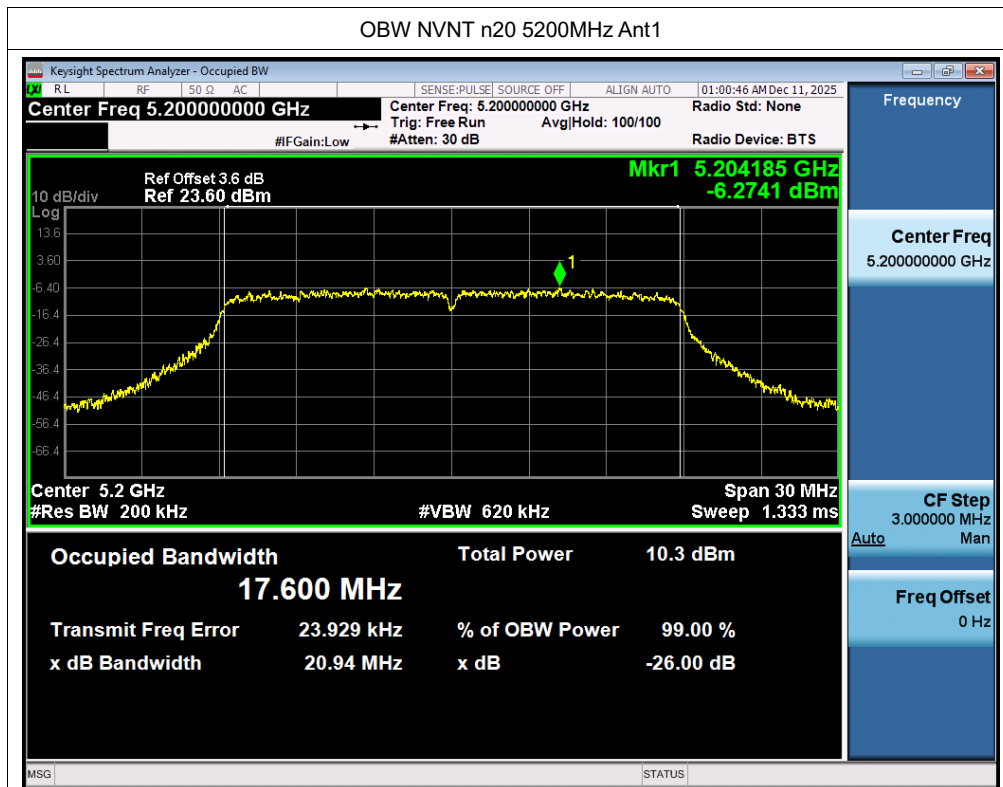


OBW NVNT a 5240MHz Ant1



OBW NVNT n20 5180MHz Ant1





OBW NVNT n40 5190MHz Ant1



OBW NVNT n40 5230MHz Ant1

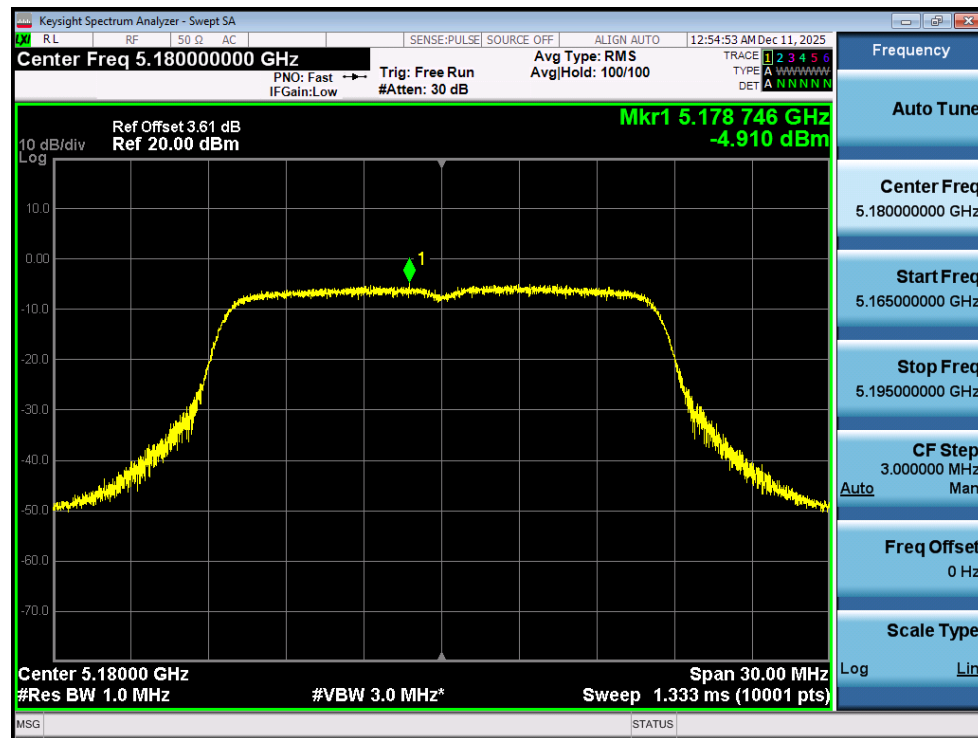


Maximum Power Spectral Density Level

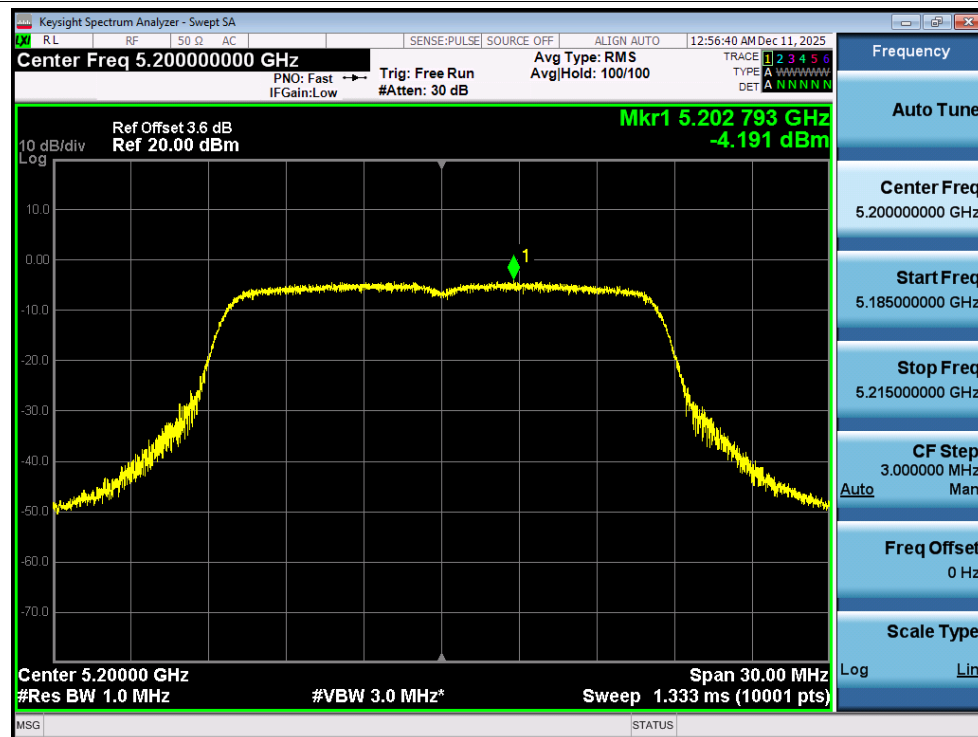
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-4.91	0	-4.91	11	Pass
		5200		-4.19	0	-4.19	11	Pass
		5240		-3.58	0	-3.58	11	Pass
	n20	5180		-6.14	0	-6.14	11	Pass
		5200		-5.66	0	-5.66	11	Pass
		5240		-4.64	0	-4.64	11	Pass
	n40	5190		-10.42	0	-10.42	11	Pass
		5230		-9.07	0	-9.07	11	Pass

Test Graphs

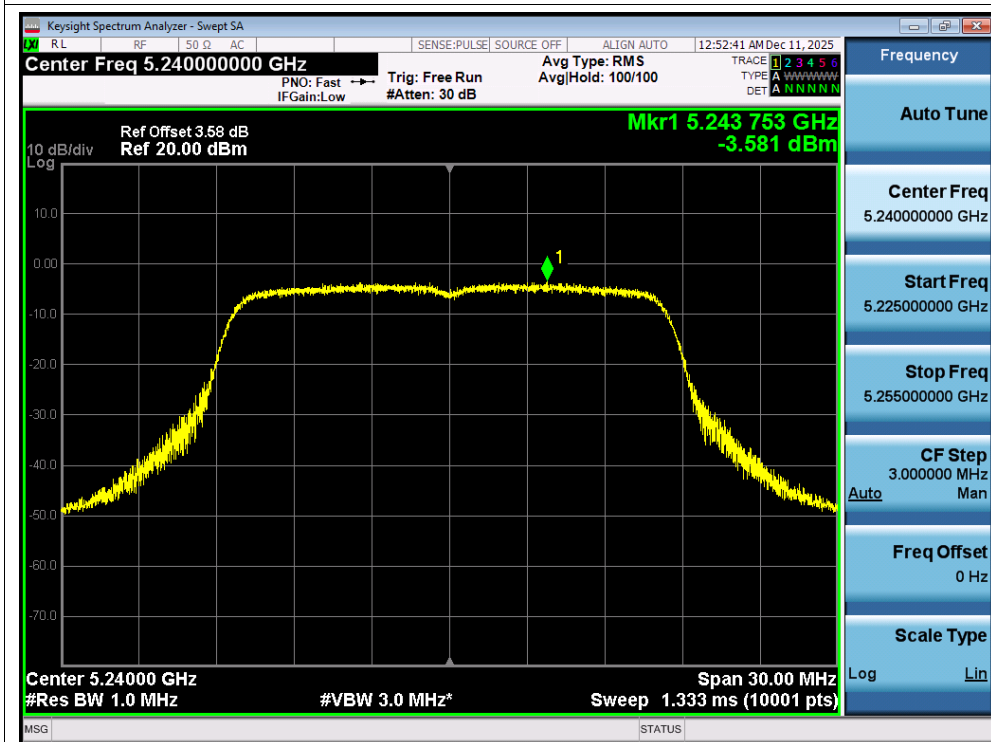
PSD NVNT a 5180MHz Ant1



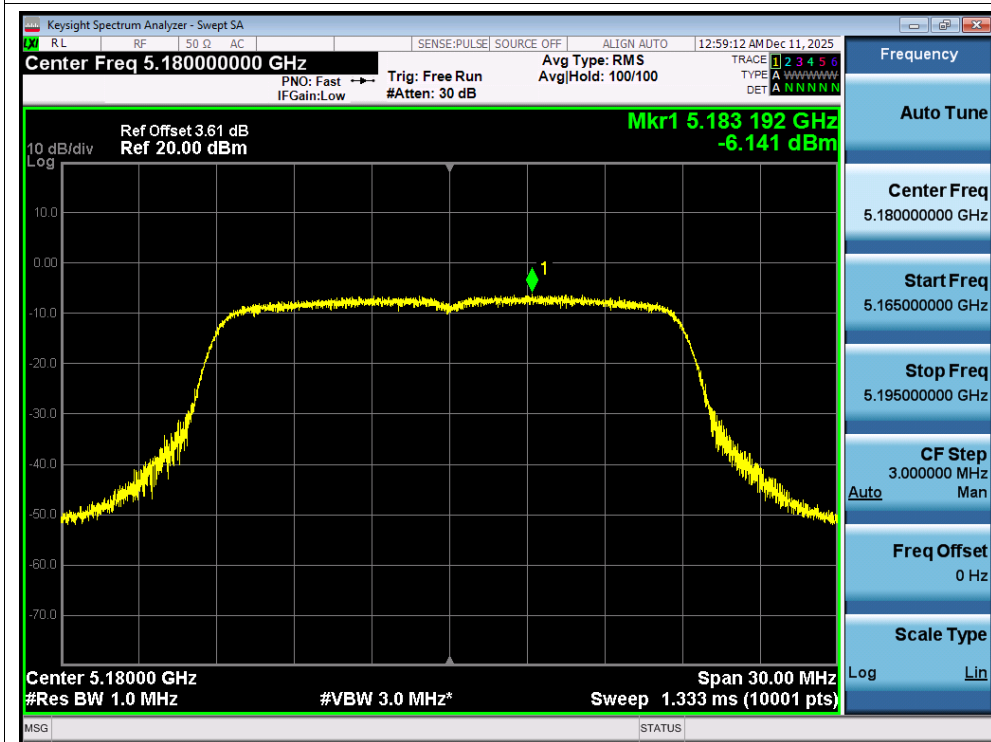
PSD NVNT a 5200MHz Ant1

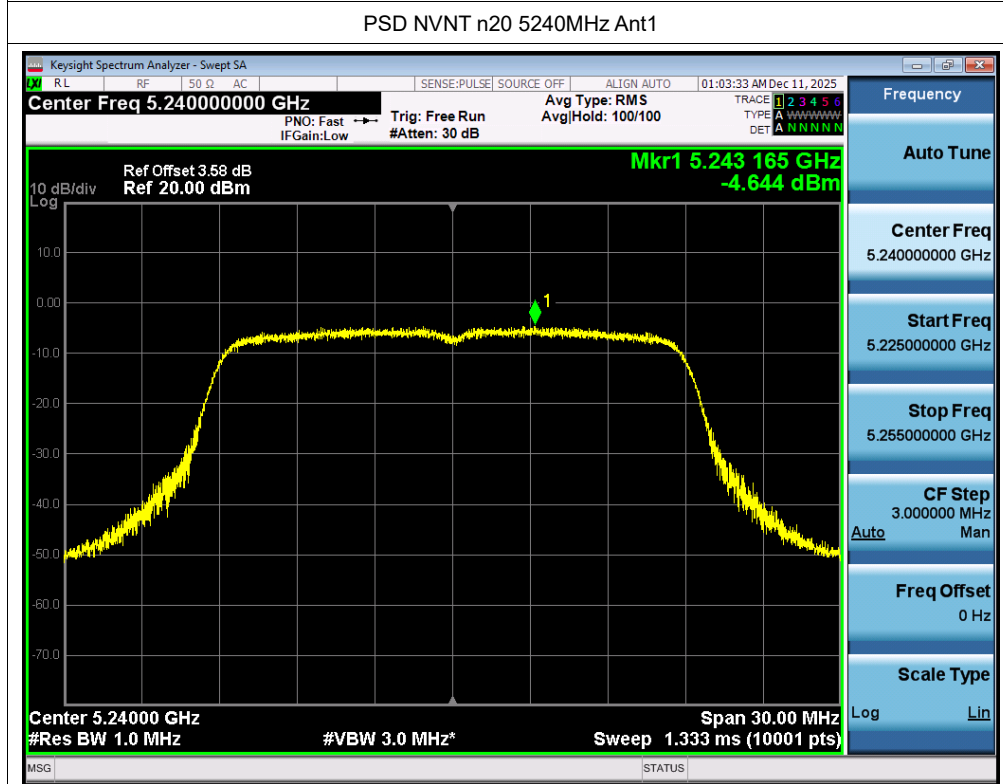
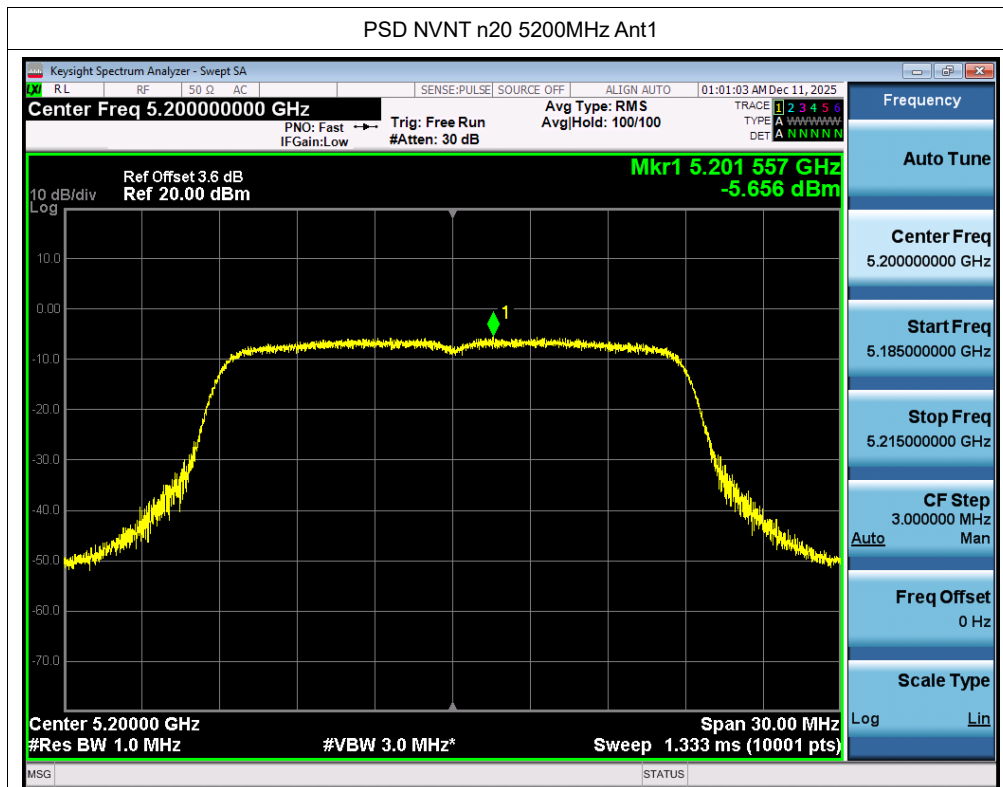


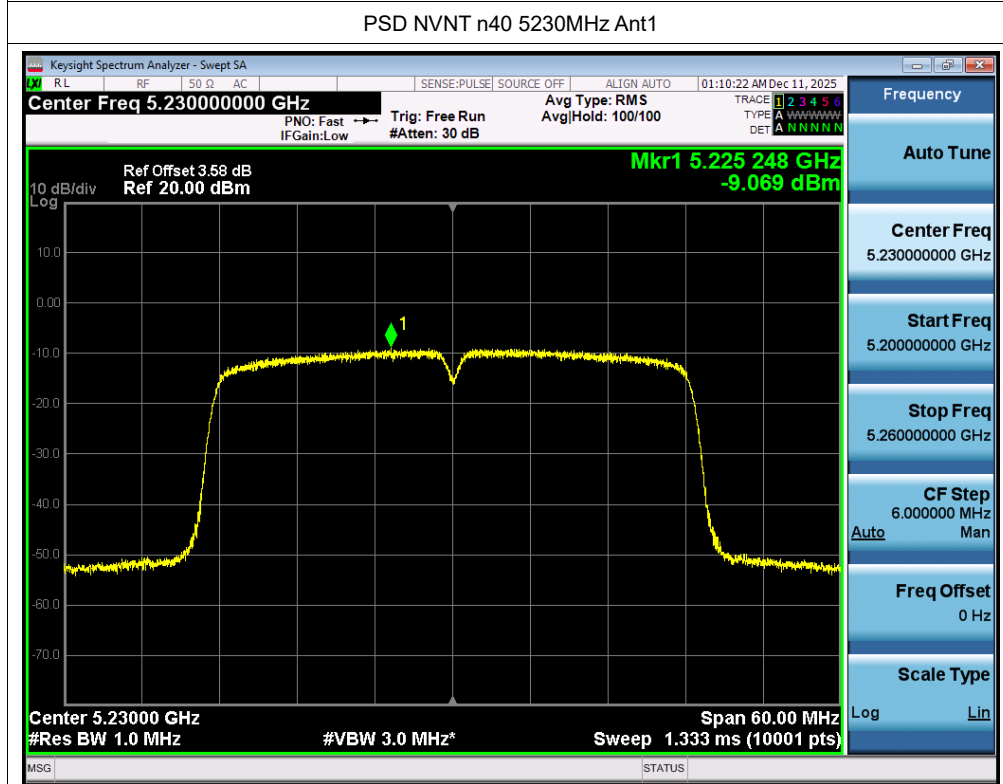
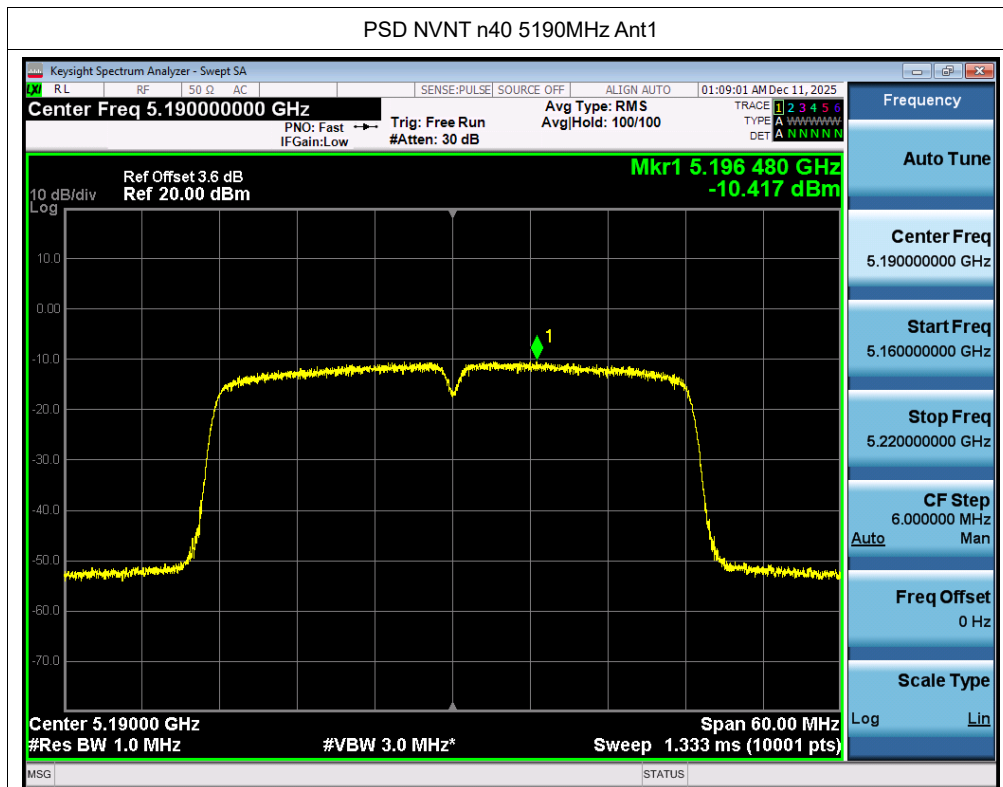
PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1





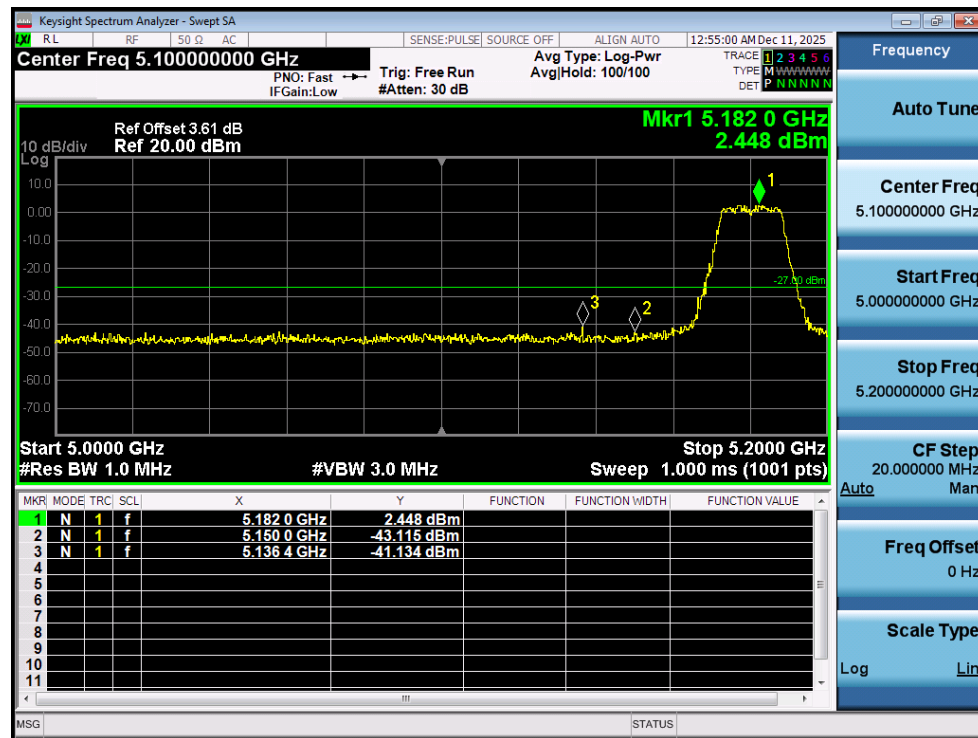


Band Edge

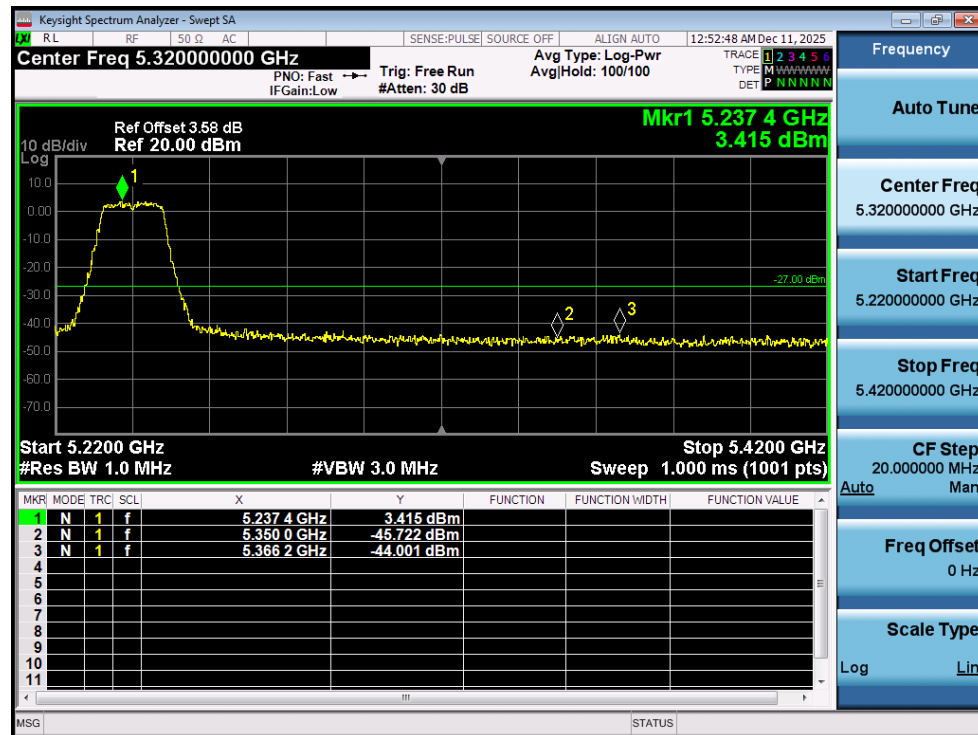
Condition	Mode	Frequency (MHz)	Max Value (dBm/MHz)	Gain(dBi)	Max EIRP Value(dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	-41.13	2.64	-38.49	-27	Pass
NVNT	a	5240	-44	2.64	-41.36	-27	Pass
NVNT	n20	5180	-42.45	2.64	-39.81	-27	Pass
NVNT	n20	5240	-44.42	2.64	-41.78	-27	Pass
NVNT	n40	5190	-42.96	2.64	-40.32	-27	Pass
NVNT	n40	5230	-44.97	2.64	-42.33	-27	Pass

Test Graphs

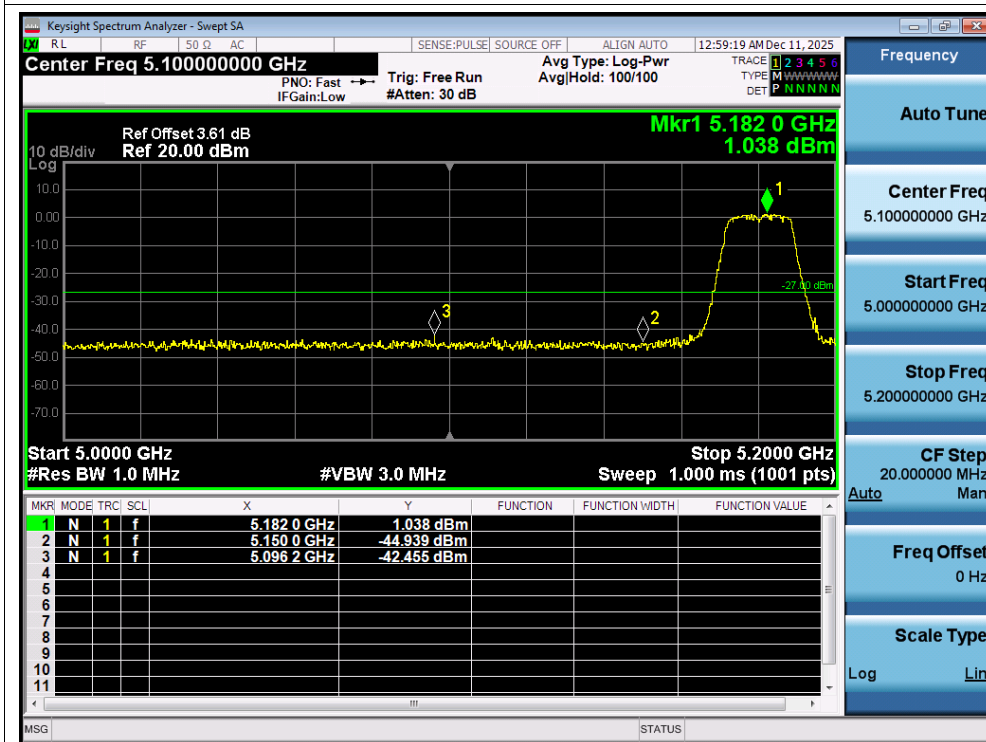
Band Edge NVNT a 5180MHz Low Ant1



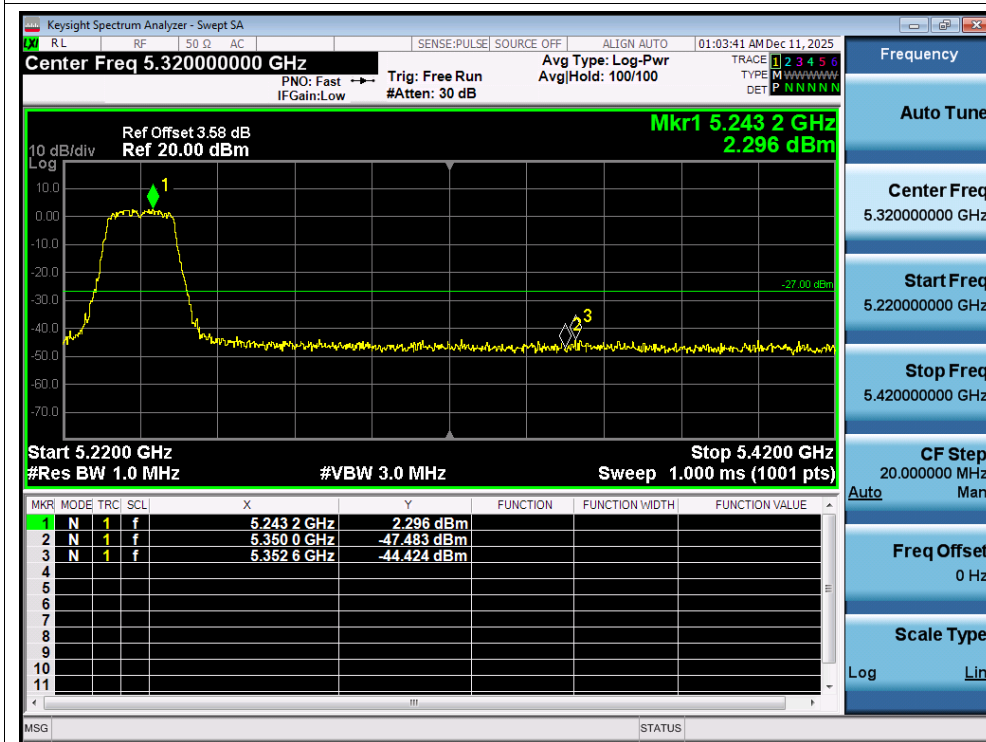
Band Edge NVNT a 5240MHz High Ant1

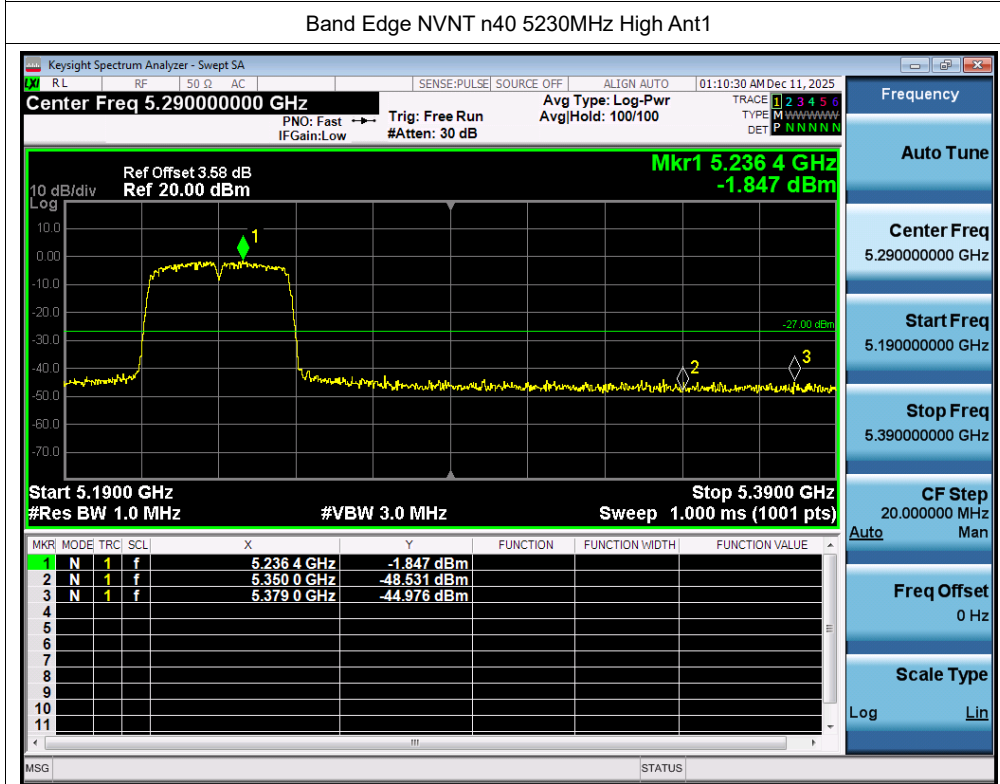
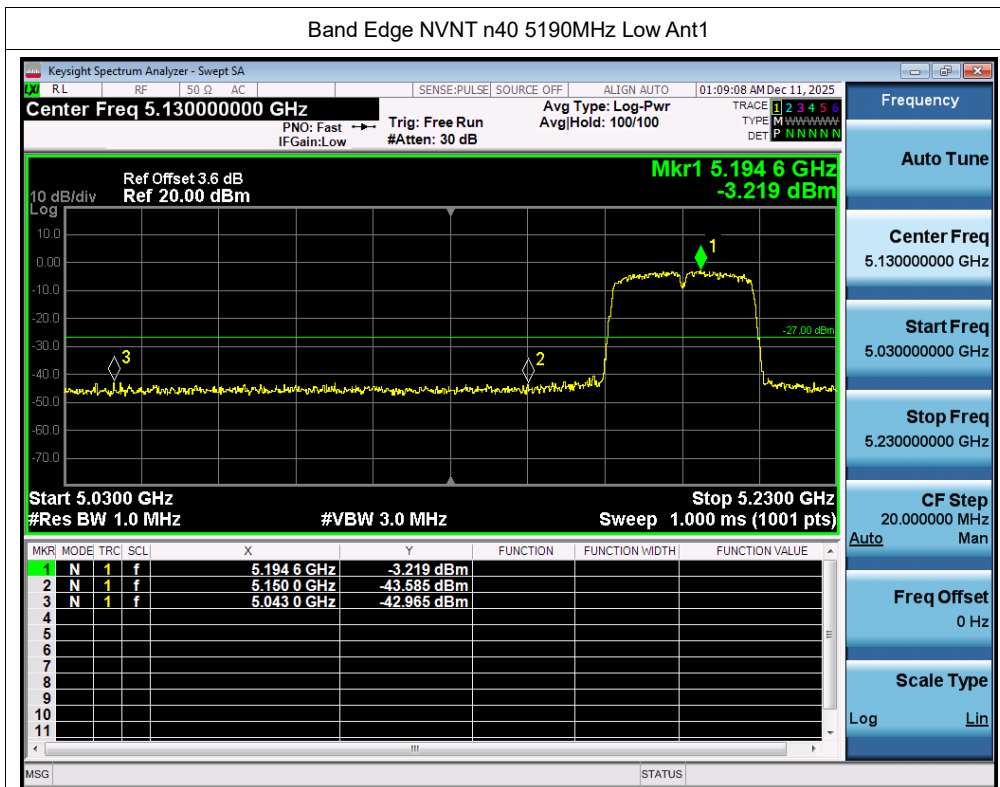


Band Edge NVNT n20 5180MHz Low Ant1



Band Edge NVNT n20 5240MHz High Ant1

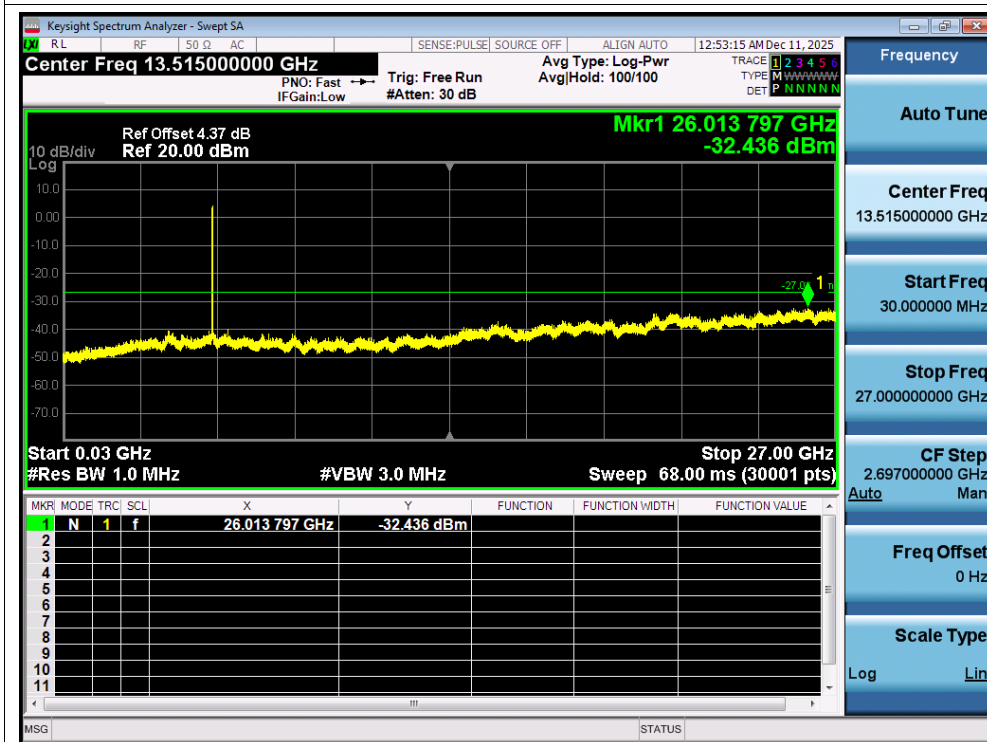




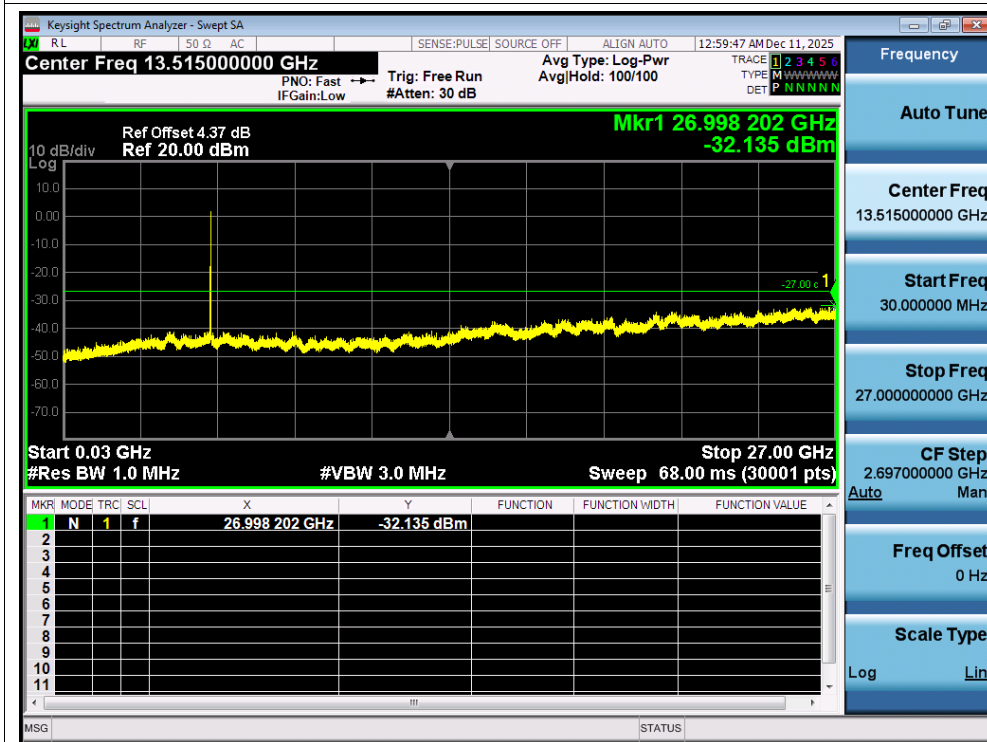
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Max Value (dBm/MHz)	Gain(dBi)	Max EIRP Value (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	-31.67	2.64	-29.03	-27	Pass
NVNT	a	5200	-32.36	2.64	-29.72	-27	Pass
NVNT	a	5240	-32.43	2.64	-29.79	-27	Pass
NVNT	n20	5180	-32.13	2.64	-29.49	-27	Pass
NVNT	n20	5200	-32.35	2.64	-29.71	-27	Pass
NVNT	n20	5240	-31.84	2.64	-29.2	-27	Pass
NVNT	n40	5190	-32.47	2.64	-29.83	-27	Pass
NVNT	n40	5230	-32.35	2.64	-29.71	-27	Pass

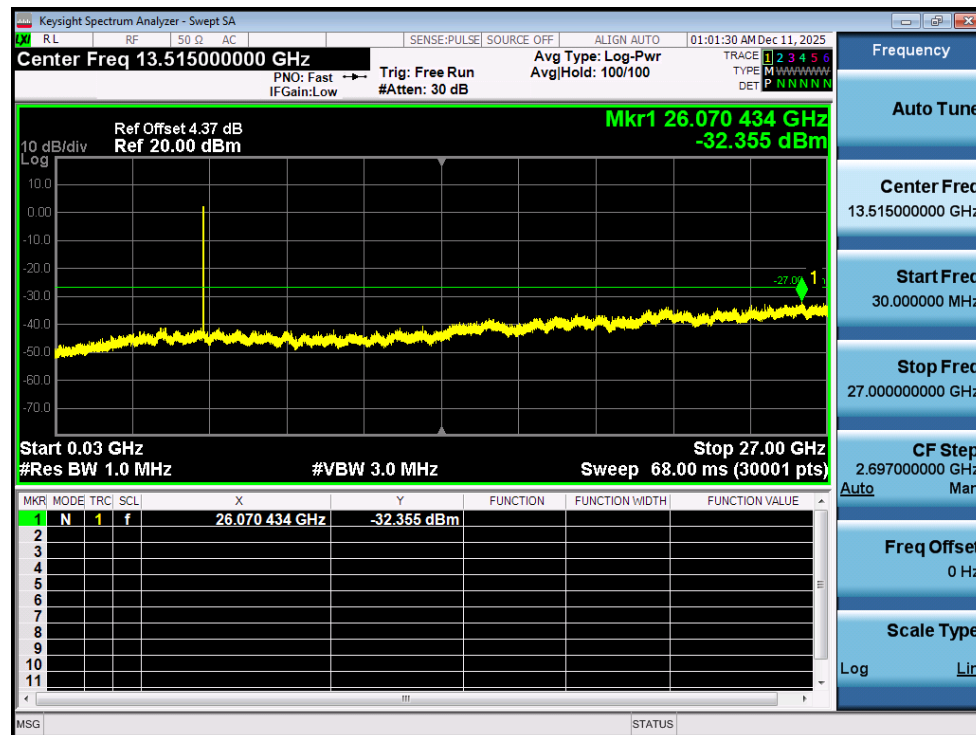
Tx. Spurious NVNT a 5240MHz Ant1 Emission



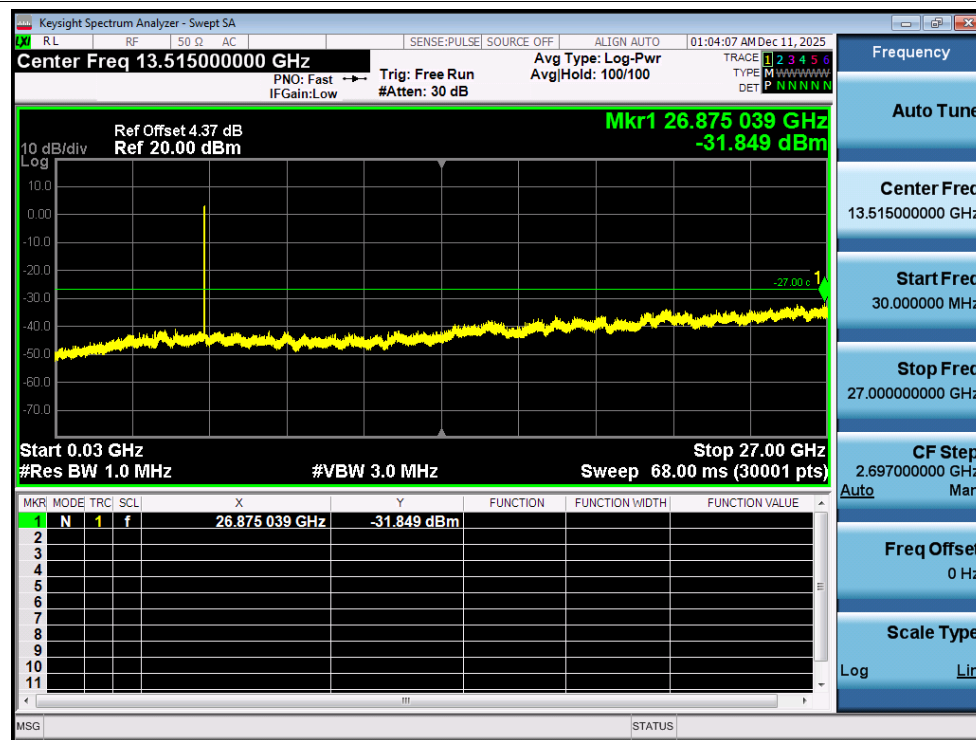
Tx. Spurious NVNT n20 5180MHz Ant1 Emission



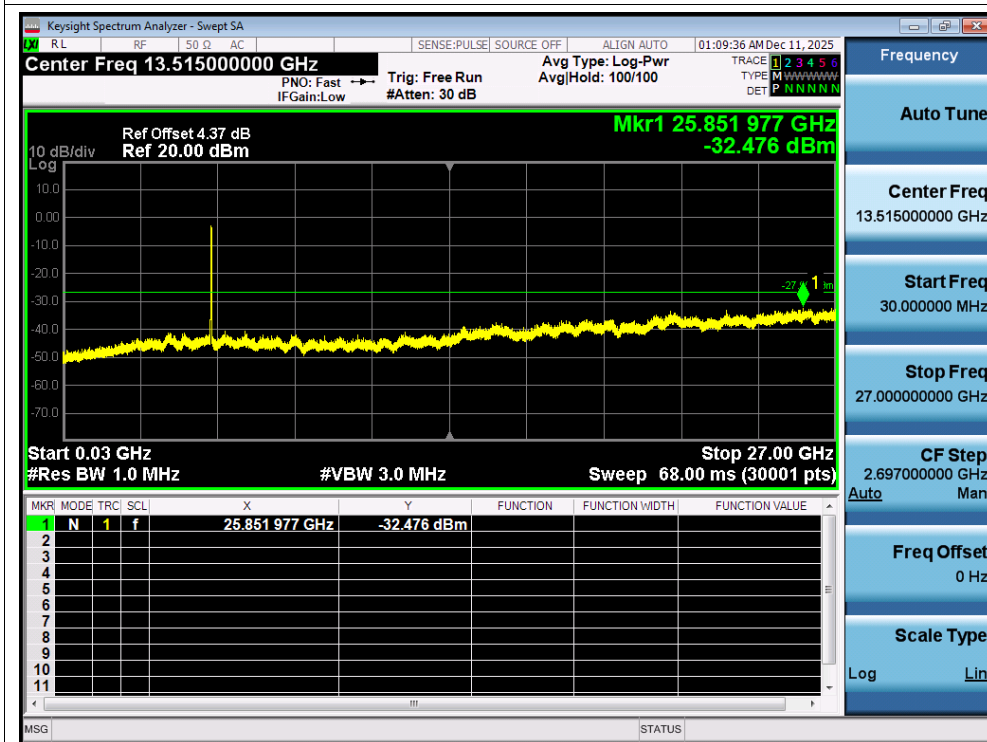
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



Tx. Spurious NVNT n20 5240MHz Ant1 Emission



Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Tx. Spurious NVNT n40 5230MHz Ant1 Emission

