
FCC ID: 2BMHL-X1PRO

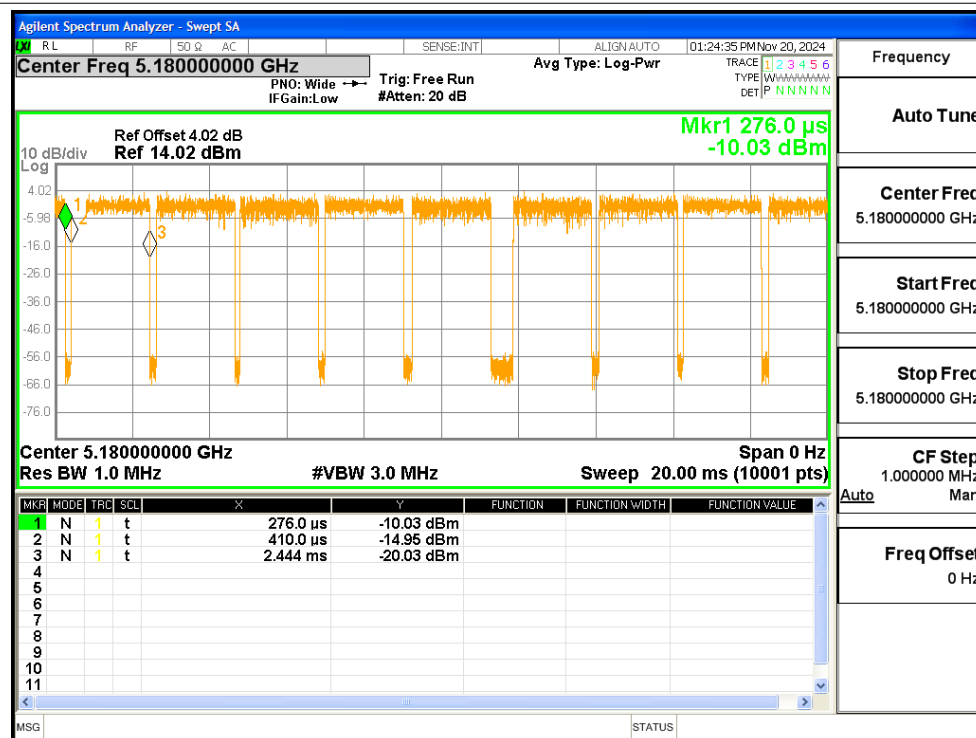
Duty Cycle	2
Maximum Conducted Output Power	12
-26dB Bandwidth	13
Occupied Channel Bandwidth	23
Maximum Power Spectral Density Level	33
Band Edge	43
Frequency Stability	51
Conducted RF Spurious Emission	61

Duty Cycle

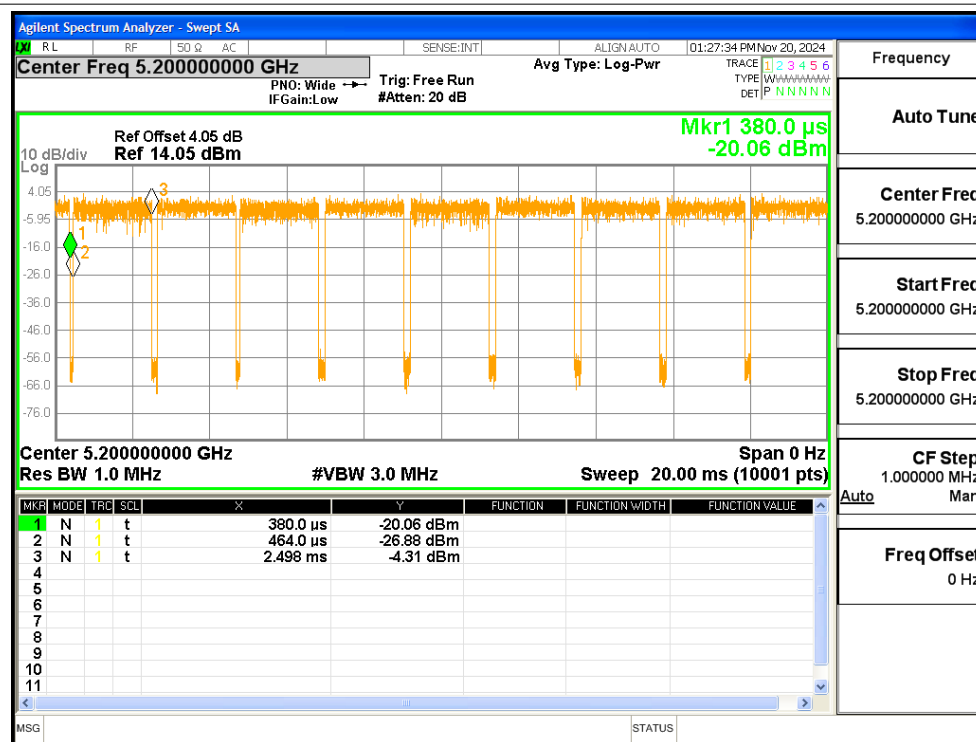
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	93.82	0.28	0.49
		5200		96.03	0.18	0.49
		5240		92.62	0.33	0.49
	n20	5180		94.42	0.25	0.53
		5200		90.62	0.43	0.53
		5240		88.09	0.55	0.53
	n40	5190		89.29	0.49	1.07
		5230		89.71	0.47	1.07
	ac20	5180		92.32	0.35	0.53
		5200		91.62	0.38	0.53
		5240		93.6	0.29	0.53
	ac40	5190		94.08	0.27	1.07
		5230		86.77	0.62	1.07
	ax20	5180		90.21	0.45	0.69
		5200		95.54	0.2	0.69
		5240		89.22	0.5	0.69
	ax40	5190		83.39	0.79	1.34
		5230		83.97	0.76	1.34

Test Graphs

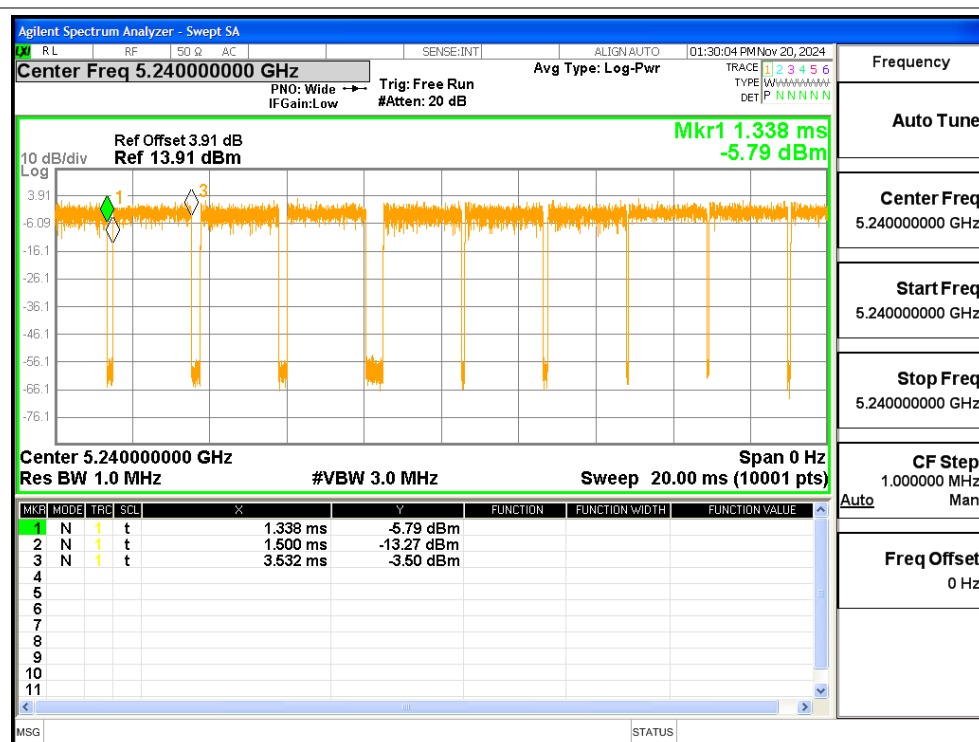
Duty Cycle NVNT a 5180MHz Ant1



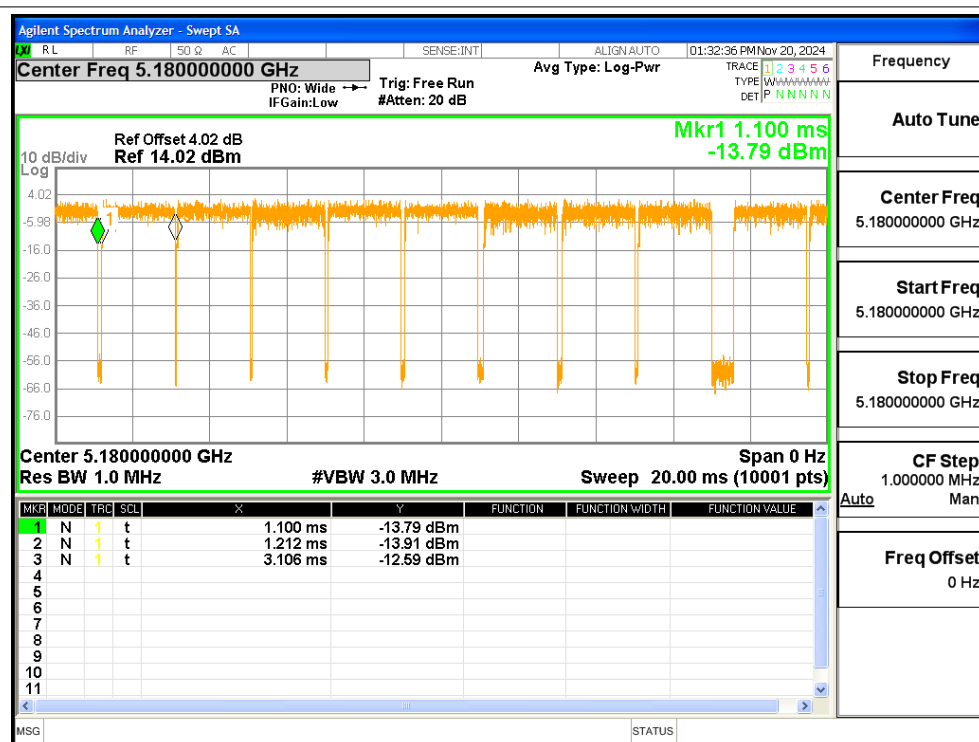
Duty Cycle NVNT a 5200MHz Ant1



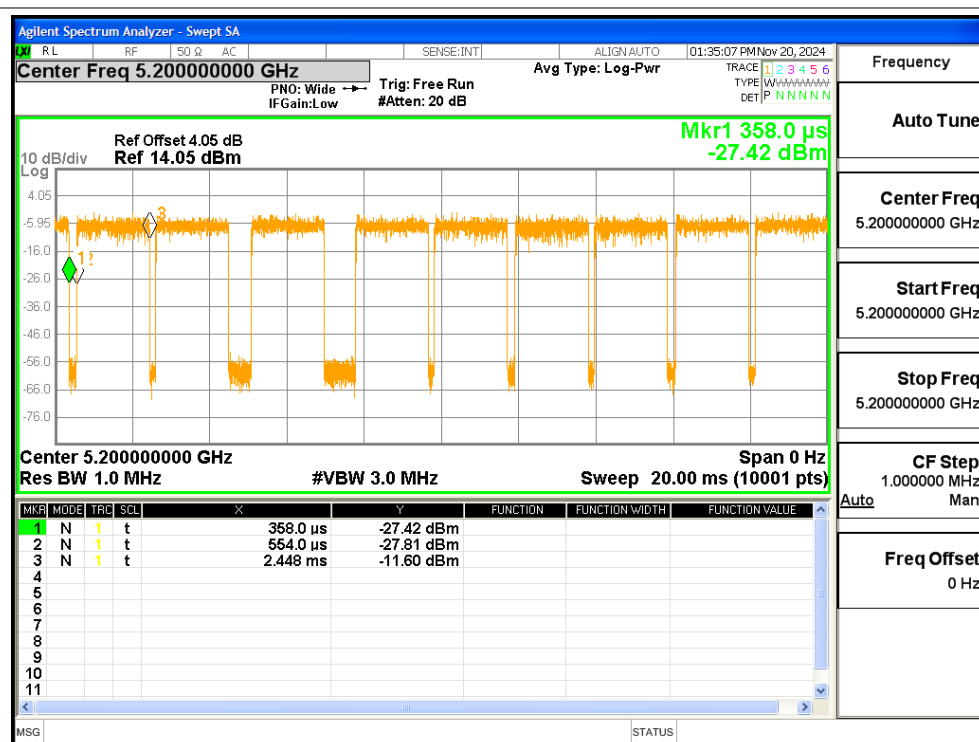
Duty Cycle NVNT a 5240MHz Ant1



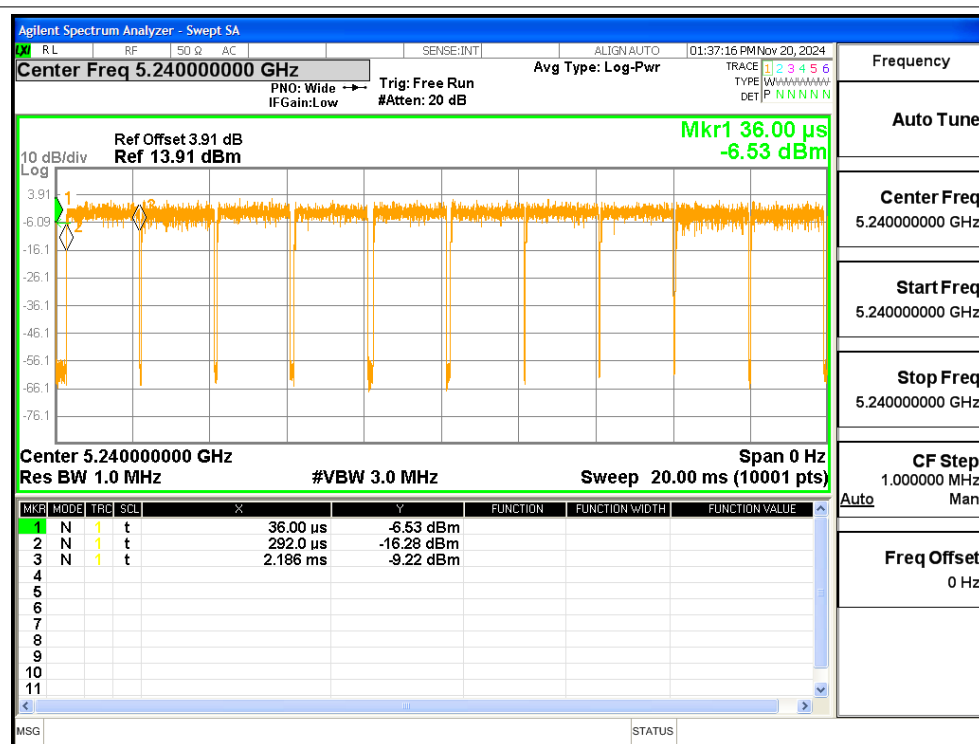
Duty Cycle NVNT n20 5180MHz Ant1



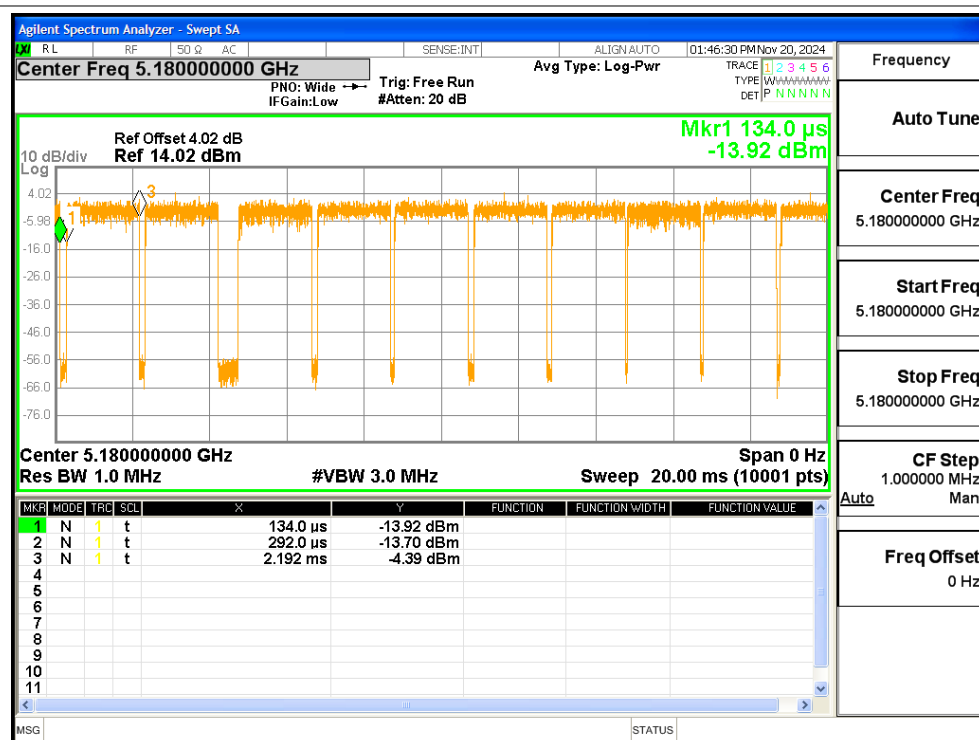
Duty Cycle NVNT n20 5200MHz Ant1



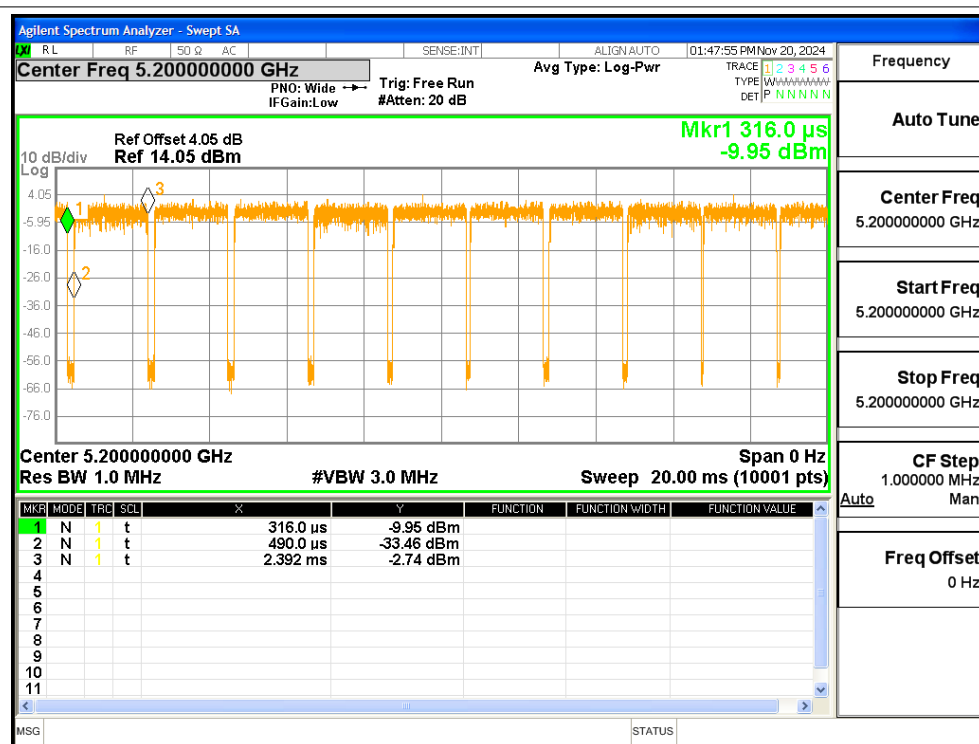
Duty Cycle NVNT n20 5240MHz Ant1



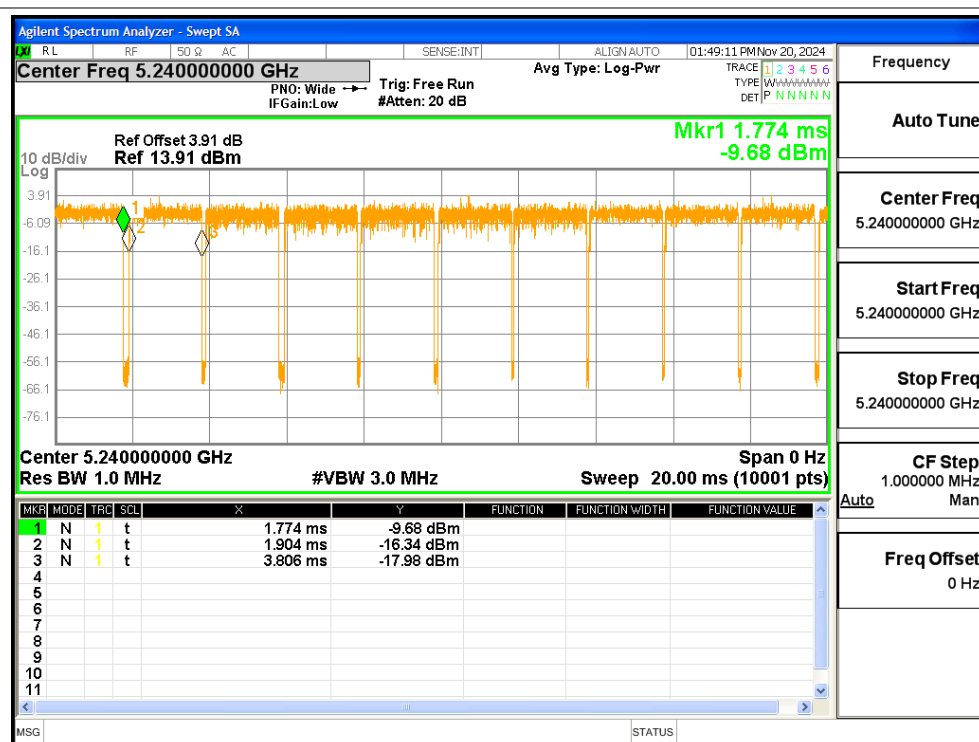
Duty Cycle NVNT ac20 5180MHz Ant1



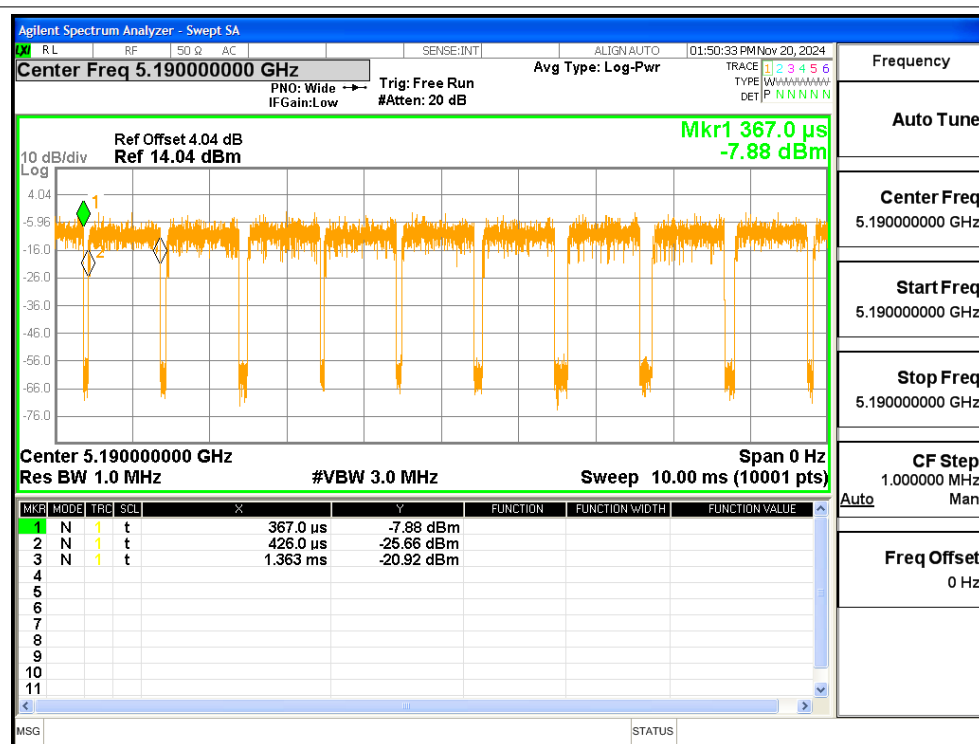
Duty Cycle NVNT ac20 5200MHz Ant1

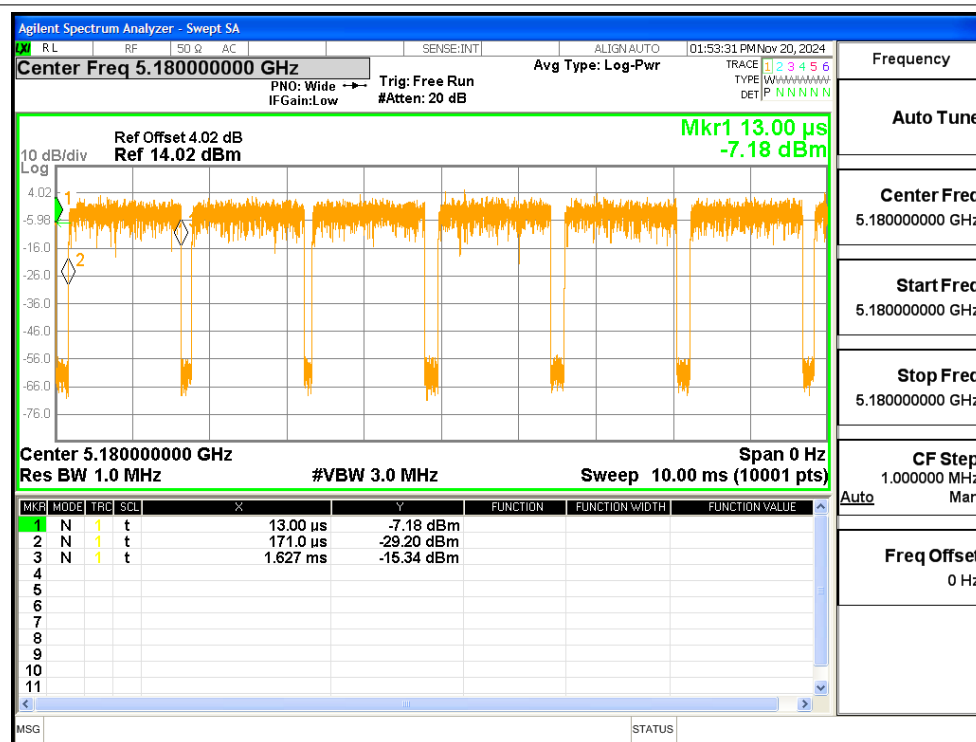
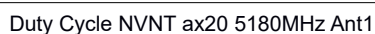


Duty Cycle NVNT ac20 5240MHz Ant1

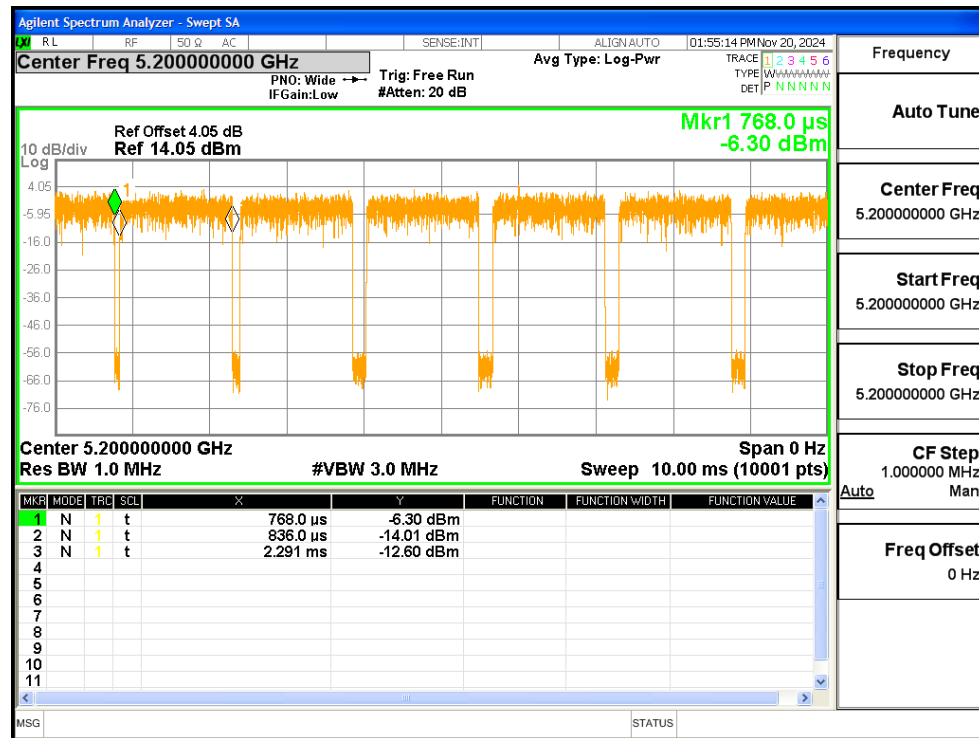


Duty Cycle NVNT ac40 5190MHz Ant1

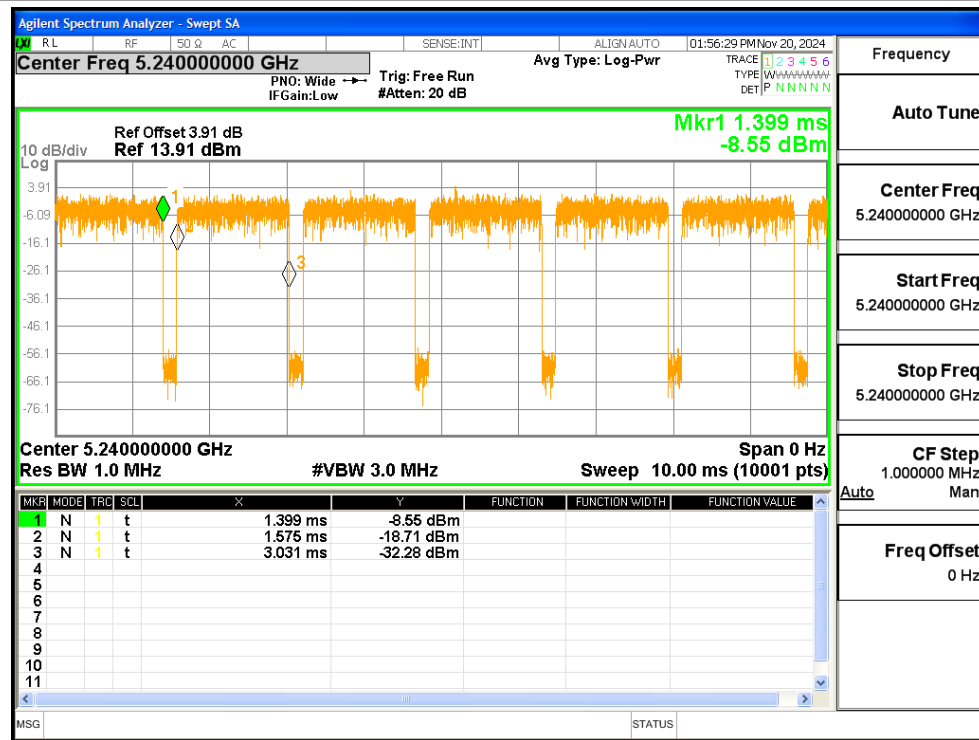




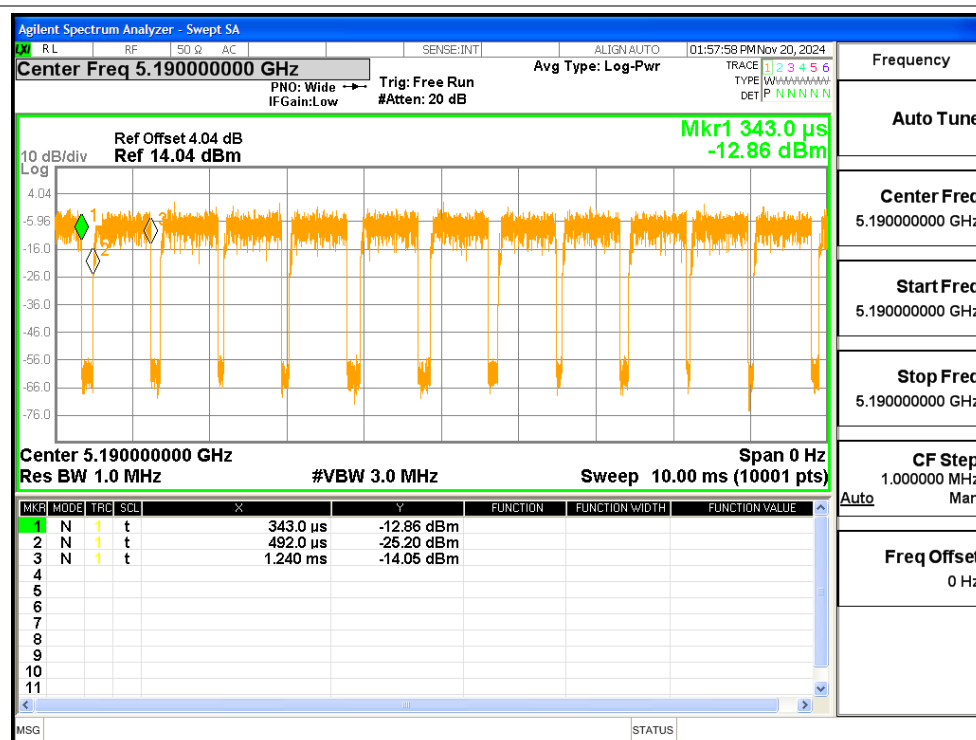
Duty Cycle NVNT ax20 5200MHz Ant1



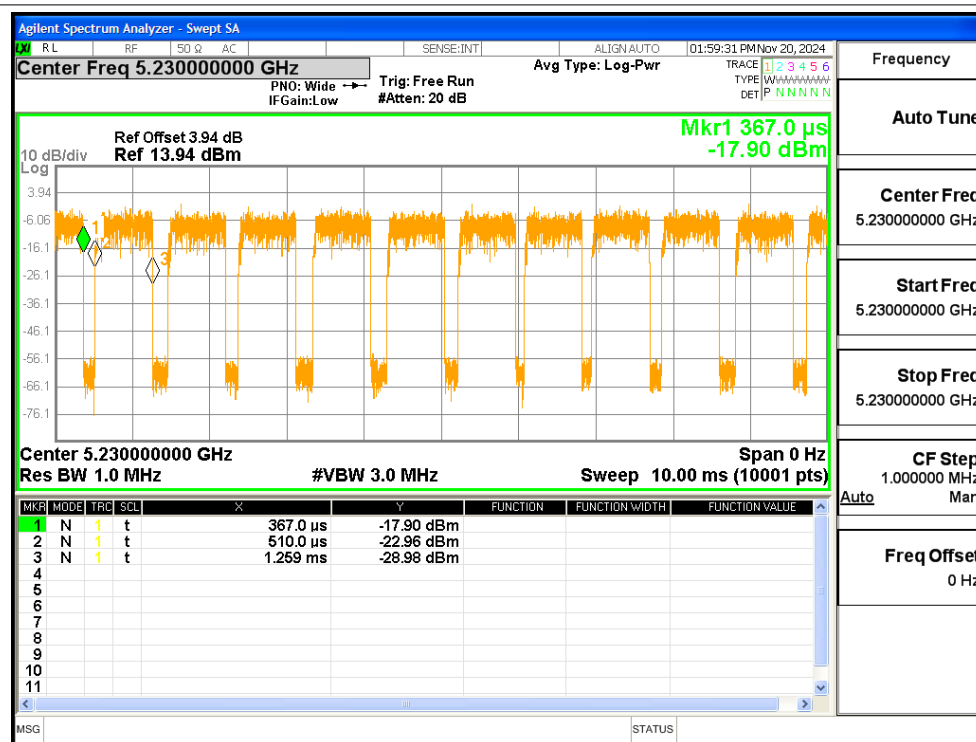
Duty Cycle NVNT ax20 5240MHz Ant1



Duty Cycle NVNT ax40 5190MHz Ant1



Duty Cycle NVNT ax40 5230MHz Ant1



Maximum Conducted Output Power

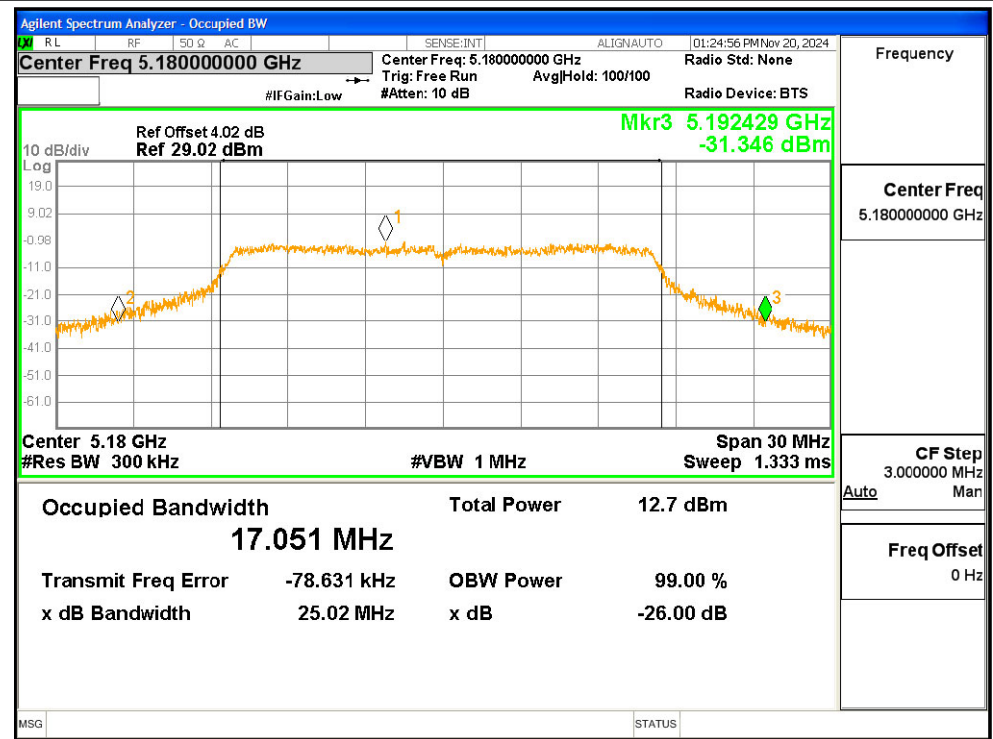
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	7.59	0.28	7.87	24	Pass
		5200		6.86	0.18	7.04	24	Pass
		5240		7.02	0.33	7.35	24	Pass
	n20	5180		7.33	0.25	7.58	24	Pass
		5200		2.21	0.43	2.64	24	Pass
		5240		6.98	0.55	7.53	24	Pass
	n40	5190		6.84	0.49	7.33	24	Pass
		5230		6.88	0.47	7.35	24	Pass
	ac20	5180		7.33	0.35	7.68	24	Pass
		5200		6.83	0.38	7.21	24	Pass
		5240		6.95	0.29	7.24	24	Pass
	ac40	5190		6.86	0.27	7.13	24	Pass
		5230		6.9	0.62	7.52	24	Pass
	ax20	5180		7.39	0.45	7.84	24	Pass
		5200		6.88	0.2	7.08	24	Pass
		5240		7.02	0.5	7.52	24	Pass
	ax40	5190		6.92	0.79	7.71	24	Pass
		5230		6.97	0.76	7.73	24	Pass

-26dB Bandwidth

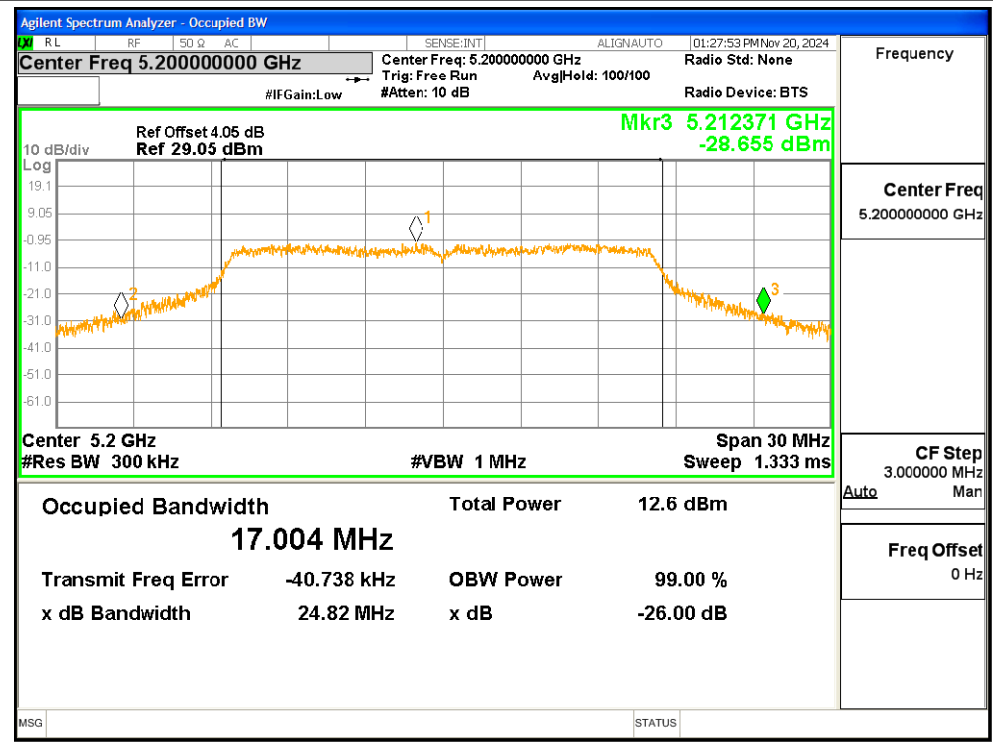
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	25.015	0.5	Pass
		5200		24.824	0.5	Pass
		5240		24.65	0.5	Pass
	n20	5180		26.405	0.5	Pass
		5200		25.578	0.5	Pass
		5240		26.17	0.5	Pass
	n40	5190		51.496	0.5	Pass
		5230		50.71	0.5	Pass
	ac20	5180		26.586	0.5	Pass
		5200		25.631	0.5	Pass
		5240		27.292	0.5	Pass
	ac40	5190		50.766	0.5	Pass
		5230		50.591	0.5	Pass
	ax20	5180		24.659	0.5	Pass
		5200		24.758	0.5	Pass
		5240		24.995	0.5	Pass
	ax40	5190		48.514	0.5	Pass
		5230		47.721	0.5	Pass

Test Graphs

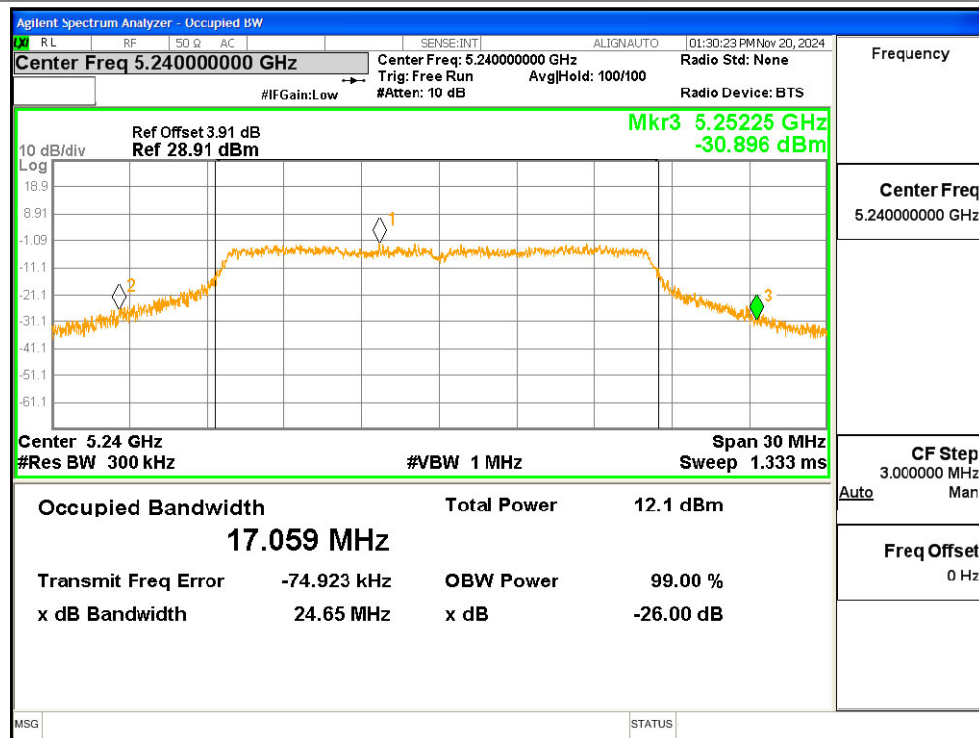
-26dB Bandwidth NVNT a 5180MHz Ant1



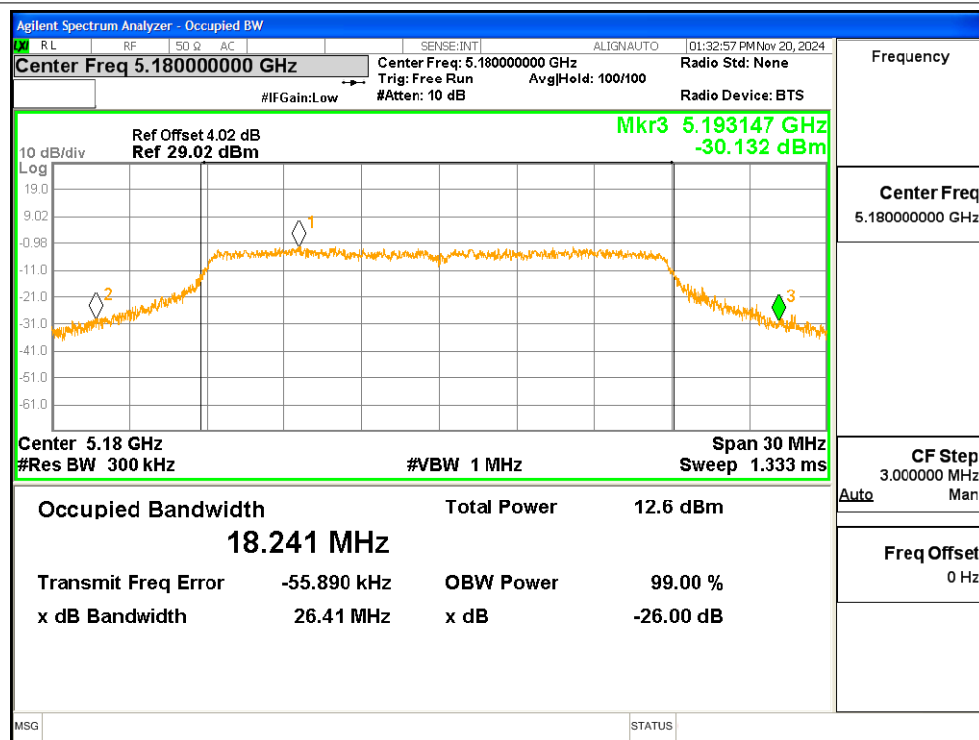
-26dB Bandwidth NVNT a 5200MHz Ant1



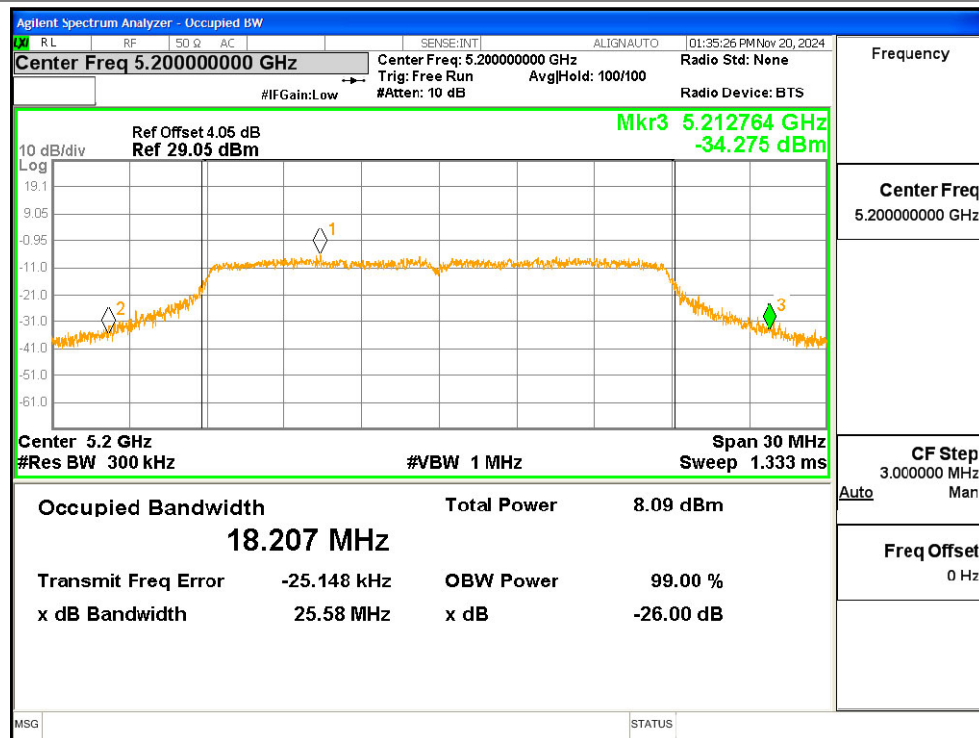
-26dB Bandwidth NVNT a 5240MHz Ant1



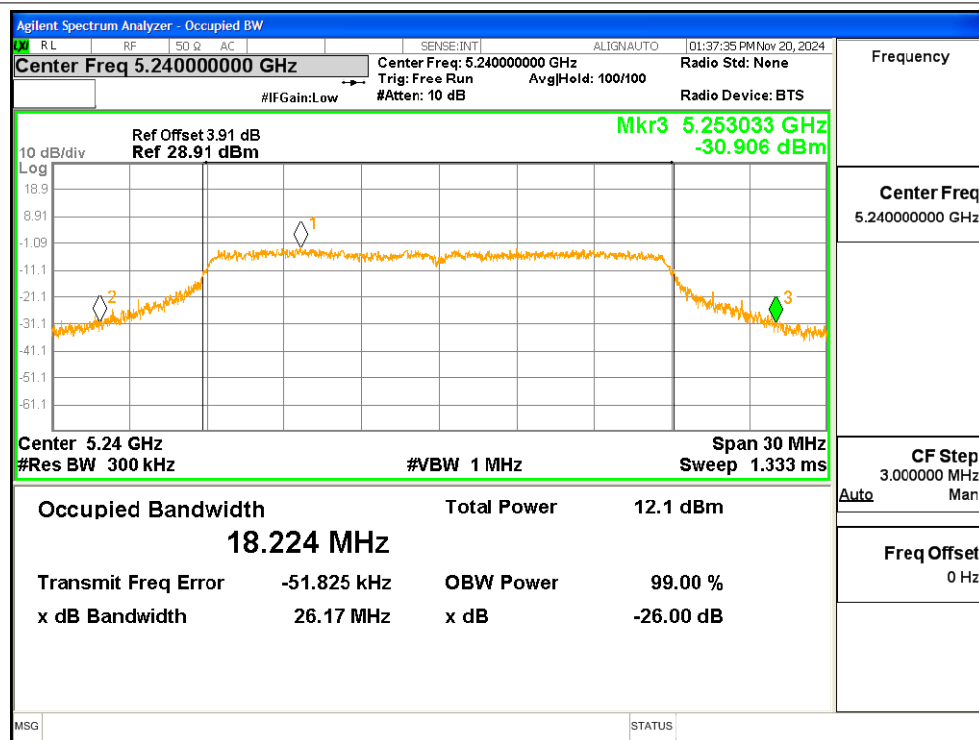
-26dB Bandwidth NVNT n20 5180MHz Ant1



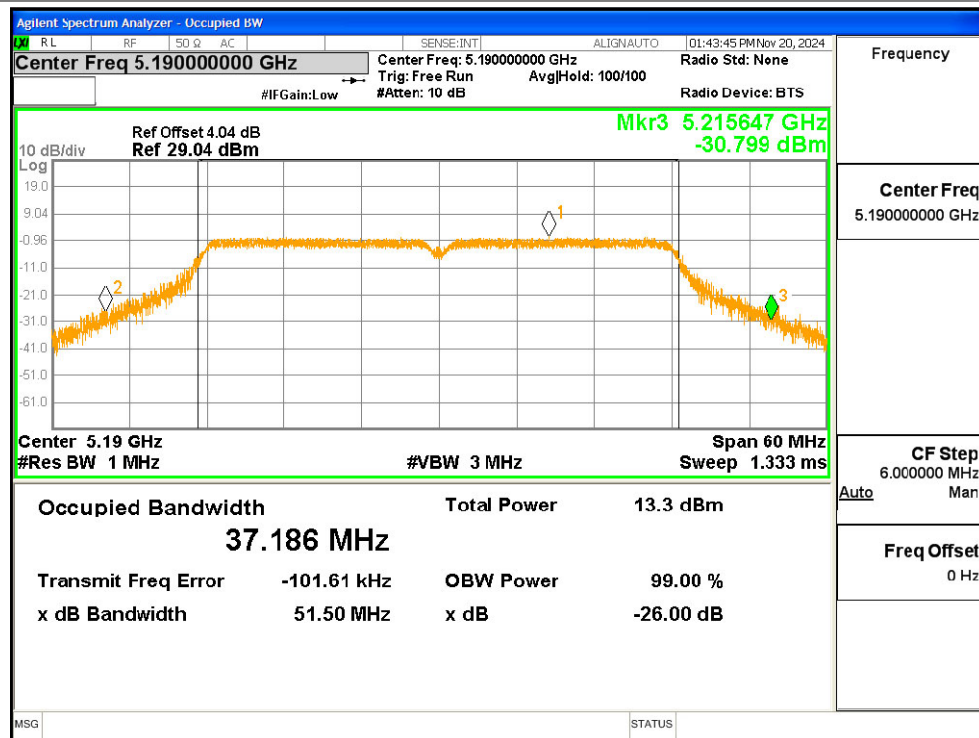
-26dB Bandwidth NVNT n20 5200MHz Ant1



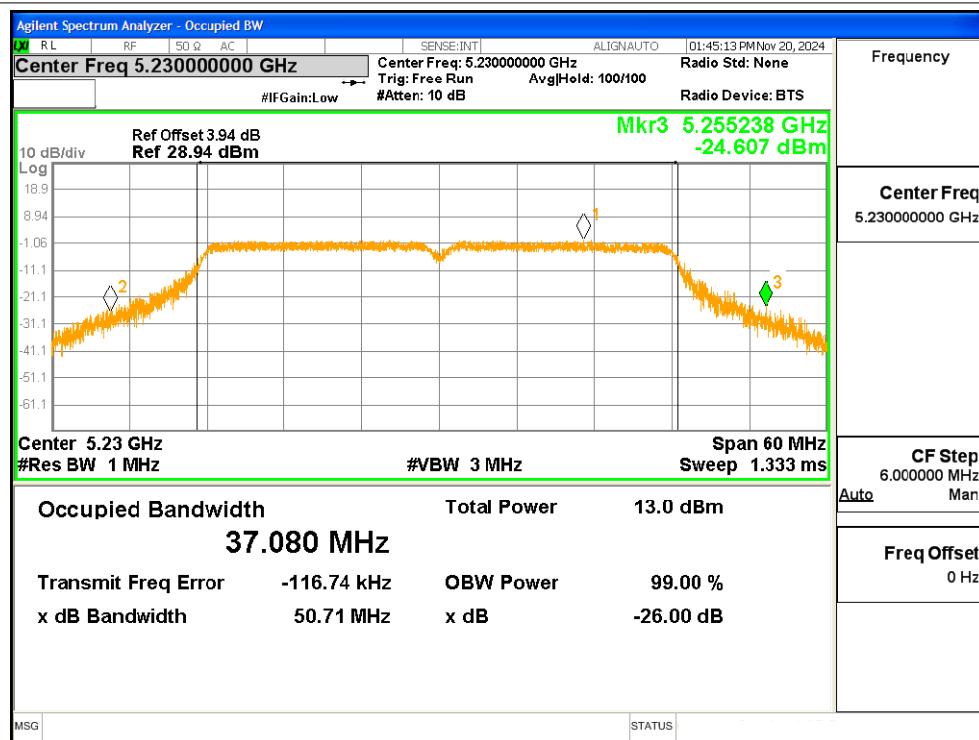
-26dB Bandwidth NVNT n20 5240MHz Ant1



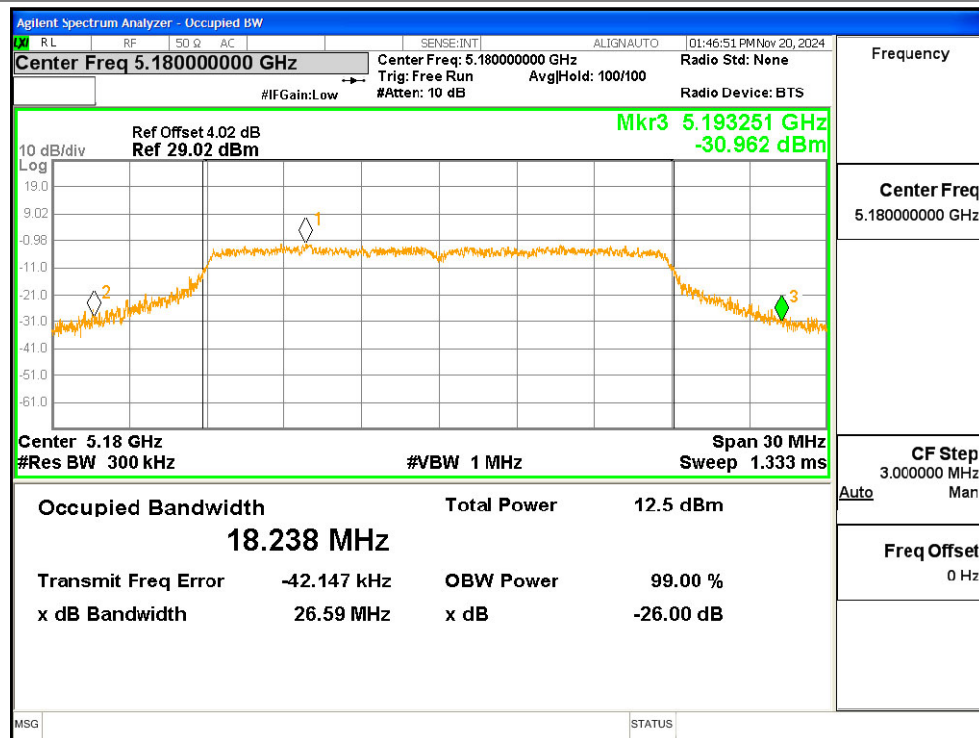
-26dB Bandwidth NVNT n40 5190MHz Ant1



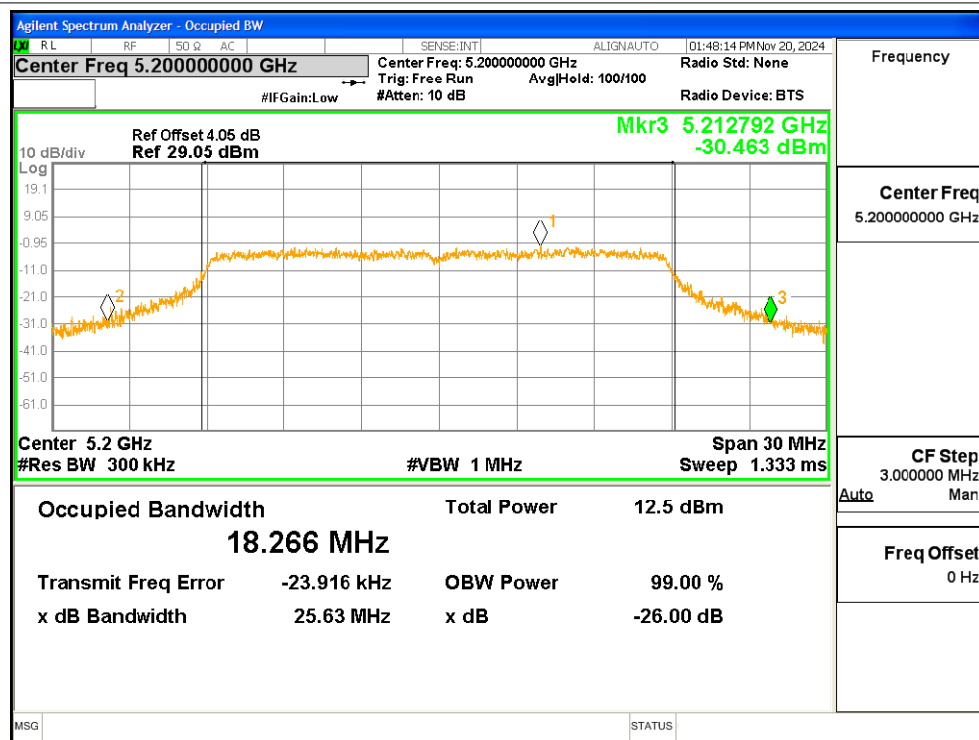
-26dB Bandwidth NVNT n40 5230MHz Ant1



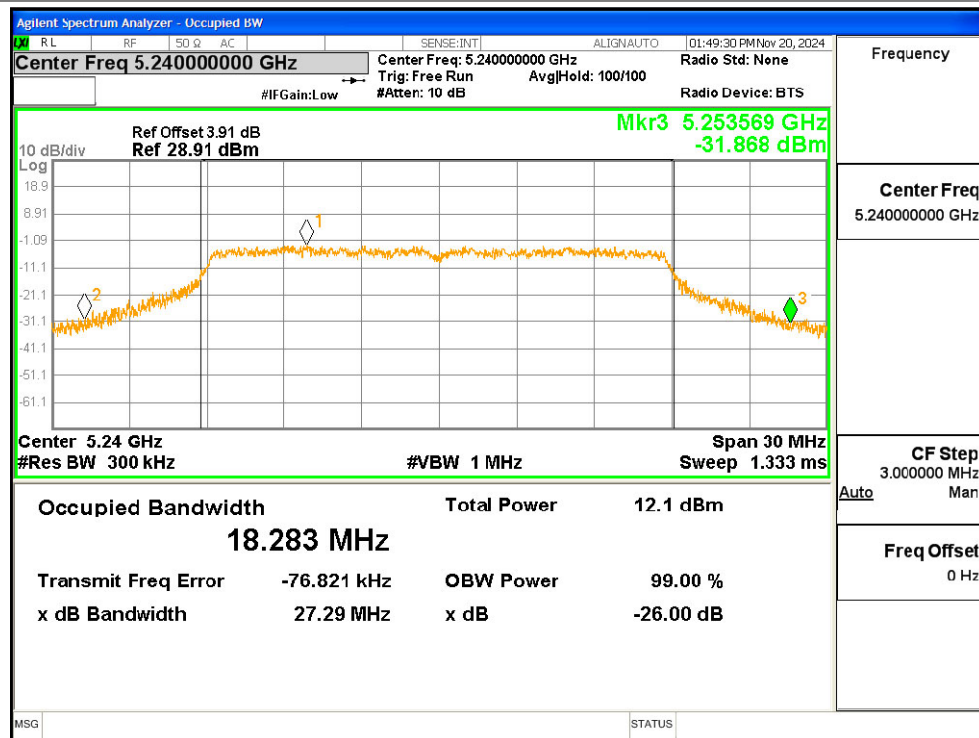
-26dB Bandwidth NVNT ac20 5180MHz Ant1



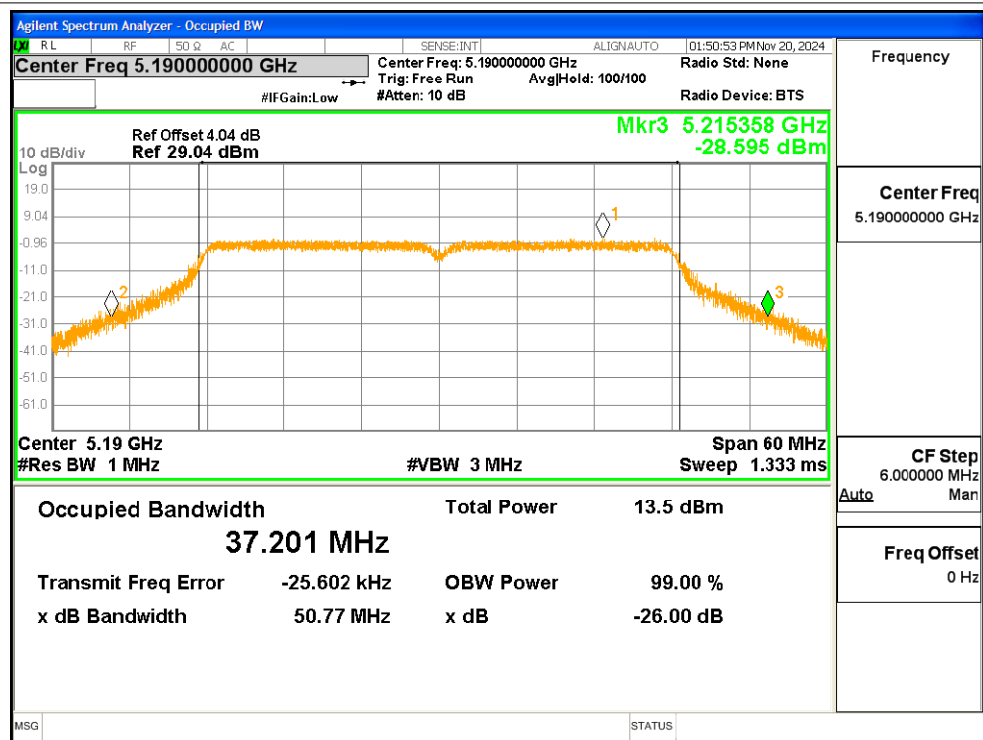
-26dB Bandwidth NVNT ac20 5200MHz Ant1



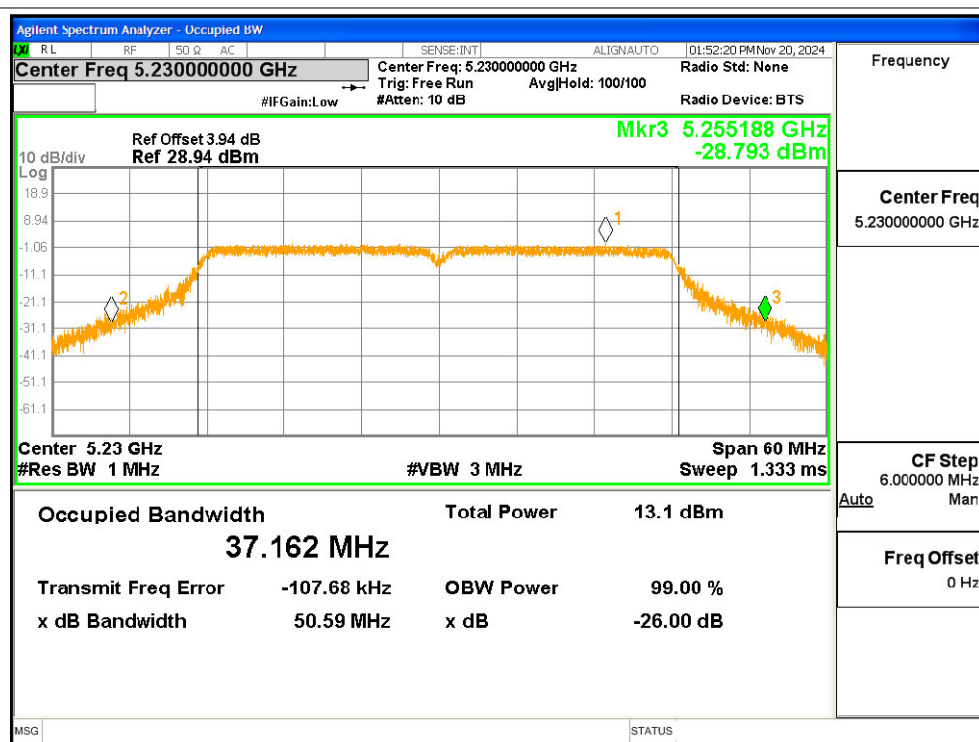
-26dB Bandwidth NVNT ac20 5240MHz Ant1



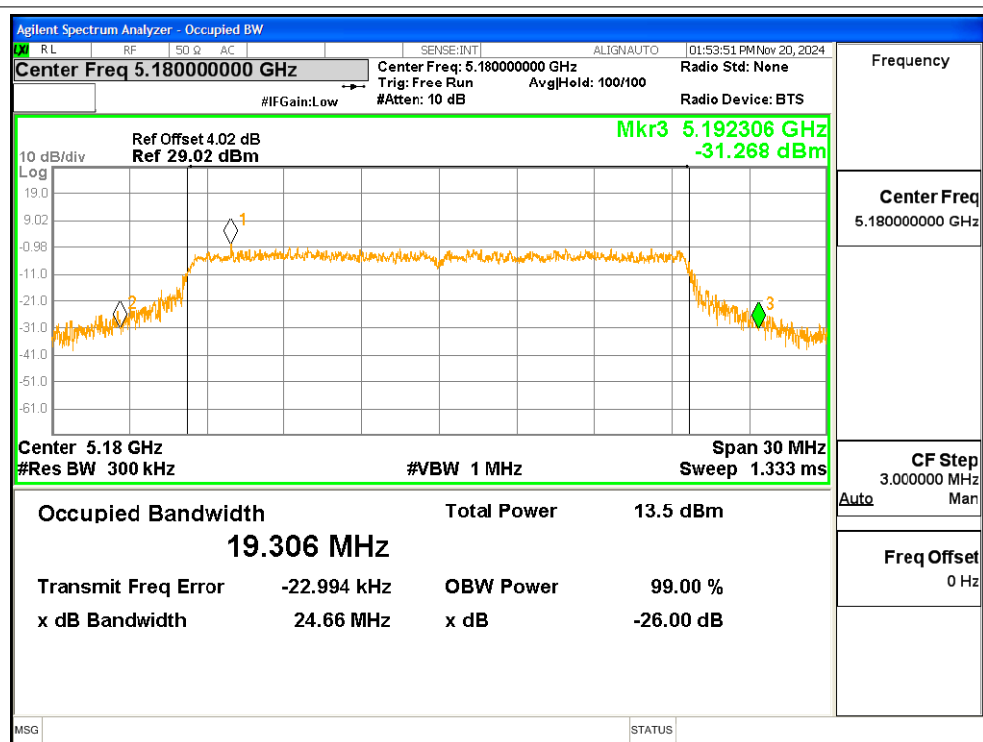
-26dB Bandwidth NVNT ac40 5190MHz Ant1



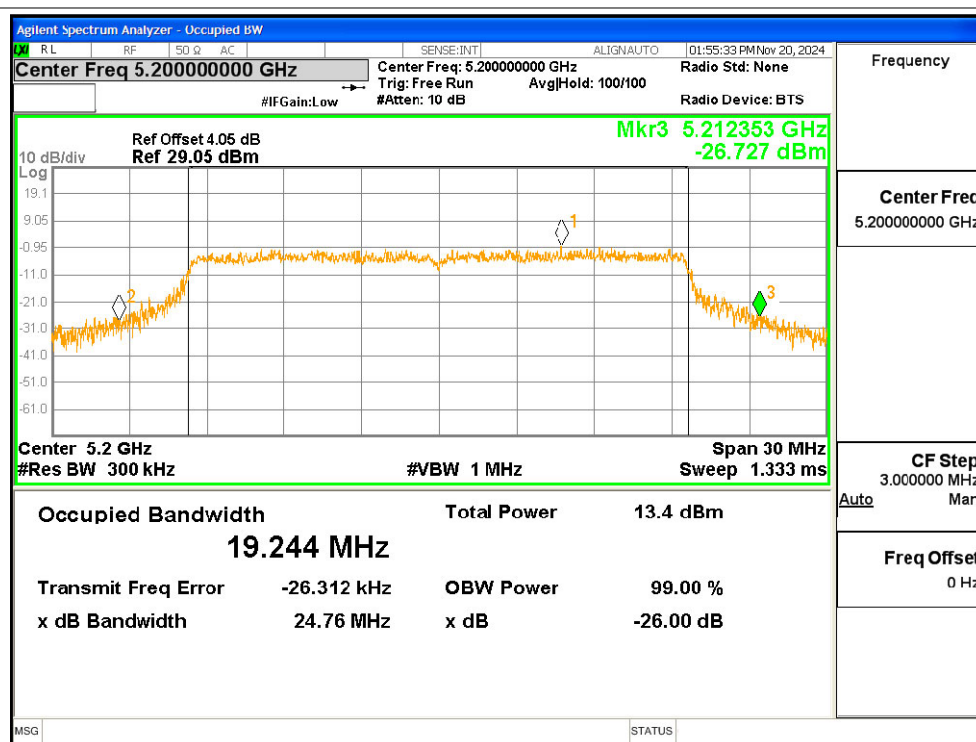
-26dB Bandwidth NVNT ac40 5230MHz Ant1



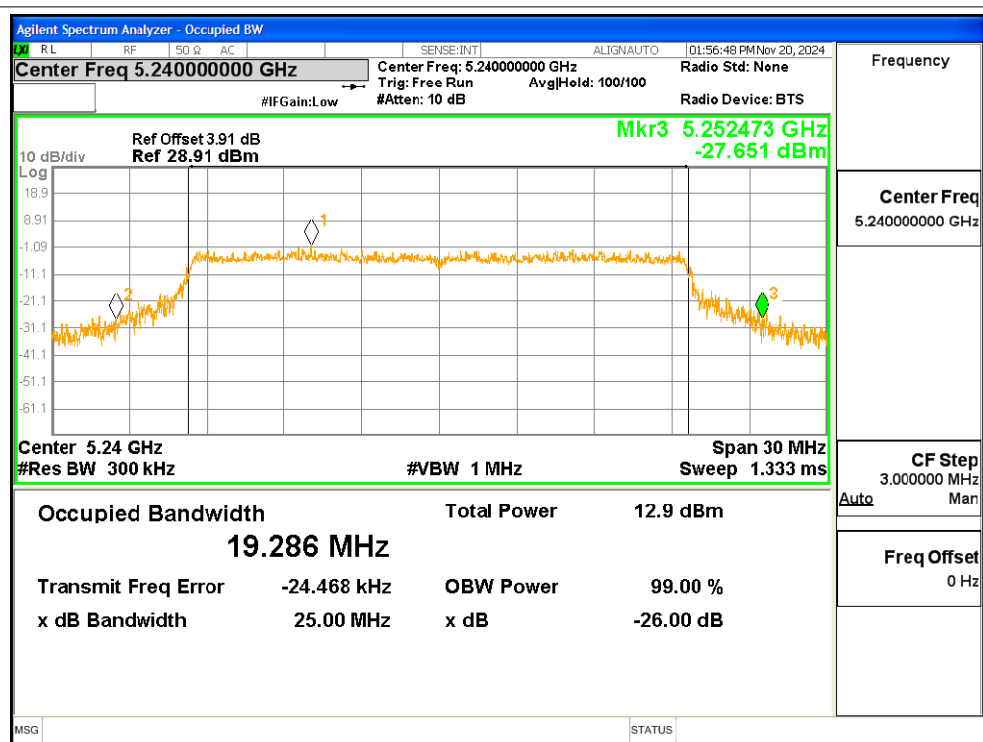
-26dB Bandwidth NVNT ax20 5180MHz Ant1



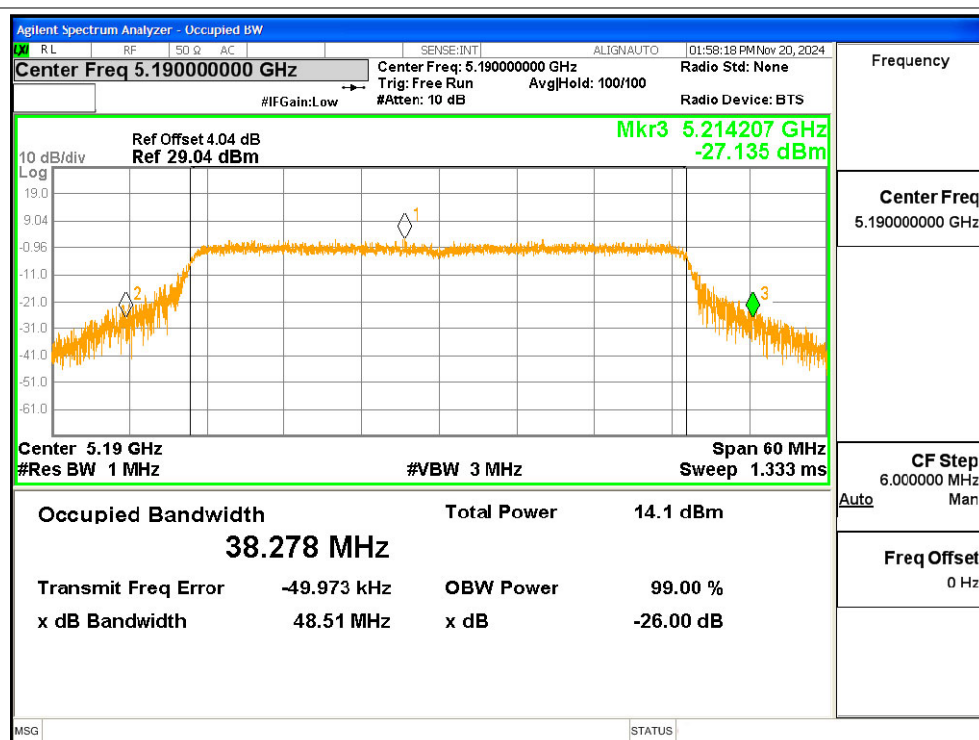
-26dB Bandwidth NVNT ax20 5200MHz Ant1



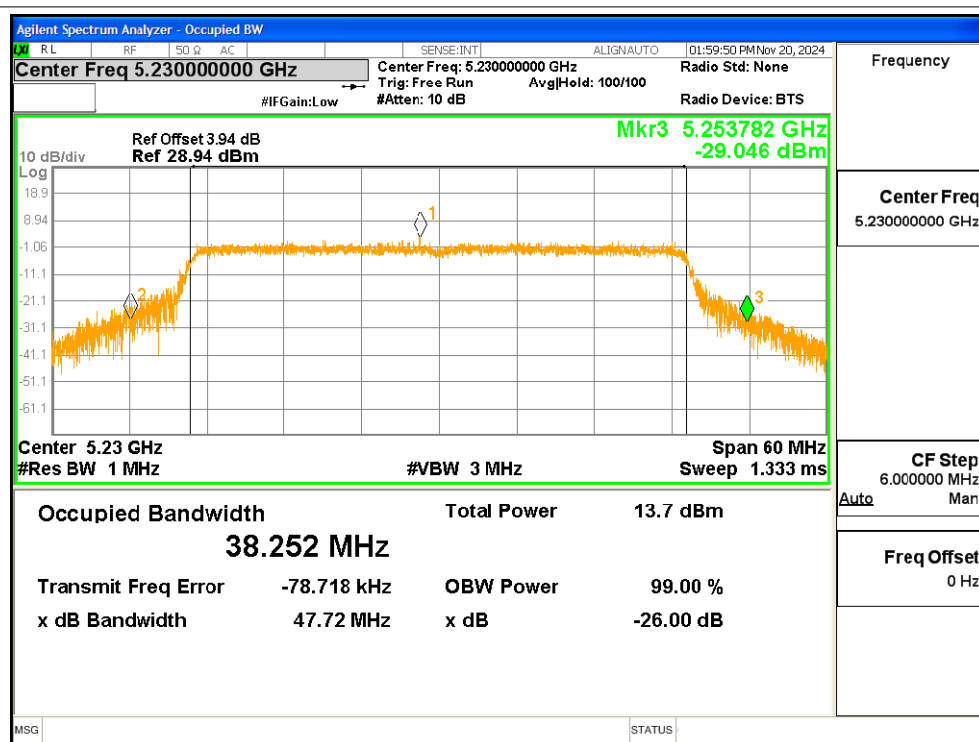
-26dB Bandwidth NVNT ax20 5240MHz Ant1



-26dB Bandwidth NVNT ax40 5190MHz Ant1



-26dB Bandwidth NVNT ax40 5230MHz Ant1

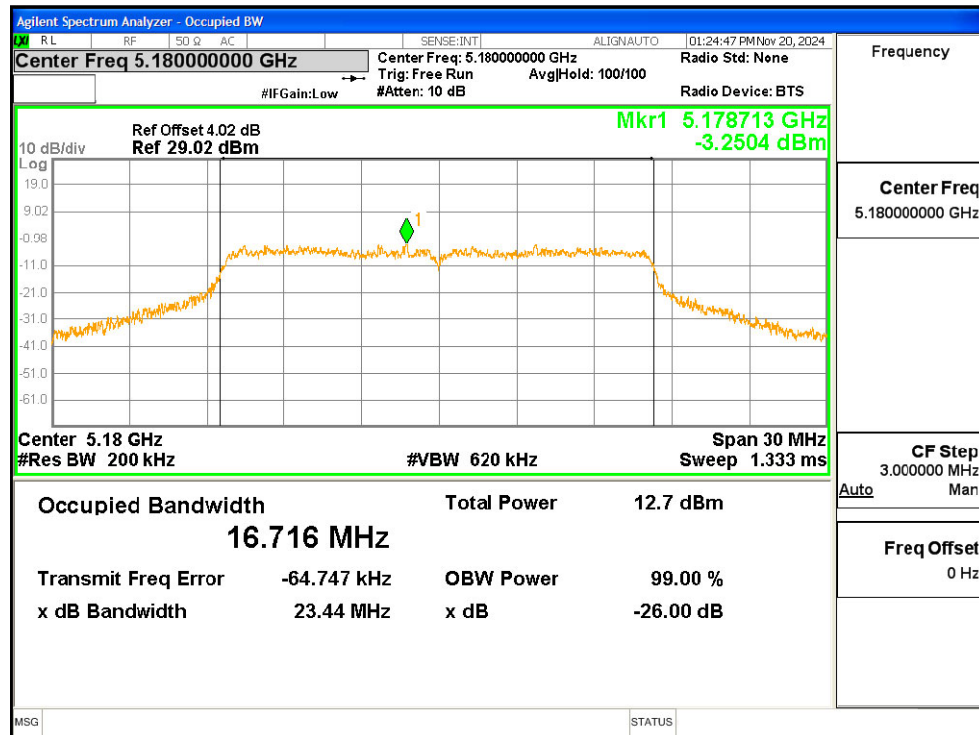


Occupied Channel Bandwidth

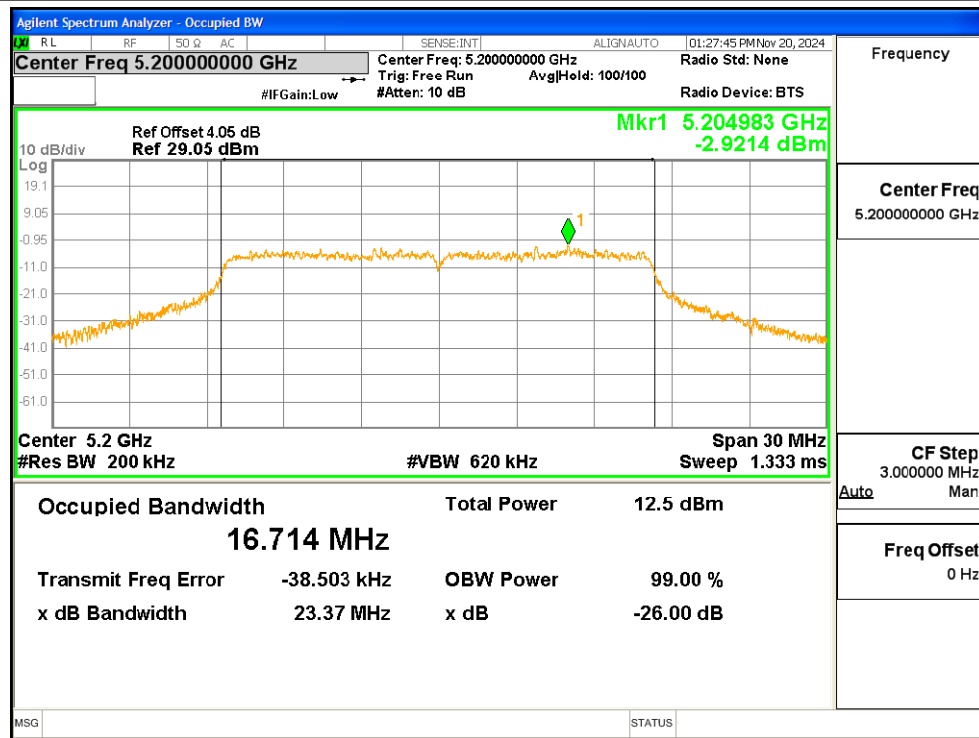
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.716
		5200		16.714
		5240		16.743
	n20	5180		17.935
		5200		17.907
		5240		17.93
	n40	5190		36.578
		5230		36.542
	ac20	5180		17.966
		5200		17.909
		5240		17.949
	ac40	5190		36.603
		5230		36.535
	ax20	5180		19.107
		5200		19.12
		5240		19.084
	ax40	5190		38.02
		5230		37.951

Test Graphs

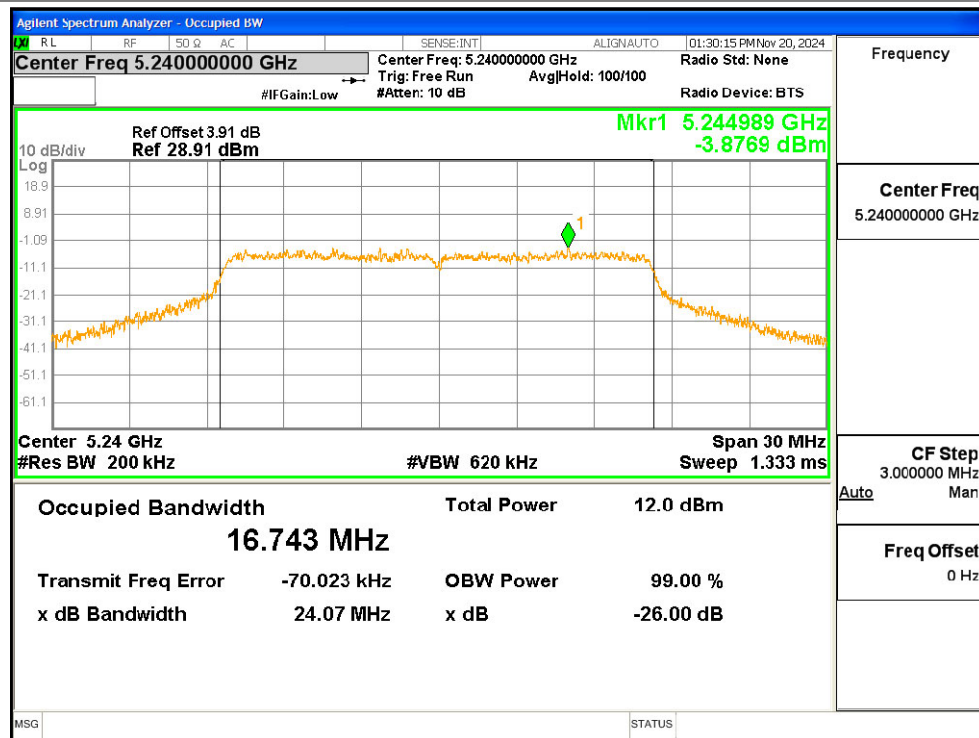
OBW NVNT a 5180MHz Ant1



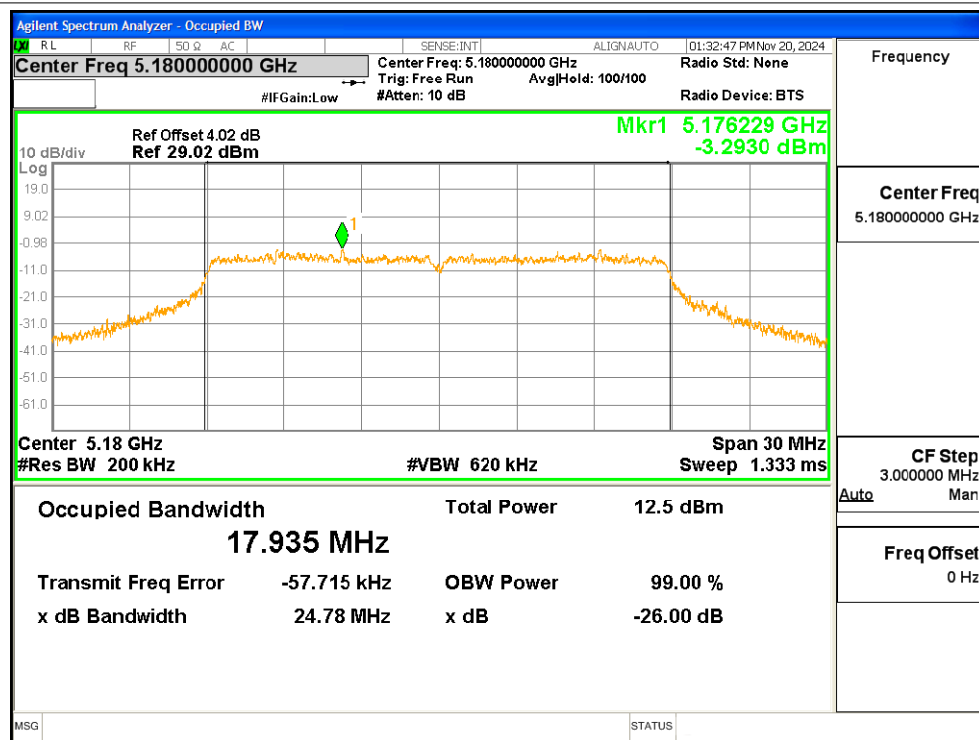
OBW NVNT a 5200MHz Ant1



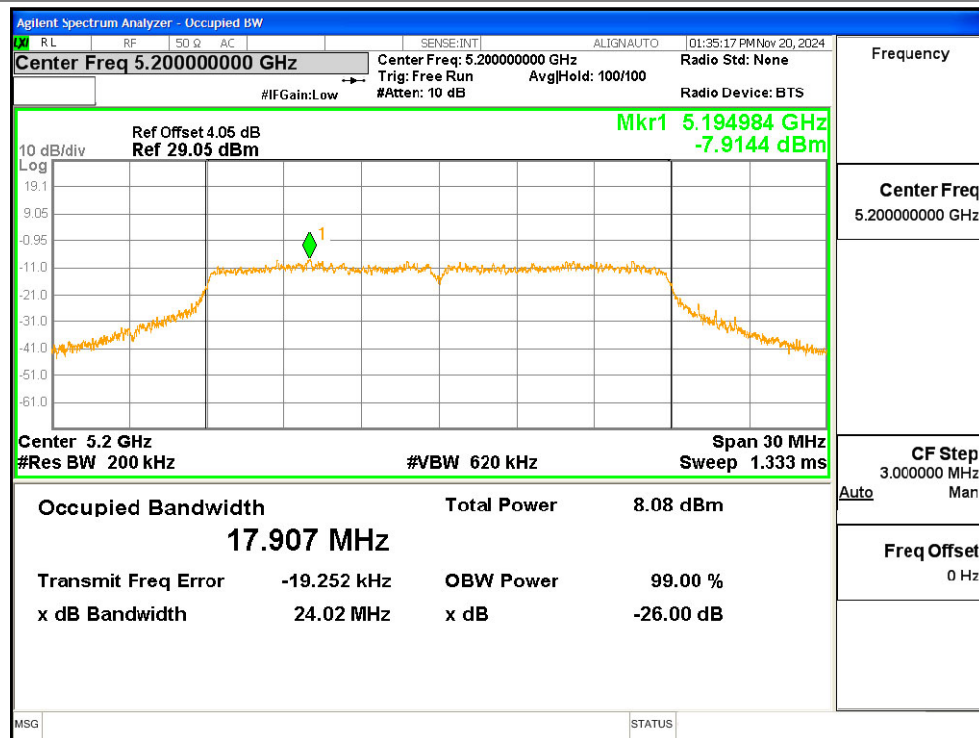
OBW NVNT a 5240MHz Ant1



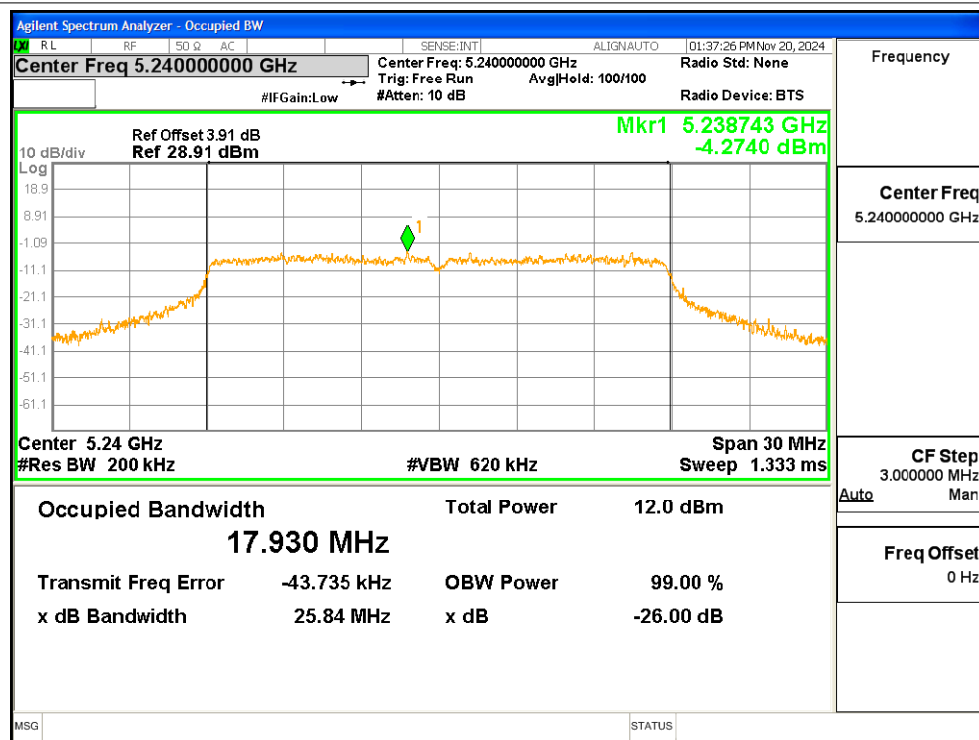
OBW NVNT n20 5180MHz Ant1



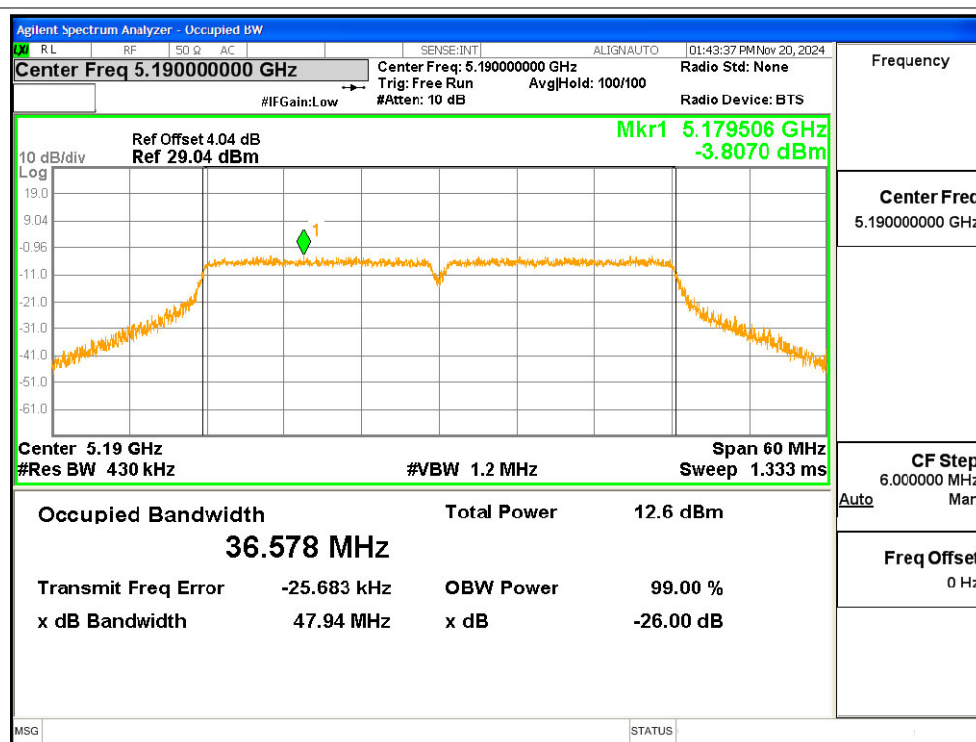
OBW NVNT n20 5200MHz Ant1



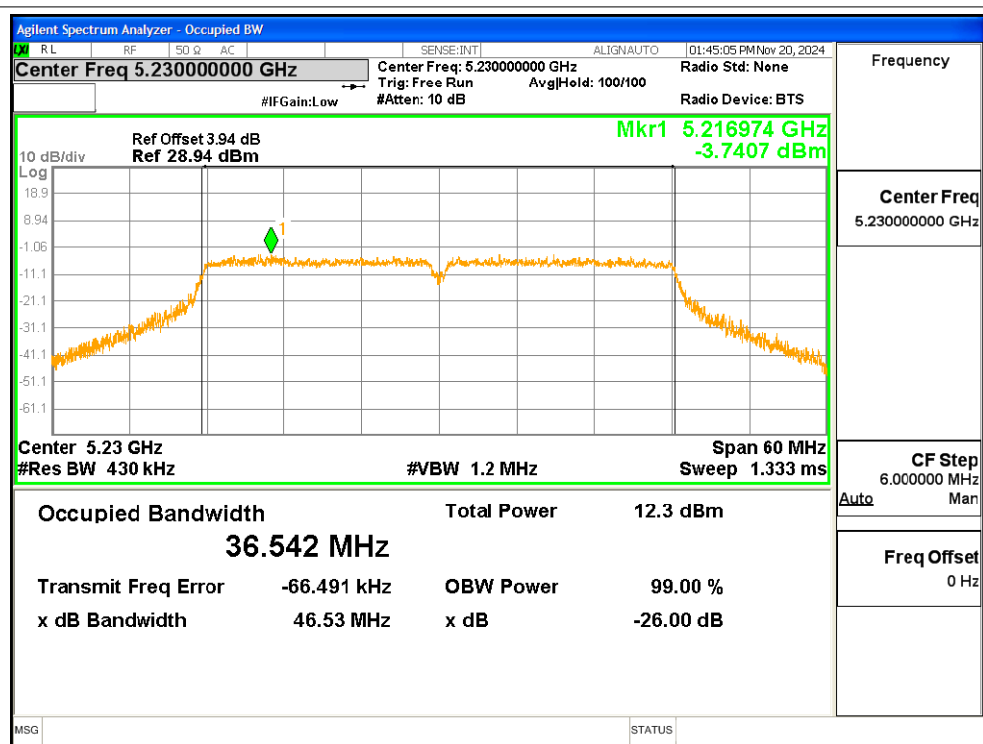
OBW NVNT n20 5240MHz Ant1



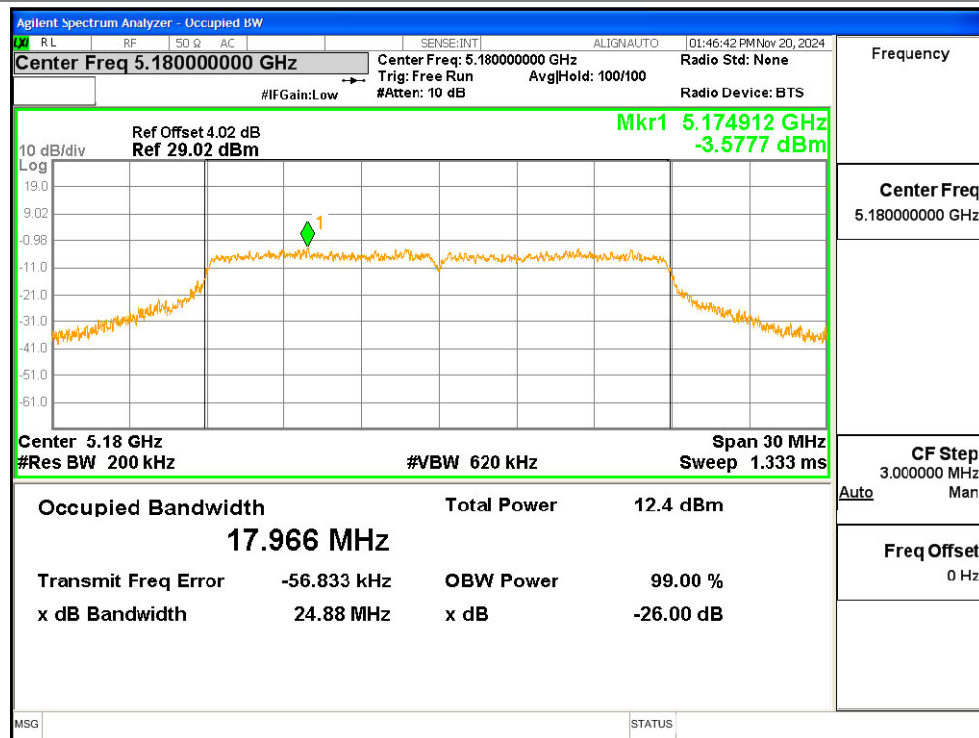
OBW NVNT n40 5190MHz Ant1



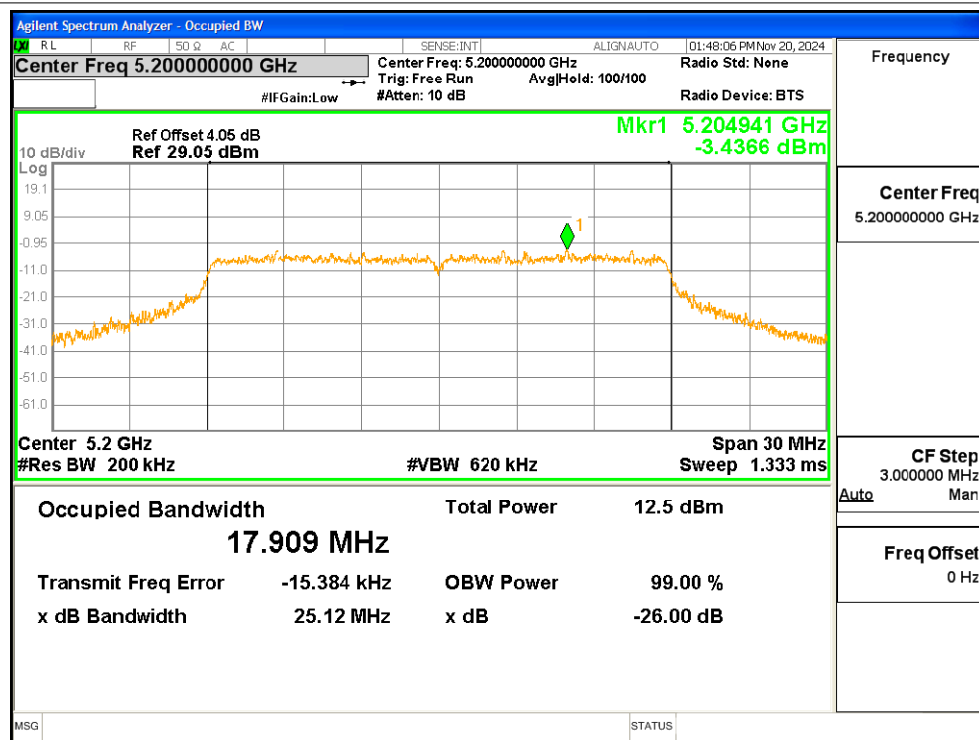
OBW NVNT n40 5230MHz Ant1



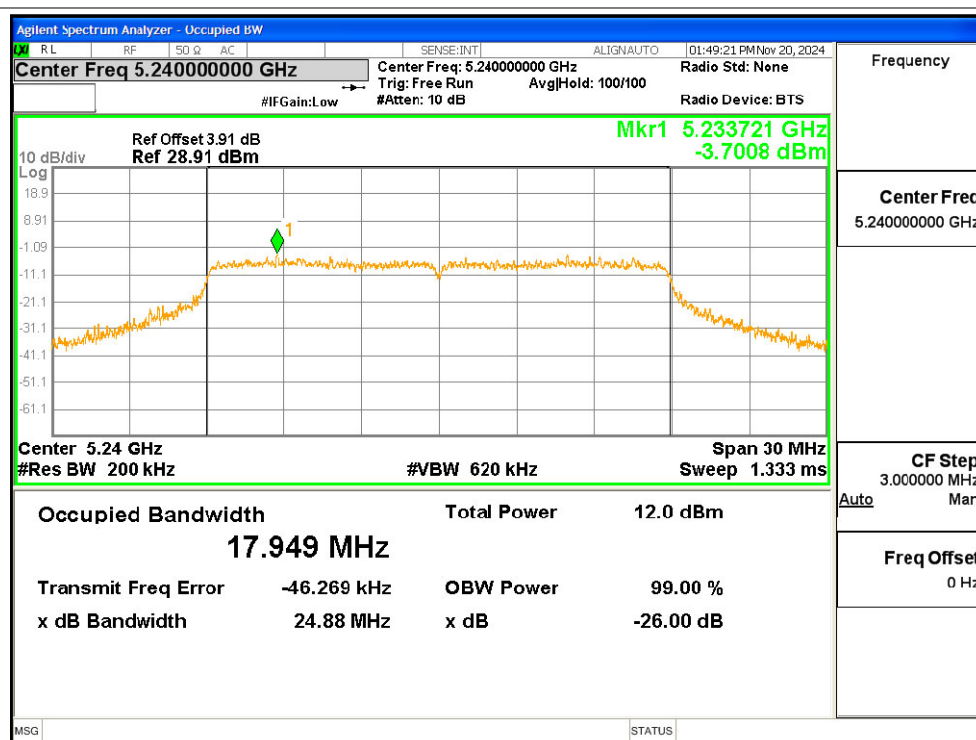
OBW NVNT ac20 5180MHz Ant1



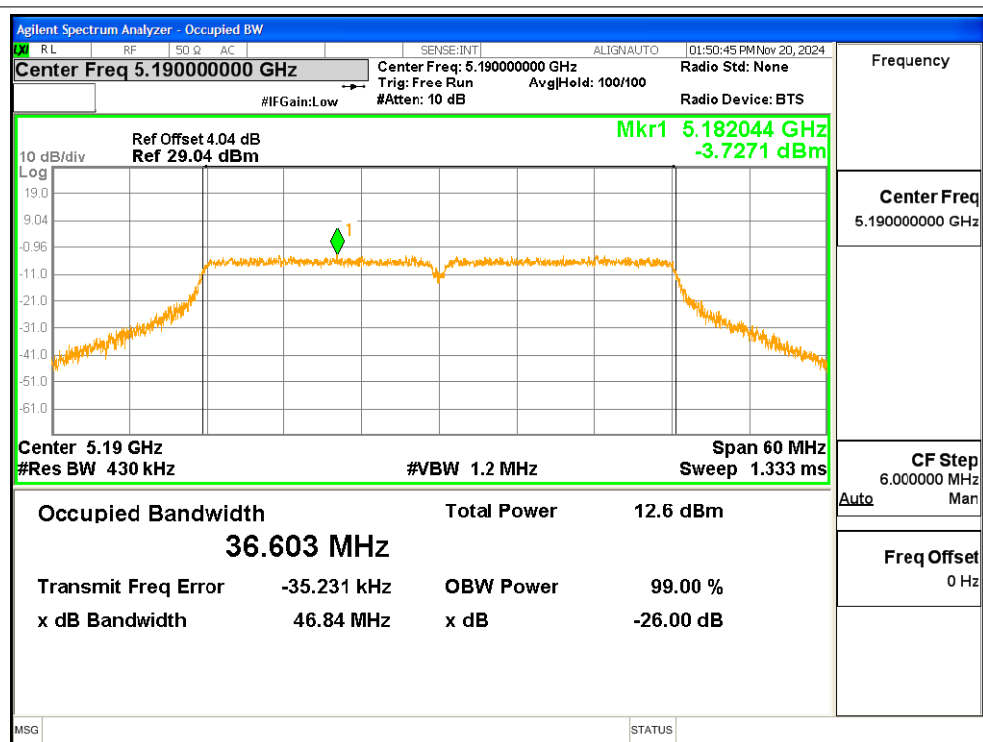
OBW NVNT ac20 5200MHz Ant1



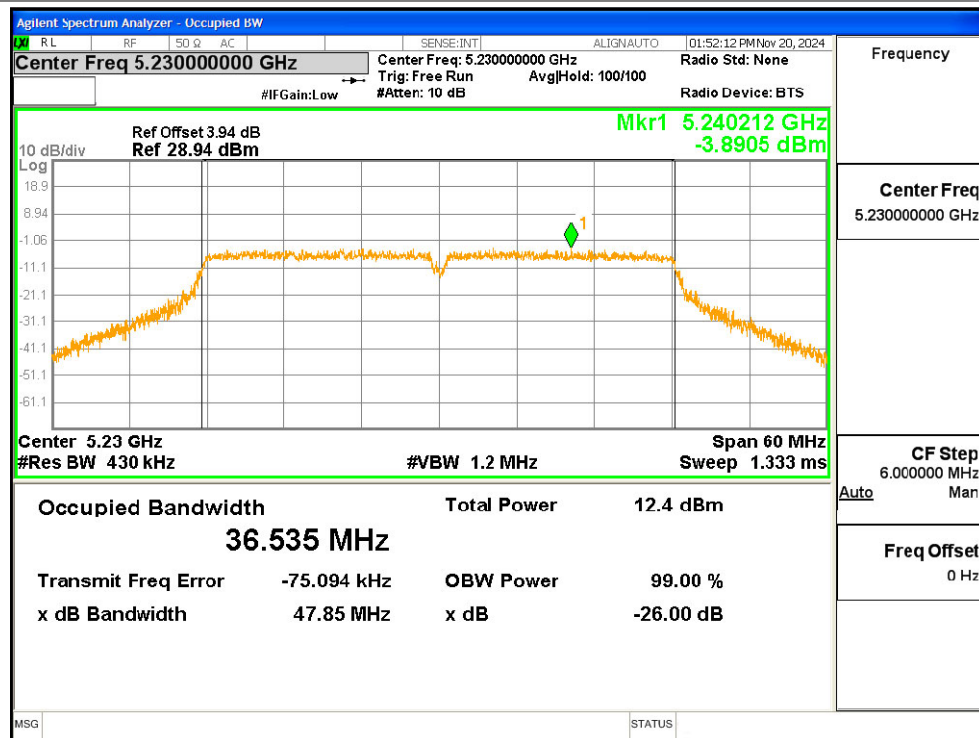
OBW NVNT ac20 5240MHz Ant1



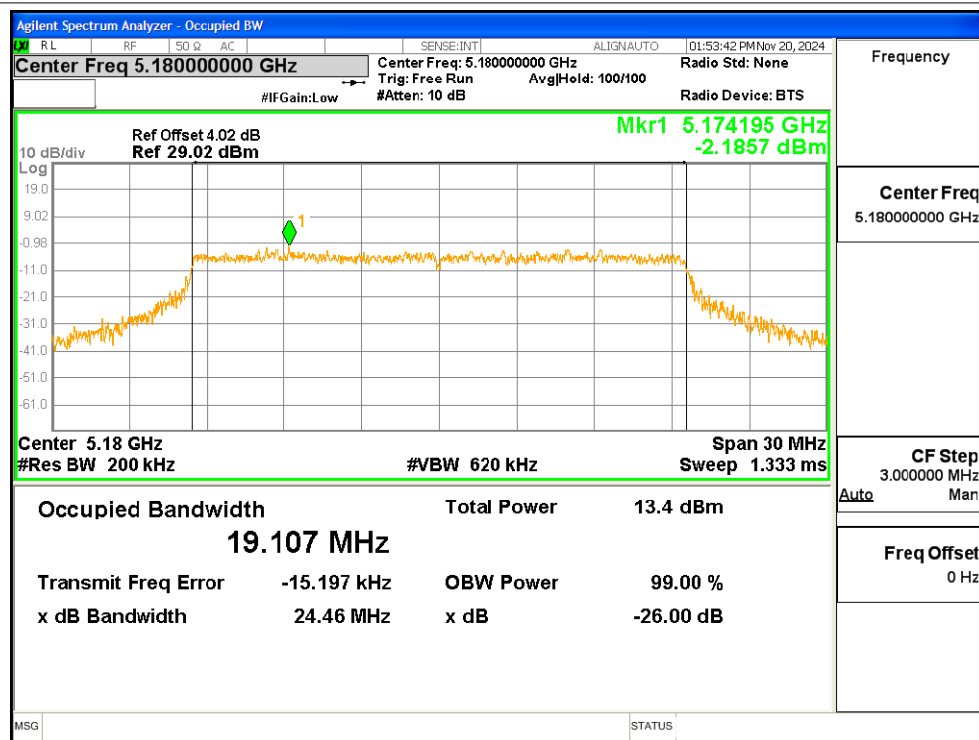
OBW NVNT ac40 5190MHz Ant1



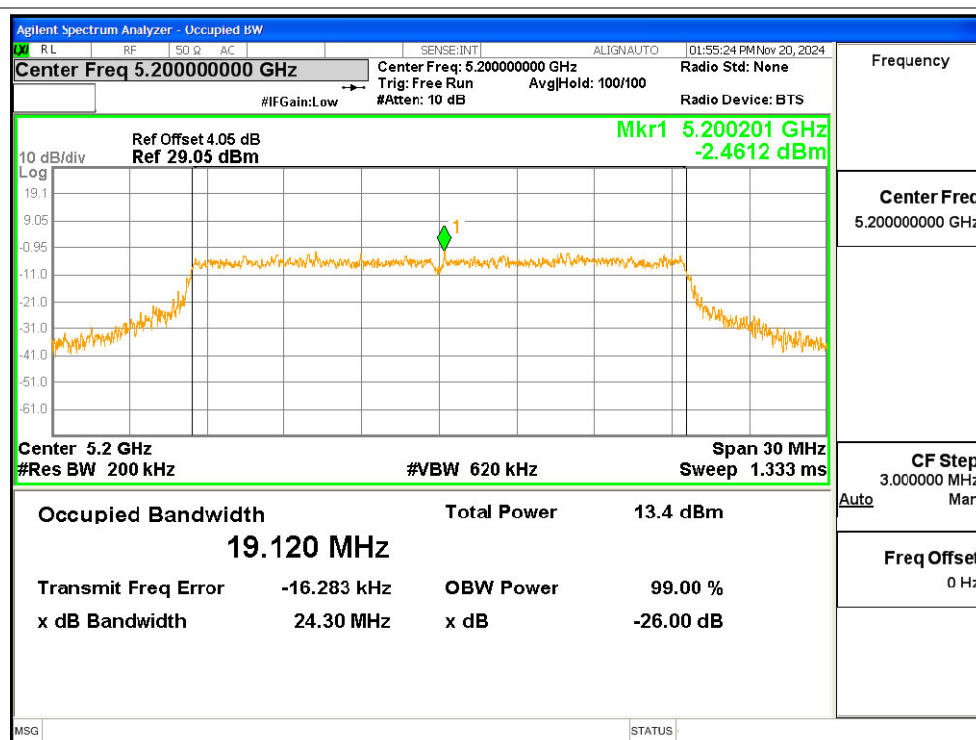
OBW NVNT ac40 5230MHz Ant1



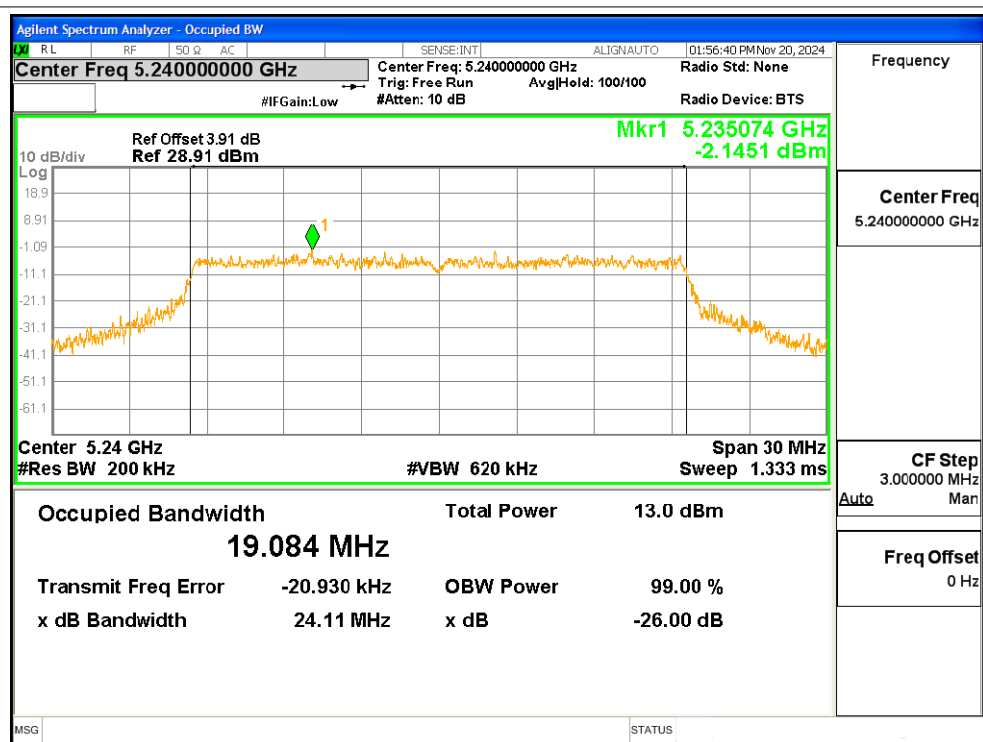
OBW NVNT ax20 5180MHz Ant1



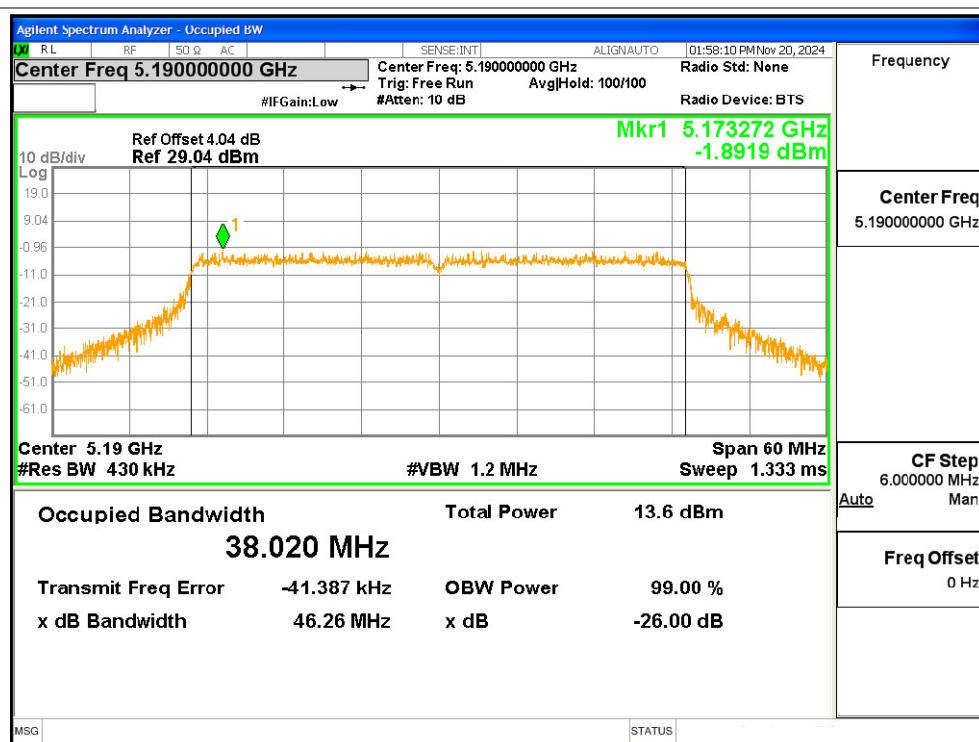
OBW NVNT ax20 5200MHz Ant1



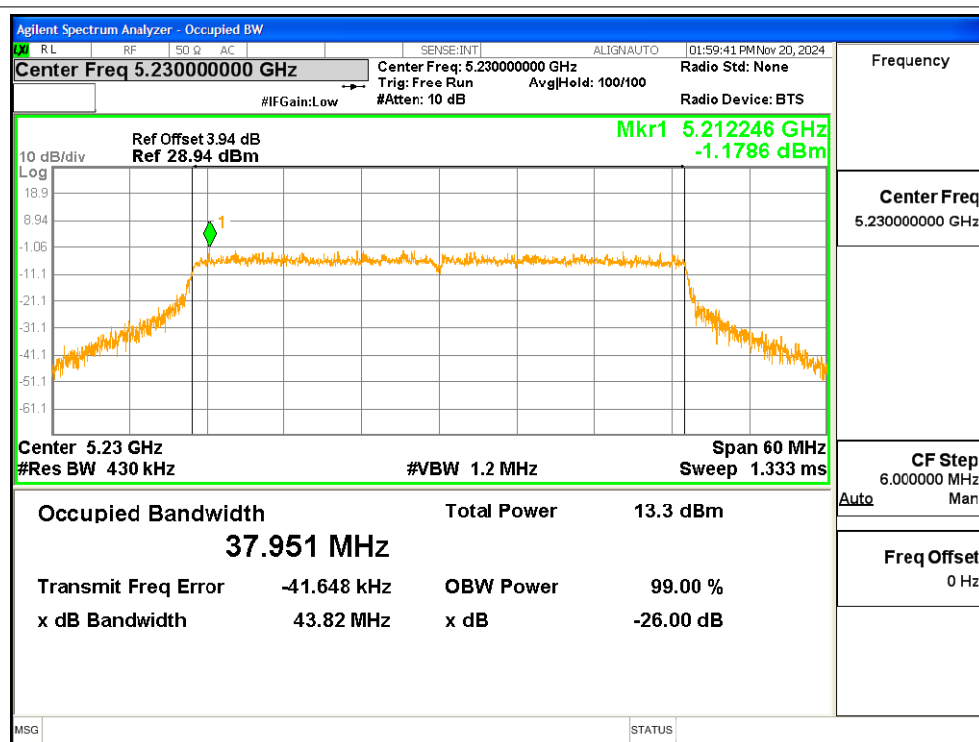
OBW NVNT ax20 5240MHz Ant1



OBW NVNT ax40 5190MHz Ant1



OBW NVNT ax40 5230MHz Ant1

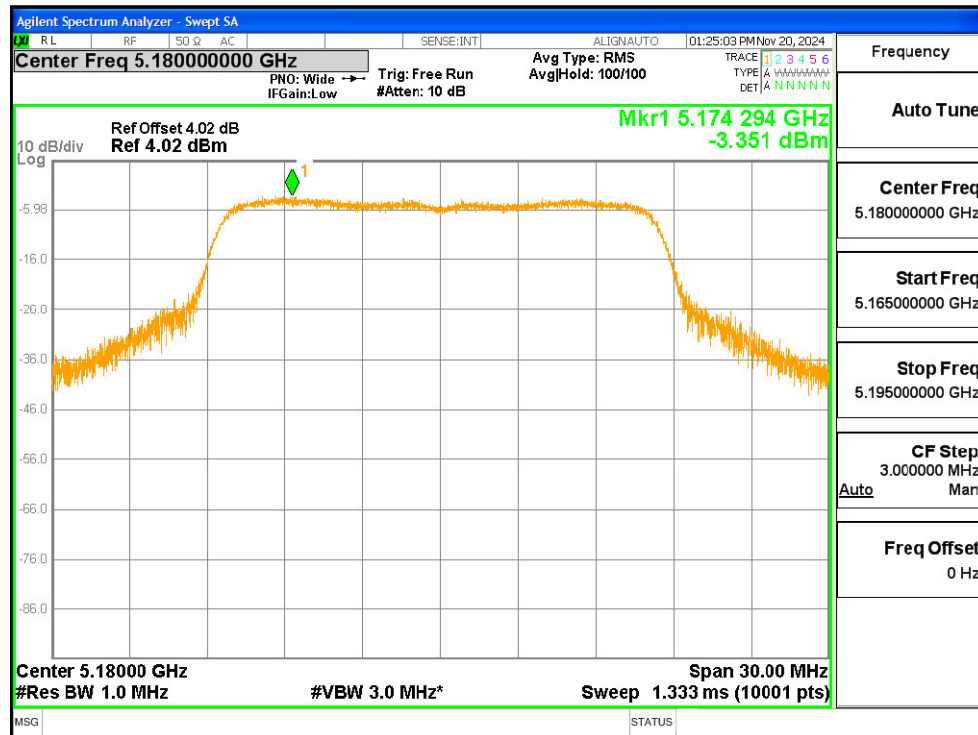


Maximum Power Spectral Density Level

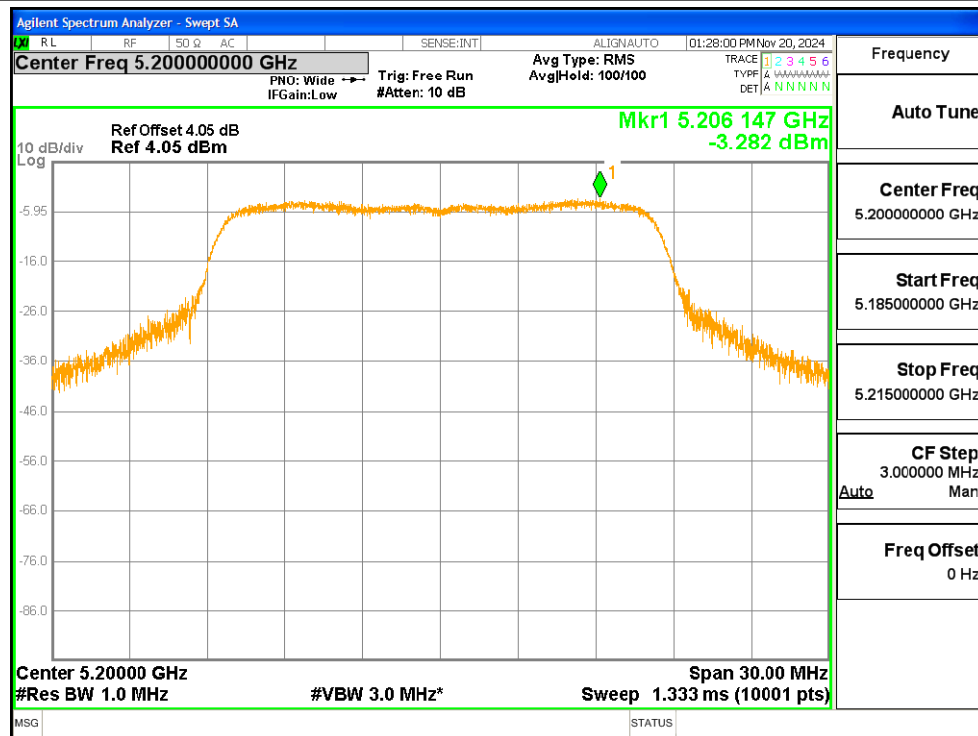
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-3.35	0.28	-3.07	11	Pass
		5200		-3.28	0.18	-3.1	11	Pass
		5240		-3.75	0.33	-3.42	11	Pass
	n20	5180		-3.61	0.25	-3.36	11	Pass
		5200		-8.67	0.43	-8.24	11	Pass
		5240		-4.13	0.55	-3.58	11	Pass
	n40	5190		-7.27	0.49	-6.78	11	Pass
		5230		-7.5	0.47	-7.03	11	Pass
	ac20	5180		-3.88	0.35	-3.53	11	Pass
		5200		-3.74	0.38	-3.36	11	Pass
		5240		-3.95	0.29	-3.66	11	Pass
	ac40	5190		-7.32	0.27	-7.05	11	Pass
		5230		-7.59	0.62	-6.97	11	Pass
	ax20	5180		-3.8	0.45	-3.35	11	Pass
		5200		-4.06	0.2	-3.86	11	Pass
		5240		-4.61	0.5	-4.11	11	Pass
	ax40	5190		-7.39	0.79	-6.6	11	Pass
		5230		-7.96	0.76	-7.2	11	Pass

Test Graphs

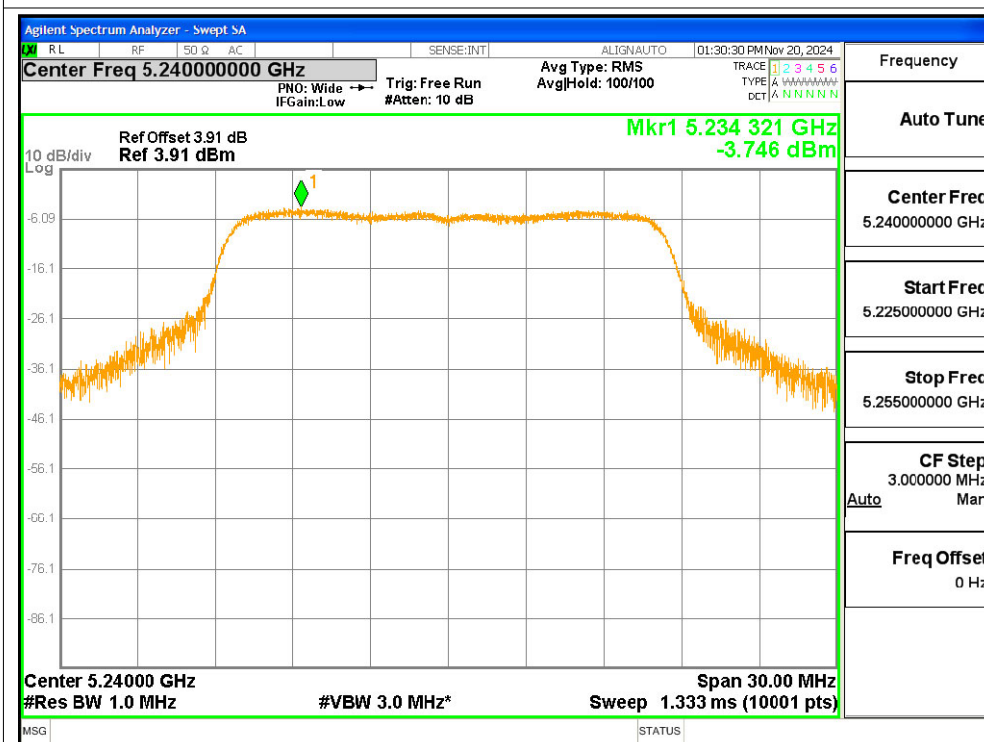
PSD NVNT a 5180MHz Ant1



PSD NVNT a 5200MHz Ant1



PSD NVNT a 5240MHz Ant1



PSD NVNT n20 5180MHz Ant1

