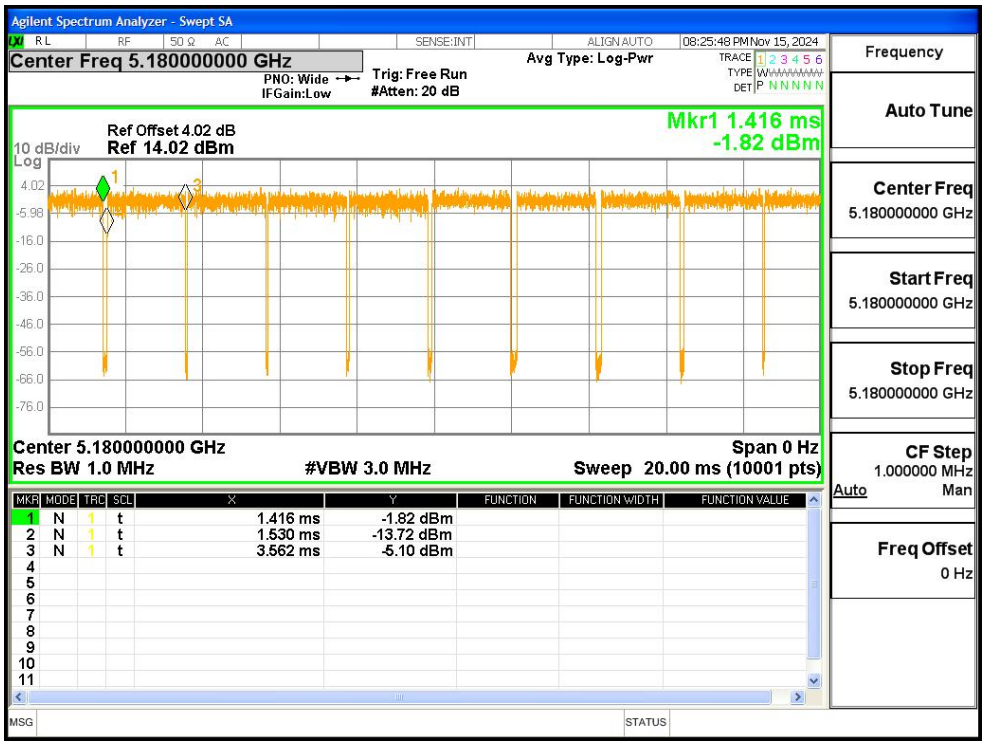
catalogue

Duty Cycle

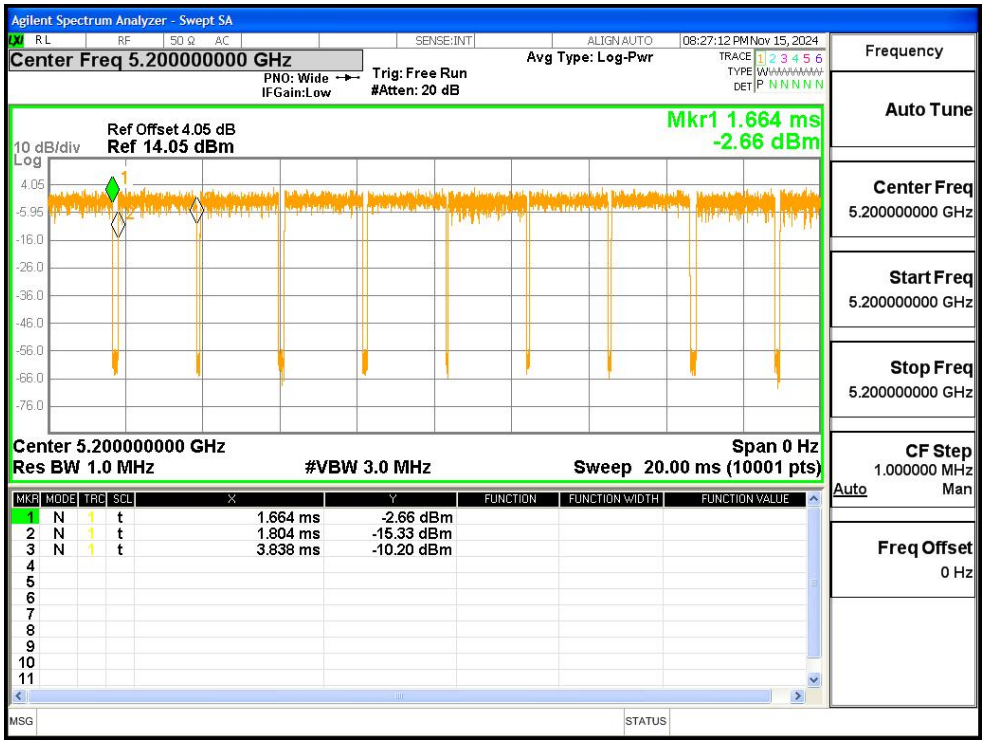
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	94.69	0.24	0.49
		5200		93.56	0.29	0.49
		5240		97.6	0.11	0.49
	n20	5180		95.75	0.19	0.53
		5200		97.43	0.11	0.53
		5240		91.59	0.38	0.53
	n40	5190		90.06	0.45	1.07
		5230		89.29	0.49	1.07
	ac20	5180		92.14	0.36	0.53
		5200		89.04	0.5	0.53
		5240		93.6	0.29	0.53
	ac40	5190		90.11	0.45	1.07
		5230		93.23	0.3	1.07
	ax20	5180		90.21	0.45	0.69
		5200		89.22	0.5	0.69
		5240		89.27	0.49	0.69
	ax40	5190		80.95	0.92	1.34
		5230		79.83	0.98	1.34

Test Graphs

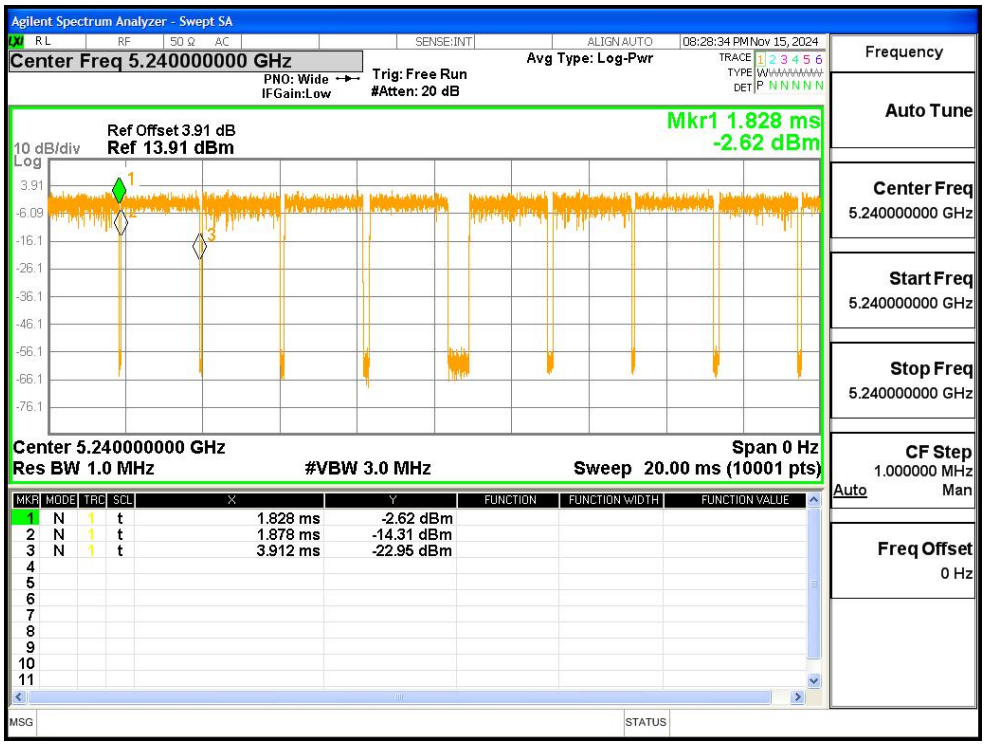
Duty Cycle NVNT a 5180MHz Ant1



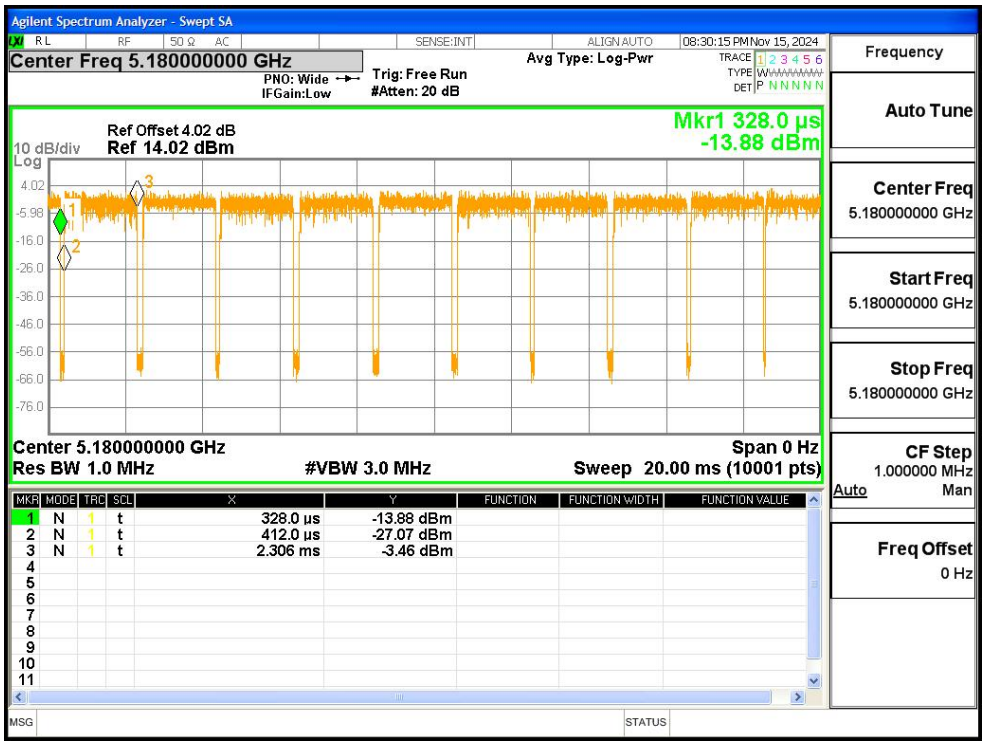
Duty Cycle NVNT a 5200MHz Ant1



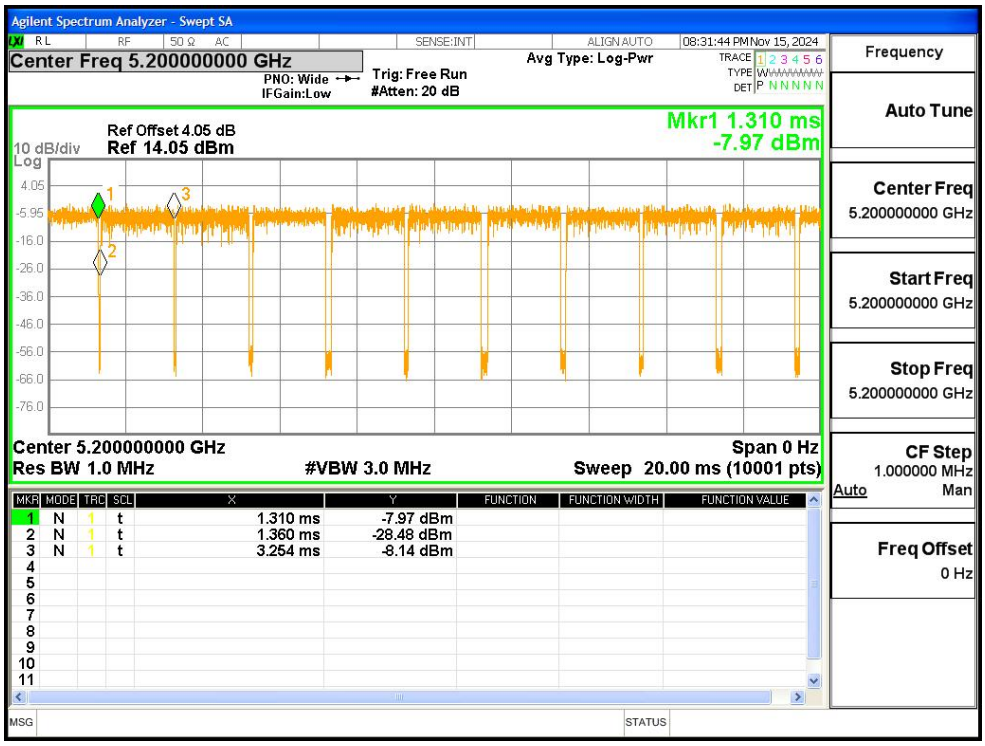
Duty Cycle NVNT a 5240MHz Ant1



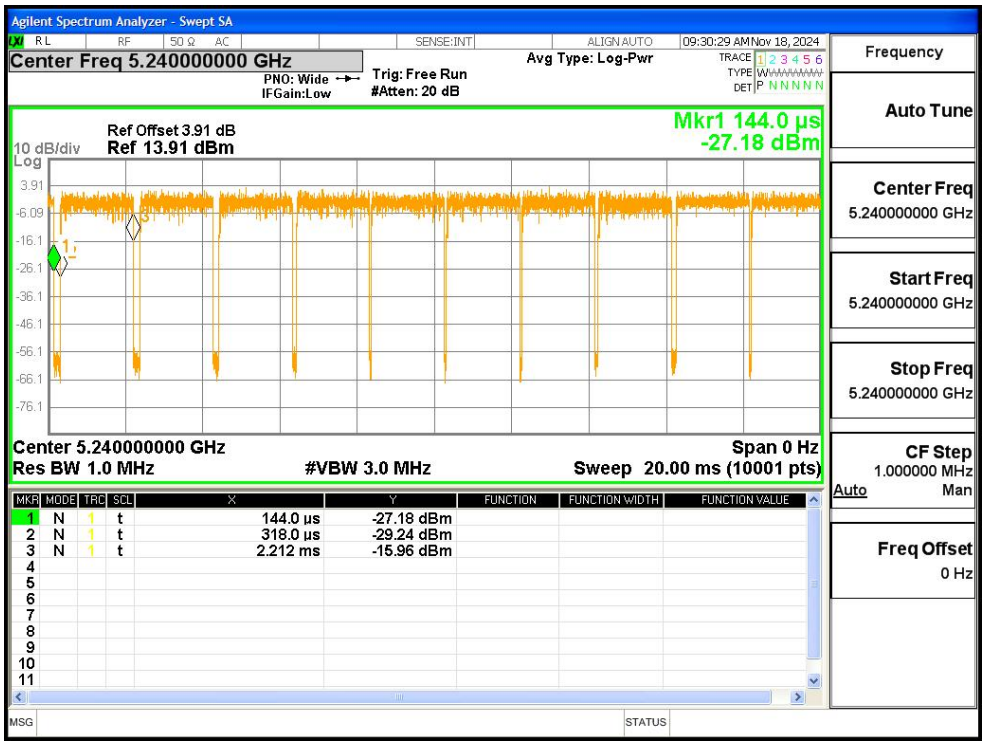
Duty Cycle NVNT n20 5180MHz Ant1



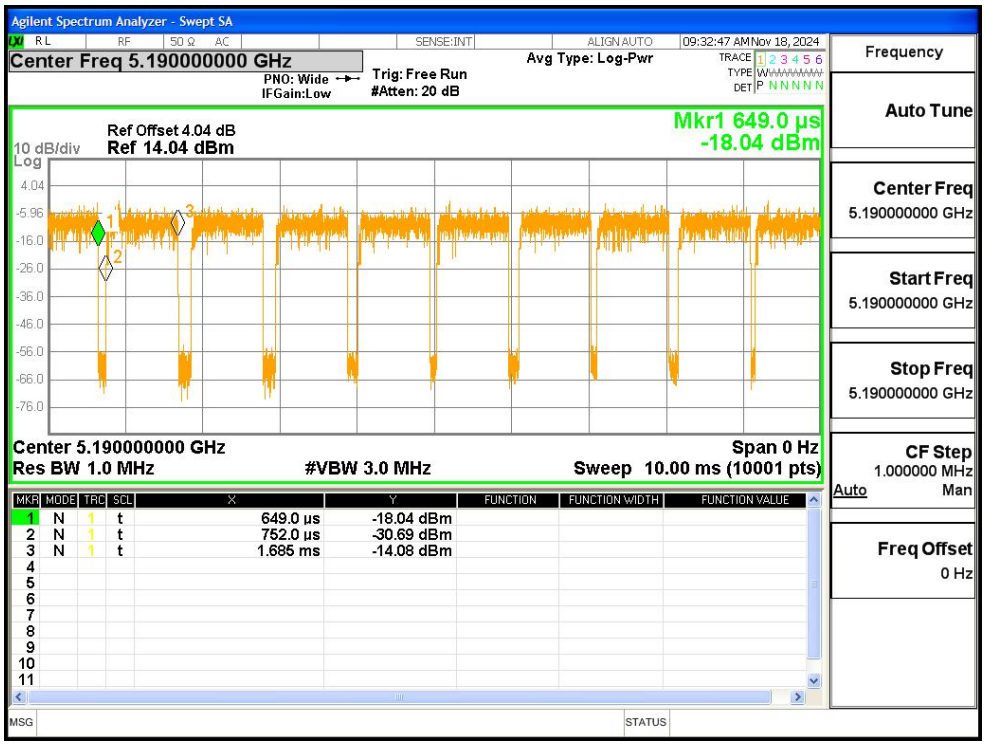
Duty Cycle NVNT n20 5200MHz Ant1



Duty Cycle NVNT n20 5240MHz Ant1

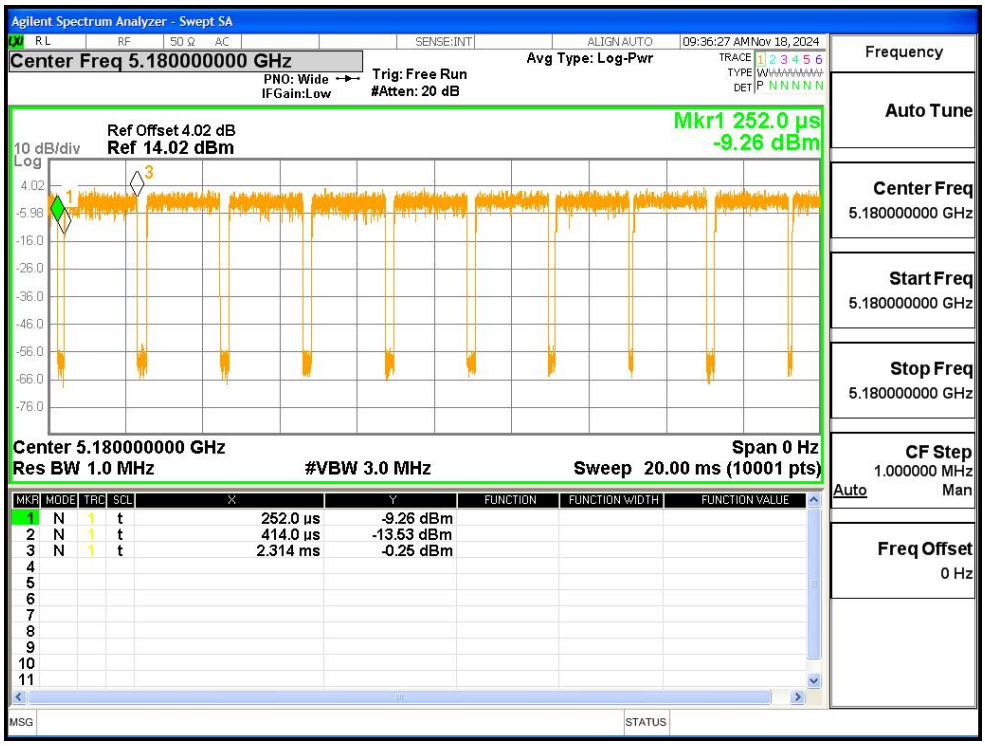


Duty Cycle NVNT n40 5190MHz Ant1

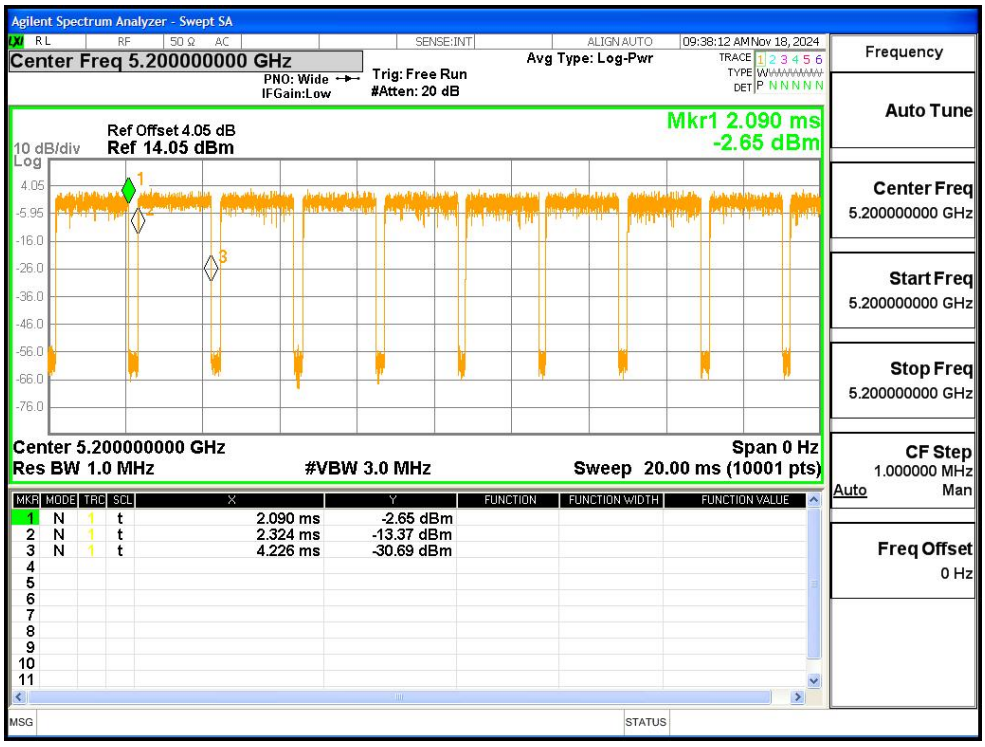


Duty Cycle NVNT n40 5230MHz Ant1

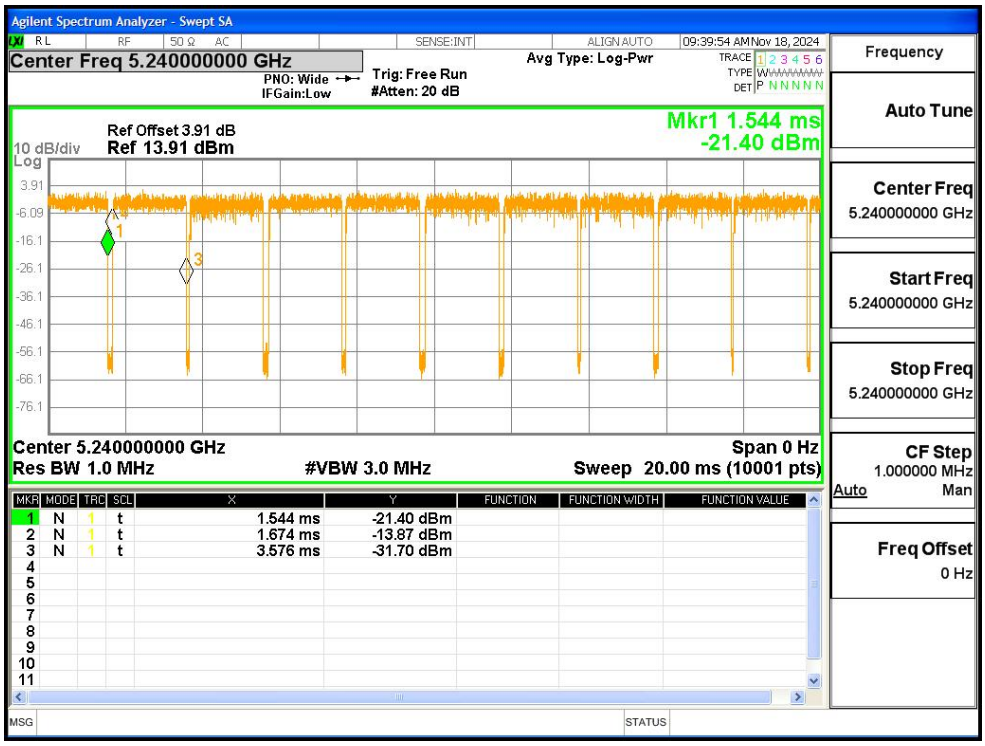
Duty Cycle NVNT ac20 5180MHz Ant1



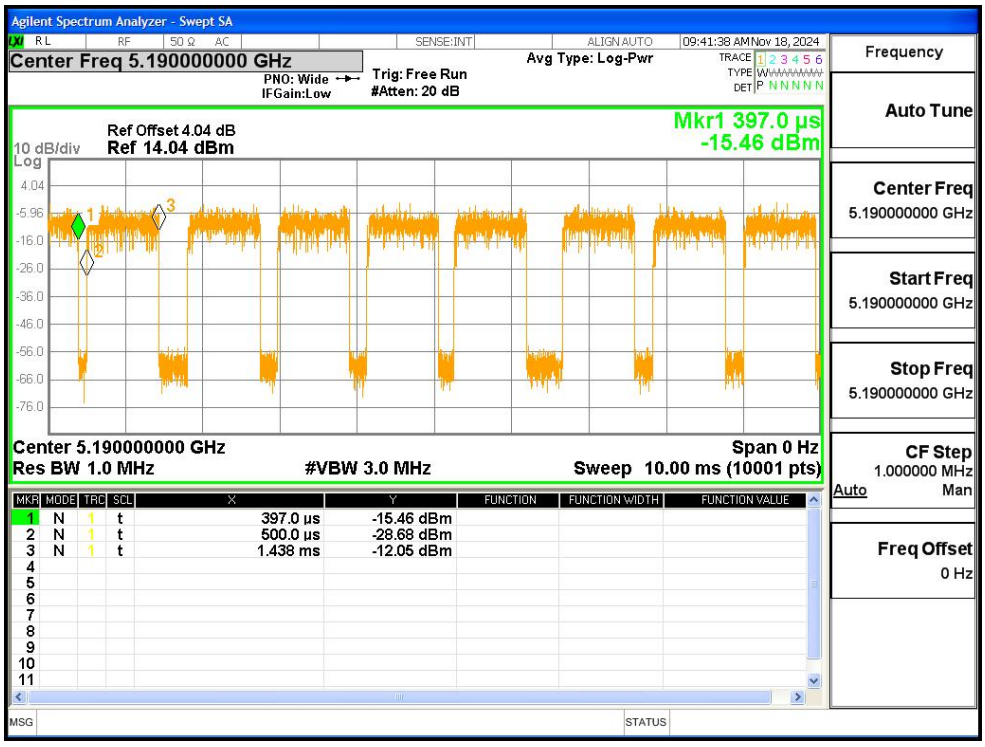
Duty Cycle NVNT ac20 5200MHz Ant1



Duty Cycle NVNT ac20 5240MHz Ant1

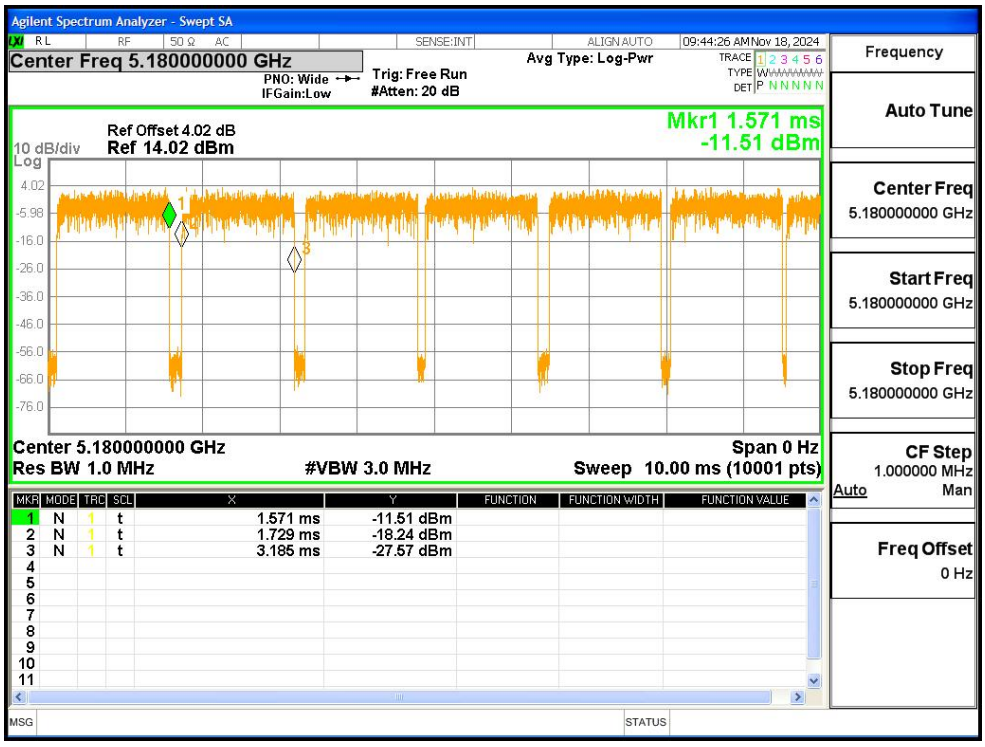


Duty Cycle NVNT ac40 5190MHz Ant1

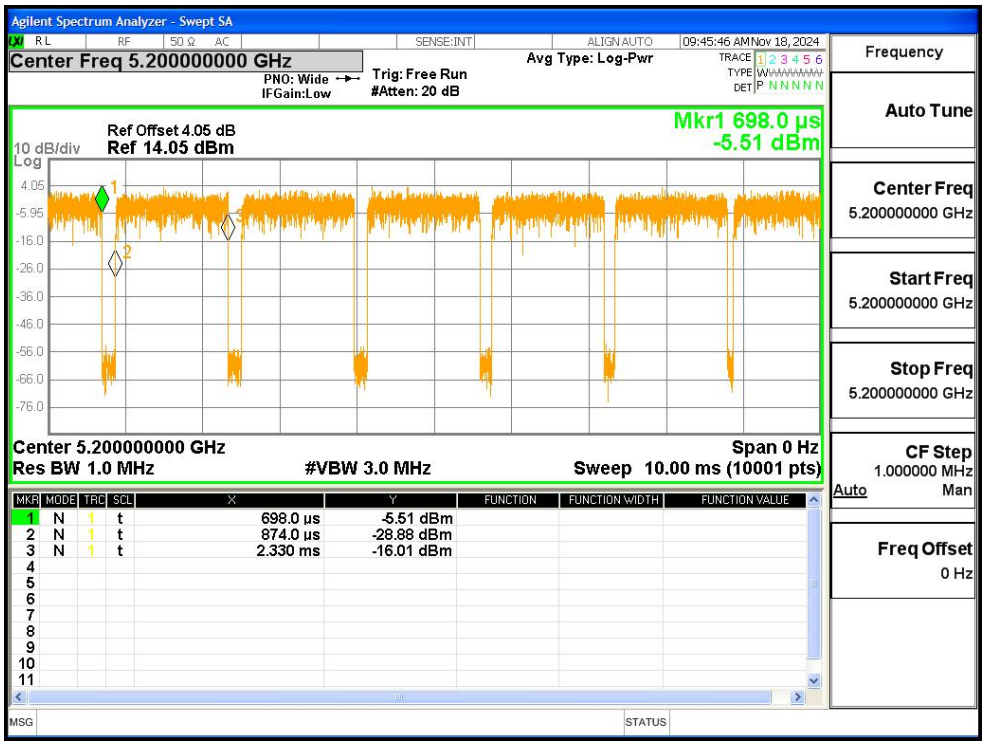


Duty Cycle NVNT ac40 5230MHz Ant1

Duty Cycle NVNT ax20 5180MHz Ant1

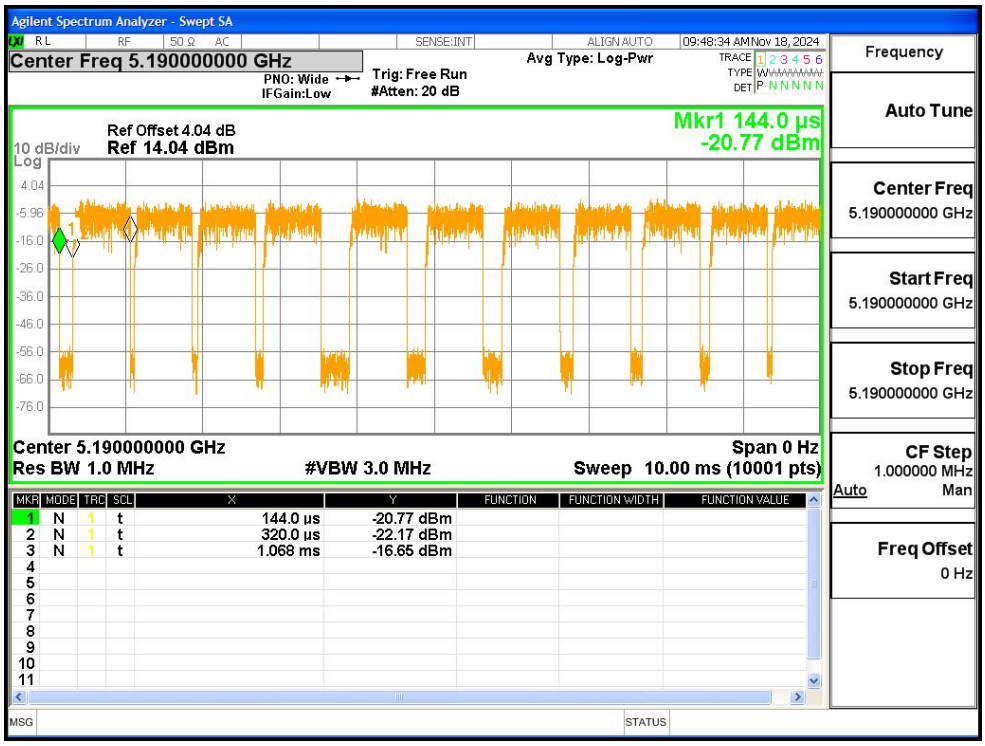


Duty Cycle NVNT ax20 5200MHz Ant1

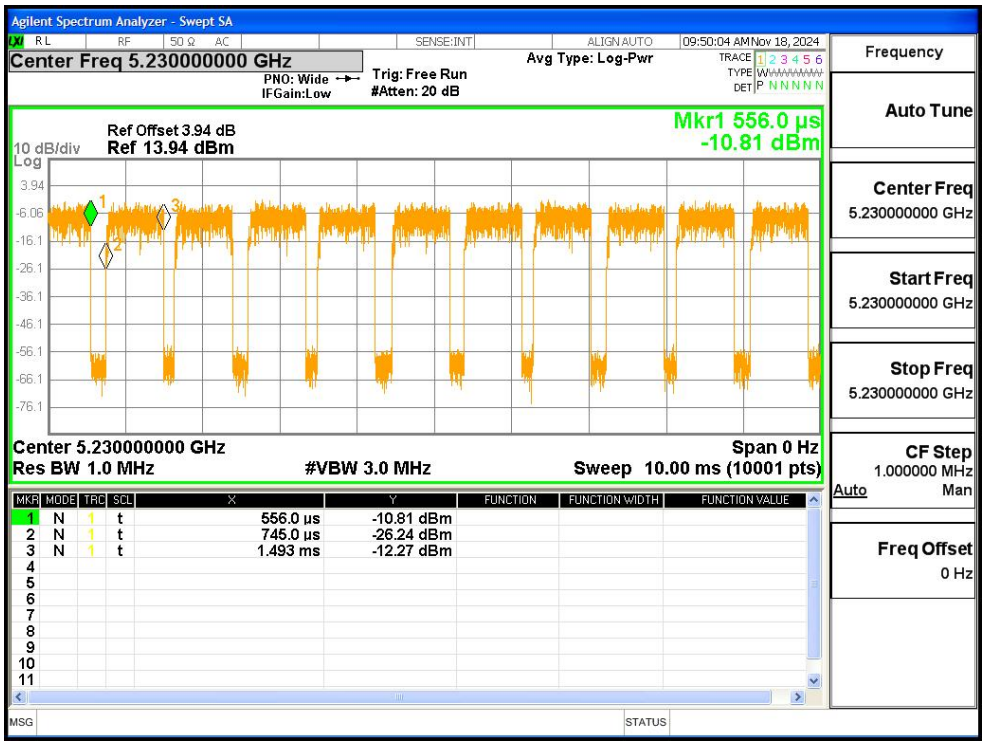


Duty Cycle NVNT ax20 5240MHz Ant1

Duty Cycle NVNT ax40 5190MHz Ant1



Duty Cycle NVNT ax40 5230MHz Ant1



Maximum Conducted Output Power

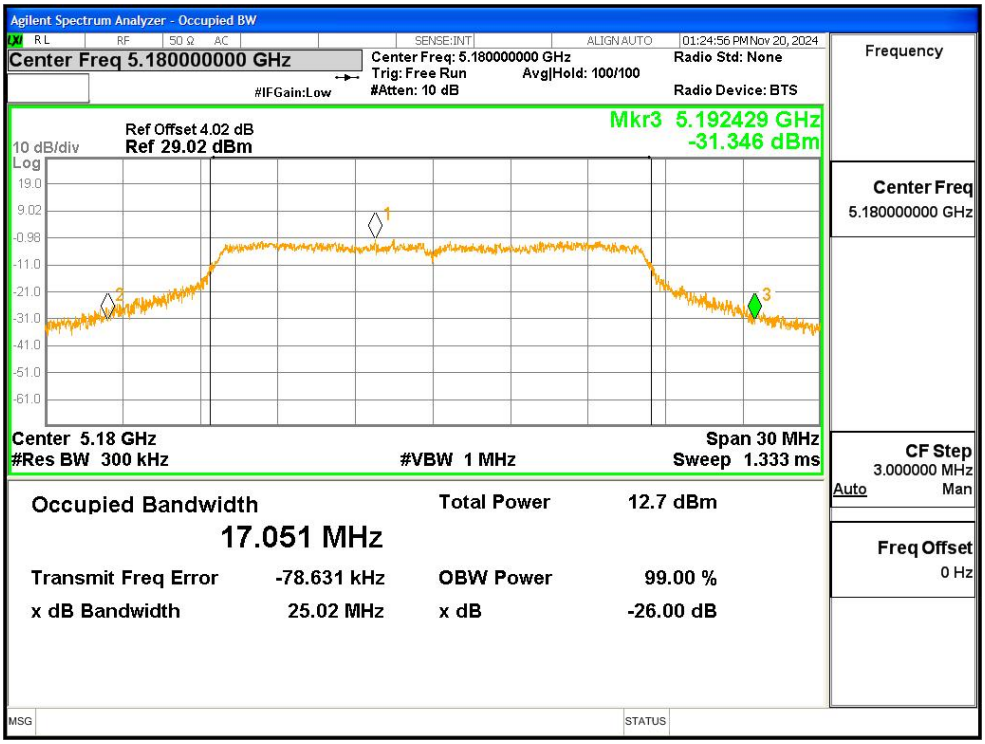
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	7.67	0.24	7.91	24	Pass
		5200		6.94	0.29	7.23	24	Pass
		5240		7.14	0.11	7.25	24	Pass
	n20	5180		7.43	0.19	7.62	24	Pass
		5200		2.26	0.11	2.37	24	Pass
		5240		7.57	0.38	7.95	24	Pass
	n40	5190		7.16	0.45	7.61	24	Pass
		5230		7.12	0.49	7.61	24	Pass
	ac20	5180		7.49	0.36	7.85	24	Pass
		5200		6.92	0.5	7.42	24	Pass
		5240		7.06	0.29	7.35	24	Pass
	ac40	5190		6.92	0.45	7.37	24	Pass
		5230		7.02	0.3	7.32	24	Pass
	ax20	5180		7.41	0.45	7.86	24	Pass
		5200		6.86	0.5	7.36	24	Pass
		5240		7	0.49	7.49	24	Pass
	ax40	5190		6.9	0.92	7.82	24	Pass
		5230		6.92	0.98	7.9	24	Pass

-26dB Bandwidth

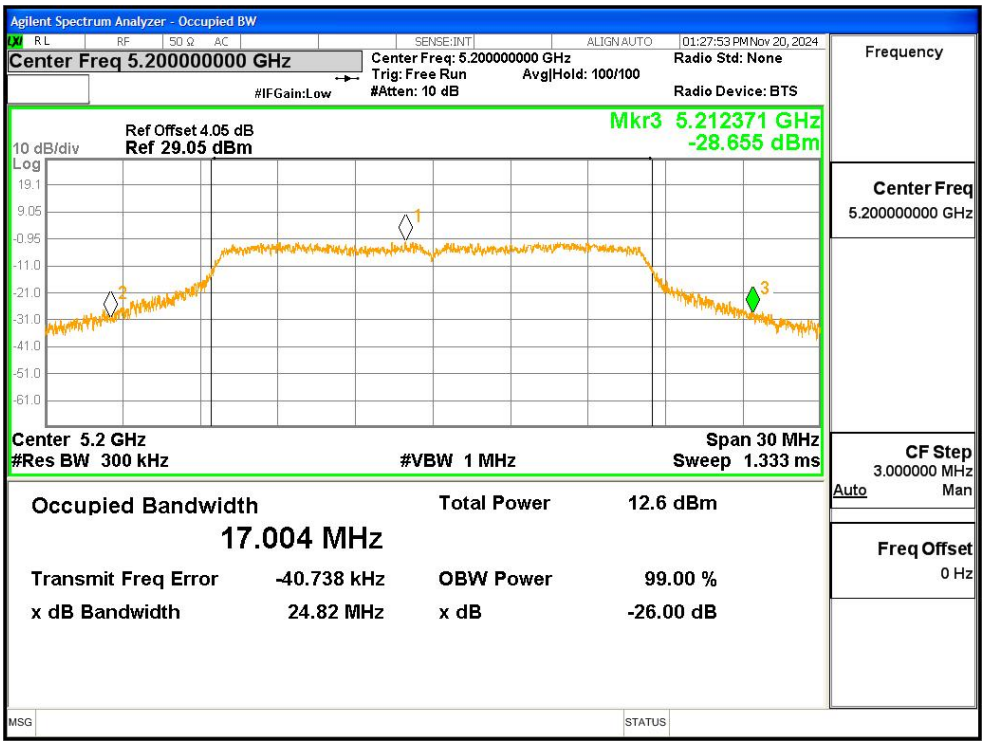
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	25.015	/	Pass
		5200		24.824	/	Pass
		5240		24.65	/	Pass
	n20	5180		26.405	/	Pass
		5200		25.578	/	Pass
		5240		26.17	/	Pass
	n40	5190		51.496	/	Pass
		5230		50.71	/	Pass
	ac20	5180		26.586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

Test Graphs

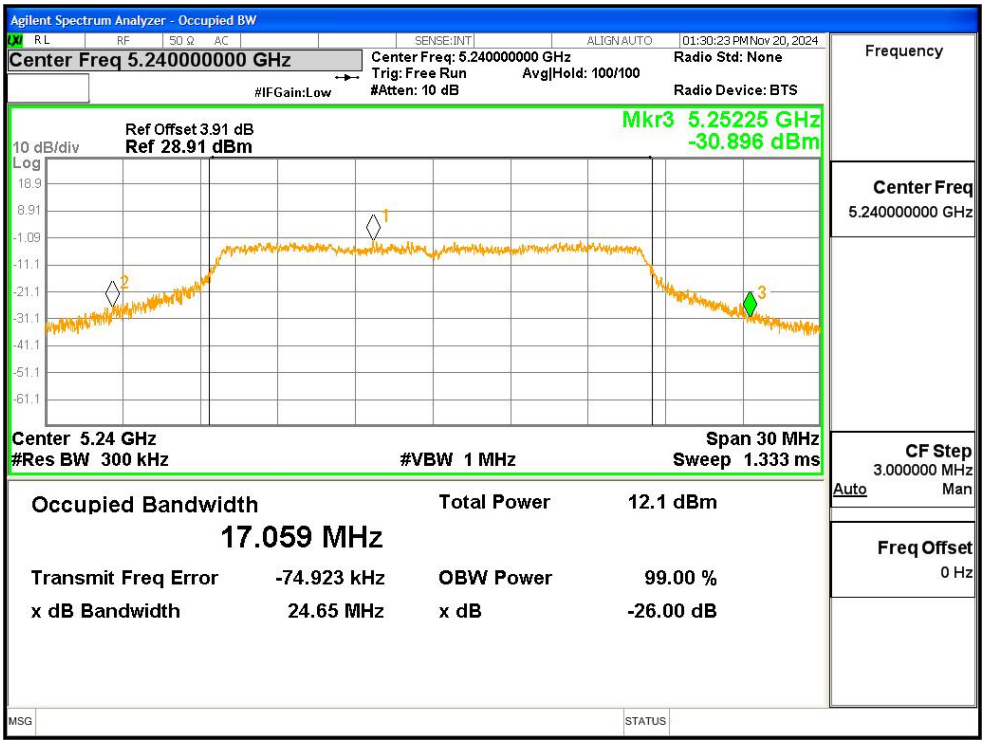
-26dB Bandwidth NVNT a 5180MHz Ant1



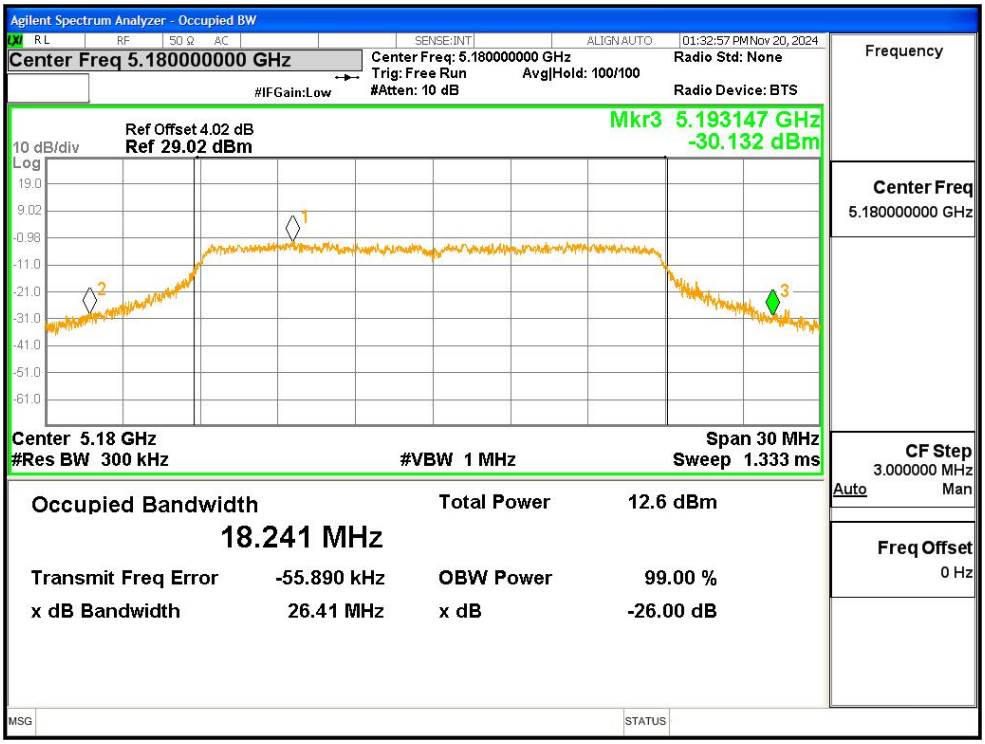
-26dB Bandwidth NVNT a 5200MHz Ant1



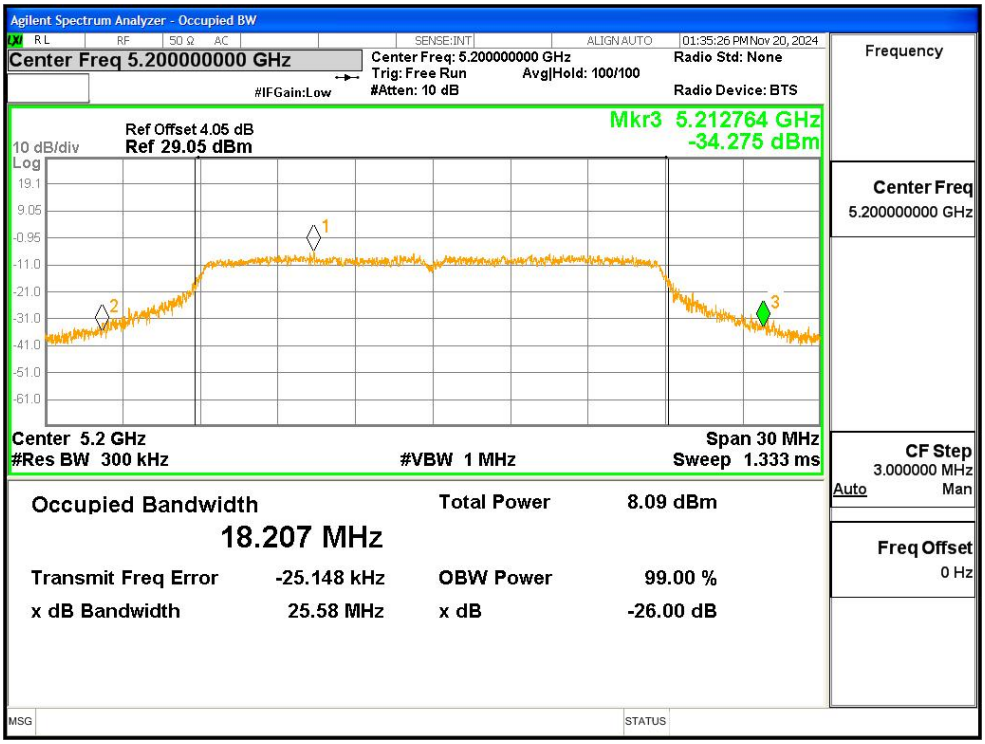
-26dB Bandwidth NVNT a 5240MHz Ant1



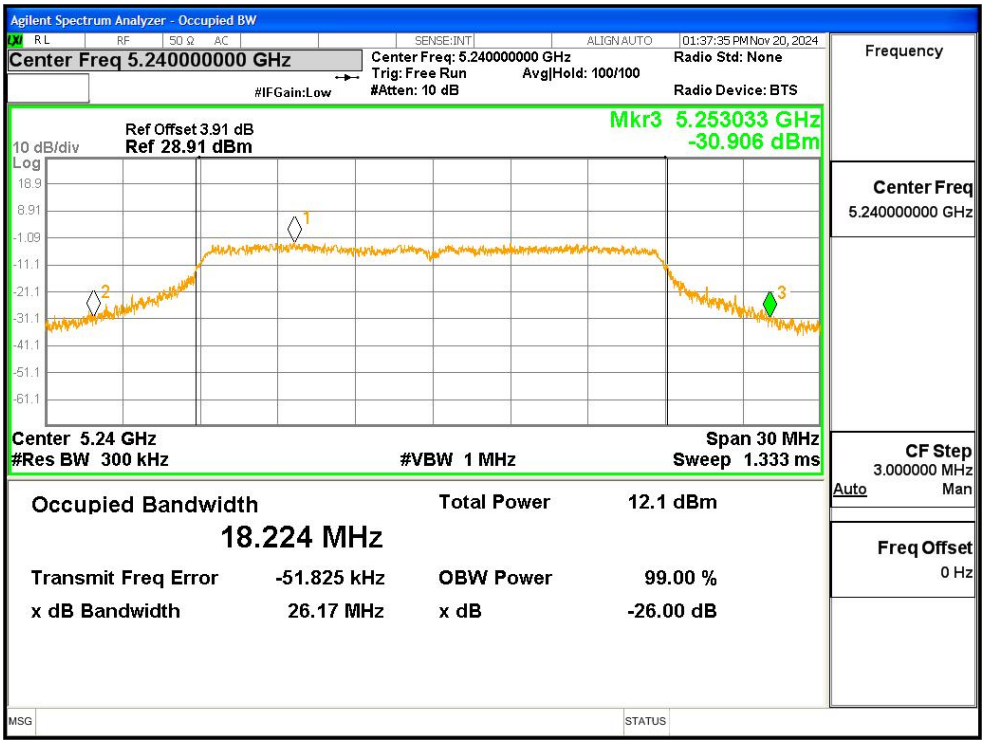
-26dB Bandwidth NVNT n20 5180MHz Ant1



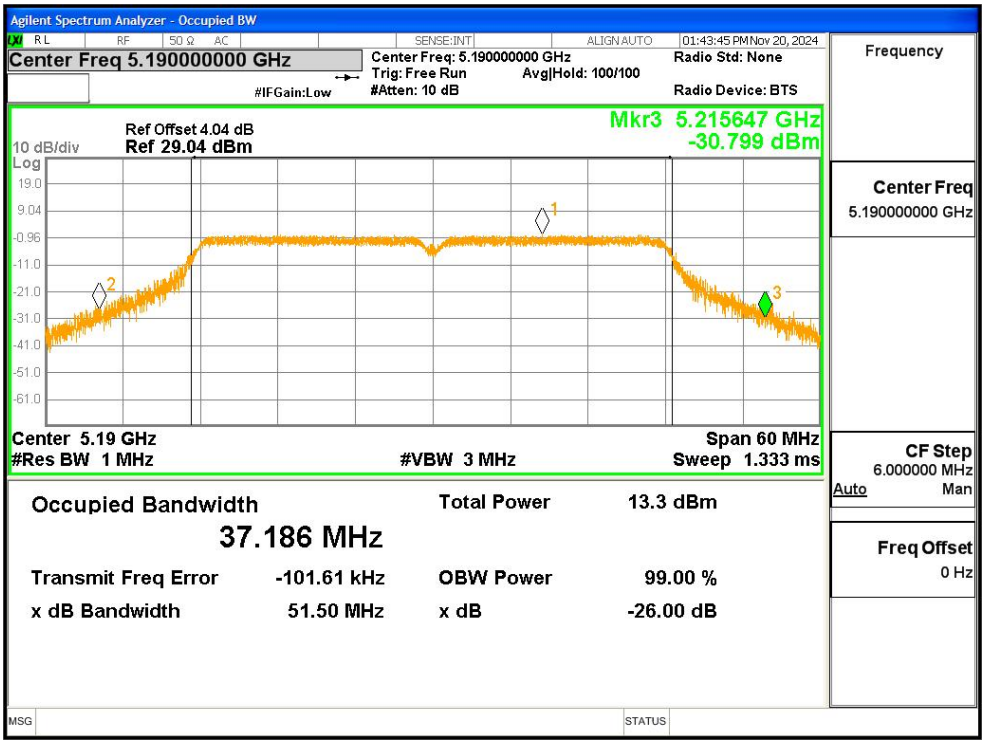
-26dB Bandwidth NVNT n20 5200MHz Ant1



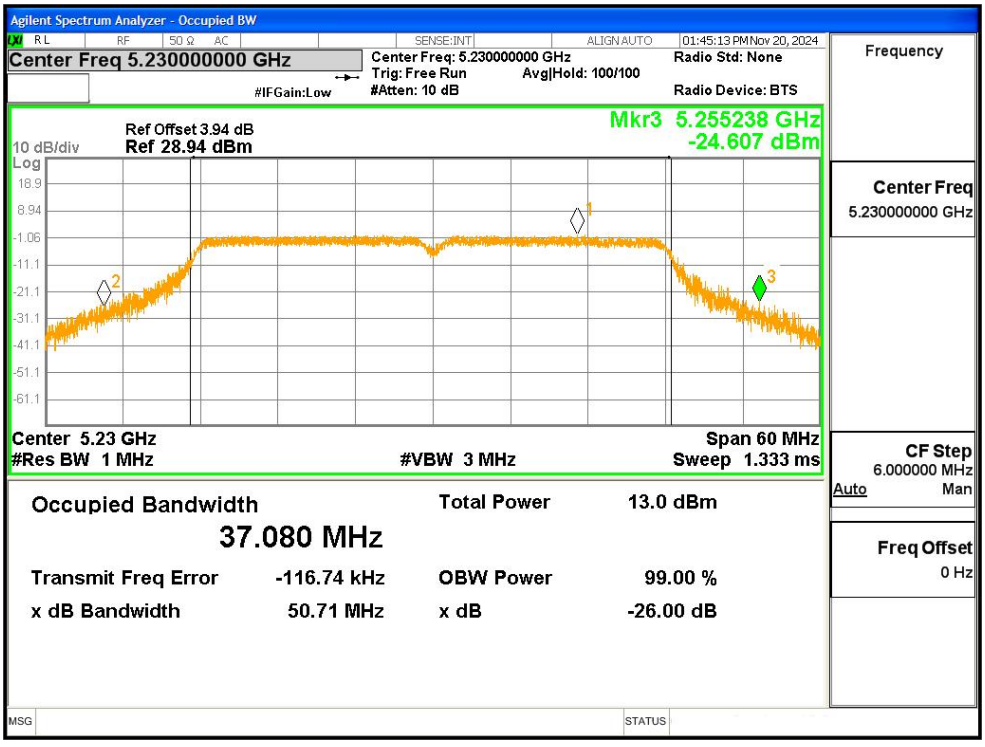
-26dB Bandwidth NVNT n20 5240MHz Ant1



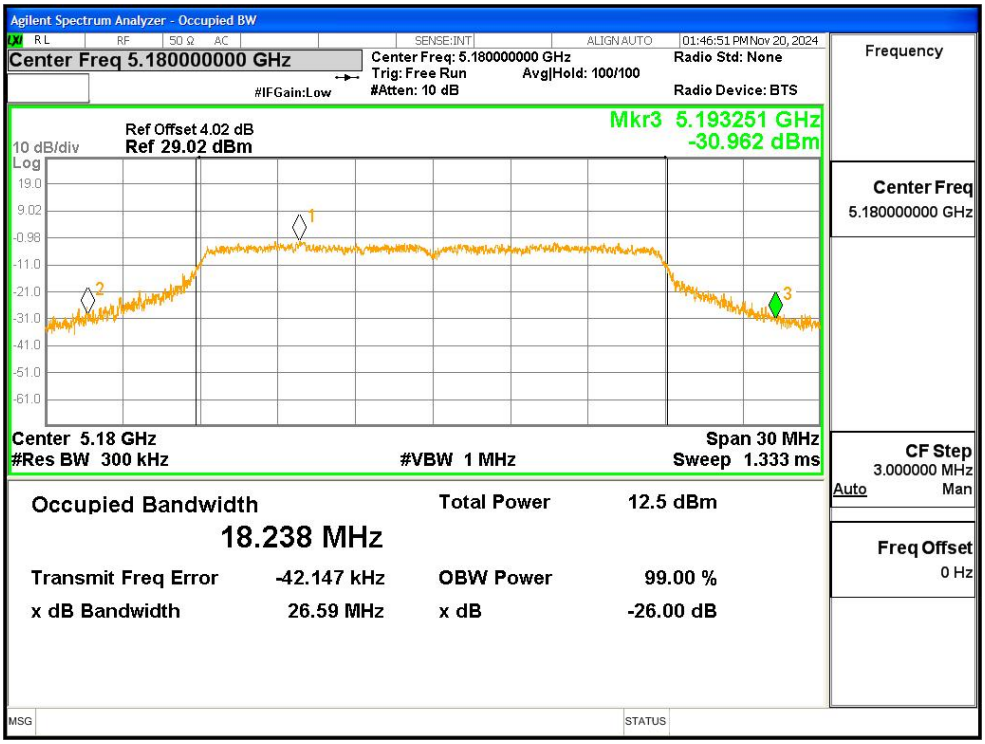
-26dB Bandwidth NVNT n40 5190MHz Ant1



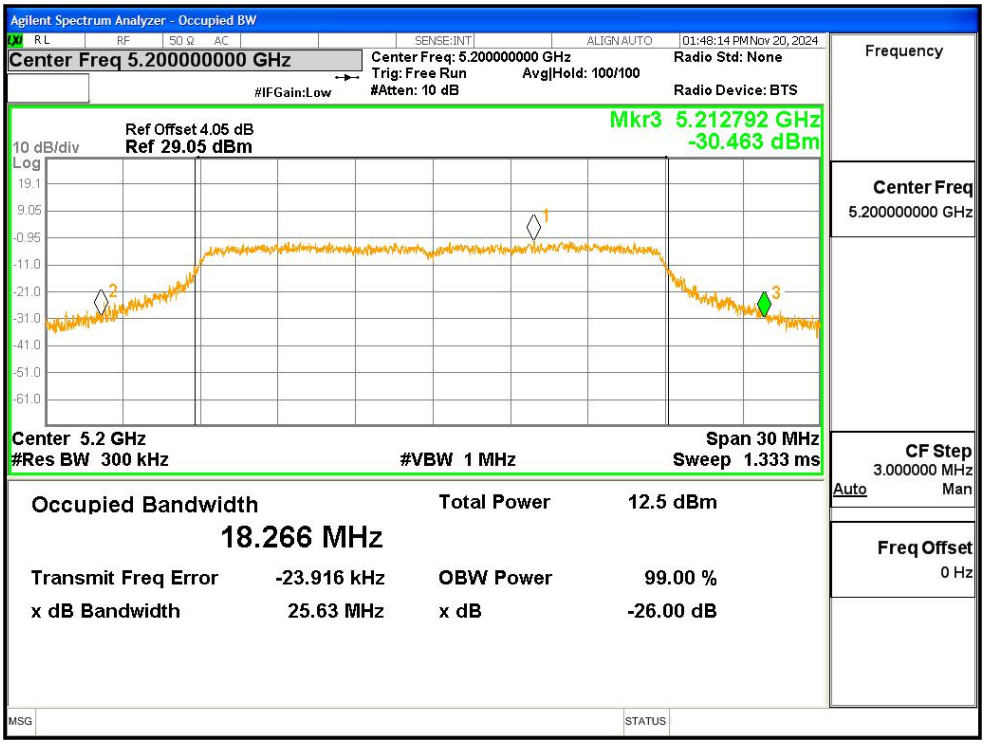
-26dB Bandwidth NVNT n40 5230MHz Ant1



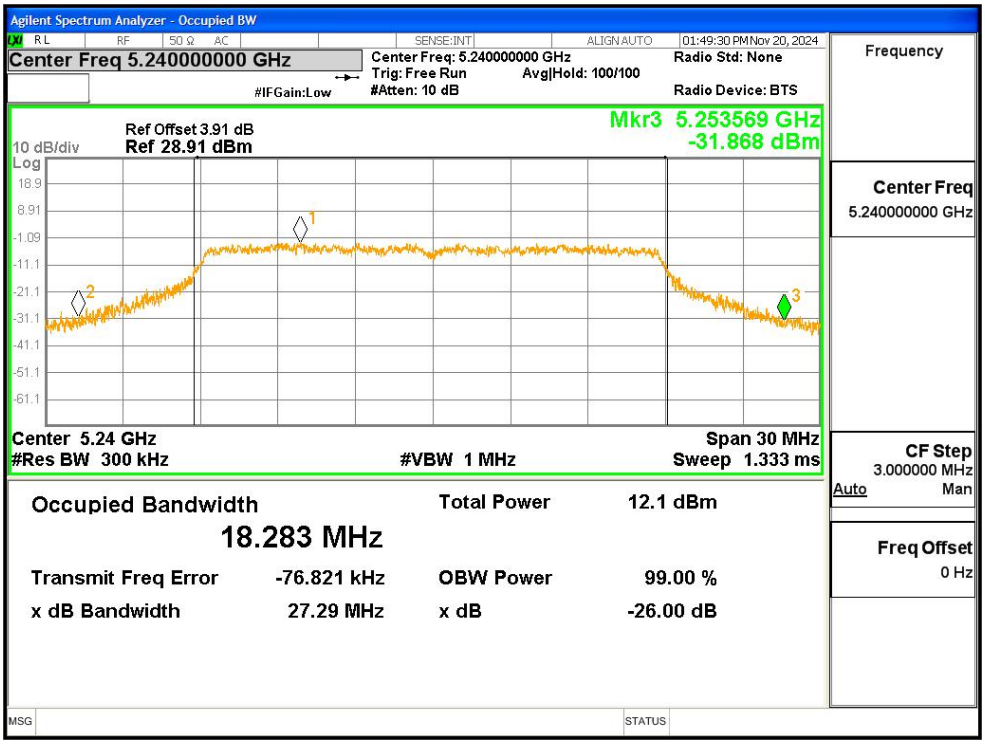
-26dB Bandwidth NVNT ac20 5180MHz Ant1



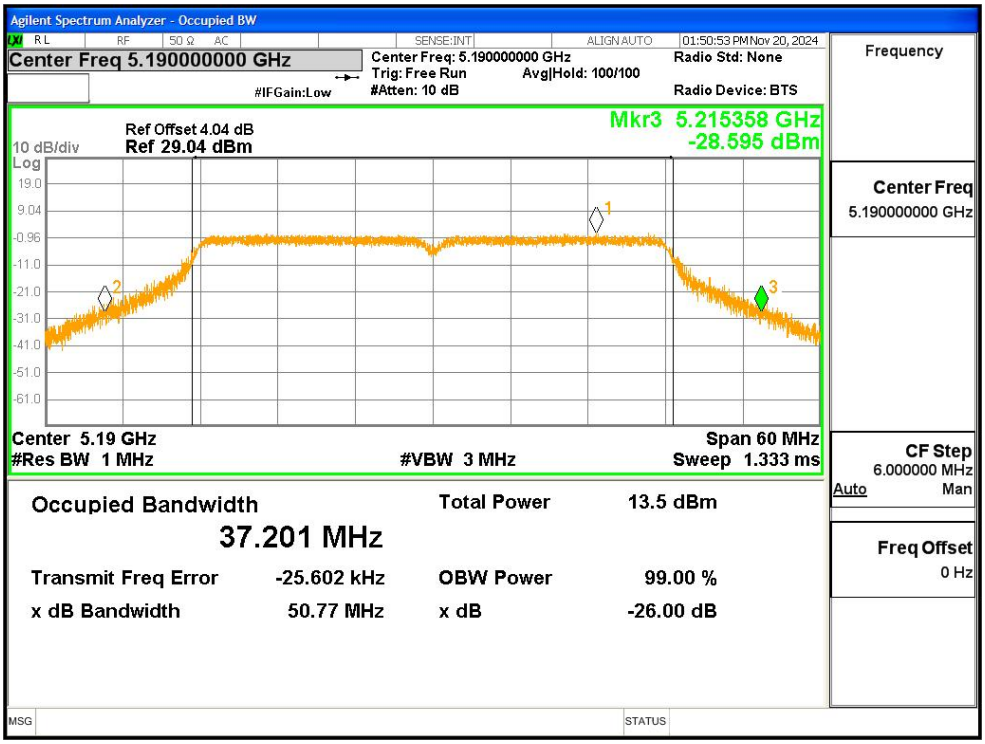
-26dB Bandwidth NVNT ac20 5200MHz Ant1



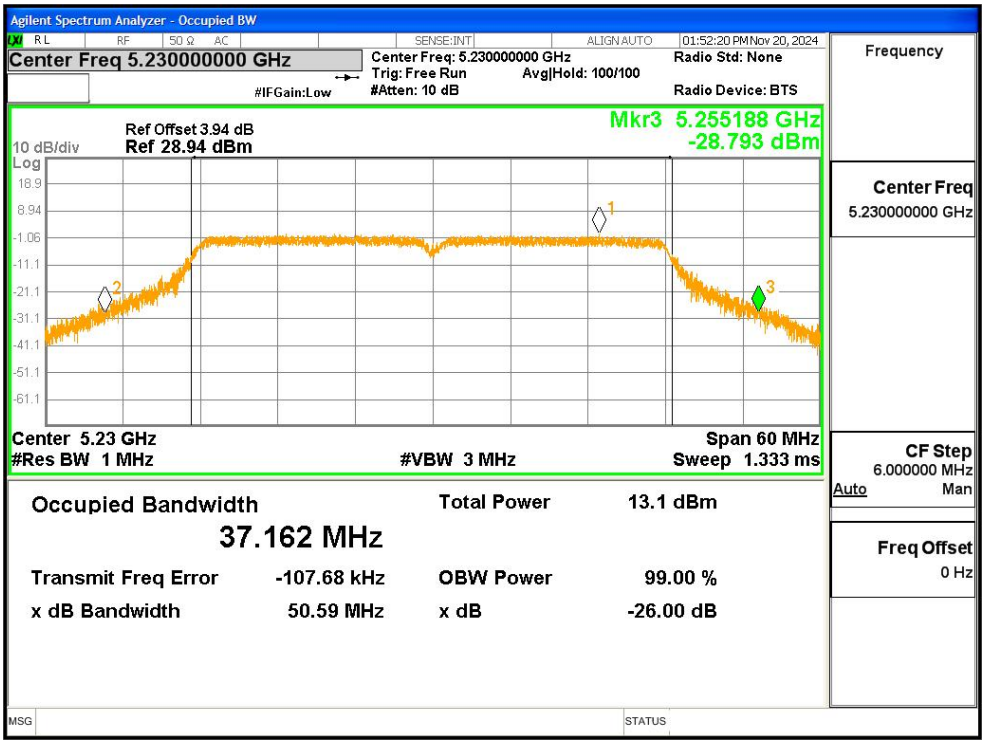
-26dB Bandwidth NVNT ac20 5240MHz Ant1



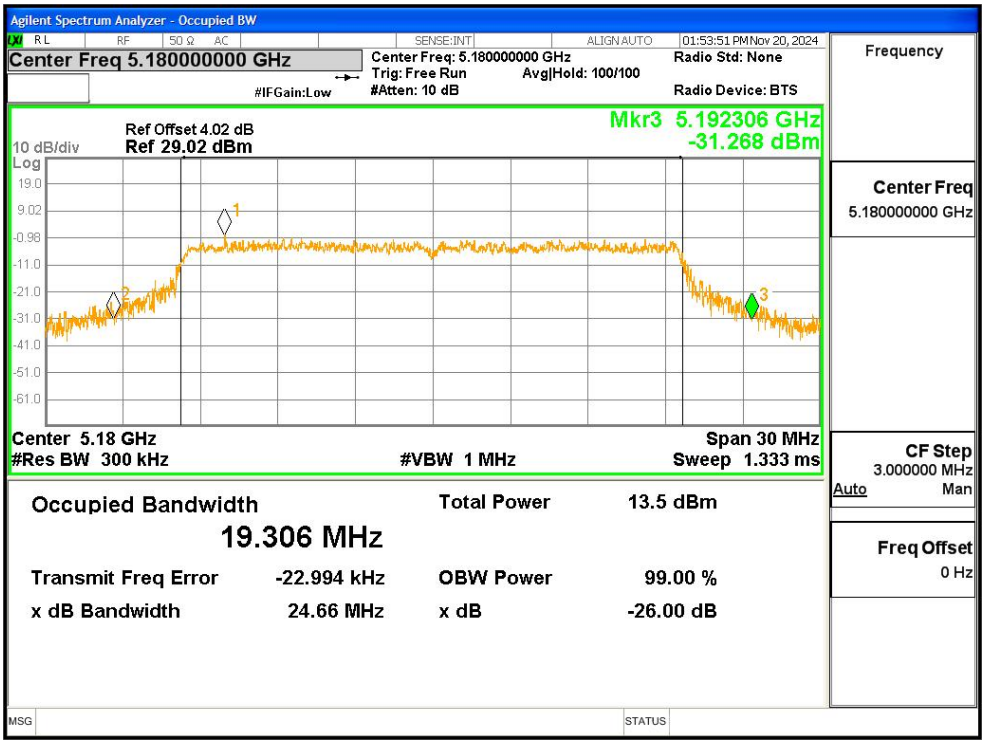
-26dB Bandwidth NVNT ac40 5190MHz Ant1



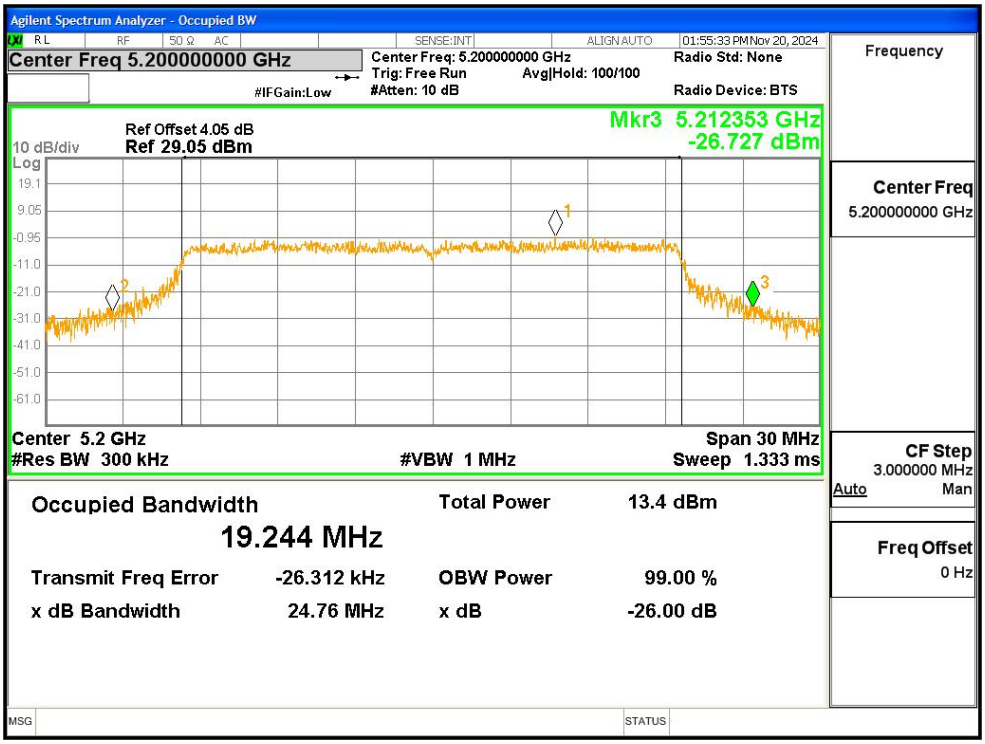
-26dB Bandwidth NVNT ac40 5230MHz Ant1



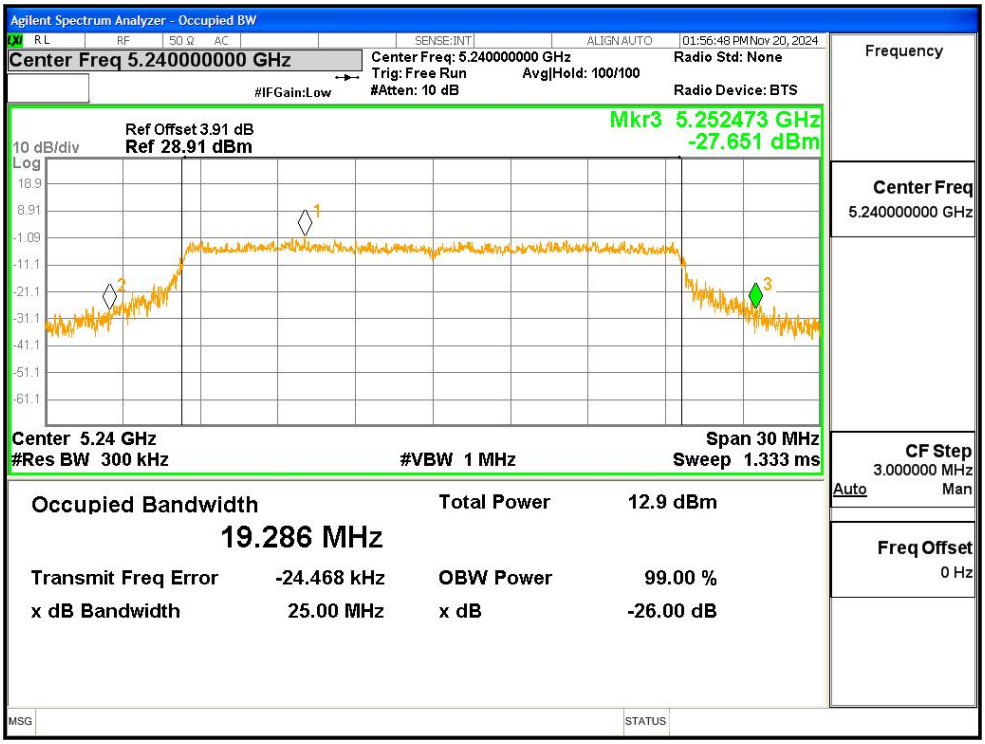
-26dB Bandwidth NVNT ax20 5180MHz Ant1



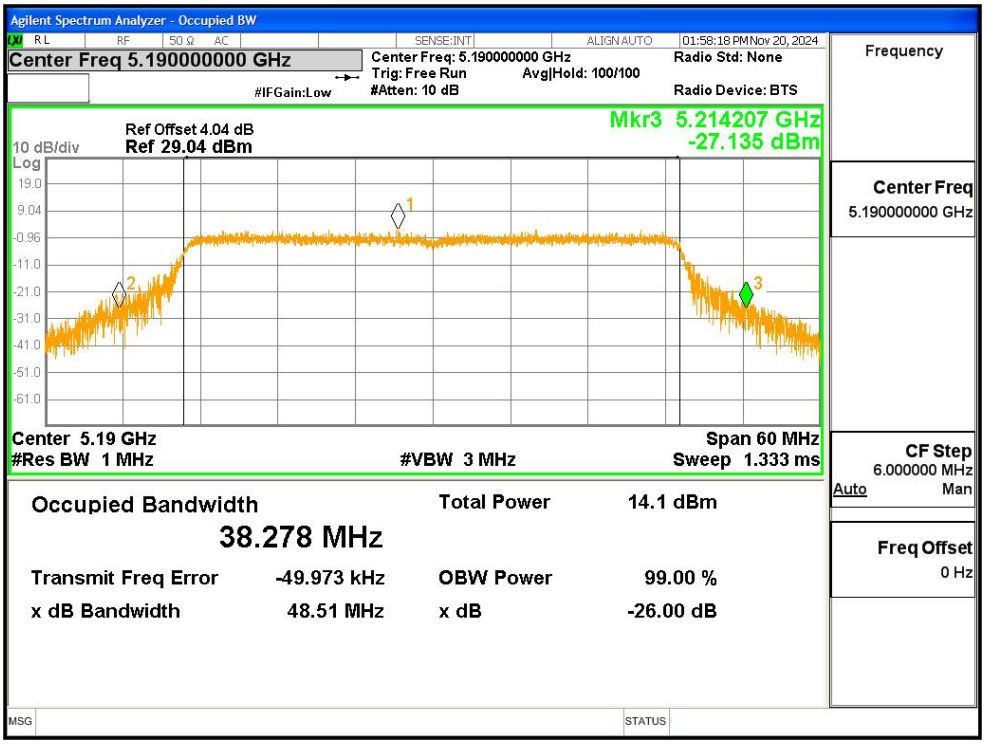
-26dB Bandwidth NVNT ax20 5200MHz Ant1



-26dB Bandwidth NVNT ax20 5240MHz Ant1



-26dB Bandwidth NVNT ax40 5190MHz Ant1



-26dB Bandwidth NVNT ax40 5230MHz Ant1