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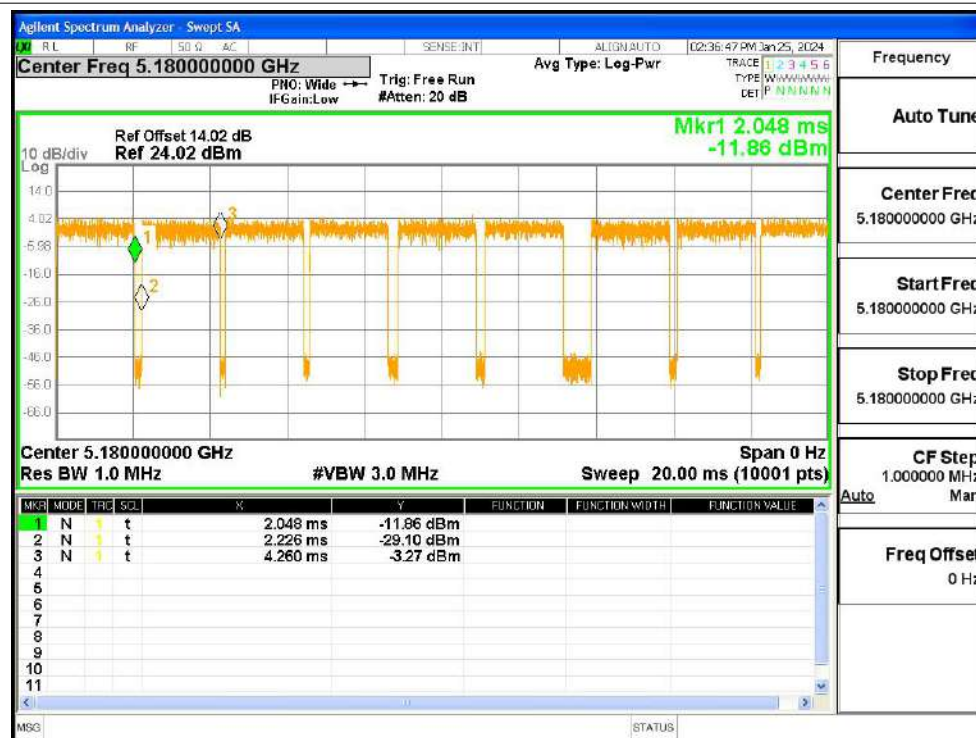
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Duty Cycle

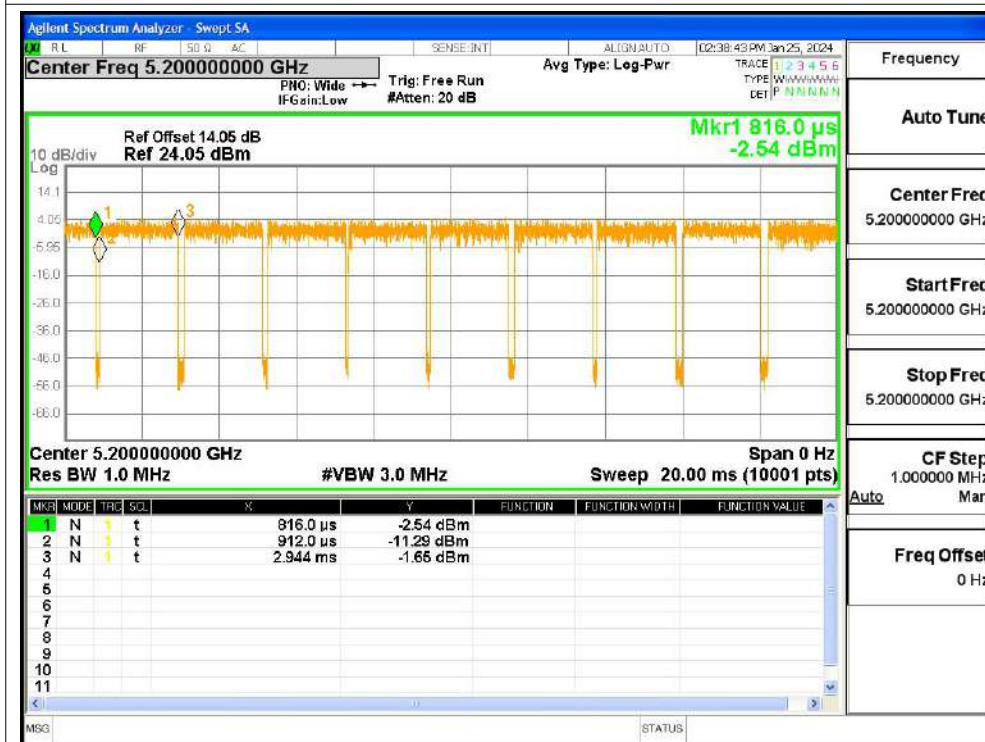
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	91.95	0.36	0.49
		5200		95.49	0.2	0.49
		5240		94.6	0.24	0.49
	n20	5180		96.04	0.18	0.53
		5200		94.79	0.23	0.53
		5240		95.75	0.19	0.53
	n40	5190		92.48	0.34	1.07
		5230		84.59	0.73	1.07
	ac20	5180		93.14	0.31	0.53
		5200		94.91	0.23	0.53
		5240		93.32	0.3	0.53
	ac40	5190		91.59	0.38	1.07
		5230		91.59	0.38	1.07
	ax20	5180		90.71	0.42	0.69
		5200		86.15	0.65	0.69
		5240		88.02	0.55	0.69
	ax40	5190		83.39	0.79	1.34
		5230		82.56	0.83	1.34

Test Graphs

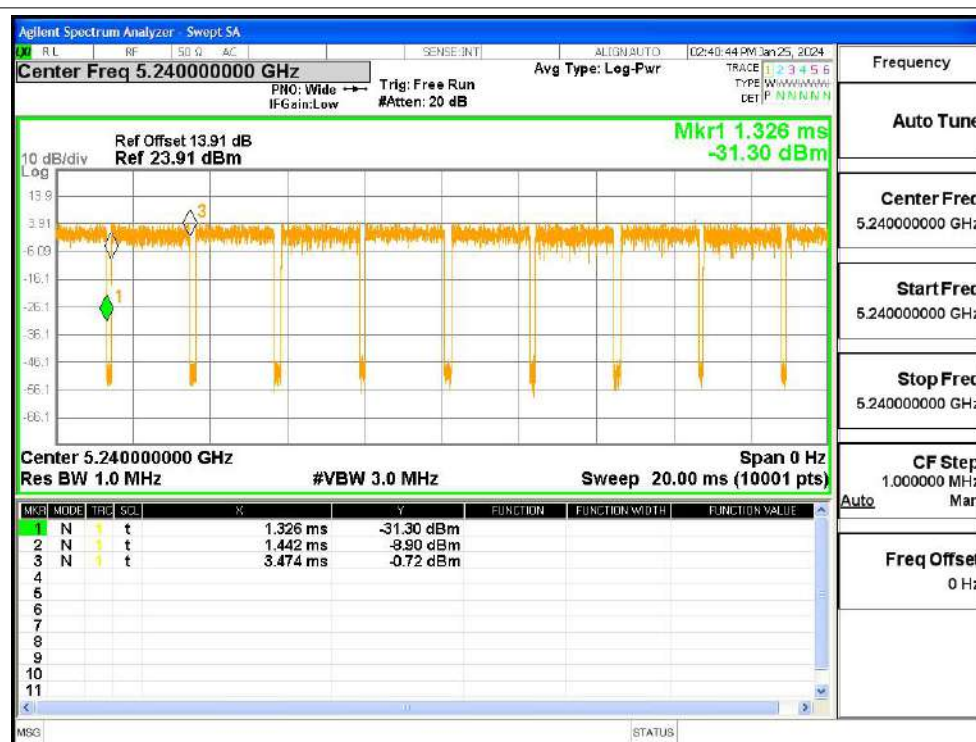
Duty Cycle NVNT a 5180MHz Ant1



Duty Cycle NVNT a 5200MHz Ant1



Duty Cycle NVNT a 5240MHz Ant1



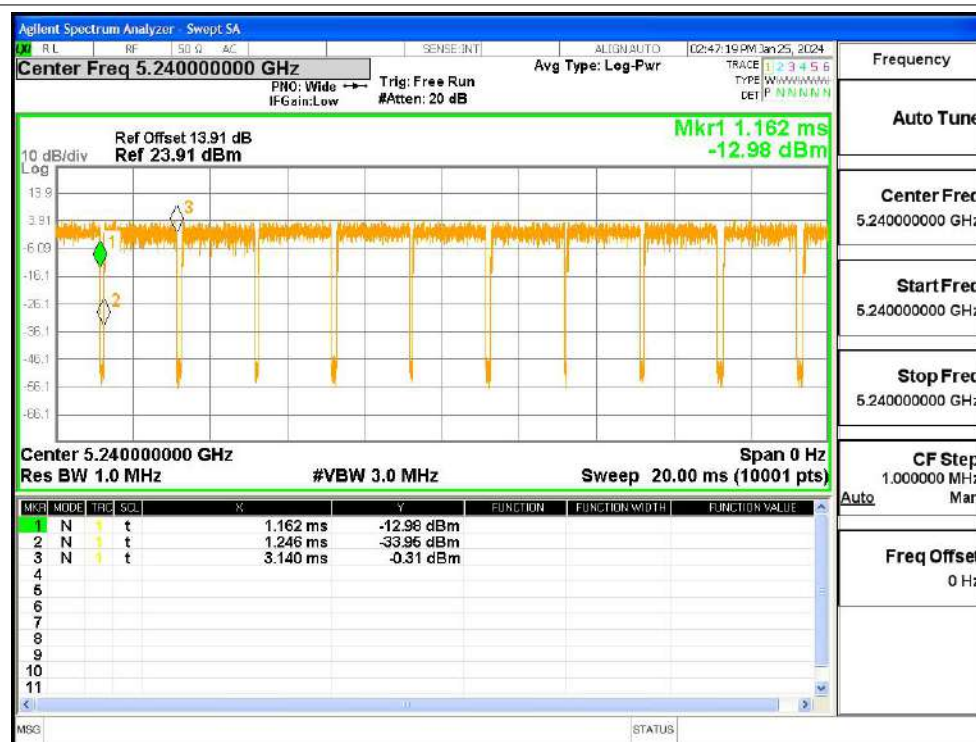
Duty Cycle NVNT n20 5180MHz Ant1



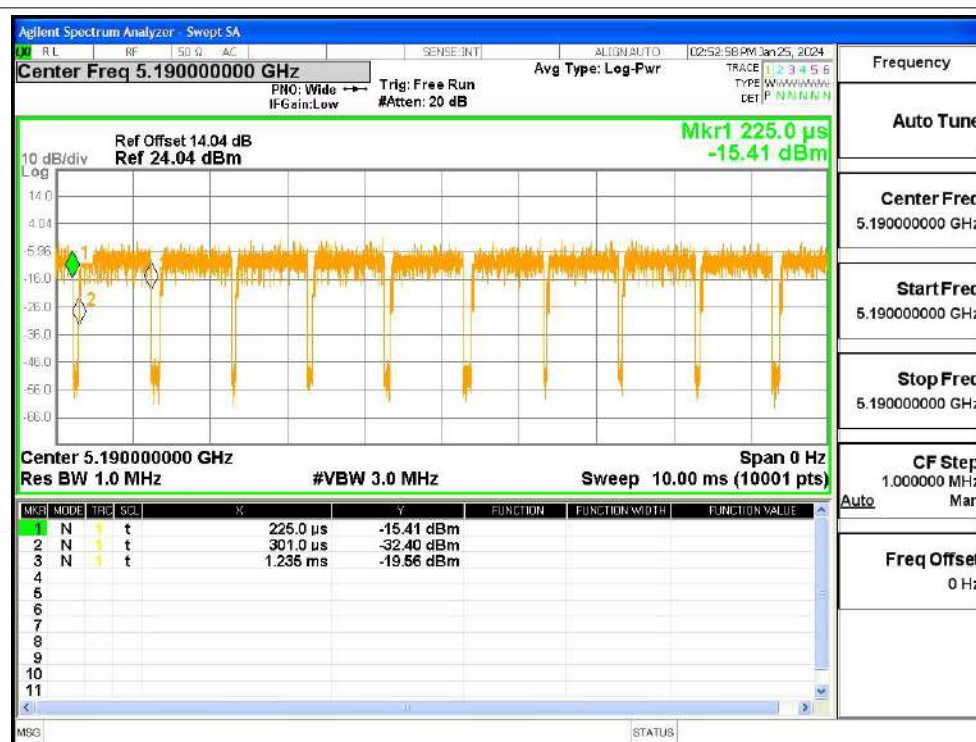
Duty Cycle NVNT n20 5200MHz Ant1



Duty Cycle NVNT n20 5240MHz Ant1



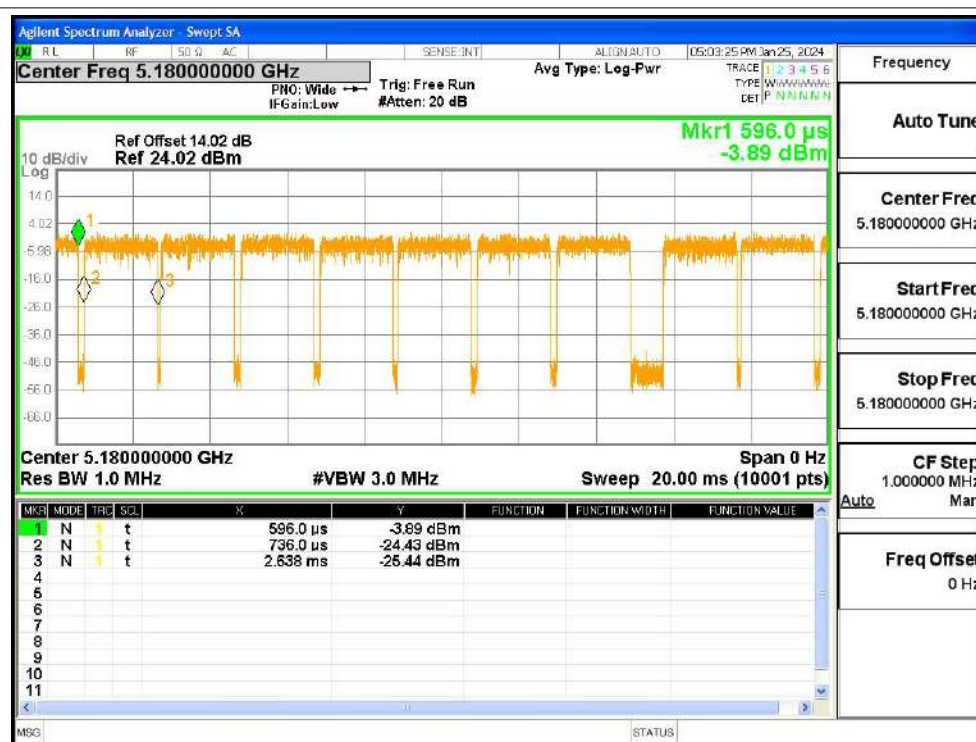
Duty Cycle NVNT n40 5190MHz Ant1



Duty Cycle NVNT n40 5230MHz Ant1



Duty Cycle NVNT ac20 5180MHz Ant1



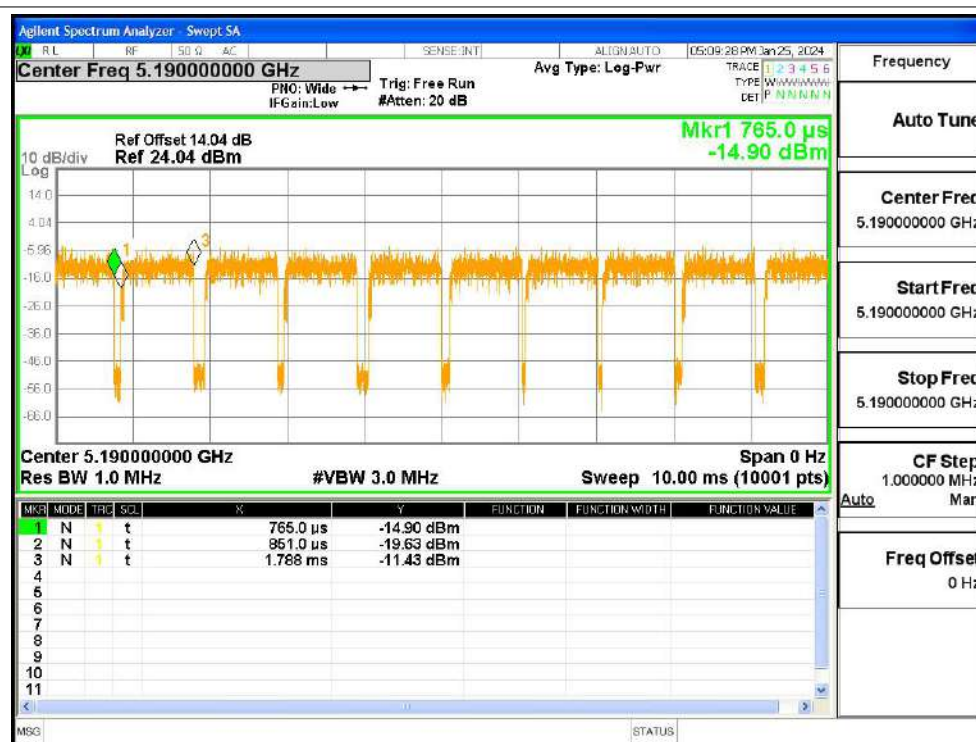
Duty Cycle NVNT ac20 5200MHz Ant1



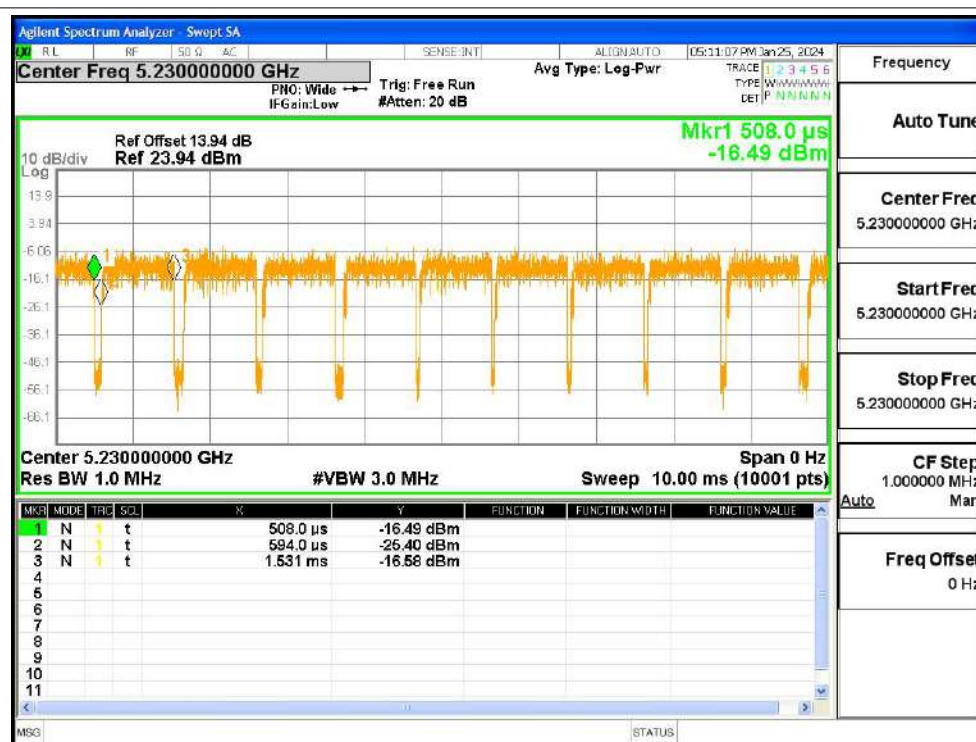
Duty Cycle NVNT ac20 5240MHz Ant1



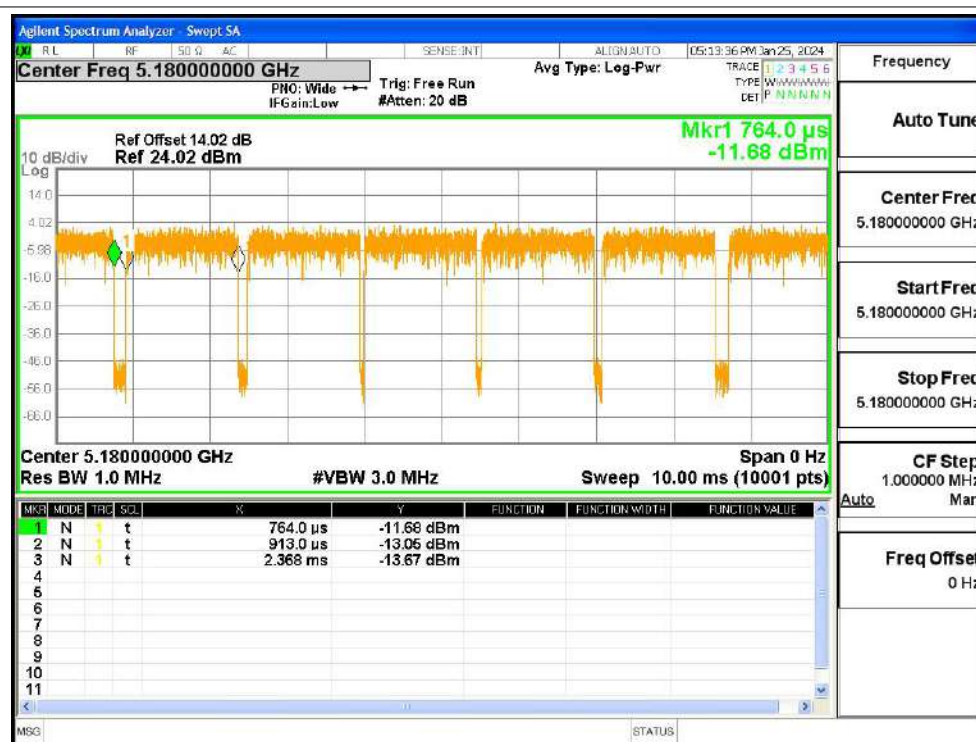
Duty Cycle NVNT ac40 5190MHz Ant1



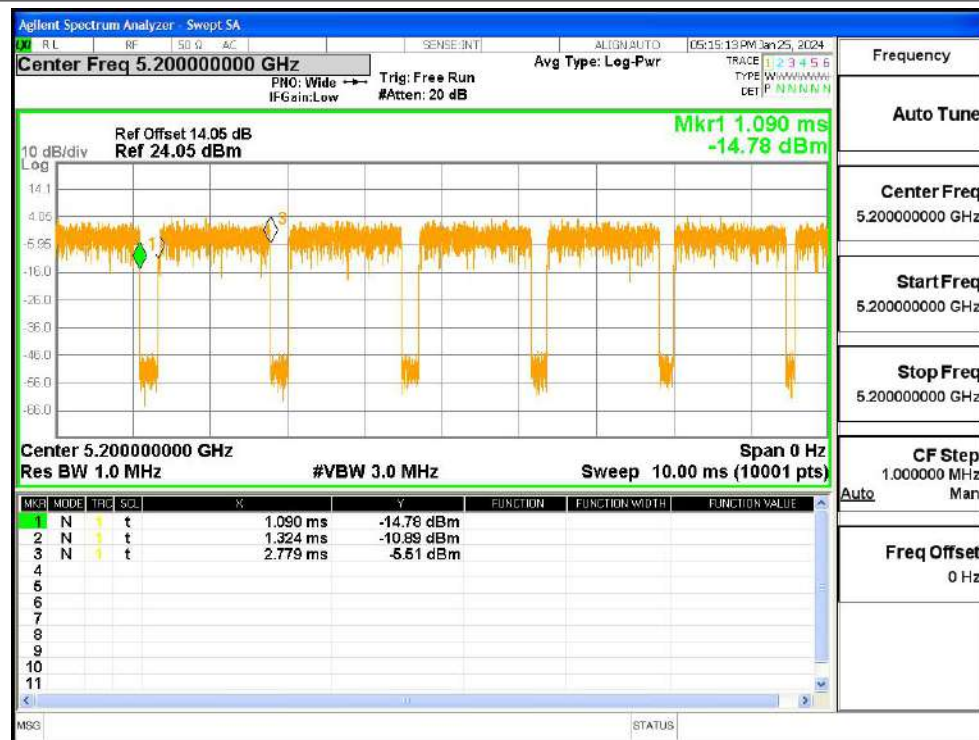
Duty Cycle NVNT ac40 5230MHz Ant1



Duty Cycle NVNT ax20 5180MHz Ant1



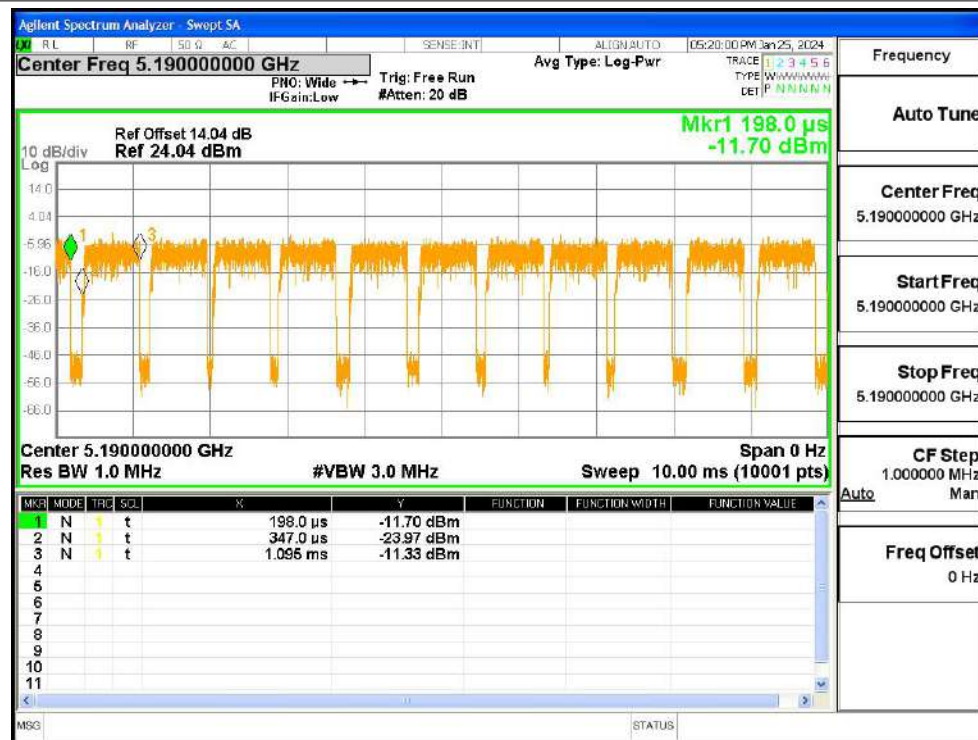
Duty Cycle NVNT ax20 5200MHz Ant1



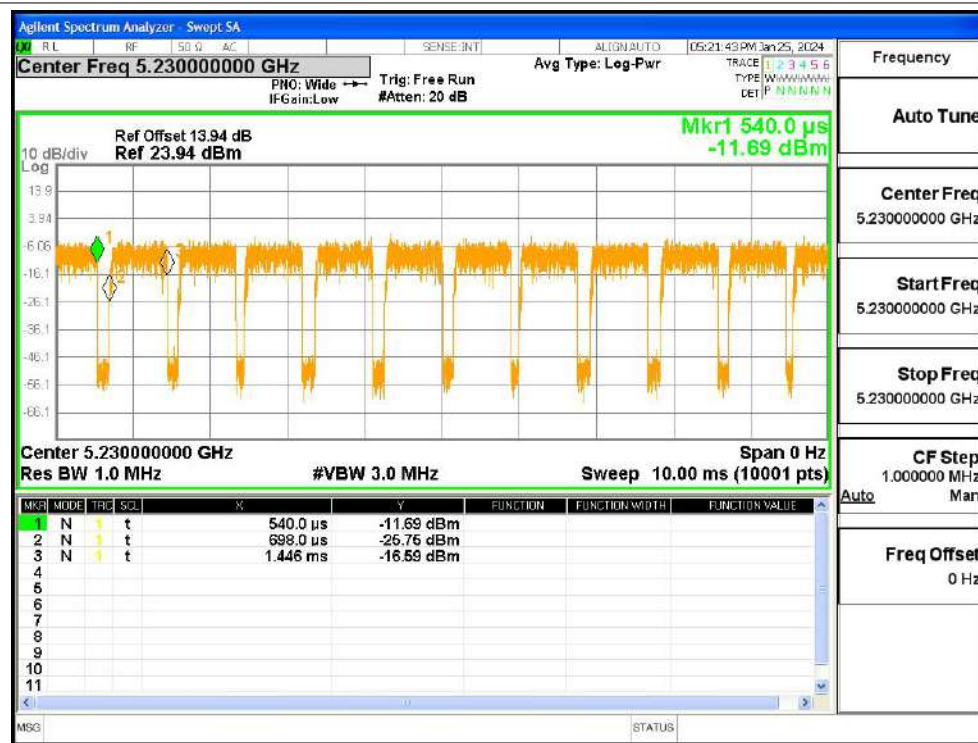
Duty Cycle NVNT ax20 5240MHz Ant1



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	9.23	0.36	9.59	24	Pass
		5200		9.35	0.2	9.55	24	Pass
		5240		9.46	0.24	9.70	24	Pass
	n20	5180		9.25	0.18	9.43	24	Pass
		5200		9.4	0.23	9.63	24	Pass
		5240		9.42	0.19	9.61	24	Pass
	n40	5190		7.76	0.34	8.10	24	Pass
		5230		7.44	0.73	8.17	24	Pass
	ac20	5180		5.79	0.31	6.1	24	Pass
		5200		5.77	0.23	6.00	24	Pass
		5240		5.62	0.3	5.92	24	Pass
	ac40	5190		5.56	0.38	5.94	24	Pass
		5230		5.43	0.38	5.81	24	Pass
	ax20	5180		7.78	0.42	8.20	24	Pass
		5200		7.74	0.65	8.39	24	Pass
		5240		7.67	0.55	8.22	24	Pass
	ax40	5190		5.59	0.79	6.38	24	Pass
		5230		5.43	0.83	6.26	24	Pass

-26dB Bandwidth

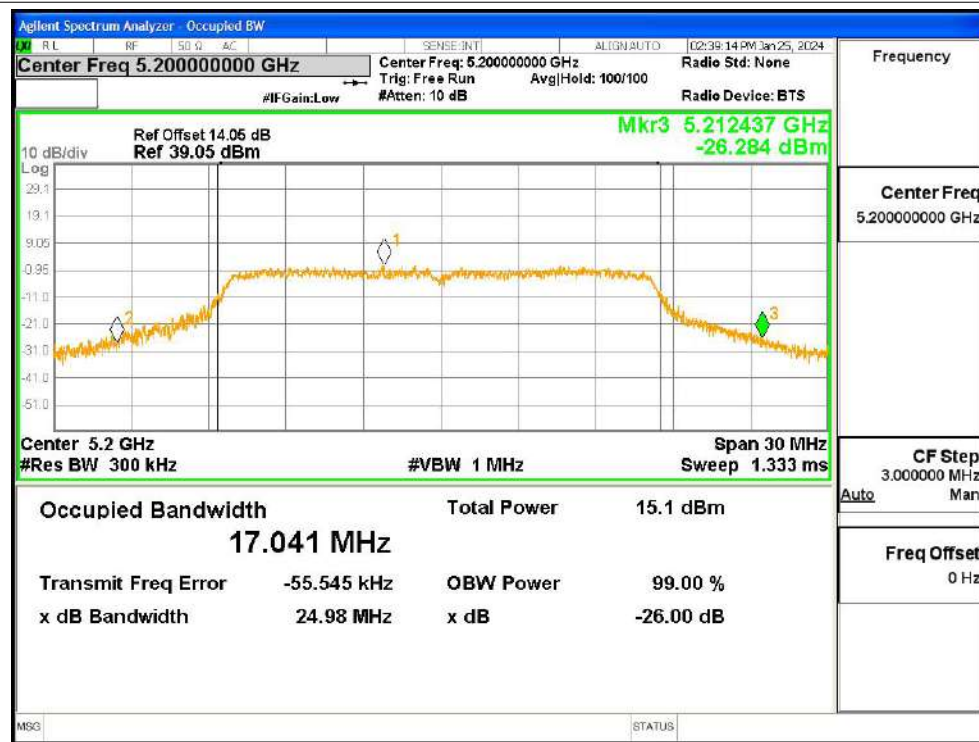
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	24.992	0.5	Pass
		5200		24.985	0.5	Pass
		5240		24.711	0.5	Pass
	n20	5180		25.597	0.5	Pass
		5200		26.36	0.5	Pass
		5240		26.636	0.5	Pass
	n40	5190		50.567	0.5	Pass
		5230		50.481	0.5	Pass
	ac20	5180		26.094	0.5	Pass
		5200		25.709	0.5	Pass
		5240		26.684	0.5	Pass
	ac40	5190		50.315	0.5	Pass
		5230		49.423	0.5	Pass
	ax20	5180		25.902	0.5	Pass
		5200		26.599	0.5	Pass
		5240		25.529	0.5	Pass
	ax40	5190		47.746	0.5	Pass
		5230		47.682	0.5	Pass

Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



-26dB Bandwidth NVNT a 5200MHz Ant1



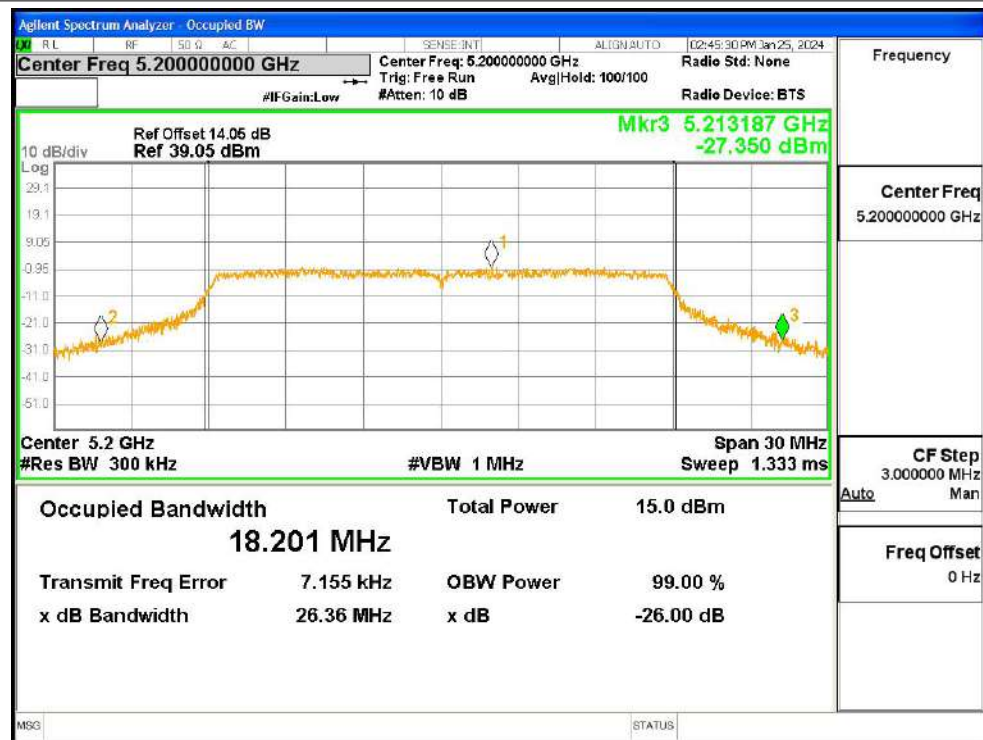
-26dB Bandwidth NVNT a 5240MHz Ant1



-26dB Bandwidth NVNT n20 5180MHz Ant1



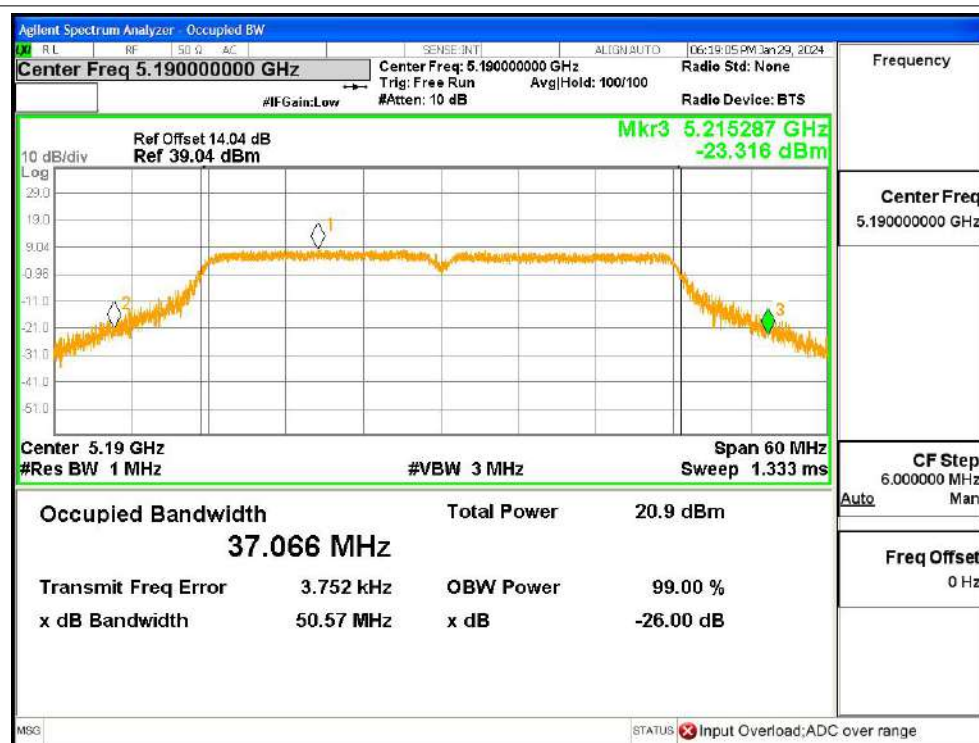
-26dB Bandwidth NVNT n20 5200MHz Ant1



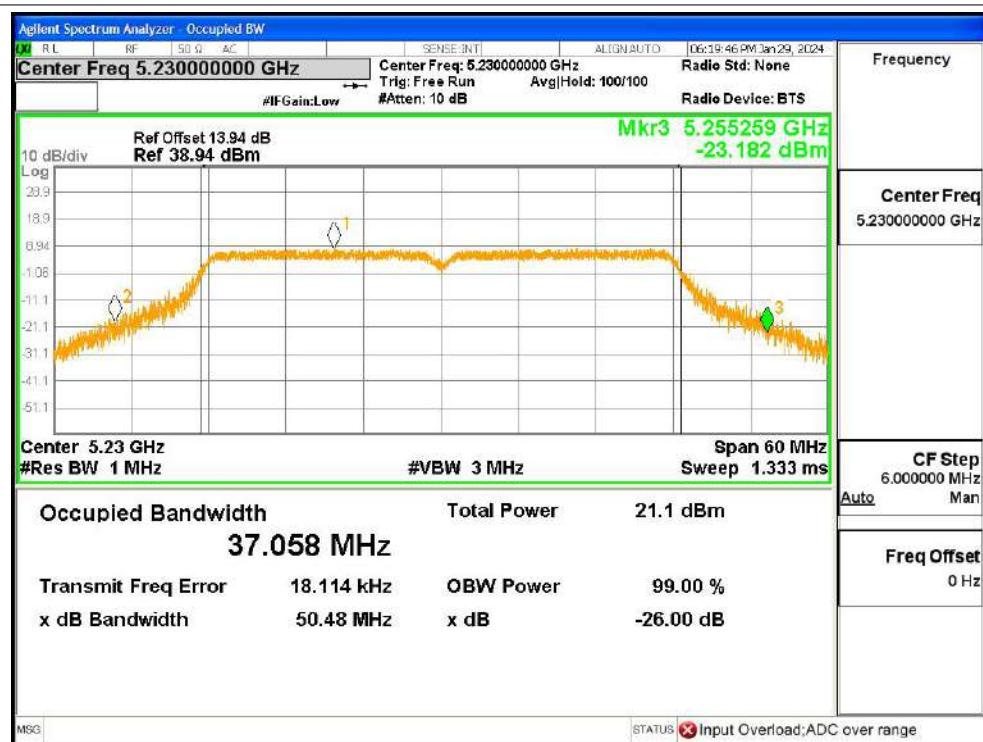
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT ac20 5180MHz Ant1



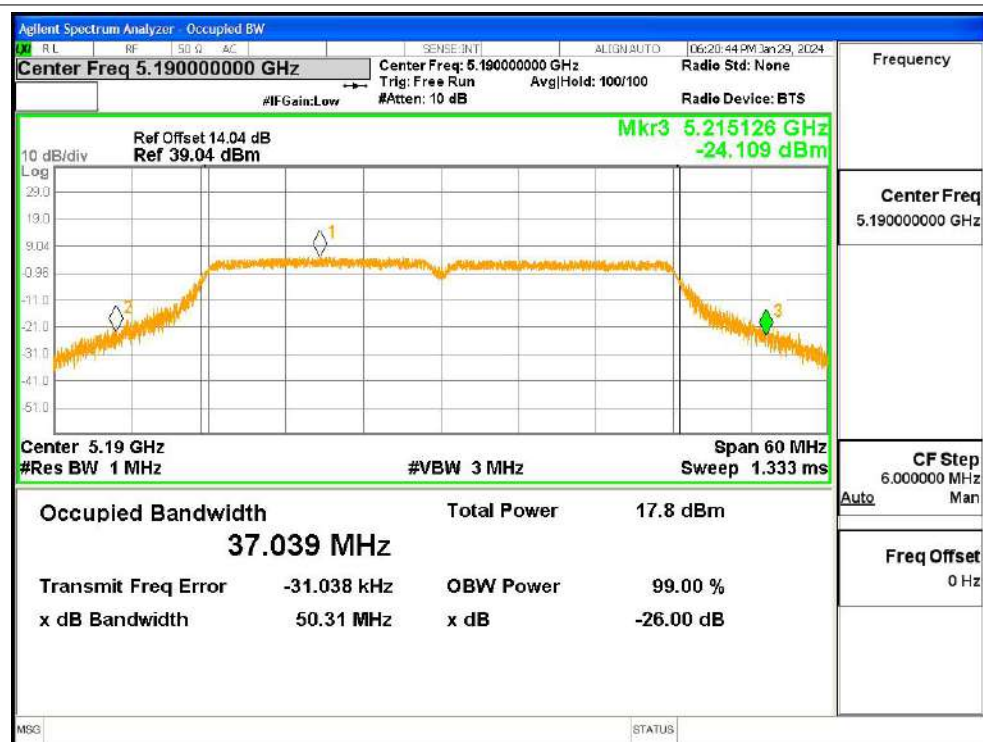
-26dB Bandwidth NVNT ac20 5200MHz Ant1



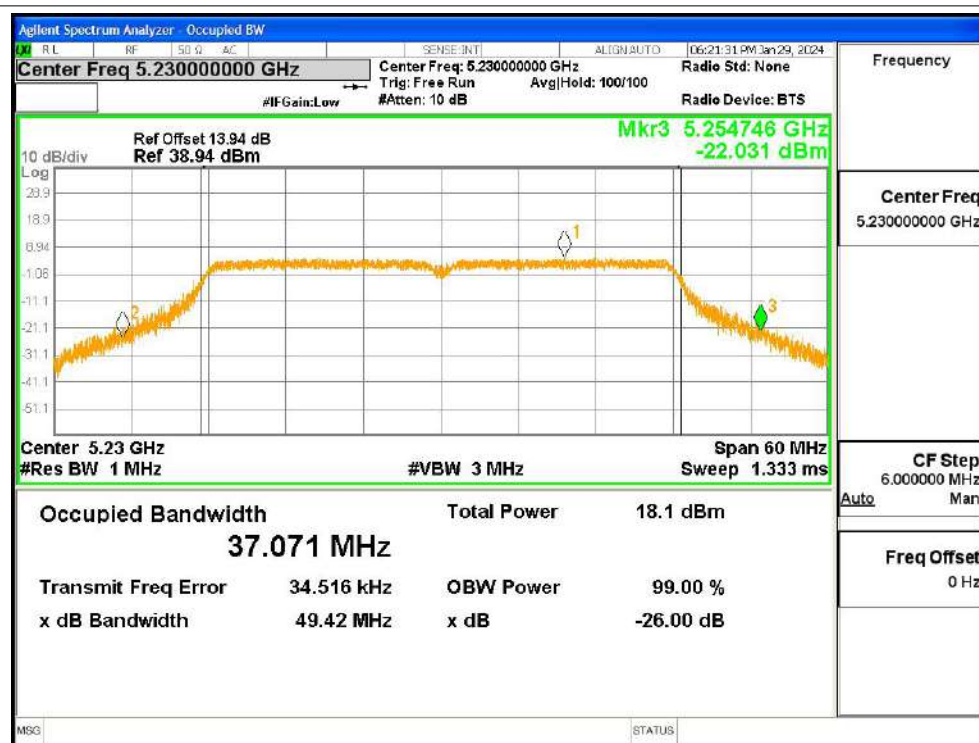
-26dB Bandwidth NVNT ac20 5240MHz Ant1



-26dB Bandwidth NVNT ac40 5190MHz Ant1



-26dB Bandwidth NVNT ac40 5230MHz Ant1



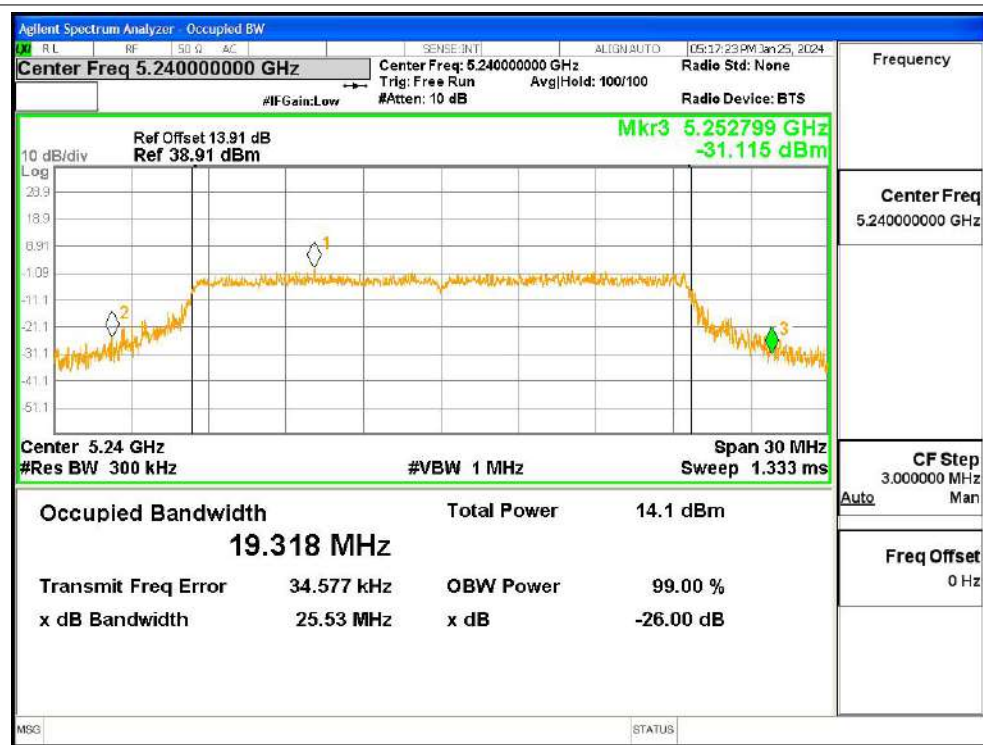
-26dB Bandwidth NVNT ax20 5180MHz Ant1



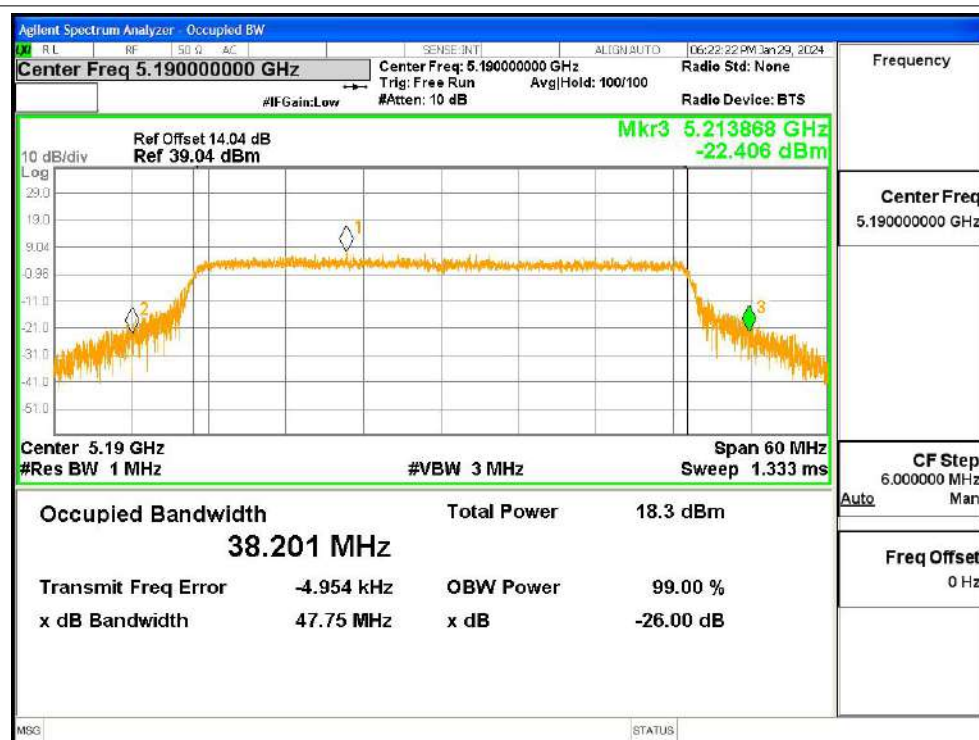
-26dB Bandwidth NVNT ax20 5200MHz Ant1



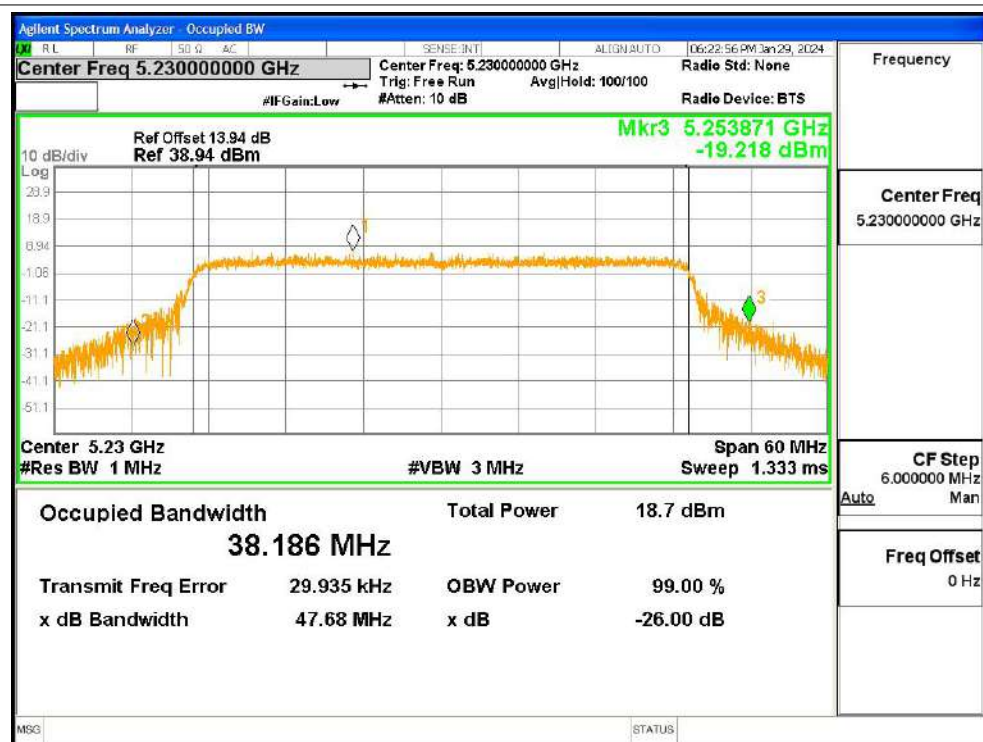
-26dB Bandwidth NVNT ax20 5240MHz Ant1



-26dB Bandwidth NVNT ax40 5190MHz Ant1



-26dB Bandwidth NVNT ax40 5230MHz Ant1

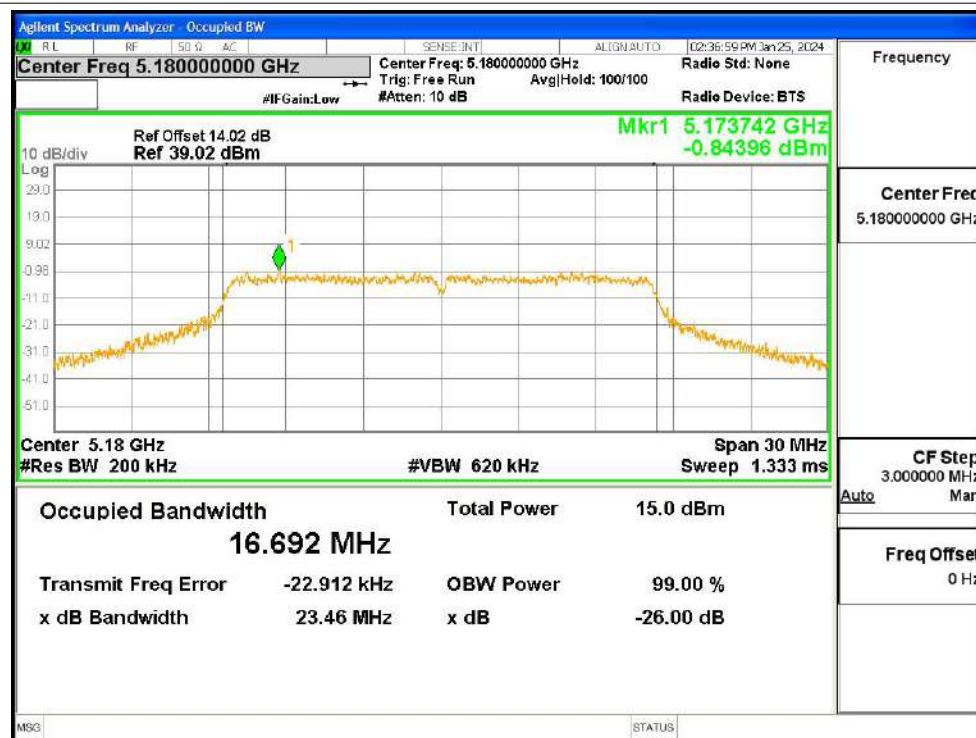


Occupied Channel Bandwidth

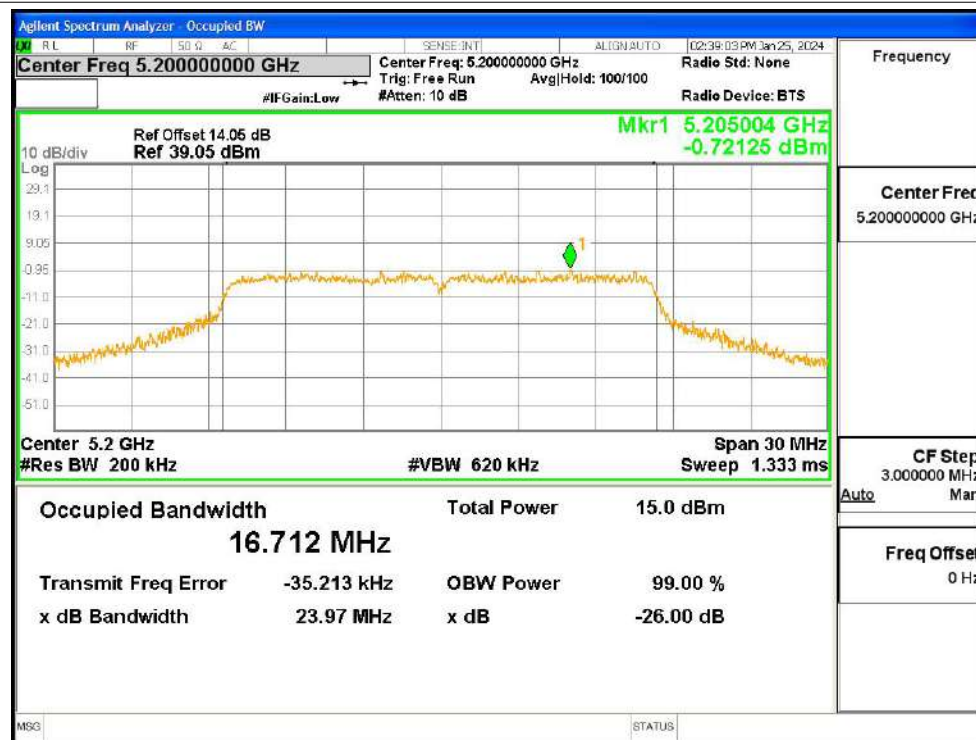
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.692
		5200		16.712
		5240		16.737
	n20	5180		17.925
		5200		17.944
		5240		17.928
	n40	5190		36.493
		5230		36.501
	ac20	5180		17.939
		5200		17.947
		5240		17.946
	ac40	5190		36.455
		5230		36.496
	ax20	5180		19.11
		5200		19.209
		5240		19.142
	ax40	5190		37.892
		5230		37.91

Test Graphs

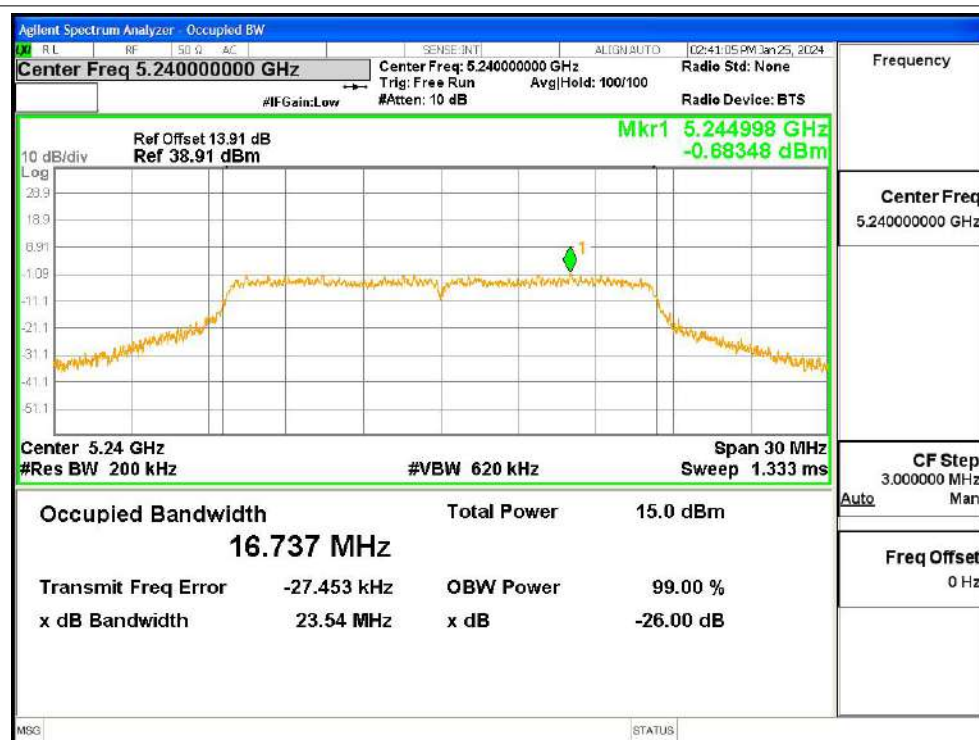
OBW NVNT a 5180MHz Ant1



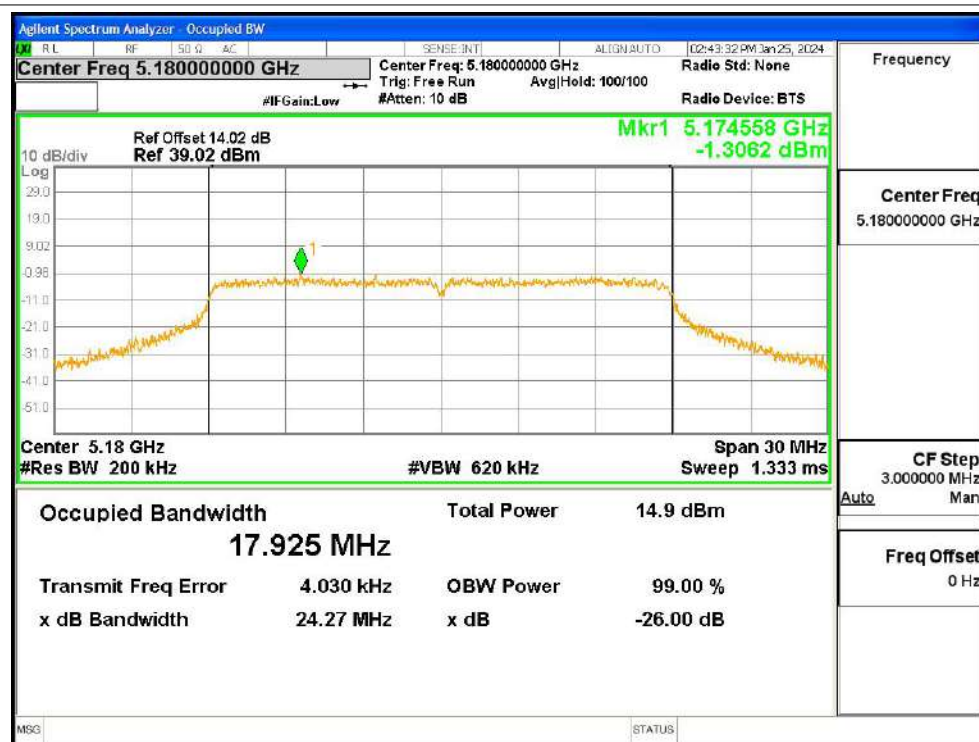
OBW NVNT a 5200MHz Ant1



OBW NVNT a 5240MHz Ant1



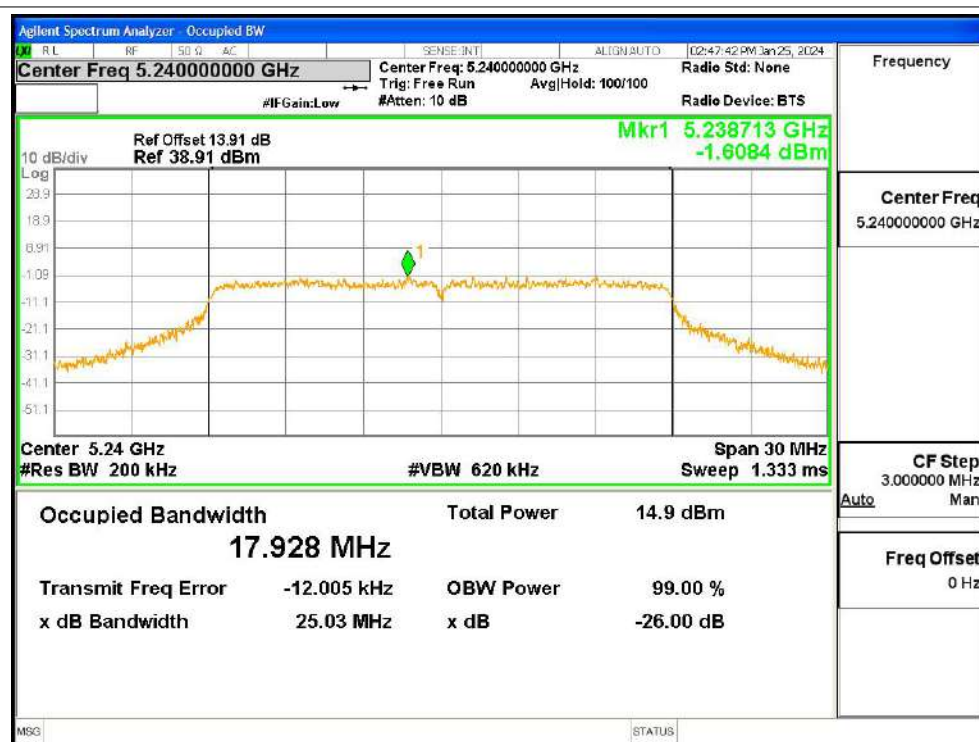
OBW NVNT n20 5180MHz Ant1



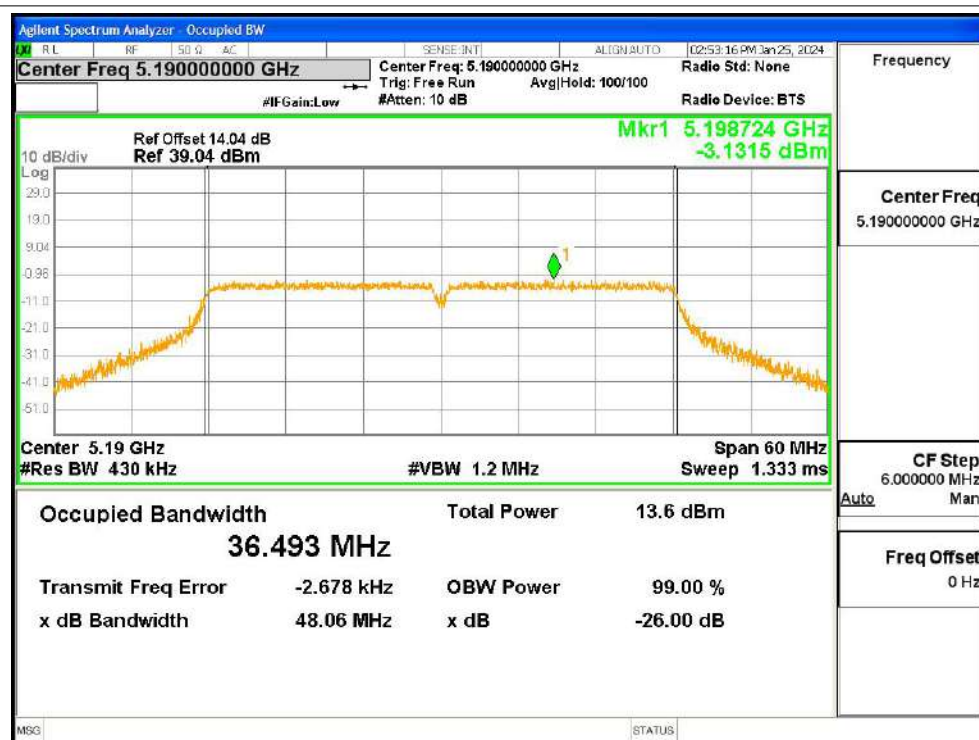
OBW NVNT n20 5200MHz Ant1



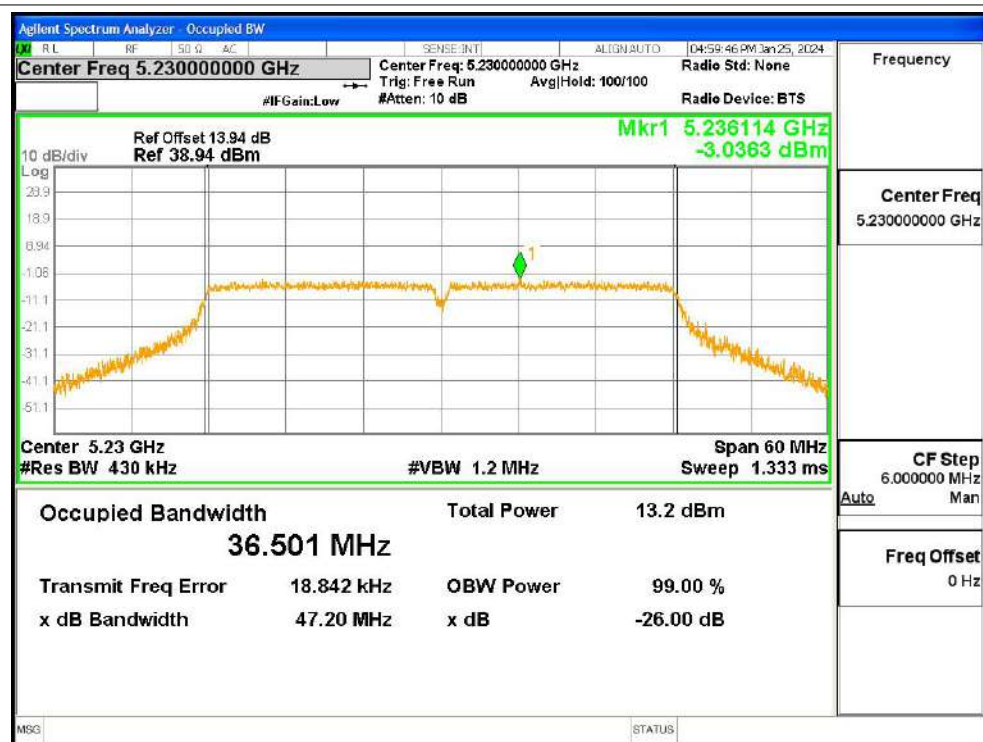
OBW NVNT n20 5240MHz Ant1



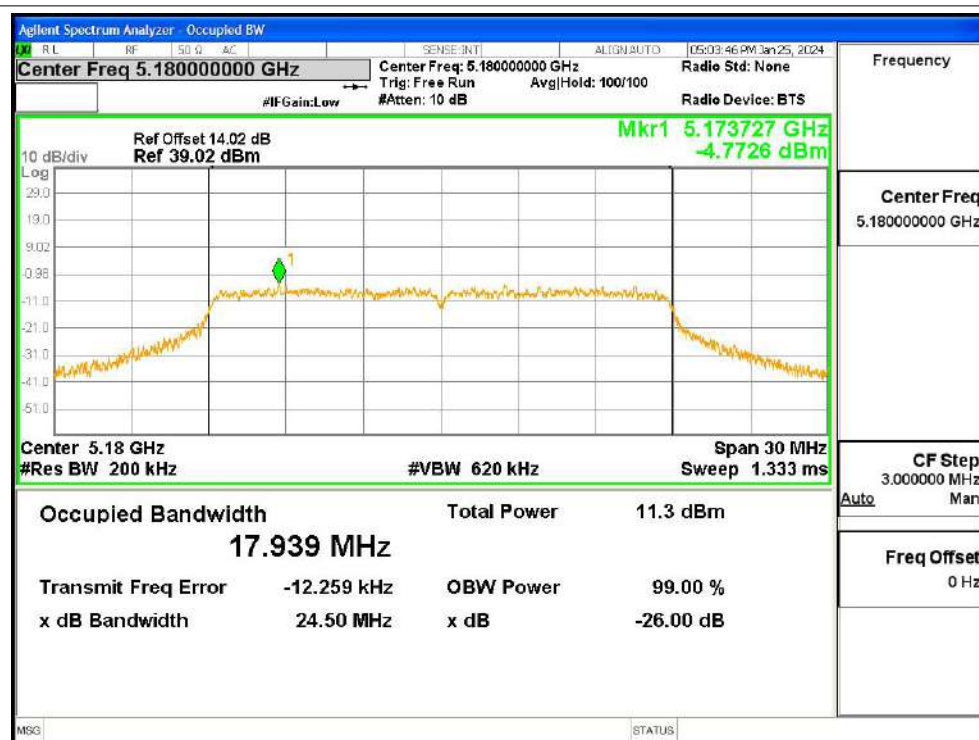
OBW NVNT n40 5190MHz Ant1



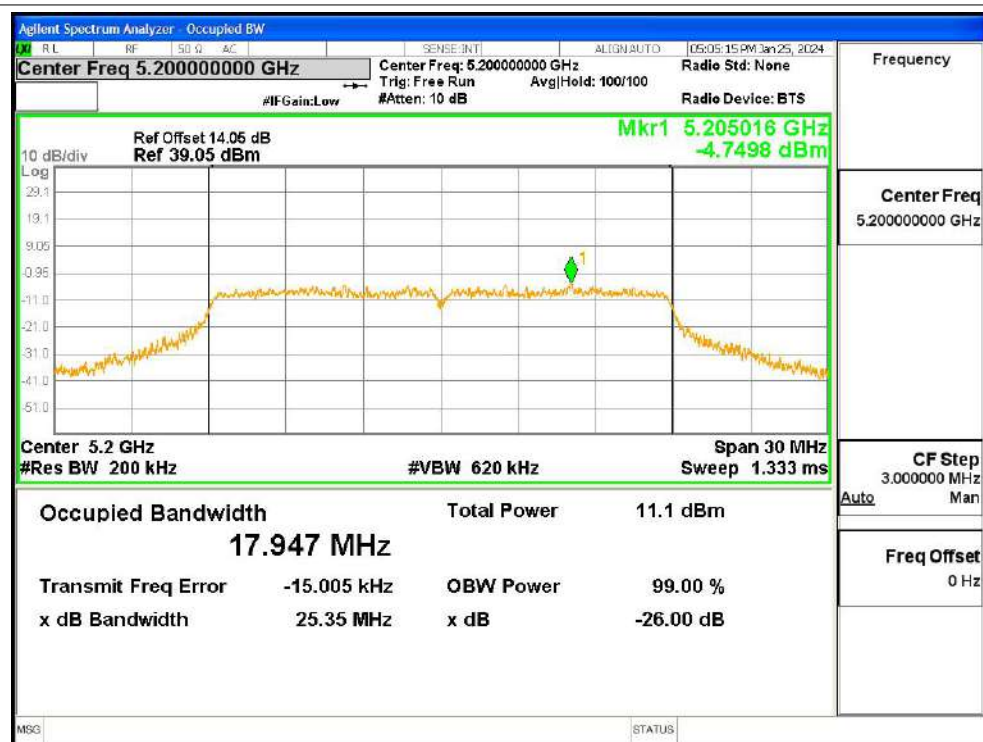
OBW NVNT n40 5230MHz Ant1



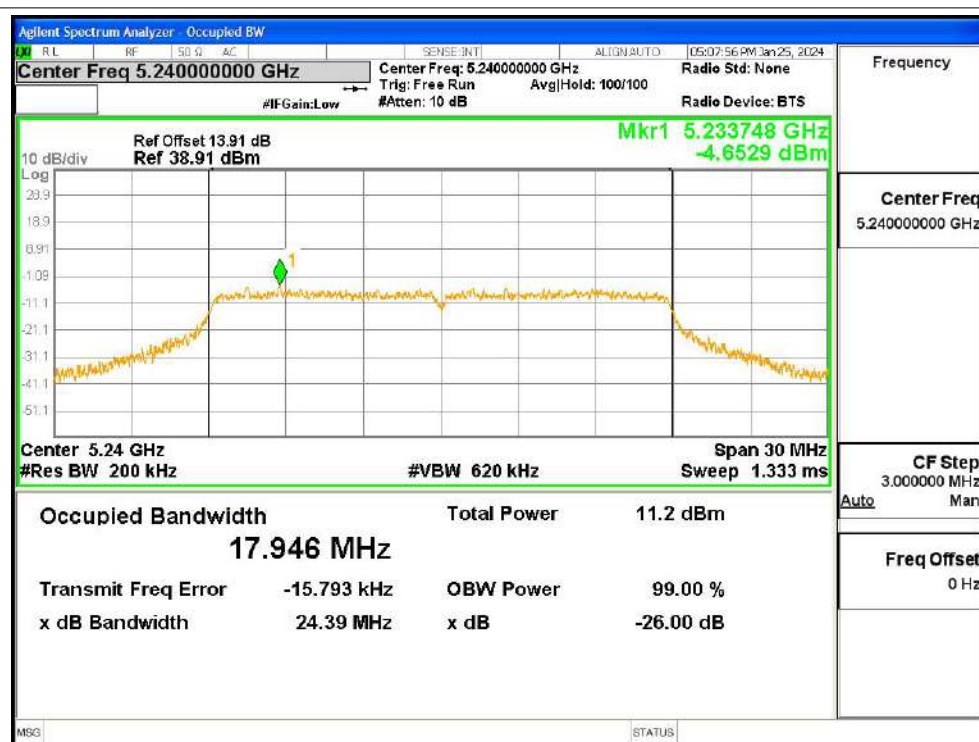
OBW NVNT ac20 5180MHz Ant1



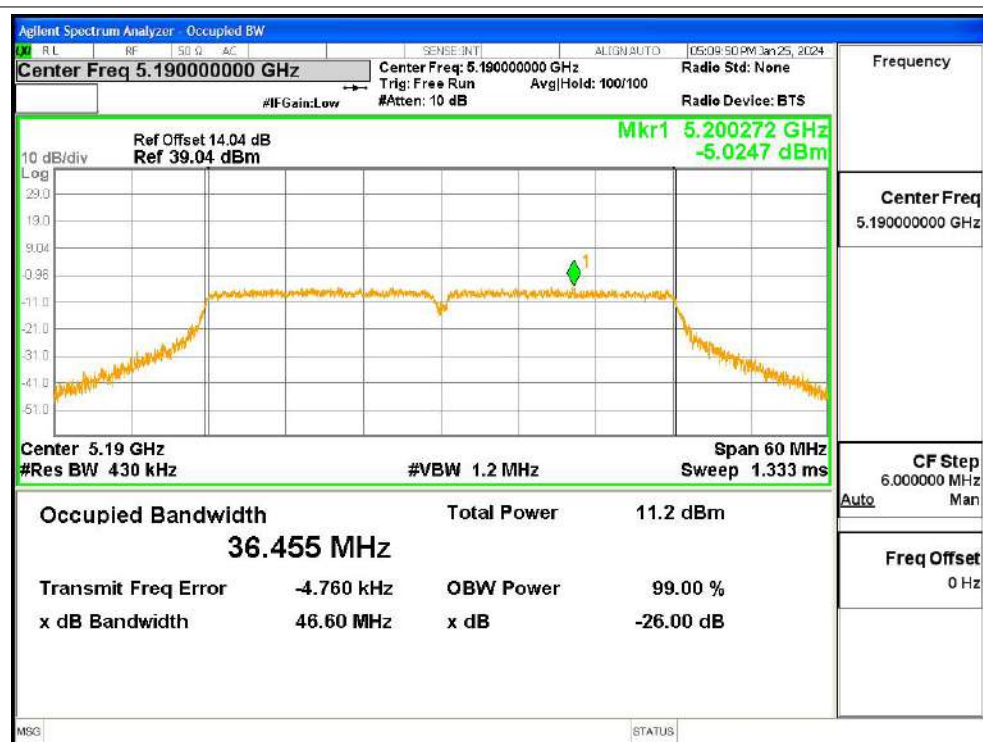
OBW NVNT ac20 5200MHz Ant1



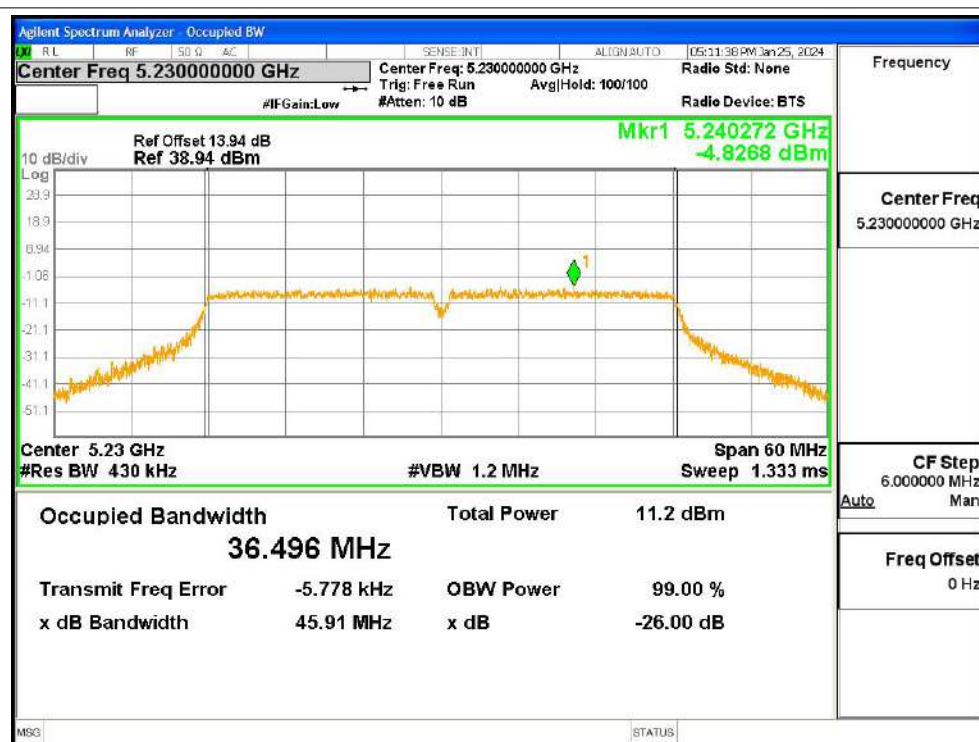
OBW NVNT ac20 5240MHz Ant1



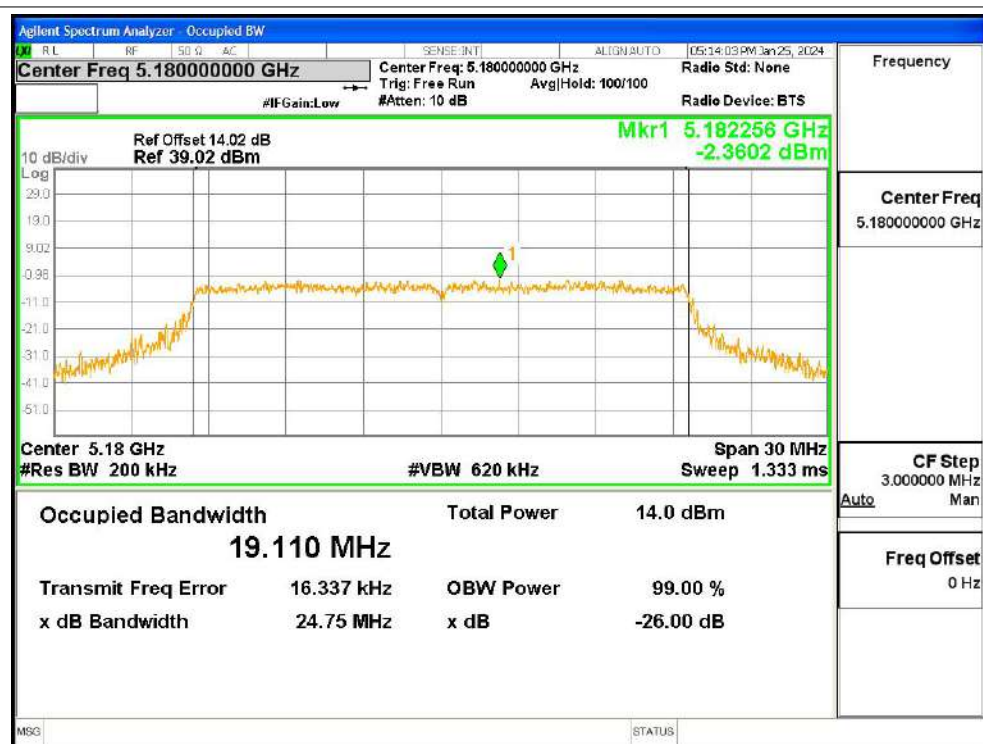
OBW NVNT ac40 5190MHz Ant1



OBW NVNT ac40 5230MHz Ant1



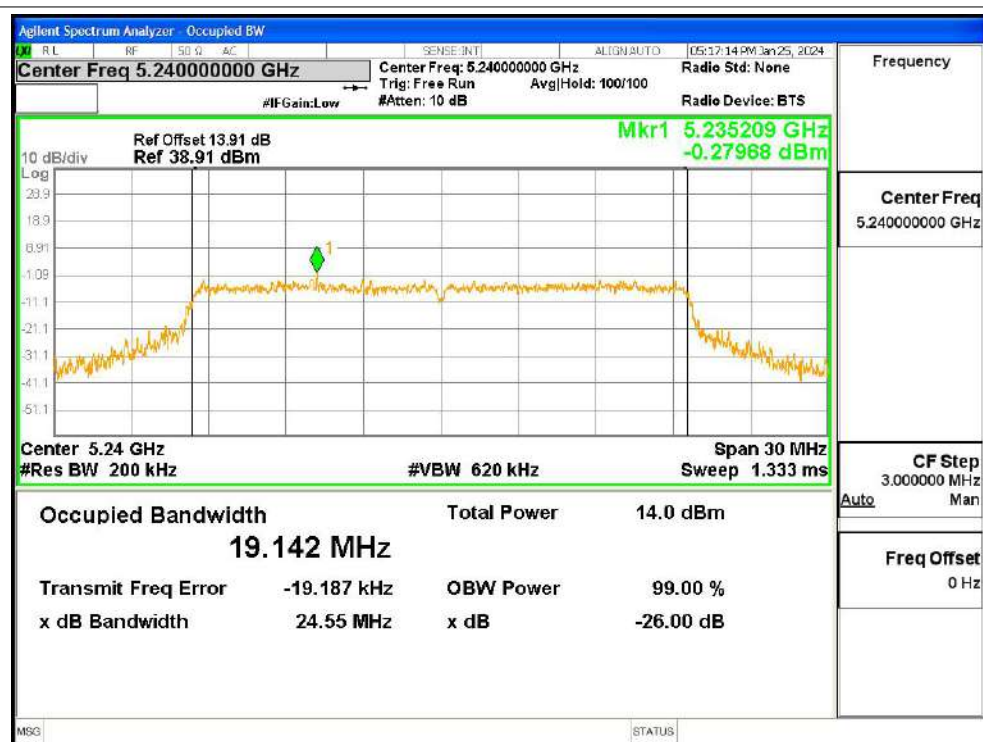
OBW NVNT ax20 5180MHz Ant1



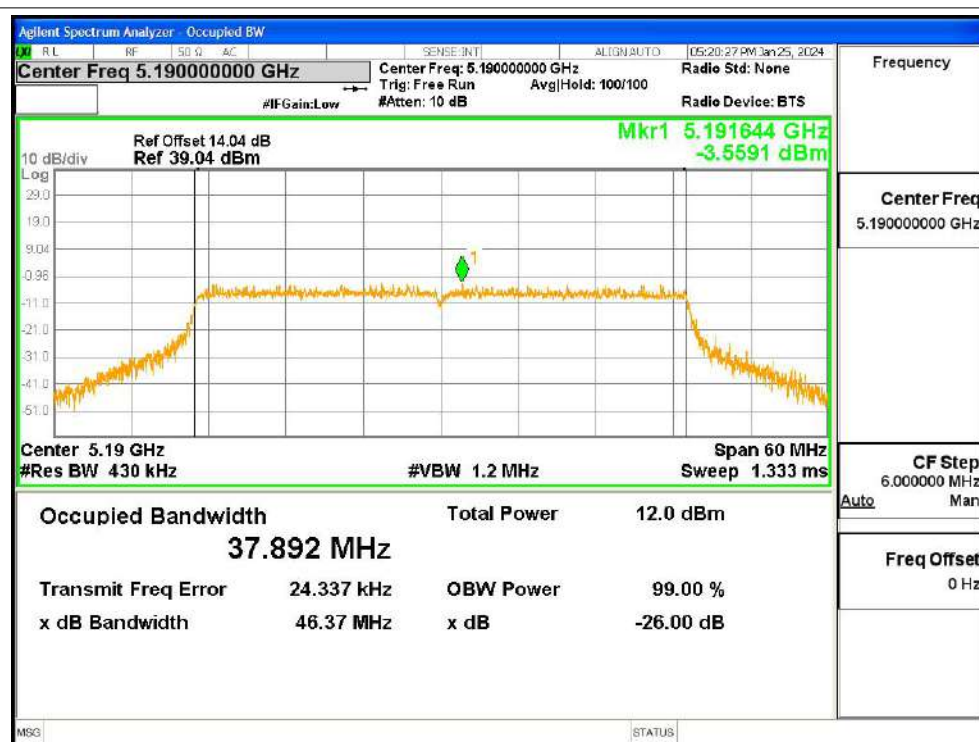
OBW NVNT ax20 5200MHz Ant1



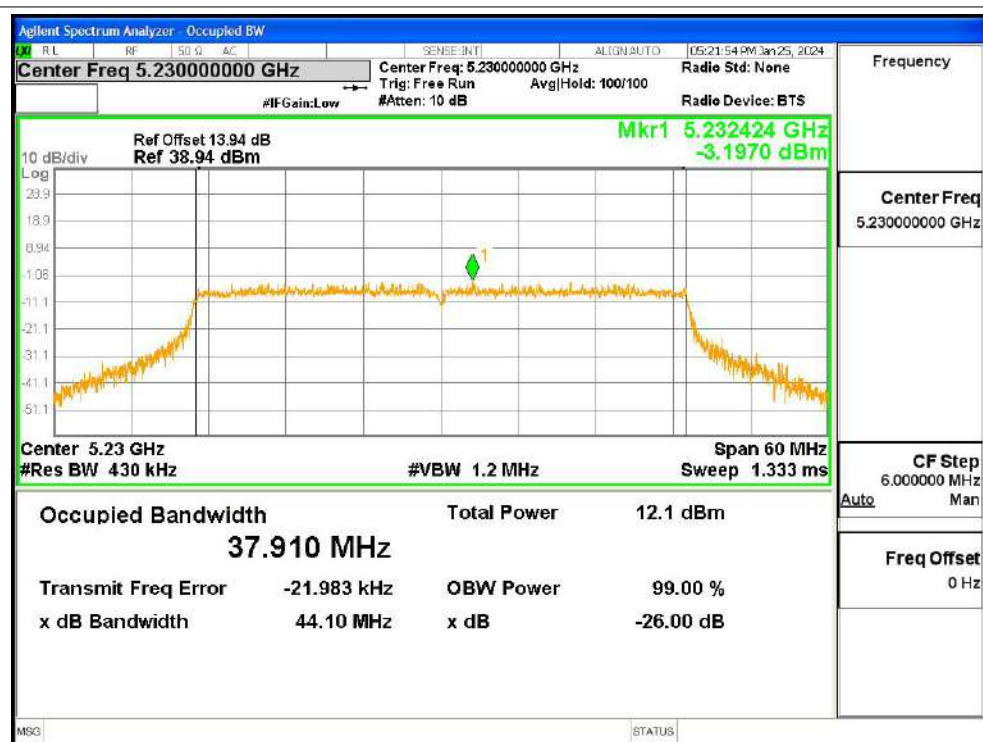
OBW NVNT ax20 5240MHz Ant1



OBW NVNT ax40 5190MHz Ant1



OBW NVNT ax40 5230MHz Ant1

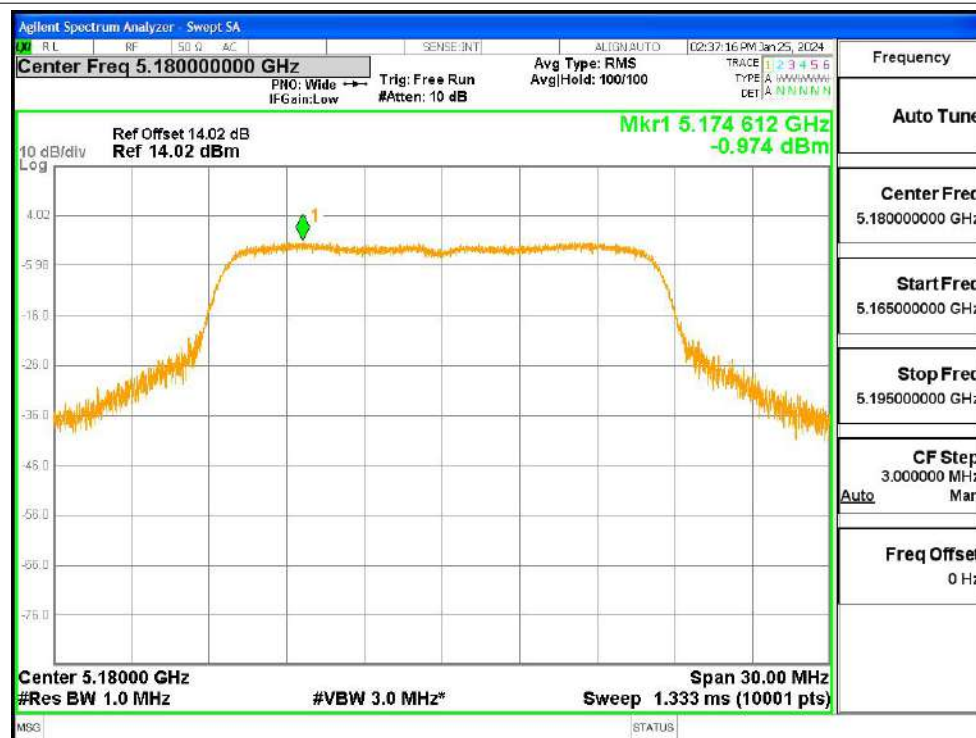


Maximum Power Spectral Density Level

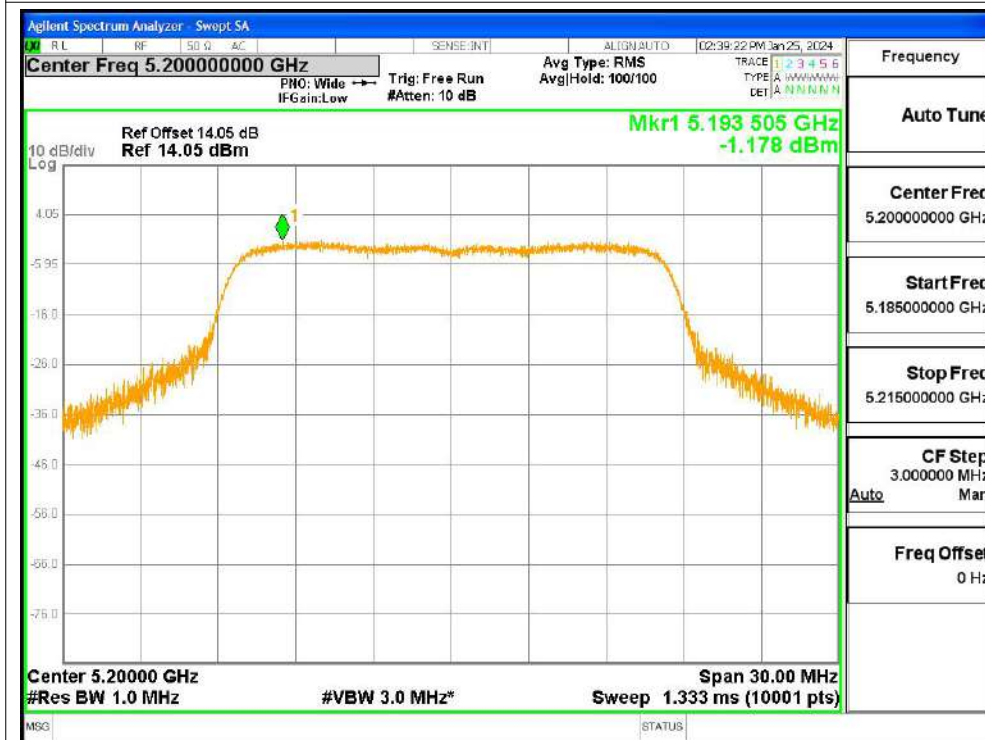
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-0.97	0.36	-0.61	11	Pass
		5200		-1.18	0.2	-0.98	11	Pass
		5240		-1.06	0.24	-0.82	11	Pass
	n20	5180		-1.6	0.18	-1.42	11	Pass
		5200		-1.35	0.23	-1.12	11	Pass
		5240		-1.34	0.19	-1.15	11	Pass
	n40	5190		-6.28	0.34	-5.94	11	Pass
		5230		-6.6	0.73	-5.87	11	Pass
	ac20	5180		-5.17	0.31	-4.86	11	Pass
		5200		-5.38	0.09	-5.29	11	Pass
		5240		-5.42	0.3	-5.12	11	Pass
	ac40	5190		-8.73	0.38	-8.35	11	Pass
		5230		-8.9	0.38	-8.52	11	Pass
	ax20	5180		-3.69	0.42	-3.27	11	Pass
		5200		-3.77	0.65	-3.12	11	Pass
		5240		-3.65	0.55	-3.1	11	Pass
	ax40	5190		-8.72	0.79	-7.93	11	Pass
		5230		-8.71	0.83	-7.88	11	Pass

Test Graphs

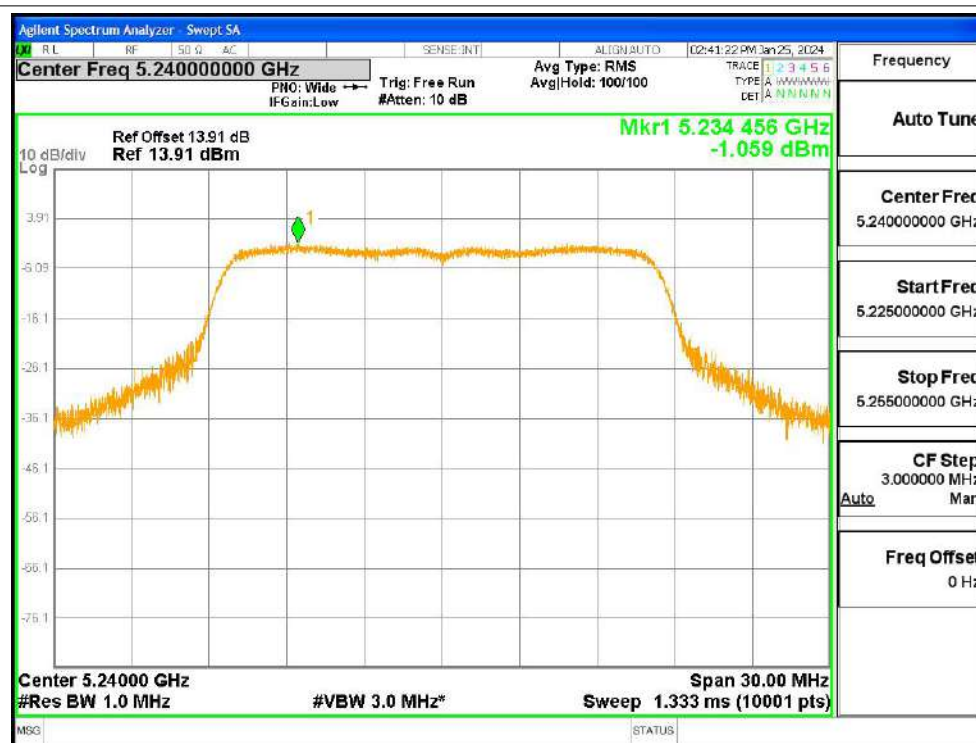
PSD NVNT a 5180MHz Ant1



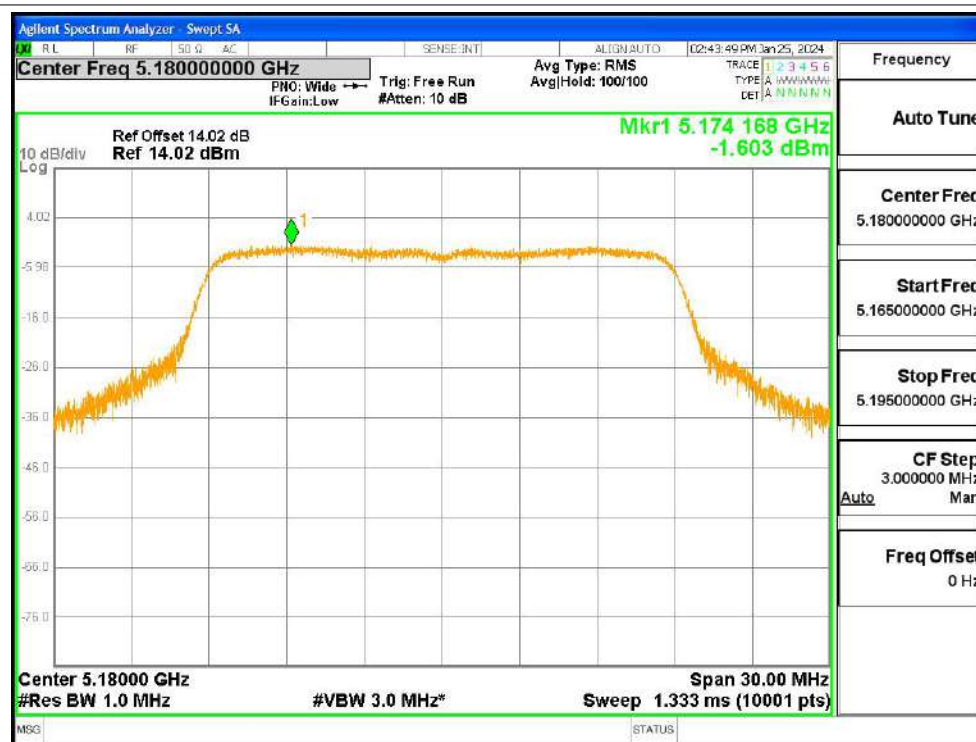
PSD NVNT a 5200MHz Ant1



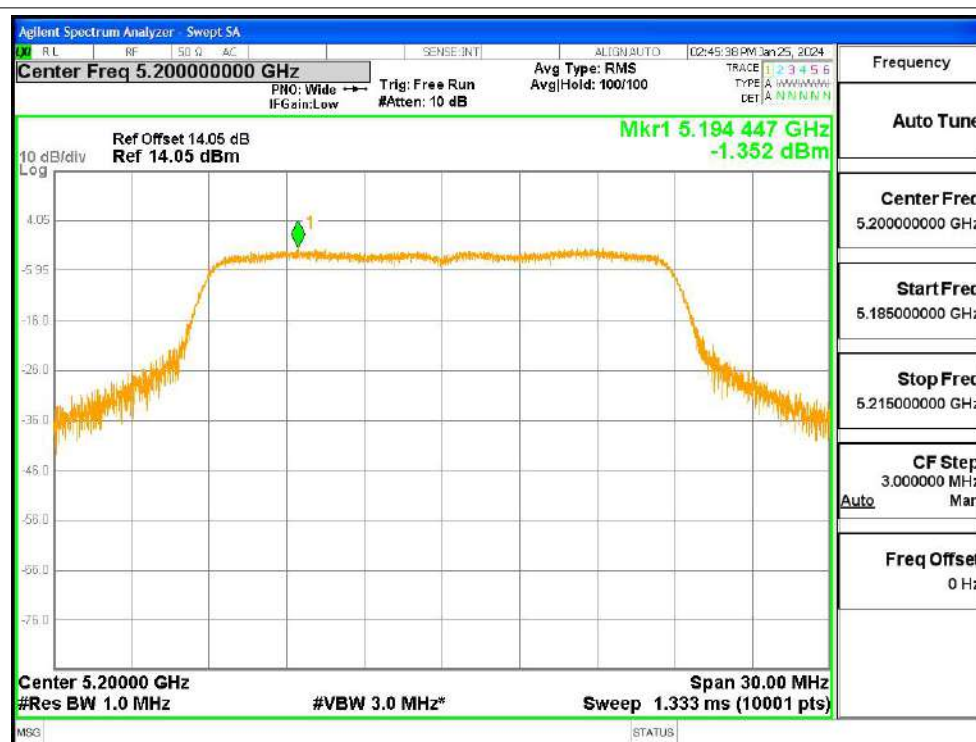
PSD NVNT a 5240MHz Ant1



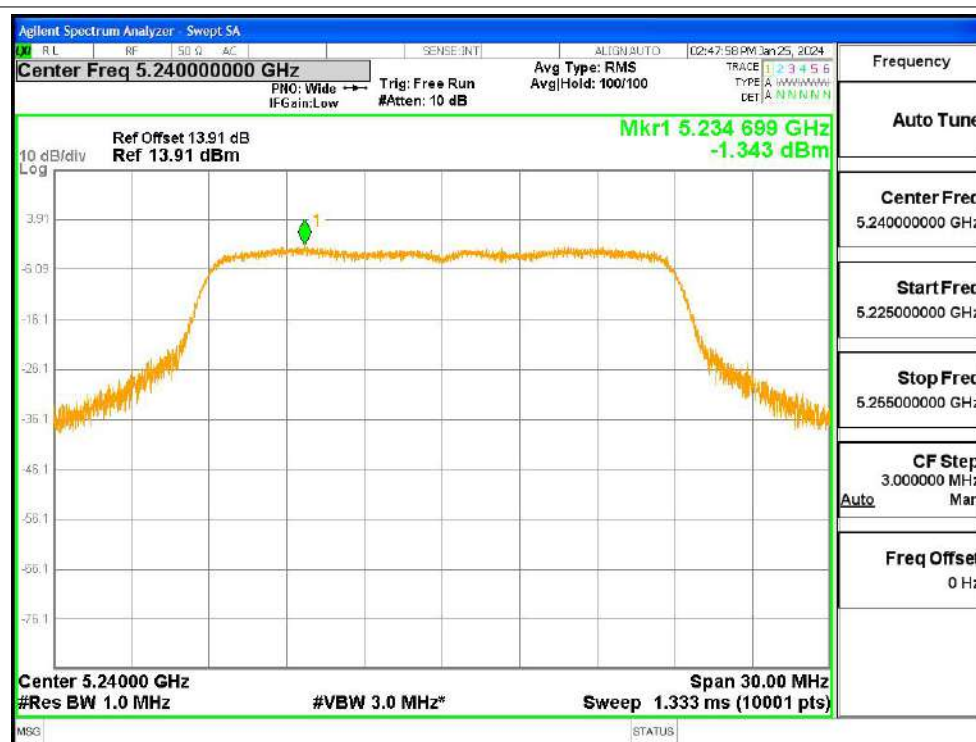
PSD NVNT n20 5180MHz Ant1



PSD NVNT n20 5200MHz Ant1



PSD NVNT n20 5240MHz Ant1



PSD NVNT n40 5190MHz Ant1



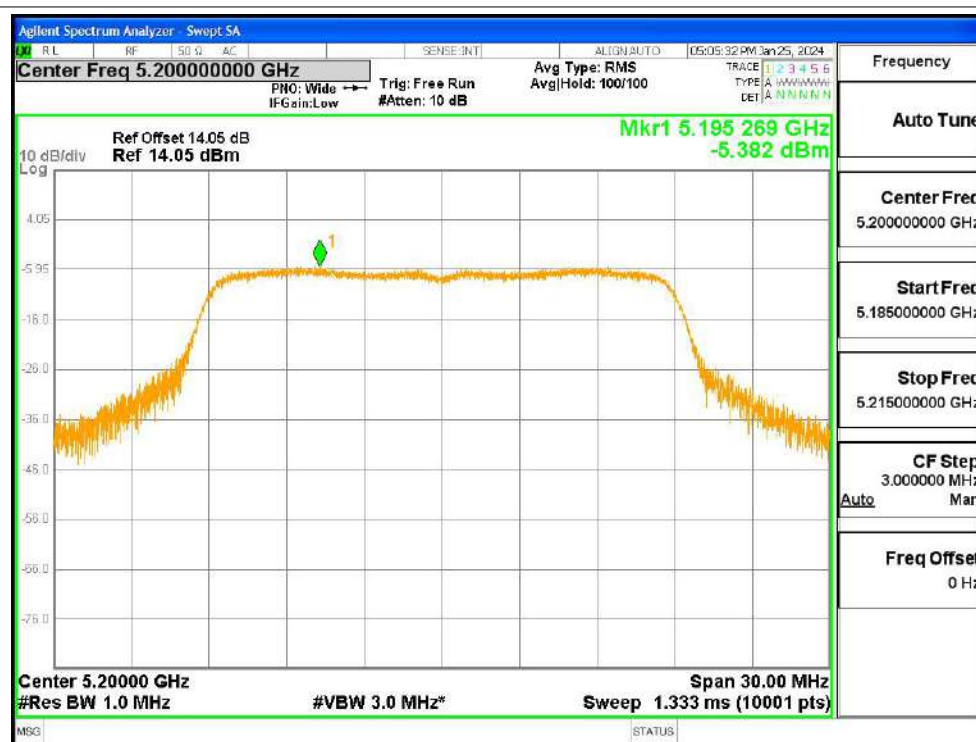
PSD NVNT n40 5230MHz Ant1



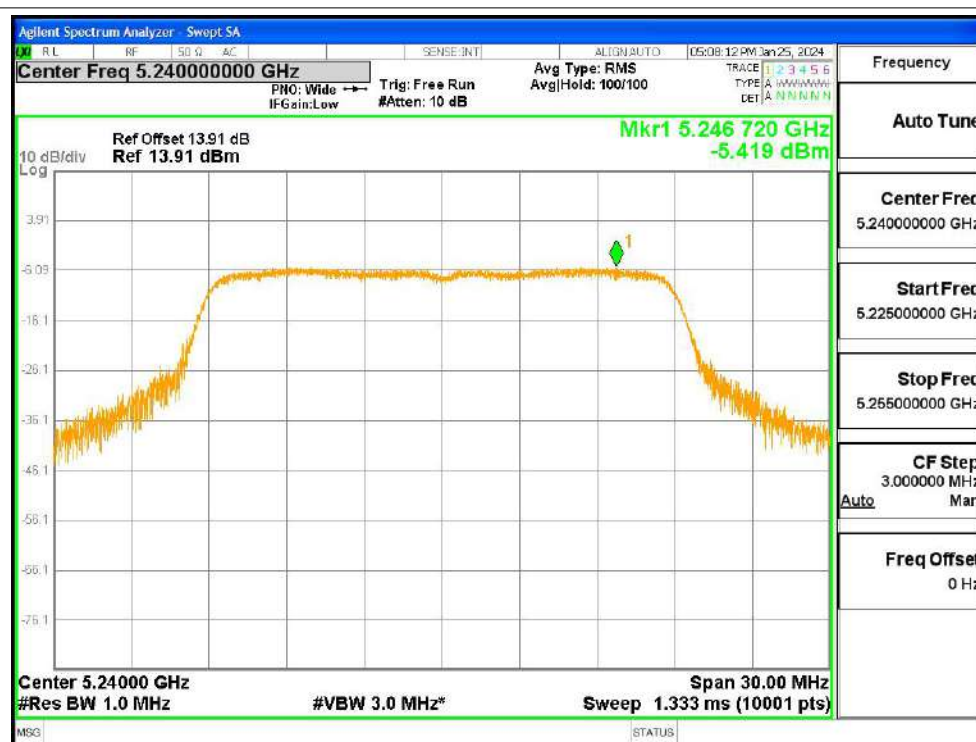
PSD NVNT ac20 5180MHz Ant1



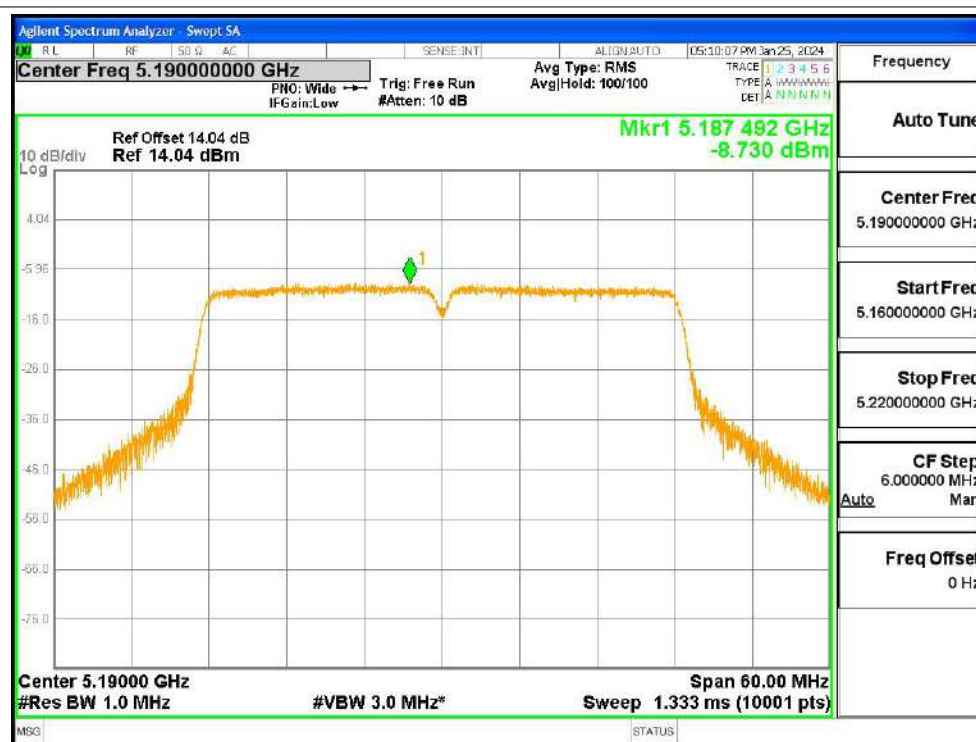
PSD NVNT ac20 5200MHz Ant1



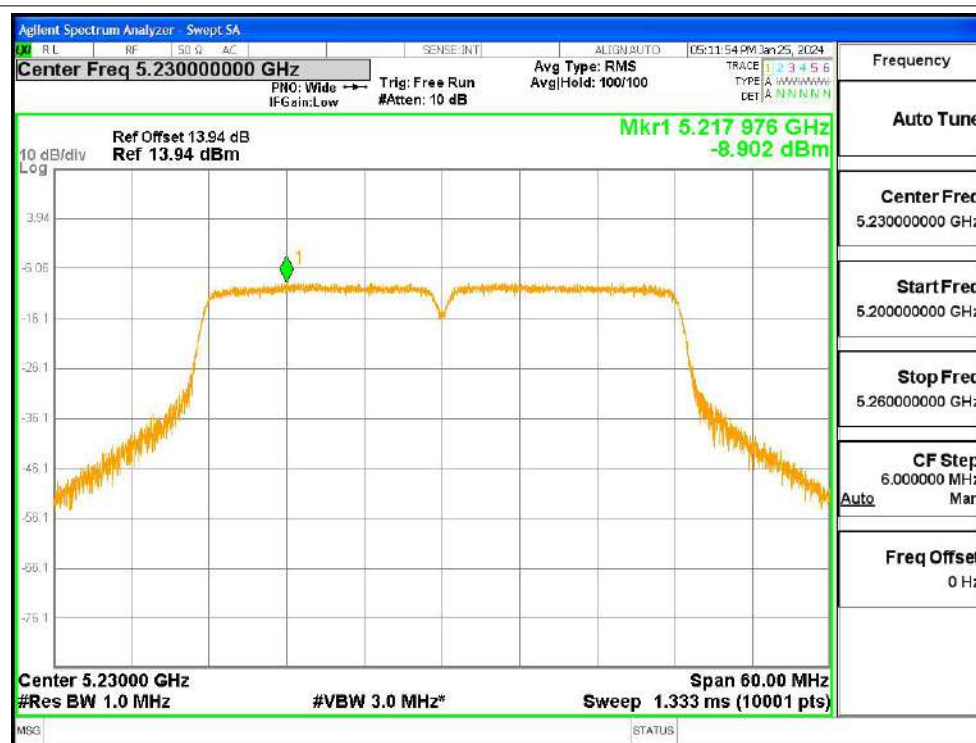
PSD NVNT ac20 5240MHz Ant1



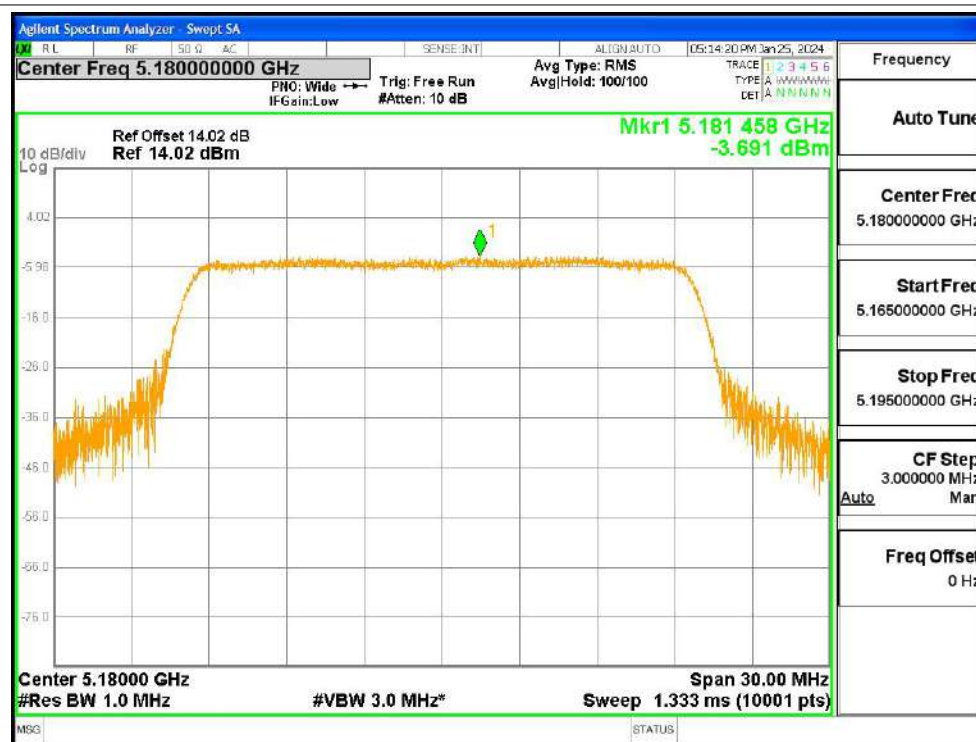
PSD NVNT ac40 5190MHz Ant1



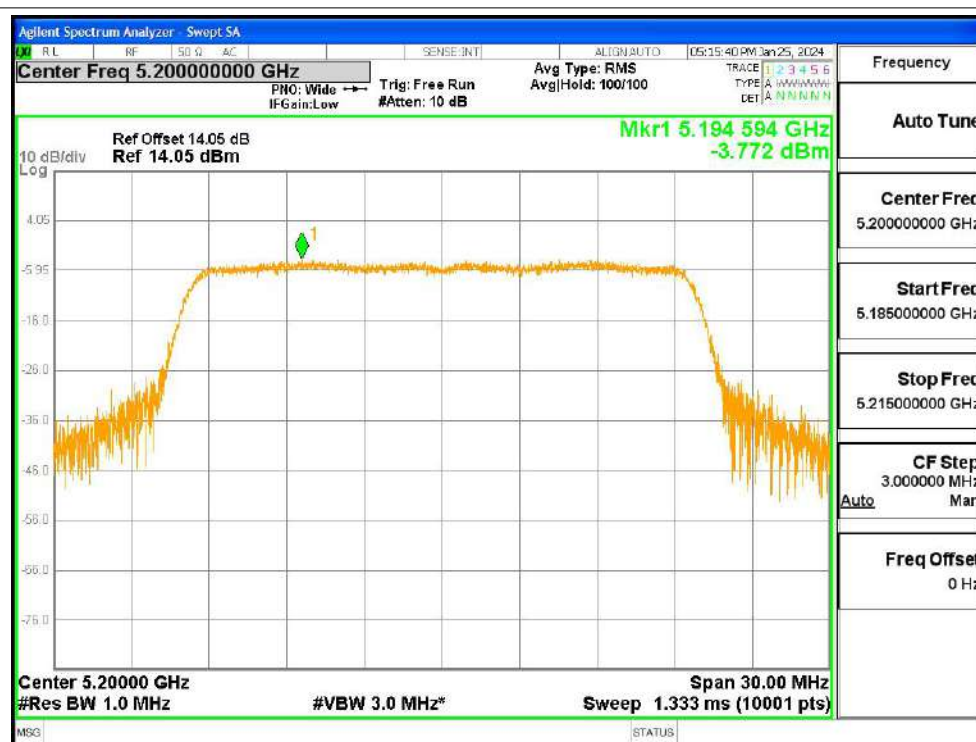
PSD NVNT ac40 5230MHz Ant1



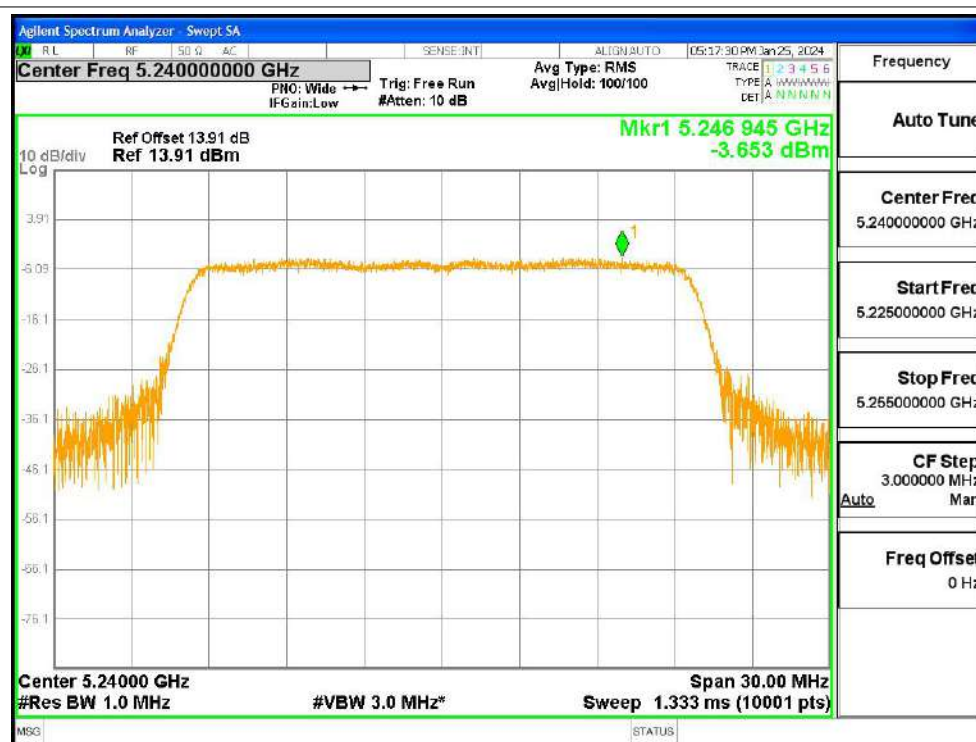
PSD NVNT ax20 5180MHz Ant1



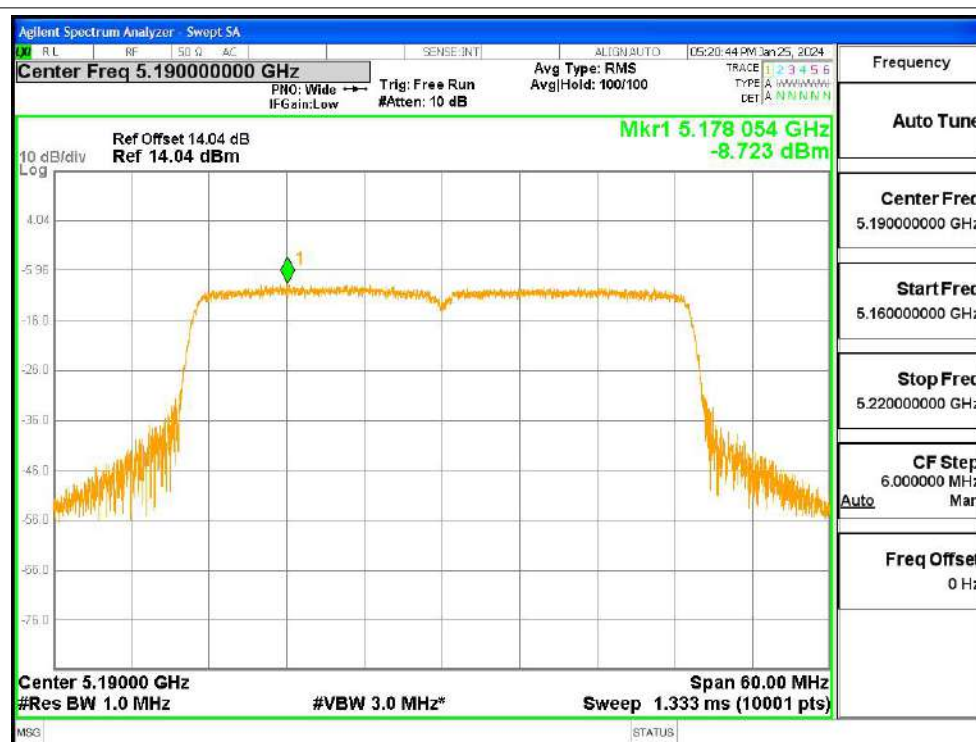
PSD NVNT ax20 5200MHz Ant1



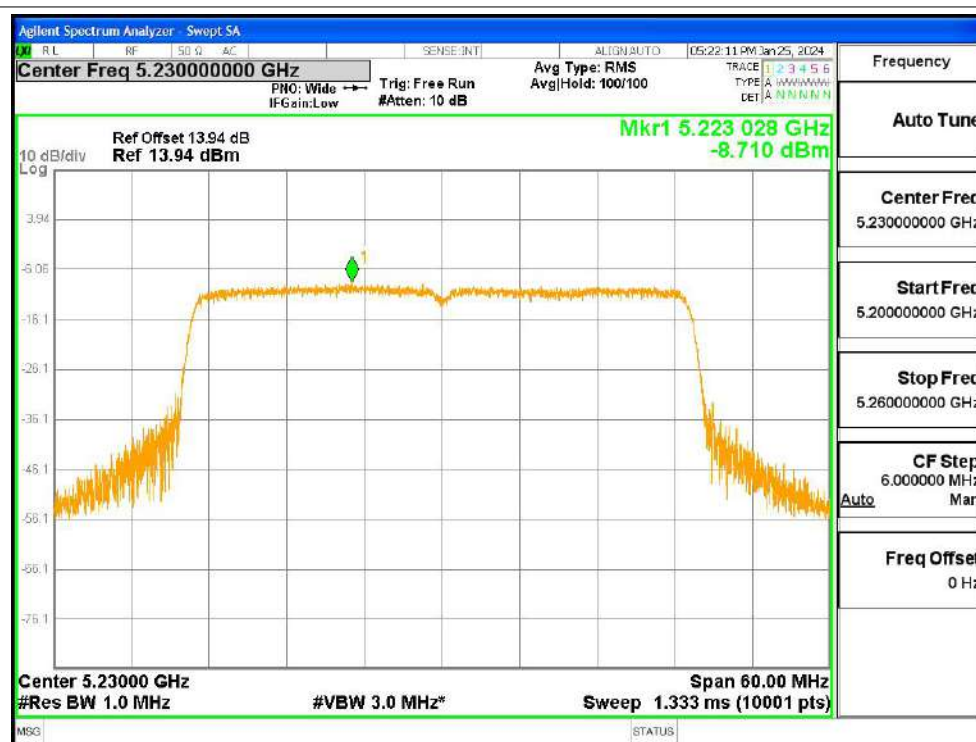
PSD NVNT ax20 5240MHz Ant1



PSD NVNT ax40 5190MHz Ant1



PSD NVNT ax40 5230MHz Ant1

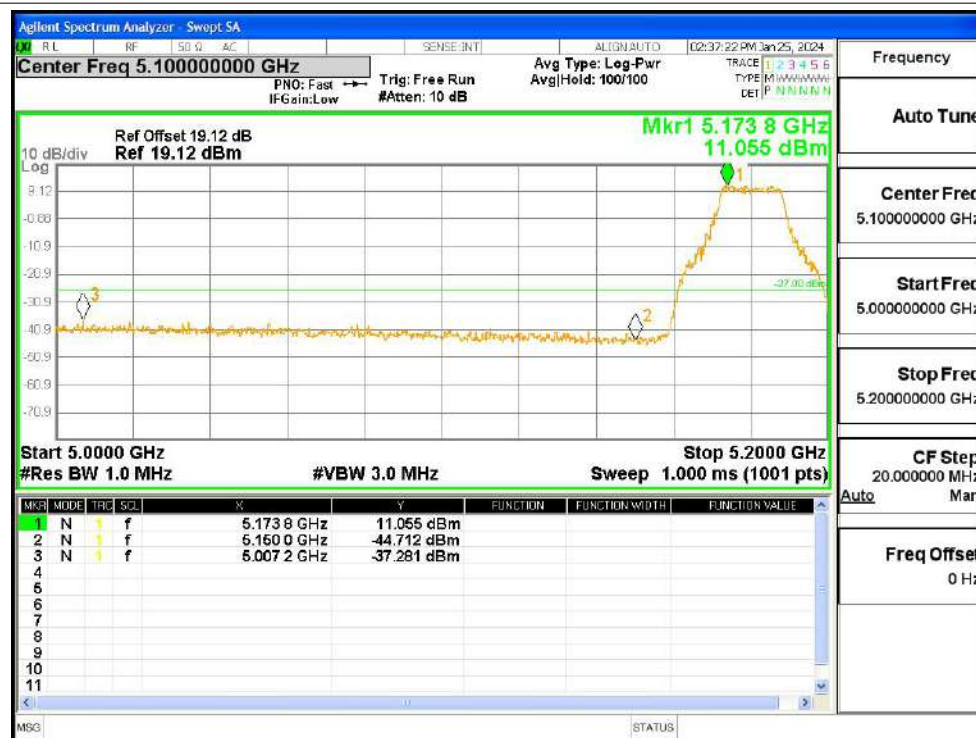


Band Edge

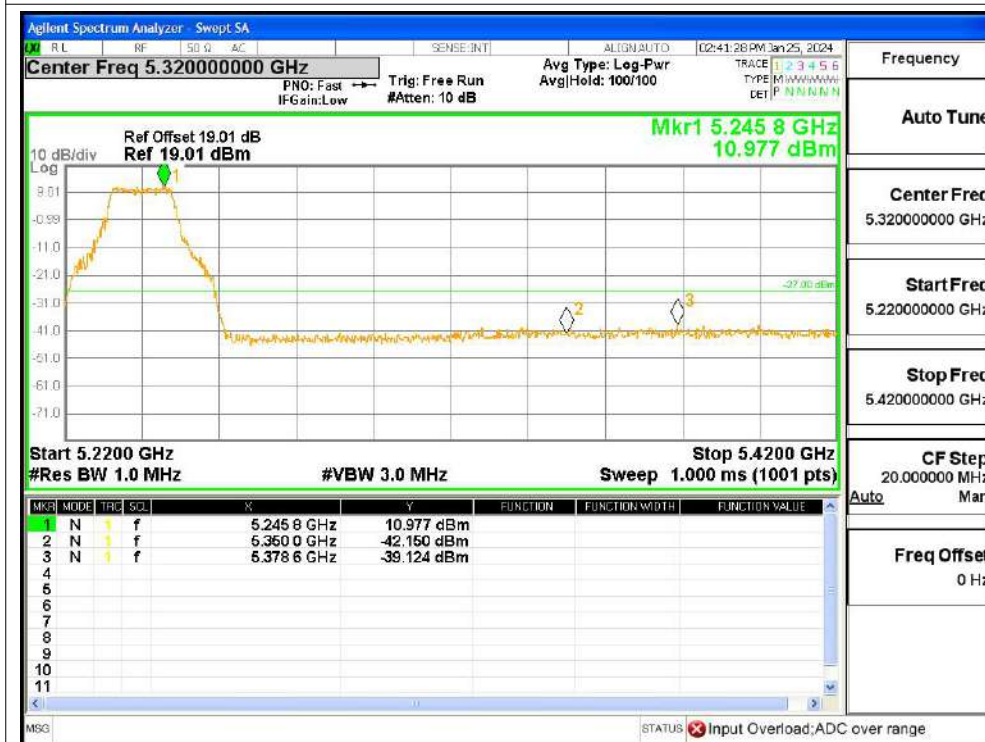
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict		
NVNT	a	5180	Ant1	-37.28	-27	Pass		
		5240		-39.12	-27	Pass		
	n20	5180		-37.6	-27	Pass		
		5240		-38.65	-27	Pass		
	n40	5190		-38.21	-27	Pass		
		5230		-41.13	-27	Pass		
	ac20	5180		-39.57	-27	Pass		
		5240		-41.29	-27	Pass		
	ac40	5190		-40.29	-27	Pass		
		5230		-42.24	-27	Pass		
	ax20	5180		-39.65	-27	Pass		
		5240		-42.01	-27	Pass		
	ax40	5190		-39.3	-27	Pass		
		5230		-41.53	-27	Pass		
	Reamrk: Antenna gain is covered in the test.							

Test Graphs

Band Edge NVNT a 5180MHz Low Ant1



Band Edge NVNT a 5240MHz High Ant1



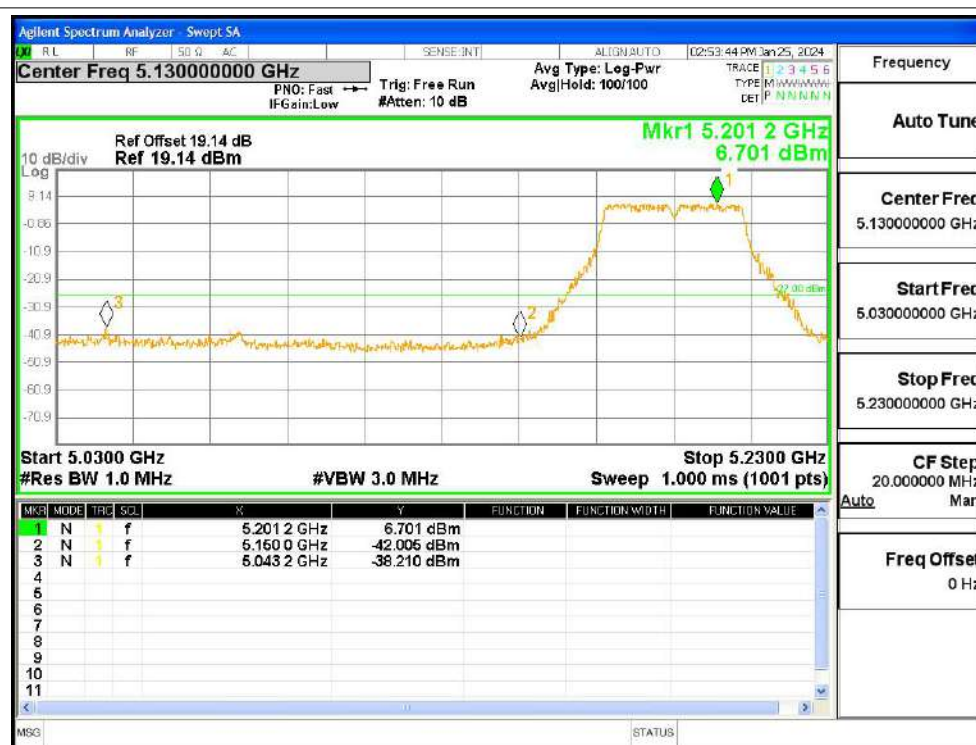
Band Edge NVNT n20 5180MHz Low Ant1



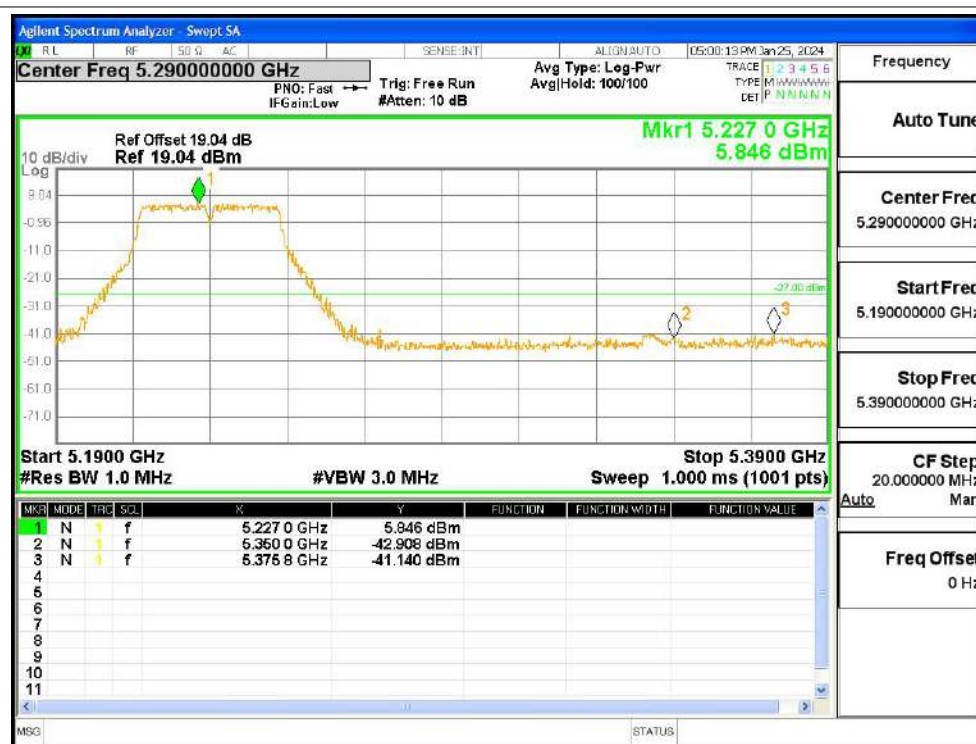
Band Edge NVNT n20 5240MHz High Ant1



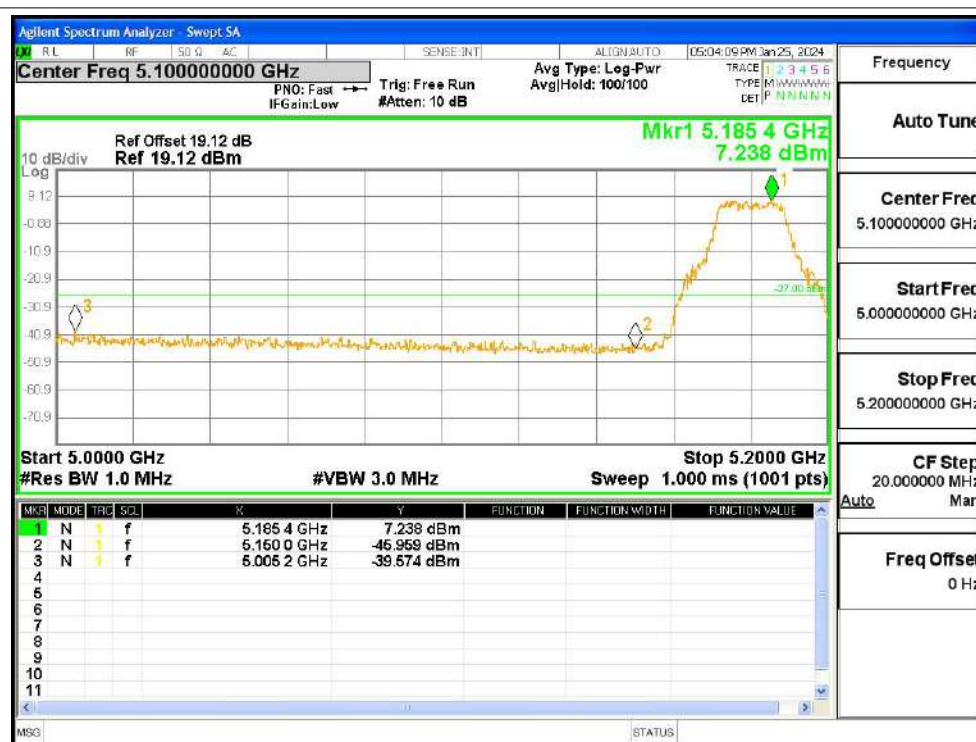
Band Edge NVNT n40 5190MHz Low Ant1



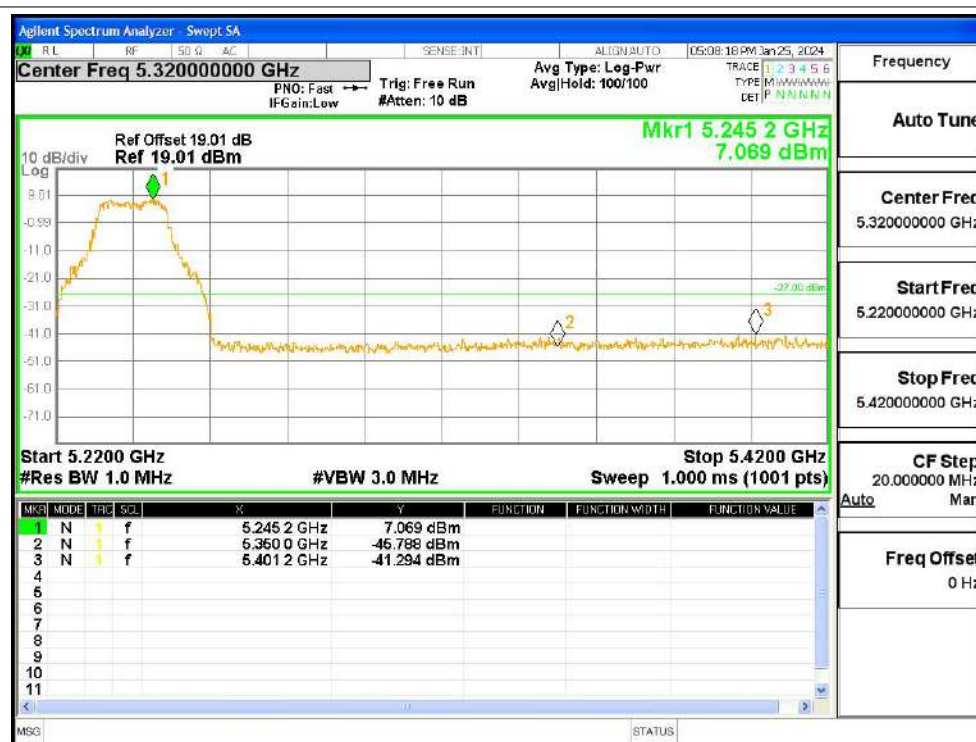
Band Edge NVNT n40 5230MHz High Ant1



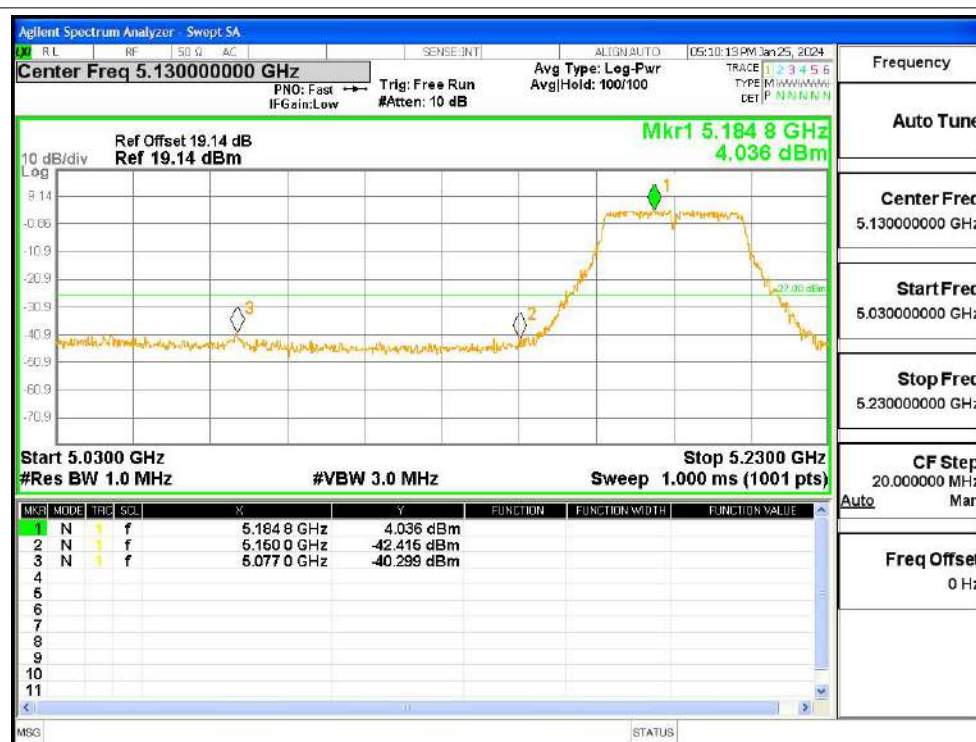
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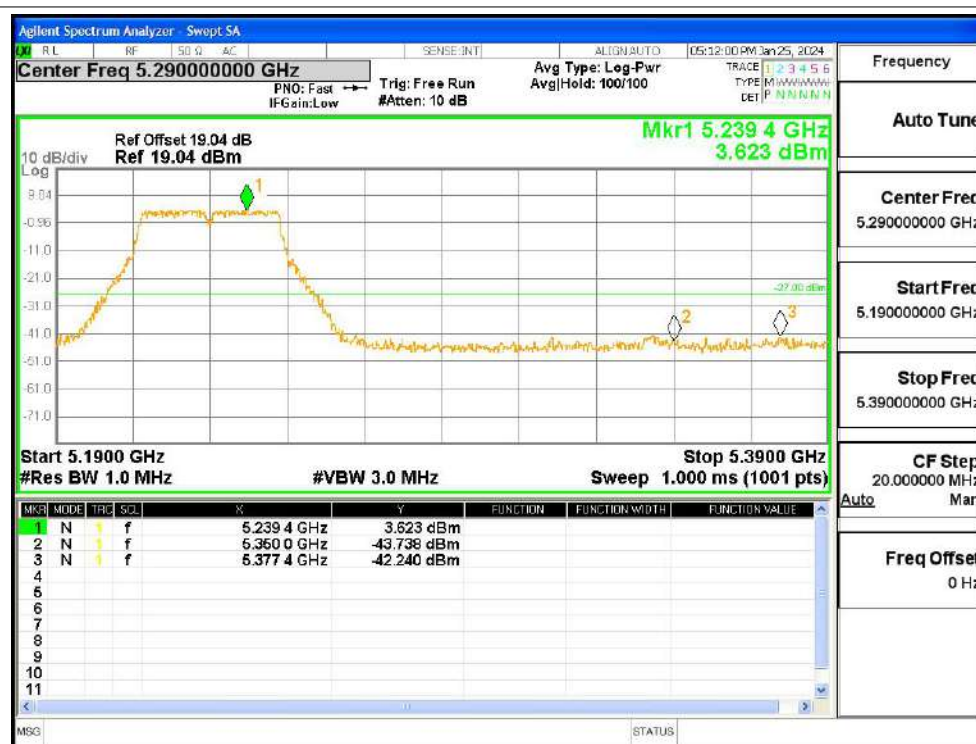
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Band Edge NVNT ac40 5190MHz Low Ant1



Band Edge NVNT ac40 5230MHz High Ant1



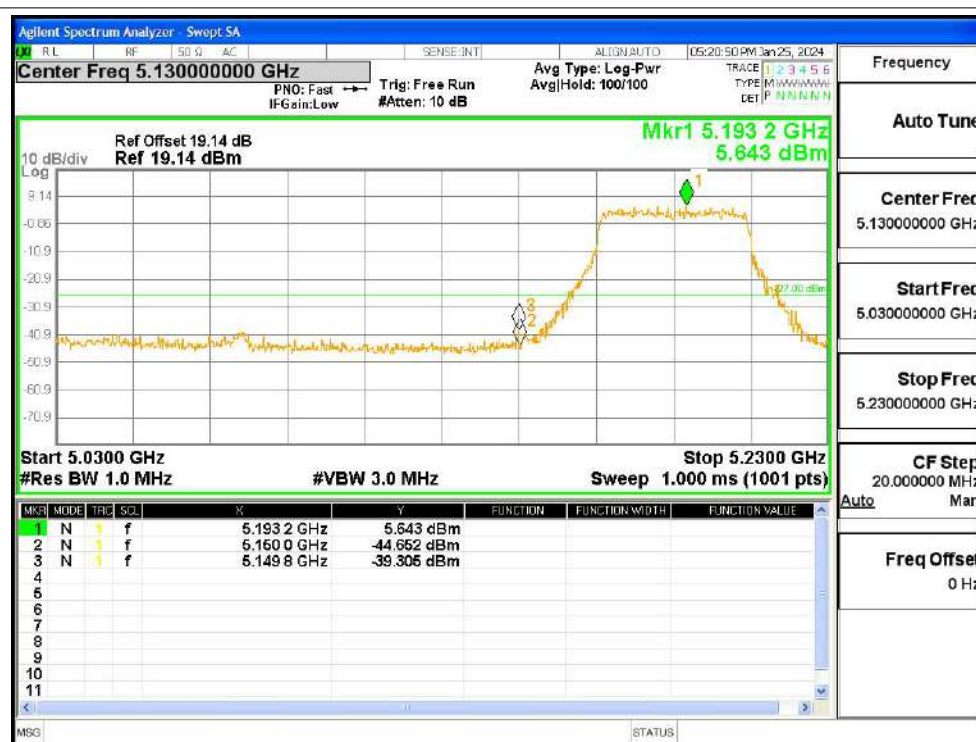
Band Edge NVNT ax20 5180MHz Low Ant1



Band Edge NVNT ax20 5240MHz High Ant1



Band Edge NVNT ax40 5190MHz Low Ant1



Band Edge NVNT ax40 5230MHz High Ant1

