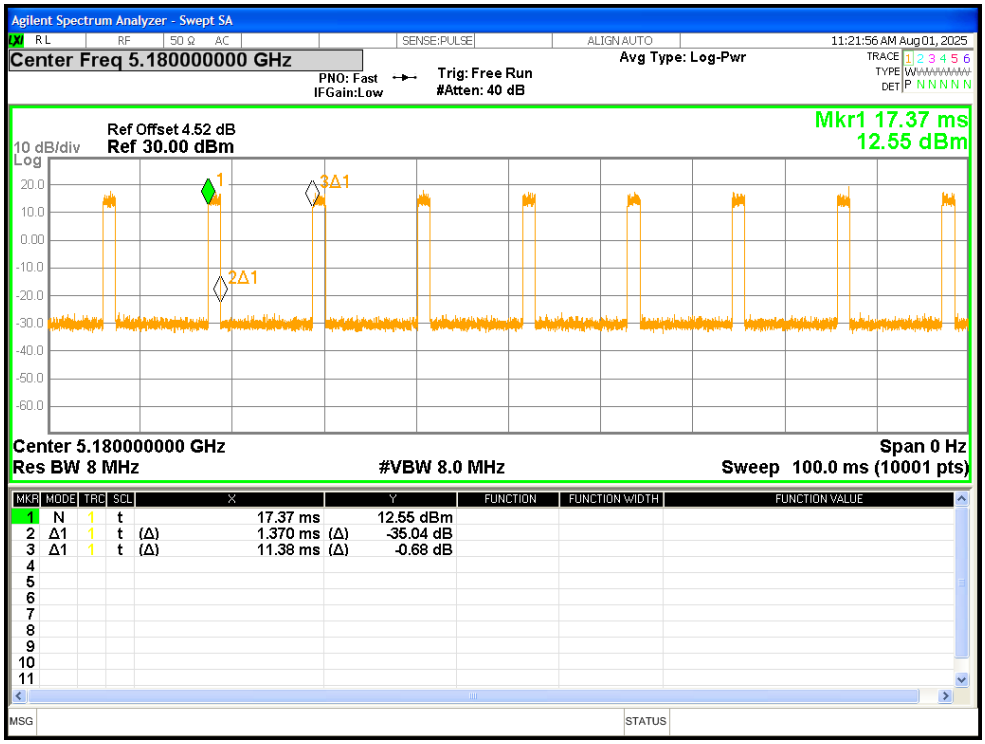
Duty Cycle

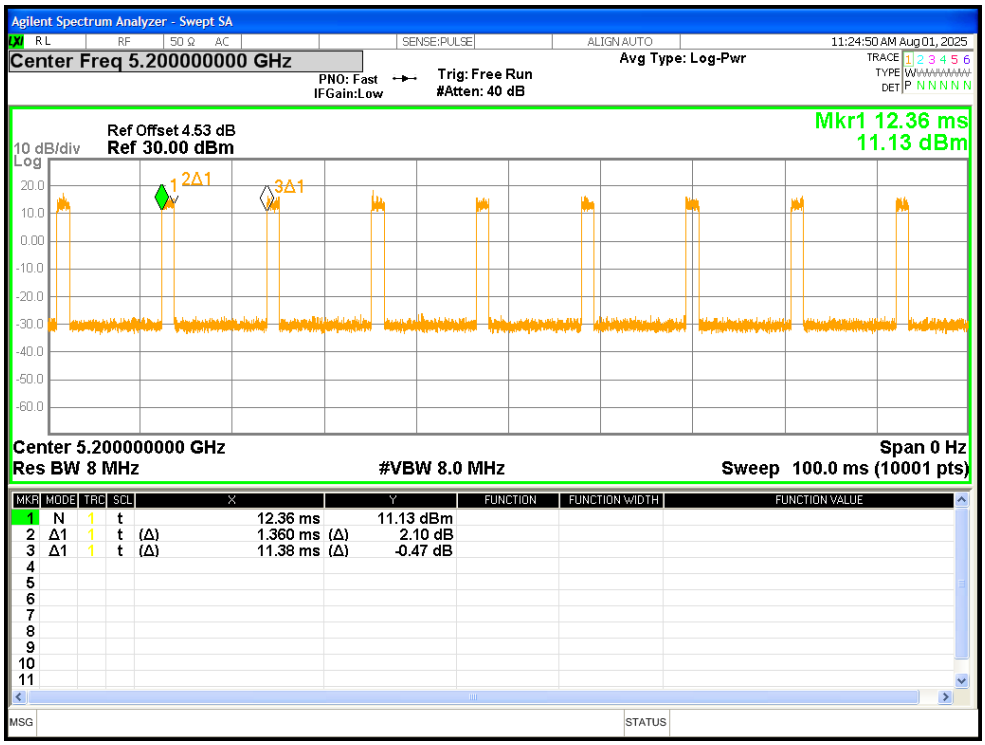
Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	1.37	11.38	12.04	9.19	0.73
NVNT	a	5200	1.36	11.38	11.95	9.23	0.74
NVNT	a	5240	1.36	11.39	11.94	9.23	0.74
NVNT	n20	5180	1.28	11.3	11.33	9.46	0.78
NVNT	n20	5200	1.28	11.29	11.34	9.45	0.78
NVNT	n20	5240	1.28	11.3	11.33	9.46	0.78
NVNT	n40	5190	0.64	10.65	6.01	12.21	1.56
NVNT	n40	5230	0.64	10.66	6	12.22	1.56
NVNT	ac20	5180	1.29	11.3	11.42	9.42	0.78
NVNT	ac20	5200	1.29	11.31	11.41	9.43	0.78
NVNT	ac20	5240	1.28	11.3	11.33	9.46	0.78
NVNT	ac40	5190	0.64	10.66	6	12.22	1.56
NVNT	ac40	5230	0.64	10.66	6	12.22	1.56

Test Graphs

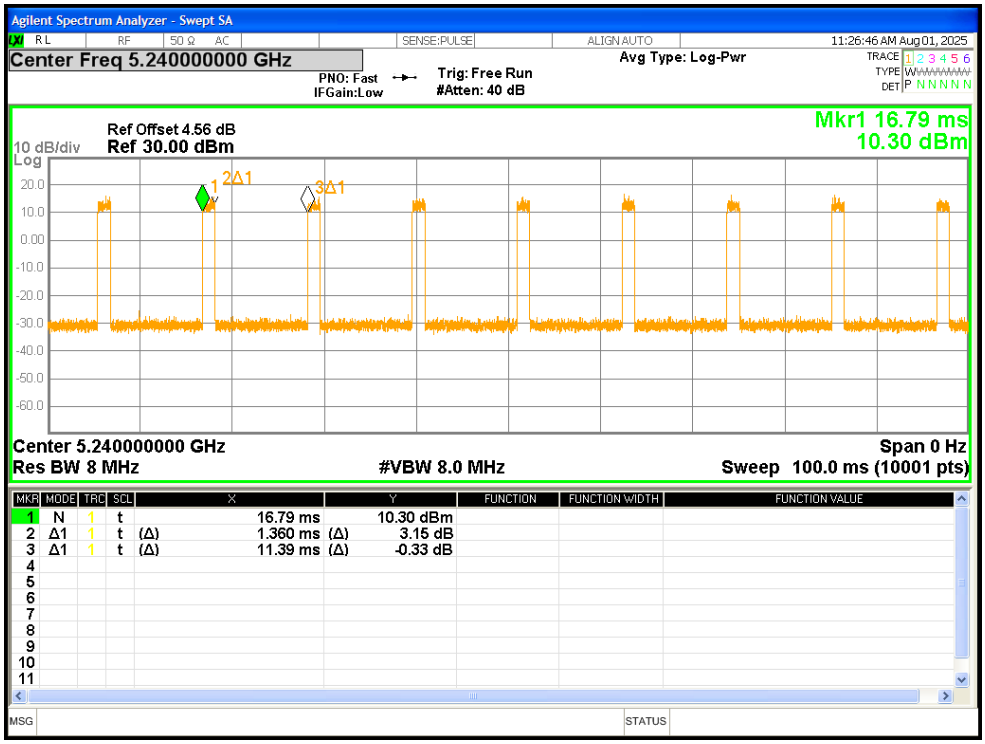
Duty Cycle NVNT a 5180MHz



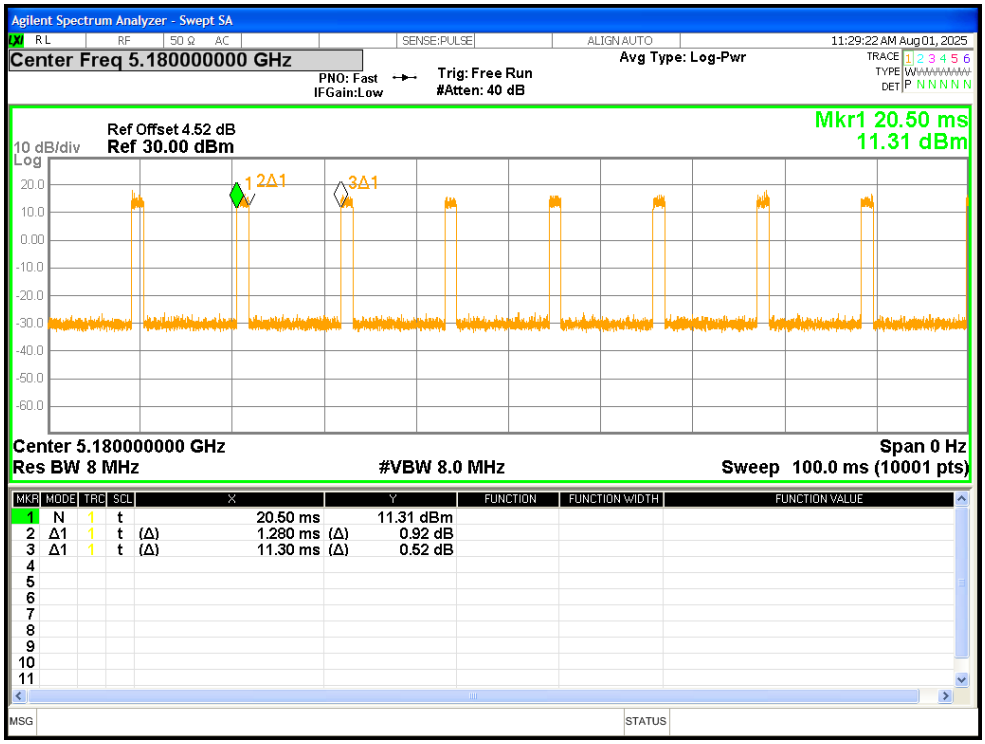
Duty Cycle NVNT a 5200MHz



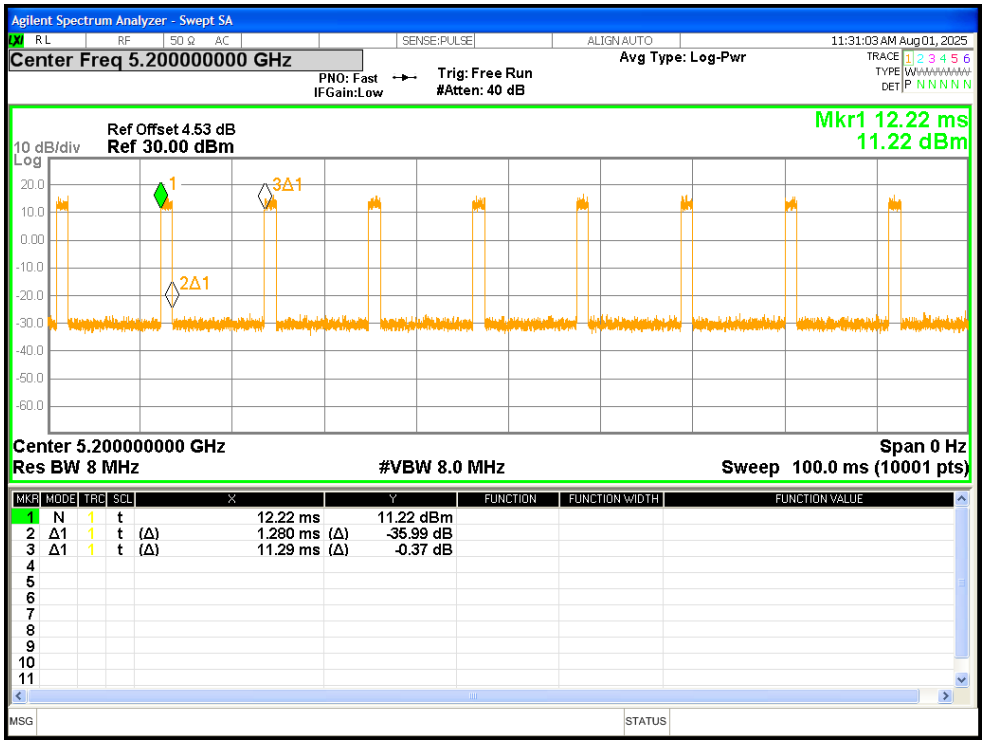
Duty Cycle NVNT a 5240MHz



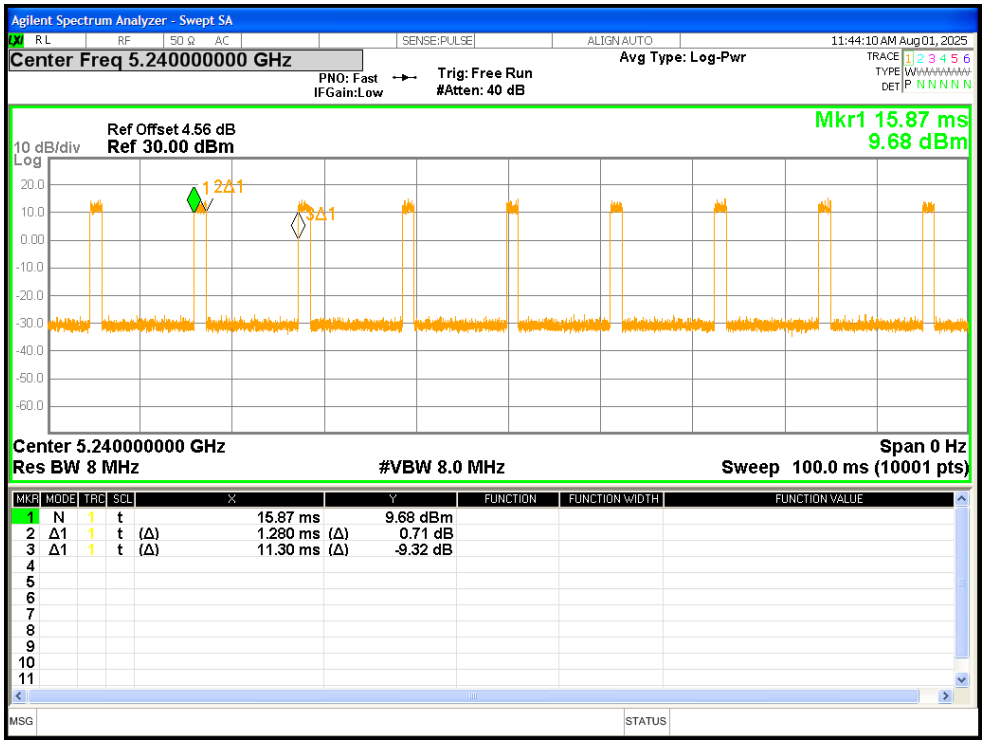
Duty Cycle NVNT n20 5180MHz



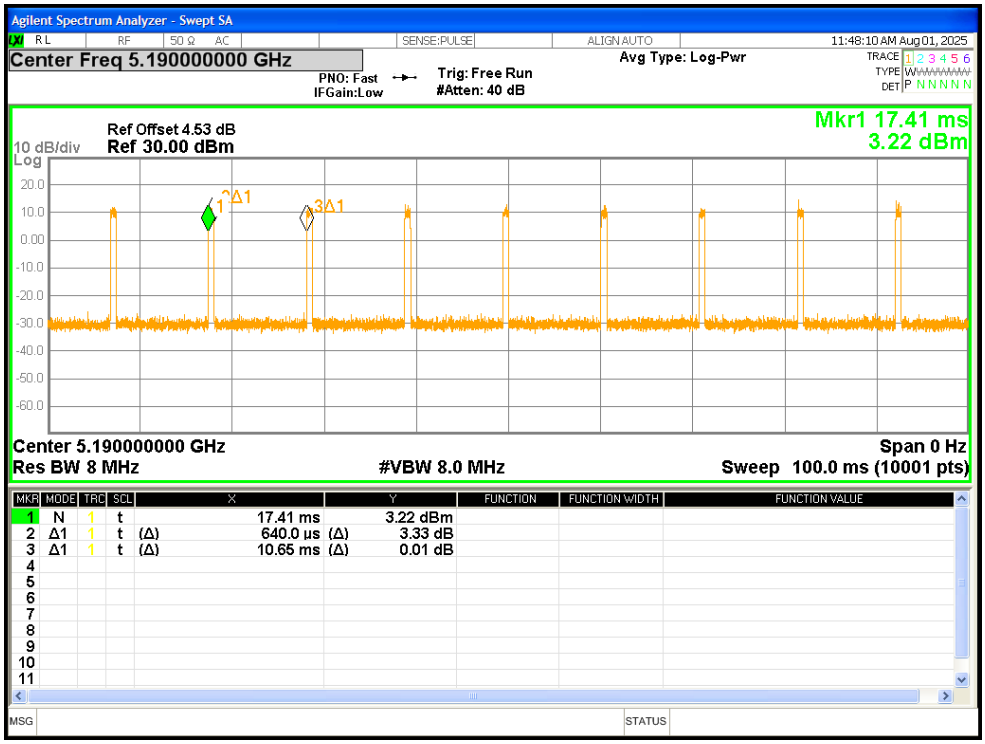
Duty Cycle NVNT n20 5200MHz



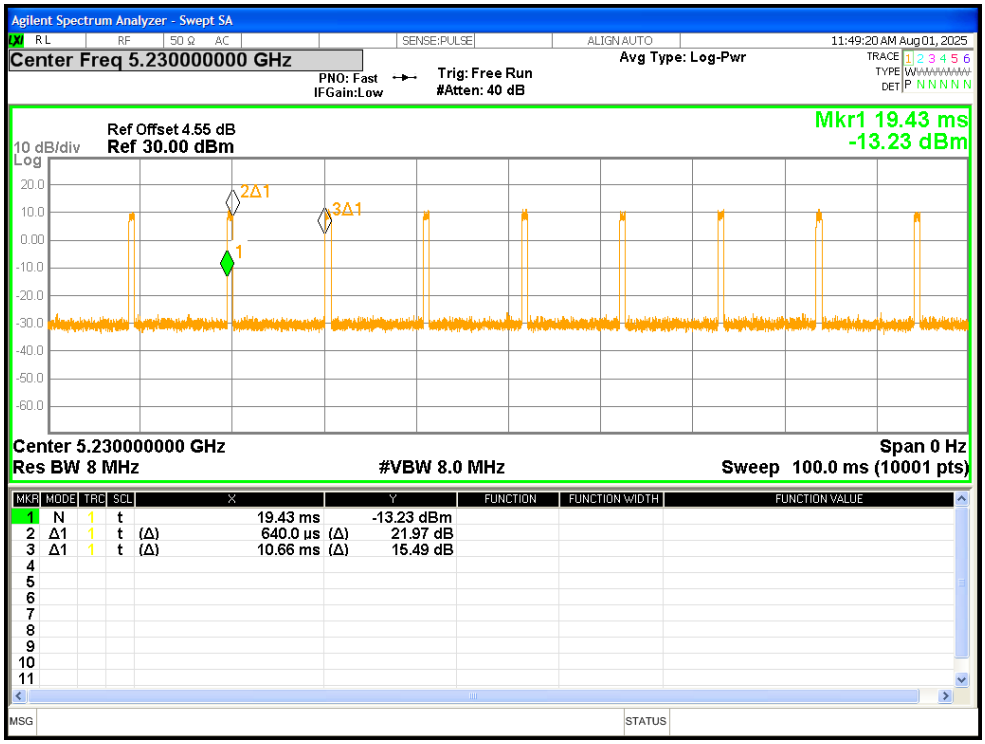
Duty Cycle NVNT n20 5240MHz



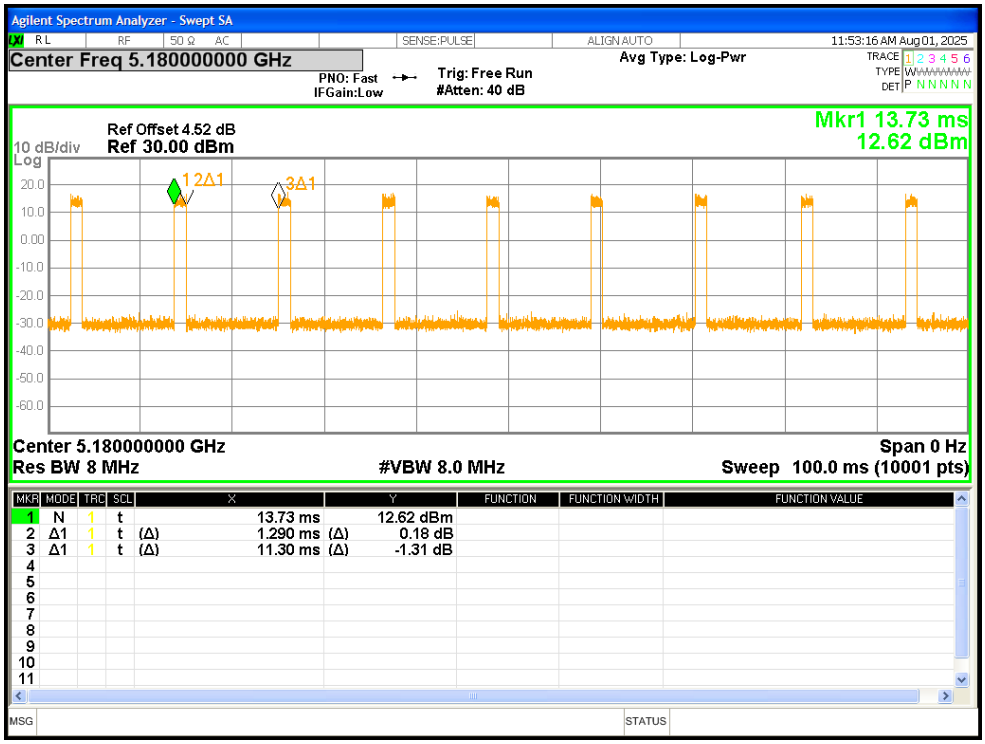
Duty Cycle NVNT n40 5190MHz



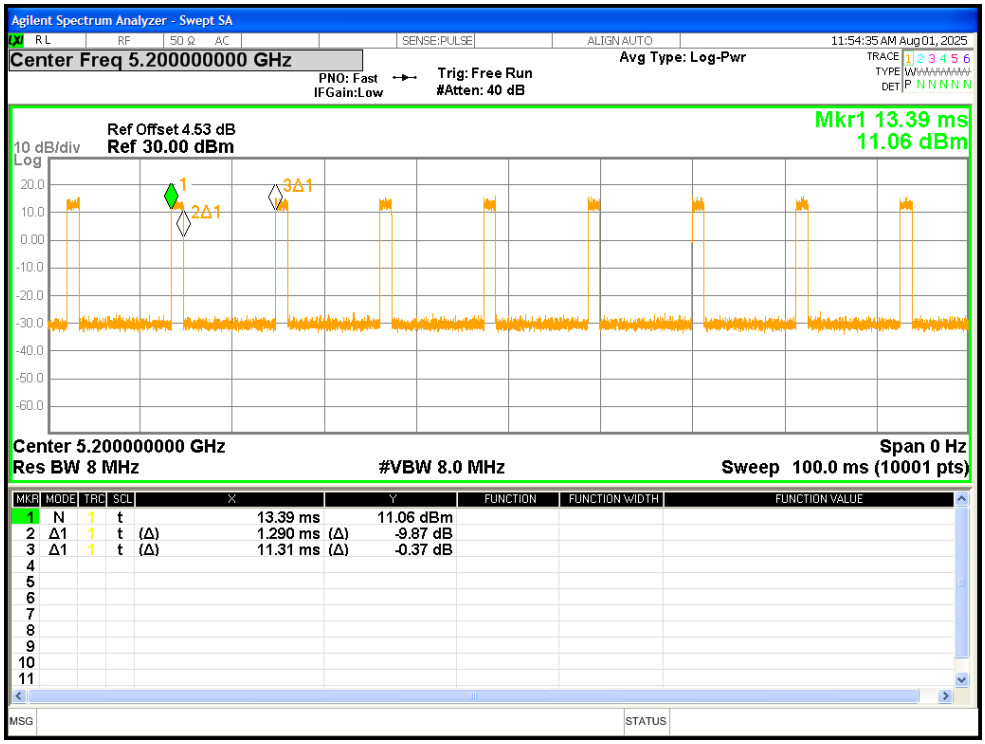
Duty Cycle NVNT n40 5230MHz



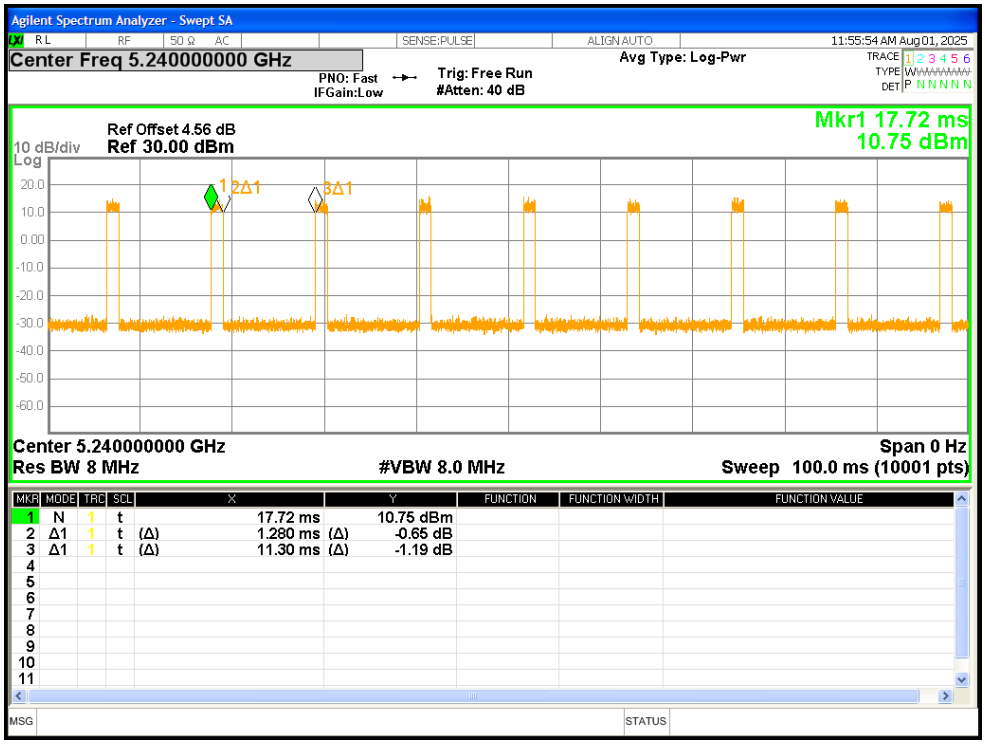
Duty Cycle NVNT ac20 5180MHz



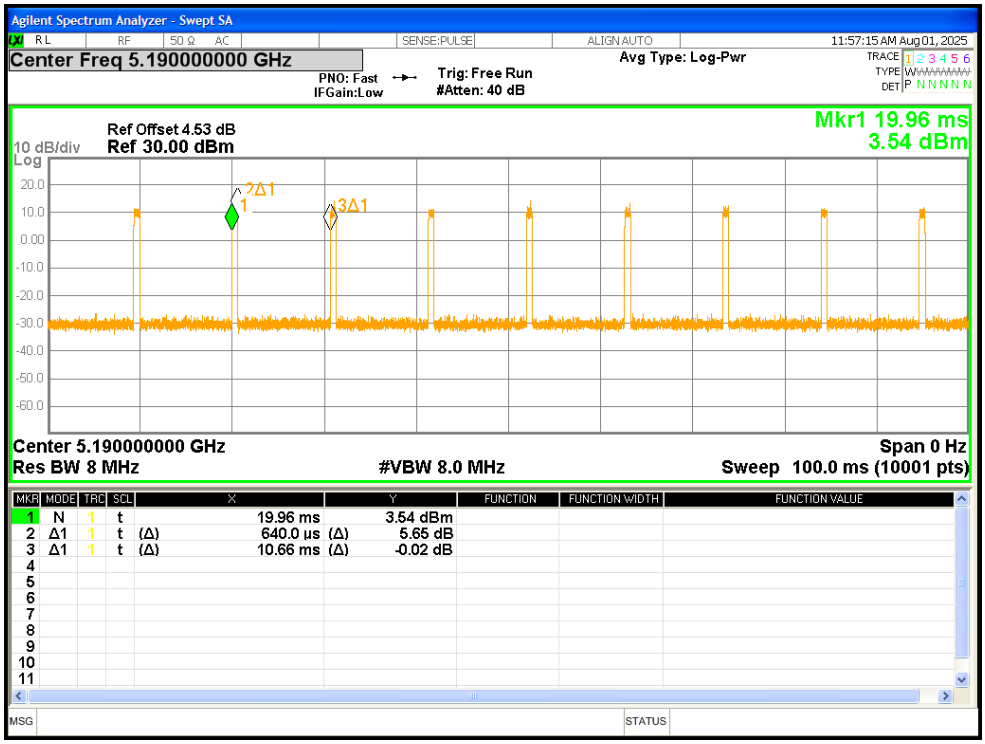
Duty Cycle NVNT ac20 5200MHz



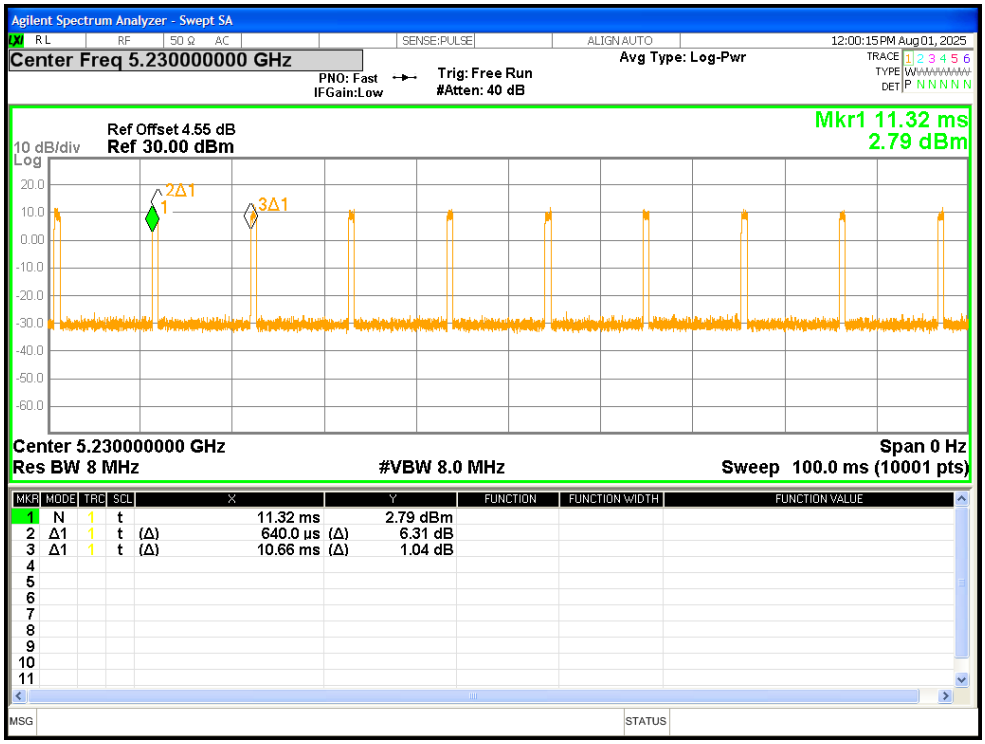
Duty Cycle NVNT ac20 5240MHz



Duty Cycle NVNT ac40 5190MHz



Duty Cycle NVNT ac40 5230MHz

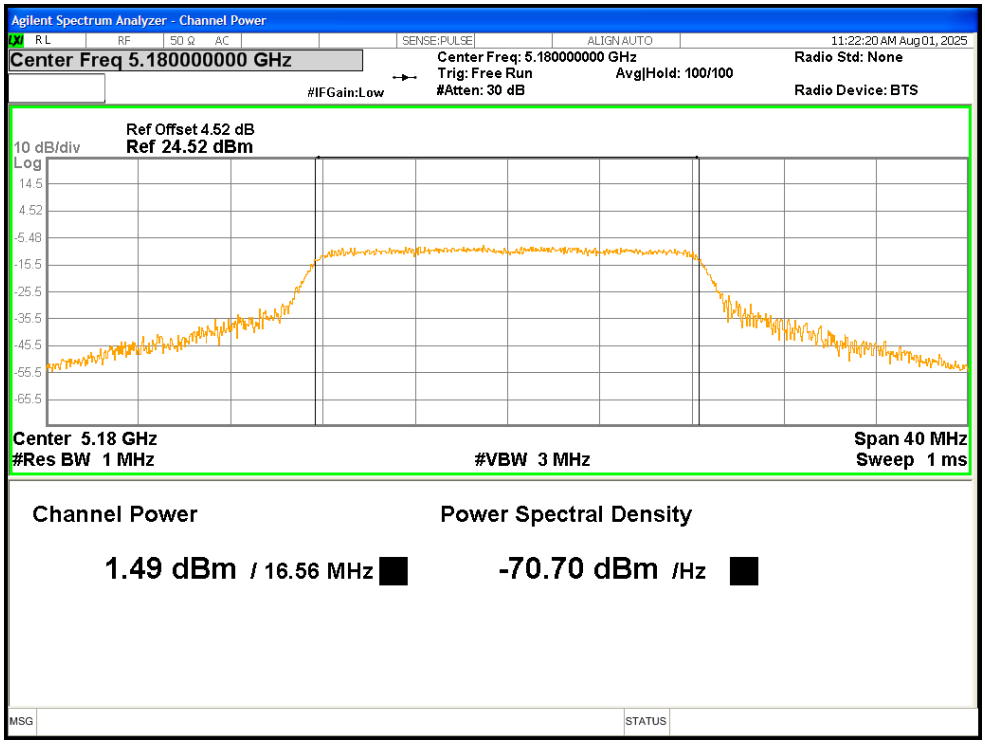


Maximum Conducted Output Power

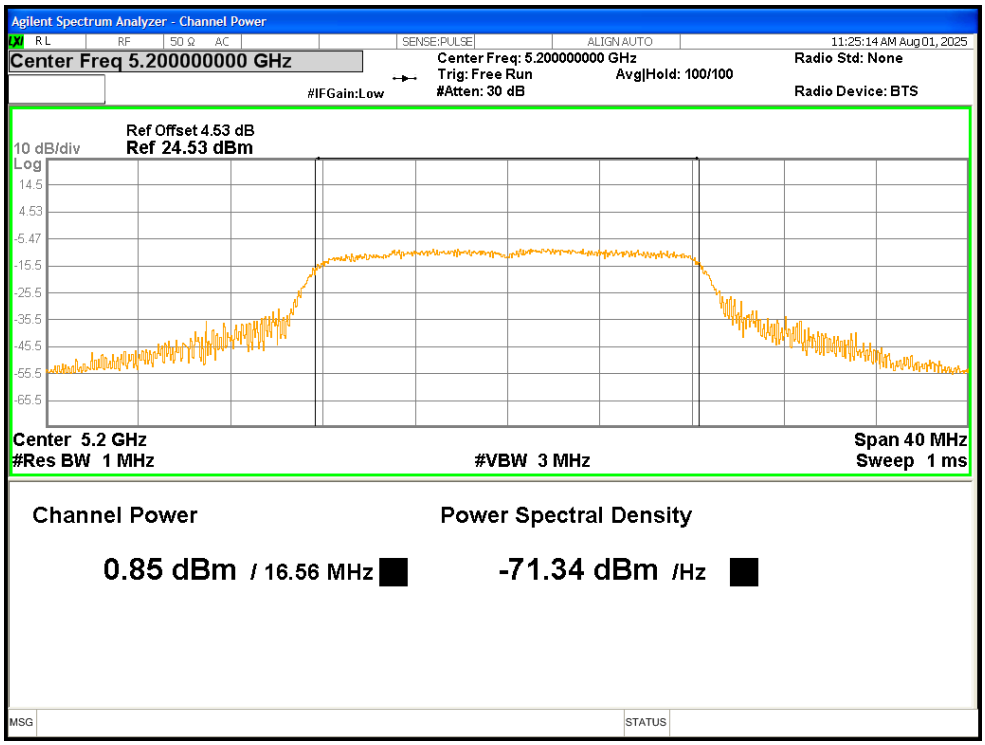
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	1.49	9.19	10.68	<=24	Pass
NVNT	a	5200	0.85	9.23	10.08	<=24	Pass
NVNT	a	5240	-0.24	9.23	8.99	<=24	Pass
NVNT	n20	5180	0.57	9.46	10.03	<=24	Pass
NVNT	n20	5200	-0.49	9.45	8.96	<=24	Pass
NVNT	n20	5240	-0.91	9.46	8.55	<=24	Pass
NVNT	n40	5190	-1.25	12.21	10.96	<=24	Pass
NVNT	n40	5230	-3.04	12.22	9.18	<=24	Pass
NVNT	ac20	5180	1.29	9.42	10.71	<=24	Pass
NVNT	ac20	5200	0.83	9.43	10.26	<=24	Pass
NVNT	ac20	5240	-0.27	9.46	9.19	<=24	Pass
NVNT	ac40	5190	-2.06	12.22	10.16	<=24	Pass
NVNT	ac40	5230	-2.28	12.22	9.94	<=24	Pass

Test Graphs

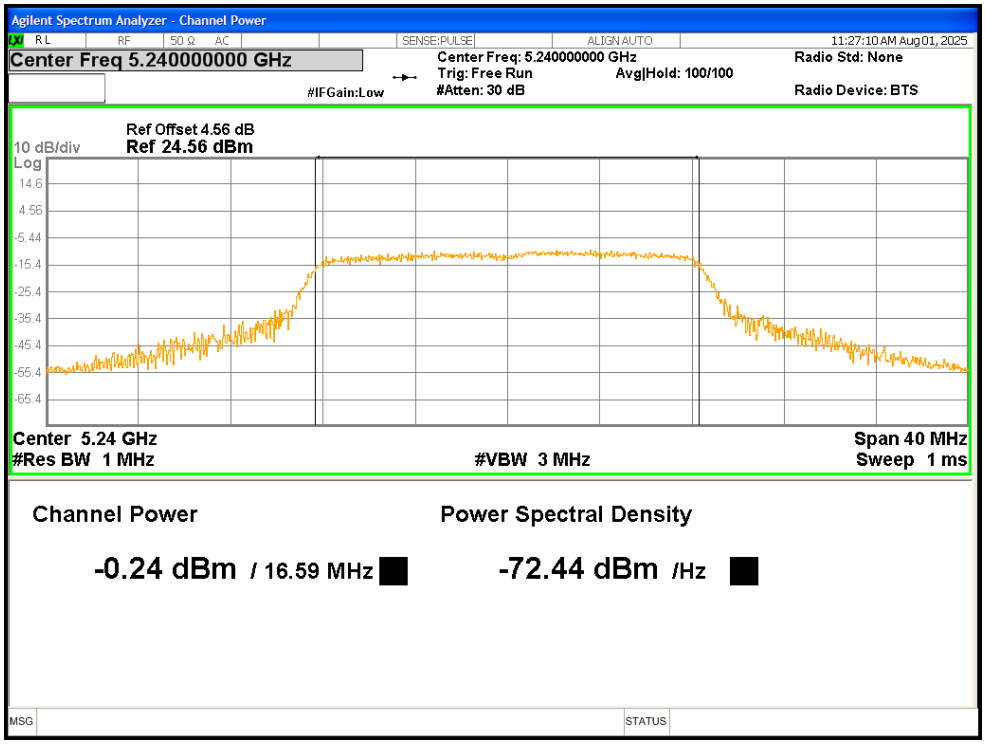
Power NVNT a 5180MHz



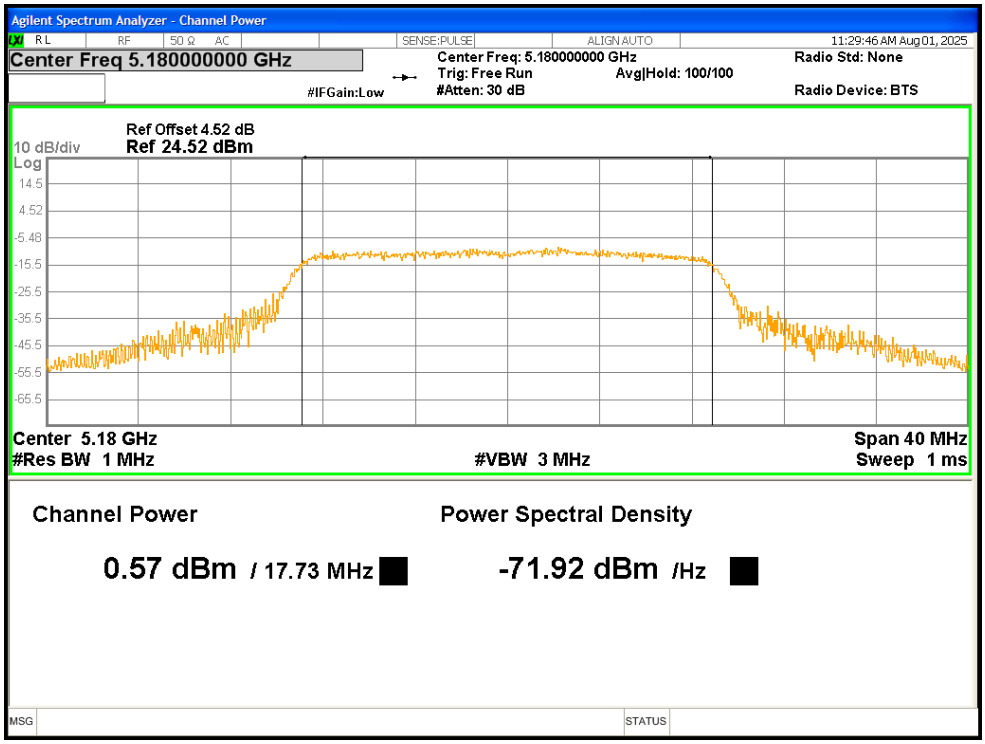
Power NVNT a 5200MHz



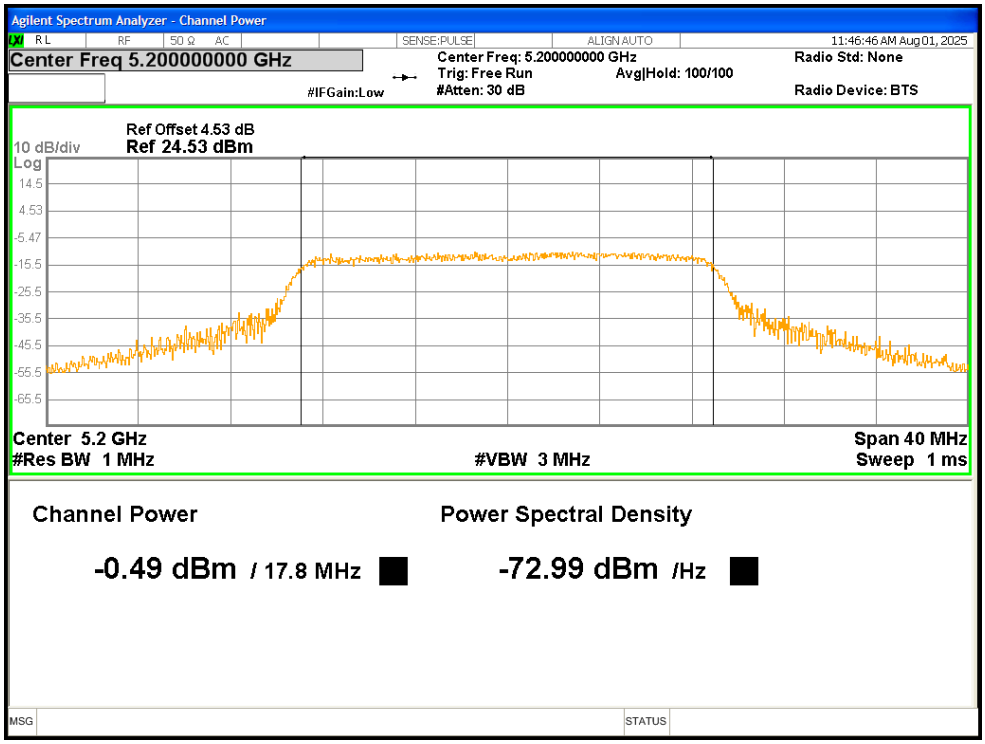
Power NVNT a 5240MHz



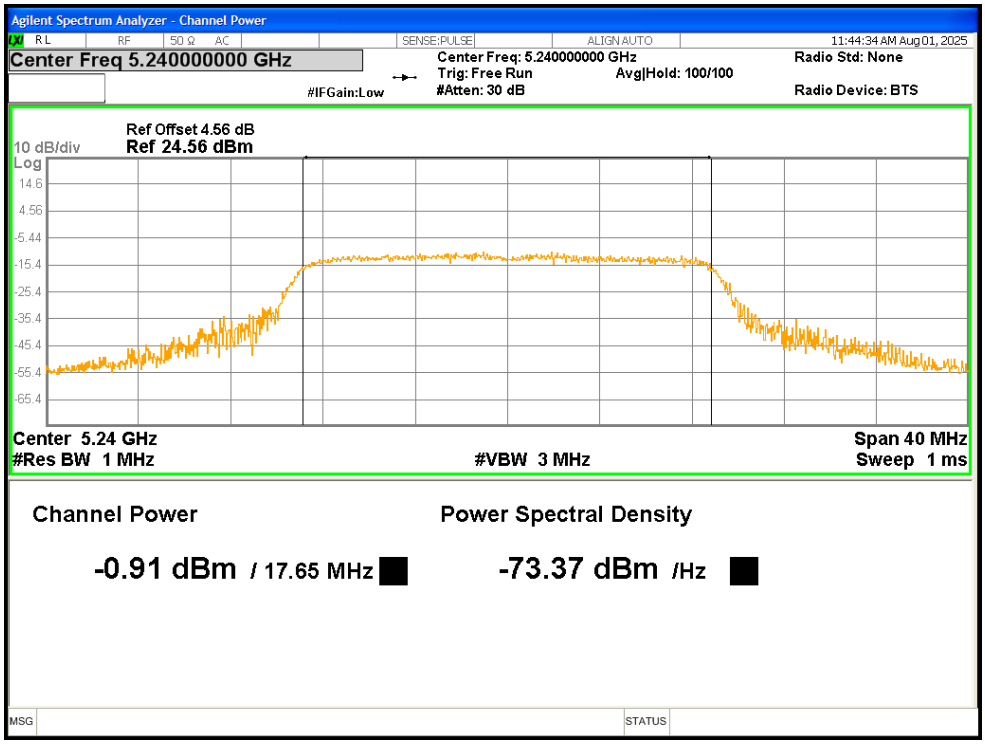
Power NVNT n20 5180MHz



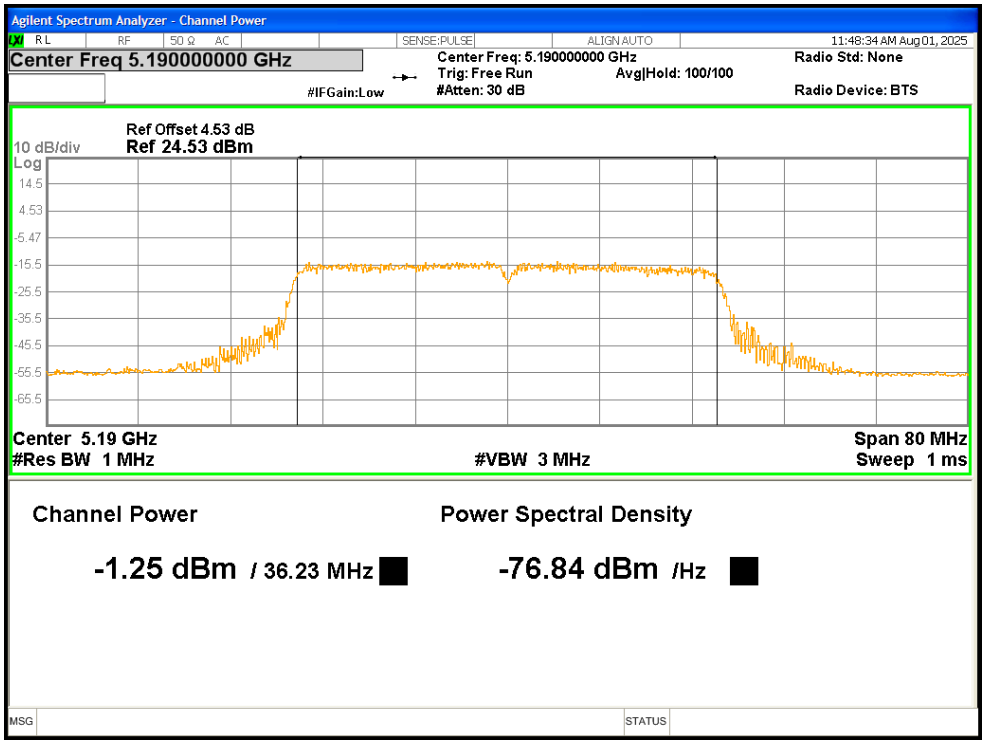
Power NVNT n20 5200MHz



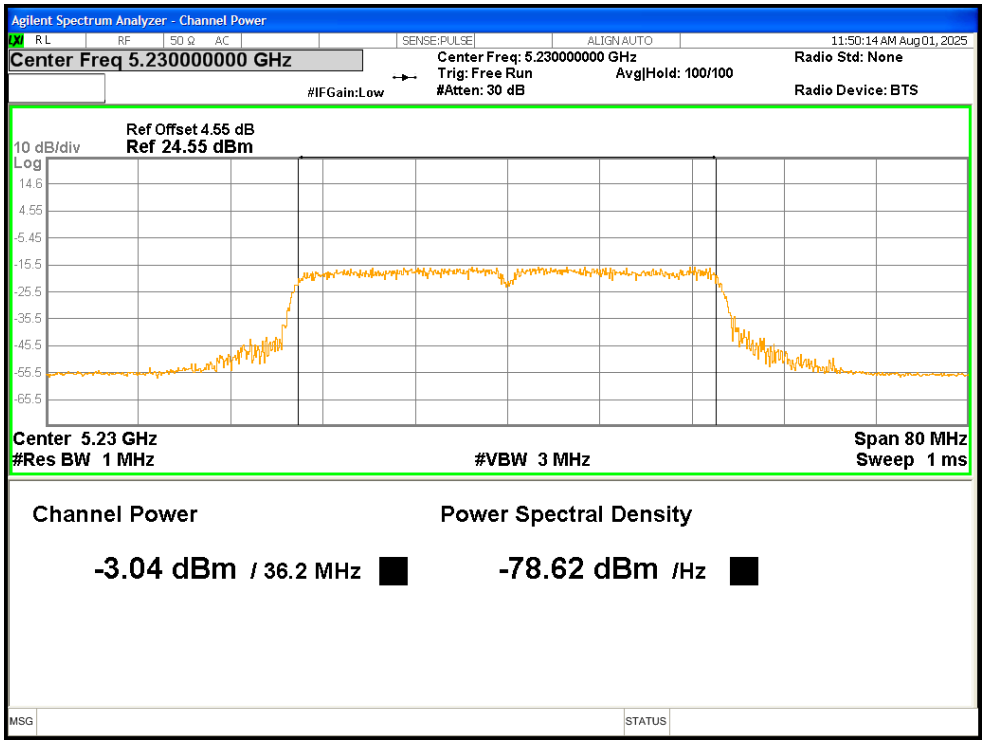
Power NVNT n20 5240MHz



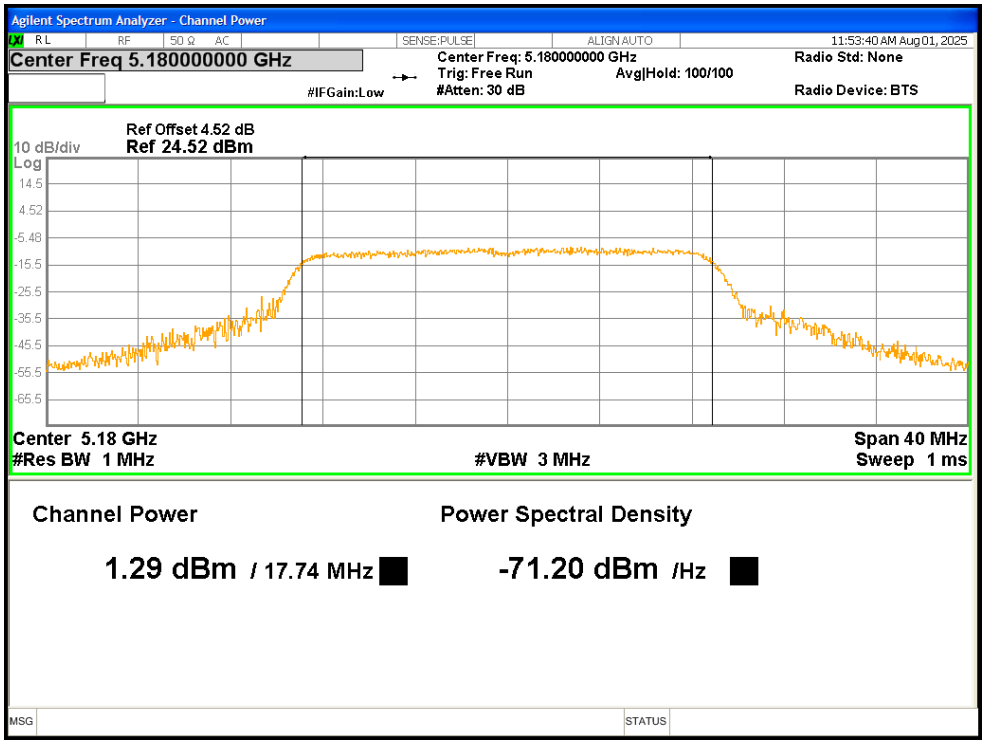
Power NVNT n40 5190MHz



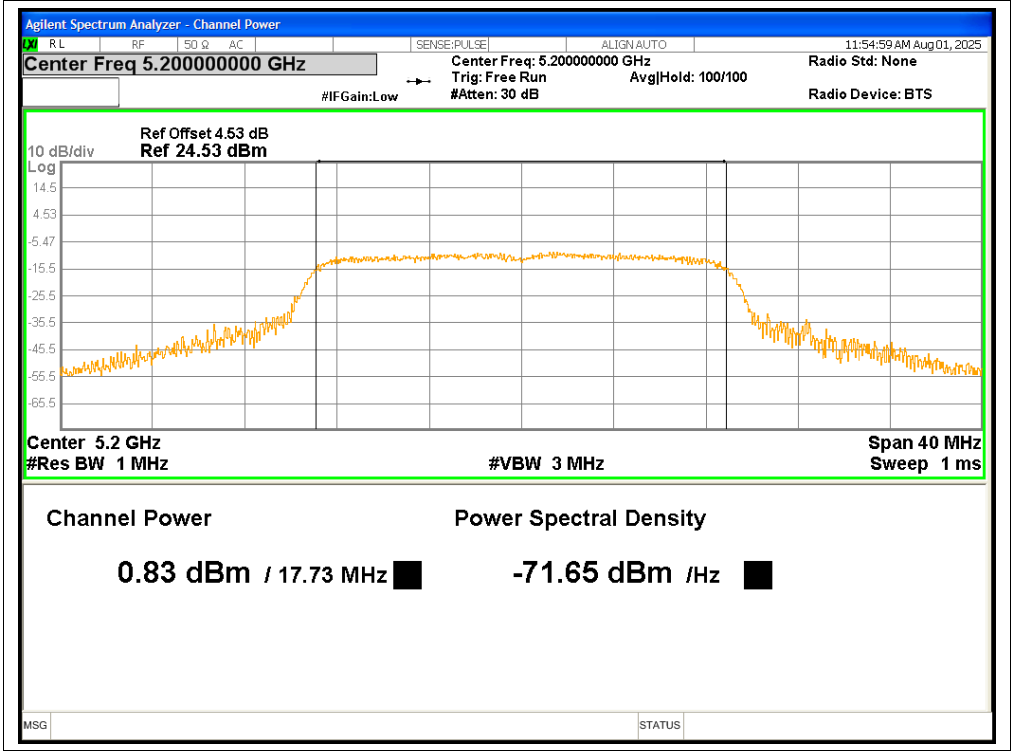
Power NVNT n40 5230MHz



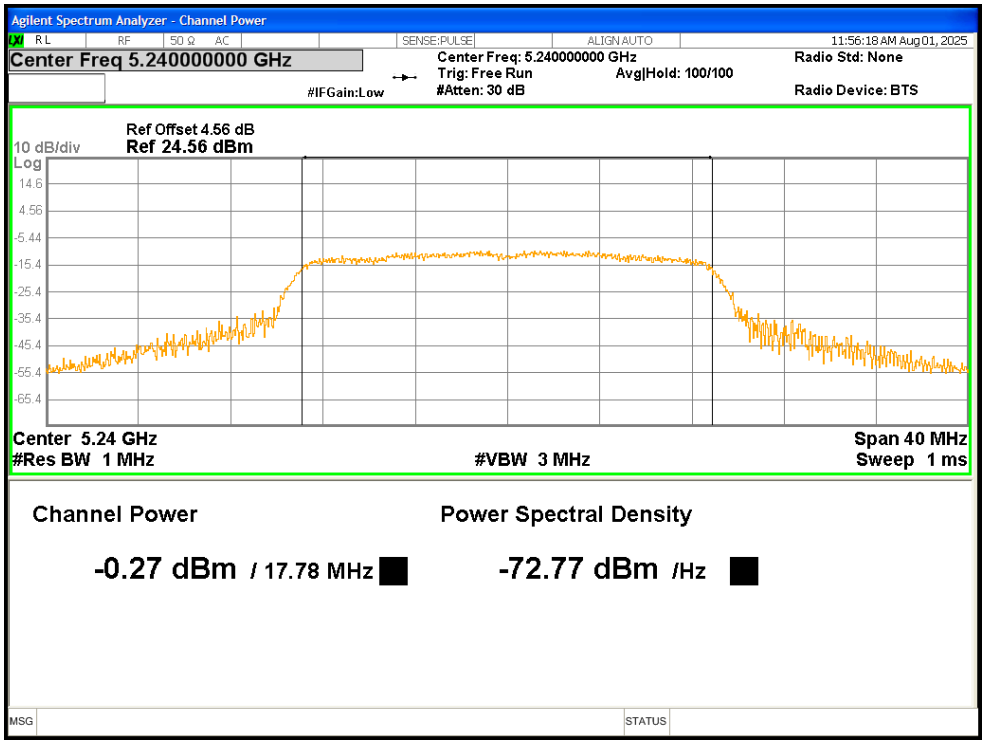
Power NVNT ac20 5180MHz



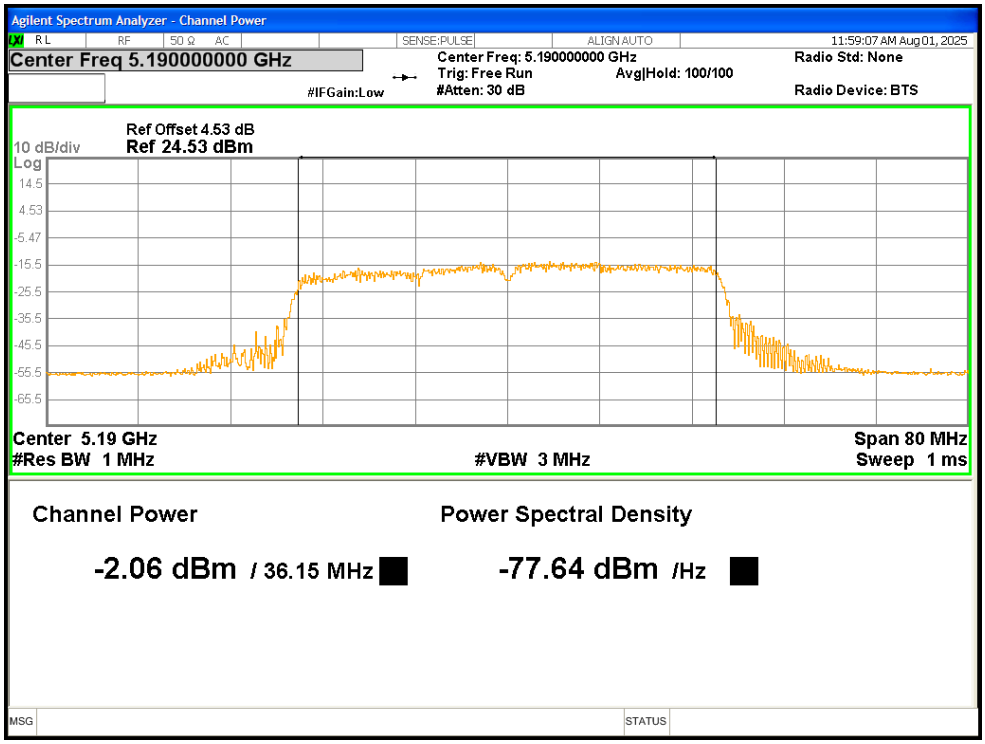
Power NVNT ac20 5200MHz



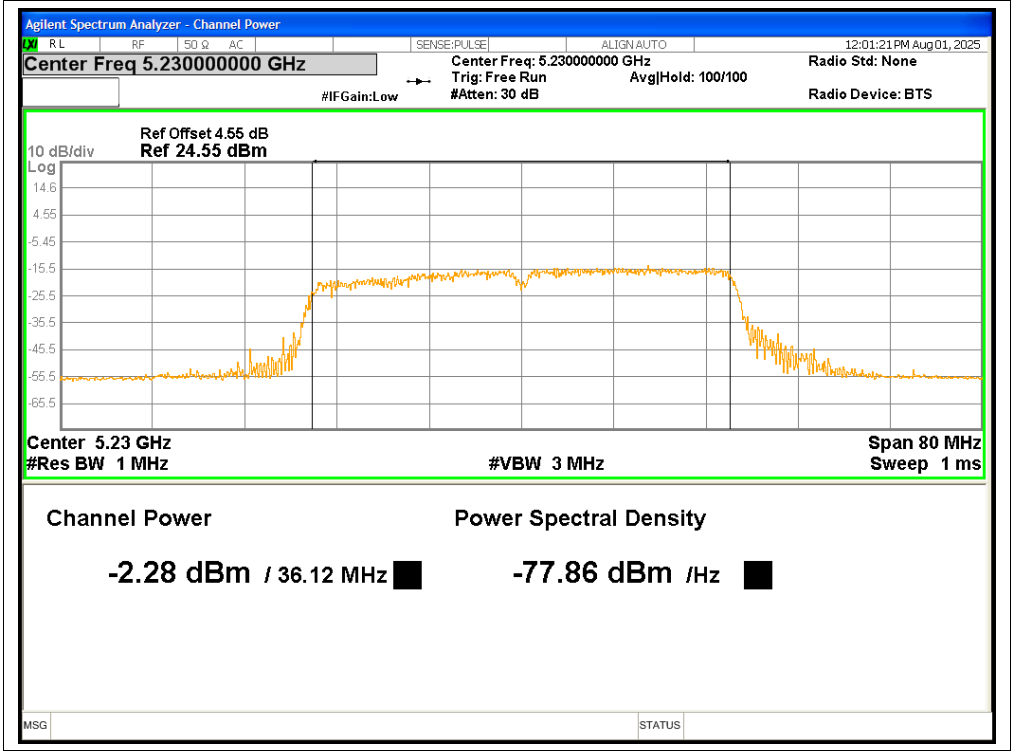
Power NVNT ac20 5240MHz



Power NVNT ac40 5190MHz



Power NVNT ac40 5230MHz

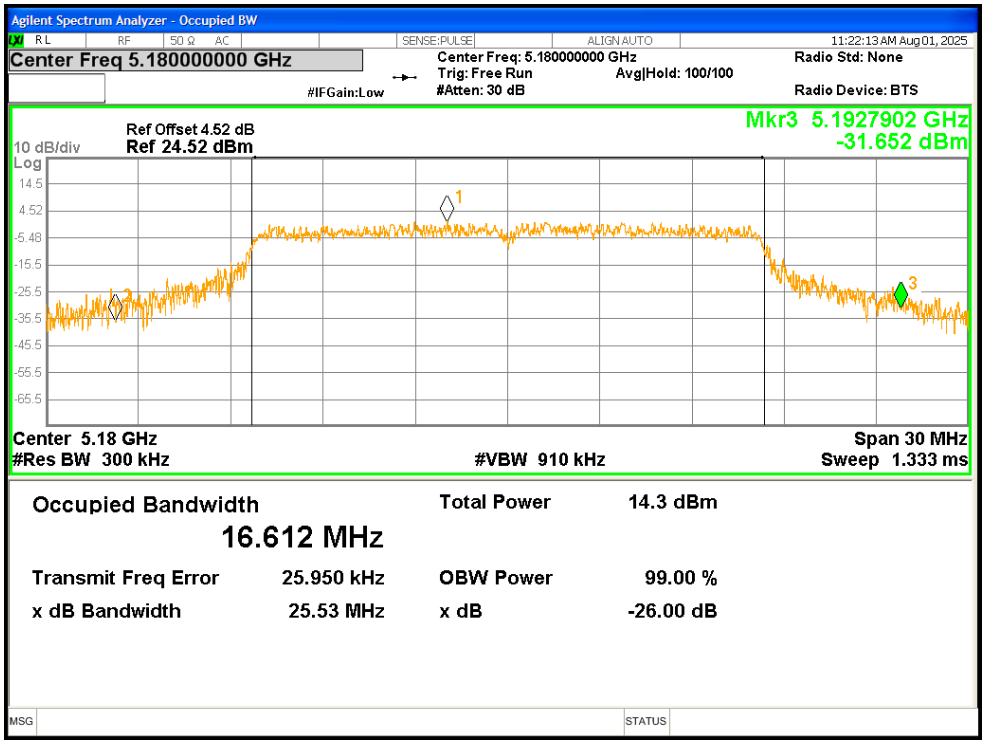


-26dB Bandwidth

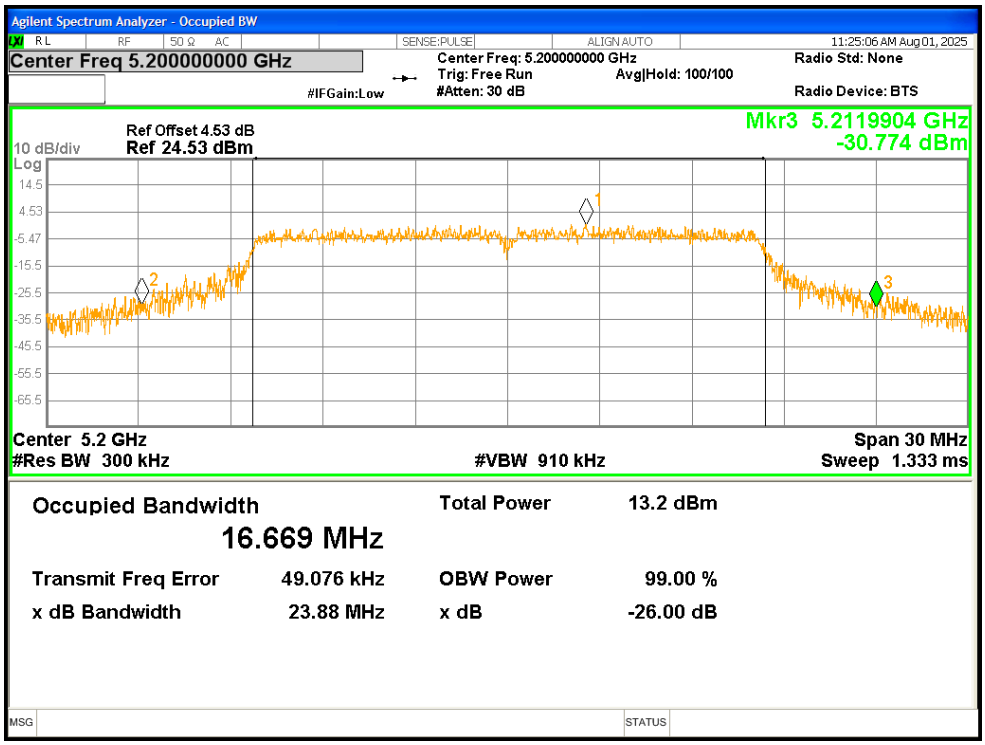
Condition	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	25.5285	Pass
NVNT	a	5200	23.8826	Pass
NVNT	a	5240	24.1761	Pass
NVNT	n20	5180	24.9247	Pass
NVNT	n20	5200	26.0023	Pass
NVNT	n20	5240	25.0171	Pass
NVNT	n40	5190	45.0305	Pass
NVNT	n40	5230	45.2464	Pass
NVNT	ac20	5180	24.6575	Pass
NVNT	ac20	5200	25.9872	Pass
NVNT	ac20	5240	25.643	Pass
NVNT	ac40	5190	44.2106	Pass
NVNT	ac40	5230	46.0146	Pass

Test Graphs

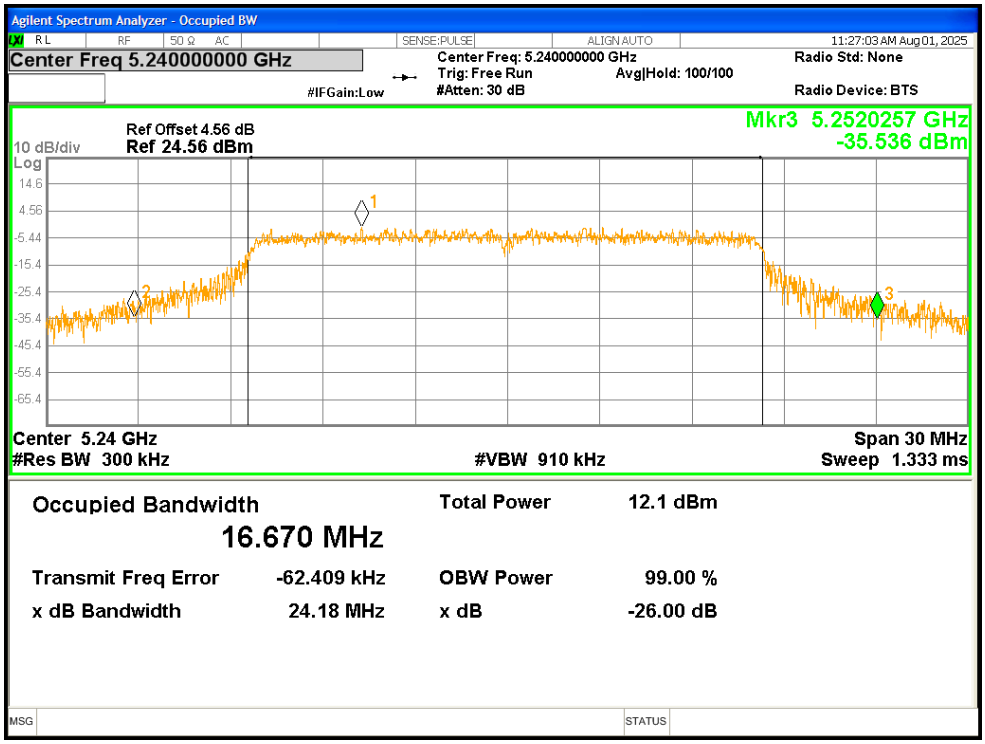
-26dB Bandwidth NVNT a 5180MHz



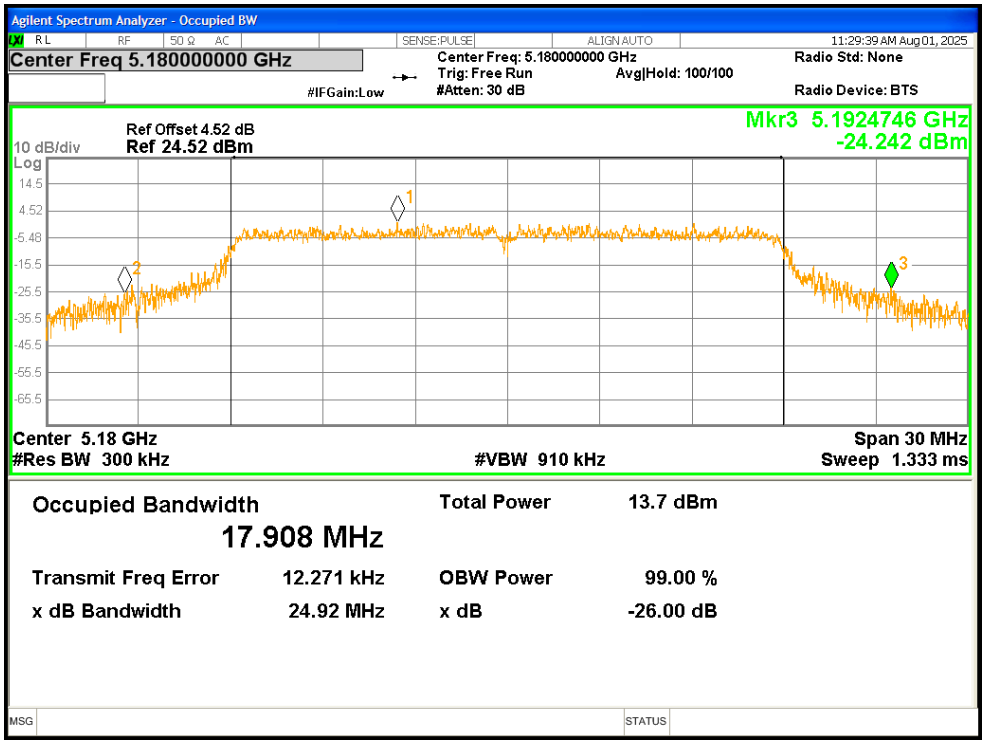
-26dB Bandwidth NVNT a 5200MHz



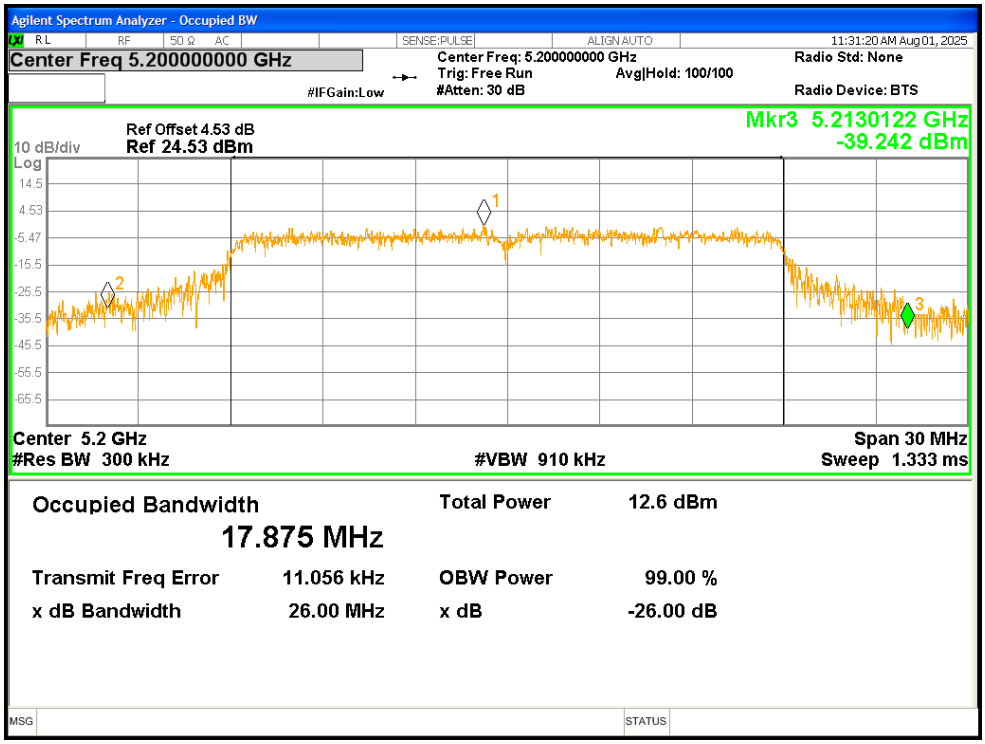
-26dB Bandwidth NVNT a 5240MHz



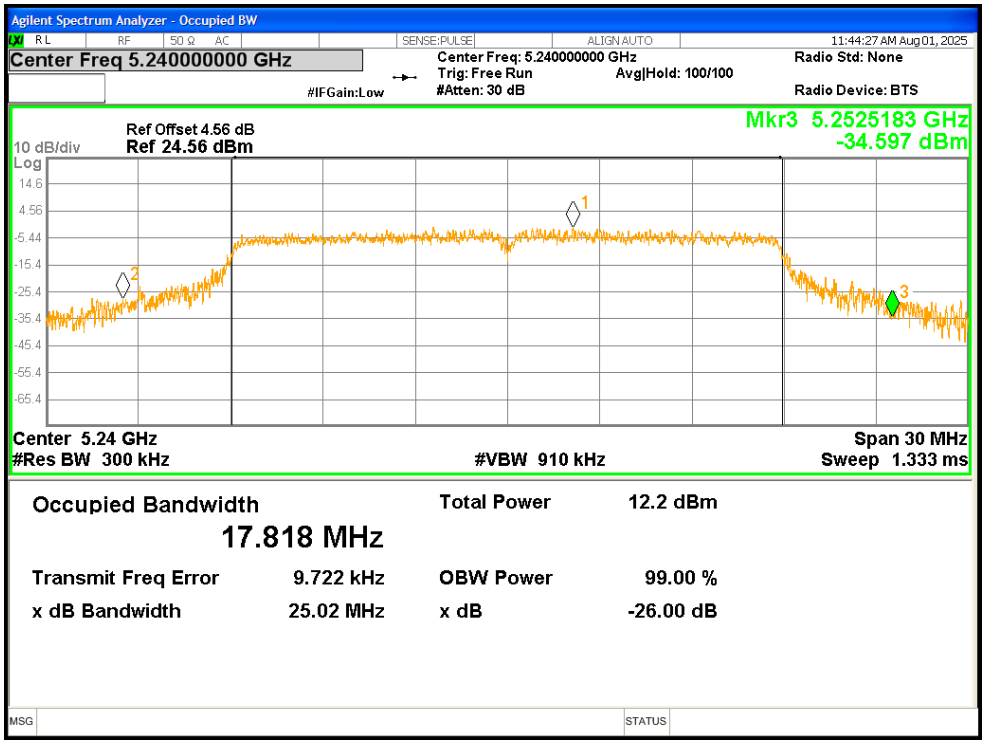
-26dB Bandwidth NVNT n20 5180MHz



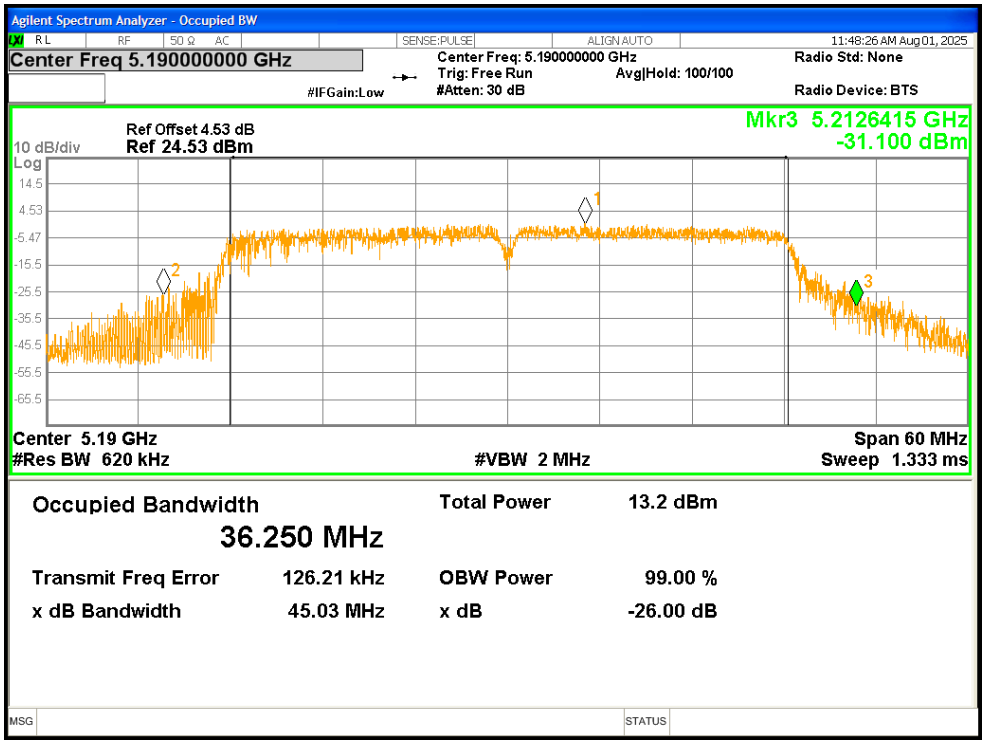
-26dB Bandwidth NVNT n20 5200MHz



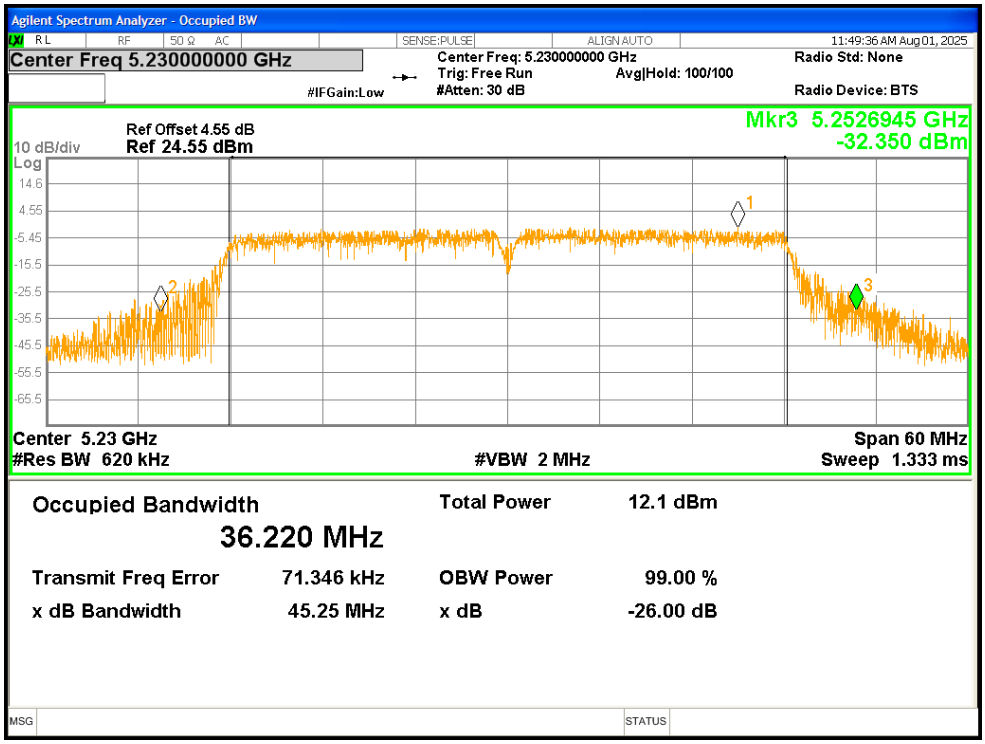
-26dB Bandwidth NVNT n20 5240MHz



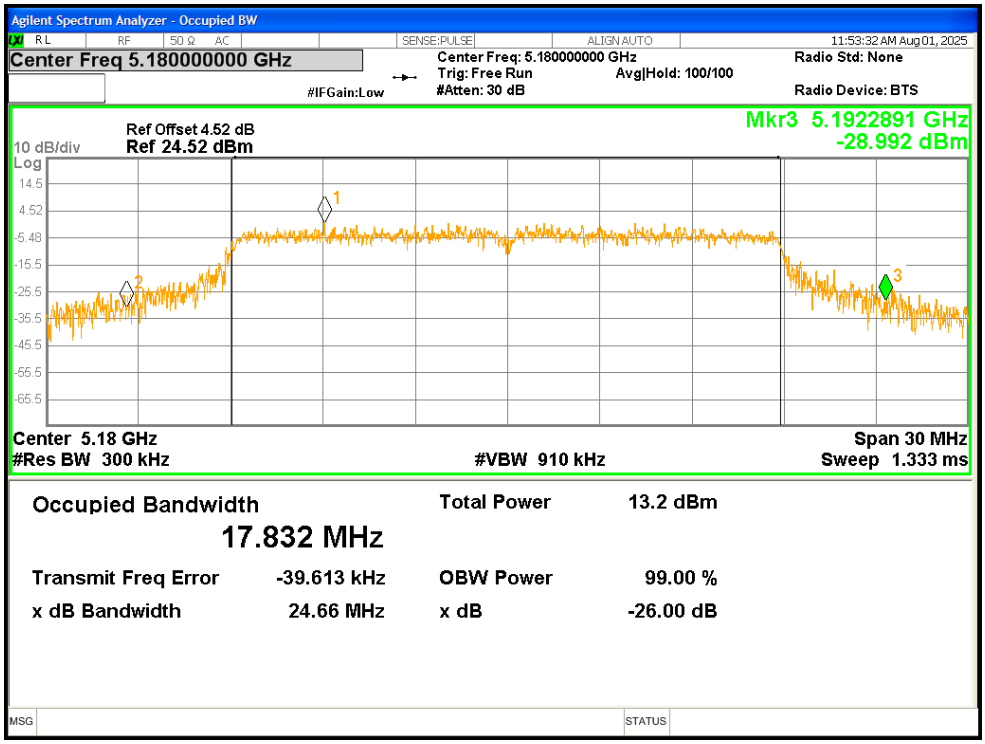
-26dB Bandwidth NVNT n40 5190MHz



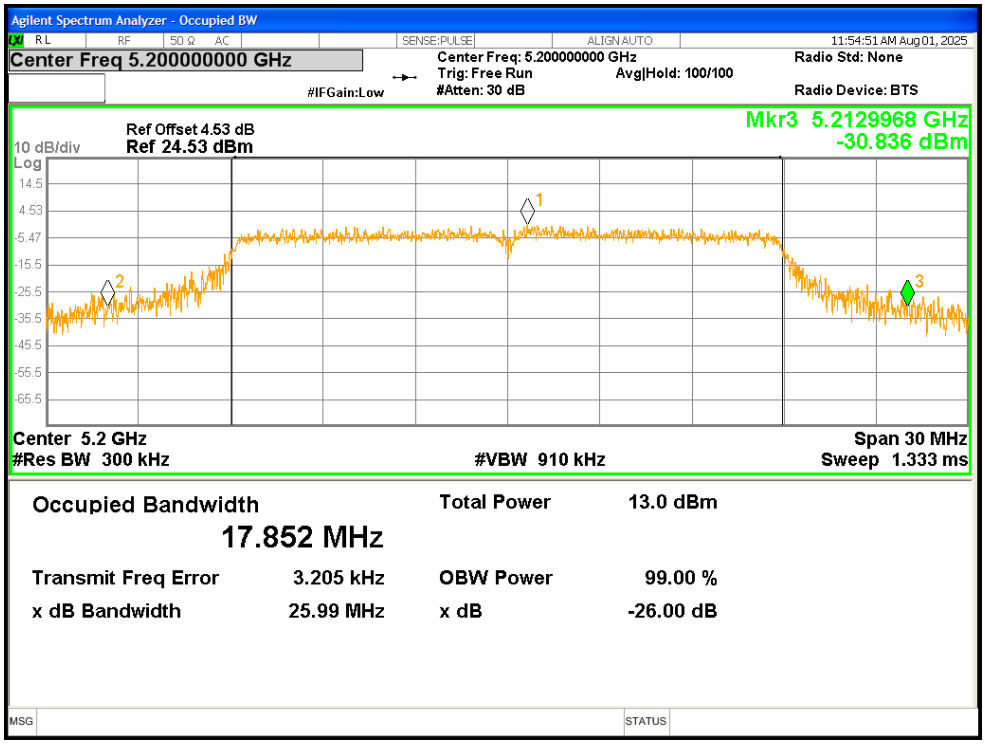
-26dB Bandwidth NVNT n40 5230MHz



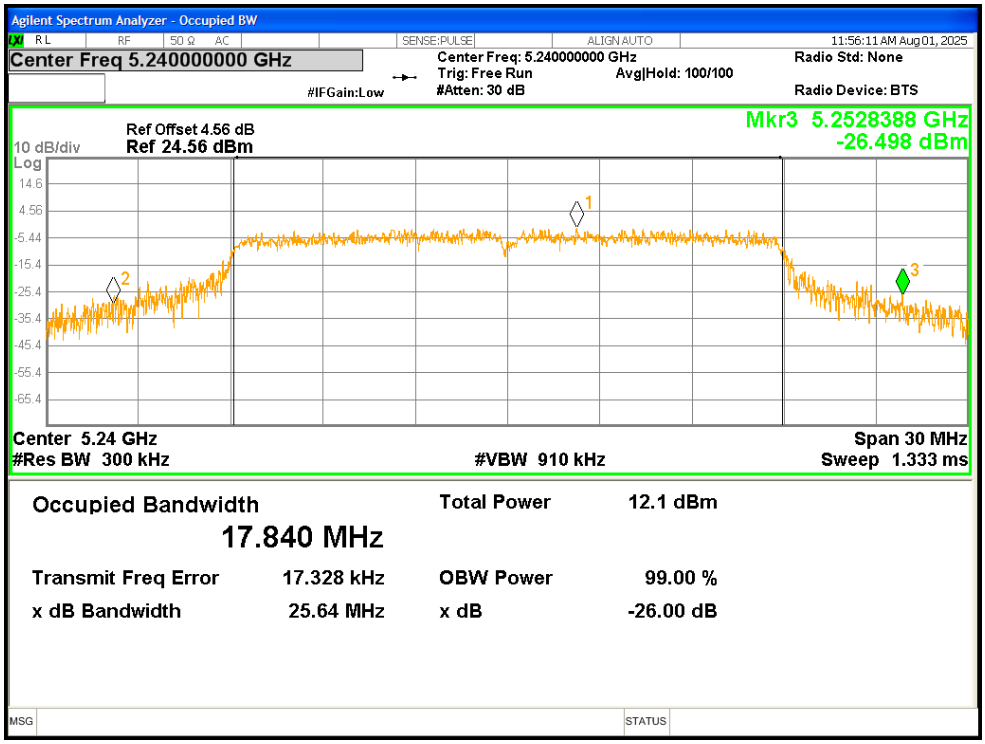
-26dB Bandwidth NVNT ac20 5180MHz



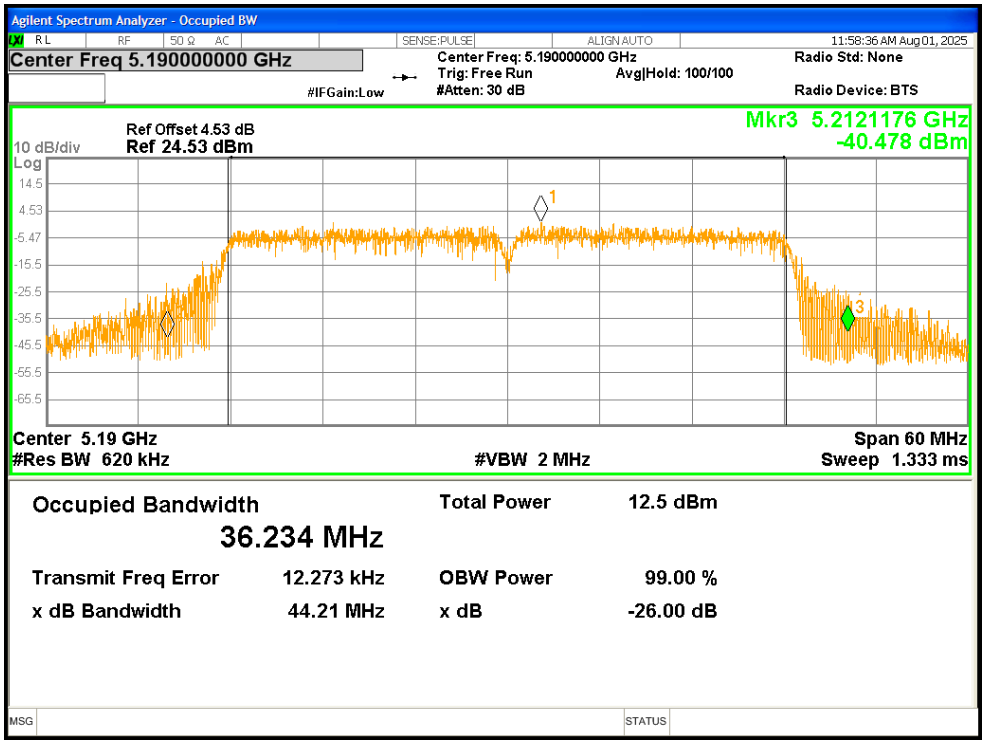
-26dB Bandwidth NVNT ac20 5200MHz



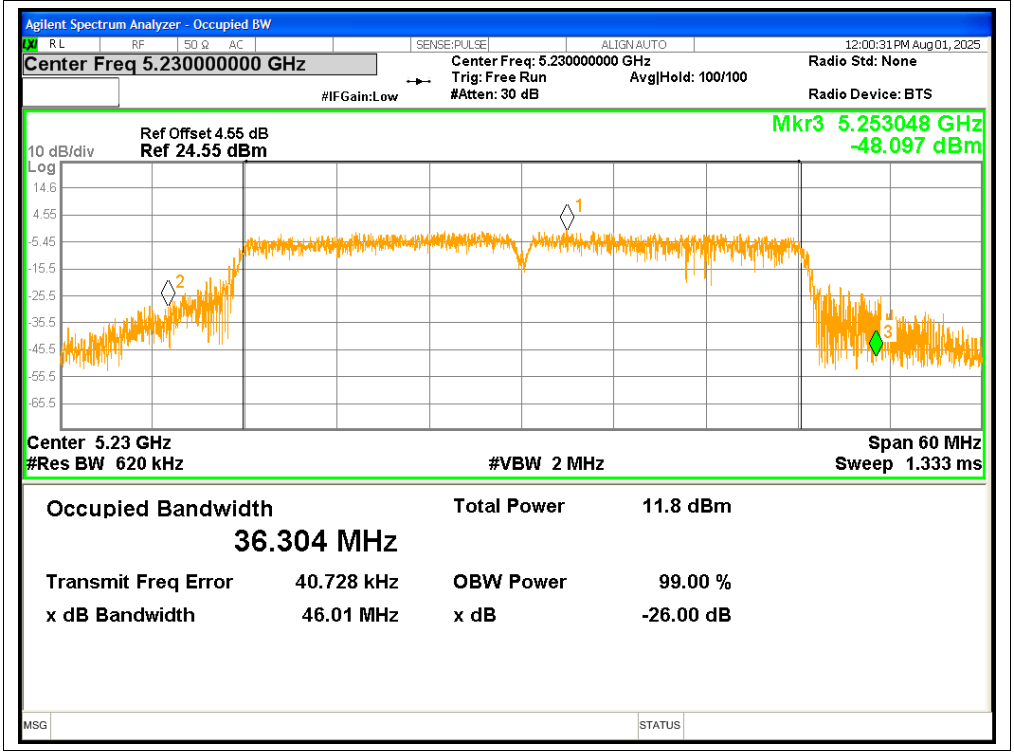
-26dB Bandwidth NVNT ac20 5240MHz



-26dB Bandwidth NVNT ac40 5190MHz



-26dB Bandwidth NVNT ac40 5230MHz

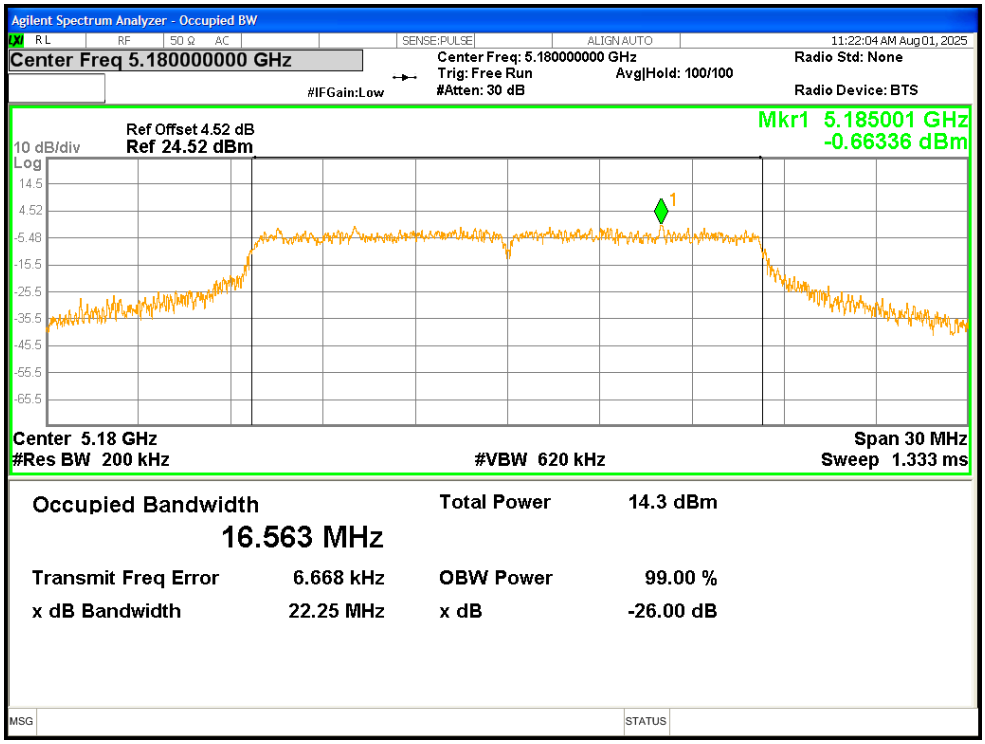


Occupied Channel Bandwidth

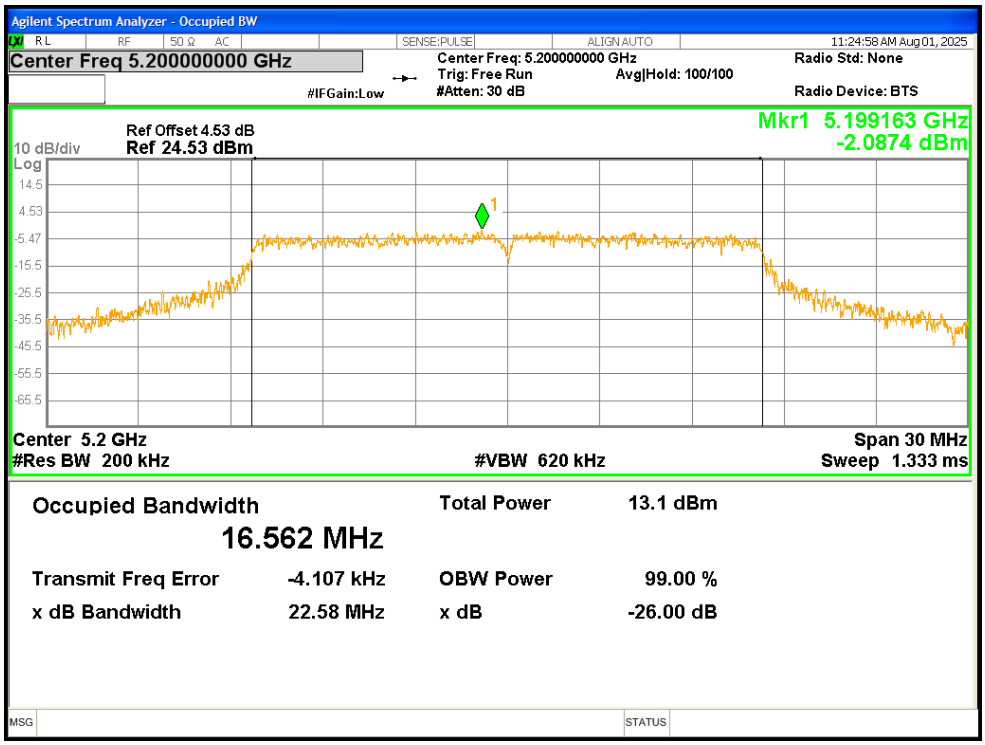
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5180	16.563
NVNT	a	5200	16.5623
NVNT	a	5240	16.5875
NVNT	n20	5180	17.7324
NVNT	n20	5200	17.801
NVNT	n20	5240	17.6462
NVNT	n40	5190	36.2296
NVNT	n40	5230	36.1999
NVNT	ac20	5180	17.7373
NVNT	ac20	5200	17.7298
NVNT	ac20	5240	17.7756
NVNT	ac40	5190	36.147
NVNT	ac40	5230	36.1227

Test Graphs

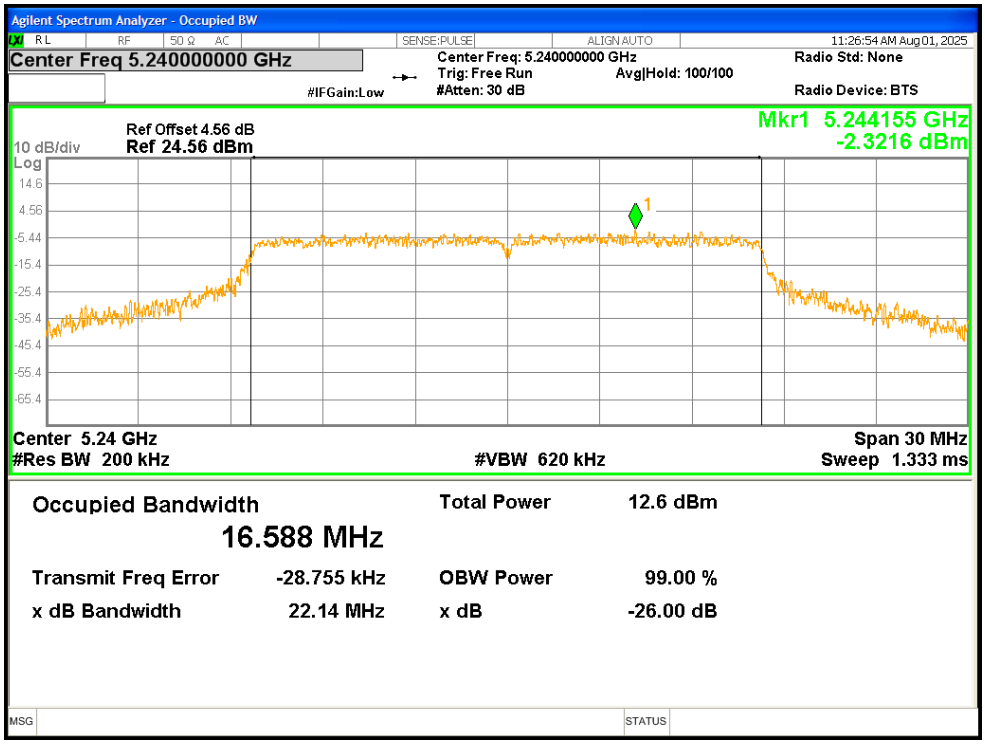
OBW NVNT a 5180MHz



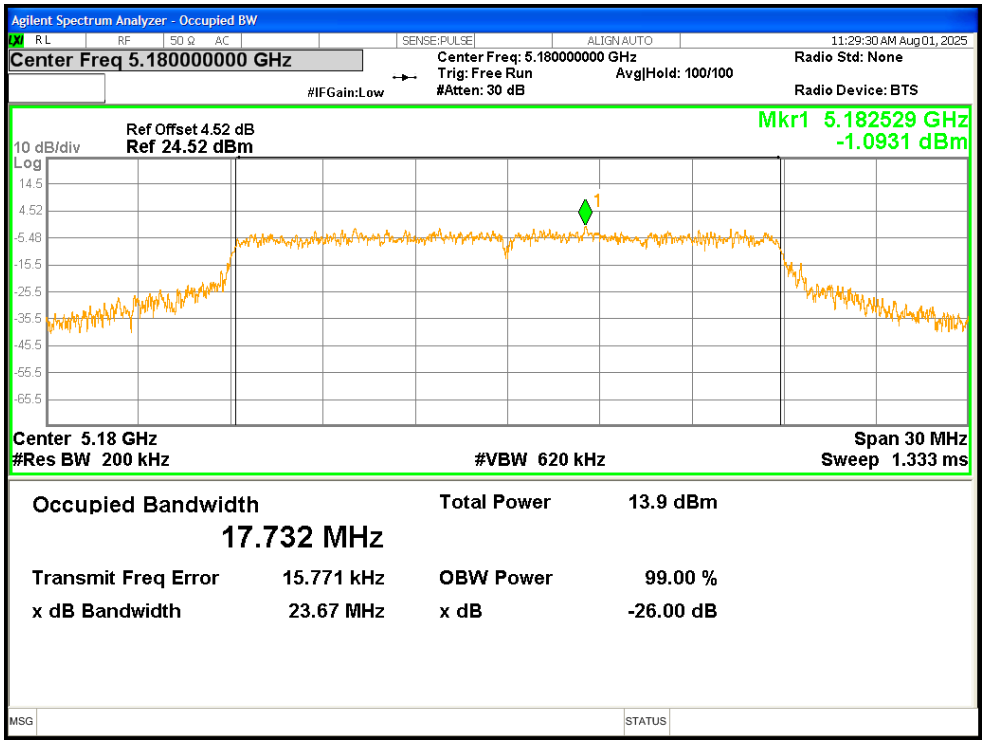
OBW NVNT a 5200MHz



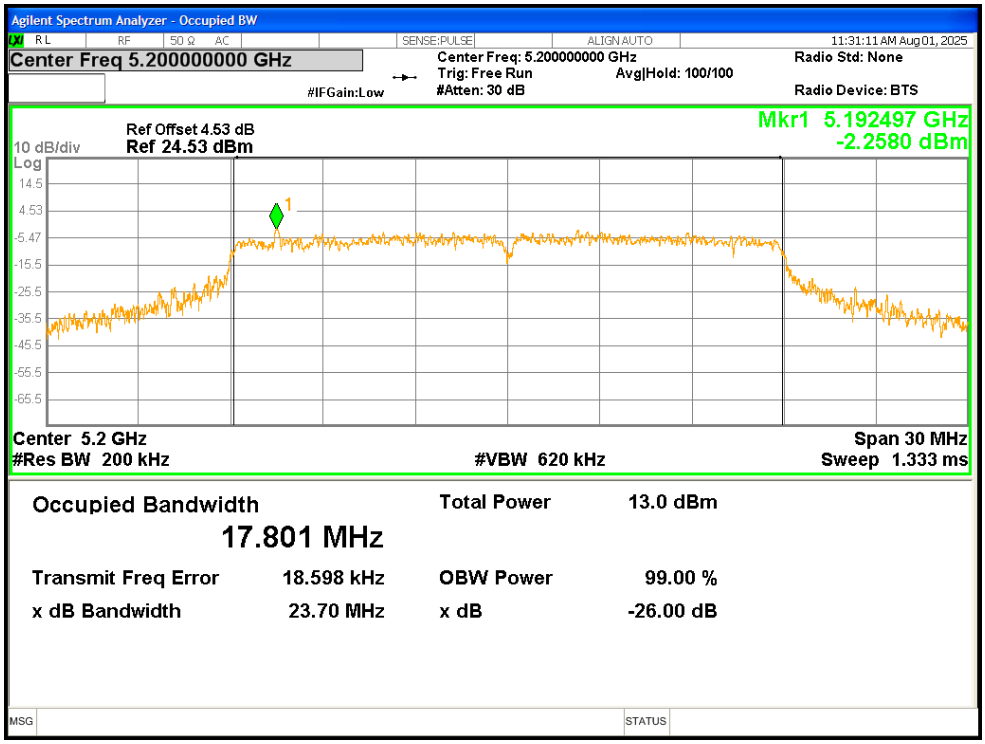
OBW NVNT a 5240MHz



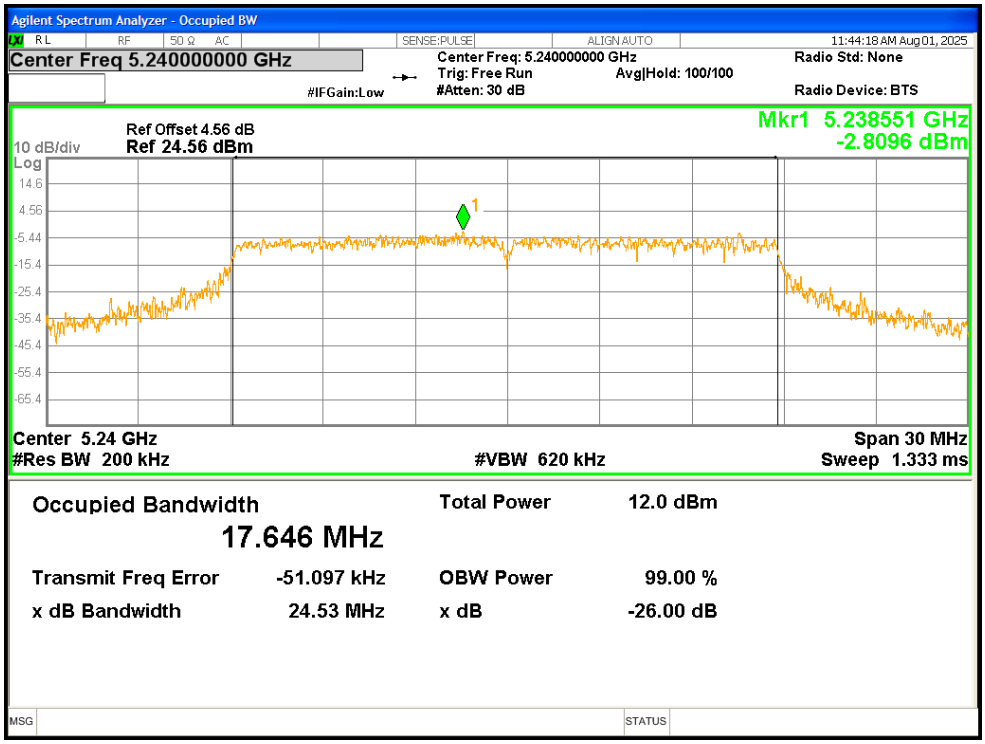
OBW NVNT n20 5180MHz



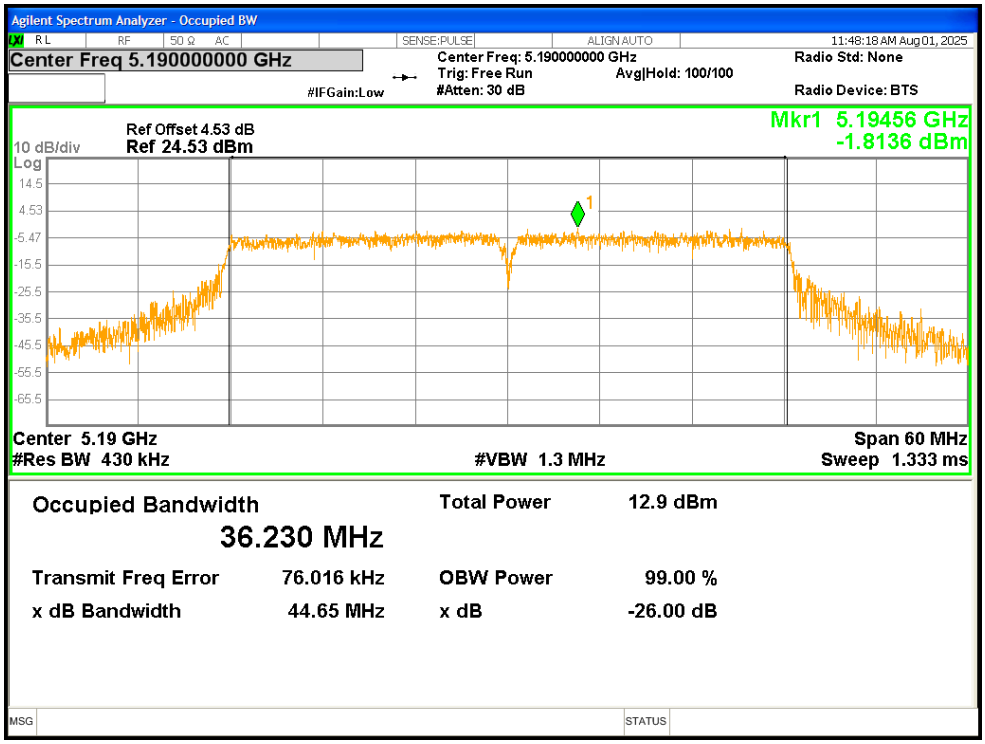
OBW NVNT n20 5200MHz



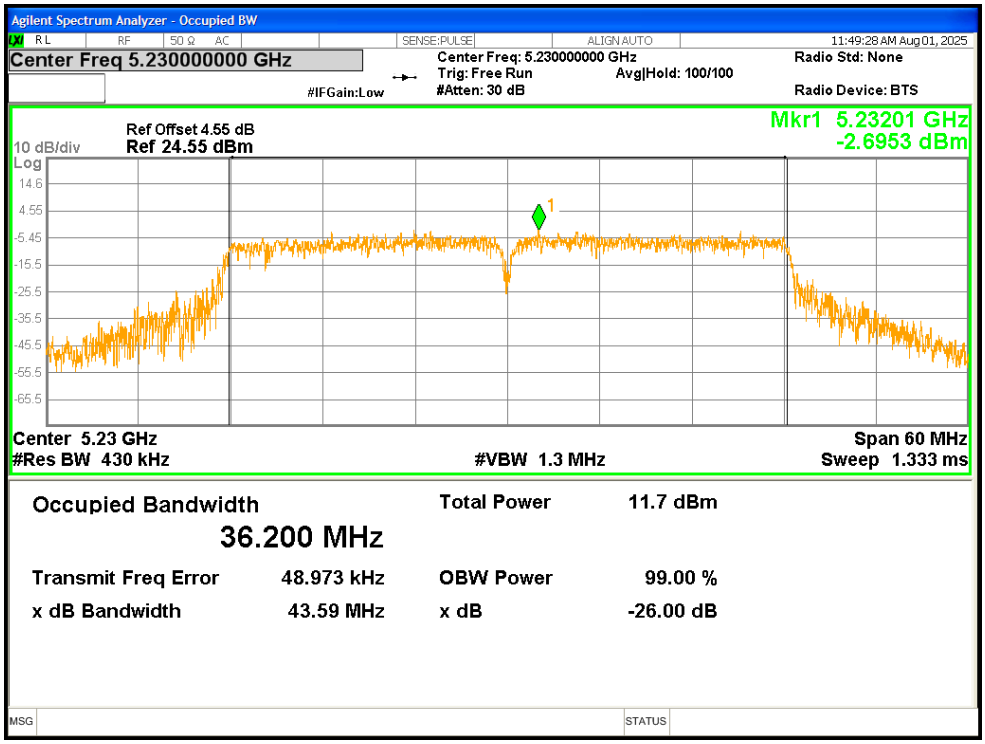
OBW NVNT n20 5240MHz



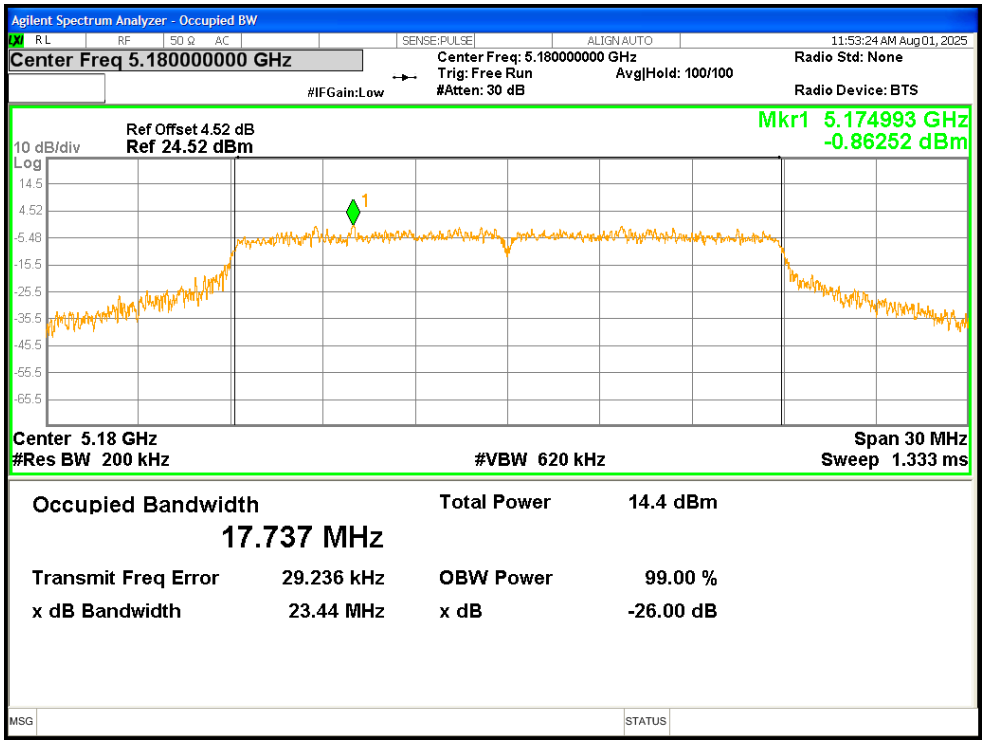
OBW NVNT n40 5190MHz



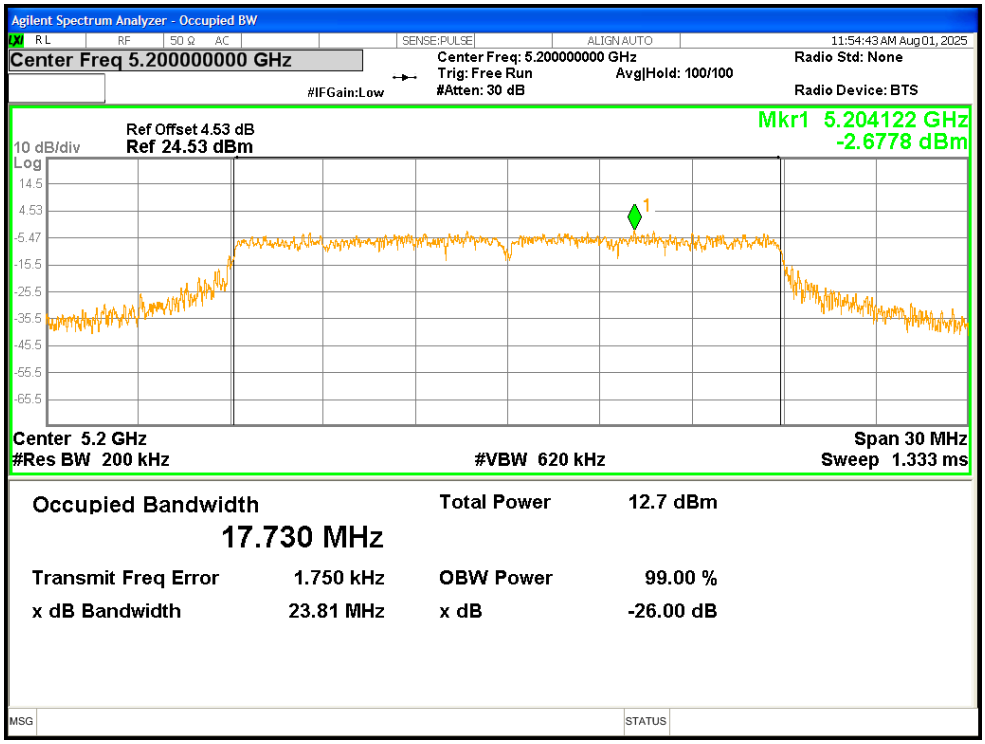
OBW NVNT n40 5230MHz



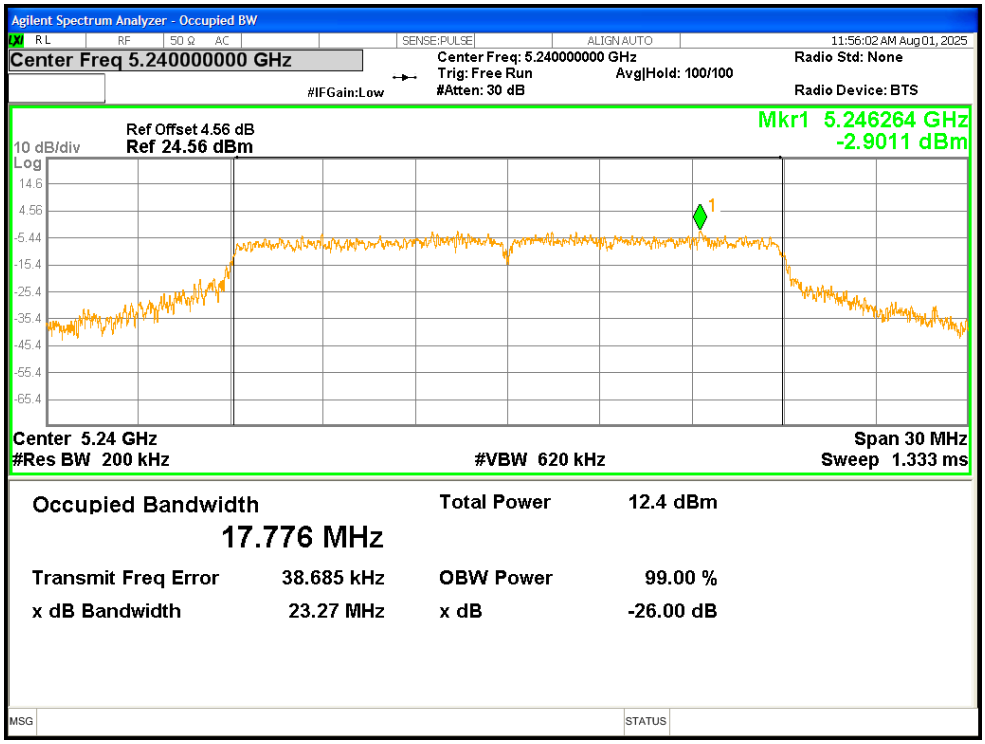
OBW NVNT ac20 5180MHz



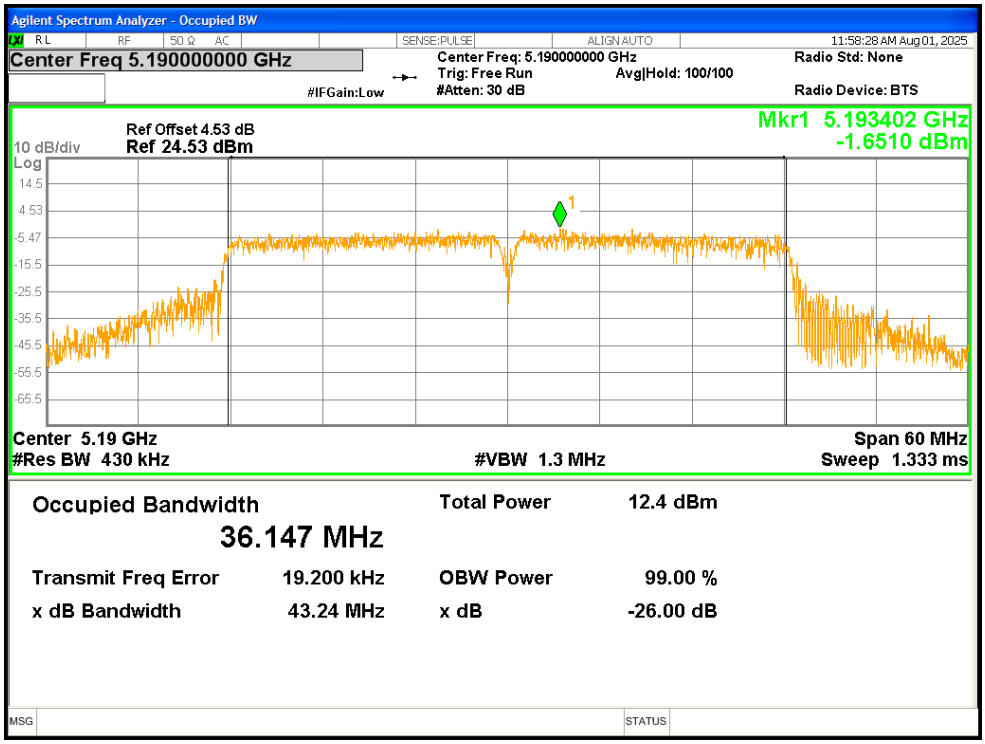
OBW NVNT ac20 5200MHz



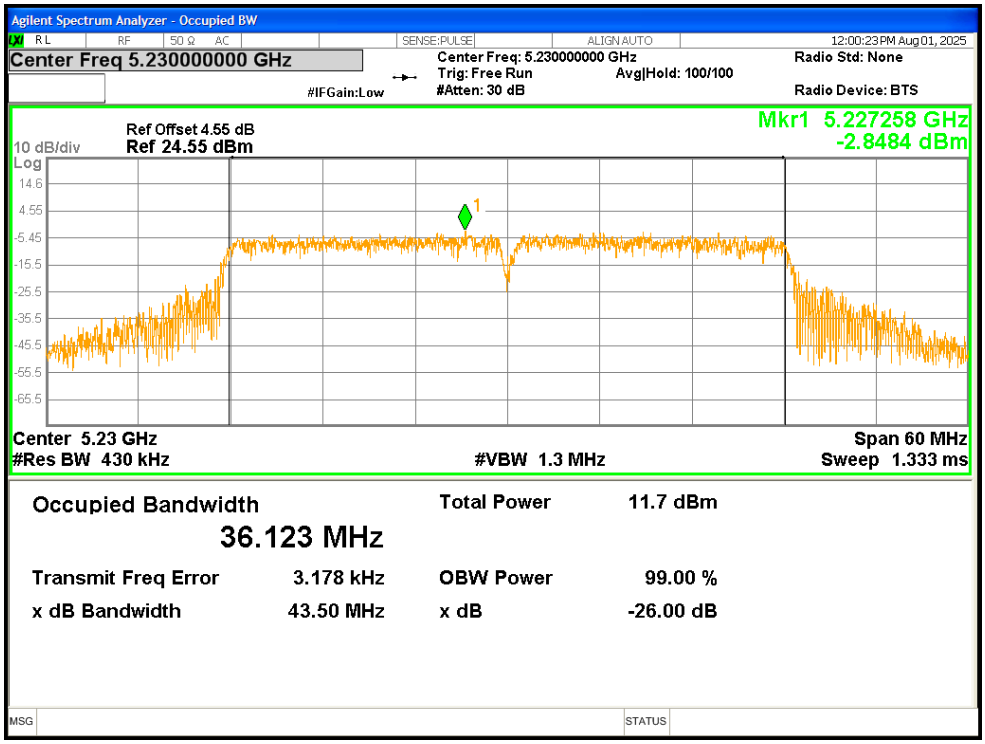
OBW NVNT ac20 5240MHz



OBW NVNT ac40 5190MHz



OBW NVNT ac40 5230MHz

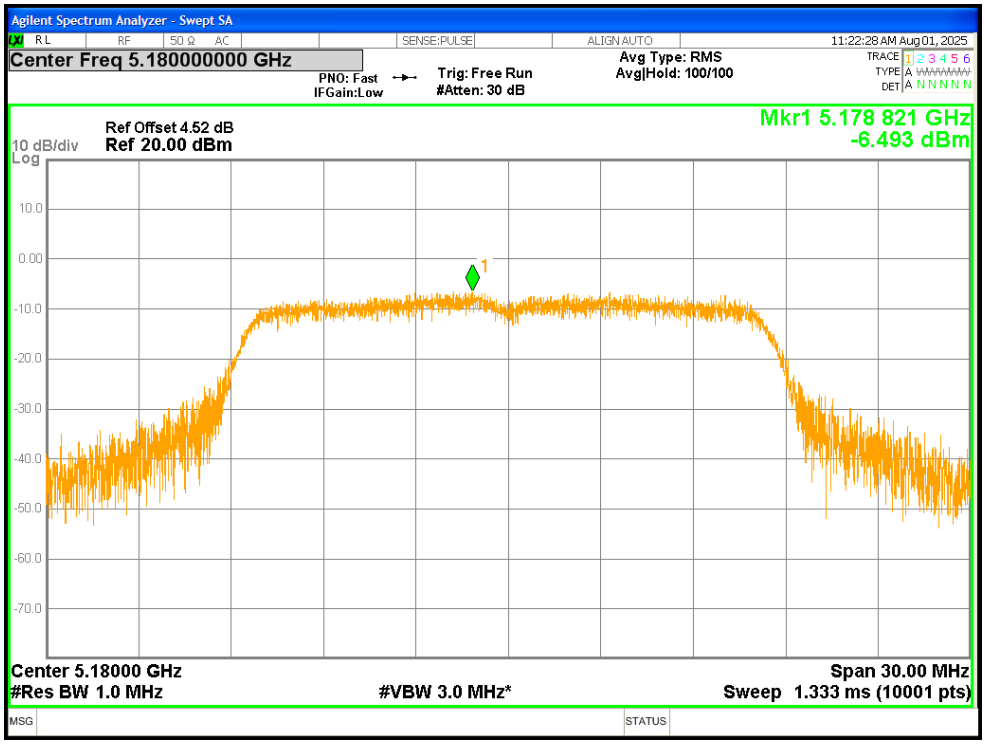


Maximum Power Spectral Density Level

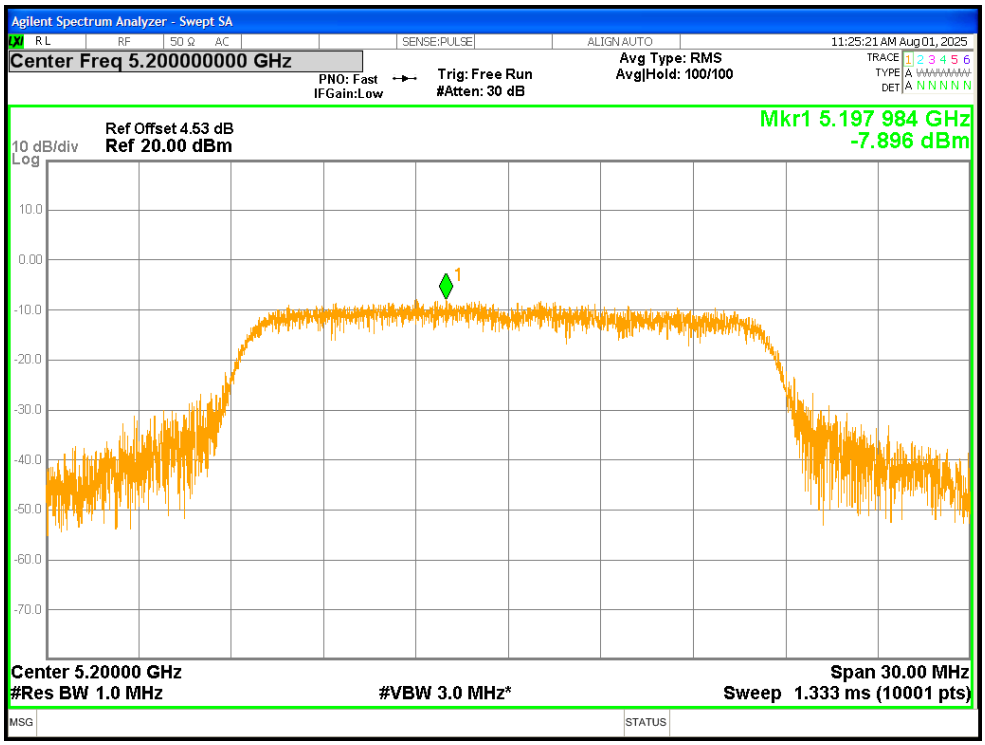
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	-6.493	9.19	2.697	<=11	Pass
NVNT	a	5200	-7.896	9.23	1.334	<=11	Pass
NVNT	a	5240	-9.586	9.23	-0.356	<=11	Pass
NVNT	n20	5180	-8.723	9.46	0.737	<=11	Pass
NVNT	n20	5200	-9.314	9.45	0.136	<=11	Pass
NVNT	n20	5240	-9.81	9.46	-0.35	<=11	Pass
NVNT	n40	5190	-12.269	12.21	-0.059	<=11	Pass
NVNT	n40	5230	-13.377	12.22	-1.157	<=11	Pass
NVNT	ac20	5180	-7.999	9.42	1.421	<=11	Pass
NVNT	ac20	5200	-8.327	9.43	1.103	<=11	Pass
NVNT	ac20	5240	-9.412	9.46	0.048	<=11	Pass
NVNT	ac40	5190	-12.23	12.22	-0.001	<=11	Pass
NVNT	ac40	5230	-13.418	12.22	-1.198	<=11	Pass

Test Graphs

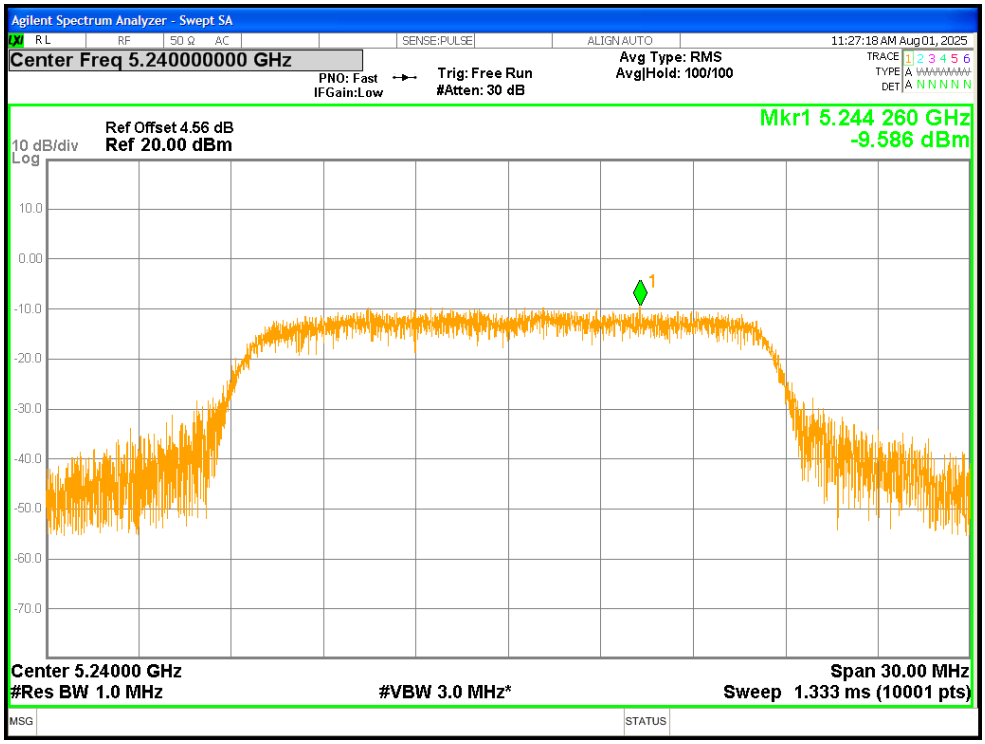
PSD NVNT a 5180MHz



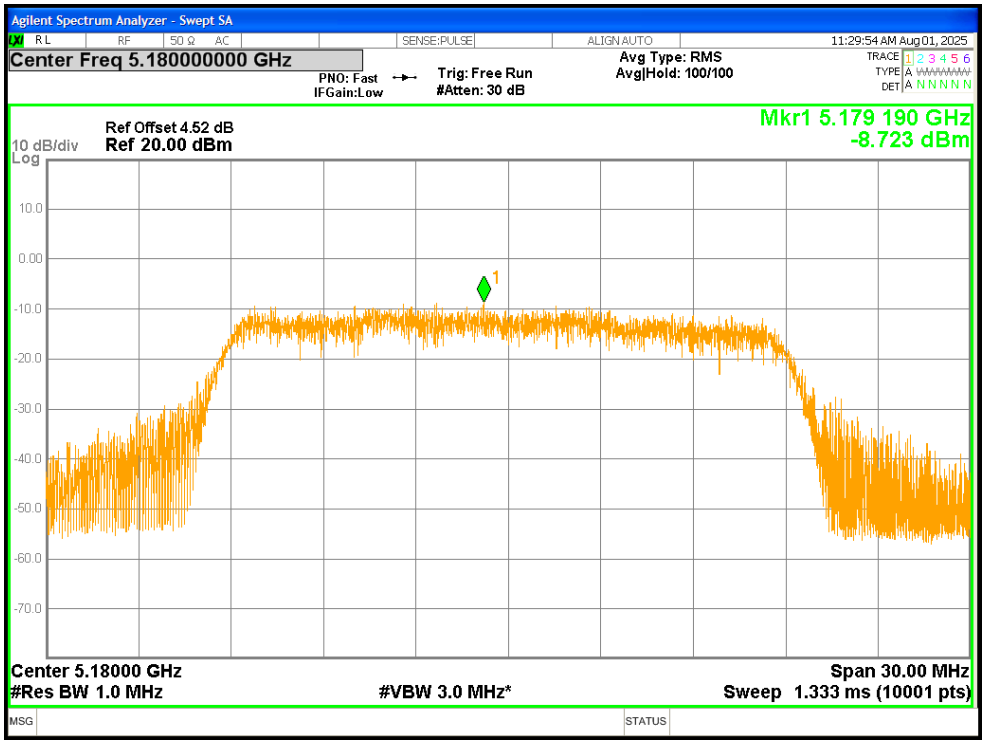
PSD NVNT a 5200MHz



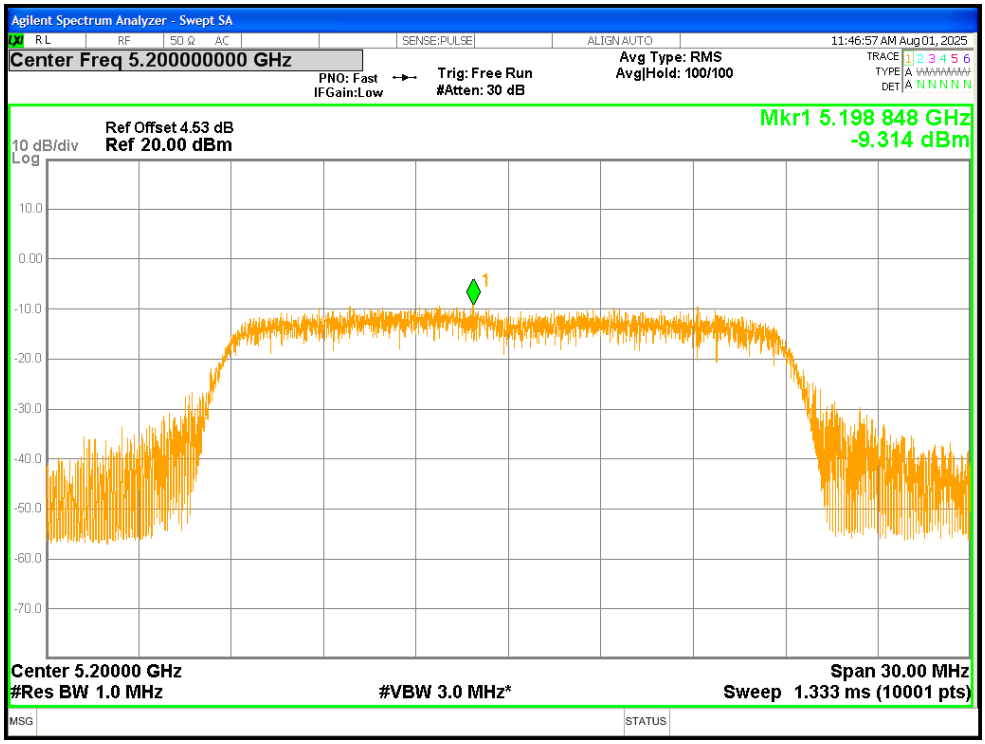
PSD NVNT a 5240MHz



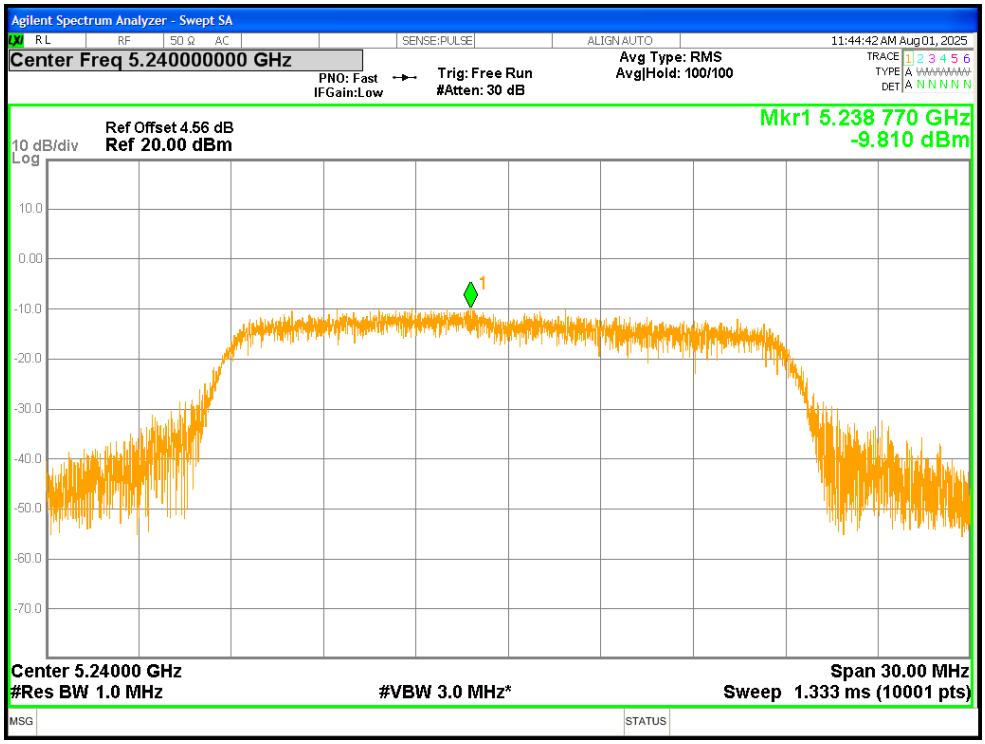
PSD NVNT n20 5180MHz



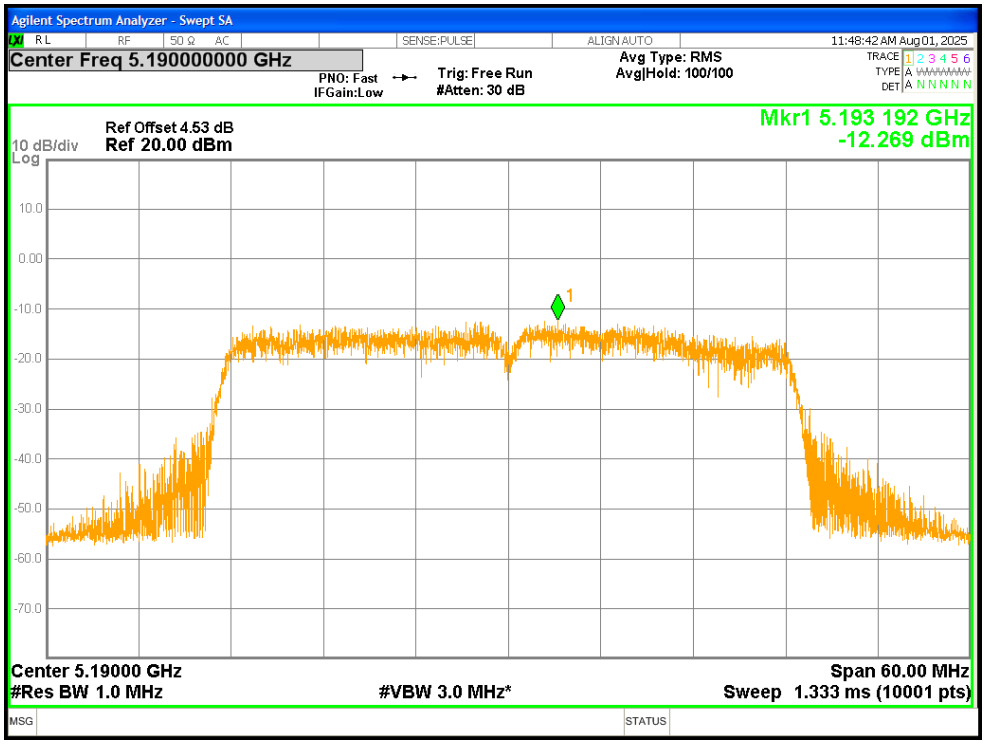
PSD NVNT n20 5200MHz



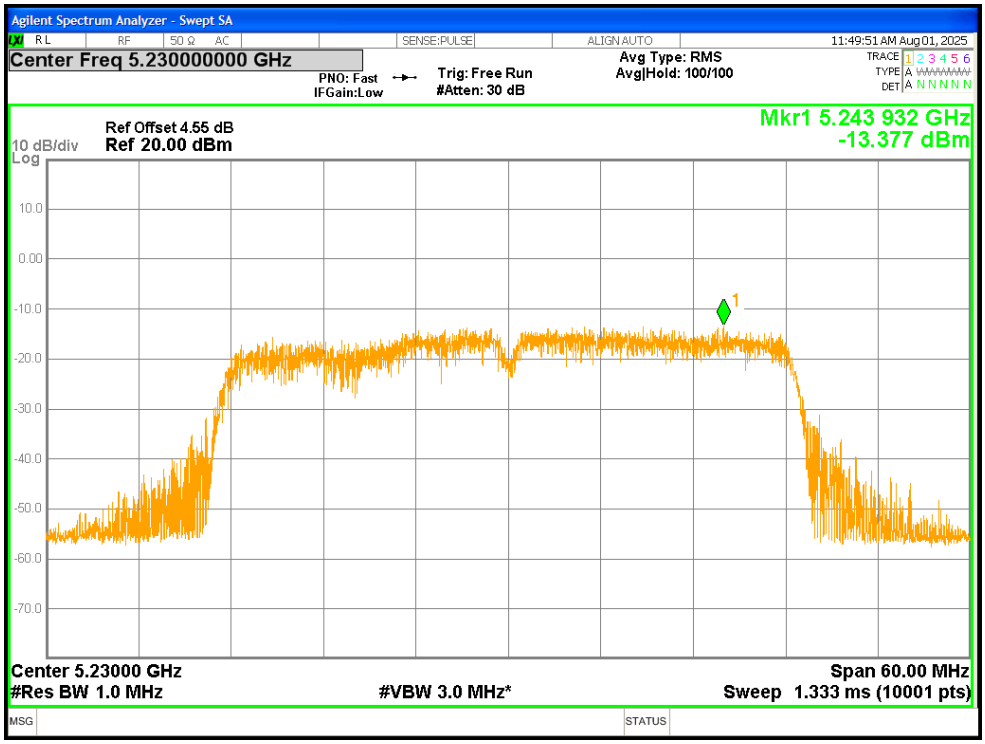
PSD NVNT n20 5240MHz



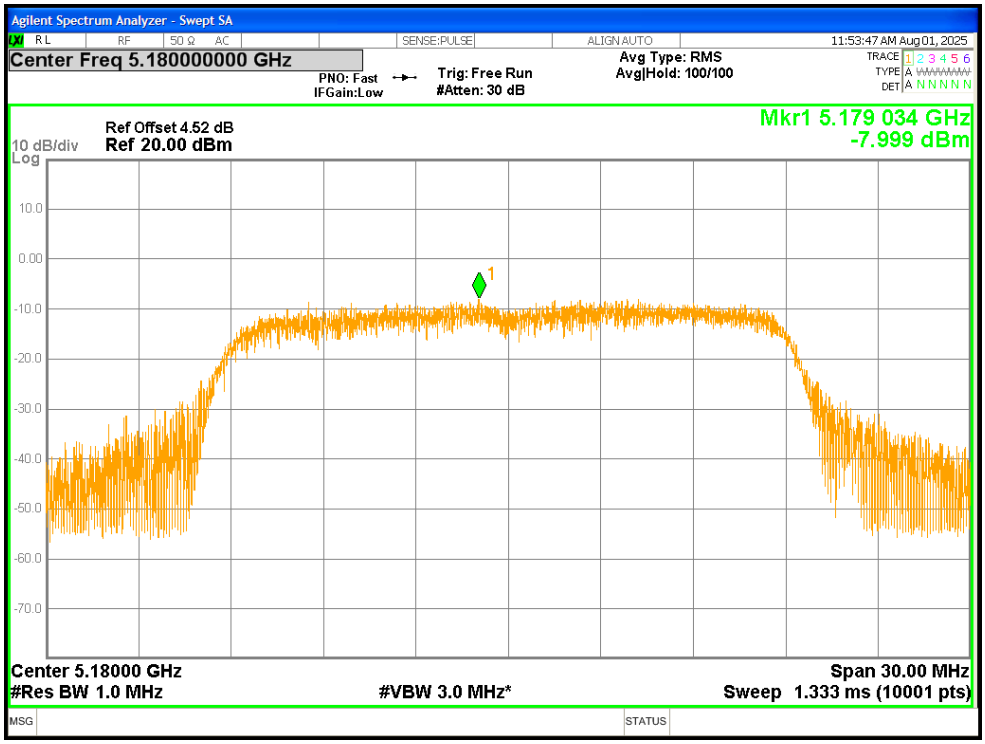
PSD NVNT n40 5190MHz



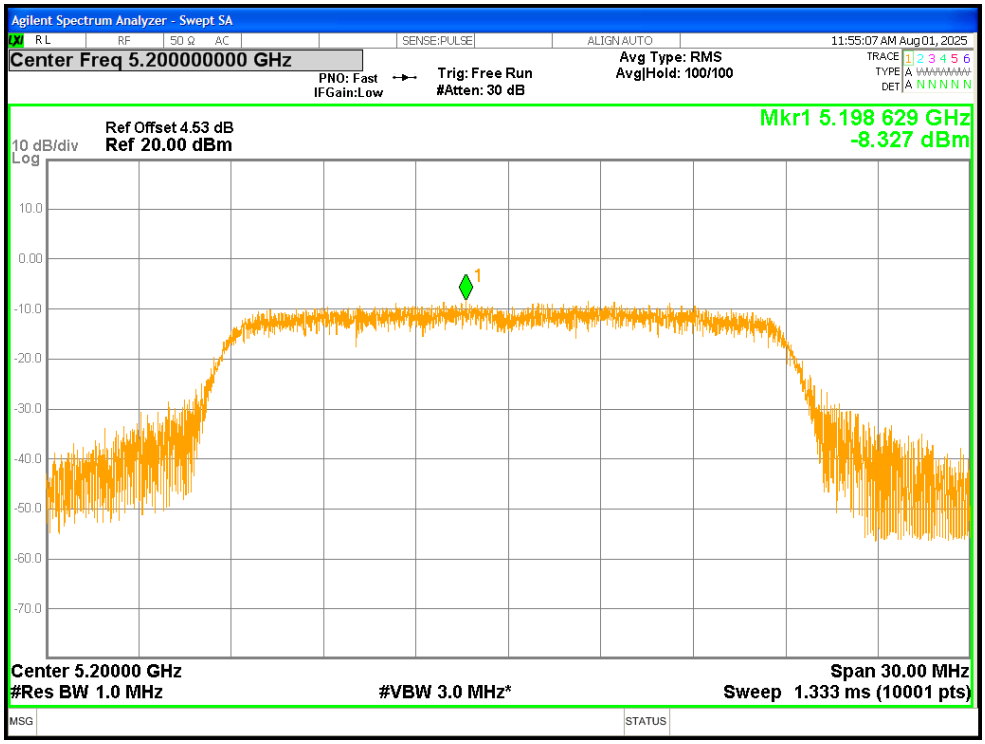
PSD NVNT n40 5230MHz



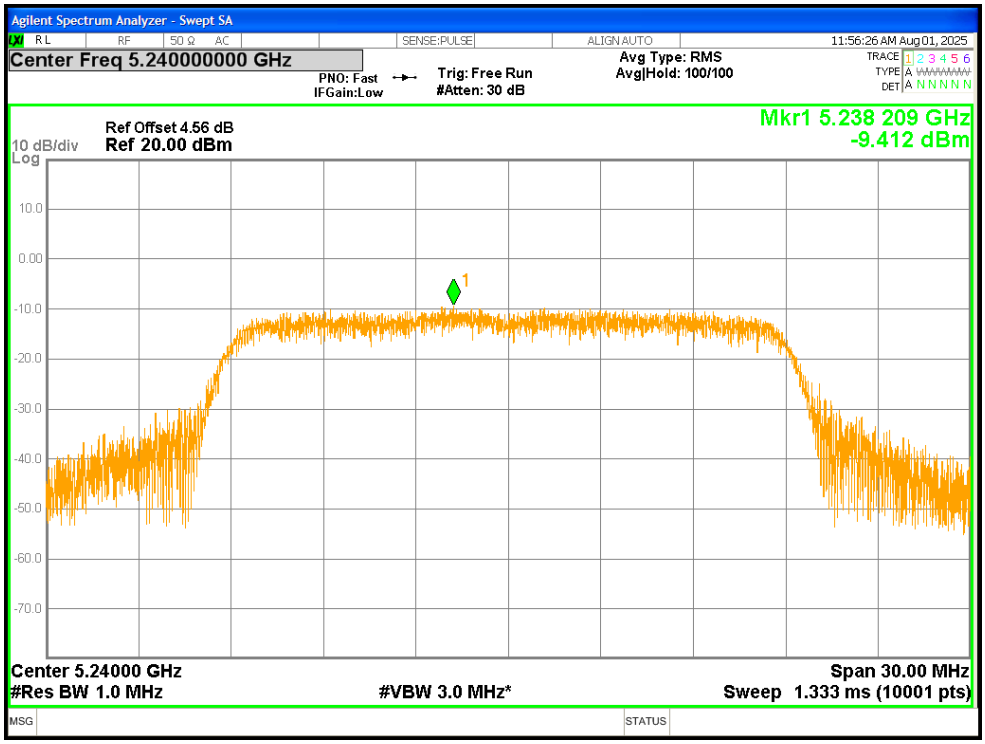
PSD NVNT ac20 5180MHz



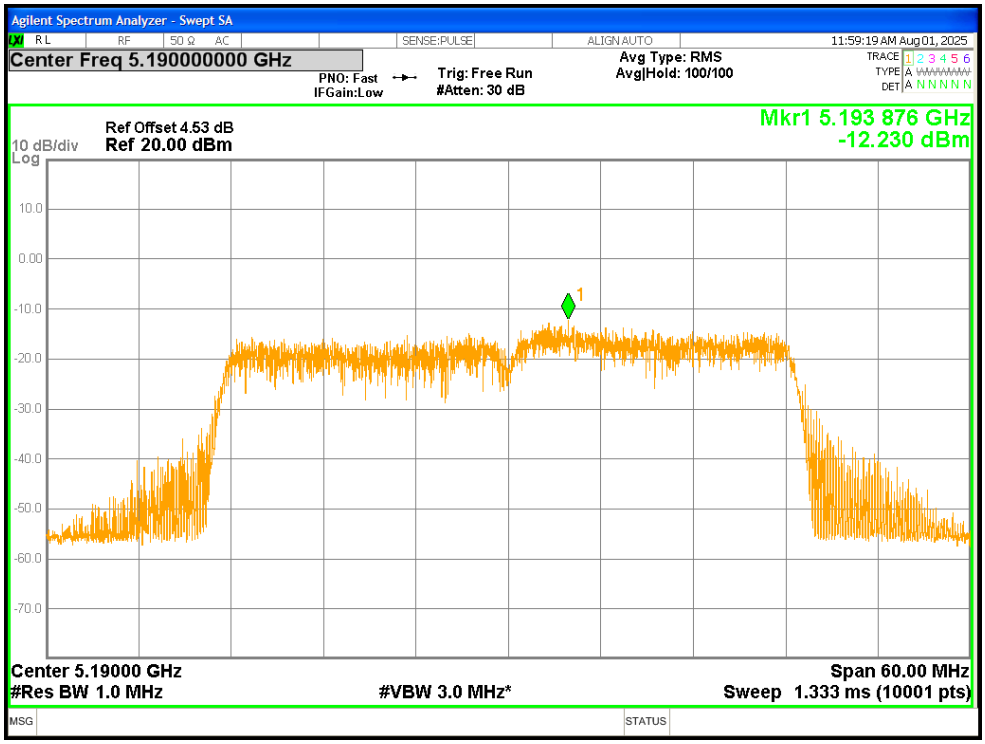
PSD NVNT ac20 5200MHz



PSD NVNT ac20 5240MHz



PSD NVNT ac40 5190MHz



PSD NVNT ac40 5230MHz