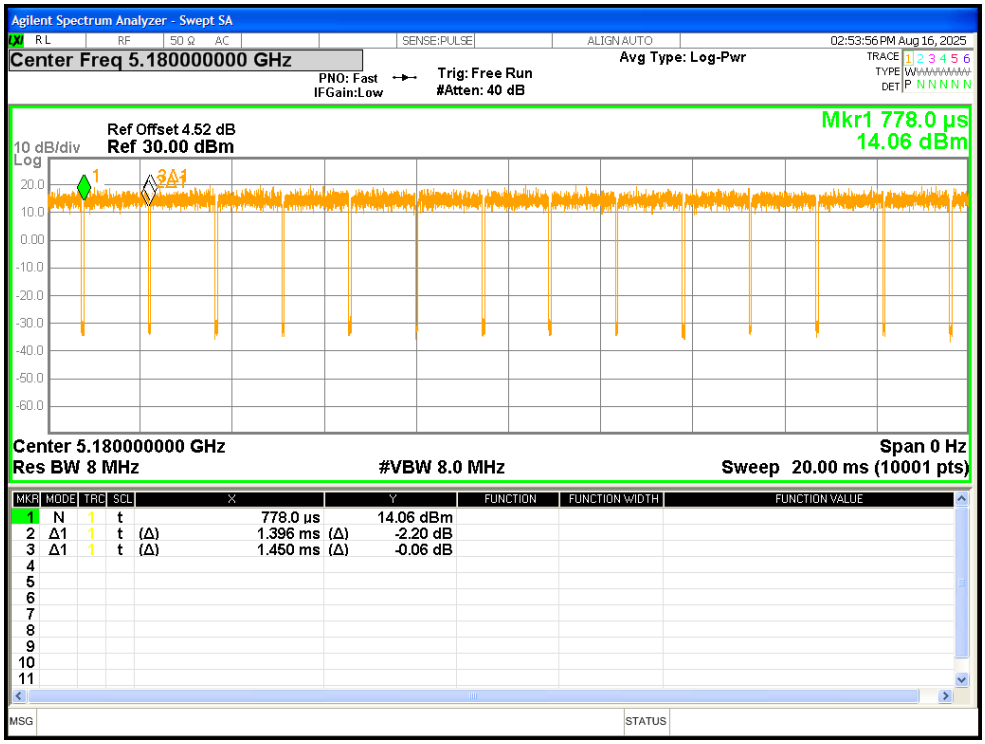
Duty Cycle

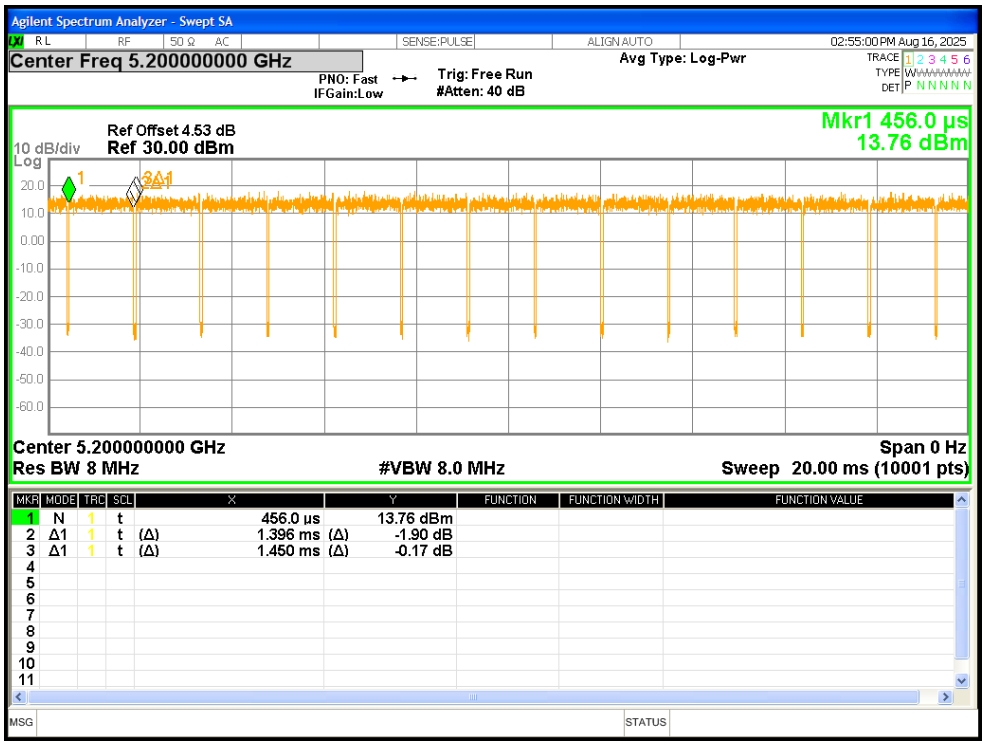
Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5180	1.396	1.45	96.28	0.16	0.72	0.23
NVNT	a	5200	1.396	1.45	96.28	0.16	0.72	0.23
NVNT	a	5240	1.396	1.45	96.28	0.16	0.72	0.22
NVNT	n20	5180	1.308	1.362	96.04	0.18	0.76	0.23
NVNT	n20	5200	1.31	1.362	96.18	0.17	0.76	0.21
NVNT	n20	5240	1.308	1.362	96.04	0.18	0.76	0.22
NVNT	n40	5190	0.648	0.702	92.31	0.35	1.54	0.23
NVNT	n40	5230	0.65	0.702	92.59	0.33	1.54	0.22
NVNT	ac20	5180	1.316	1.37	96.06	0.17	0.76	0.27
NVNT	ac20	5200	1.318	1.37	96.2	0.17	0.76	0.25
NVNT	ac20	5240	1.316	1.37	96.06	0.17	0.76	0.24
NVNT	ac40	5190	0.656	0.71	92.39	0.34	1.52	0.23
NVNT	ac40	5230	0.656	0.71	92.39	0.34	1.52	0.24
NVNT	ac80	5210	0.324	0.376	86.17	0.65	3.09	0.30

Test Graphs

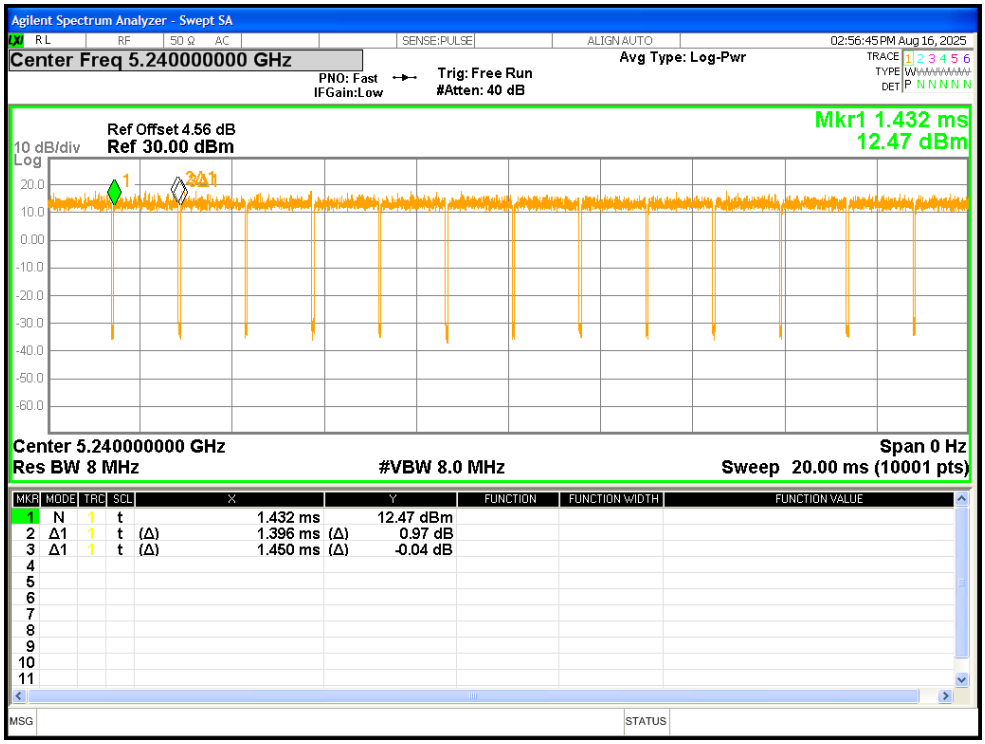
Duty Cycle NVNT a 5180MHz



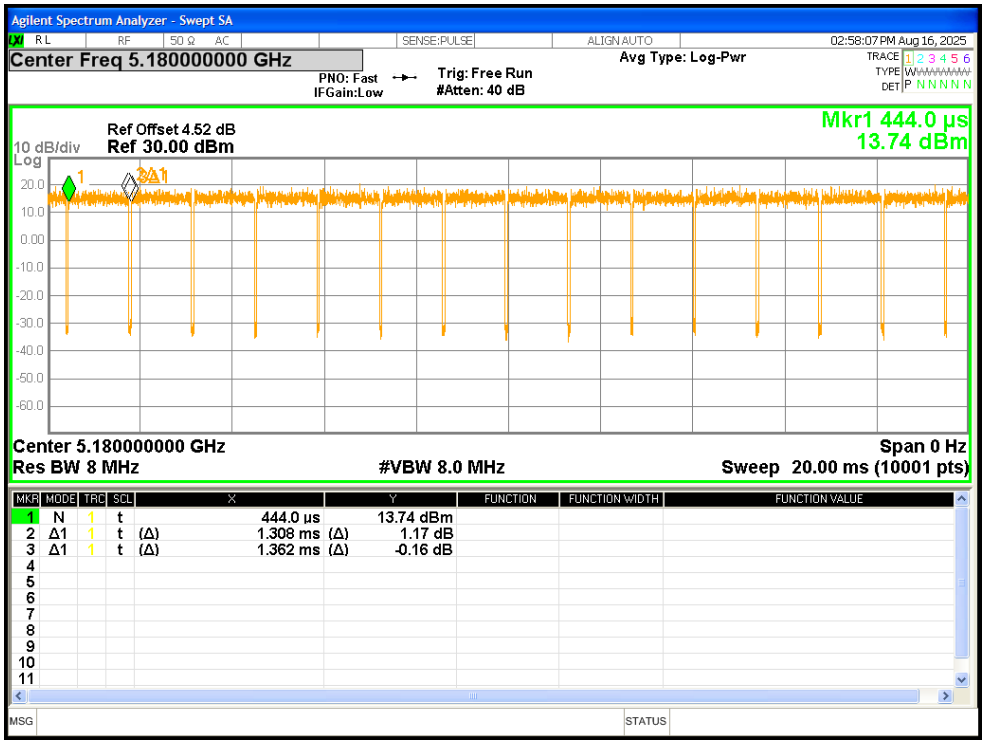
Duty Cycle NVNT a 5200MHz



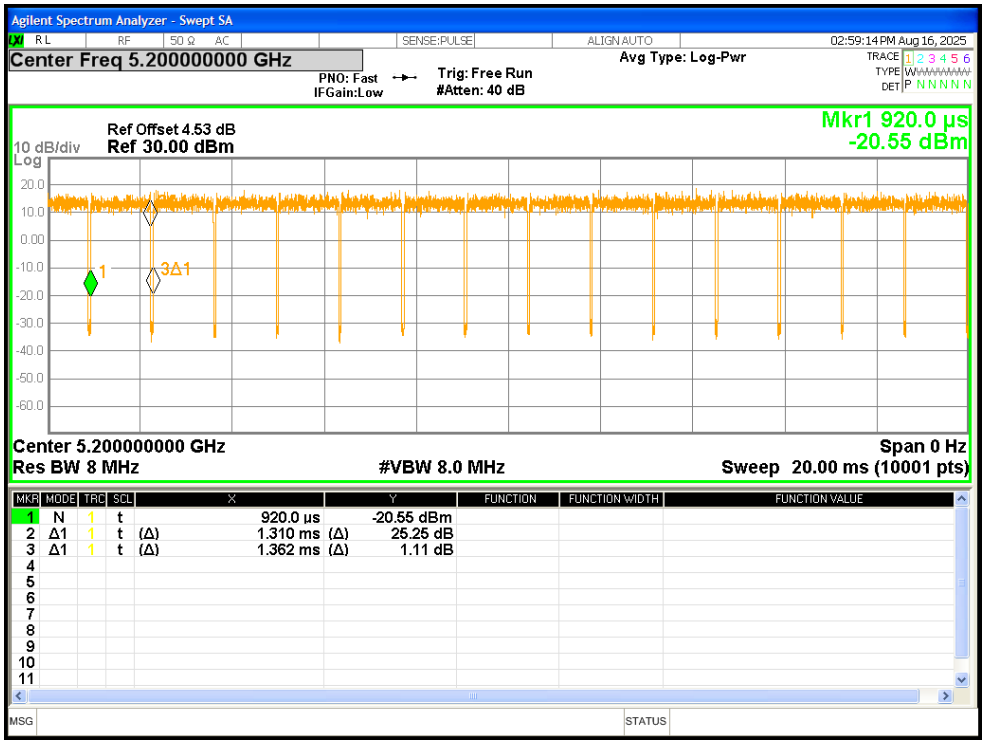
Duty Cycle NVNT a 5240MHz



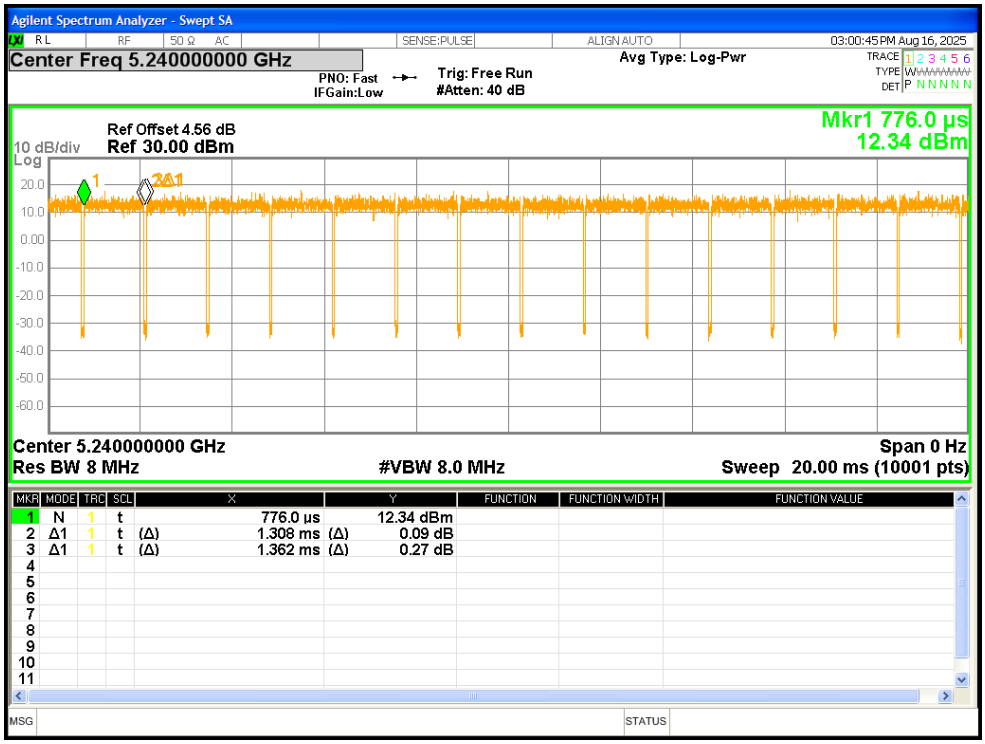
Duty Cycle NVNT n20 5180MHz



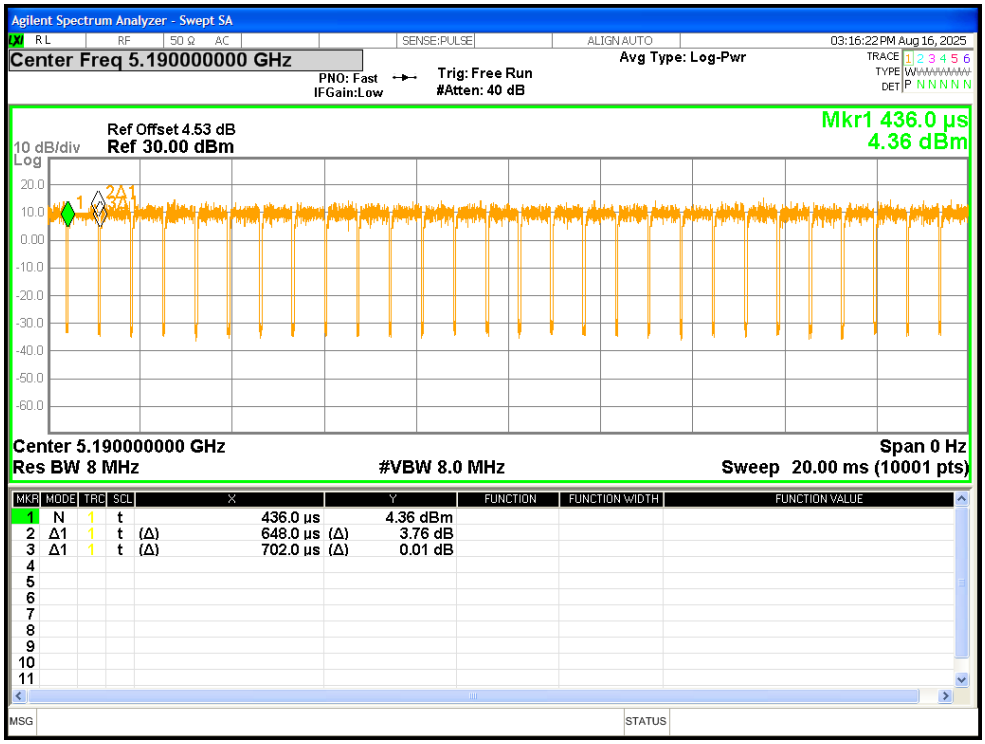
Duty Cycle NVNT n20 5200MHz



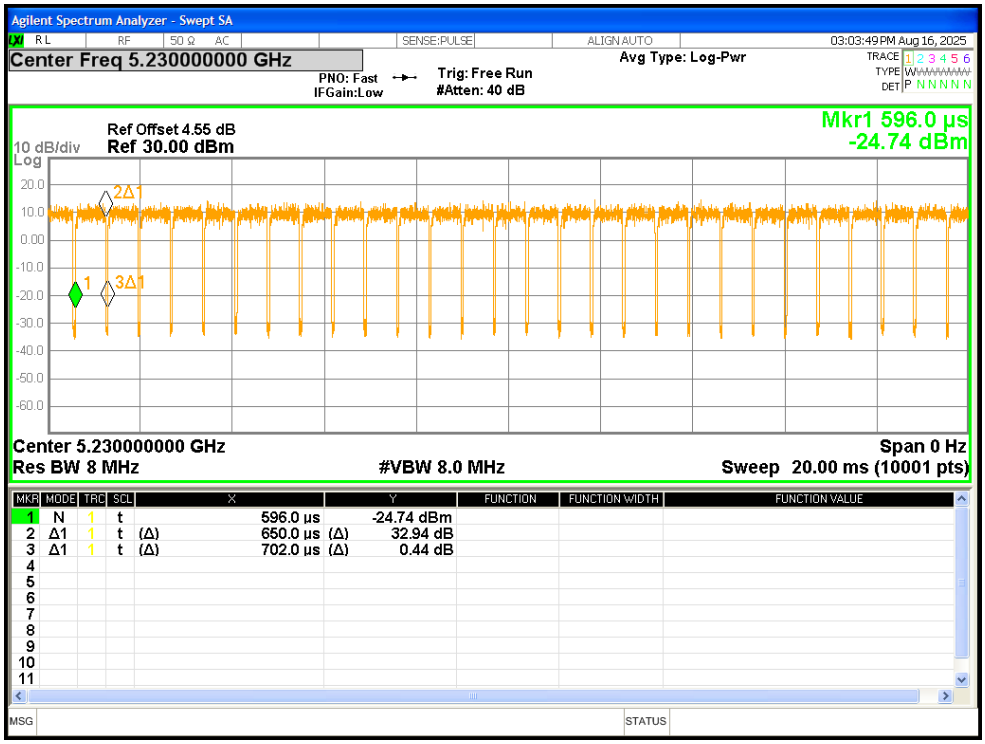
Duty Cycle NVNT n20 5240MHz



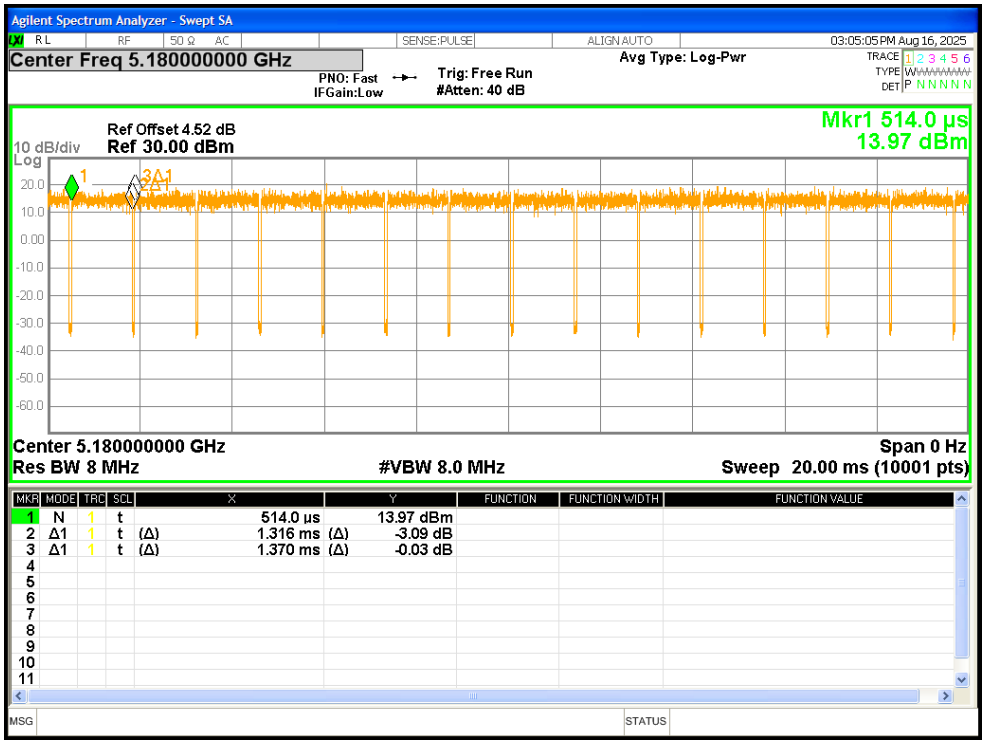
Duty Cycle NVNT n40 5190MHz



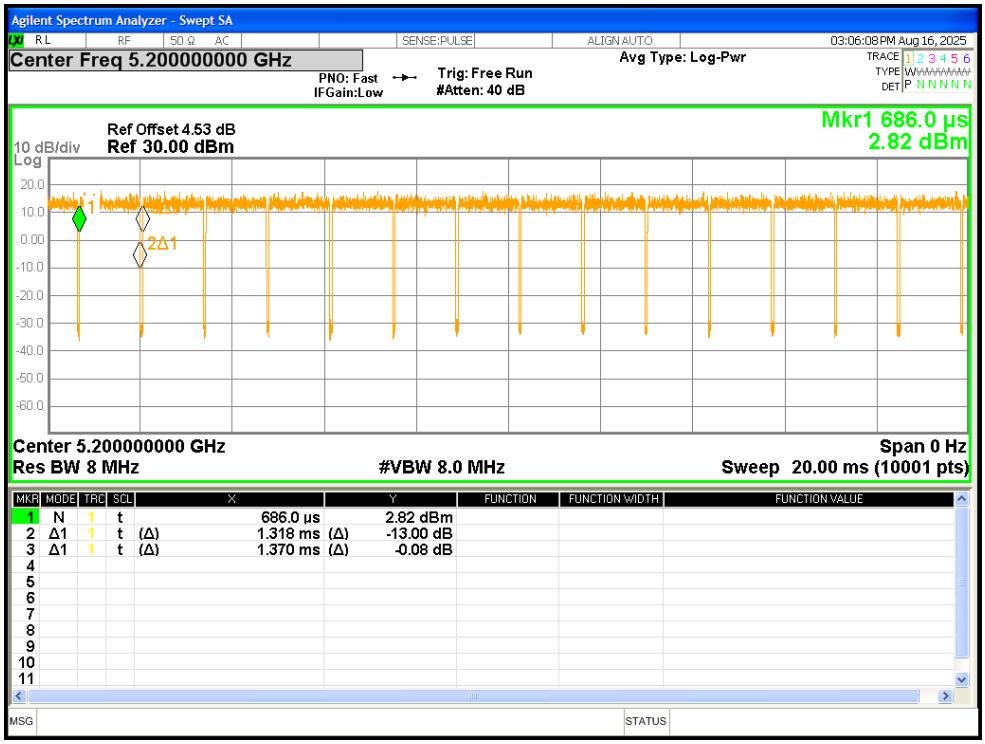
Duty Cycle NVNT n40 5230MHz



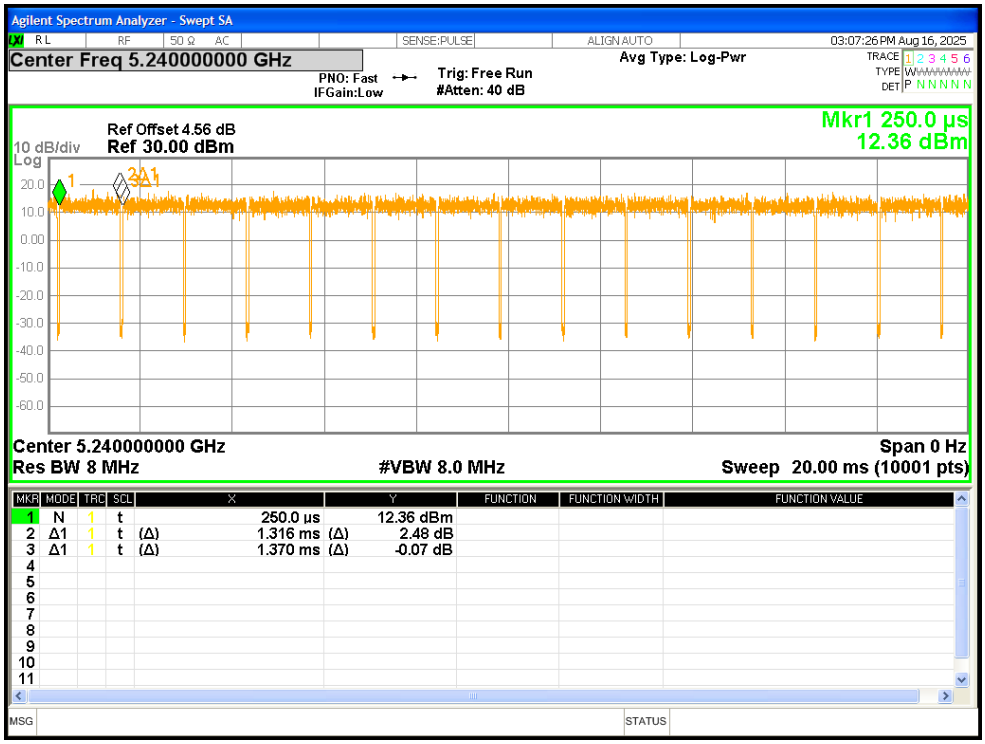
Duty Cycle NVNT ac20 5180MHz



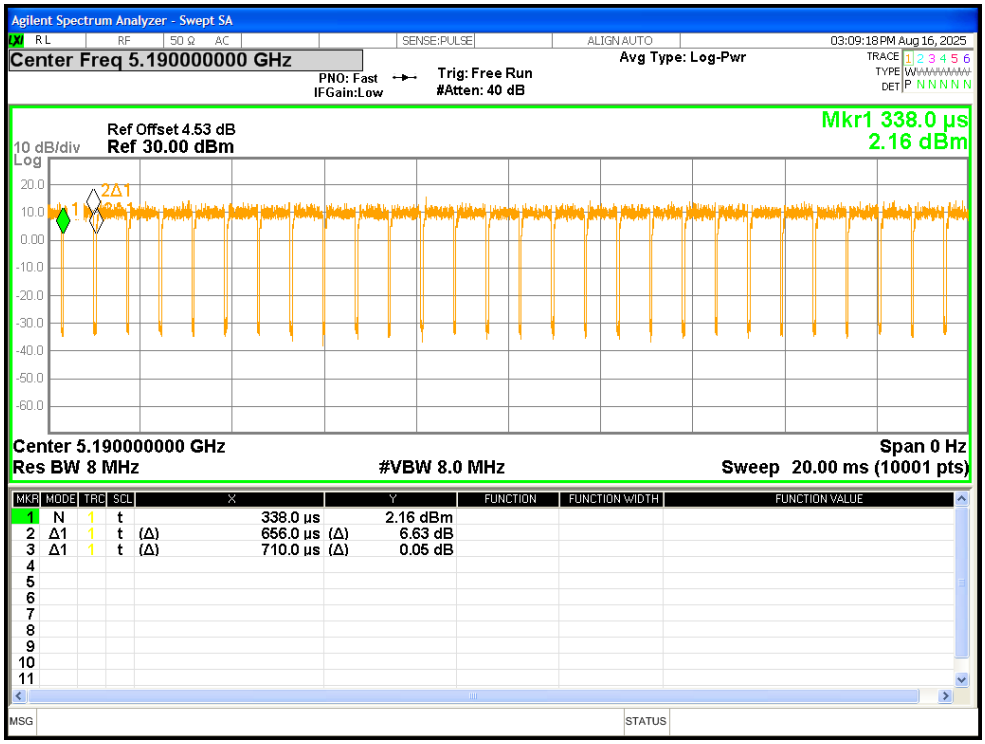
Duty Cycle NVNT ac20 5200MHz



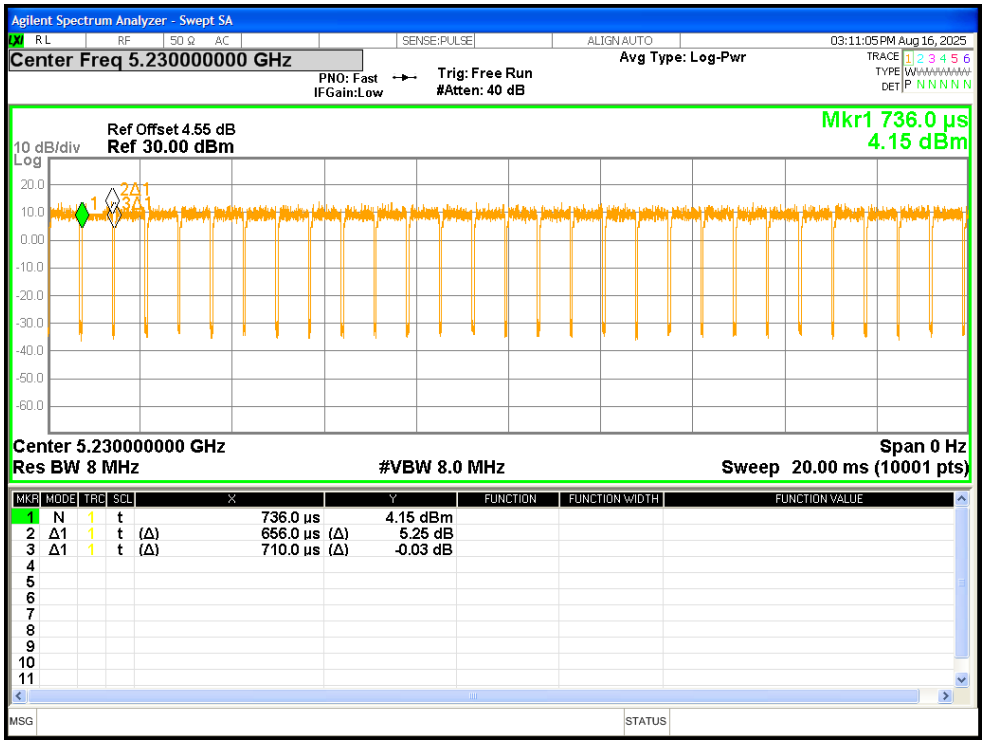
Duty Cycle NVNT ac20 5240MHz



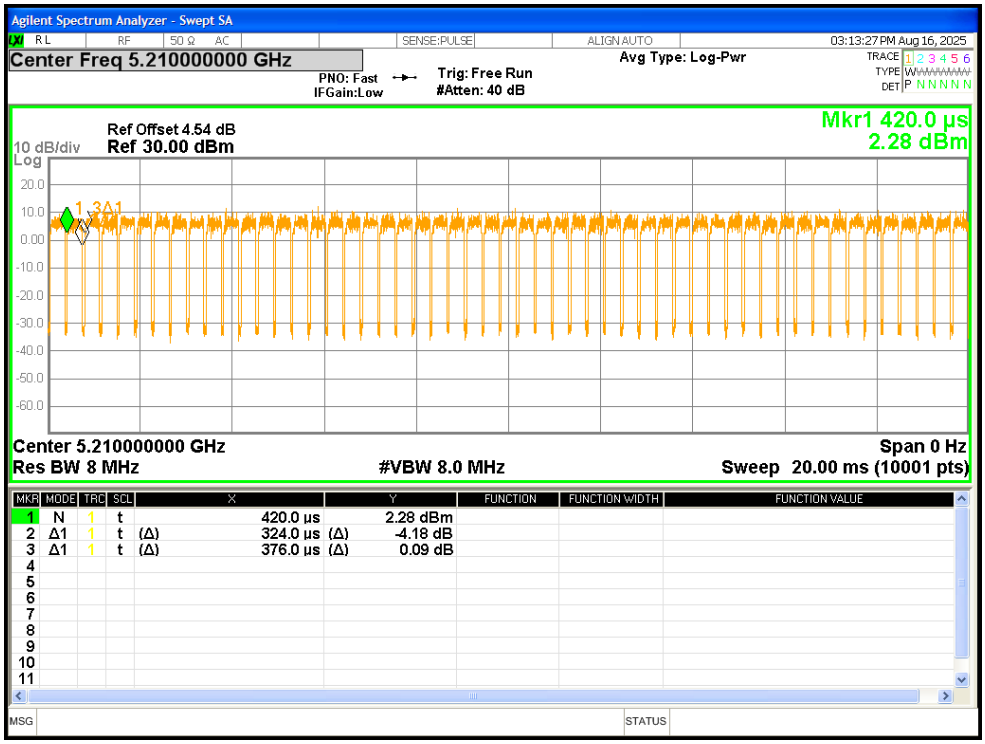
Duty Cycle NVNT ac40 5190MHz



Duty Cycle NVNT ac40 5230MHz



Duty Cycle NVNT ac80 5210MHz

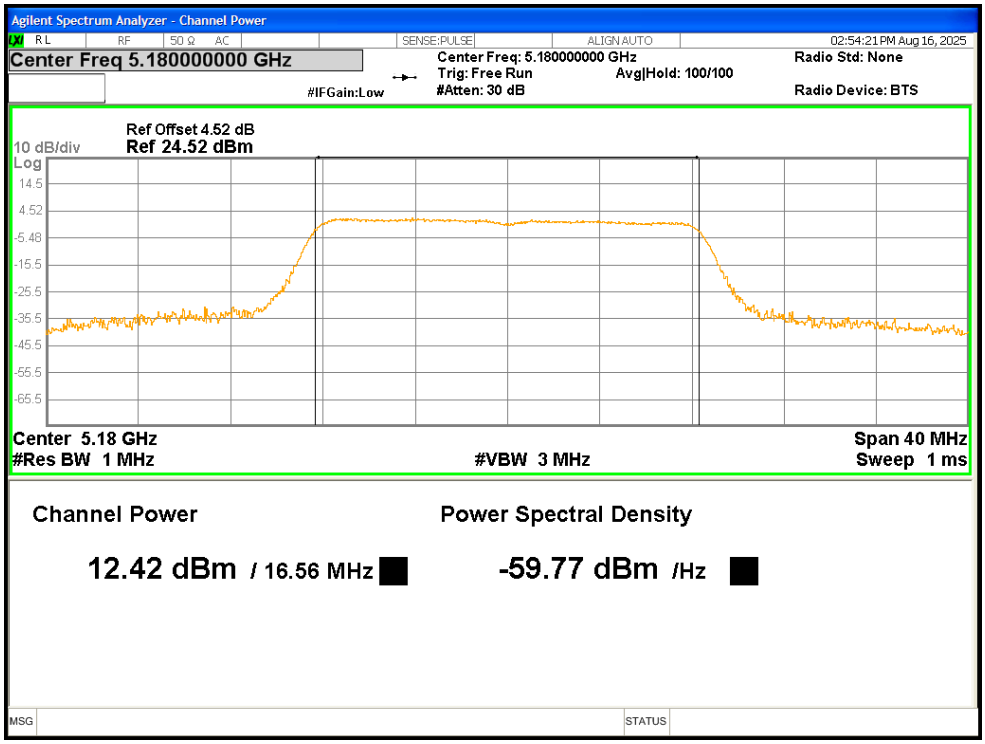


Maximum Conducted Output Power

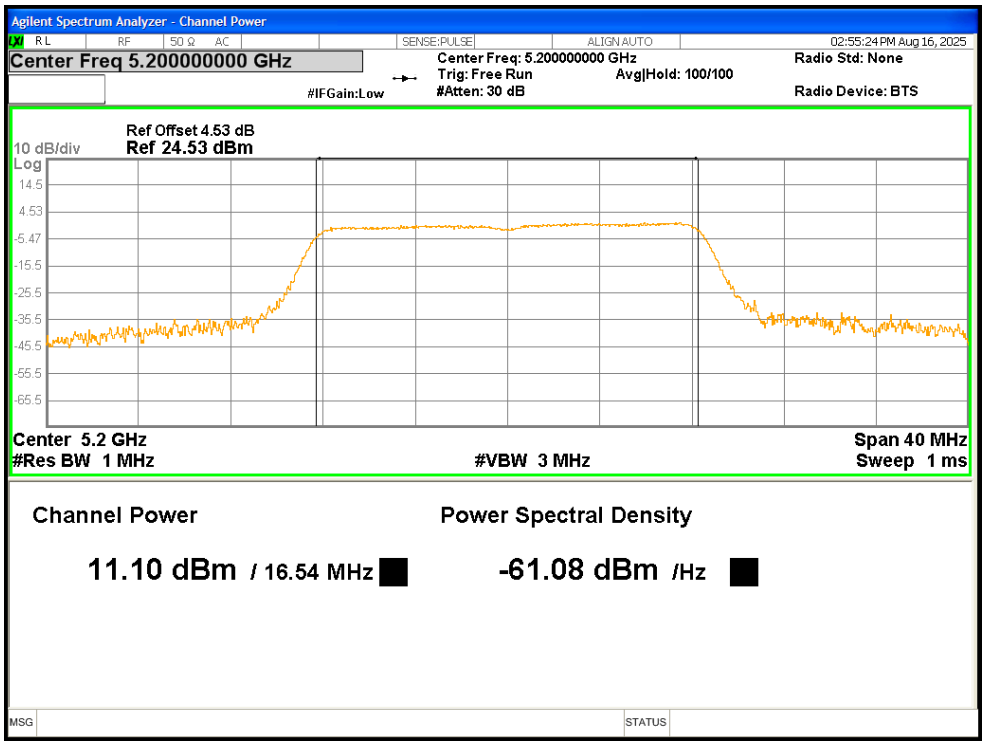
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Correction Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	12.42	0.16	12.58	<=24	Pass
NVNT	a	5200	11.1	0.16	11.26	<=24	Pass
NVNT	a	5240	10.69	0.16	10.85	<=24	Pass
NVNT	n20	5180	12.77	0.18	12.95	<=24	Pass
NVNT	n20	5200	11.37	0.17	11.54	<=24	Pass
NVNT	n20	5240	10.97	0.18	11.15	<=24	Pass
NVNT	n40	5190	12.1	0.35	12.45	<=24	Pass
NVNT	n40	5230	11.06	0.33	11.39	<=24	Pass
NVNT	ac20	5180	12.56	0.17	12.73	<=24	Pass
NVNT	ac20	5200	11.25	0.17	11.42	<=24	Pass
NVNT	ac20	5240	10.87	0.17	11.04	<=24	Pass
NVNT	ac40	5190	11.72	0.34	12.06	<=24	Pass
NVNT	ac40	5230	10.74	0.34	11.08	<=24	Pass
NVNT	ac80	5210	11.21	0.65	11.86	<=24	Pass

Test Graphs

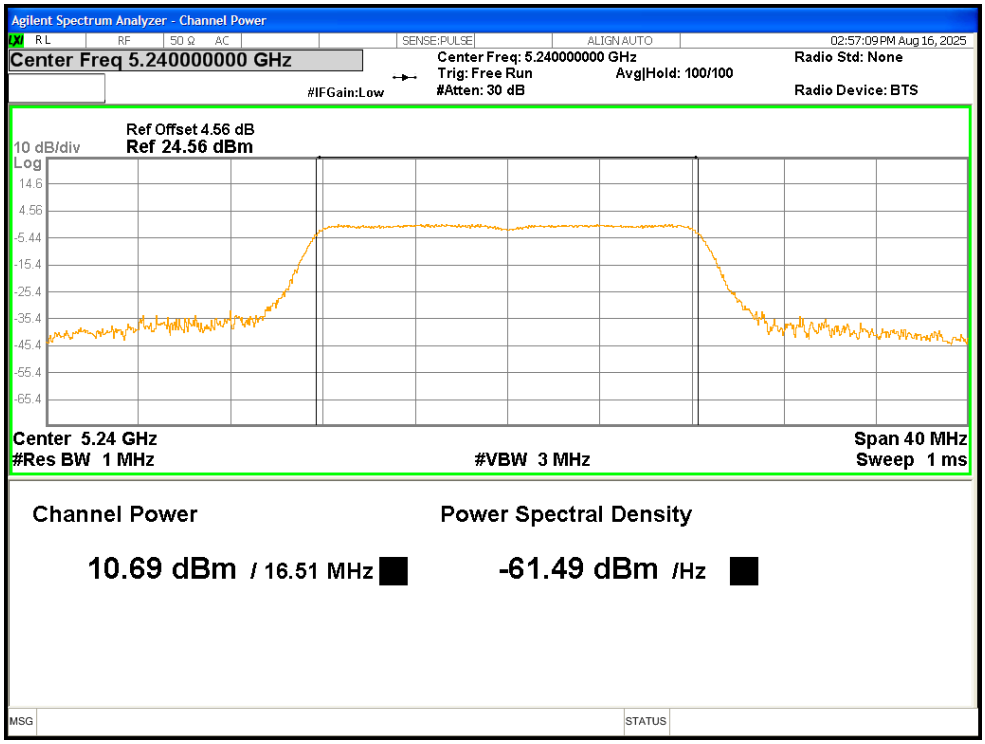
Power NVNT a 5180MHz



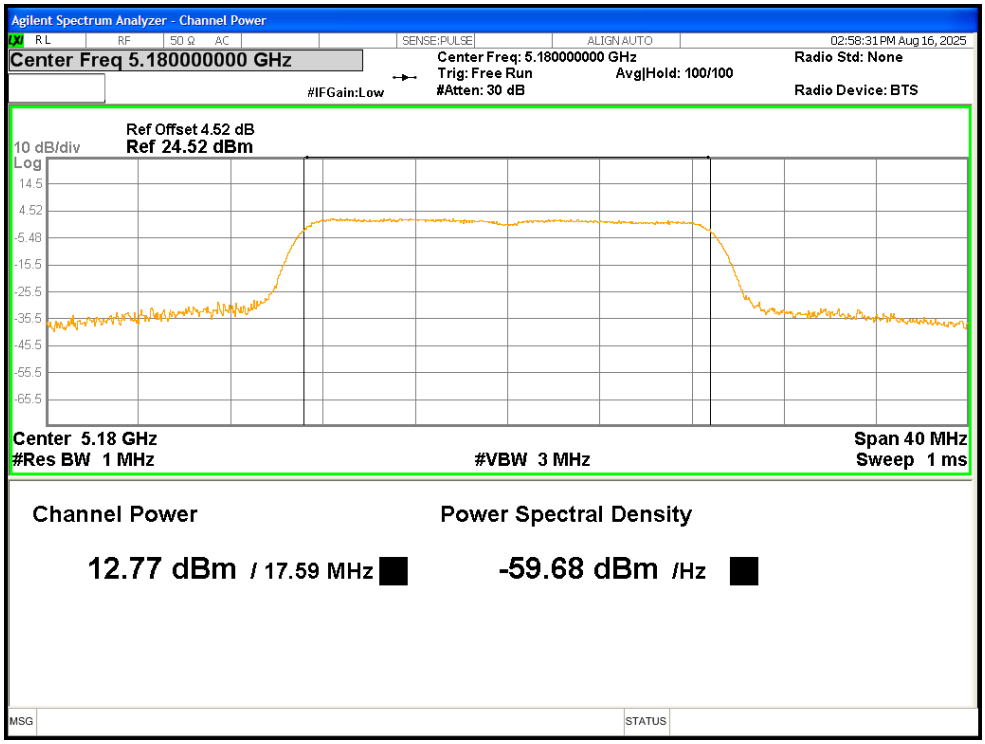
Power NVNT a 5200MHz



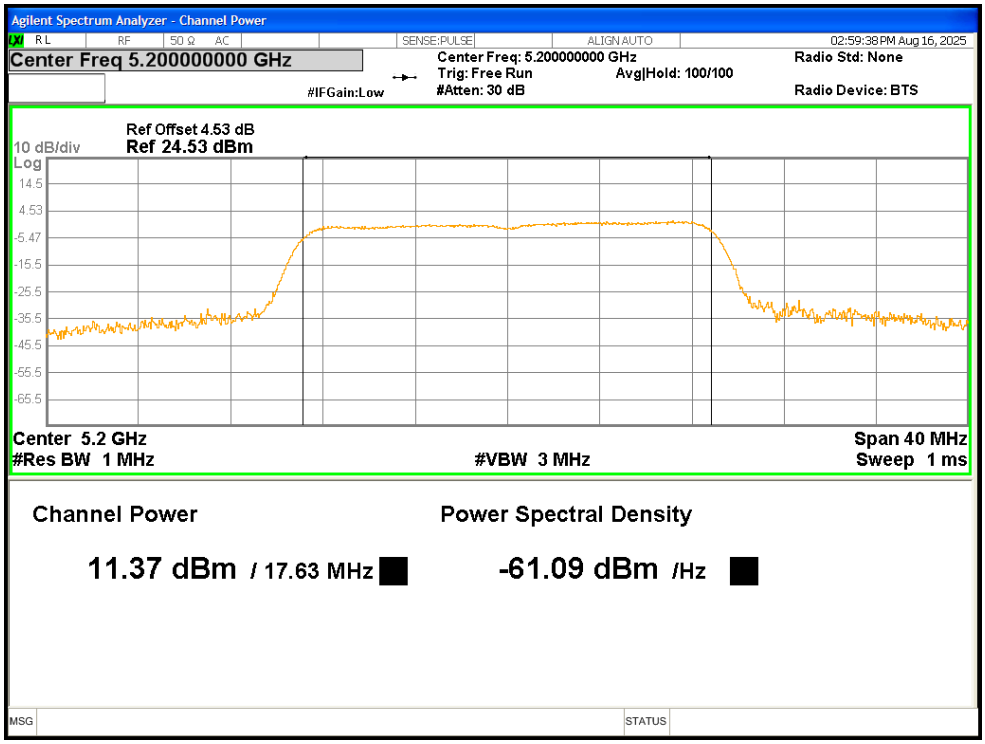
Power NVNT a 5240MHz



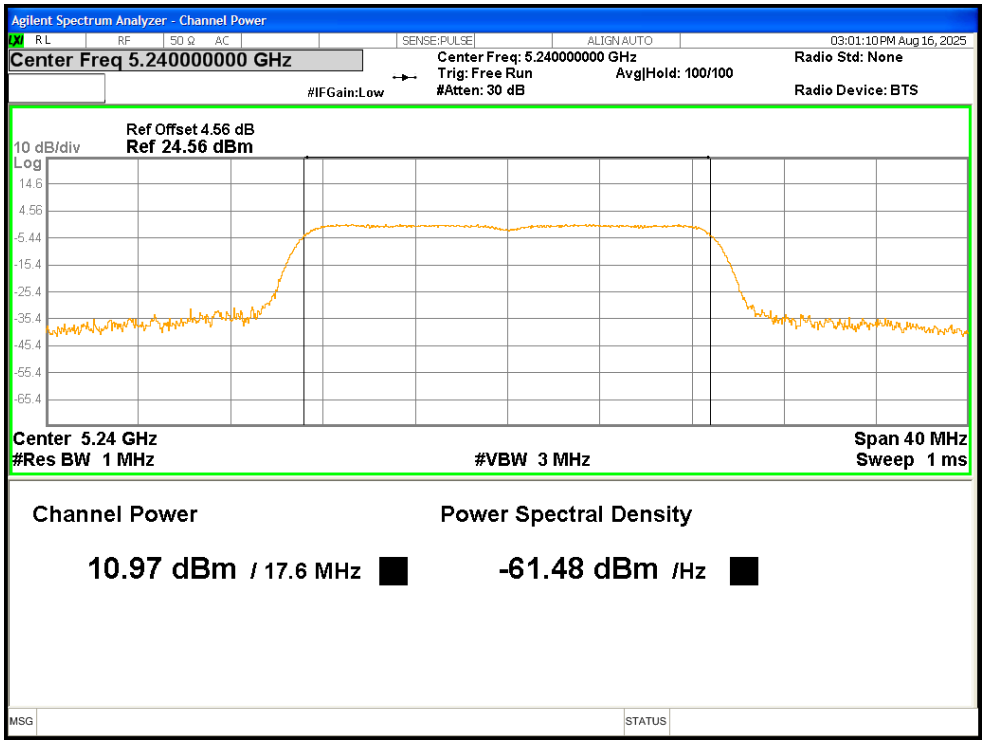
Power NVNT n20 5180MHz



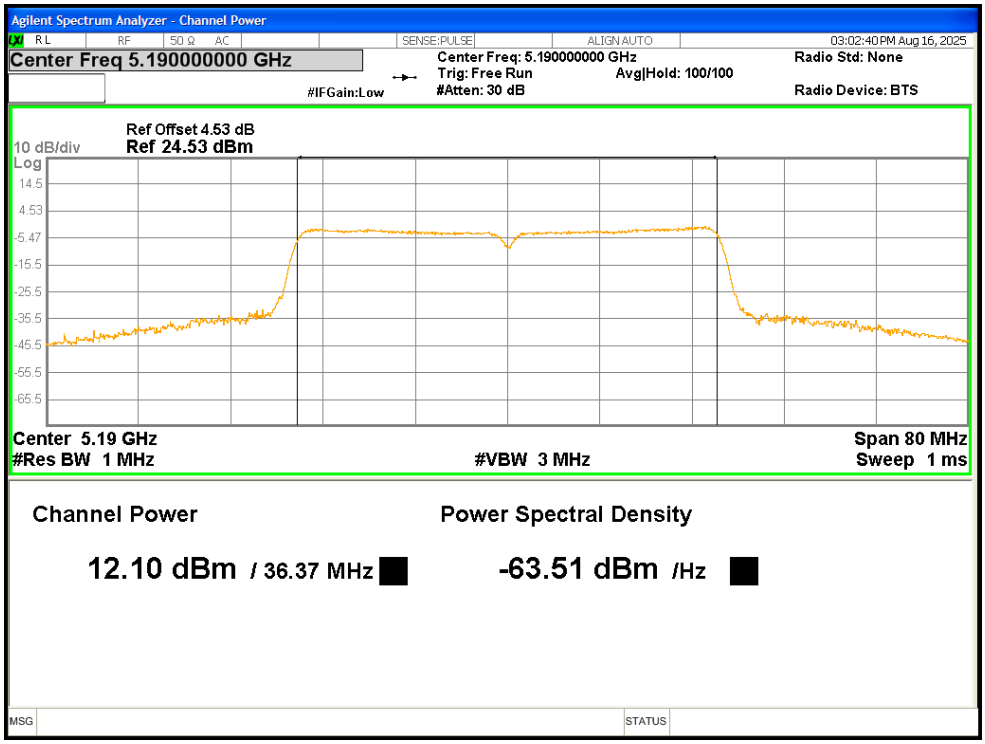
Power NVNT n20 5200MHz



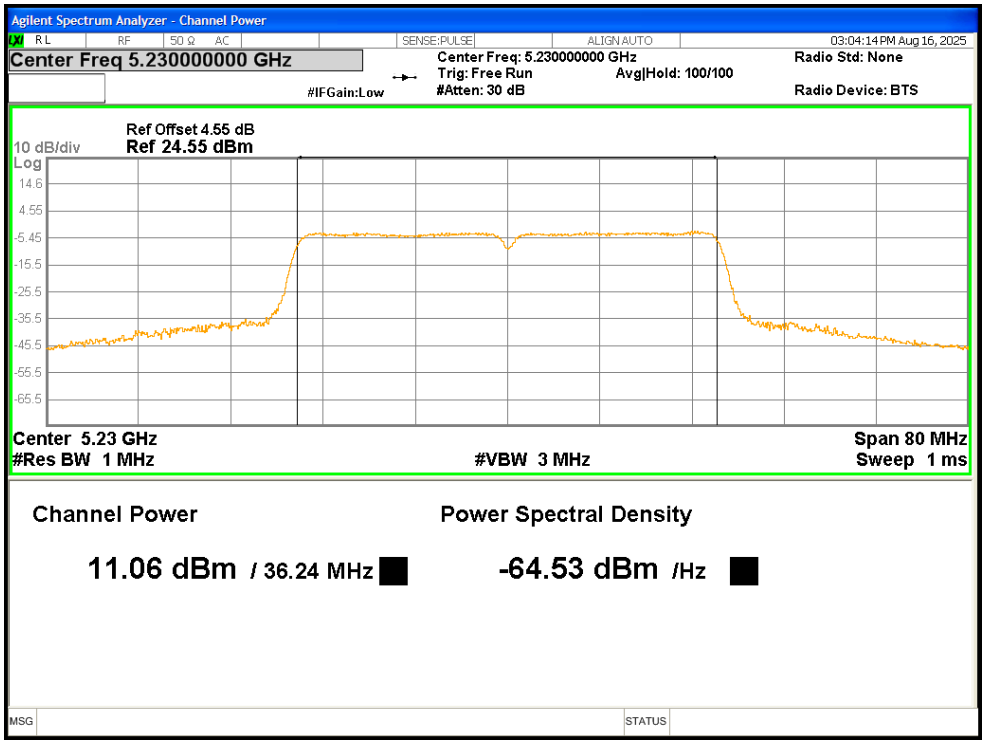
Power NVNT n20 5240MHz



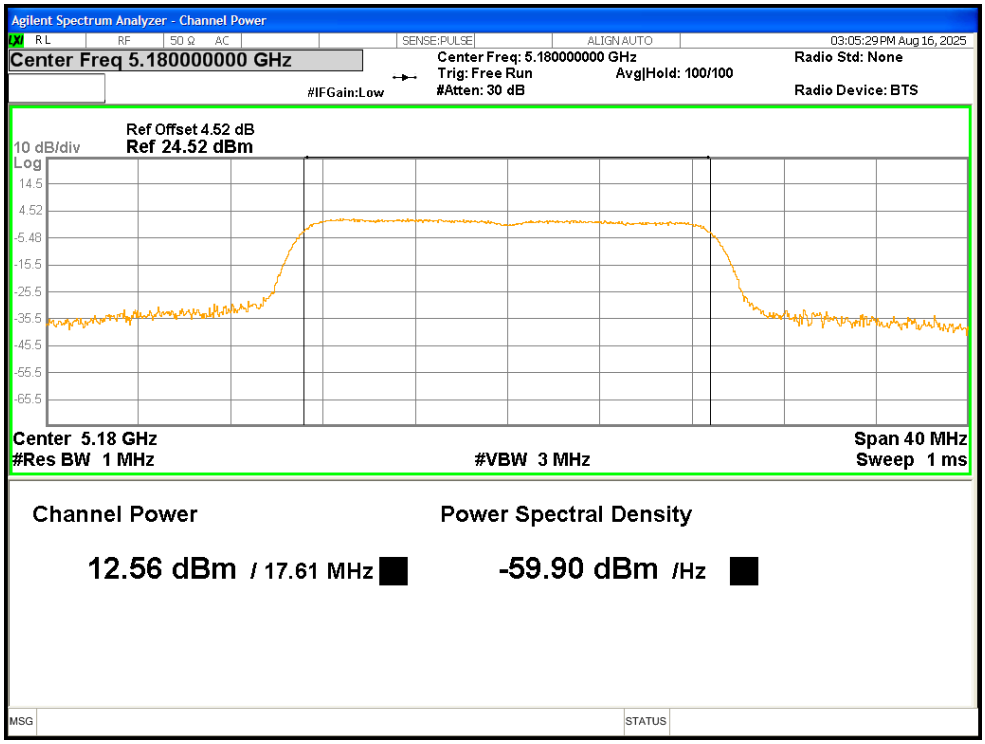
Power NVNT n40 5190MHz



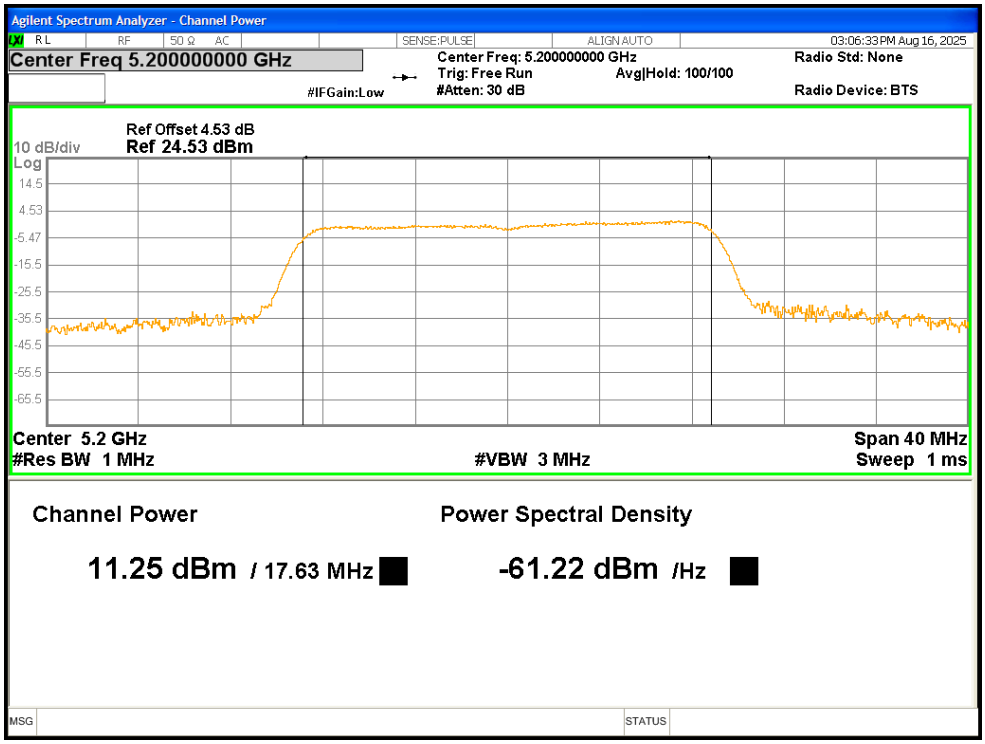
Power NVNT n40 5230MHz



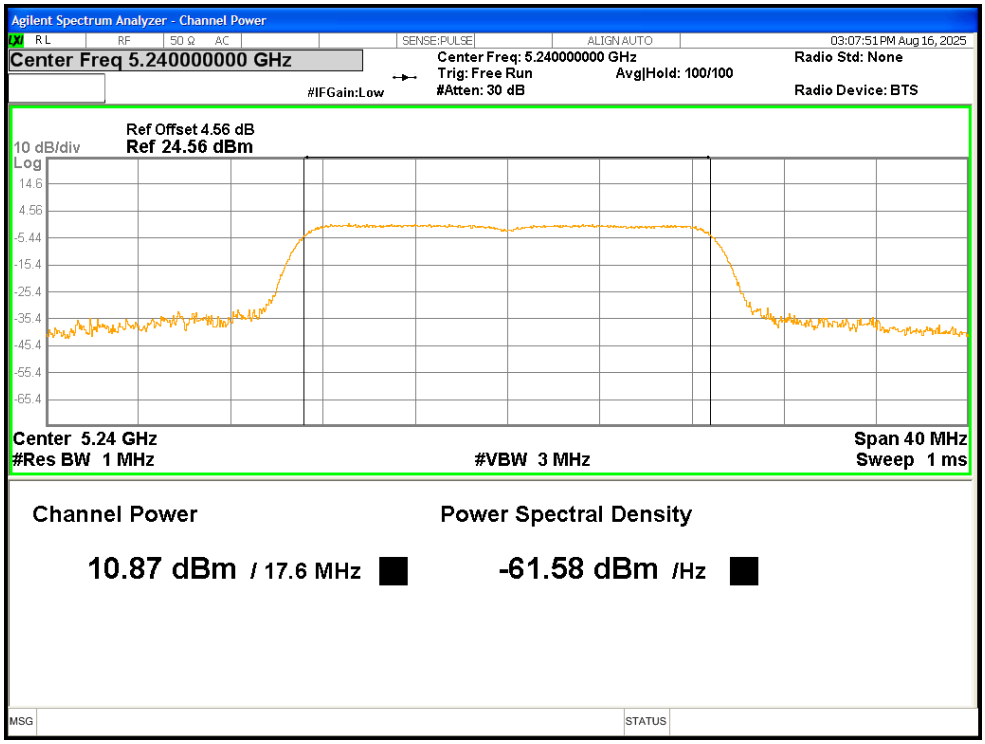
Power NVNT ac20 5180MHz



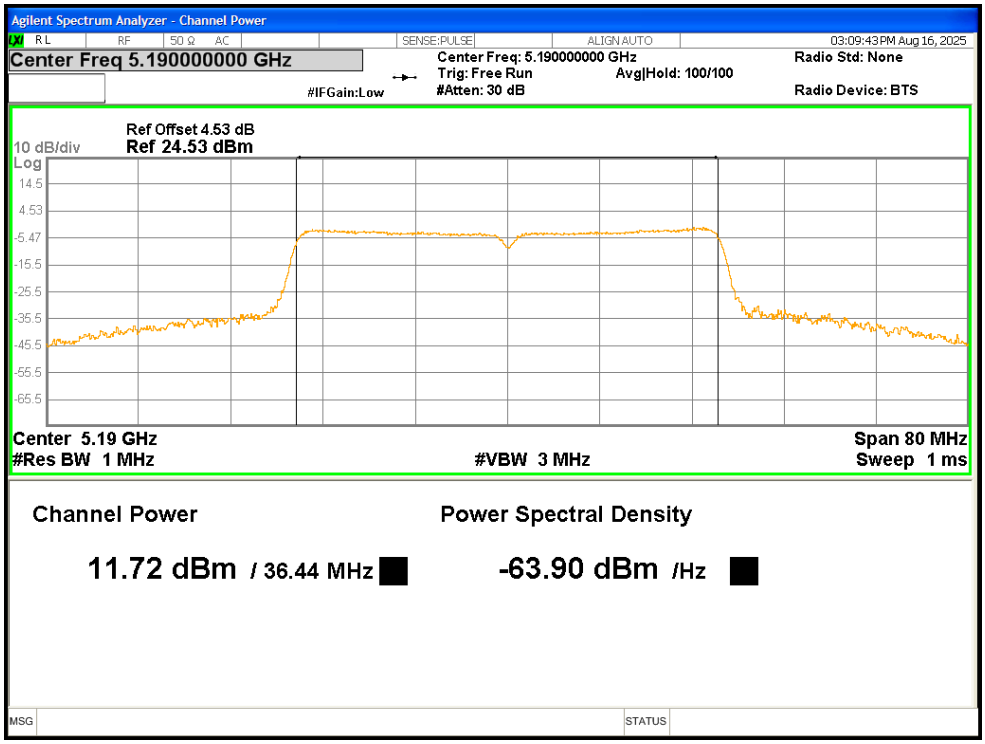
Power NVNT ac20 5200MHz



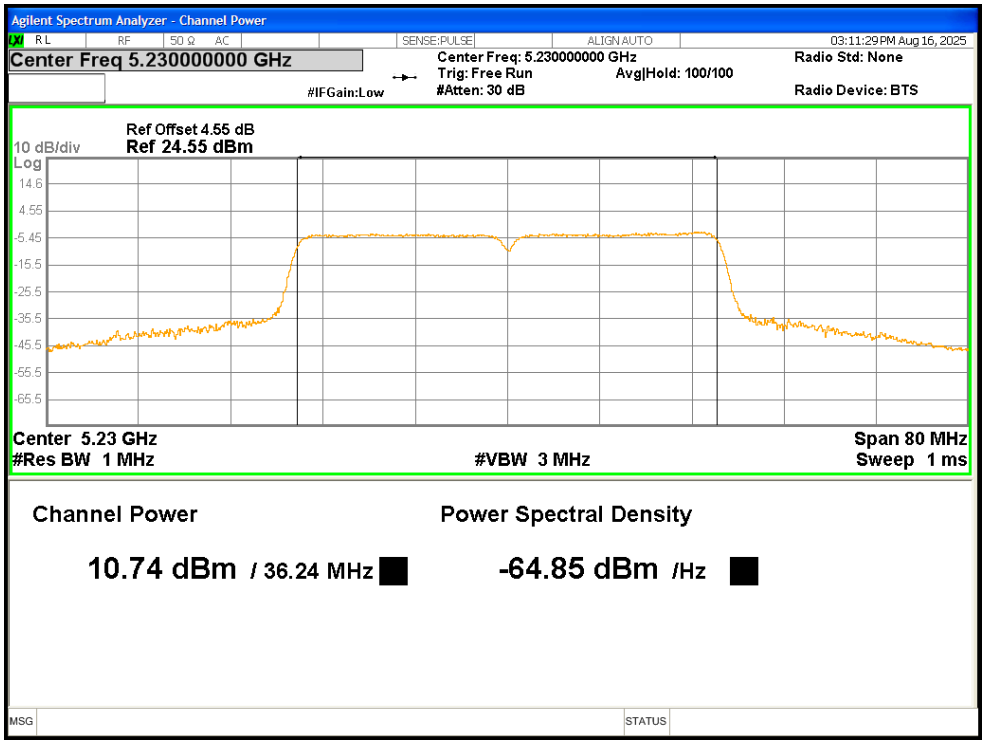
Power NVNT ac20 5240MHz



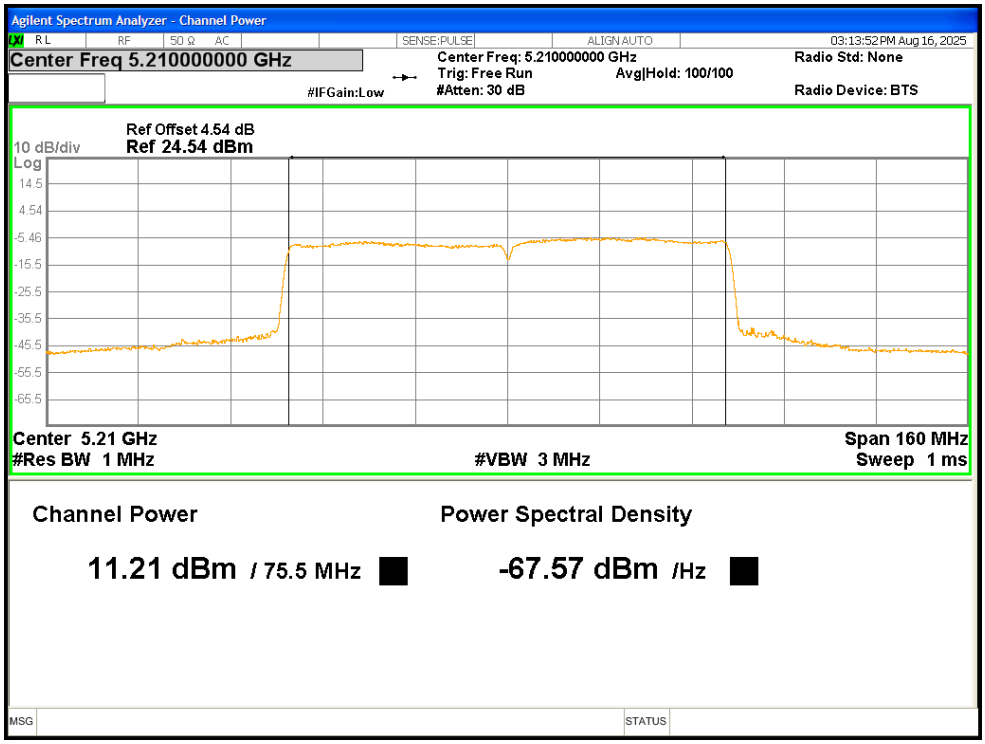
Power NVNT ac40 5190MHz



Power NVNT ac40 5230MHz



Power NVNT ac80 5210MHz

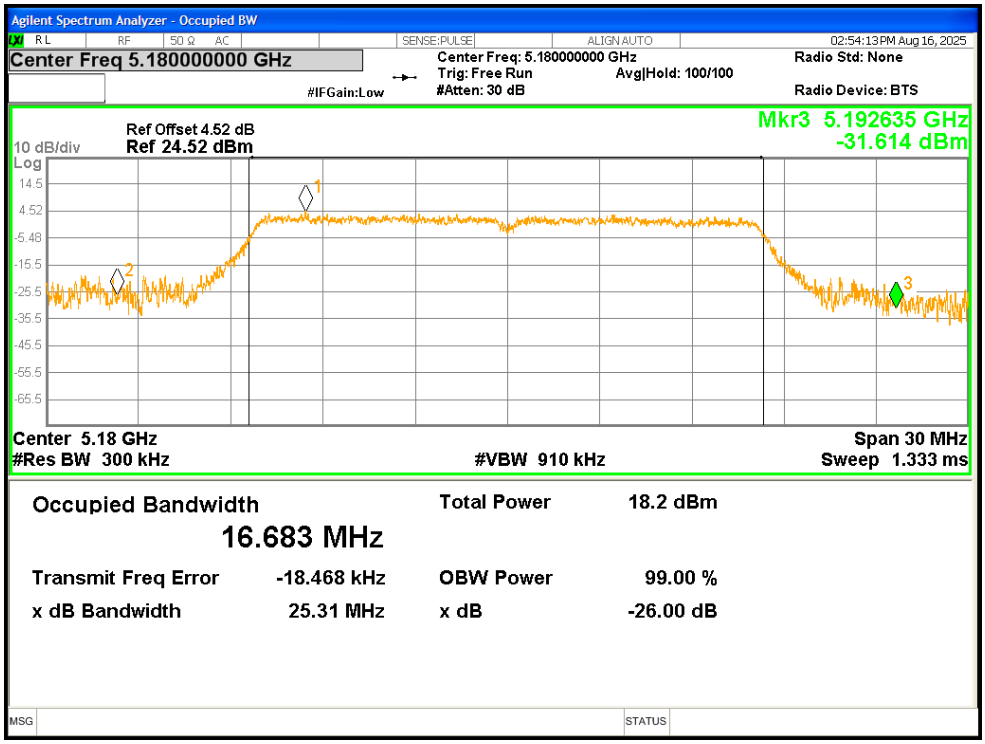


-26dB Bandwidth

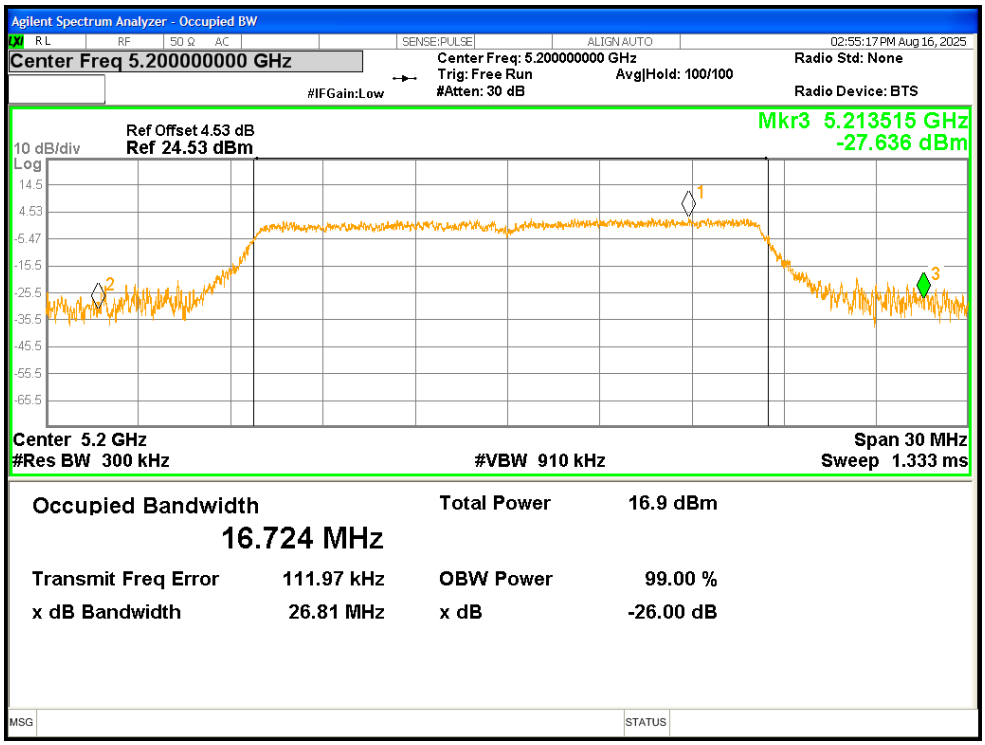
Condition	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	25.31	Pass
NVNT	a	5200	26.81	Pass
NVNT	a	5240	27.05	Pass
NVNT	n20	5180	26.95	Pass
NVNT	n20	5200	24.86	Pass
NVNT	n20	5240	27.36	Pass
NVNT	n40	5190	56.62	Pass
NVNT	n40	5230	53.47	Pass
NVNT	ac20	5180	27.39	Pass
NVNT	ac20	5200	27.24	Pass
NVNT	ac20	5240	28.81	Pass
NVNT	ac40	5190	58.15	Pass
NVNT	ac40	5230	54.62	Pass
NVNT	ac80	5210	88.36	Pass

Test Graphs

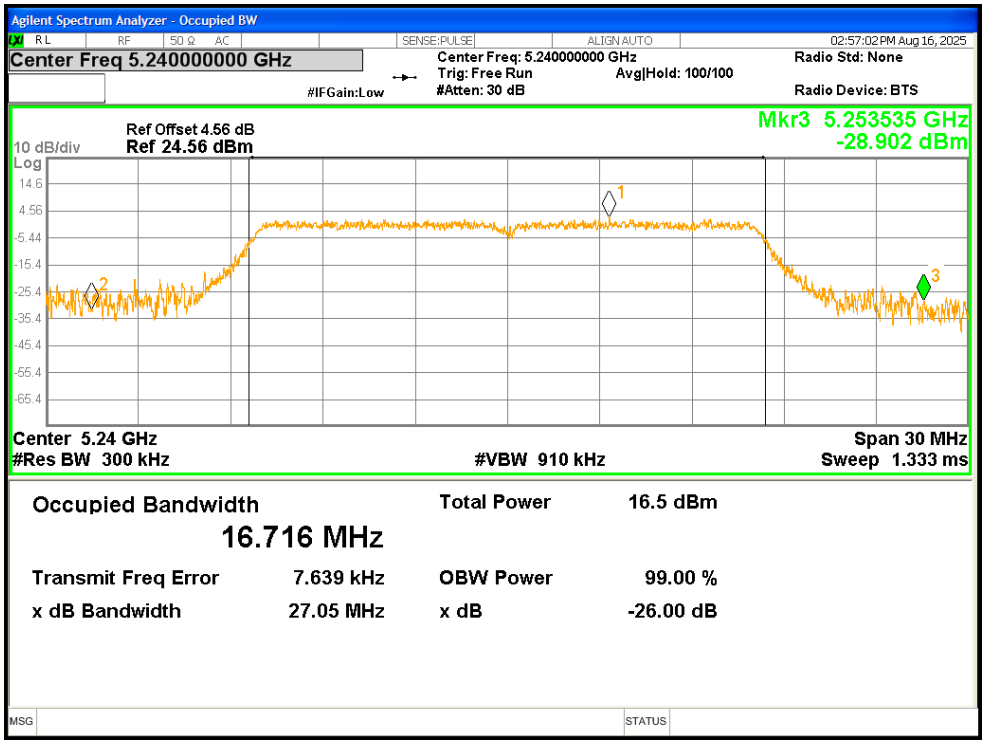
-26dB Bandwidth NVNT a 5180MHz



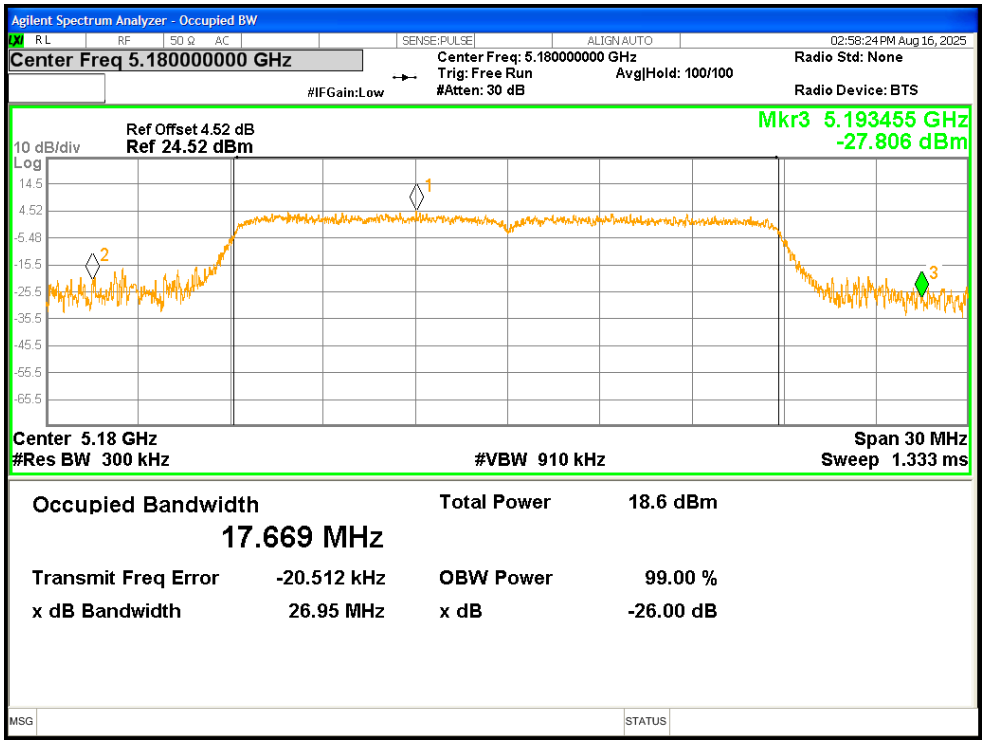
-26dB Bandwidth NVNT a 5200MHz



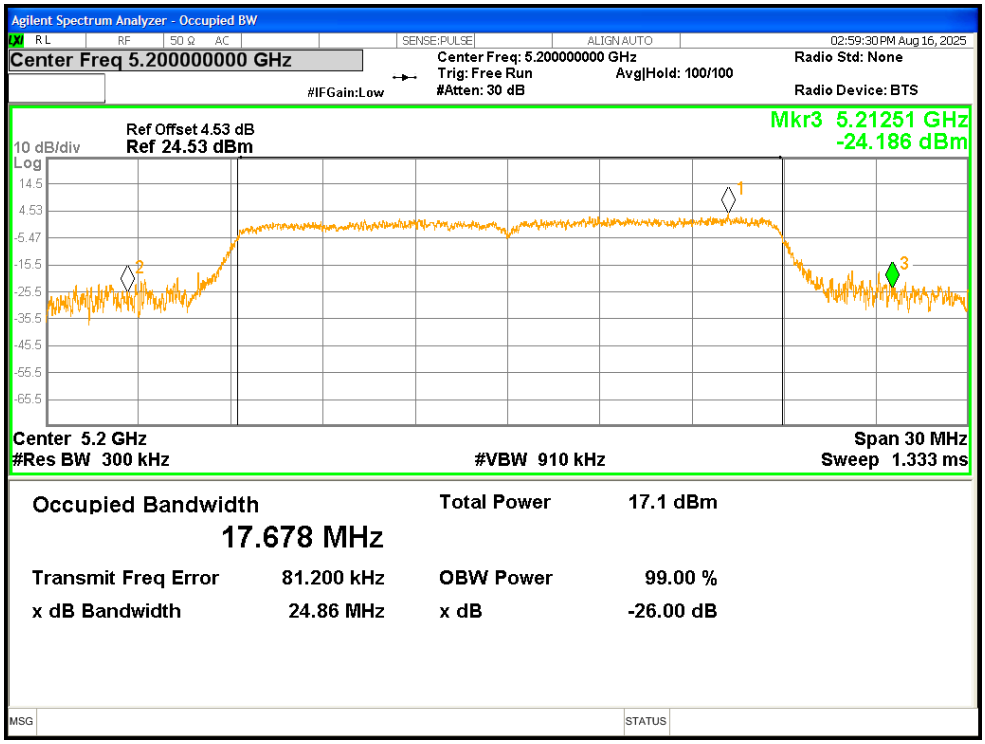
-26dB Bandwidth NVNT a 5240MHz



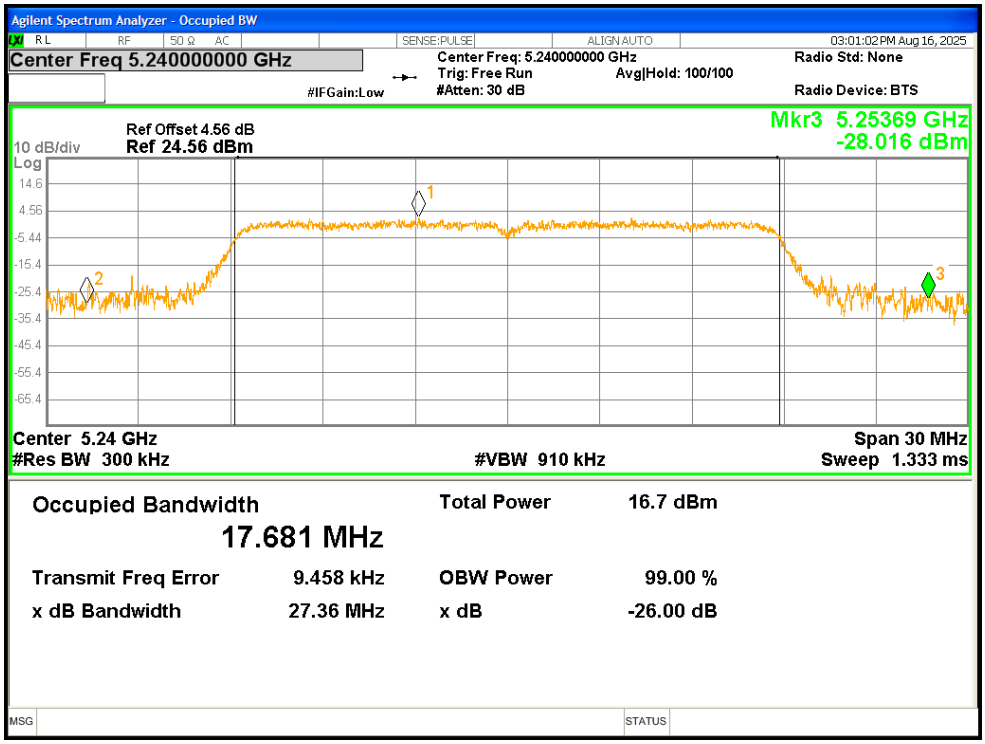
-26dB Bandwidth NVNT n20 5180MHz



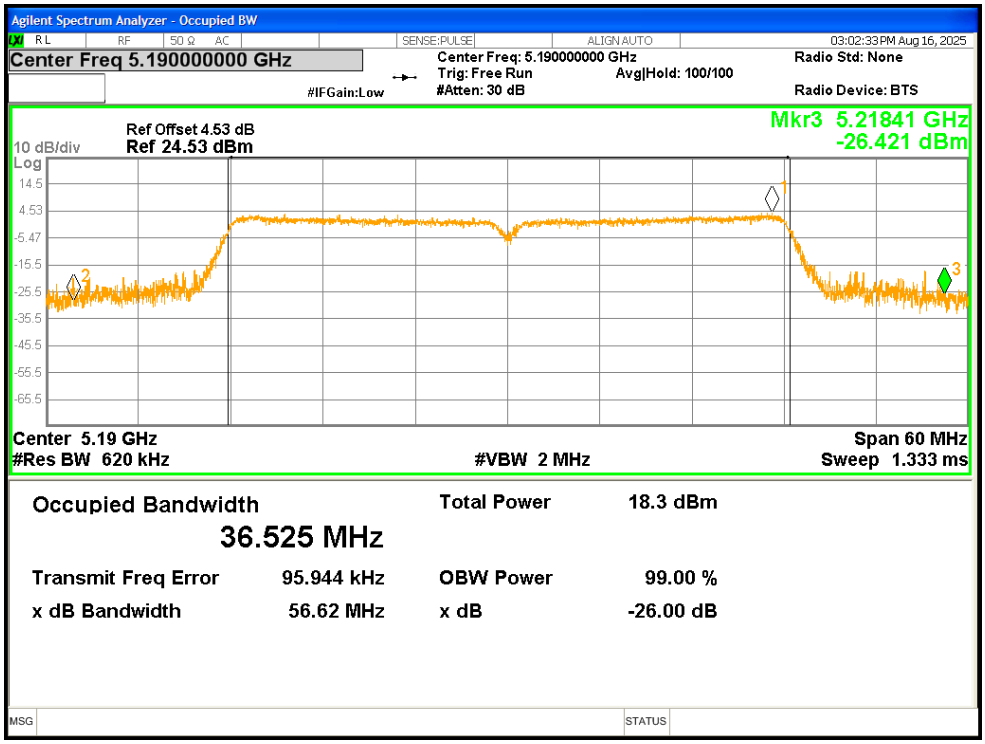
-26dB Bandwidth NVNT n20 5200MHz



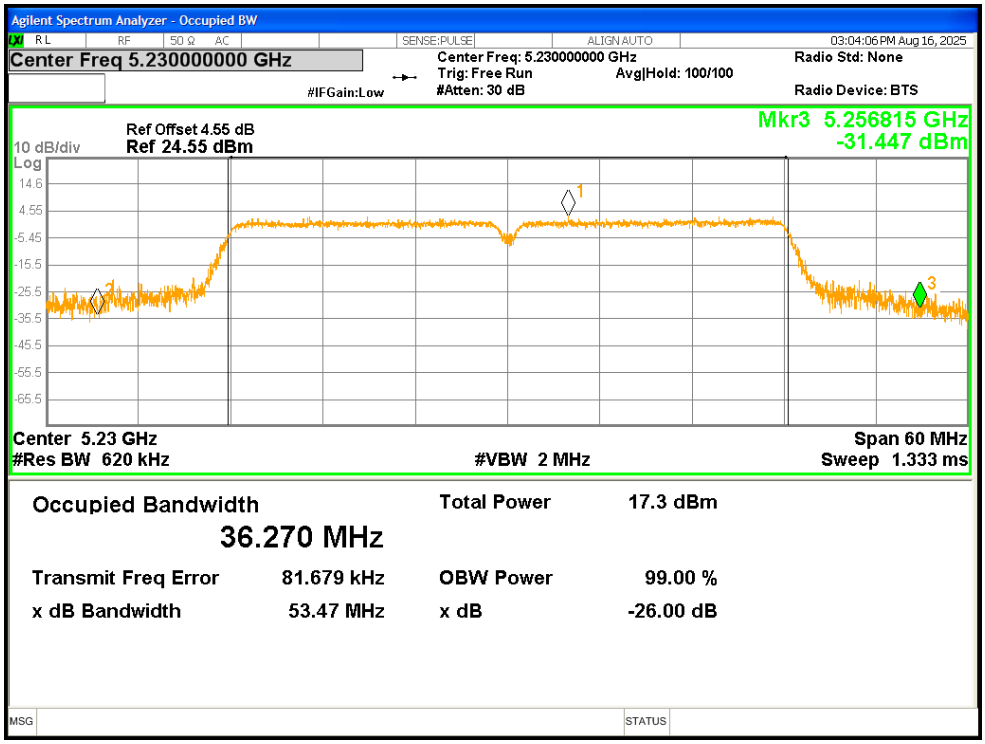
-26dB Bandwidth NVNT n20 5240MHz



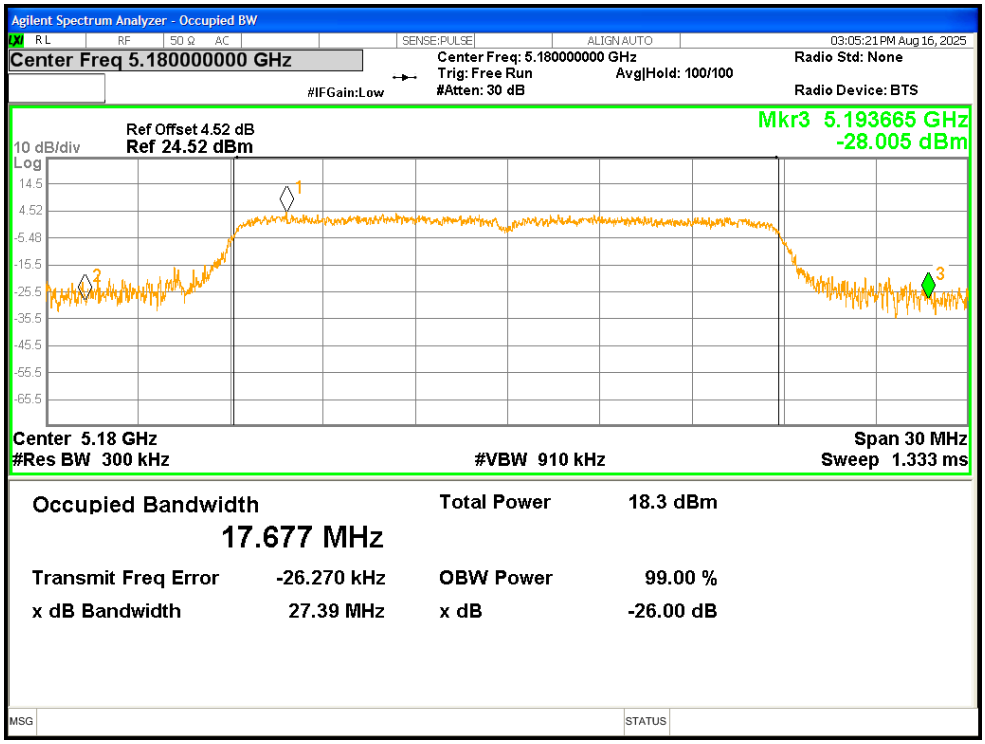
-26dB Bandwidth NVNT n40 5190MHz



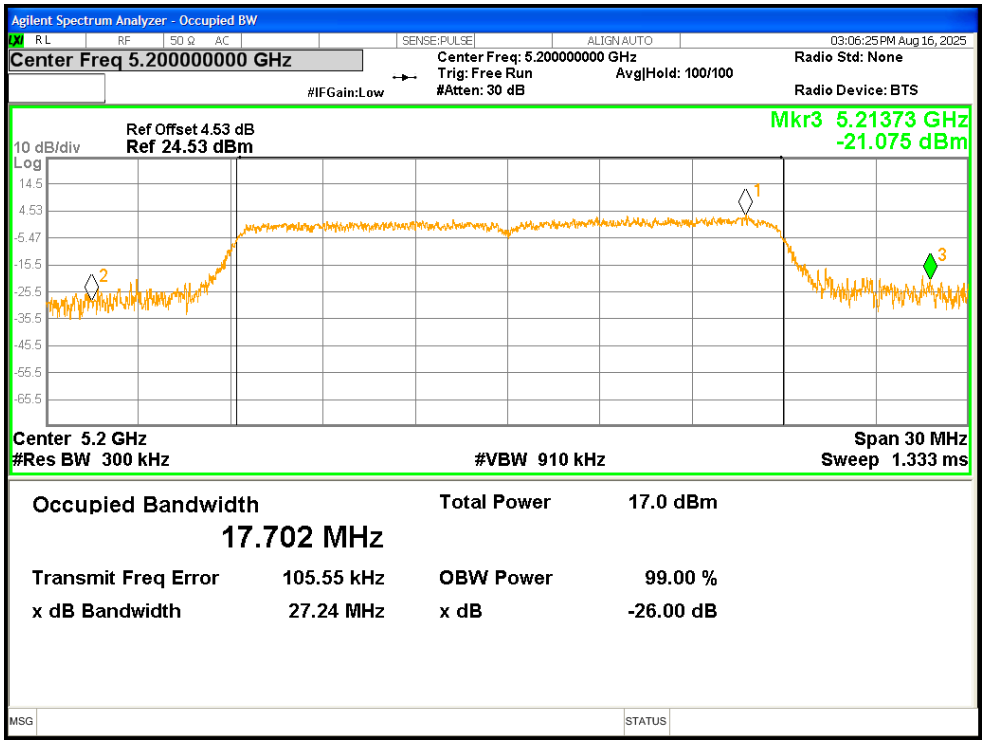
-26dB Bandwidth NVNT n40 5230MHz



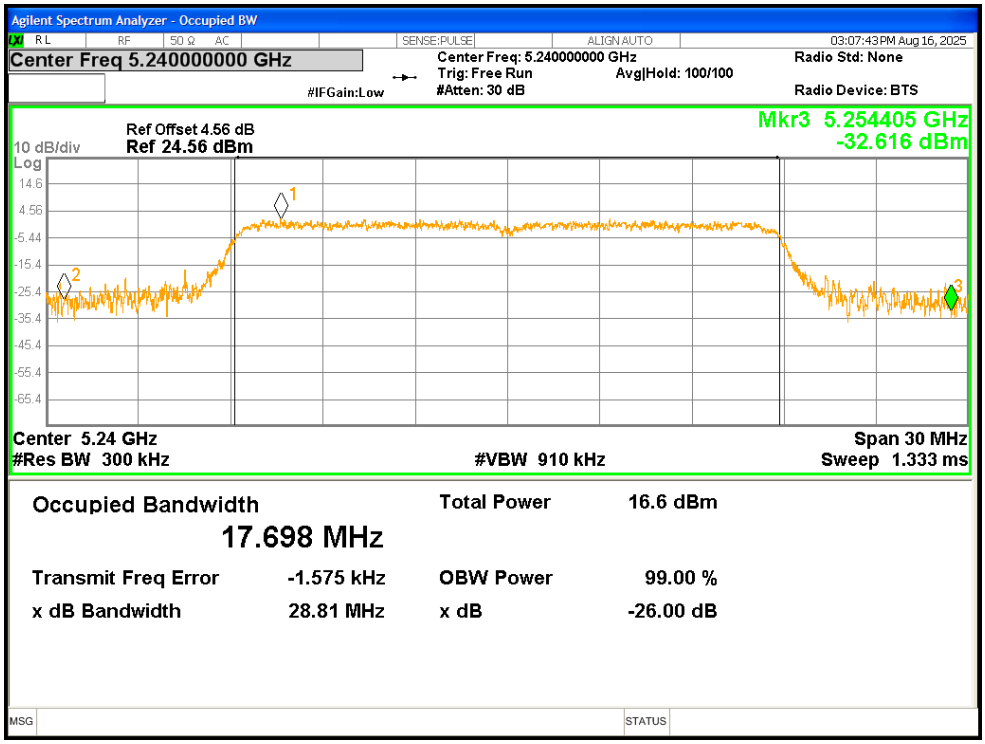
-26dB Bandwidth NVNT ac20 5180MHz



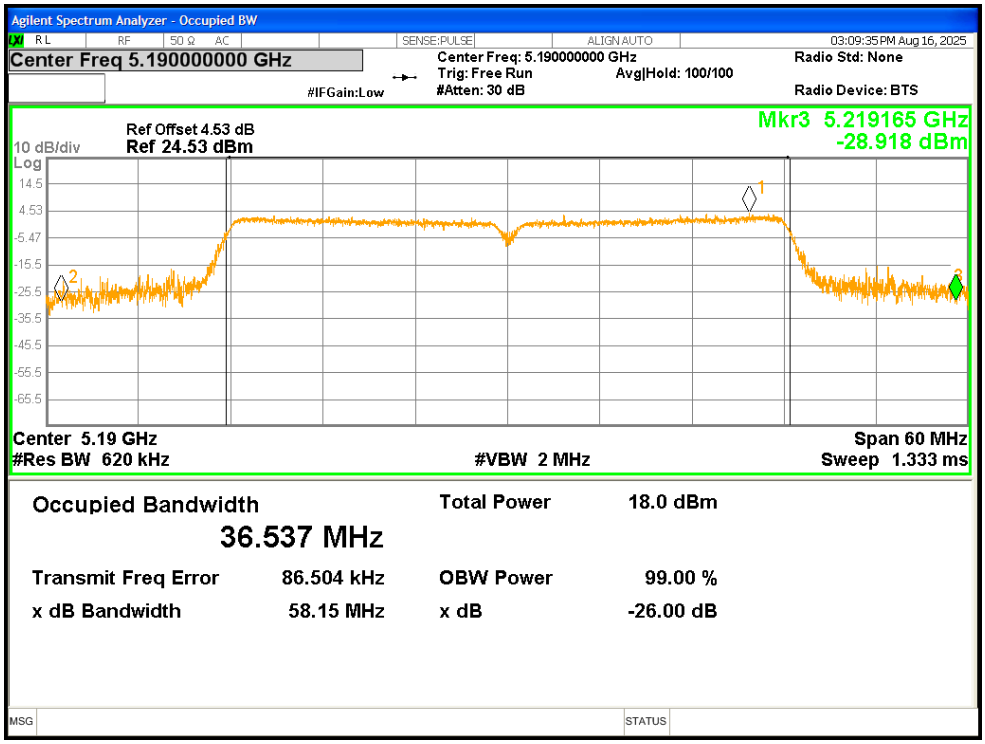
-26dB Bandwidth NVNT ac20 5200MHz



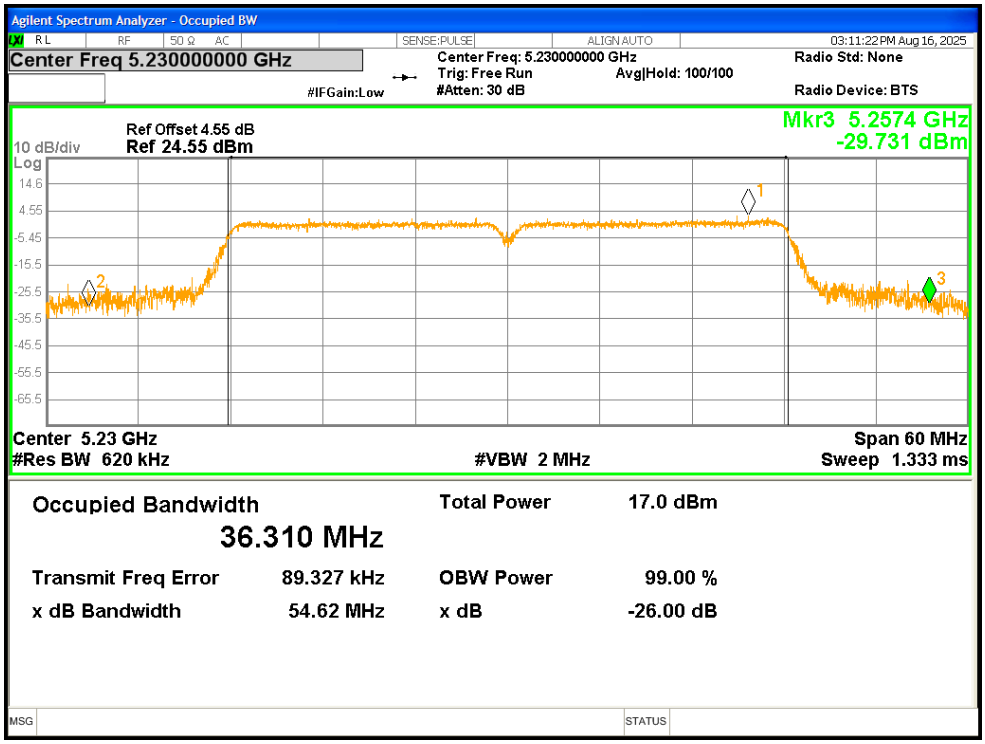
-26dB Bandwidth NVNT ac20 5240MHz



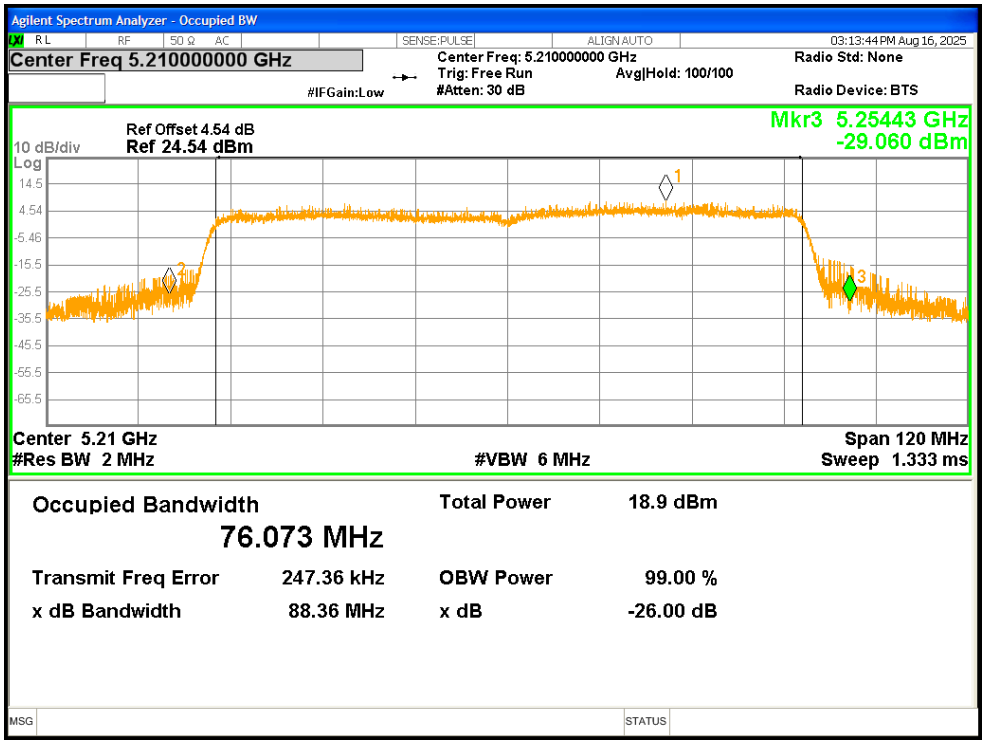
-26dB Bandwidth NVNT ac40 5190MHz



-26dB Bandwidth NVNT ac40 5230MHz



-26dB Bandwidth NVNT ac80 5210MHz

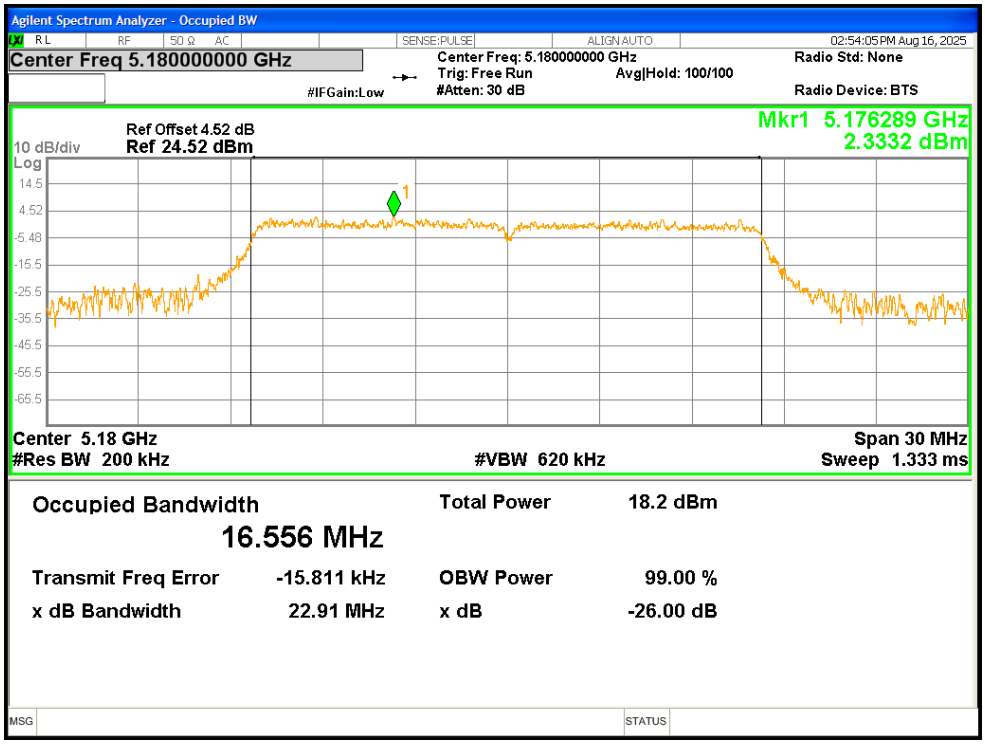


Occupied Channel Bandwidth

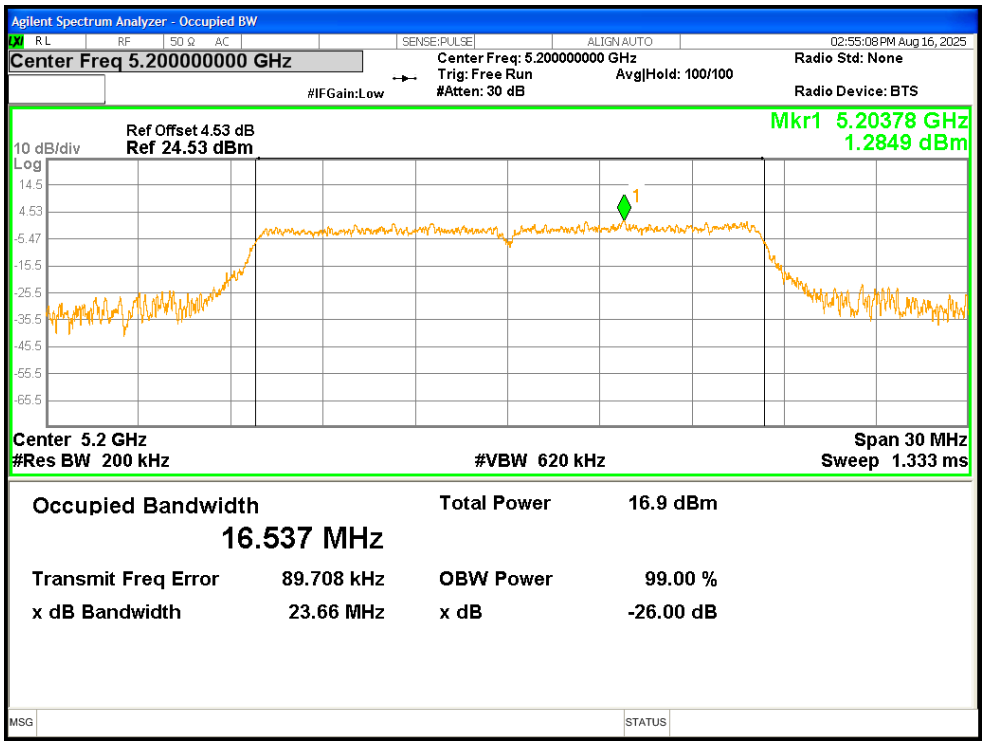
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5180	16.556
NVNT	a	5200	16.537
NVNT	a	5240	16.511
NVNT	n20	5180	17.59
NVNT	n20	5200	17.628
NVNT	n20	5240	17.604
NVNT	n40	5190	36.365
NVNT	n40	5230	36.242
NVNT	ac20	5180	17.606
NVNT	ac20	5200	17.633
NVNT	ac20	5240	17.604
NVNT	ac40	5190	36.438
NVNT	ac40	5230	36.239
NVNT	ac80	5210	75.497

Test Graphs

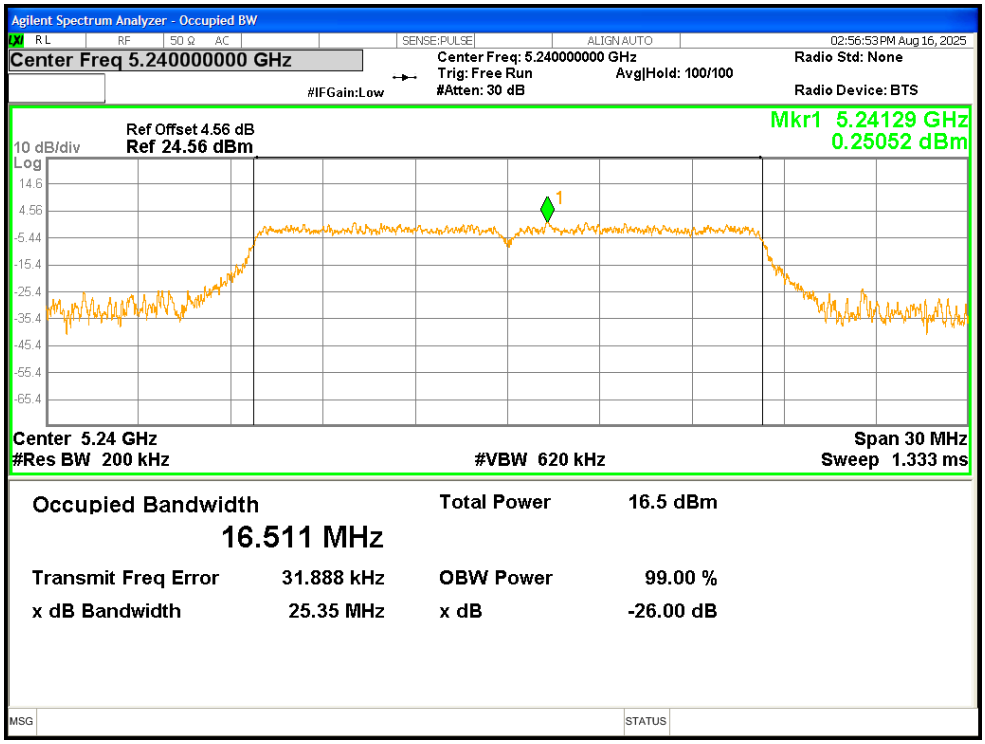
OBW NVNT a 5180MHz



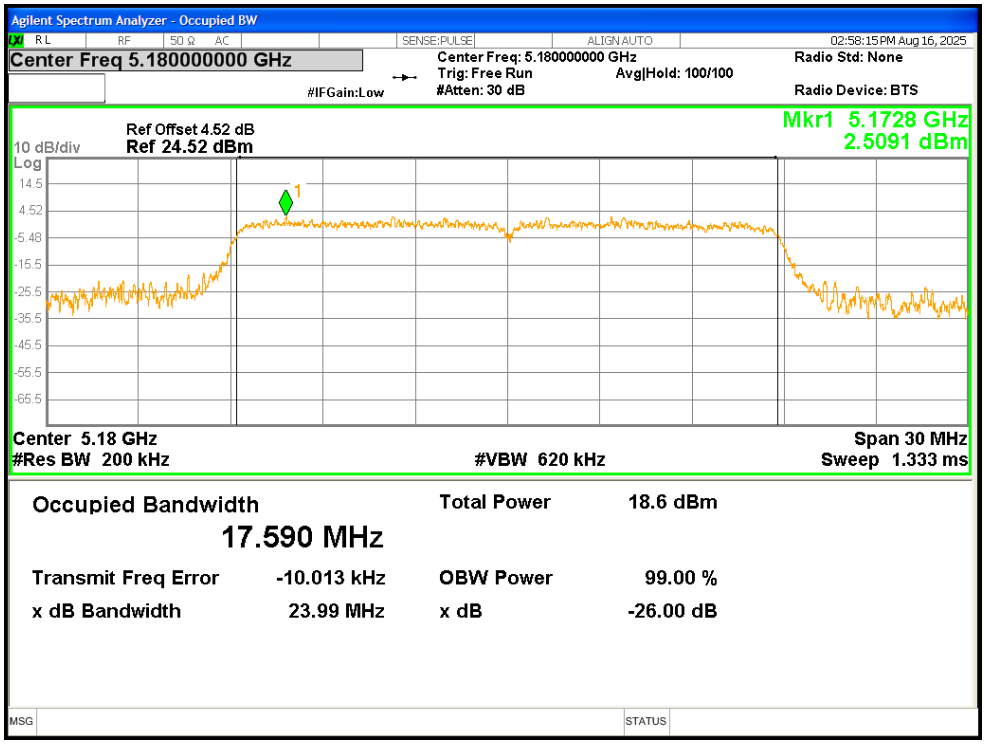
OBW NVNT a 5200MHz



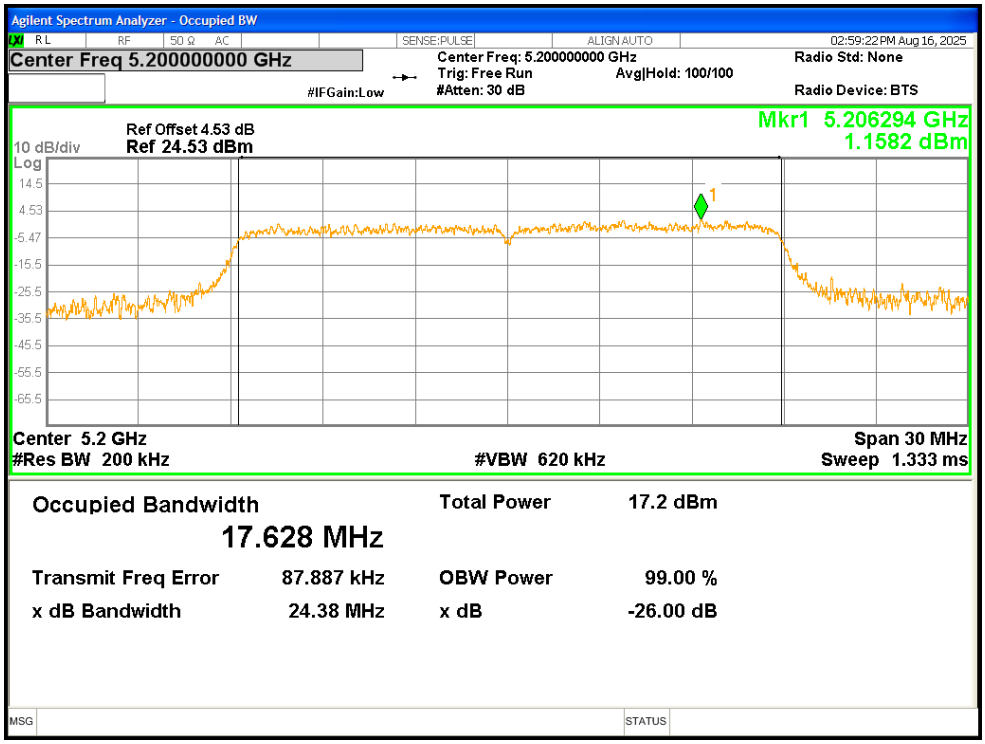
OBW NVNT a 5240MHz



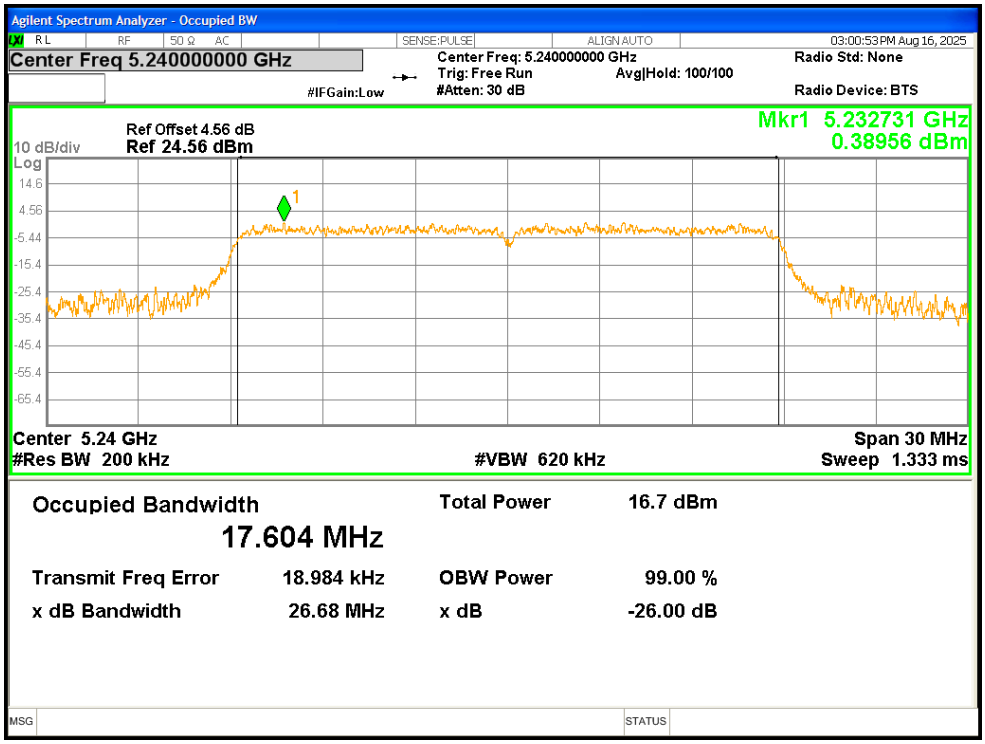
OBW NVNT n20 5180MHz



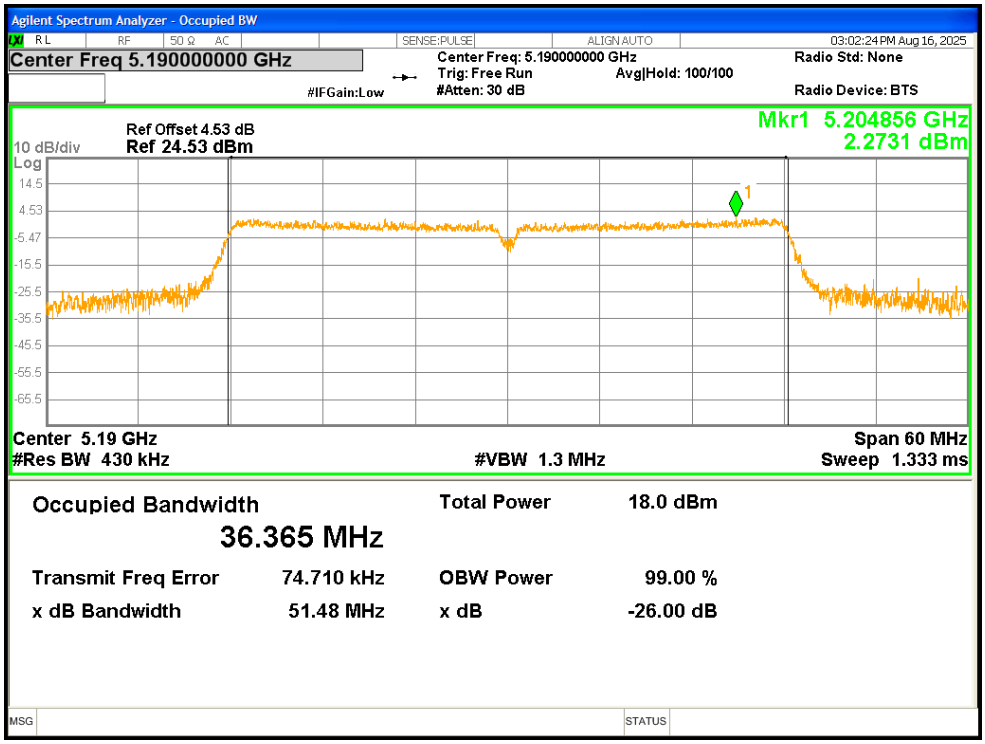
OBW NVNT n20 5200MHz



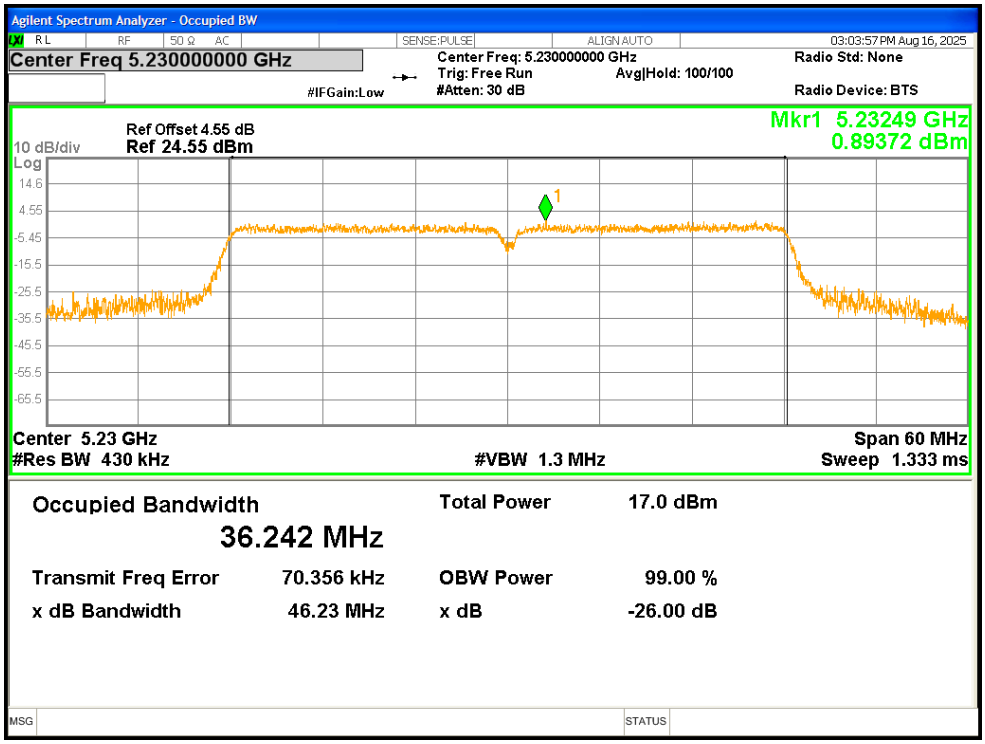
OBW NVNT n20 5240MHz



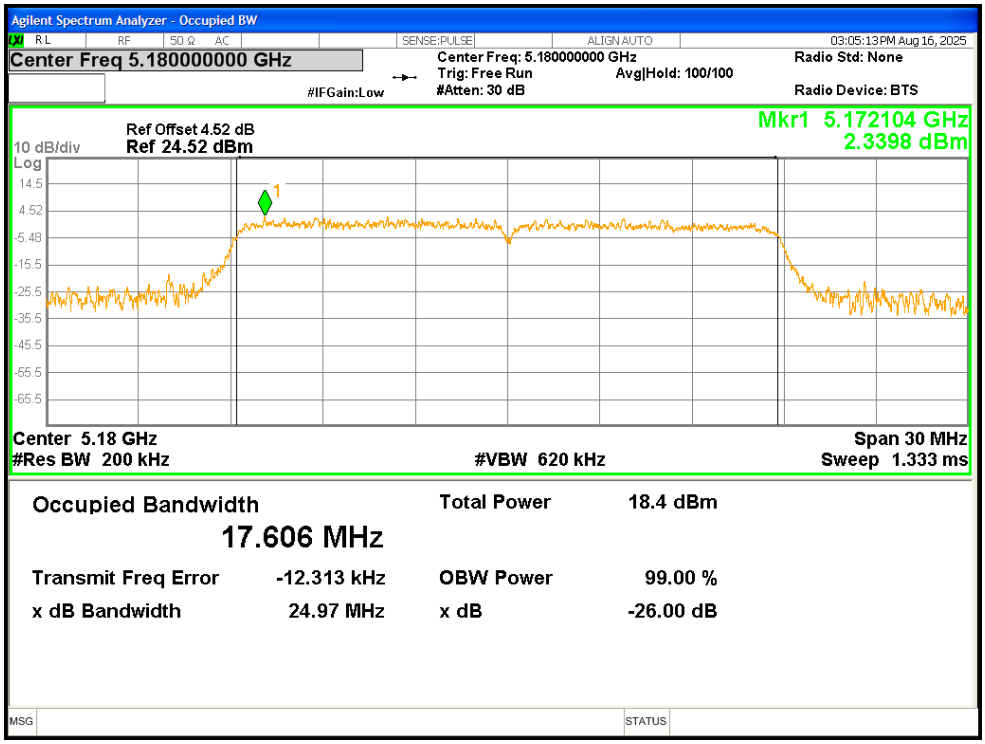
OBW NVNT n40 5190MHz



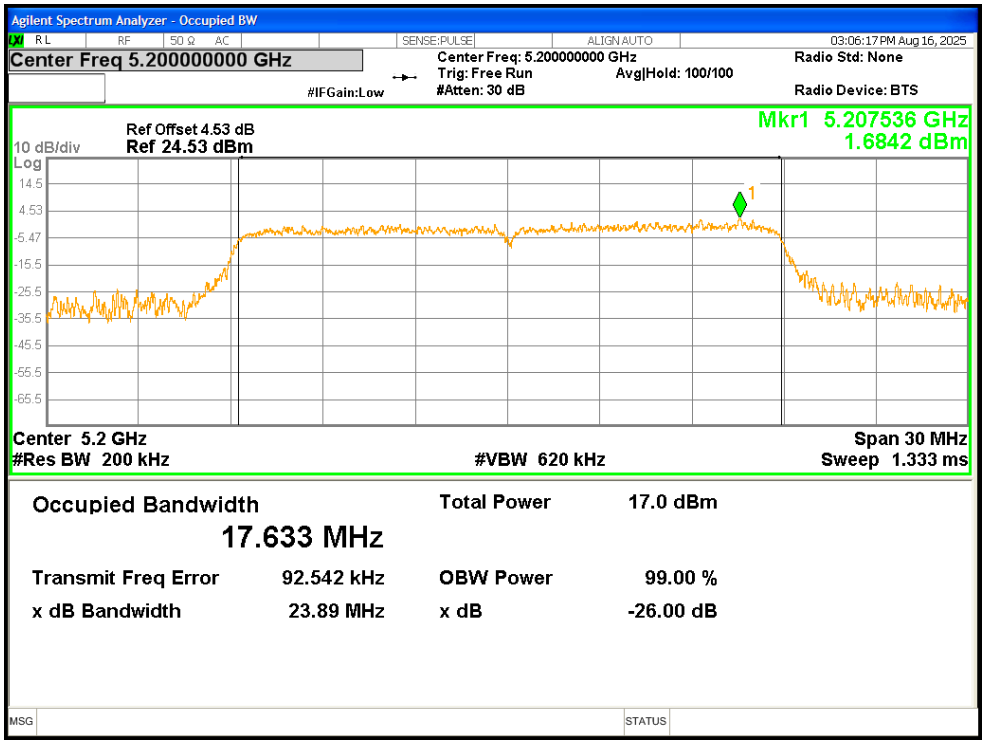
OBW NVNT n40 5230MHz



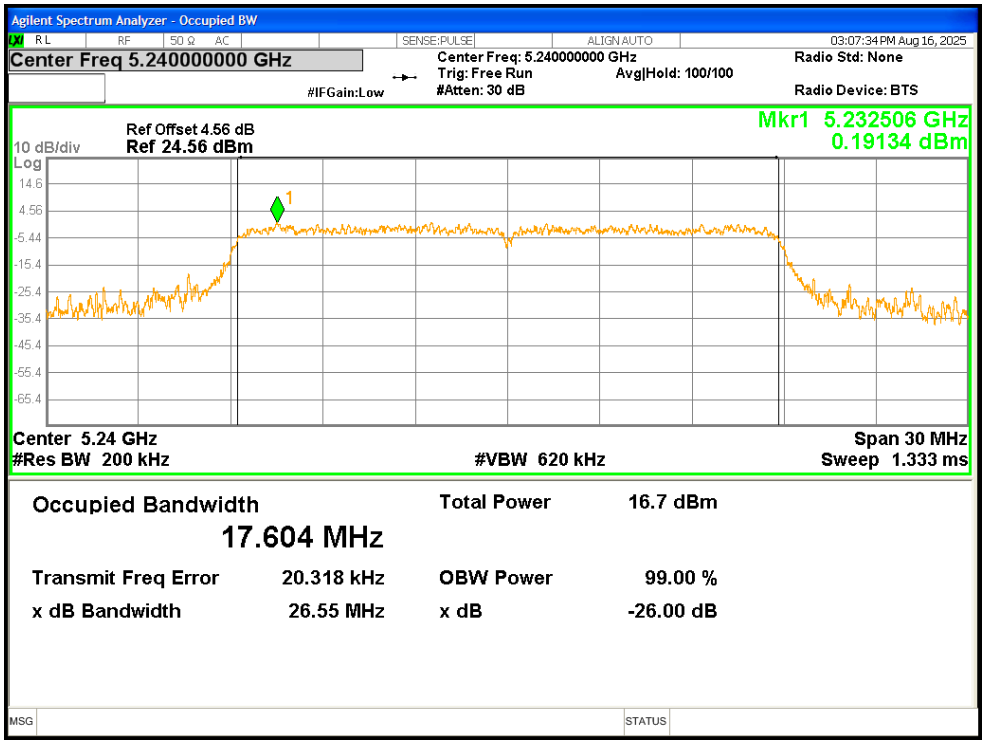
OBW NVNT ac20 5180MHz



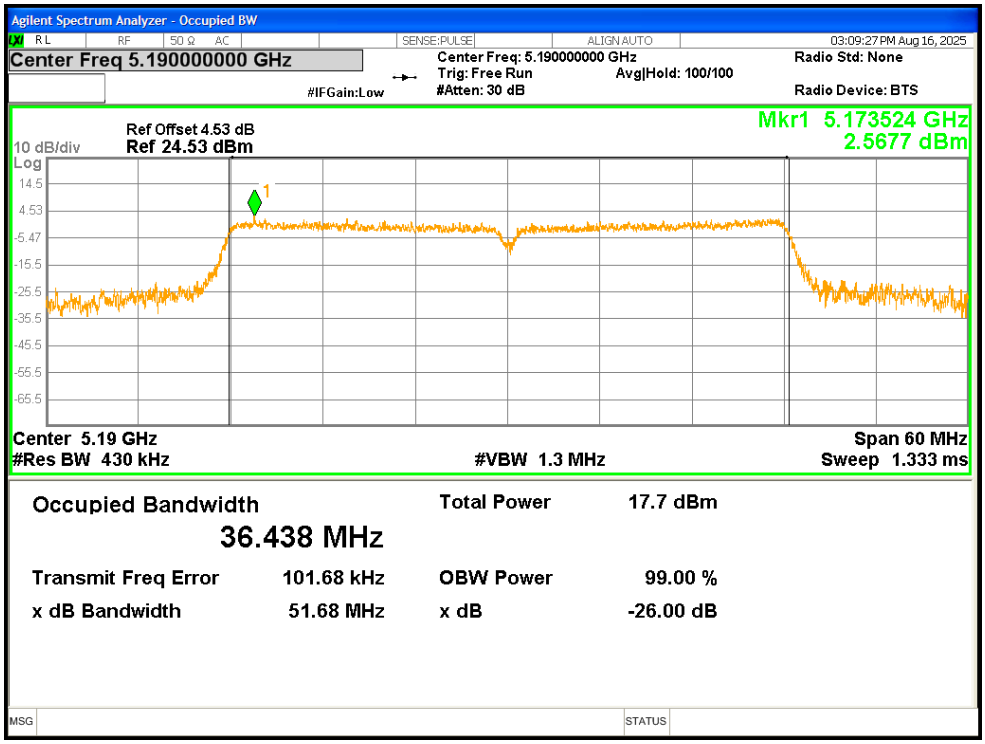
OBW NVNT ac20 5200MHz



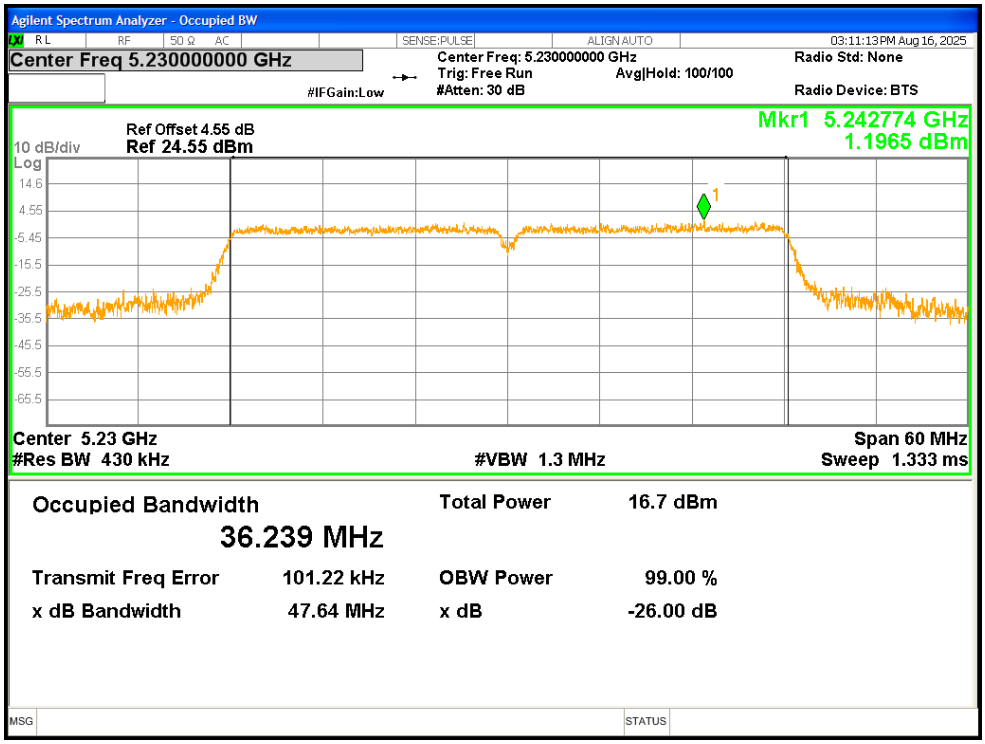
OBW NVNT ac20 5240MHz



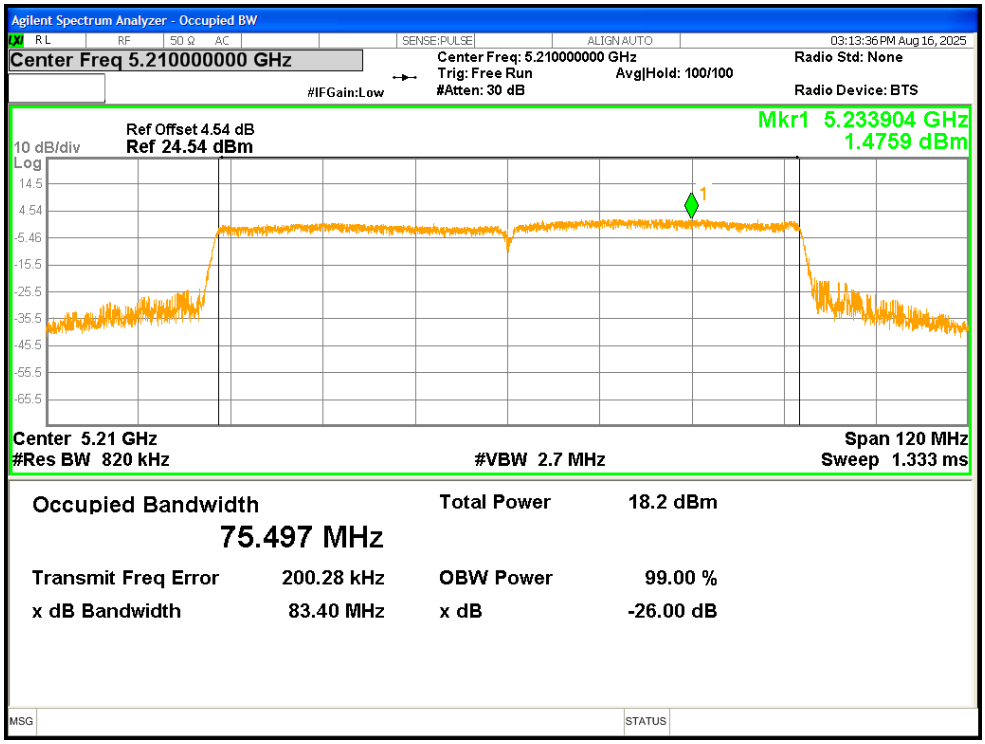
OBW NVNT ac40 5190MHz



OBW NVNT ac40 5230MHz



OBW NVNT ac80 5210MHz

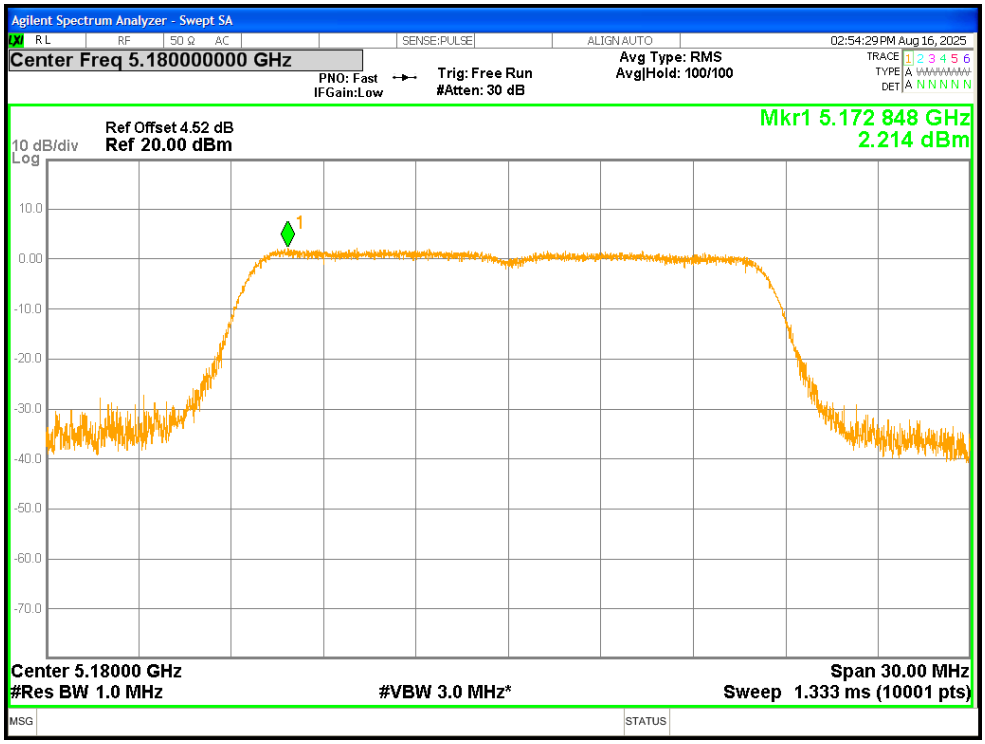


Maximum Power Spectral Density Level

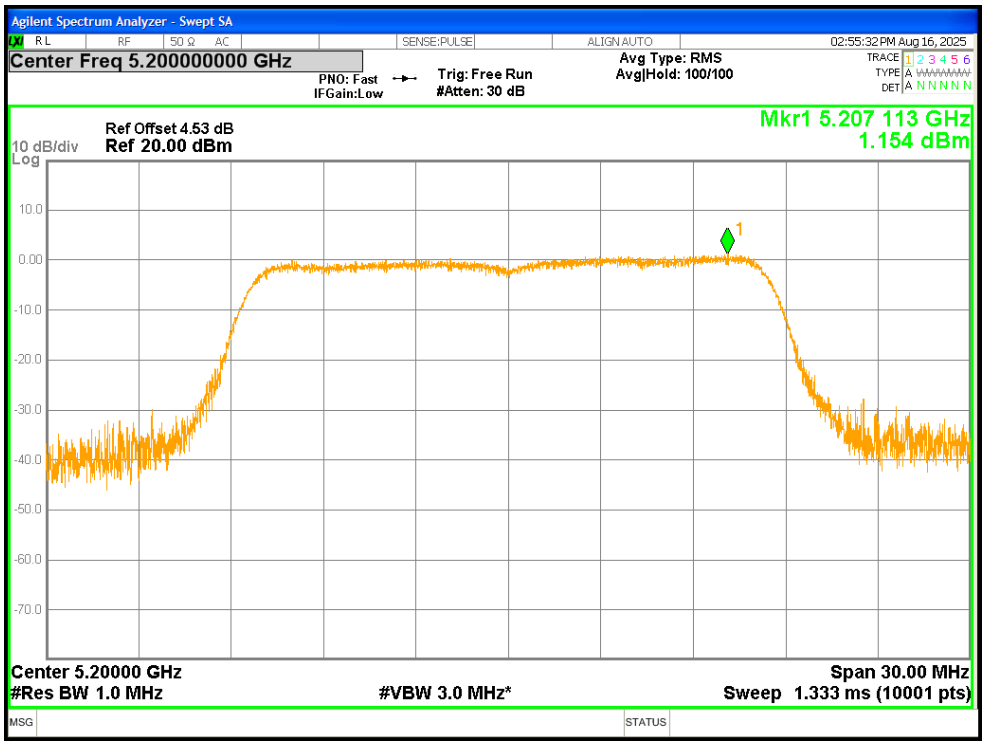
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Correction Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	2.214	0.16	2.374	<=11	Pass
NVNT	a	5200	1.154	0.16	1.314	<=11	Pass
NVNT	a	5240	0.096	0.16	0.256	<=11	Pass
NVNT	n20	5180	2.41	0.18	2.59	<=11	Pass
NVNT	n20	5200	1.324	0.17	1.494	<=11	Pass
NVNT	n20	5240	0.255	0.18	0.435	<=11	Pass
NVNT	n40	5190	-1.159	0.35	-0.809	<=11	Pass
NVNT	n40	5230	-2.55	0.33	-2.22	<=11	Pass
NVNT	ac20	5180	2.097	0.17	2.267	<=11	Pass
NVNT	ac20	5200	1.268	0.17	1.438	<=11	Pass
NVNT	ac20	5240	0.085	0.17	0.255	<=11	Pass
NVNT	ac40	5190	-1.035	0.34	-0.695	<=11	Pass
NVNT	ac40	5230	-2.664	0.34	-2.324	<=11	Pass
NVNT	ac80	5210	-4.234	0.65	-3.584	<=11	Pass

Test Graphs

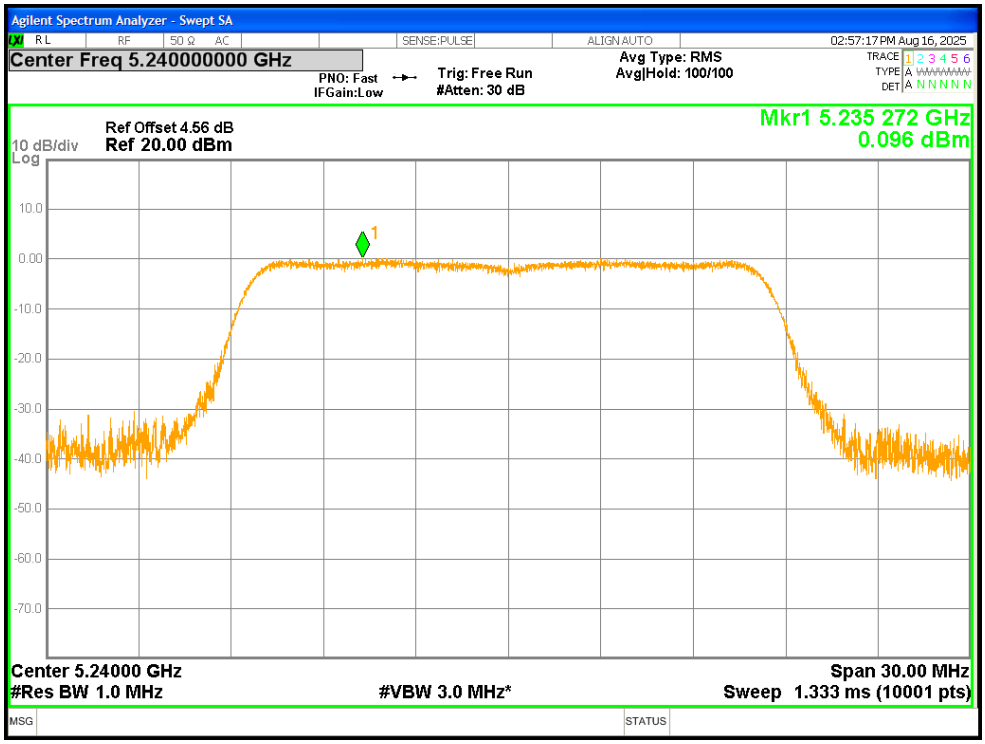
PSD NVNT a 5180MHz



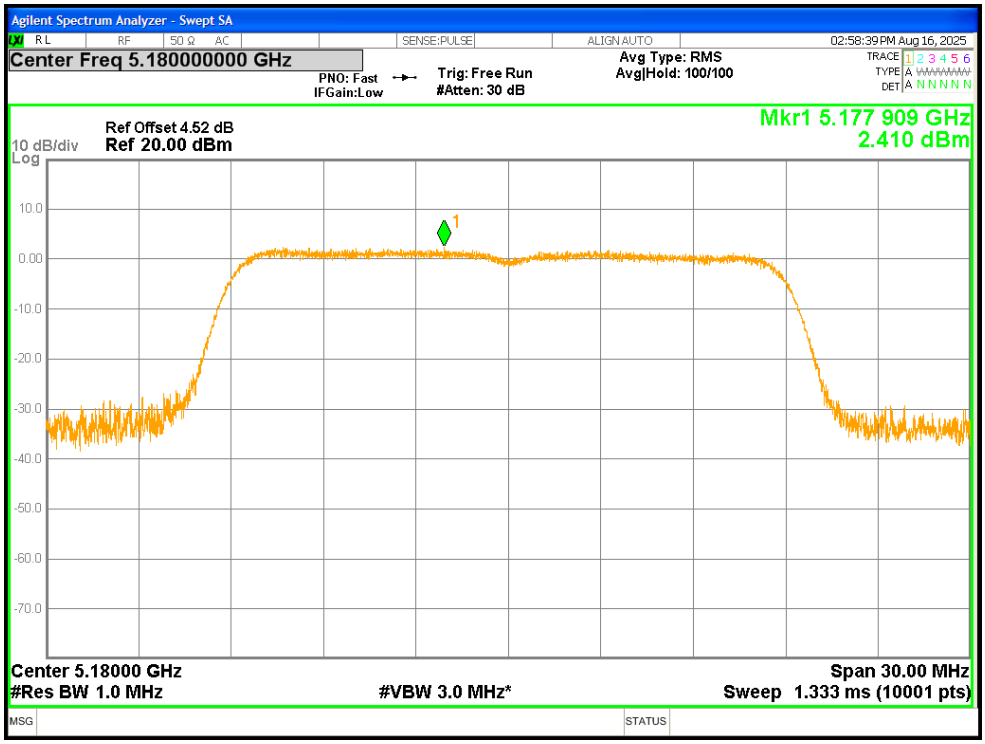
PSD NVNT a 5200MHz



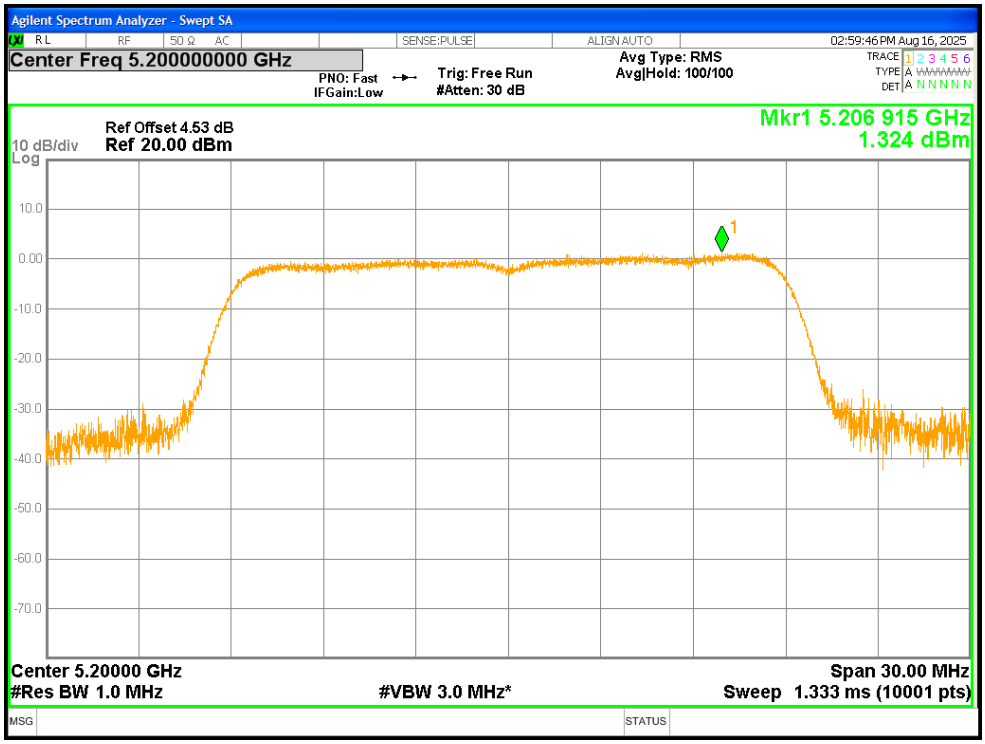
PSD NVNT a 5240MHz



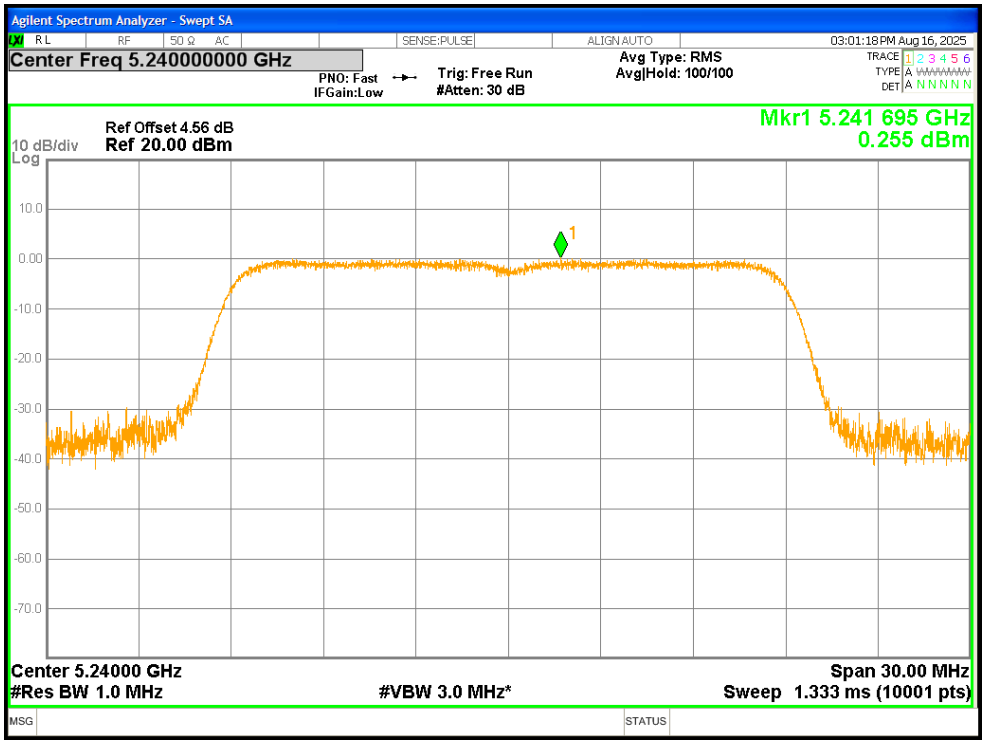
PSD NVNT n20 5180MHz



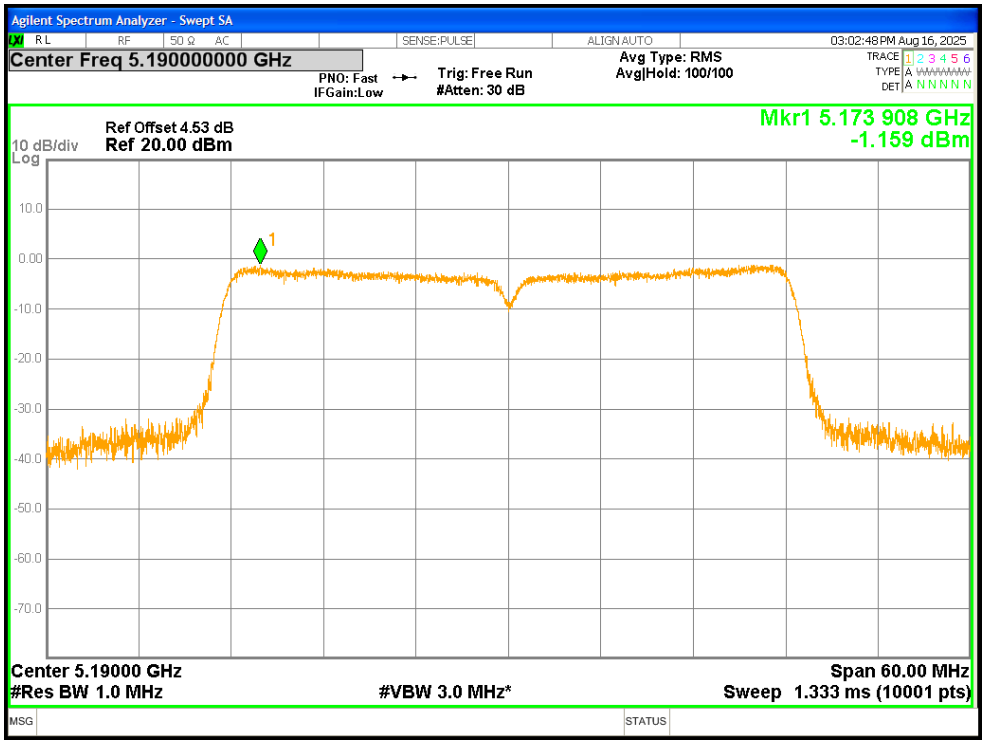
PSD NVNT n20 5200MHz



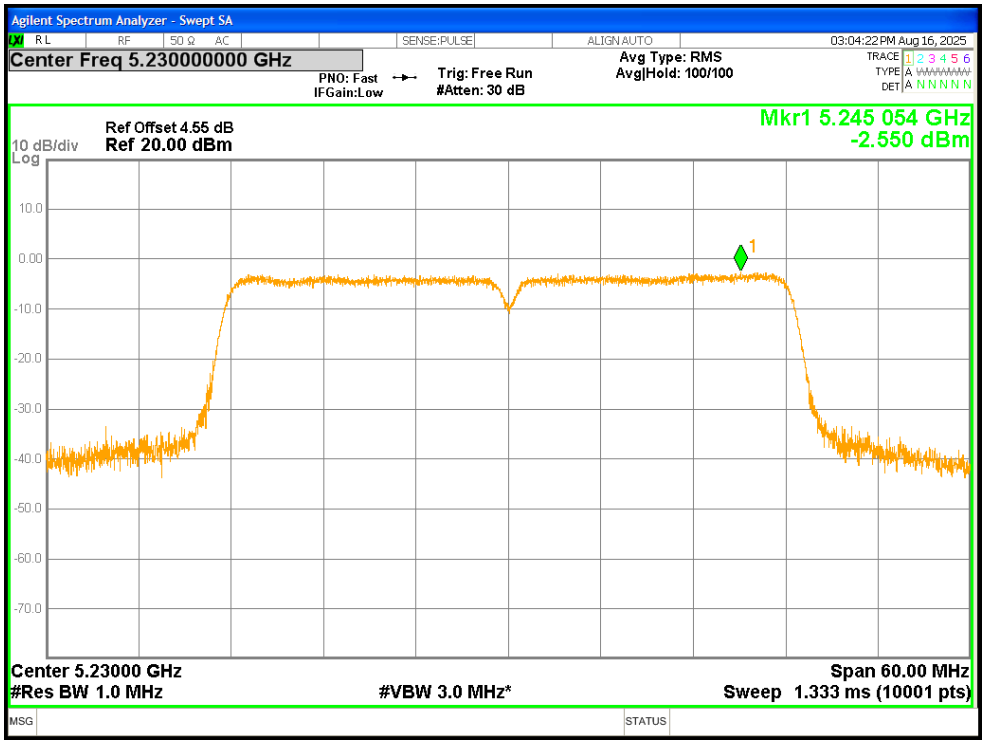
PSD NVNT n20 5240MHz



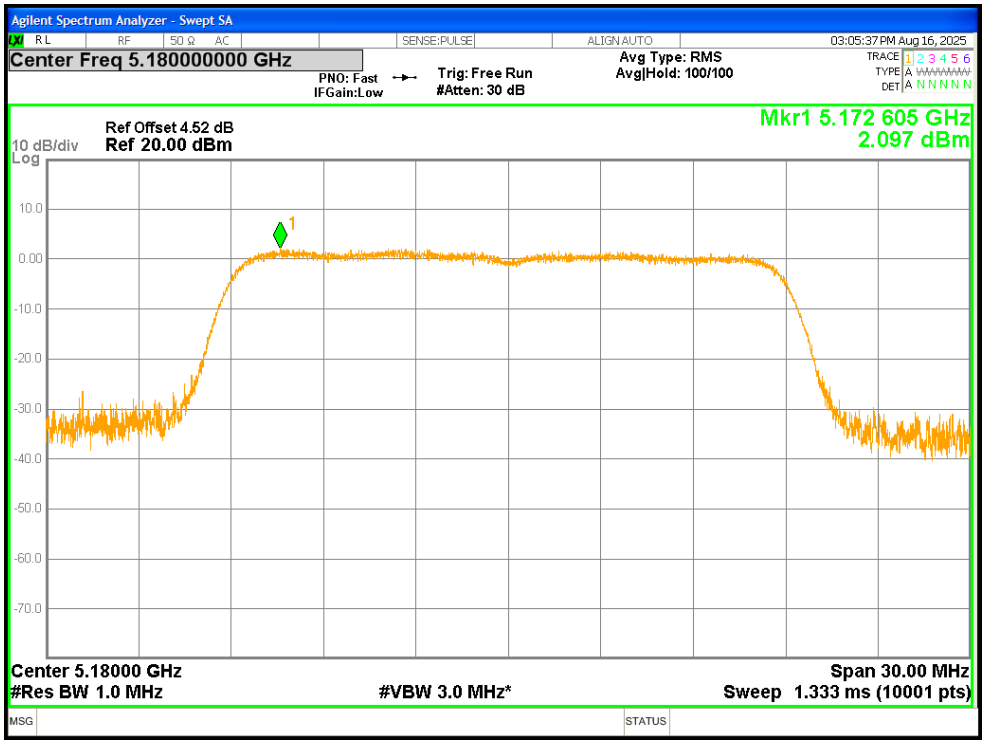
PSD NVNT n40 5190MHz



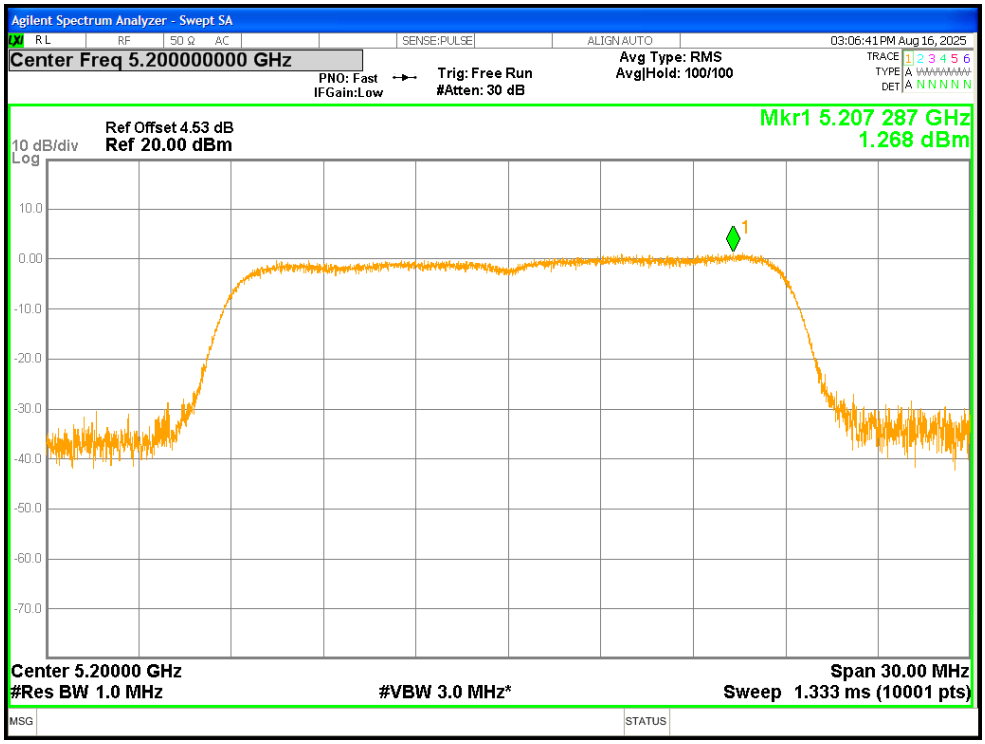
PSD NVNT n40 5230MHz



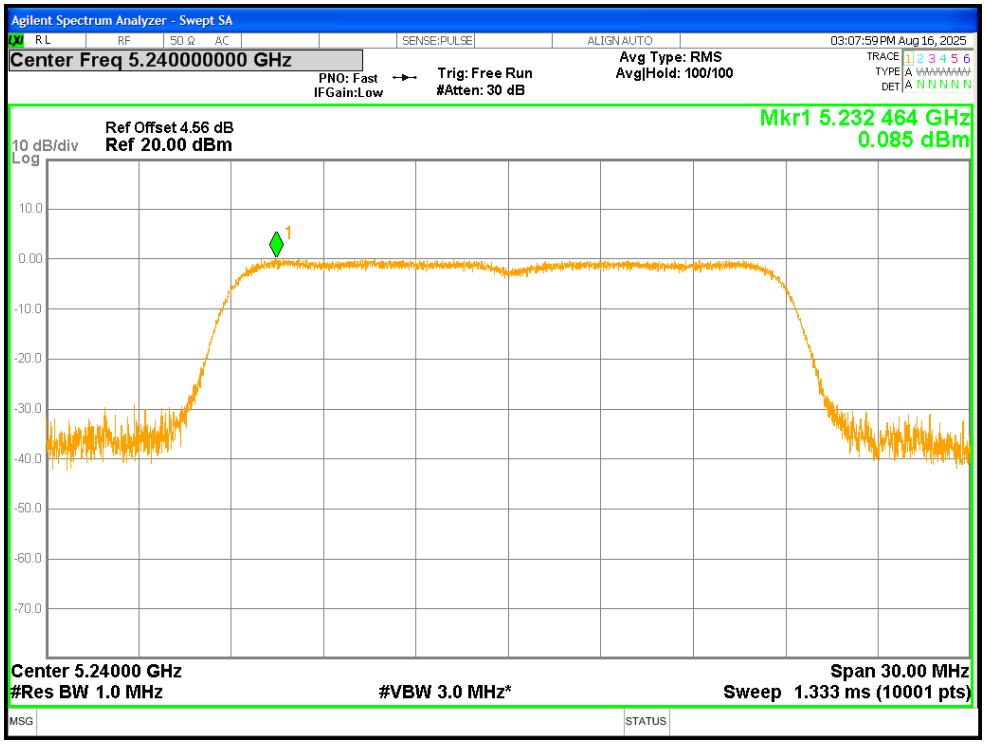
PSD NVNT ac20 5180MHz



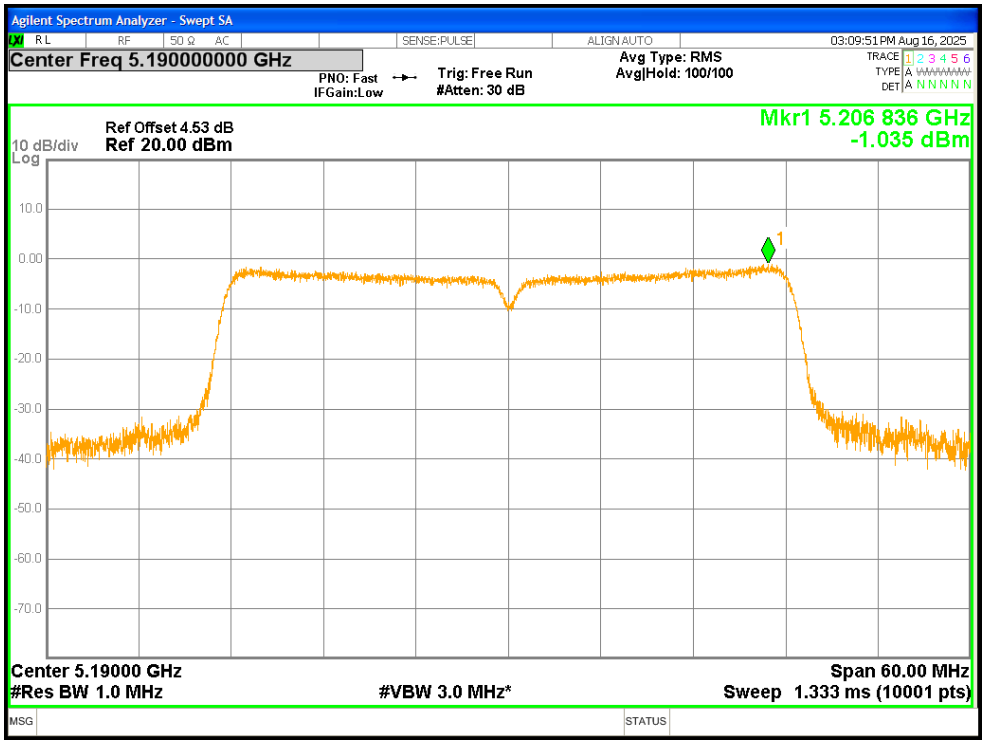
PSD NVNT ac20 5200MHz



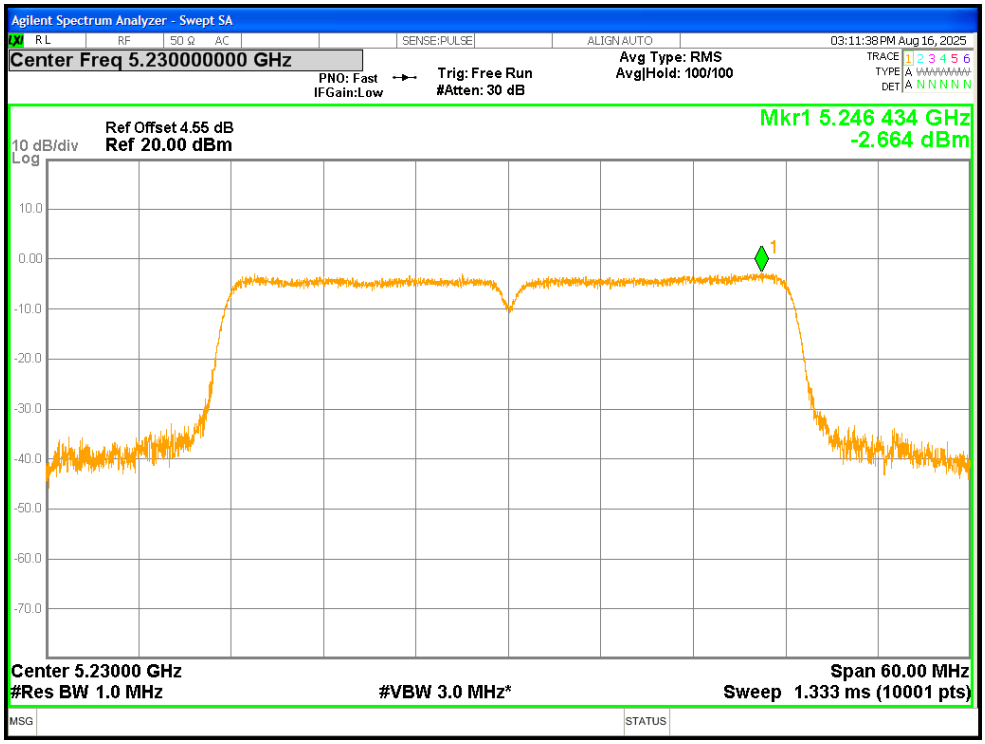
PSD NVNT ac20 5240MHz



PSD NVNT ac40 5190MHz



PSD NVNT ac40 5230MHz



PSD NVNT ac80 5210MHz