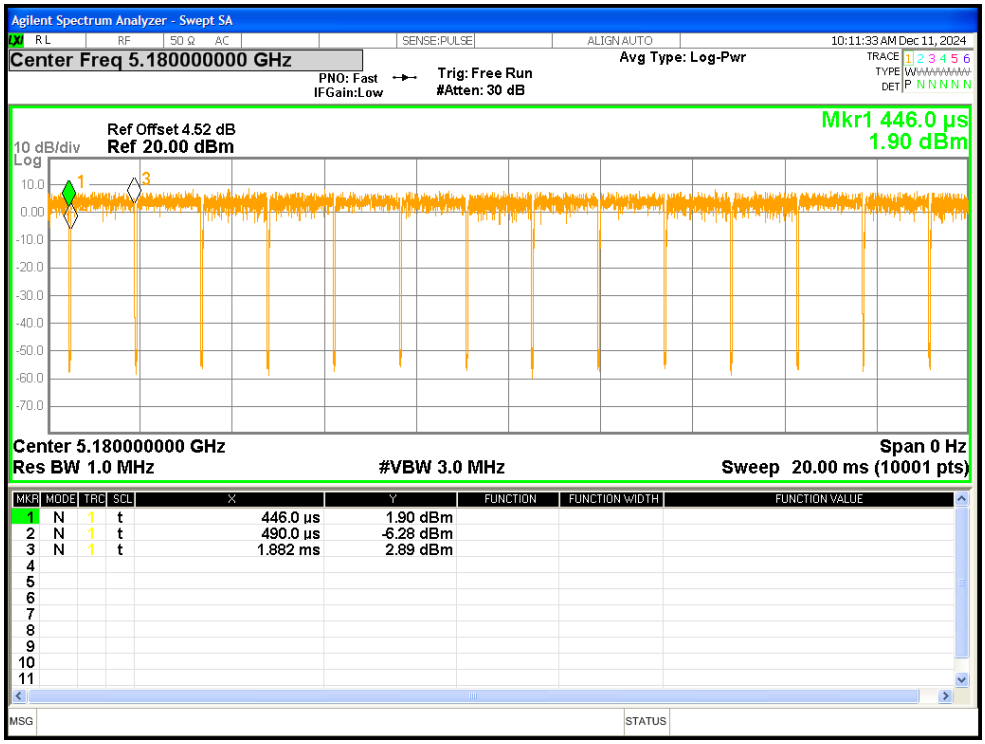
1. Duty Cycle

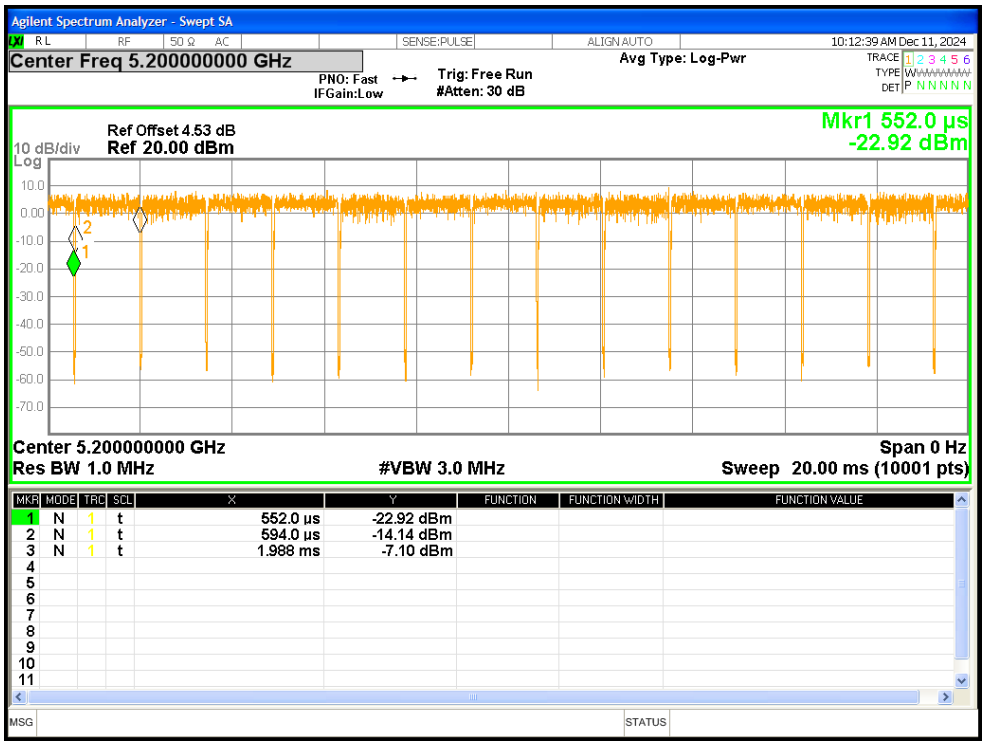
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	96.94	0.13	0.72
NVNT	a	5200	97.08	0.13	0.72
NVNT	a	5240	96.94	0.13	0.72
NVNT	n20	5180	96.73	0.14	0.77
NVNT	n20	5200	96.73	0.14	0.77
NVNT	n20	5240	96.73	0.14	0.77
NVNT	n40	5190	93.93	0.27	1.54
NVNT	n40	5230	93.64	0.29	1.54

Test Graphs

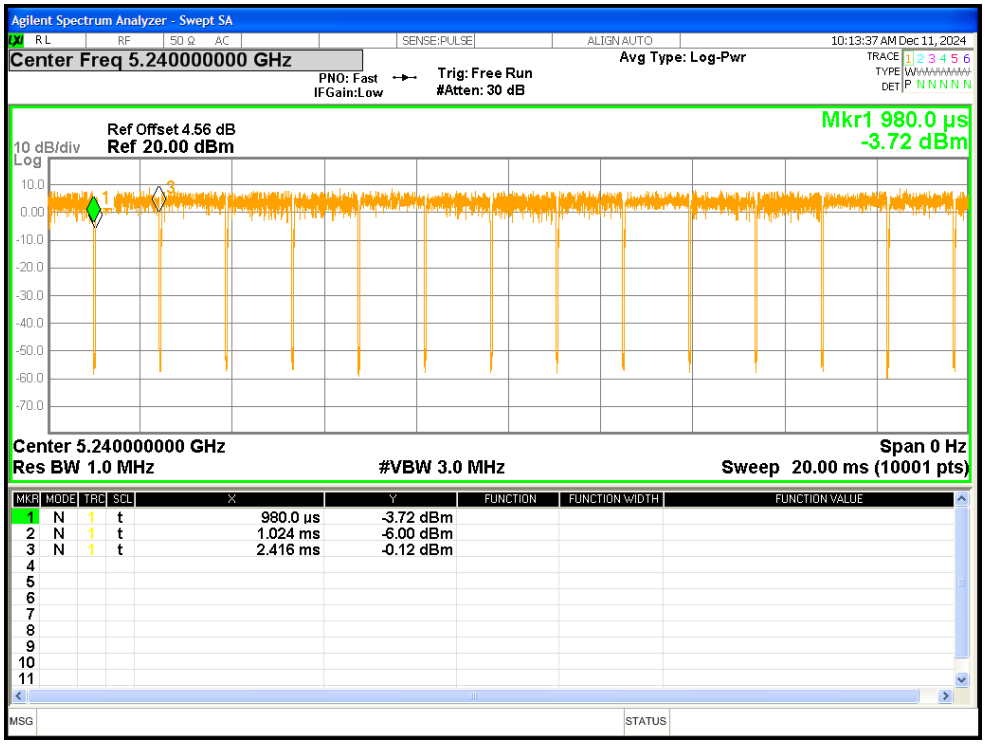
Duty Cycle NVNT a 5180MHz



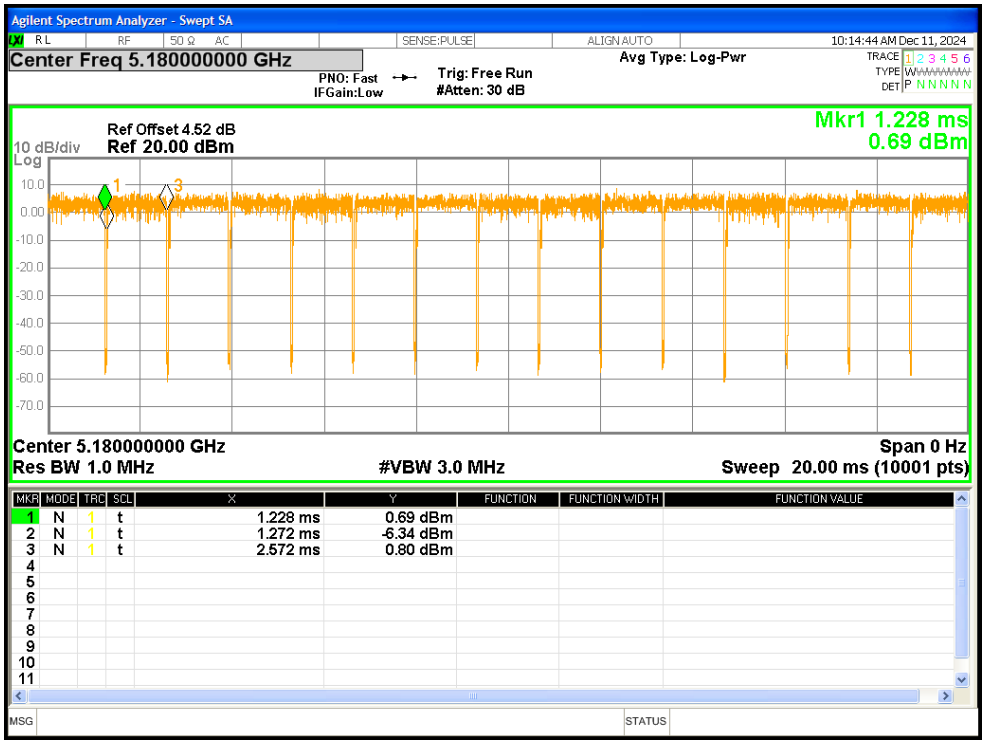
Duty Cycle NVNT a 5200MHz



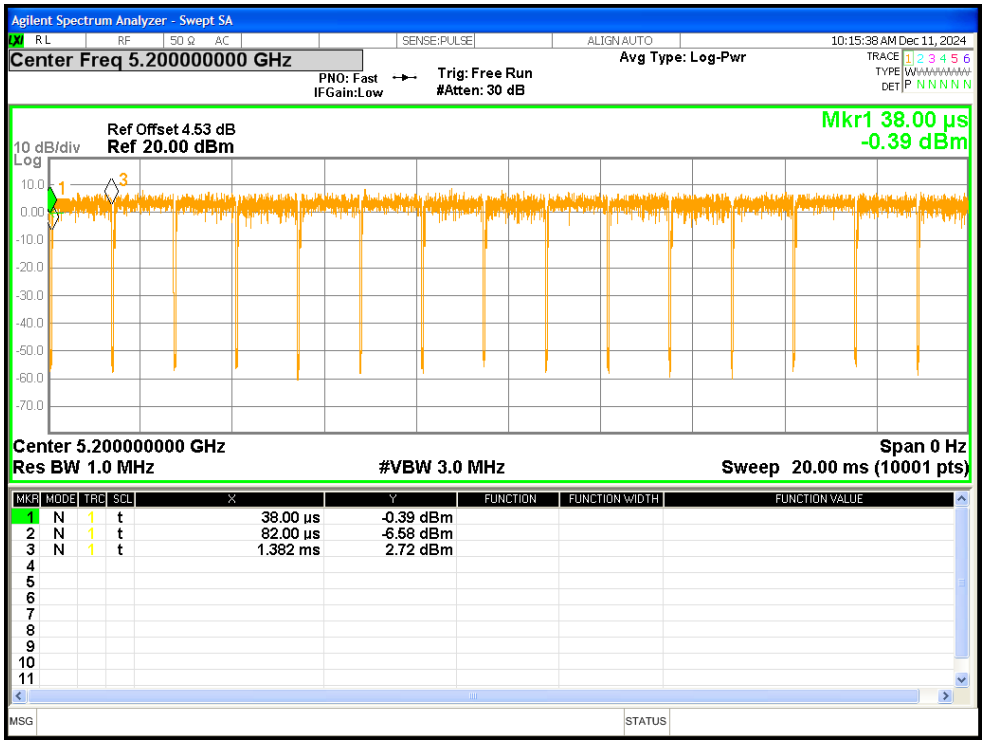
Duty Cycle NVNT a 5240MHz



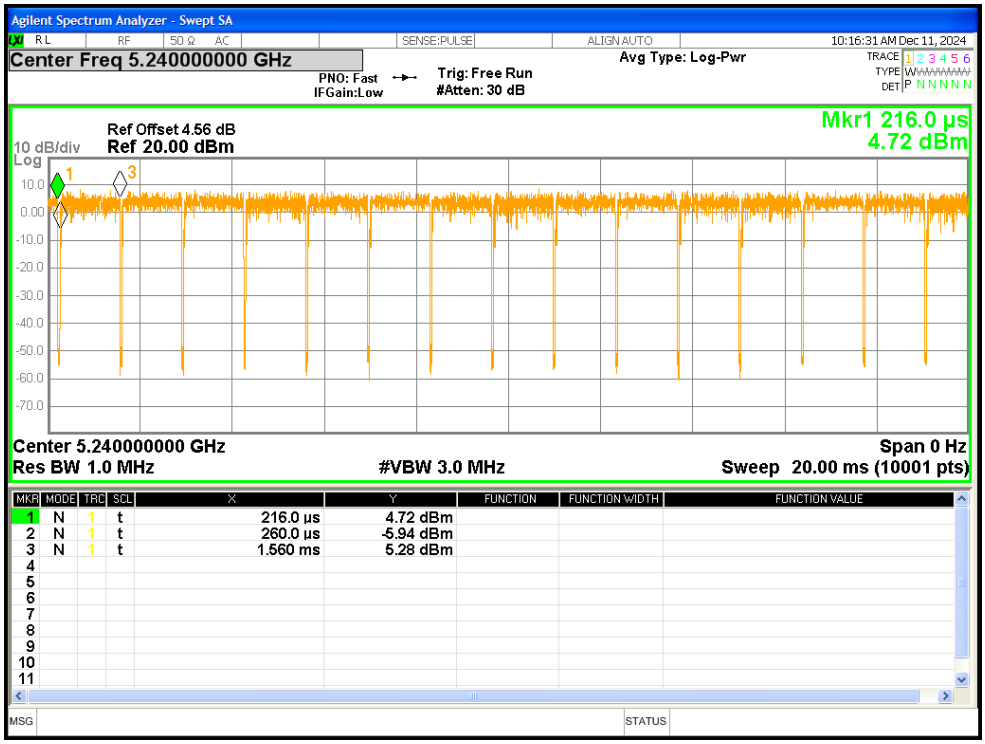
Duty Cycle NVNT n20 5180MHz



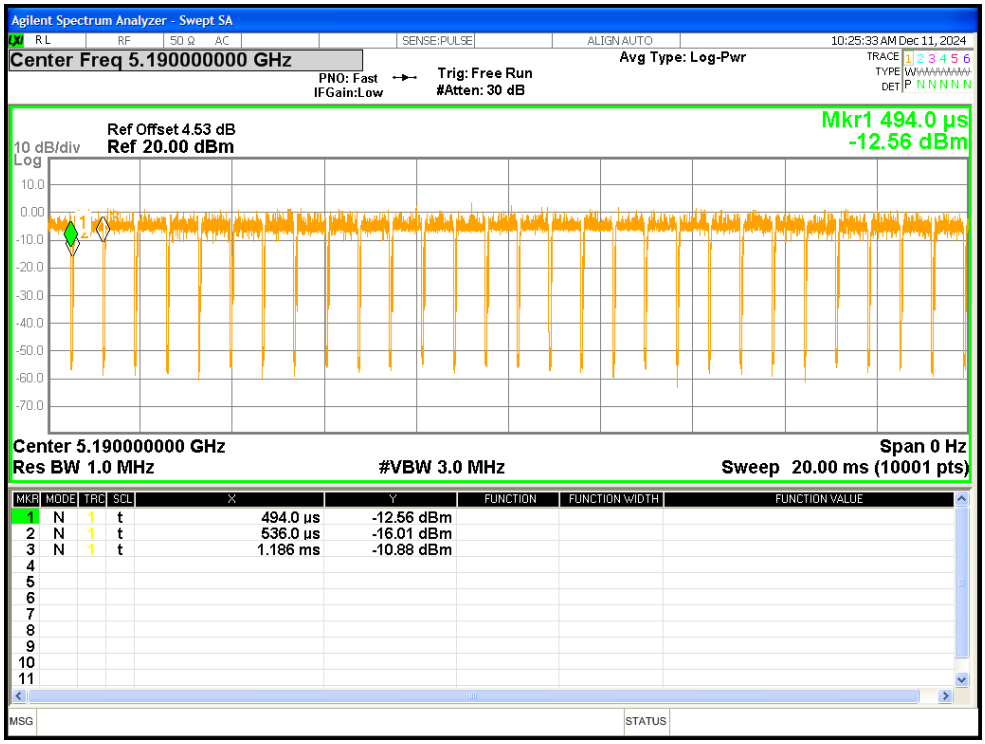
Duty Cycle NVNT n20 5200MHz



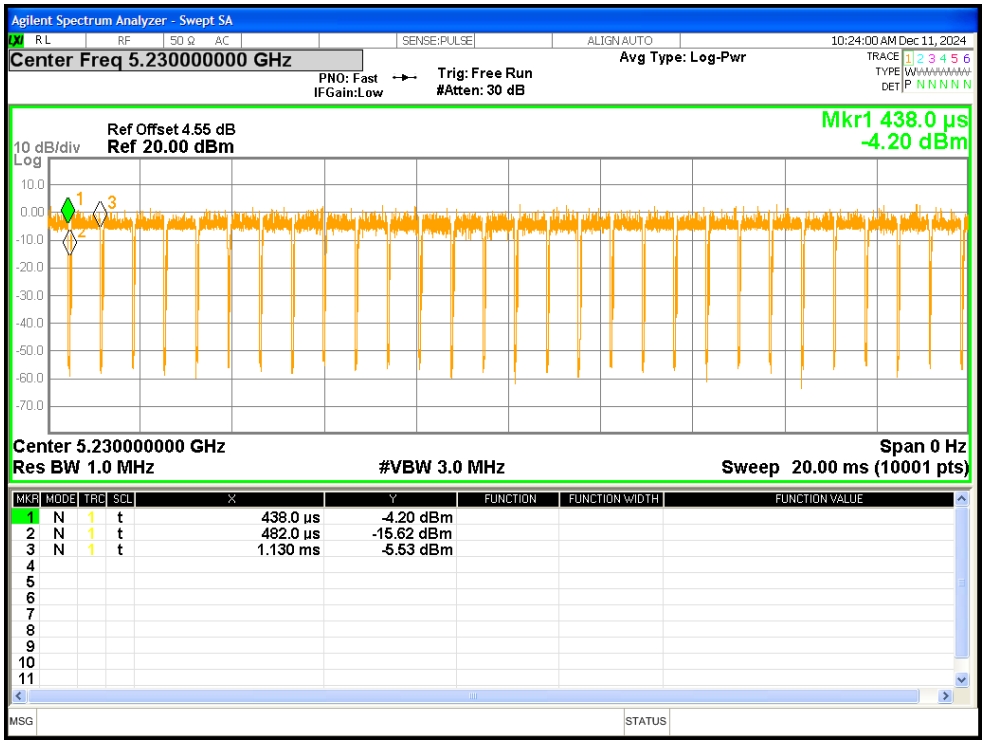
Duty Cycle NVNT n20 5240MHz



Duty Cycle NVNT n40 5190MHz



Duty Cycle NVNT n40 5230MHz

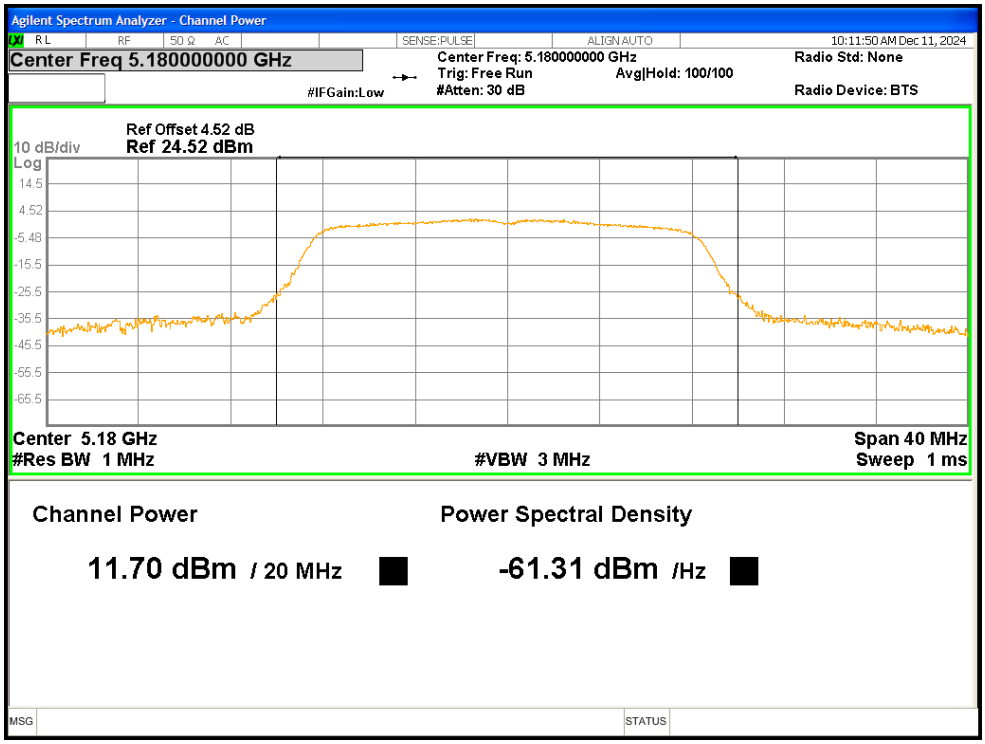


2. Maximum Conducted Output Power

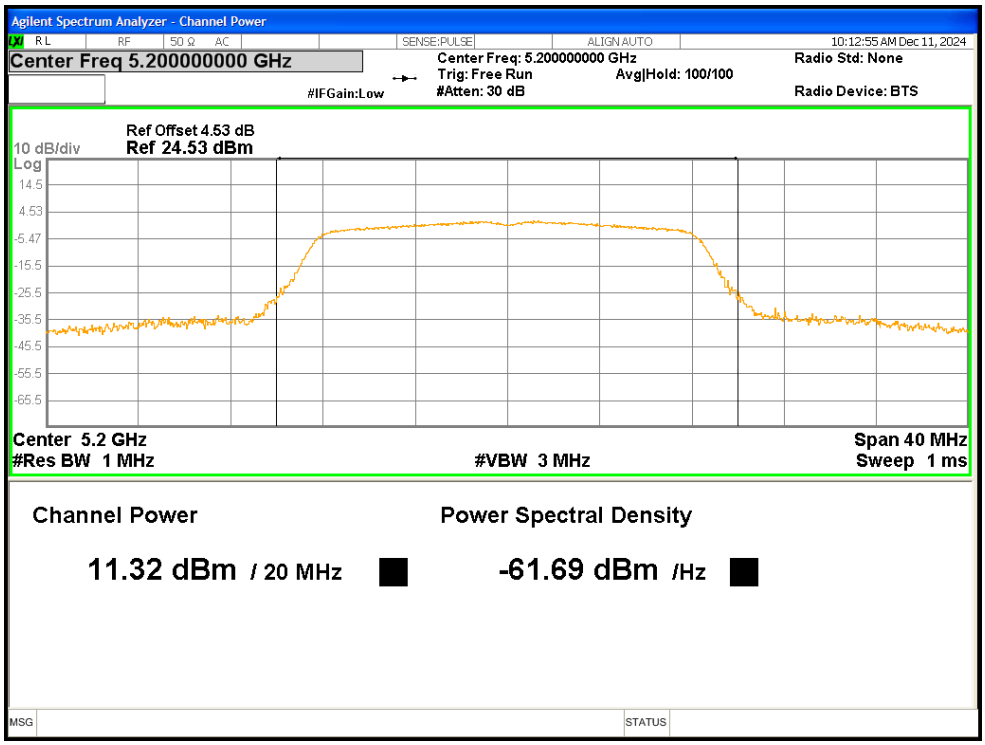
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	11.7	0.13	11.83	<=24	Pass
NVNT	a	5200	11.32	0.13	11.45	<=24	Pass
NVNT	a	5240	11.82	0.13	11.95	<=24	Pass
NVNT	n20	5180	11.53	0.14	11.67	<=24	Pass
NVNT	n20	5200	11.21	0.14	11.35	<=24	Pass
NVNT	n20	5240	11.67	0.14	11.81	<=24	Pass
NVNT	n40	5190	10.21	0.27	10.48	<=24	Pass
NVNT	n40	5230	10.56	0.29	10.85	<=24	Pass

Test Graphs

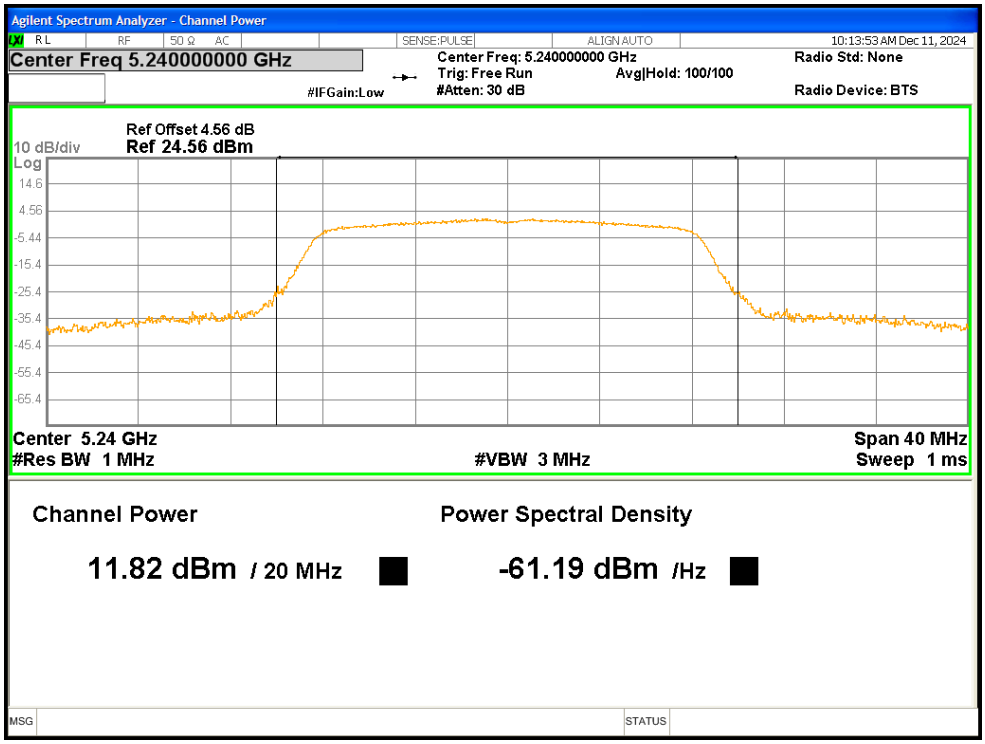
Power NVNT a 5180MHz



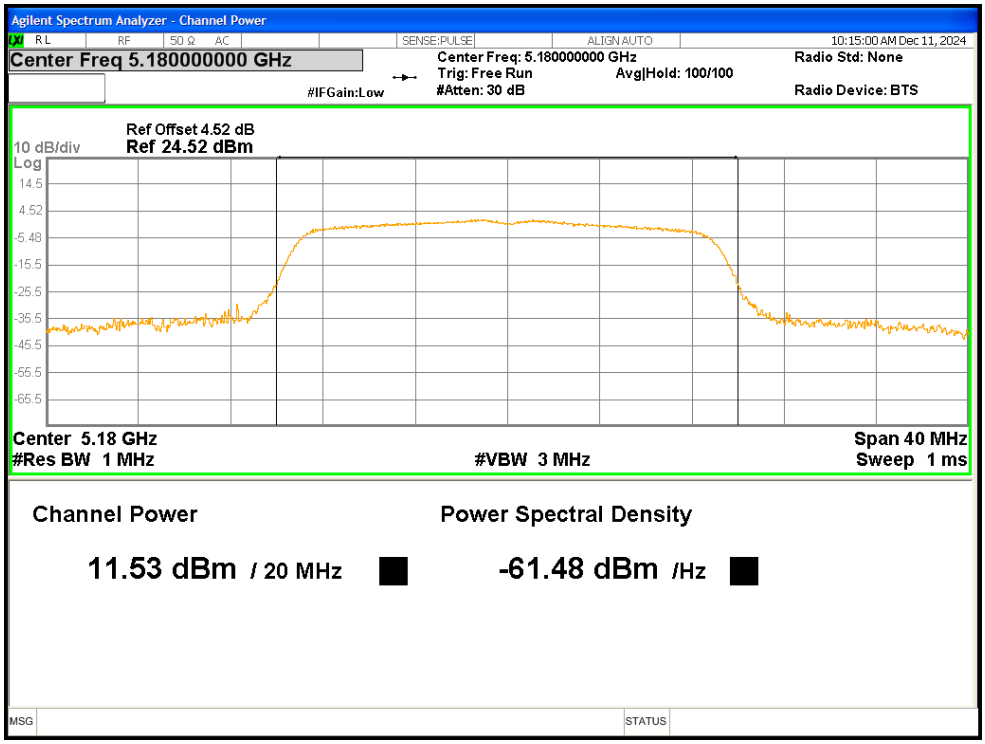
Power NVNT a 5200MHz



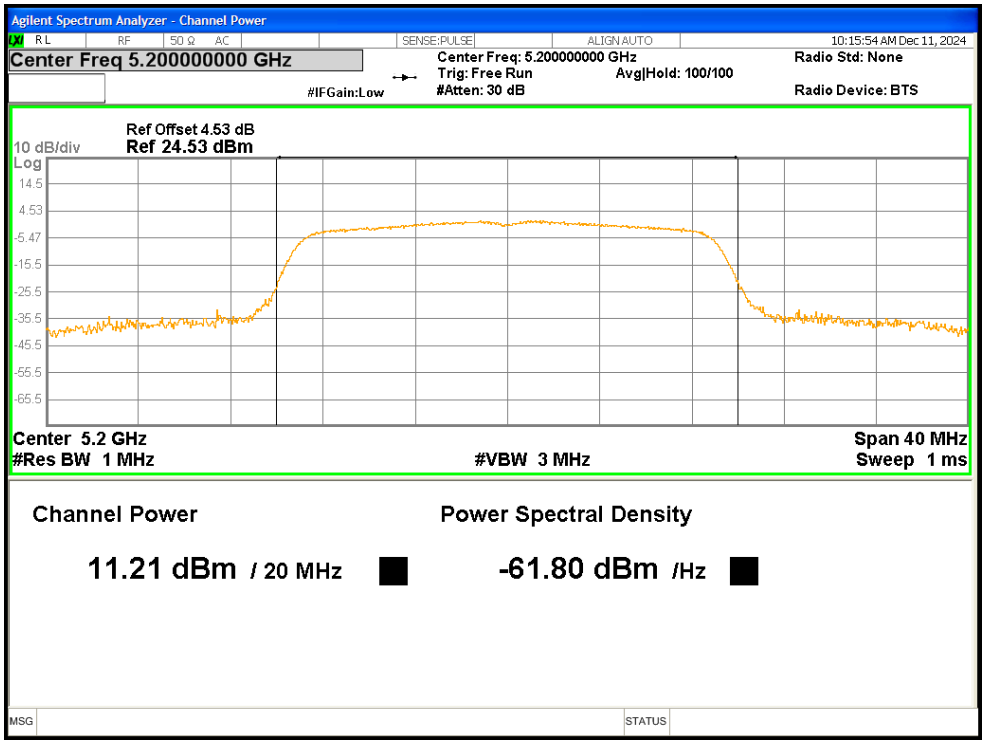
Power NVNT a 5240MHz



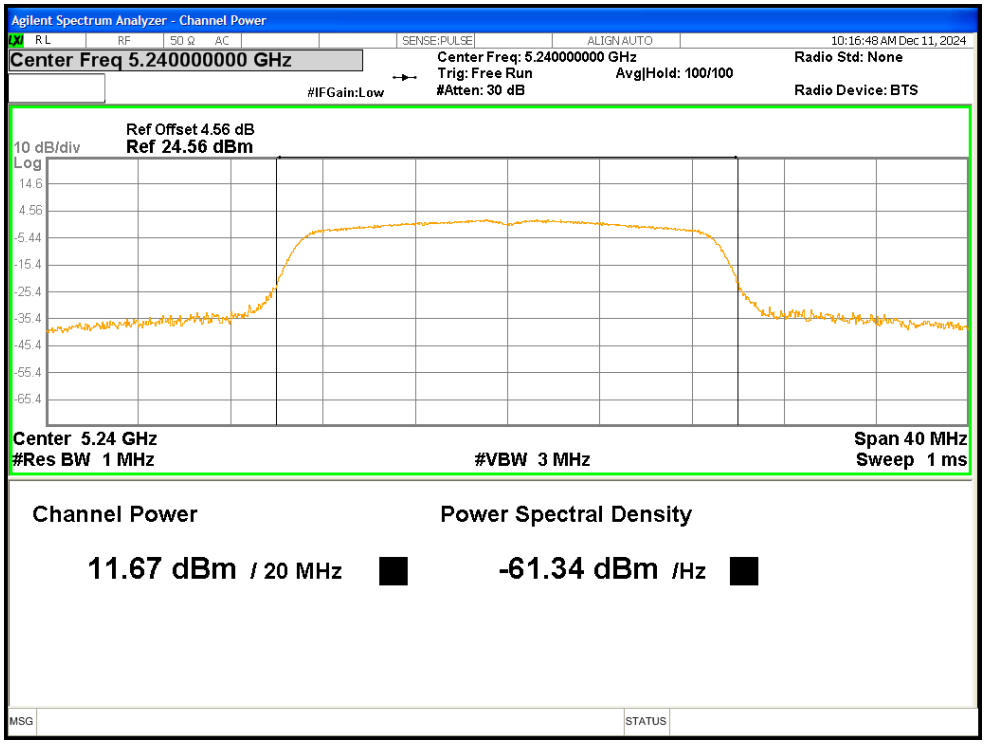
Power NVNT n20 5180MHz



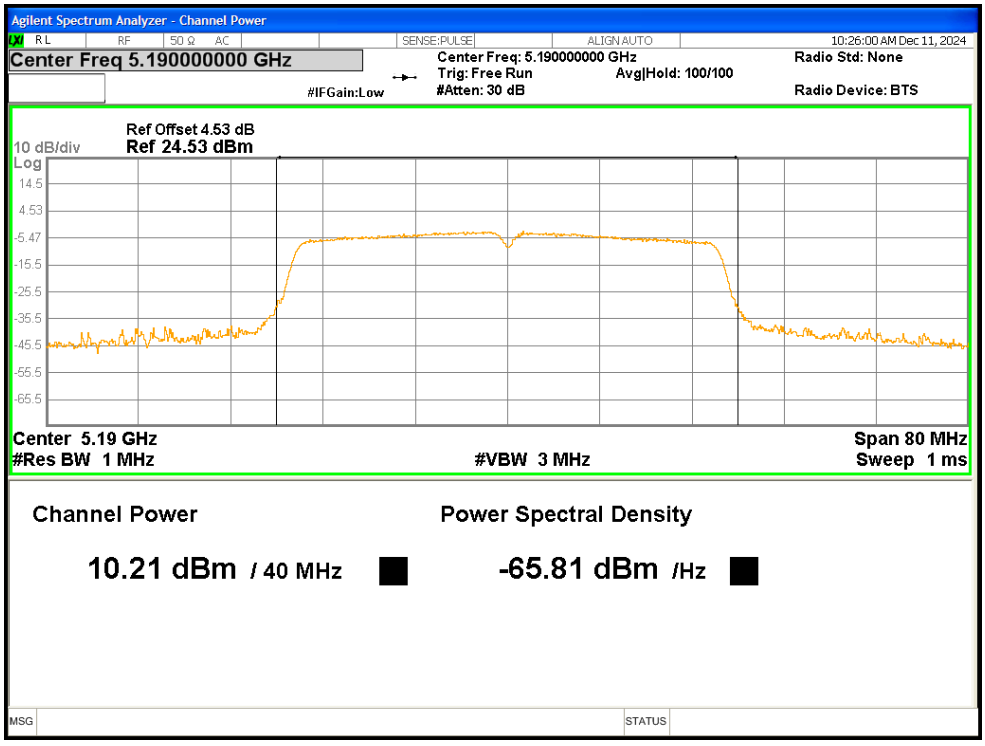
Power NVNT n20 5200MHz



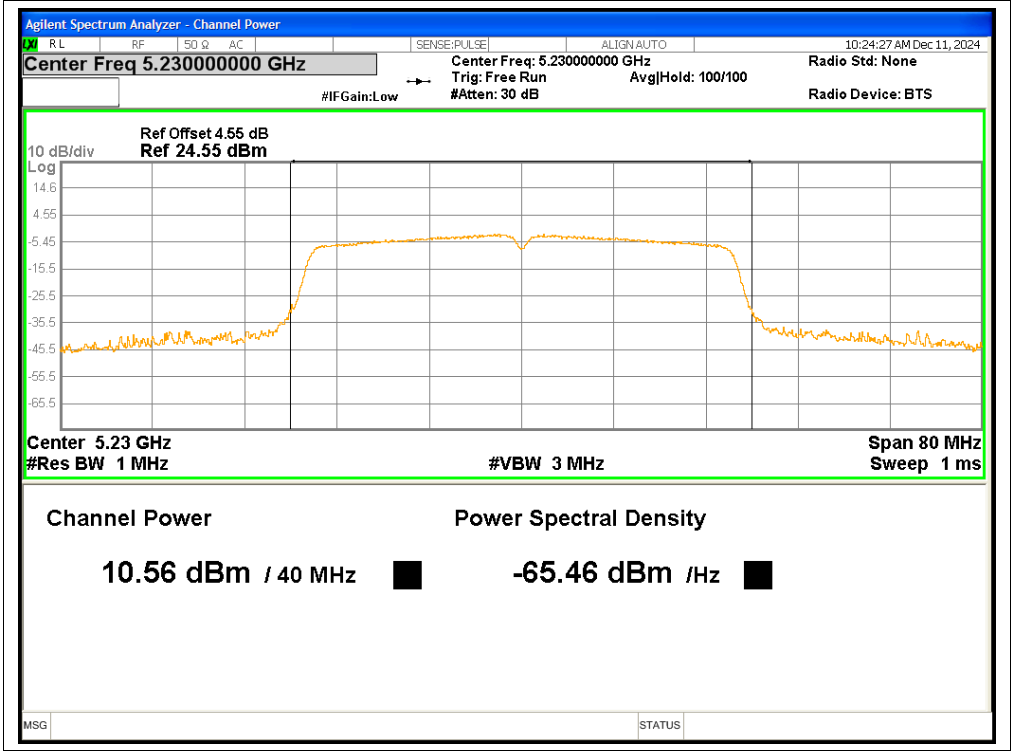
Power NVNT n20 5240MHz



Power NVNT n40 5190MHz



Power NVNT n40 5230MHz

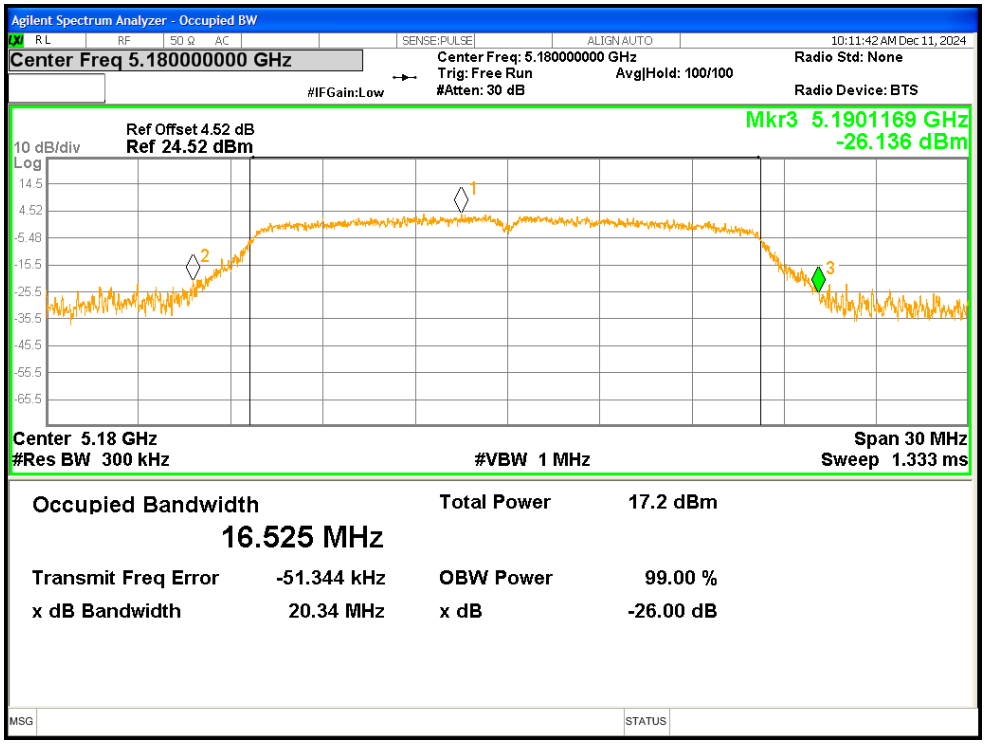


3. -26dB Bandwidth

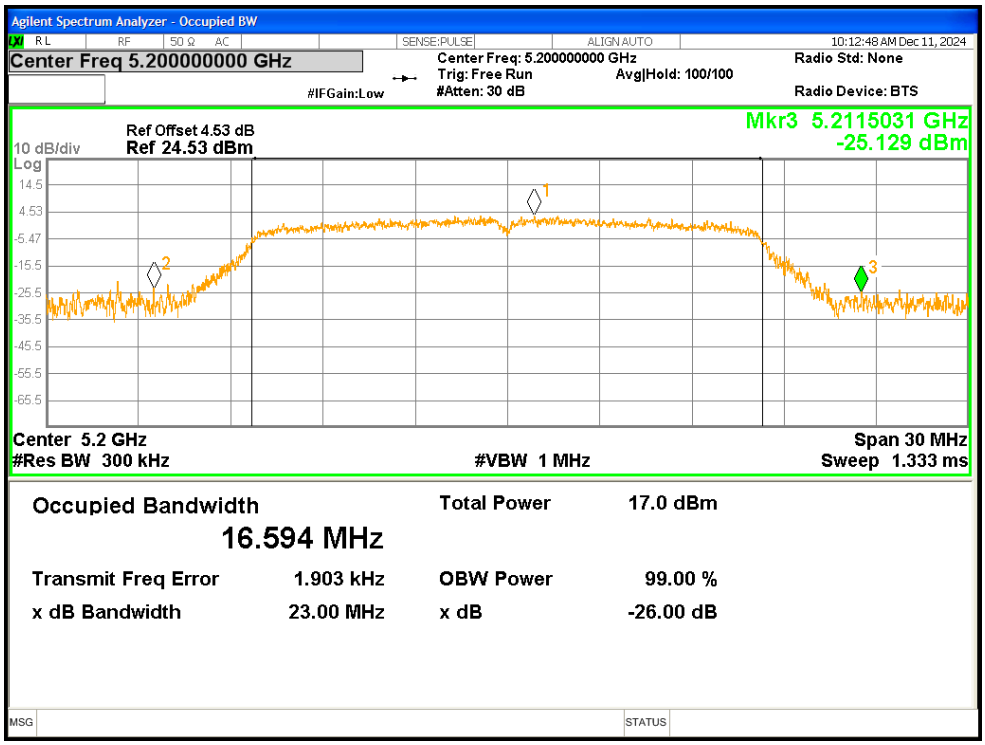
Condition	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	20.3365	Pass
NVNT	a	5200	23.0024	Pass
NVNT	a	5240	22.6759	Pass
NVNT	n20	5180	27.2235	Pass
NVNT	n20	5200	26.0217	Pass
NVNT	n20	5240	26.8779	Pass
NVNT	n40	5190	43.3675	Pass
NVNT	n40	5230	42.0285	Pass

Test Graphs

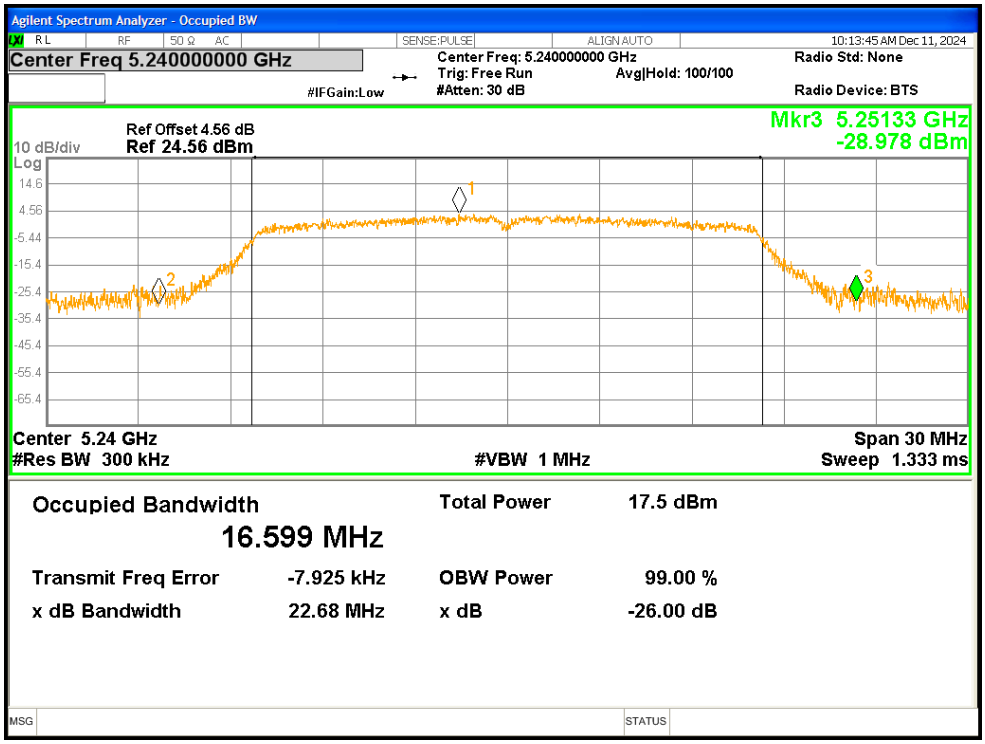
-26dB Bandwidth NVNT a 5180MHz



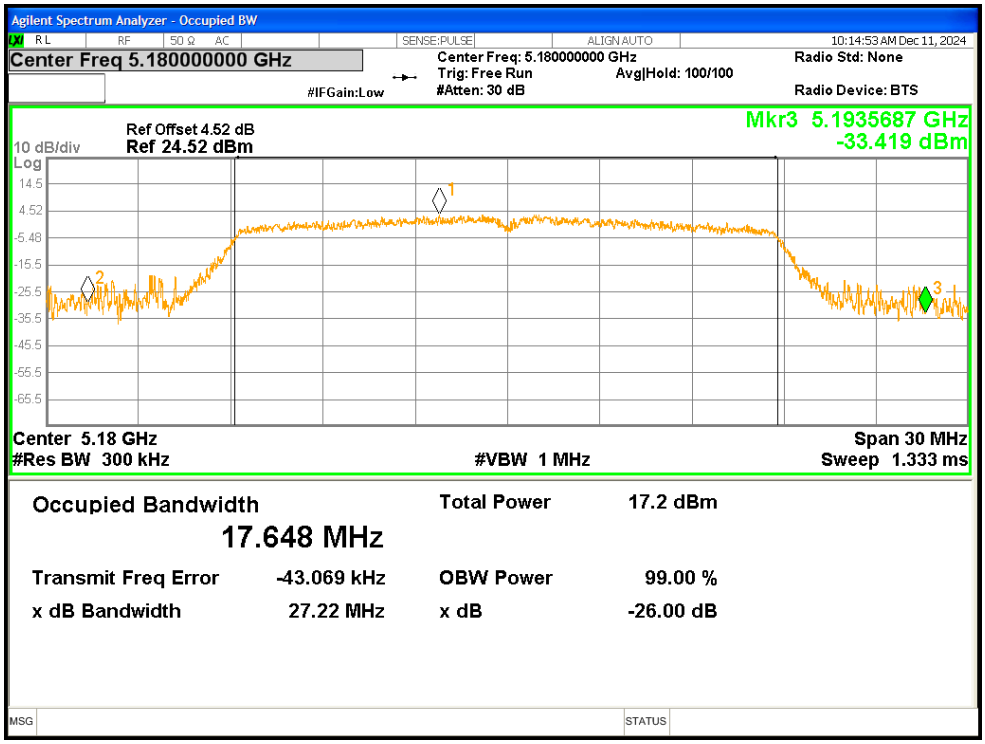
-26dB Bandwidth NVNT a 5200MHz



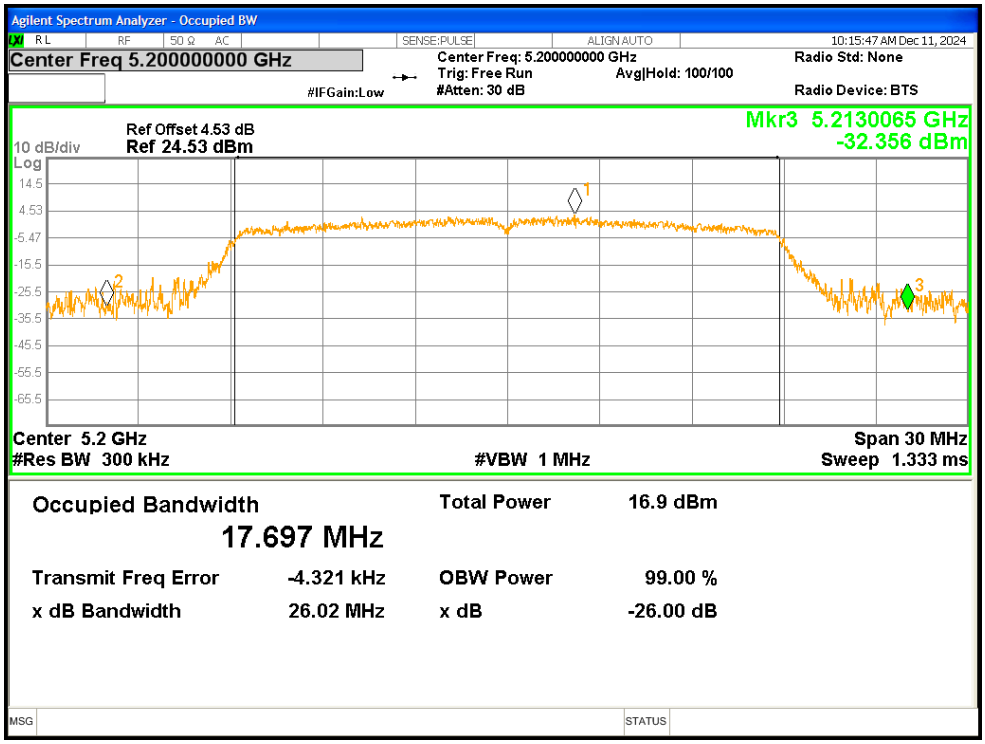
-26dB Bandwidth NVNT a 5240MHz



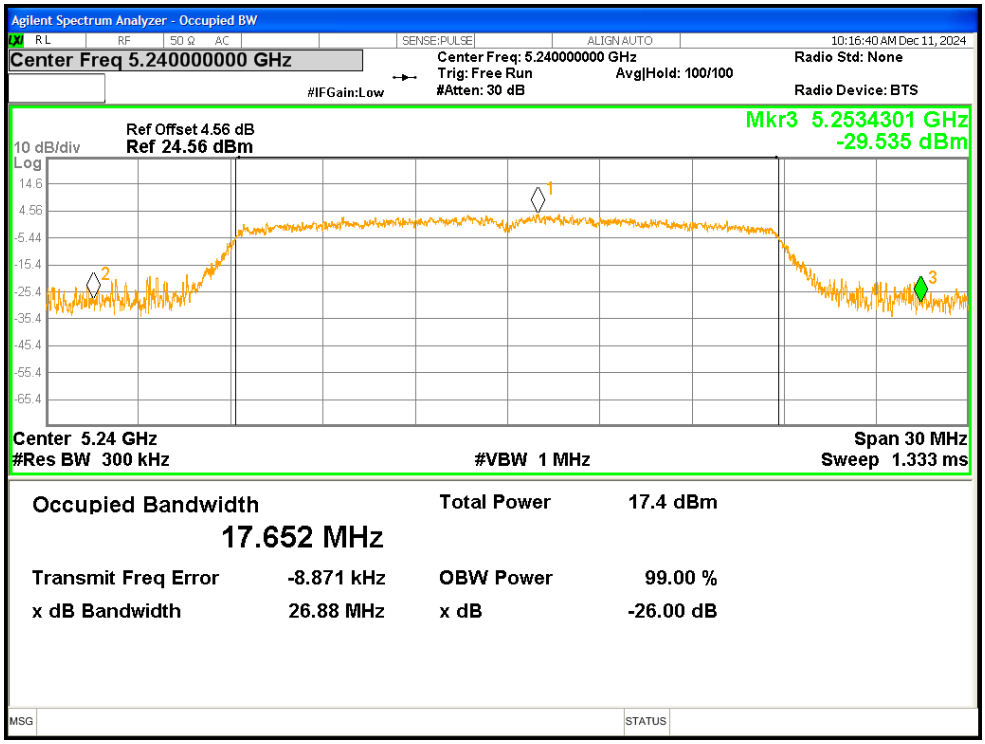
-26dB Bandwidth NVNT n20 5180MHz



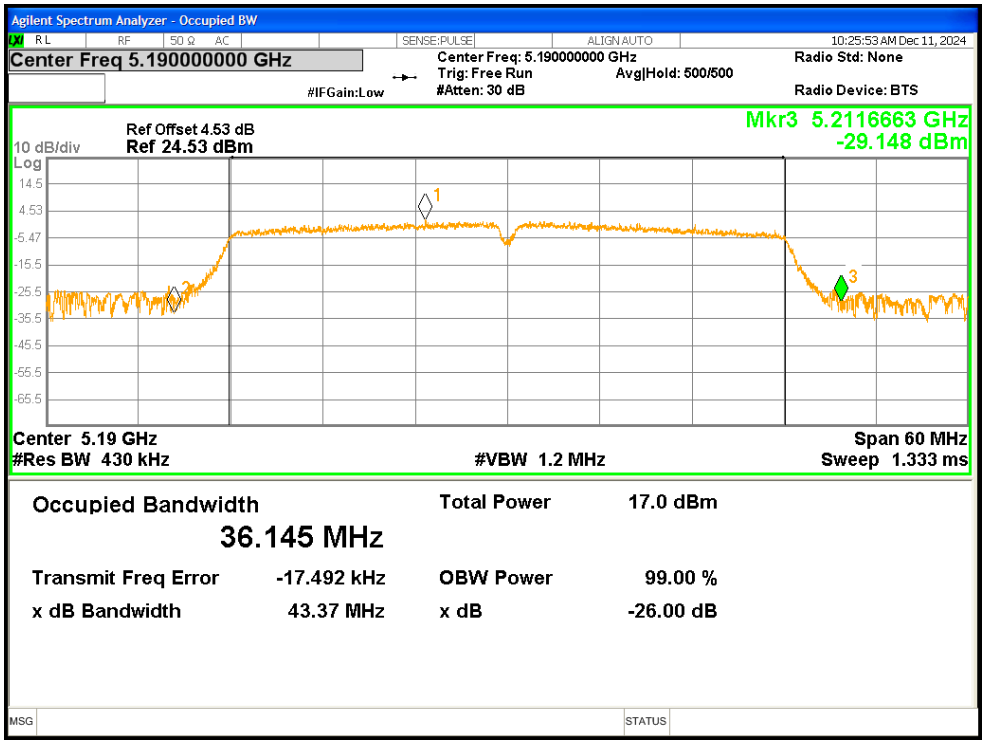
-26dB Bandwidth NVNT n20 5200MHz



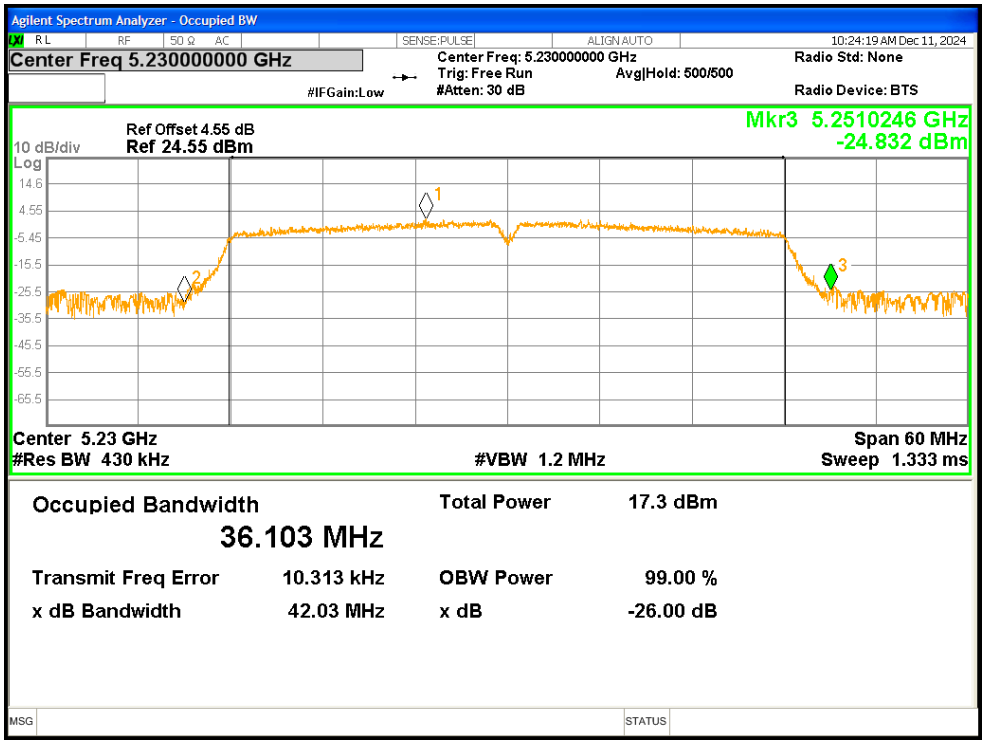
-26dB Bandwidth NVNT n20 5240MHz



-26dB Bandwidth NVNT n40 5190MHz



-26dB Bandwidth NVNT n40 5230MHz

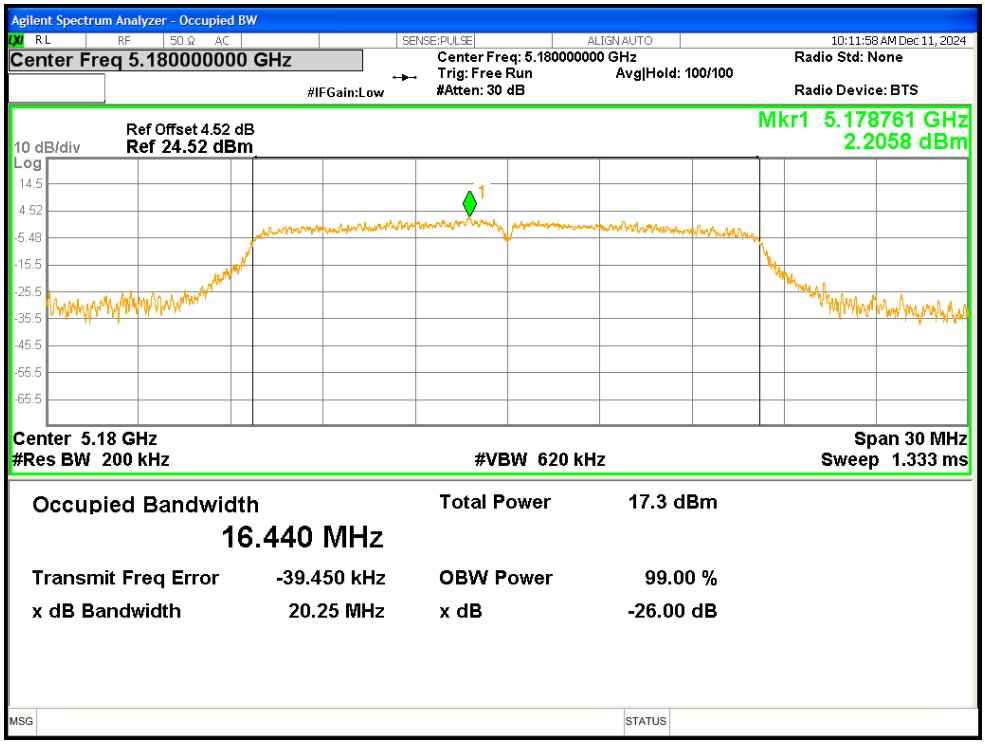


4. Occupied Channel Bandwidth

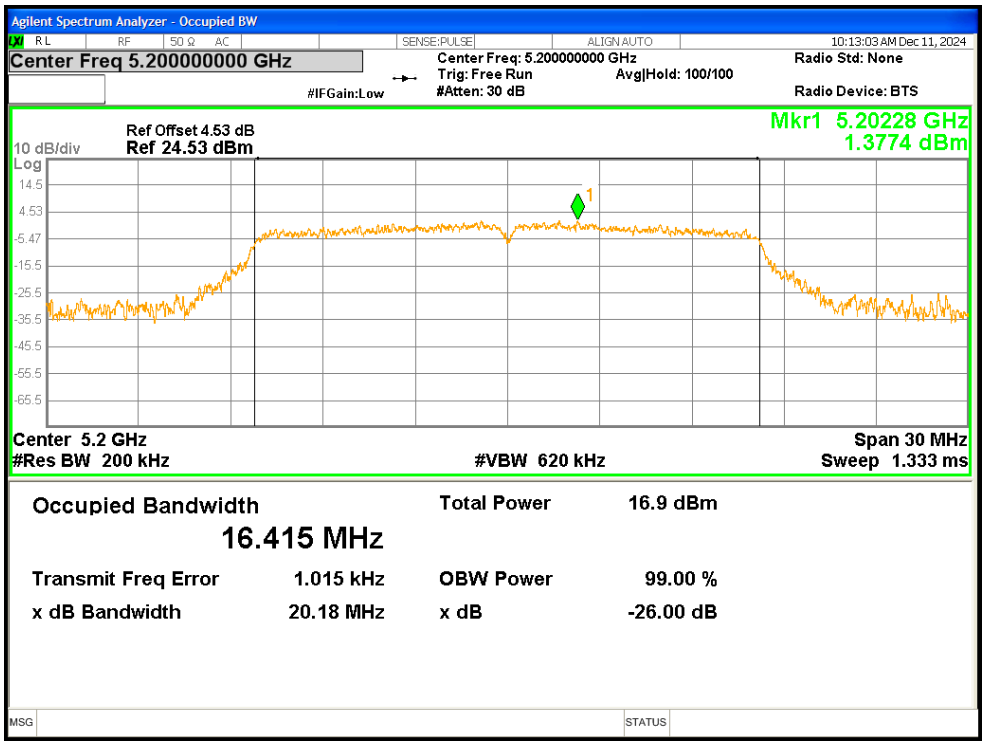
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5180	16.4397
NVNT	a	5200	16.4148
NVNT	a	5240	16.4042
NVNT	n20	5180	17.5769
NVNT	n20	5200	17.5732
NVNT	n20	5240	17.5949
NVNT	n40	5190	36.1529
NVNT	n40	5230	36.1029

Test Graphs

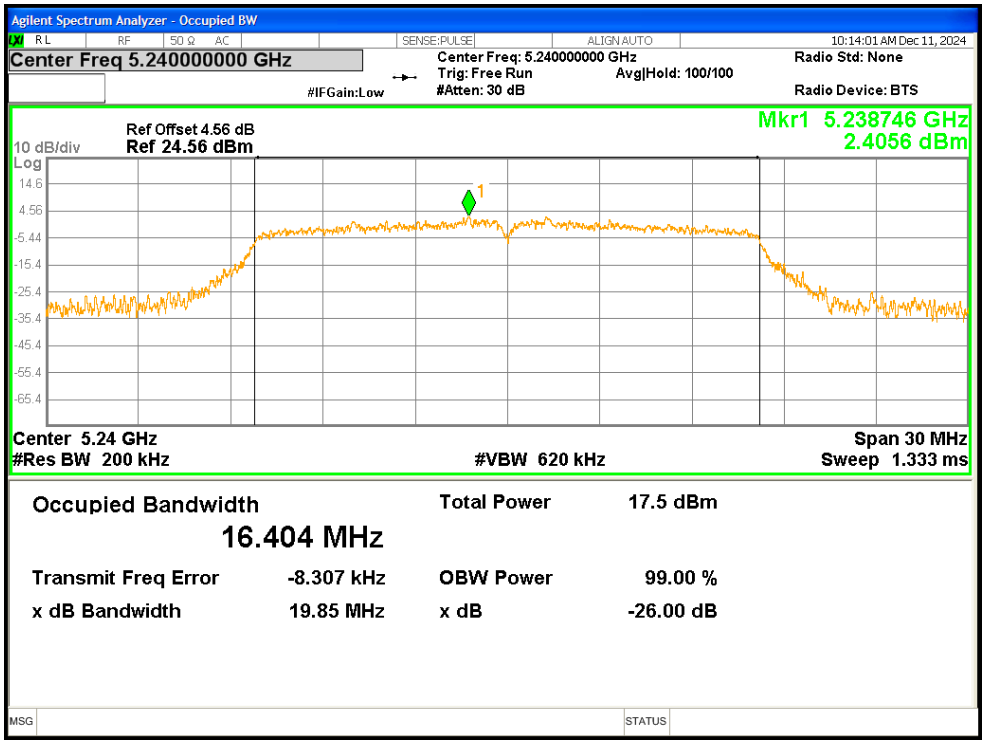
OBW NVNT a 5180MHz



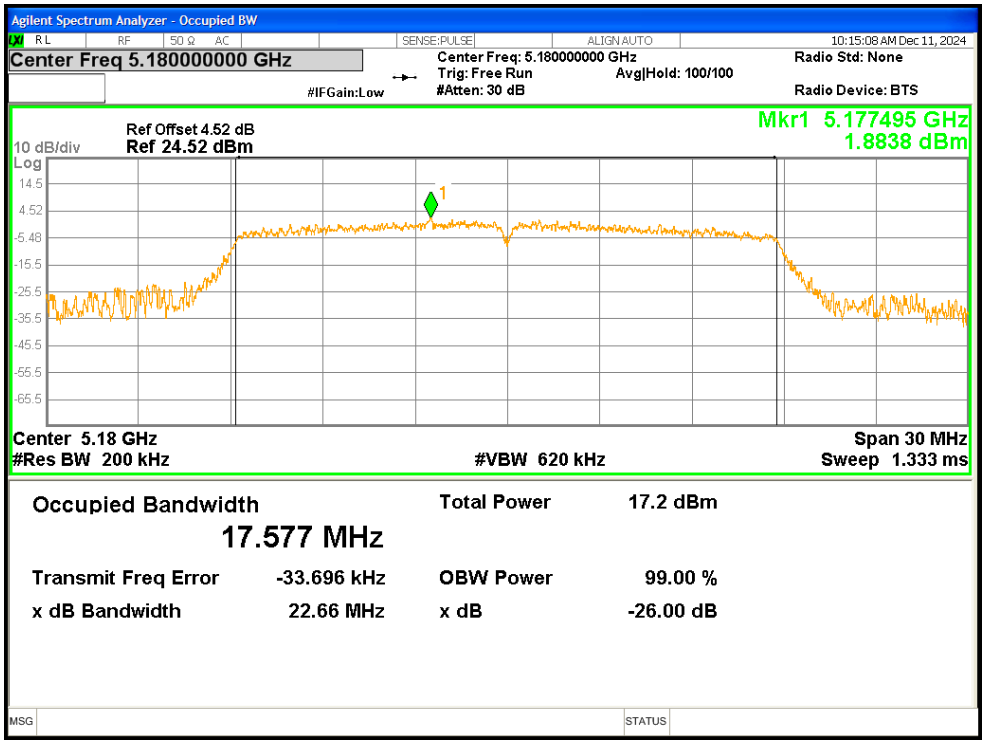
OBW NVNT a 5200MHz



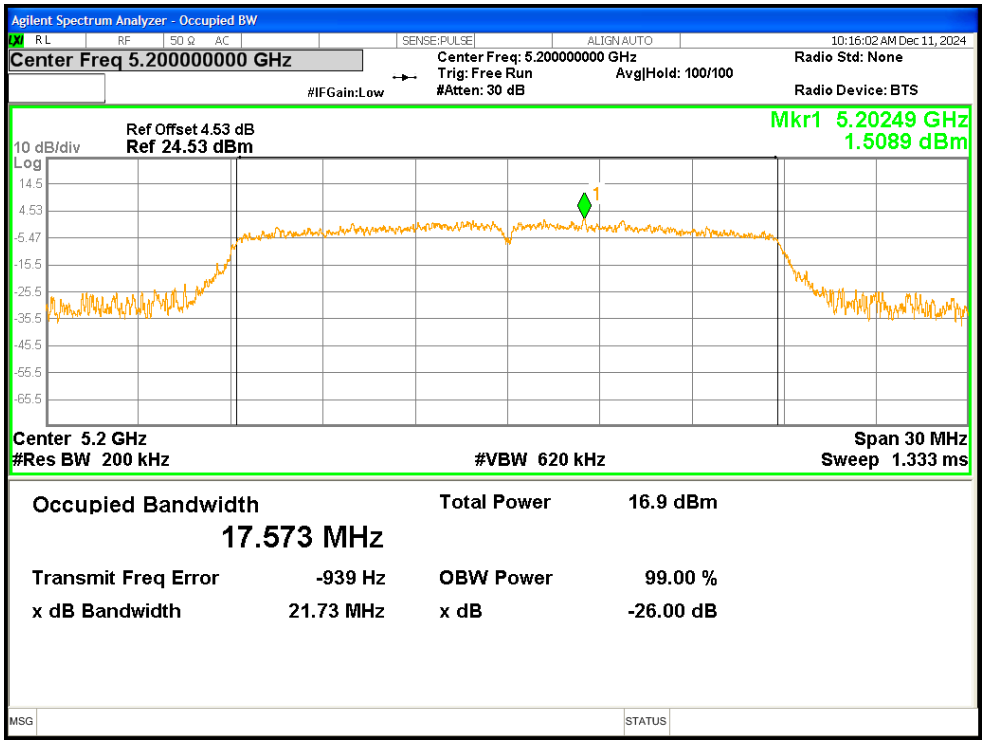
OBW NVNT a 5240MHz



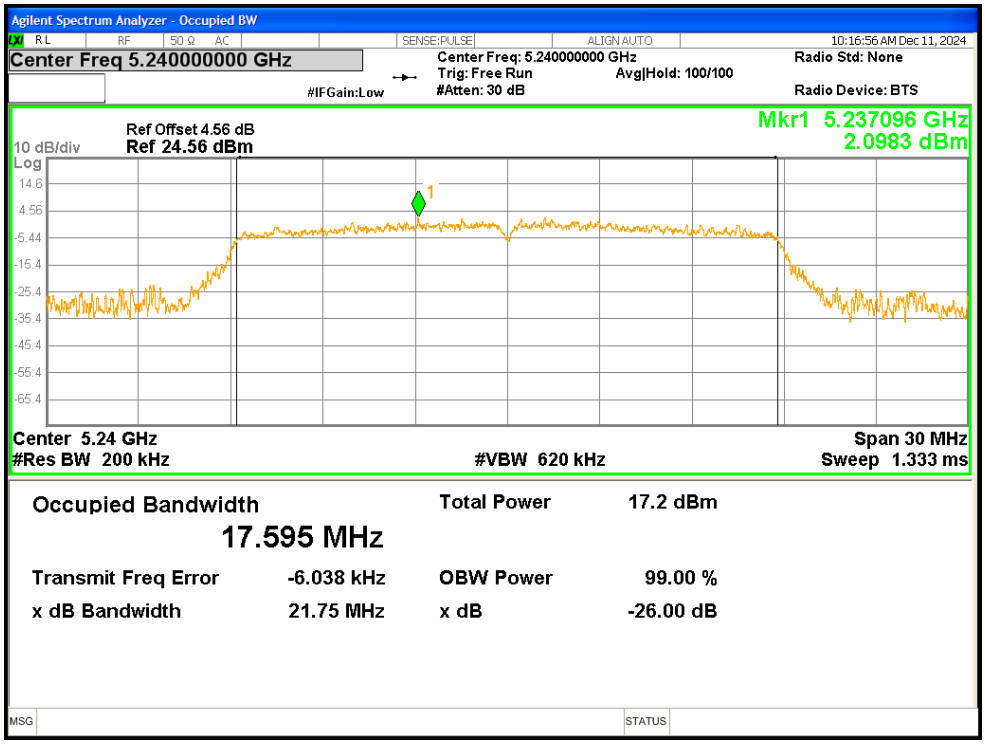
OBW NVNT n20 5180MHz



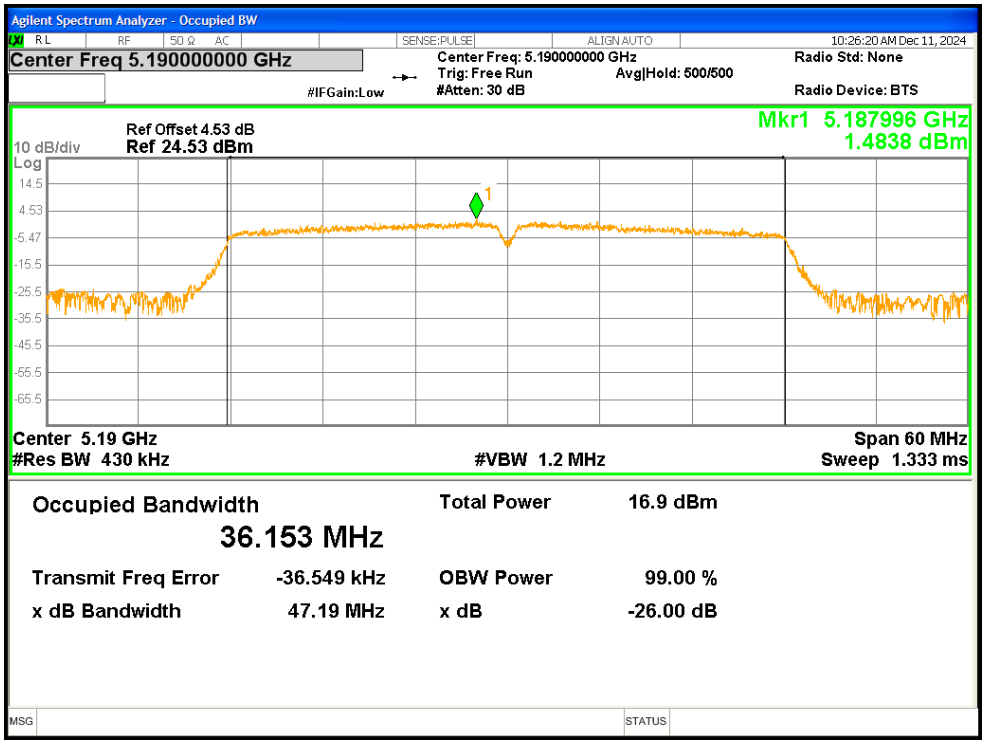
OBW NVNT n20 5200MHz



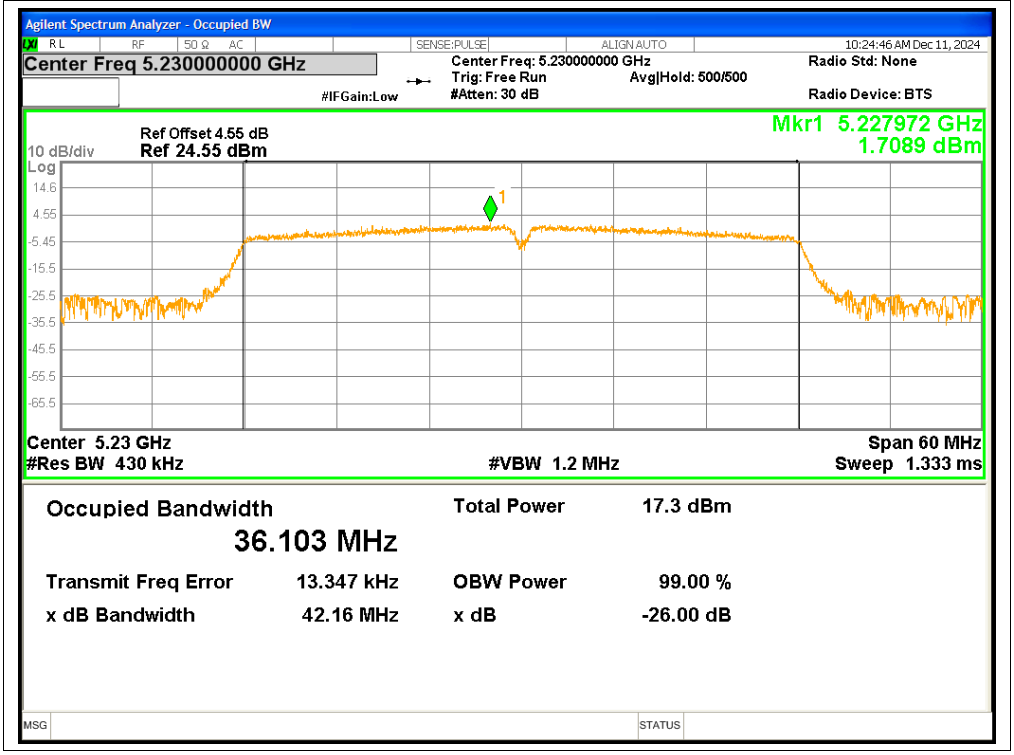
OBW NVNT n20 5240MHz



OBW NVNT n40 5190MHz



OBW NVNT n40 5230MHz

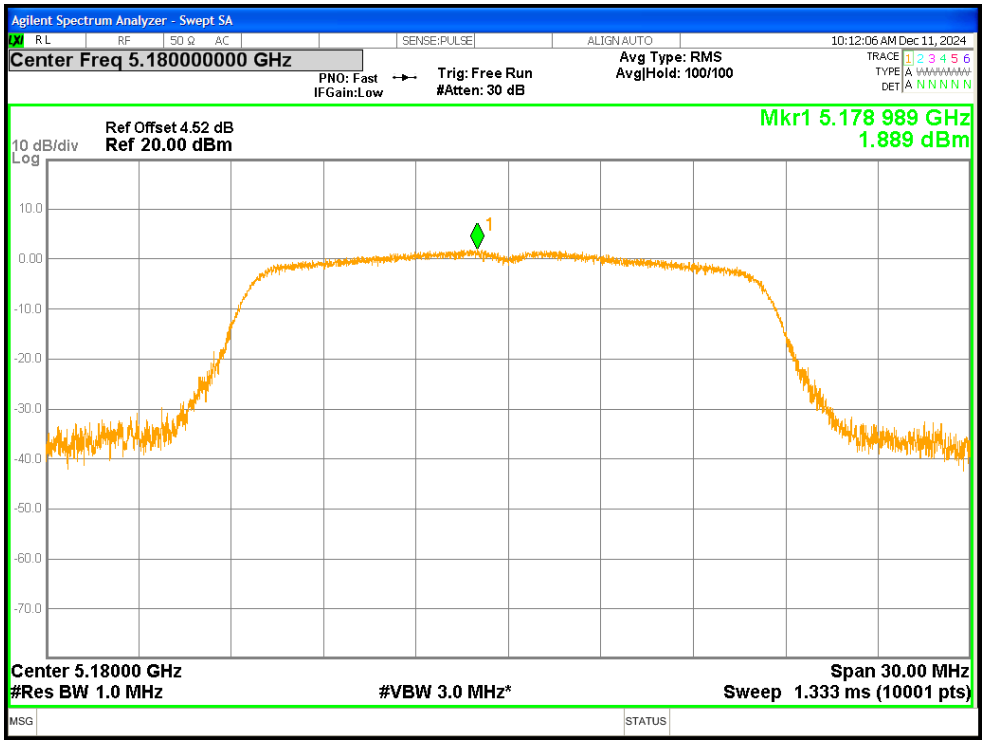


5. Maximum Power Spectral Density Level

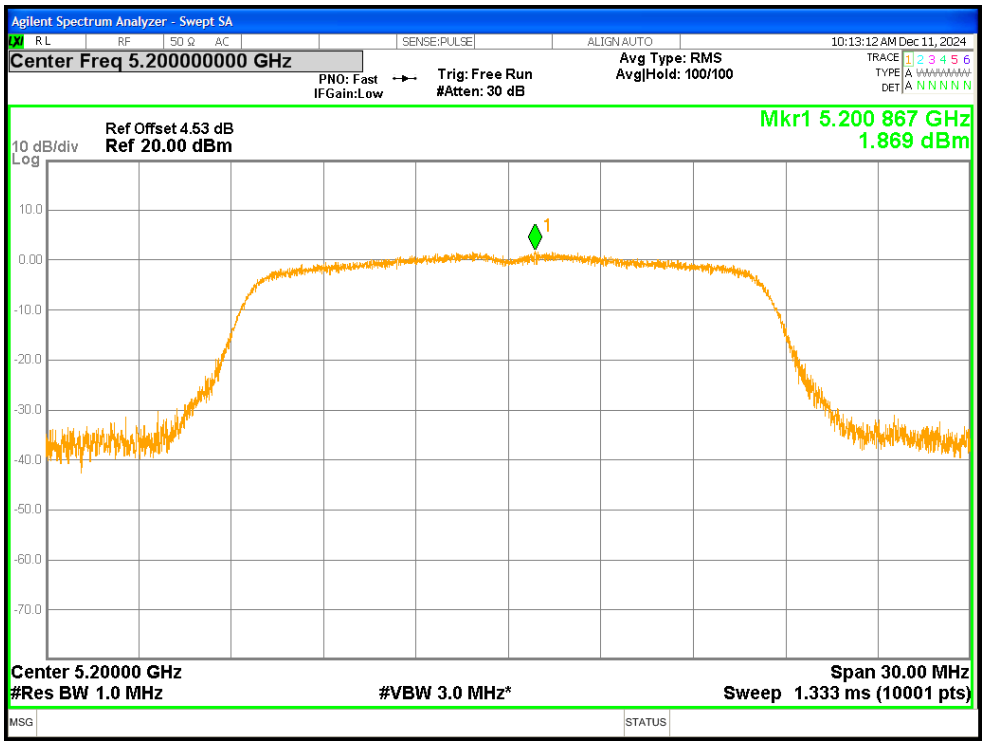
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	1.889	0.13	2.019	<=11	Pass
NVNT	a	5200	1.869	0.13	1.999	<=11	Pass
NVNT	a	5240	2.254	0.13	2.384	<=11	Pass
NVNT	n20	5180	1.771	0.14	1.911	<=11	Pass
NVNT	n20	5200	1.196	0.14	1.336	<=11	Pass
NVNT	n20	5240	1.777	0.14	1.917	<=11	Pass
NVNT	n40	5190	-2.777	0.27	-2.507	<=11	Pass
NVNT	n40	5230	-2.124	0.29	-1.834	<=11	Pass

Test Graphs

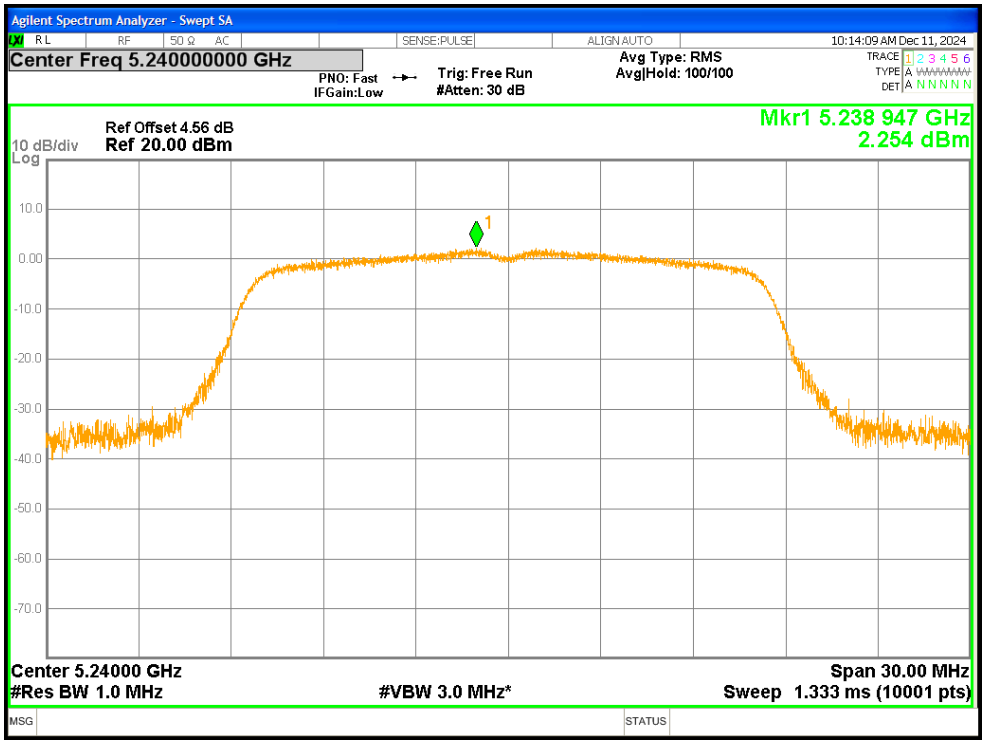
PSD NVNT a 5180MHz



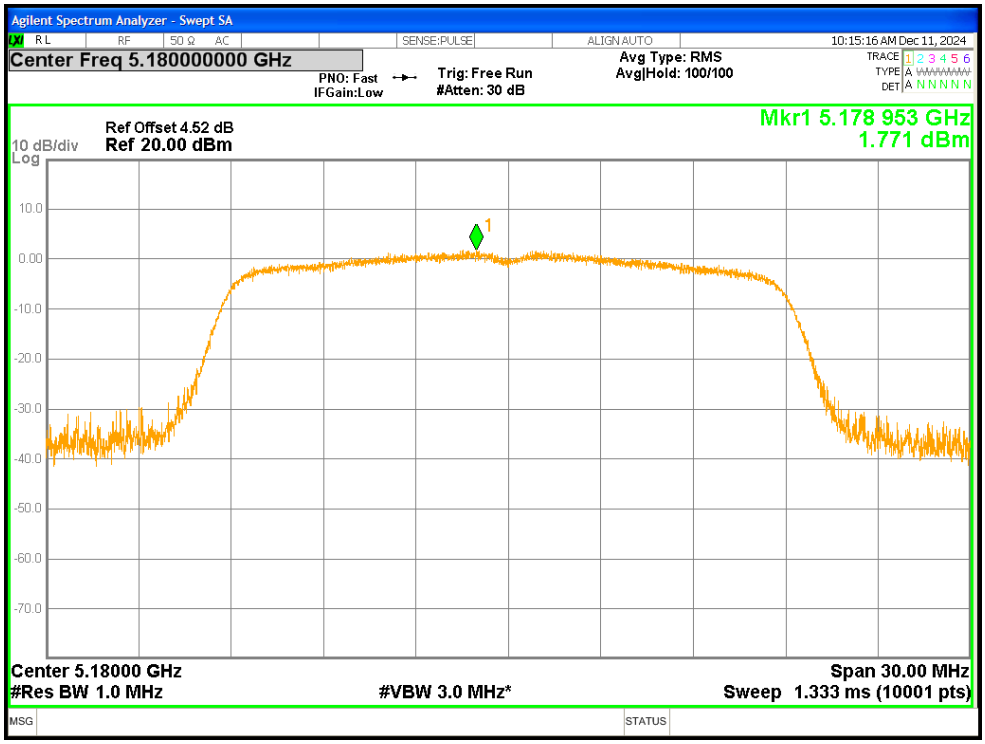
PSD NVNT a 5200MHz



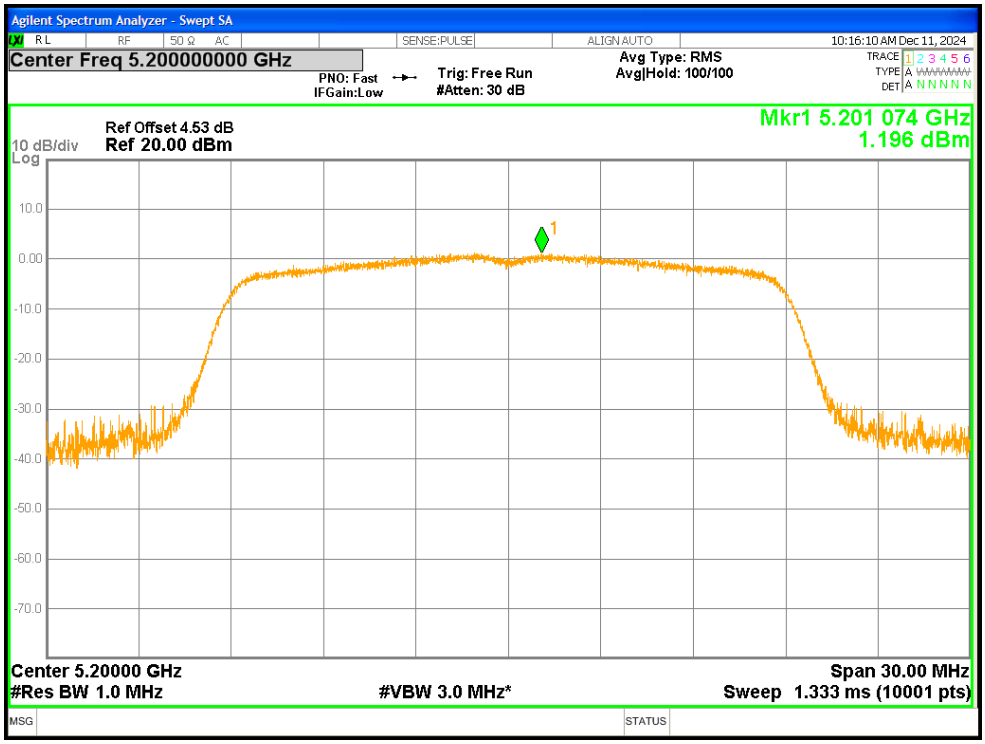
PSD NVNT a 5240MHz



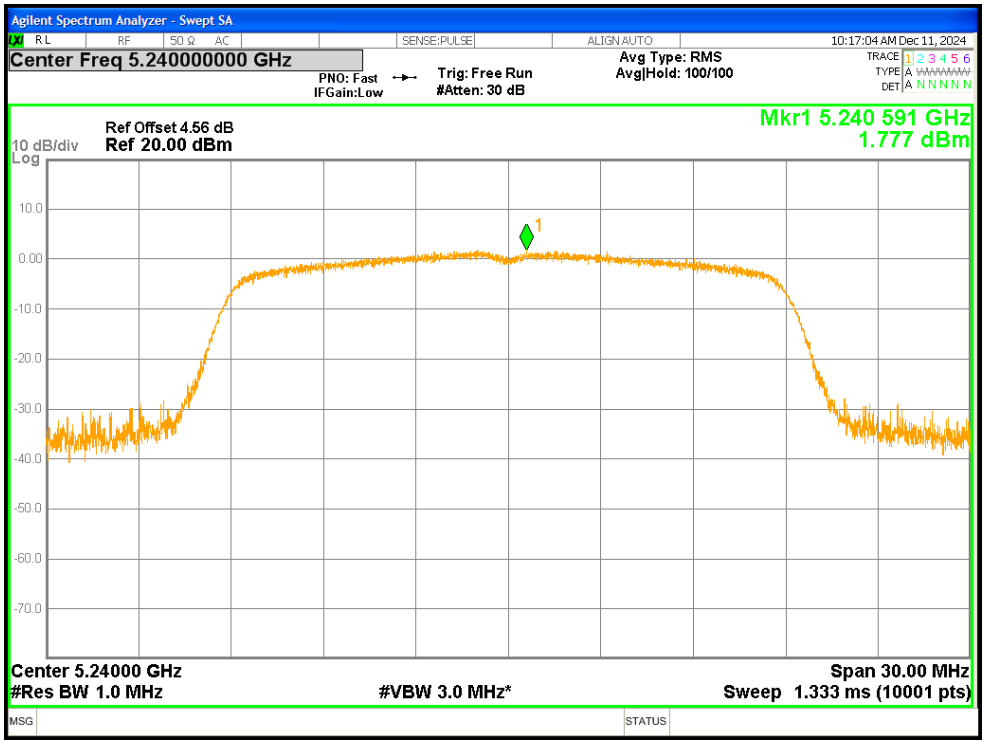
PSD NVNT n20 5180MHz



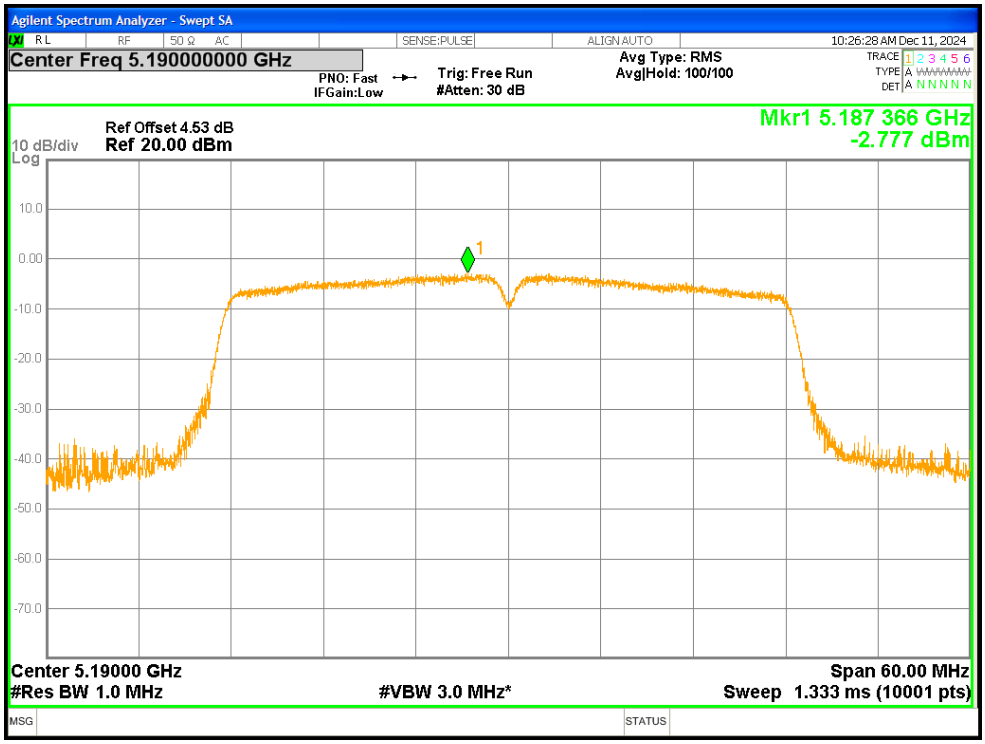
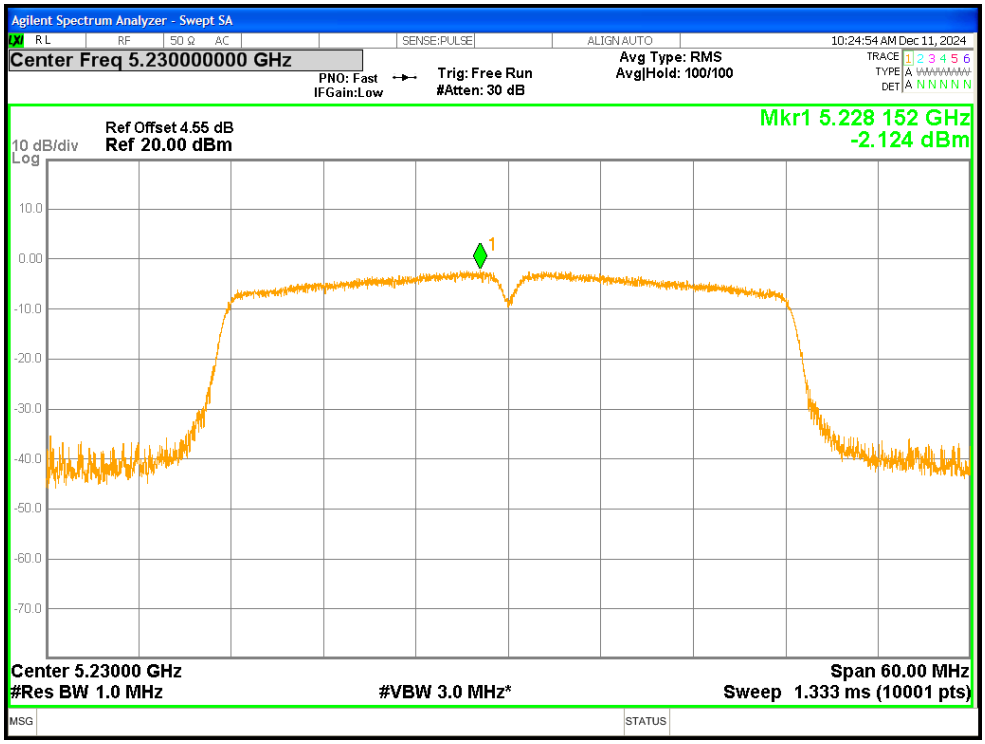
PSD NVNT n20 5200MHz



PSD NVNT n20 5240MHz



PSD NVNT n40 5190MHz



PSD NVNT n40 5230MHz