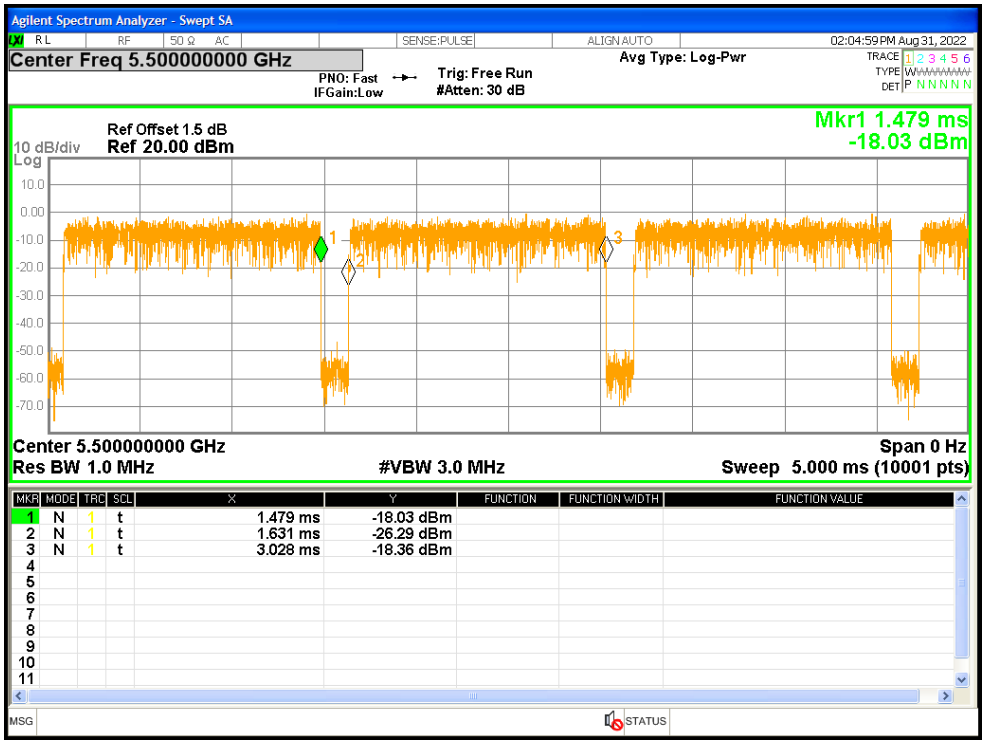
1. Duty Cycle

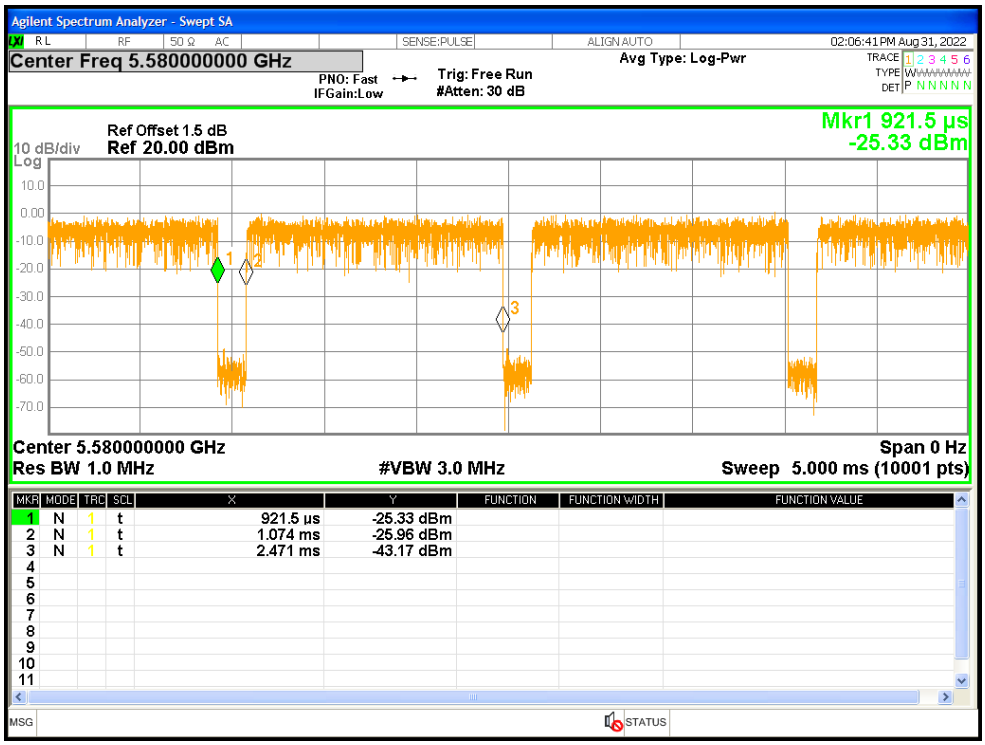
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	90.19	0.45	0.72
NVNT	a	5580	90.19	0.45	0.72
NVNT	a	5700	90.19	0.45	0.72
NVNT	n20	5500	88.6	0.53	0.85
NVNT	n20	5580	88.6	0.53	0.85
NVNT	n20	5700	88.6	0.53	0.85
NVNT	n40	5510	79.57	0.99	1.7
NVNT	n40	5550	79.55	0.99	1.7
NVNT	n40	5670	79.57	0.99	1.7
NVNT	ac20	5500	88.7	0.52	0.84
NVNT	ac20	5580	88.7	0.52	0.84
NVNT	ac20	5700	88.7	0.52	0.84
NVNT	ac40	5510	79.73	0.98	1.68
NVNT	ac40	5550	79.73	0.98	1.68
NVNT	ac40	5670	79.72	0.98	1.68
NVNT	ac80	5530	66.18	1.79	3.37
NVNT	ac80	5610	66.27	1.79	3.37

Test Graphs

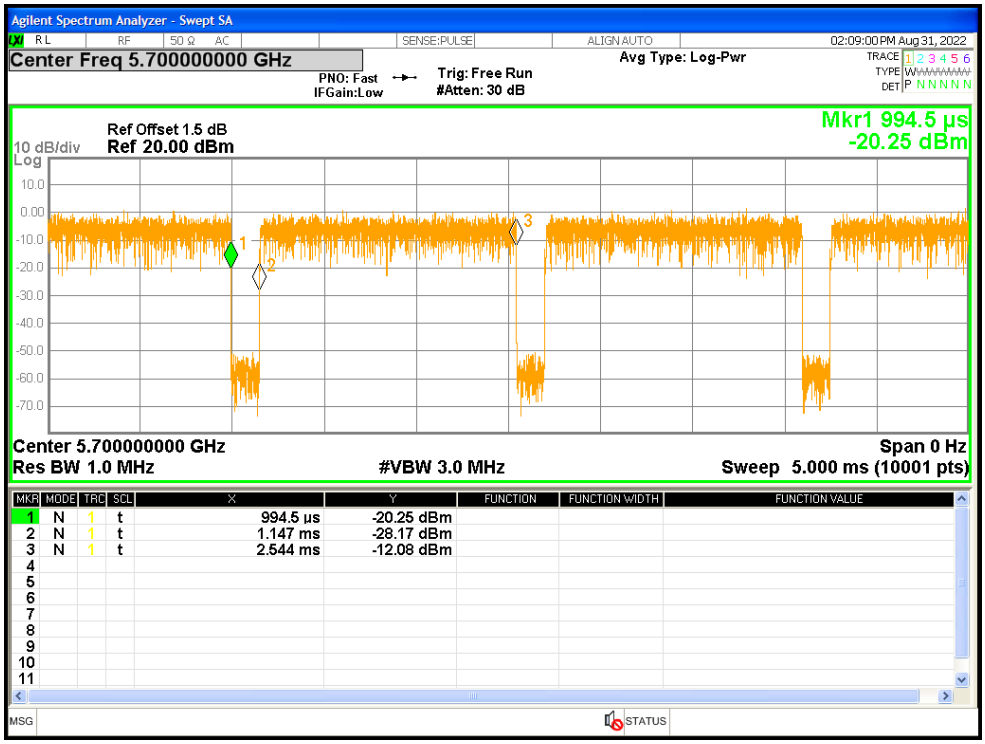
Duty Cycle NVNT a 5500MHz



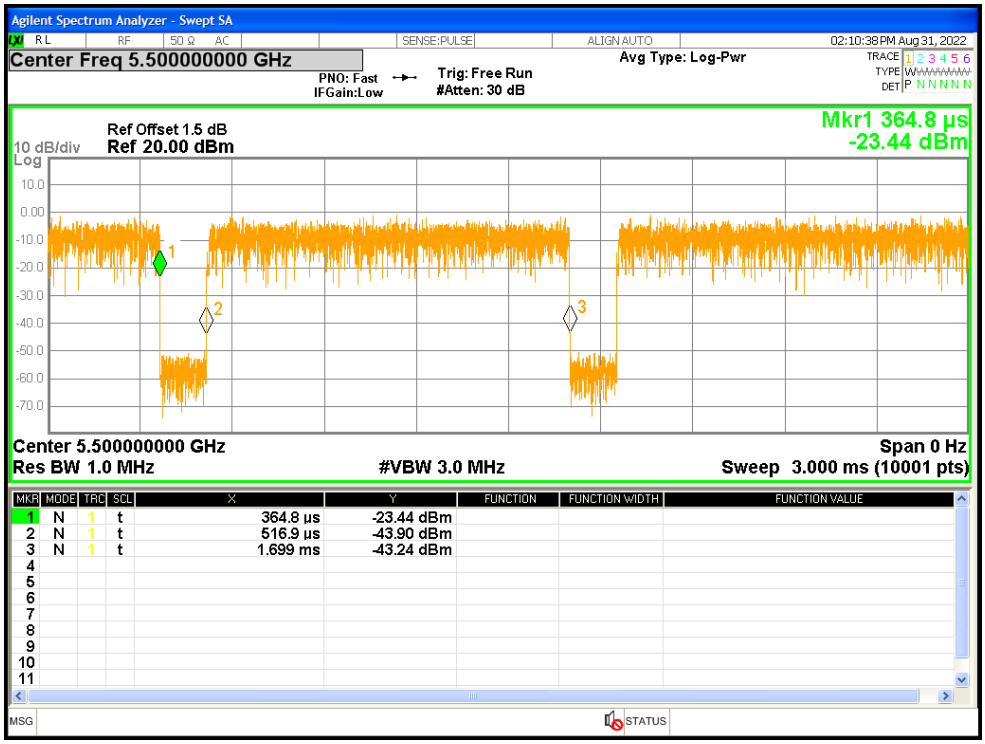
Duty Cycle NVNT a 5580MHz



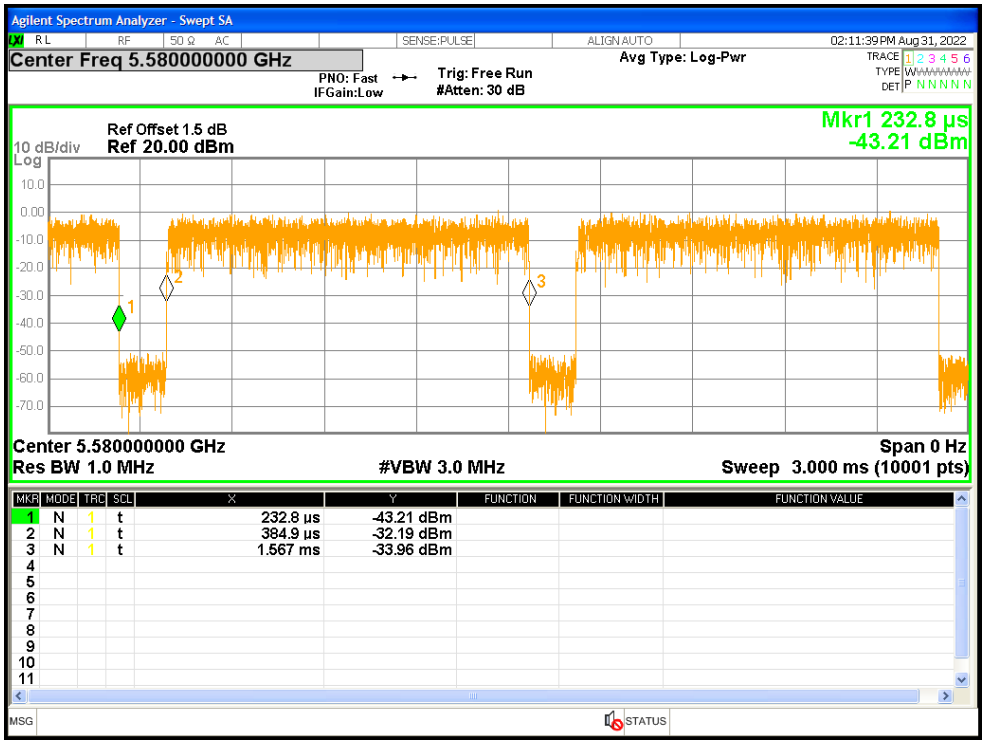
Duty Cycle NVNT a 5700MHz



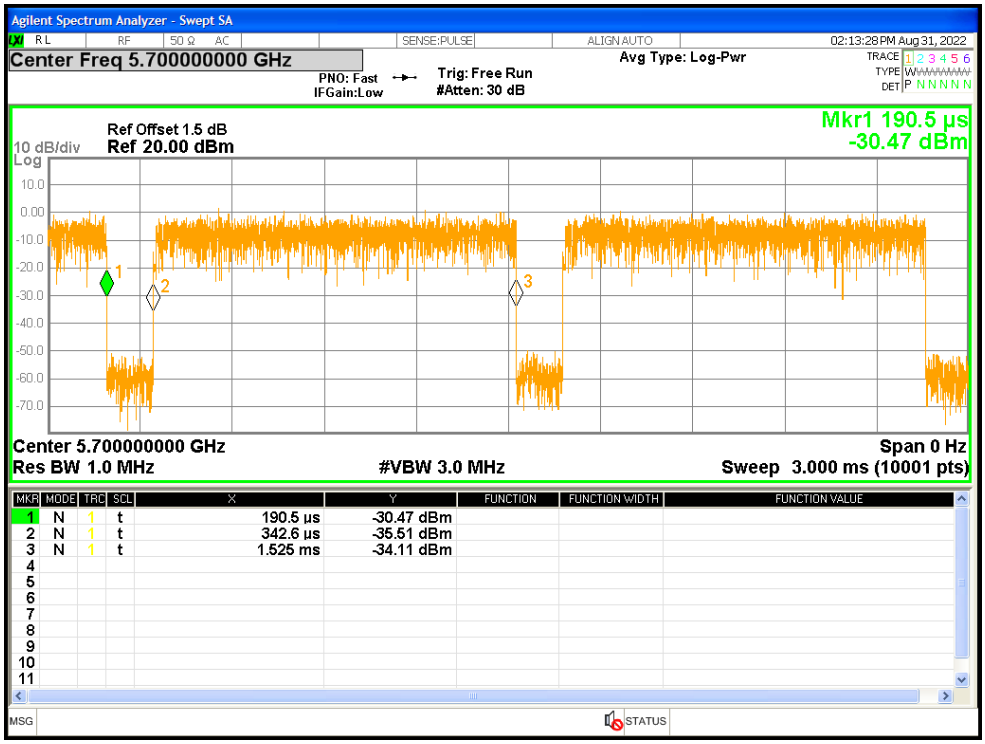
Duty Cycle NVNT n20 5500MHz



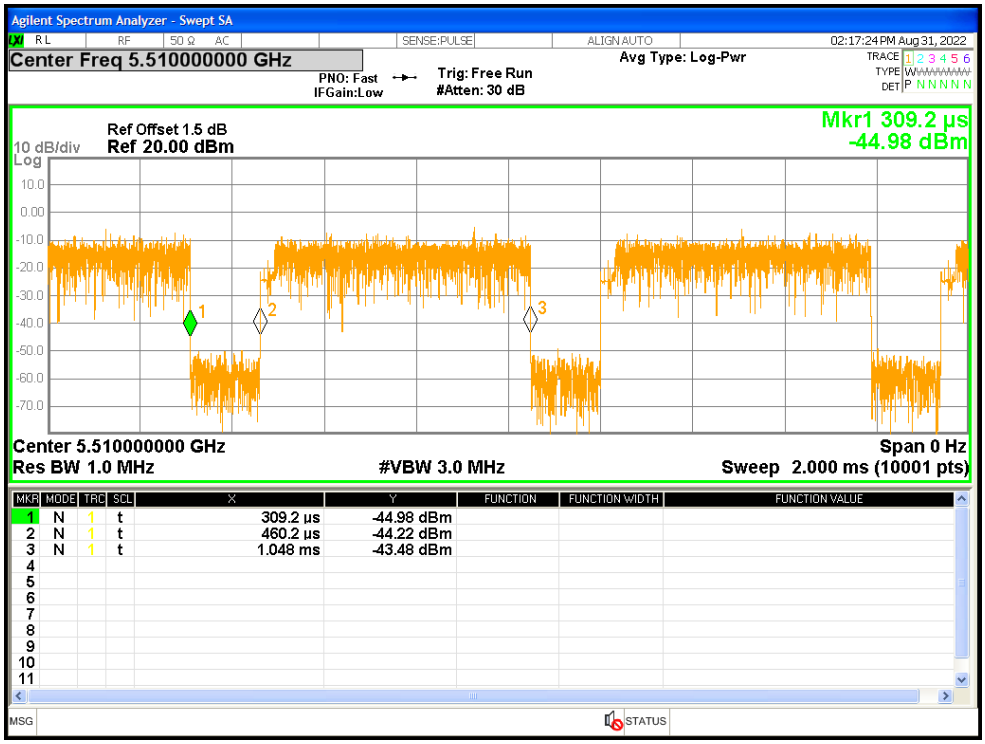
Duty Cycle NVNT n20 5580MHz



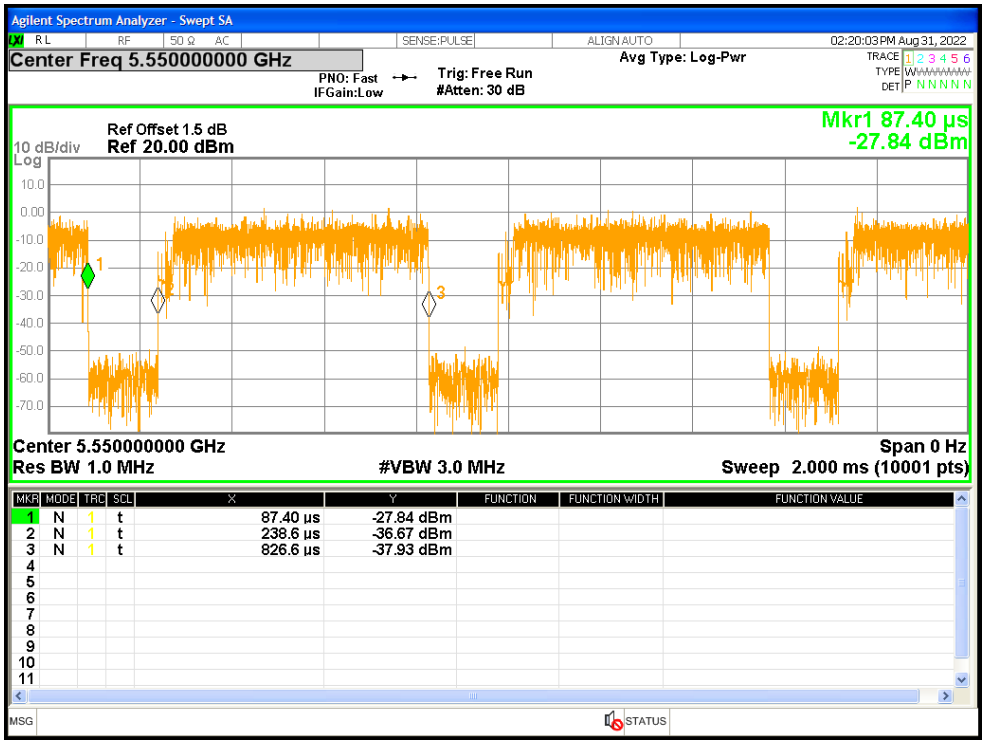
Duty Cycle NVNT n20 5700MHz



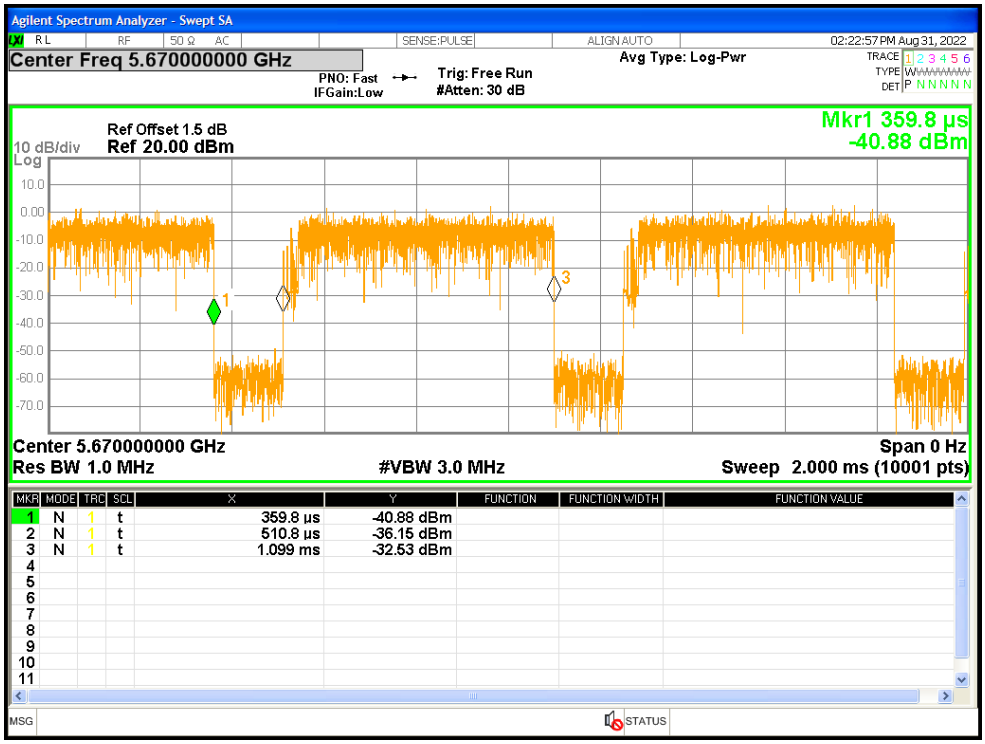
Duty Cycle NVNT n40 5510MHz



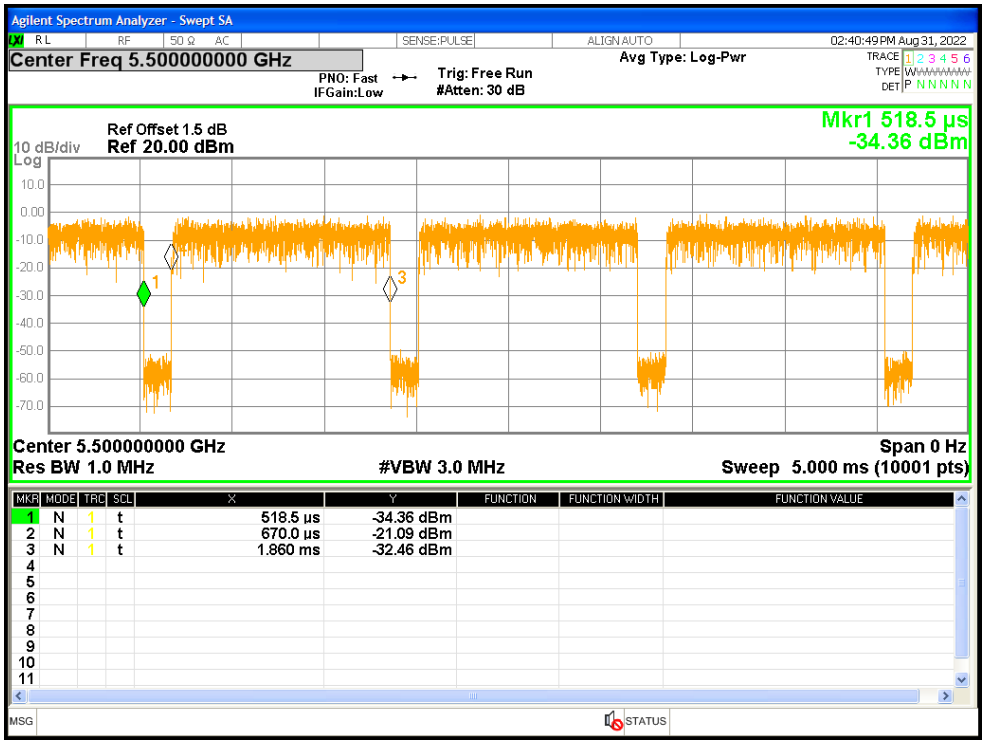
Duty Cycle NVNT n40 5550MHz



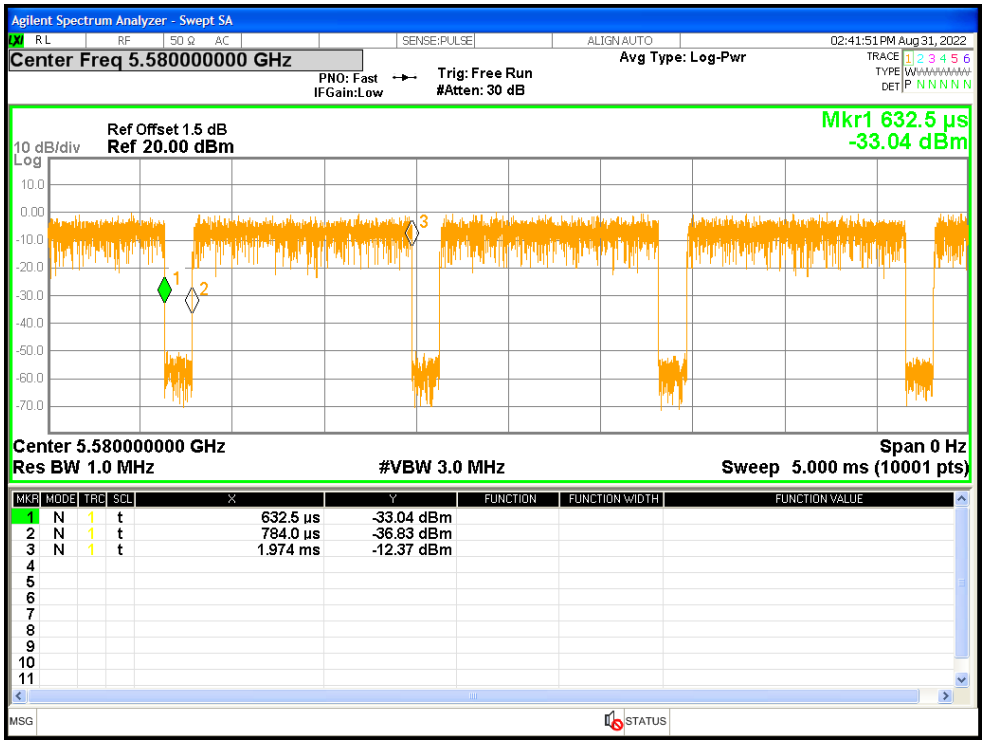
Duty Cycle NVNT n40 5670MHz



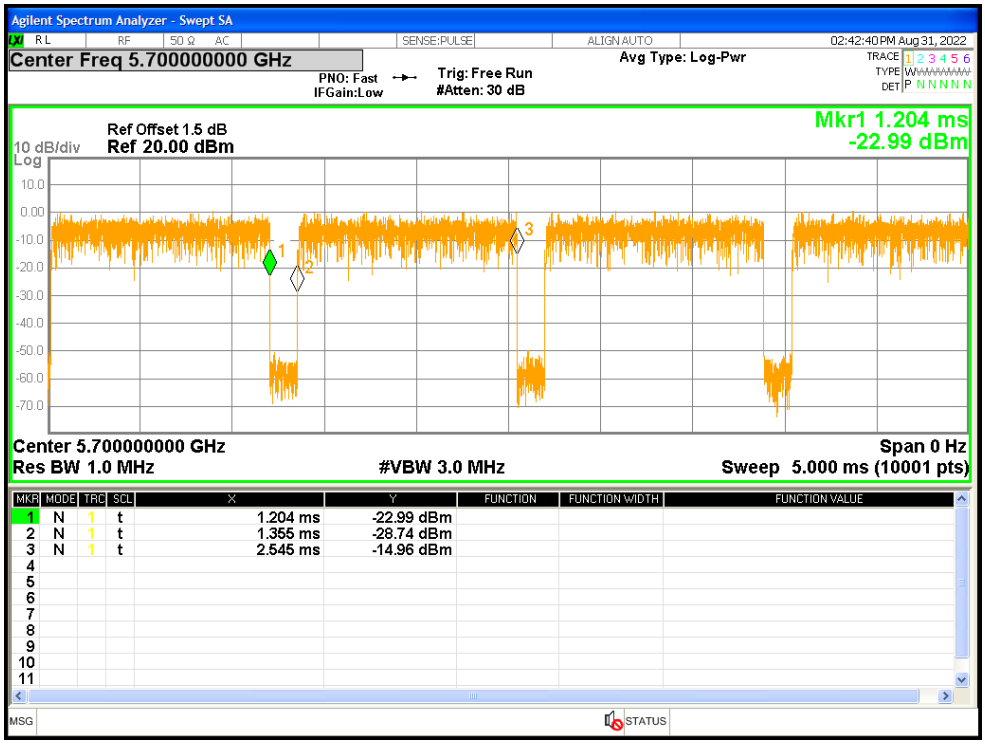
Duty Cycle NVNT ac20 5500MHz



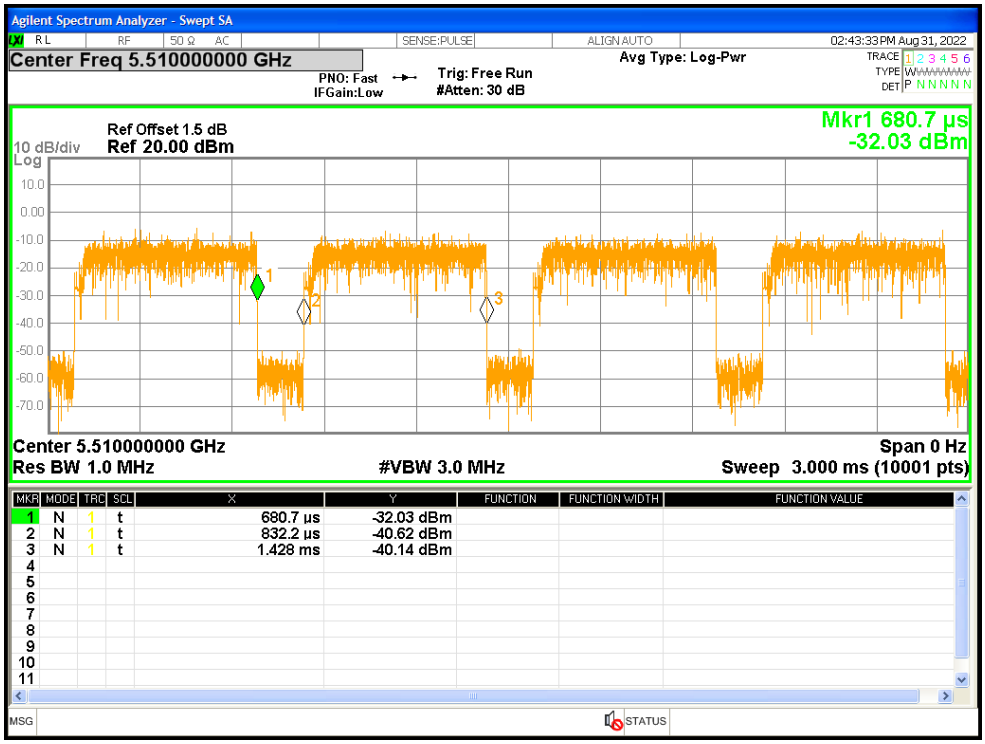
Duty Cycle NVNT ac20 5580MHz



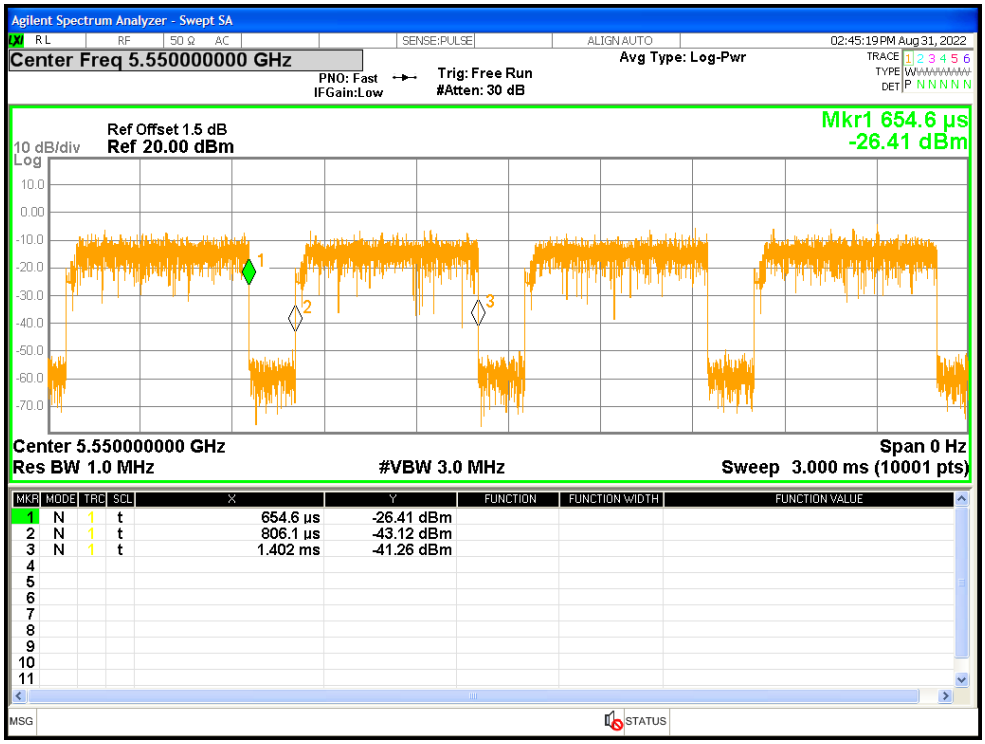
Duty Cycle NVNT ac20 5700MHz



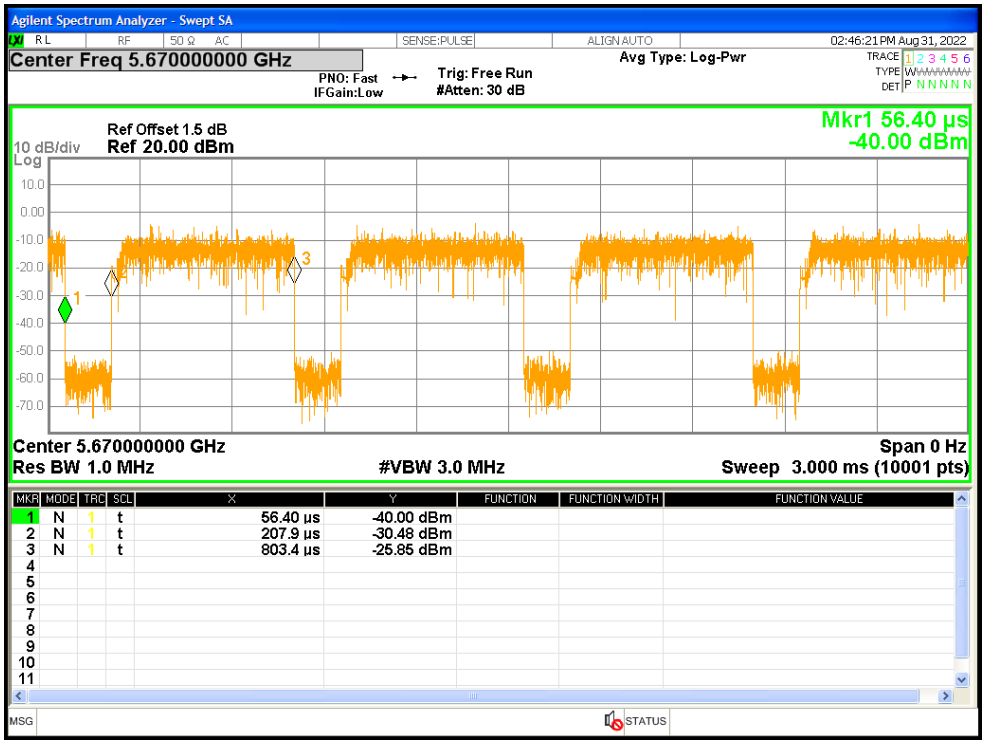
Duty Cycle NVNT ac40 5510MHz



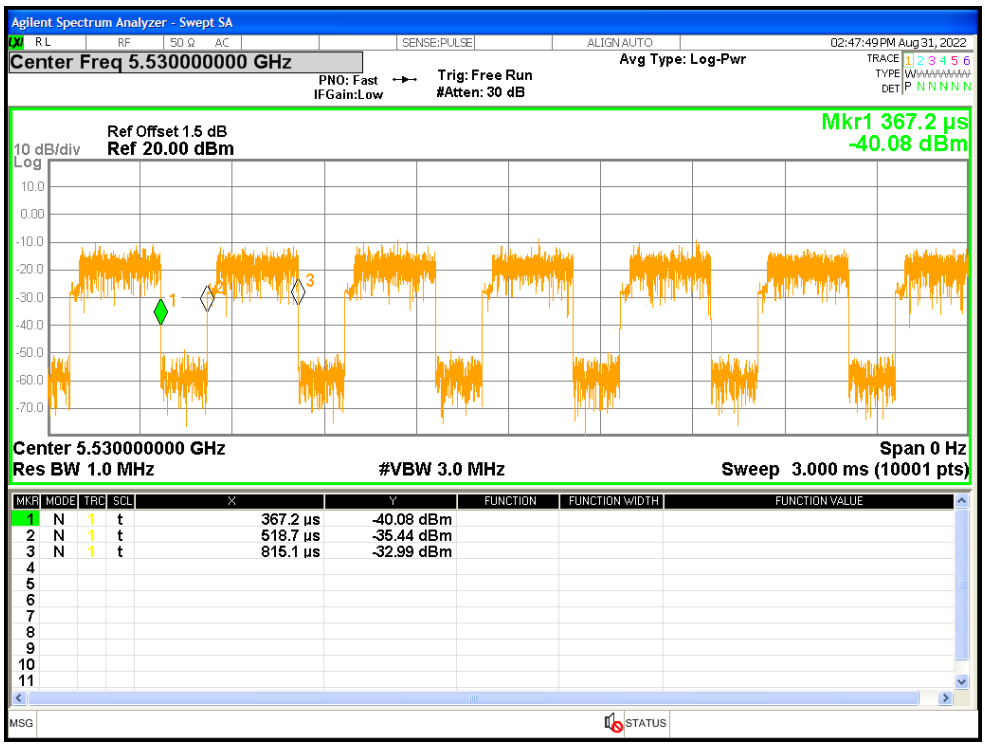
Duty Cycle NVNT ac40 5550MHz



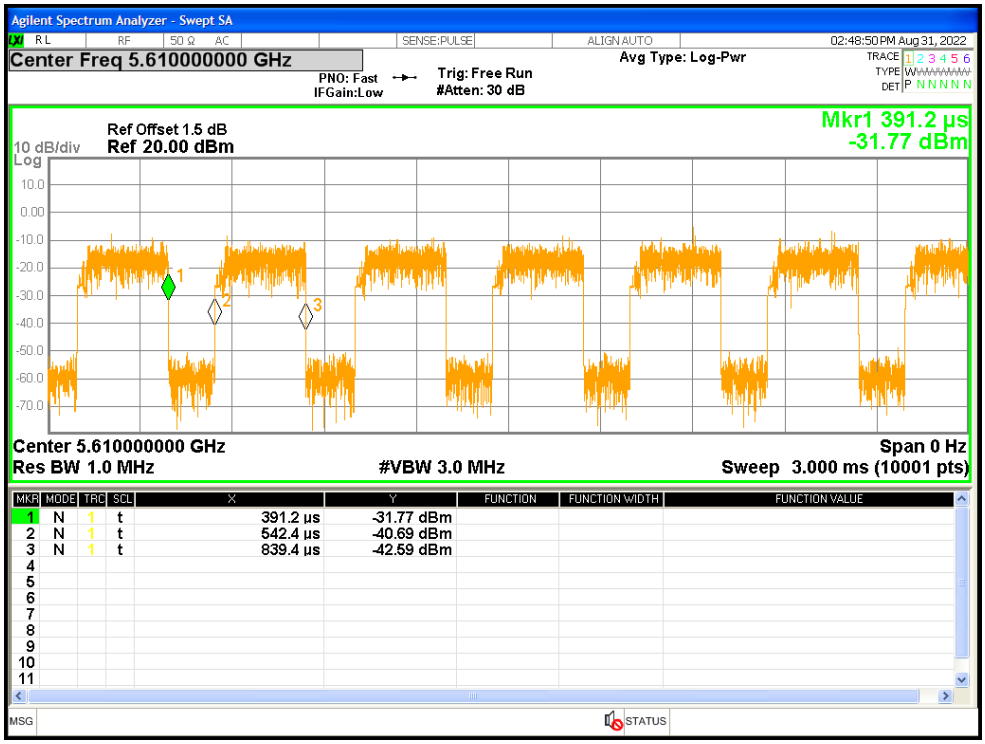
Duty Cycle NVNT ac40 5670MHz



Duty Cycle NVNT ac80 5530MHz



Duty Cycle NVNT ac80 5610MHz

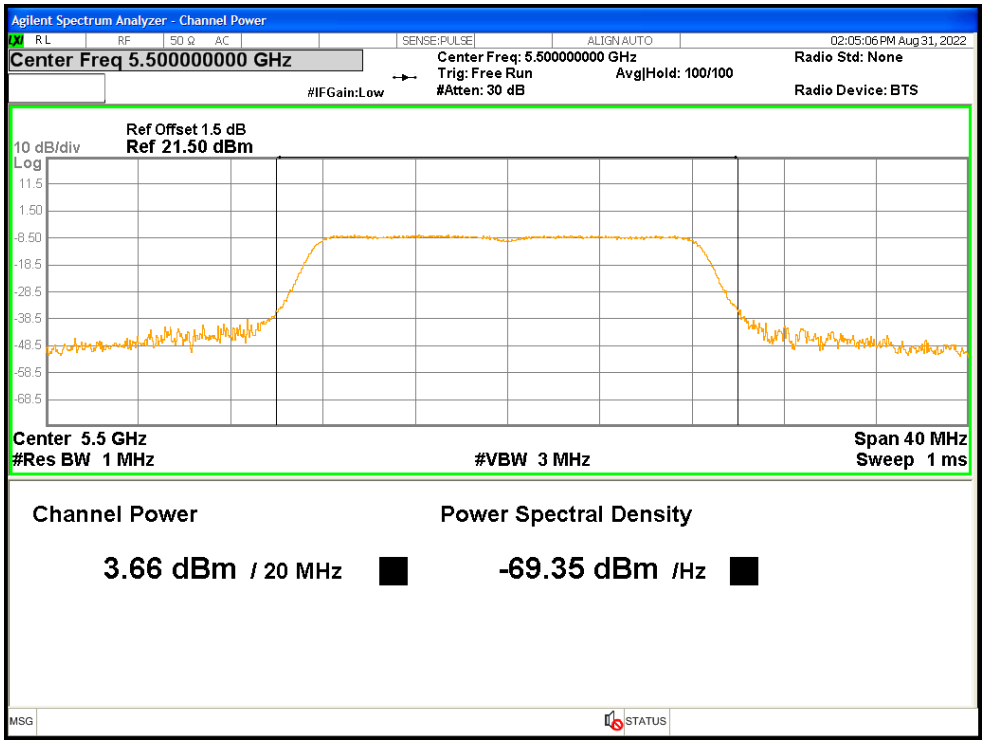


2. Maximum Conducted Output Power

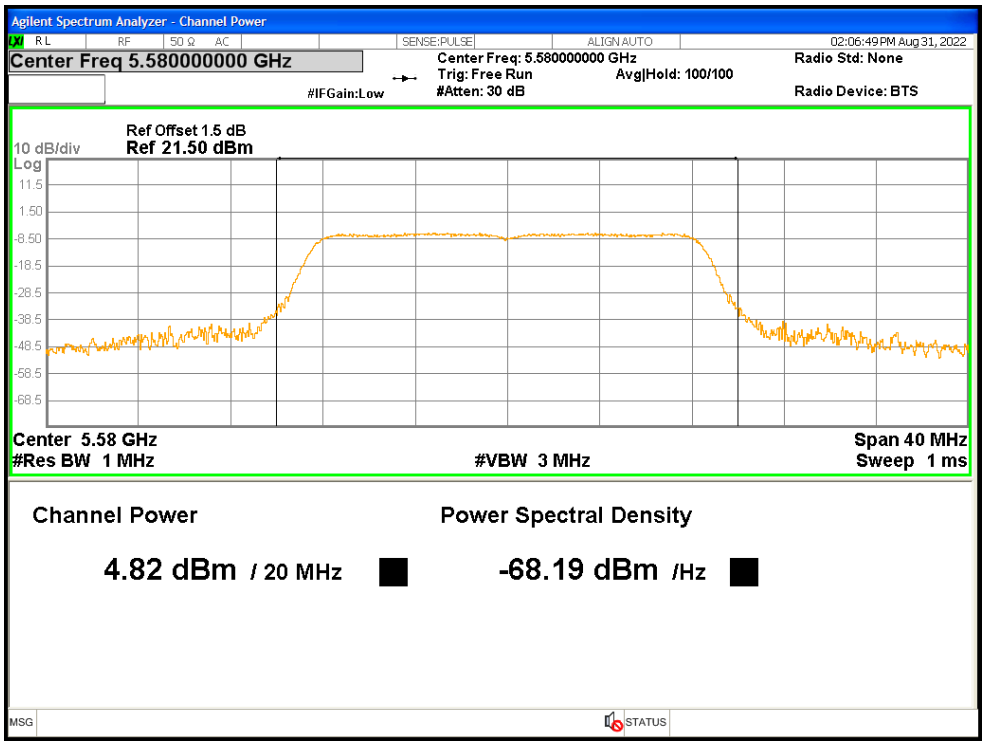
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	3.66	0.45	4.11	<=24	Pass
NVNT	a	5580	4.82	0.45	5.27	<=24	Pass
NVNT	a	5700	5.06	0.45	5.51	<=24	Pass
NVNT	n20	5500	3.85	0.53	4.38	<=24	Pass
NVNT	n20	5580	4.93	0.53	5.46	<=24	Pass
NVNT	n20	5700	5.14	0.53	5.67	<=24	Pass
NVNT	n40	5510	2.53	0.99	3.52	<=24	Pass
NVNT	n40	5550	3.26	0.99	4.25	<=24	Pass
NVNT	n40	5670	4.29	0.99	5.28	<=24	Pass
NVNT	ac20	5500	3.78	0.52	4.3	<=24	Pass
NVNT	ac20	5580	4.97	0.52	5.49	<=24	Pass
NVNT	ac20	5700	5.12	0.52	5.64	<=24	Pass
NVNT	ac40	5510	2.79	0.98	3.77	<=24	Pass
NVNT	ac40	5550	3.04	0.98	4.02	<=24	Pass
NVNT	ac40	5670	4.49	0.98	5.47	<=24	Pass
NVNT	ac80	5530	2.31	1.79	4.1	<=24	Pass
NVNT	ac80	5610	3.63	1.79	5.42	<=24	Pass

Test Graphs

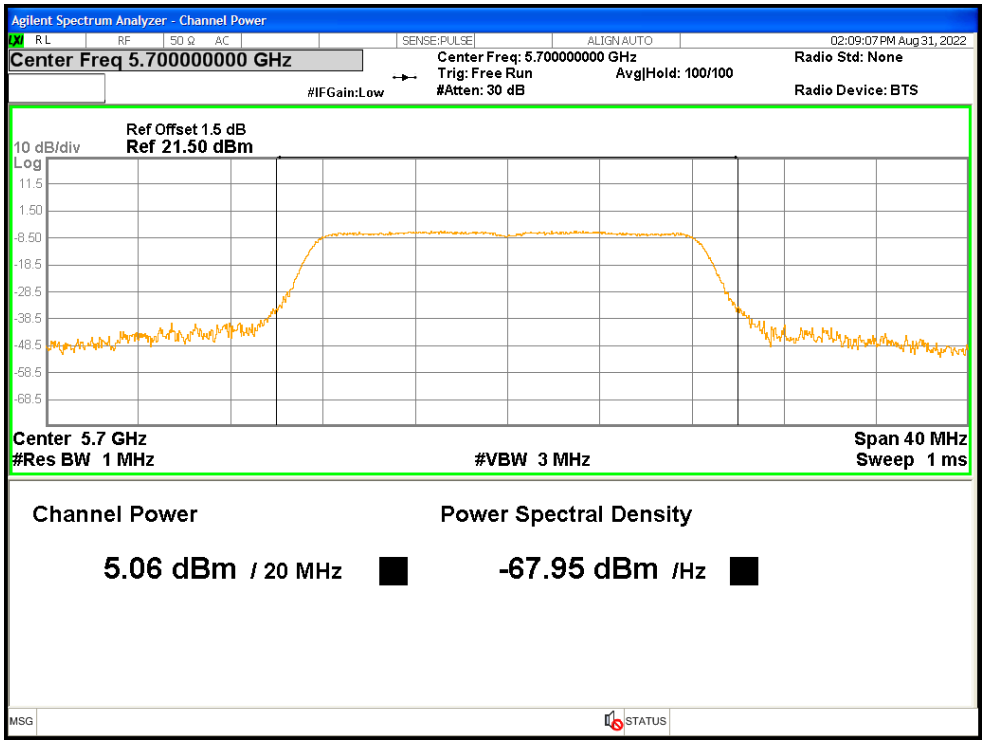
Power NVNT a 5500MHz



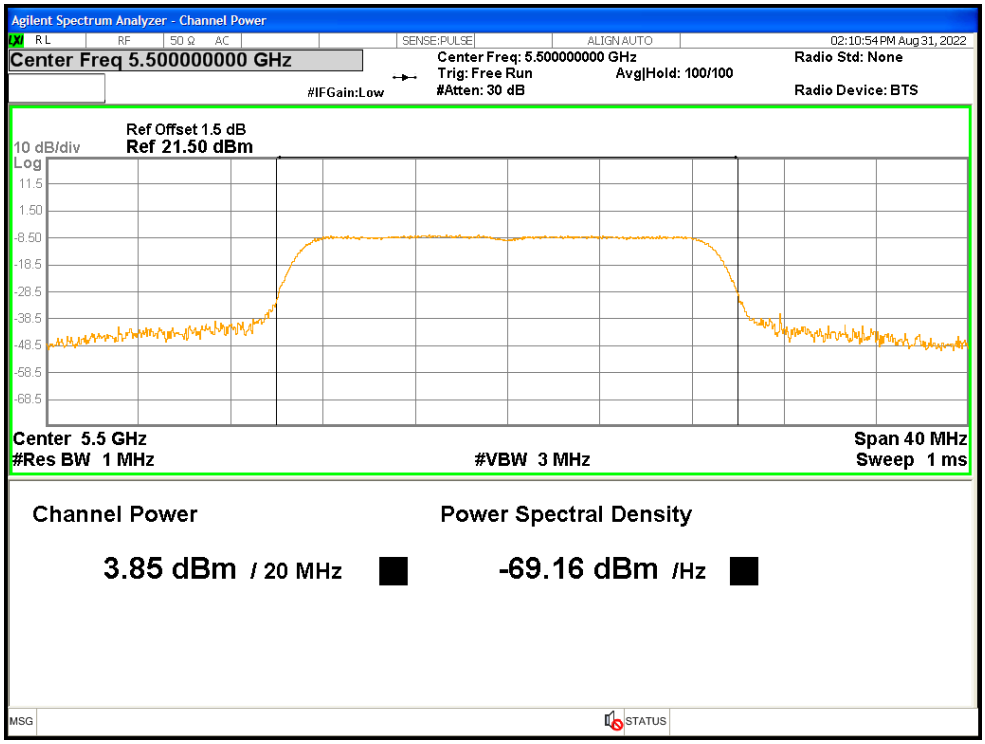
Power NVNT a 5580MHz



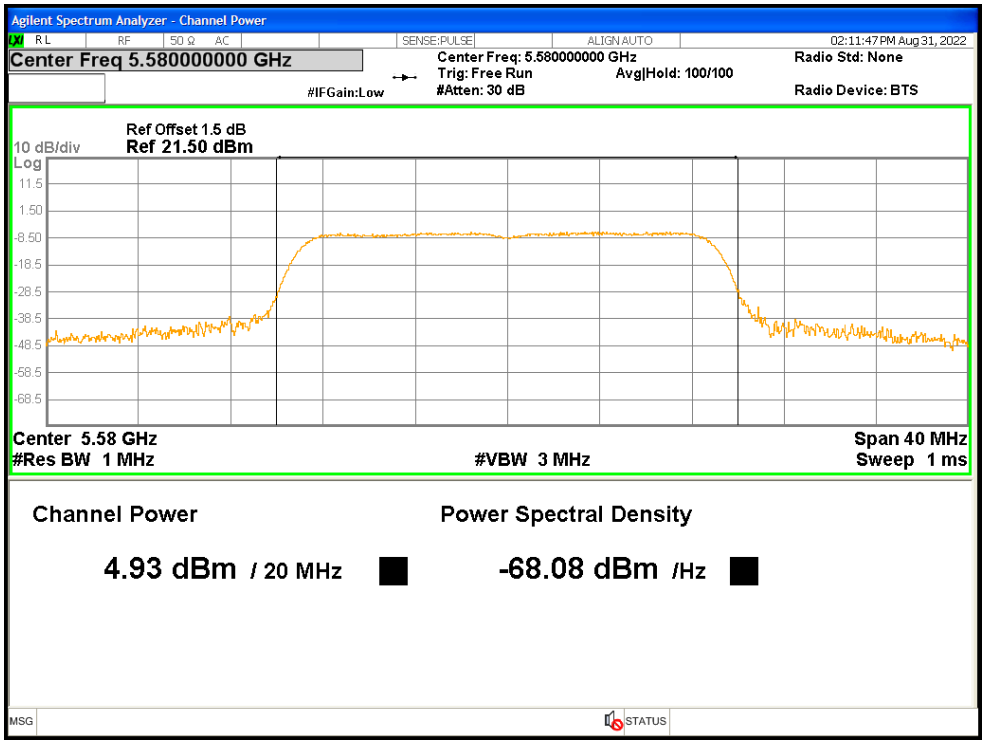
Power NVNT a 5700MHz



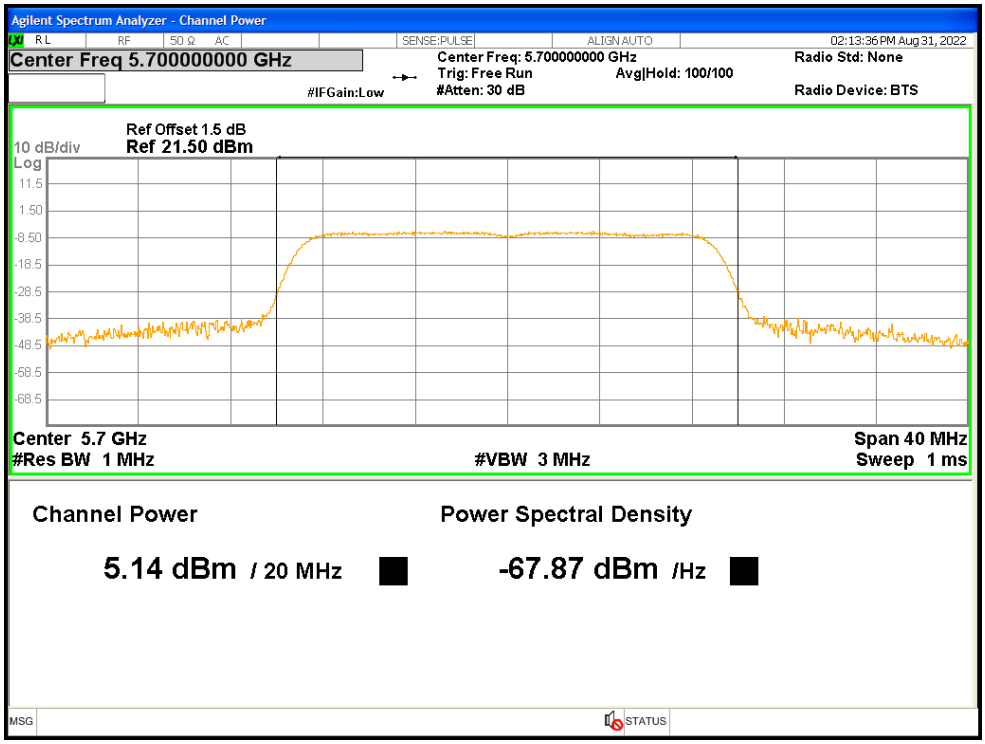
Power NVNT n20 5500MHz



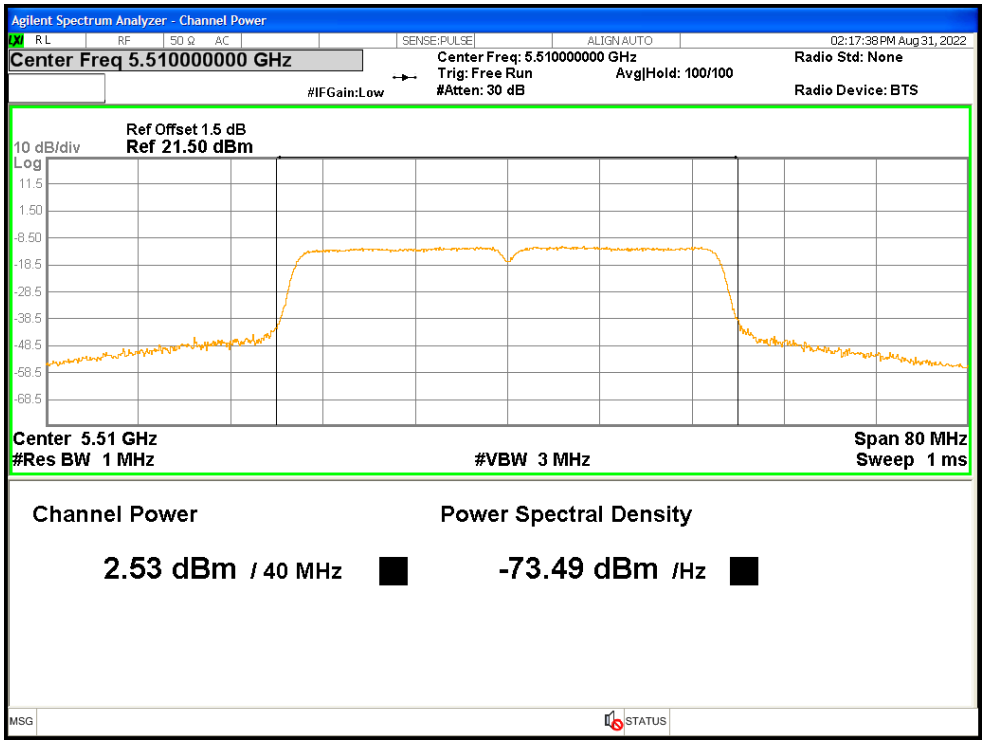
Power NVNT n20 5580MHz



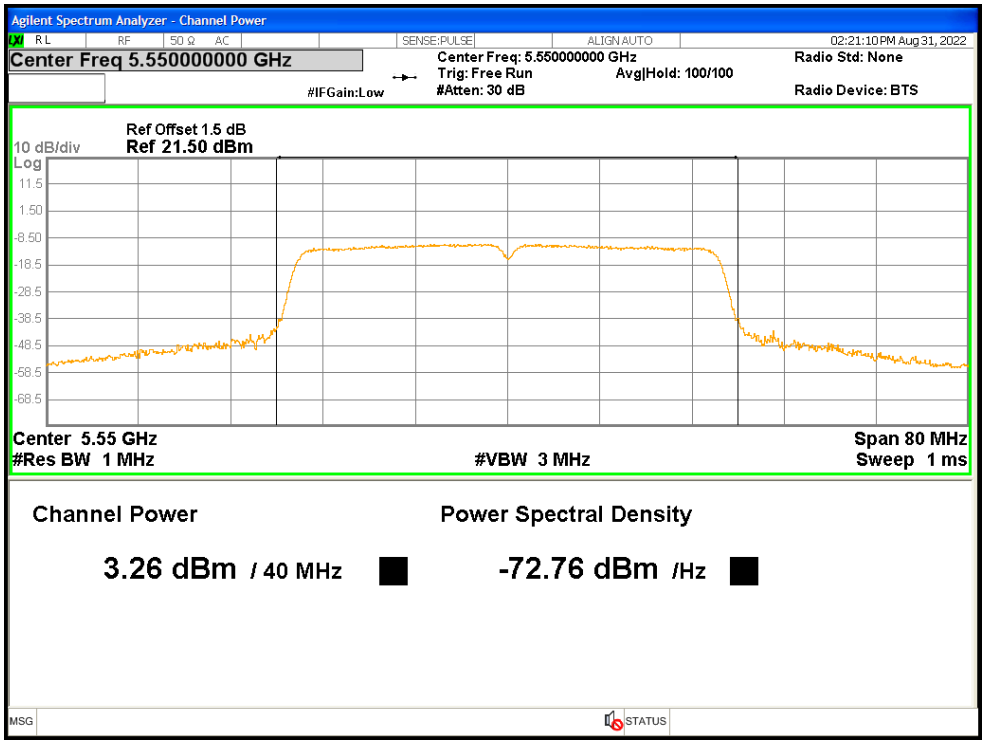
Power NVNT n20 5700MHz



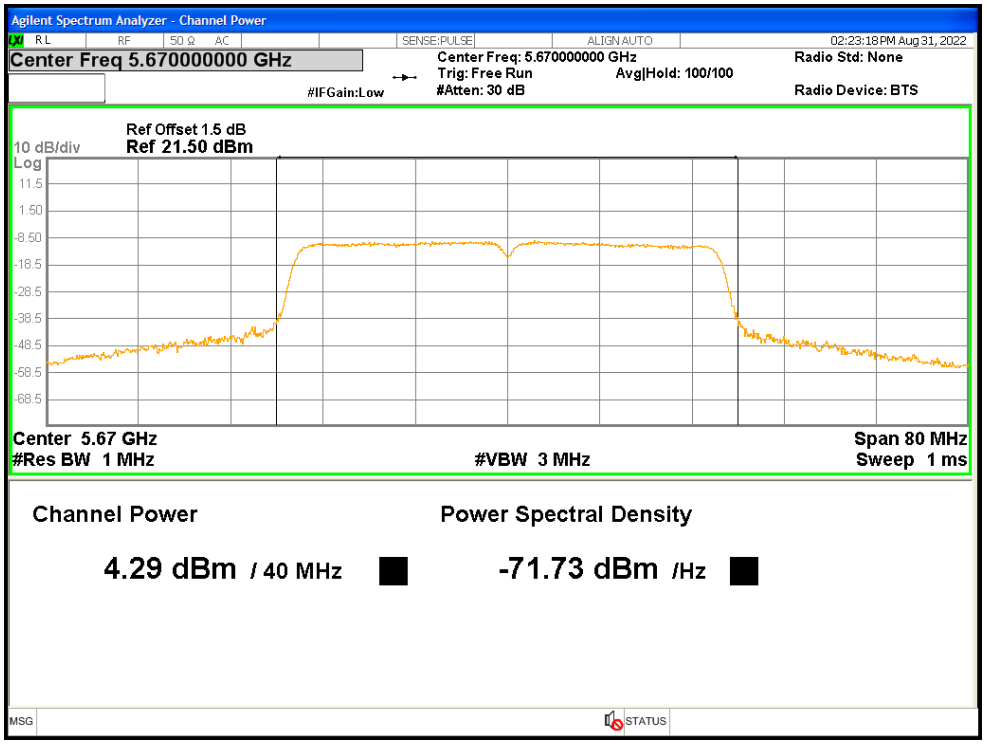
Power NVNT n40 5510MHz



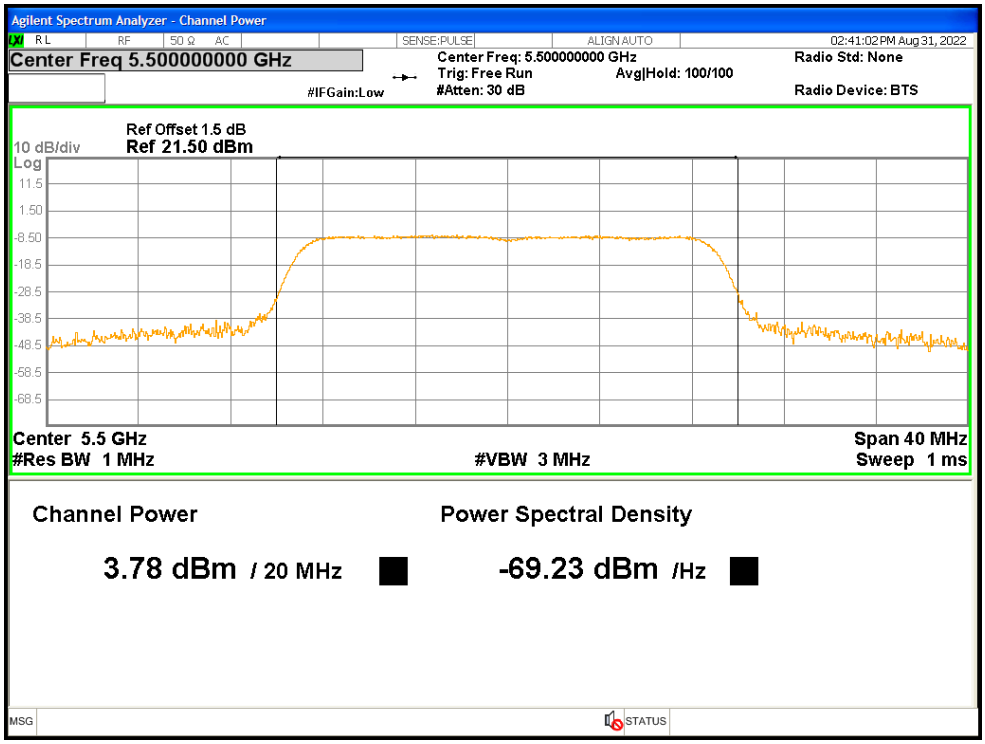
Power NVNT n40 5550MHz



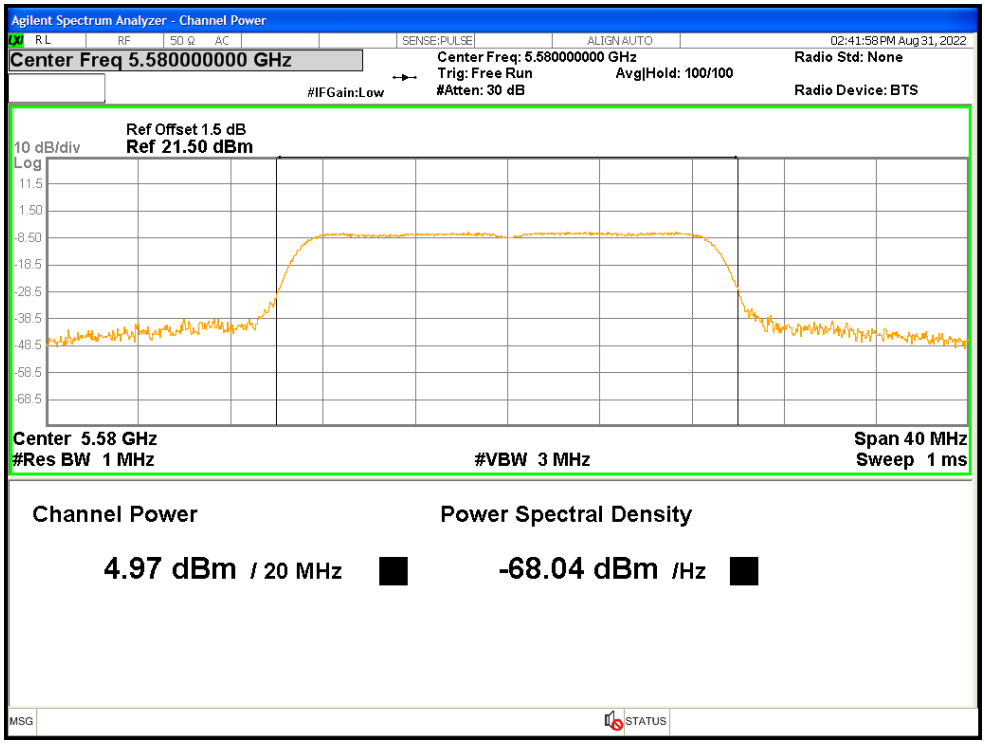
Power NVNT n40 5670MHz



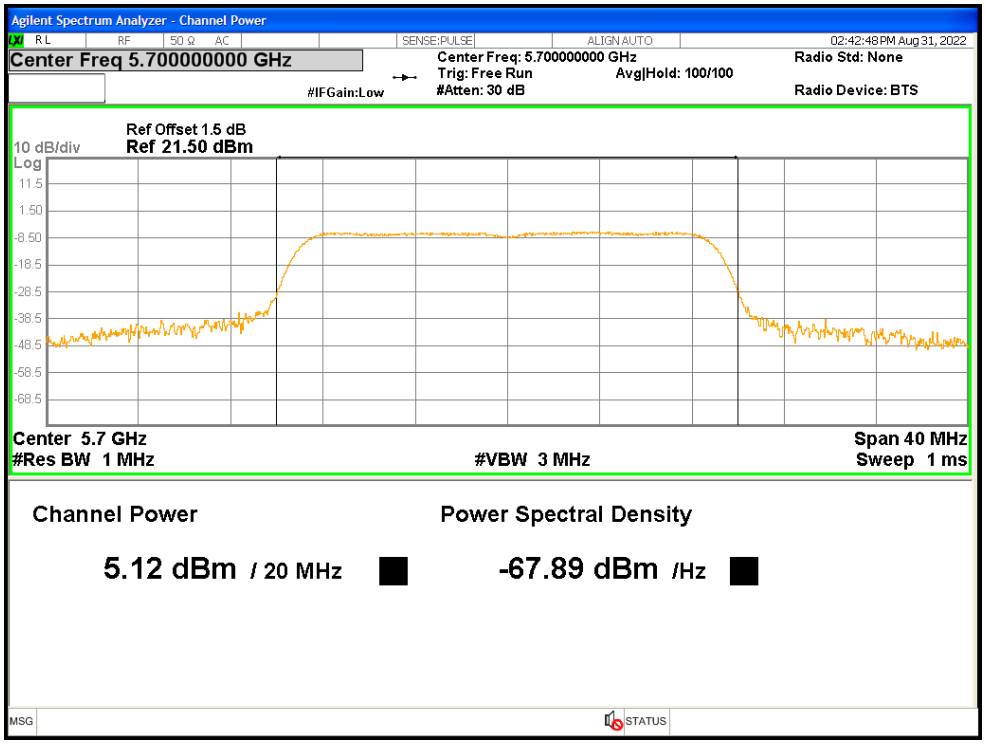
Power NVNT ac20 5500MHz



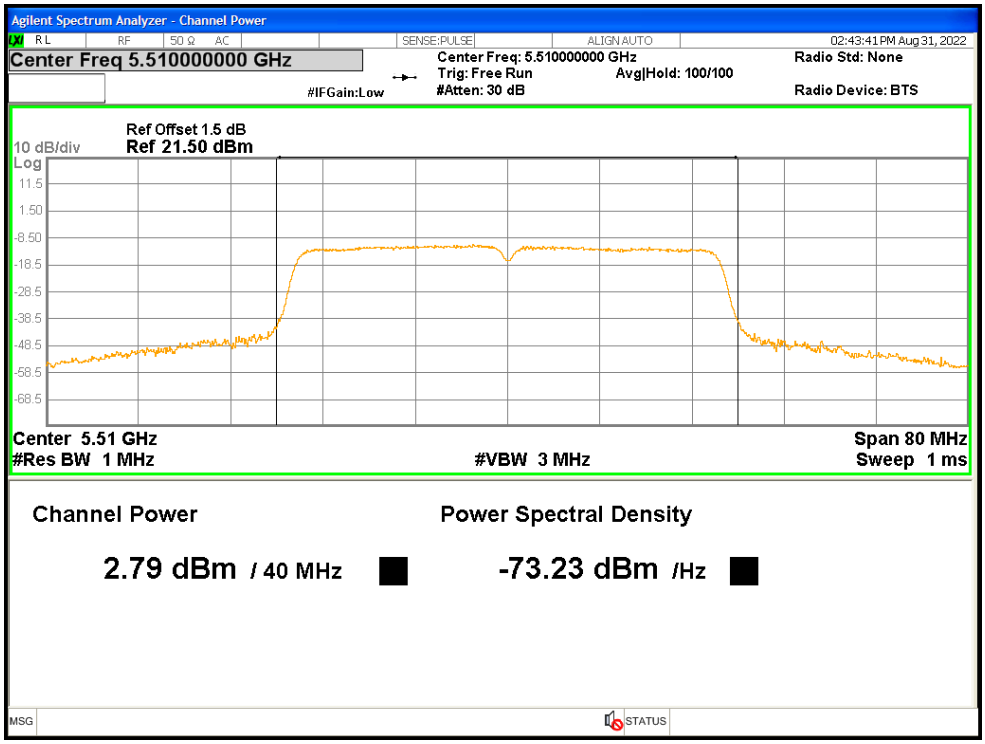
Power NVNT ac20 5580MHz



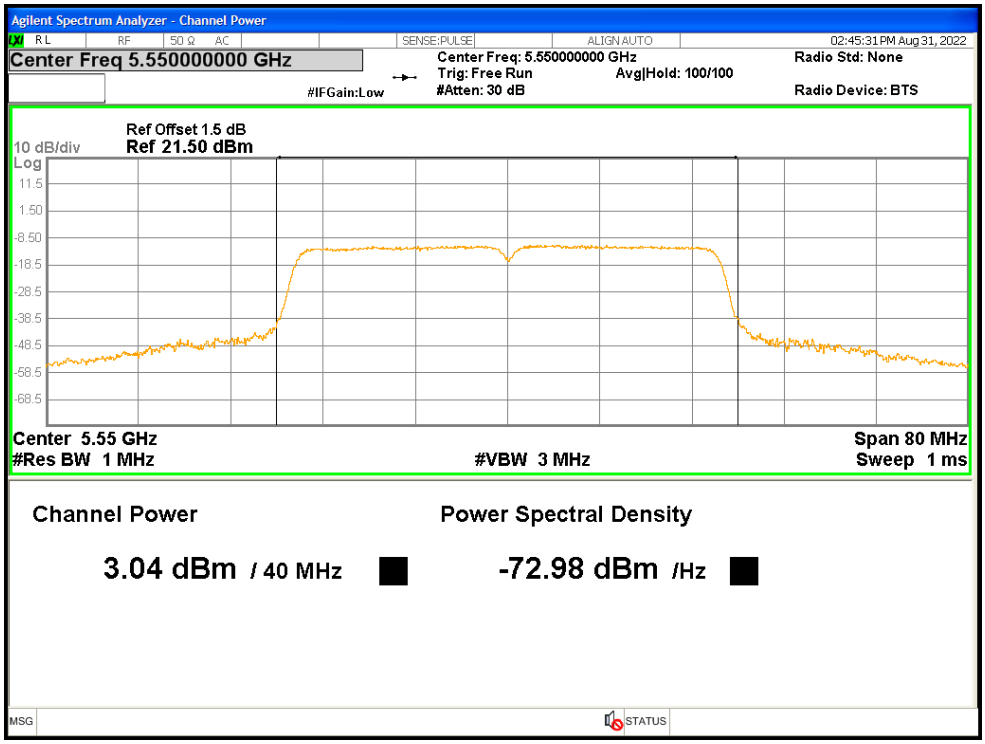
Power NVNT ac20 5700MHz



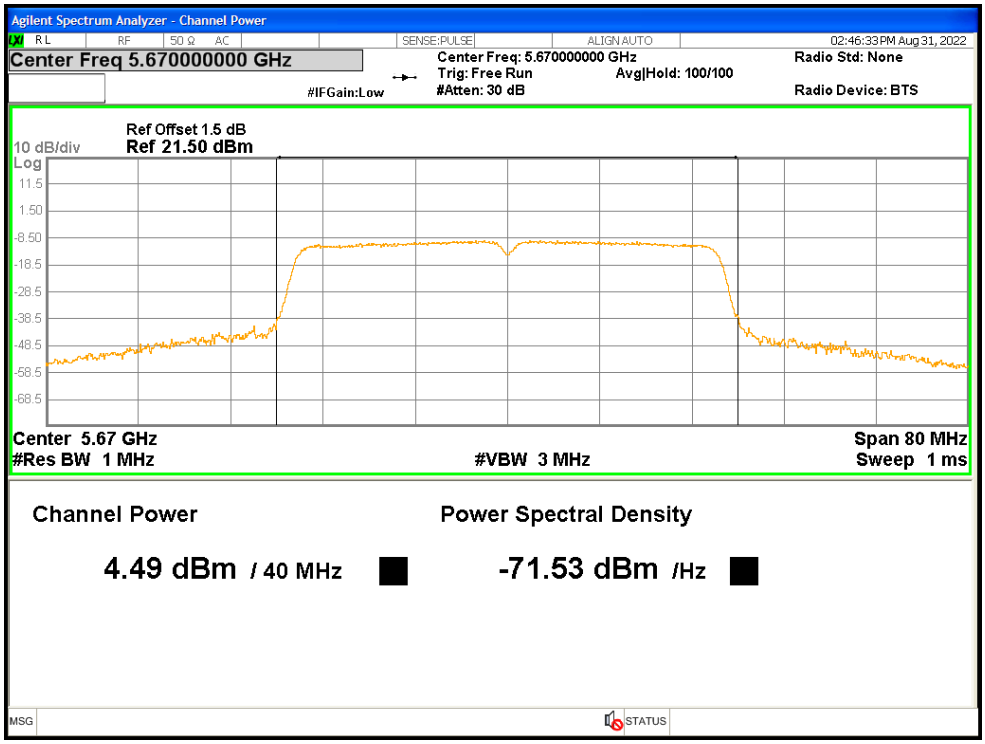
Power NVNT ac40 5510MHz



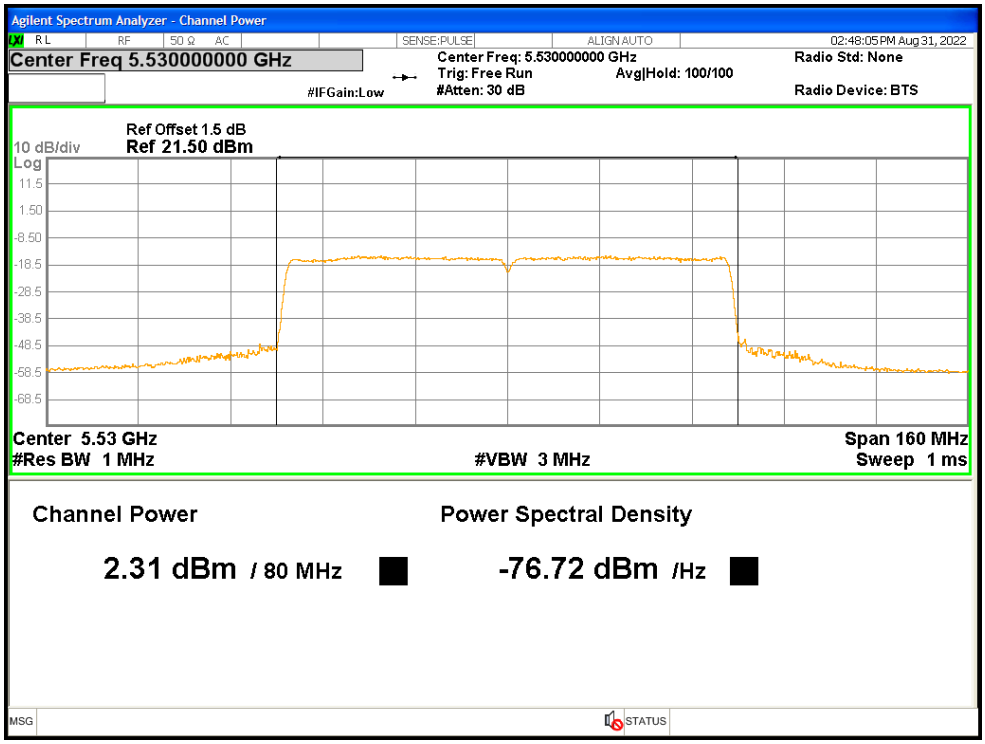
Power NVNT ac40 5550MHz



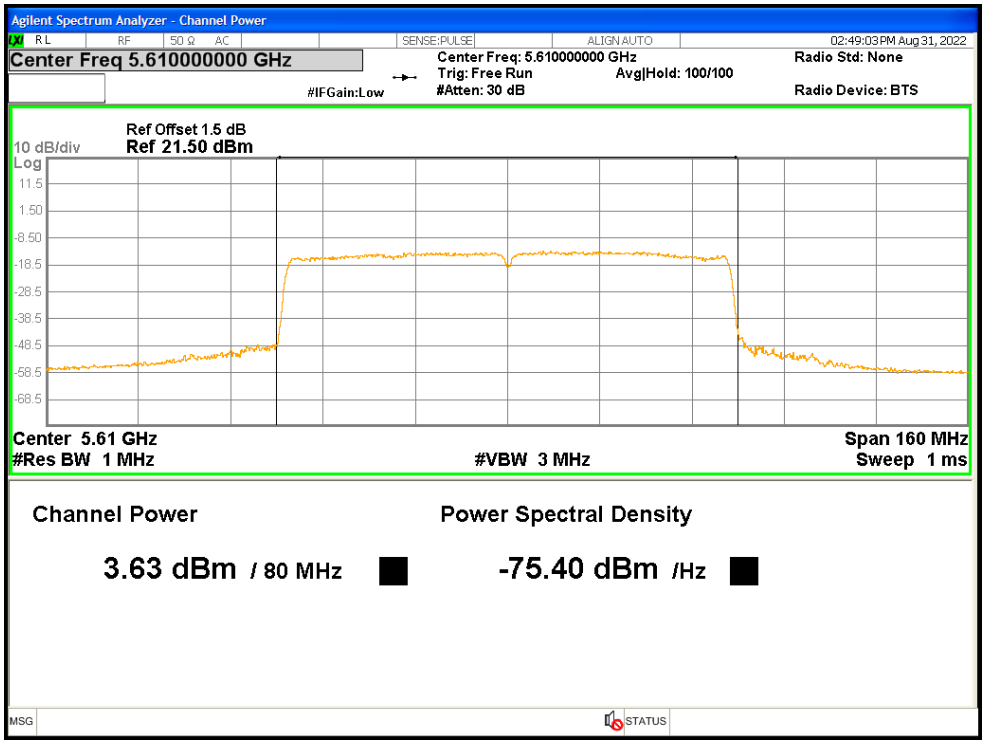
Power NVNT ac40 5670MHz



Power NVNT ac80 5530MHz



Power NVNT ac80 5610MHz

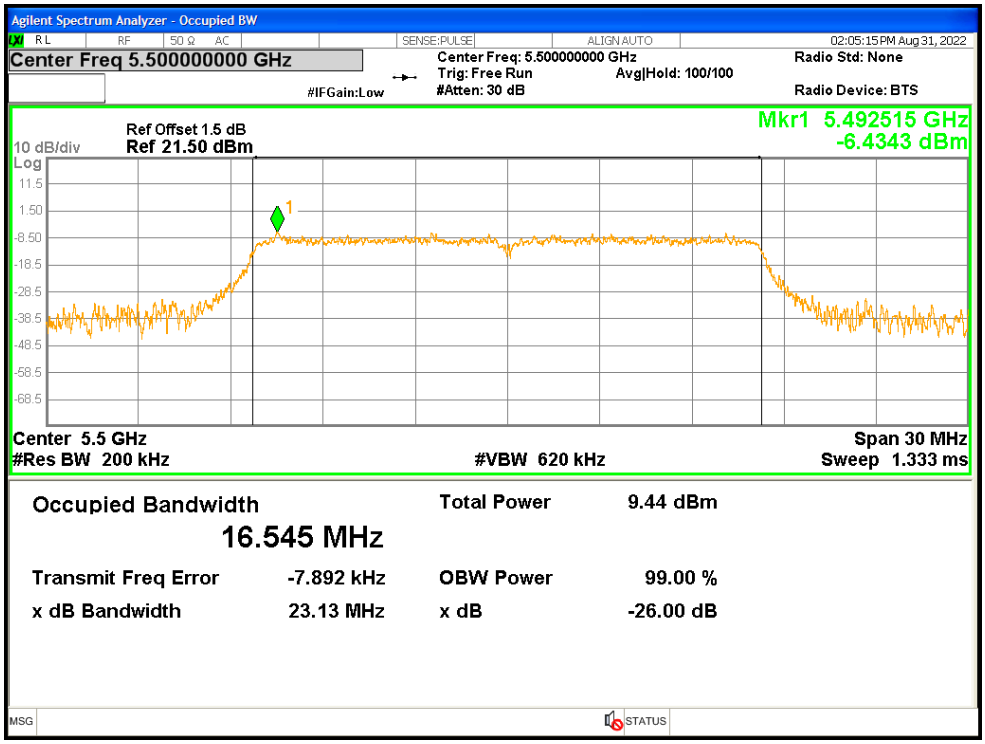


3. Occupied Channel Bandwidth

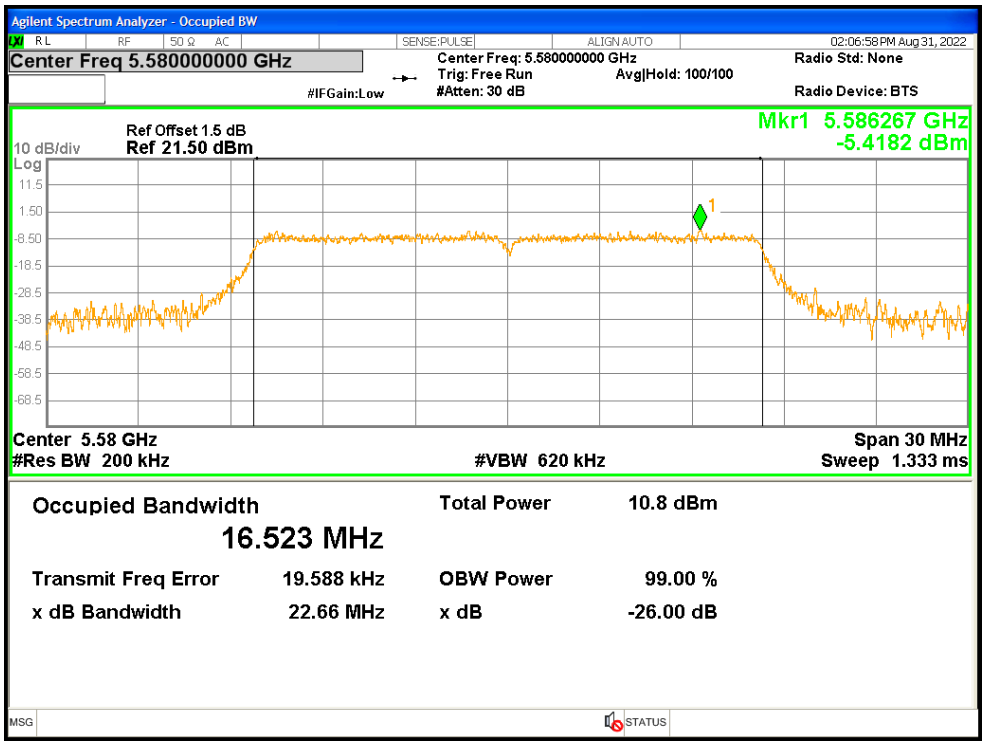
Condition	Mode	Frequency (MHz)	99% OBW (MHz)	-26dB OBW (MHz)
NVNT	a	5500	16.545	23.13
NVNT	a	5580	16.523	22.66
NVNT	a	5700	16.522	23.08
NVNT	n20	5500	17.628	28.41
NVNT	n20	5580	17.629	26.66
NVNT	n20	5700	17.602	24.63
NVNT	n40	5510	36.031	40.02
NVNT	n40	5550	36.049	41.01
NVNT	n40	5670	35.999	39.58
NVNT	ac20	5500	17.629	26.31
NVNT	ac20	5580	17.632	26.30
NVNT	ac20	5700	17.617	26.64
NVNT	ac40	5510	36.062	40.79
NVNT	ac40	5550	36.101	39.26
NVNT	ac40	5670	36.088	41.89
NVNT	ac80	5530	75.457	82.26
NVNT	ac80	5610	75.457	84.38

Test Graphs

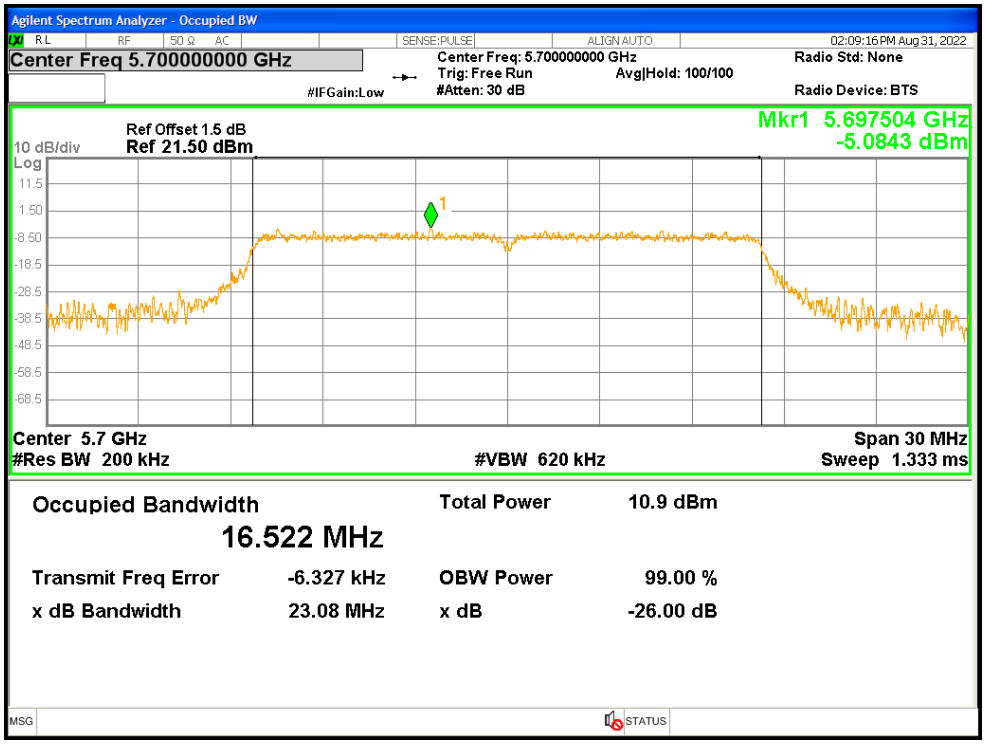
OBW NVNT a 5500MHz



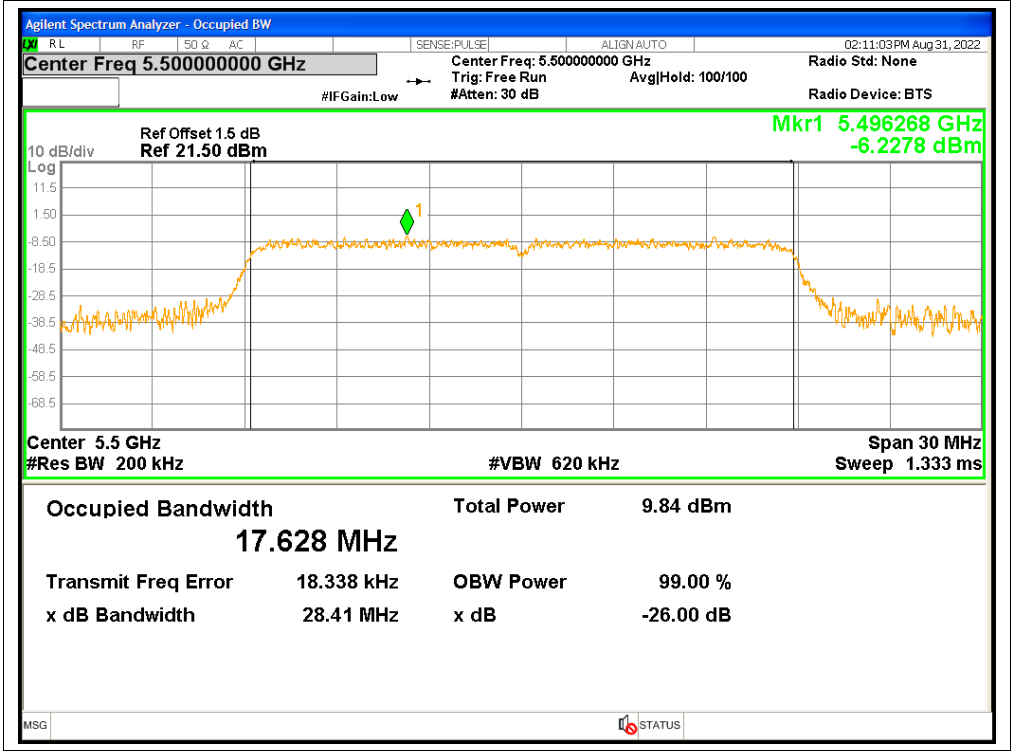
OBW NVNT a 5580MHz



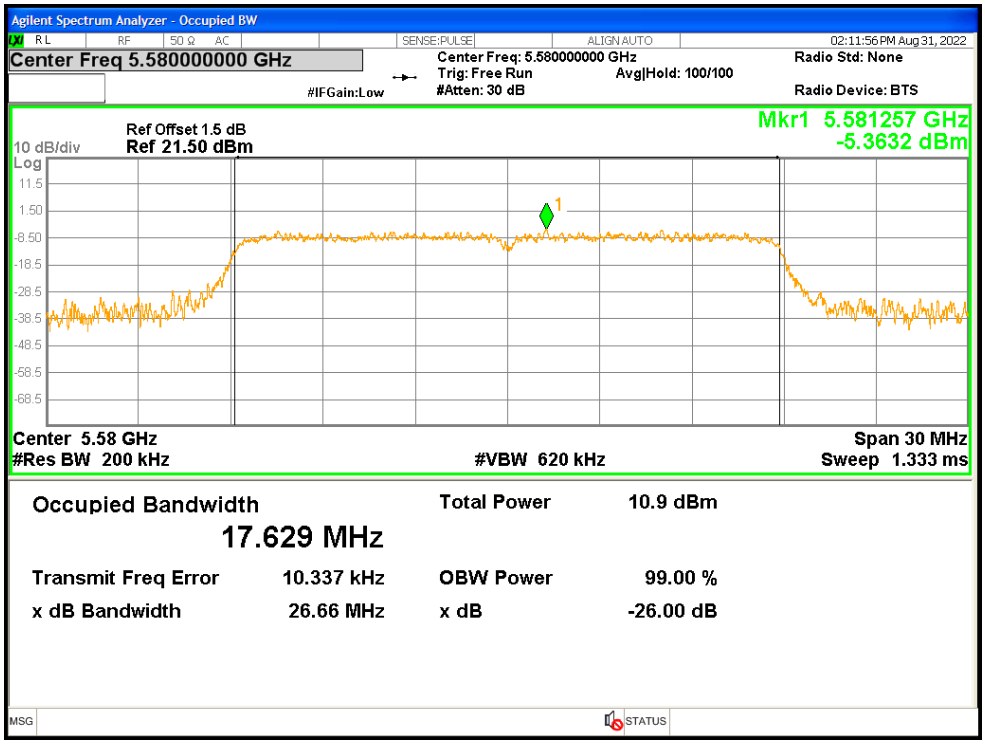
OBW NVNT a 5700MHz



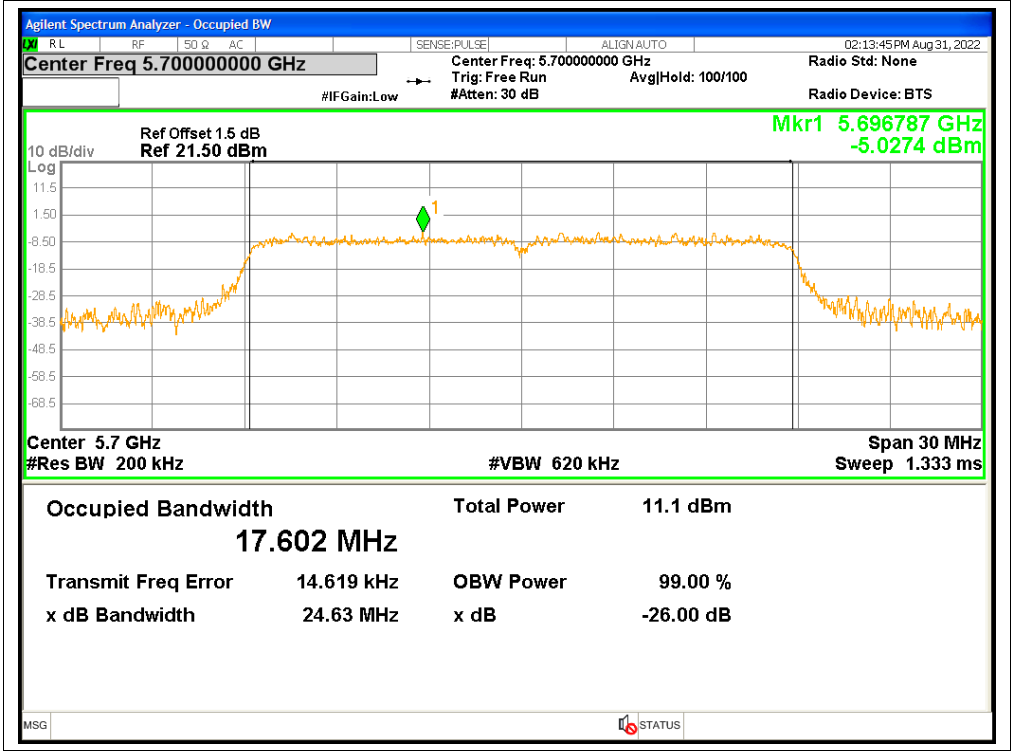
OBW NVNT n20 5500MHz



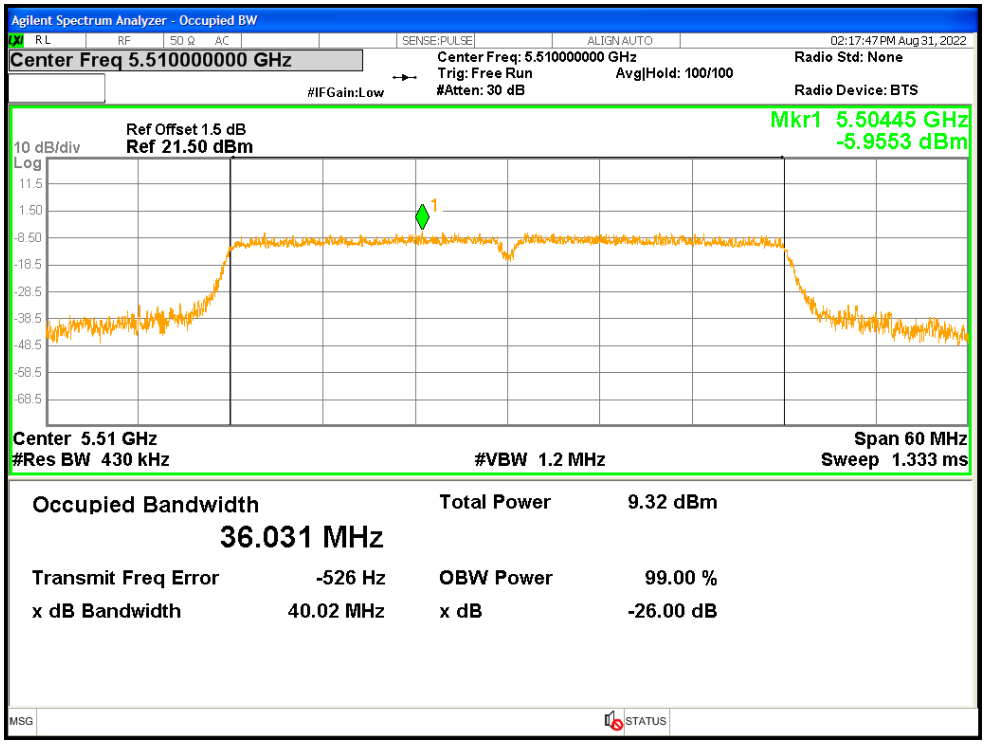
OBW NVNT n20 5580MHz



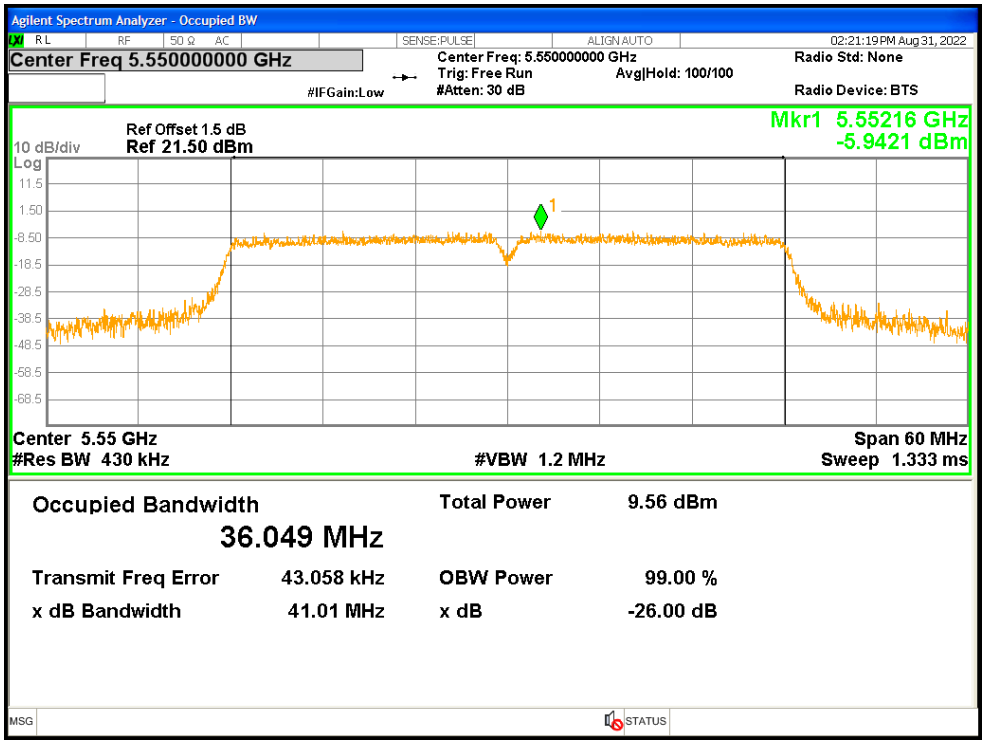
OBW NVNT n20 5700MHz



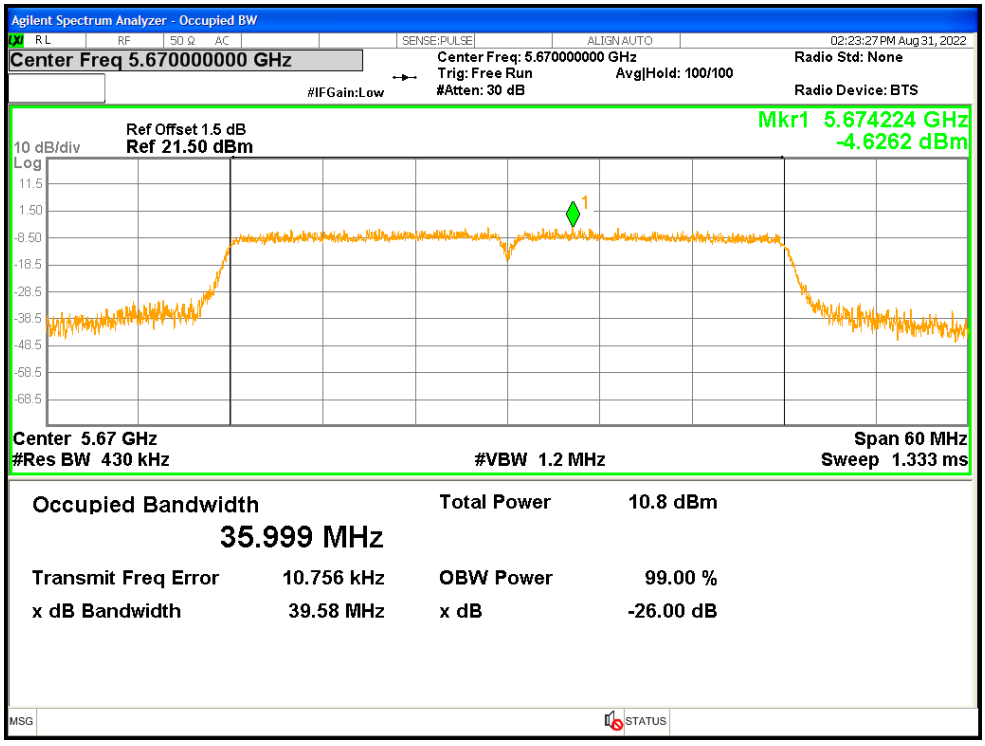
OBW NVNT n40 5510MHz



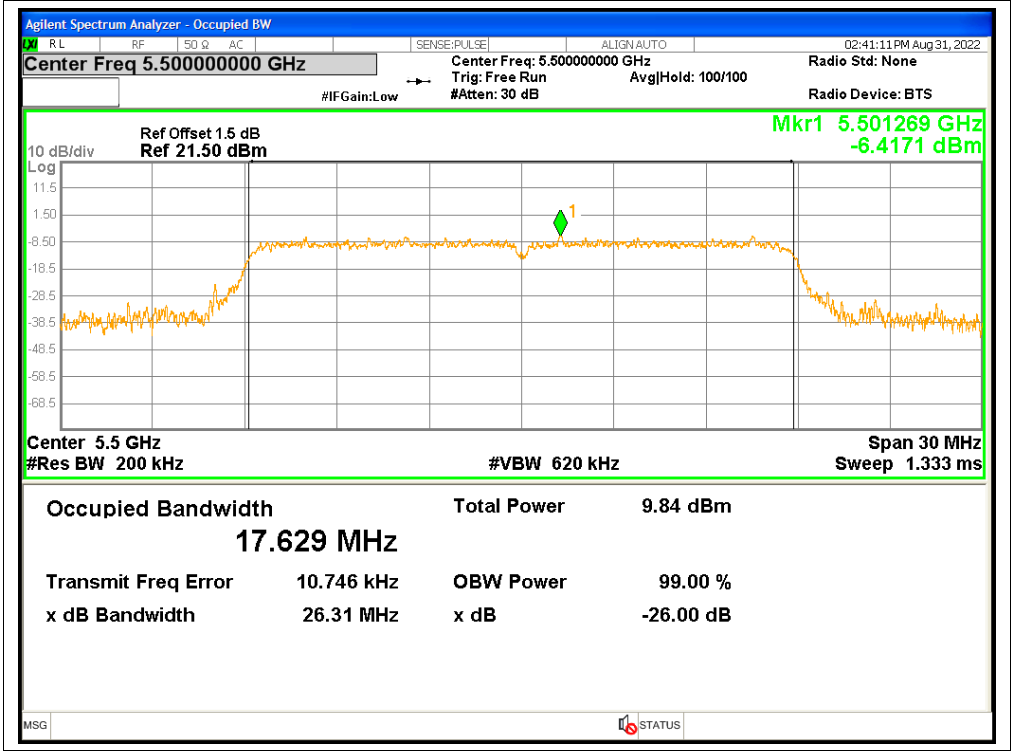
OBW NVNT n40 5550MHz



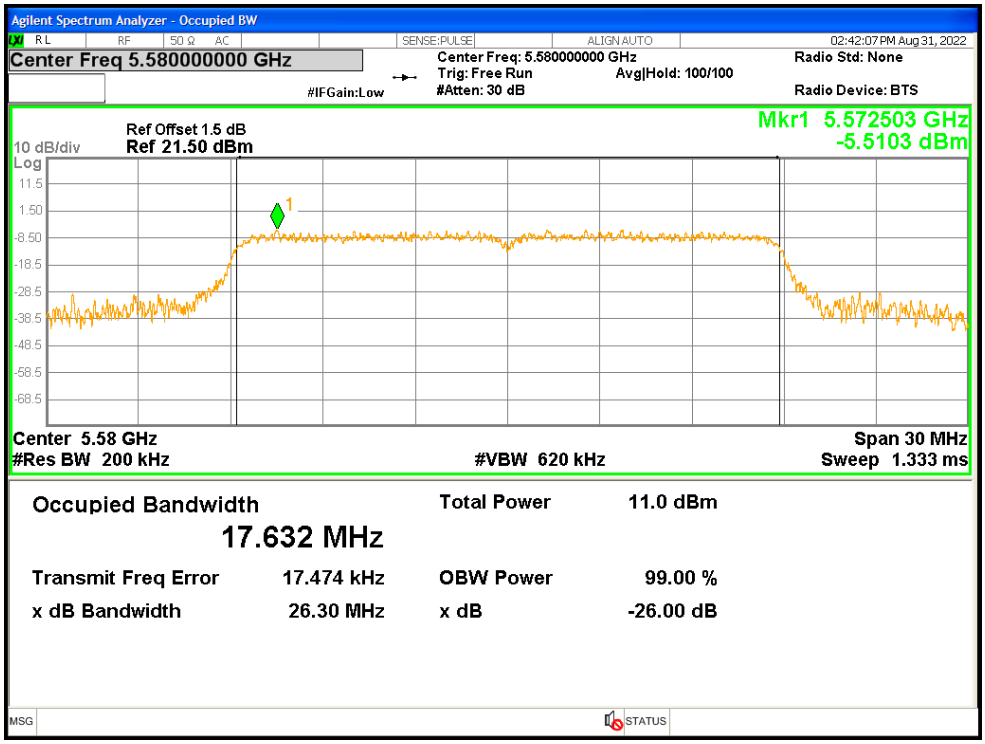
OBW NVNT n40 5670MHz



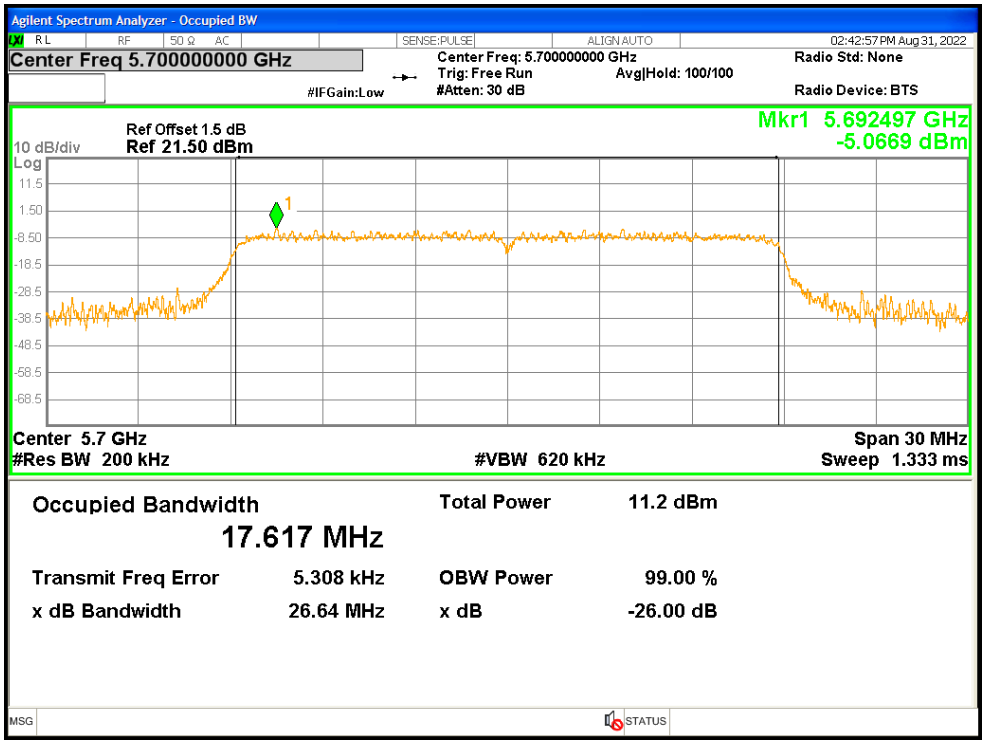
OBW NVNT ac20 5500MHz



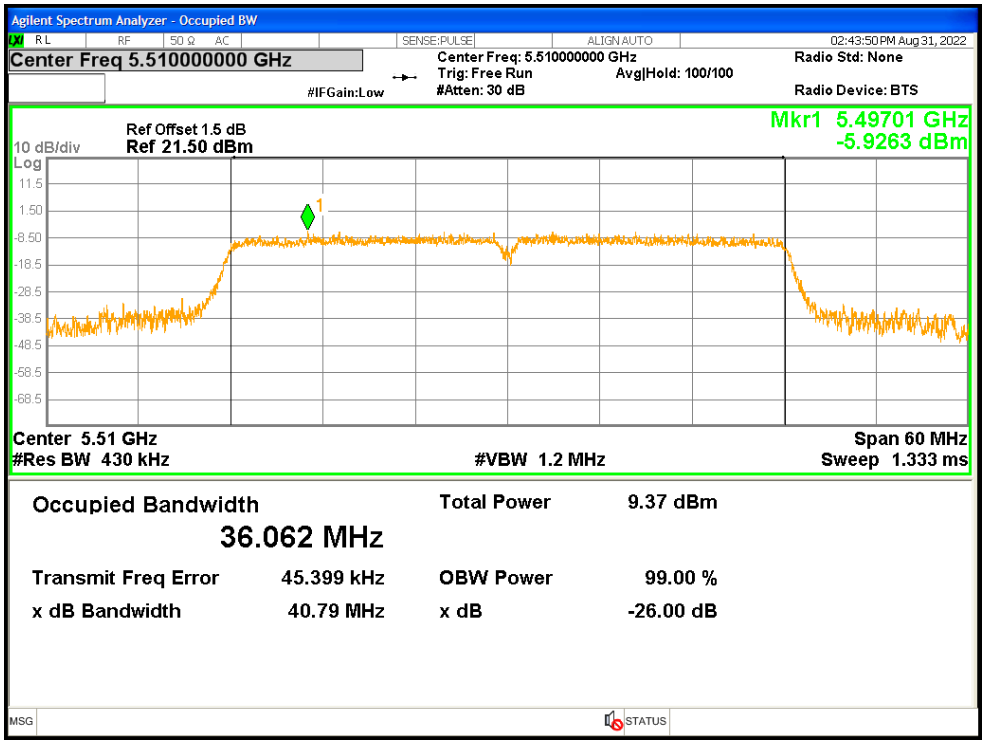
OBW NVNT ac20 5580MHz



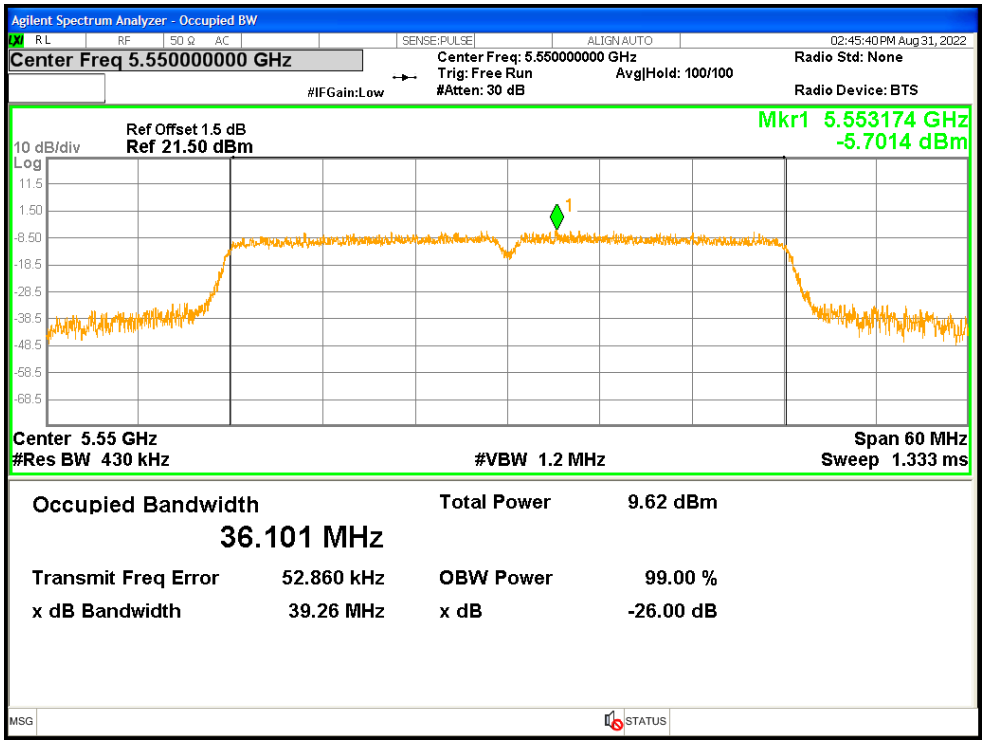
OBW NVNT ac20 5700MHz



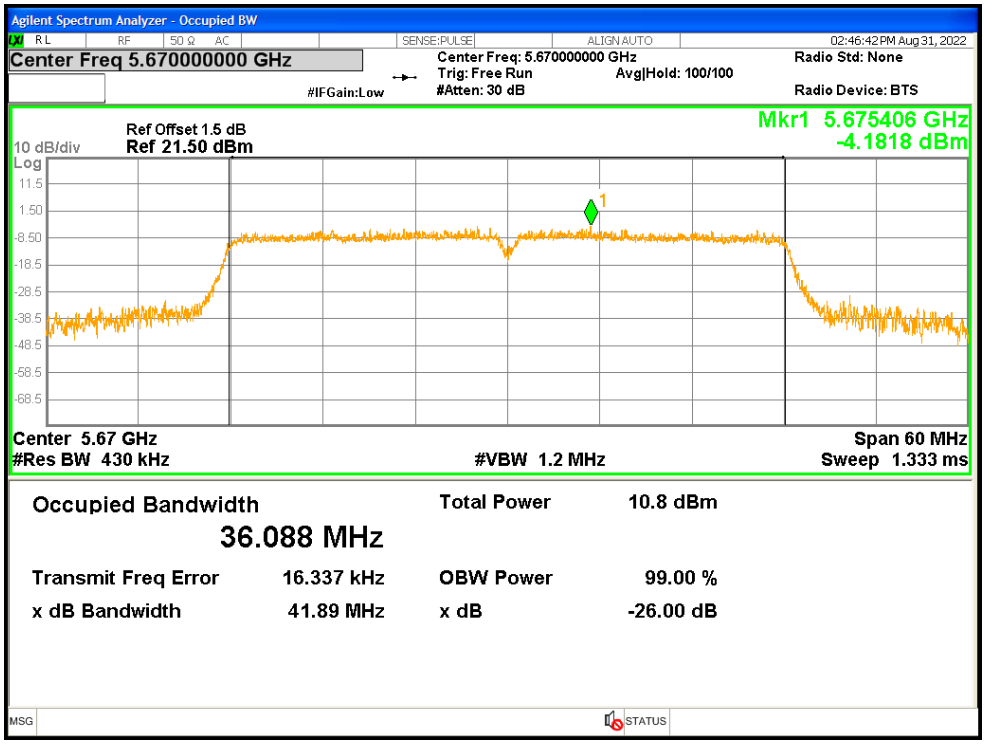
OBW NVNT ac40 5510MHz



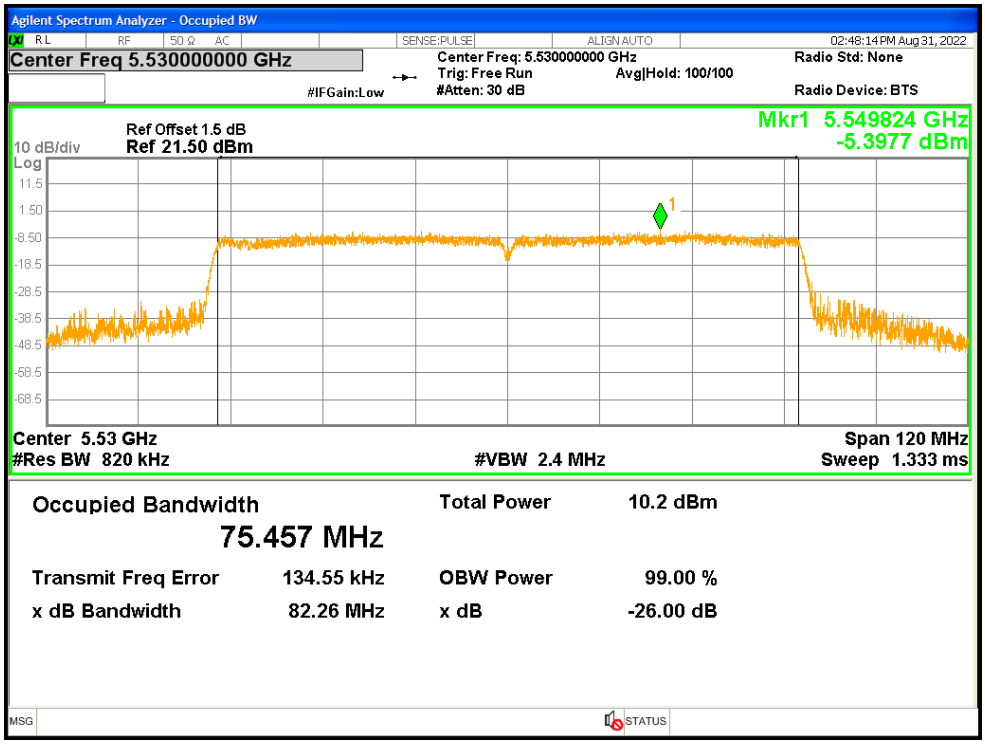
OBW NVNT ac40 5550MHz



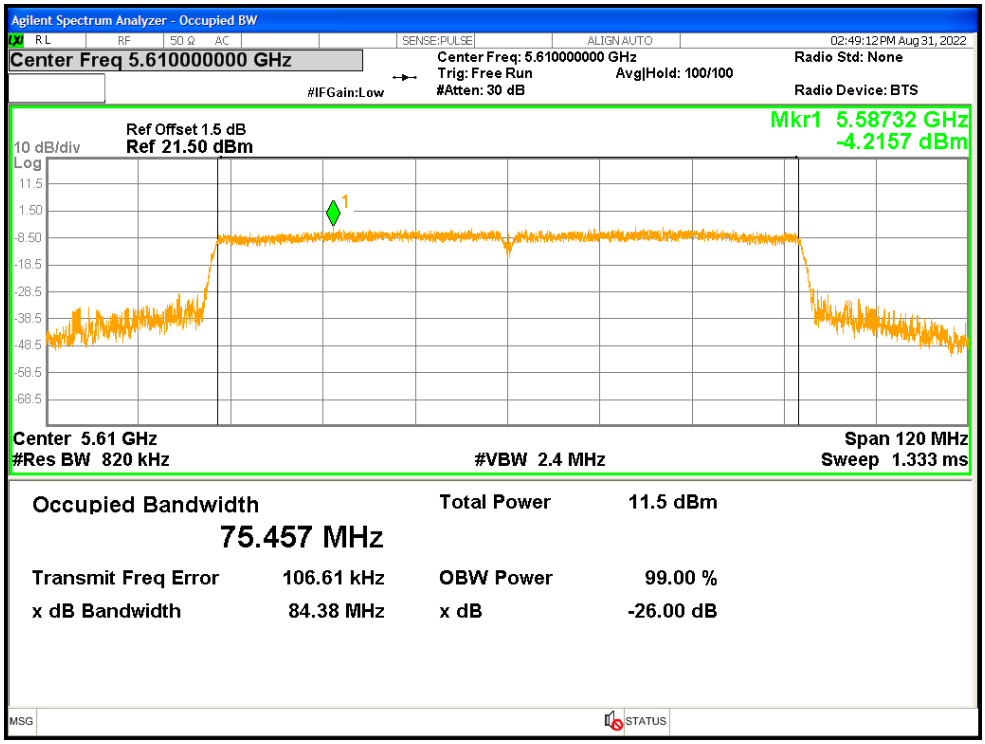
OBW NVNT ac40 5670MHz



OBW NVNT ac80 5530MHz



OBW NVNT ac80 5610MHz

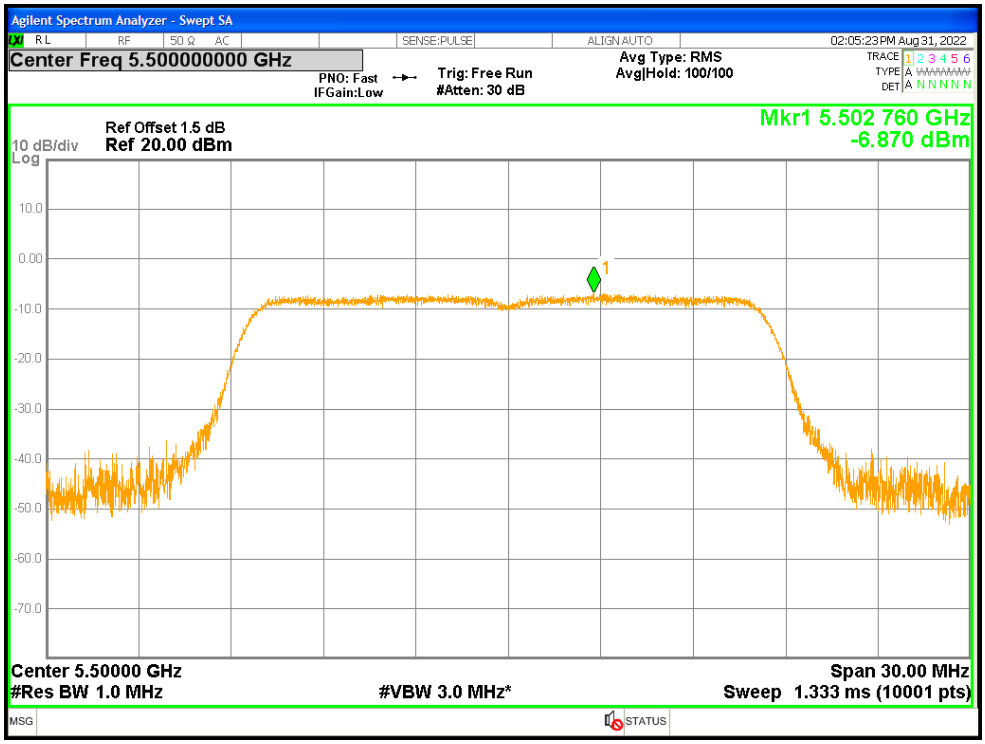


4. Maximum Power Spectral Density Level

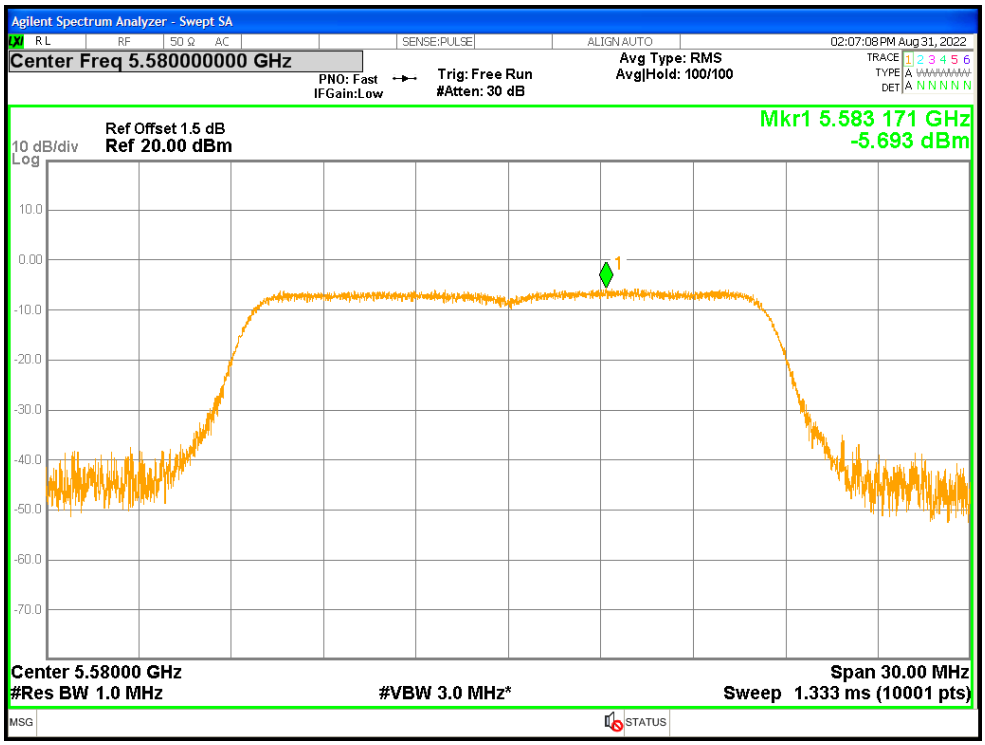
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	-6.87	0.45	-6.42	<=11	Pass
NVNT	a	5580	-5.693	0.45	-5.243	<=11	Pass
NVNT	a	5700	-5.632	0.45	-5.182	<=11	Pass
NVNT	n20	5500	-6.89	0.53	-6.36	<=11	Pass
NVNT	n20	5580	-5.802	0.53	-5.272	<=11	Pass
NVNT	n20	5700	-5.569	0.53	-5.039	<=11	Pass
NVNT	n40	5510	-10.797	0.99	-9.807	<=11	Pass
NVNT	n40	5550	-10.383	0.99	-9.393	<=11	Pass
NVNT	n40	5670	-8.933	0.99	-7.943	<=11	Pass
NVNT	ac20	5500	-6.981	0.52	-6.461	<=11	Pass
NVNT	ac20	5580	-5.674	0.52	-5.154	<=11	Pass
NVNT	ac20	5700	-5.63	0.52	-5.11	<=11	Pass
NVNT	ac40	5510	-10.401	0.98	-9.421	<=11	Pass
NVNT	ac40	5550	-10.389	0.98	-9.409	<=11	Pass
NVNT	ac40	5670	-8.857	0.98	-7.877	<=11	Pass
NVNT	ac80	5530	-14.33	1.79	-12.54	<=11	Pass
NVNT	ac80	5610	-13.058	1.79	-11.268	<=11	Pass

Test Graphs

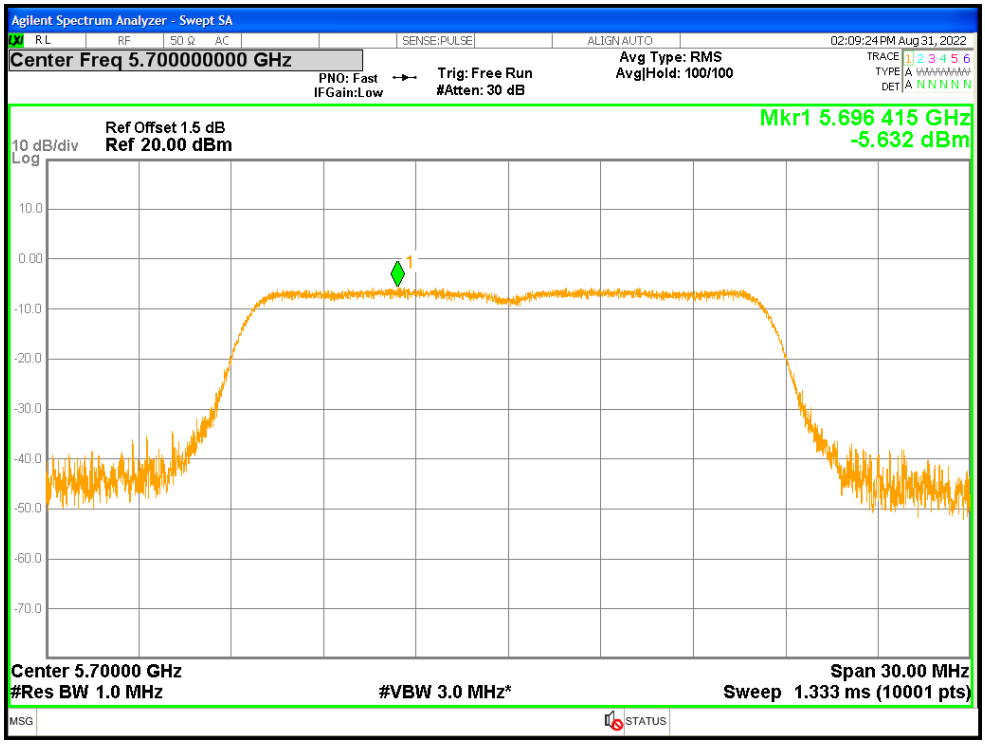
PSD NVNT a 5500MHz



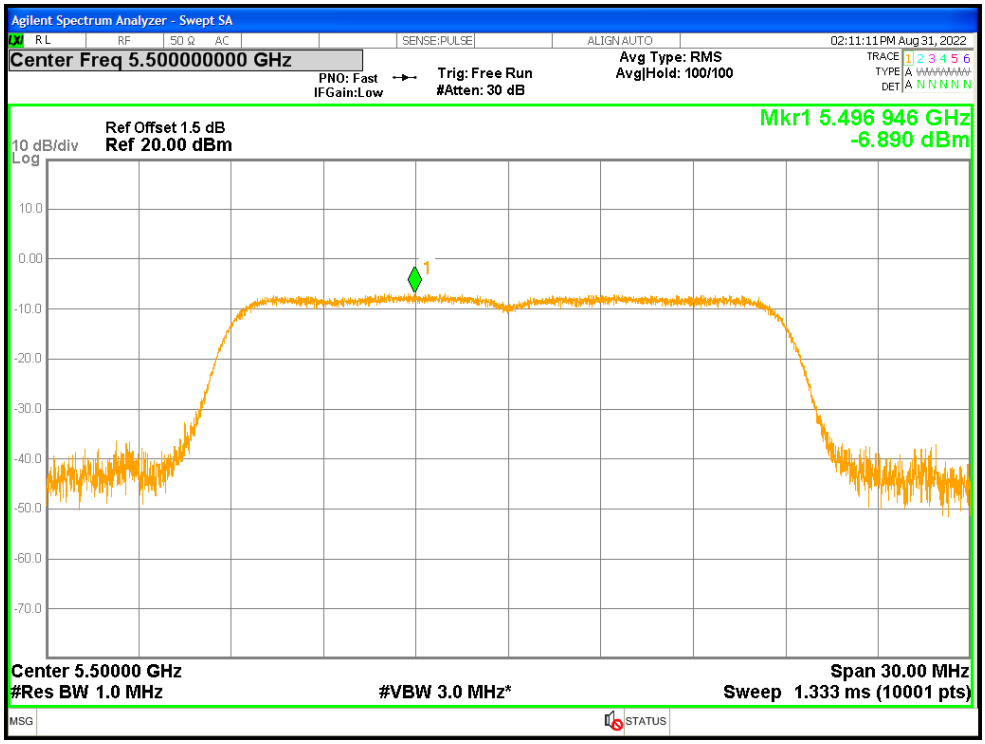
PSD NVNT a 5580MHz



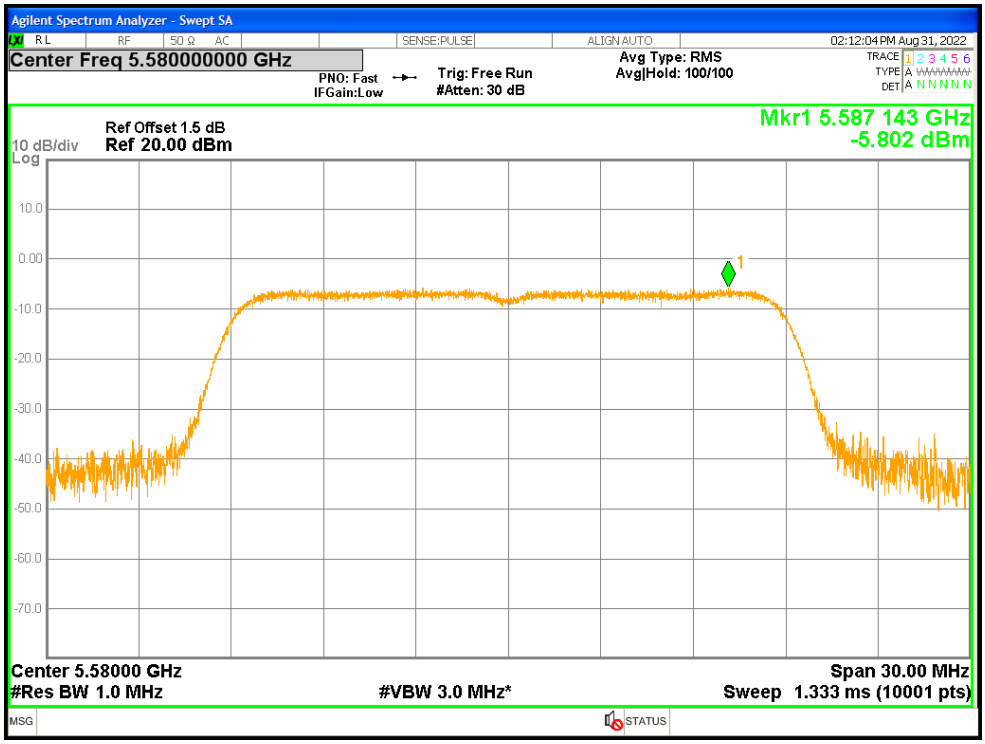
PSD NVNT a 5700MHz



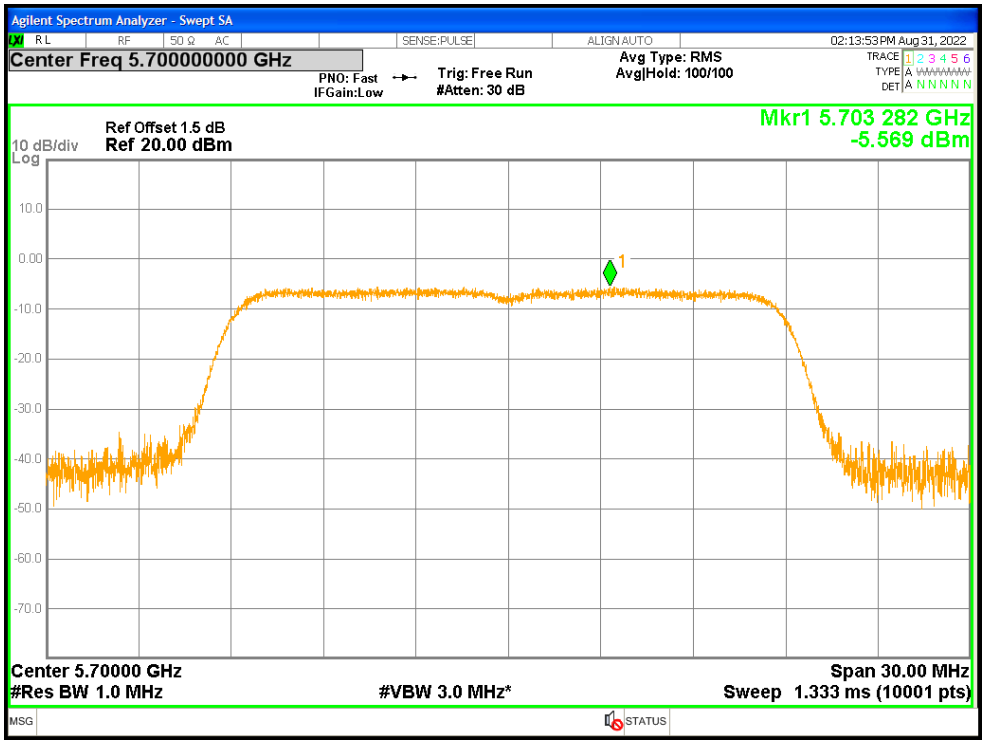
PSD NVNT n20 5500MHz



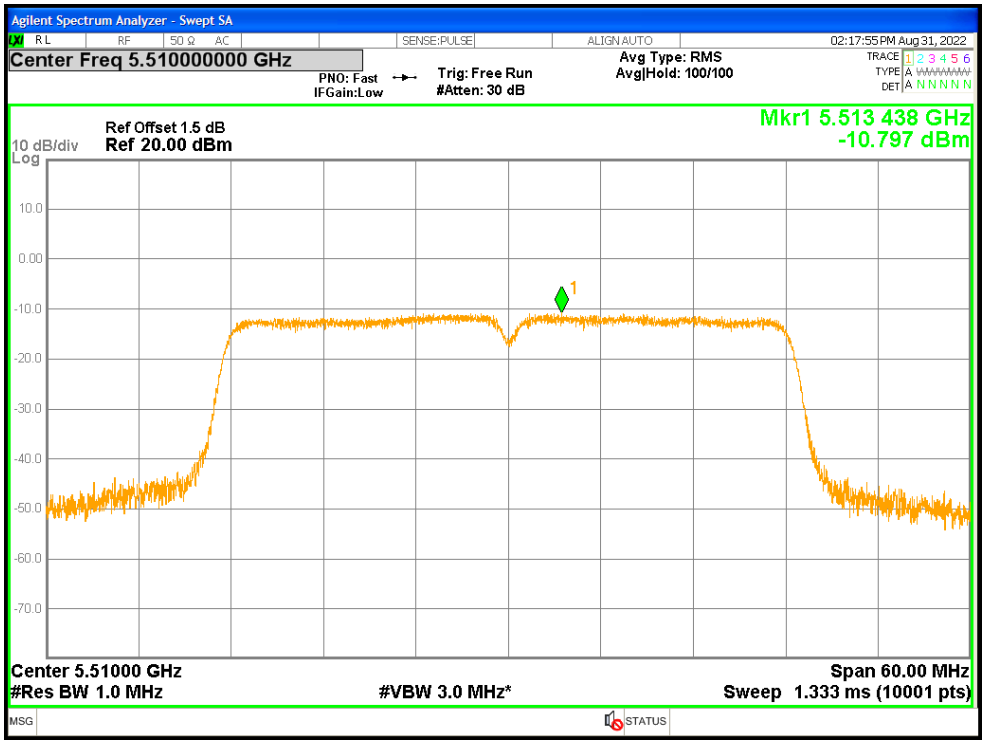
PSD NVNT n20 5580MHz



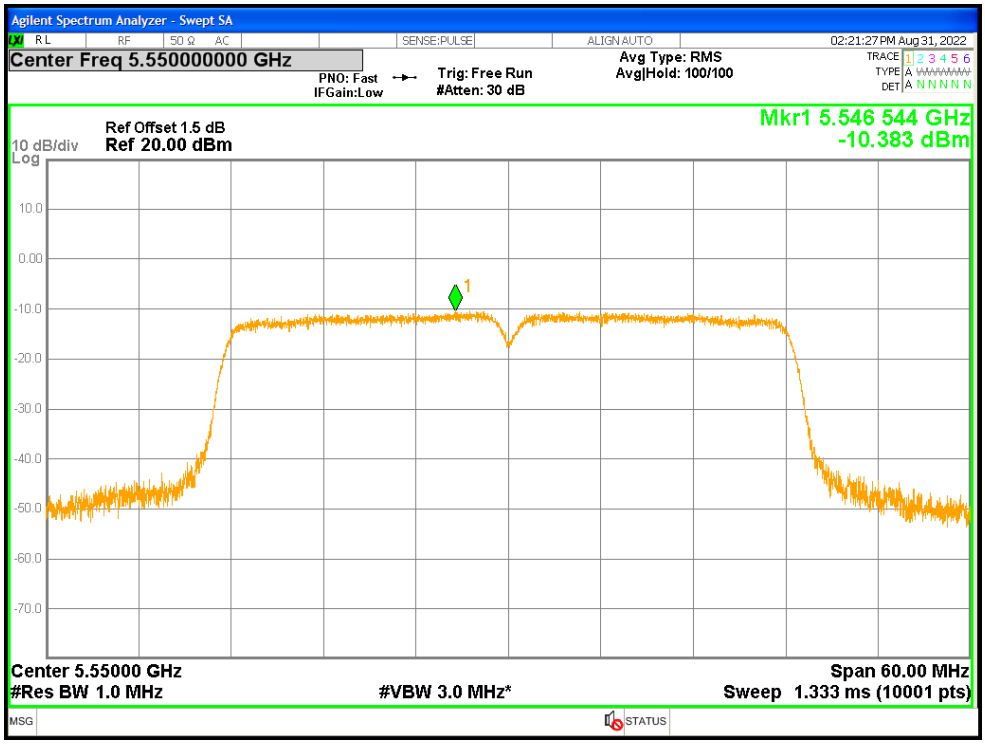
PSD NVNT n20 5700MHz



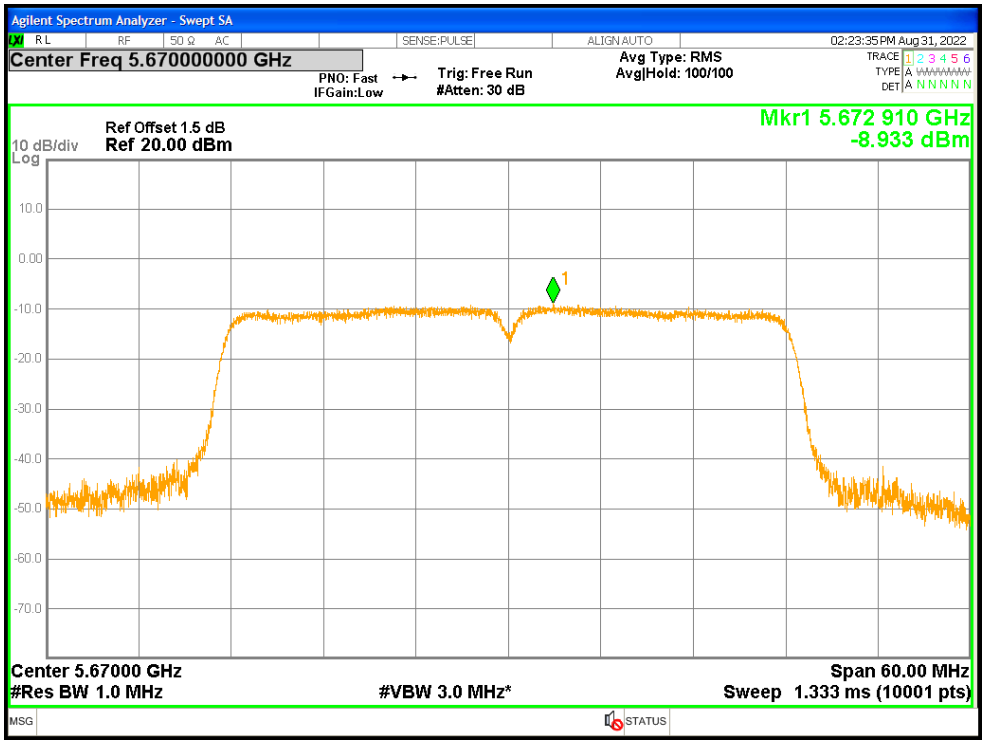
PSD NVNT n40 5510MHz



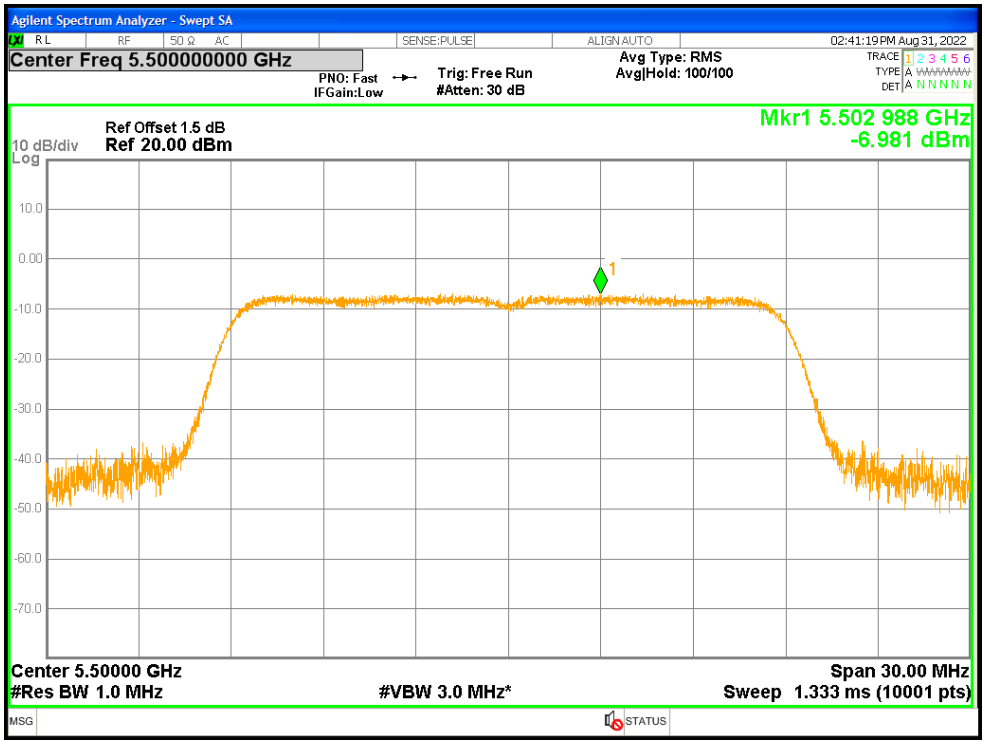
PSD NVNT n40 5550MHz



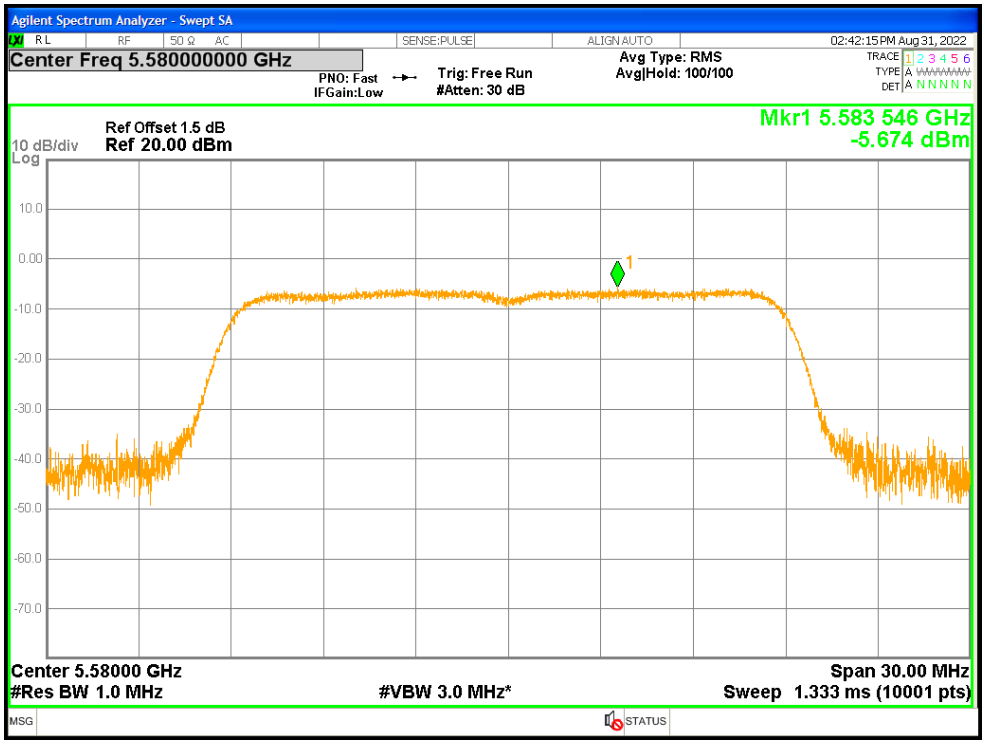
PSD NVNT n40 5670MHz



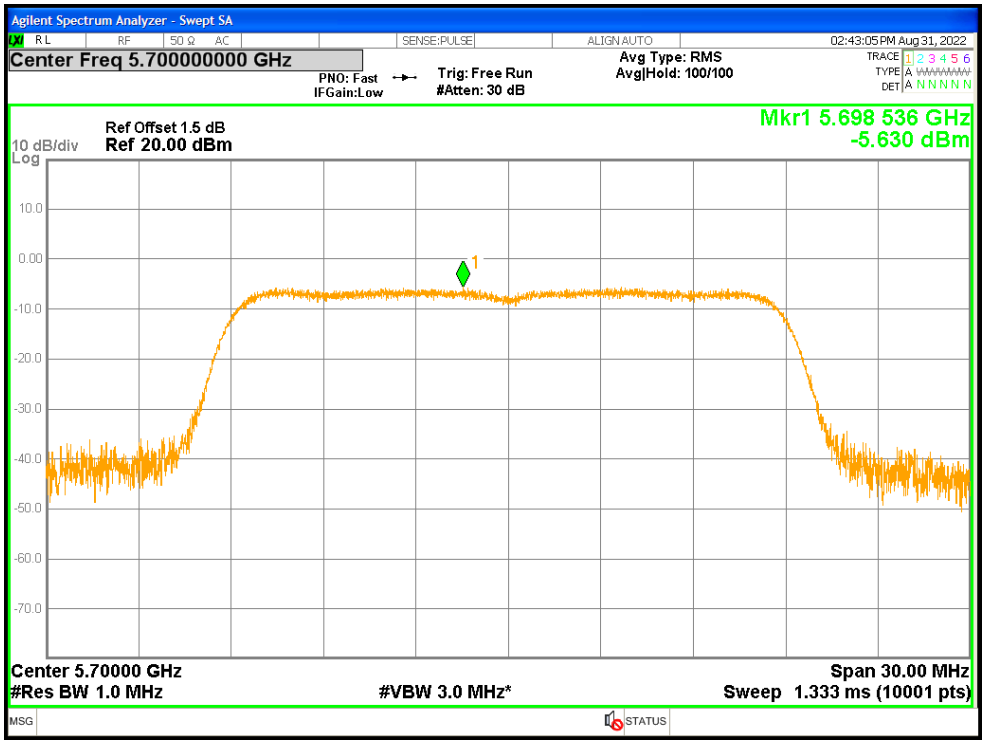
PSD NVNT ac20 5500MHz



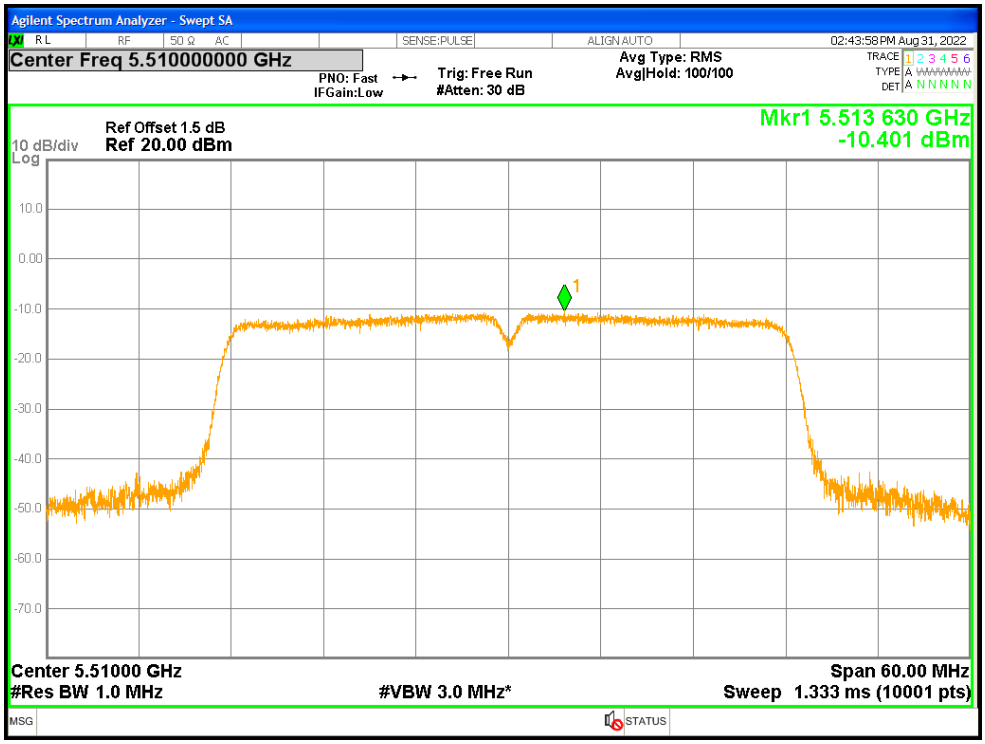
PSD NVNT ac20 5580MHz



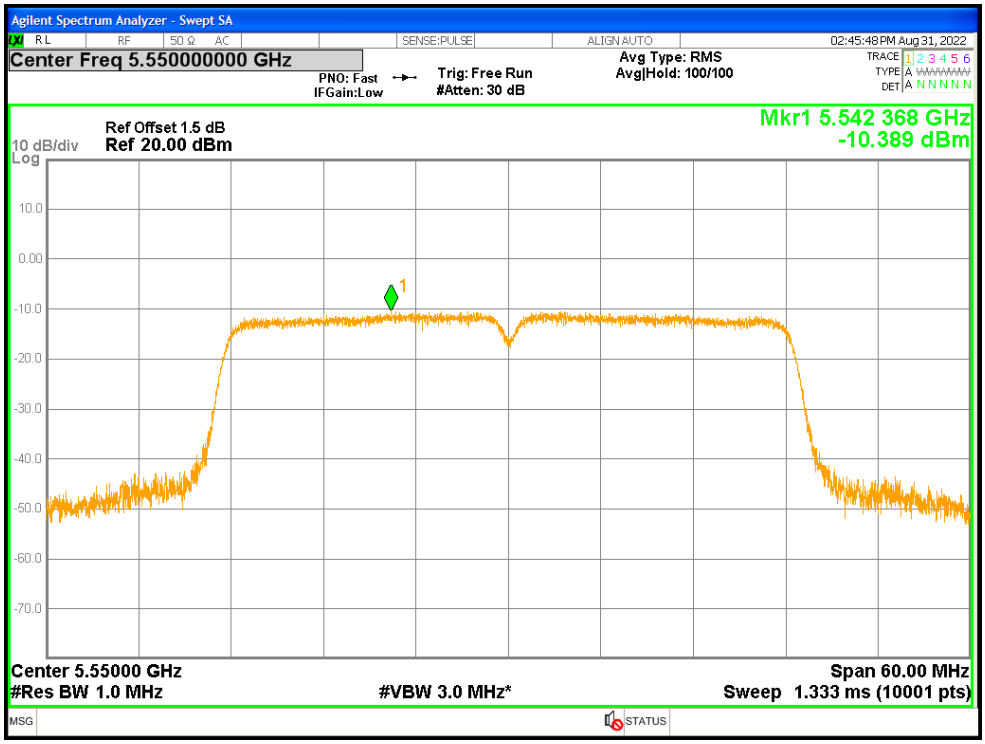
PSD NVNT ac20 5700MHz



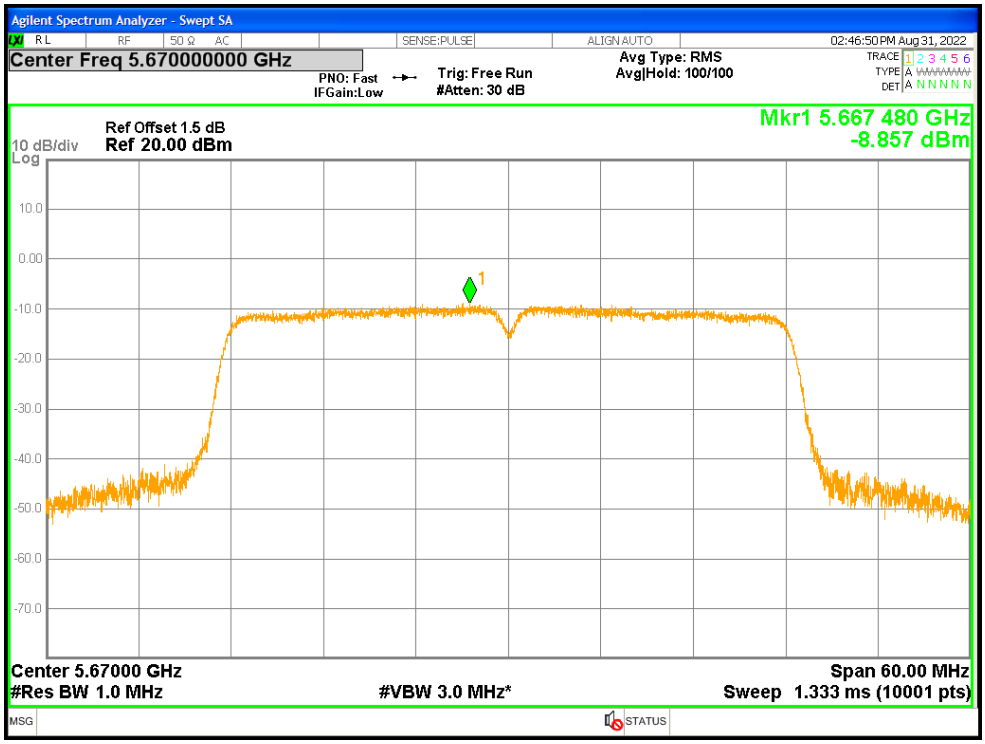
PSD NVNT ac40 5510MHz



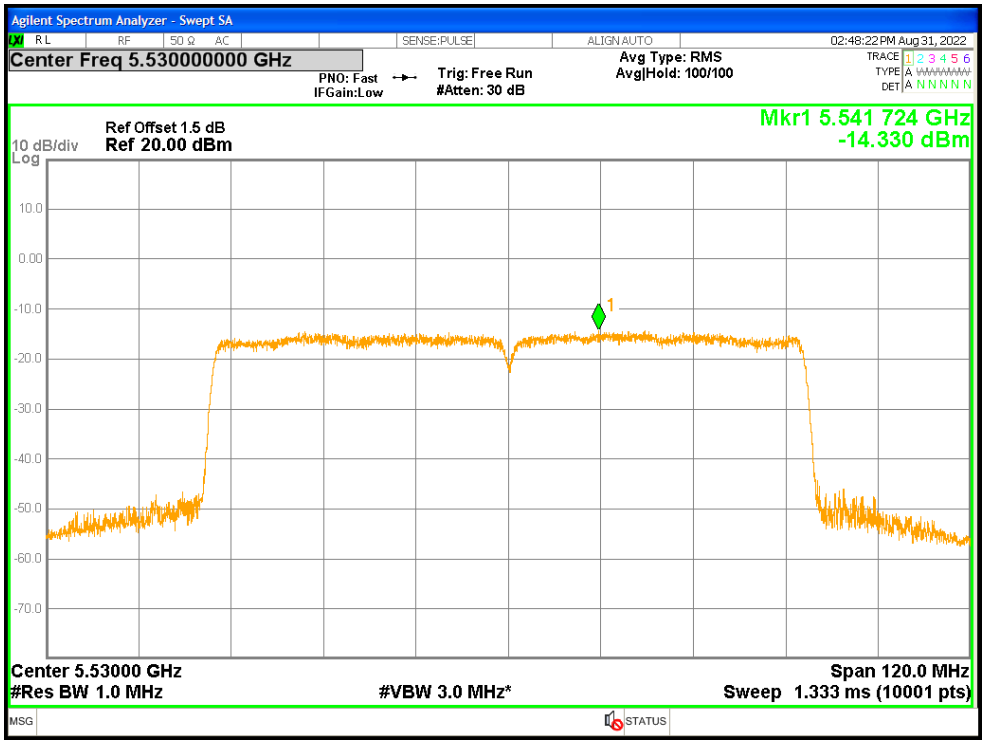
PSD NVNT ac40 5550MHz



PSD NVNT ac40 5670MHz



PSD NVNT ac80 5530MHz



PSD NVNT ac80 5610MHz