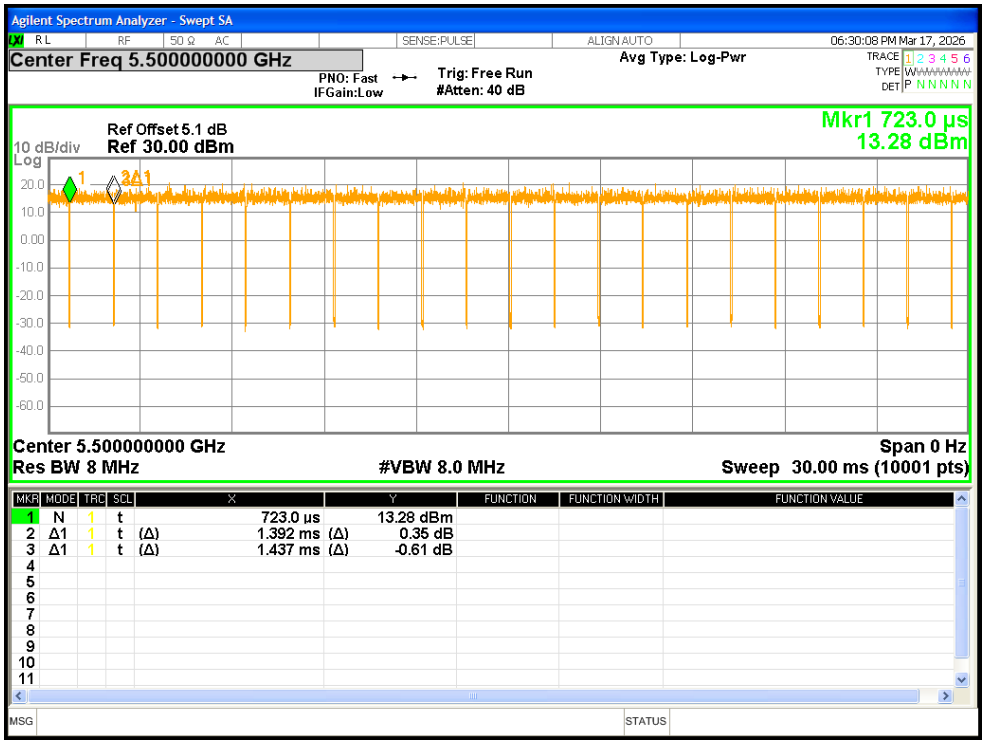
Duty Cycle

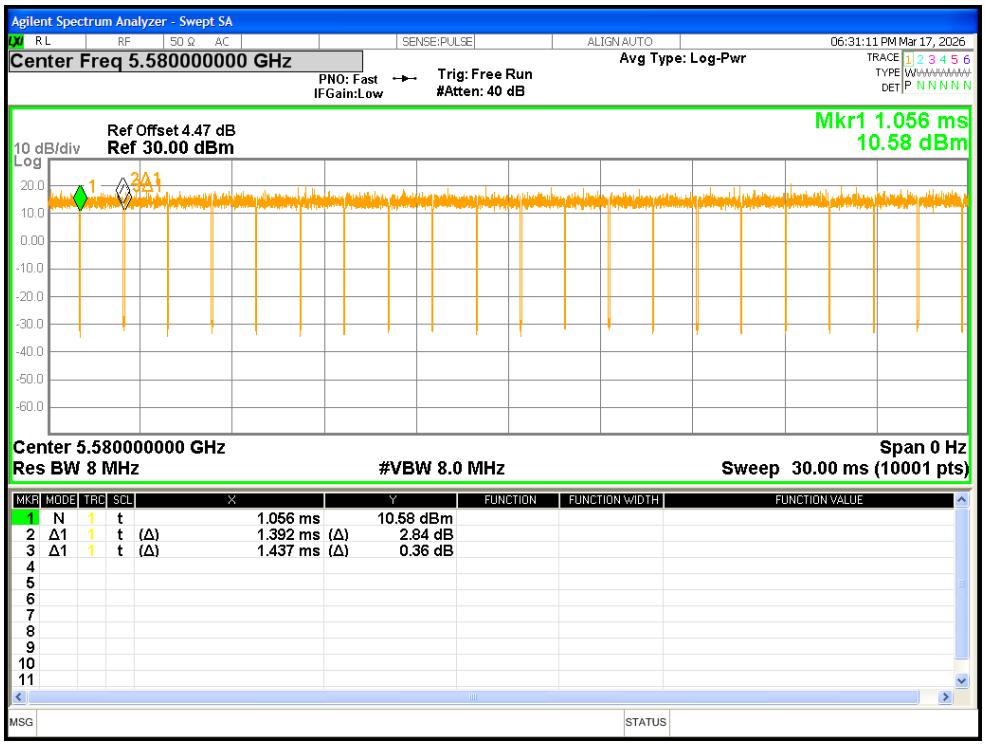
Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5500	1.392	1.437	96.87	0.14	0.72	0.26
NVNT	a	5580	1.392	1.437	96.87	0.14	0.72	0.23
NVNT	a	5700	1.392	1.437	96.87	0.14	0.72	0.33
NVNT	n20	5500	1.3	1.344	96.73	0.14	0.77	0.28
NVNT	n20	5580	1.3	1.344	96.73	0.14	0.77	0.22
NVNT	n20	5700	1.3	1.344	96.73	0.14	0.77	0.26
NVNT	n40	5510	0.648	0.692	93.64	0.29	1.54	0.26
NVNT	n40	5550	0.648	0.692	93.64	0.29	1.54	0.26
NVNT	n40	5670	0.648	0.692	93.64	0.29	1.54	0.24
NVNT	ac20	5500	1.312	1.356	96.76	0.14	0.76	0.19
NVNT	ac20	5580	1.312	1.356	96.76	0.14	0.76	0.20
NVNT	ac20	5700	1.314	1.358	96.76	0.14	0.76	0.21
NVNT	ac40	5510	0.652	0.696	93.68	0.28	1.53	0.23
NVNT	ac40	5550	0.652	0.696	93.68	0.28	1.53	0.25
NVNT	ac40	5670	0.652	0.696	93.68	0.28	1.53	0.22
NVNT	ac80	5530	0.324	0.368	88.04	0.55	3.09	0.21
NVNT	ac80	5610	0.324	0.368	88.04	0.55	3.09	0.18

Test Graphs

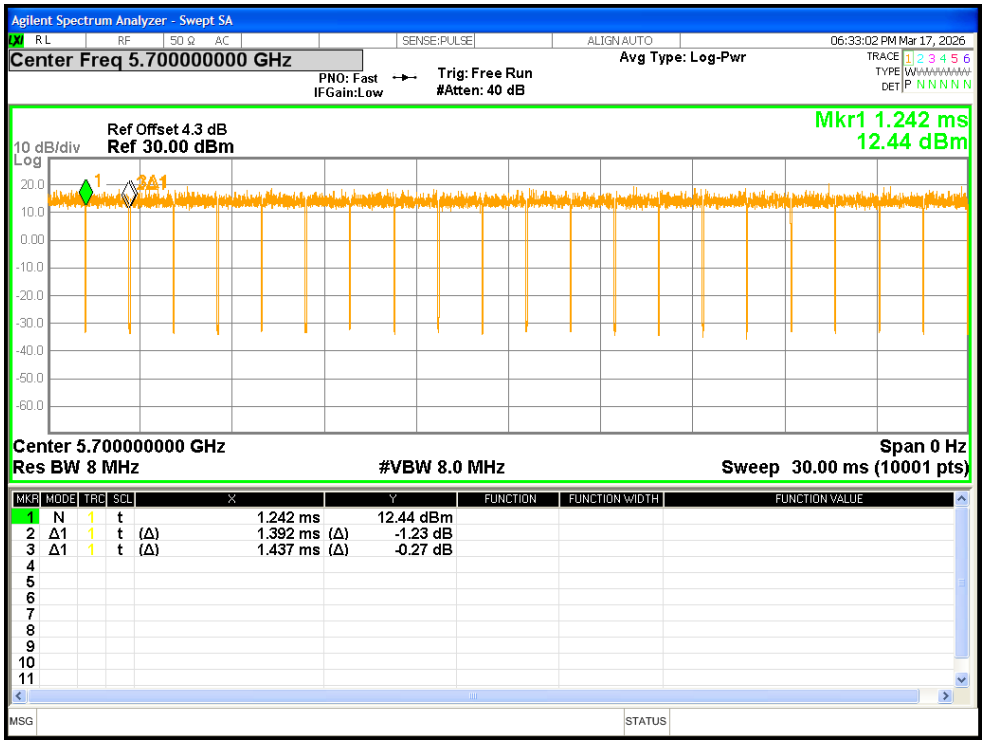
Duty Cycle NVNT a 5500MHz



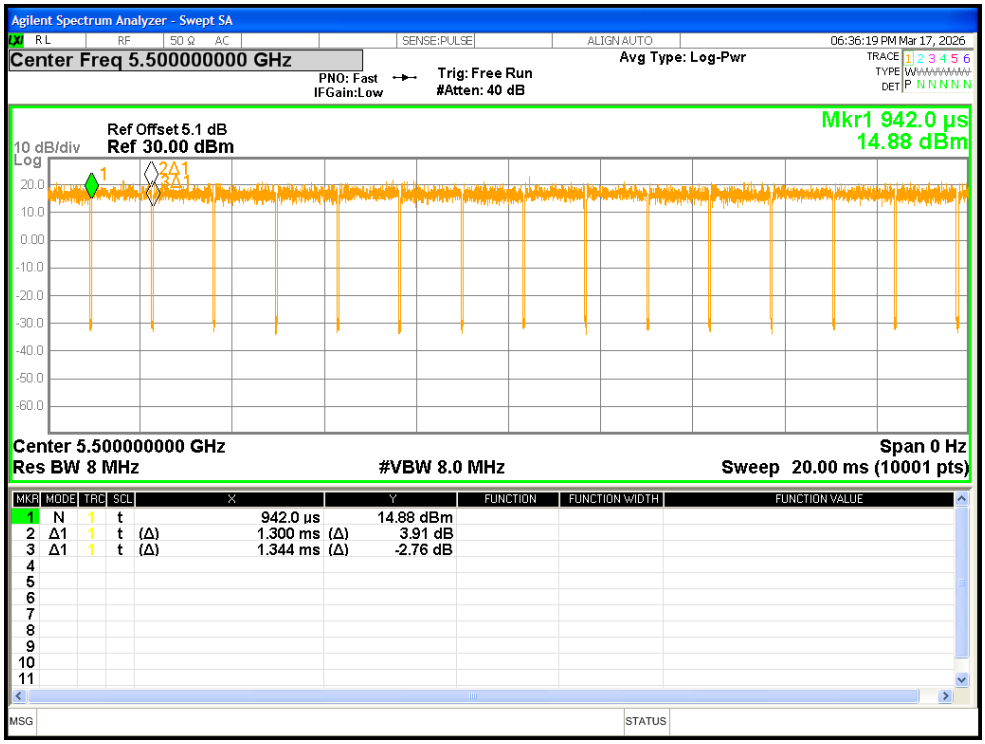
Duty Cycle NVNT a 5580MHz



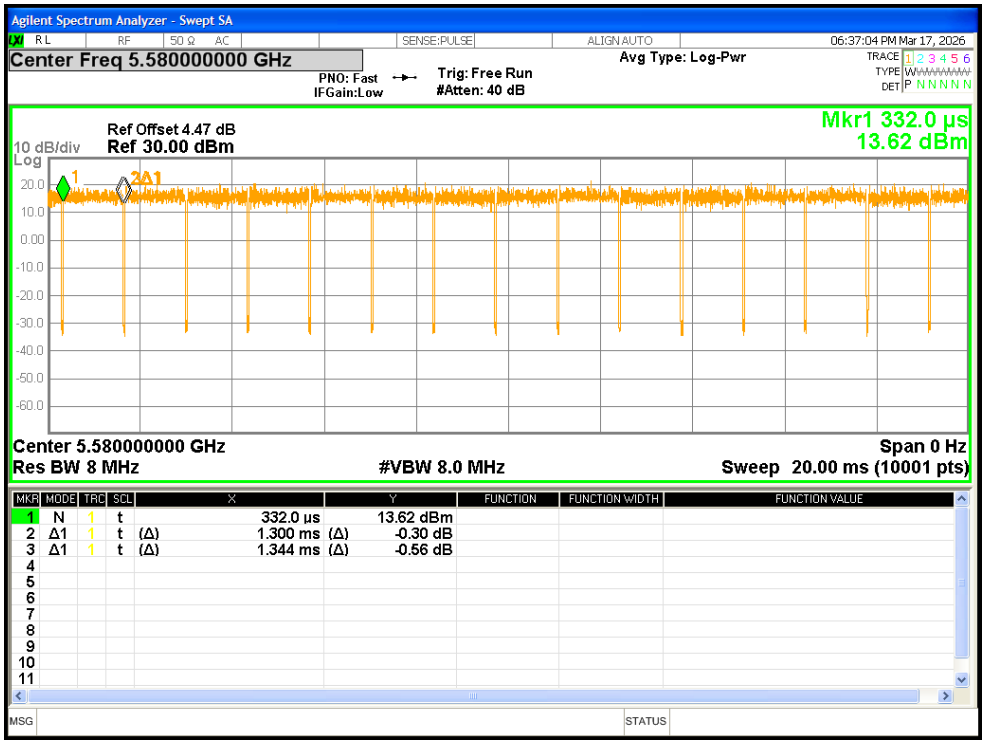
Duty Cycle NVNT a 5700MHz



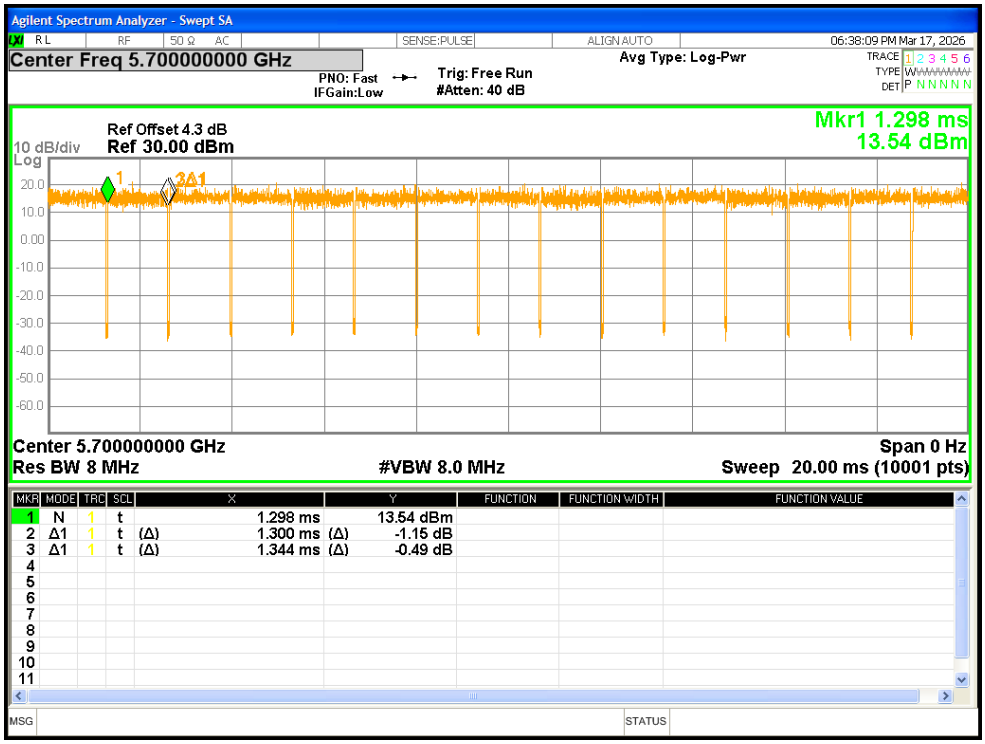
Duty Cycle NVNT n20 5500MHz



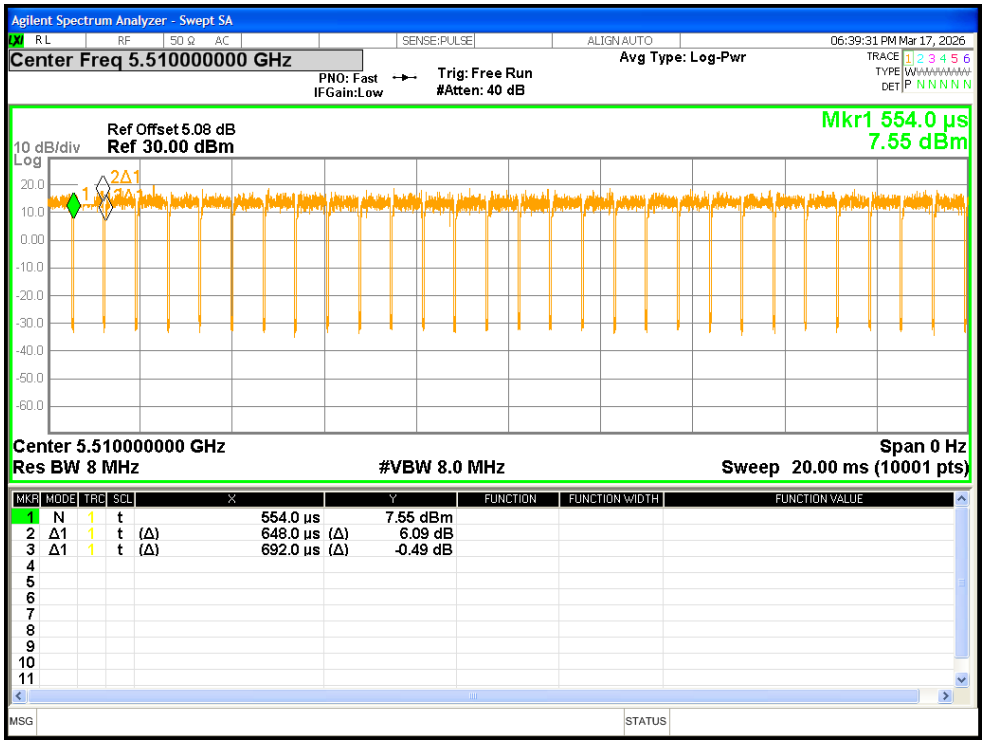
Duty Cycle NVNT n20 5580MHz



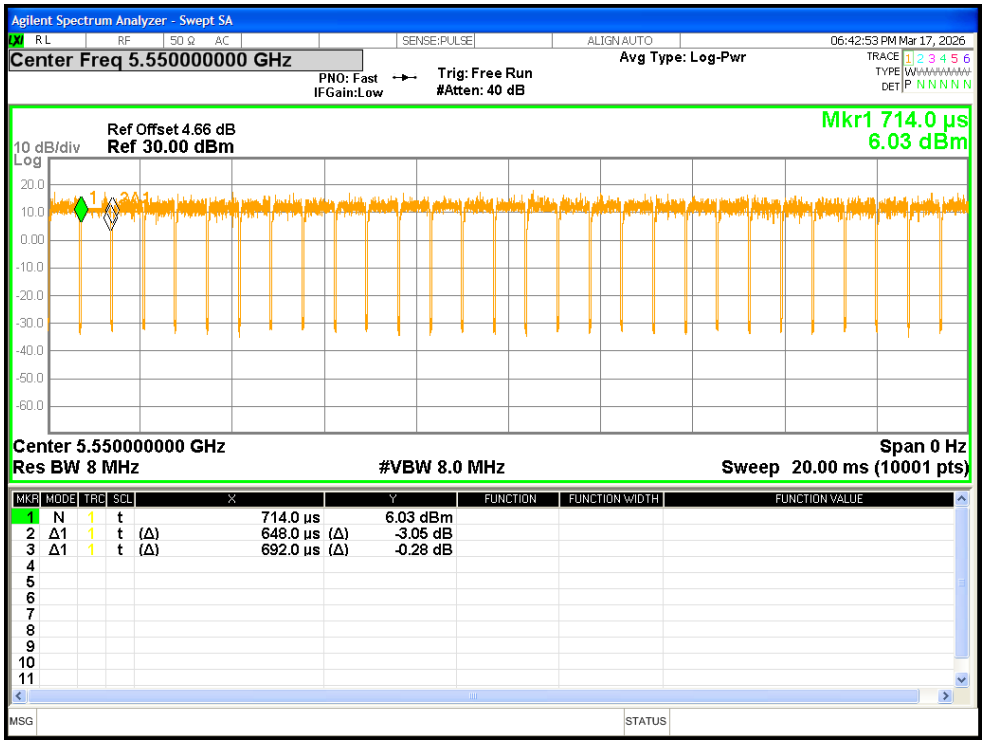
Duty Cycle NVNT n20 5700MHz



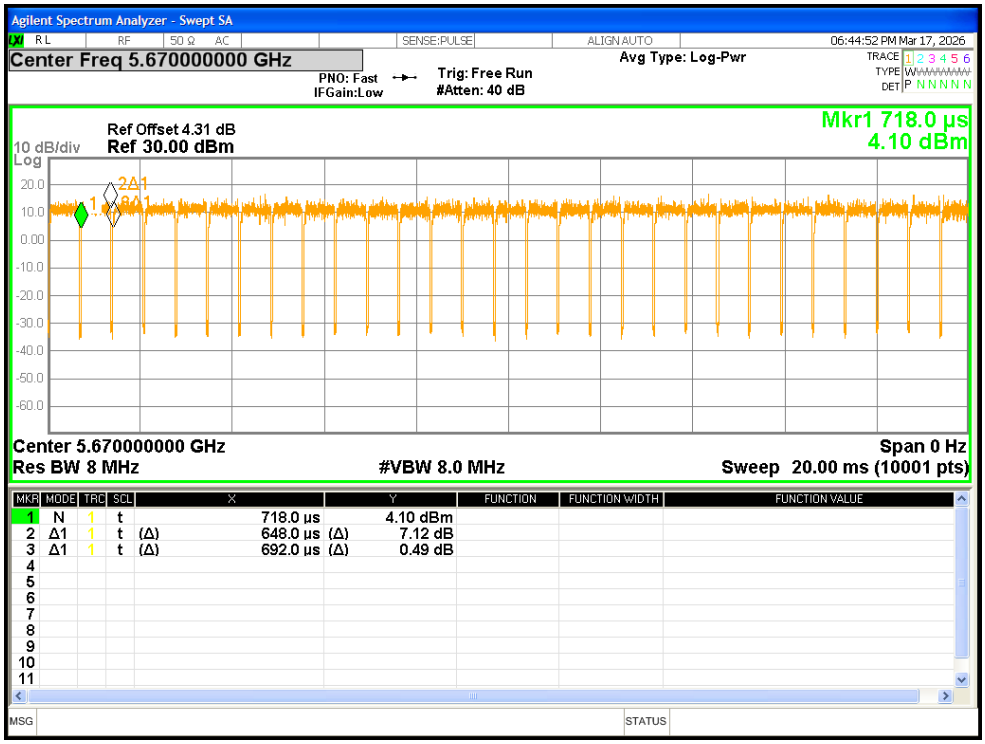
Duty Cycle NVNT n40 5510MHz



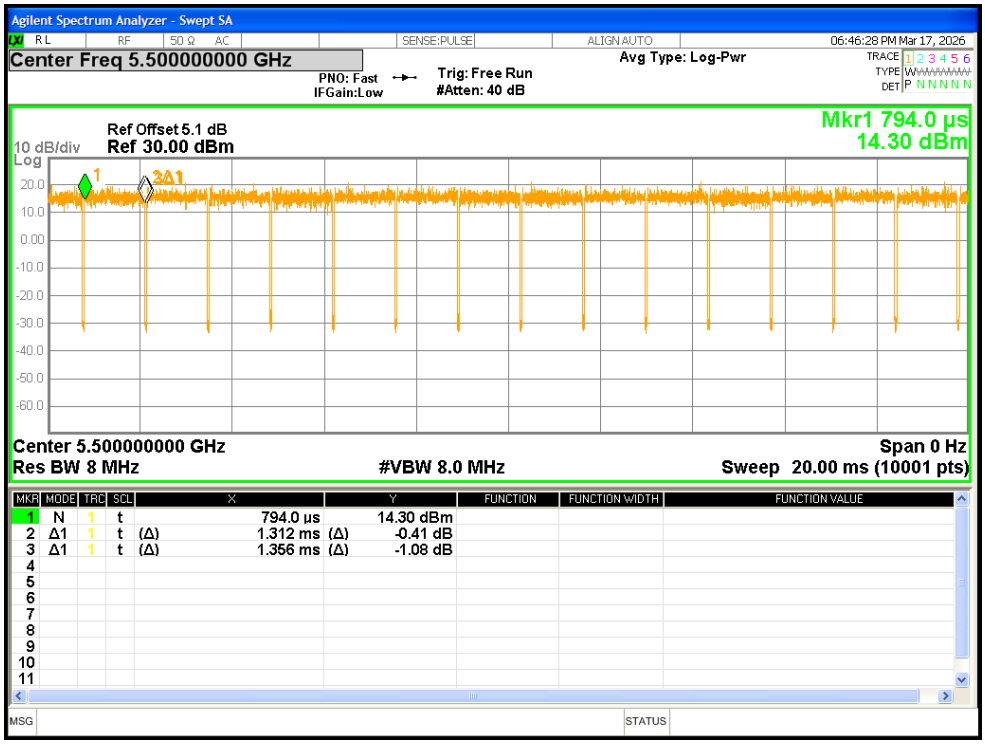
Duty Cycle NVNT n40 5550MHz



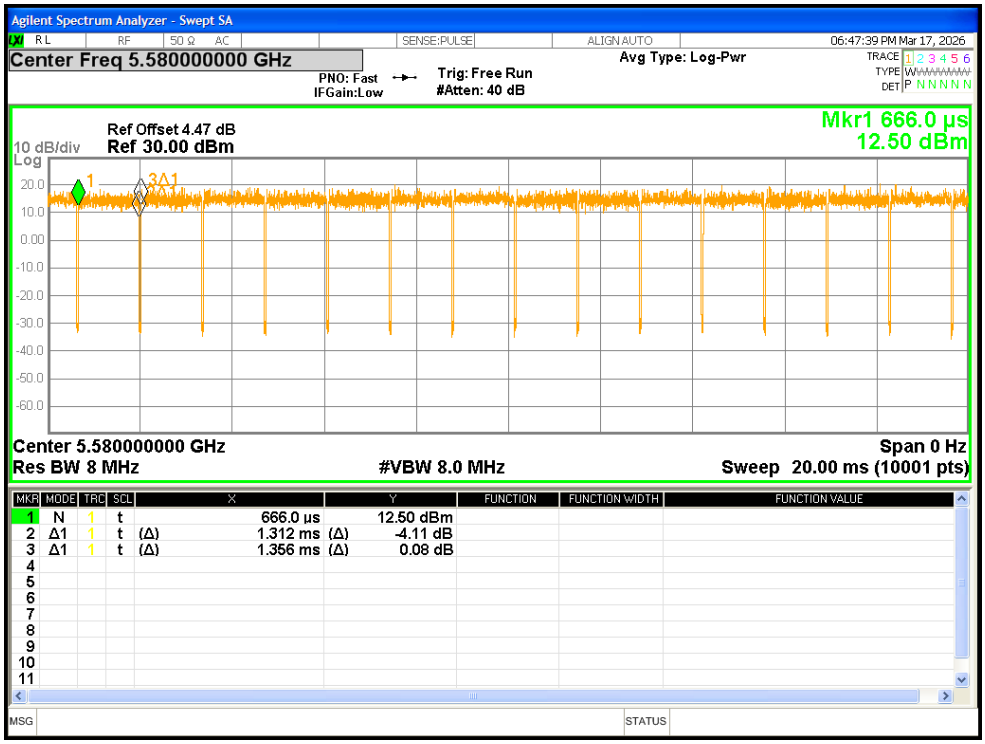
Duty Cycle NVNT n40 5670MHz



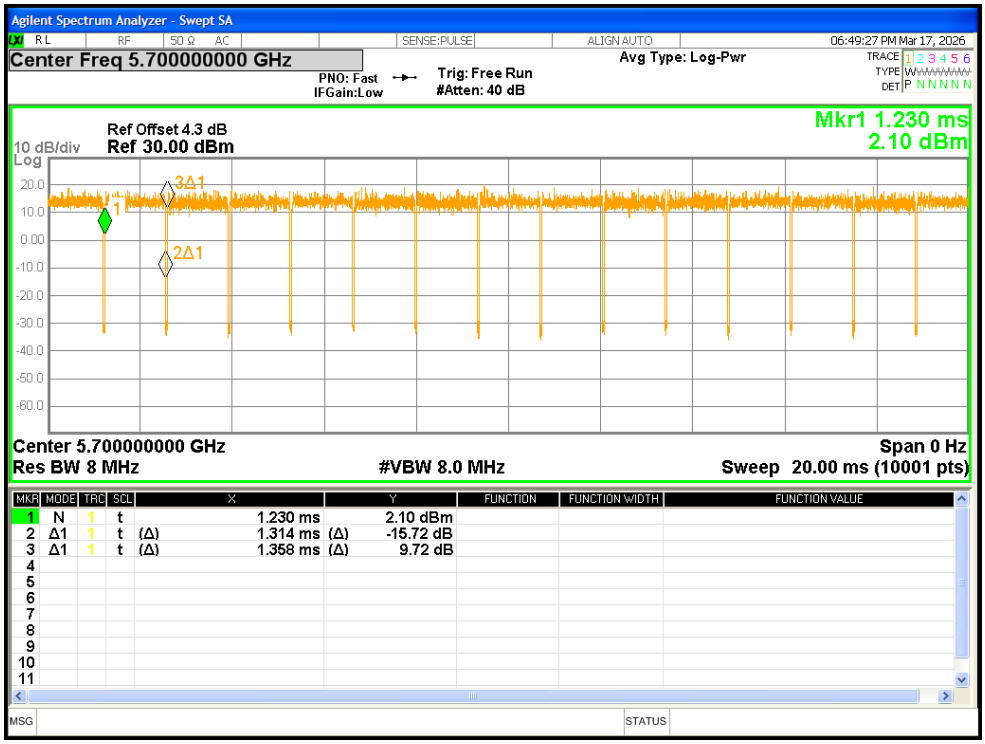
Duty Cycle NVNT ac20 5500MHz



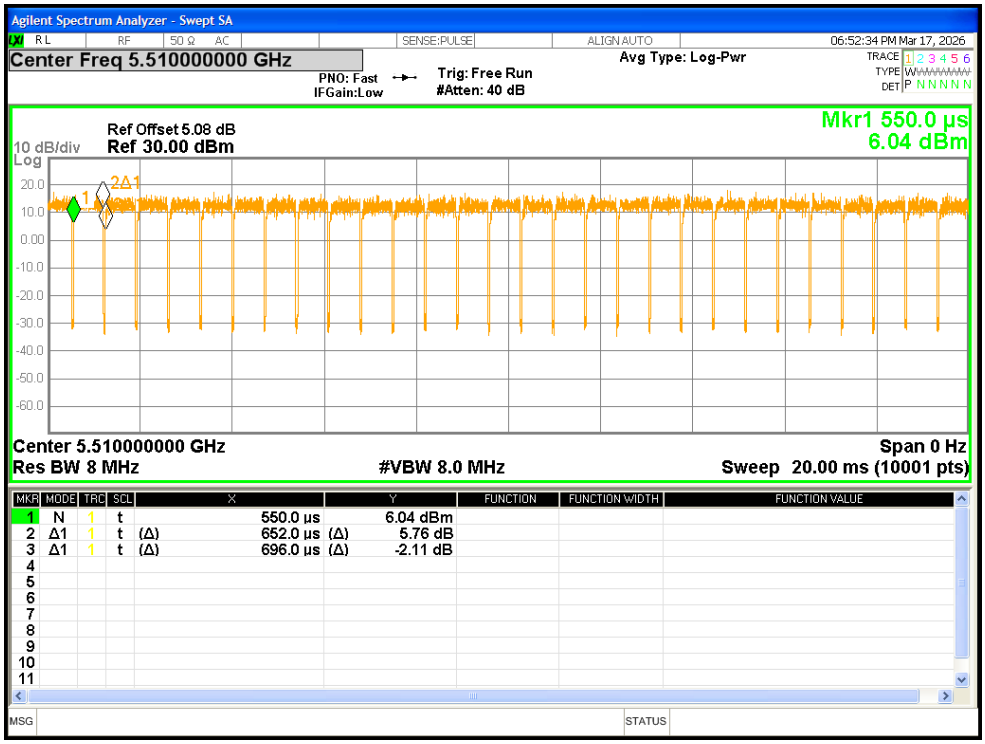
Duty Cycle NVNT ac20 5580MHz



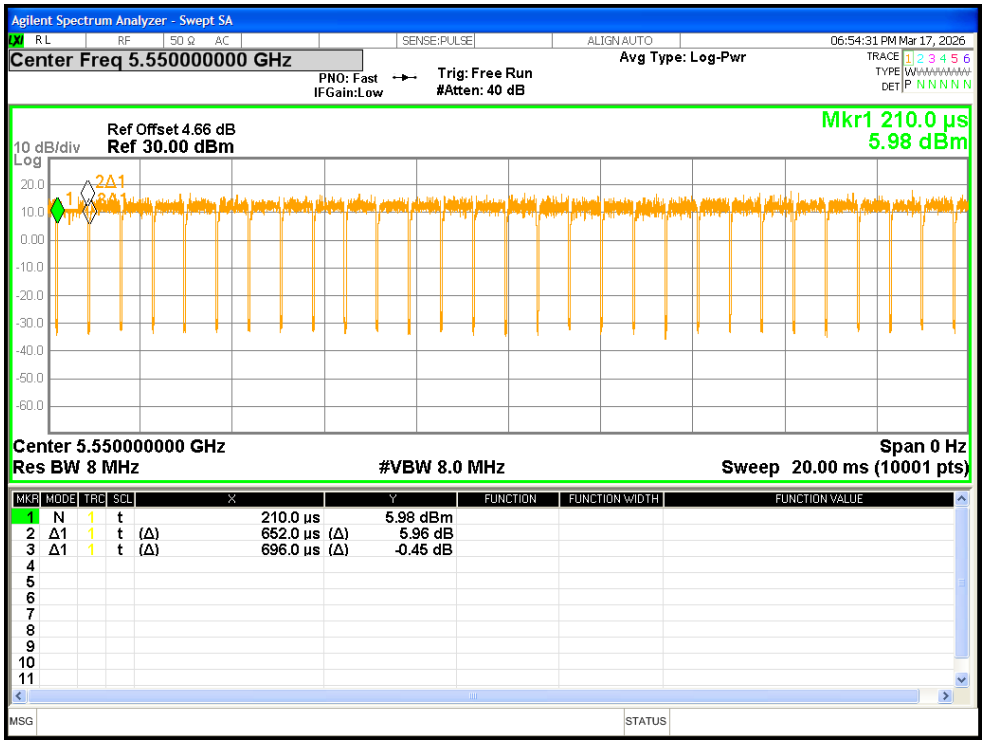
Duty Cycle NVNT ac20 5700MHz



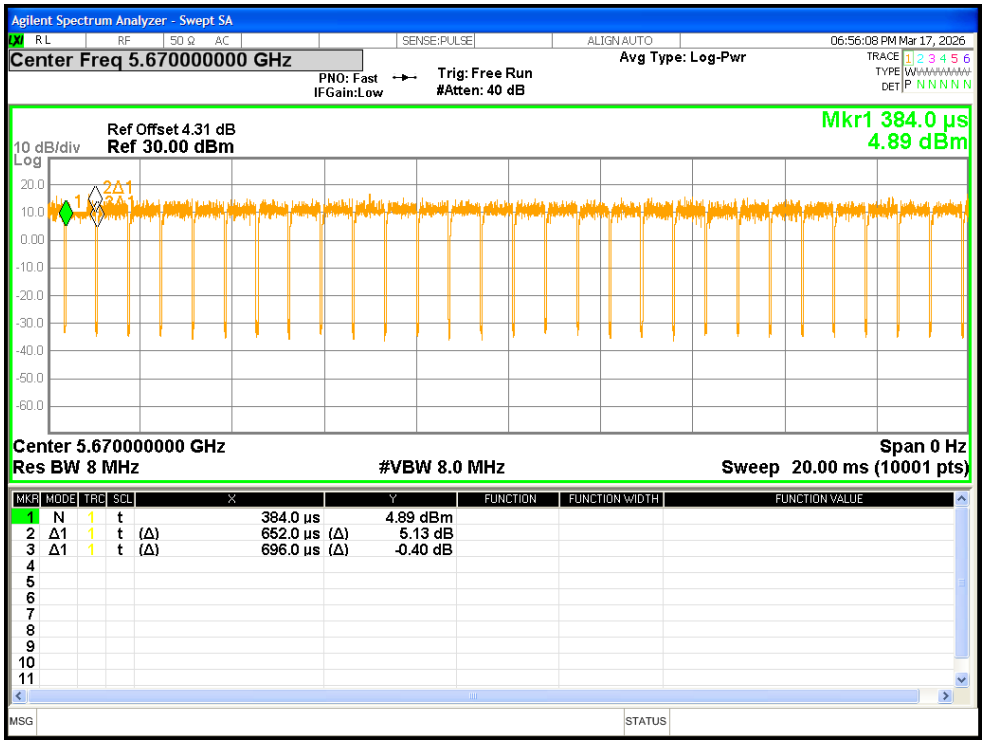
Duty Cycle NVNT ac40 5510MHz



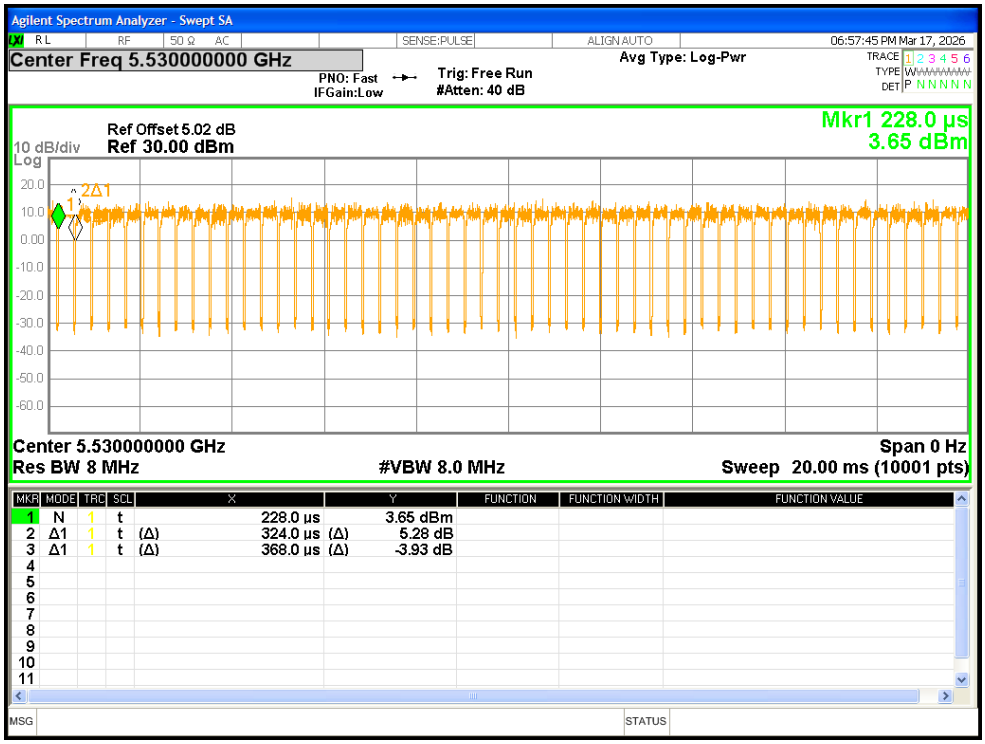
Duty Cycle NVNT ac40 5550MHz



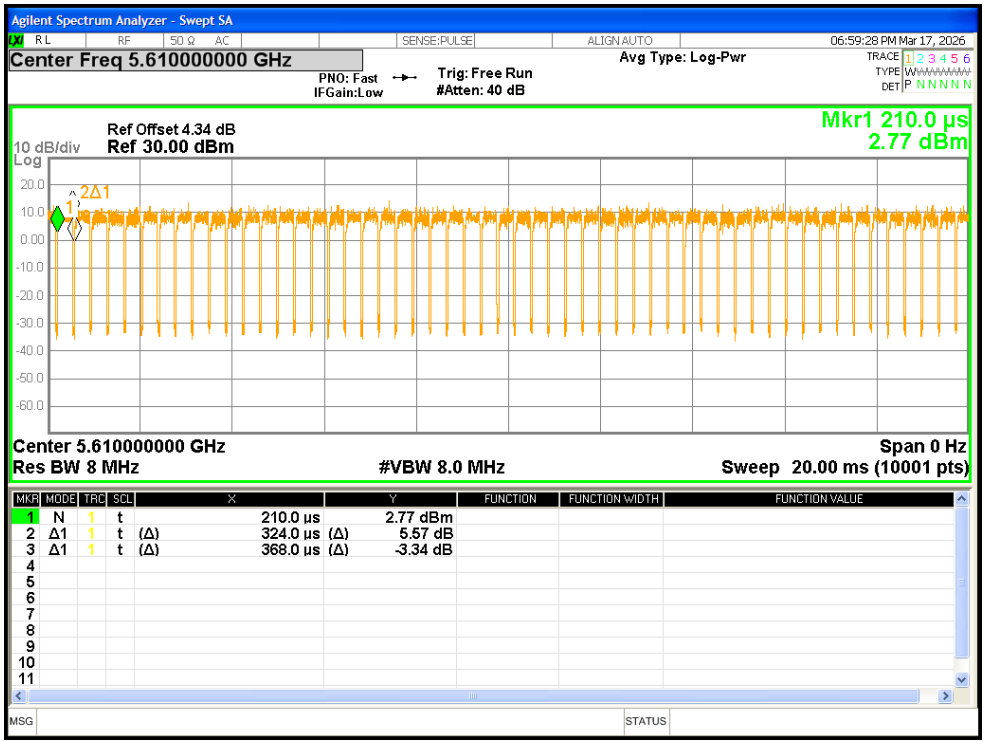
Duty Cycle NVNT ac40 5670MHz



Duty Cycle NVNT ac80 5530MHz



Duty Cycle NVNT ac80 5610MHz

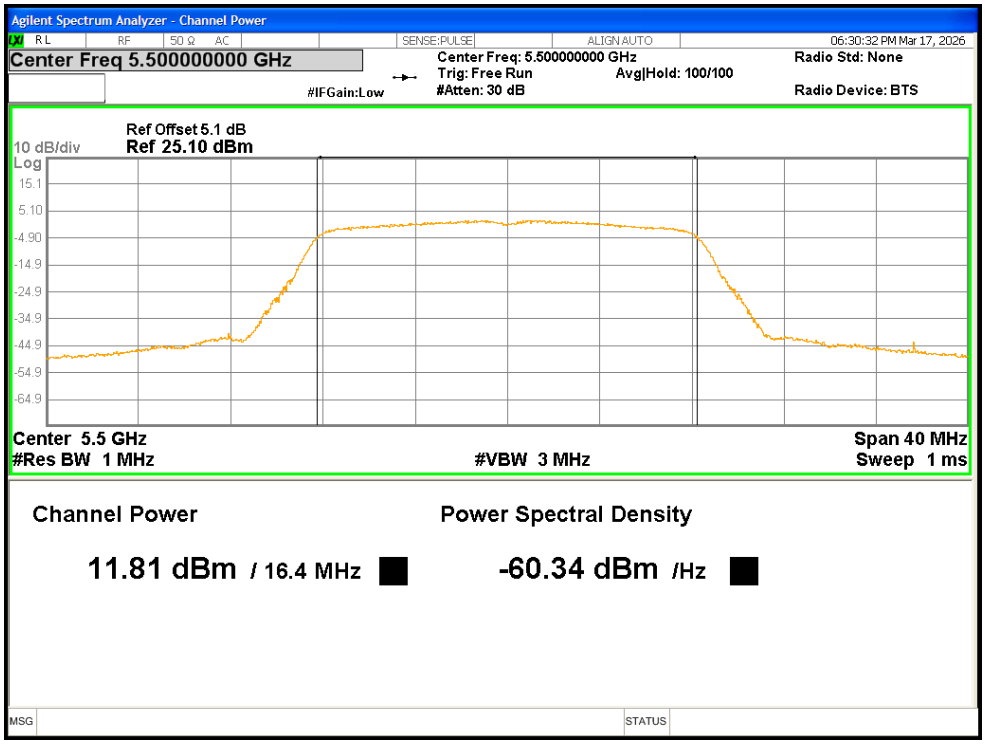


Maximum Conducted Output Power

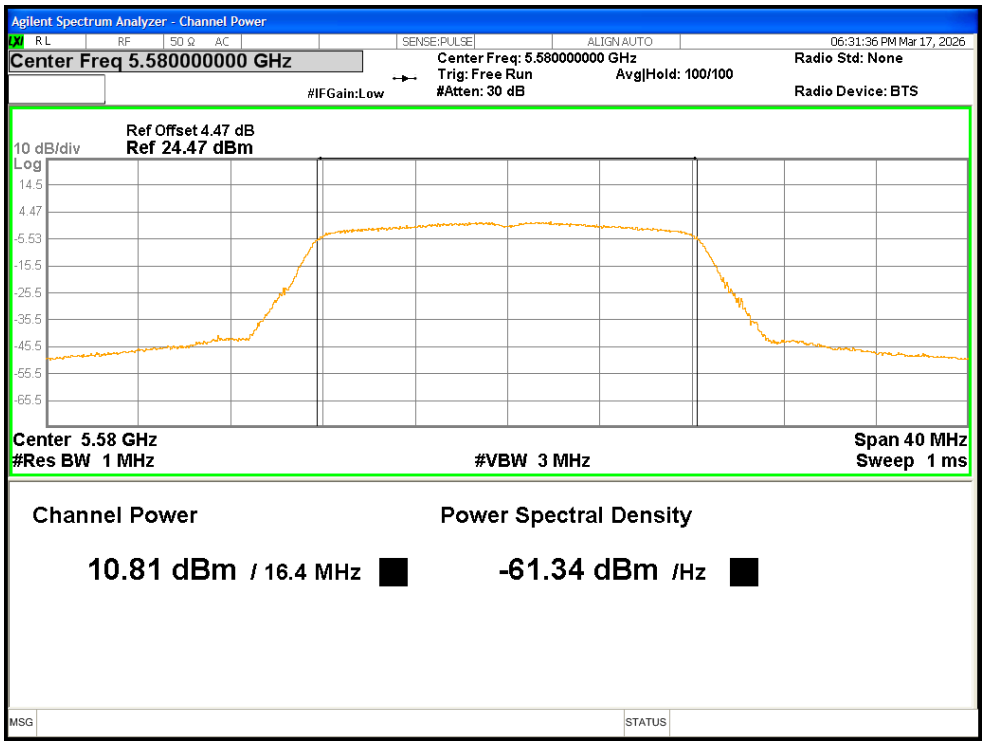
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	11.81	0.14	11.95	<=24	Pass
NVNT	a	5580	10.81	0.14	10.95	<=23.99	Pass
NVNT	a	5700	10.52	0.14	10.66	<=23.97	Pass
NVNT	n20	5500	13.79	0.14	13.93	<=24	Pass
NVNT	n20	5580	12.61	0.14	12.75	<=24	Pass
NVNT	n20	5700	12.33	0.14	12.47	<=24	Pass
NVNT	n40	5510	12.44	0.29	12.73	<=24	Pass
NVNT	n40	5550	11.87	0.29	12.16	<=24	Pass
NVNT	n40	5670	10.99	0.29	11.28	<=24	Pass
NVNT	ac20	5500	12.57	0.14	12.71	<=24	Pass
NVNT	ac20	5580	11.57	0.14	11.71	<=24	Pass
NVNT	ac20	5700	10.81	0.14	10.95	<=24	Pass
NVNT	ac40	5510	12.49	0.28	12.77	<=24	Pass
NVNT	ac40	5550	11.98	0.28	12.26	<=24	Pass
NVNT	ac40	5670	11.09	0.28	11.37	<=24	Pass
NVNT	ac80	5530	12.26	0.55	12.81	<=24	Pass
NVNT	ac80	5610	11.08	0.55	11.63	<=24	Pass

Test Graphs

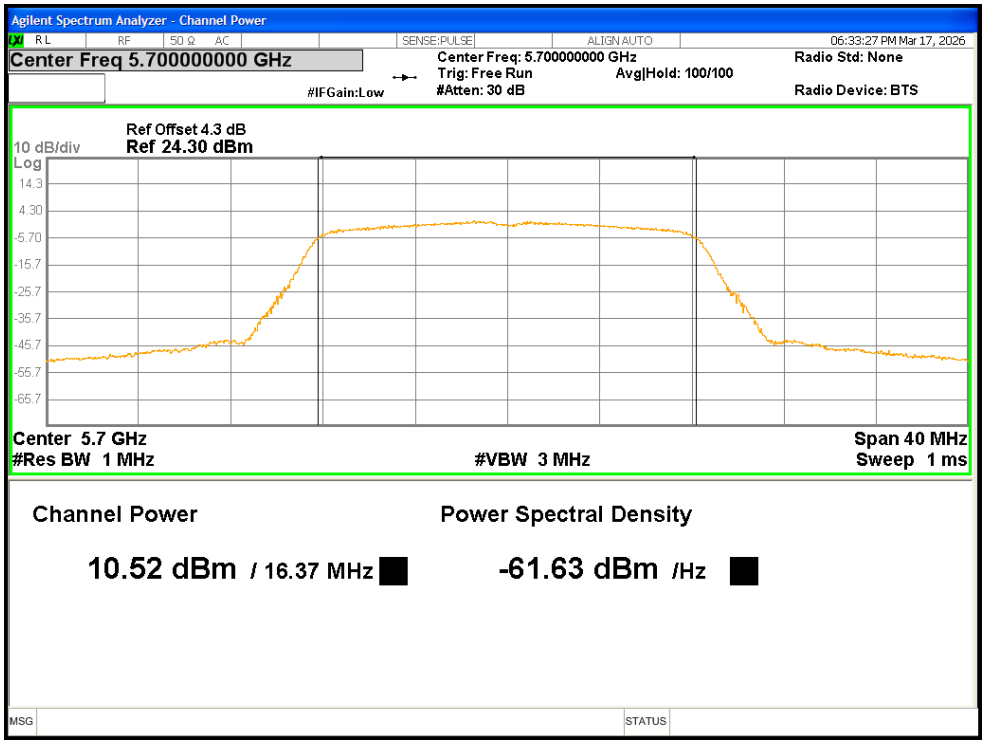
Power NVNT a 5500MHz



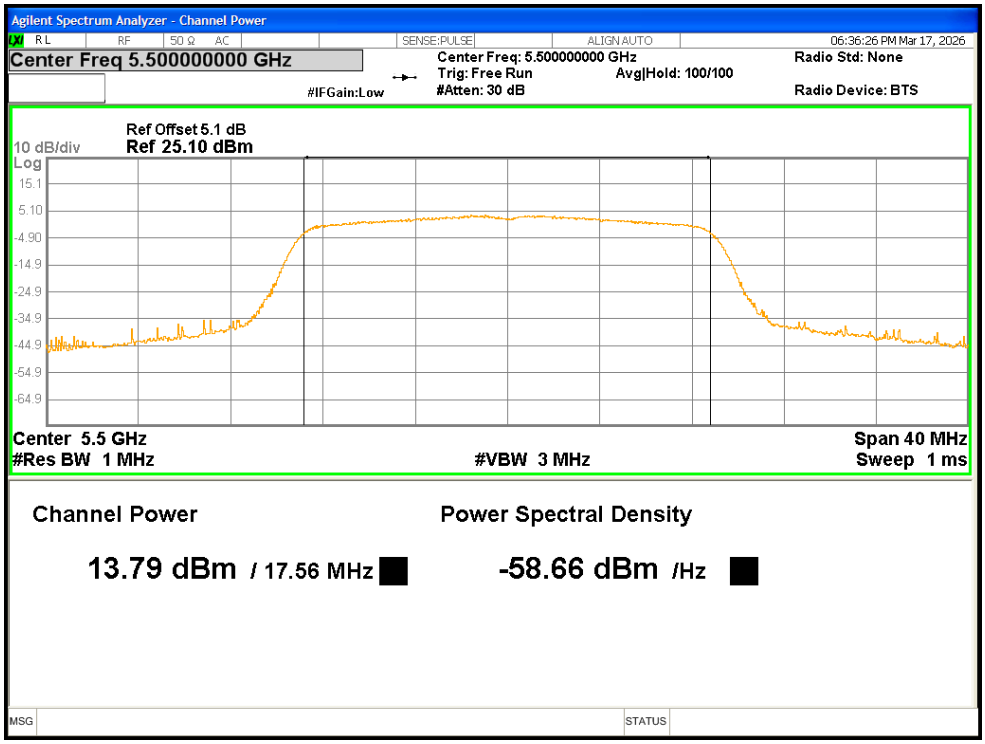
Power NVNT a 5580MHz



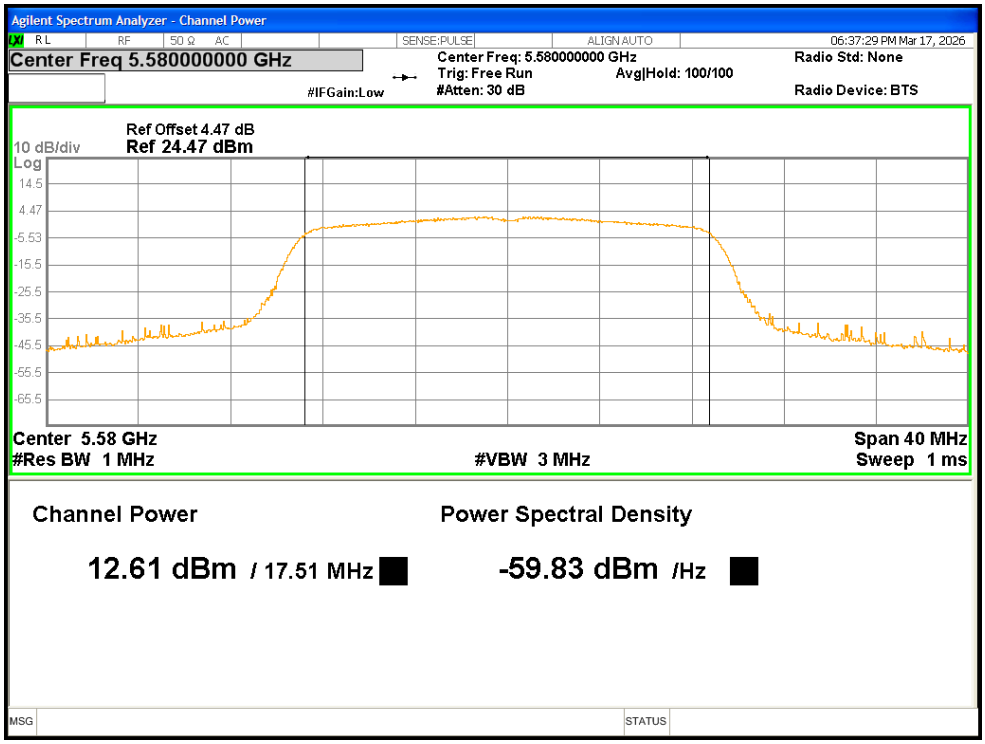
Power NVNT a 5700MHz



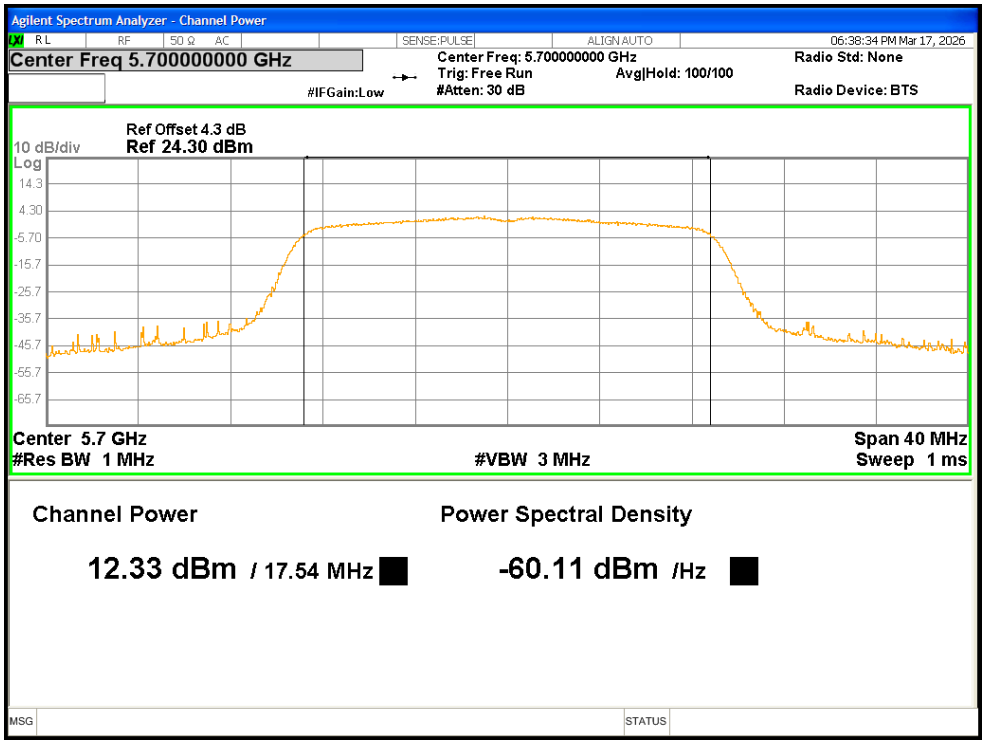
Power NVNT n20 5500MHz



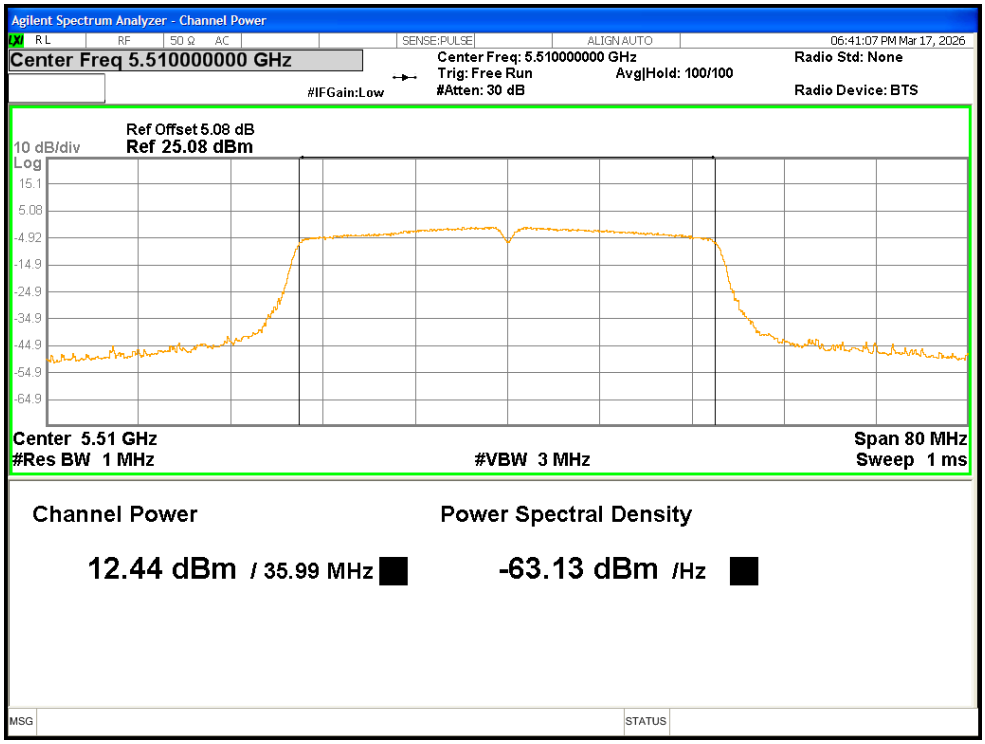
Power NVNT n20 5580MHz



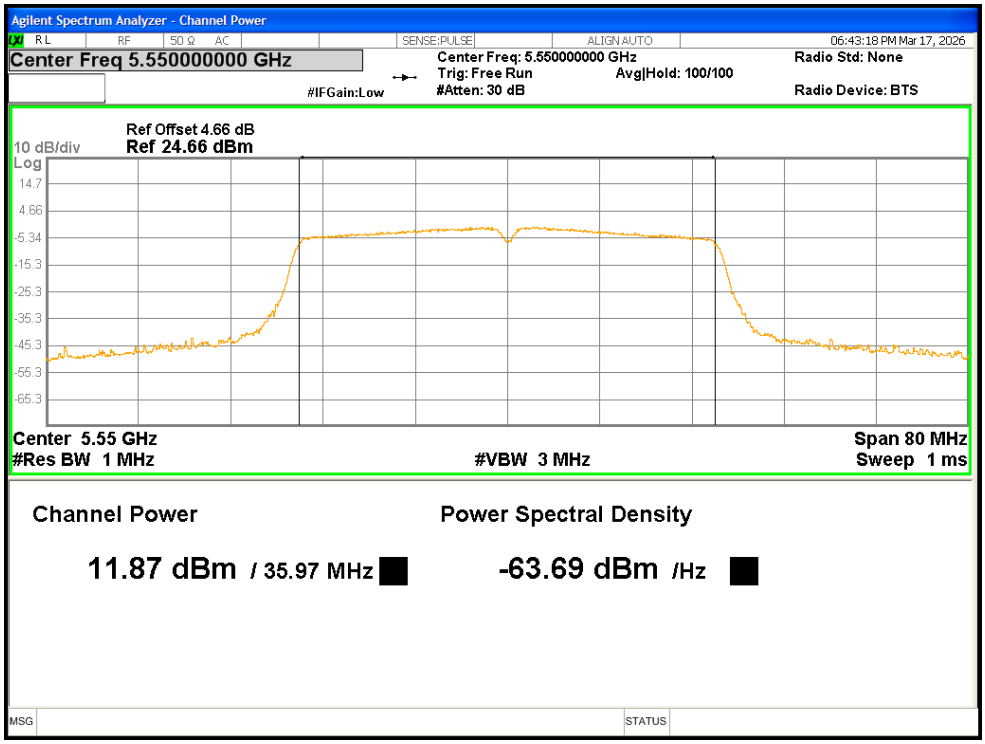
Power NVNT n20 5700MHz



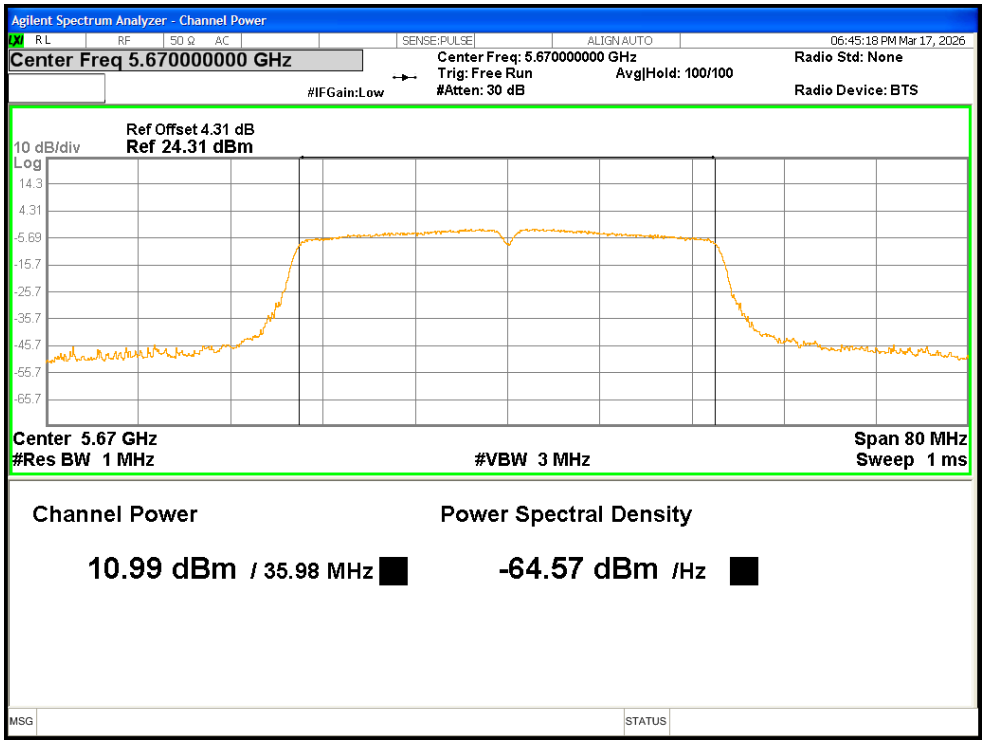
Power NVNT n40 5510MHz



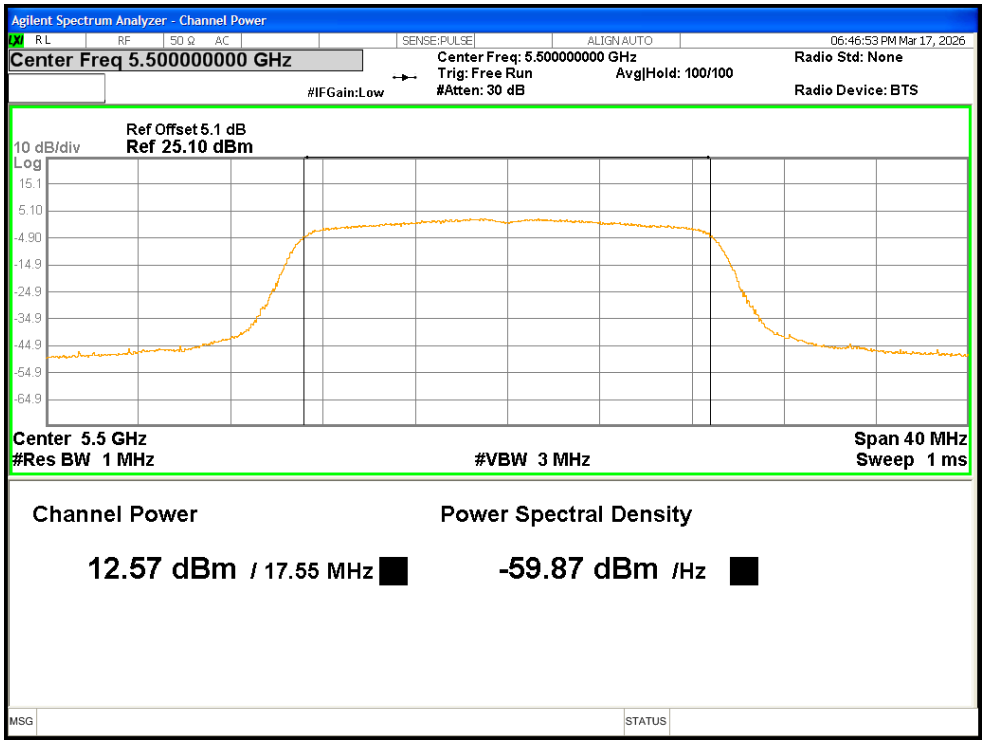
Power NVNT n40 5550MHz



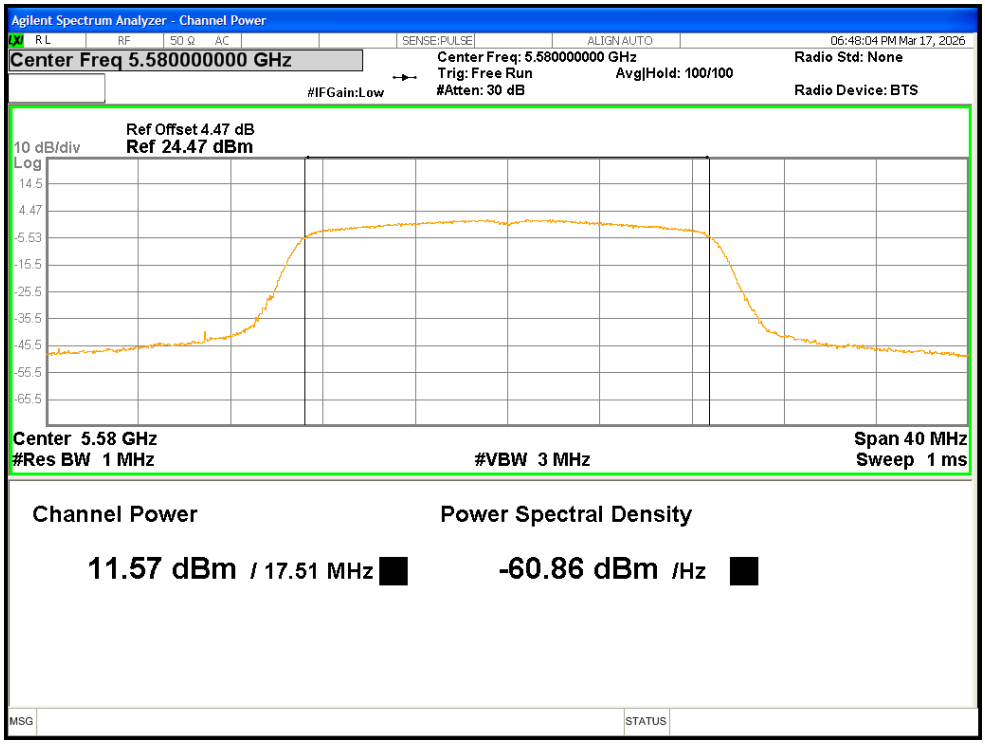
Power NVNT n40 5670MHz



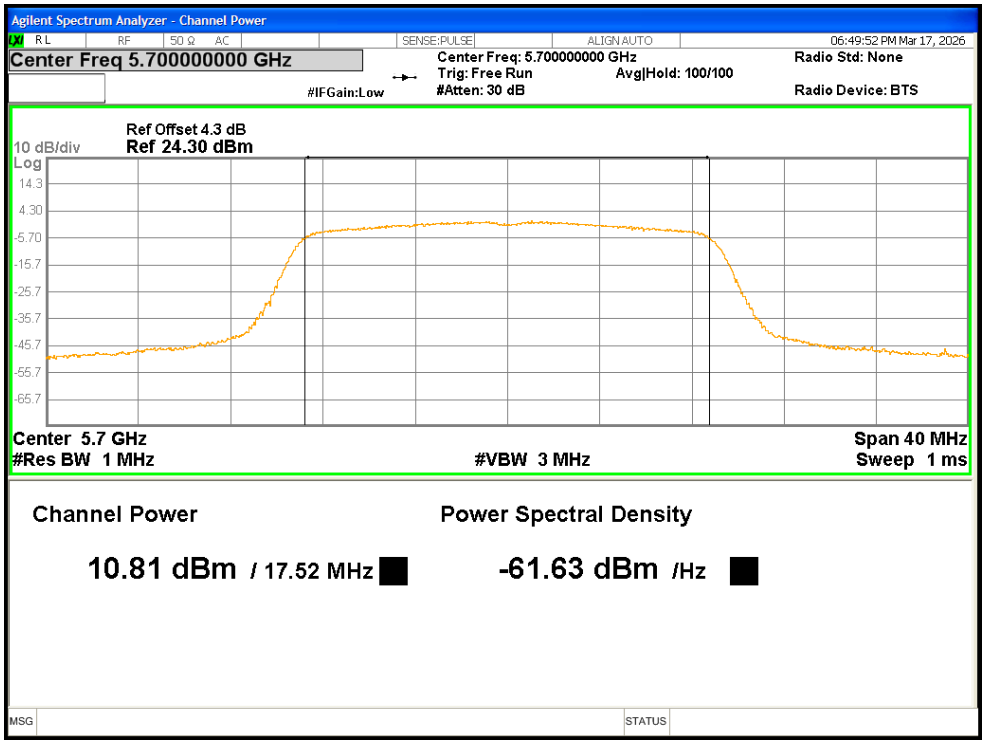
Power NVNT ac20 5500MHz



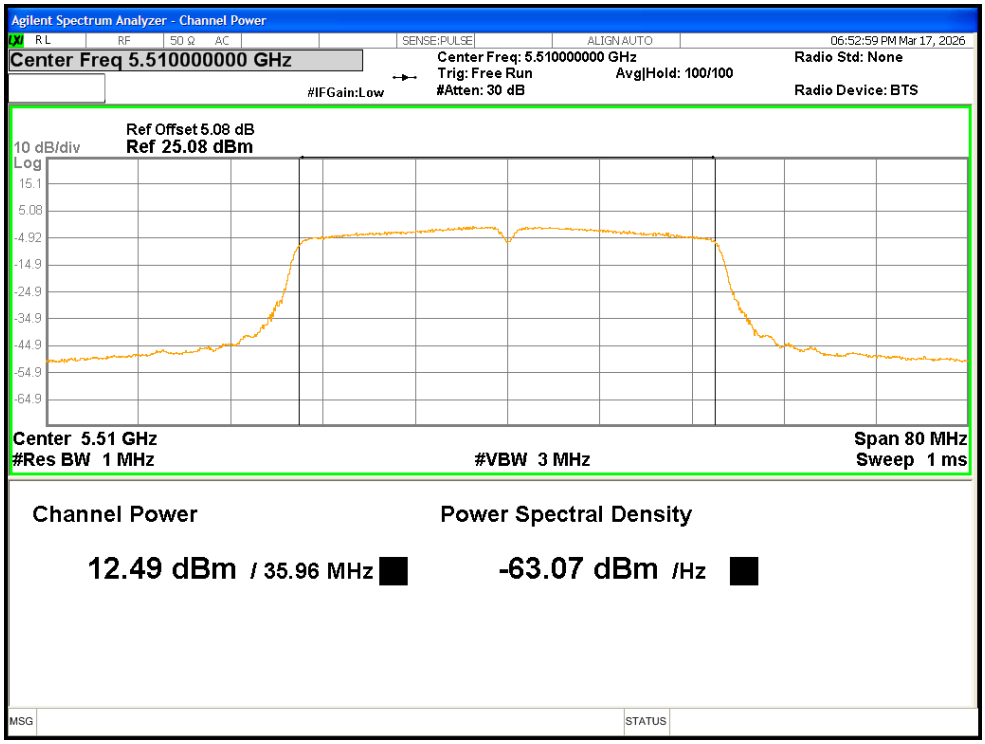
Power NVNT ac20 5580MHz



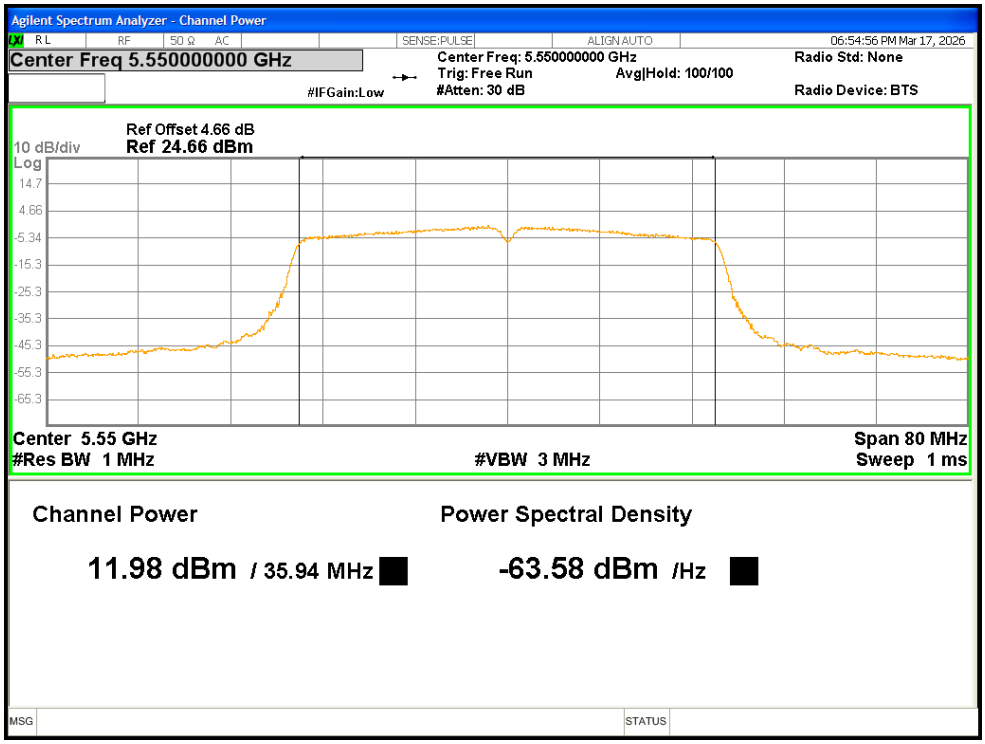
Power NVNT ac20 5700MHz



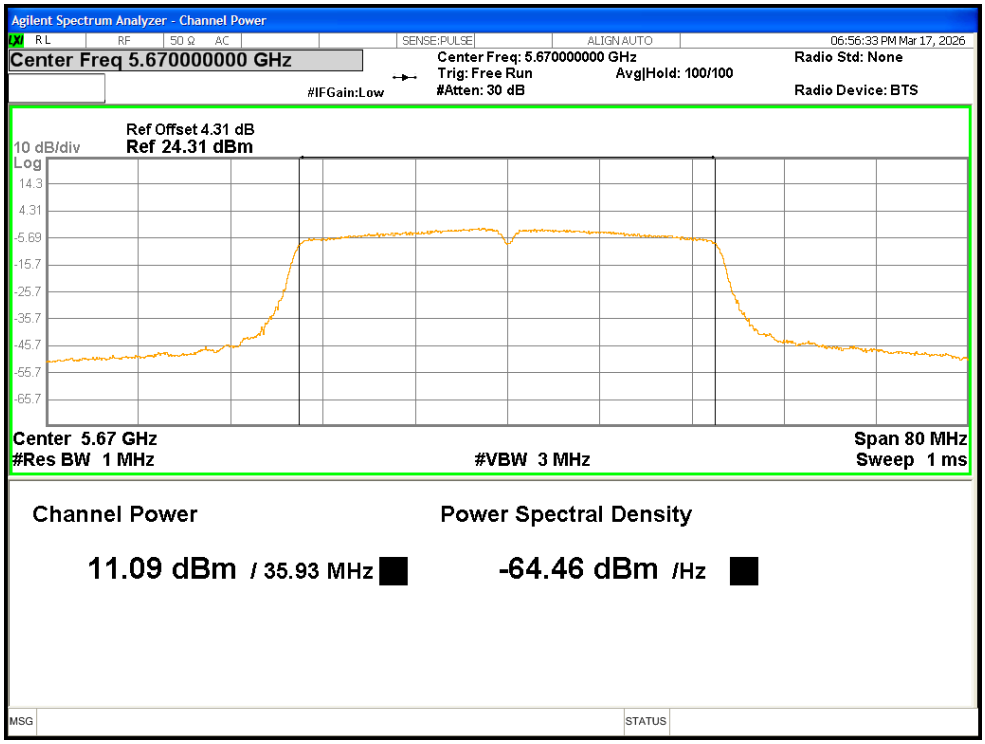
Power NVNT ac40 5510MHz



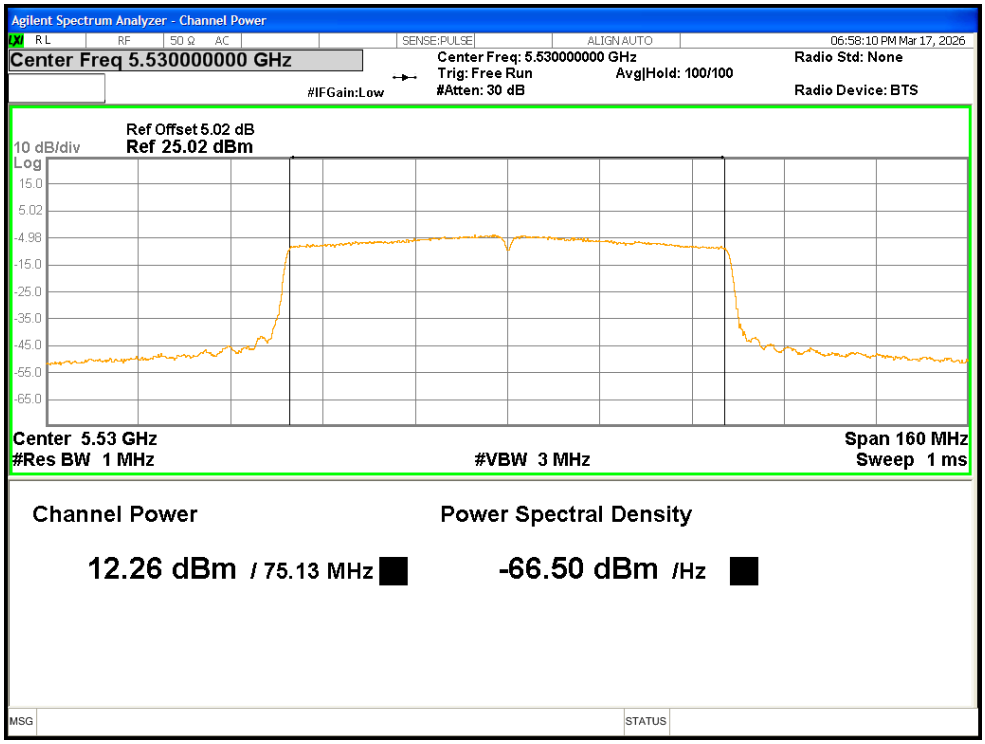
Power NVNT ac40 5550MHz



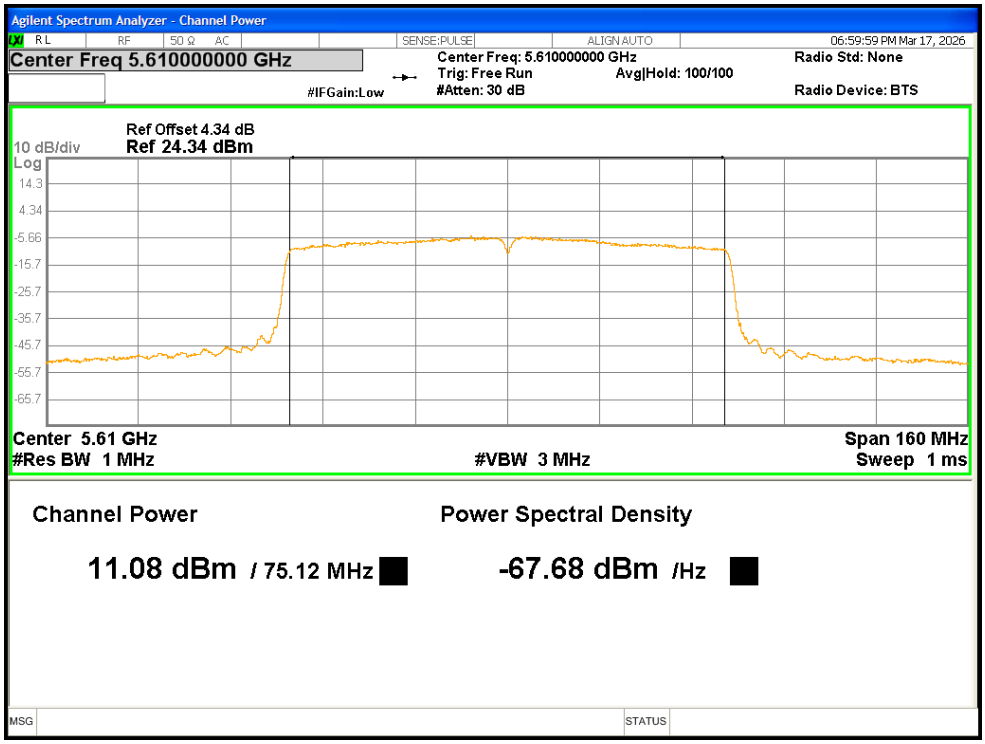
Power NVNT ac40 5670MHz



Power NVNT ac80 5530MHz



Power NVNT ac80 5610MHz

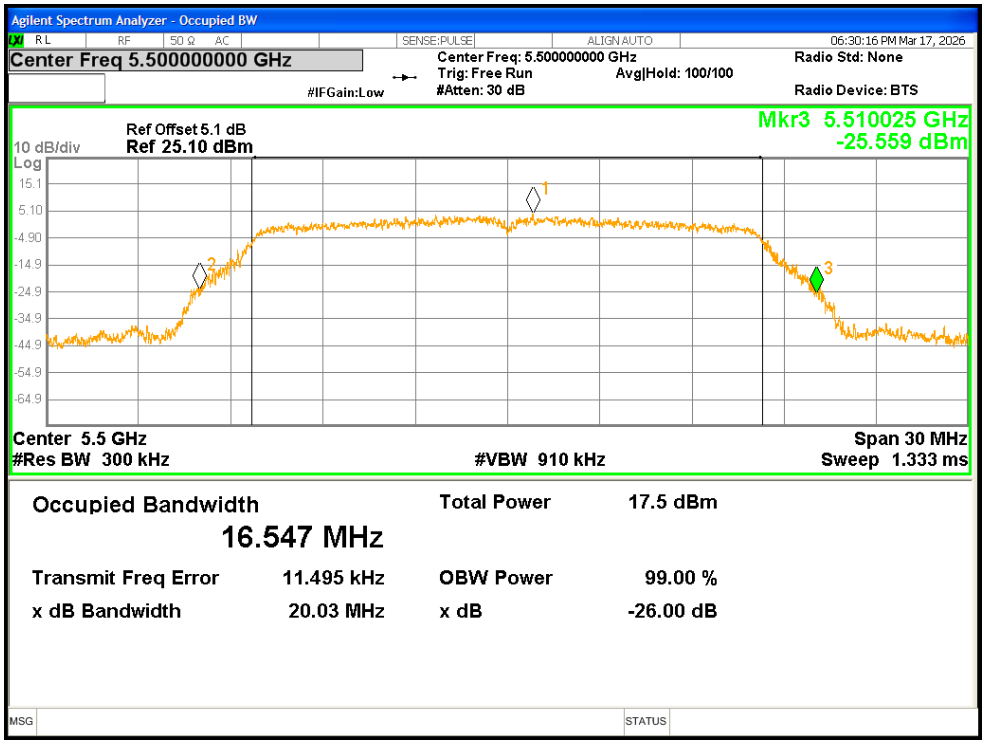


-26dB Bandwidth

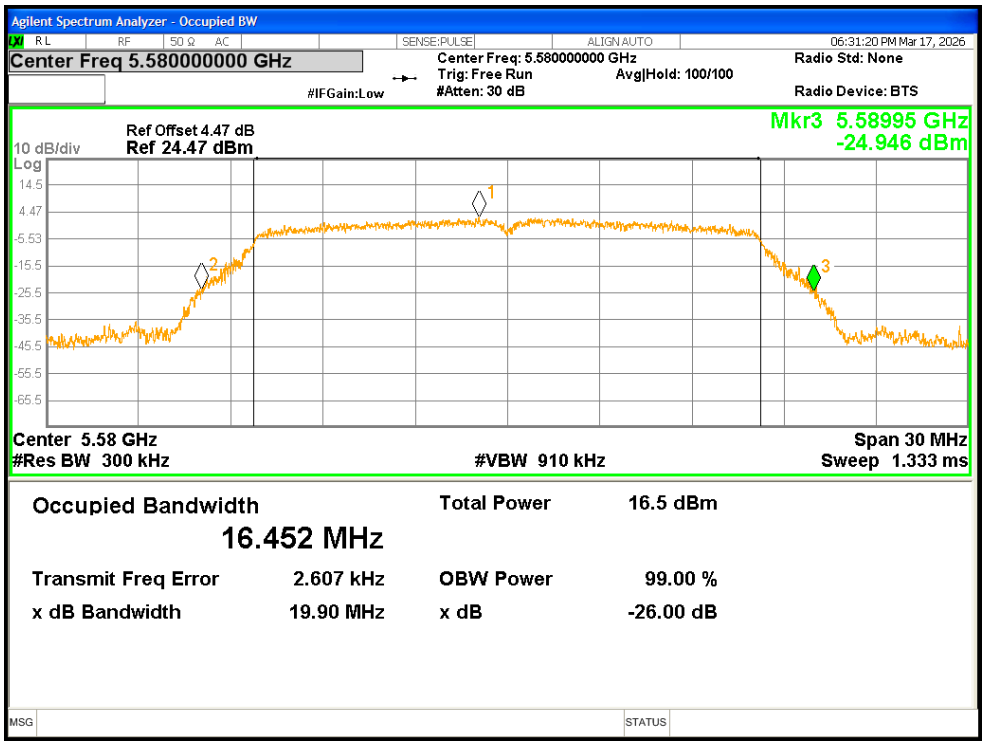
Condition	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	20.03	Pass
NVNT	a	5580	19.9	Pass
NVNT	a	5700	19.8	Pass
NVNT	n20	5500	20.28	Pass
NVNT	n20	5580	20.38	Pass
NVNT	n20	5700	20.3	Pass
NVNT	n40	5510	40.65	Pass
NVNT	n40	5550	40.6	Pass
NVNT	n40	5670	40.7	Pass
NVNT	ac20	5500	20.2	Pass
NVNT	ac20	5580	20.36	Pass
NVNT	ac20	5700	20.26	Pass
NVNT	ac40	5510	40.77	Pass
NVNT	ac40	5550	40.43	Pass
NVNT	ac40	5670	40.46	Pass
NVNT	ac80	5530	81.95	Pass
NVNT	ac80	5610	81.91	Pass

Test Graphs

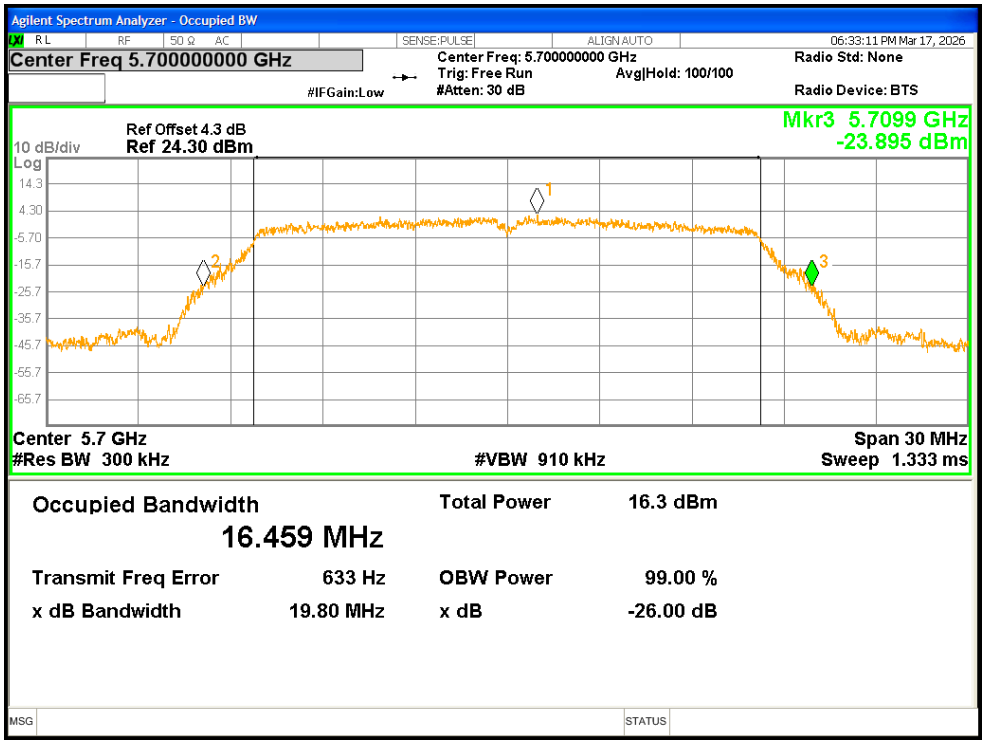
-26dB Bandwidth NVNT a 5500MHz



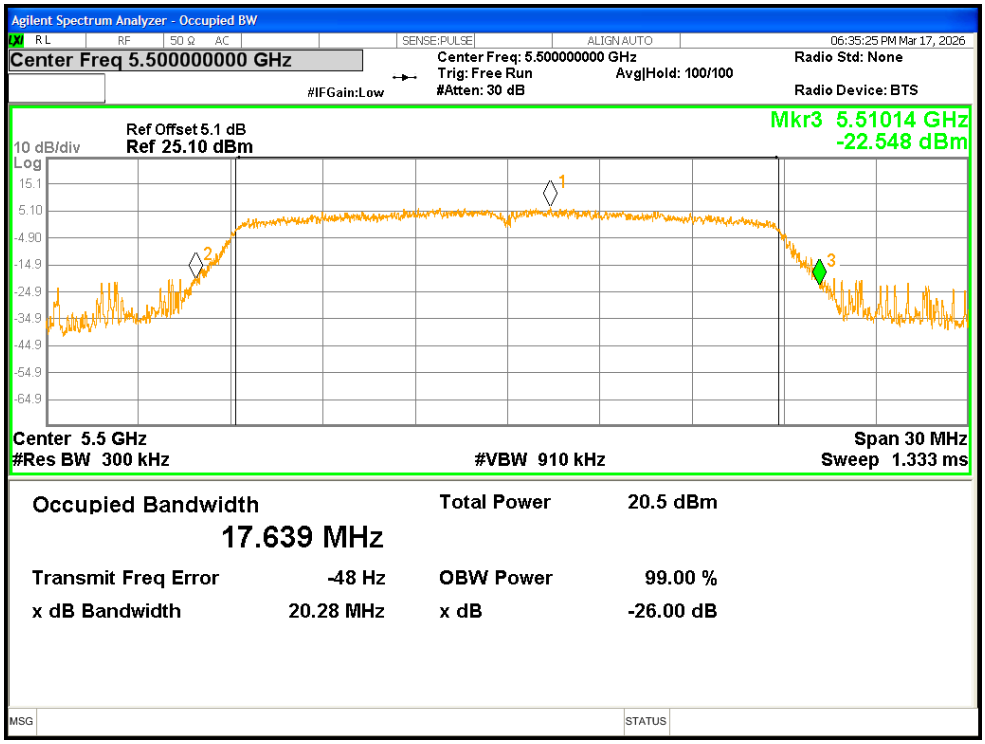
-26dB Bandwidth NVNT a 5580MHz



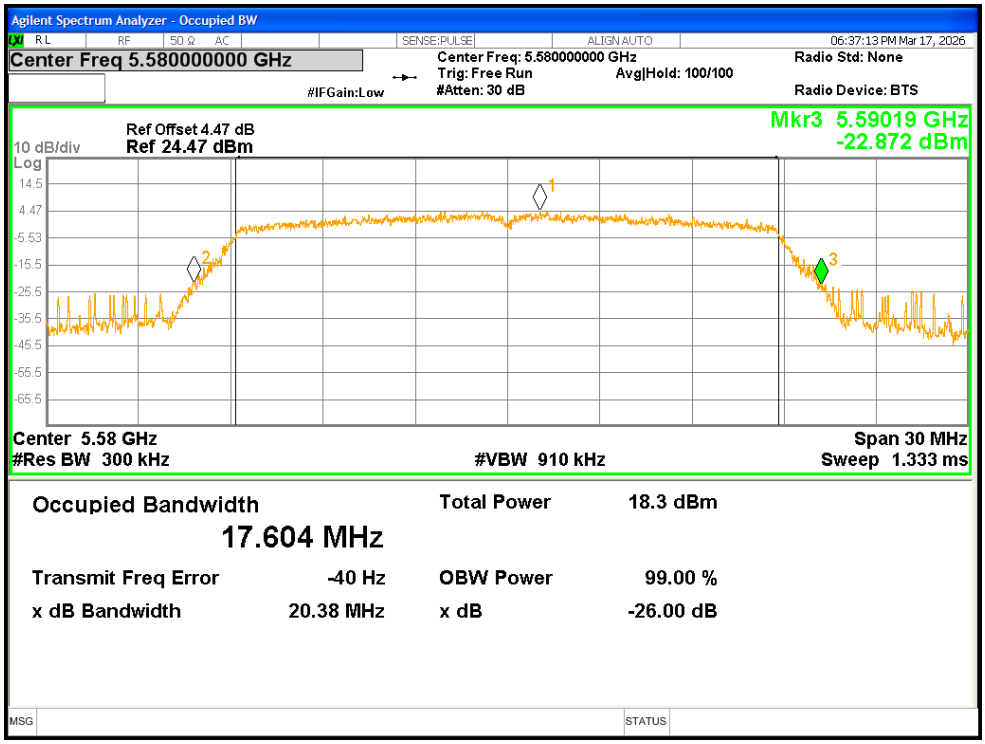
-26dB Bandwidth NVNT a 5700MHz



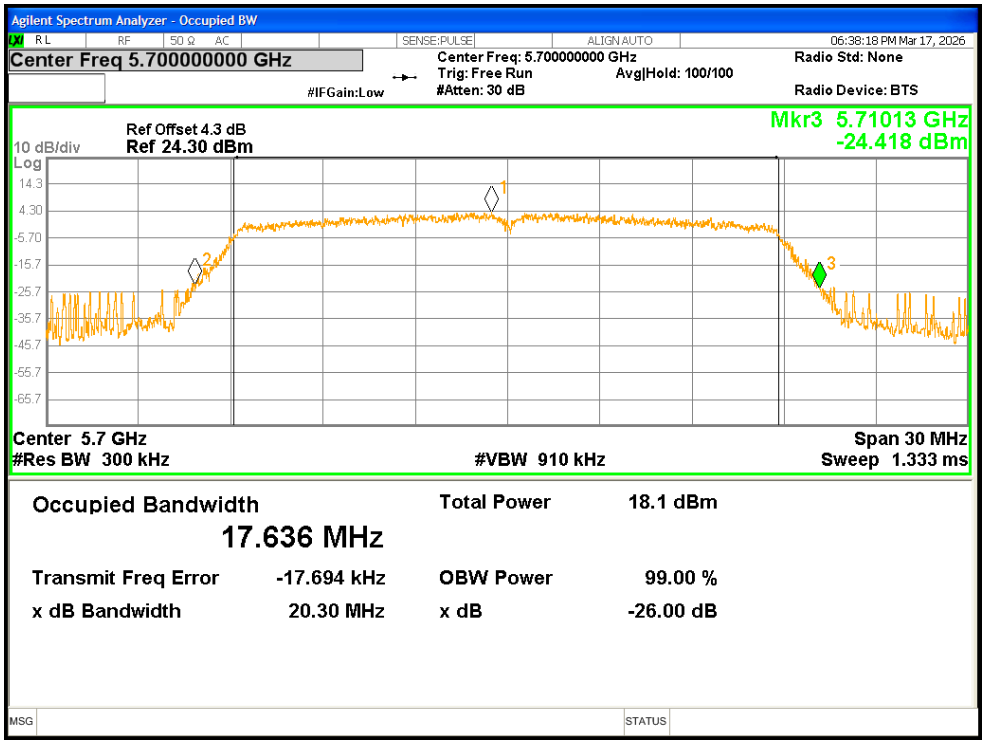
-26dB Bandwidth NVNT n20 5500MHz



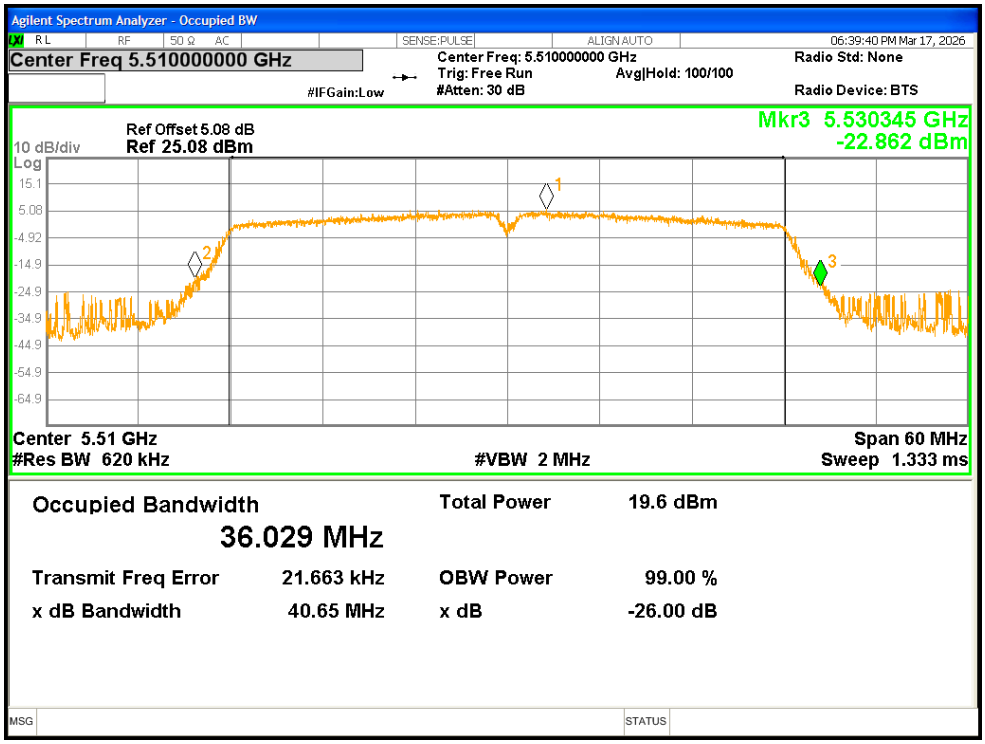
-26dB Bandwidth NVNT n20 5580MHz



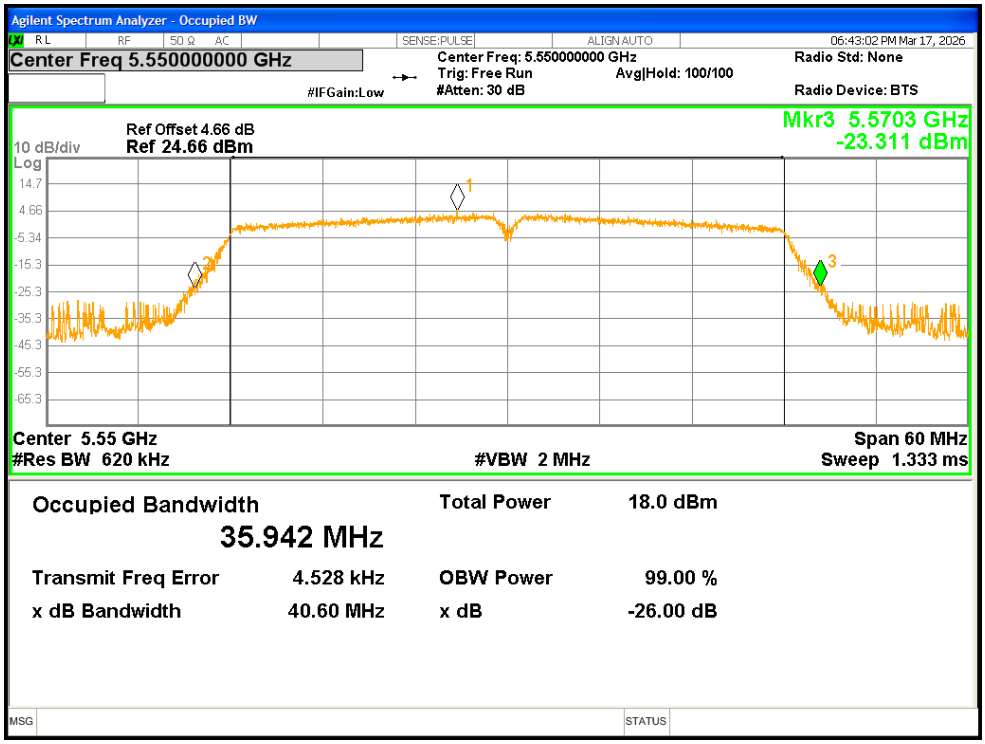
-26dB Bandwidth NVNT n20 5700MHz



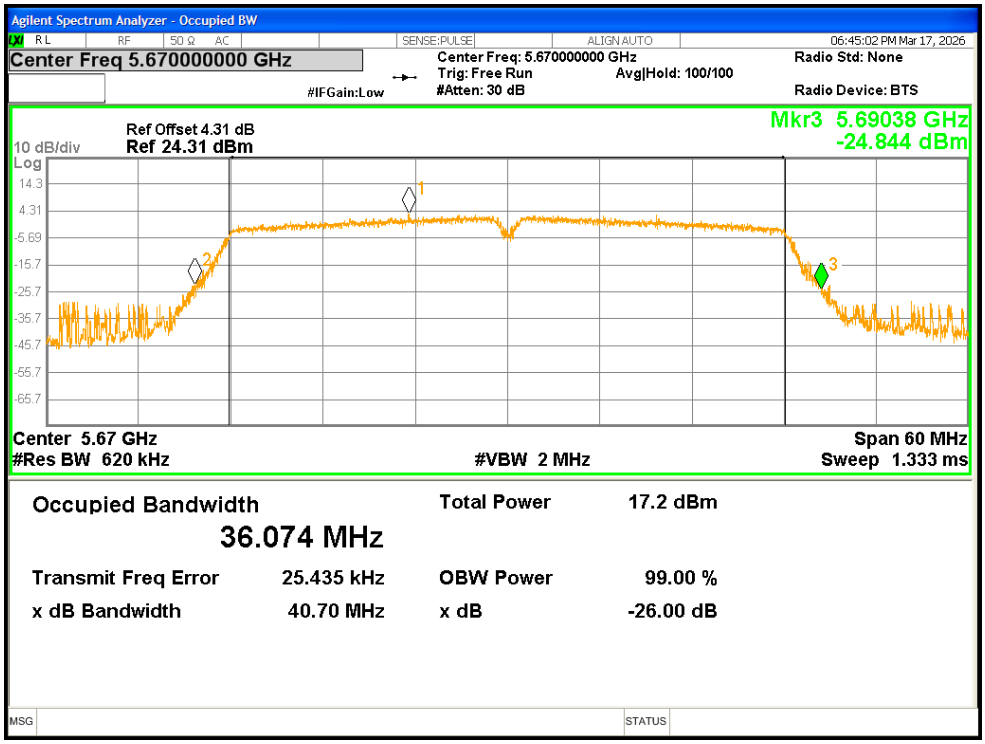
-26dB Bandwidth NVNT n40 5510MHz



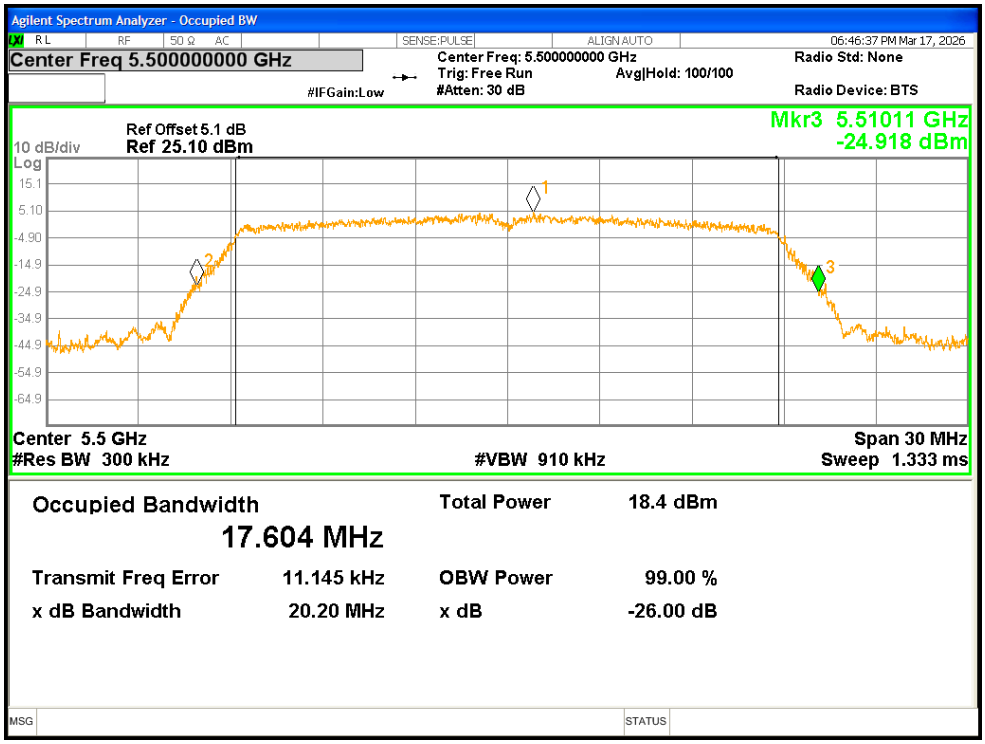
-26dB Bandwidth NVNT n40 5550MHz



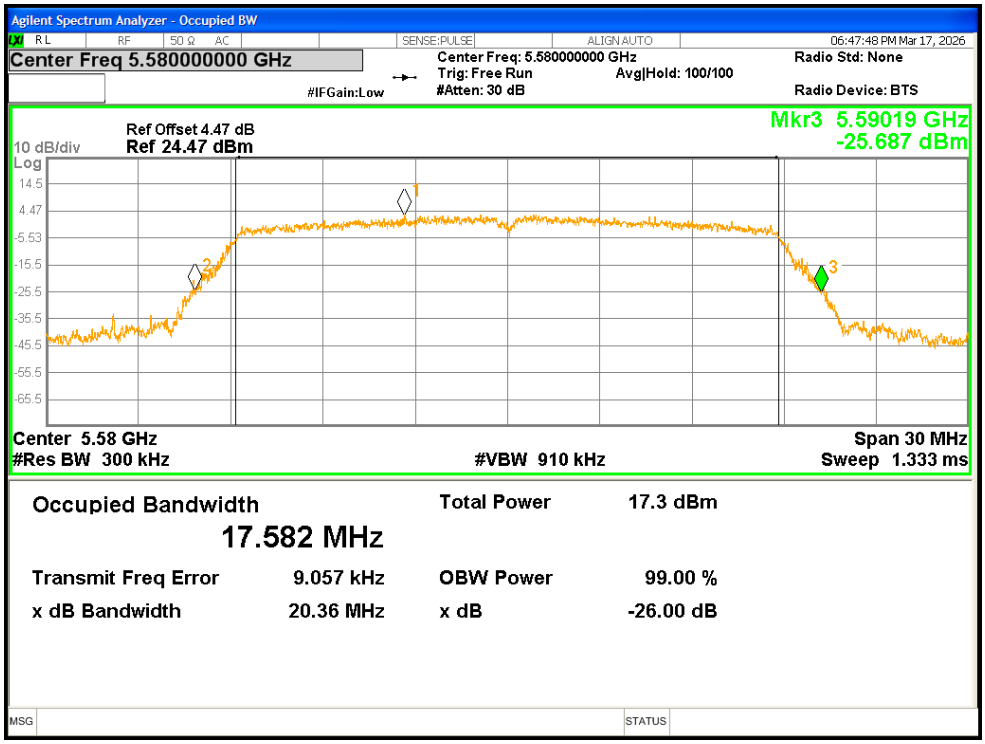
-26dB Bandwidth NVNT n40 5670MHz



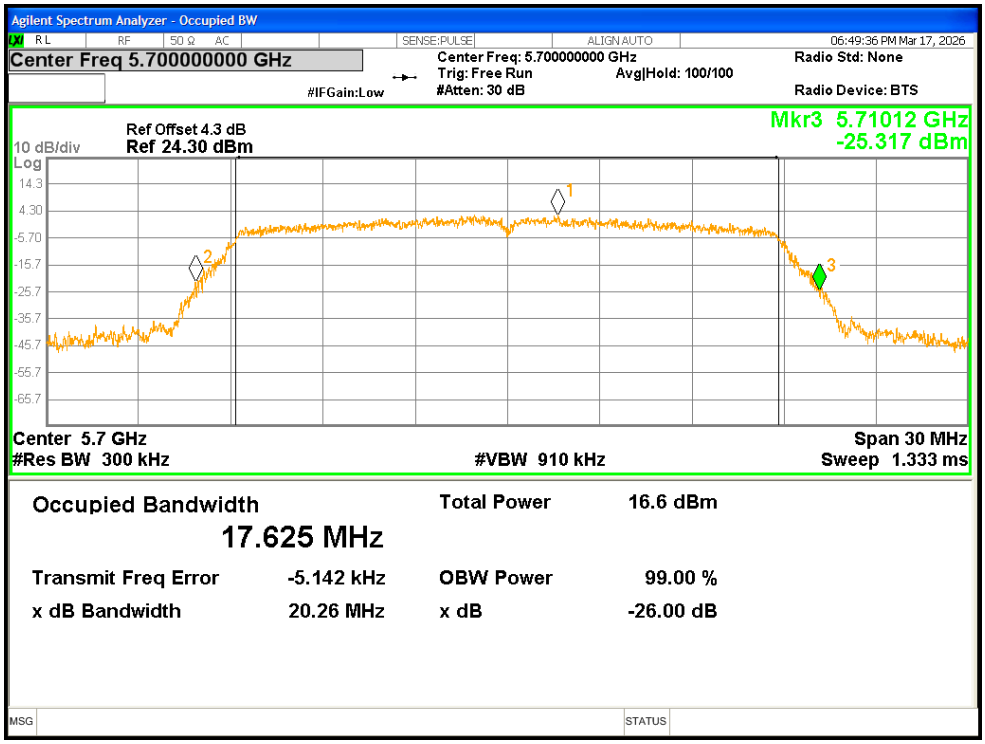
-26dB Bandwidth NVNT ac20 5500MHz



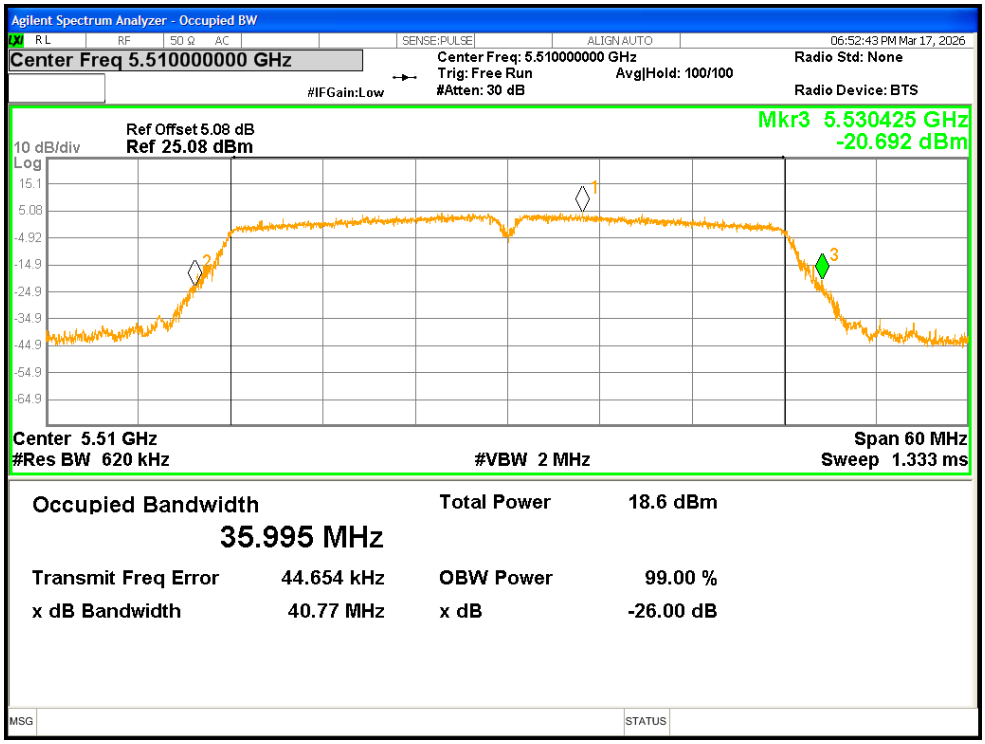
-26dB Bandwidth NVNT ac20 5580MHz



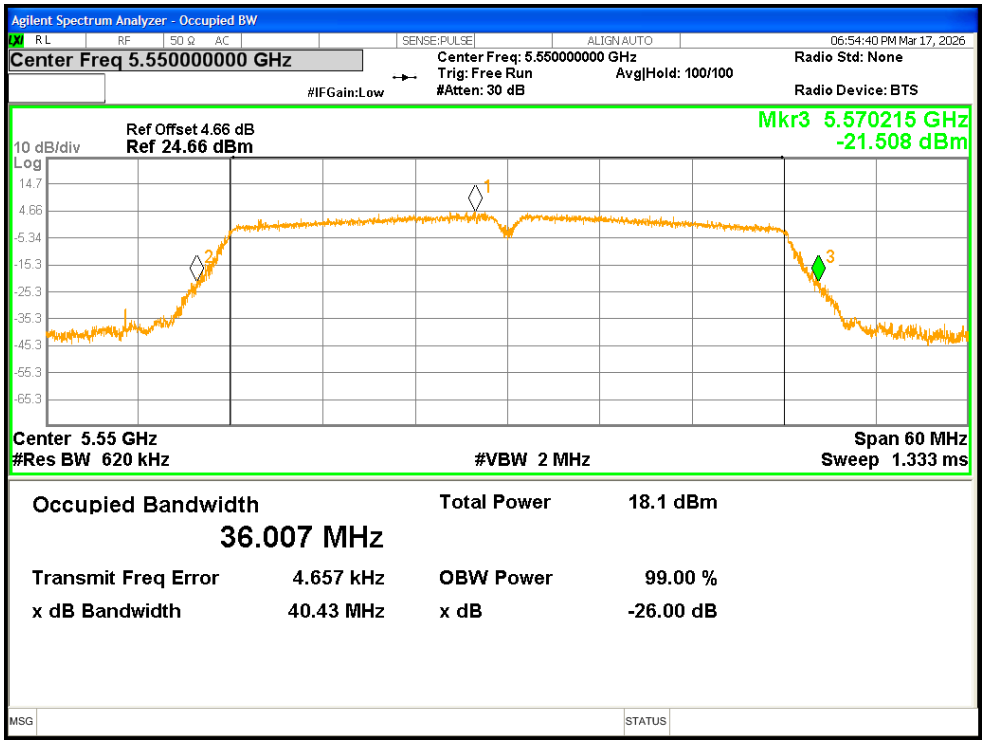
-26dB Bandwidth NVNT ac20 5700MHz



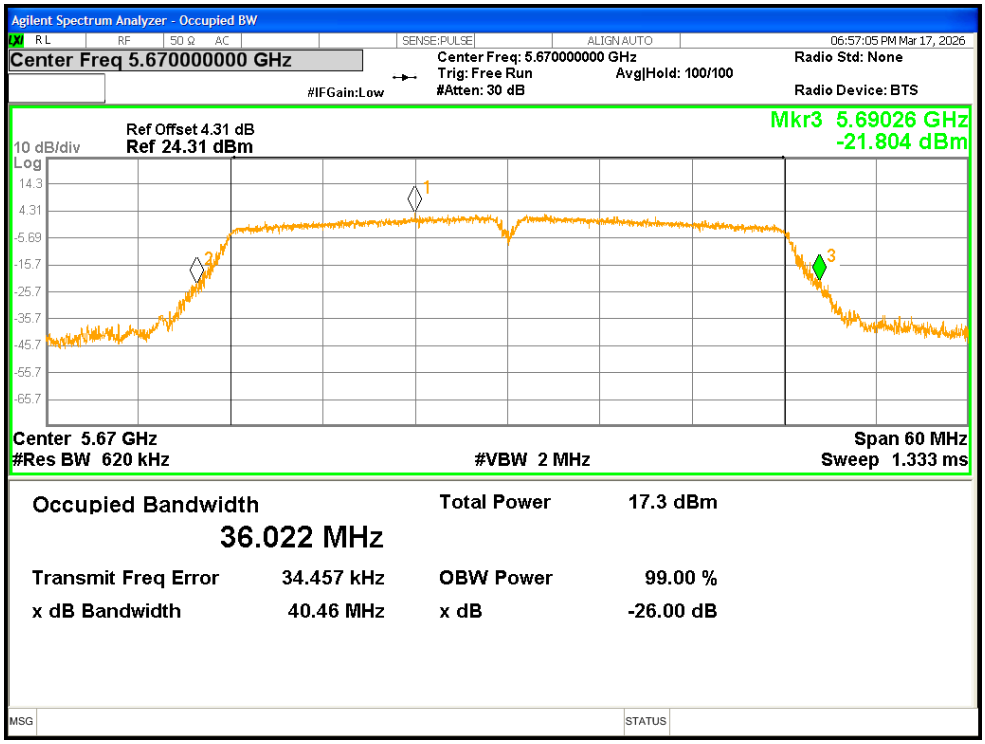
-26dB Bandwidth NVNT ac40 5510MHz



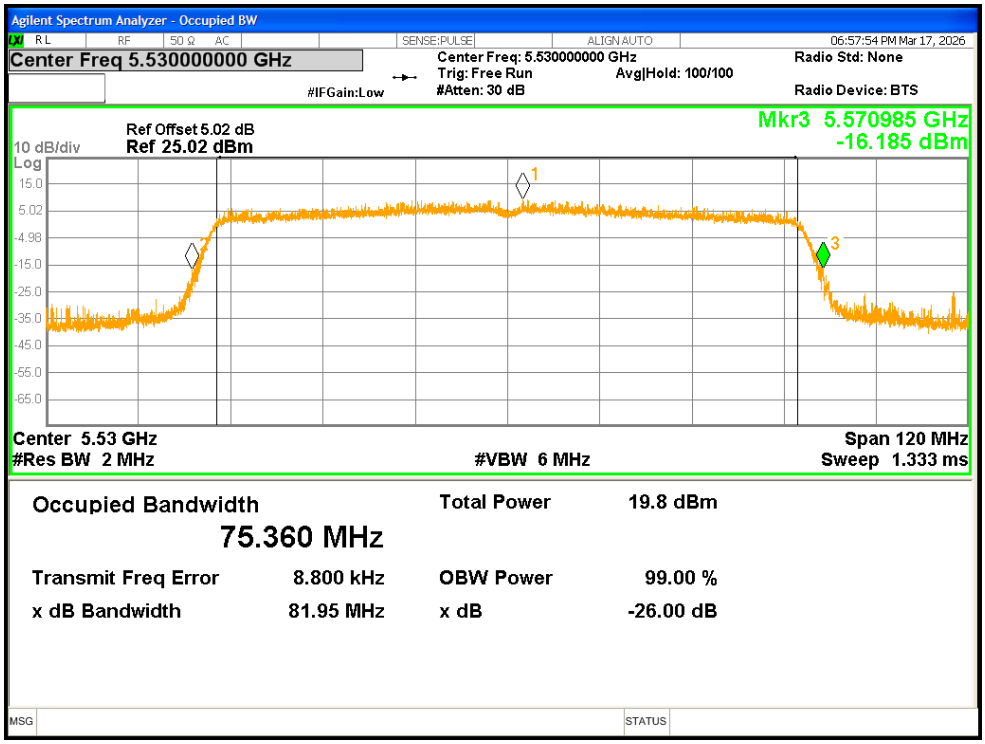
-26dB Bandwidth NVNT ac40 5550MHz



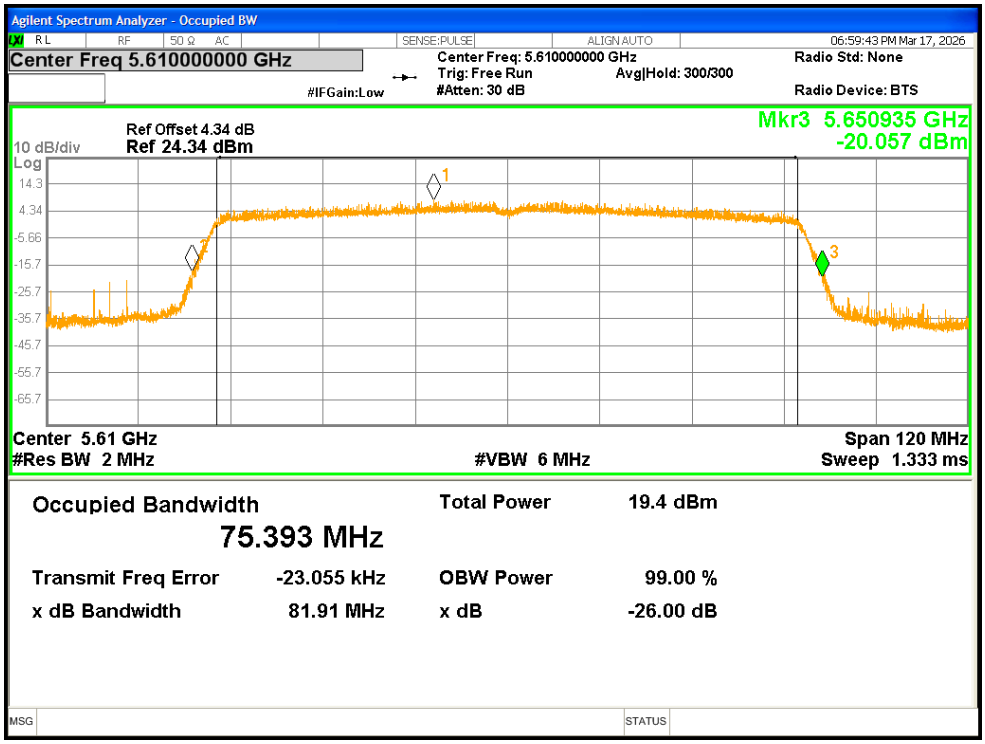
-26dB Bandwidth NVNT ac40 5670MHz



-26dB Bandwidth NVNT ac80 5530MHz



-26dB Bandwidth NVNT ac80 5610MHz

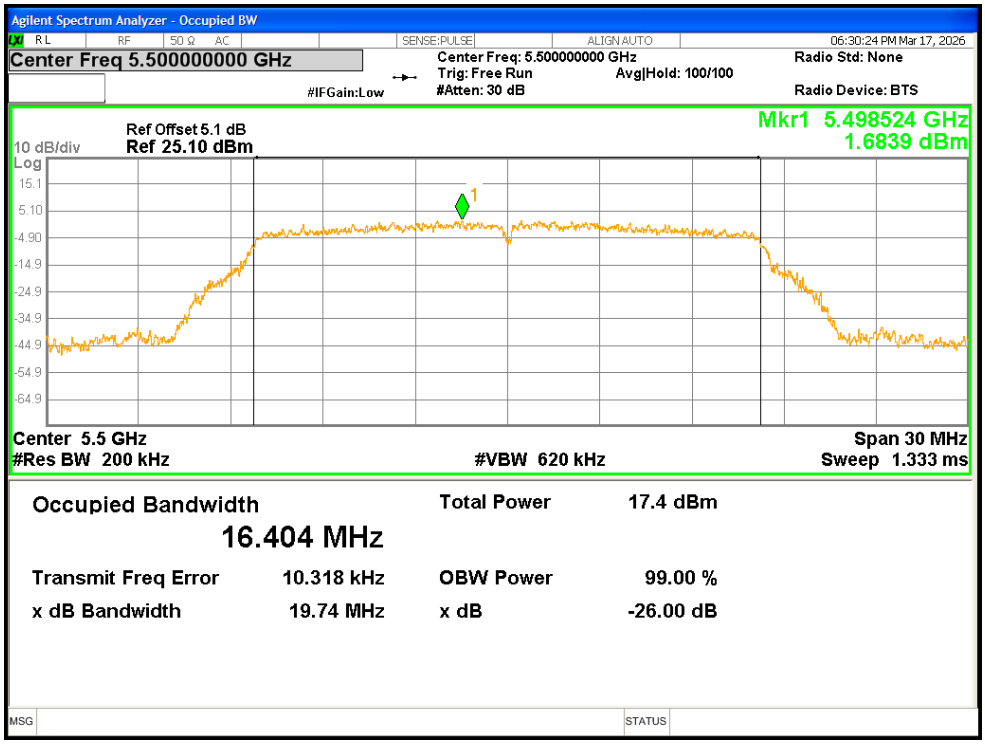


Occupied Channel Bandwidth

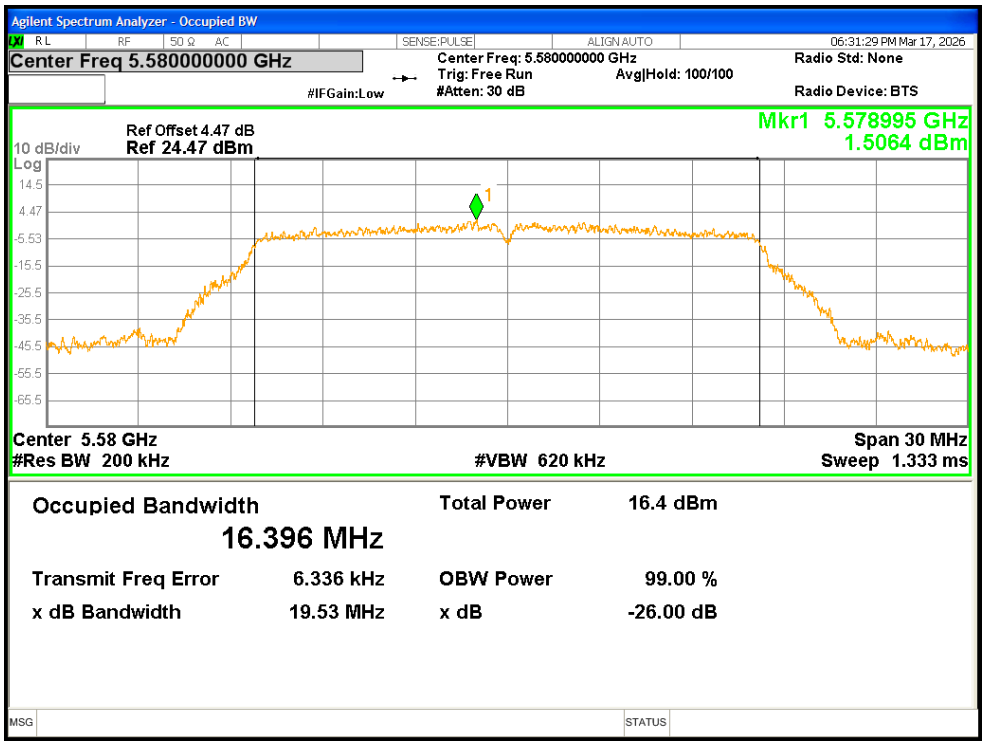
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5500	16.404
NVNT	a	5580	16.396
NVNT	a	5700	16.374
NVNT	n20	5500	17.557
NVNT	n20	5580	17.511
NVNT	n20	5700	17.541
NVNT	n40	5510	35.985
NVNT	n40	5550	35.965
NVNT	n40	5670	35.977
NVNT	ac20	5500	17.545
NVNT	ac20	5580	17.509
NVNT	ac20	5700	17.524
NVNT	ac40	5510	35.956
NVNT	ac40	5550	35.942
NVNT	ac40	5670	35.926
NVNT	ac80	5530	75.127
NVNT	ac80	5610	75.123

Test Graphs

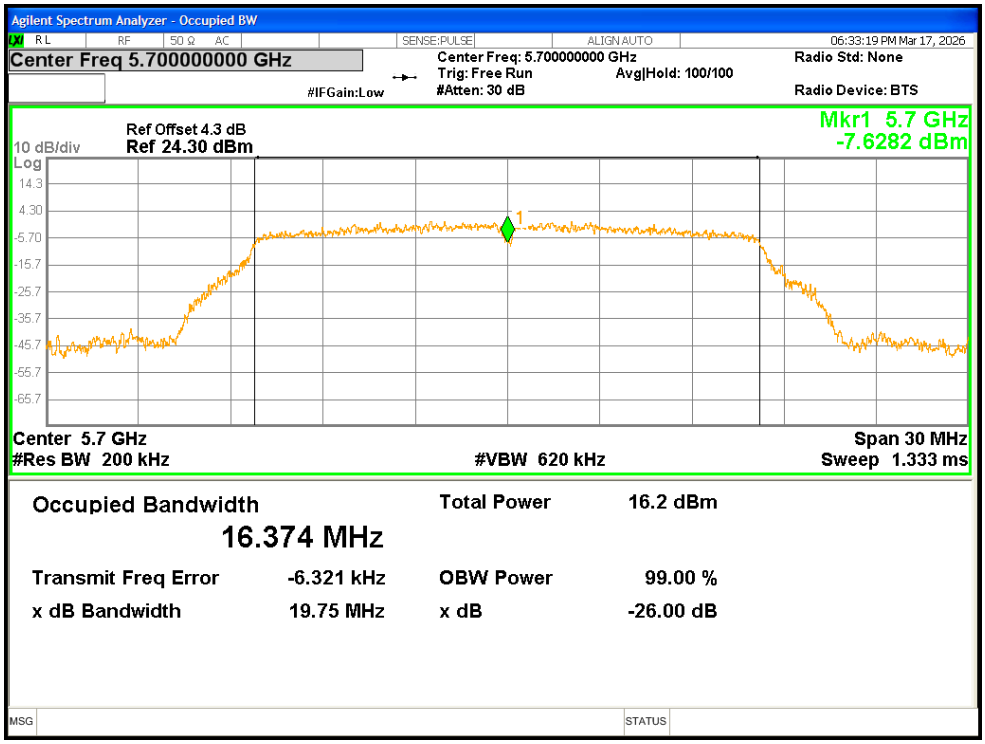
OBW NVNT a 5500MHz



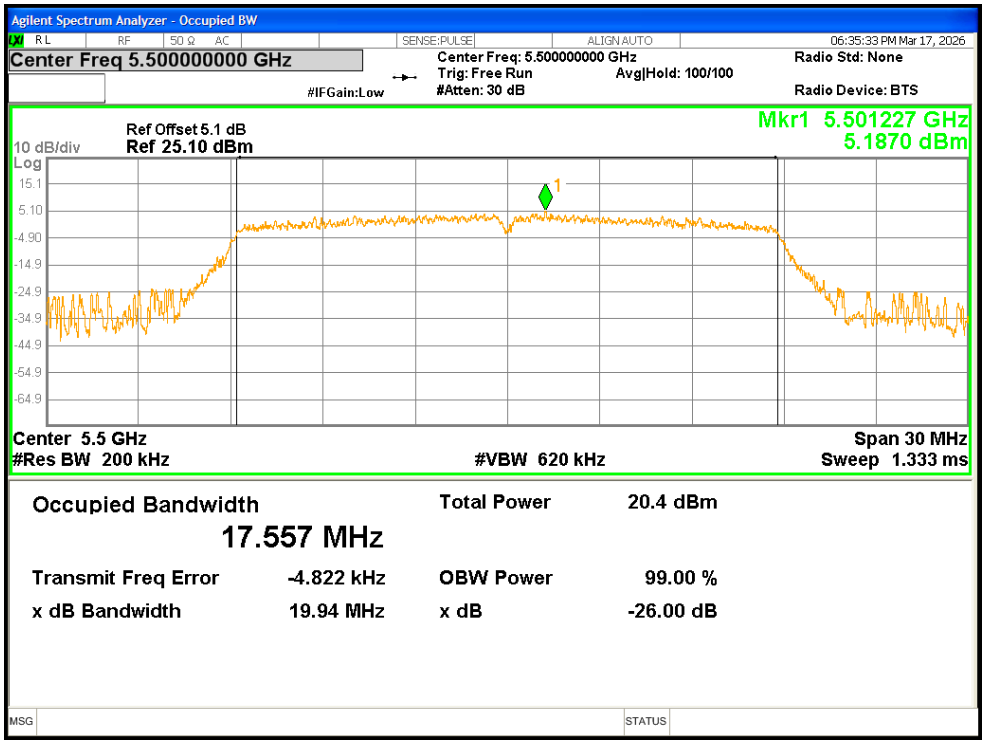
OBW NVNT a 5580MHz



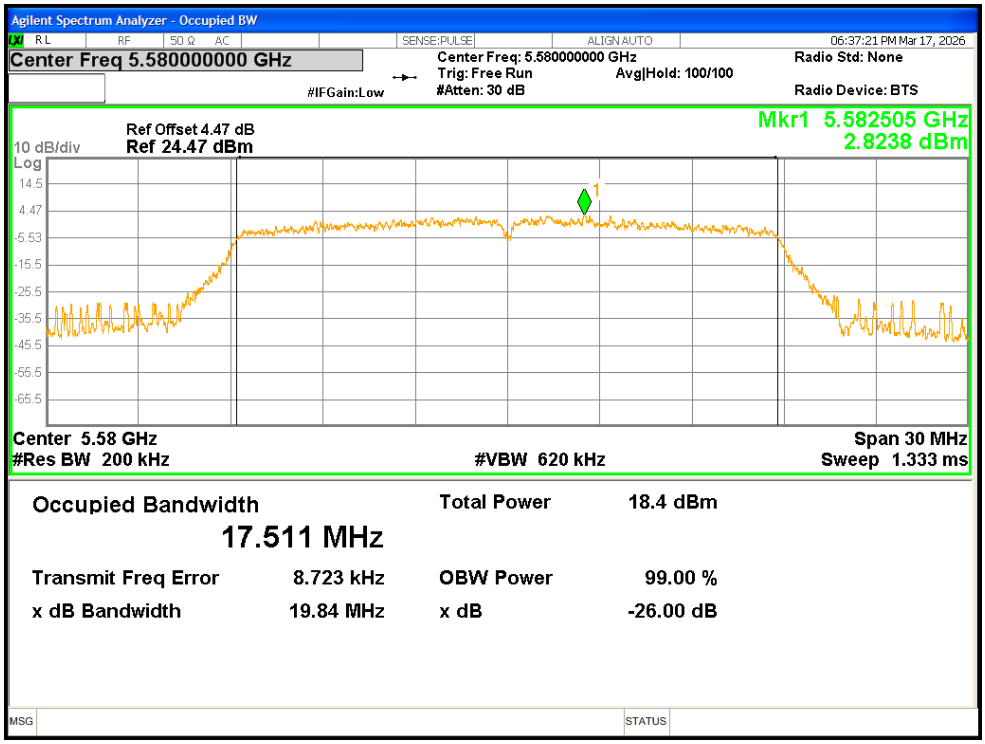
OBW NVNT a 5700MHz



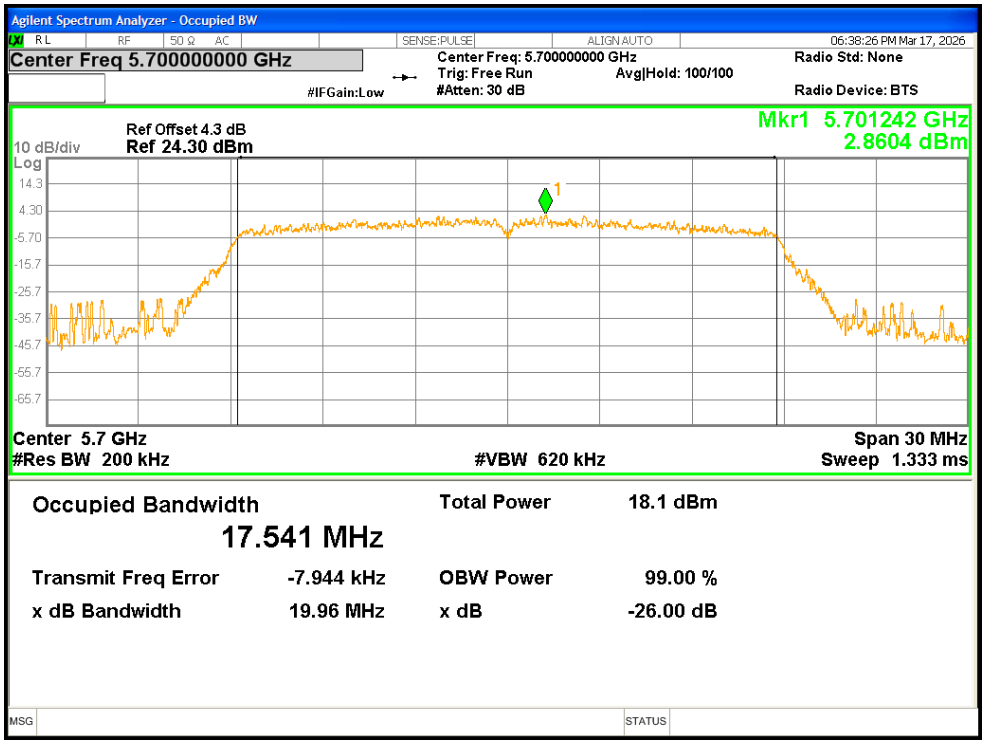
OBW NVNT n20 5500MHz



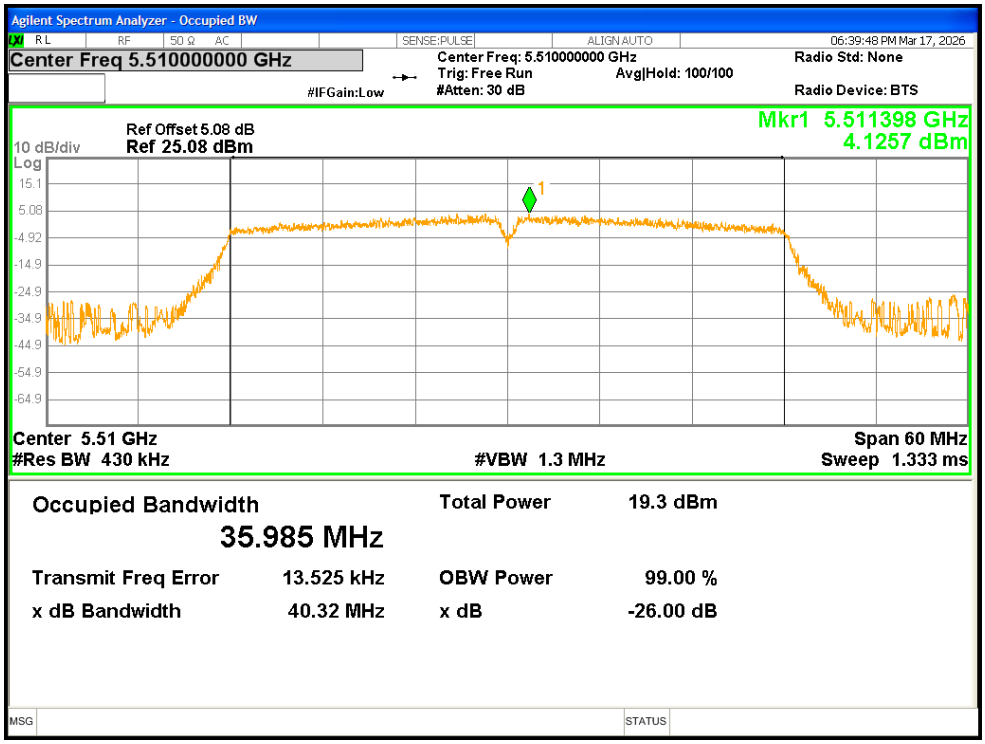
OBW NVNT n20 5580MHz



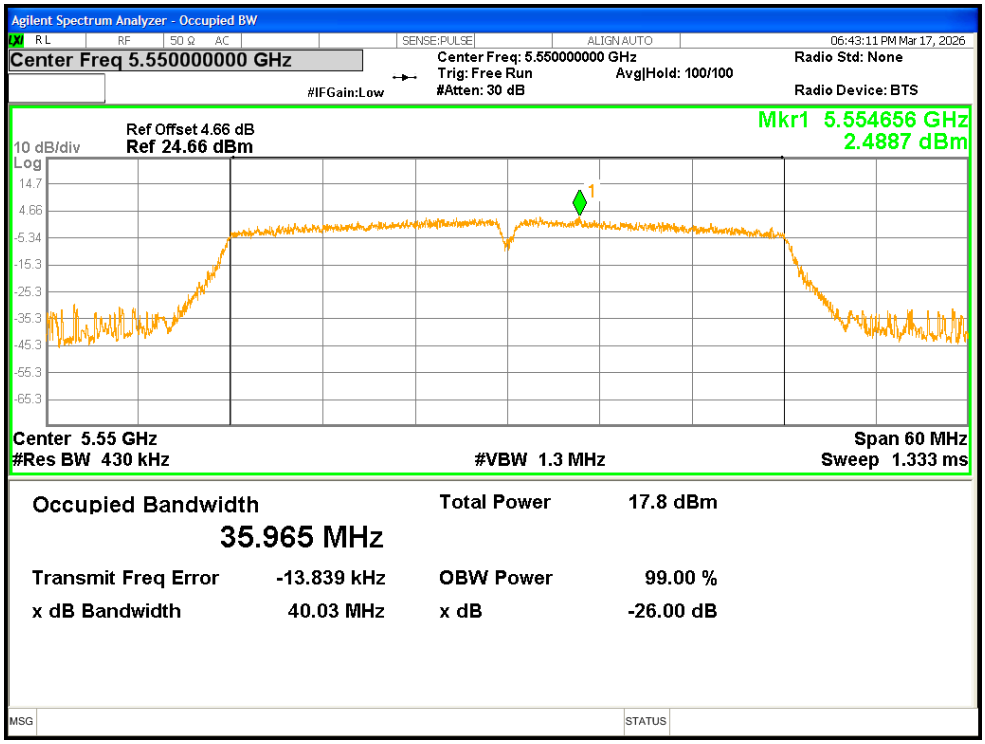
OBW NVNT n20 5700MHz



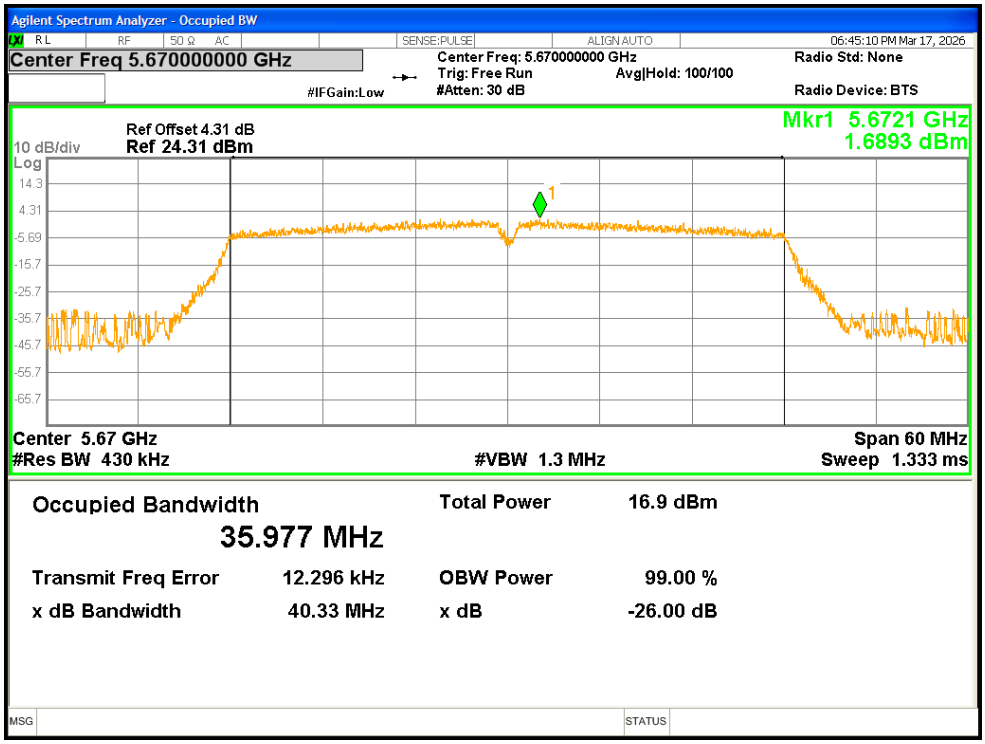
OBW NVNT n40 5510MHz



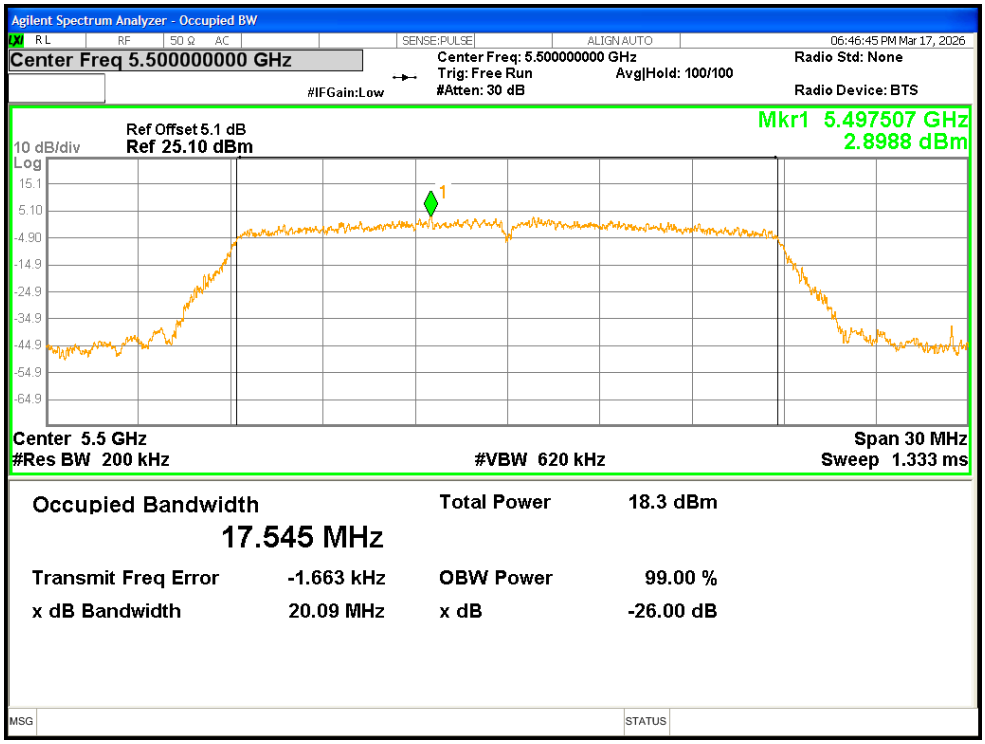
OBW NVNT n40 5550MHz



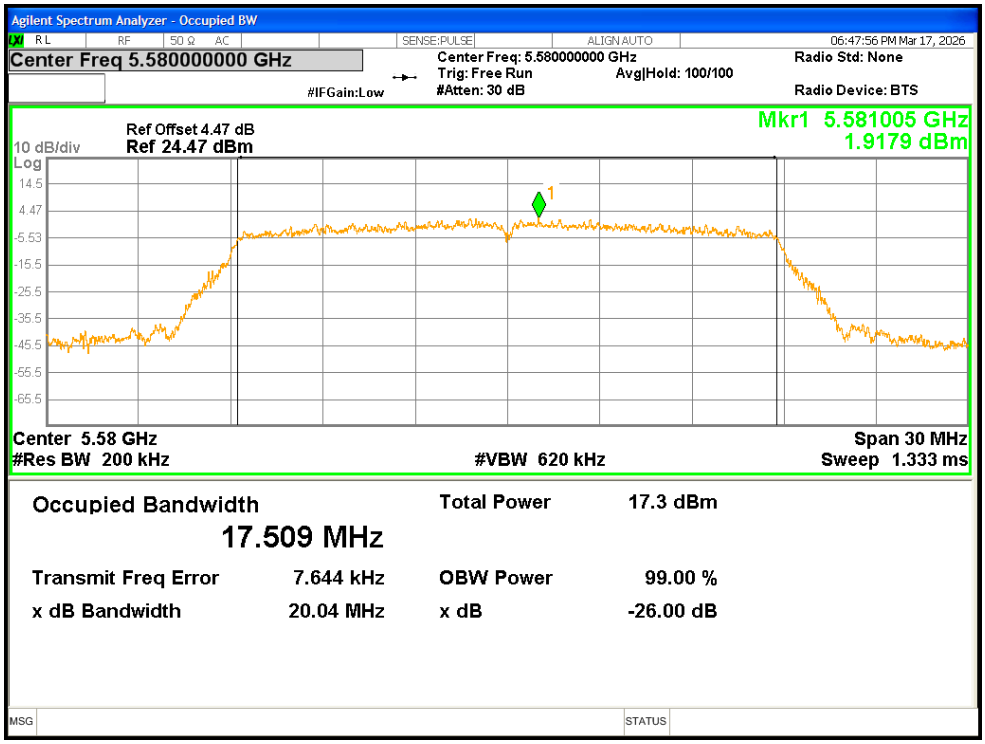
OBW NVNT n40 5670MHz



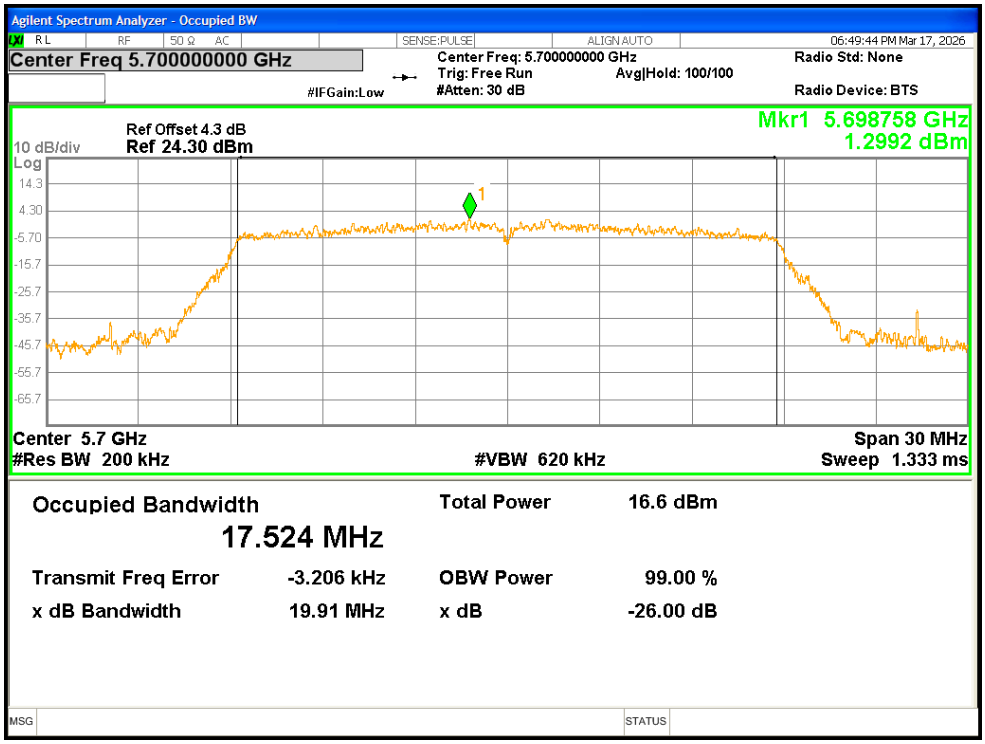
OBW NVNT ac20 5500MHz



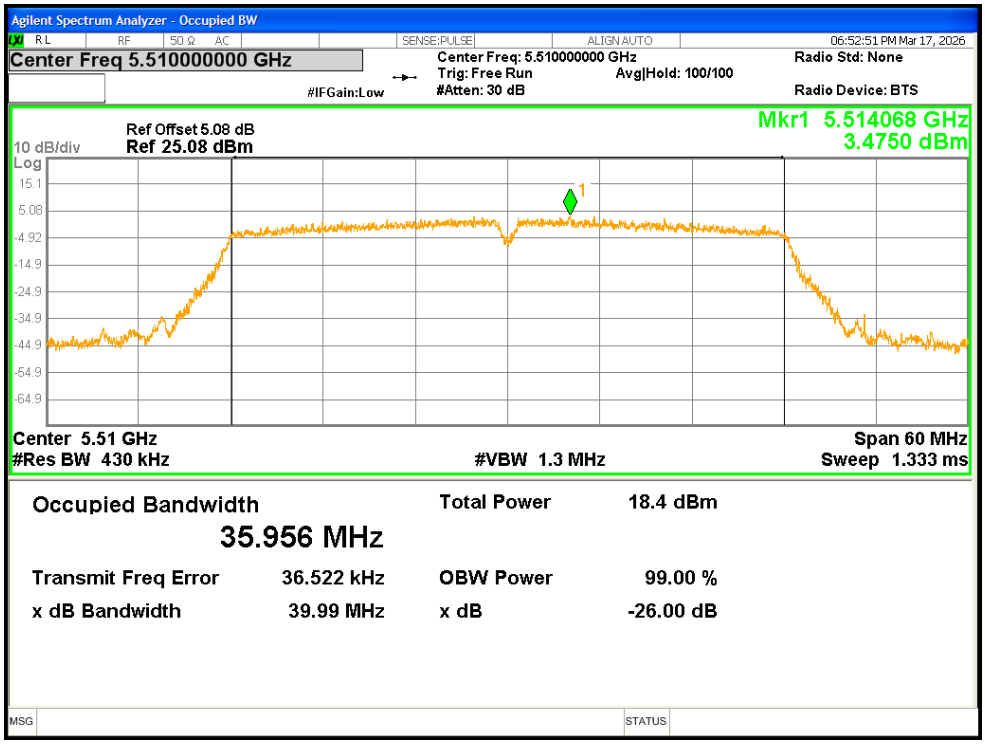
OBW NVNT ac20 5580MHz



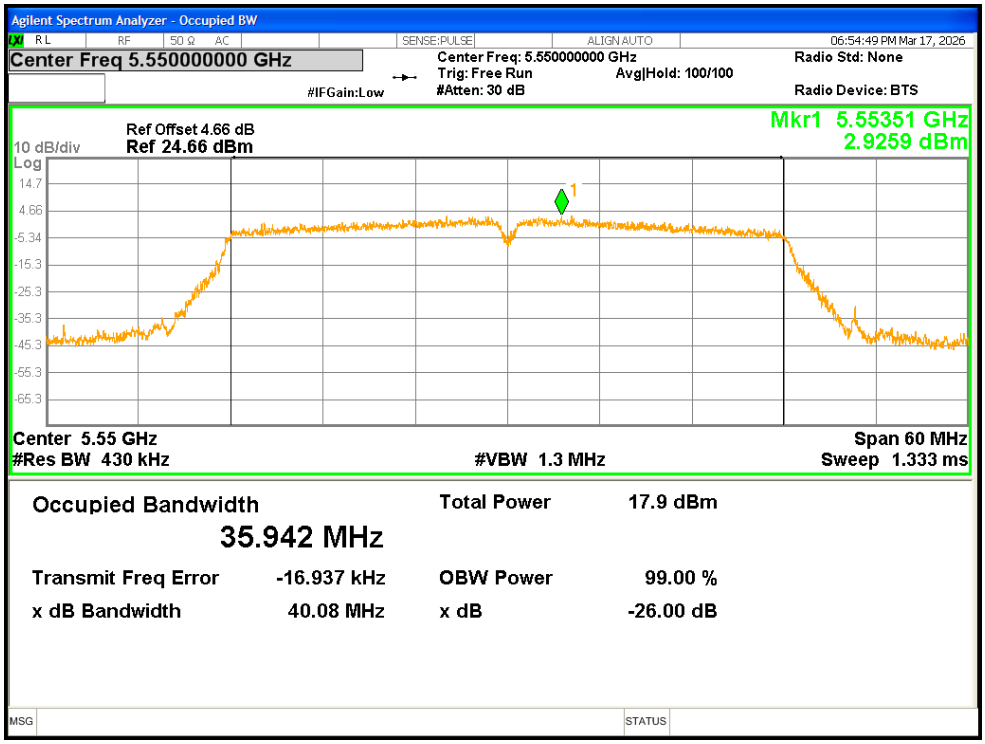
OBW NVNT ac20 5700MHz



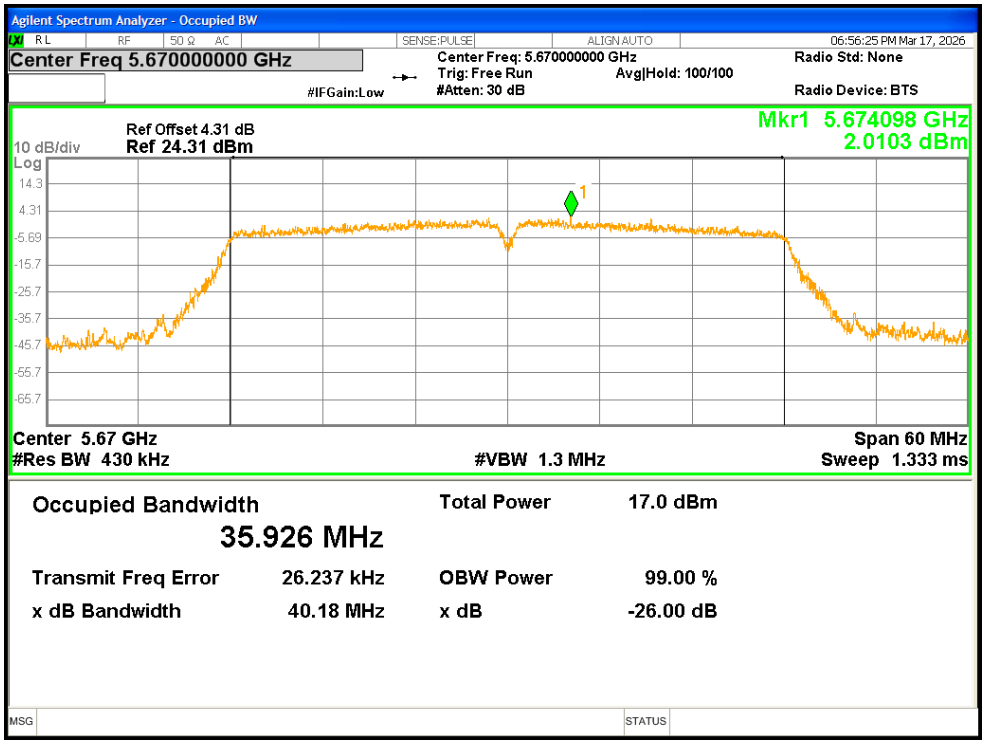
OBW NVNT ac40 5510MHz



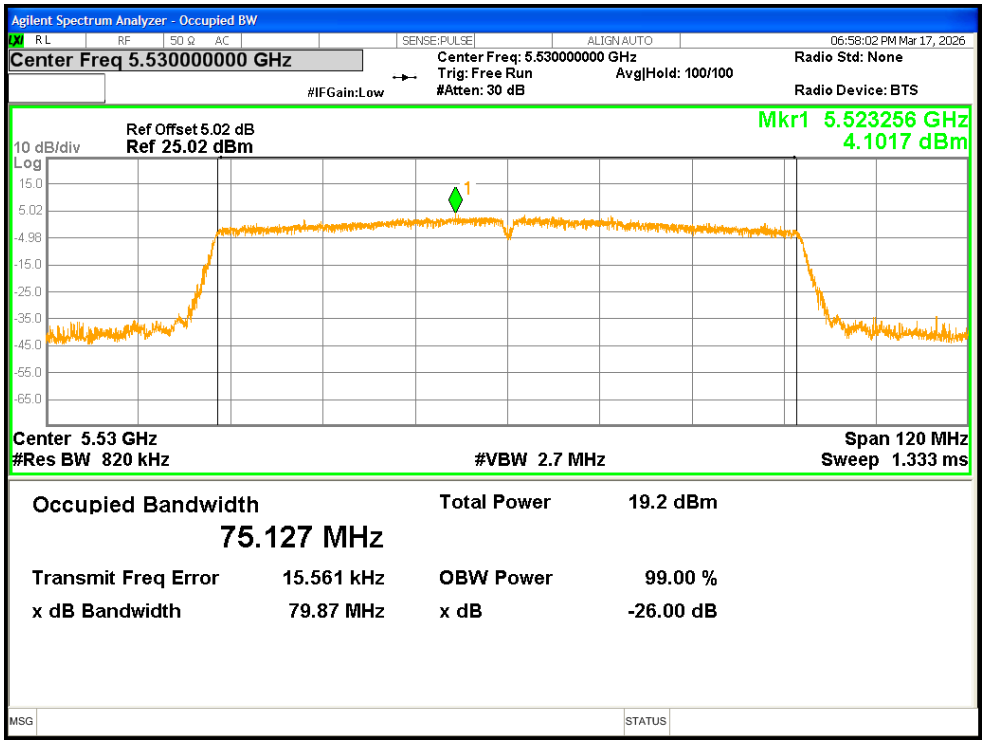
OBW NVNT ac40 5550MHz



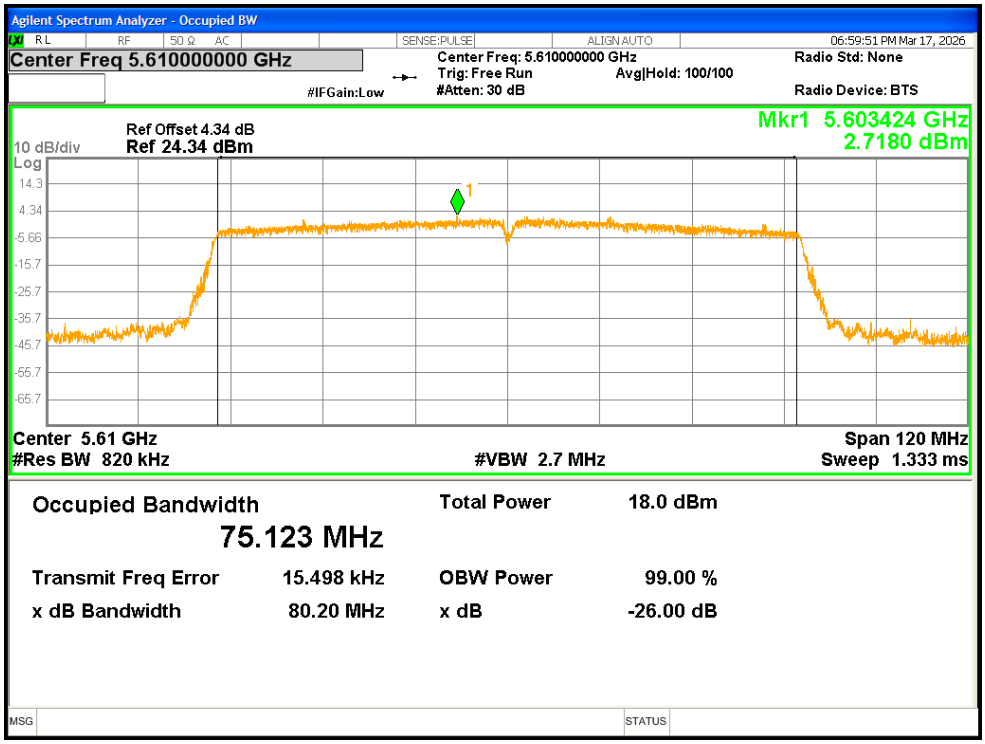
OBW NVNT ac40 5670MHz



OBW NVNT ac80 5530MHz



OBW NVNT ac80 5610MHz

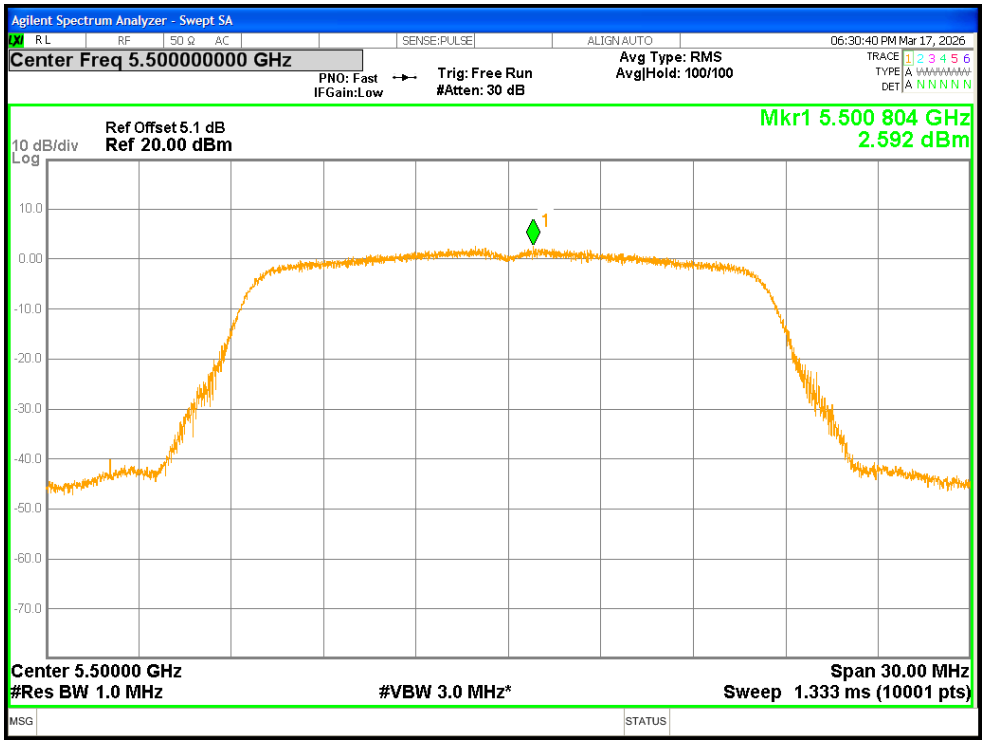


Maximum Power Spectral Density Level

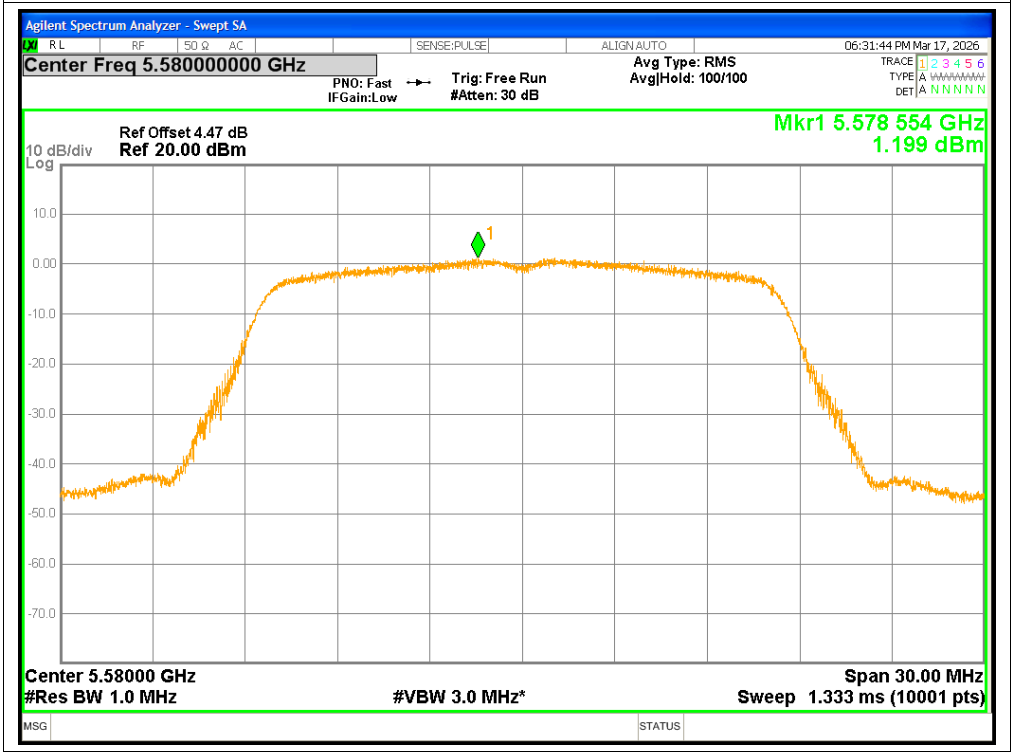
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	2.592	0.14	2.732	<=11	Pass
NVNT	a	5580	1.199	0.14	1.339	<=11	Pass
NVNT	a	5700	0.836	0.14	0.976	<=11	Pass
NVNT	n20	5500	3.961	0.14	4.101	<=11	Pass
NVNT	n20	5580	2.806	0.14	2.946	<=11	Pass
NVNT	n20	5700	2.374	0.14	2.514	<=11	Pass
NVNT	n40	5510	-0.317	0.29	-0.027	<=11	Pass
NVNT	n40	5550	-0.587	0.29	-0.297	<=11	Pass
NVNT	n40	5670	-1.628	0.29	-1.338	<=11	Pass
NVNT	ac20	5500	3.225	0.14	3.365	<=11	Pass
NVNT	ac20	5580	1.689	0.14	1.829	<=11	Pass
NVNT	ac20	5700	1.199	0.14	1.339	<=11	Pass
NVNT	ac40	5510	-0.225	0.28	0.055	<=11	Pass
NVNT	ac40	5550	-0.867	0.28	-0.587	<=11	Pass
NVNT	ac40	5670	-1.526	0.28	-1.246	<=11	Pass
NVNT	ac80	5530	-3.543	0.55	-2.993	<=11	Pass
NVNT	ac80	5610	-4.136	0.55	-3.586	<=11	Pass

Test Graphs

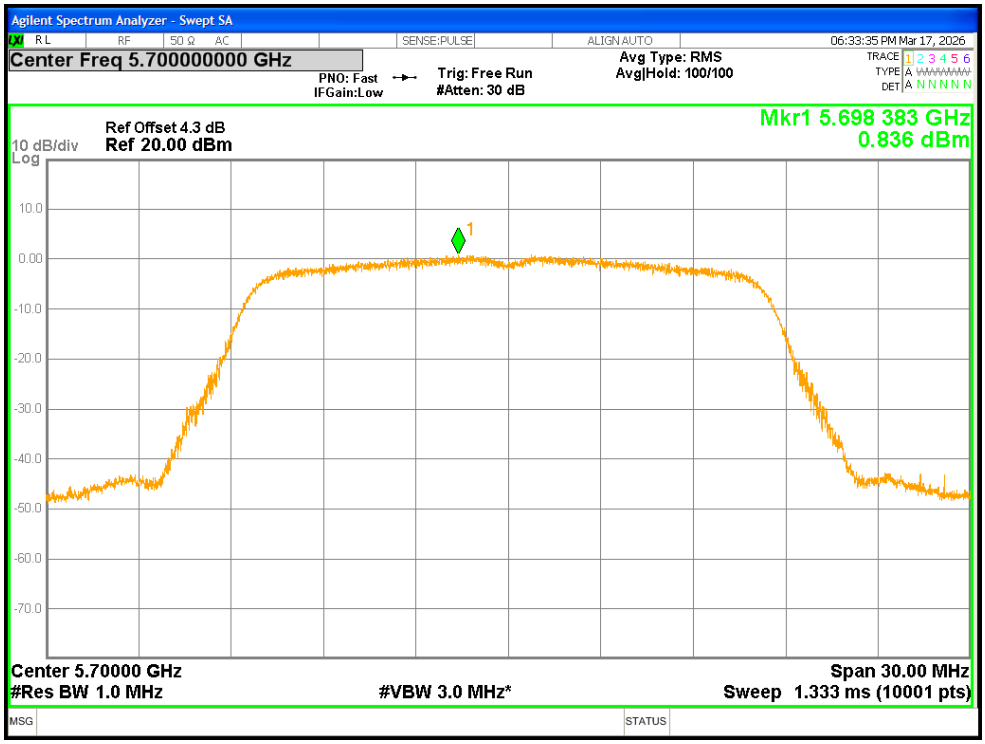
PSD NVNT a 5500MHz



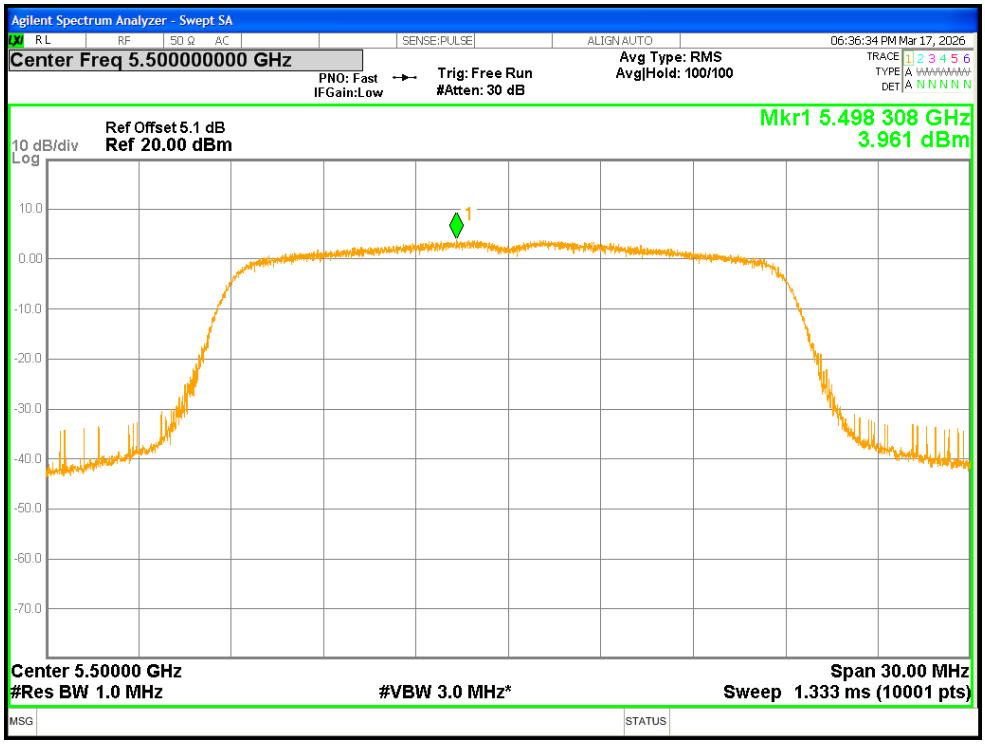
PSD NVNT a 5580MHz



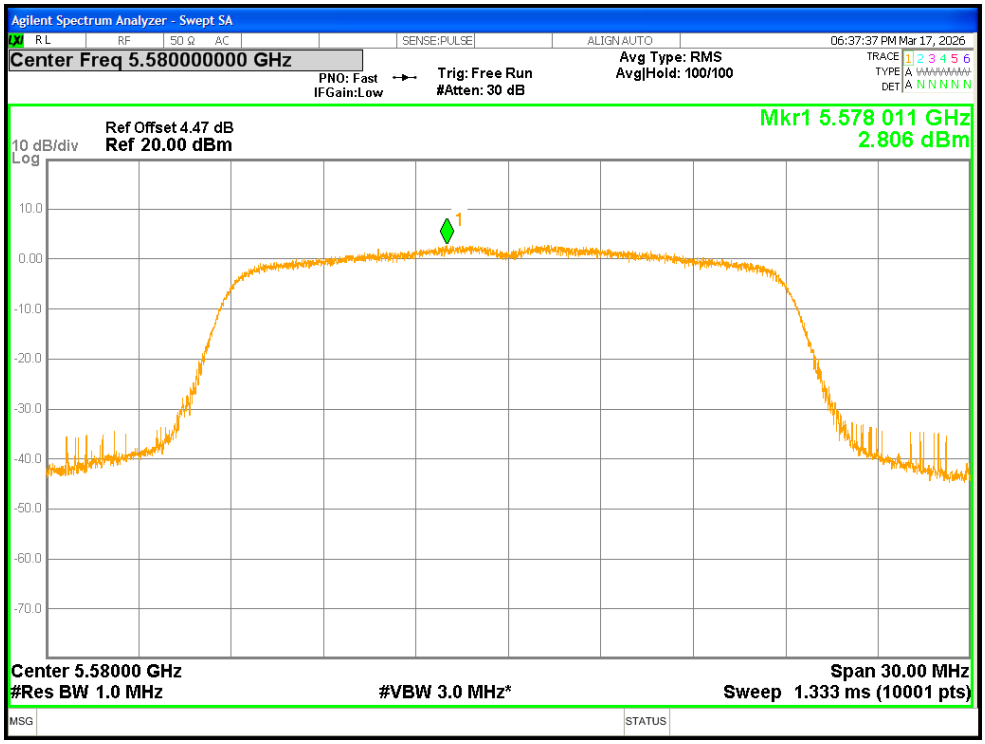
PSD NVNT a 5700MHz



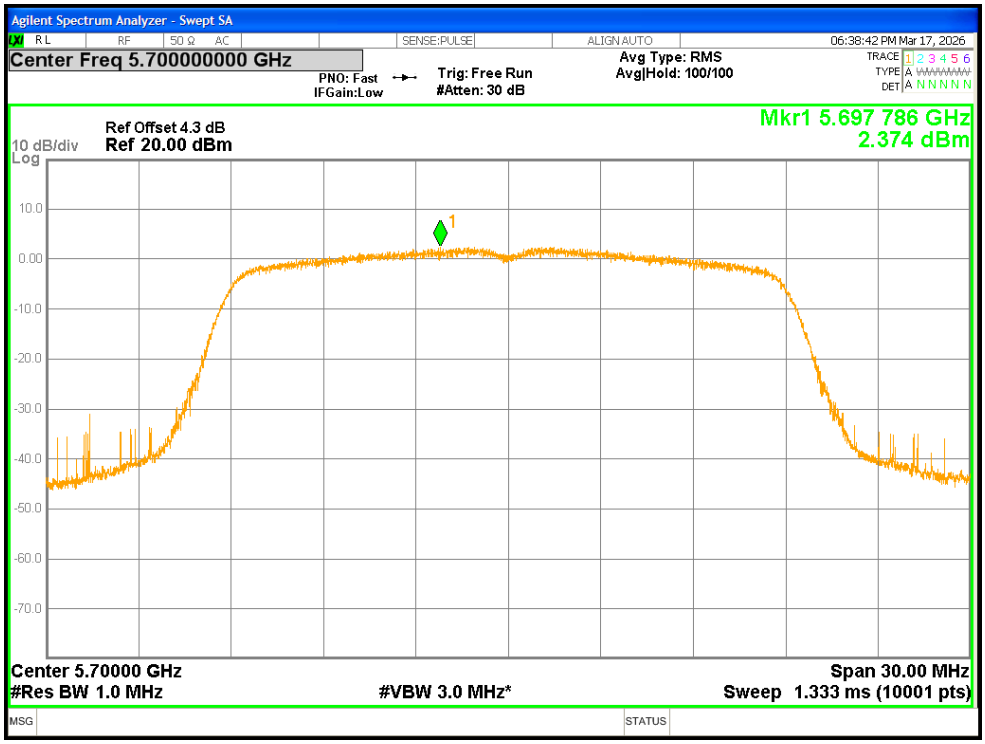
PSD NVNT n20 5500MHz



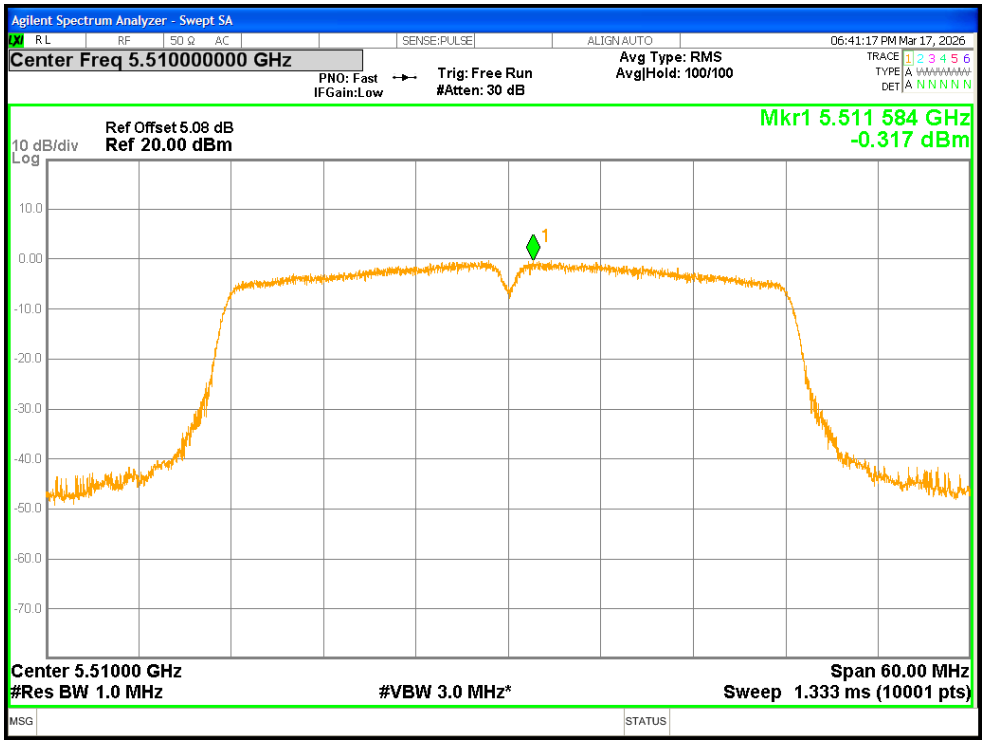
PSD NVNT n20 5580MHz



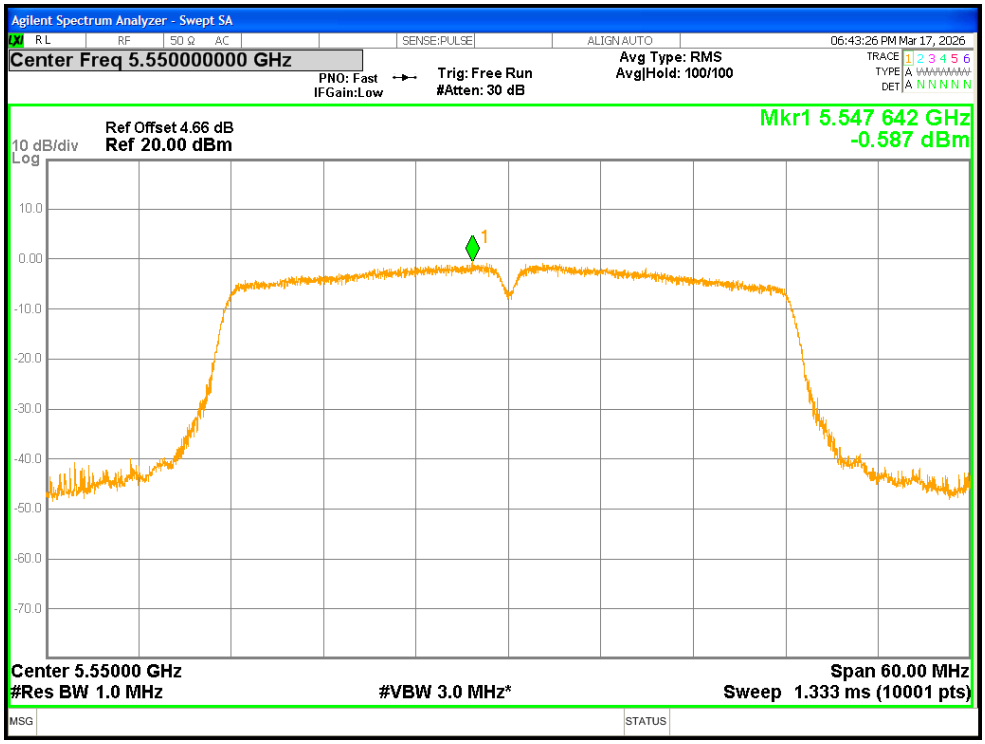
PSD NVNT n20 5700MHz



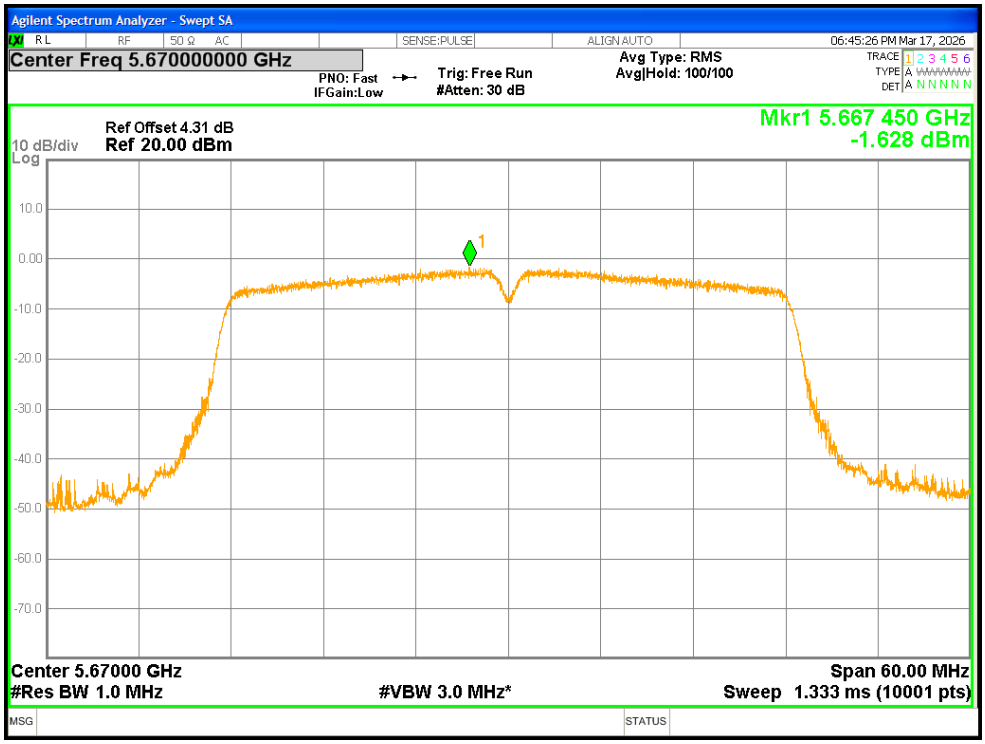
PSD NVNT n40 5510MHz



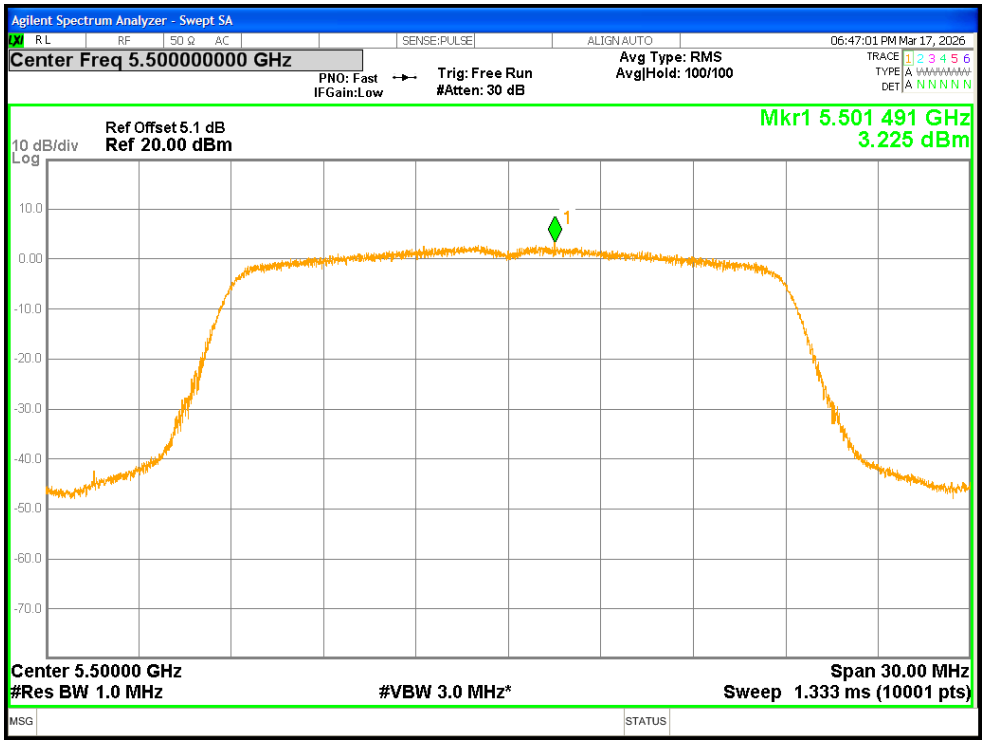
PSD NVNT n40 5550MHz



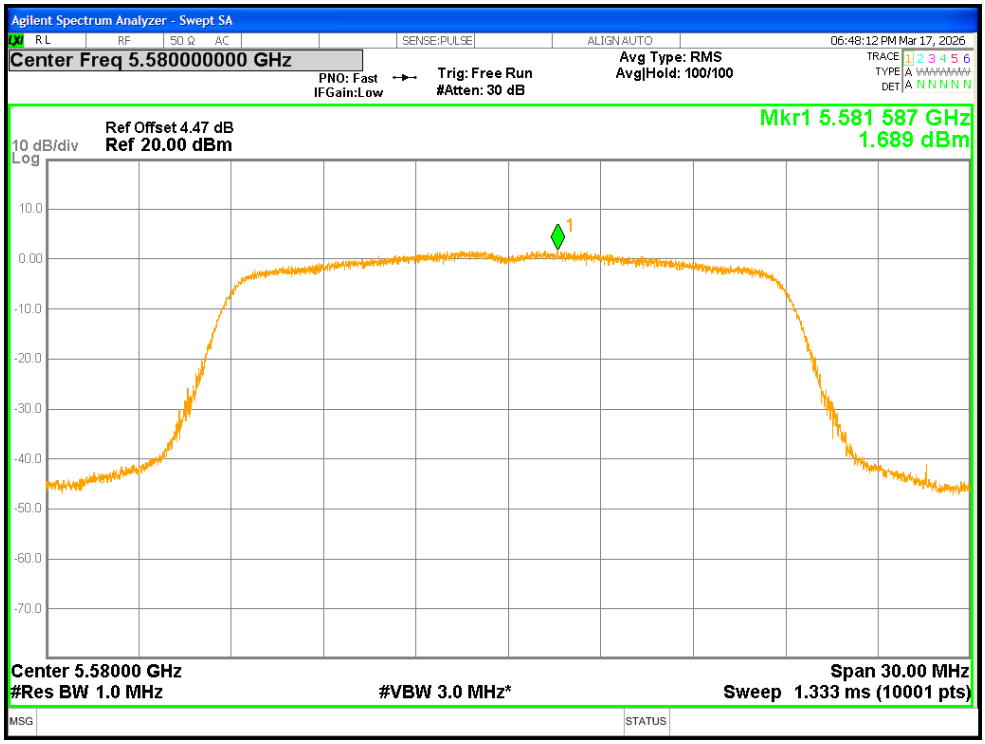
PSD NVNT n40 5670MHz



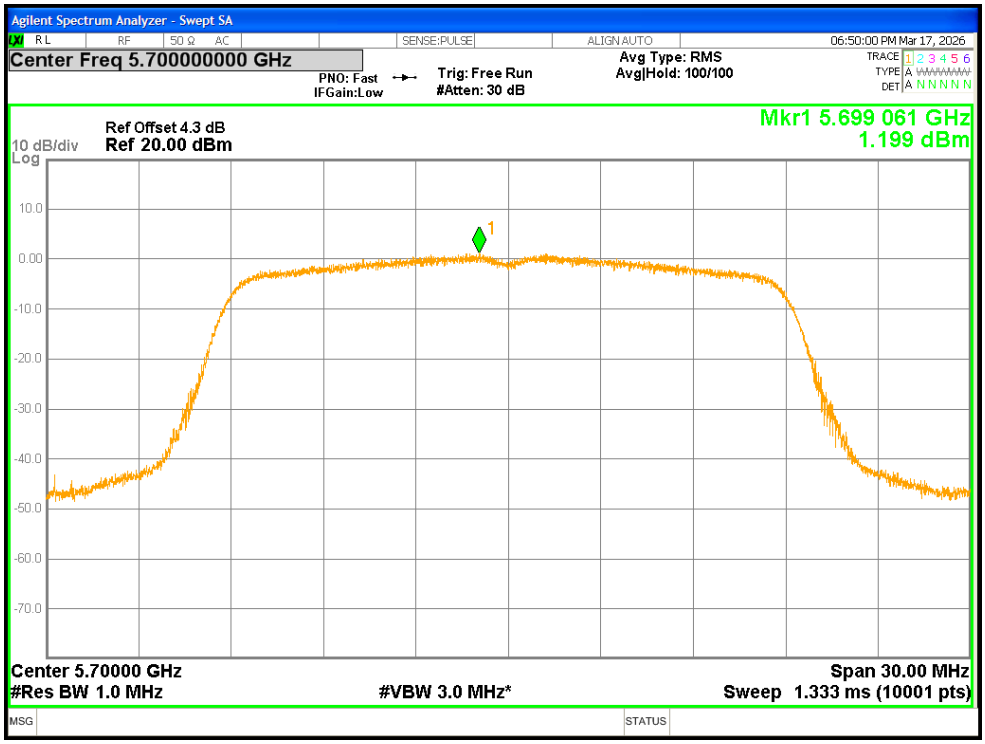
PSD NVNT ac20 5500MHz



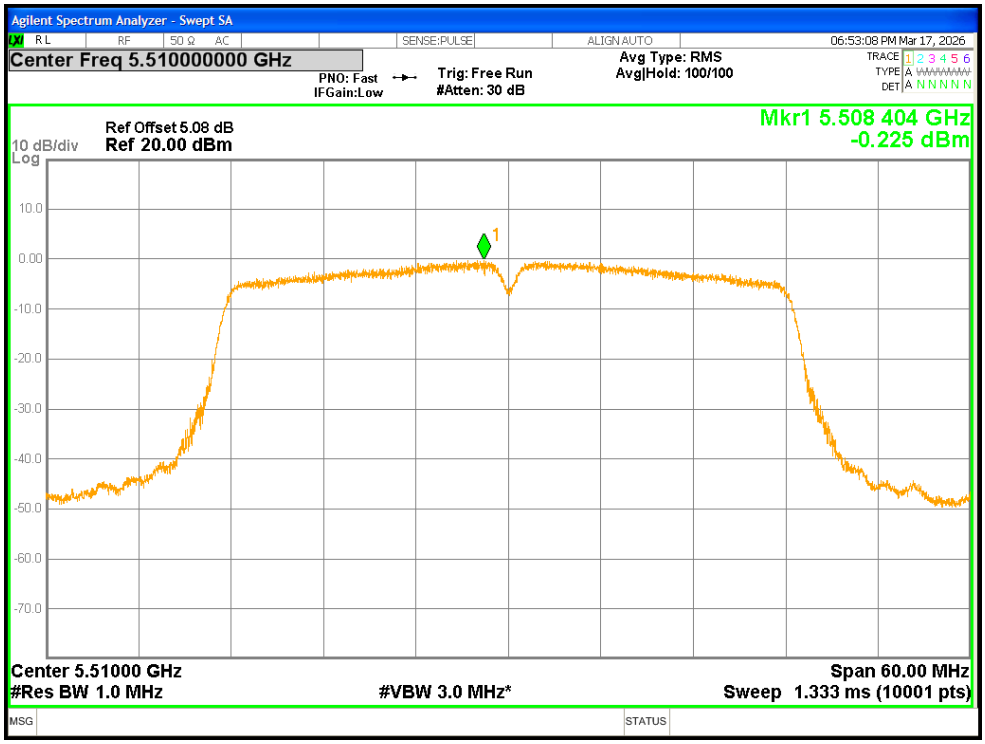
PSD NVNT ac20 5580MHz



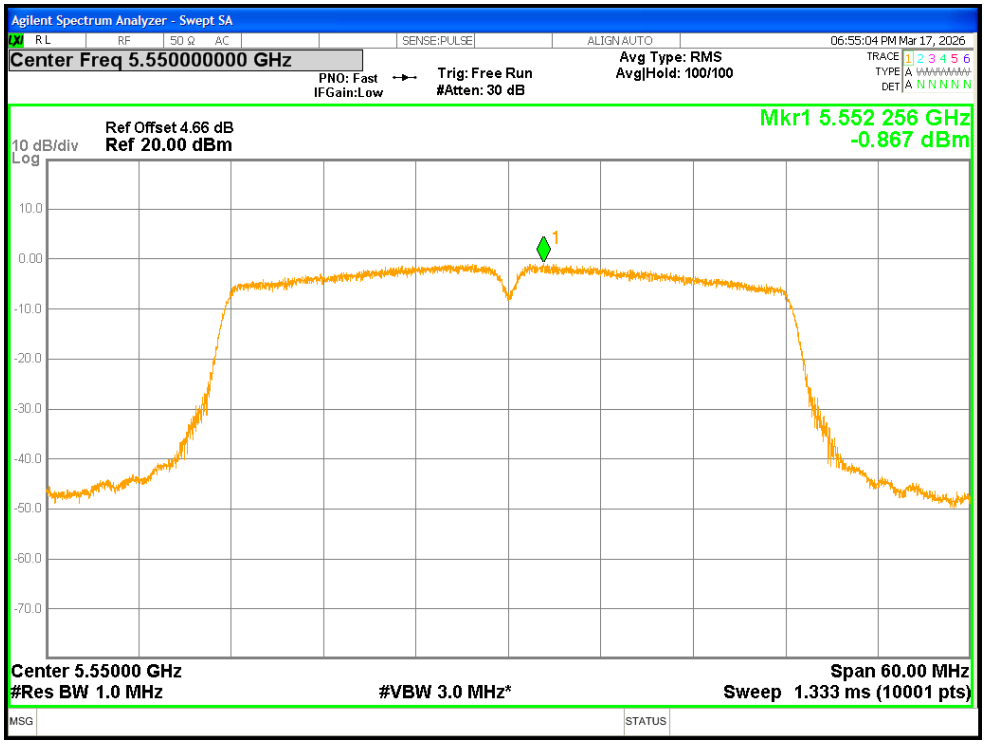
PSD NVNT ac20 5700MHz



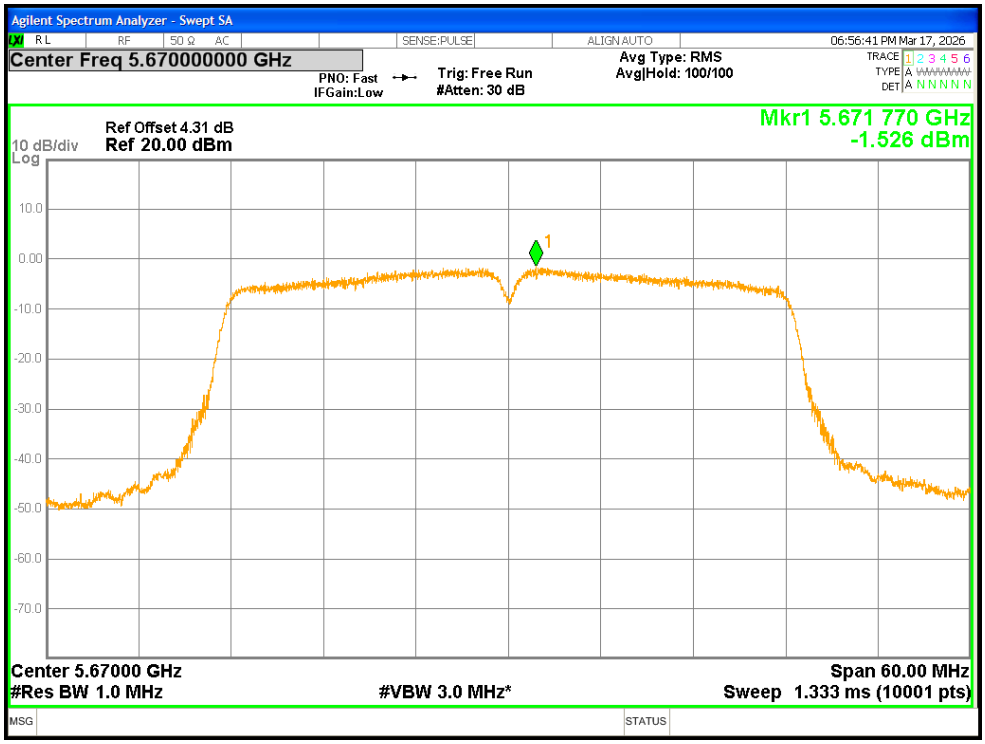
PSD NVNT ac40 5510MHz



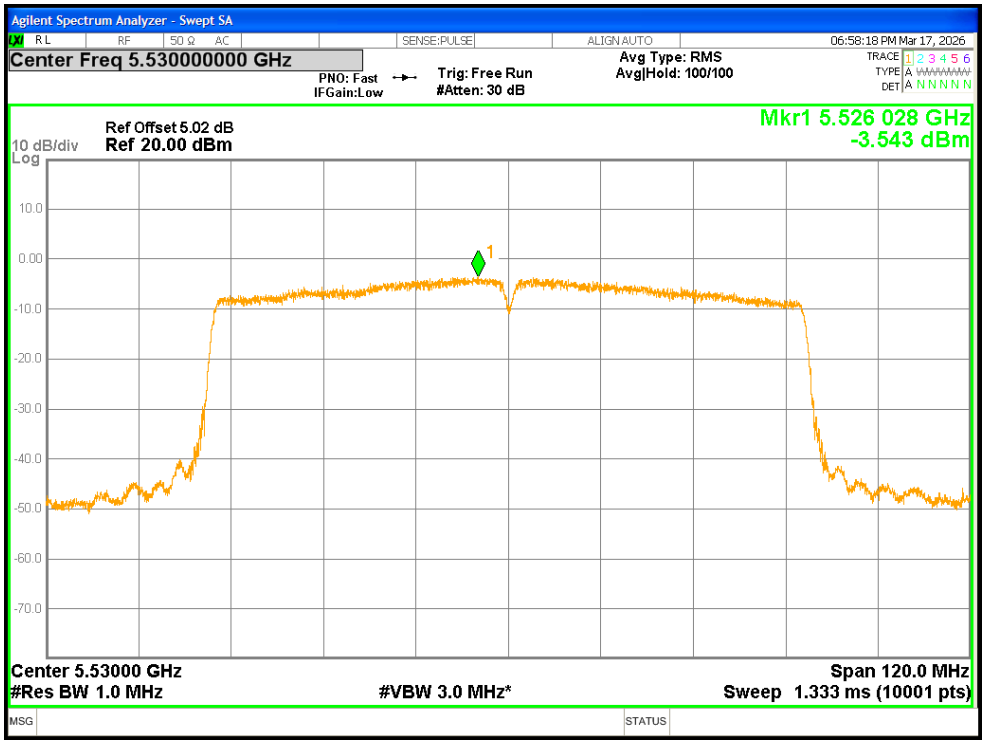
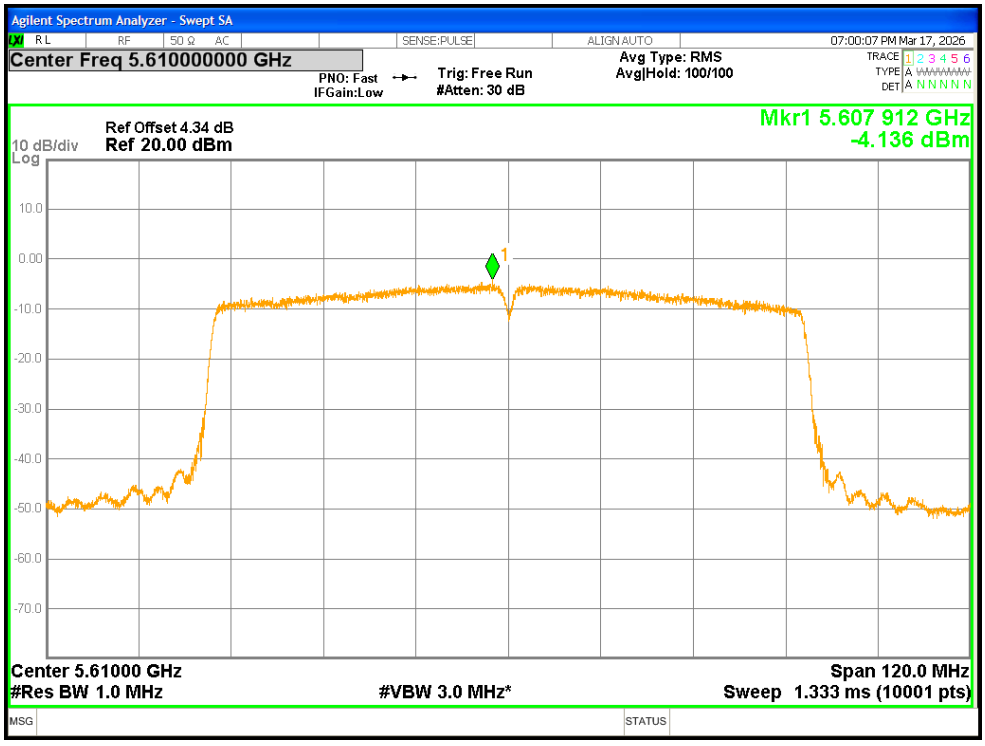
PSD NVNT ac40 5550MHz



PSD NVNT ac40 5670MHz



PSD NVNT ac80 5530MHz



PSD NVNT ac80 5610MHz