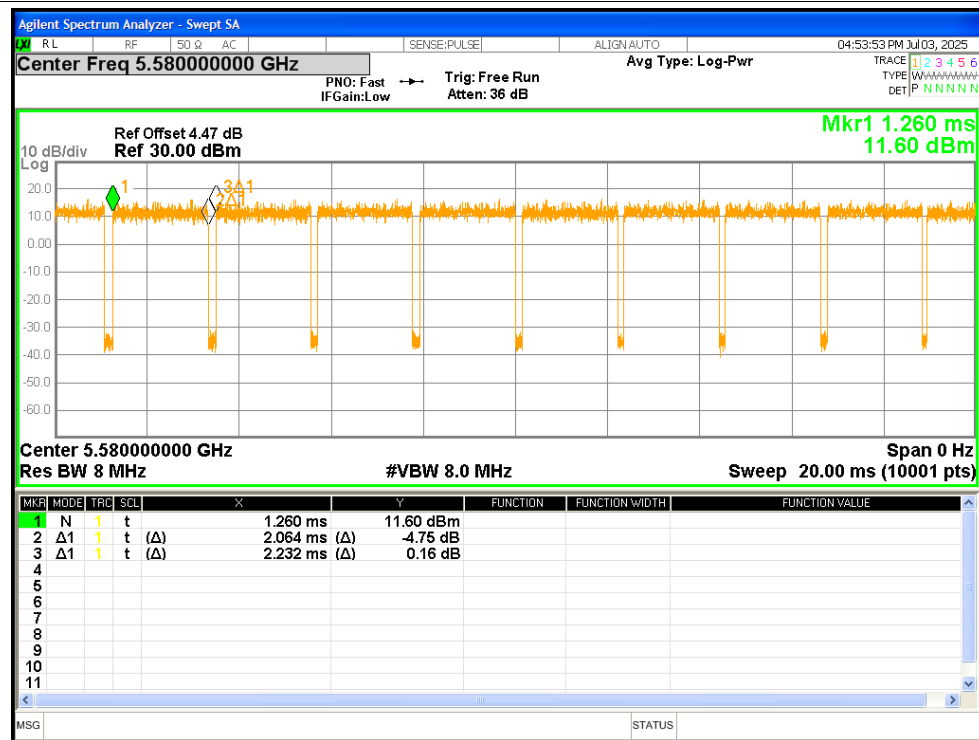


Duty Cycle

Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	2.064	2.222	92.89	0.32	0.48
NVNT	a	5580	2.064	2.232	92.47	0.34	0.48
NVNT	a	5700	2.064	2.242	92.06	0.36	0.48
NVNT	n20	5500	1.922	2.116	90.83	0.42	0.52
NVNT	n20	5580	1.92	2.132	90.06	0.45	0.52
NVNT	n20	5700	1.92	2.114	90.82	0.42	0.52
NVNT	n40	5510	0.945	1.157	81.68	0.88	1.06
NVNT	n40	5550	0.944	1.148	82.23	0.85	1.06
NVNT	n40	5670	0.944	1.139	82.88	0.82	1.06



Duty Cycle NVNT n20 5580MHz

Duty Cycle NVNT n40 5510MHz

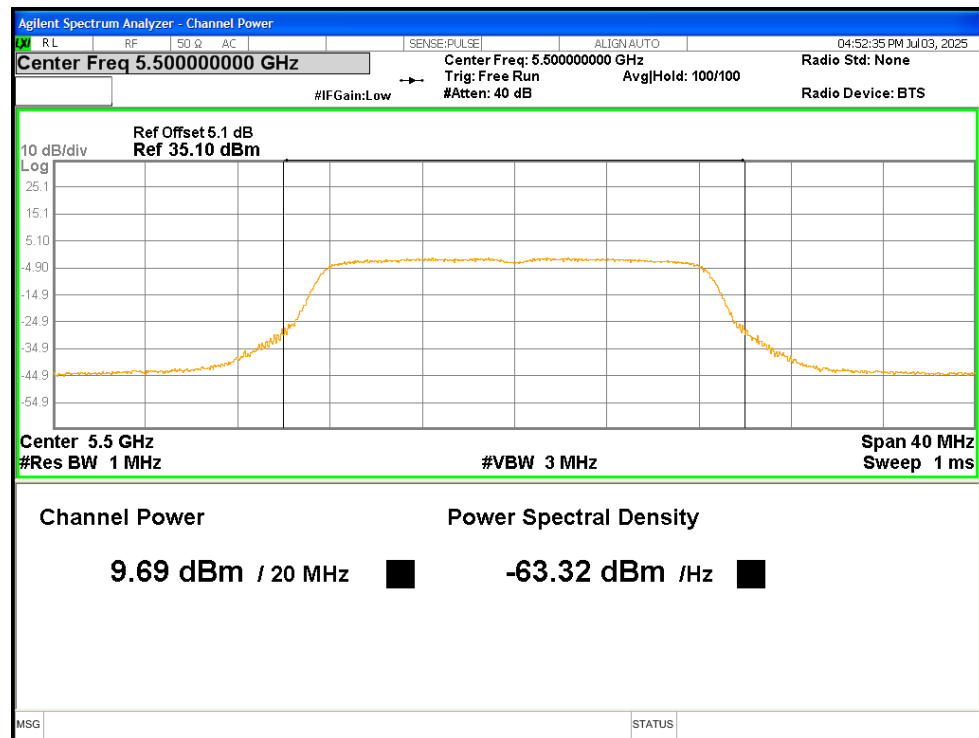
Duty Cycle NVNT n40 5670MHz

Maximum Conducted Output Power

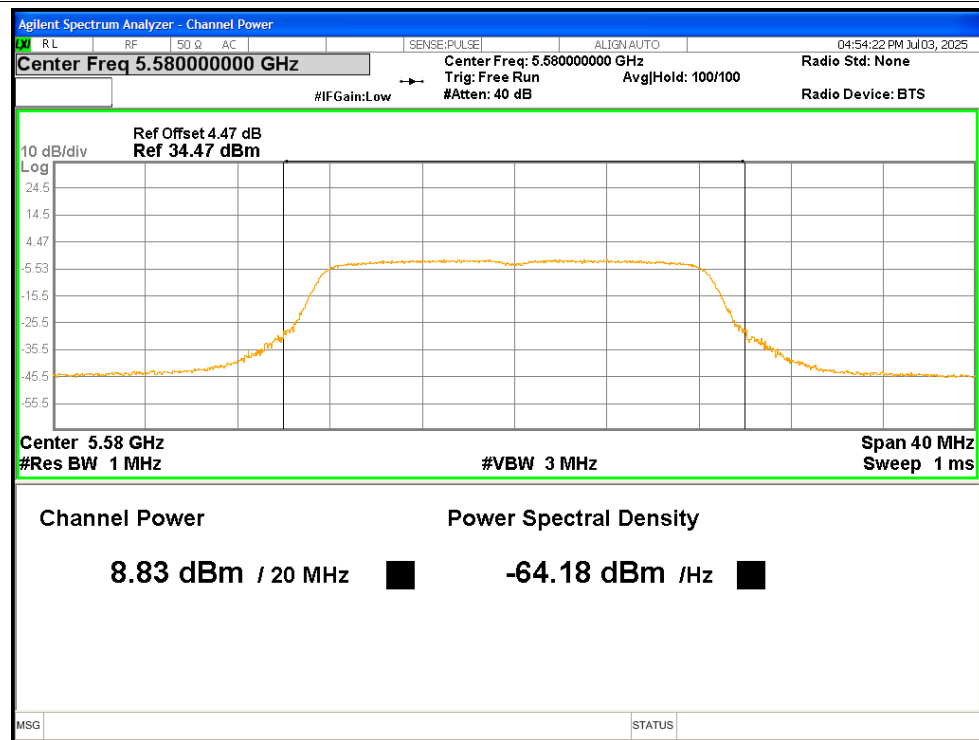
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	9.69	0.32	10.01	<=23.99	Pass
NVNT	a	5580	8.83	0.34	9.17	<=24	Pass
NVNT	a	5700	7.72	0.36	8.08	<=24	Pass
NVNT	n20	5500	9.68	0.42	10.1	<=24	Pass
NVNT	n20	5580	8.52	0.45	8.97	<=24	Pass
NVNT	n20	5700	7.59	0.42	8.01	<=24	Pass
NVNT	n40	5510	9.2	0.88	10.08	<=24	Pass
NVNT	n40	5550	8.74	0.85	9.59	<=24	Pass
NVNT	n40	5670	7.62	0.82	8.44	<=24	Pass

Test Graphs

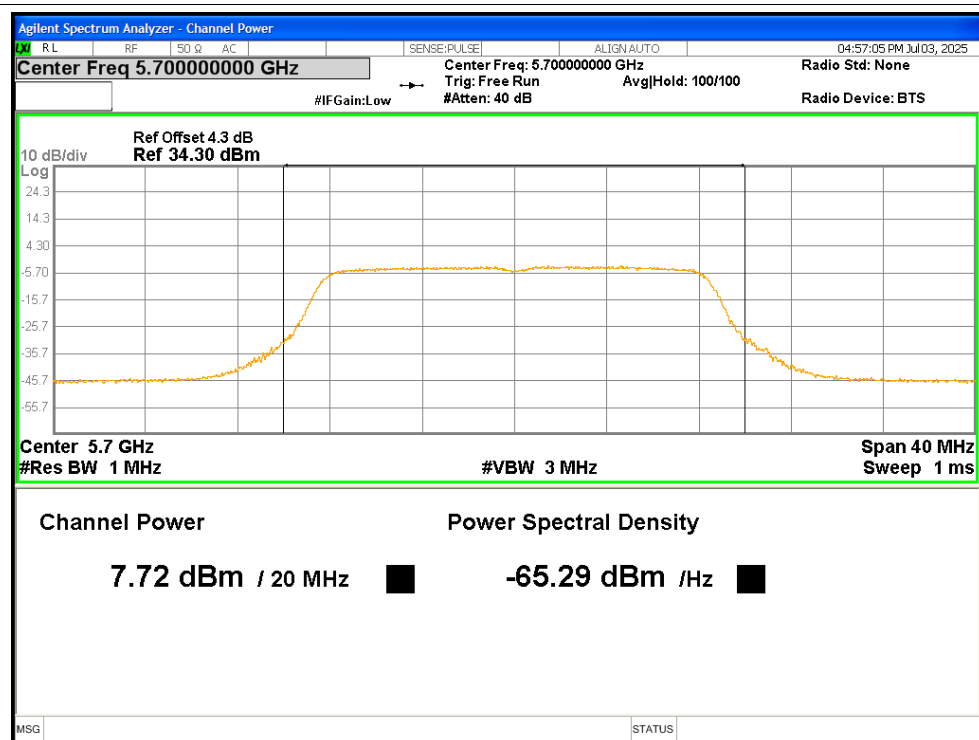
Power NVNT a 5500MHz



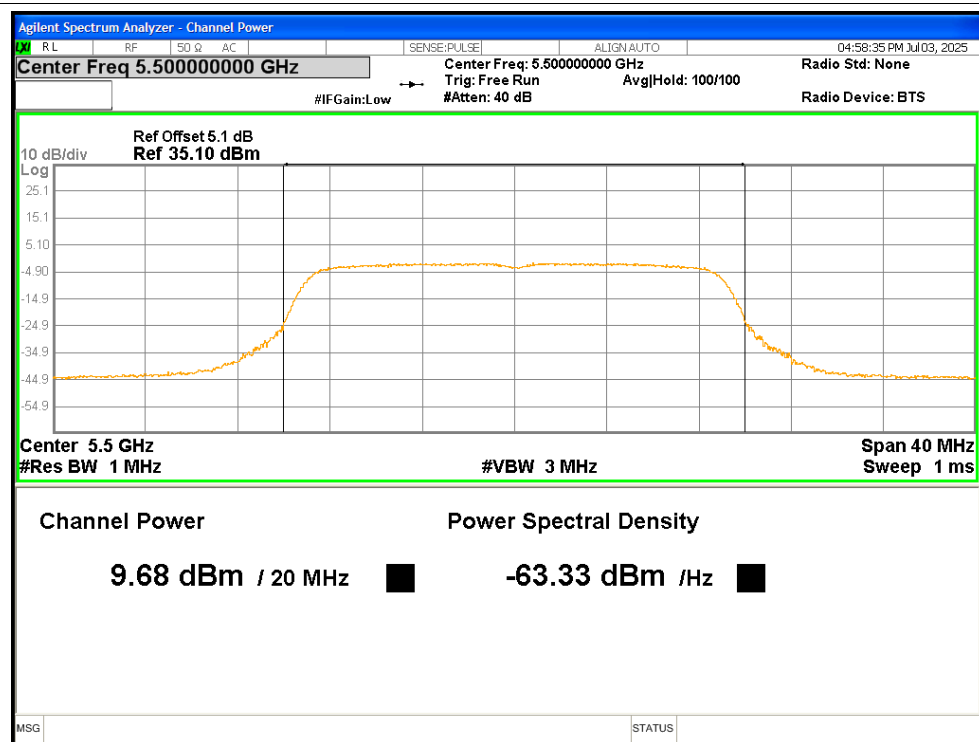
Power NVNT a 5580MHz



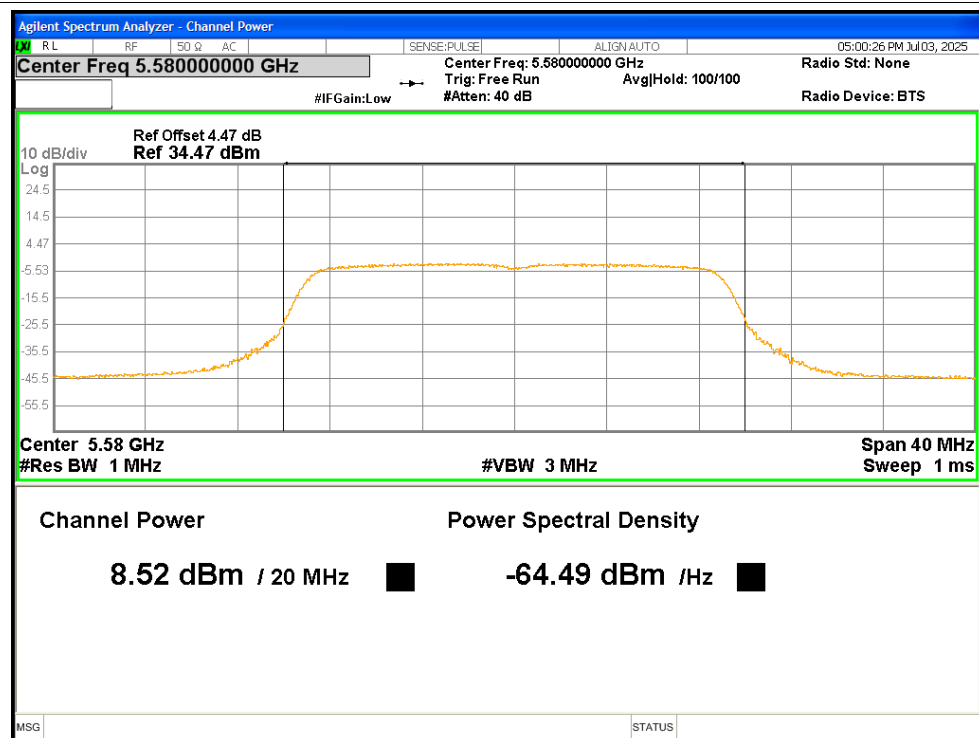
Power NVNT a 5700MHz



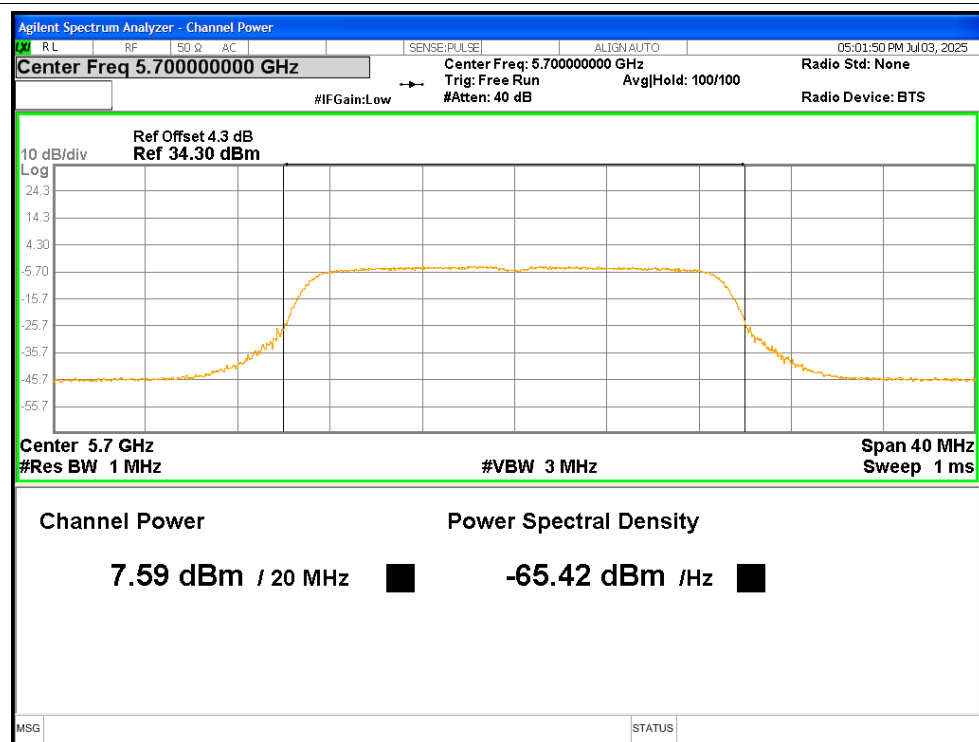
Power NVNT n20 5500MHz



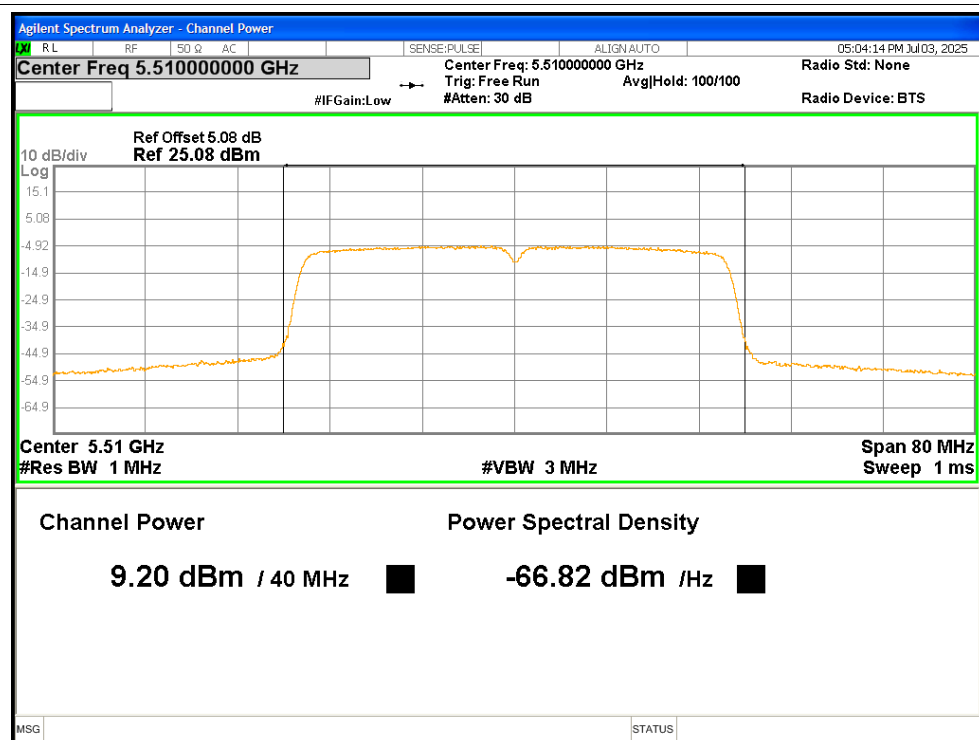
Power NVNT n20 5580MHz



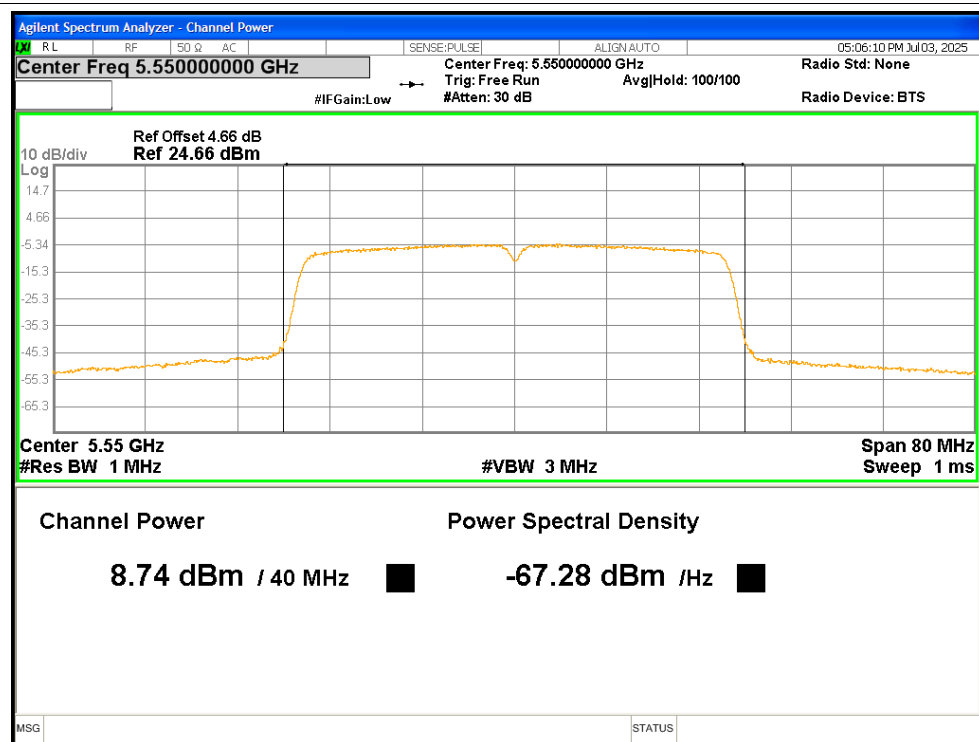
Power NVNT n20 5700MHz

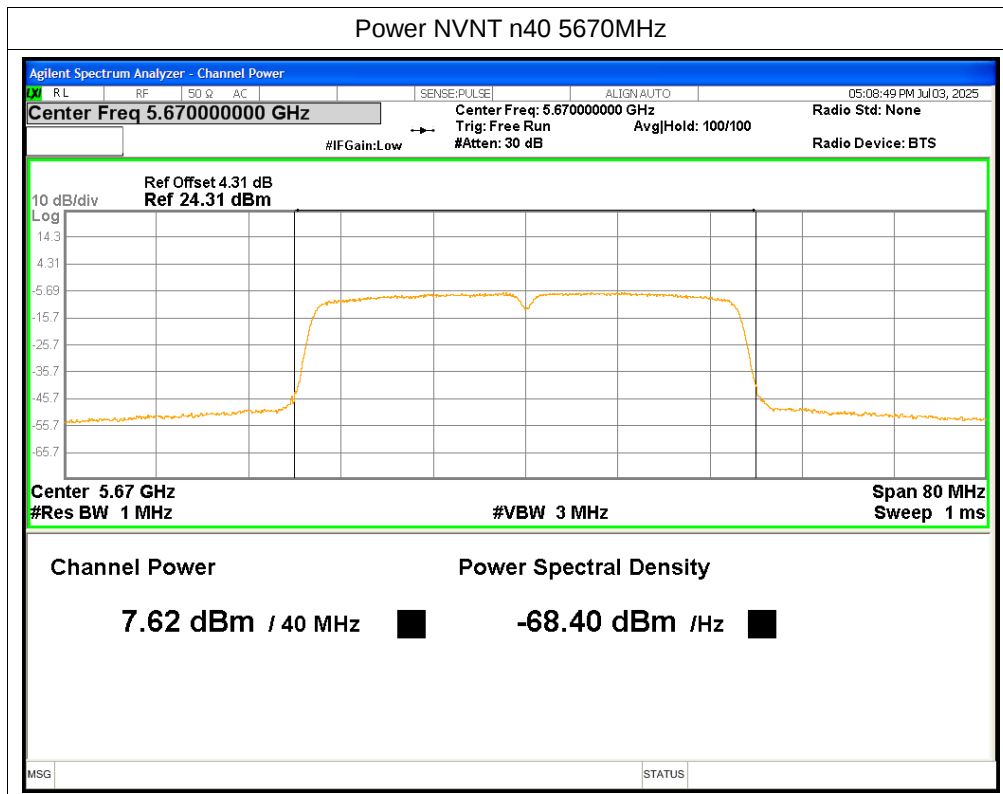


Power NVNT n40 5510MHz



Power NVNT n40 5550MHz



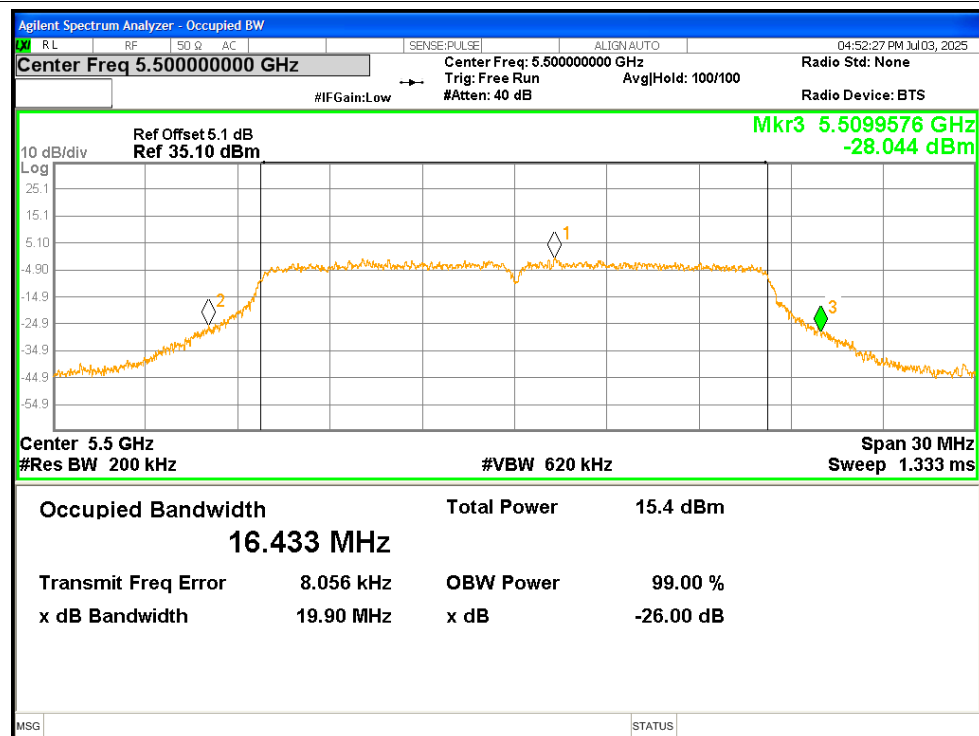


-26dB Bandwidth

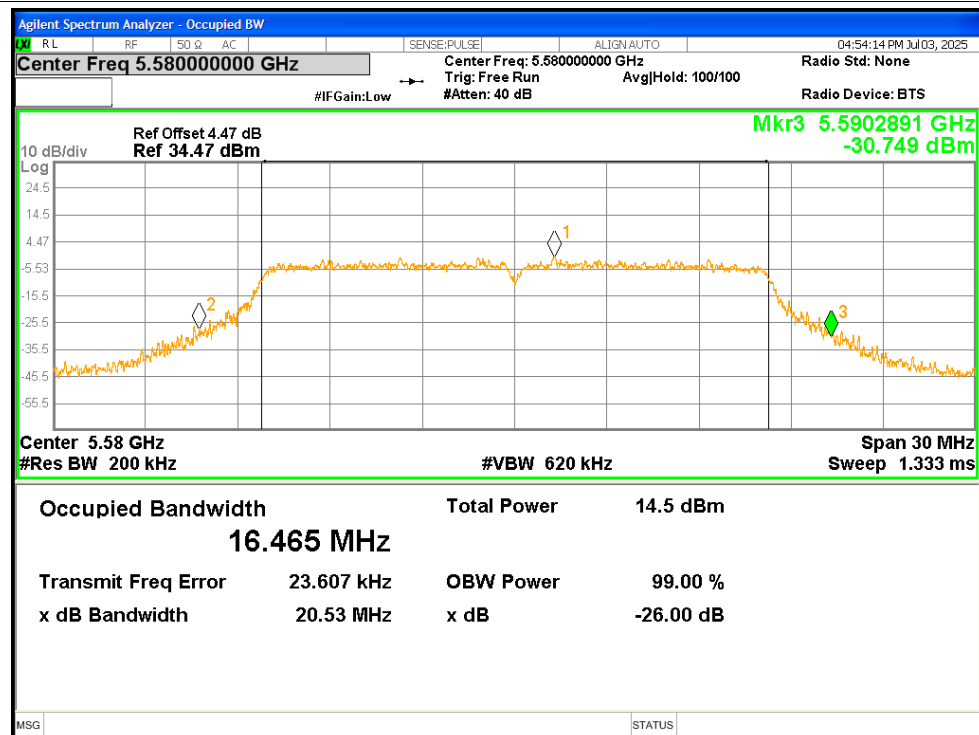
Condition	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	19.8991	Pass
NVNT	a	5580	20.5309	Pass
NVNT	a	5700	20.083	Pass
NVNT	n20	5500	20.6854	Pass
NVNT	n20	5580	20.5288	Pass
NVNT	n20	5700	21.3238	Pass
NVNT	n40	5510	38.1476	Pass
NVNT	n40	5550	38.2799	Pass
NVNT	n40	5670	38.3196	Pass

Test Graphs

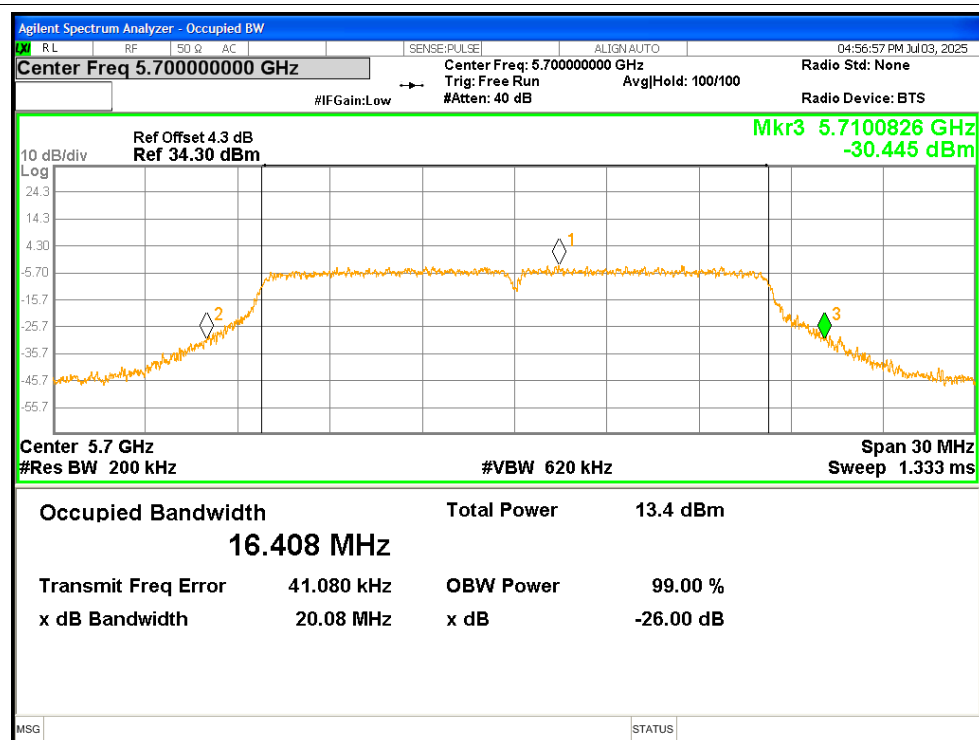
-26dB Bandwidth NVNT a 5500MHz



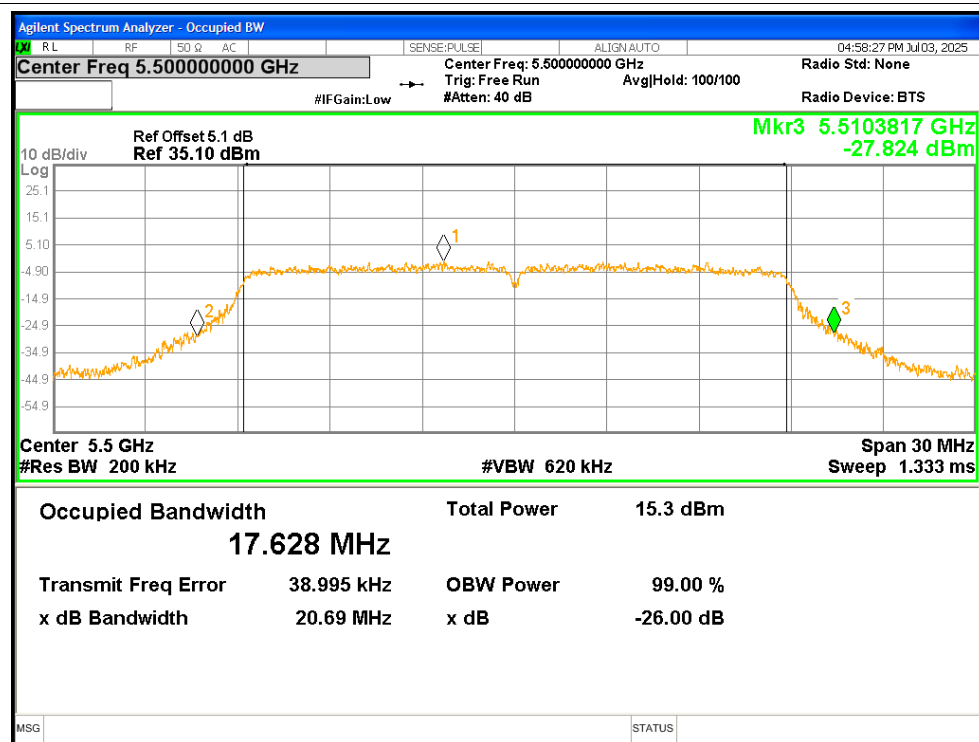
-26dB Bandwidth NVNT a 5580MHz



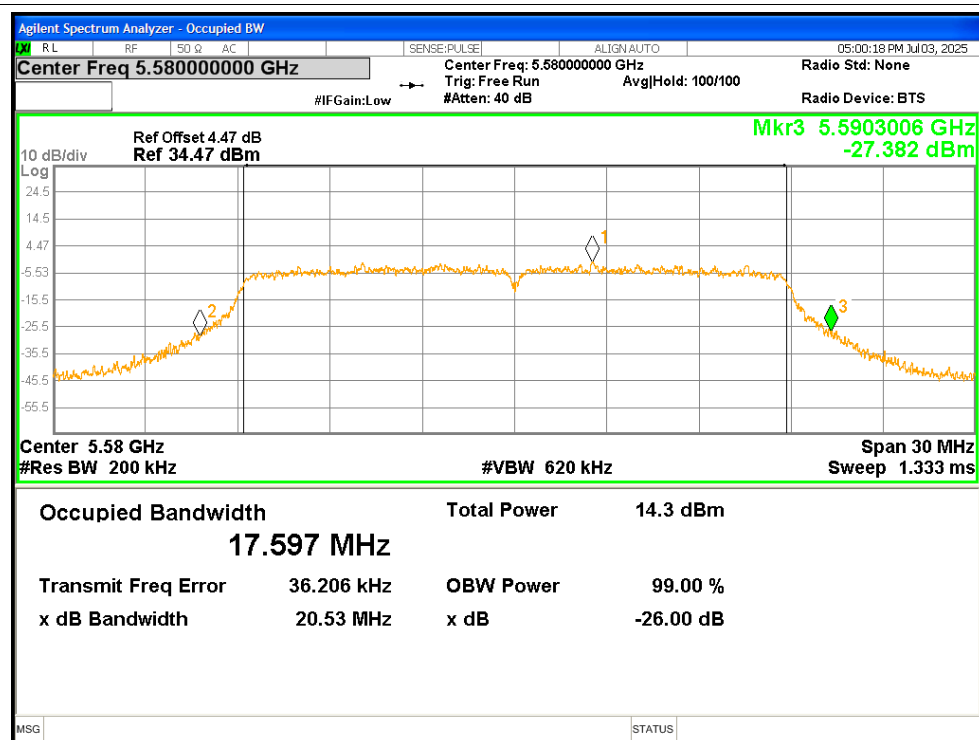
-26dB Bandwidth NVNT a 5700MHz



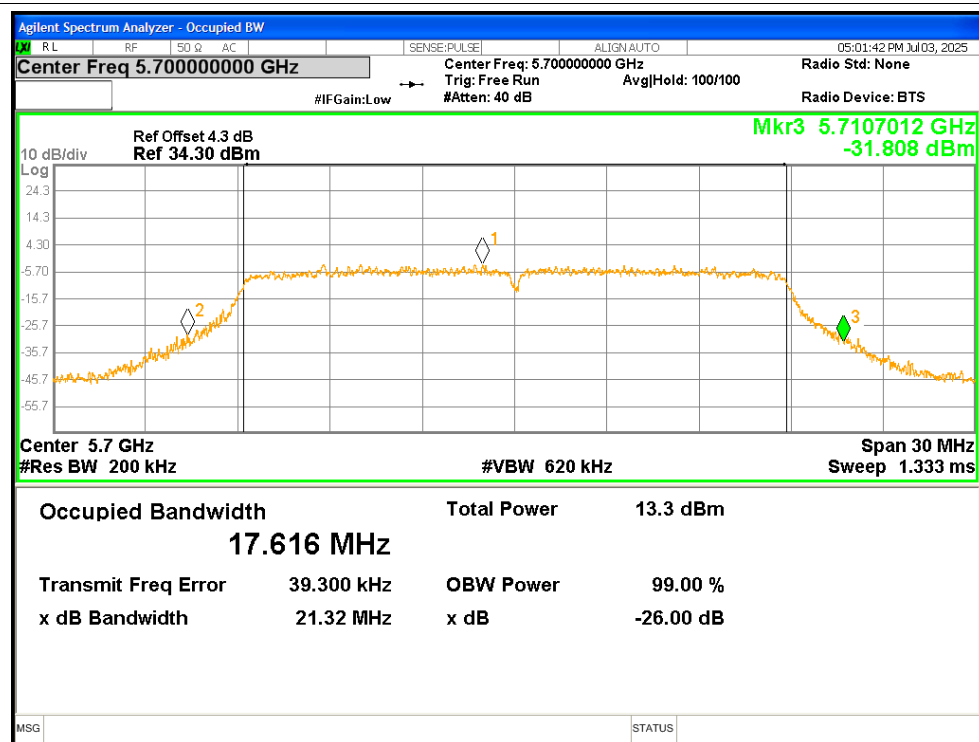
-26dB Bandwidth NVNT n20 5500MHz



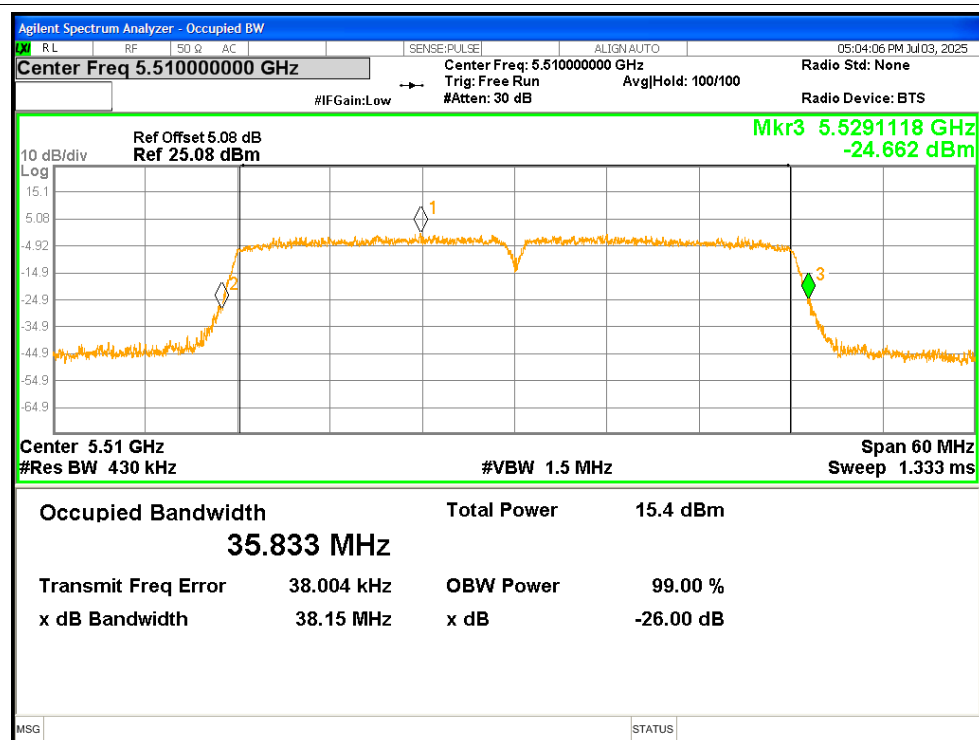
-26dB Bandwidth NVNT n20 5580MHz



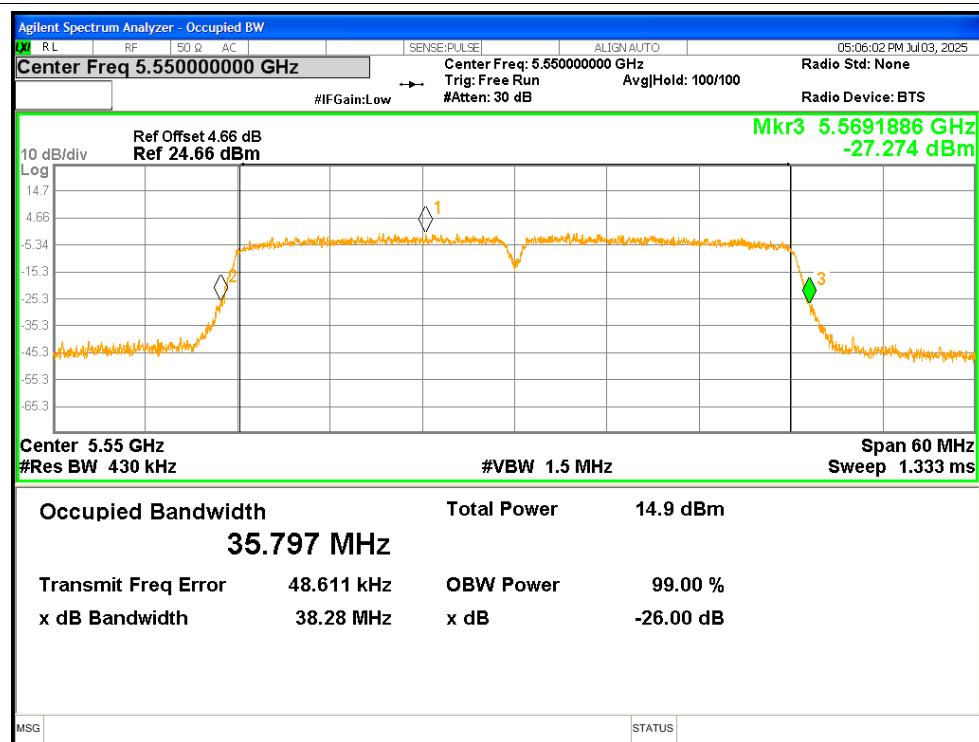
-26dB Bandwidth NVNT n20 5700MHz

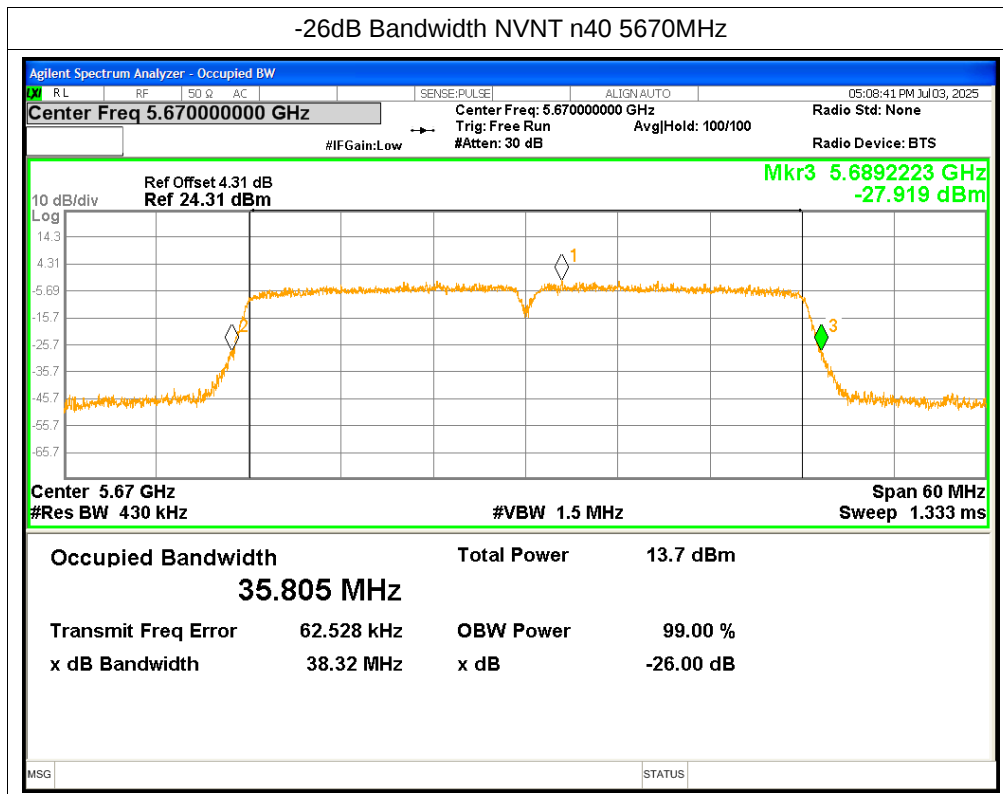


-26dB Bandwidth NVNT n40 5510MHz



-26dB Bandwidth NVNT n40 5550MHz



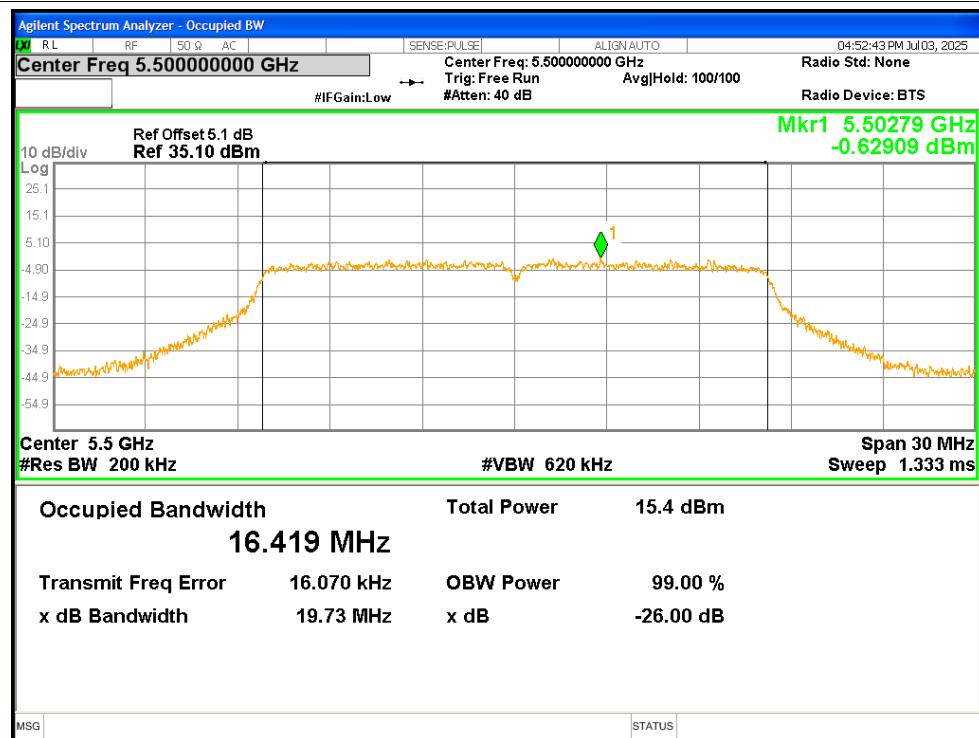


Occupied Channel Bandwidth

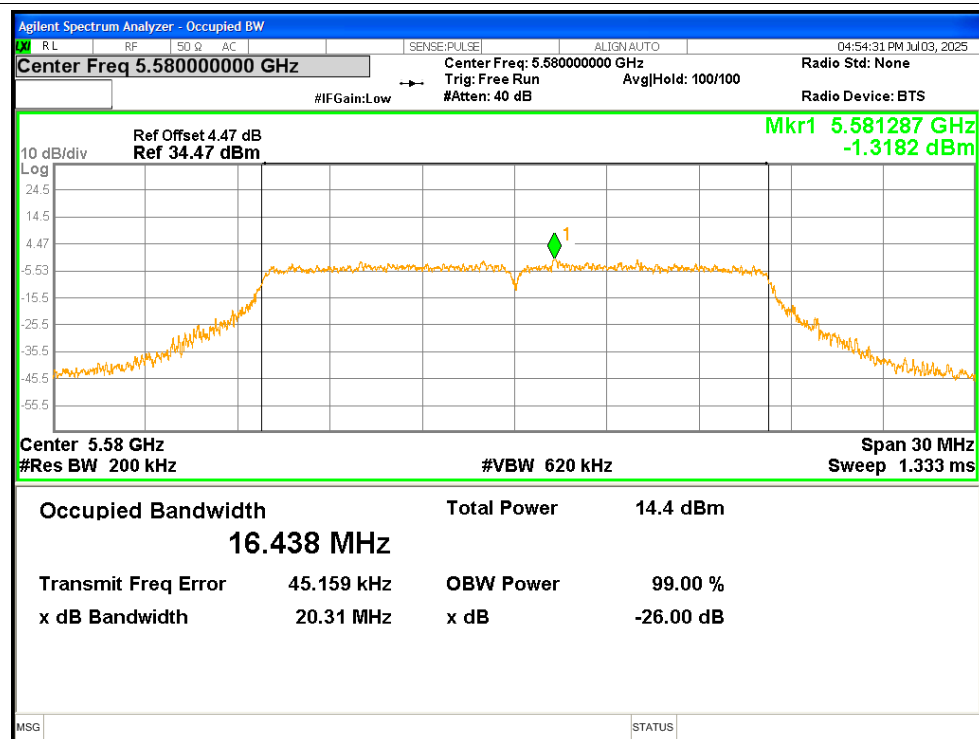
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5500	16.4195
NVNT	a	5580	16.4377
NVNT	a	5700	16.449
NVNT	n20	5500	17.6048
NVNT	n20	5580	17.5759
NVNT	n20	5700	17.6008
NVNT	n40	5510	35.7919
NVNT	n40	5550	35.8118
NVNT	n40	5670	35.8312

Test Graphs

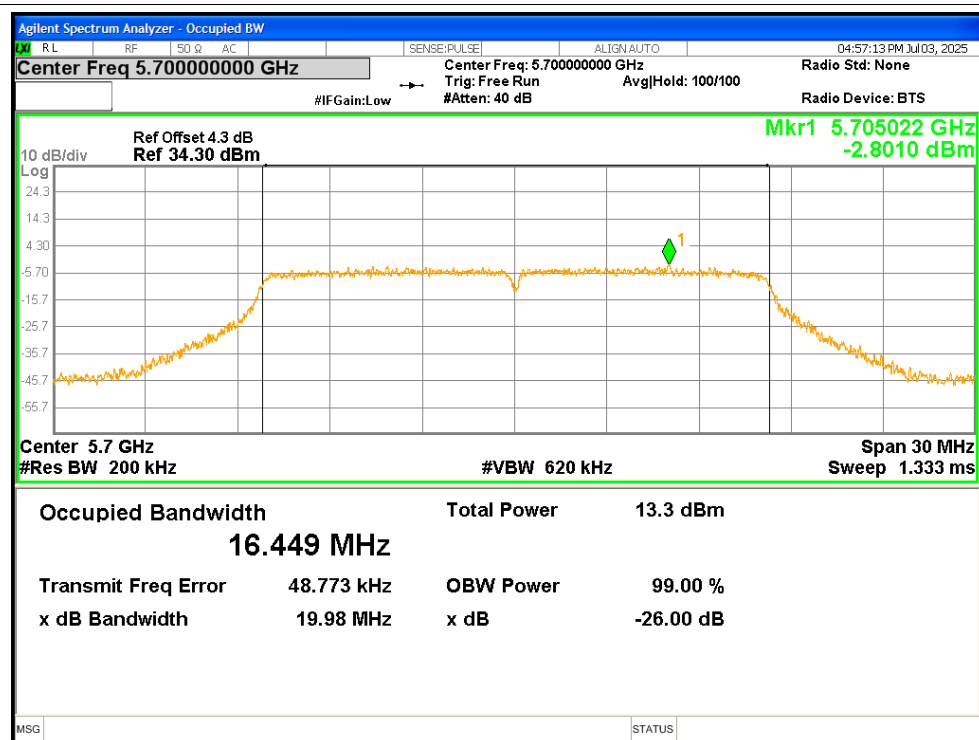
OBW NVNT a 5500MHz



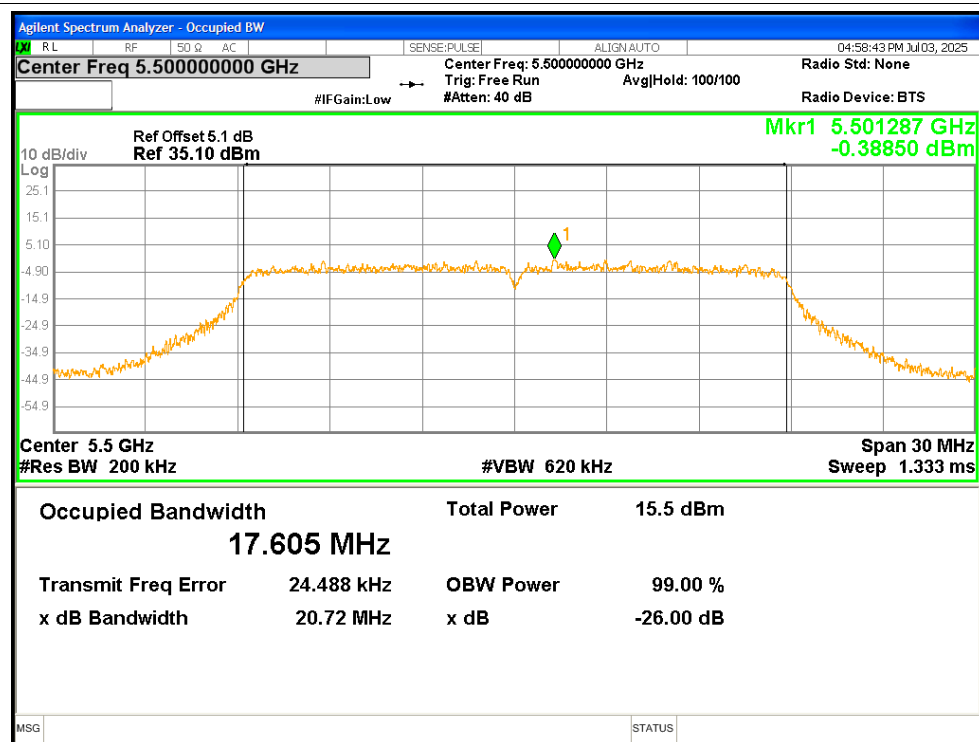
OBW NVNT a 5580MHz



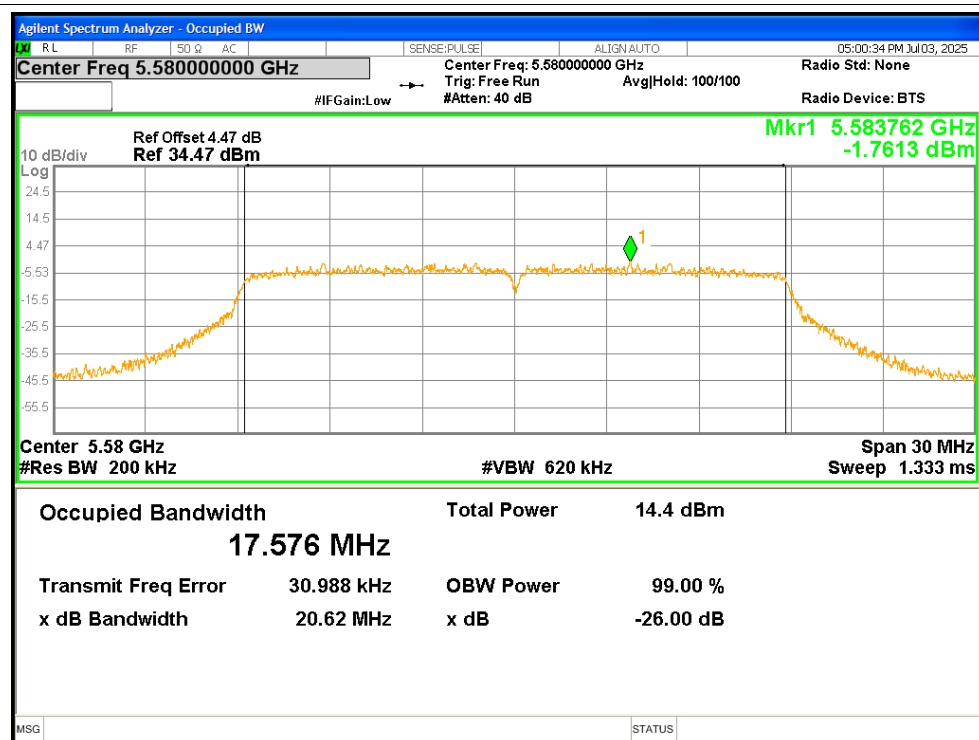
OBW NVNT a 5700MHz



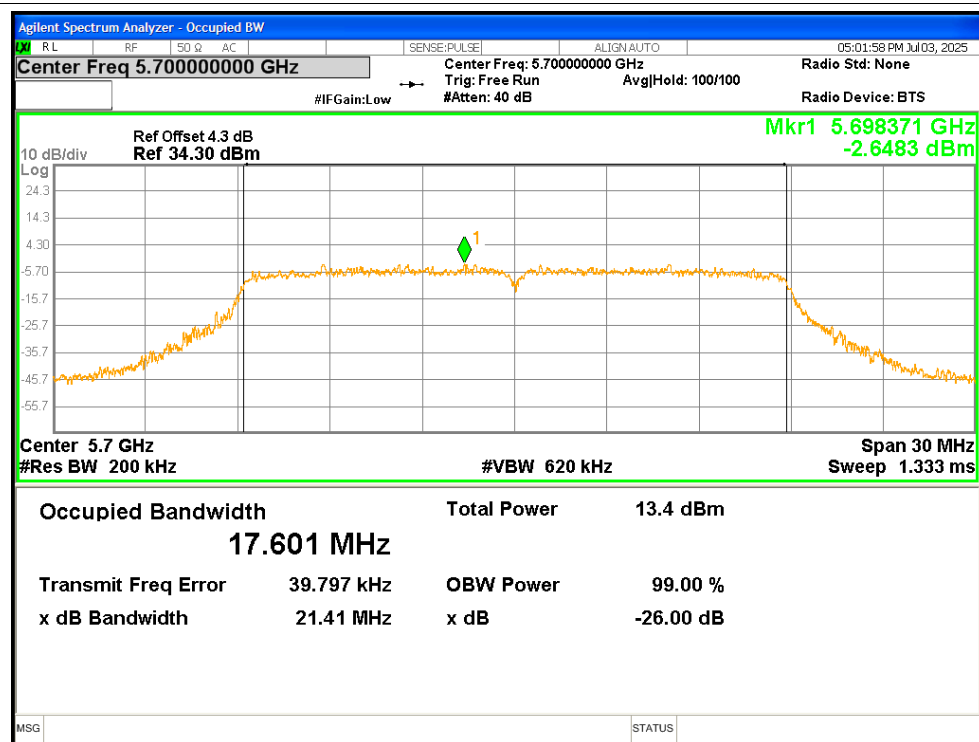
OBW NVNT n20 5500MHz



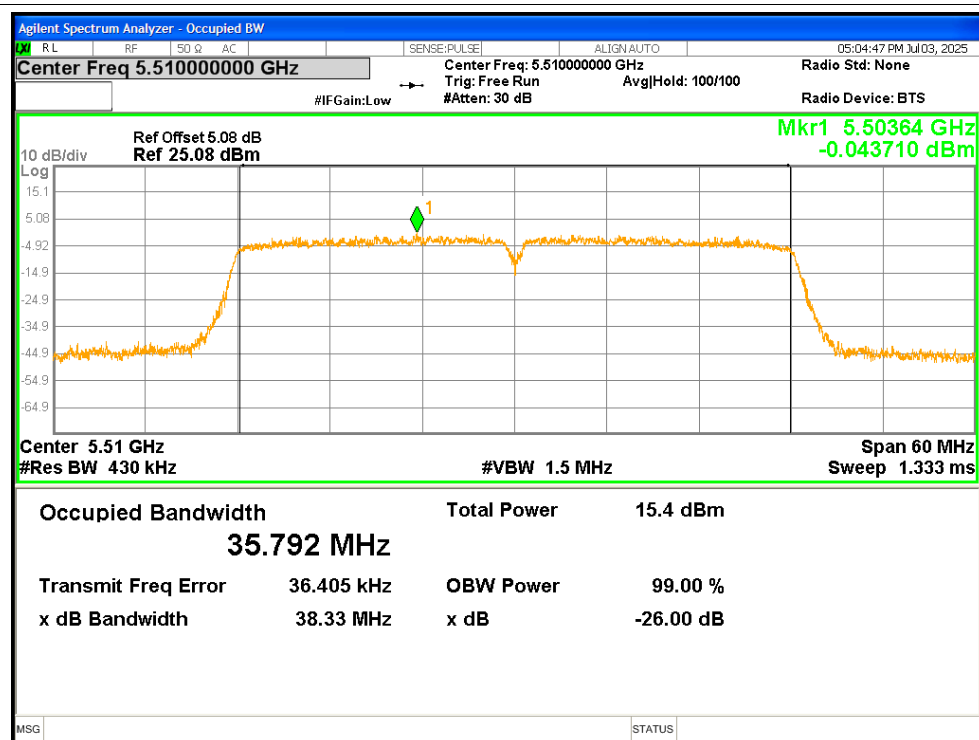
OBW NVNT n20 5580MHz



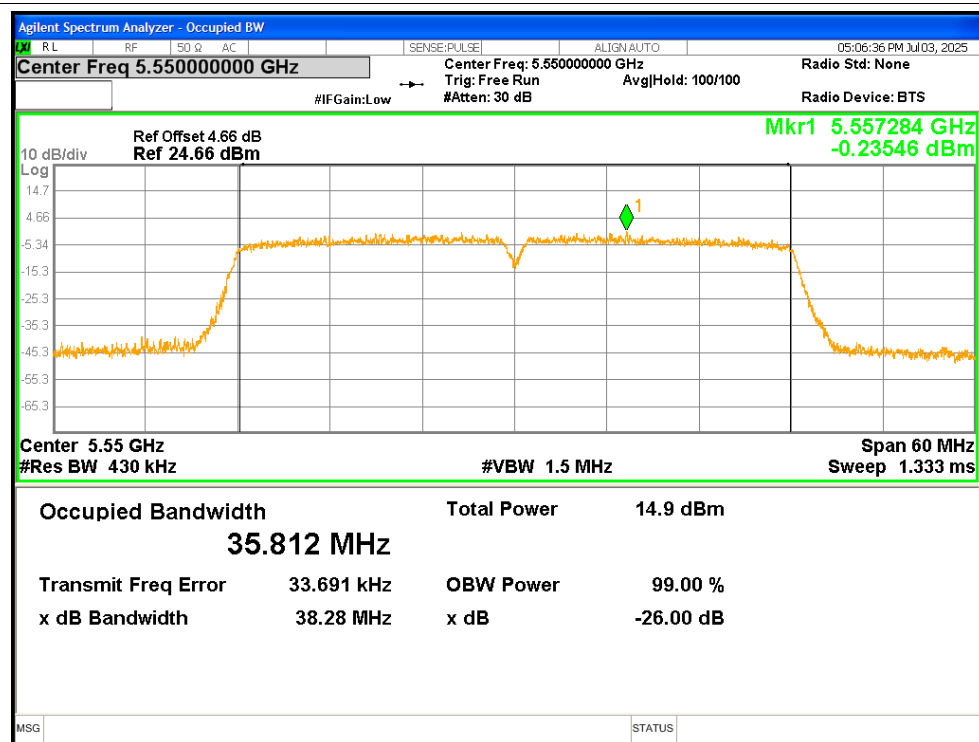
OBW NVNT n20 5700MHz

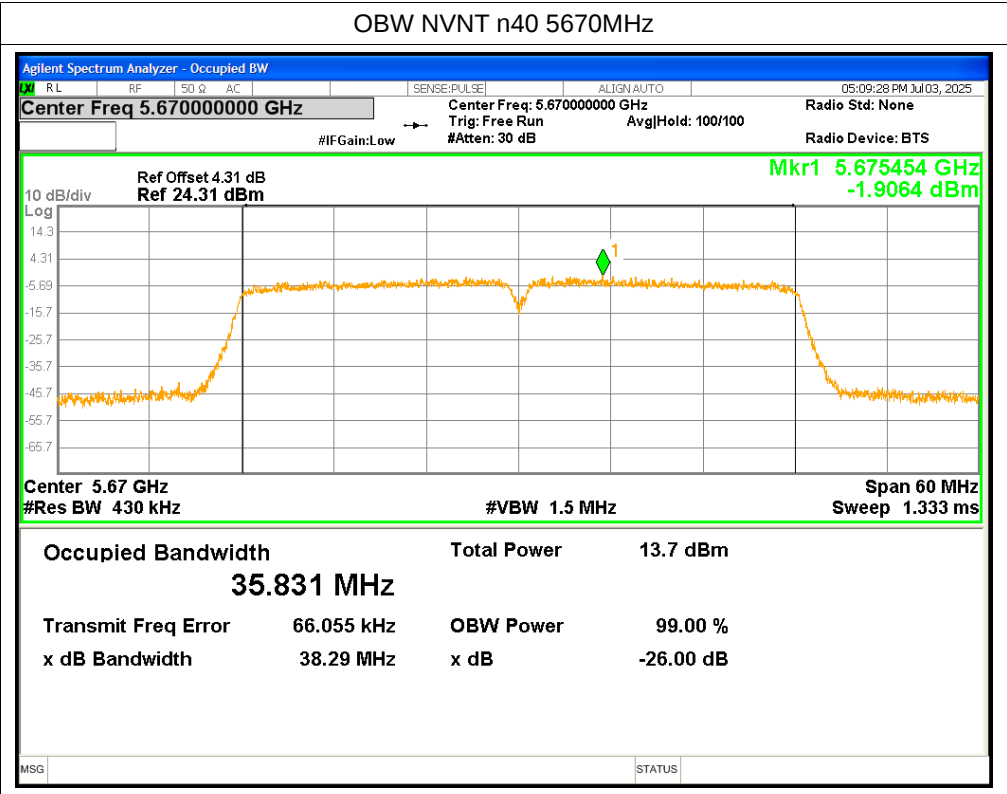


OBW NVNT n40 5510MHz



OBW NVNT n40 5550MHz



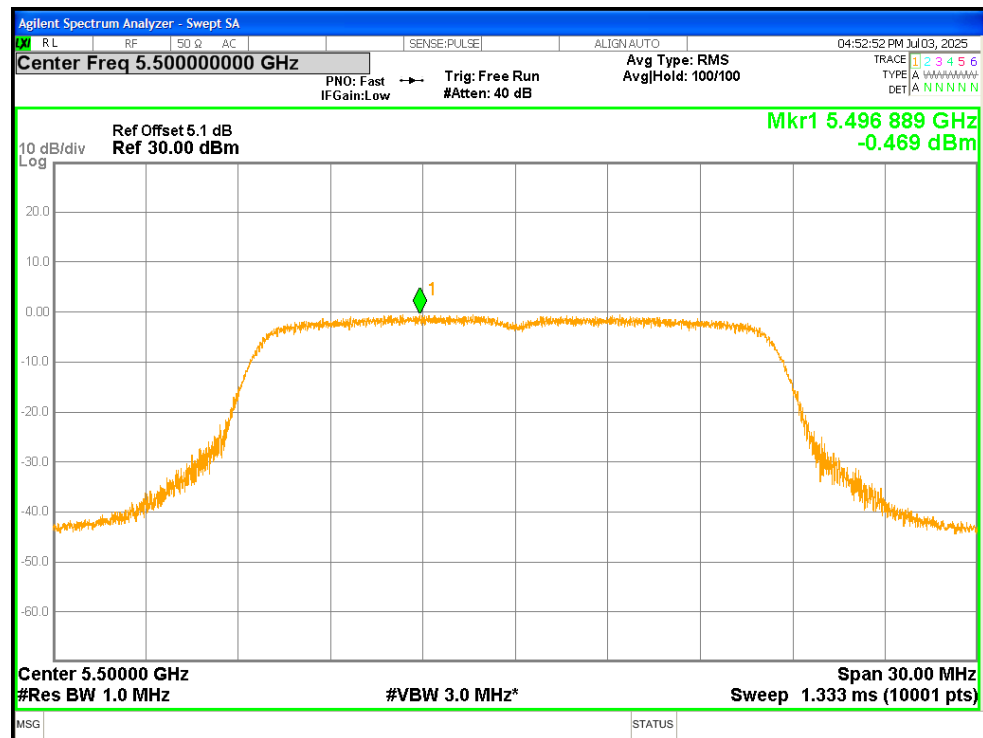


Maximum Power Spectral Density Level

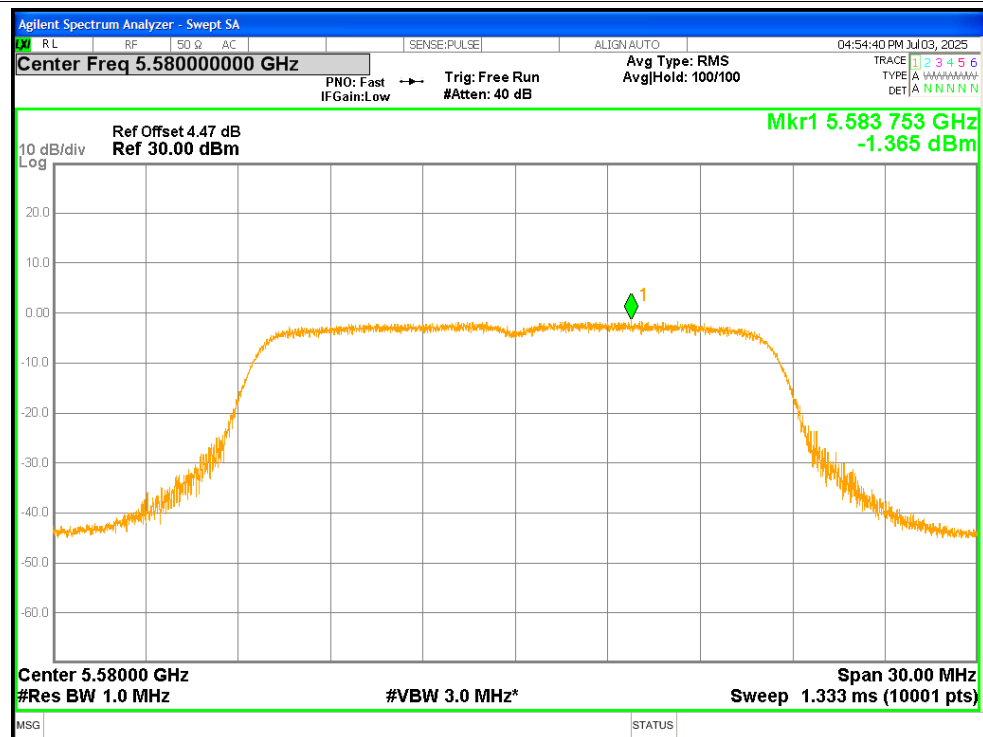
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	-0.469	0.32	-0.149	<=11	Pass
NVNT	a	5580	-1.365	0.34	-1.025	<=11	Pass
NVNT	a	5700	-2.632	0.36	-2.272	<=11	Pass
NVNT	n20	5500	-0.83	0.42	-0.41	<=11	Pass
NVNT	n20	5580	-1.852	0.45	-1.402	<=11	Pass
NVNT	n20	5700	-2.901	0.42	-2.481	<=11	Pass
NVNT	n40	5510	-4.202	0.88	-3.322	<=11	Pass
NVNT	n40	5550	-4.838	0.85	-3.988	<=11	Pass
NVNT	n40	5670	-5.937	0.82	-5.117	<=11	Pass

Test Graphs

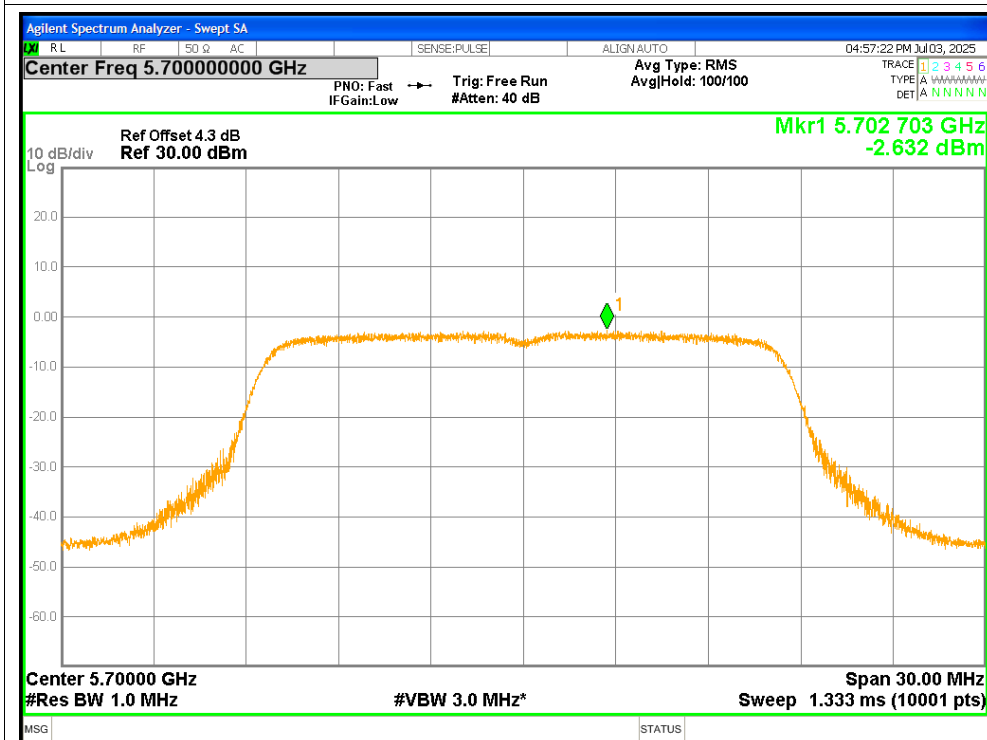
PSD NVNT a 5500MHz



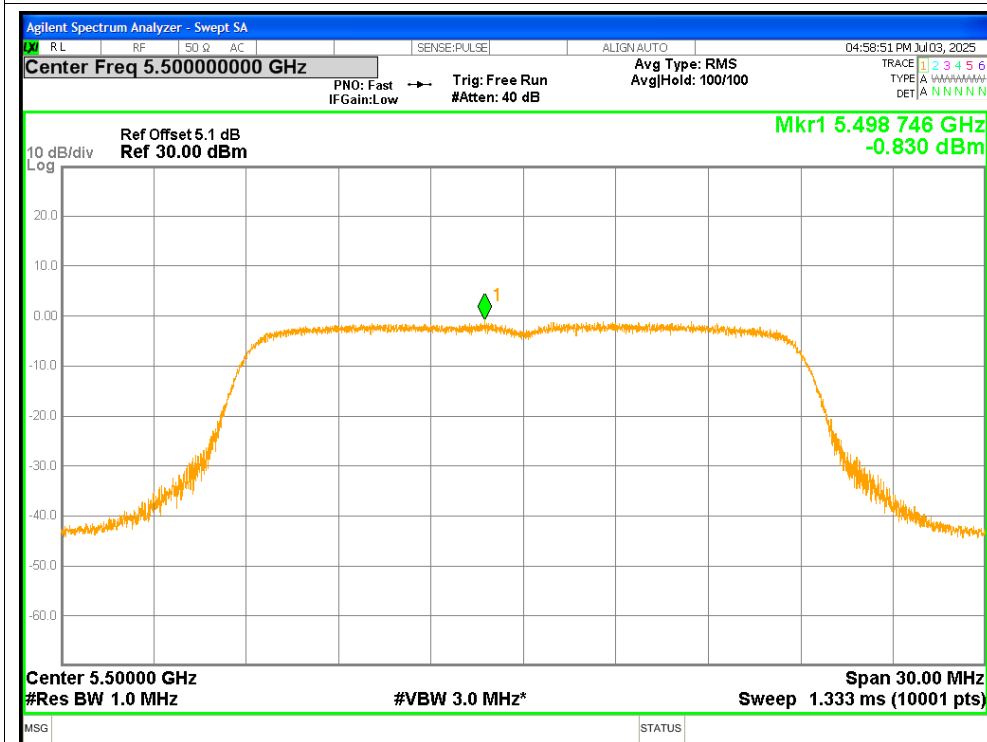
PSD NVNT a 5580MHz



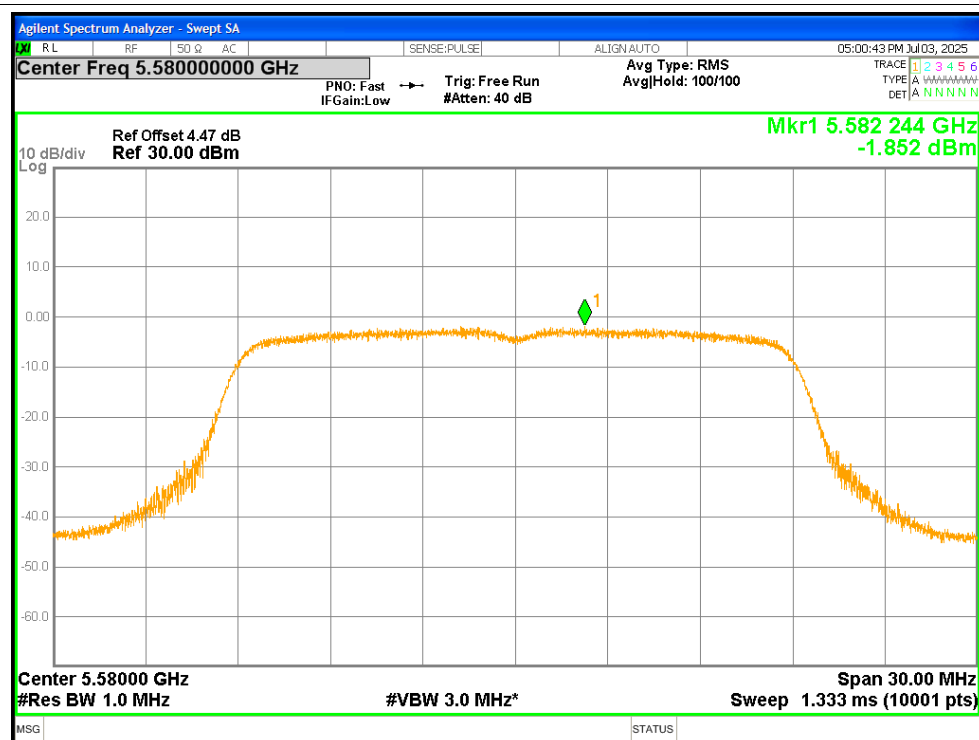
PSD NVNT a 5700MHz



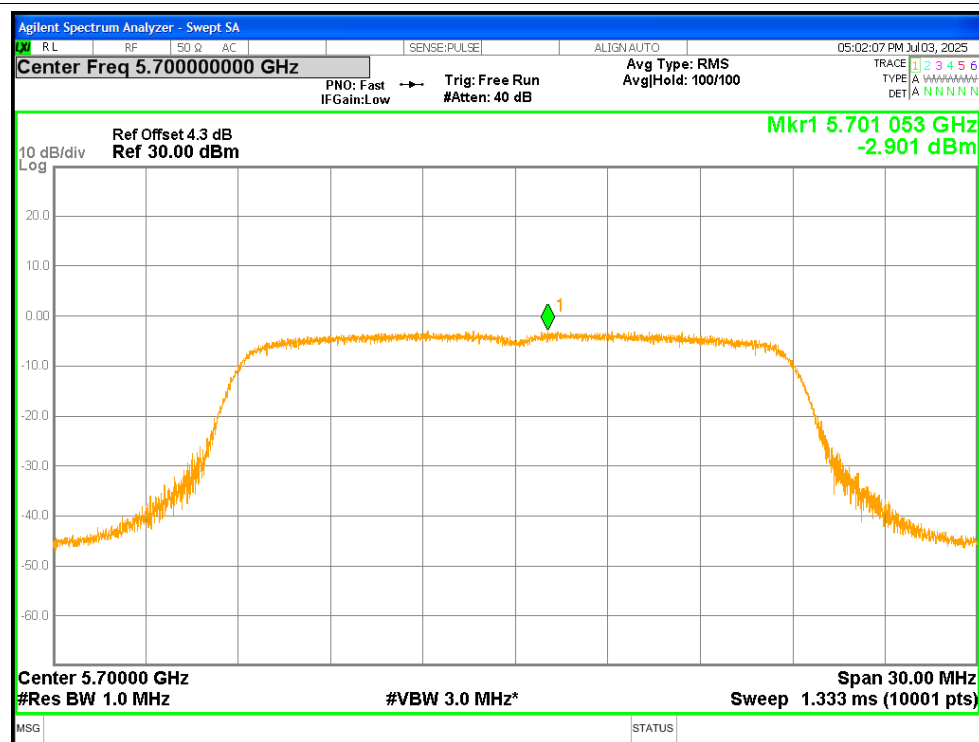
PSD NVNT n20 5500MHz



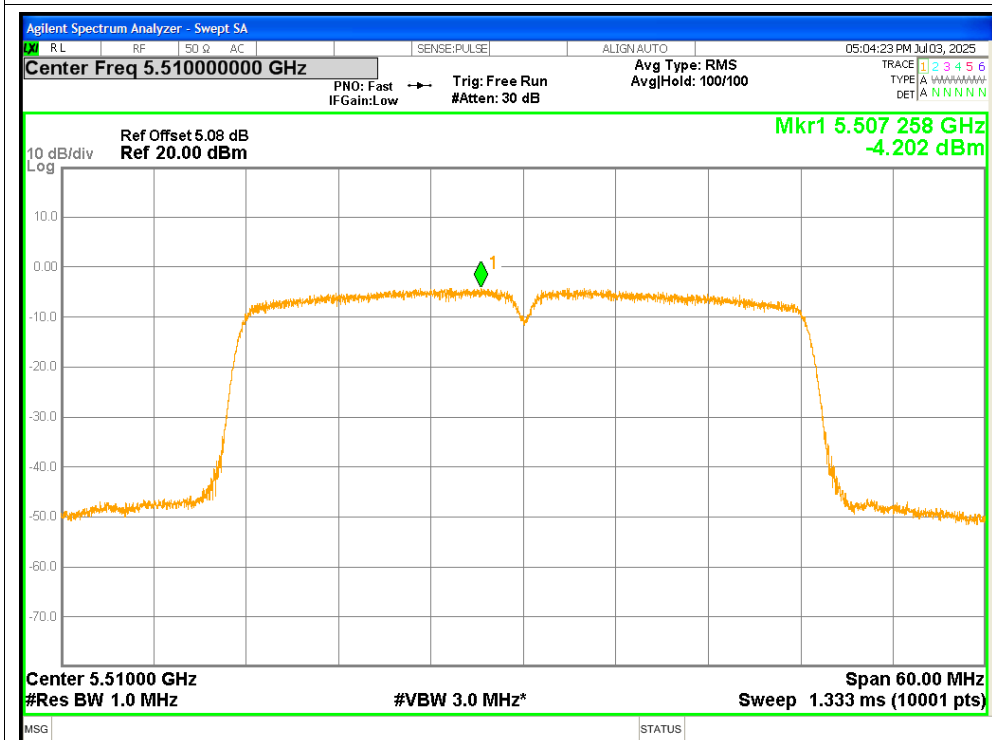
PSD NVNT n20 5580MHz



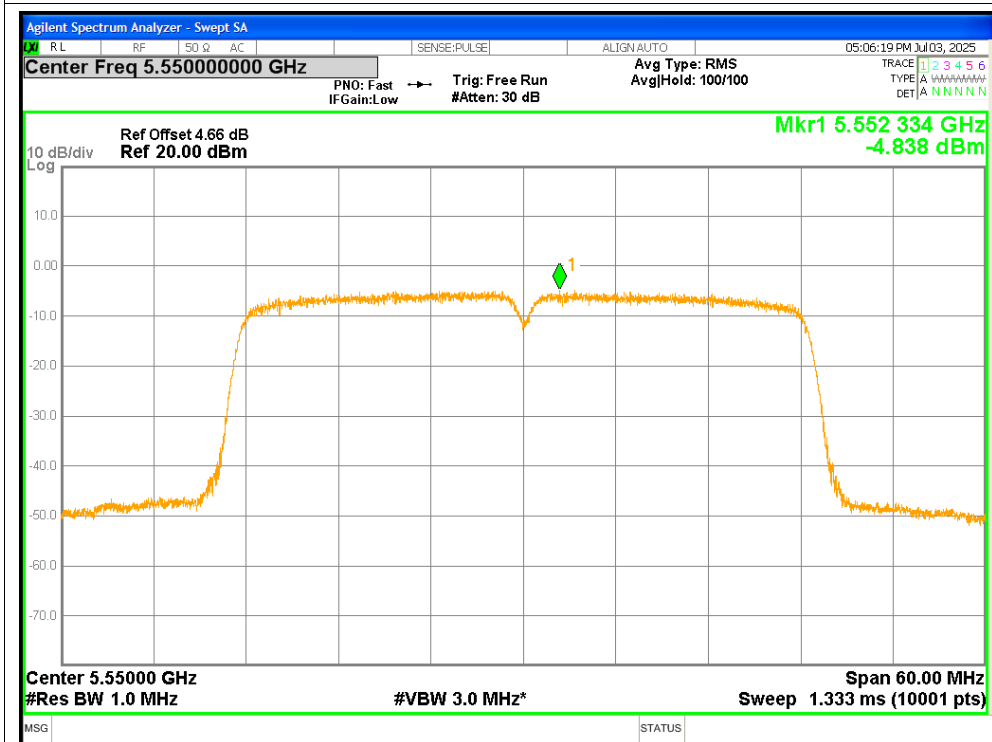
PSD NVNT n20 5700MHz

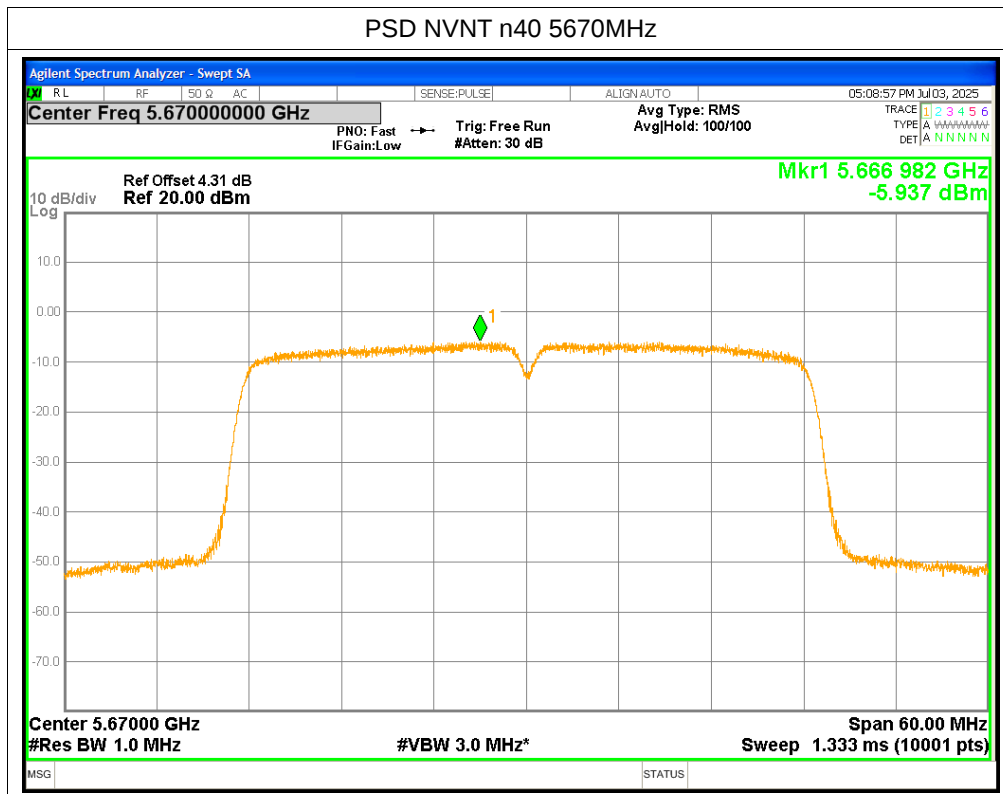


PSD NVNT n40 5510MHz



PSD NVNT n40 5550MHz





Band Edge

Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5500	-38.99	<=-27	Pass
NVNT	a	5700	-39.93	<=-27	Pass
NVNT	n20	5500	-39.24	<=-27	Pass
NVNT	n20	5700	-40.28	<=-27	Pass
NVNT	n40	5510	-38.71	<=-27	Pass
NVNT	n40	5670	-39.9	<=-27	Pass

Band Edge NVNT a 5500MHz Low

Band Edge NVNT n20 5500MHz Low

Agilent Spectrum Analyzer - Sweep SA

Center Freq 5.42000000 GHz PNO: Fast IFGain:Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr AvgHld: 100/100 04:58:59 PM Jul 03, 2025

Ref Offset 8.93 dB Ref 20.00 dBm Mkr1 5.503 6 GHz 10.006 dBm

MKS	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f	f	5.503 6 GHz	10.006 dBm			
2	N	f	f	5.470 0 GHz	-43.080 dBm			
3	N	f	f	5.419 6 GHz	-39.246 dBm			

Start 5.3200 GHz Stop 5.5200 GHz
#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts)

Band Edge NVNT n20 5700MHz High

Agilent Spectrum Analyzer - Swept SA

Center Freq 5.78000000 GHz

Ref Offset 8.13 dB
Ref 20.00 dBm

Mkr1 5.702 2 GHz
7.930 dBm

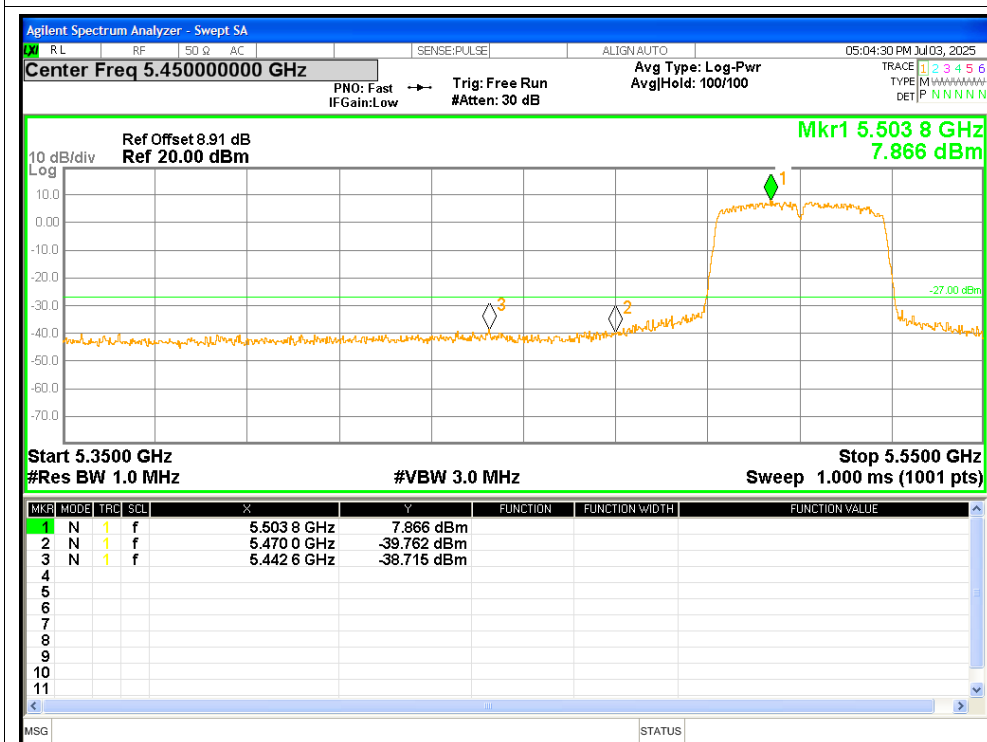
Start 5.680 GHz
#Res BW 1.0 MHz

Stop 5.880 GHz
Sweep 1.000 ms (1001 pts)

#VBW 3.0 MHz

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.702 2 GHz	7.930 dBm			
2	N	1	f	5.725 0 GHz	-43.260 dBm			
3	N	1	f	5.857 8 GHz	-40.281 dBm			

Band Edge NVNT n40 5510MHz Low



Band Edge NVNT n40 5670MHz High

