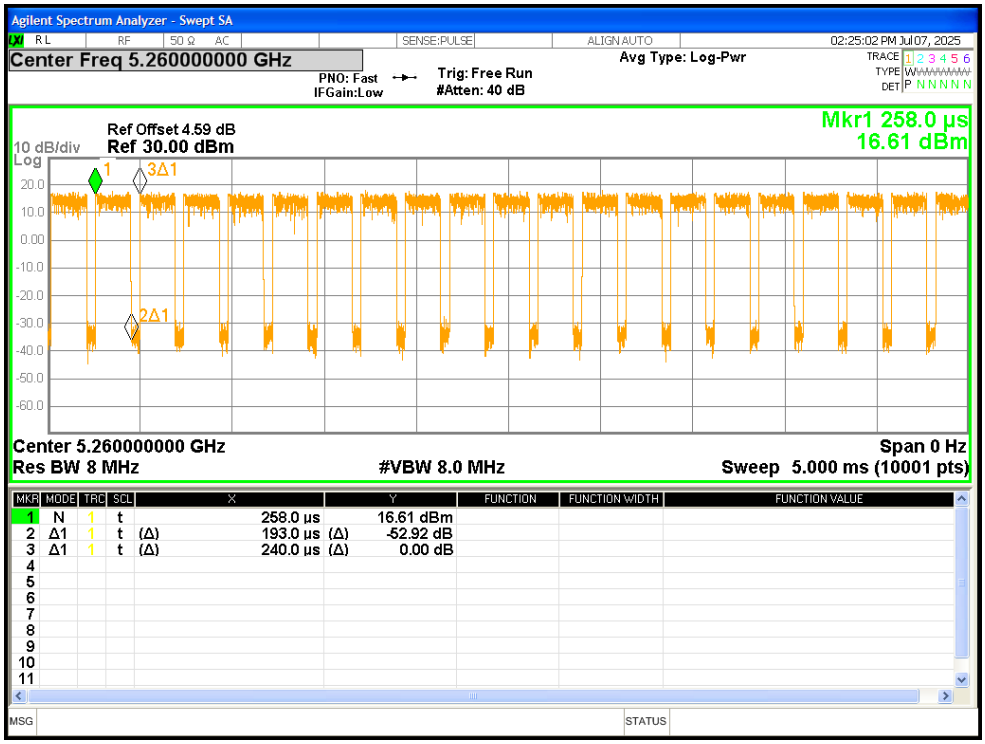
Duty Cycle

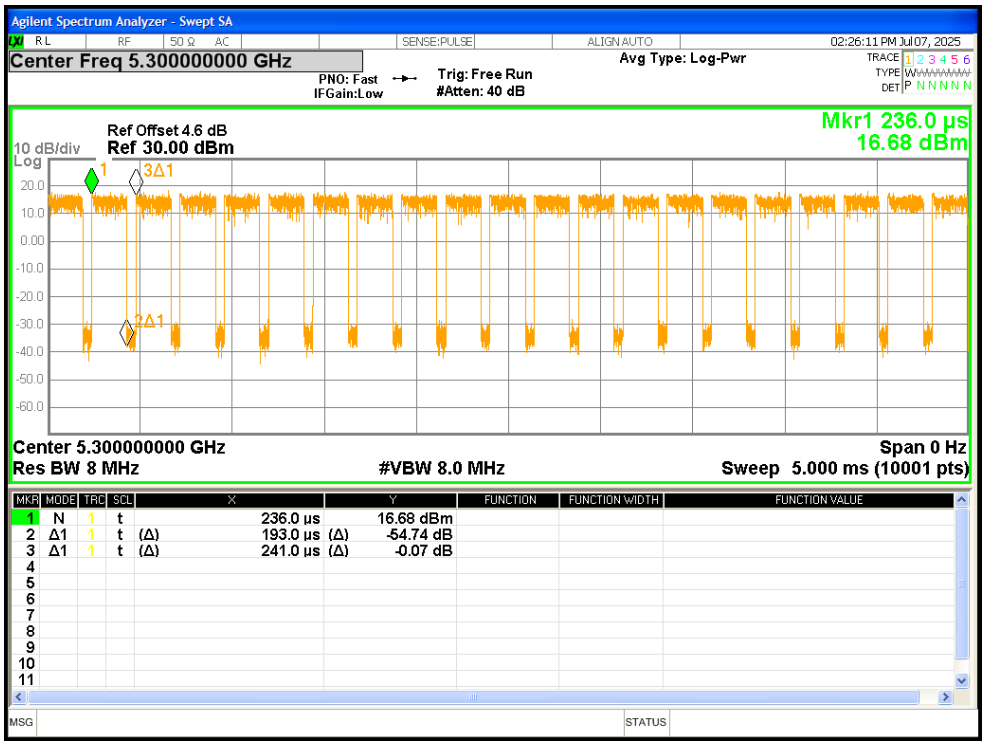
Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	0.193	0.24	80.42	0.95	5.19
NVNT	a	5300	0.193	0.241	80.08	0.96	5.19
NVNT	a	5320	0.192	0.24	80	0.97	5.19
NVNT	n20	5260	0.213	0.261	81.61	0.88	4.71
NVNT	n20	5300	0.212	0.259	81.85	0.87	4.71
NVNT	n20	5320	0.212	0.26	81.54	0.89	4.71
NVNT	n40	5270	0.2	0.247	80.97	0.92	4.99
NVNT	n40	5310	0.201	0.248	81.05	0.91	4.99
NVNT	ac20	5260	0.205	0.251	81.67	0.88	4.89
NVNT	ac20	5300	0.205	0.252	81.35	0.9	4.89
NVNT	ac20	5320	0.205	0.252	81.35	0.9	4.89
NVNT	ac40	5270	0.184	0.231	79.65	0.99	5.42
NVNT	ac40	5310	0.184	0.233	78.97	1.03	5.42
NVNT	ac80	5290	0.176	0.224	78.57	1.05	5.67

Test Graphs

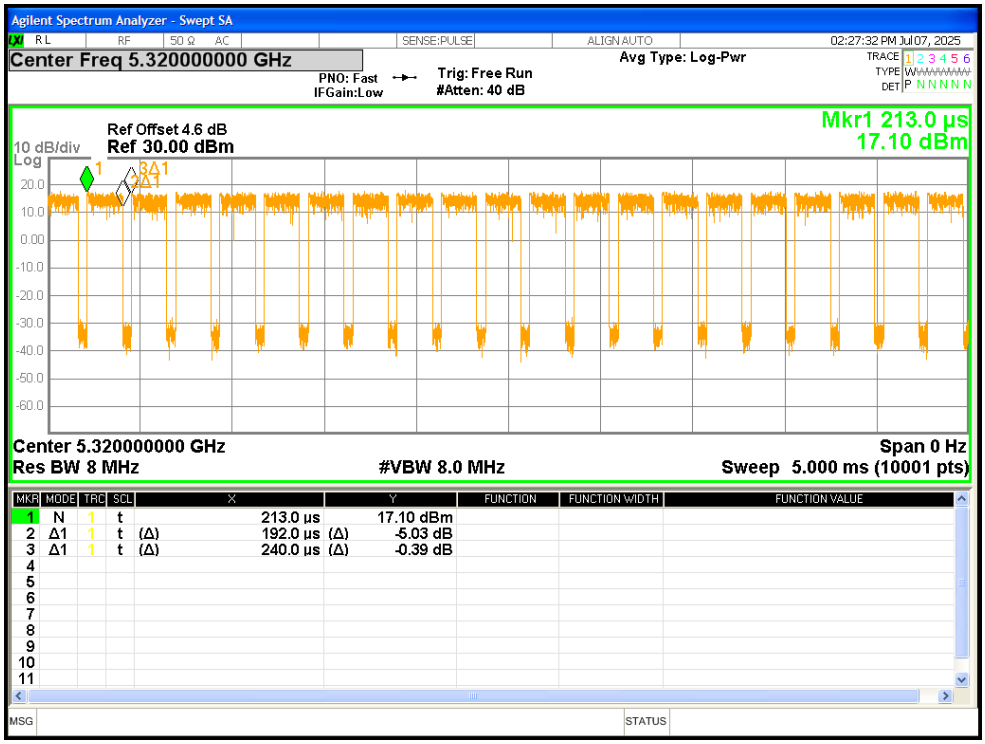
Duty Cycle NVNT a 5260MHz



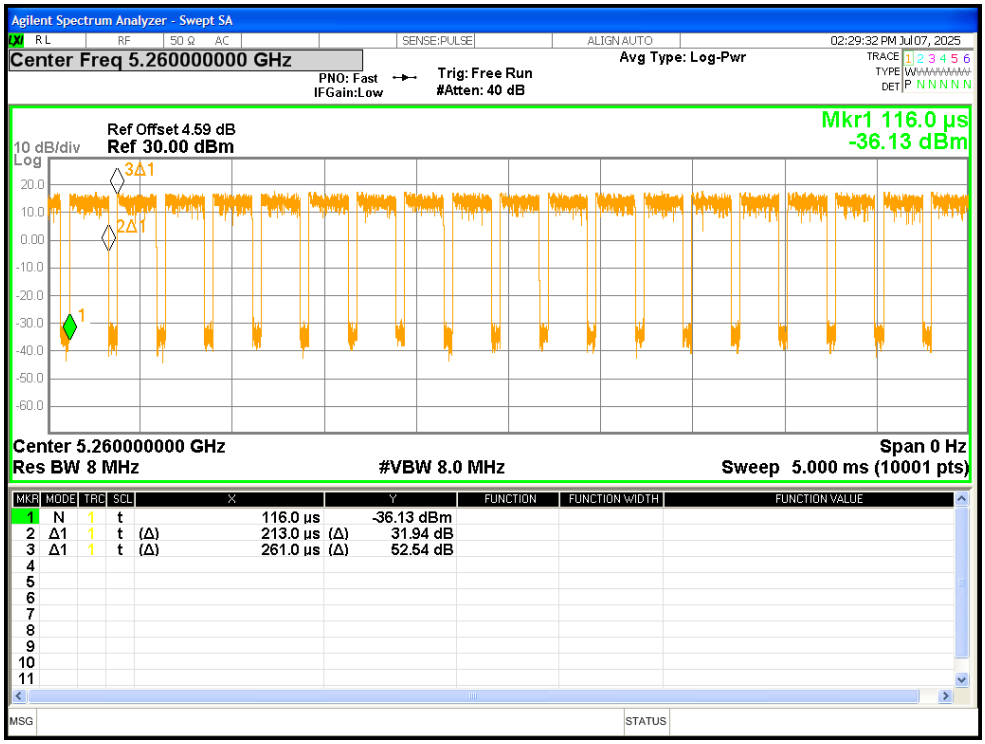
Duty Cycle NVNT a 5300MHz



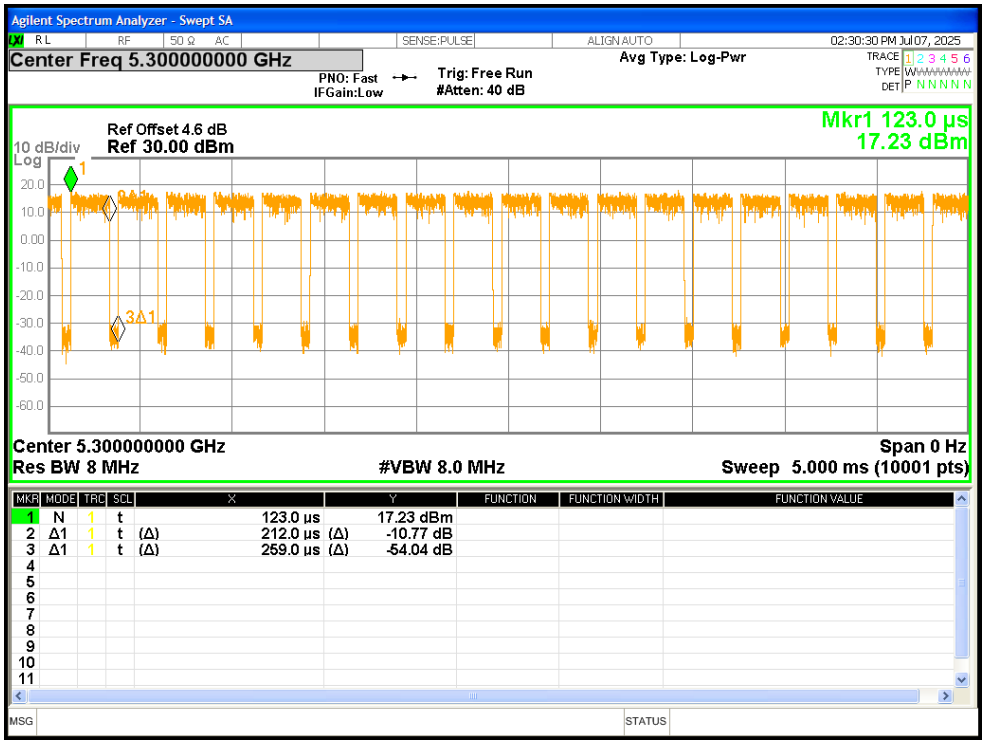
Duty Cycle NVNT a 5320MHz



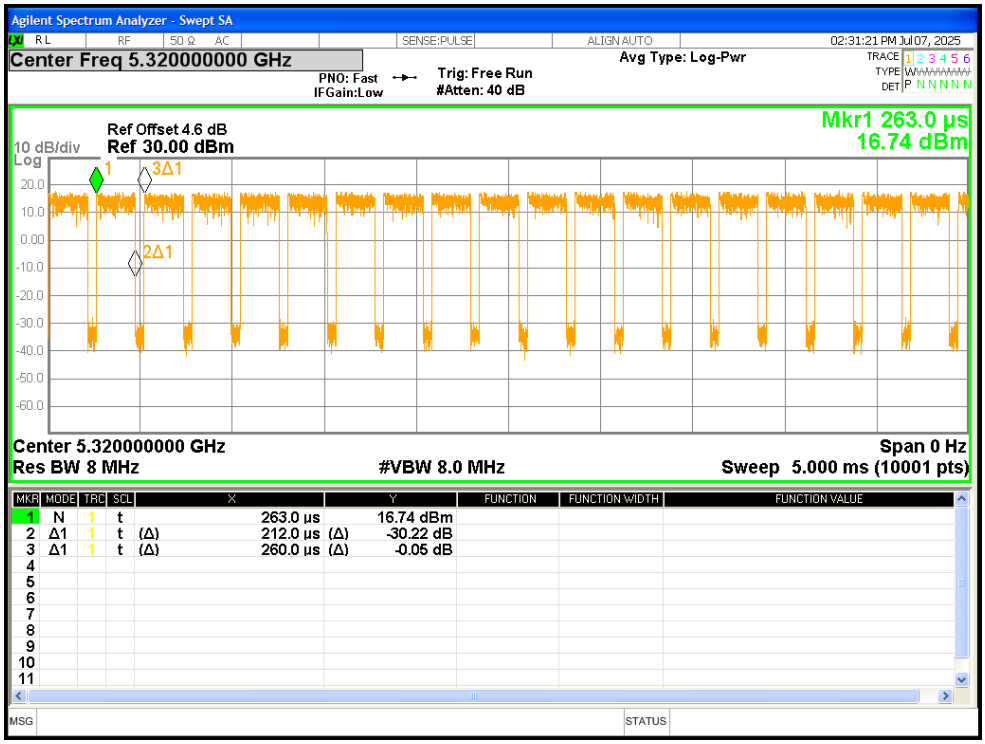
Duty Cycle NVNT n20 5260MHz



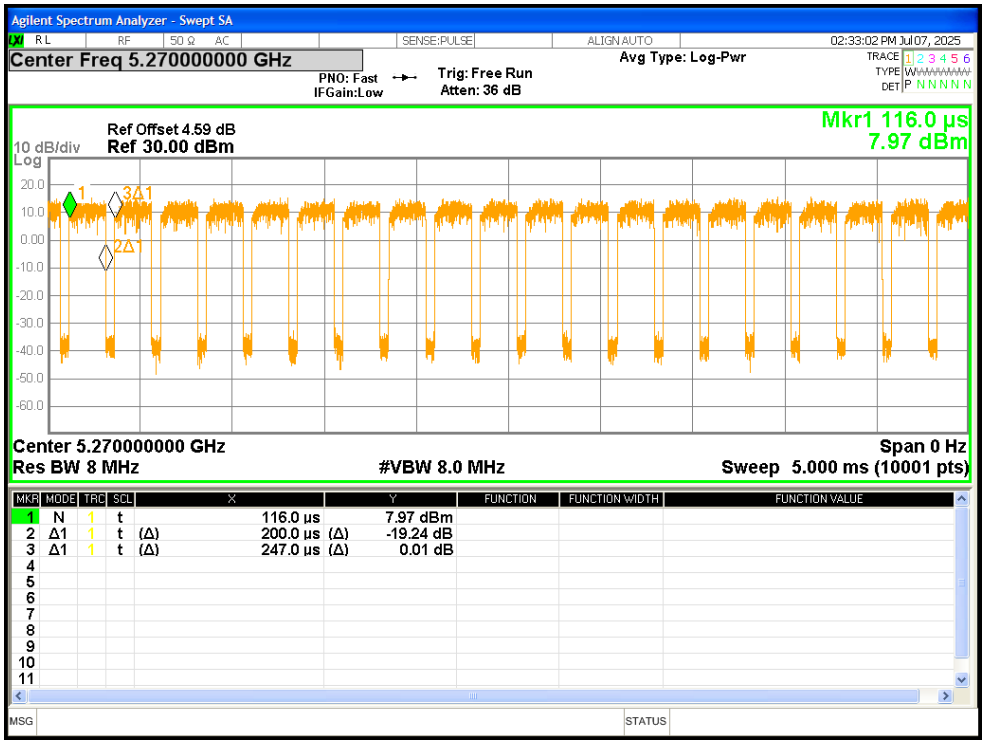
Duty Cycle NVNT n20 5300MHz



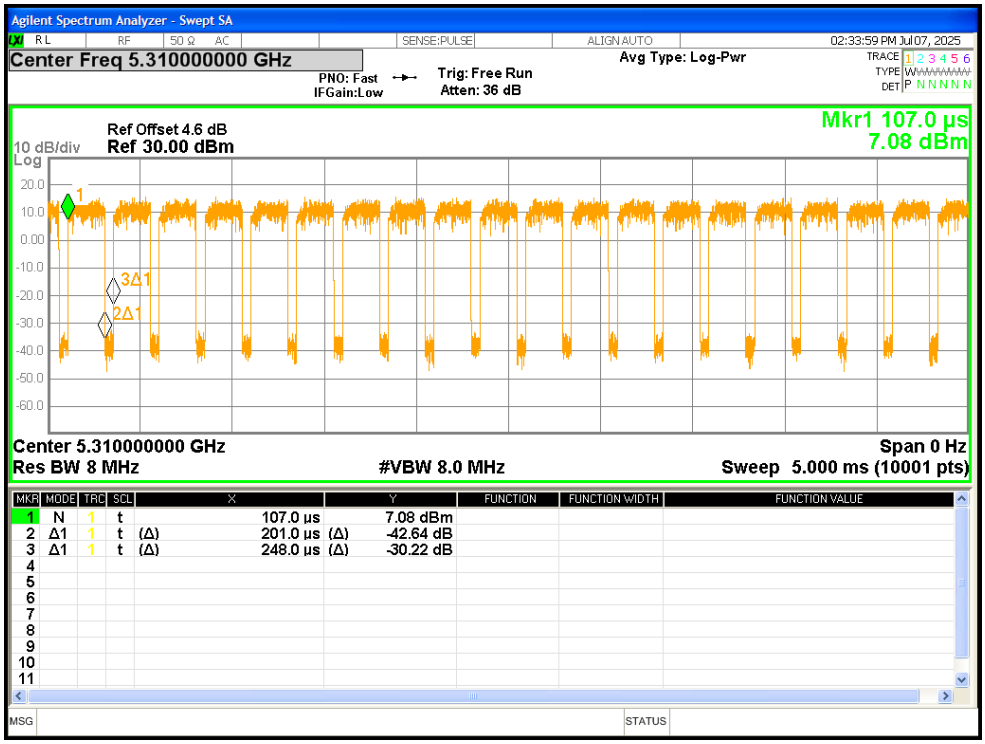
Duty Cycle NVNT n20 5320MHz



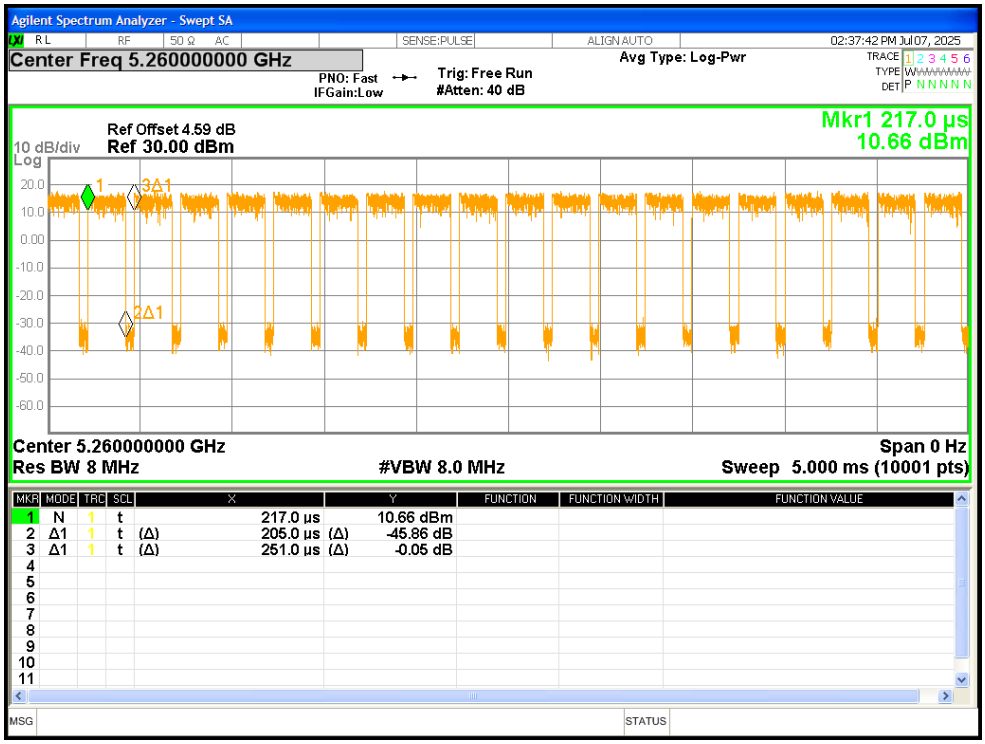
Duty Cycle NVNT n40 5270MHz



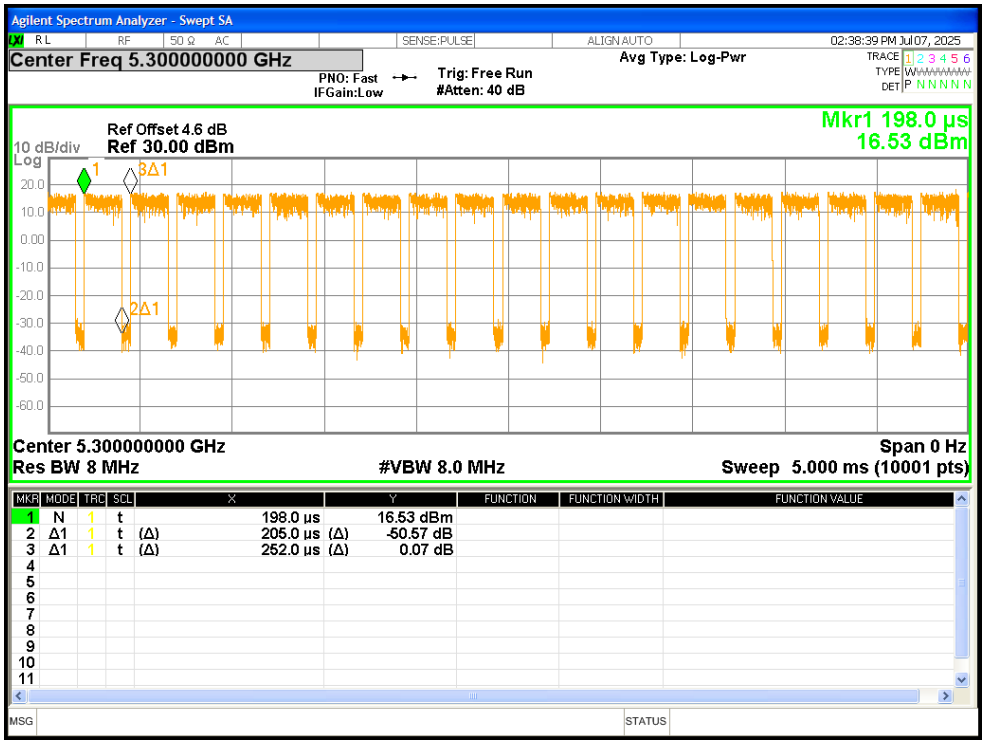
Duty Cycle NVNT n40 5310MHz



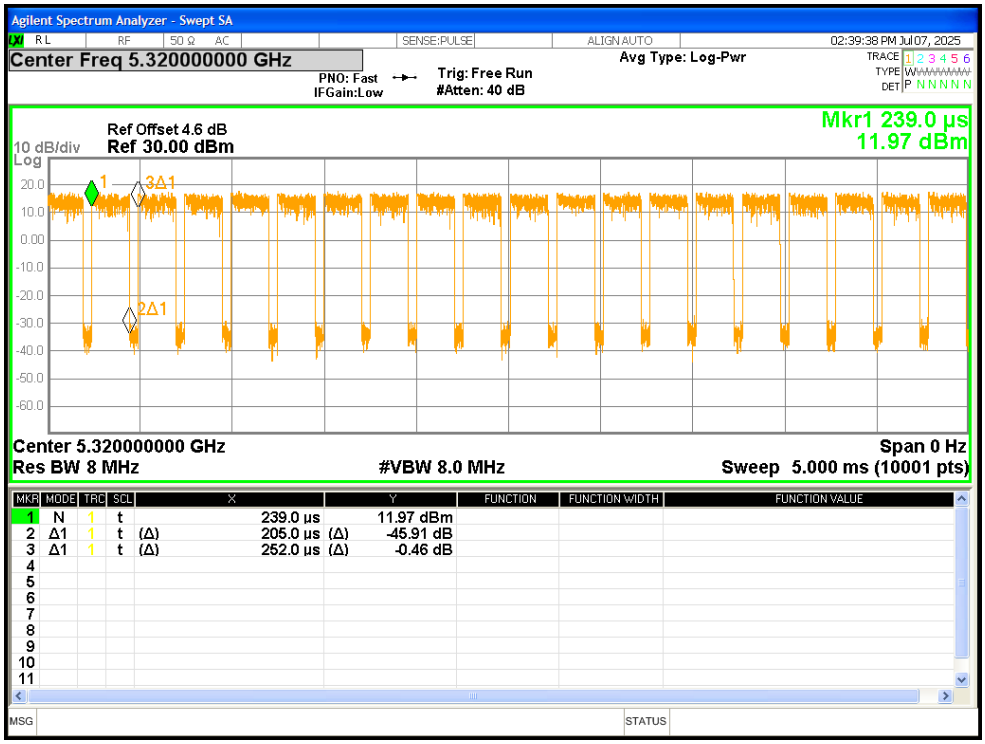
Duty Cycle NVNT ac20 5260MHz



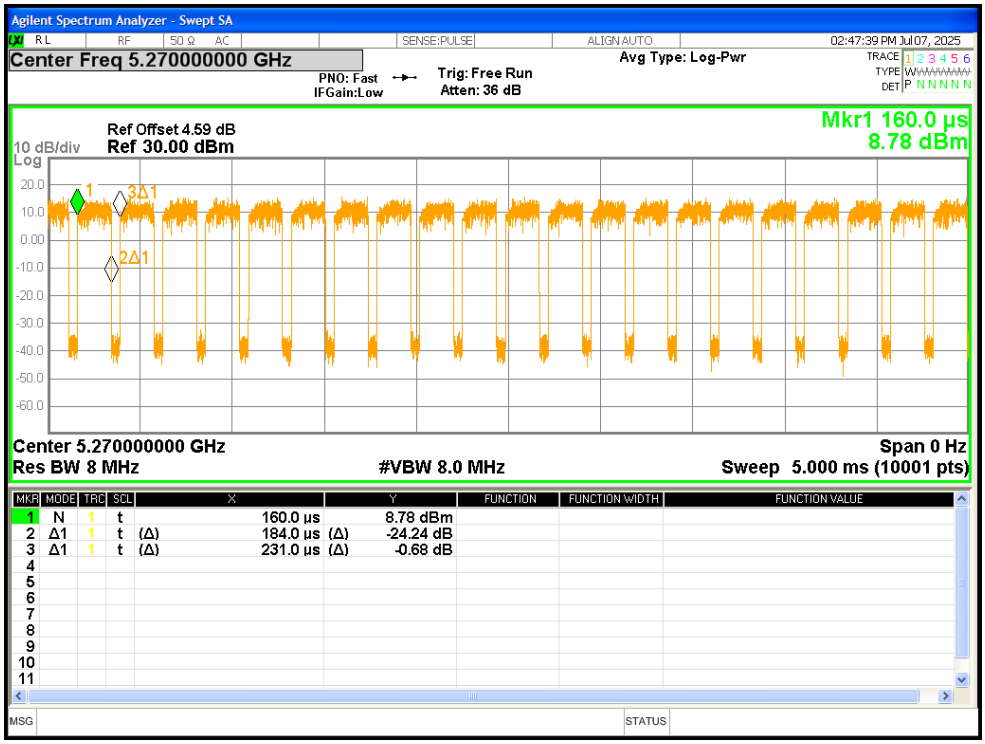
Duty Cycle NVNT ac20 5300MHz



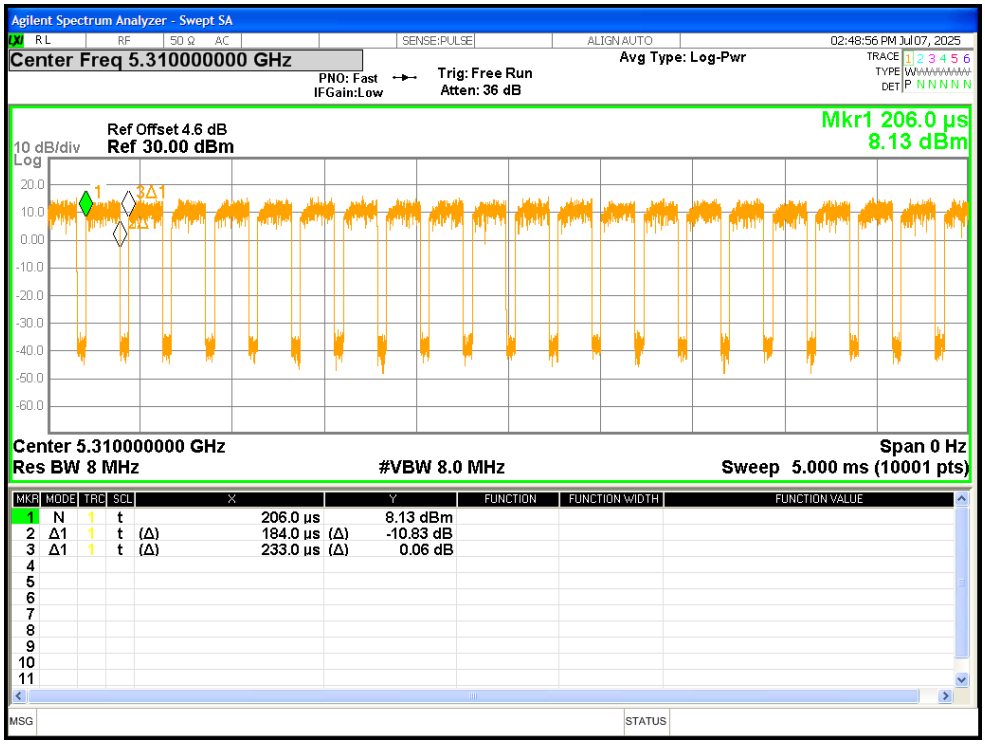
Duty Cycle NVNT ac20 5320MHz



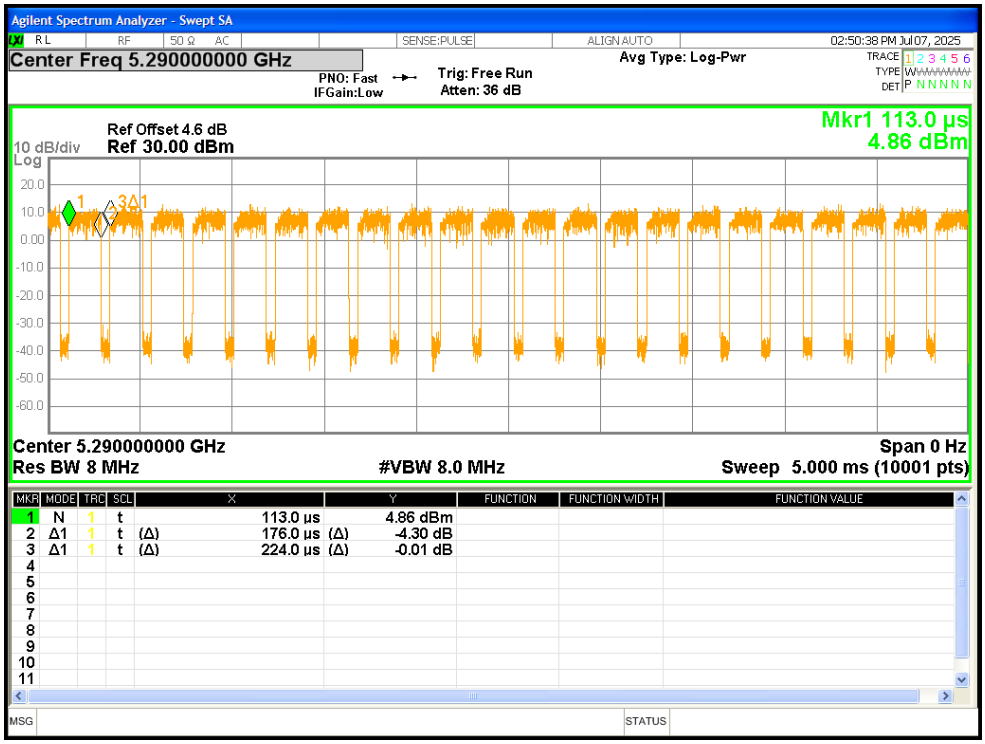
Duty Cycle NVNT ac40 5270MHz



Duty Cycle NVNT ac40 5310MHz



Duty Cycle NVNT ac80 5290MHz

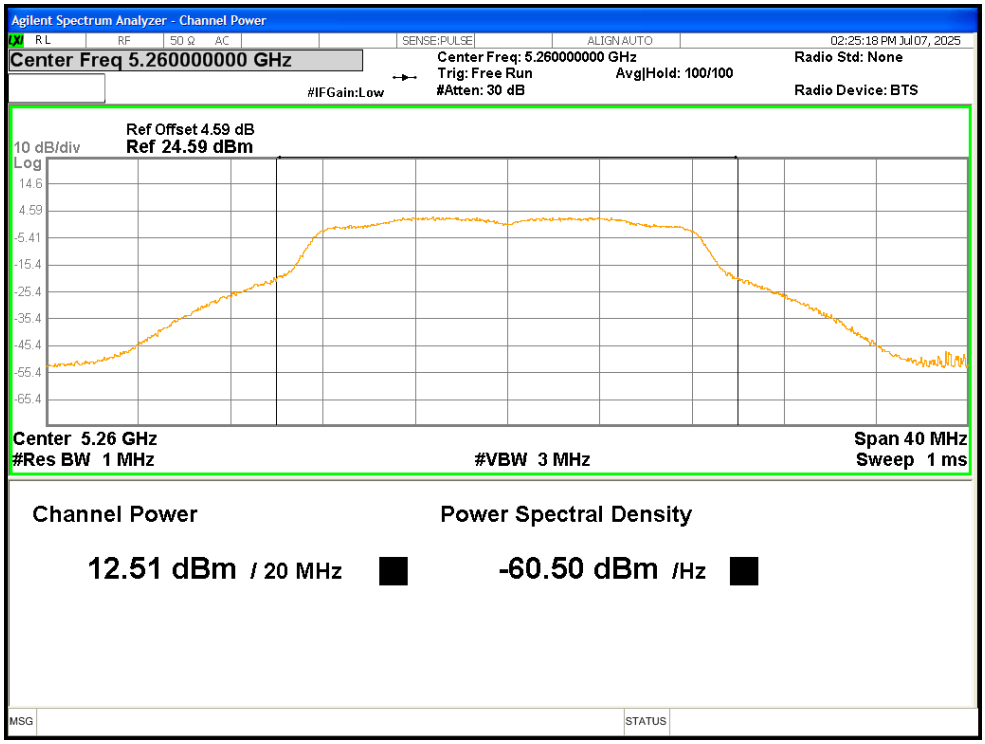


Maximum Output Power

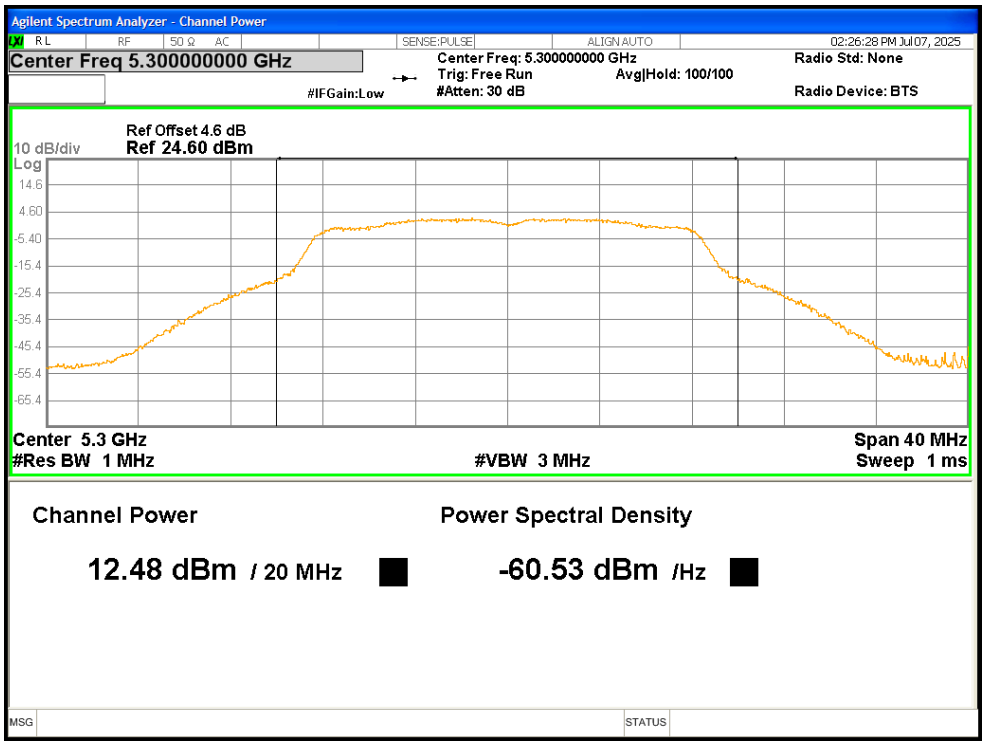
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	12.51	0.95	13.46	<=24	Pass
NVNT	a	5300	12.48	0.96	13.44	<=24	Pass
NVNT	a	5320	12.61	0.97	13.58	<=24	Pass
NVNT	n20	5260	12.59	0.88	13.47	<=24	Pass
NVNT	n20	5300	12.55	0.87	13.42	<=24	Pass
NVNT	n20	5320	12.59	0.89	13.48	<=24	Pass
NVNT	n40	5270	12.9	0.92	13.82	<=24	Pass
NVNT	n40	5310	13.03	0.91	13.94	<=24	Pass
NVNT	ac20	5260	12.48	0.88	13.36	<=24	Pass
NVNT	ac20	5300	12.44	0.9	13.34	<=24	Pass
NVNT	ac20	5320	12.6	0.9	13.5	<=24	Pass
NVNT	ac40	5270	12.77	0.99	13.76	<=24	Pass
NVNT	ac40	5310	12.91	1.03	13.94	<=24	Pass
NVNT	ac80	5290	12.51	1.05	13.56	<=24	Pass

Test Graphs

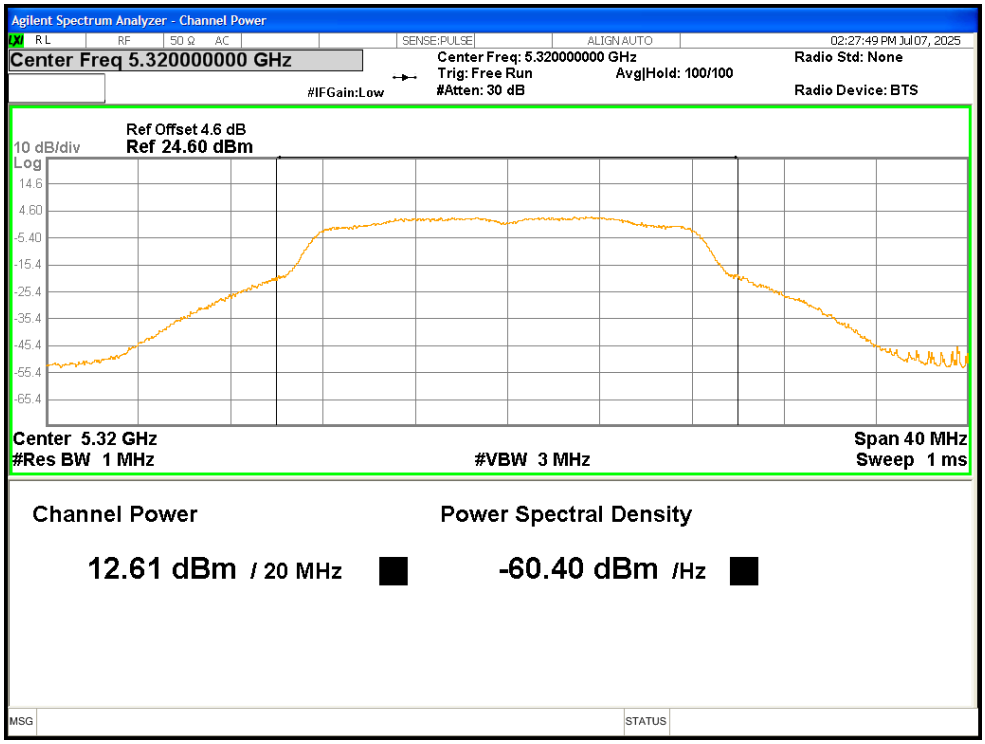
Power NVNT a 5260MHz



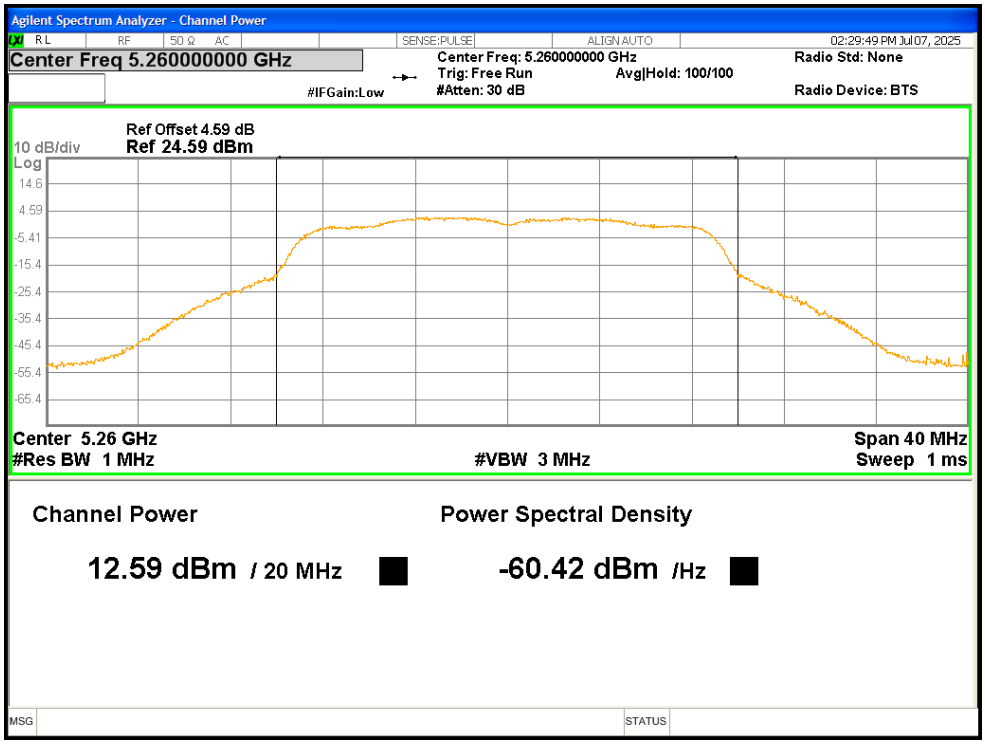
Power NVNT a 5300MHz



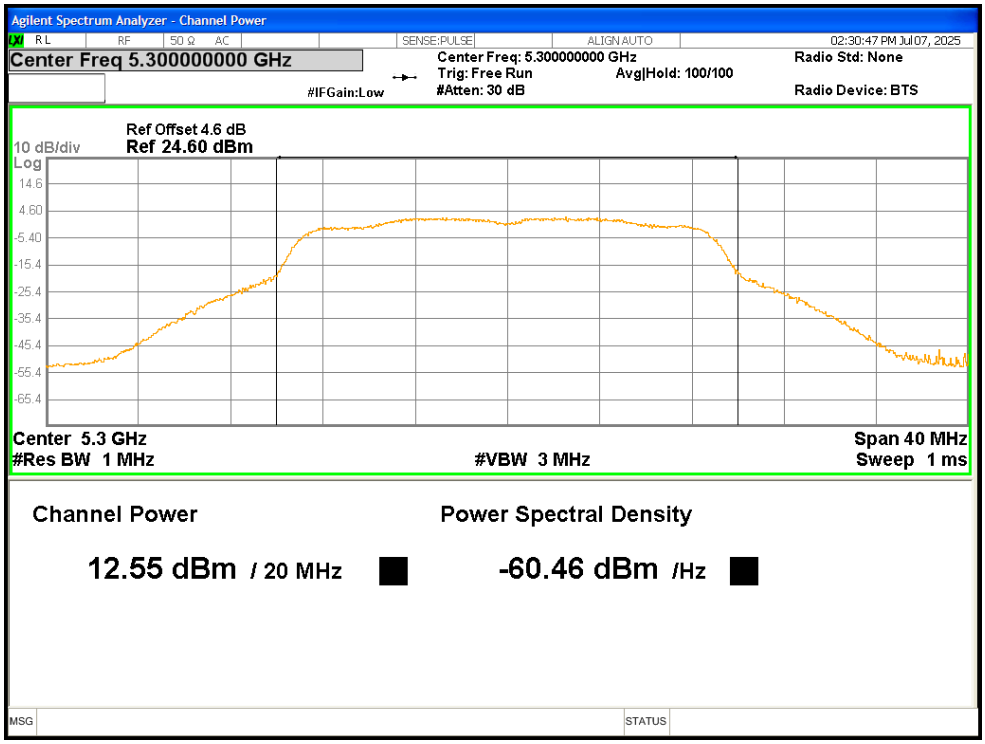
Power NVNT a 5320MHz



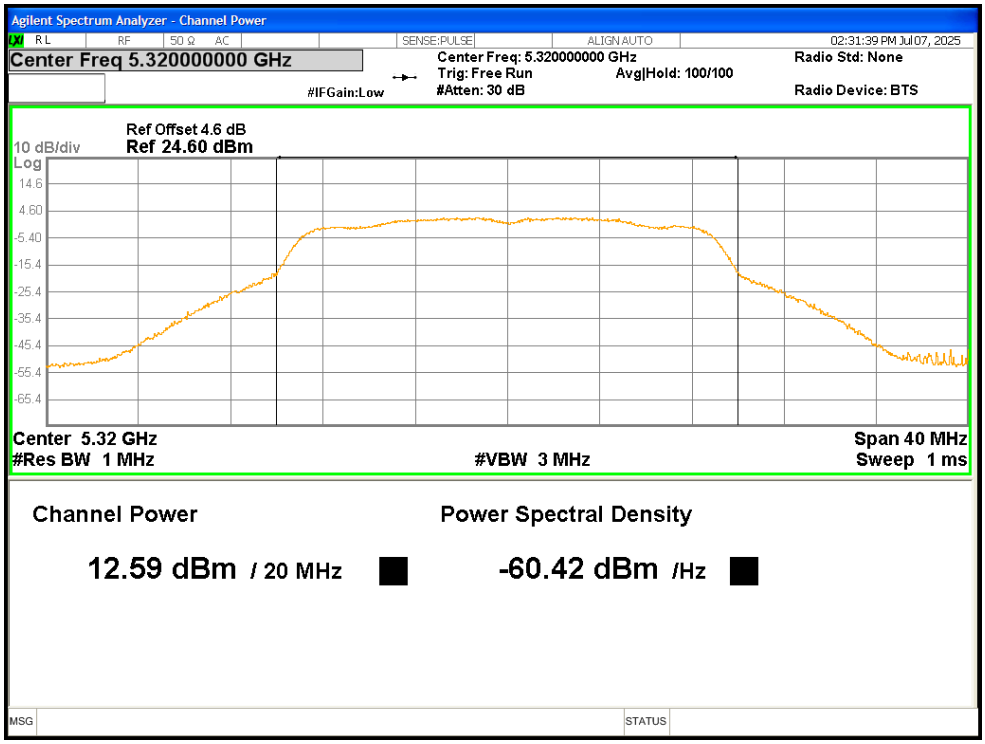
Power NVNT n20 5260MHz



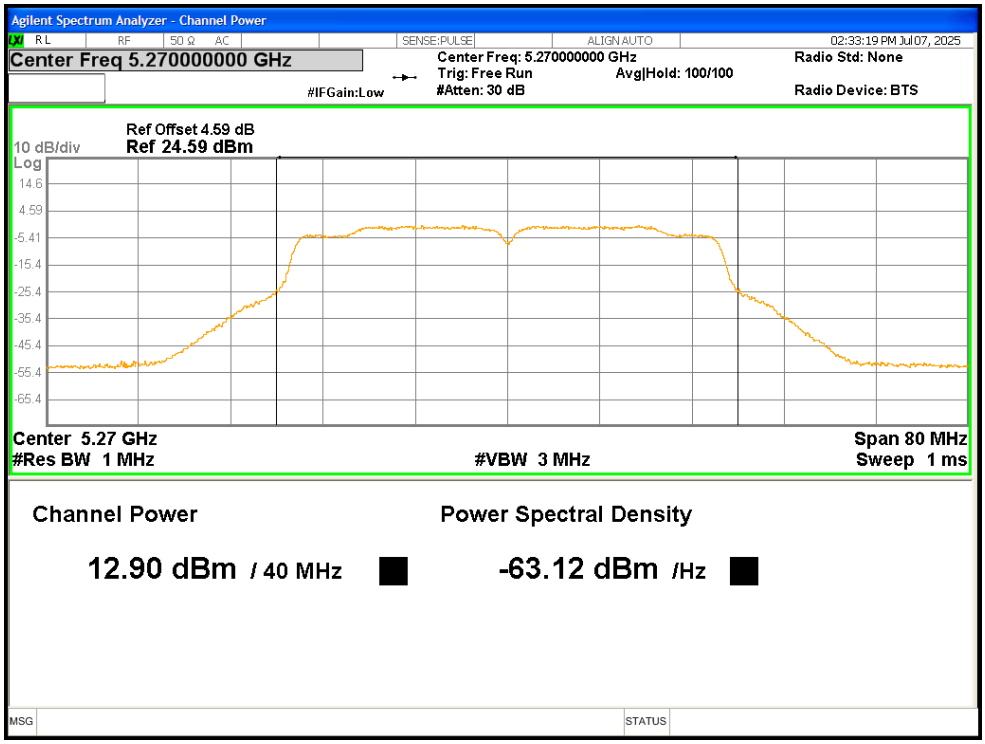
Power NVNT n20 5300MHz



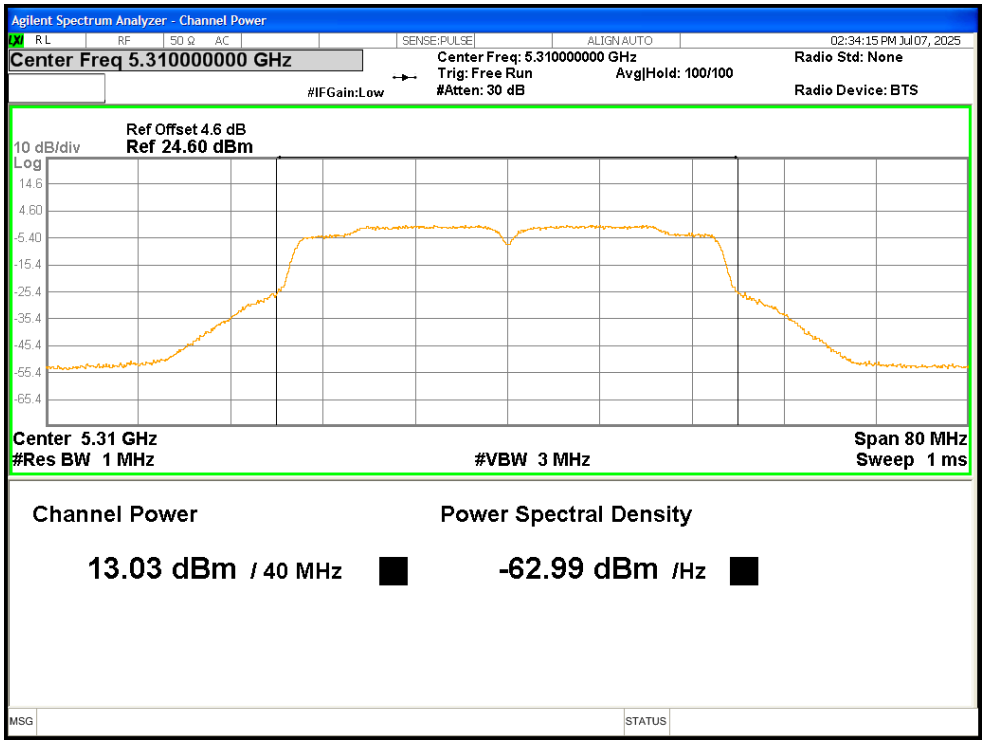
Power NVNT n20 5320MHz



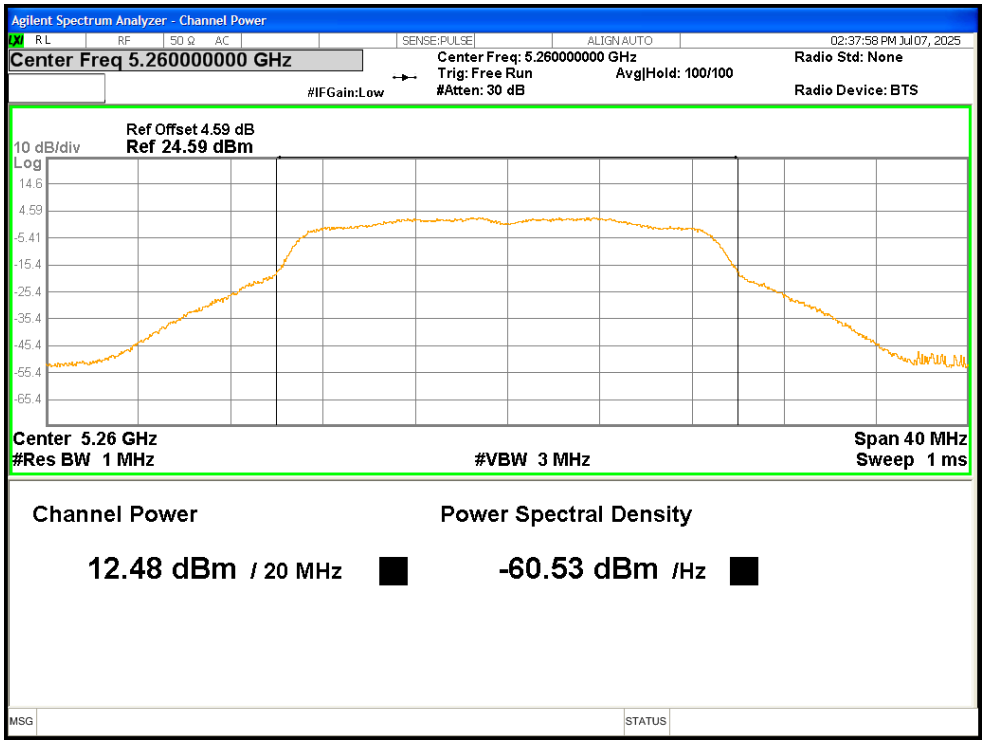
Power NVNT n40 5270MHz



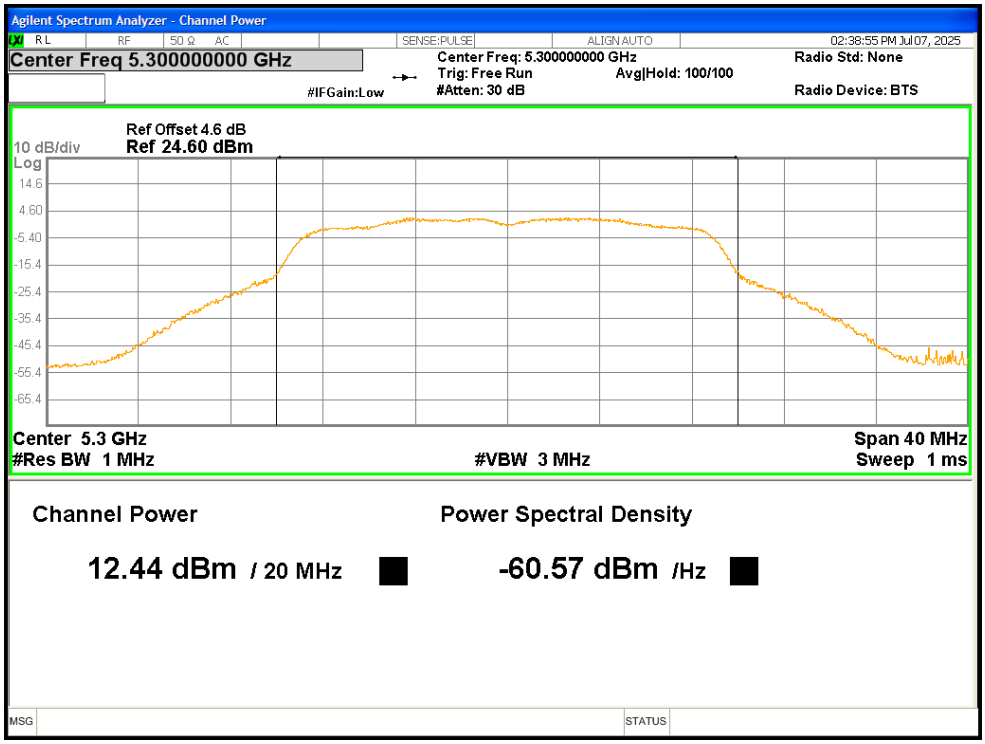
Power NVNT n40 5310MHz



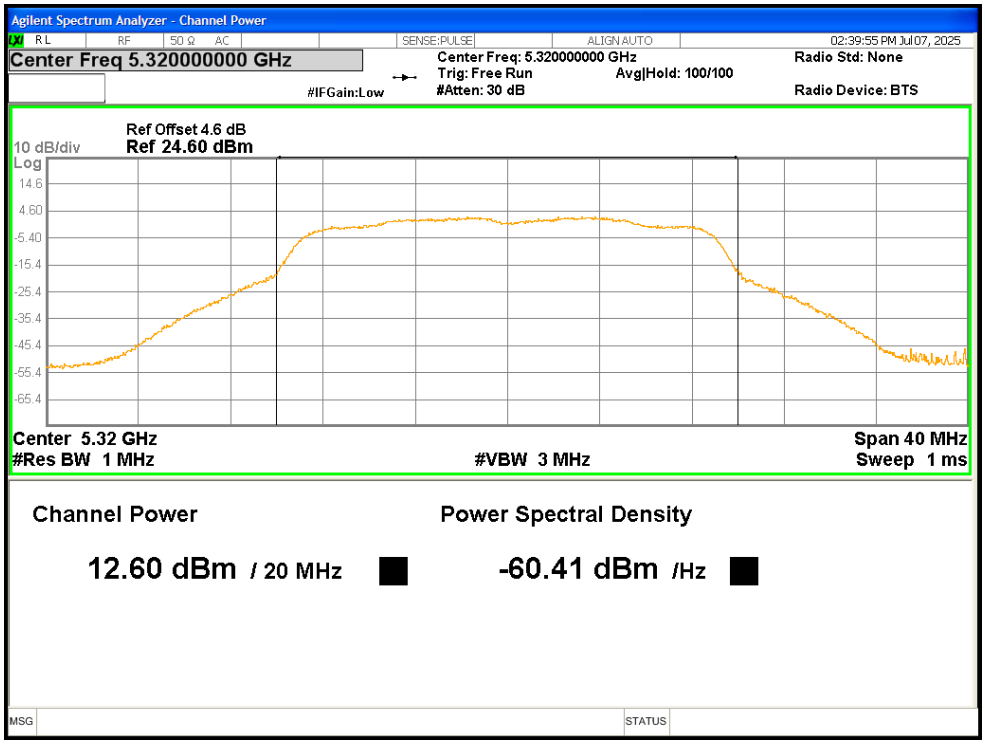
Power NVNT ac20 5260MHz



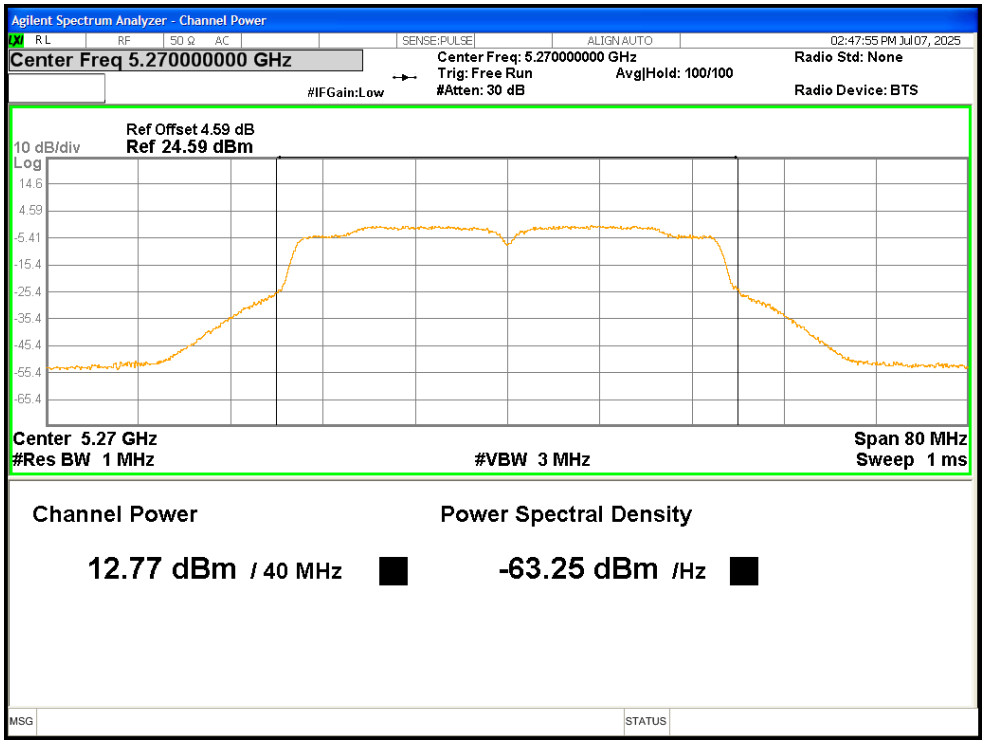
Power NVNT ac20 5300MHz



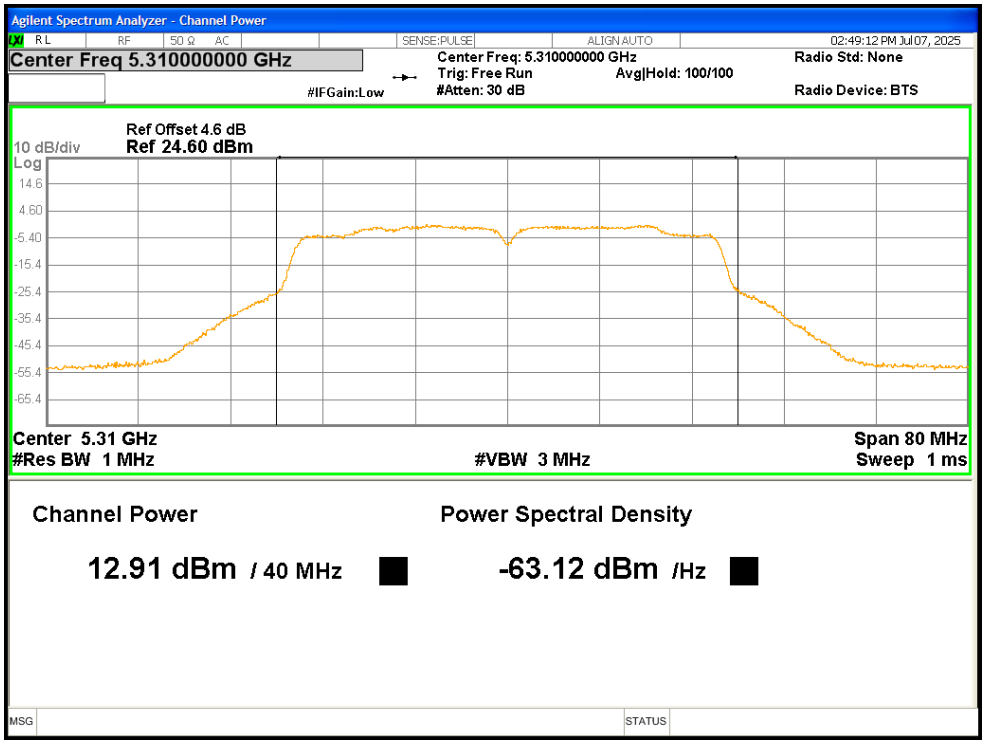
Power NVNT ac20 5320MHz



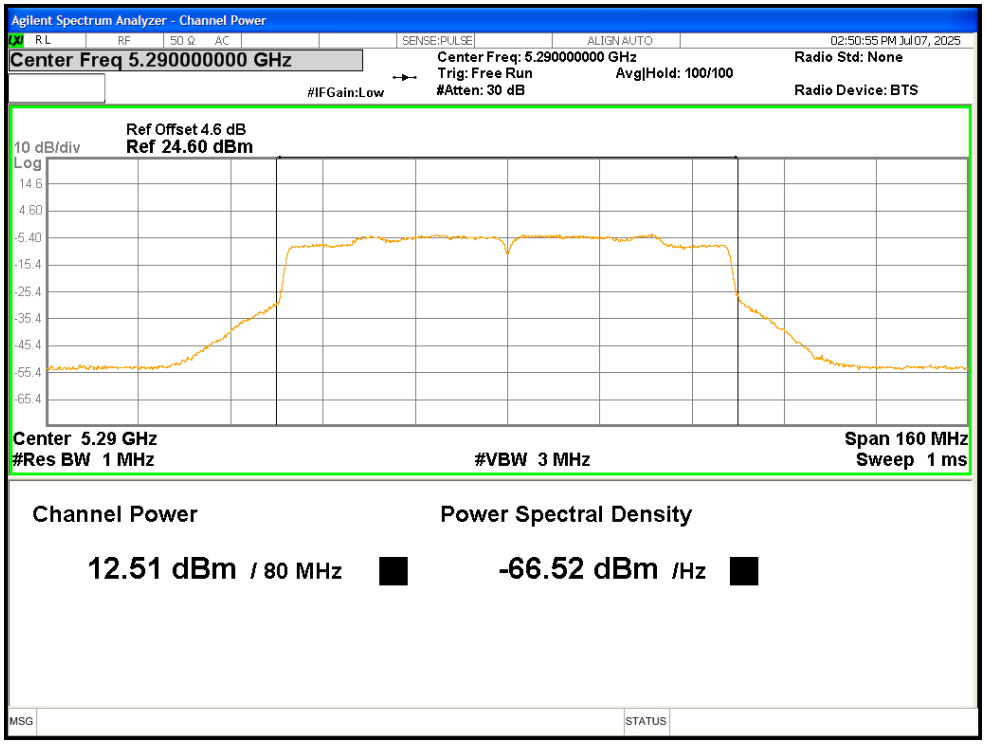
Power NVNT ac40 5270MHz



Power NVNT ac40 5310MHz



Power NVNT ac80 5290MHz

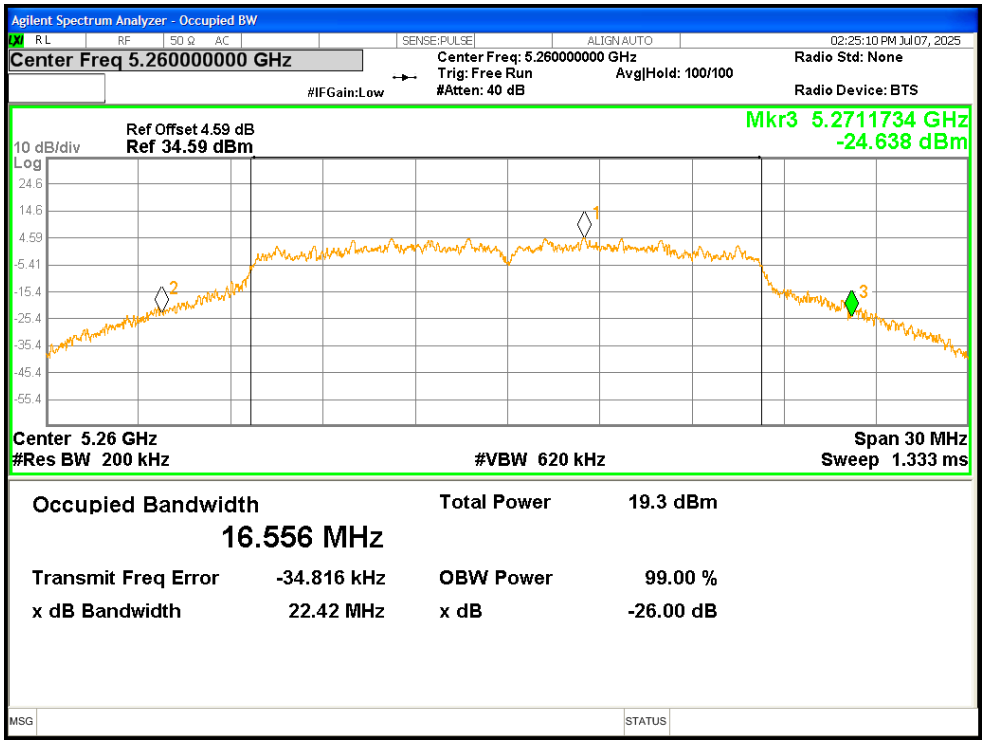


-26dB Bandwidth

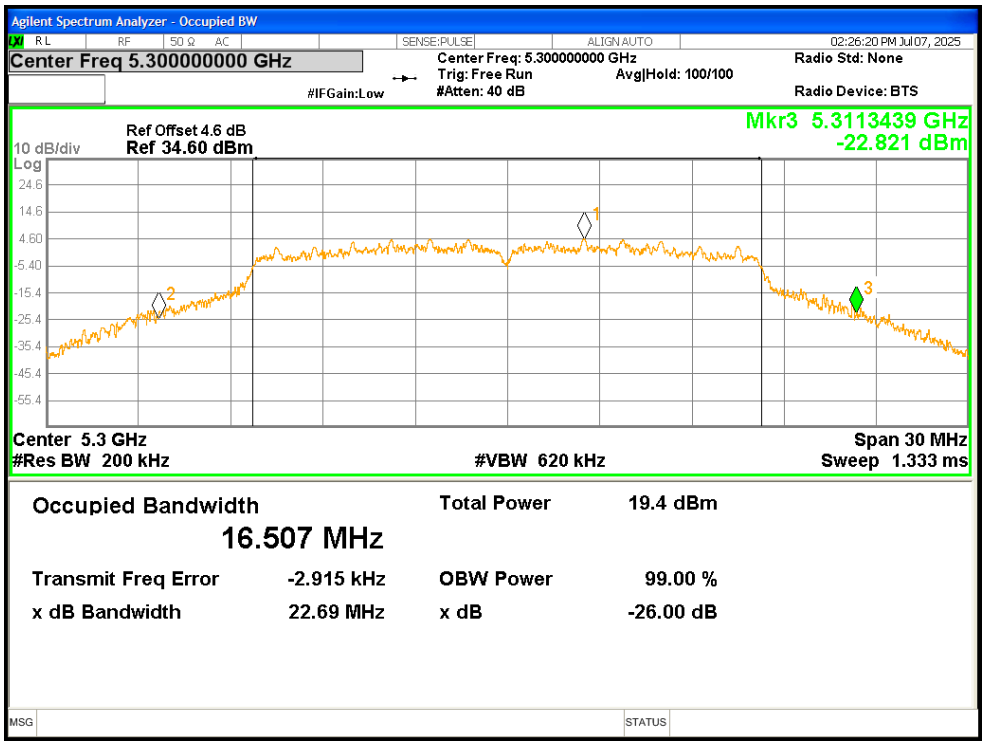
Condition	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	22.4165	Pass
NVNT	a	5300	22.6937	Pass
NVNT	a	5320	22.342	Pass
NVNT	n20	5260	23.168	Pass
NVNT	n20	5300	23.0474	Pass
NVNT	n20	5320	22.2053	Pass
NVNT	n40	5270	42.6141	Pass
NVNT	n40	5310	44.2056	Pass
NVNT	ac20	5260	23.0388	Pass
NVNT	ac20	5300	23.493	Pass
NVNT	ac20	5320	23.4437	Pass
NVNT	ac40	5270	43.8966	Pass
NVNT	ac40	5310	43.8355	Pass
NVNT	ac80	5290	84.8137	Pass

Test Graphs

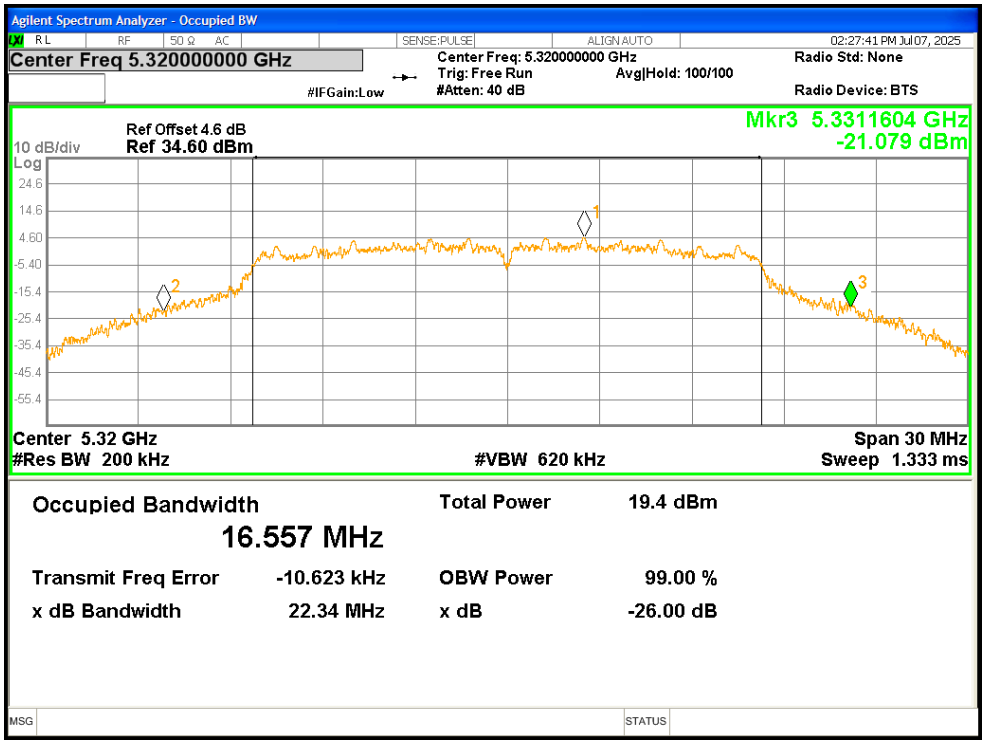
-26dB Bandwidth NVNT a 5260MHz



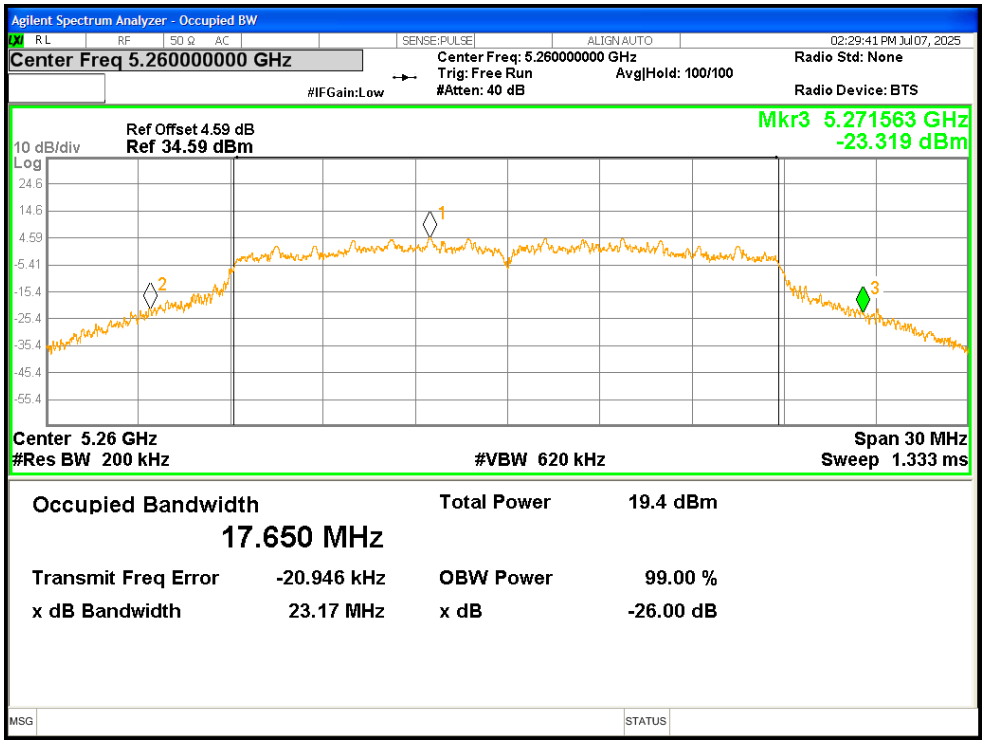
-26dB Bandwidth NVNT a 5300MHz



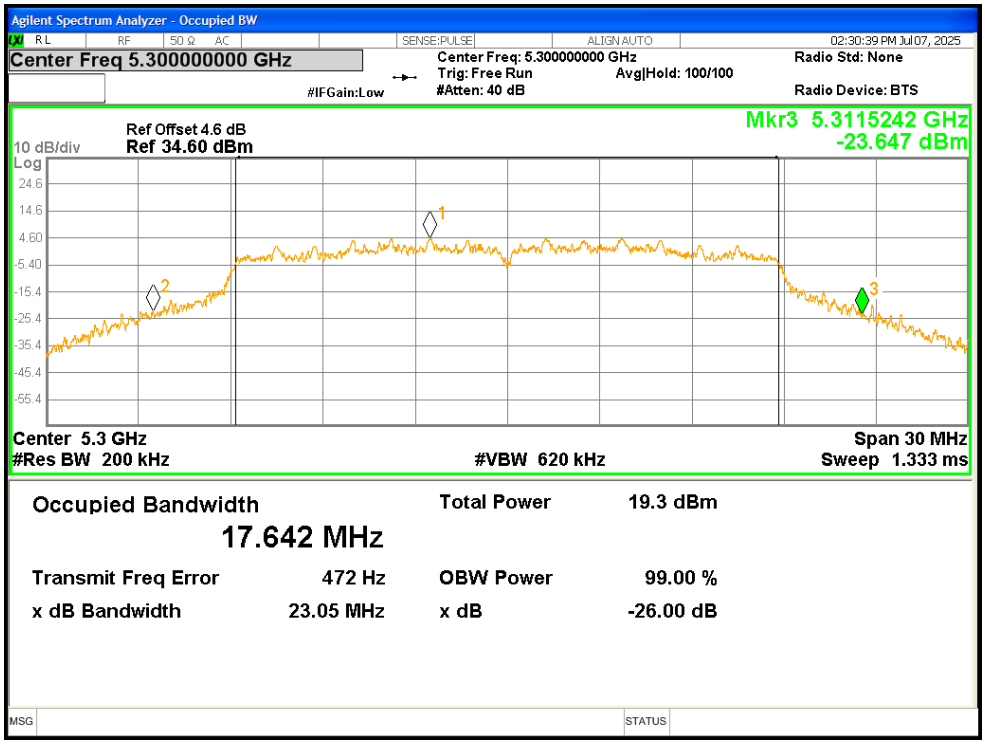
-26dB Bandwidth NVNT a 5320MHz



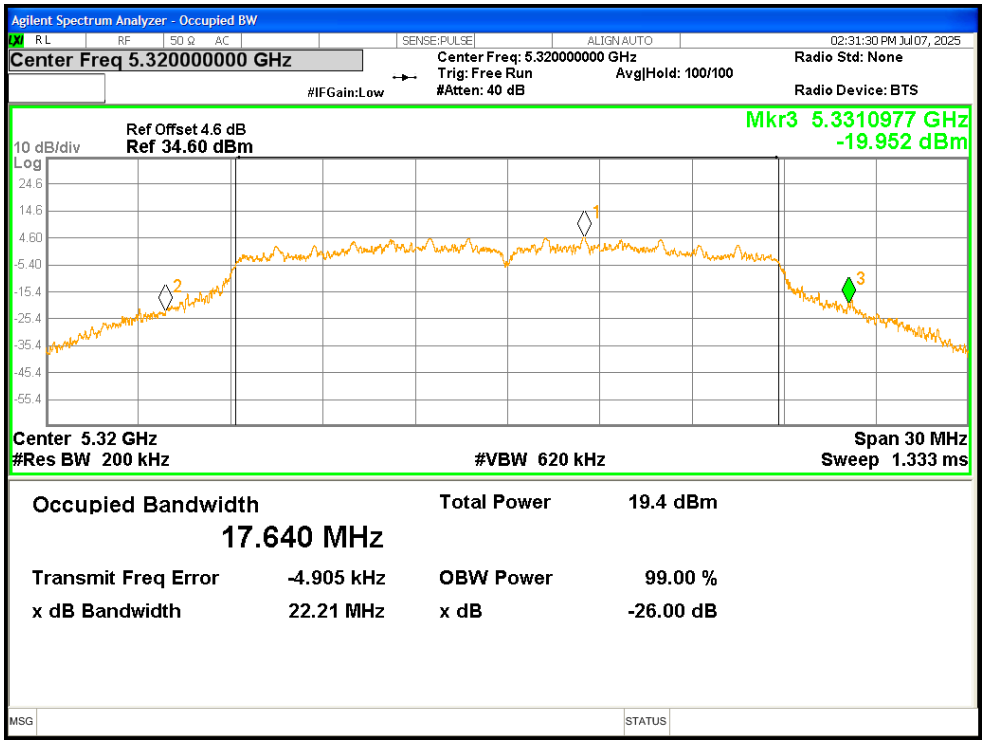
-26dB Bandwidth NVNT n20 5260MHz



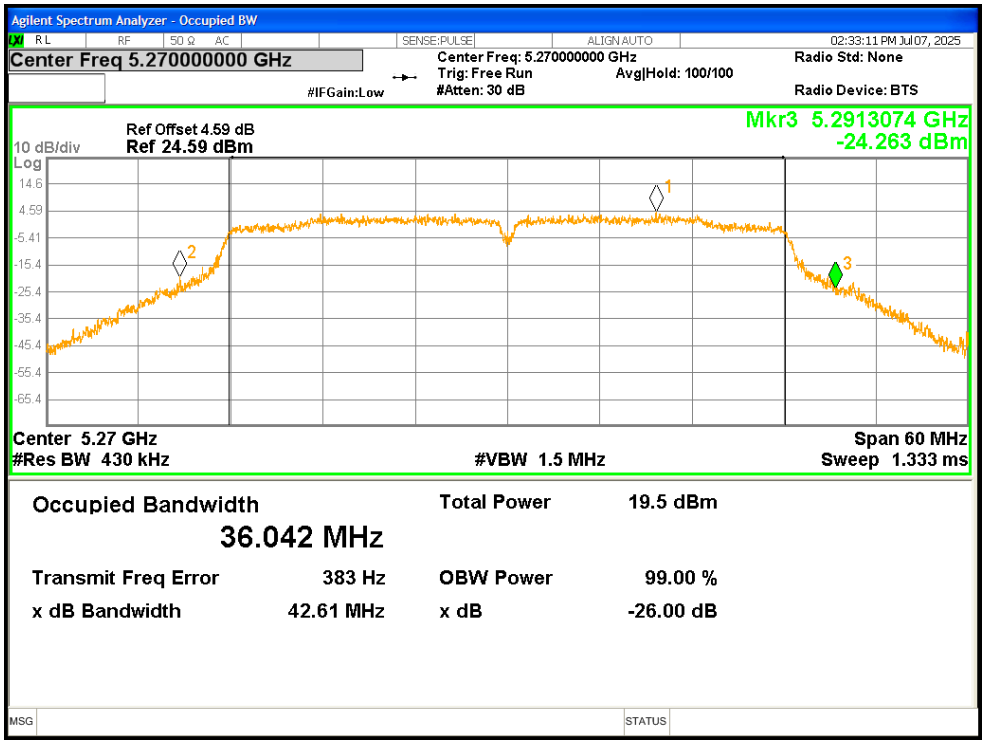
-26dB Bandwidth NVNT n20 5300MHz



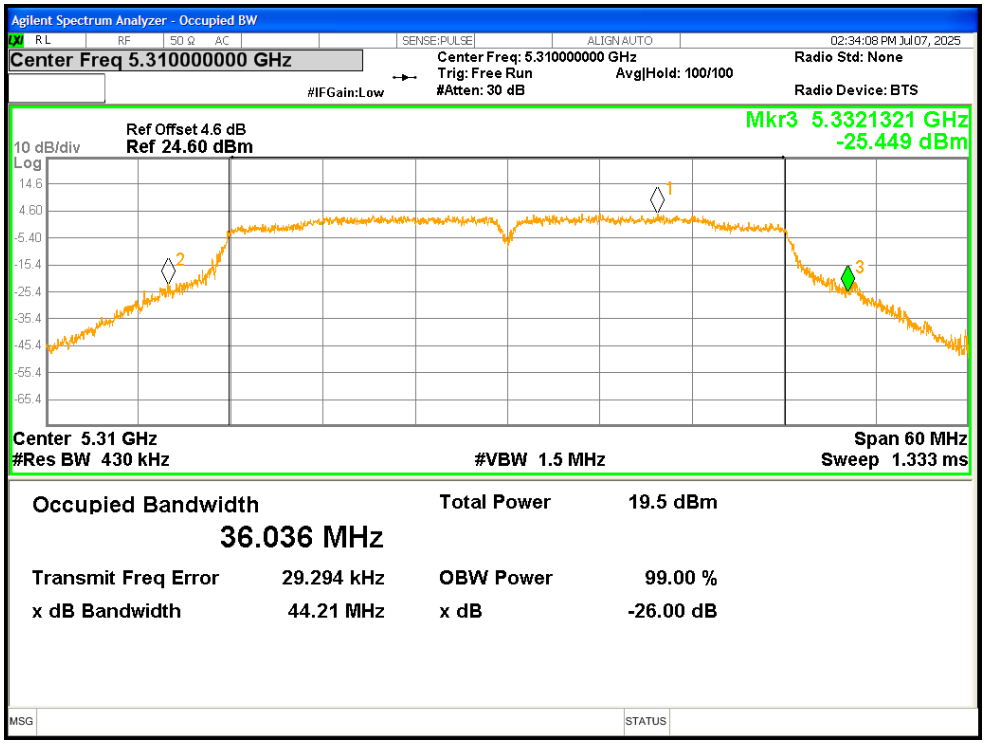
-26dB Bandwidth NVNT n20 5320MHz



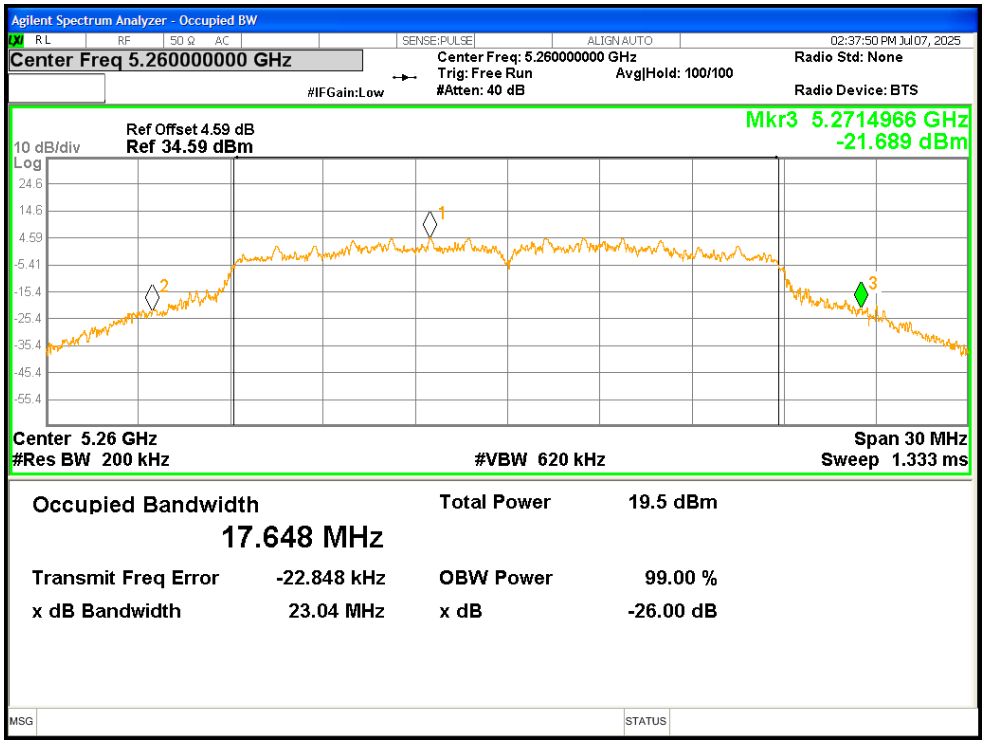
-26dB Bandwidth NVNT n40 5270MHz



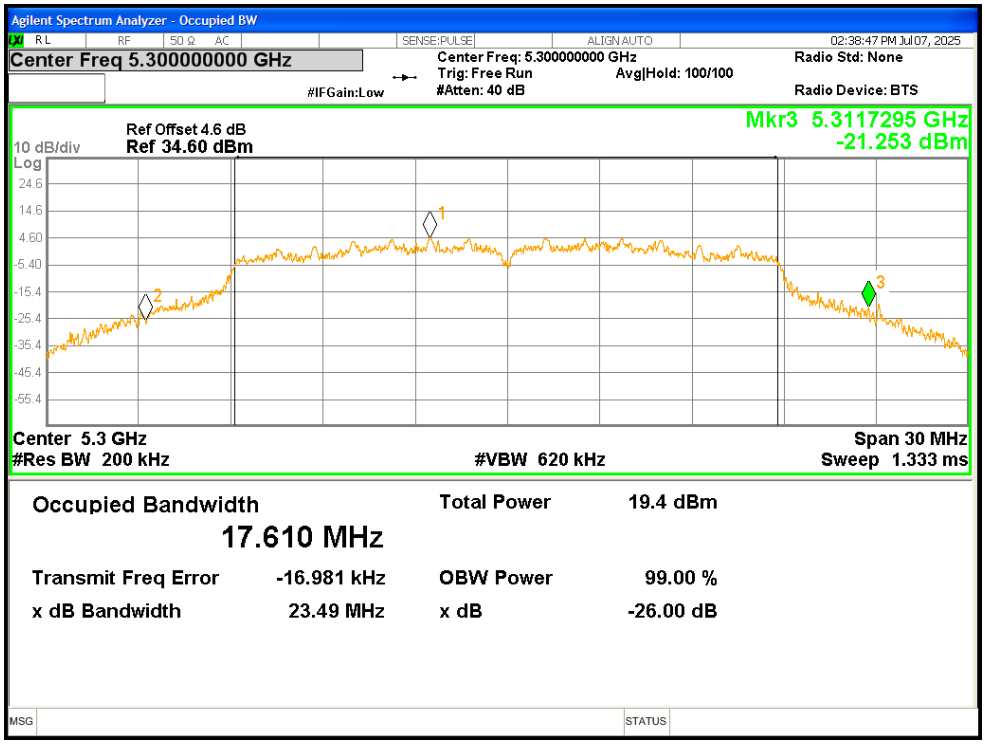
-26dB Bandwidth NVNT n40 5310MHz



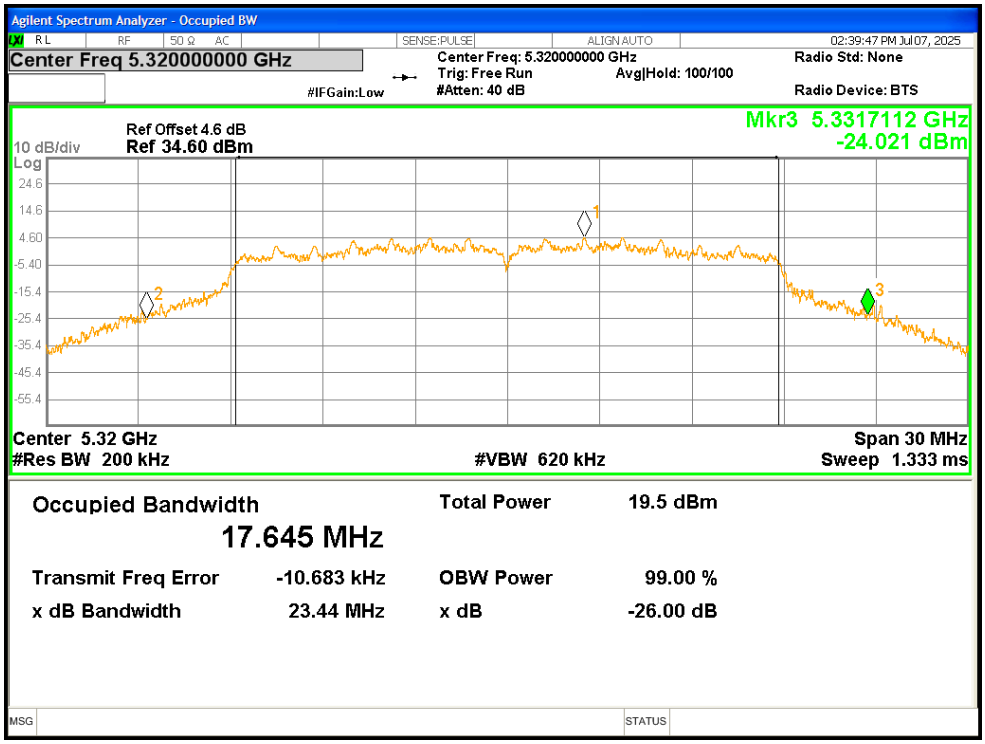
-26dB Bandwidth NVNT ac20 5260MHz



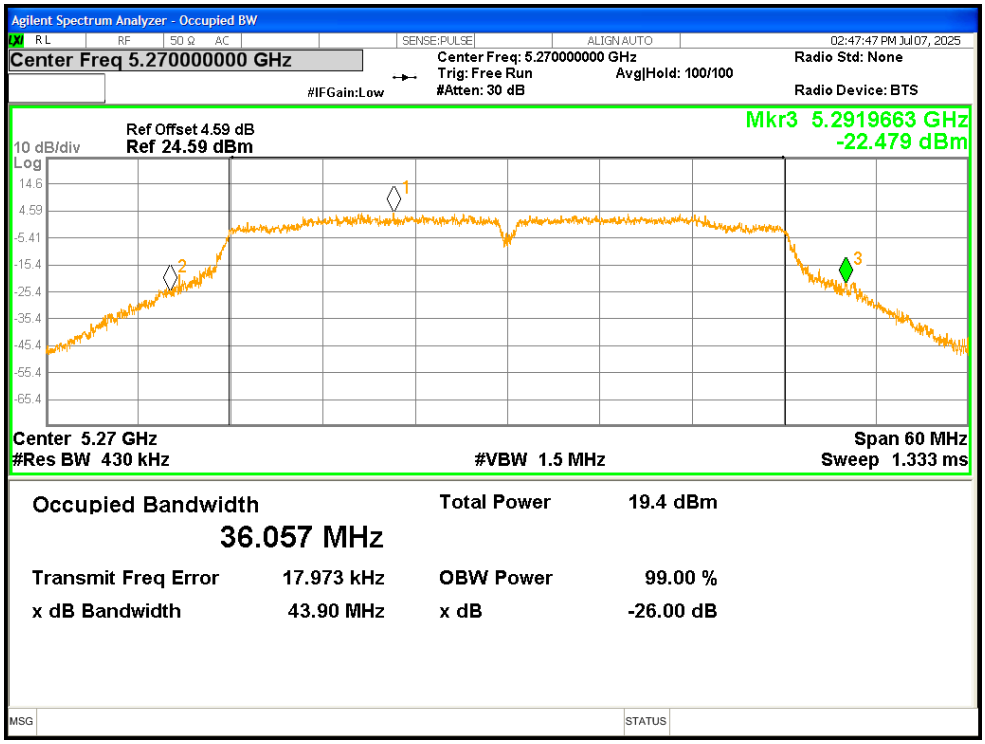
-26dB Bandwidth NVNT ac20 5300MHz



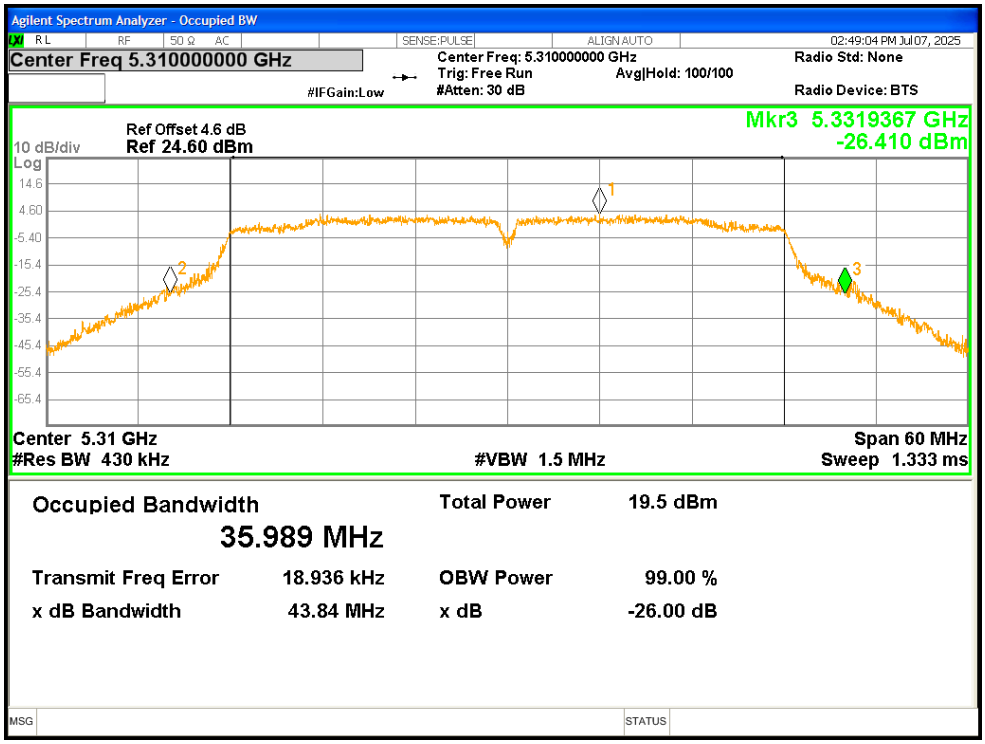
-26dB Bandwidth NVNT ac20 5320MHz



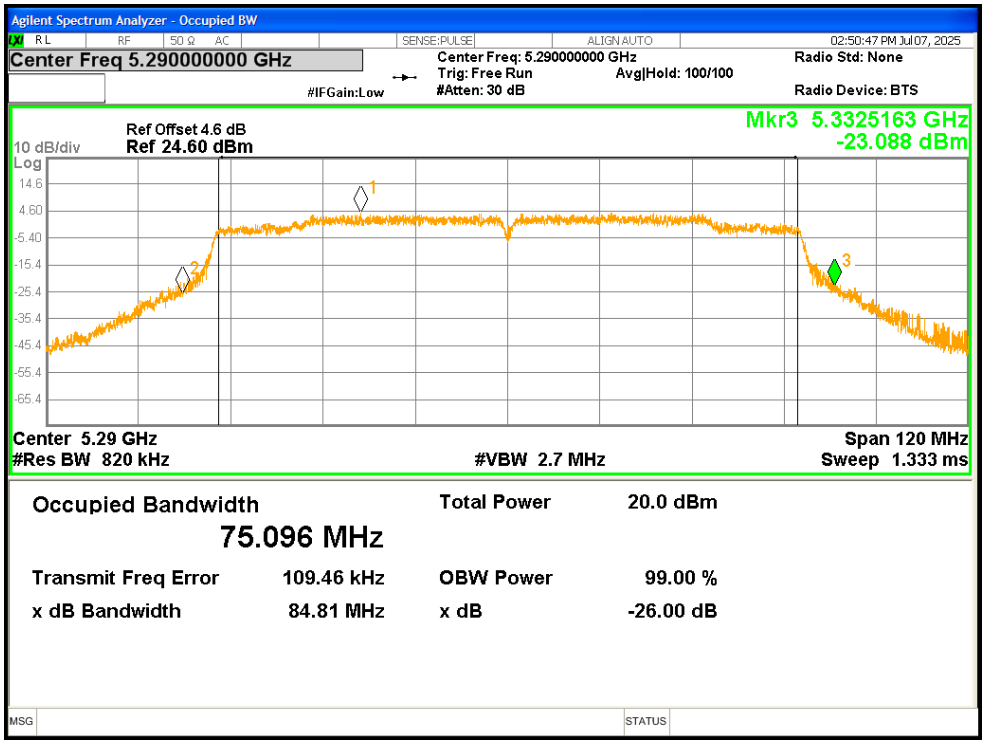
-26dB Bandwidth NVNT ac40 5270MHz



-26dB Bandwidth NVNT ac40 5310MHz



-26dB Bandwidth NVNT ac80 5290MHz

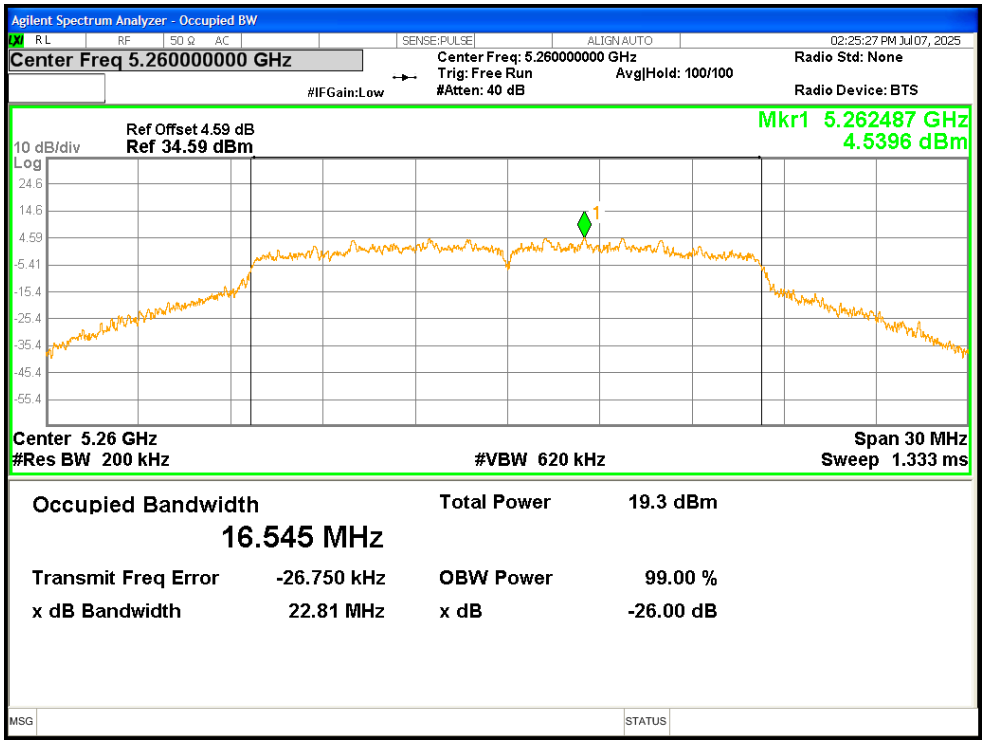


Occupied Channel Bandwidth

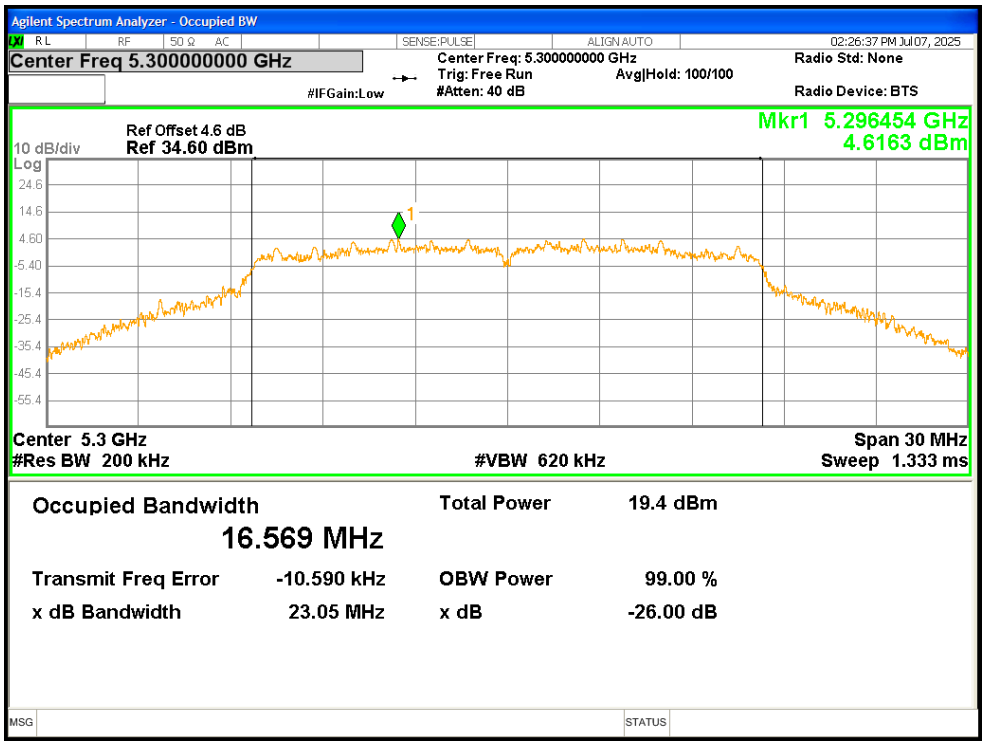
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5260	16.5452
NVNT	a	5300	16.5693
NVNT	a	5320	16.5378
NVNT	n20	5260	17.6401
NVNT	n20	5300	17.6736
NVNT	n20	5320	17.6335
NVNT	n40	5270	36.0126
NVNT	n40	5310	36.035
NVNT	ac20	5260	17.6612
NVNT	ac20	5300	17.6419
NVNT	ac20	5320	17.6263
NVNT	ac40	5270	36.0221
NVNT	ac40	5310	36.0138
NVNT	ac80	5290	75.1073

Test Graphs

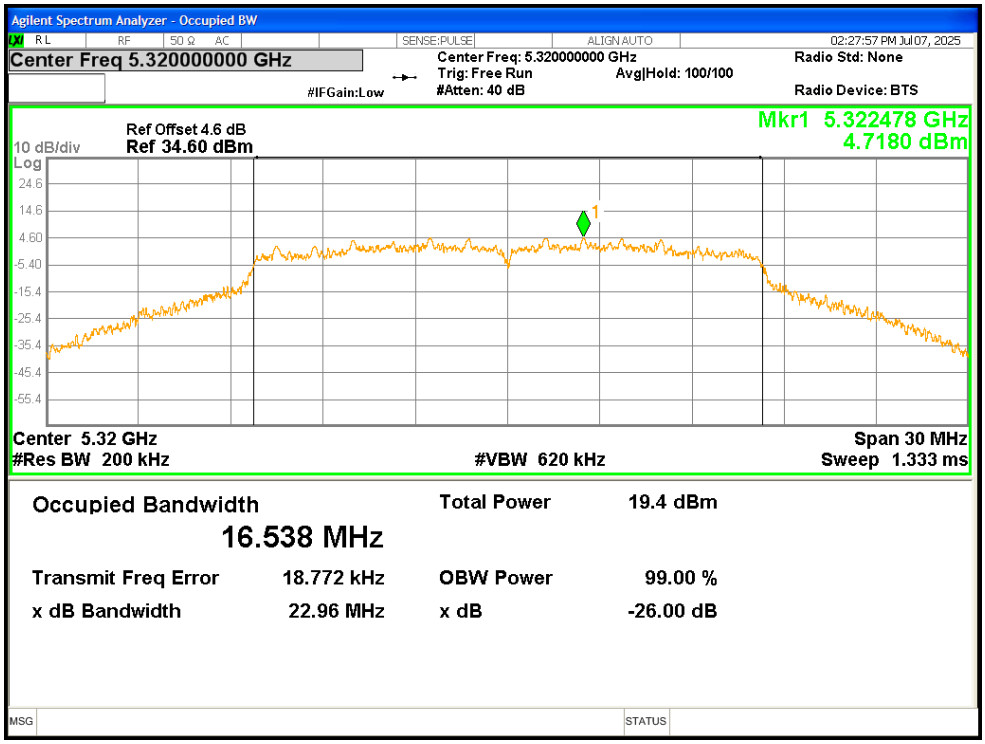
OBW NVNT a 5260MHz



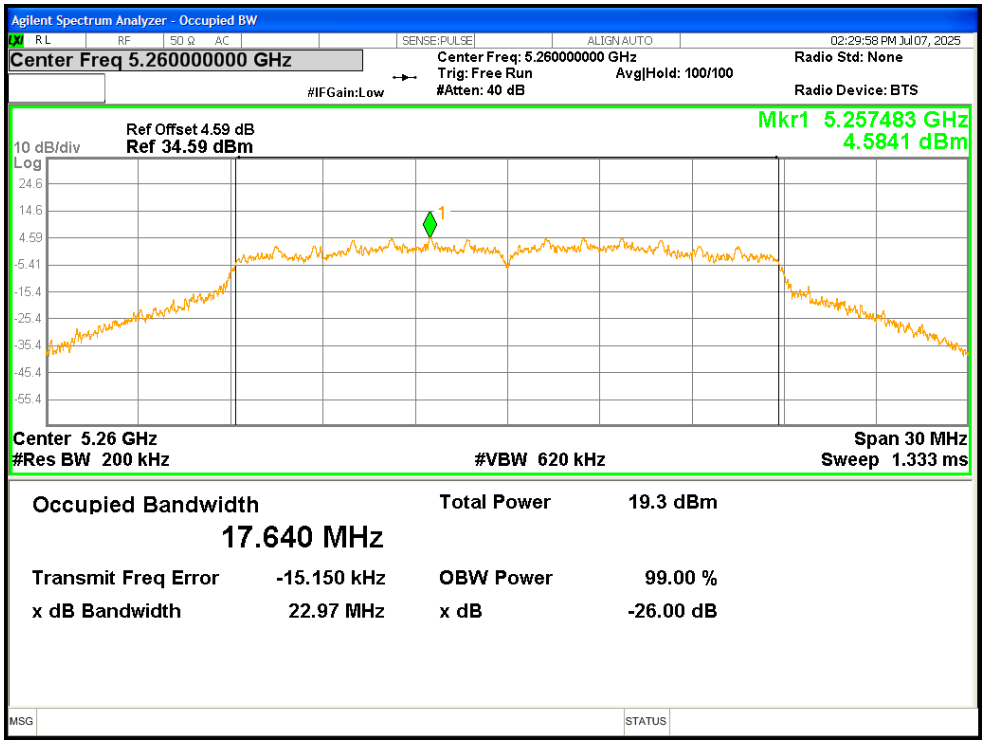
OBW NVNT a 5300MHz



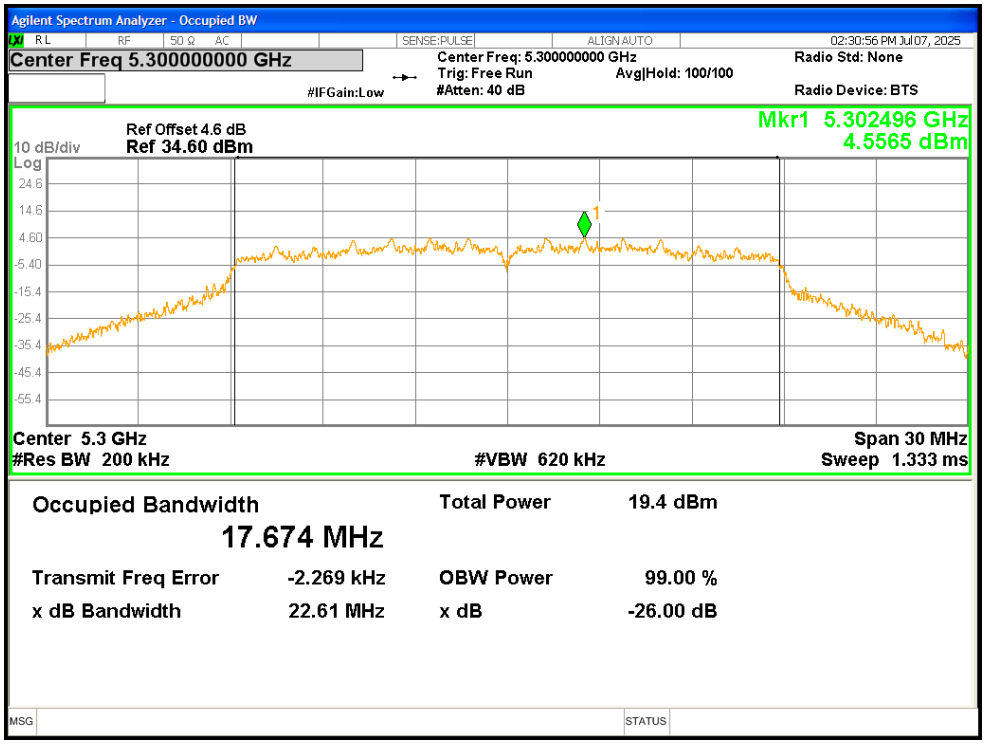
OBW NVNT a 5320MHz



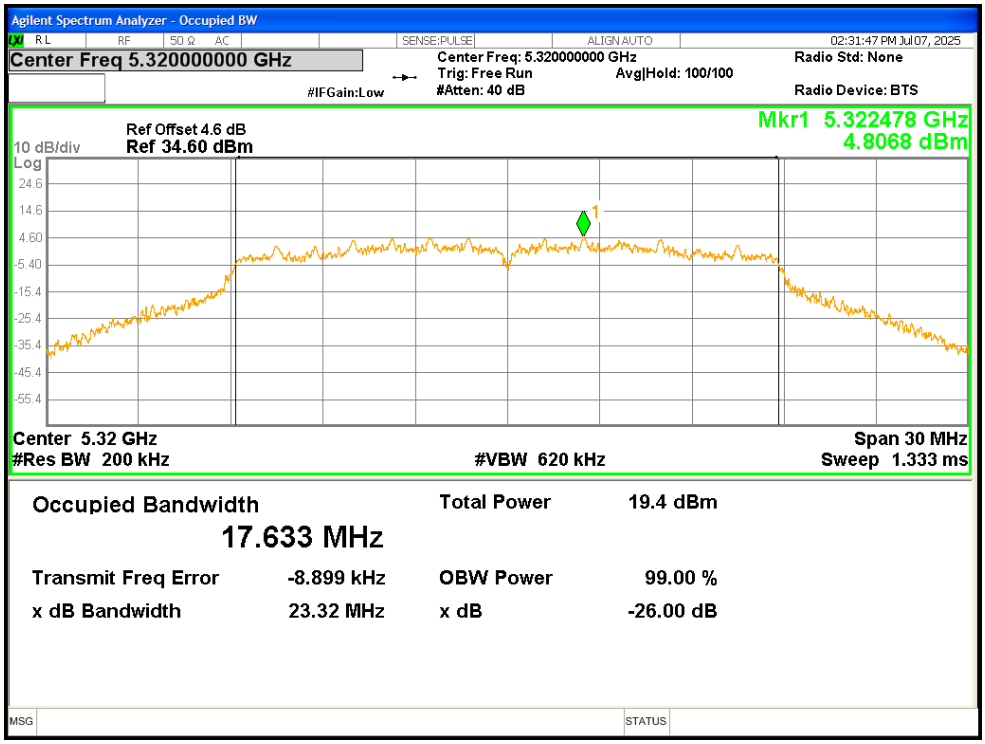
OBW NVNT n20 5260MHz



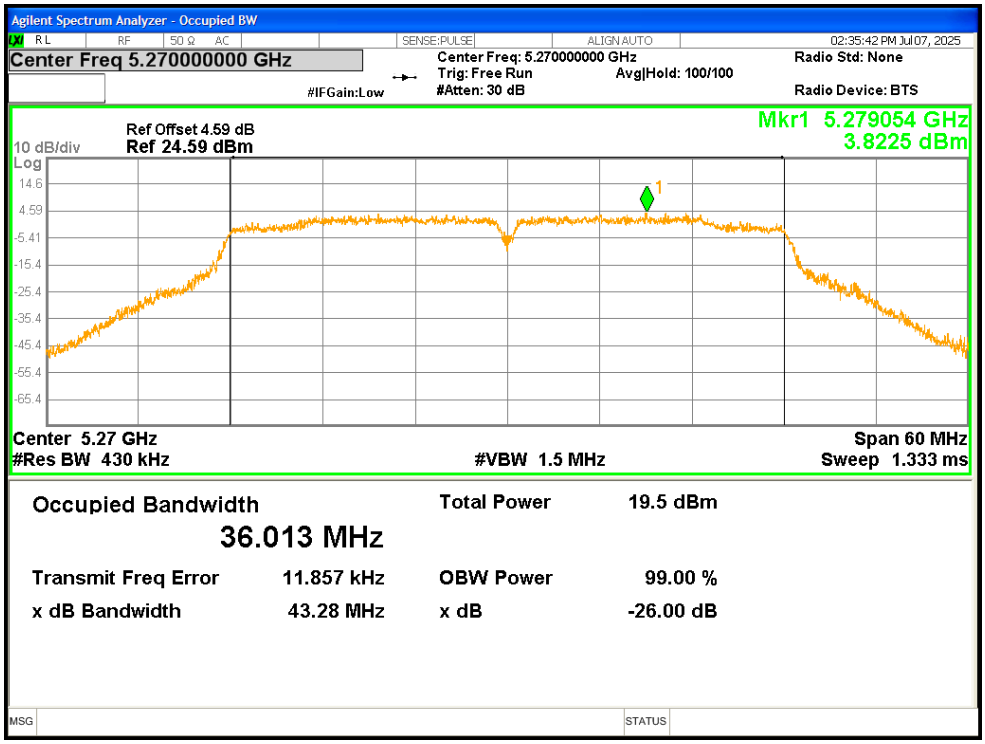
OBW NVNT n20 5300MHz



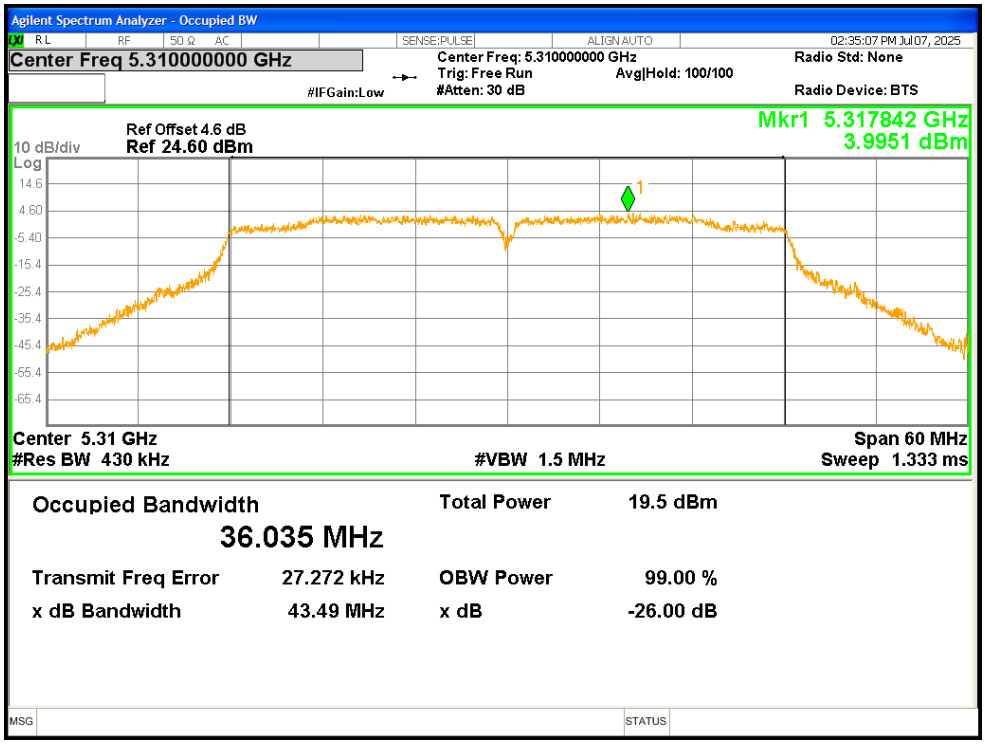
OBW NVNT n20 5320MHz



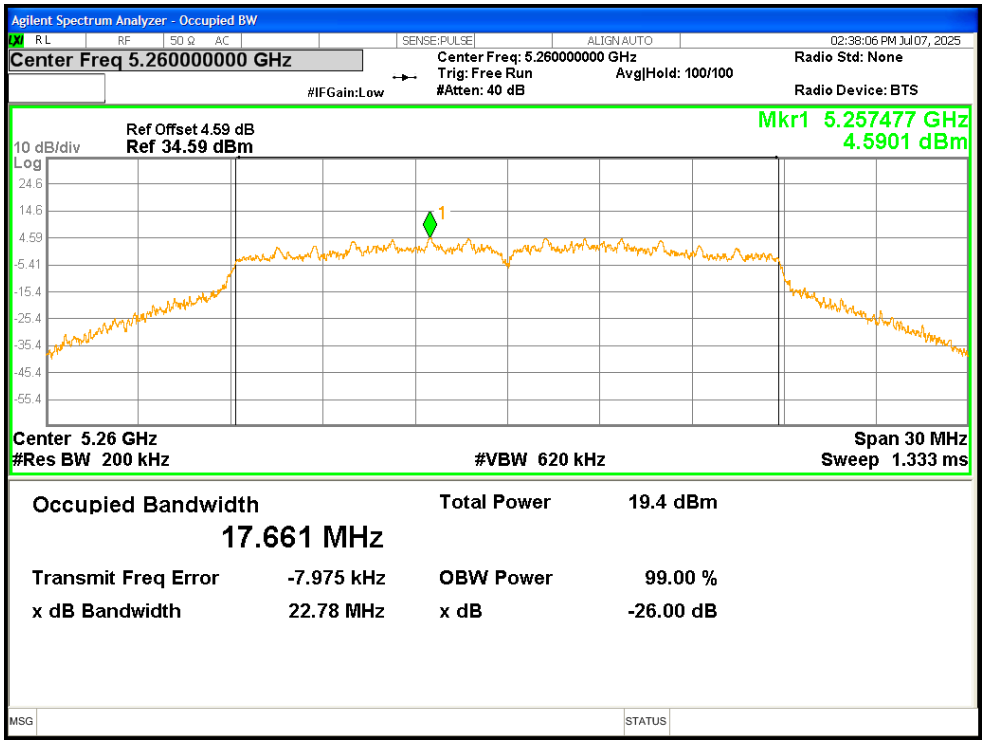
OBW NVNT n40 5270MHz



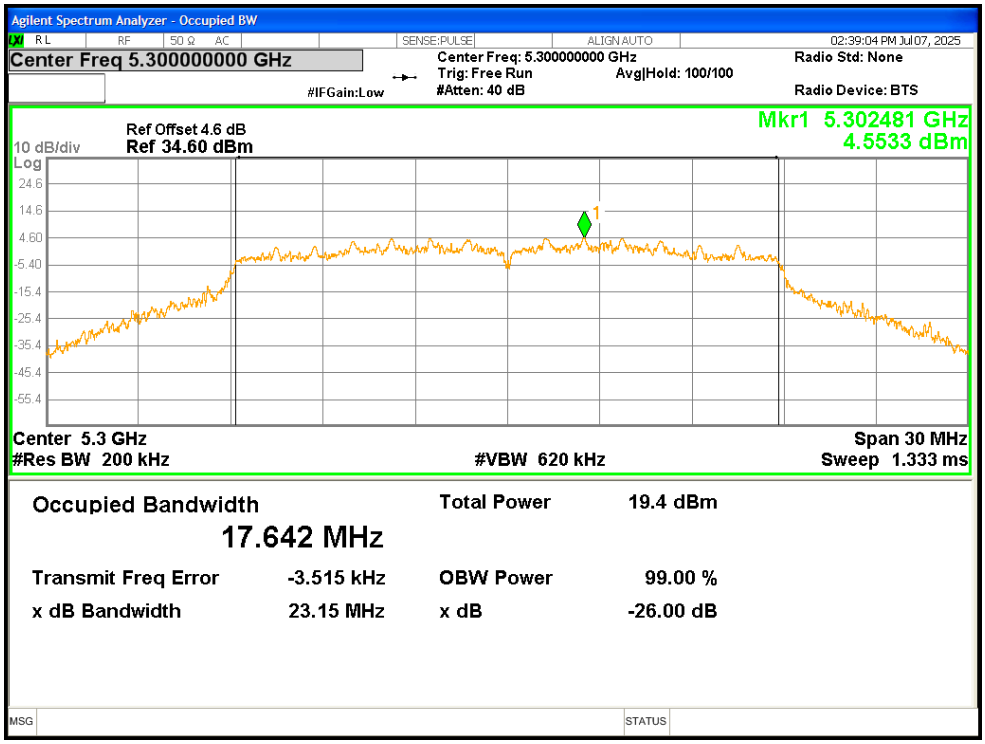
OBW NVNT n40 5310MHz



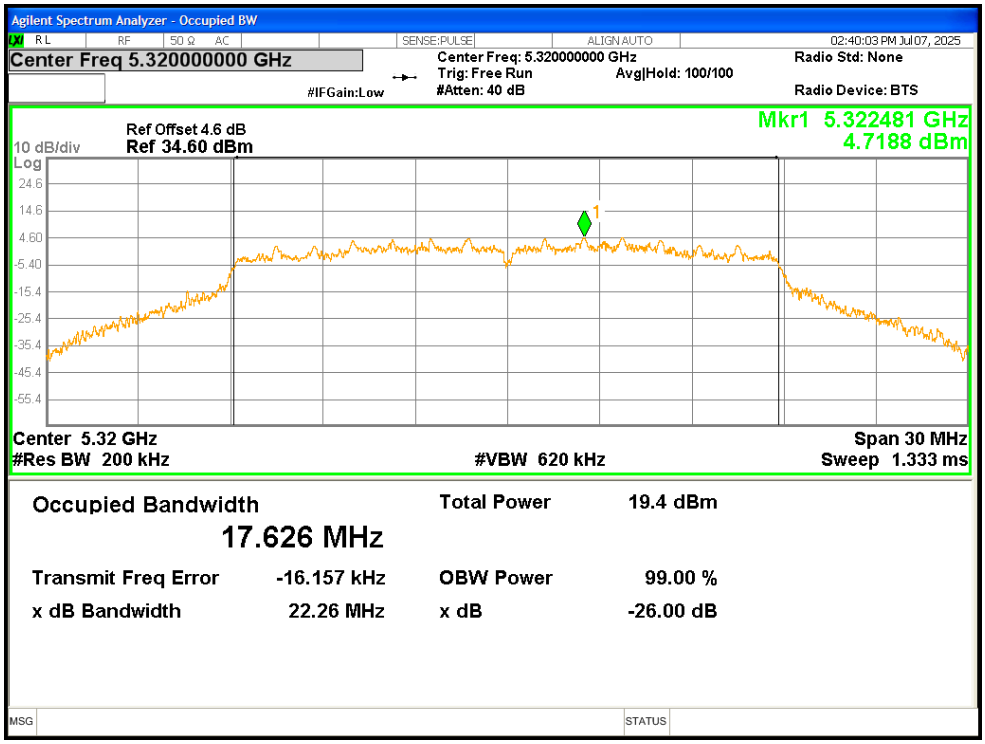
OBW NVNT ac20 5260MHz



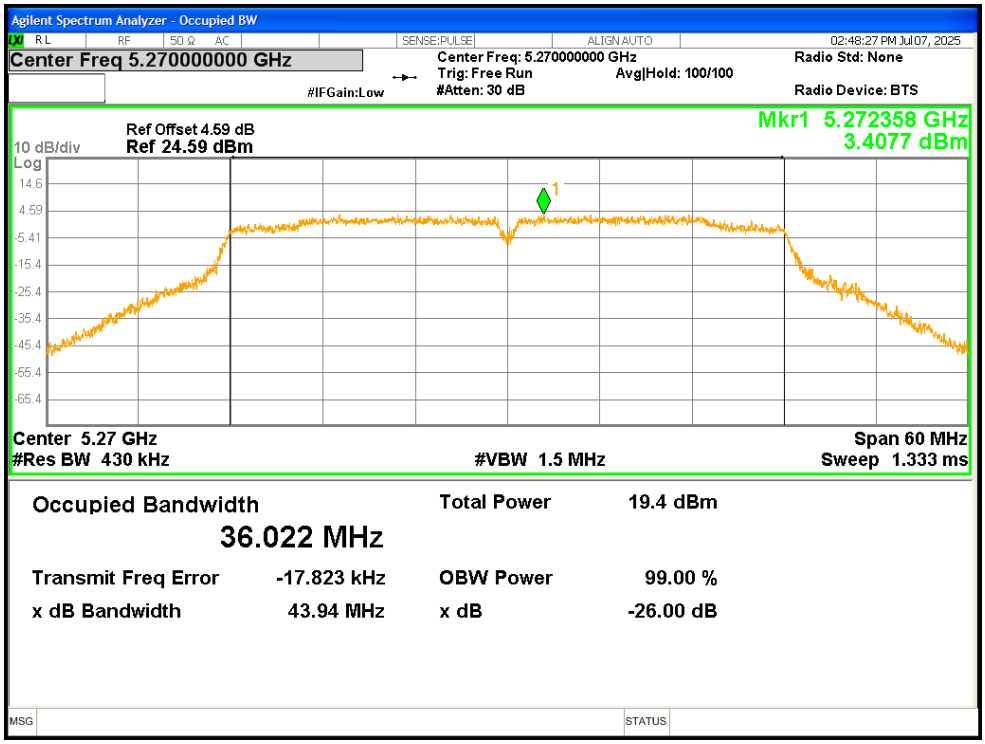
OBW NVNT ac20 5300MHz



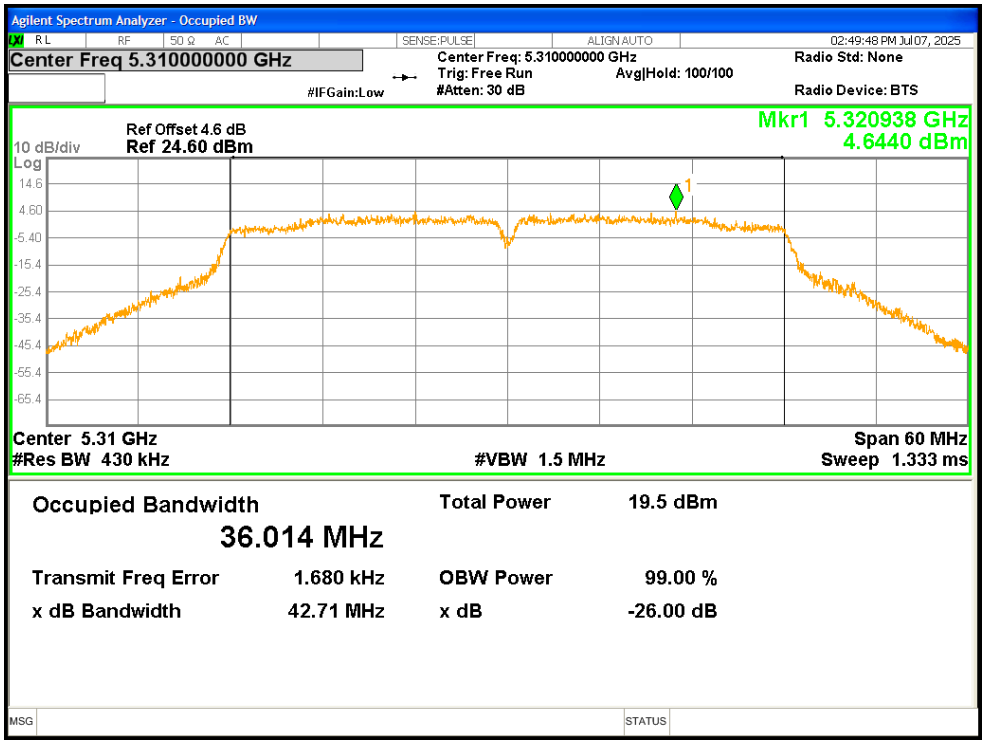
OBW NVNT ac20 5320MHz



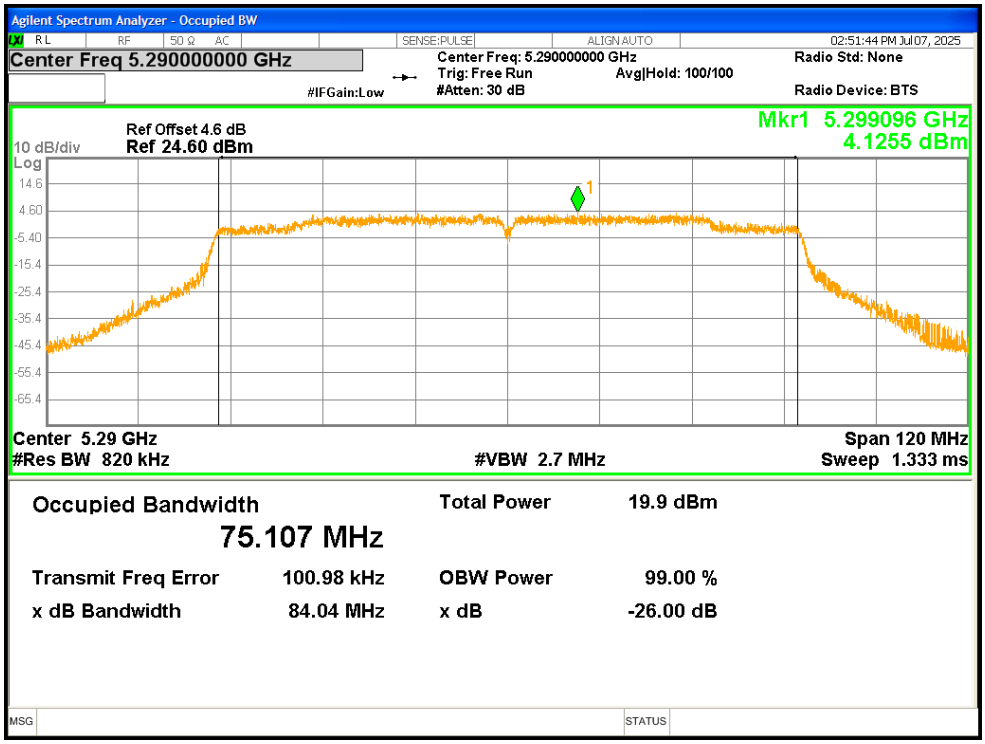
OBW NVNT ac40 5270MHz



OBW NVNT ac40 5310MHz



OBW NVNT ac80 5290MHz

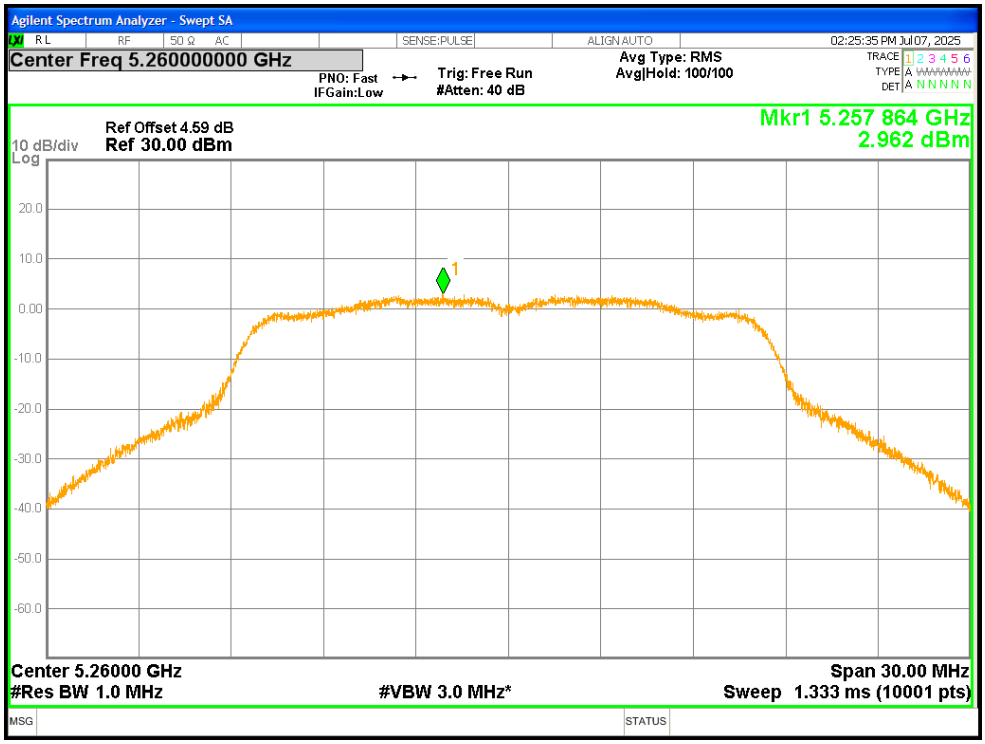


Maximum Power Spectral Density Level

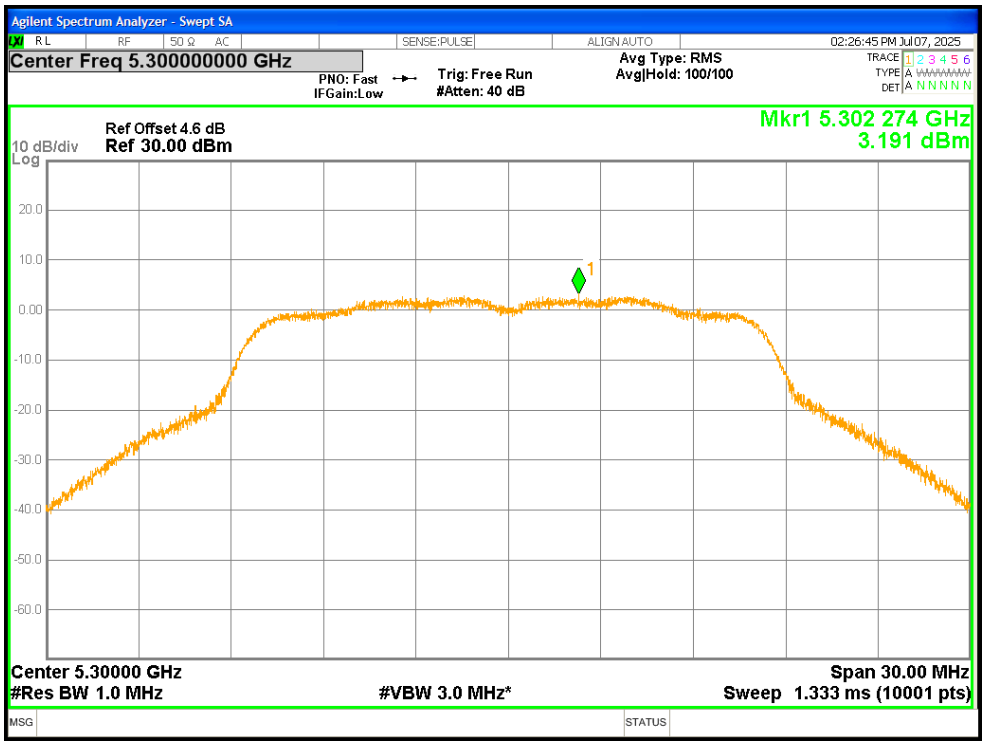
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	2.962	0.95	3.912	<=11	Pass
NVNT	a	5300	3.191	0.96	4.151	<=11	Pass
NVNT	a	5320	3	0.97	3.97	<=11	Pass
NVNT	n20	5260	2.542	0.88	3.422	<=11	Pass
NVNT	n20	5300	2.801	0.87	3.671	<=11	Pass
NVNT	n20	5320	2.824	0.89	3.714	<=11	Pass
NVNT	n40	5270	-0.215	0.92	0.705	<=11	Pass
NVNT	n40	5310	-0.202	0.91	0.708	<=11	Pass
NVNT	ac20	5260	2.794	0.88	3.674	<=11	Pass
NVNT	ac20	5300	3.088	0.9	3.988	<=11	Pass
NVNT	ac20	5320	2.778	0.9	3.678	<=11	Pass
NVNT	ac40	5270	0.153	0.99	1.143	<=11	Pass
NVNT	ac40	5310	-0.016	1.03	1.014	<=11	Pass
NVNT	ac80	5290	-3.565	1.05	-2.515	<=11	Pass

Test Graphs

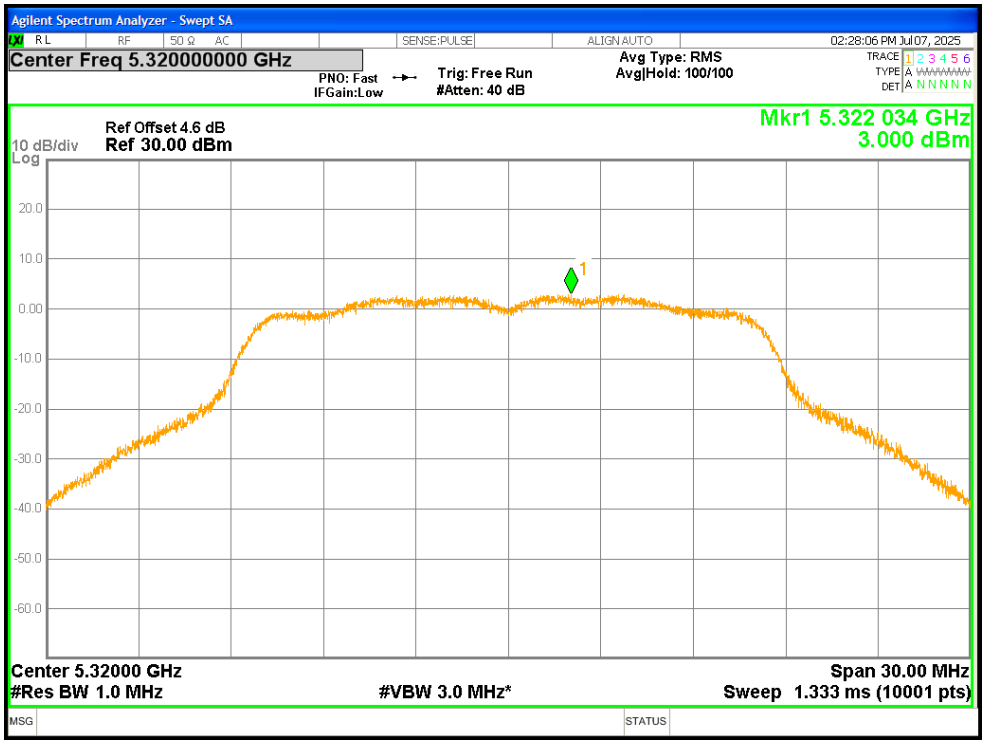
PSD NVNT a 5260MHz



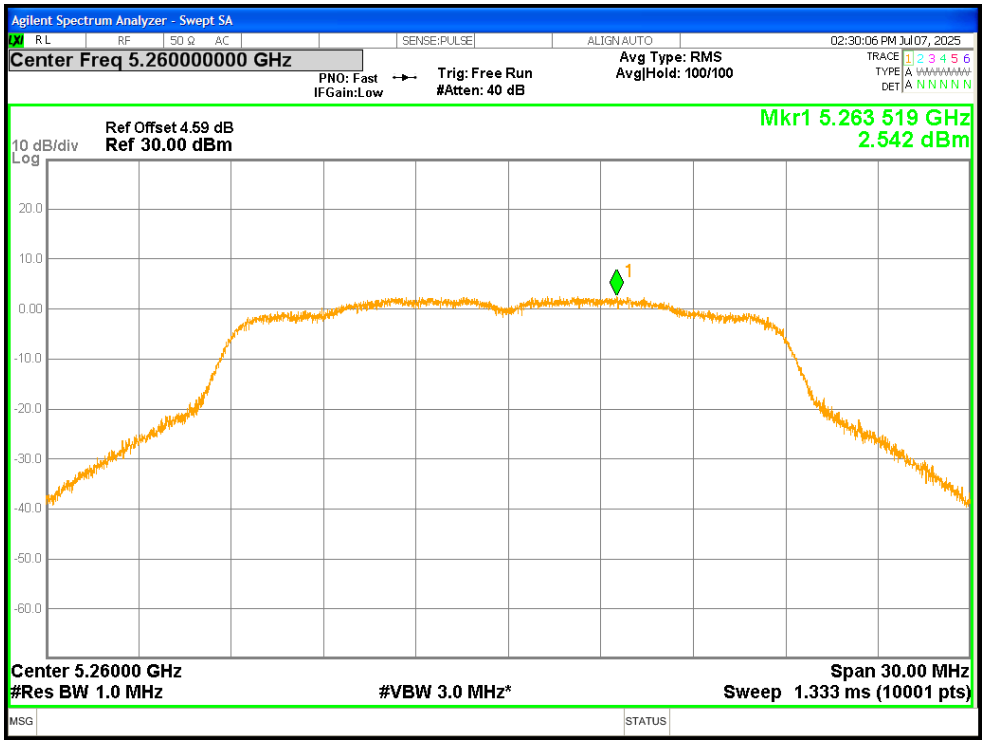
PSD NVNT a 5300MHz



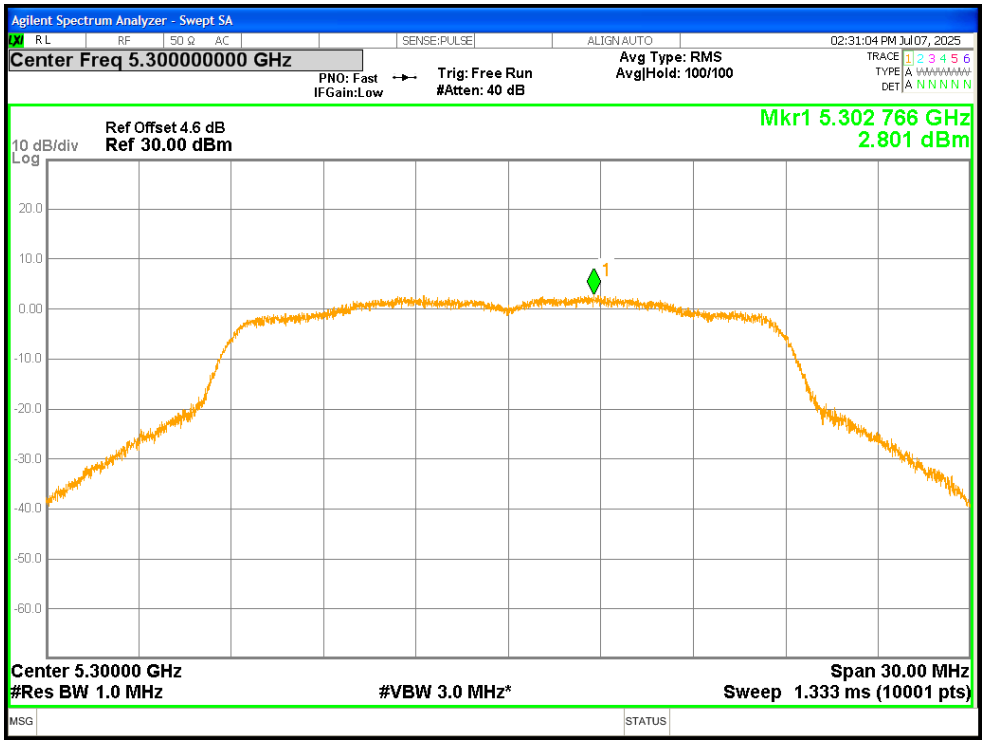
PSD NVNT a 5320MHz



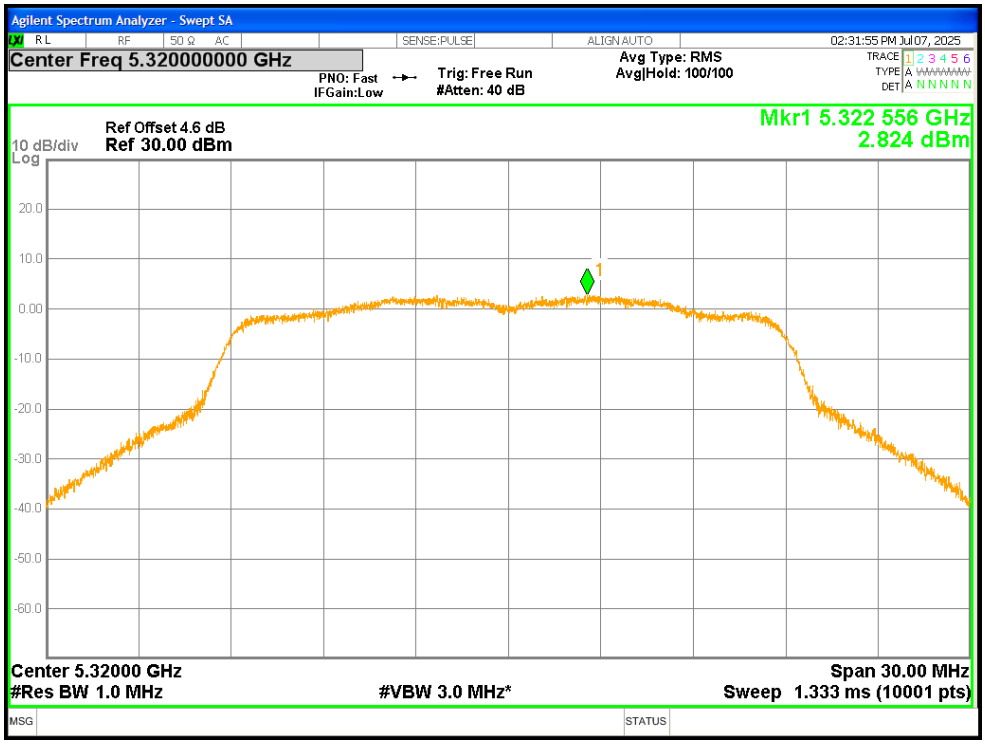
PSD NVNT n20 5260MHz



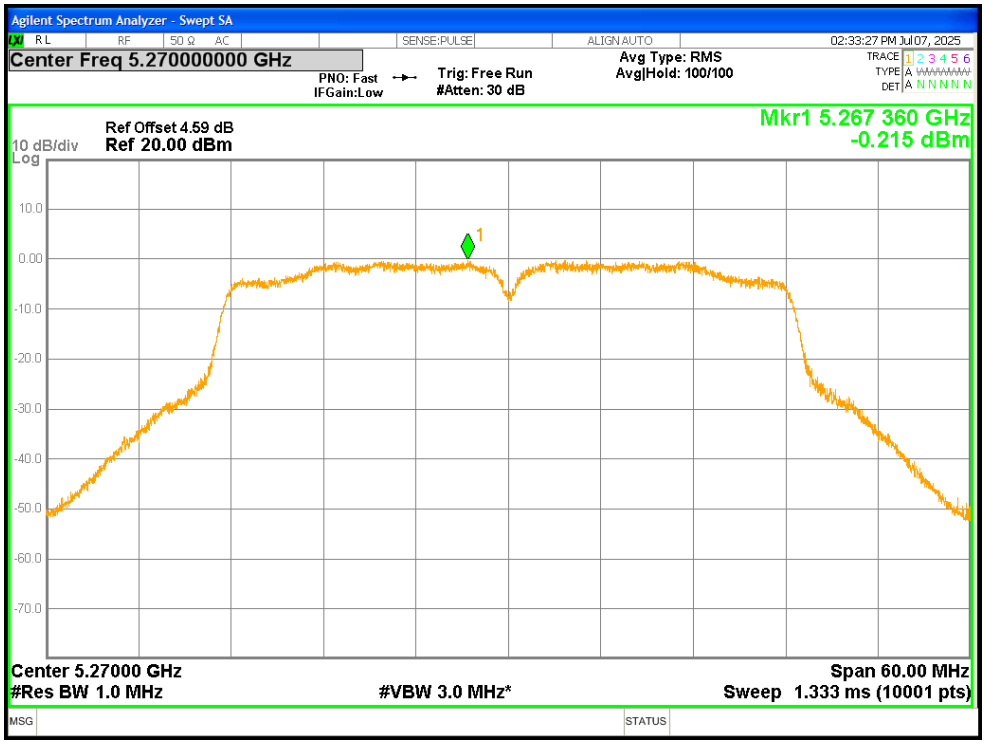
PSD NVNT n20 5300MHz



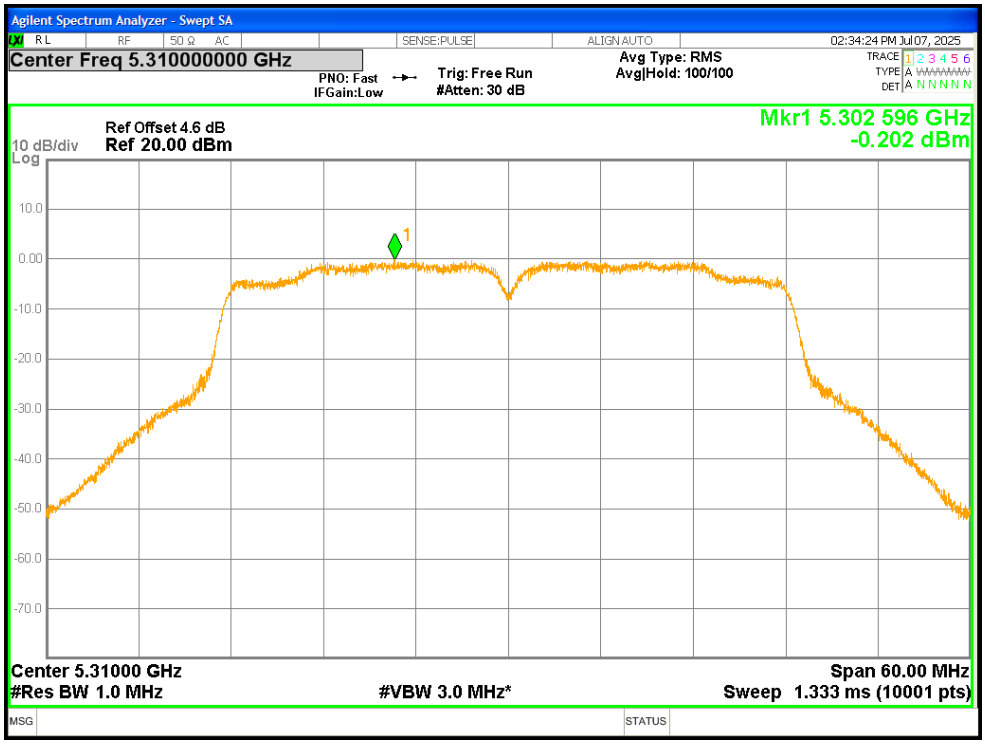
PSD NVNT n20 5320MHz



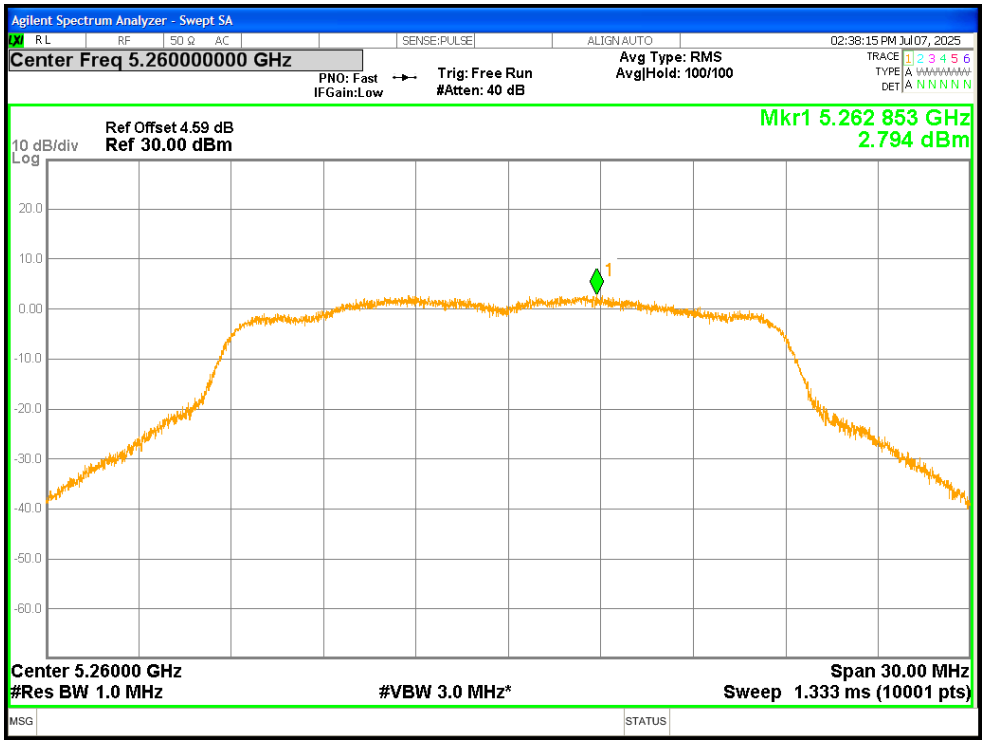
PSD NVNT n40 5270MHz



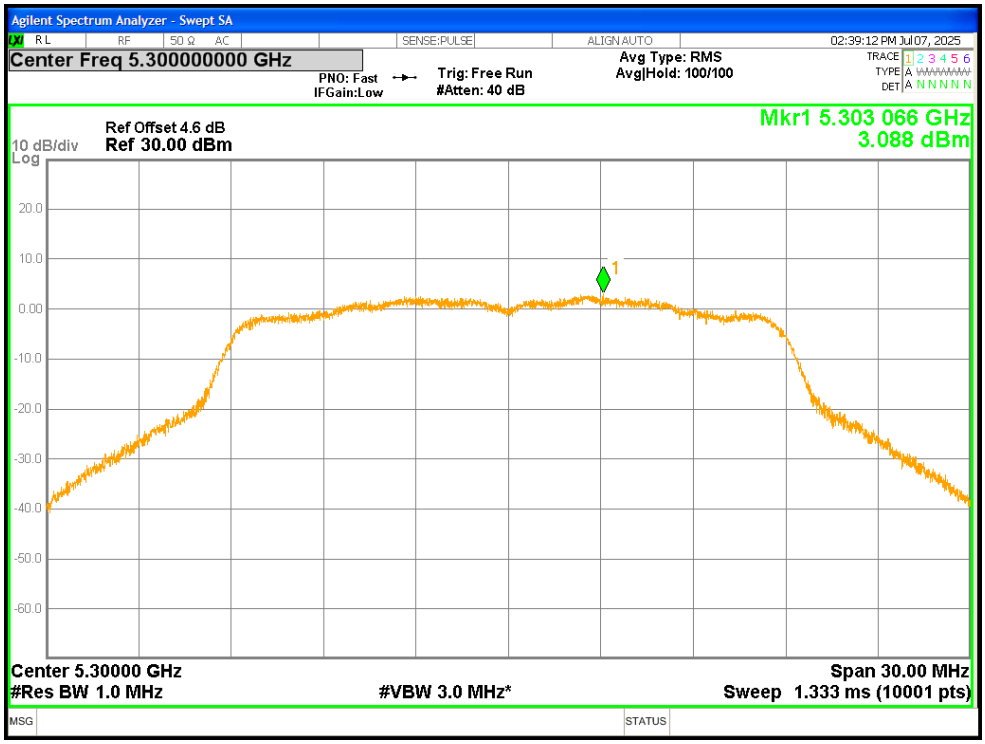
PSD NVNT n40 5310MHz



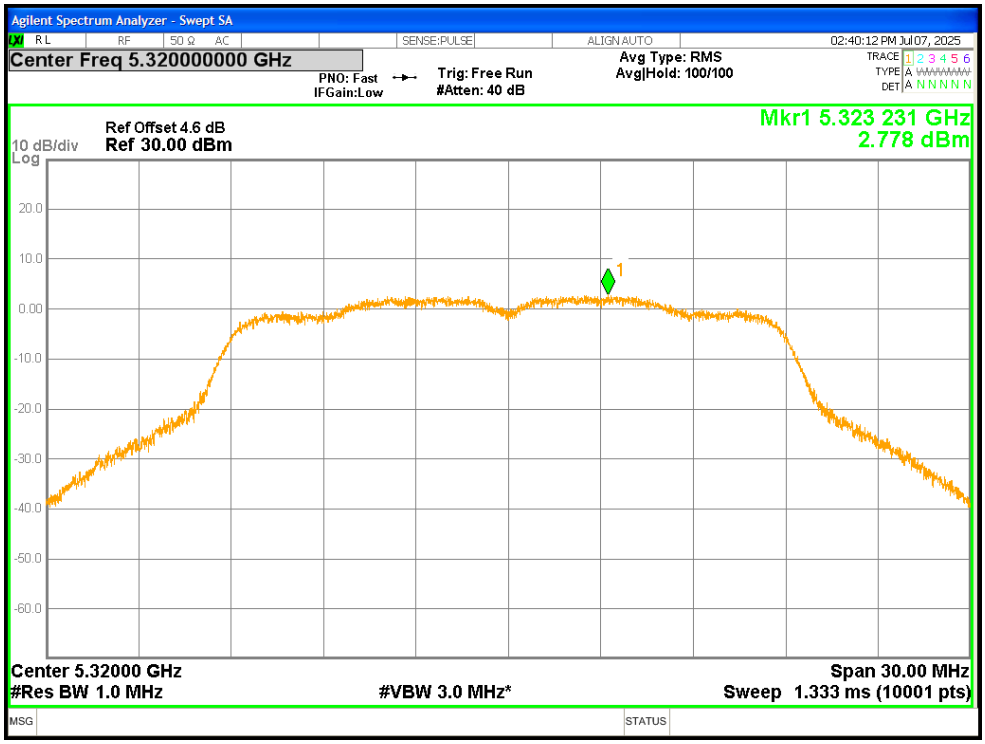
PSD NVNT ac20 5260MHz



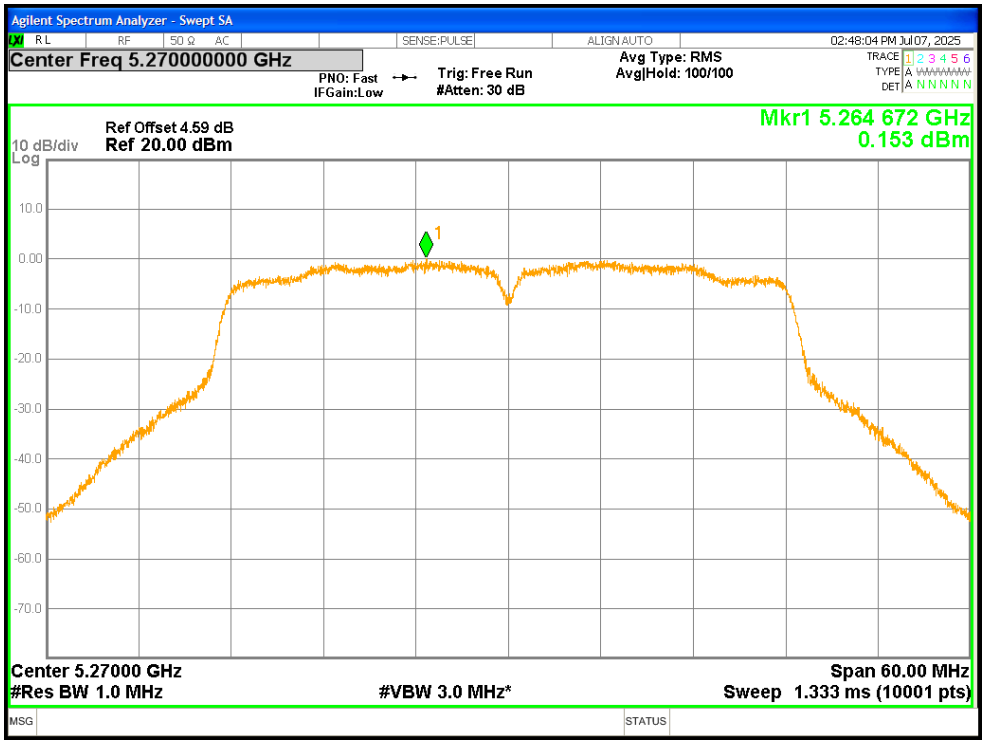
PSD NVNT ac20 5300MHz



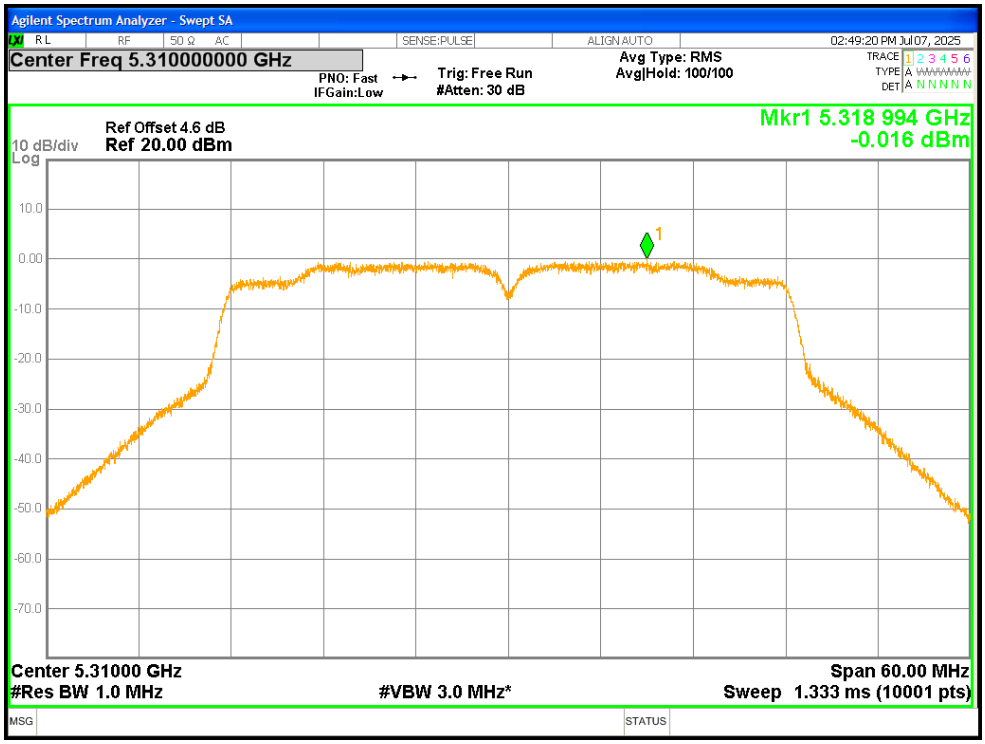
PSD NVNT ac20 5320MHz



PSD NVNT ac40 5270MHz



PSD NVNT ac40 5310MHz



PSD NVNT ac80 5290MHz