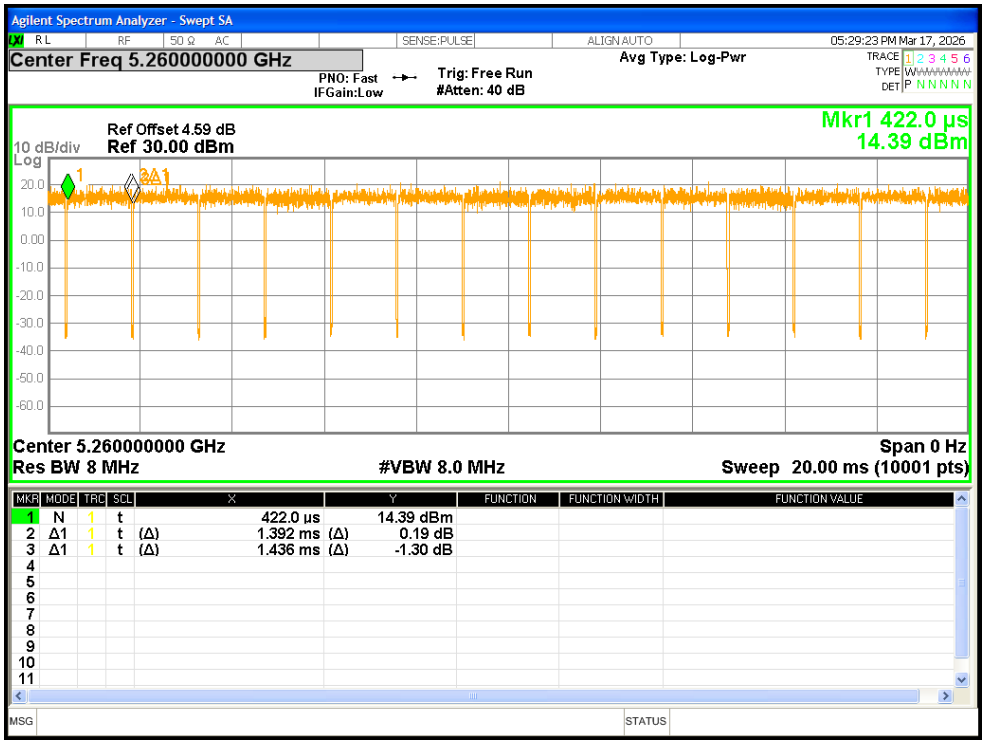
Duty Cycle

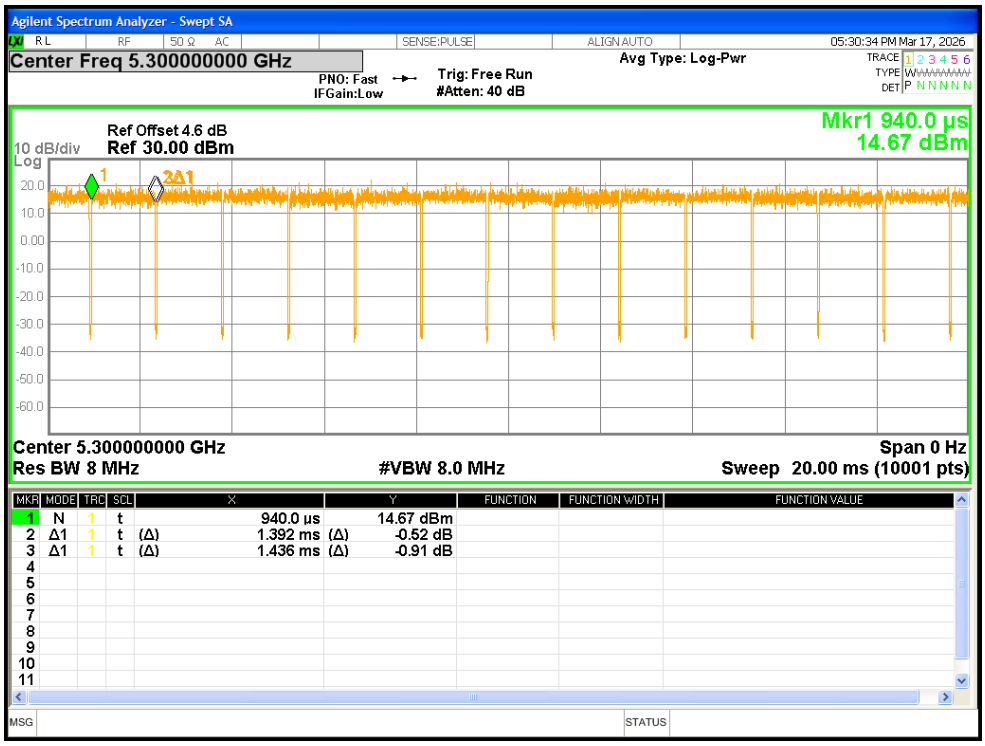
Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5260	1.392	1.436	96.94	0.13	0.72	0.28
NVNT	a	5300	1.392	1.436	96.94	0.13	0.72	0.28
NVNT	a	5320	1.394	1.438	96.94	0.13	0.72	0.28
NVNT	n20	5260	1.302	1.344	96.88	0.14	0.77	0.25
NVNT	n20	5300	1.299	1.344	96.65	0.15	0.77	0.23
NVNT	n20	5320	1.299	1.344	96.65	0.15	0.77	0.27
NVNT	n40	5270	0.648	0.692	93.64	0.29	1.54	0.24
NVNT	n40	5310	0.65	0.694	93.66	0.28	1.54	0.20
NVNT	ac20	5260	1.314	1.359	96.69	0.15	0.76	0.22
NVNT	ac20	5300	1.311	1.356	96.68	0.15	0.76	0.24
NVNT	ac20	5320	1.314	1.359	96.69	0.15	0.76	0.24
NVNT	ac40	5270	0.652	0.696	93.68	0.28	1.53	0.20
NVNT	ac40	5310	0.652	0.696	93.68	0.28	1.53	0.21
NVNT	ac80	5290	0.324	0.368	88.04	0.55	3.09	0.21

Test Graphs

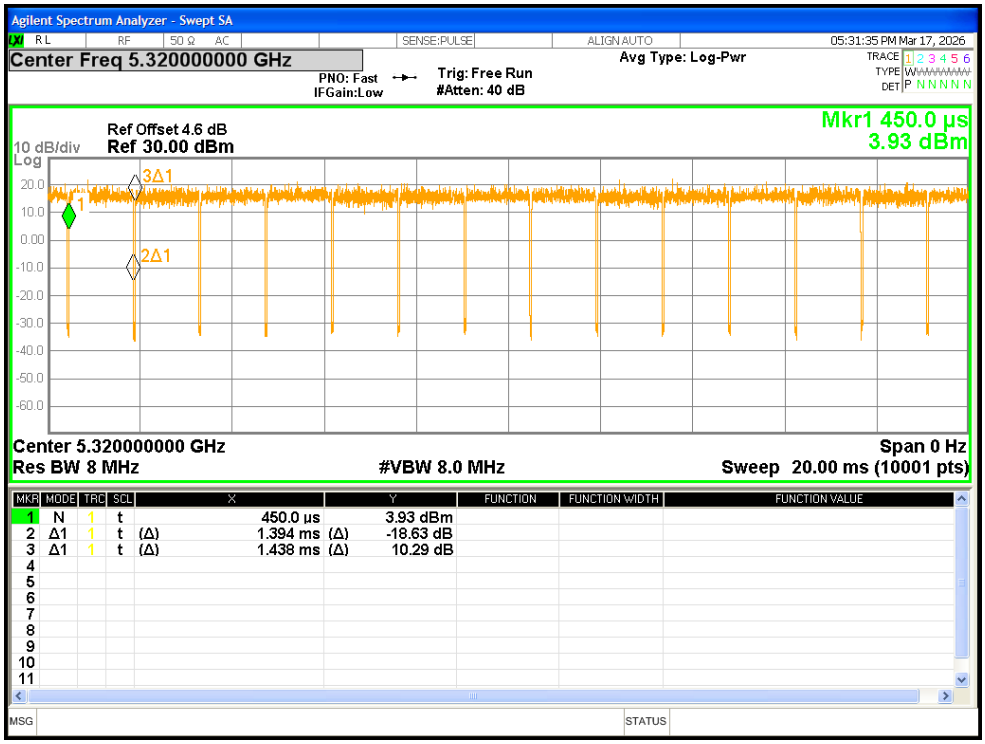
Duty Cycle NVNT a 5260MHz



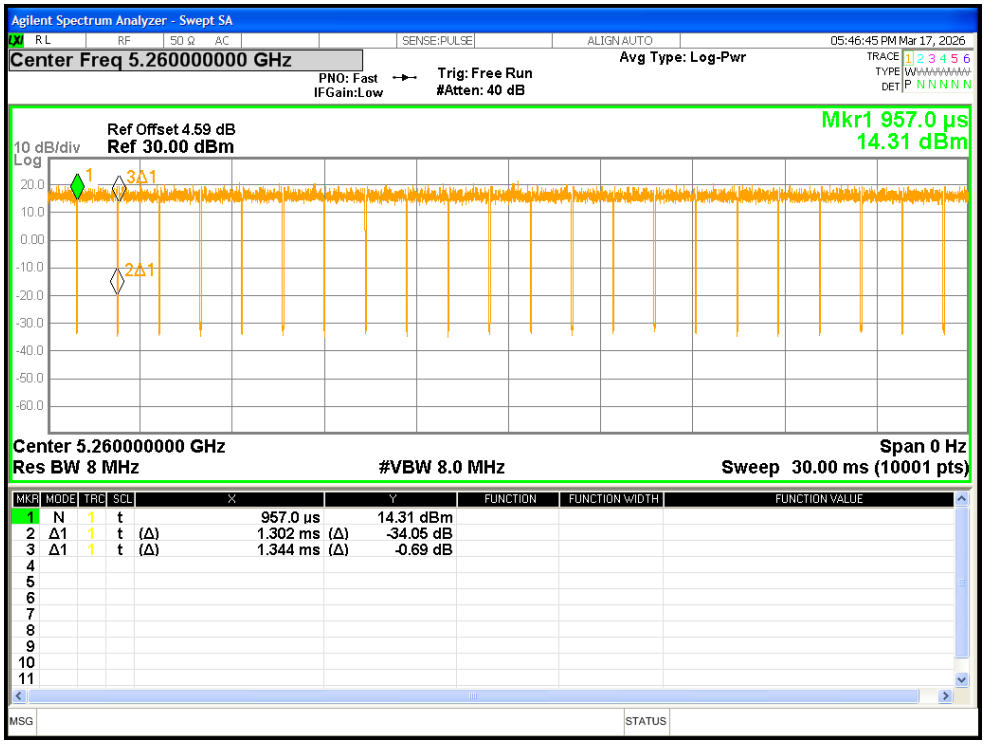
Duty Cycle NVNT a 5300MHz



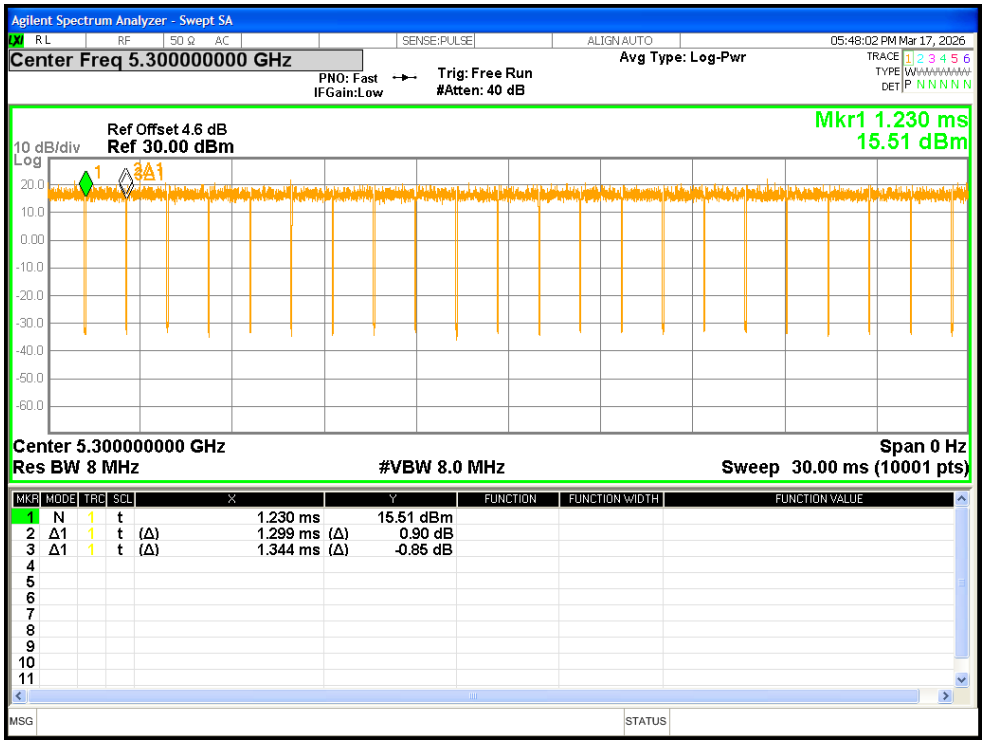
Duty Cycle NVNT a 5320MHz



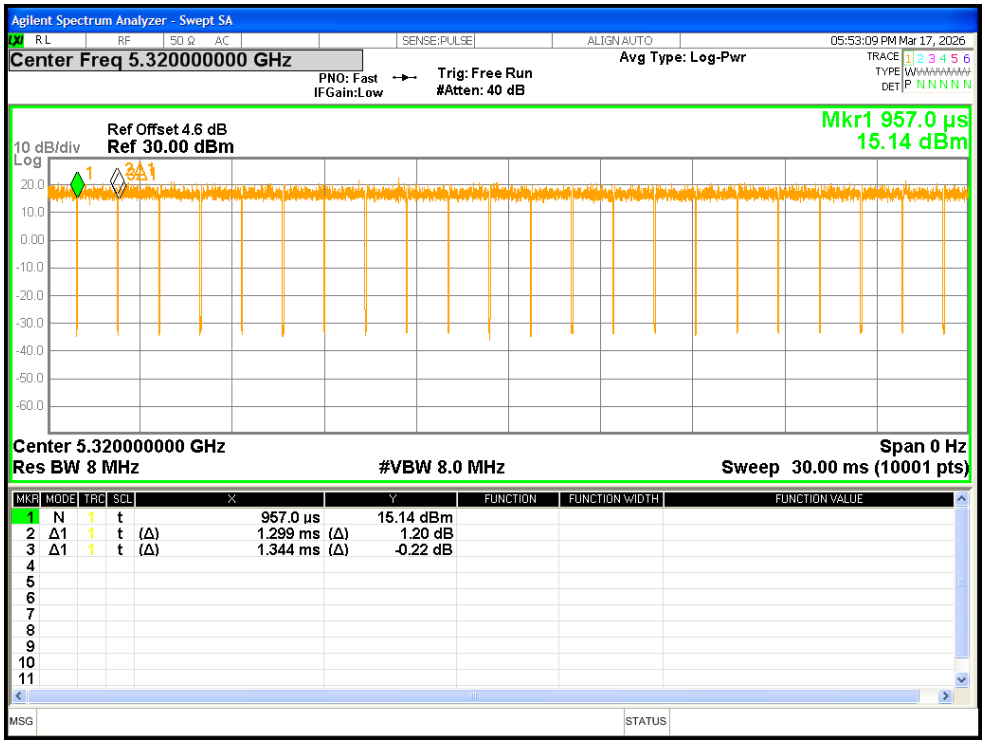
Duty Cycle NVNT n20 5260MHz



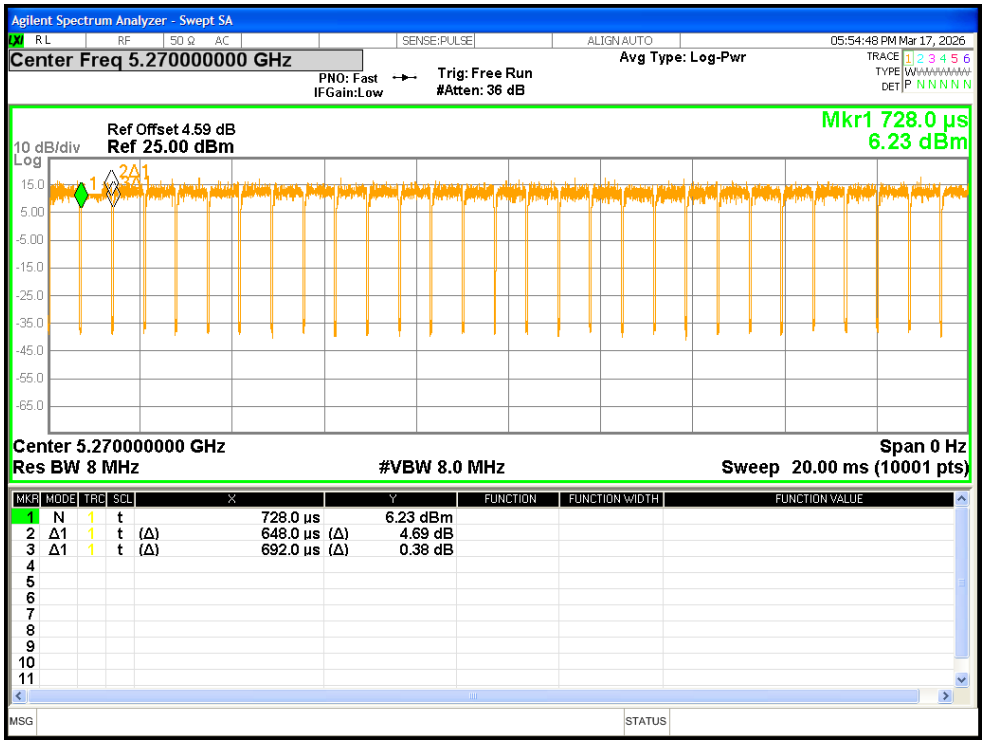
Duty Cycle NVNT n20 5300MHz



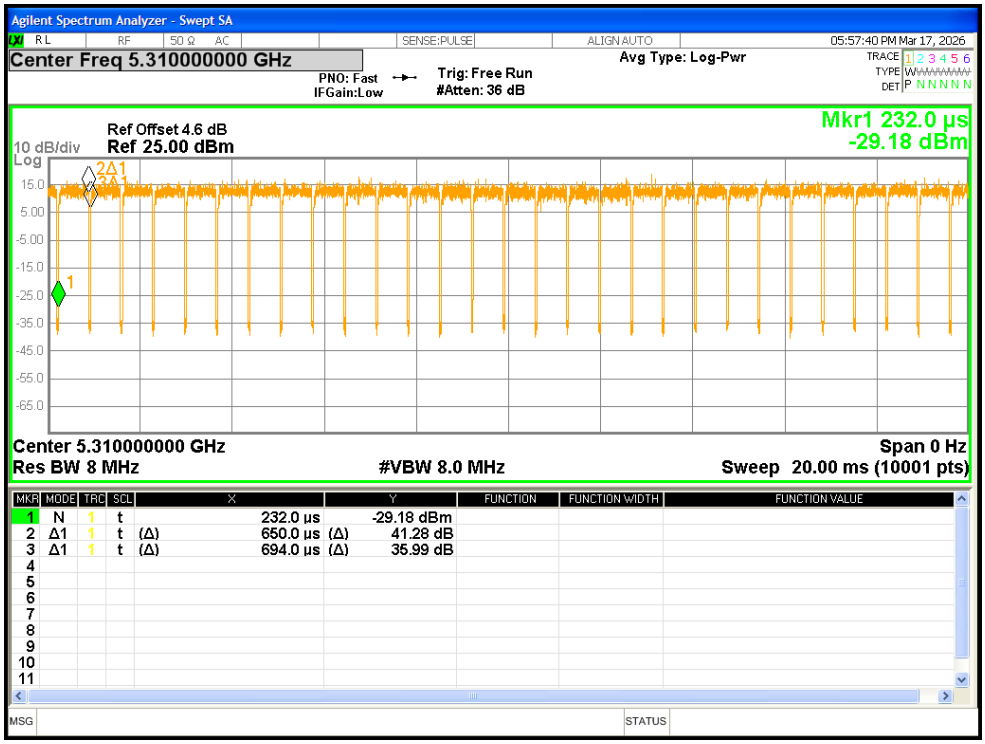
Duty Cycle NVNT n20 5320MHz



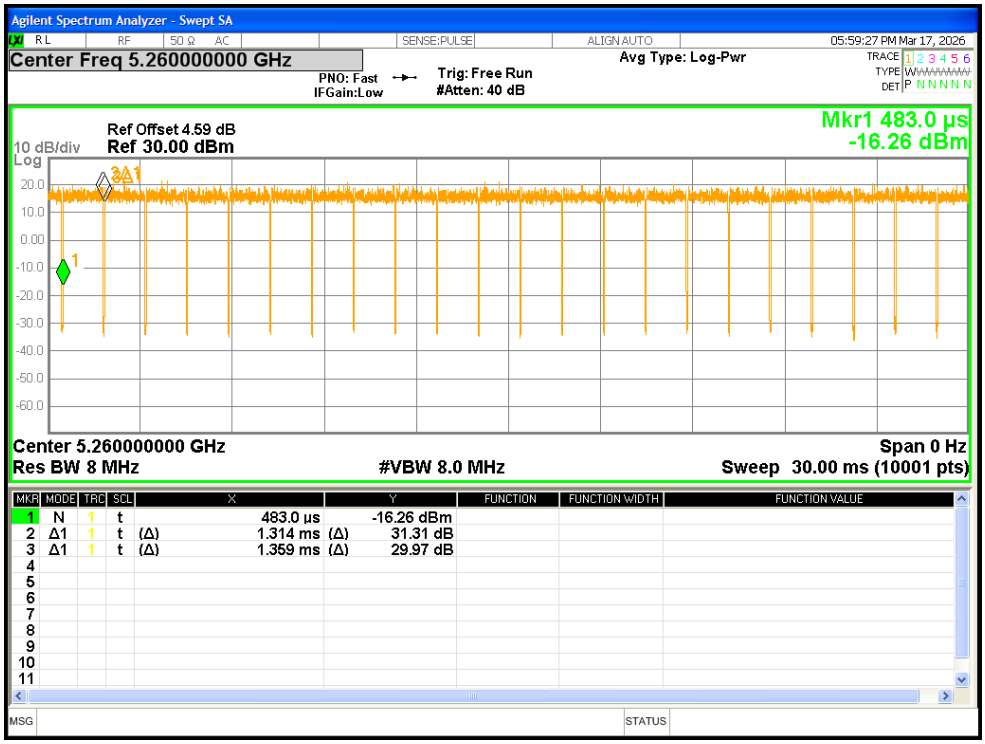
Duty Cycle NVNT n40 5270MHz



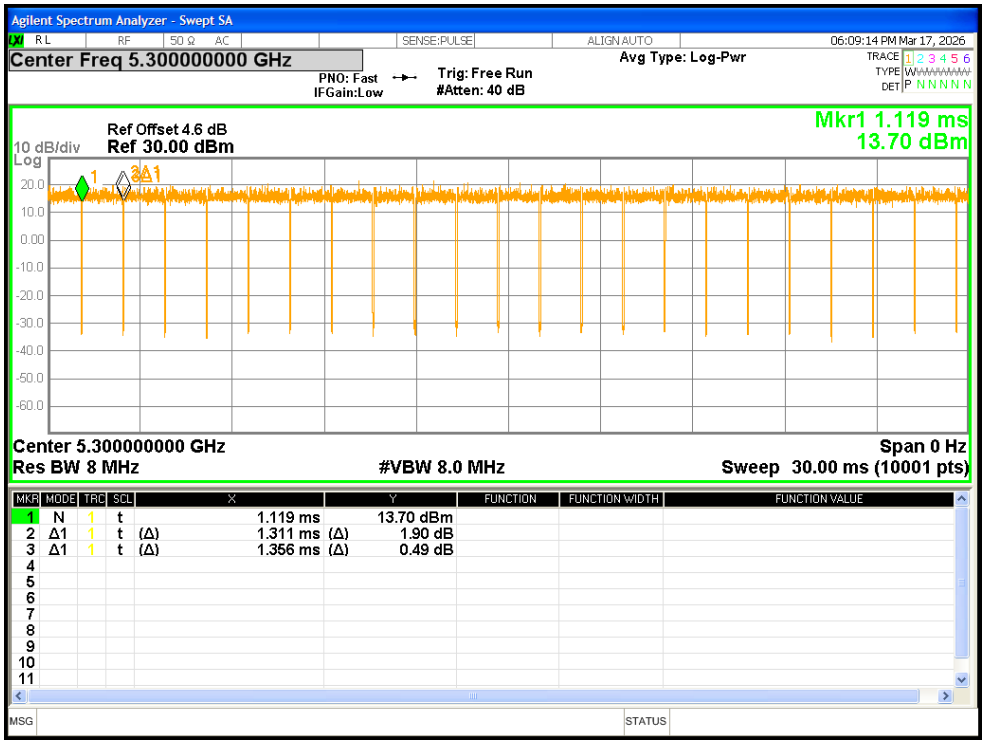
Duty Cycle NVNT n40 5310MHz



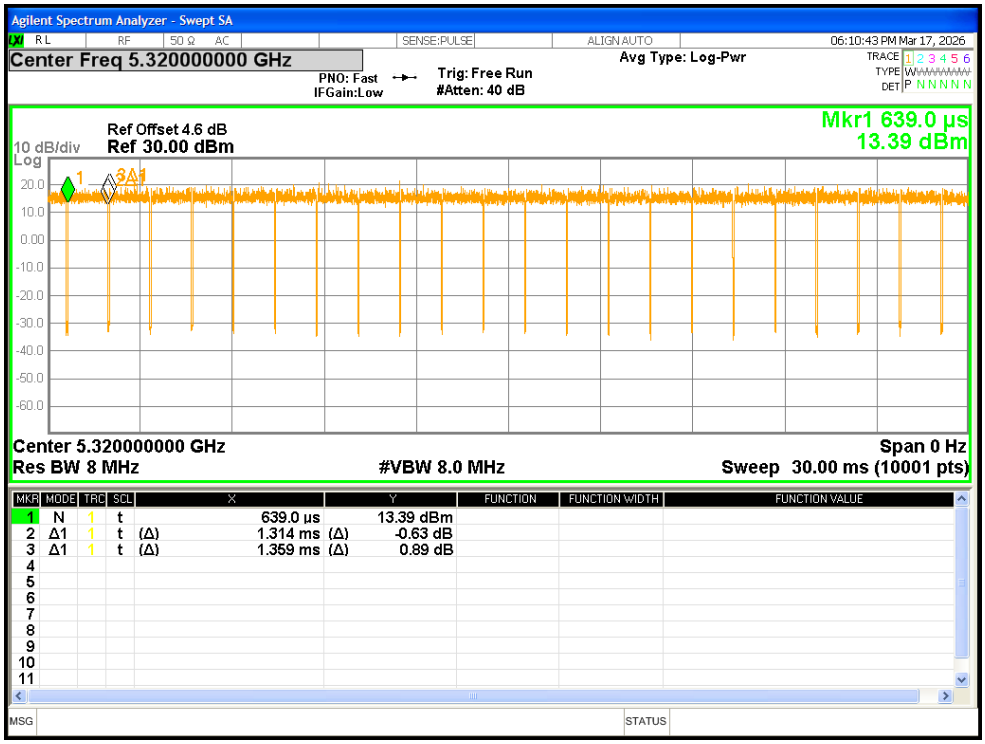
Duty Cycle NVNT ac20 5260MHz



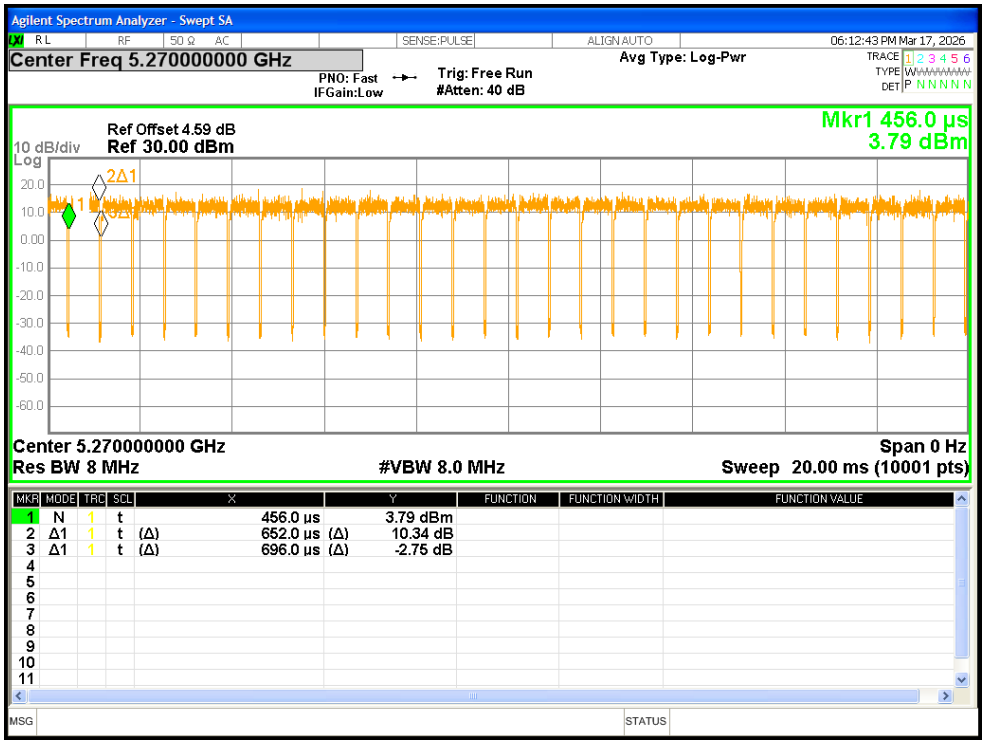
Duty Cycle NVNT ac20 5300MHz



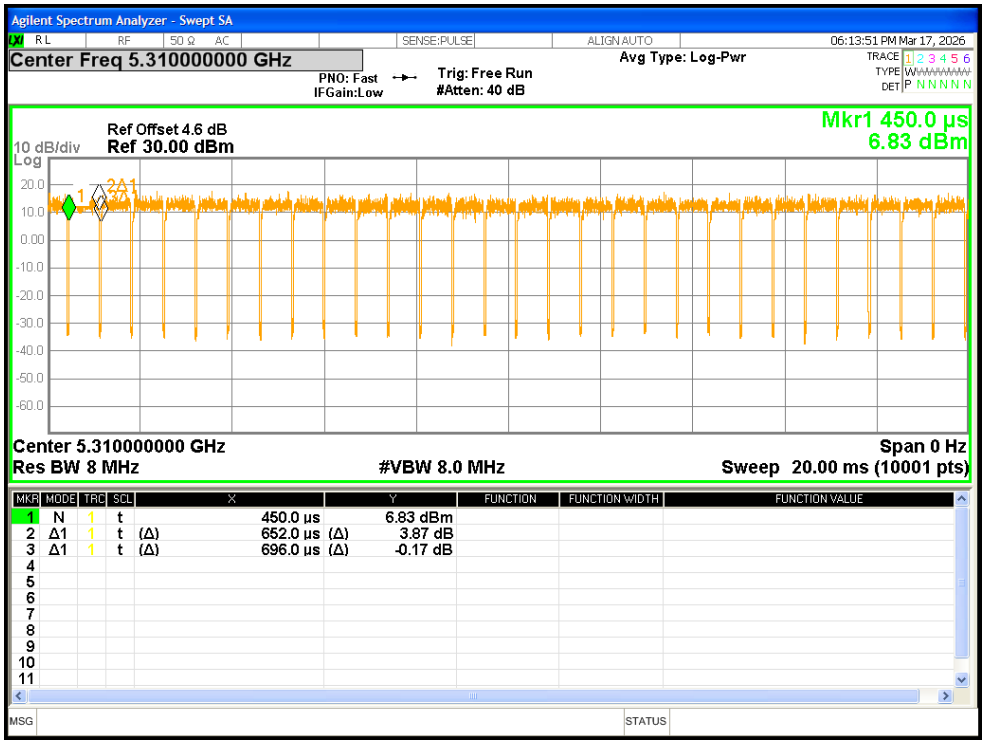
Duty Cycle NVNT ac20 5320MHz



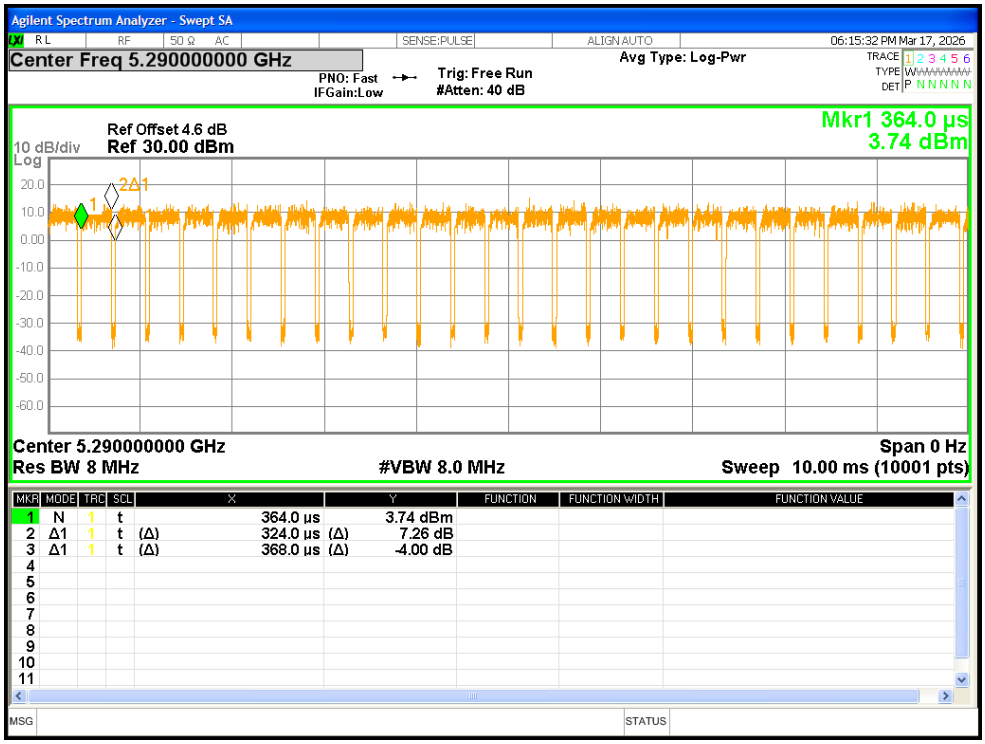
Duty Cycle NVNT ac40 5270MHz



Duty Cycle NVNT ac40 5310MHz



Duty Cycle NVNT ac80 5290MHz

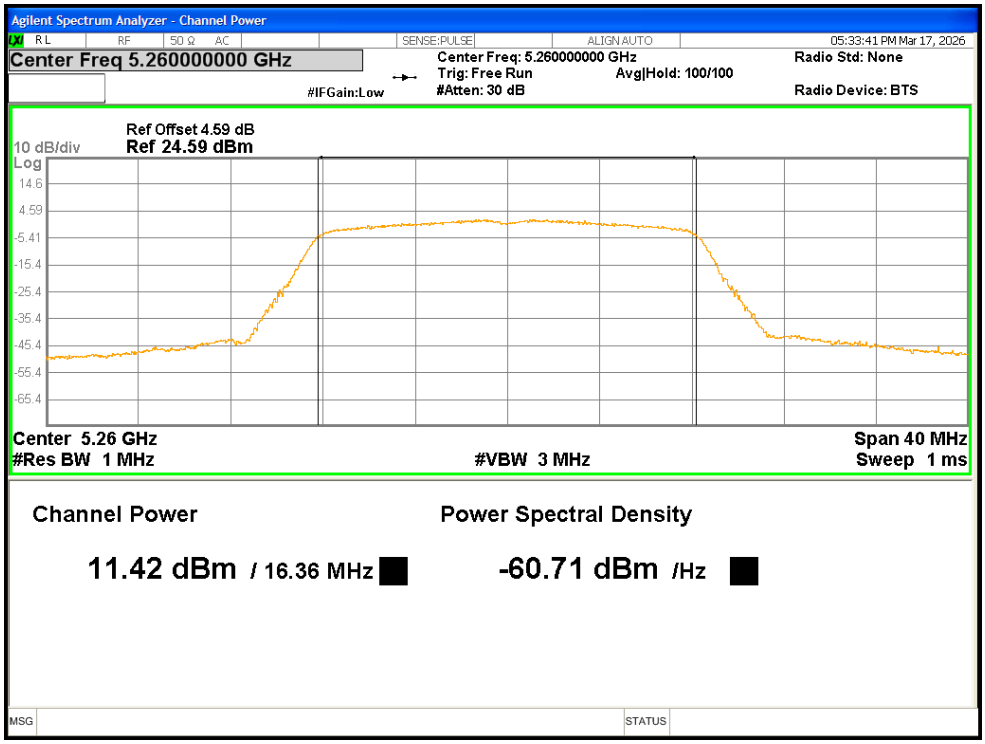


Maximum Conducted Output Power

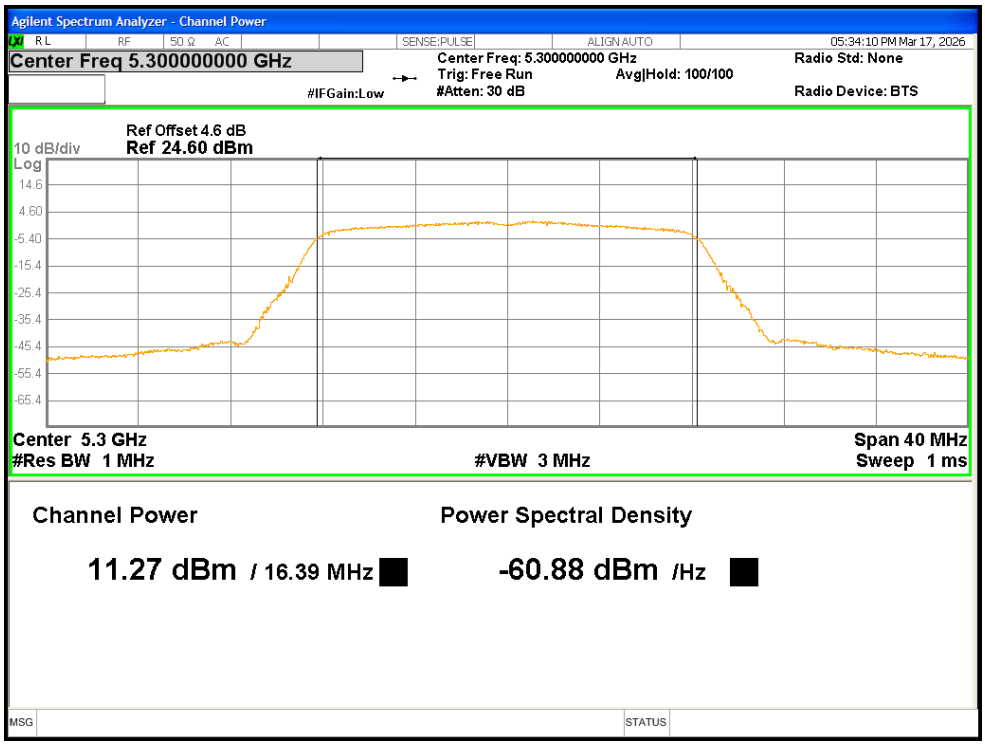
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	11.42	0.13	11.55	<=24	Pass
NVNT	a	5300	11.27	0.13	11.4	<=24	Pass
NVNT	a	5320	11.9	0.13	12.03	<=23.96	Pass
NVNT	n20	5260	12.94	0.14	13.08	<=24	Pass
NVNT	n20	5300	13.1	0.15	13.25	<=24	Pass
NVNT	n20	5320	13.36	0.15	13.51	<=24	Pass
NVNT	n40	5270	12.17	0.29	12.46	<=24	Pass
NVNT	n40	5310	12.51	0.28	12.79	<=24	Pass
NVNT	ac20	5260	12.46	0.15	12.61	<=24	Pass
NVNT	ac20	5300	12.67	0.15	12.82	<=24	Pass
NVNT	ac20	5320	12.17	0.15	12.32	<=24	Pass
NVNT	ac40	5270	12.13	0.28	12.41	<=24	Pass
NVNT	ac40	5310	12.33	0.28	12.61	<=24	Pass
NVNT	ac80	5290	11.88	0.55	12.43	<=24	Pass

Test Graphs

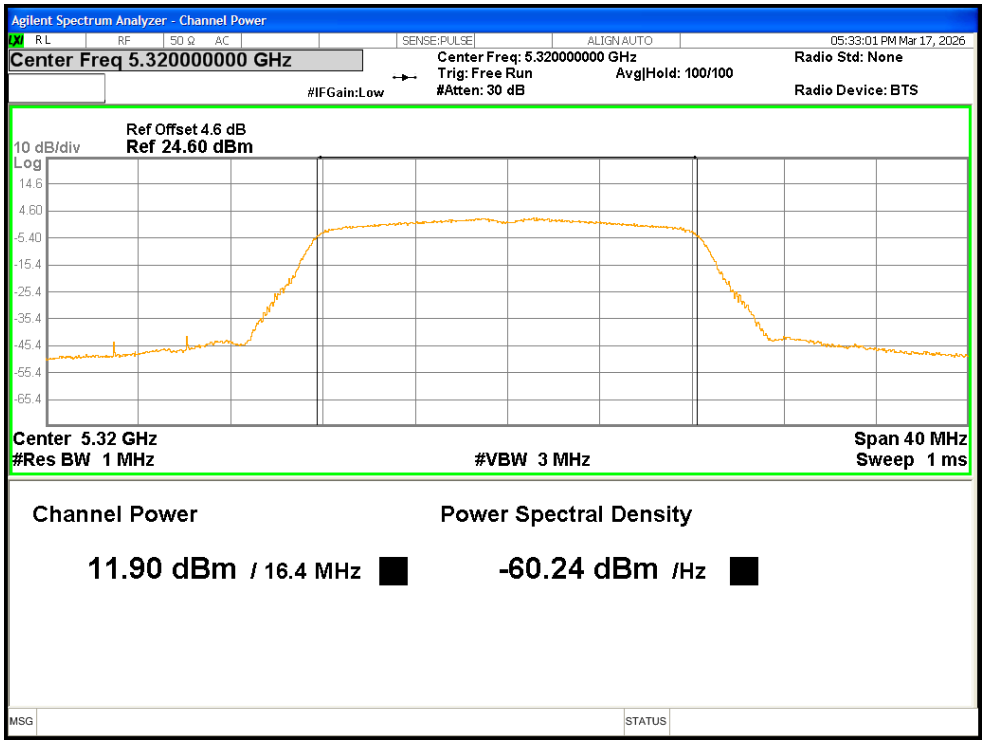
Power NVNT a 5260MHz



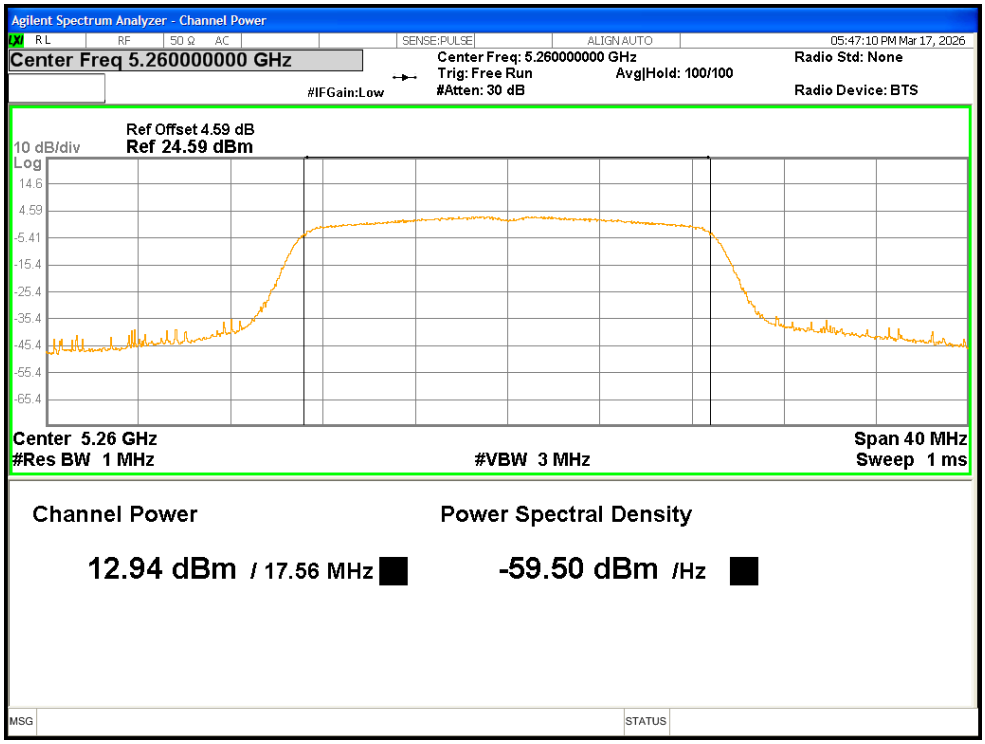
Power NVNT a 5300MHz



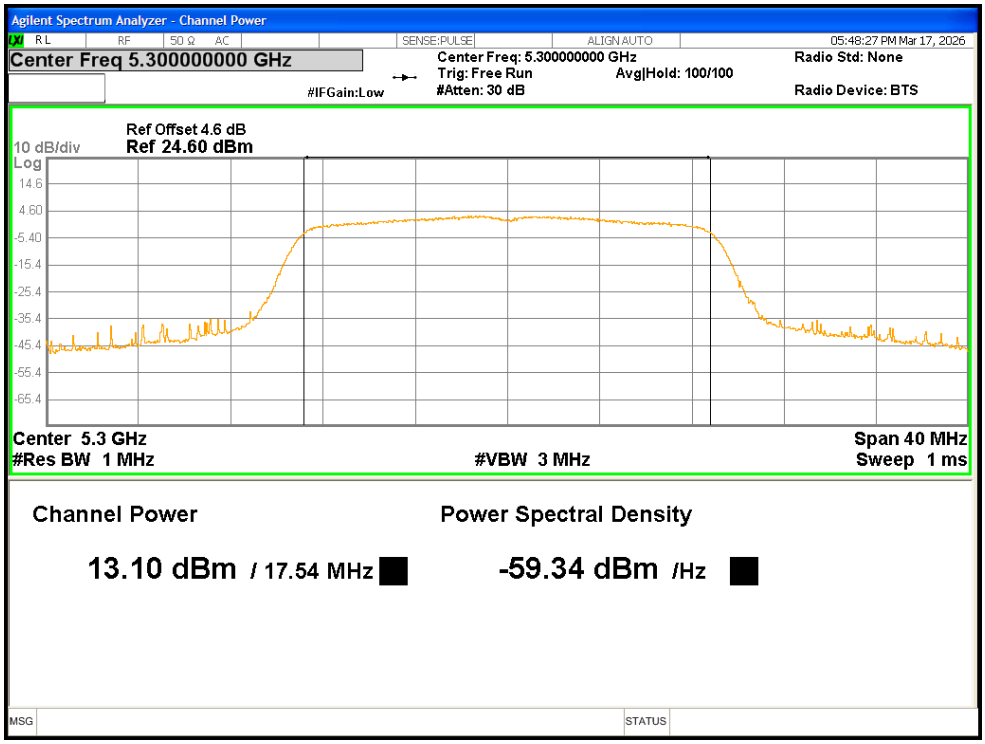
Power NVNT a 5320MHz



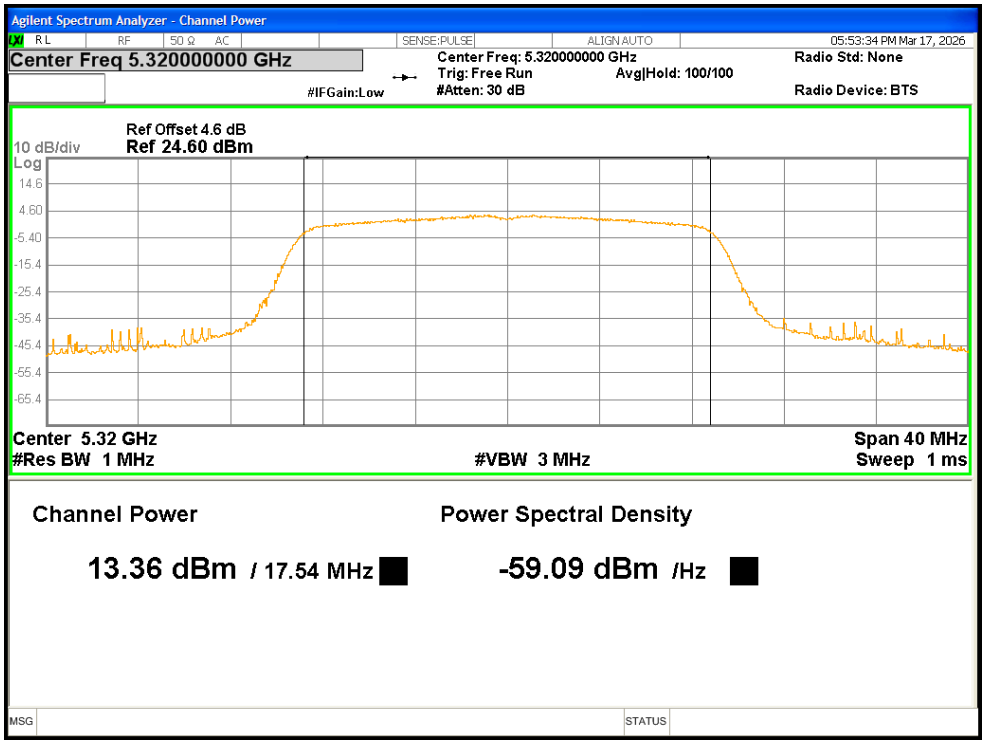
Power NVNT n20 5260MHz



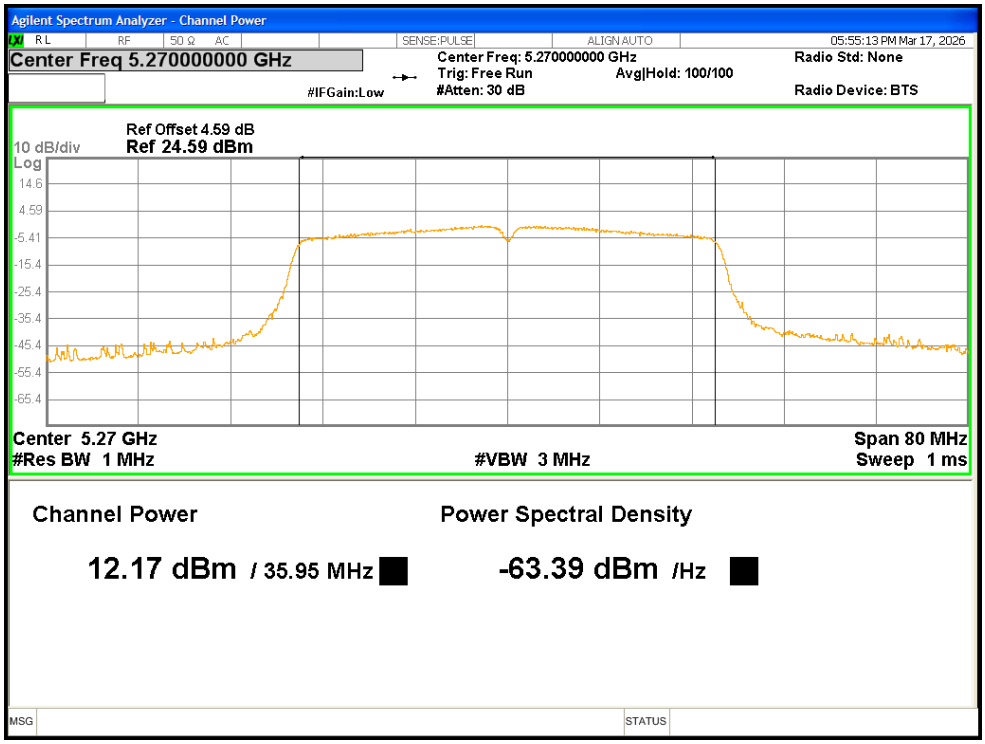
Power NVNT n20 5300MHz



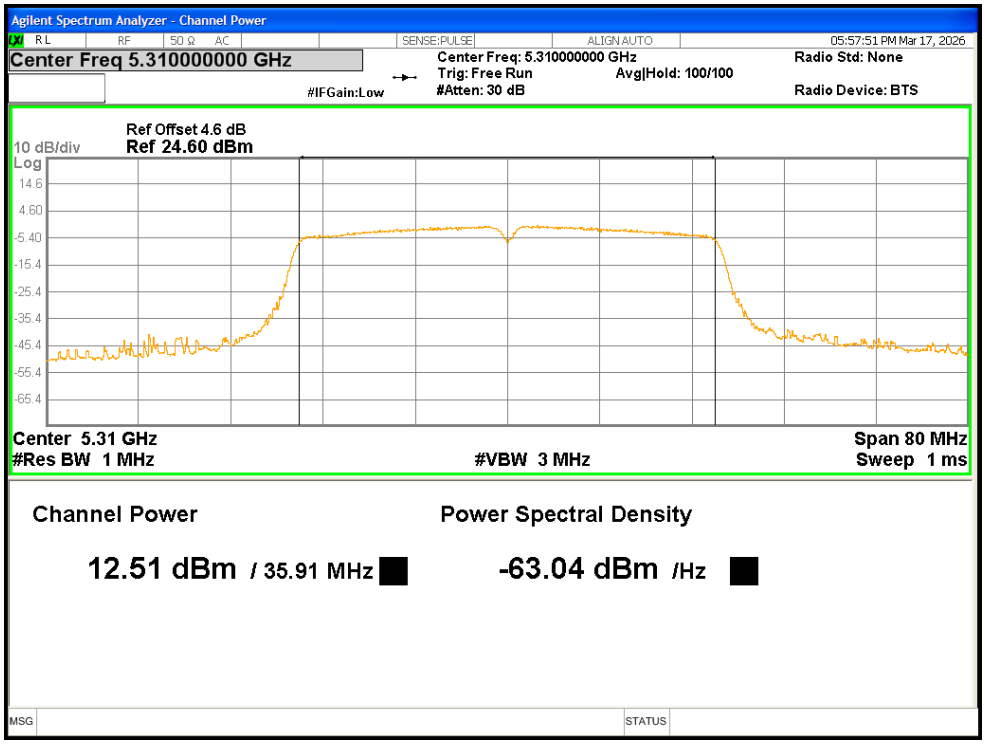
Power NVNT n20 5320MHz



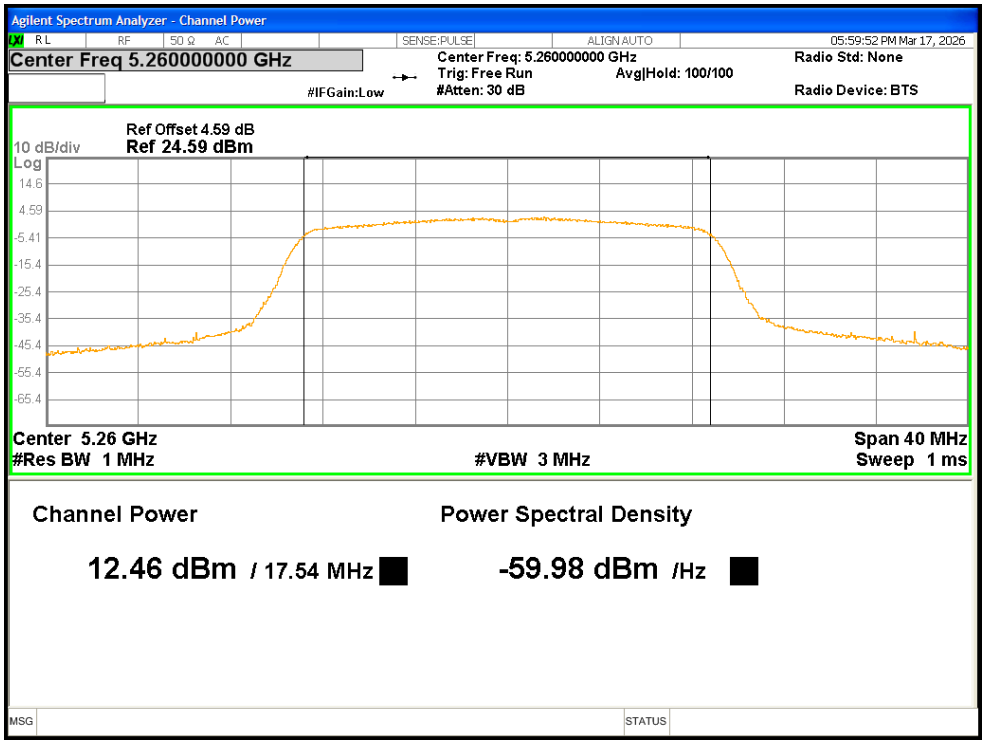
Power NVNT n40 5270MHz



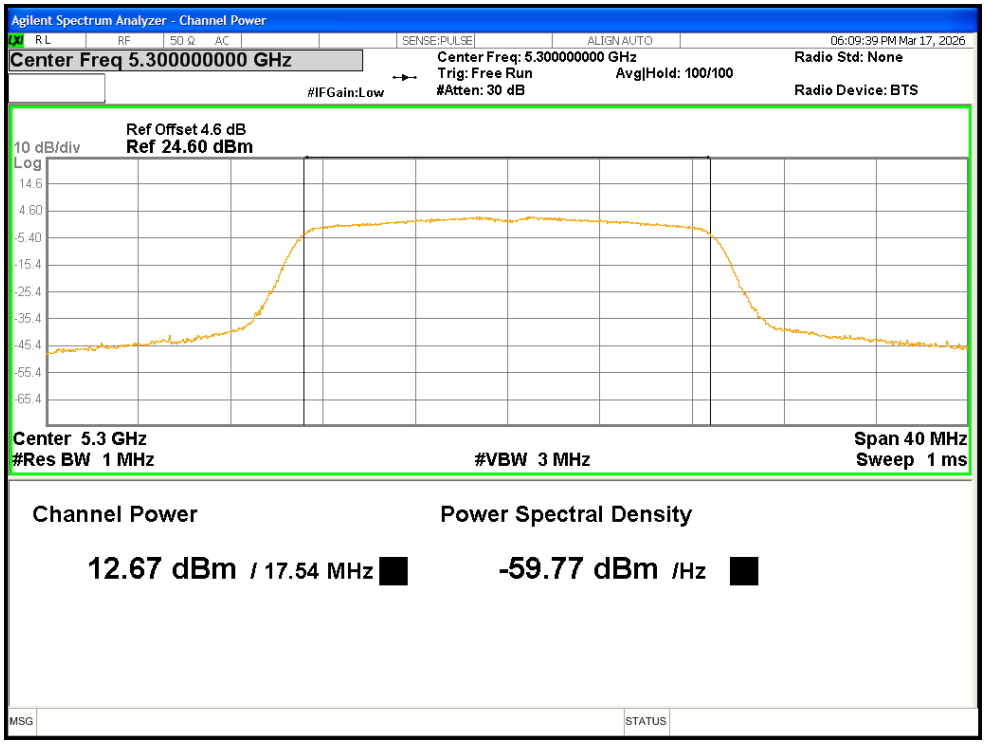
Power NVNT n40 5310MHz



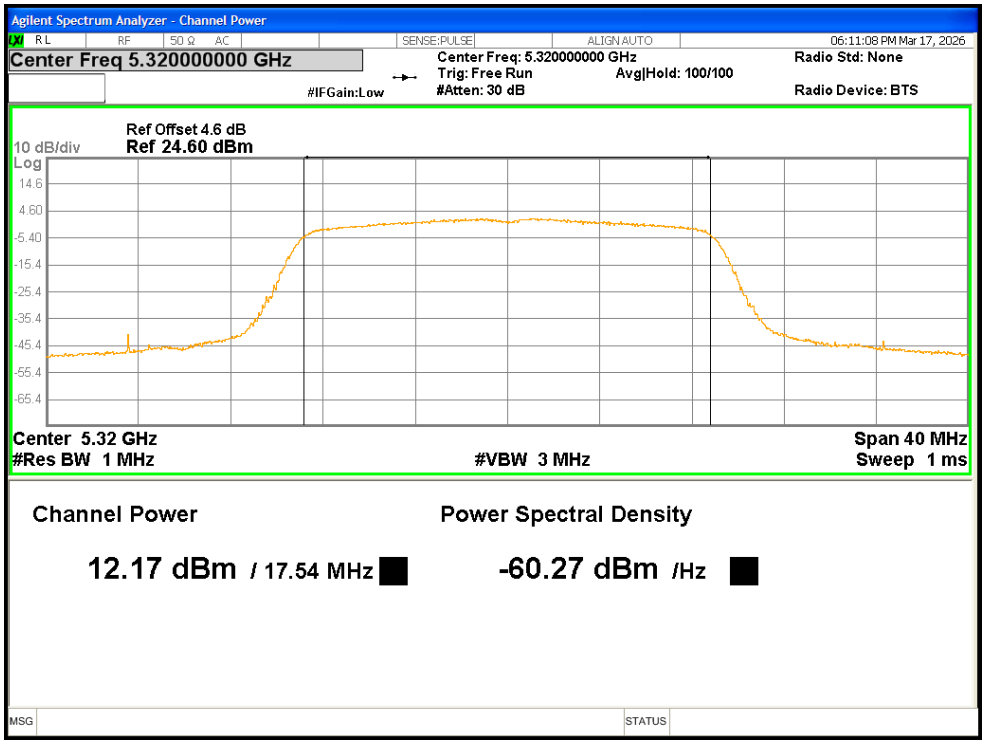
Power NVNT ac20 5260MHz



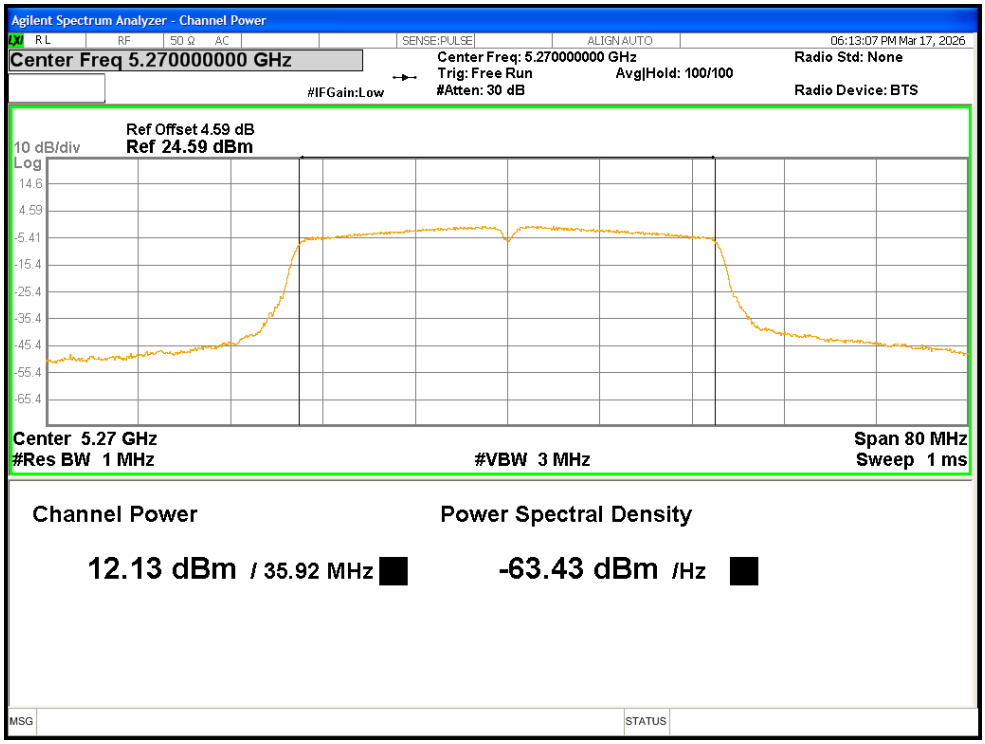
Power NVNT ac20 5300MHz



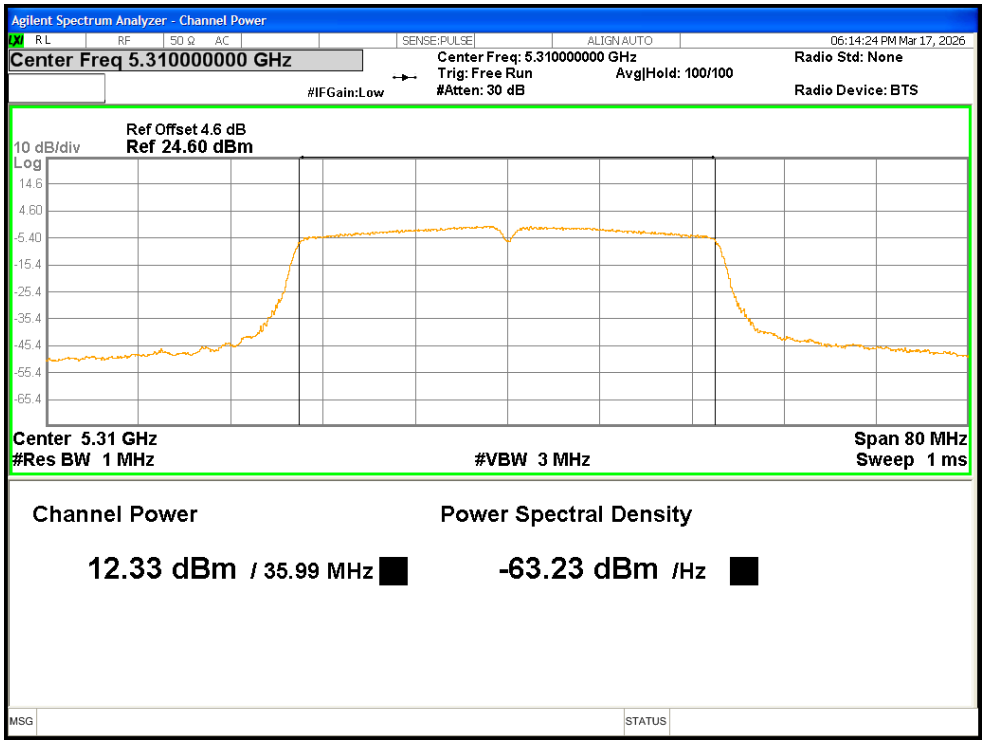
Power NVNT ac20 5320MHz



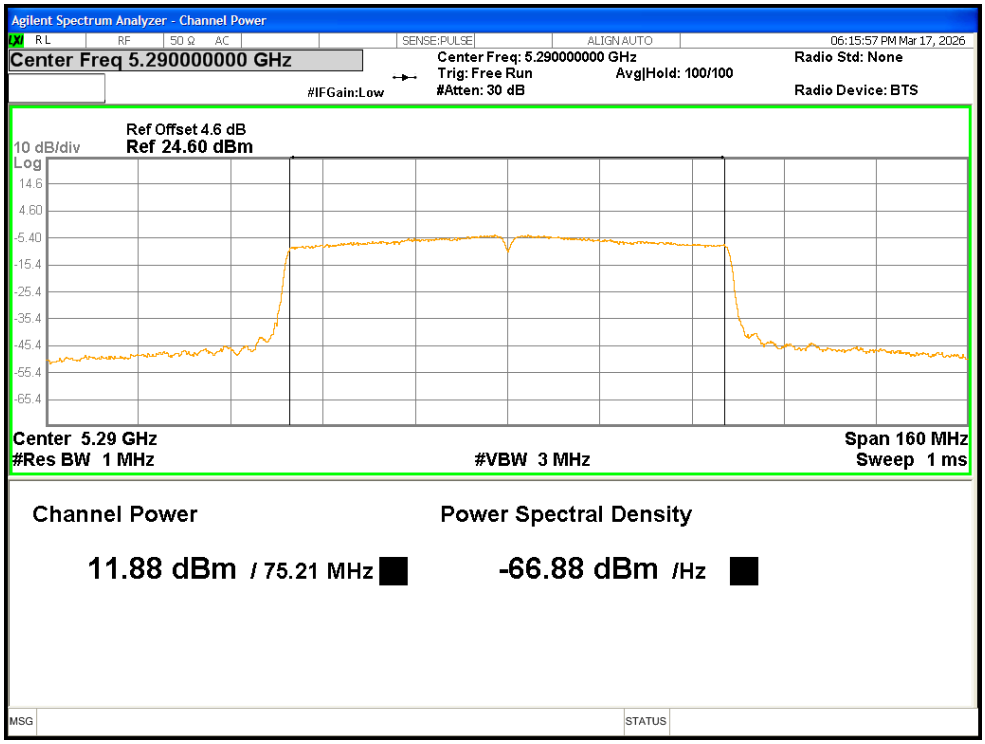
Power NVNT ac40 5270MHz



Power NVNT ac40 5310MHz



Power NVNT ac80 5290MHz

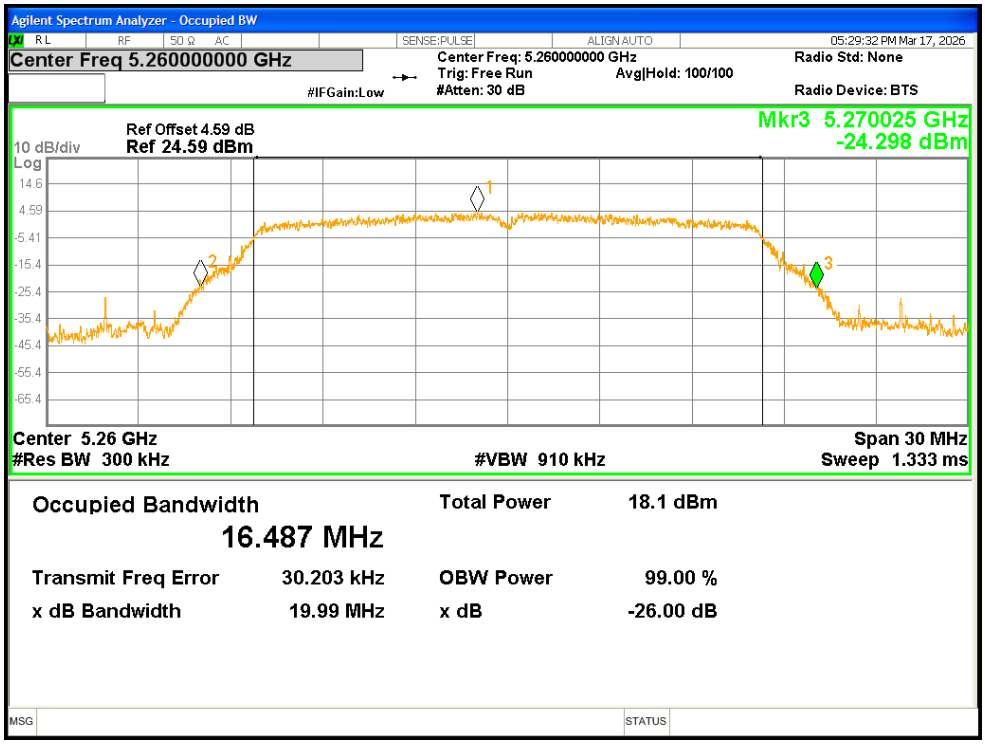


-26dB Bandwidth

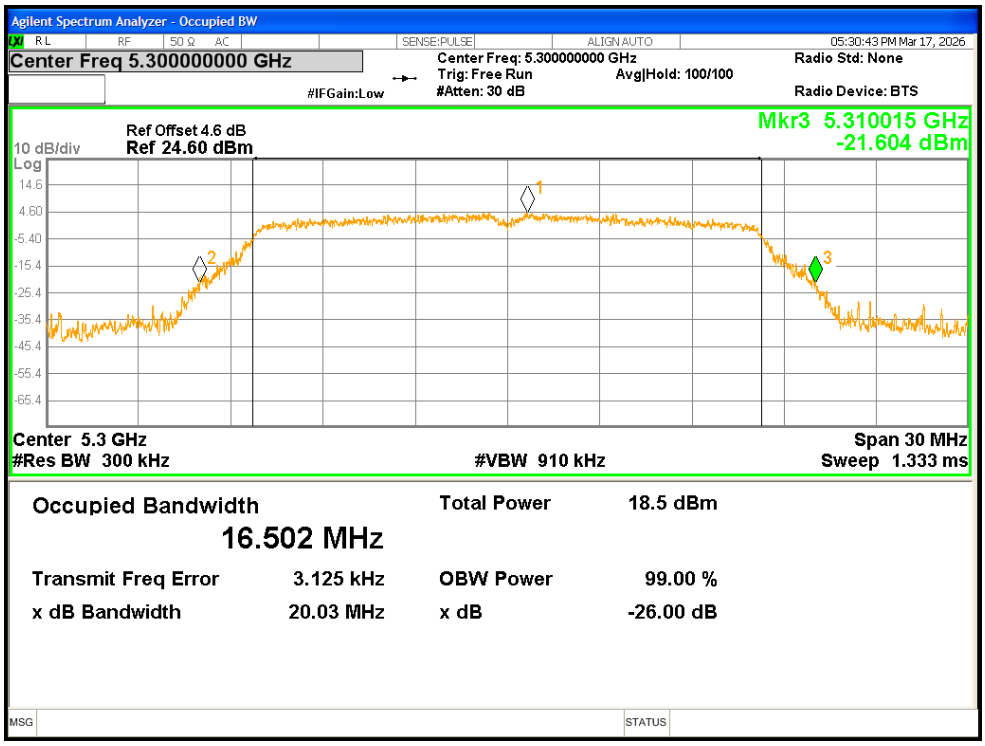
Condition	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	19.99	Pass
NVNT	a	5300	20.03	Pass
NVNT	a	5320	19.75	Pass
NVNT	n20	5260	20.36	Pass
NVNT	n20	5300	20.16	Pass
NVNT	n20	5320	20.14	Pass
NVNT	n40	5270	40.46	Pass
NVNT	n40	5310	40.47	Pass
NVNT	ac20	5260	20.3	Pass
NVNT	ac20	5300	20.42	Pass
NVNT	ac20	5320	20.35	Pass
NVNT	ac40	5270	40.4	Pass
NVNT	ac40	5310	40.8	Pass
NVNT	ac80	5290	82.1	Pass

Test Graphs

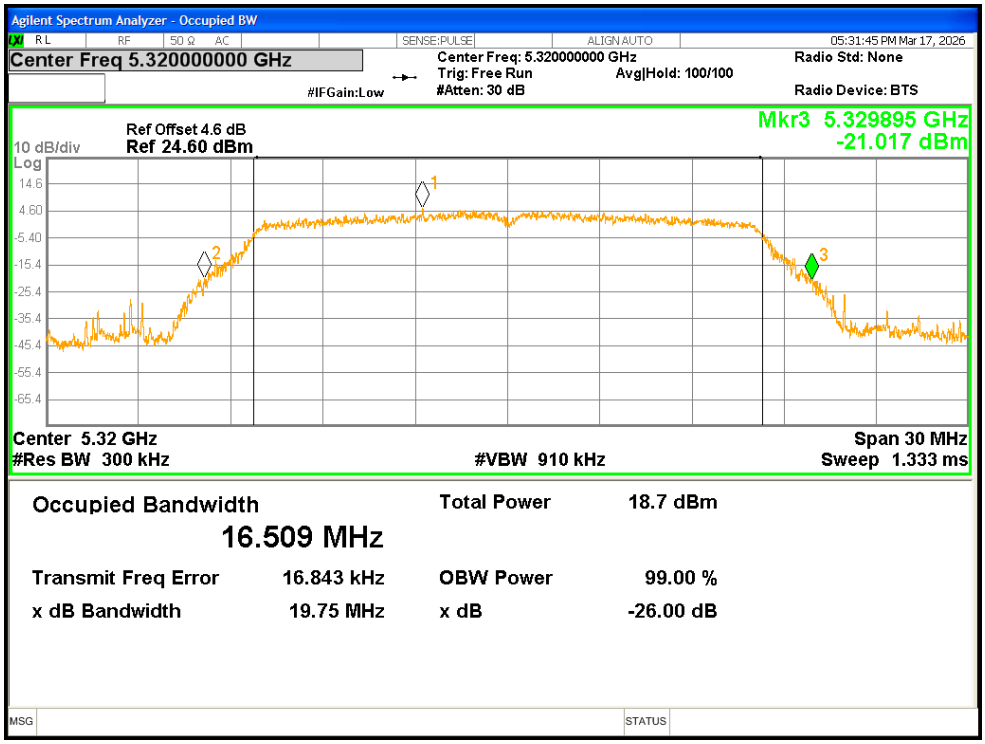
-26dB Bandwidth NVNT a 5260MHz



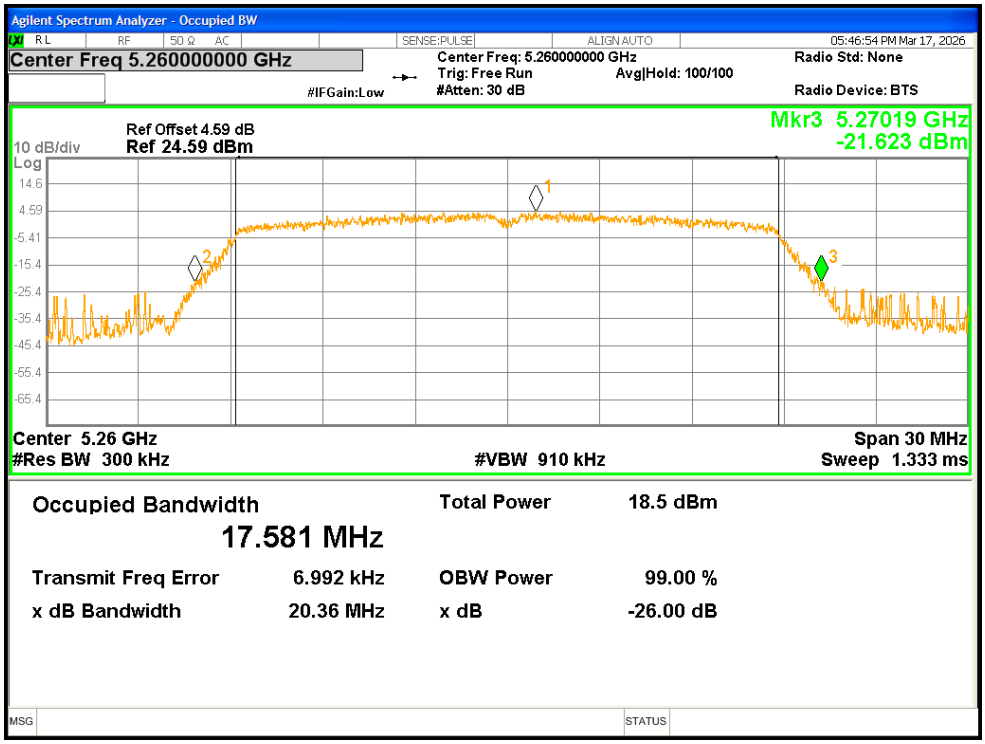
-26dB Bandwidth NVNT a 5300MHz



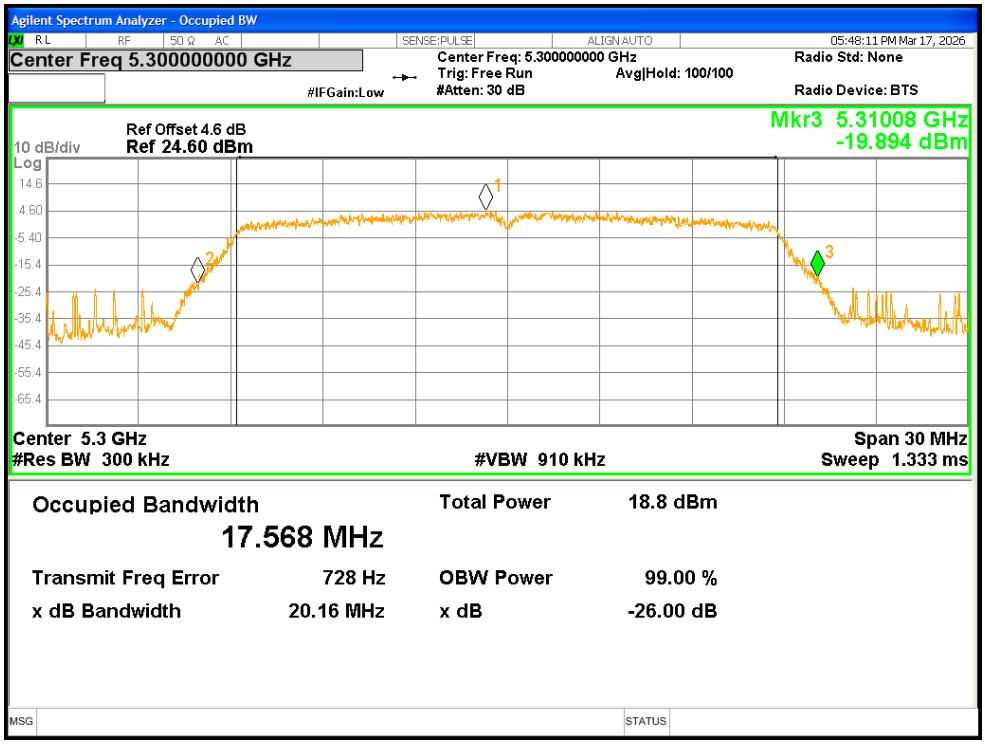
-26dB Bandwidth NVNT a 5320MHz



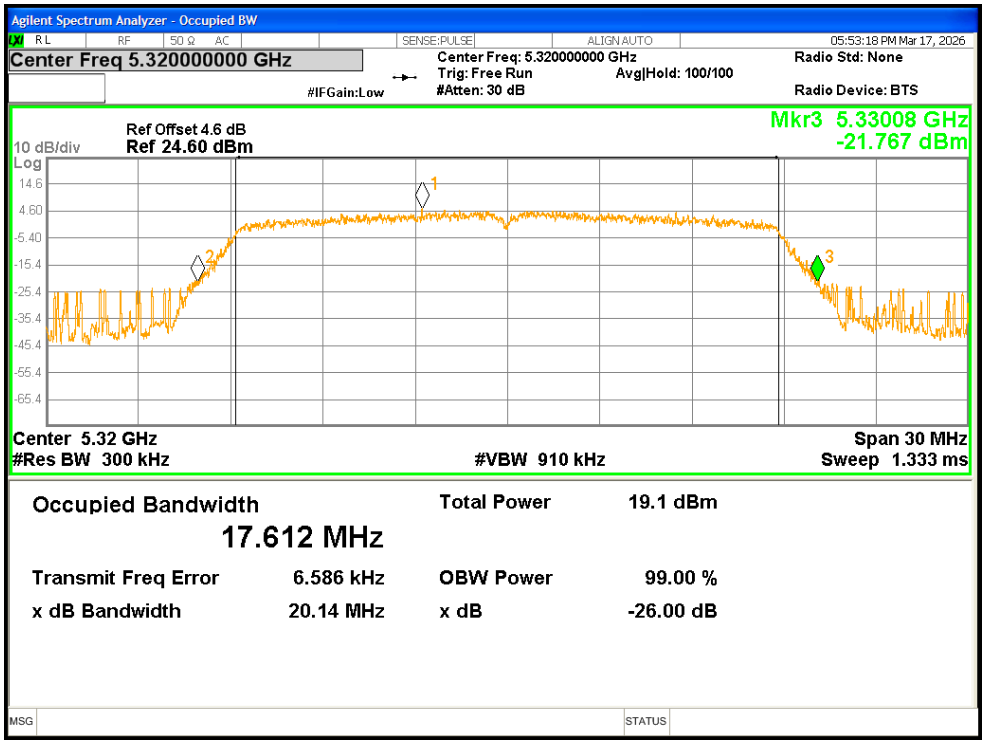
-26dB Bandwidth NVNT n20 5260MHz



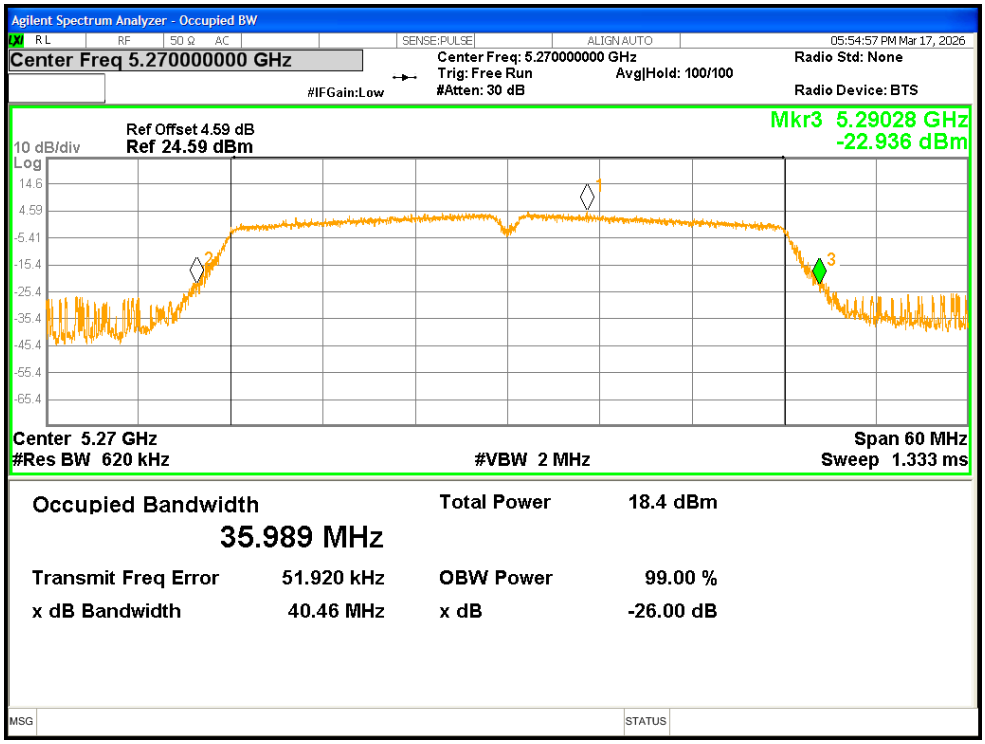
-26dB Bandwidth NVNT n20 5300MHz



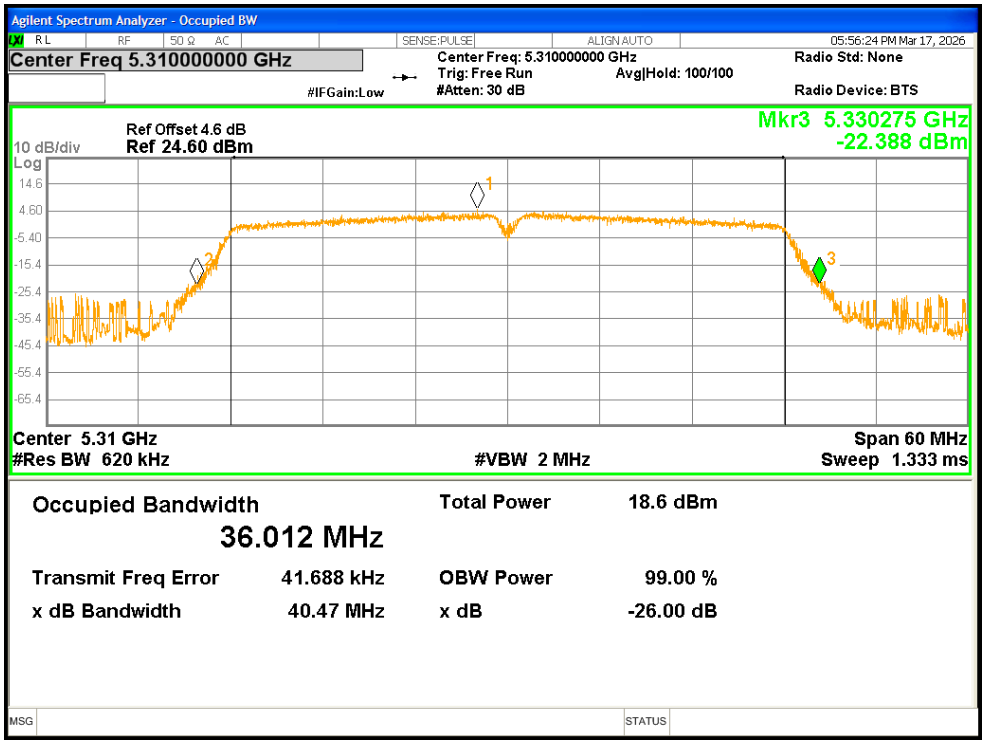
-26dB Bandwidth NVNT n20 5320MHz



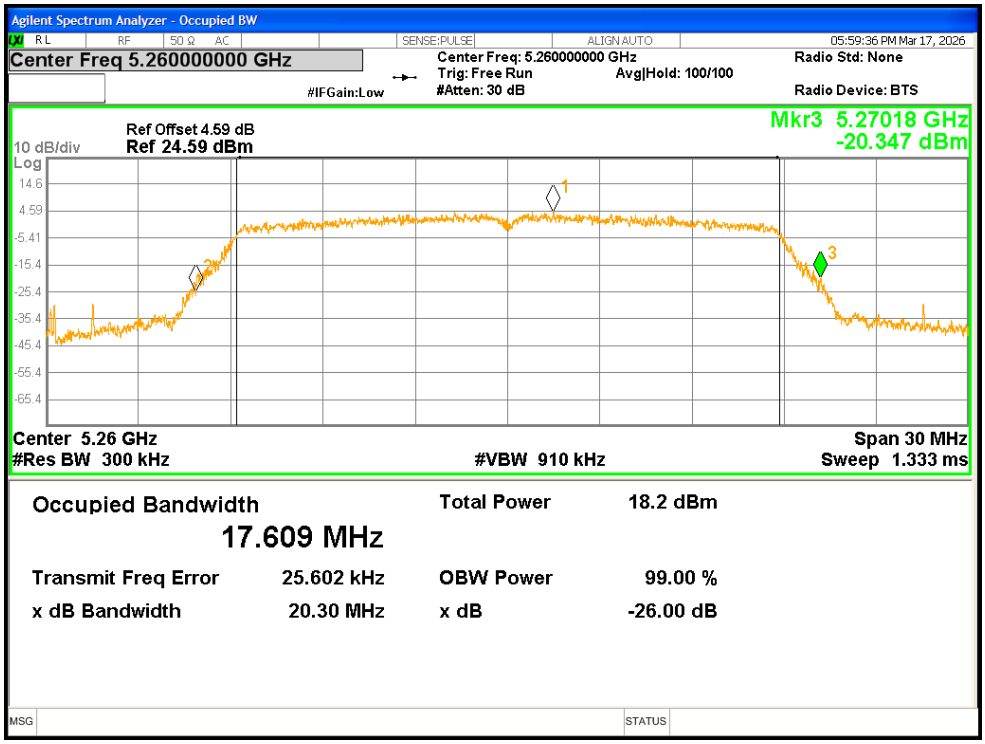
-26dB Bandwidth NVNT n40 5270MHz



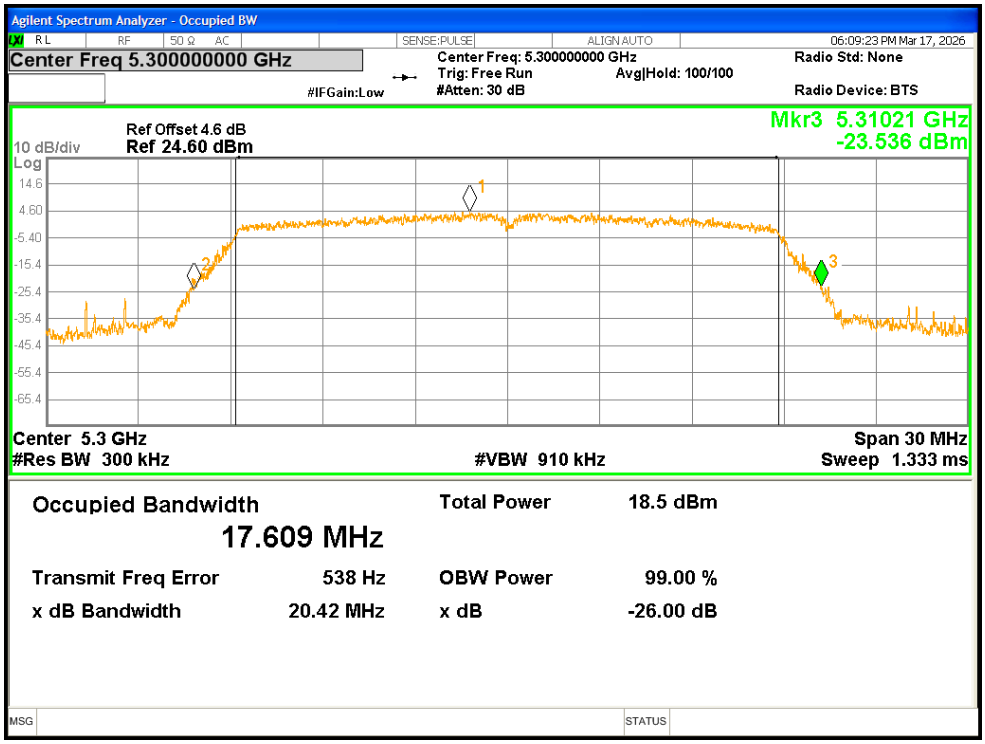
-26dB Bandwidth NVNT n40 5310MHz



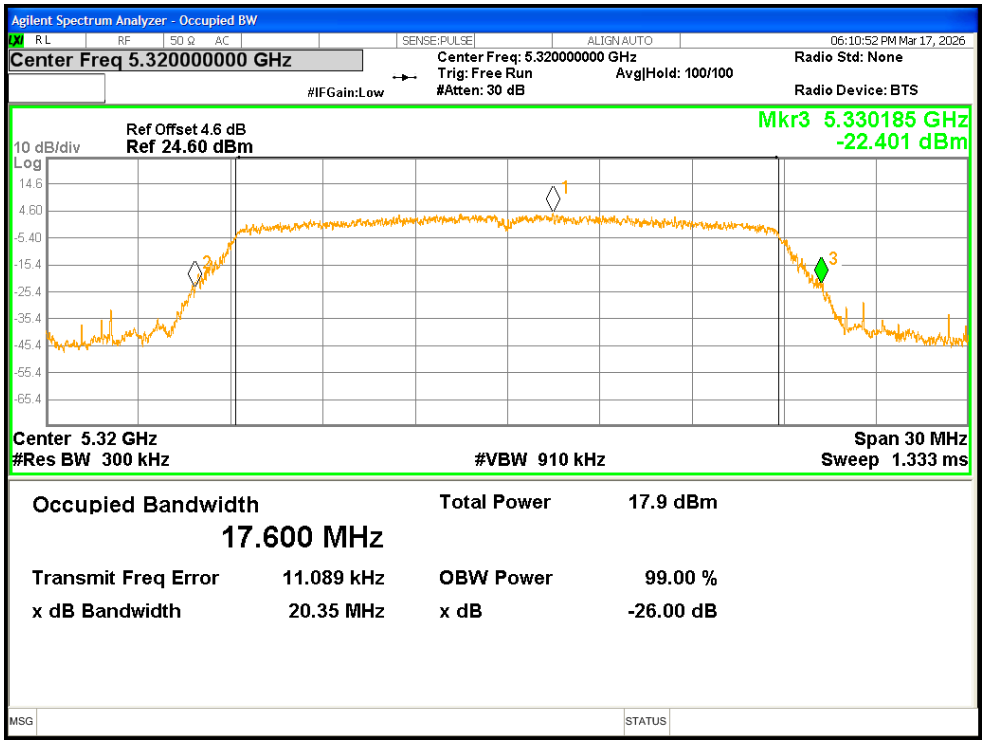
-26dB Bandwidth NVNT ac20 5260MHz



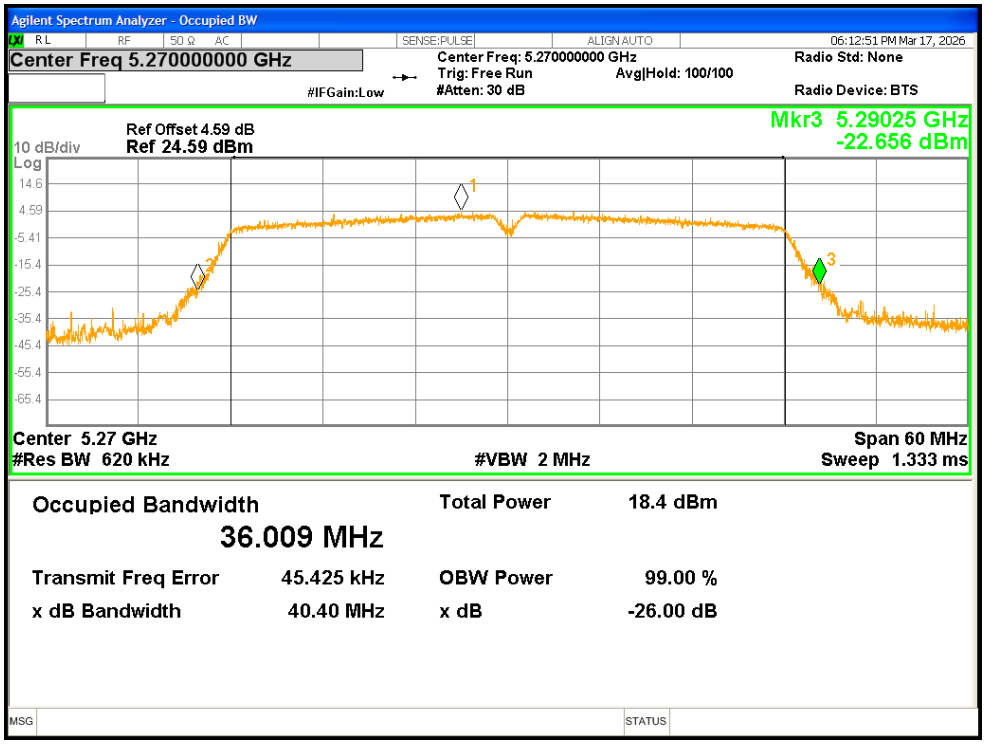
-26dB Bandwidth NVNT ac20 5300MHz



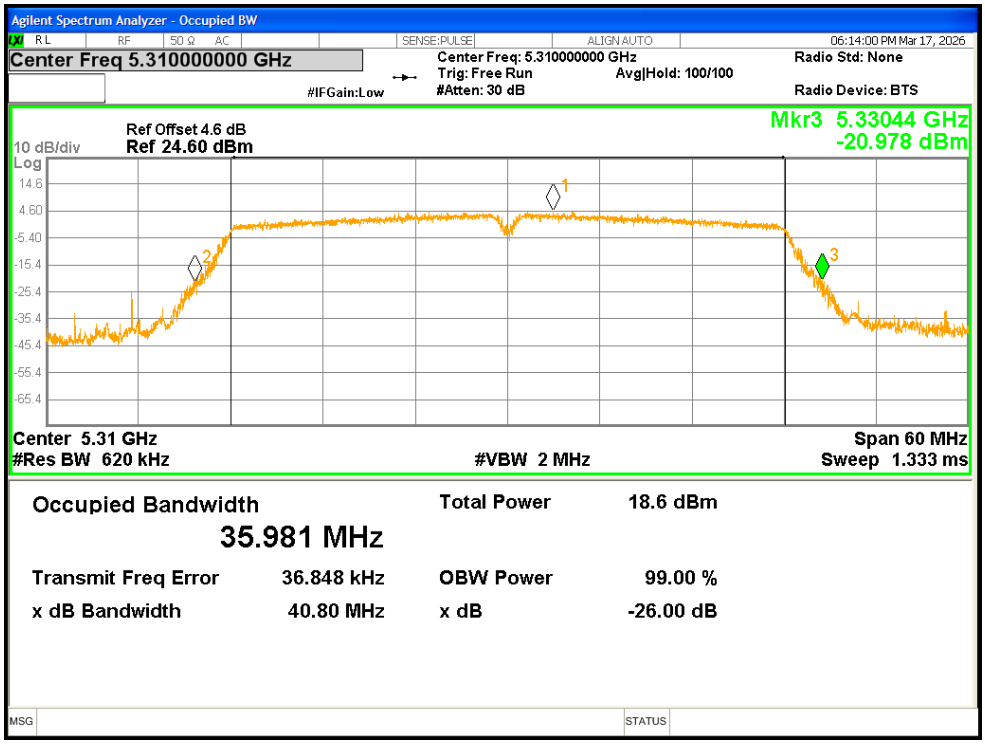
-26dB Bandwidth NVNT ac20 5320MHz



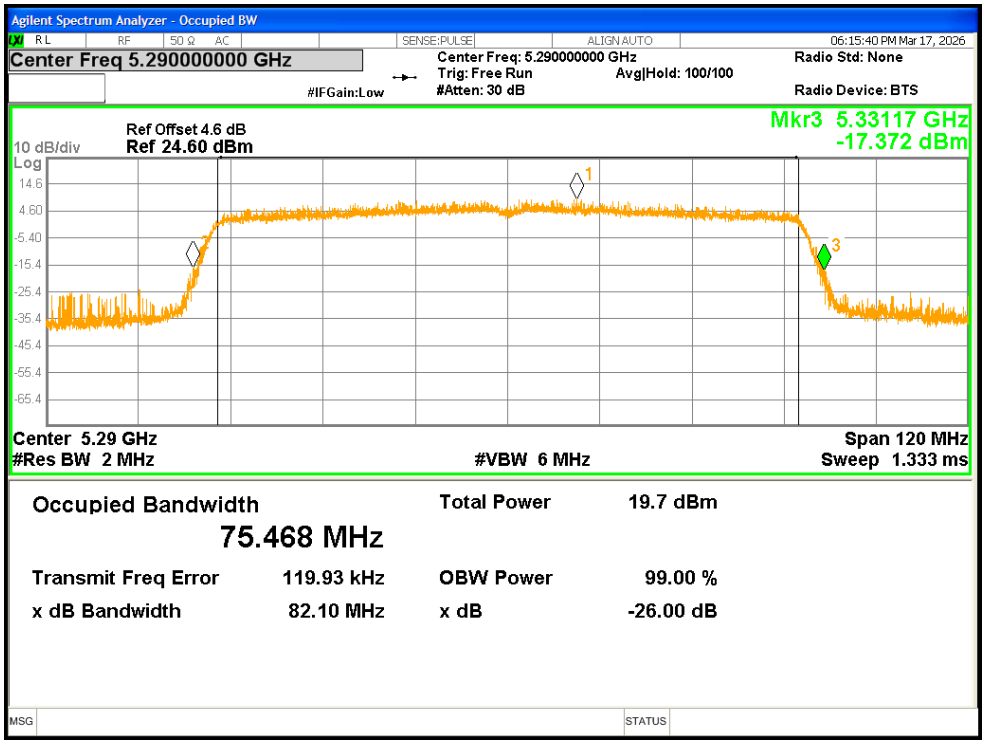
-26dB Bandwidth NVNT ac40 5270MHz



-26dB Bandwidth NVNT ac40 5310MHz



-26dB Bandwidth NVNT ac80 5290MHz

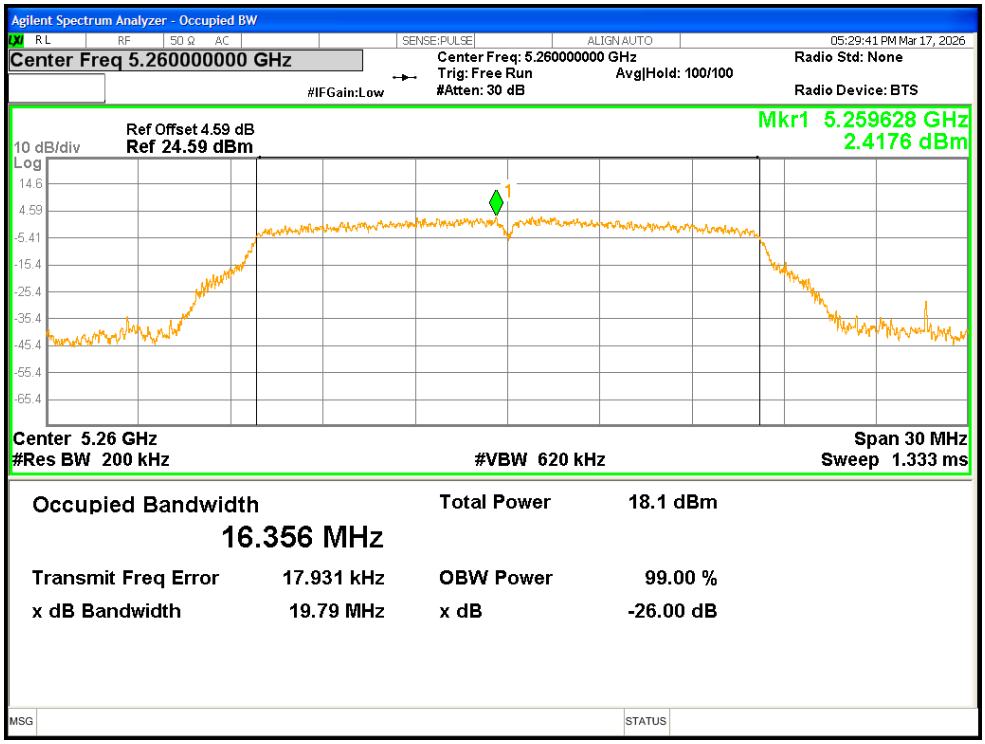


Occupied Channel Bandwidth

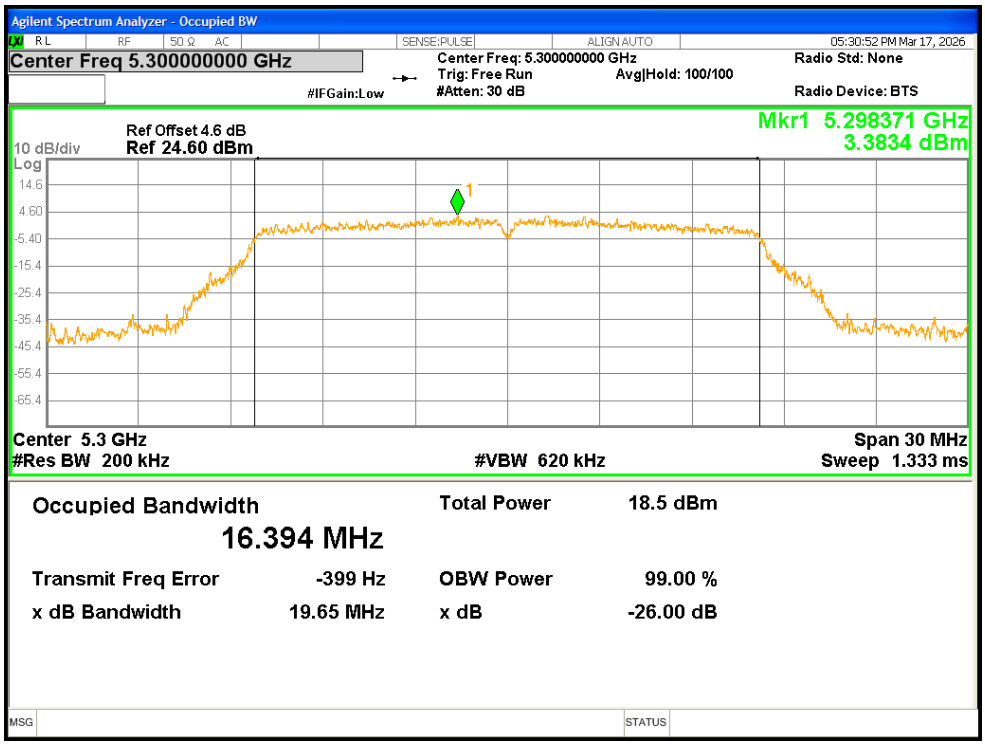
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5260	16.356
NVNT	a	5300	16.394
NVNT	a	5320	16.4
NVNT	n20	5260	17.561
NVNT	n20	5300	17.544
NVNT	n20	5320	17.541
NVNT	n40	5270	35.946
NVNT	n40	5310	35.908
NVNT	ac20	5260	17.539
NVNT	ac20	5300	17.538
NVNT	ac20	5320	17.537
NVNT	ac40	5270	35.918
NVNT	ac40	5310	35.986
NVNT	ac80	5290	75.209

Test Graphs

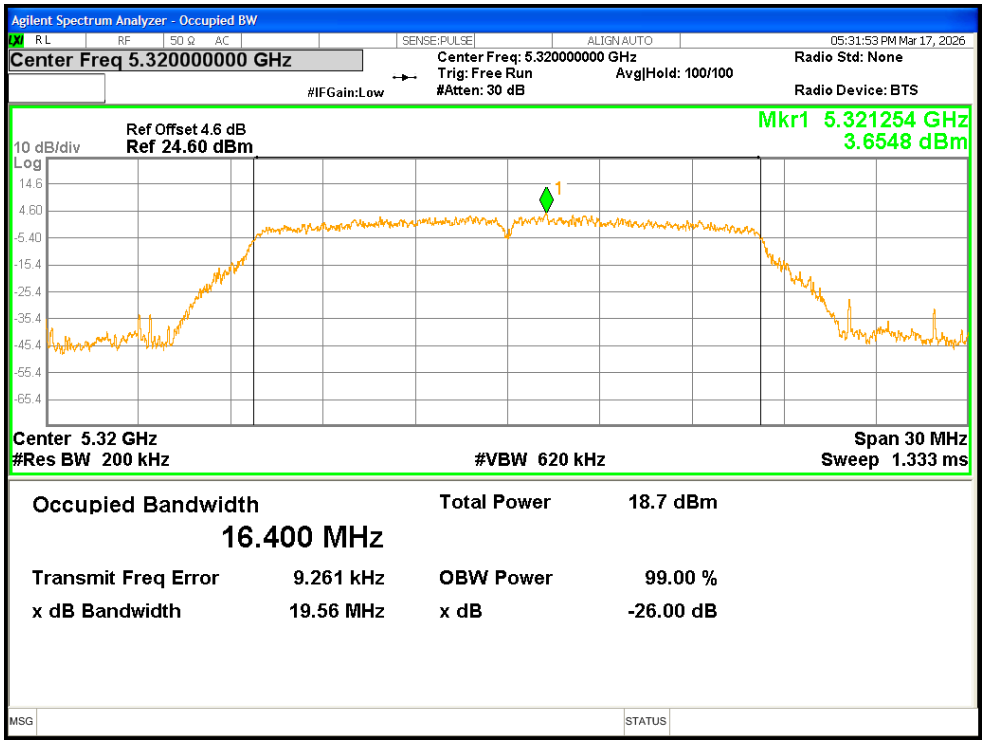
OBW NVNT a 5260MHz



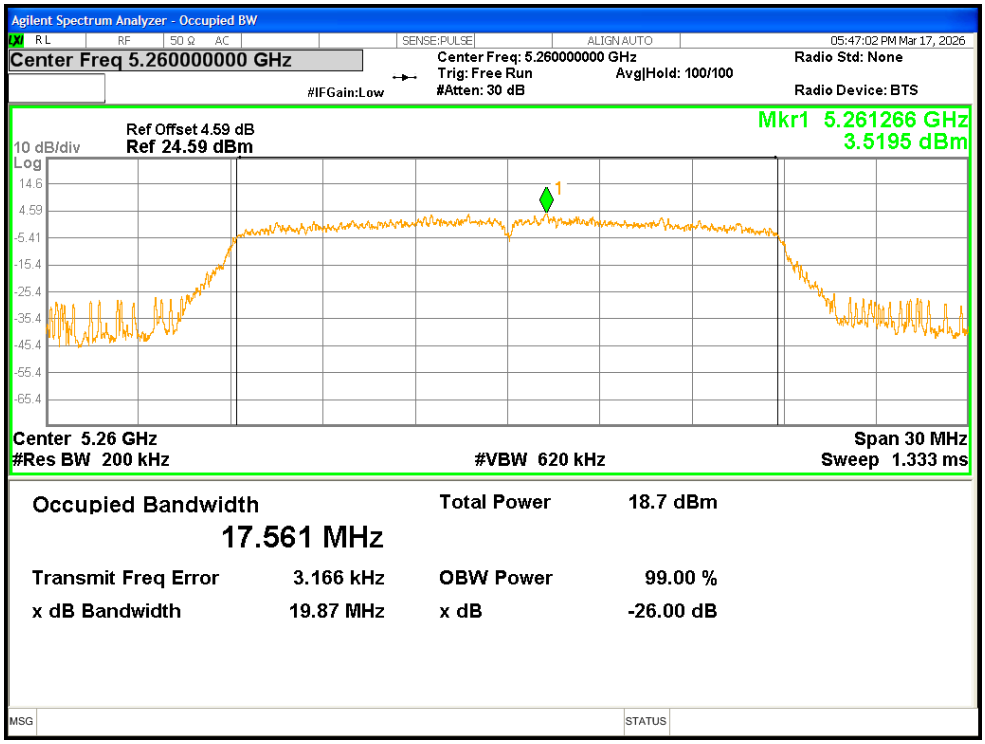
OBW NVNT a 5300MHz



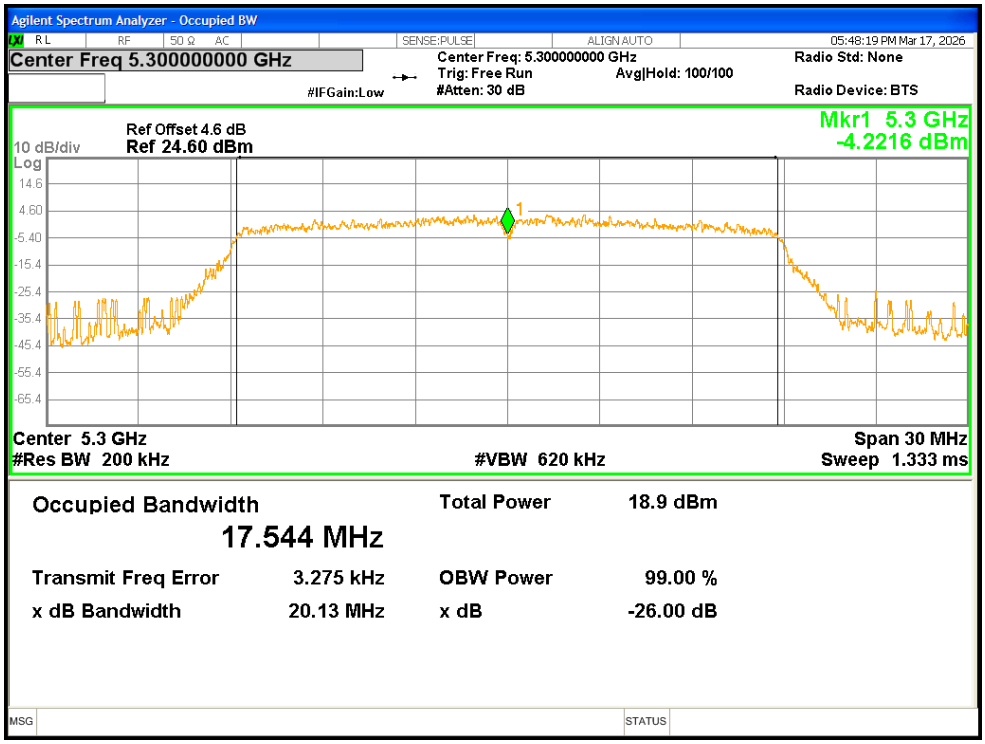
OBW NVNT a 5320MHz



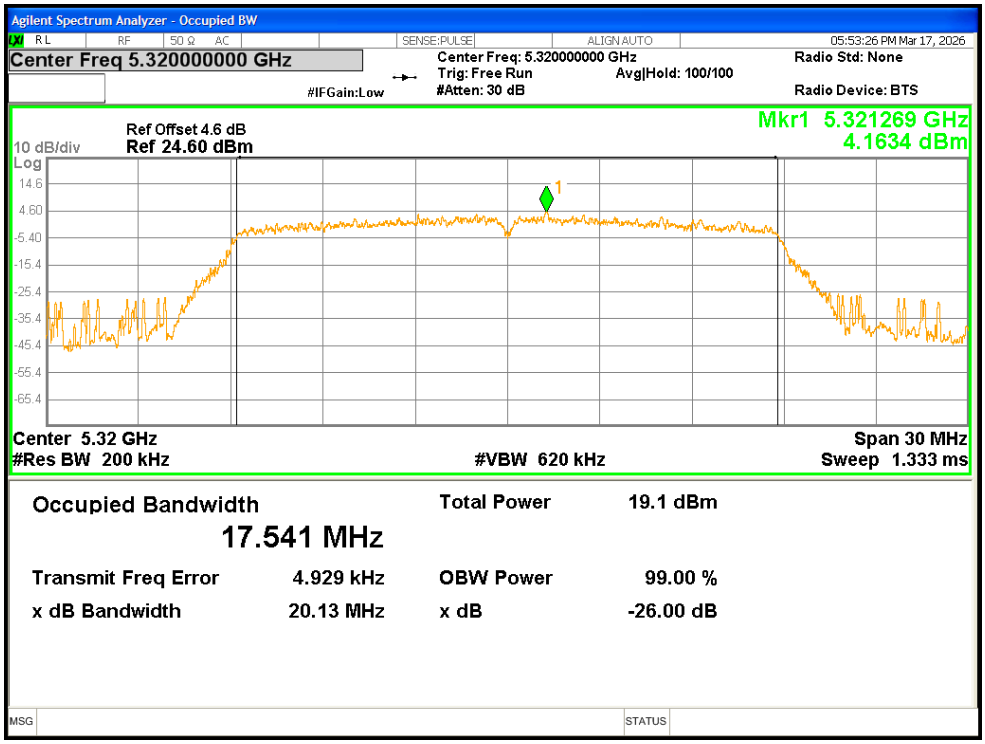
OBW NVNT n20 5260MHz



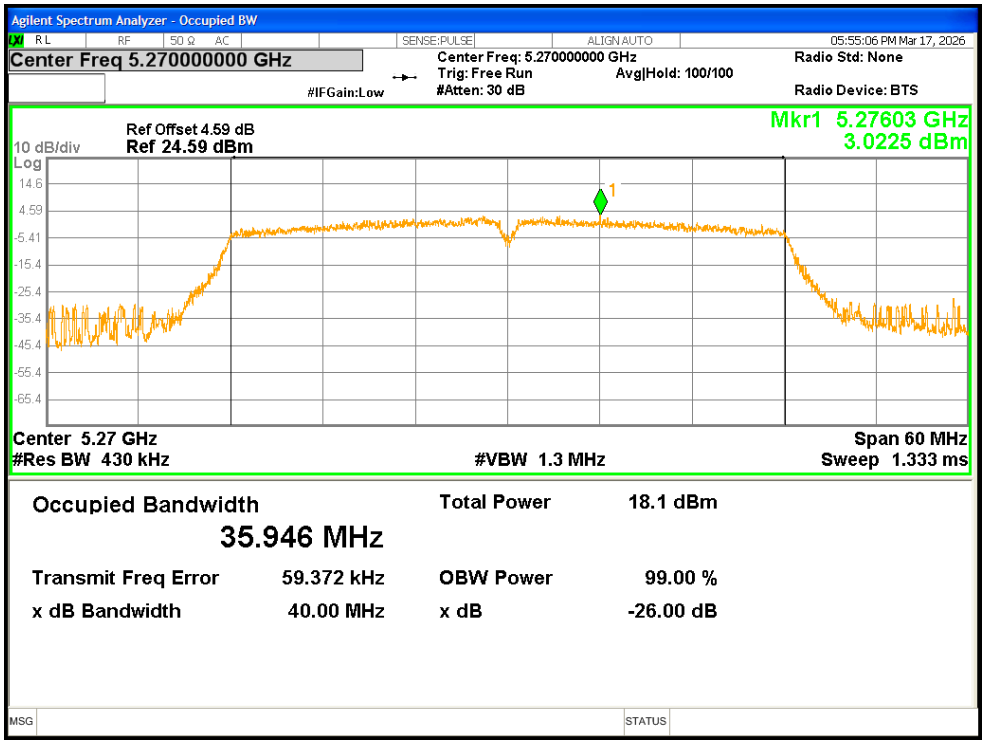
OBW NVNT n20 5300MHz



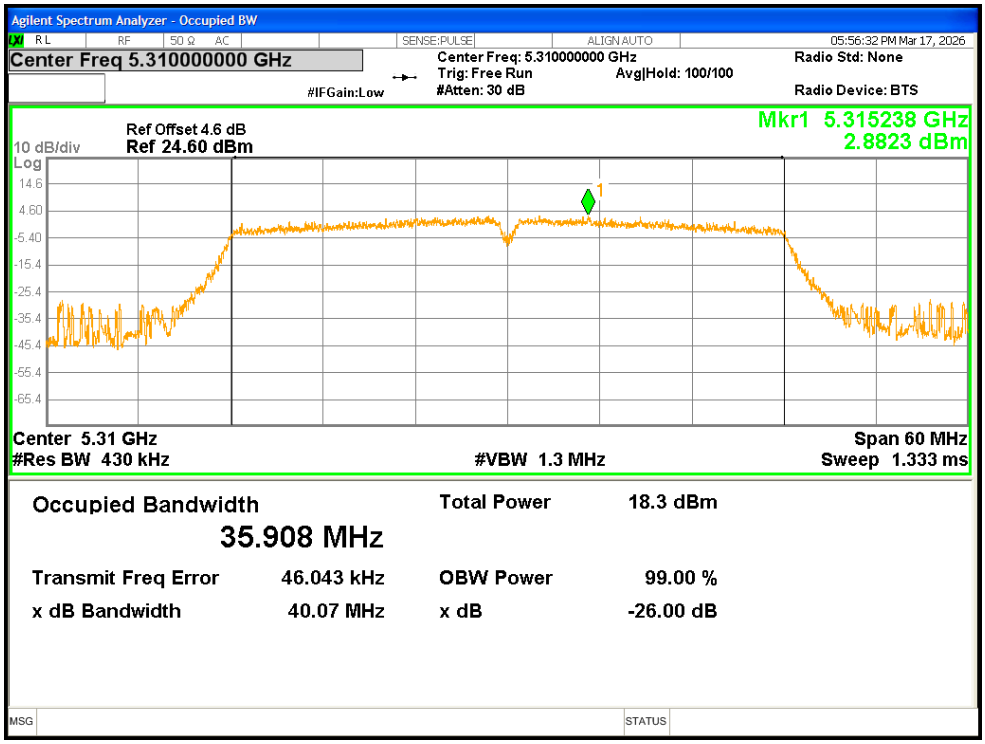
OBW NVNT n20 5320MHz



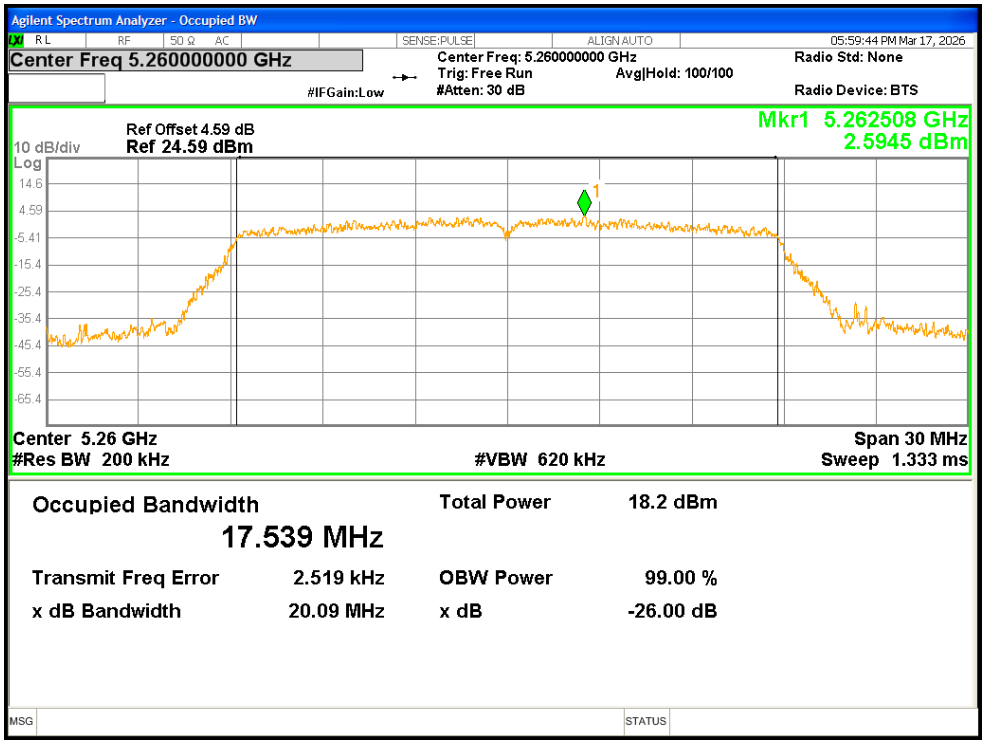
OBW NVNT n40 5270MHz



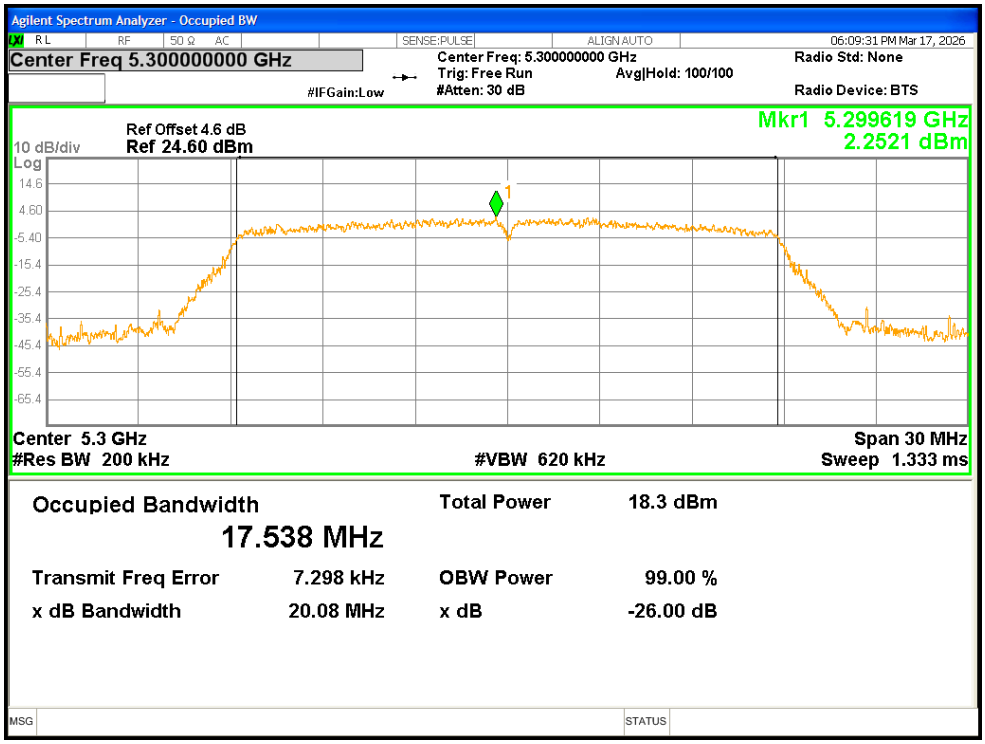
OBW NVNT n40 5310MHz



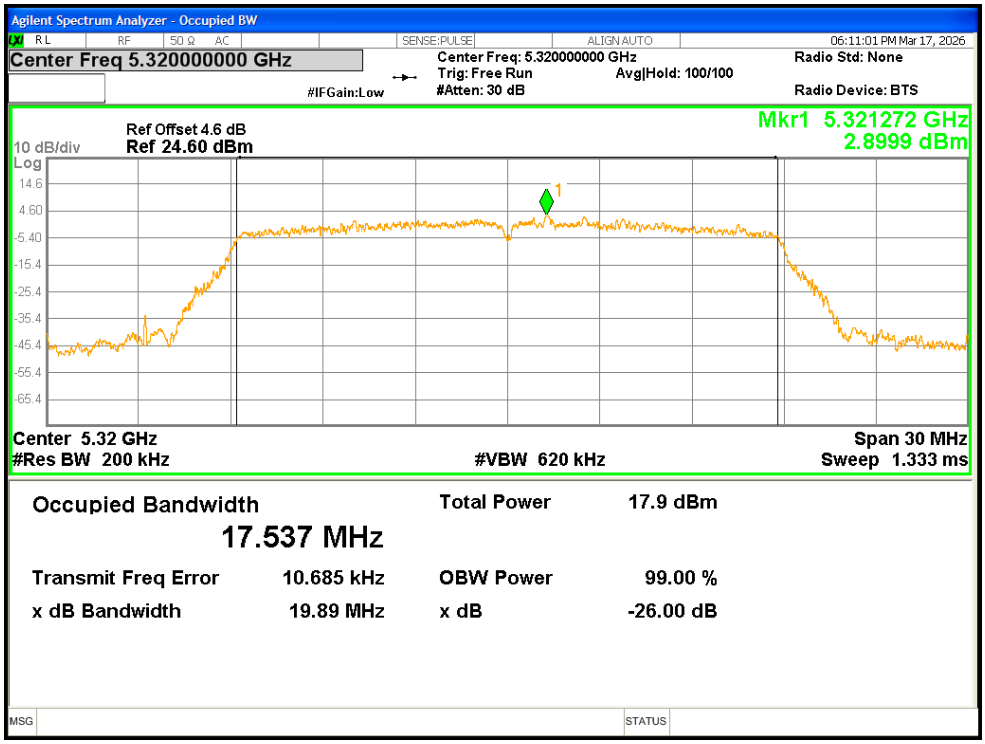
OBW NVNT ac20 5260MHz



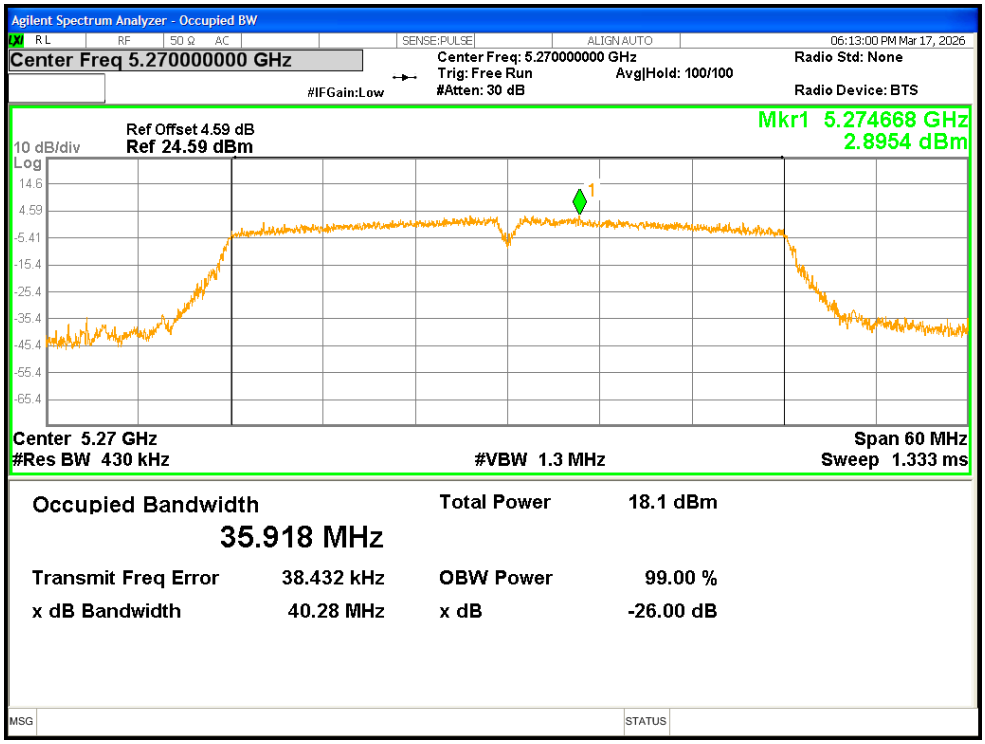
OBW NVNT ac20 5300MHz



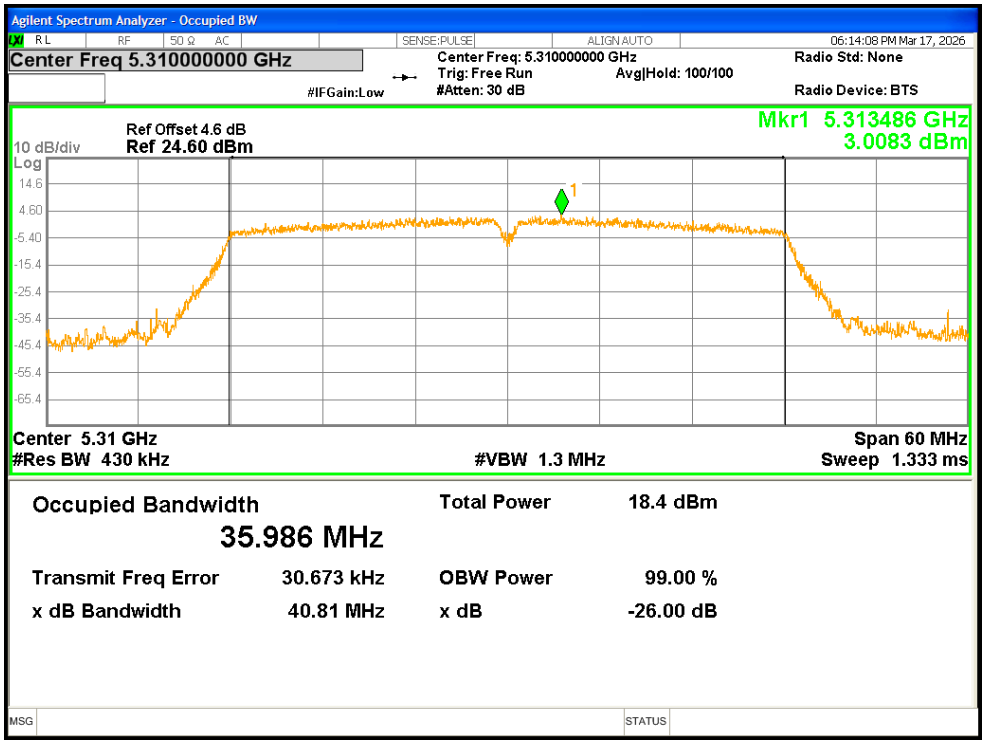
OBW NVNT ac20 5320MHz



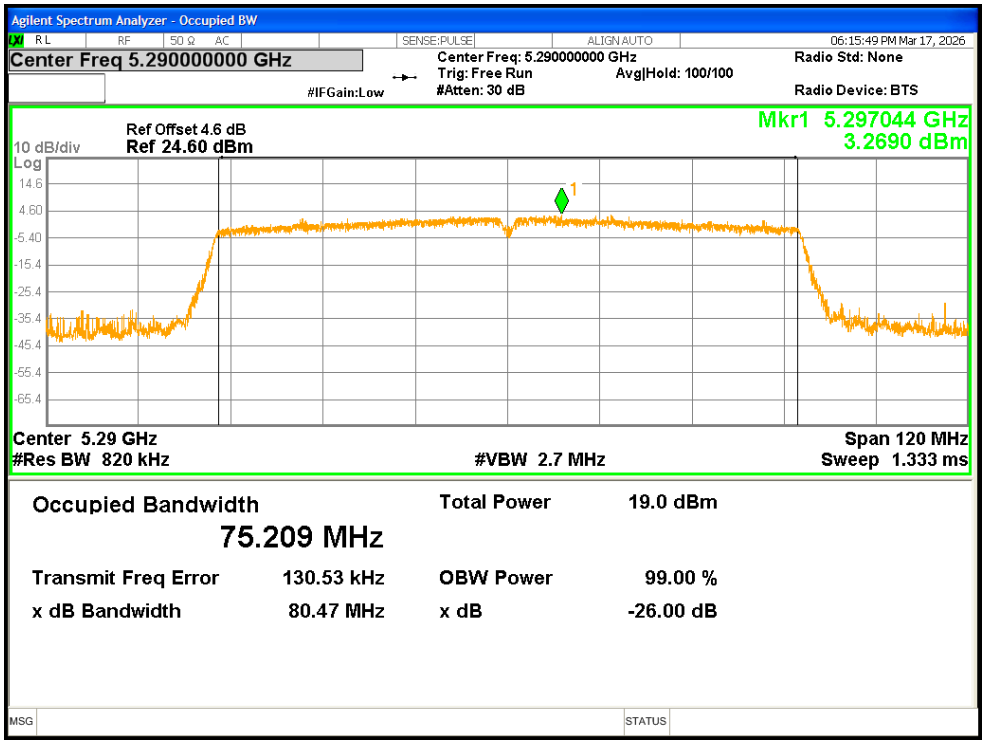
OBW NVNT ac40 5270MHz



OBW NVNT ac40 5310MHz



OBW NVNT ac80 5290MHz

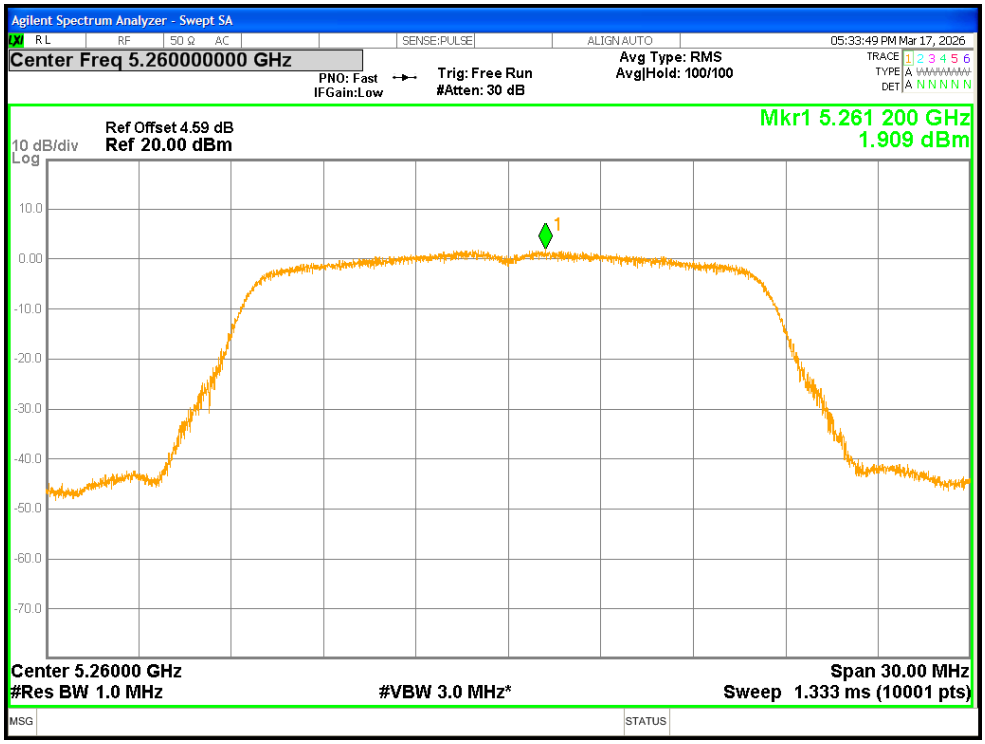


Maximum Power Spectral Density Level

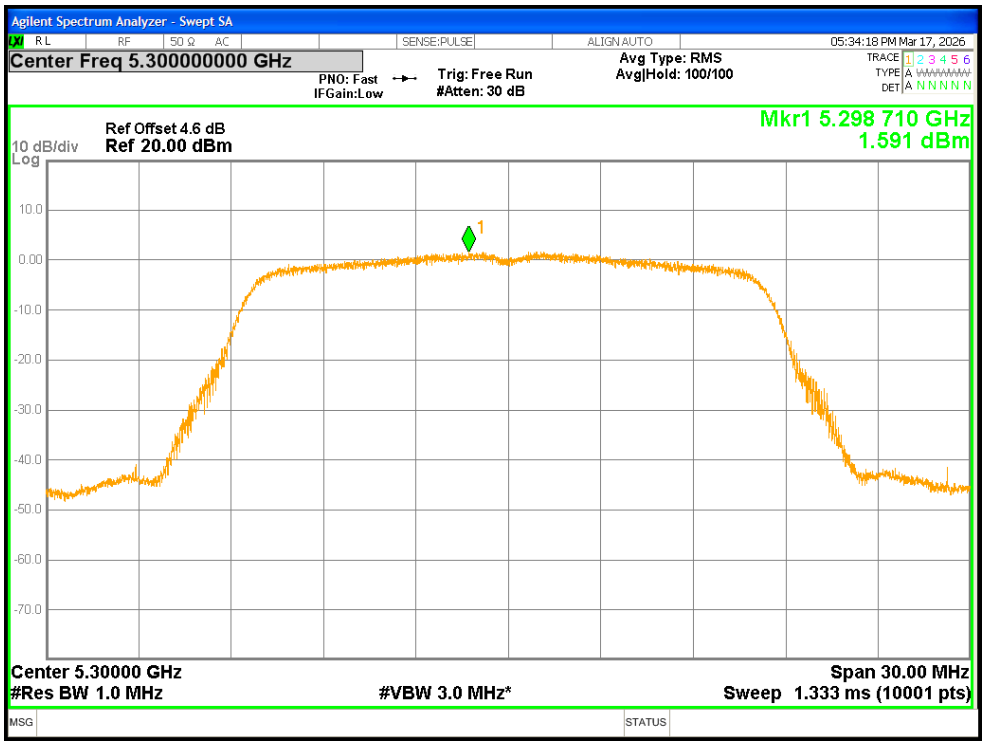
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	1.909	0.13	2.039	<=11	Pass
NVNT	a	5300	1.591	0.13	1.721	<=11	Pass
NVNT	a	5320	2.35	0.13	2.48	<=11	Pass
NVNT	n20	5260	3.284	0.14	3.424	<=11	Pass
NVNT	n20	5300	3.303	0.15	3.453	<=11	Pass
NVNT	n20	5320	3.603	0.15	3.753	<=11	Pass
NVNT	n40	5270	-0.644	0.29	-0.354	<=11	Pass
NVNT	n40	5310	-0.014	0.28	0.266	<=11	Pass
NVNT	ac20	5260	2.608	0.15	2.758	<=11	Pass
NVNT	ac20	5300	3.035	0.15	3.185	<=11	Pass
NVNT	ac20	5320	2.206	0.15	2.356	<=11	Pass
NVNT	ac40	5270	-0.444	0.28	-0.164	<=11	Pass
NVNT	ac40	5310	-0.252	0.28	0.028	<=11	Pass
NVNT	ac80	5290	-3.678	0.55	-3.128	<=11	Pass

Test Graphs

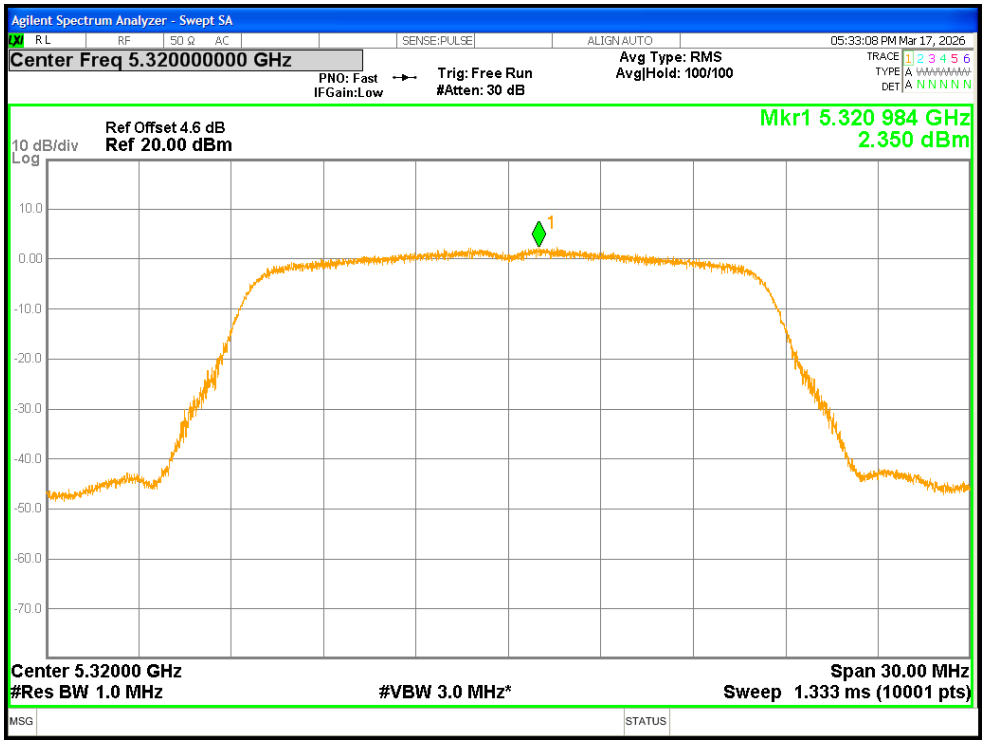
PSD NVNT a 5260MHz



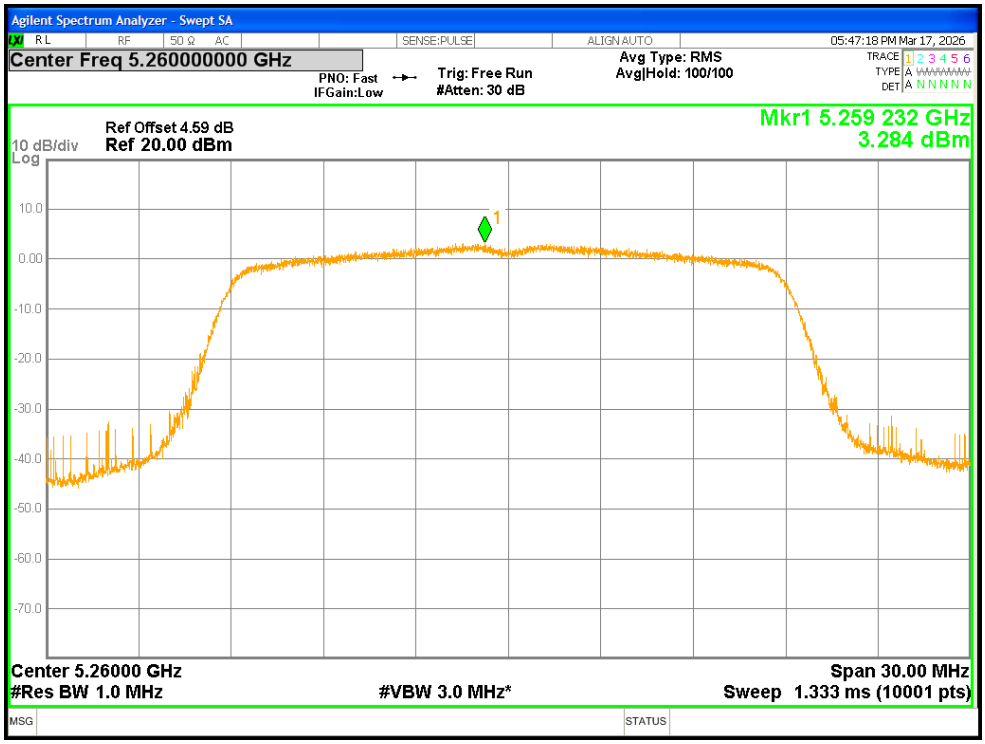
PSD NVNT a 5300MHz



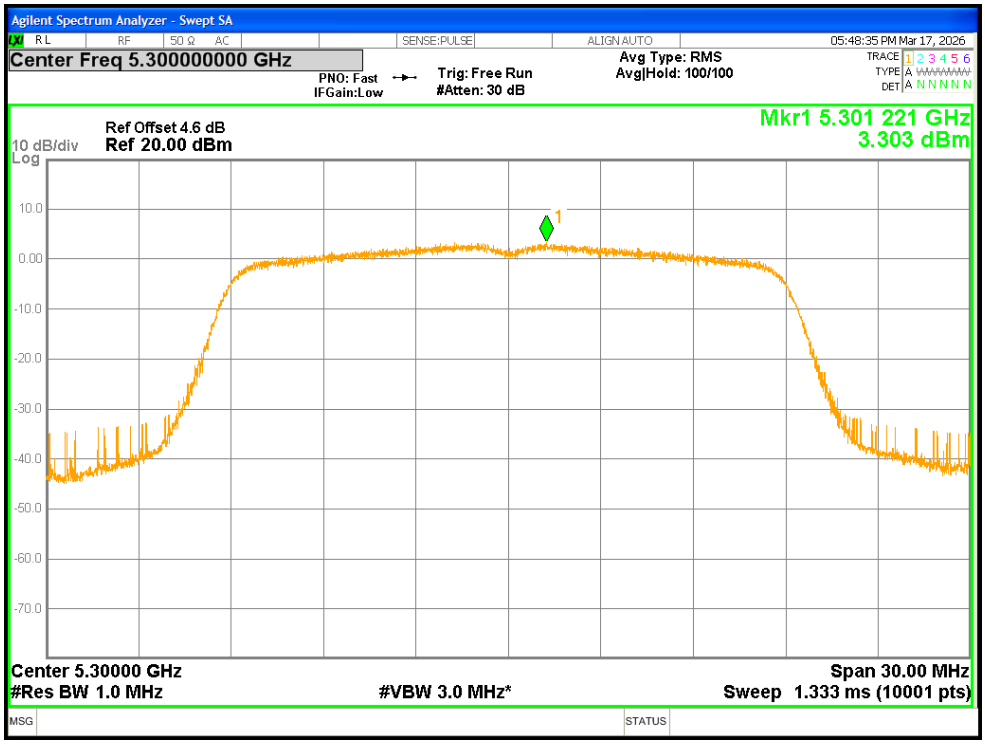
PSD NVNT a 5320MHz



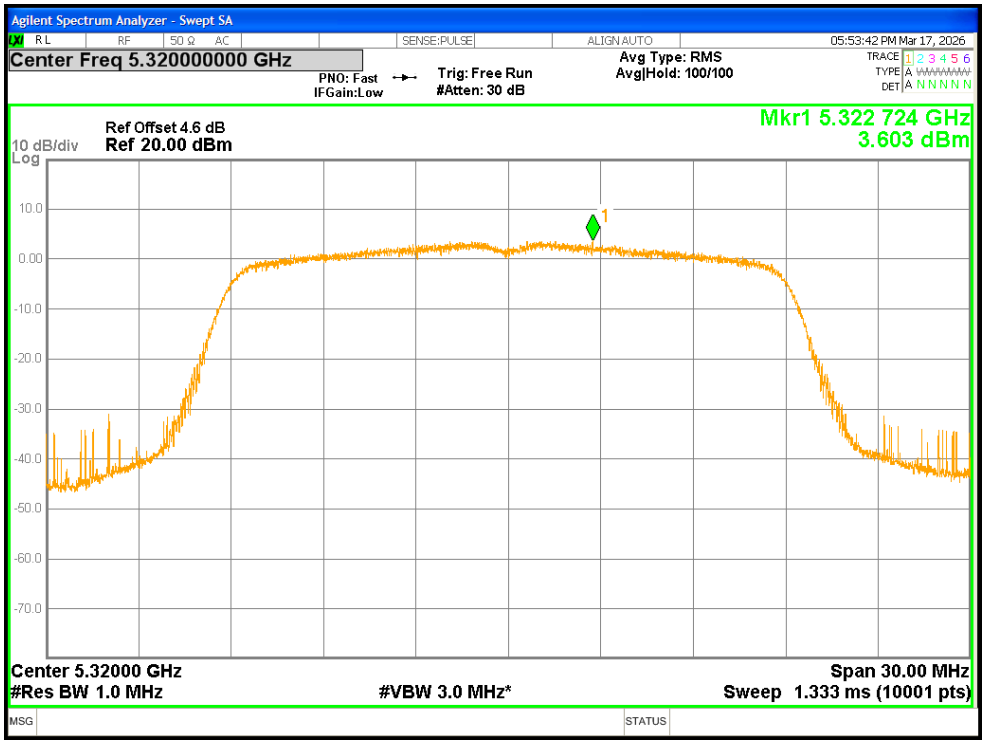
PSD NVNT n20 5260MHz



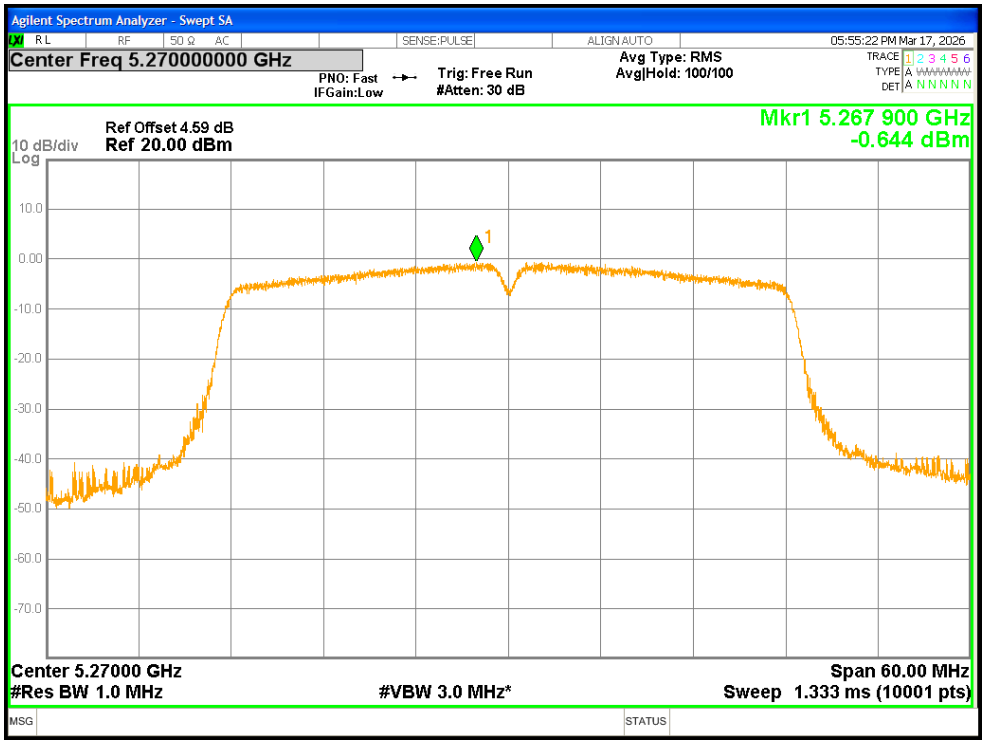
PSD NVNT n20 5300MHz



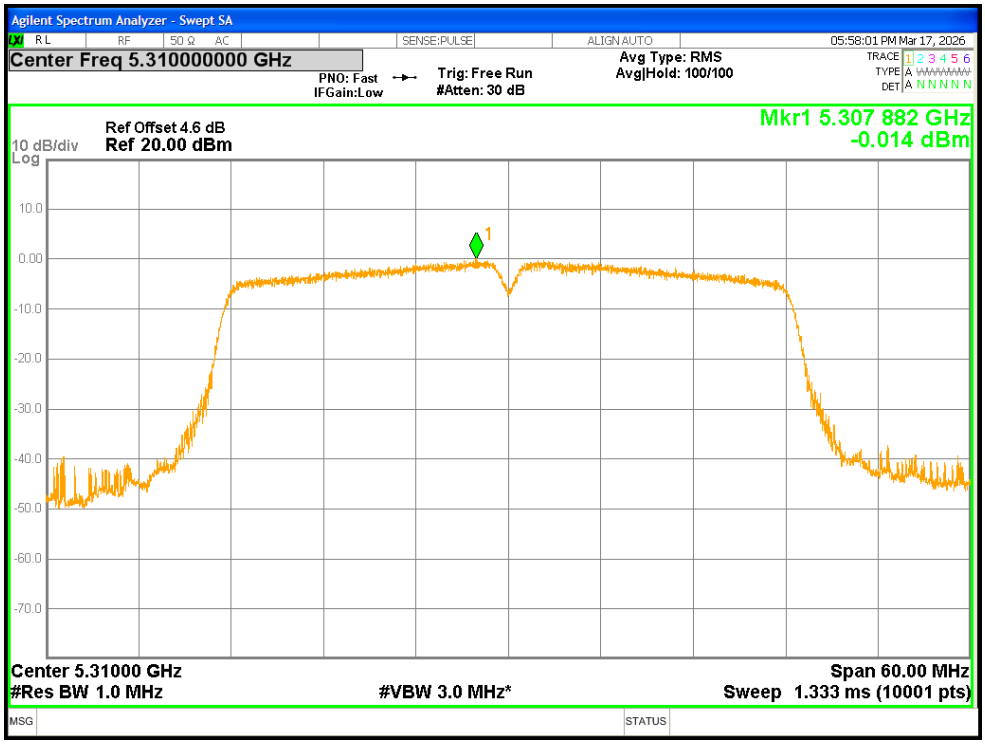
PSD NVNT n20 5320MHz



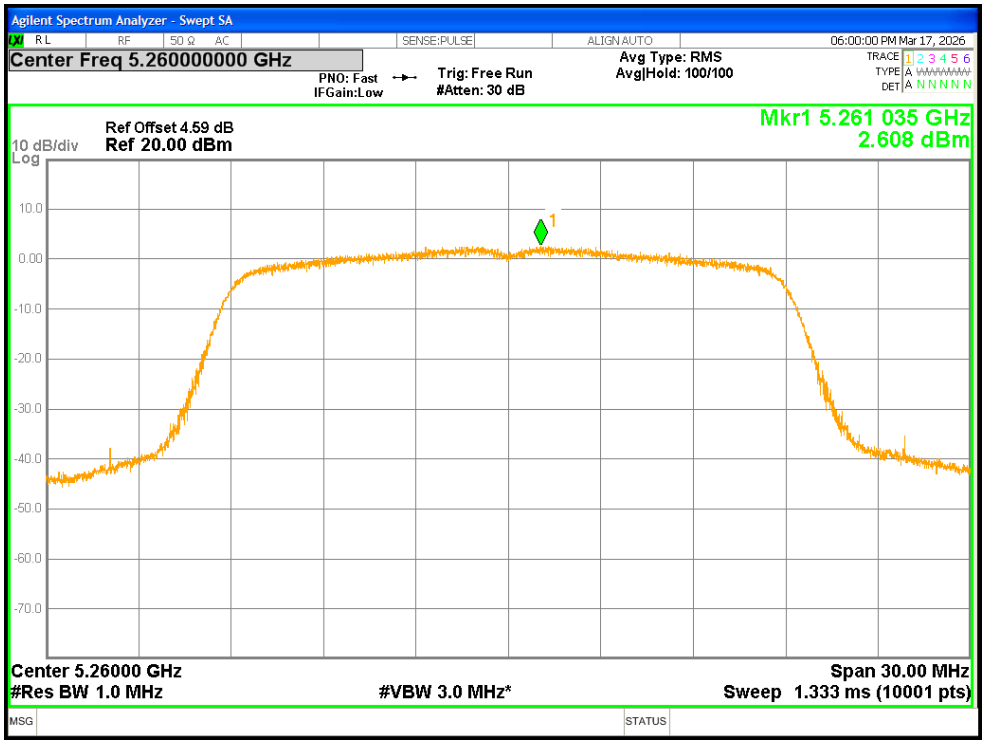
PSD NVNT n40 5270MHz



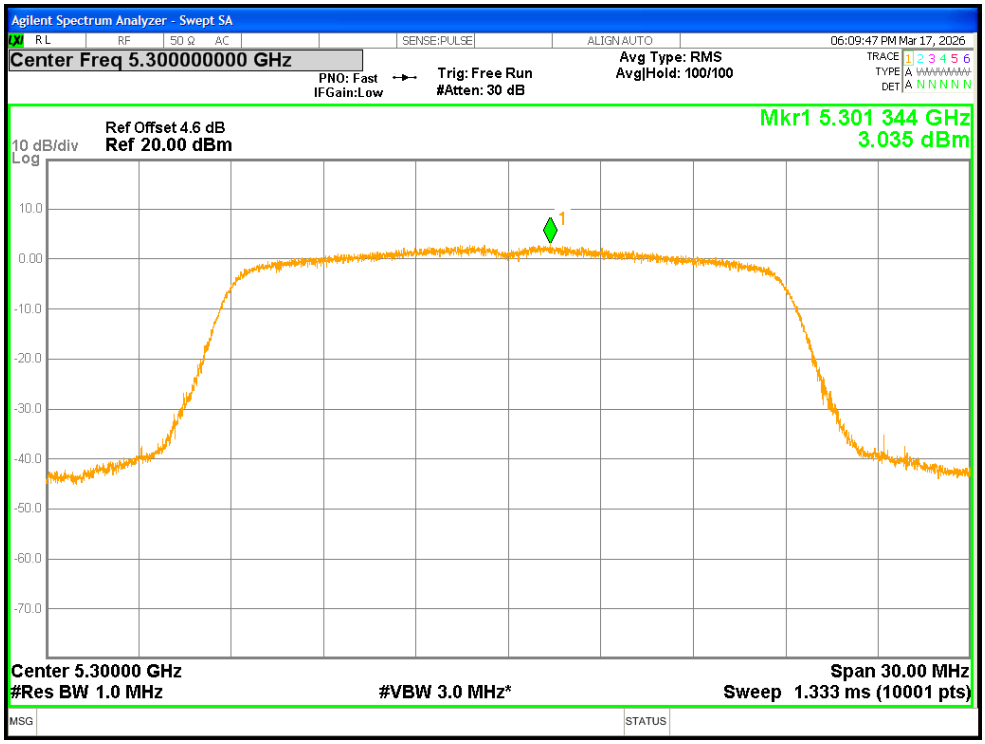
PSD NVNT n40 5310MHz



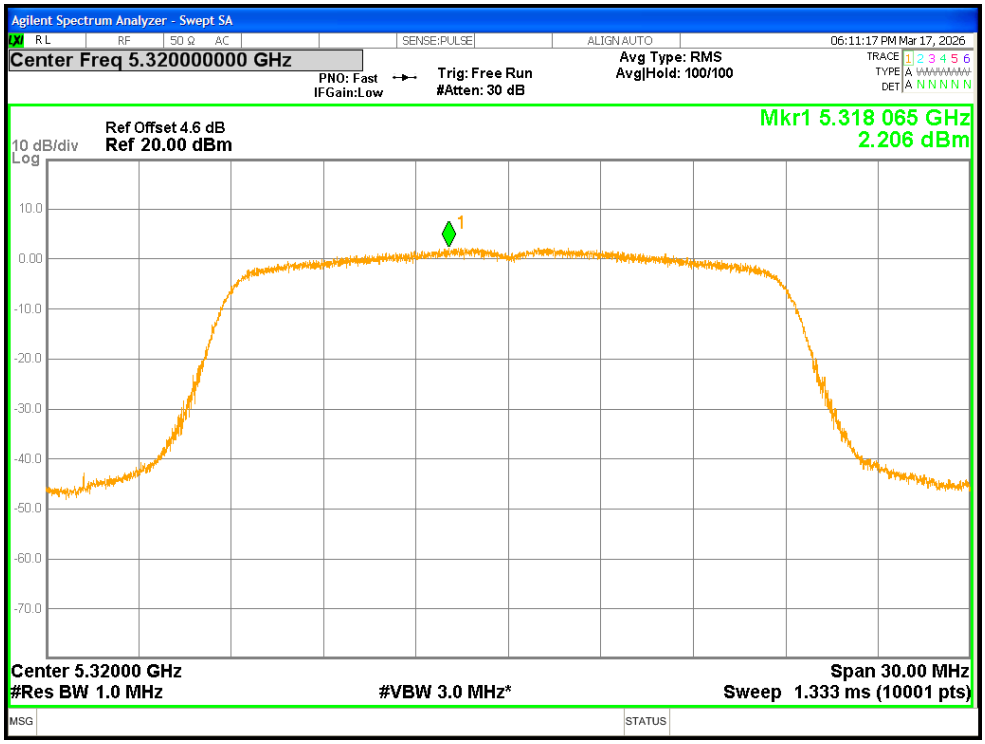
PSD NVNT ac20 5260MHz



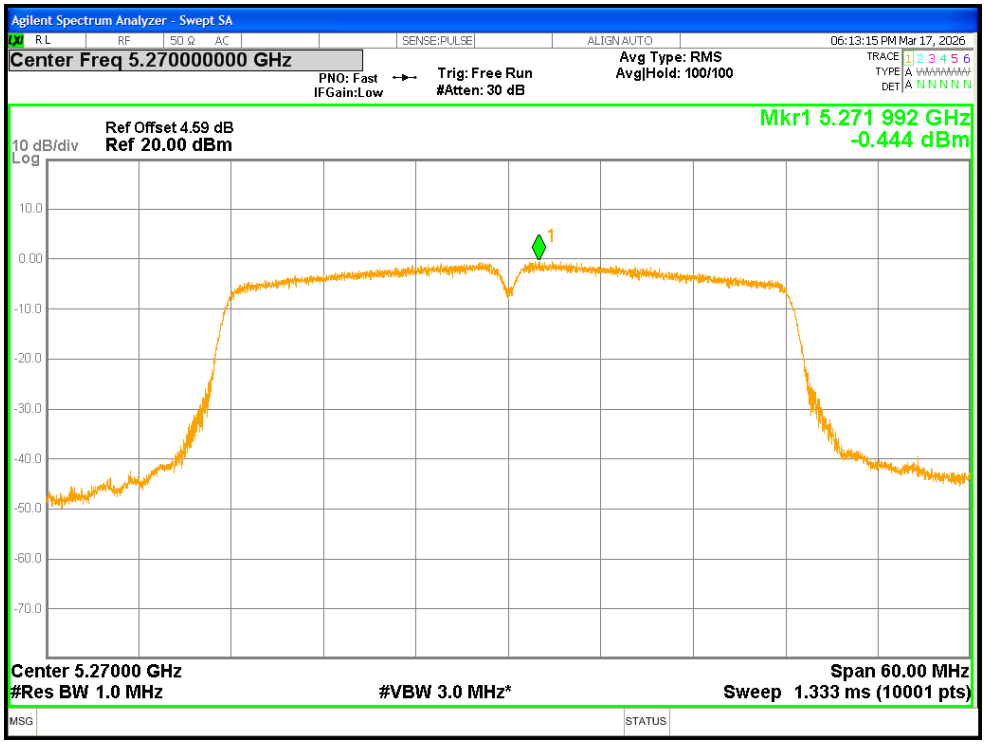
PSD NVNT ac20 5300MHz



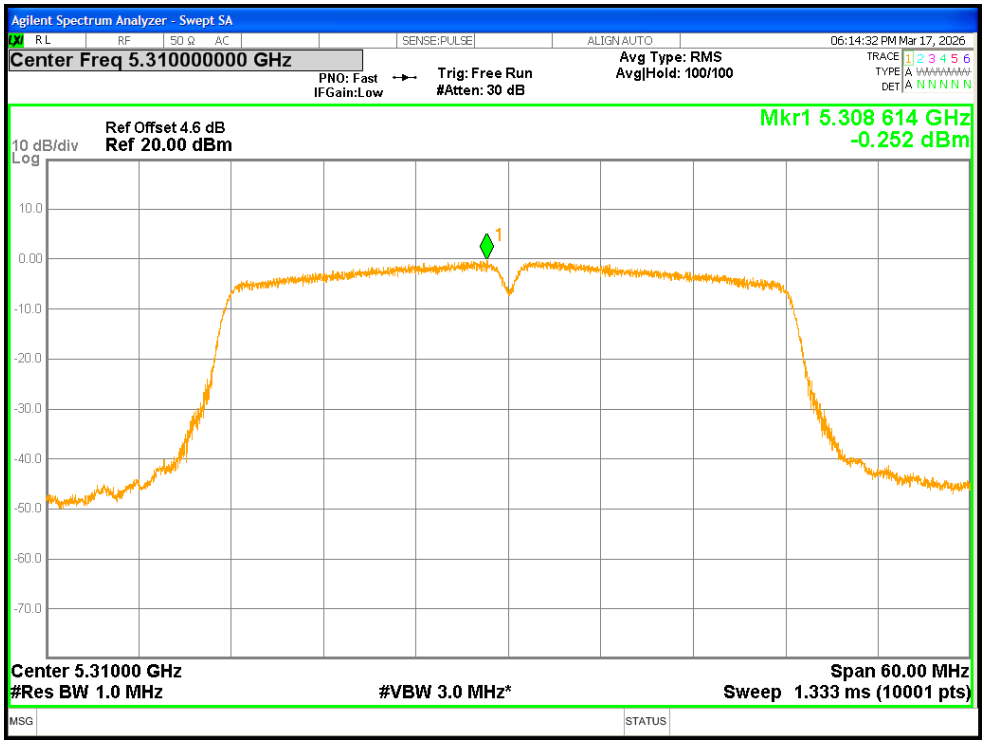
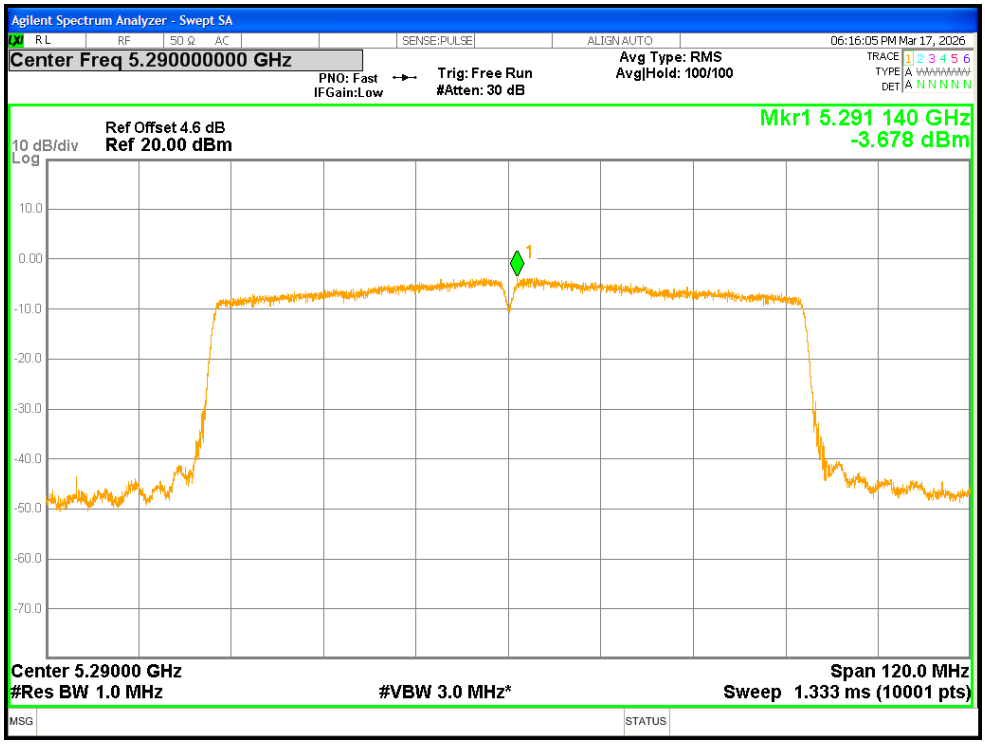
PSD NVNT ac20 5320MHz



PSD NVNT ac40 5270MHz



PSD NVNT ac40 5310MHz



PSD NVNT ac80 5290MHz