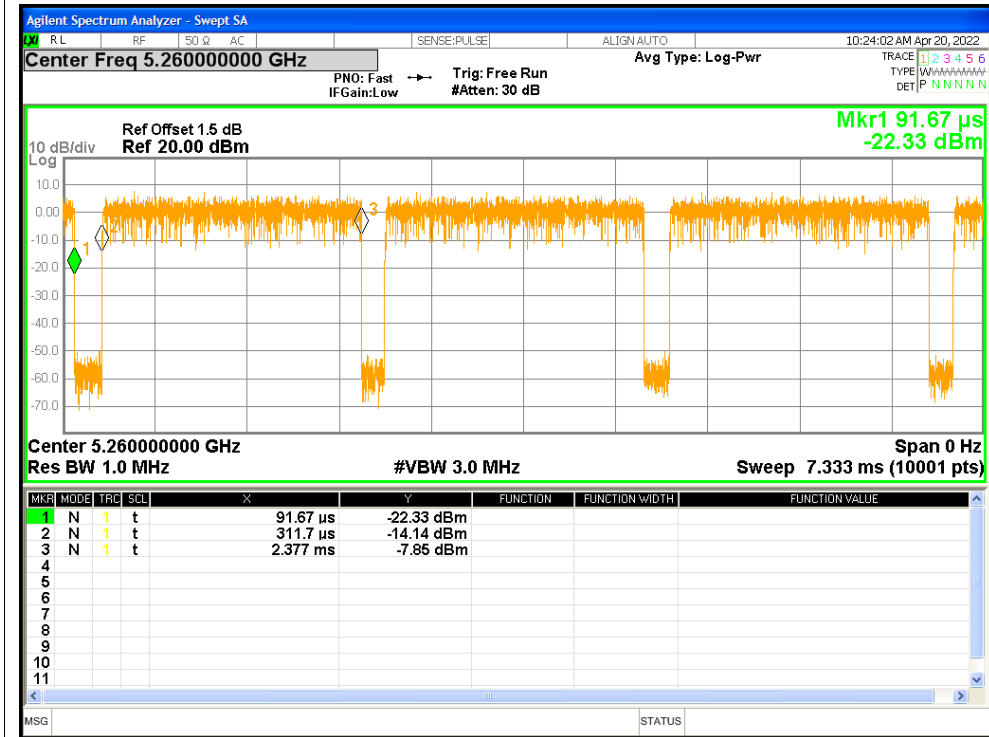


Duty Cycle

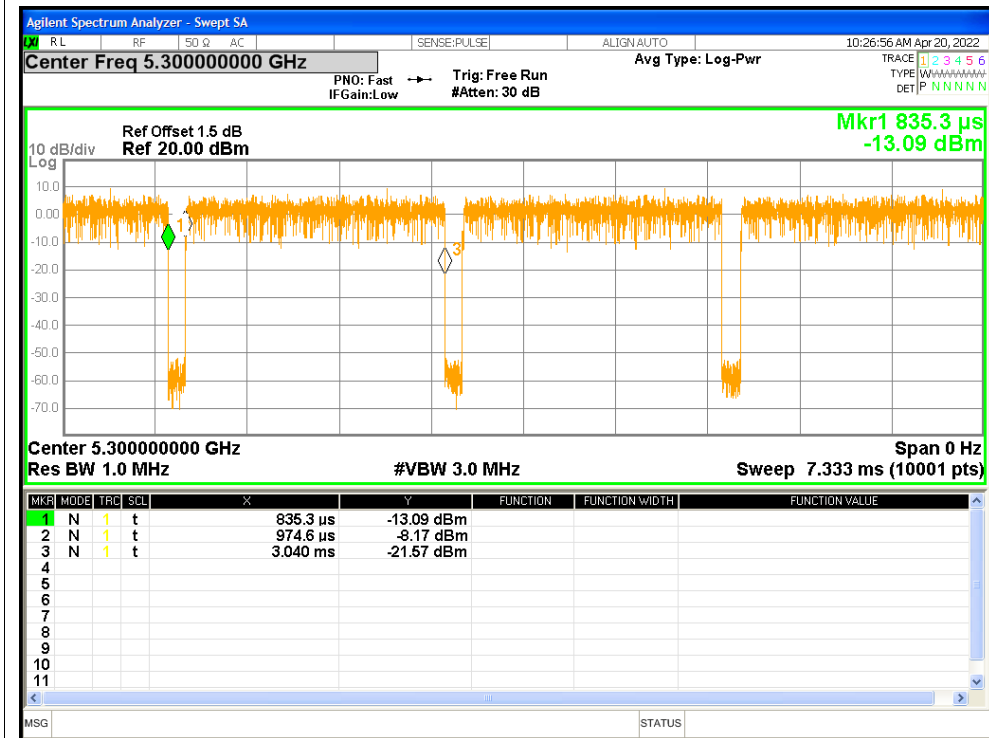
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	90.38	0.44	0.48
NVNT	a	5300	93.68	0.28	0.48
NVNT	a	5320	92.91	0.32	0.48
NVNT	n20	5260	94.9	0.23	0.52
NVNT	n20	5300	90.5	0.43	0.52
NVNT	n20	5320	93.67	0.28	0.52
NVNT	n40	5270	83.72	0.77	1.06
NVNT	n40	5310	88.74	0.52	1.06
NVNT	ac20	5260	90.65	0.43	0.52
NVNT	ac20	5300	92.2	0.35	0.52
NVNT	ac20	5320	93.41	0.3	0.52
NVNT	ac40	5270	88.99	0.51	1.05
NVNT	ac40	5310	88.99	0.51	1.05
NVNT	ac80	5290	67.15	1.73	2.16

Test Graphs

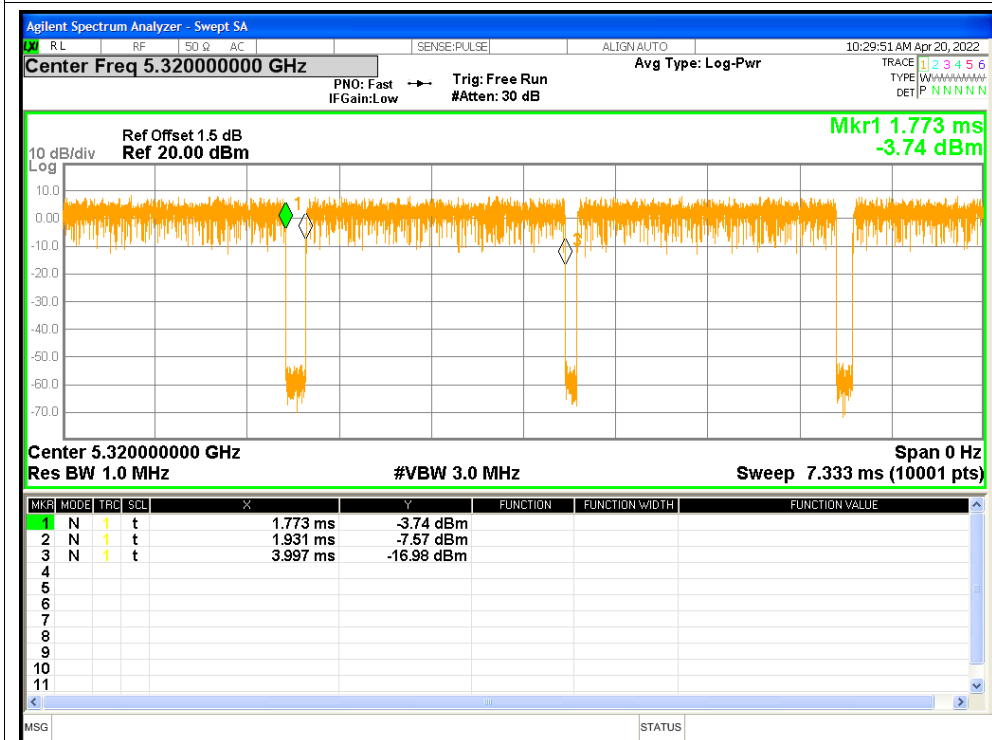
Duty Cycle NVNT a 5260MHz



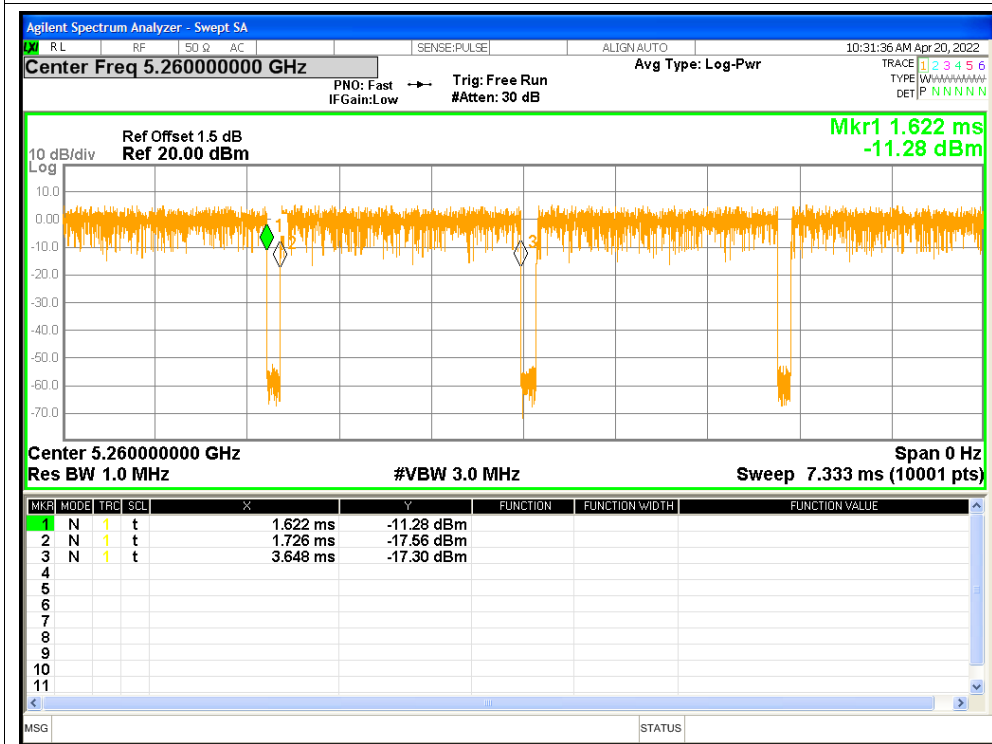
Duty Cycle NVNT a 5300MHz

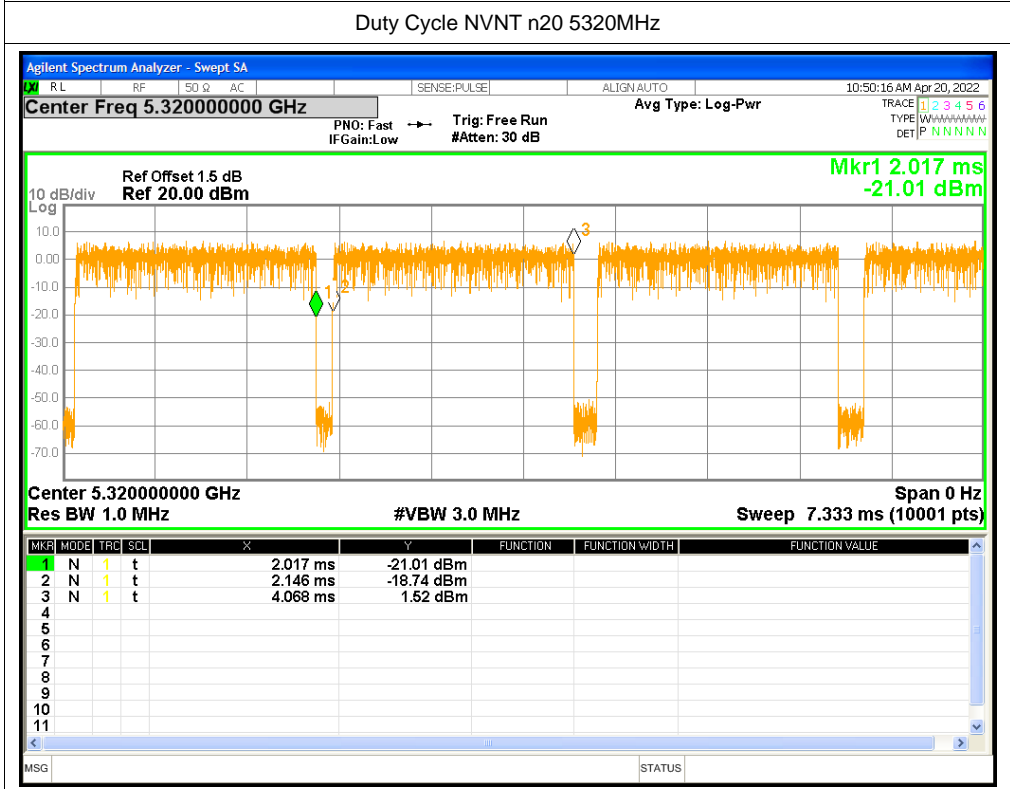
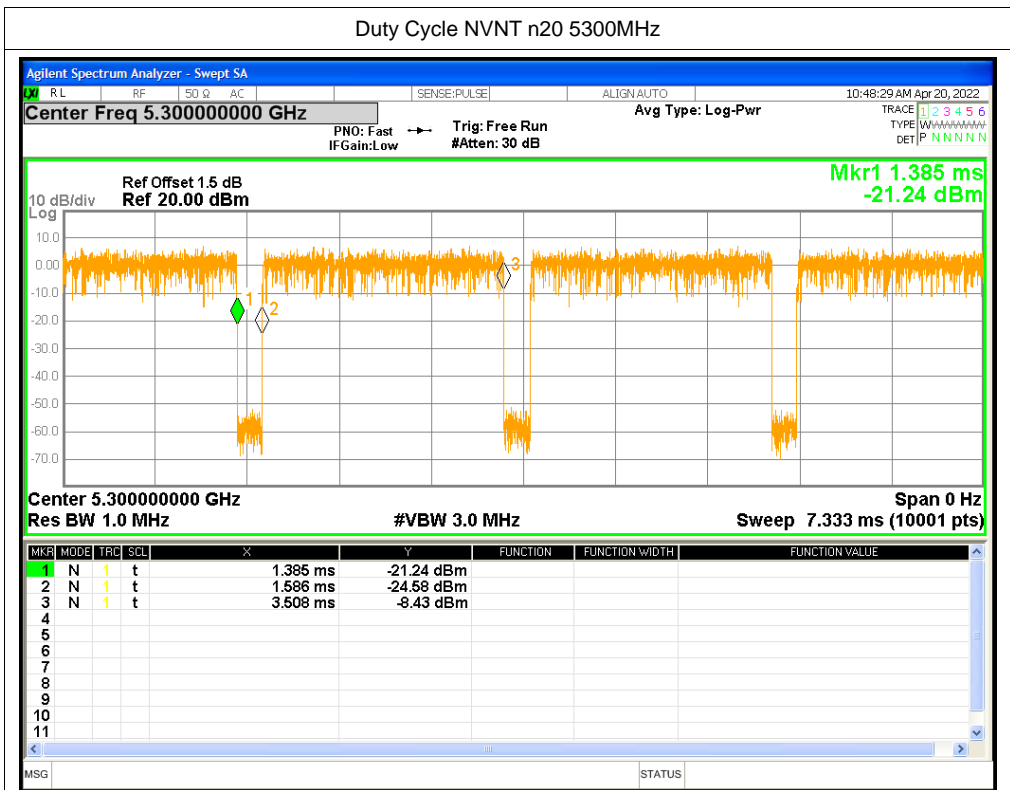


Duty Cycle NVNT a 5320MHz

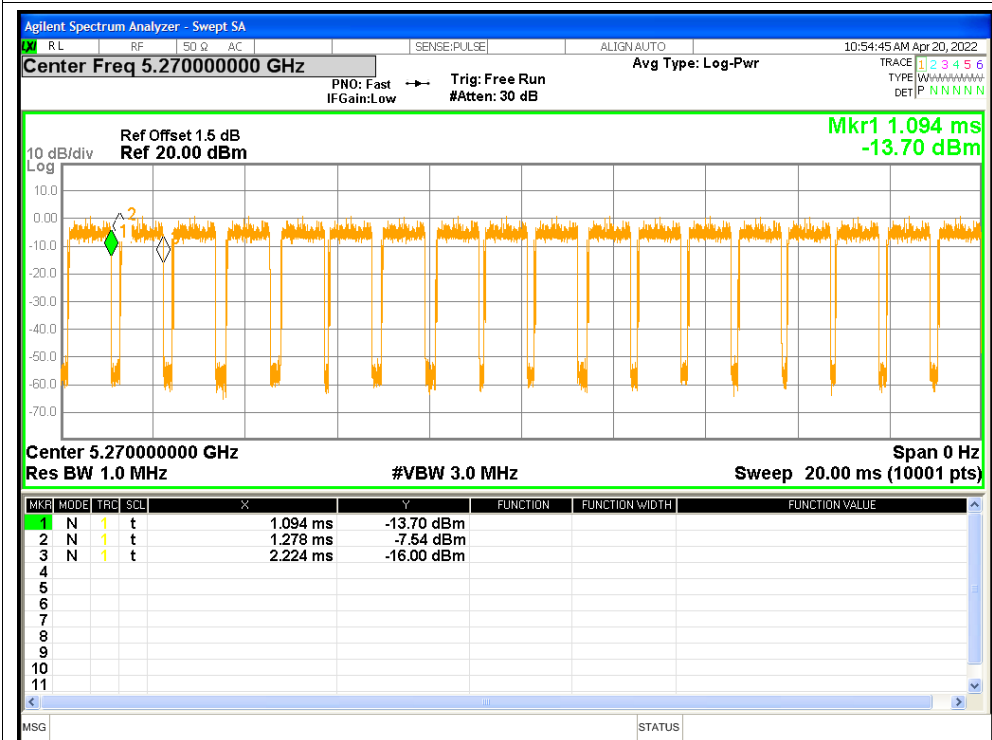


Duty Cycle NVNT n20 5260MHz

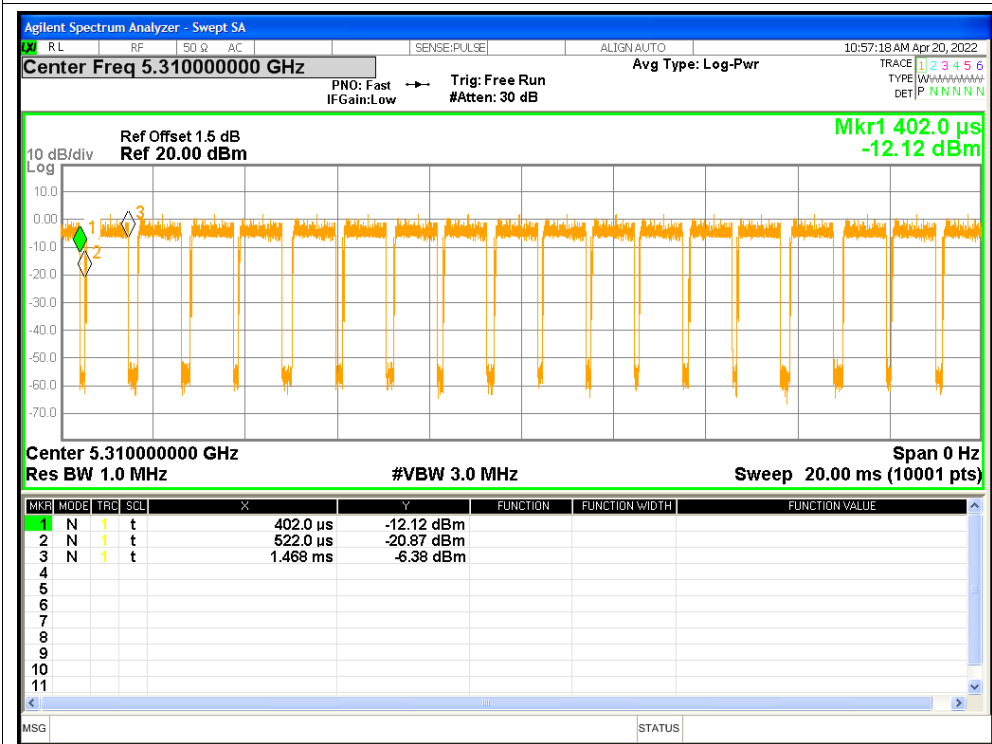




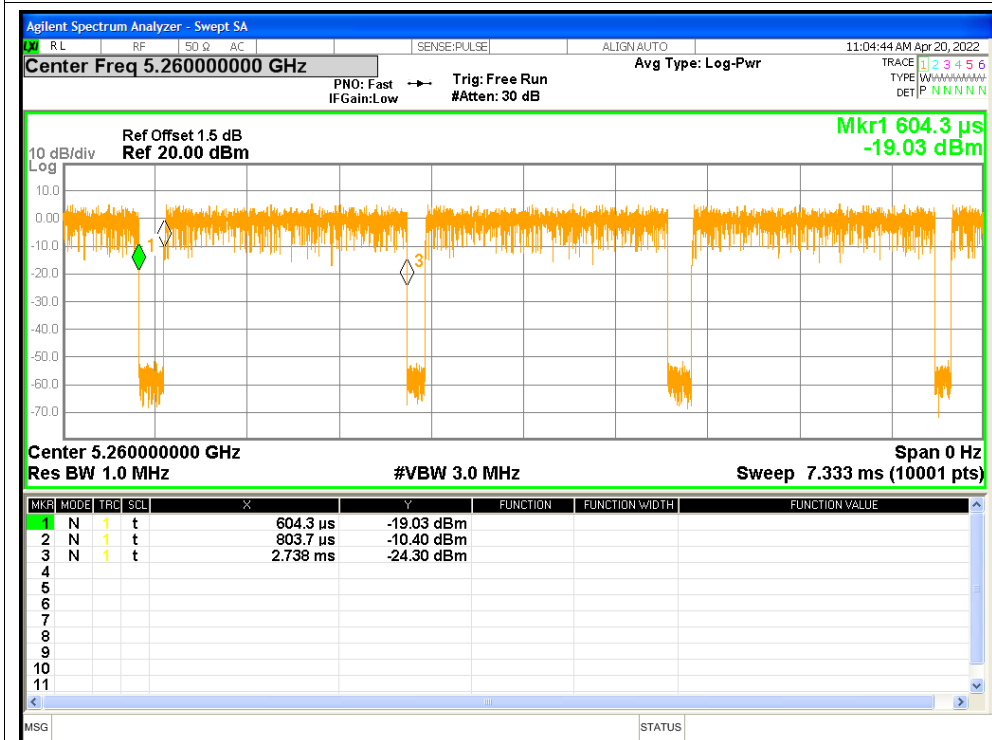
Duty Cycle NVNT n40 5270MHz



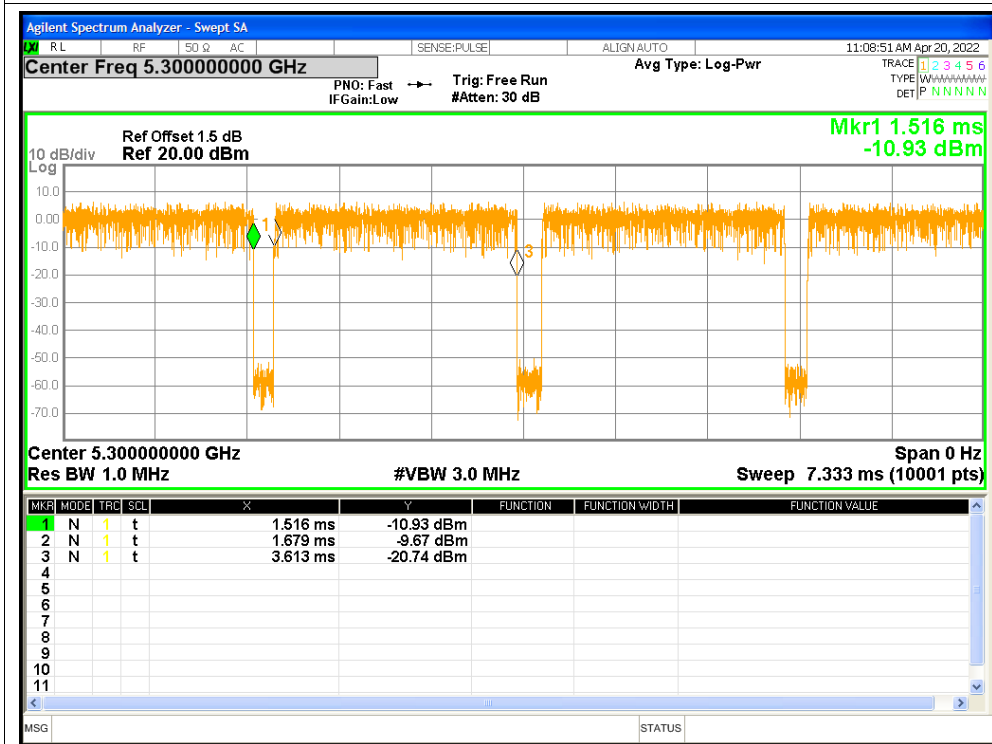
Duty Cycle NVNT n40 5310MHz



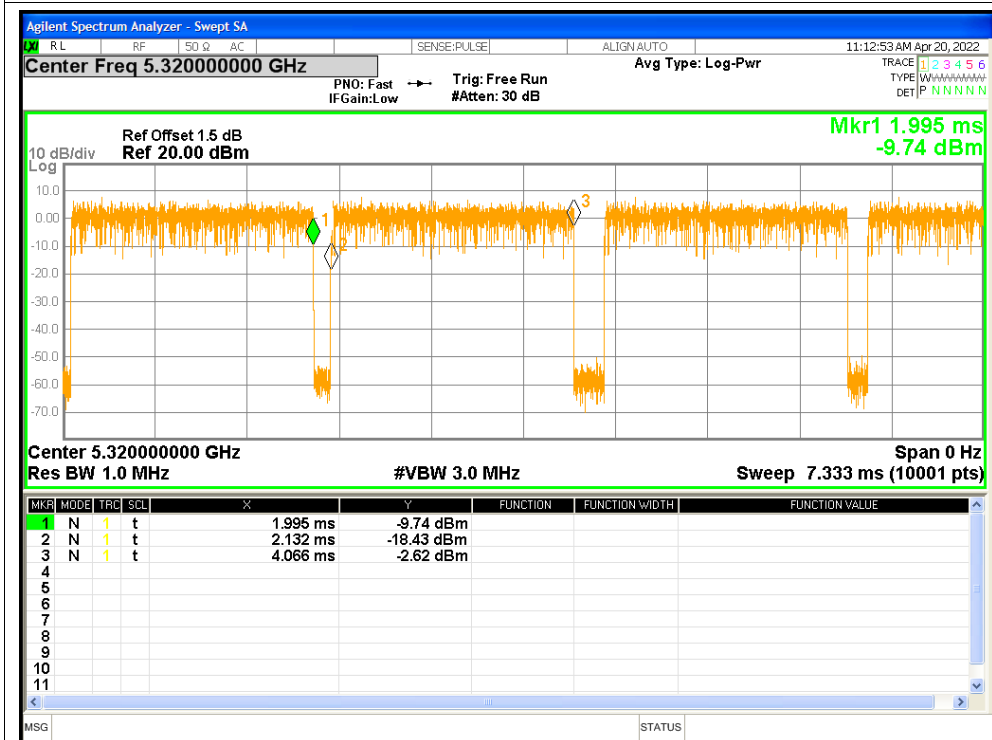
Duty Cycle NVNT ac20 5260MHz



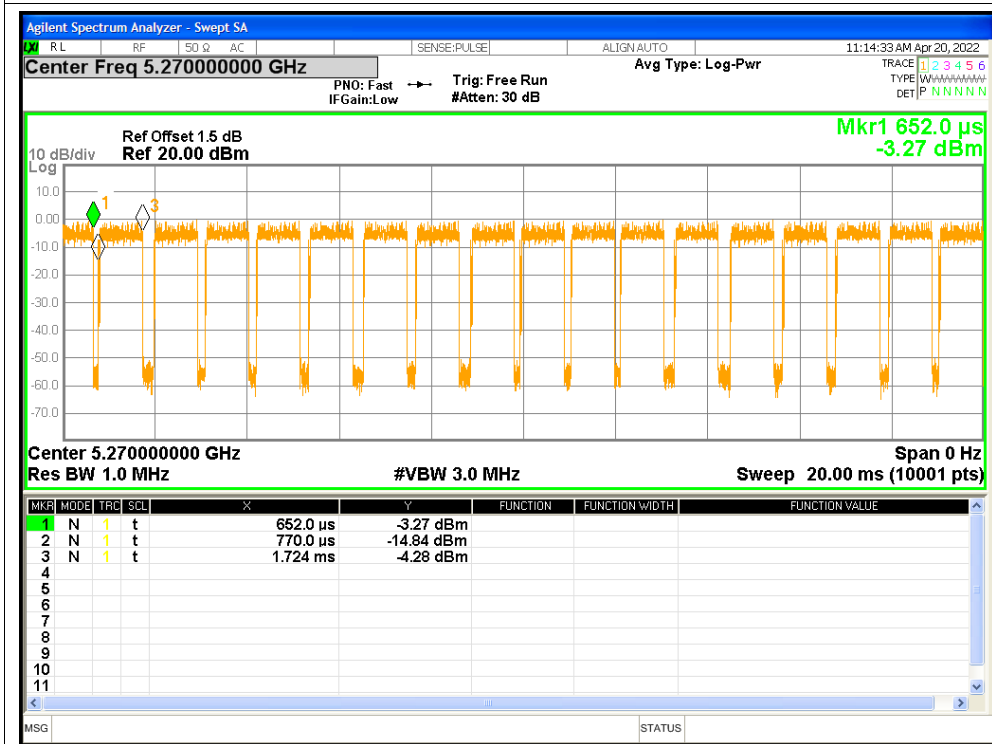
Duty Cycle NVNT ac20 5300MHz



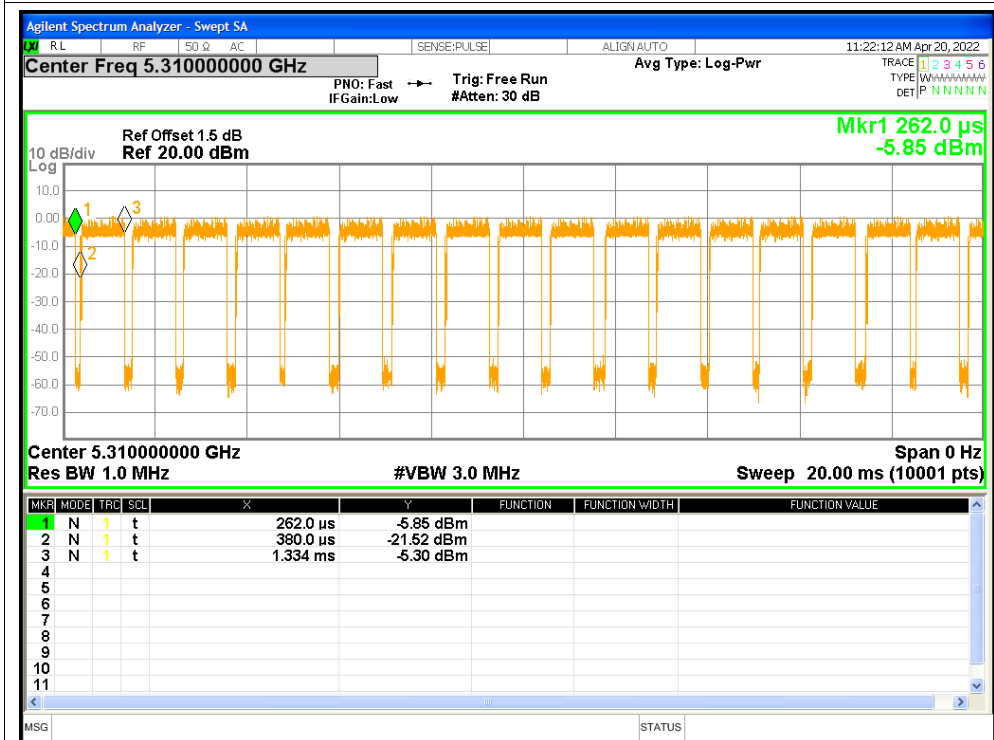
Duty Cycle NVNT ac20 5320MHz



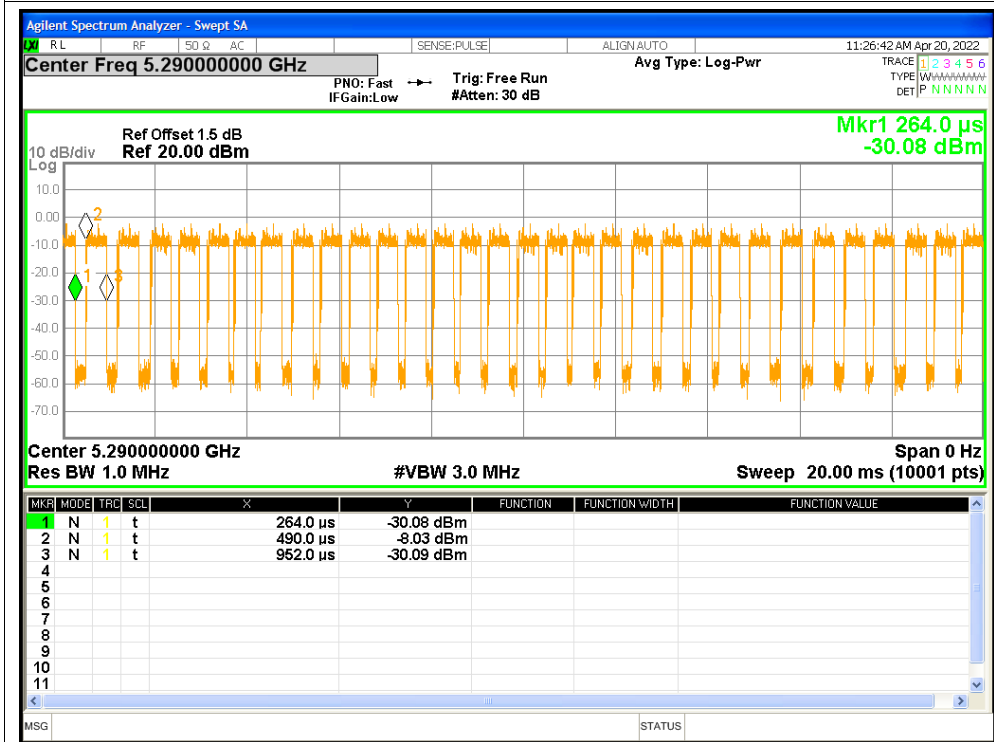
Duty Cycle NVNT ac40 5270MHz



Duty Cycle NVNT ac40 5310MHz



Duty Cycle NVNT ac80 5290MHz



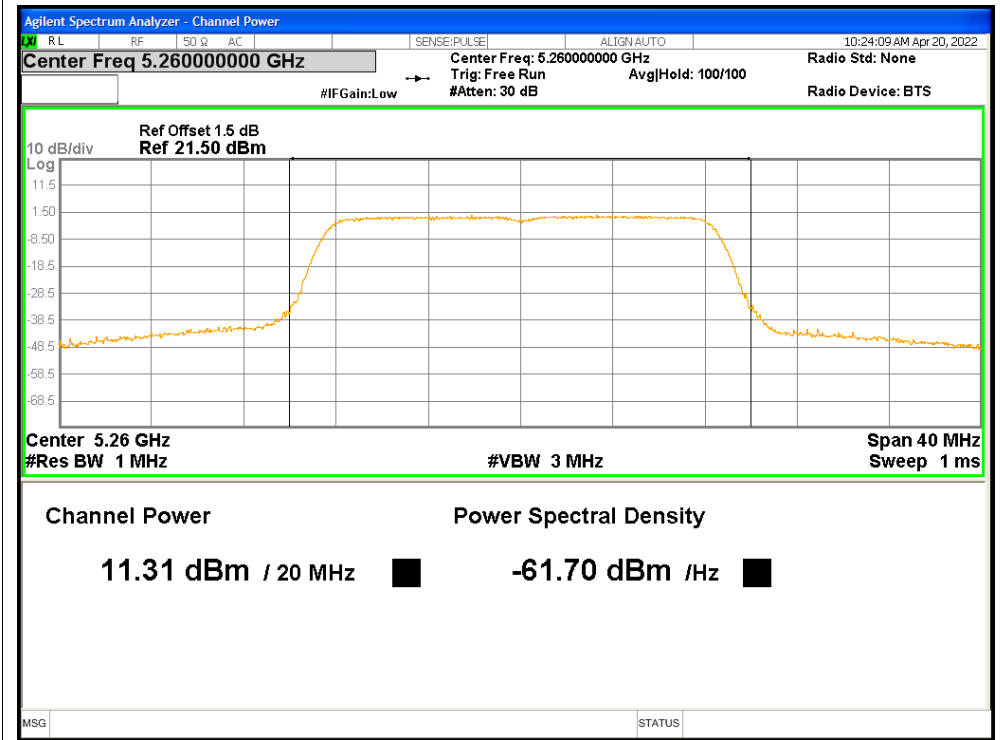
Maximum Average Conducted Output Power

Test Channel	Frequency (MHz)	Direct measurement Ant_A AV Power (dBm)	Direct measurement Ant B_AV Power (dBm)	Duty cycle factor (dB)	Final Ant_A AV Power (dBm)	Final Ant_B AV Power (dBm)	AV Power Total (dBm)	LIMIT (dBm)
802.11a								
52	5260	11.31	11.18	0.440	11.75	11.62	--	23.98
60	5300	12.27	12.05	0.280	12.55	12.33	--	23.98
64	5320	12.86	12.36	0.320	13.18	12.68	--	23.98
802.11n(HT20)								
52	5260	10.61	10.32	0.230	10.84	10.55	13.71	23.98
60	5300	11.48	11.21	0.430	11.91	11.64	14.79	23.98
64	5320	11.69	11.59	0.280	11.97	11.87	14.93	23.98
802.11n(HT40)								
54	5270	9.95	9.86	0.770	10.72	10.63	13.69	23.98
62	5310	10.94	10.64	0.520	11.46	11.16	14.32	23.98
802.11ac(VHT20)								
52	5260	10.43	10.11	0.430	10.86	10.54	13.71	23.98
60	5300	11.17	11.17	0.350	11.52	11.52	14.53	23.98
64	5320	11.90	11.50	0.300	12.20	11.80	15.01	23.98
802.11ac(VHT40)								
54	5270	10.06	9.77	0.510	10.57	10.28	13.44	23.98
62	5310	10.66	10.56	0.510	11.17	11.07	14.13	23.98
802.11ac(VHT80)								
58	5290	9.60	9.58	1.730	11.33	11.31	14.33	23.98

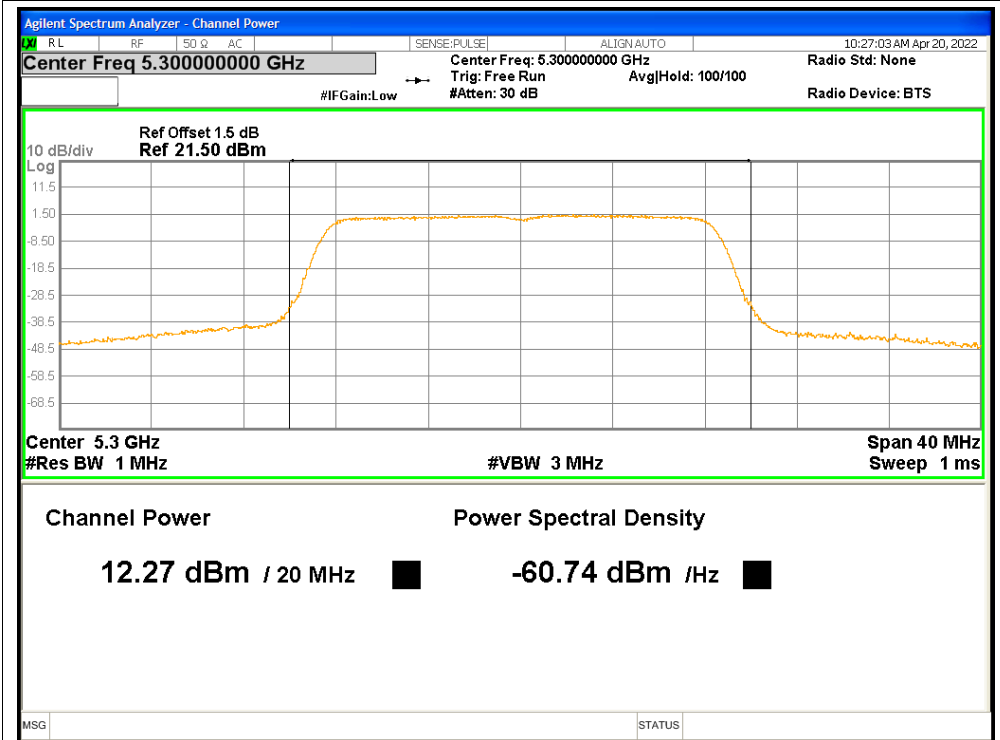
ANT A

Test Graphs

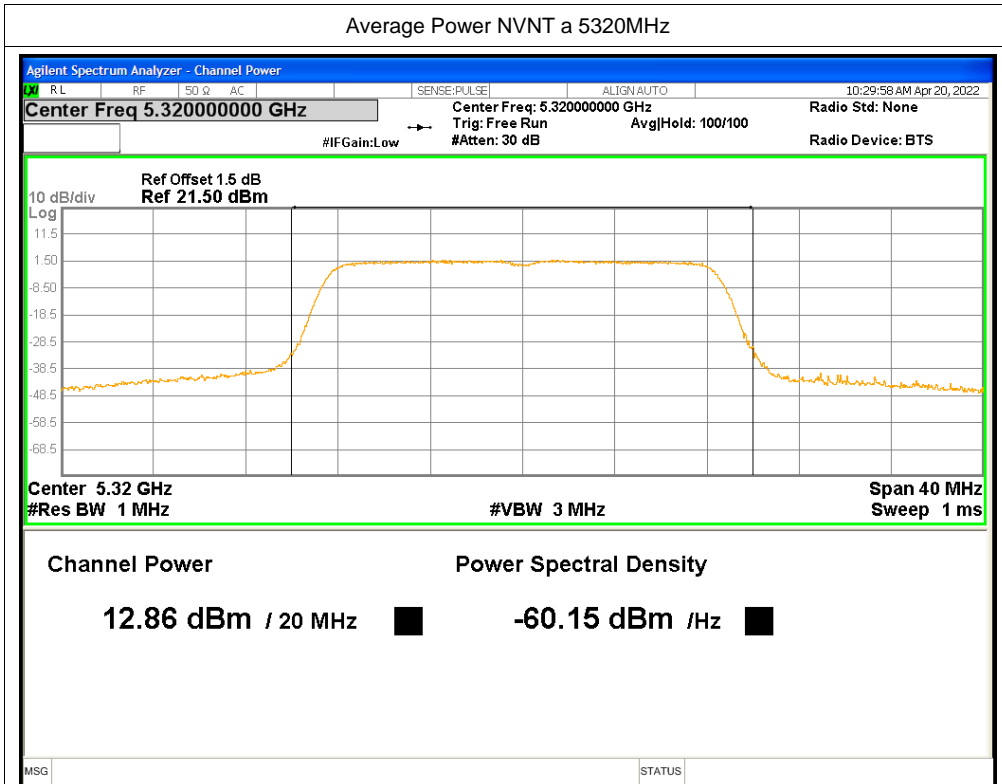
Average Power NVNT a 5260MHz



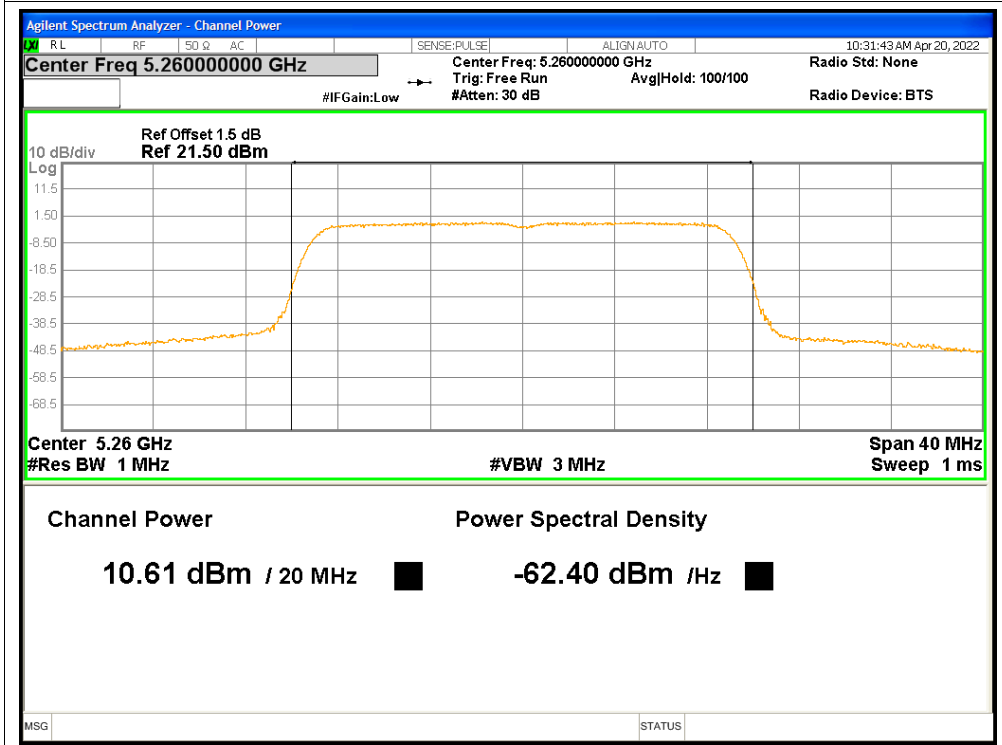
Average Power NVNT a 5300MHz



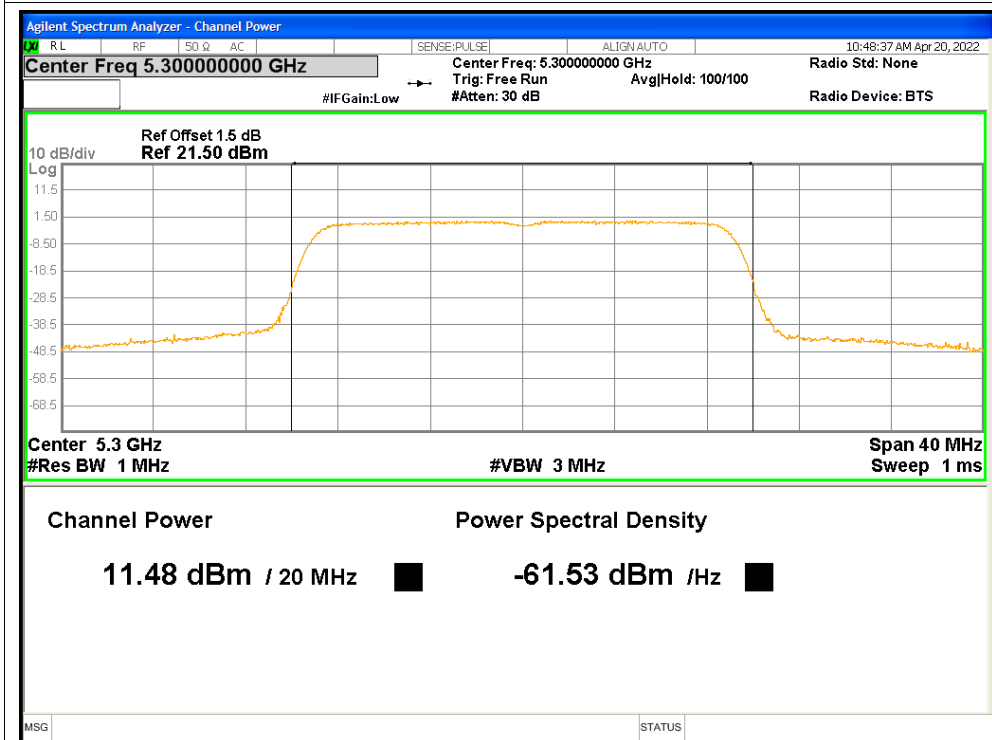
Average Power NVNT a 5320MHz



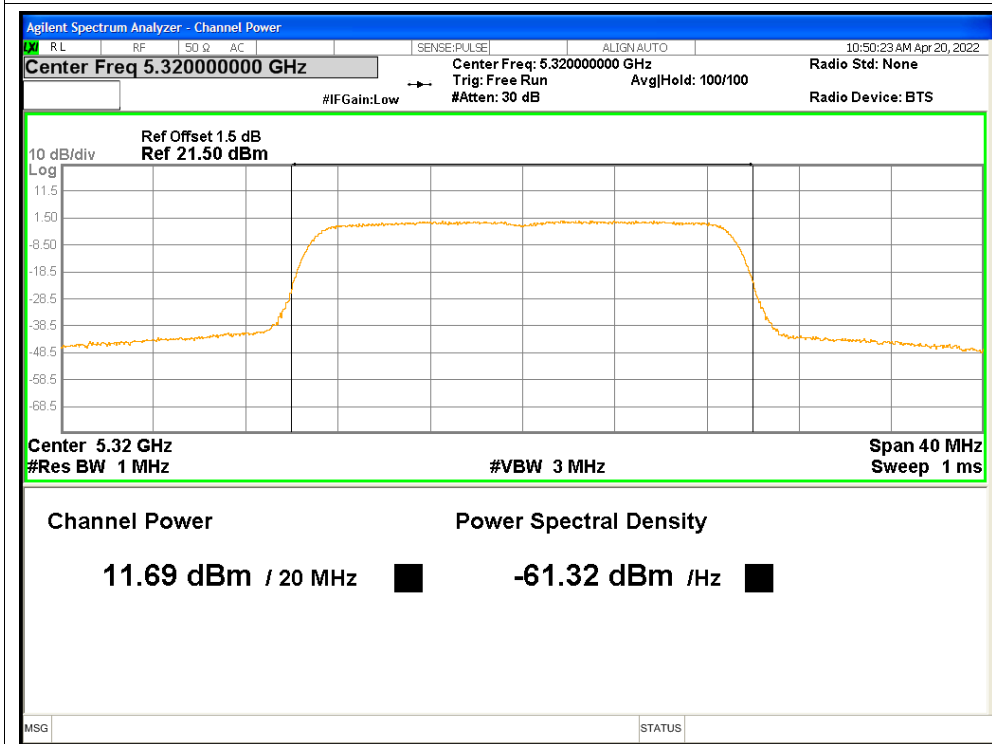
Average Power NVNT n20 5260MHz



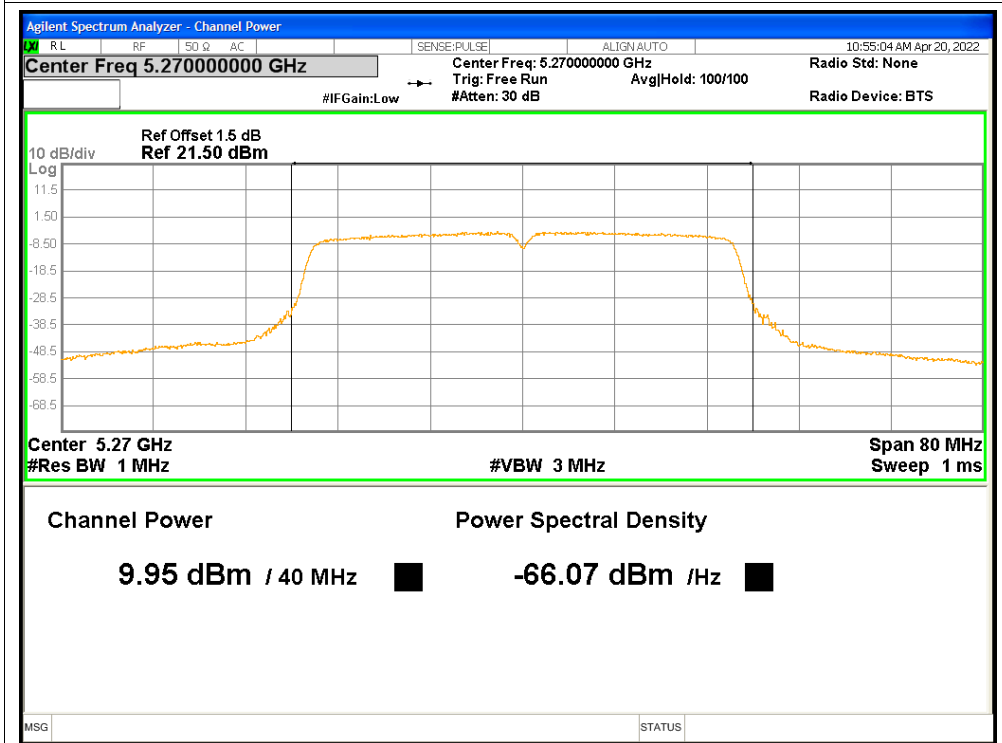
Average Power NVNT n20 5300MHz



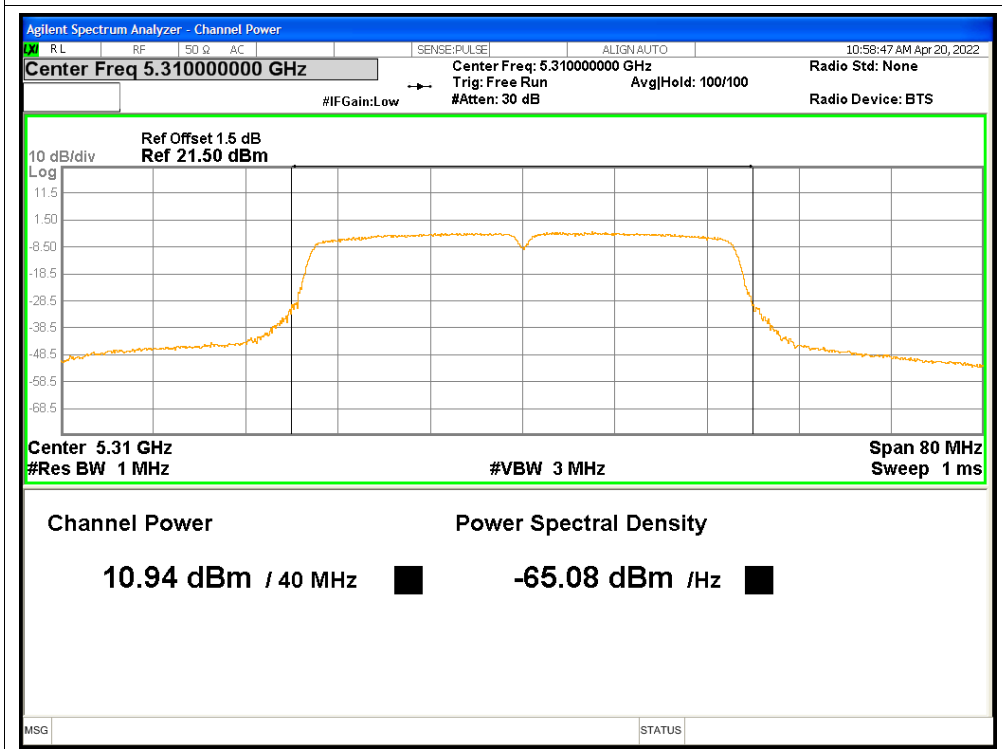
Average Power NVNT n20 5320MHz



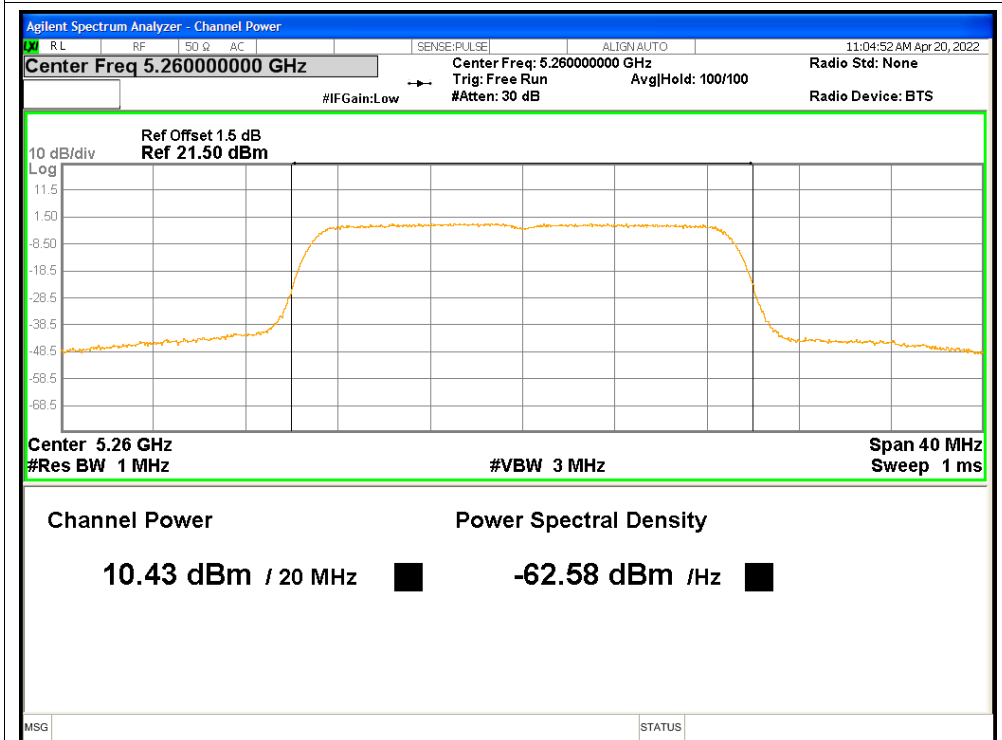
Average Power NVNT n40 5270MHz



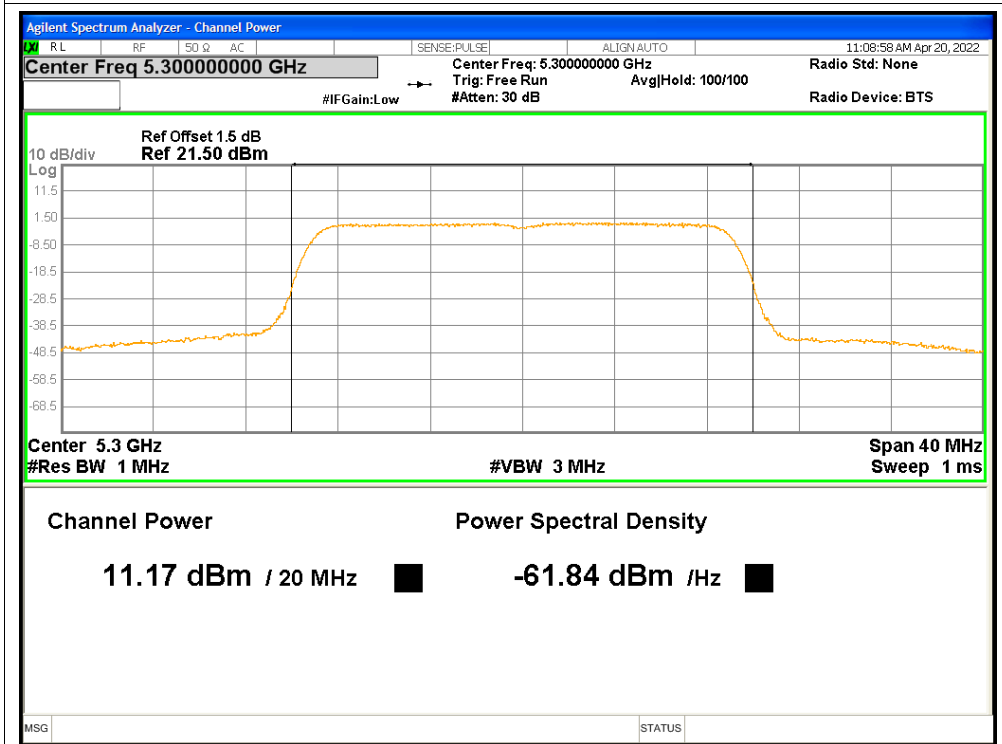
Average Power NVNT n40 5310MHz



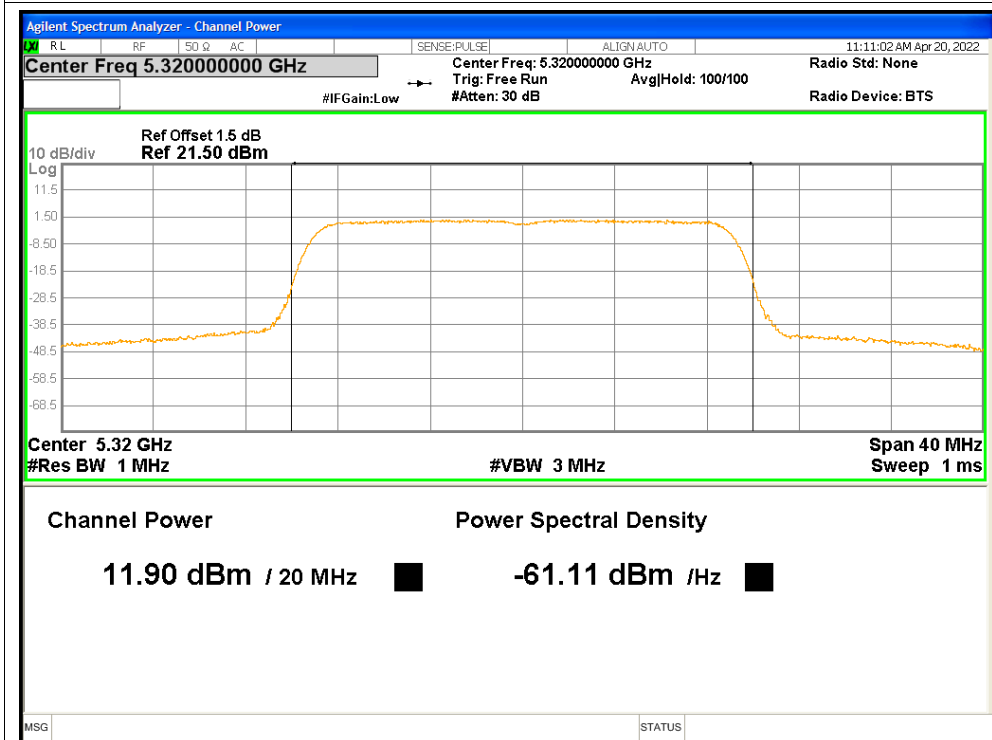
Average Power NVNT ac20 5260MHz



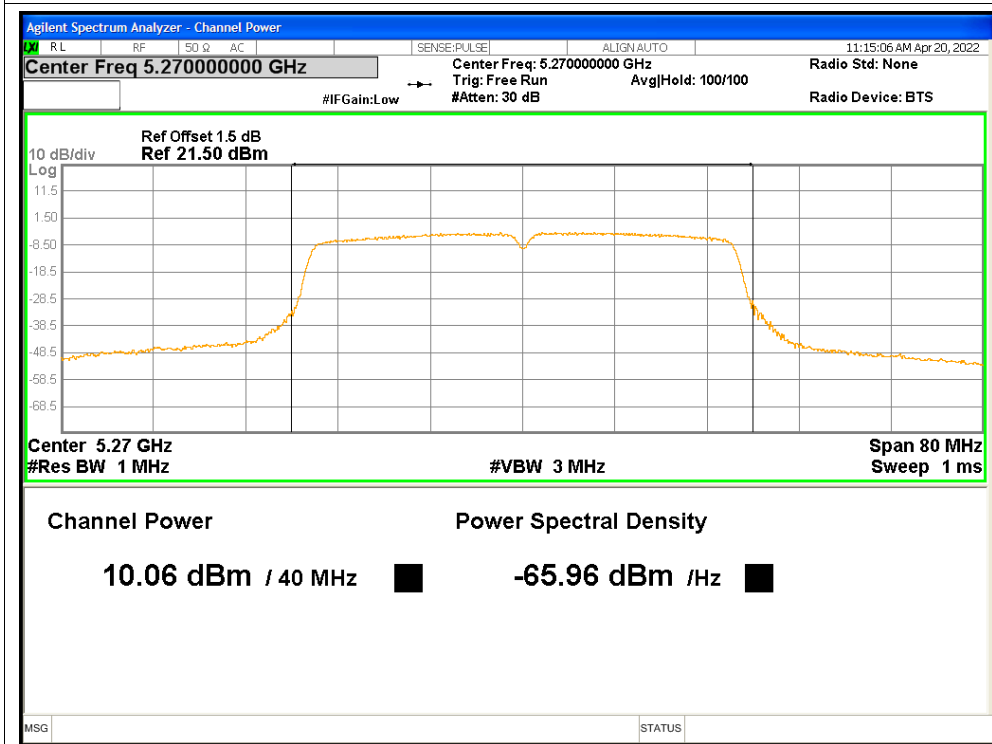
Average Power NVNT ac20 5300MHz



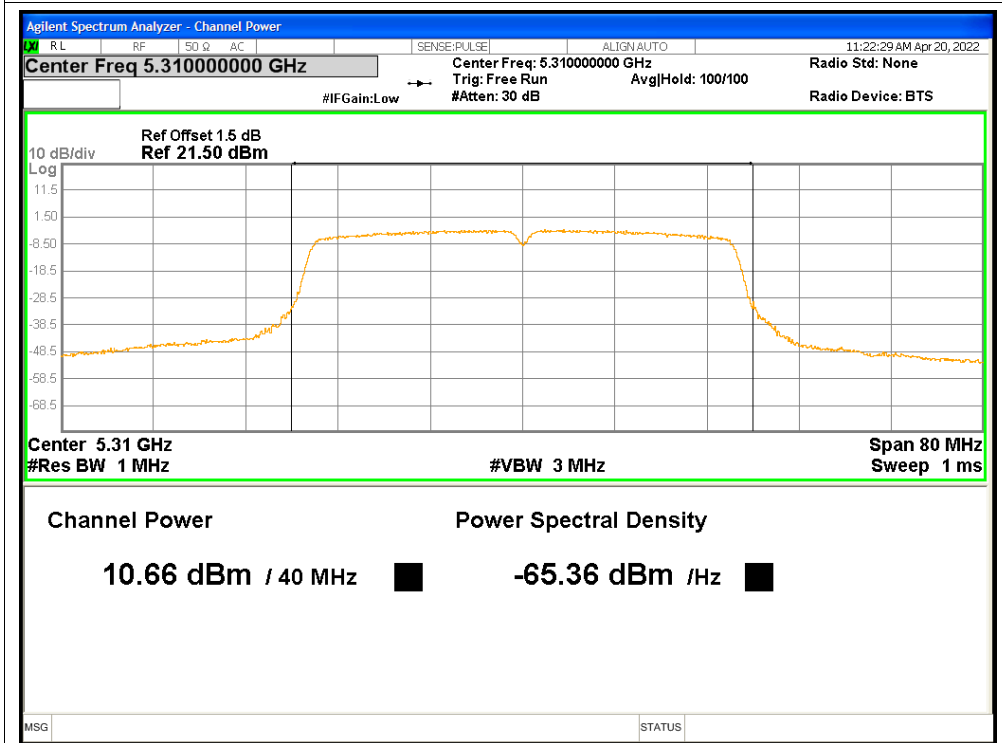
Average Power NVNT ac20 5320MHz



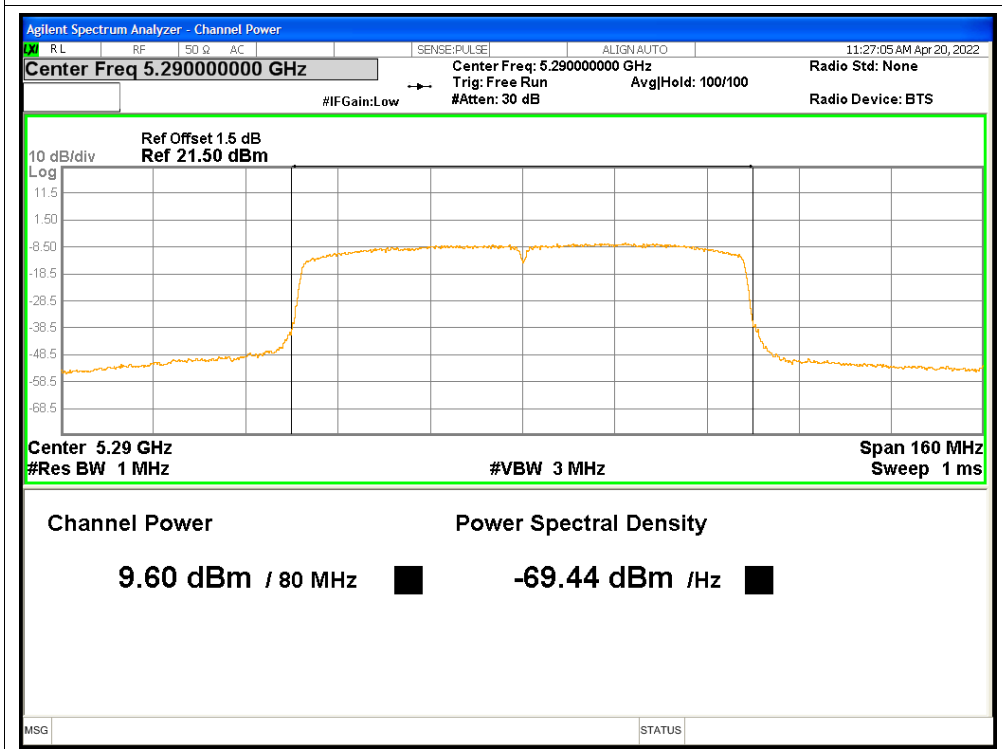
Average Power NVNT ac40 5270MHz



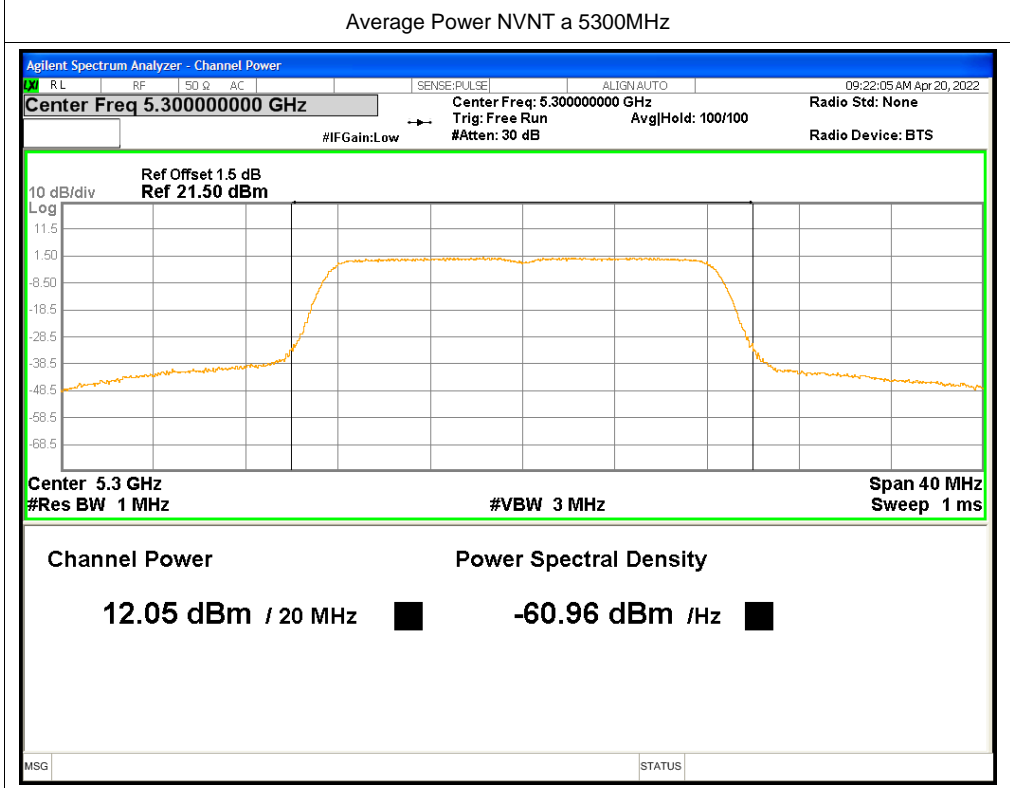
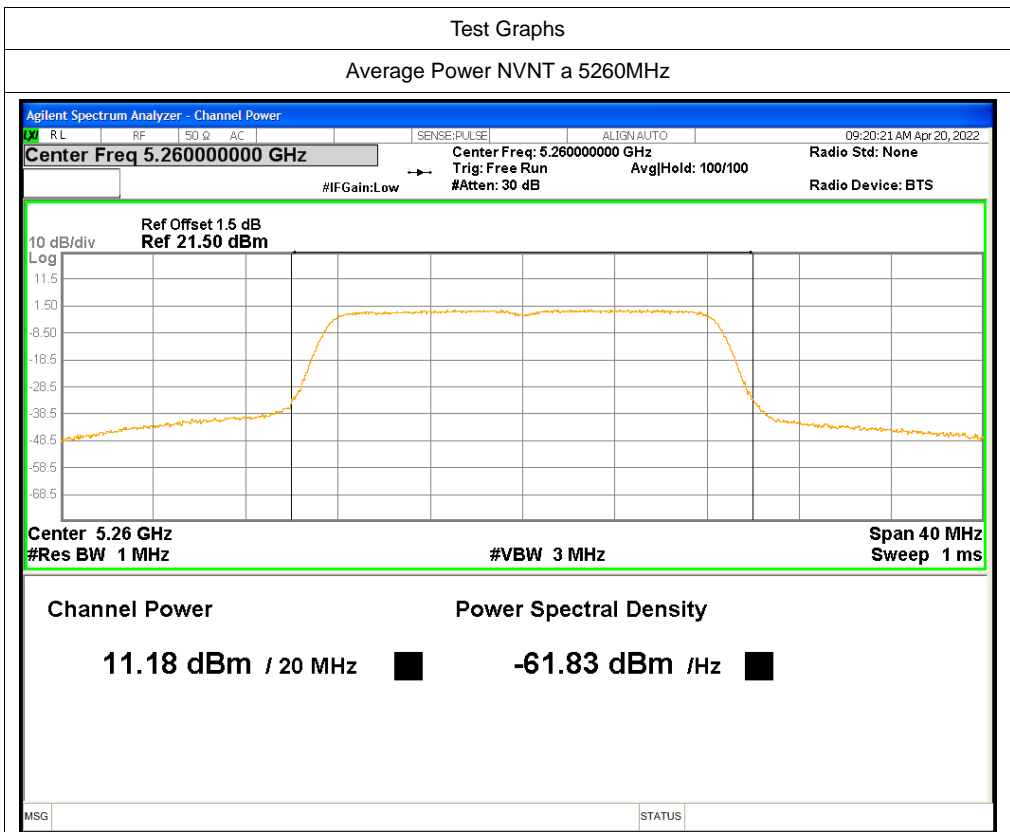
Average Power NVNT ac40 5310MHz



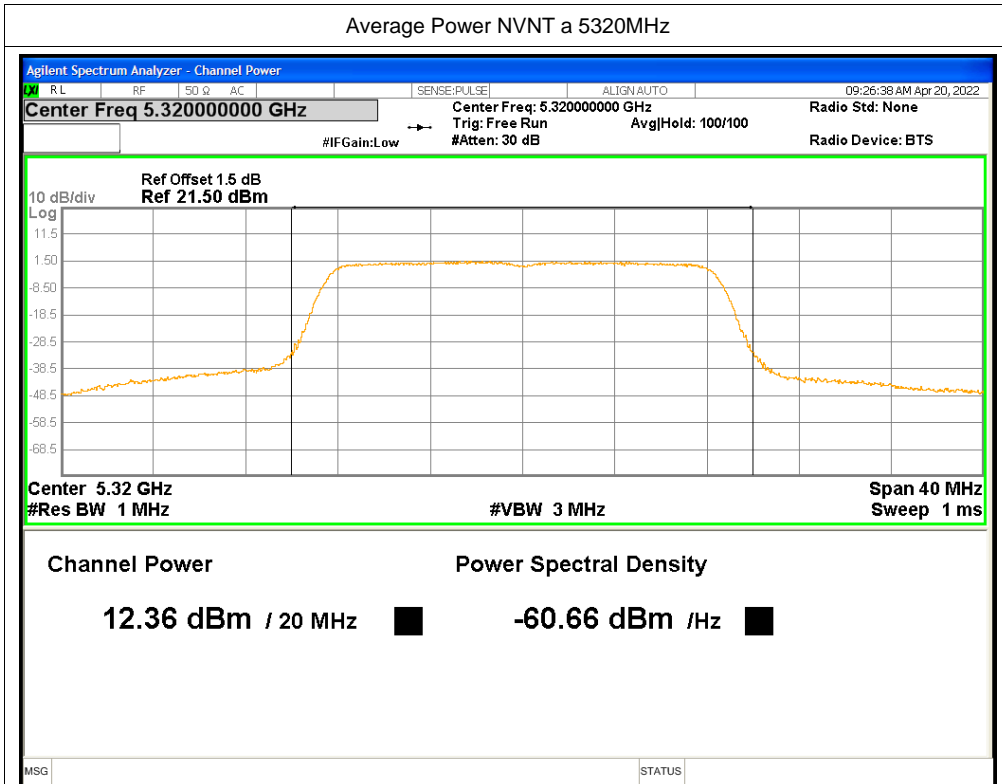
Average Power NVNT ac80 5290MHz



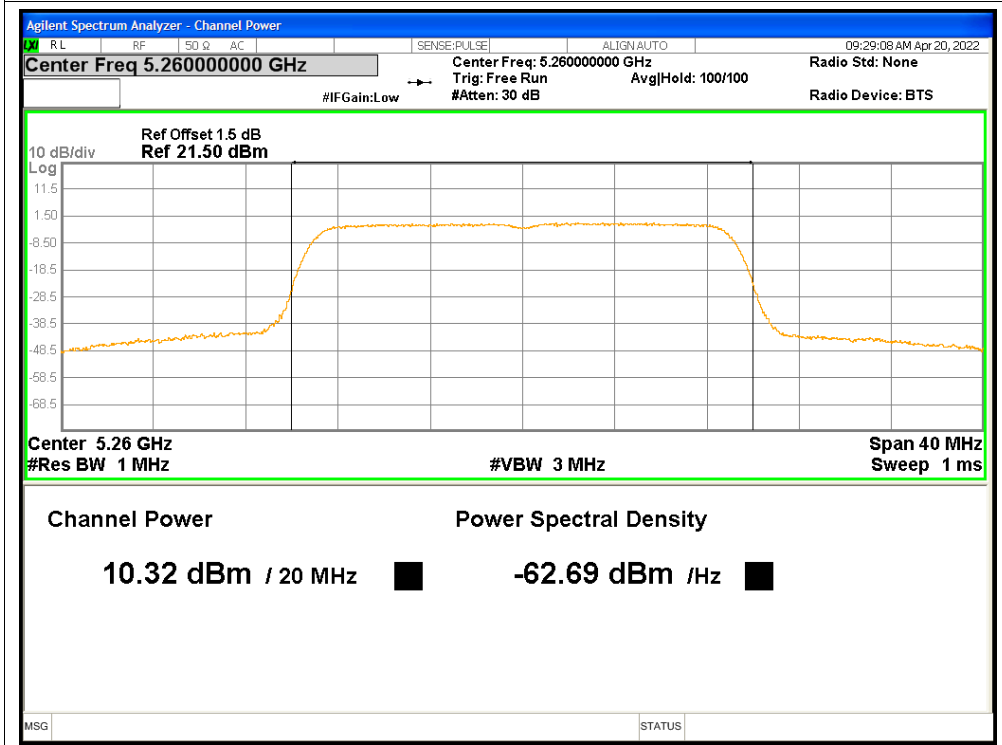
ANT B



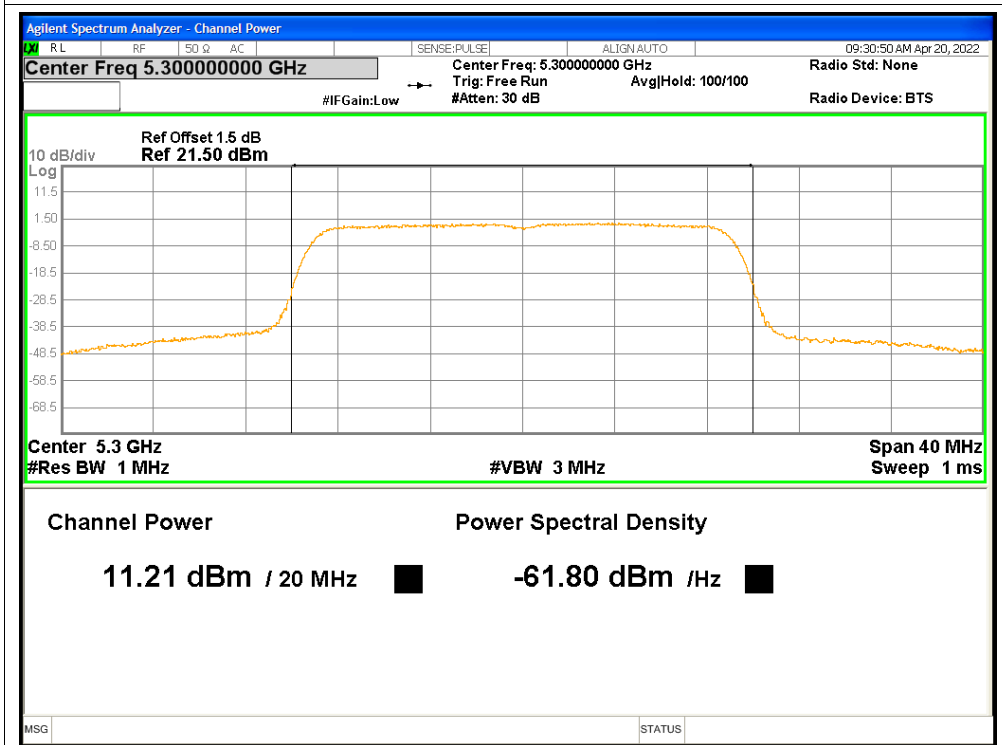
Average Power NVNT a 5320MHz



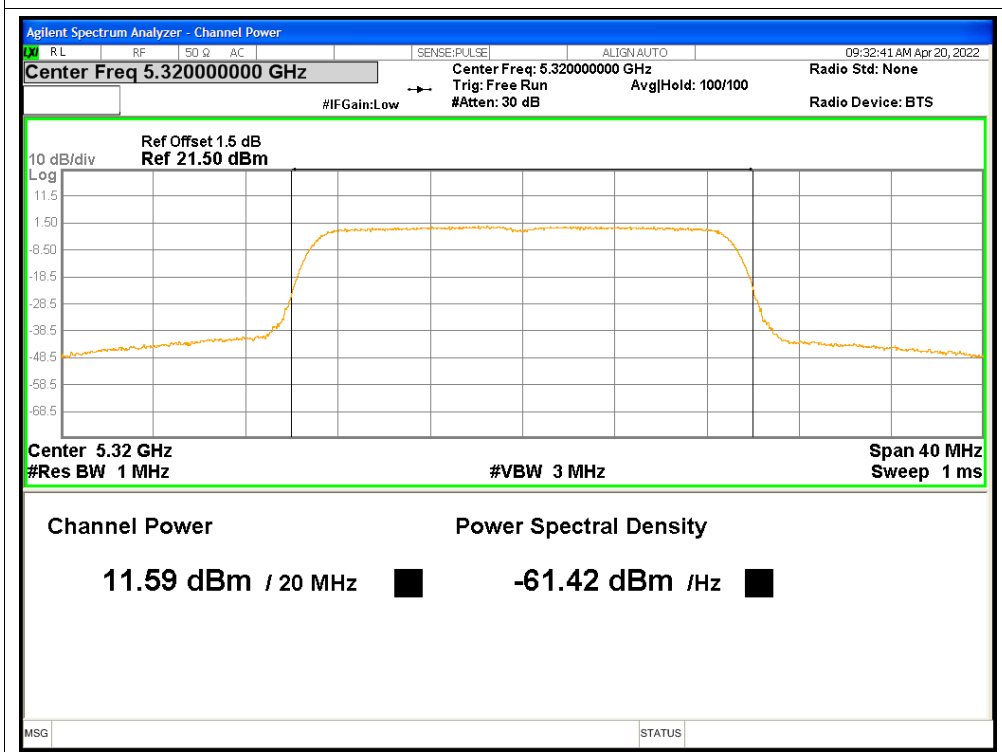
Average Power NVNT n20 5260MHz



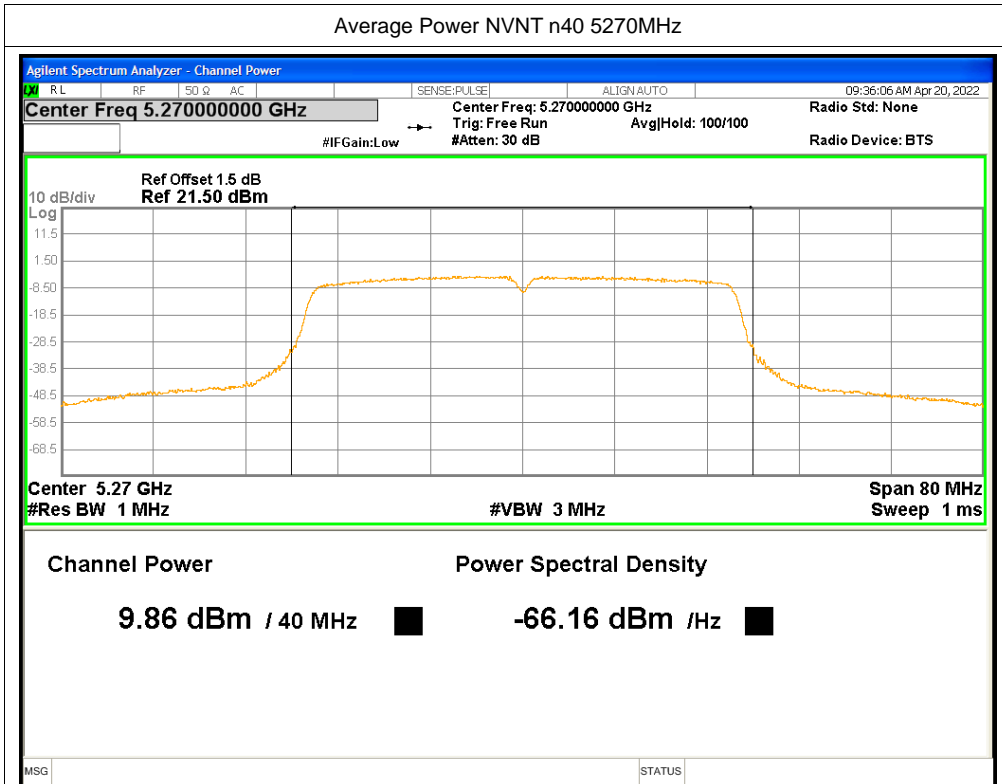
Average Power NVNT n20 5300MHz



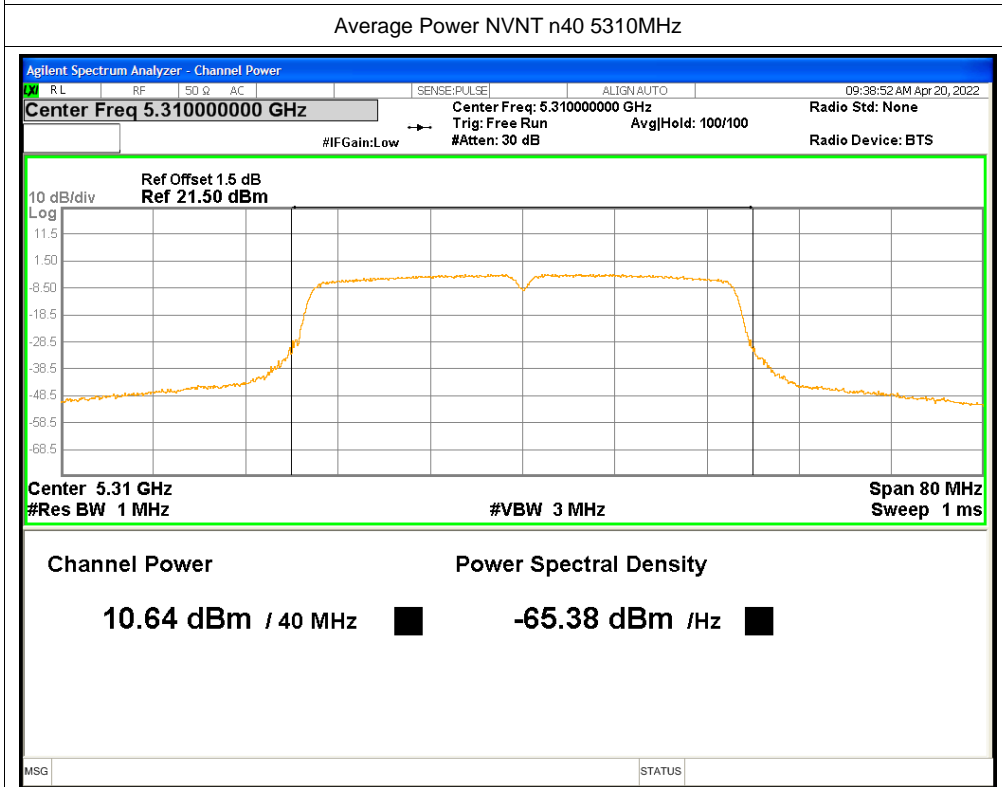
Average Power NVNT n20 5320MHz



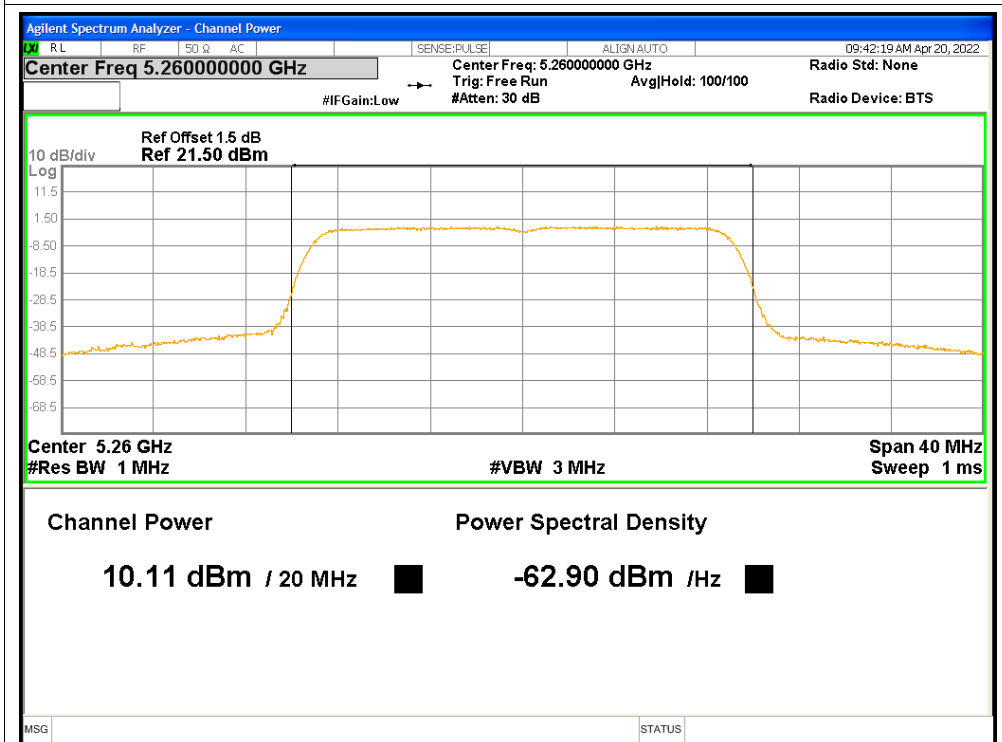
Average Power NVNT n40 5270MHz



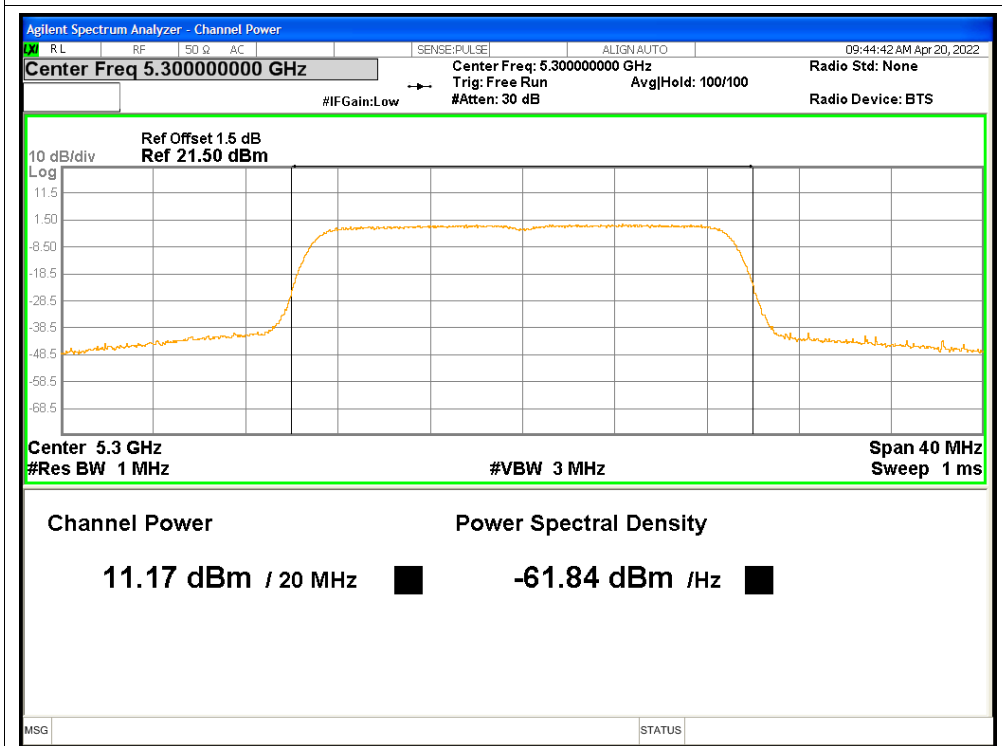
Average Power NVNT n40 5310MHz



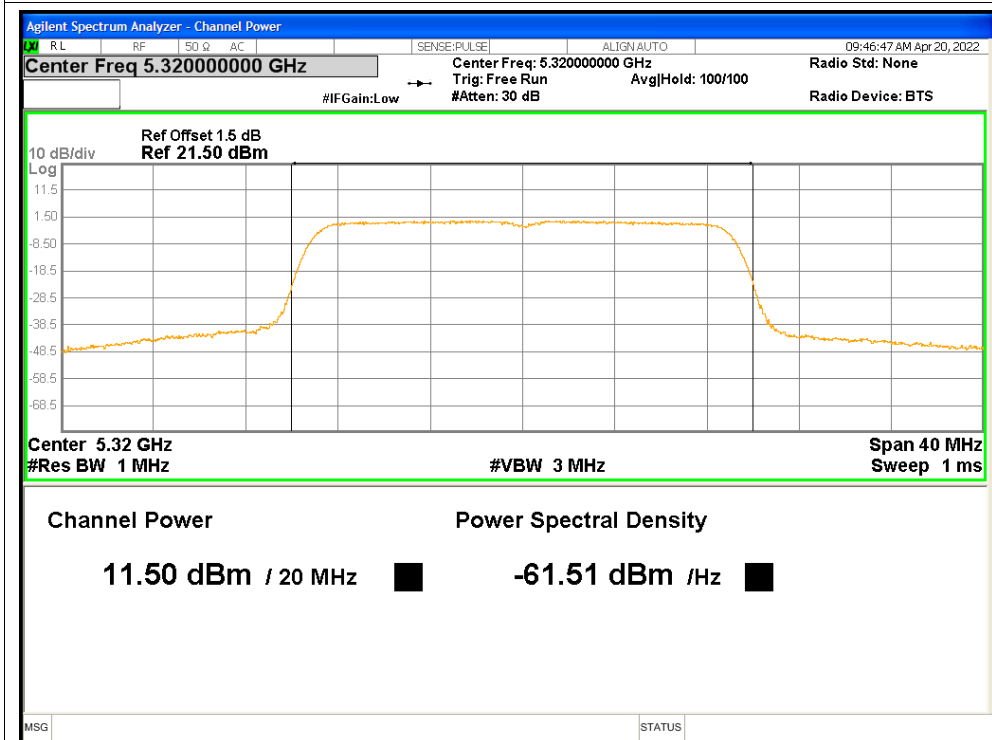
Average Power NVNT ac20 5260MHz



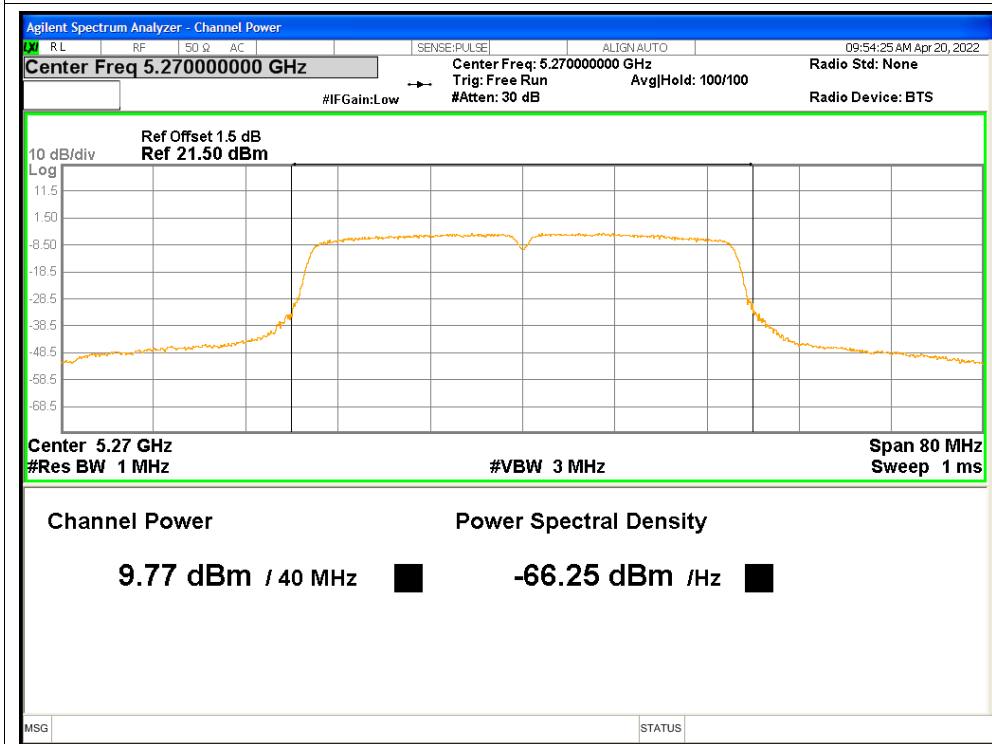
Average Power NVNT ac20 5300MHz



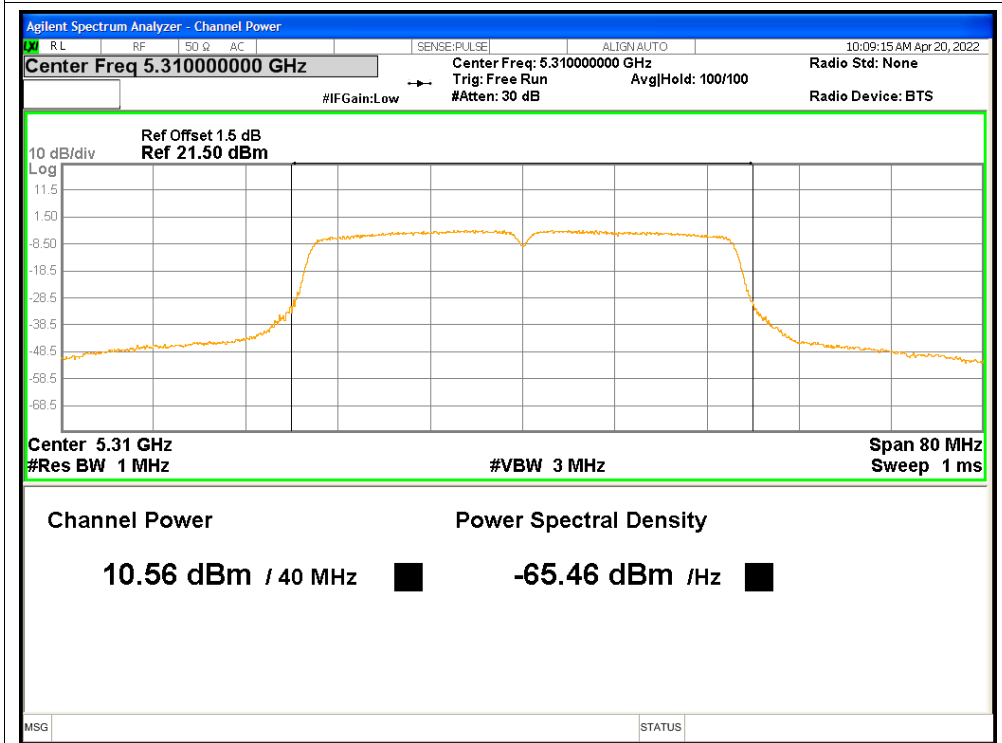
Average Power NVNT ac20 5320MHz



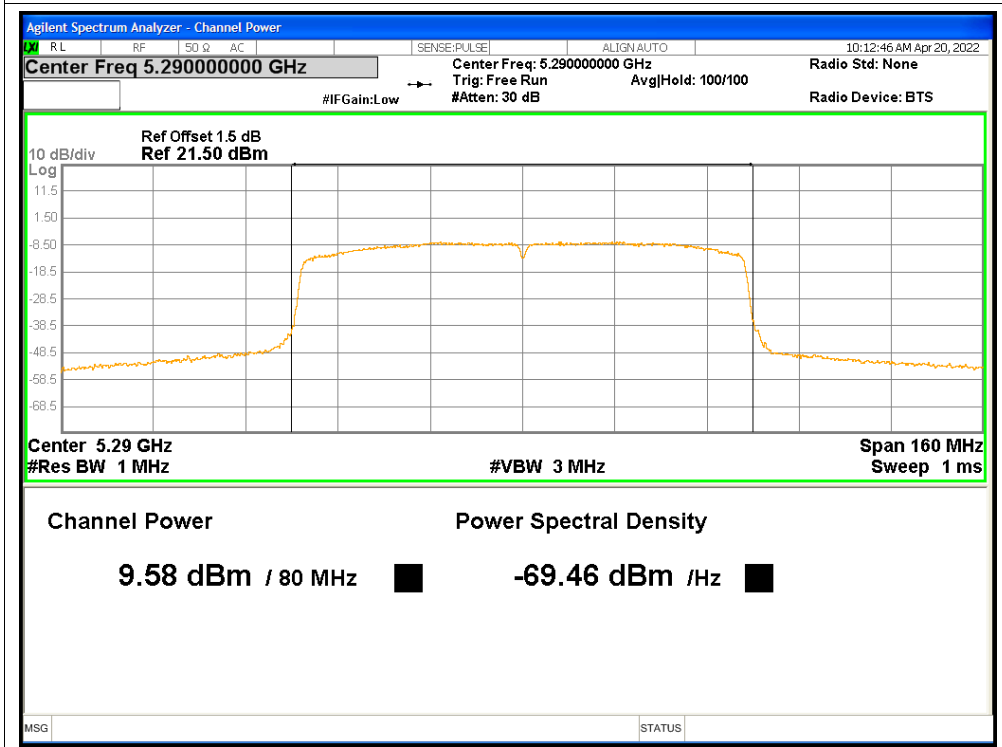
Average Power NVNT ac40 5270MHz



Average Power NVNT ac40 5310MHz



Average Power NVNT ac80 5290MHz

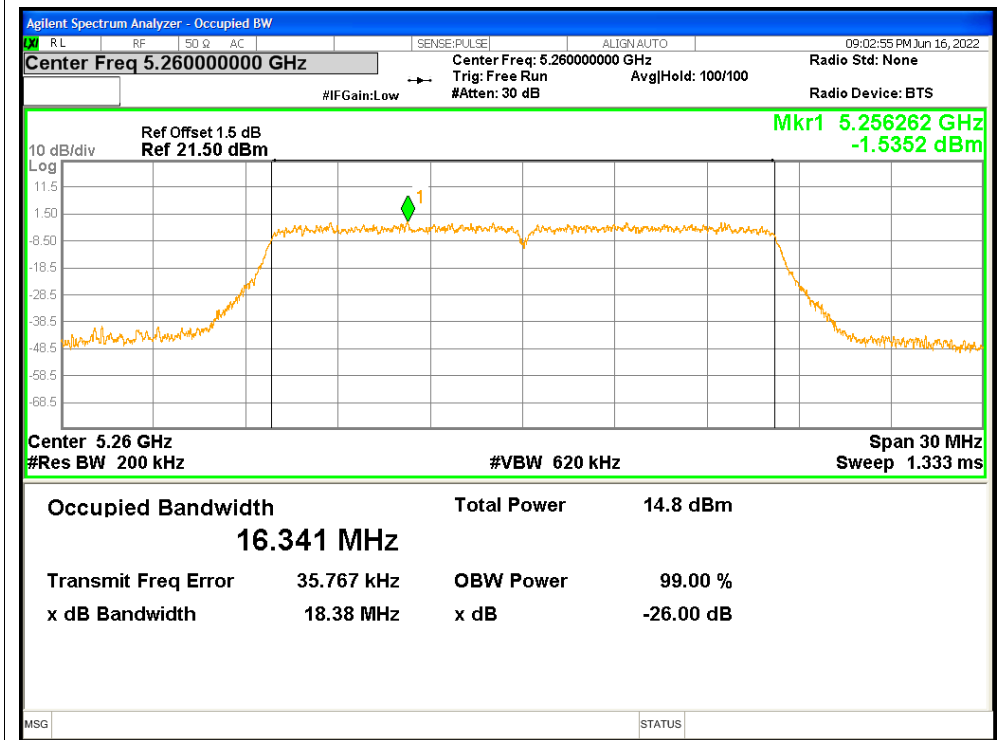


1. Occupied Channel Bandwidth

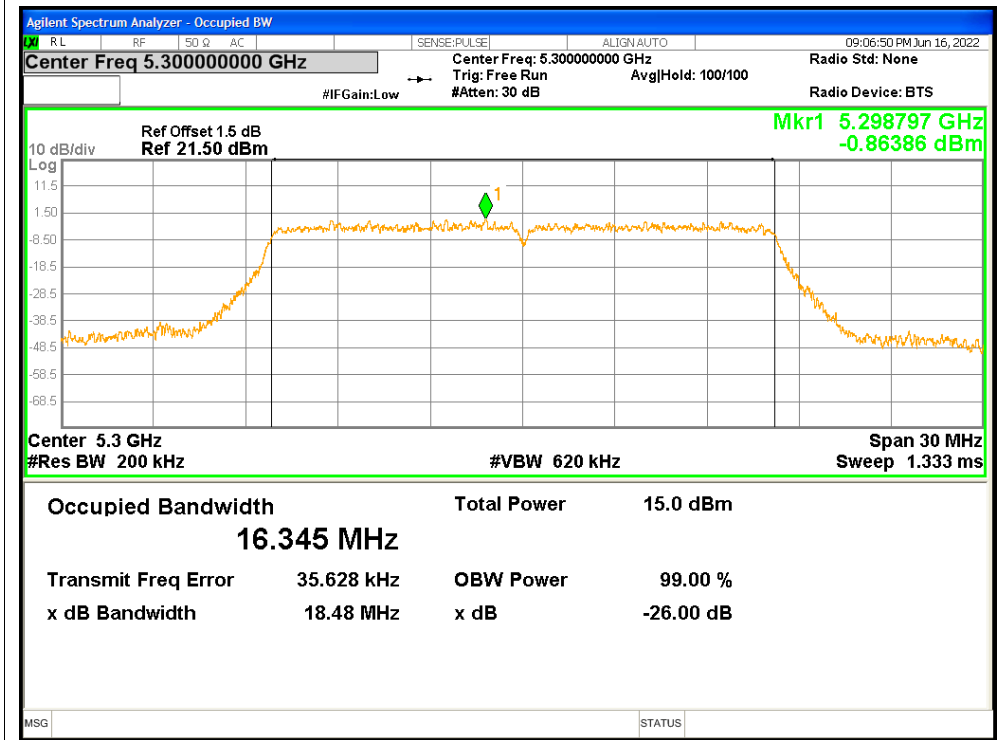
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5260	16.341
NVNT	a	5300	16.345
NVNT	a	5320	16.344
NVNT	n20	5260	17.531
NVNT	n20	5300	17.523
NVNT	n20	5320	17.532
NVNT	n40	5270	36.055
NVNT	n40	5310	36.042
NVNT	ac20	5260	17.535
NVNT	ac20	5300	17.538
NVNT	ac20	5320	17.532
NVNT	ac40	5270	36.024
NVNT	ac40	5310	35.992
NVNT	ac80	5290	74.661

Test Graphs

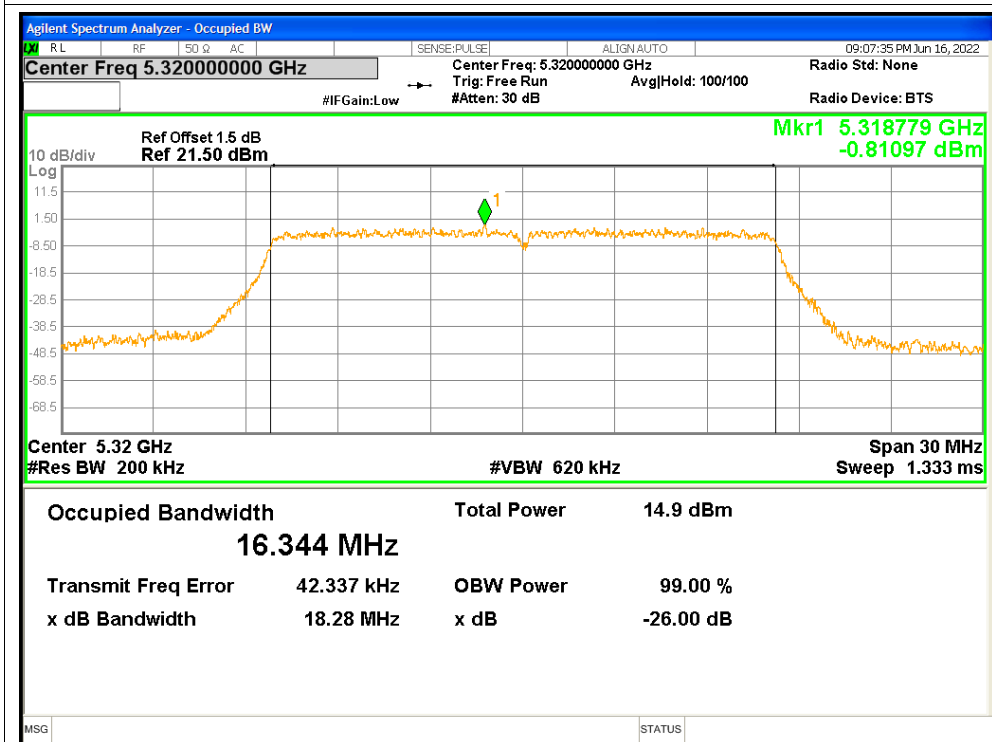
OBW NVNT a 5260MHz



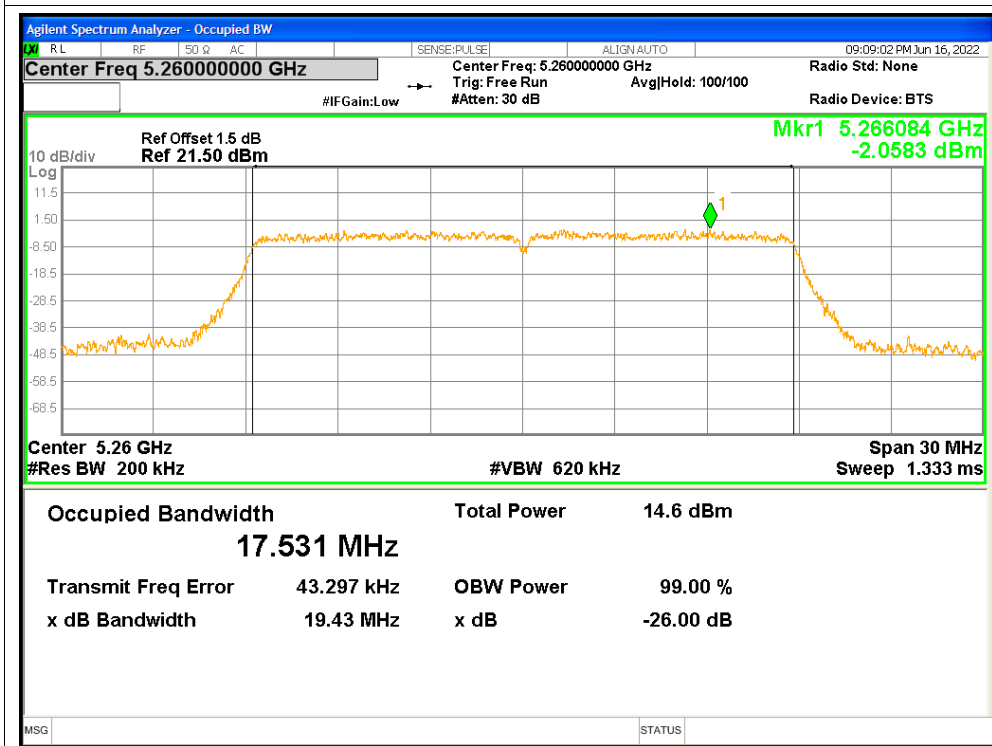
OBW NVNT a 5300MHz



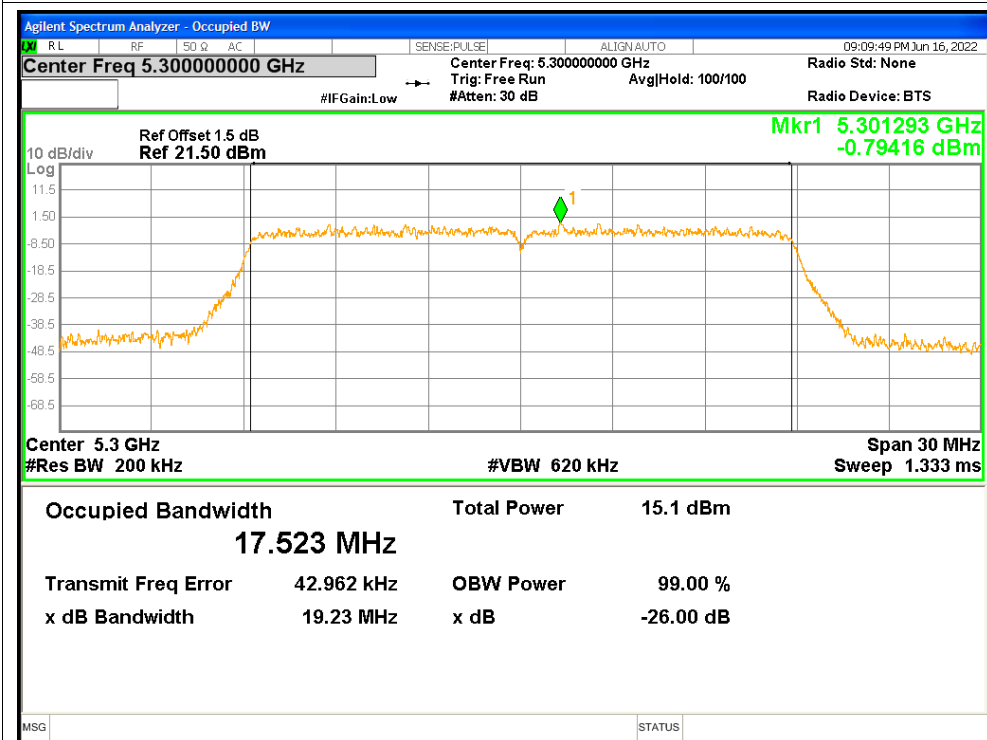
OBW NVNT a 5320MHz



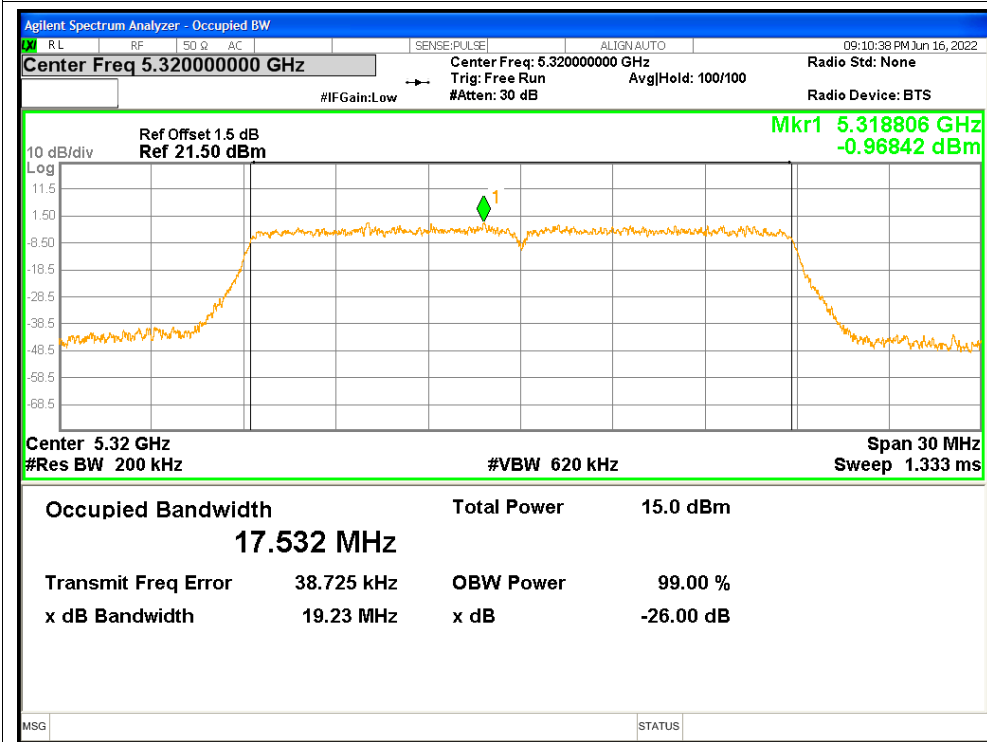
OBW NVNT n20 5260MHz



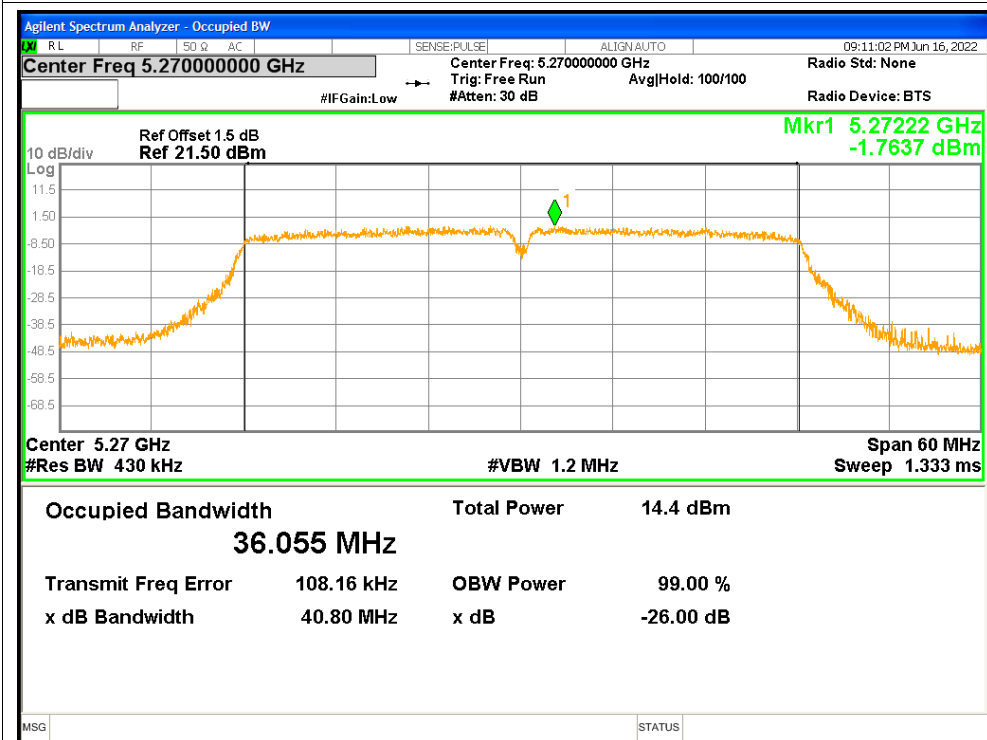
OBW NVNT n20 5300MHz



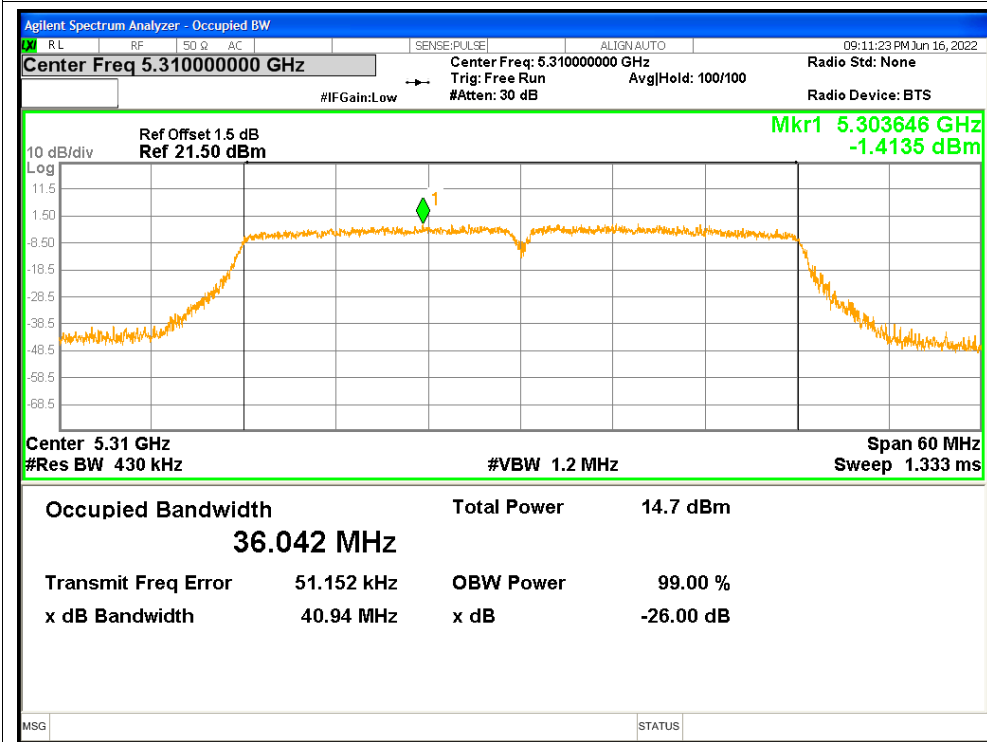
OBW NVNT n20 5320MHz



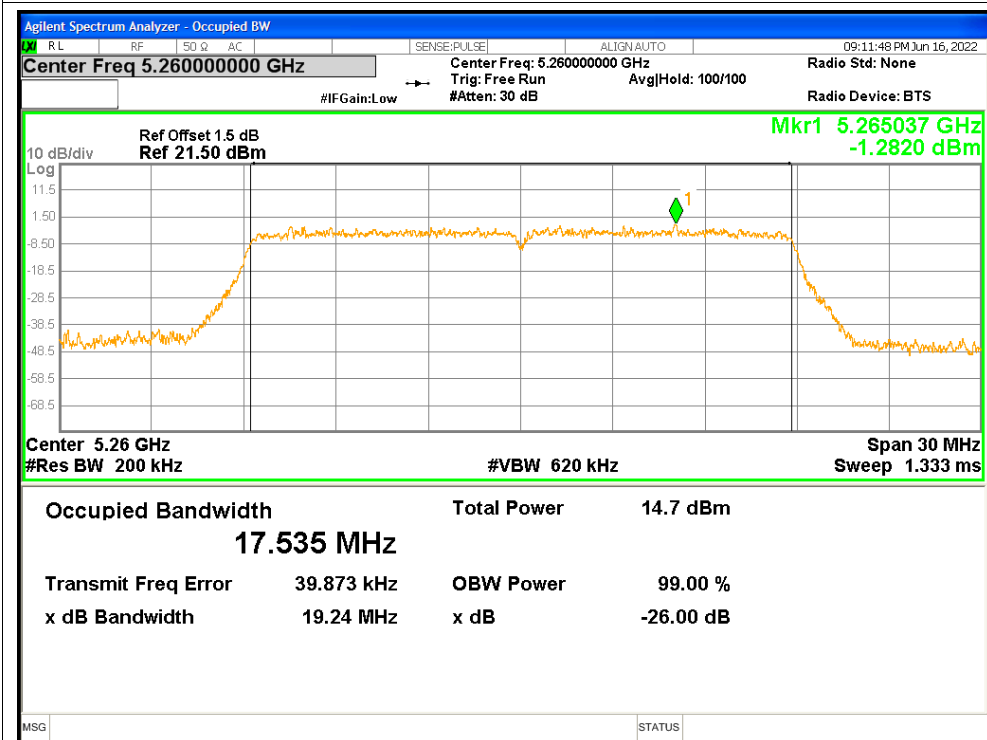
OBW NVNT n40 5270MHz



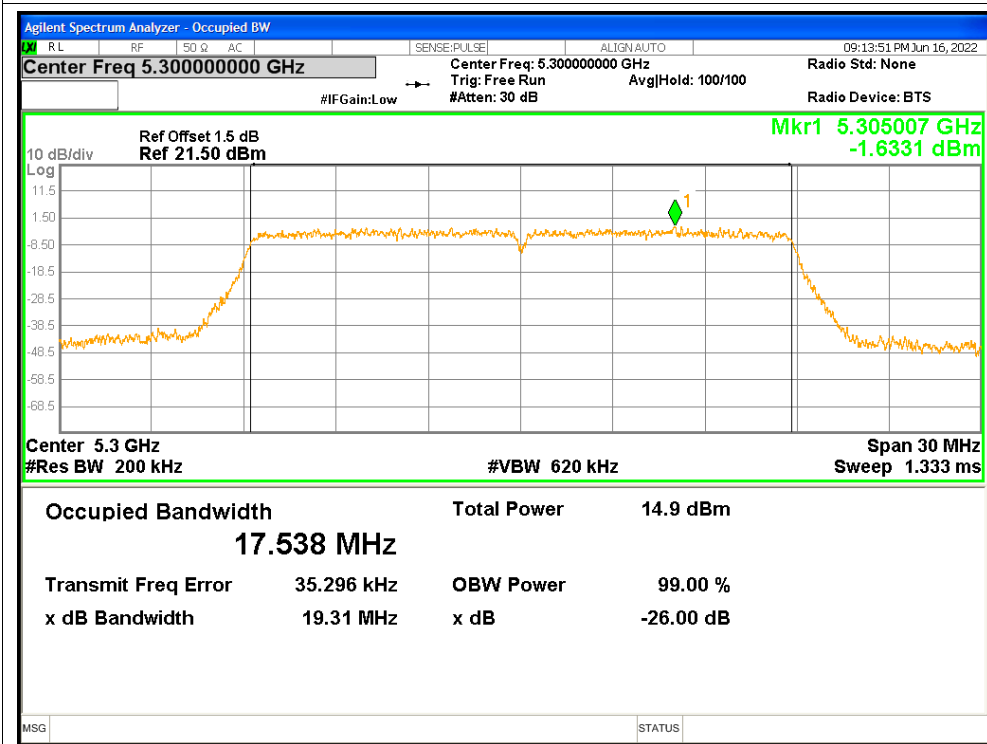
OBW NVNT n40 5310MHz



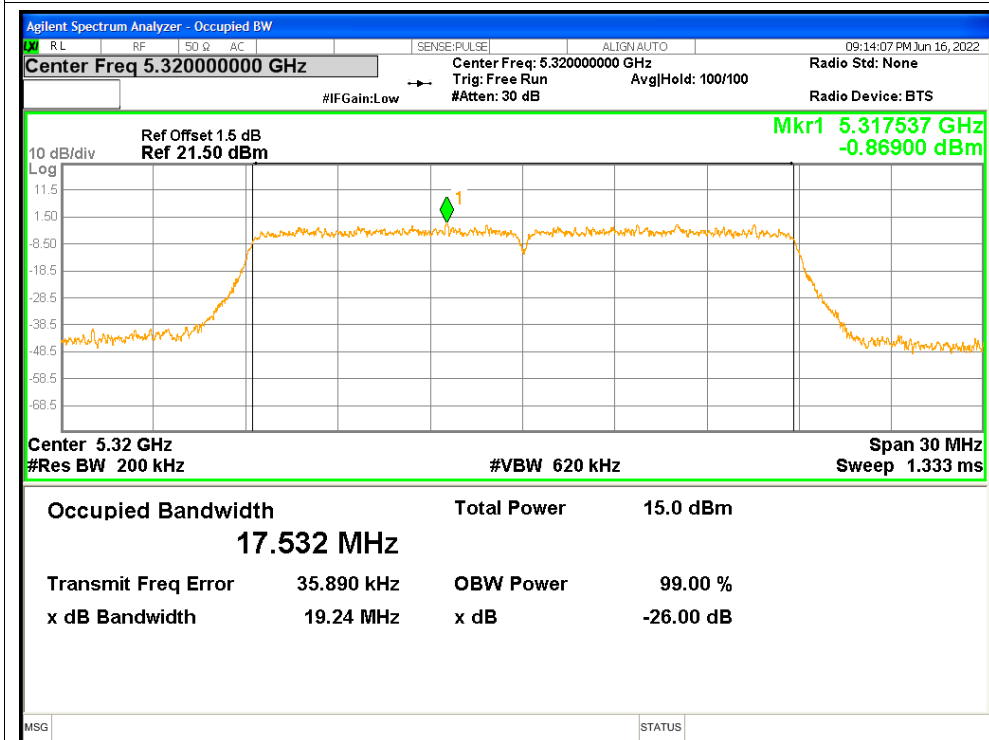
OBW NVNT ac20 5260MHz



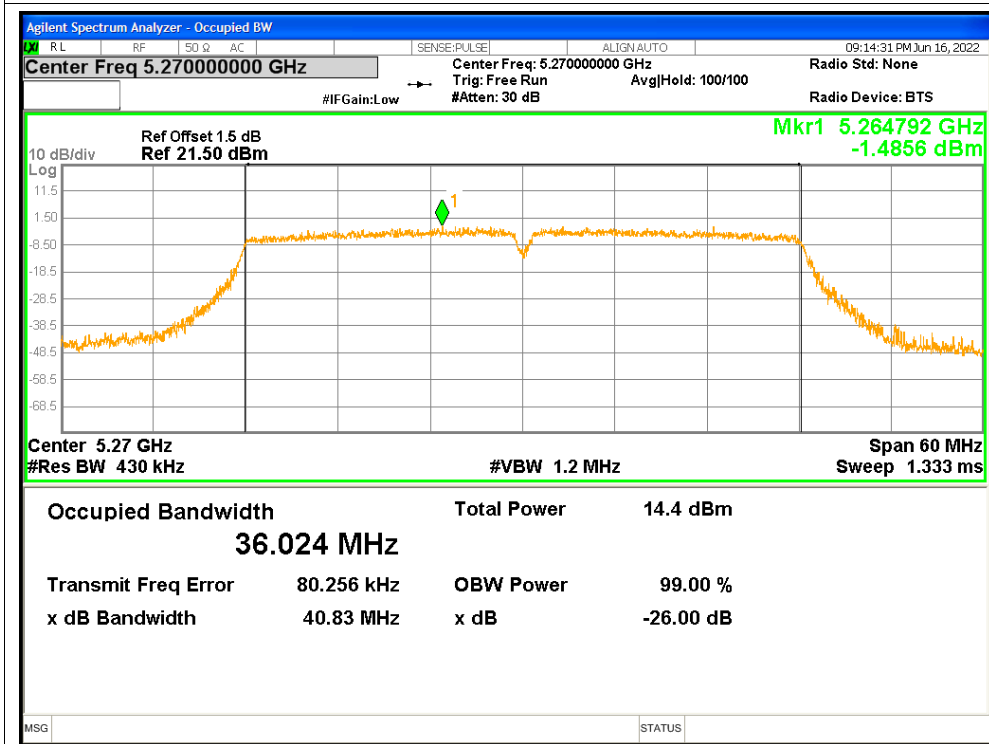
OBW NVNT ac20 5300MHz



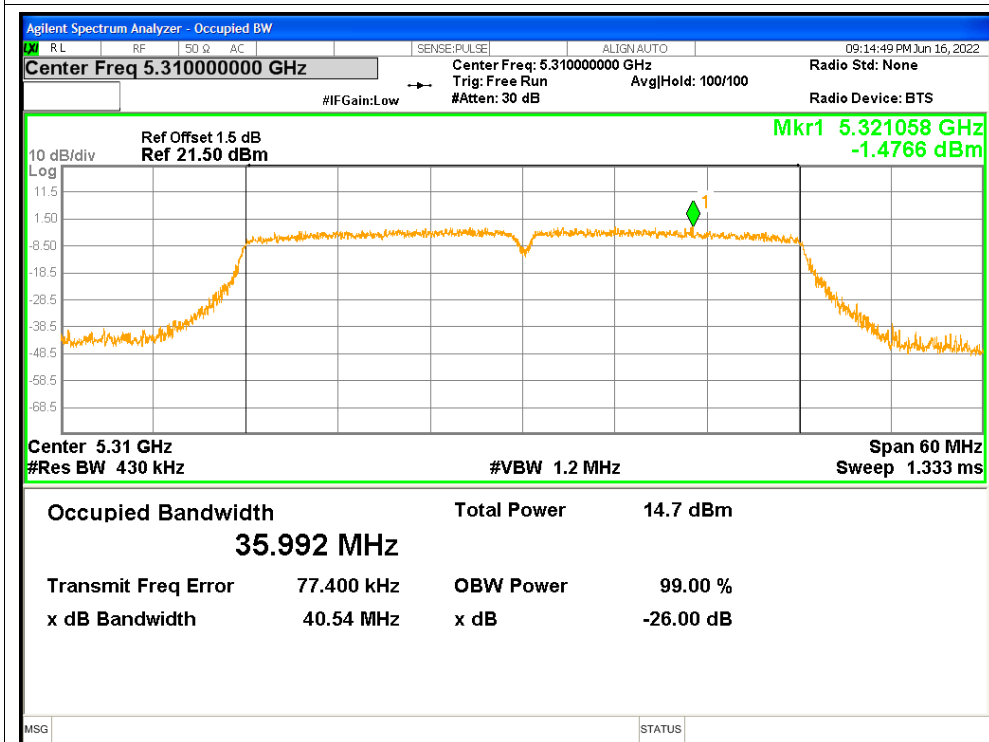
OBW NVNT ac20 5320MHz



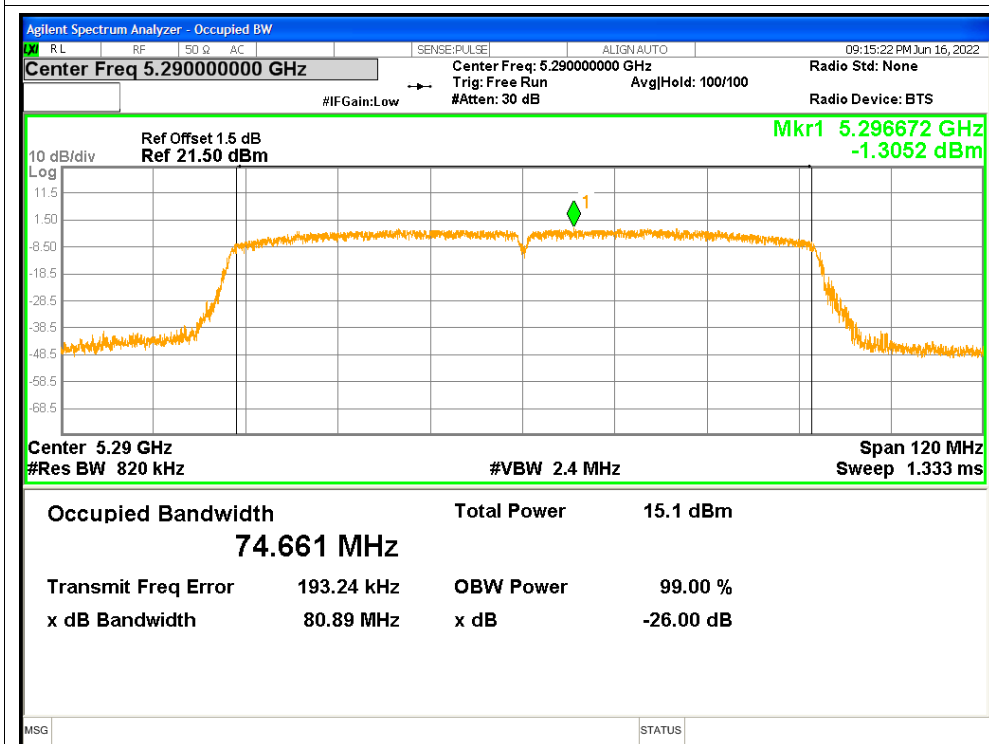
OBW NVNT ac40 5270MHz



OBW NVNT ac40 5310MHz



OBW NVNT ac80 5290MHz



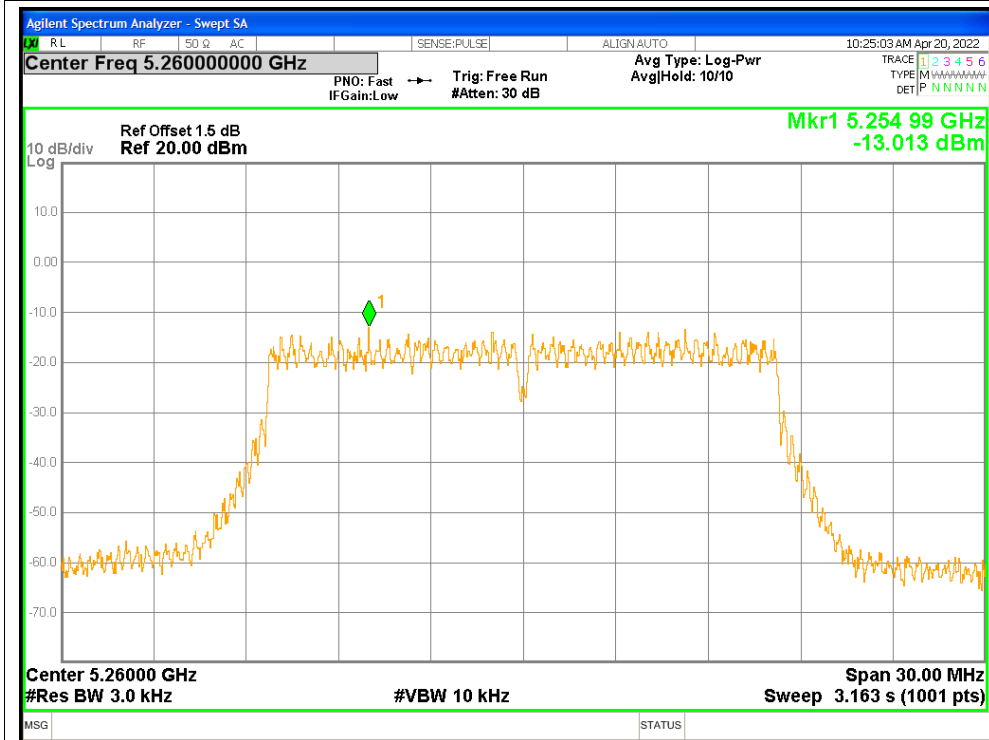
Maximum Power Spectral Density Level

Frequency (MHz)	Direct measurement Ant_A Power Density (dBm)	Direct measurement Ant_B Power Density (dBm)	Duty cycle factor (dB)	Final Ant_A Power Density (dBm)	Final Ant_B Power Density (dBm)	Power Density Total (dBm)	Limit (dBm)	Result
802.11a								
5260	-13.010	-13.480	0.440	-12.570	-13.040	--	11	PASS
5300	-11.860	-13.170	0.440	-11.420	-12.730	--	11	PASS
5320	-12.070	-12.810	0.440	-11.630	-12.370	--	11	PASS
802.11n20								
5260	-12.690	-14.870	0.230	-12.460	-14.640	-10.404	11	PASS
5300	-13.720	-14.300	0.230	-13.490	-14.070	-10.760	11	PASS
5320	-12.360	-13.060	0.230	-12.130	-12.830	-9.456	11	PASS
802.11n40								
5270	-16.970	-17.200	0.770	-16.200	-16.430	-13.303	11	PASS
5310	-15.680	-16.830	0.770	-14.910	-16.060	-12.437	11	PASS
802.11ac20								
5260	-14.910	-15.080	0.430	-14.480	-14.650	-11.554	11	PASS
5300	-14.150	-14.190	0.430	-13.720	-13.760	-10.730	11	PASS
5320	-13.550	-13.000	0.430	-13.120	-12.570	-9.826	11	PASS
802.11ac40								
5270	-17.710	-17.980	0.510	-17.200	-17.470	-14.323	11	PASS
5310	-16.180	-16.570	0.510	-15.670	-16.060	-12.850	11	PASS
802.11ac80								
5290	-18.880	-18.450	1.730	-17.150	-16.720	-13.919	11	PASS

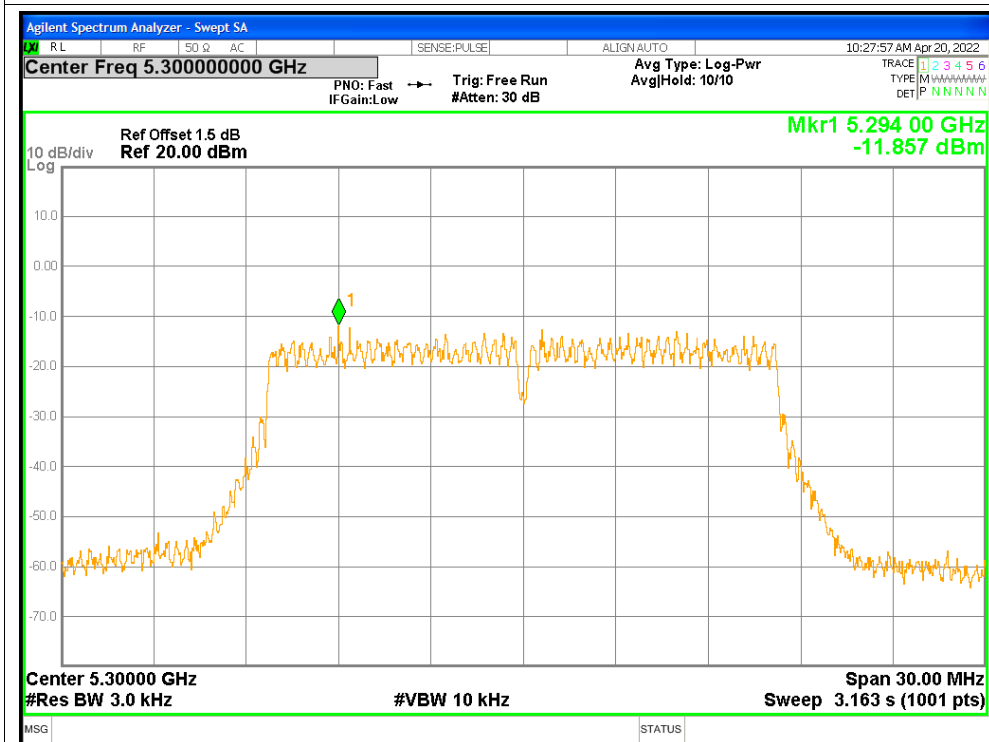
ANT A

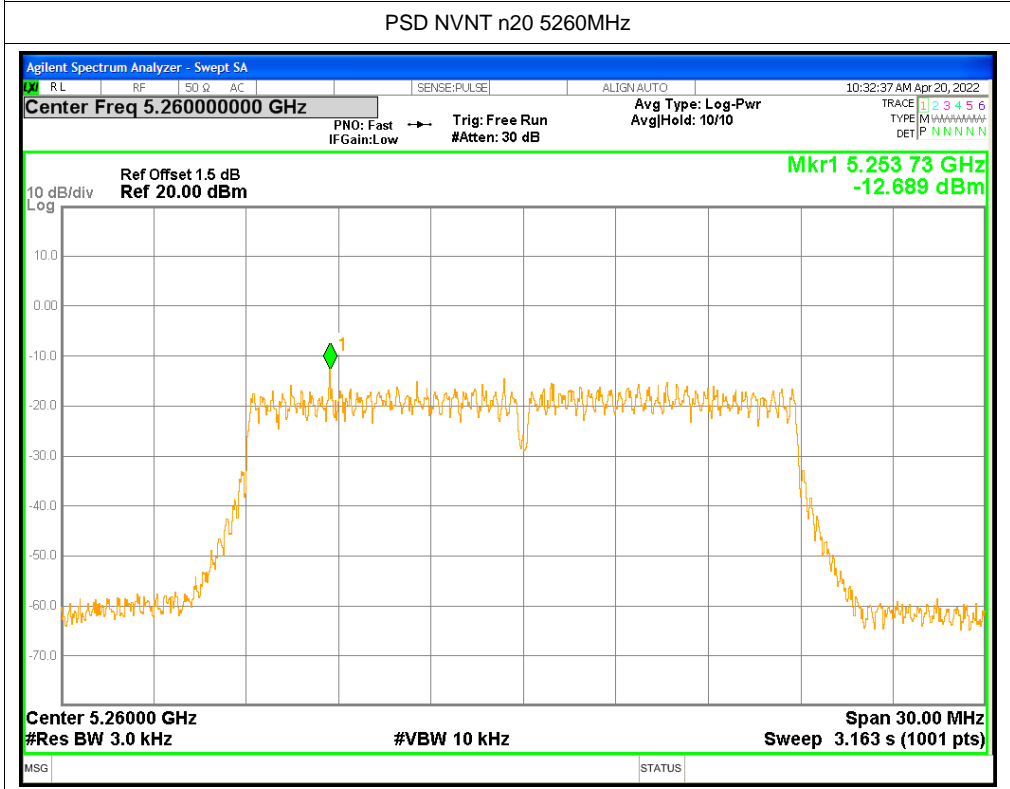
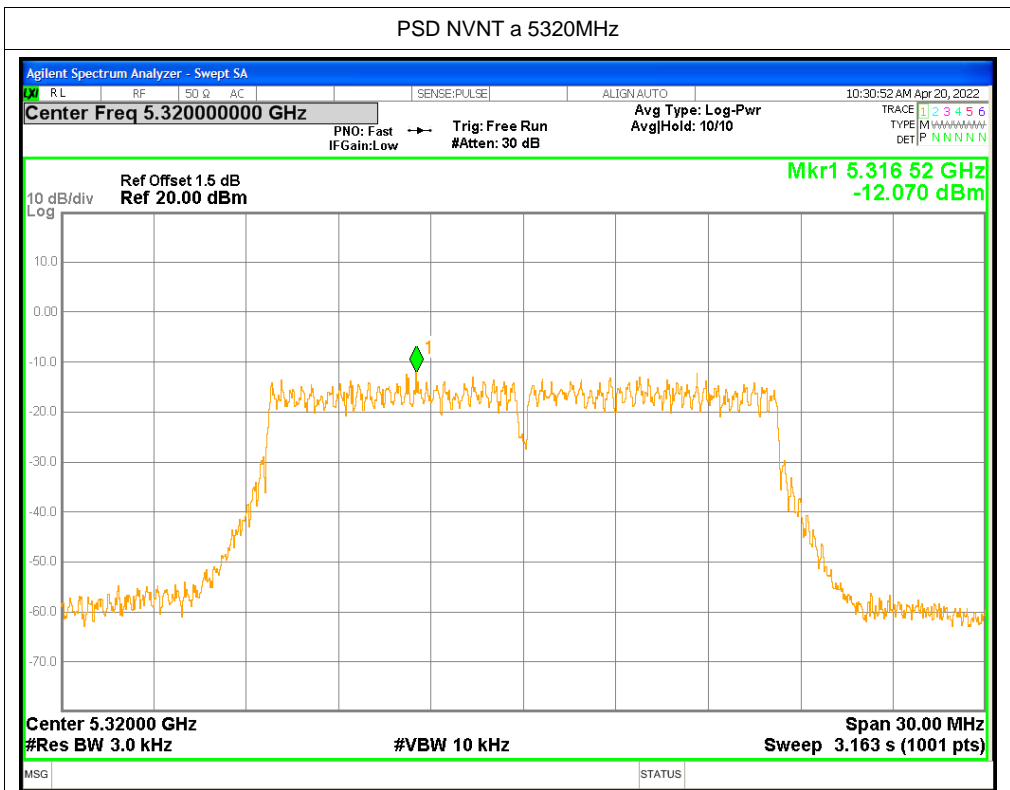
Test Graphs

PSD NVNT a 5260MHz

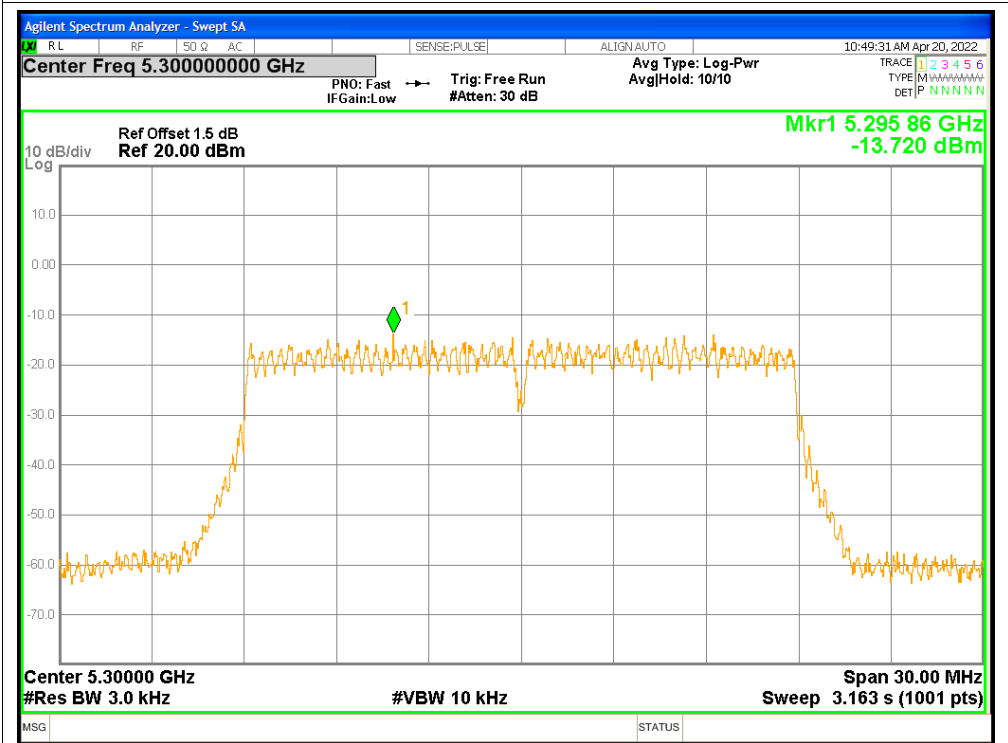


PSD NVNT a 5300MHz

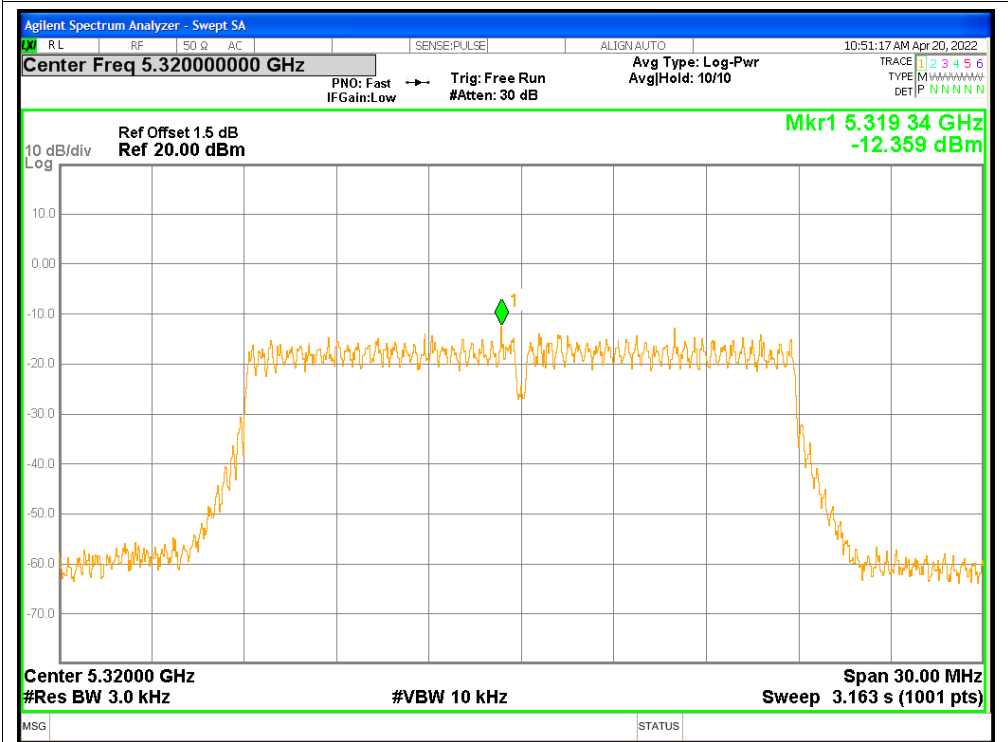


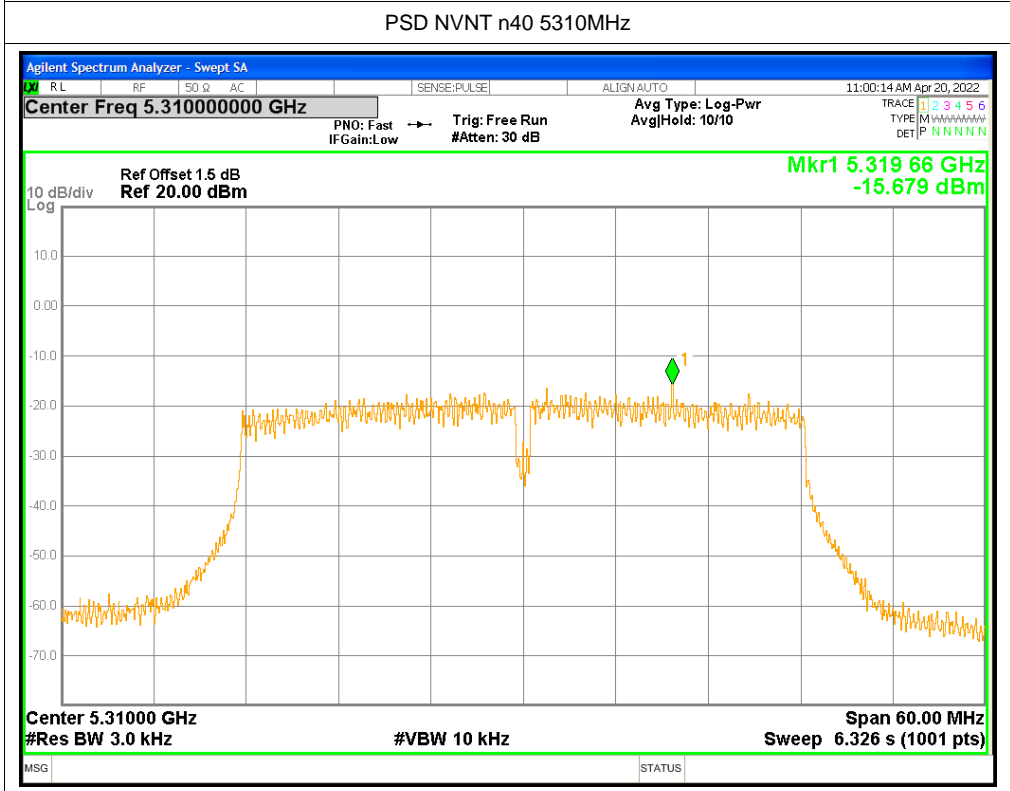
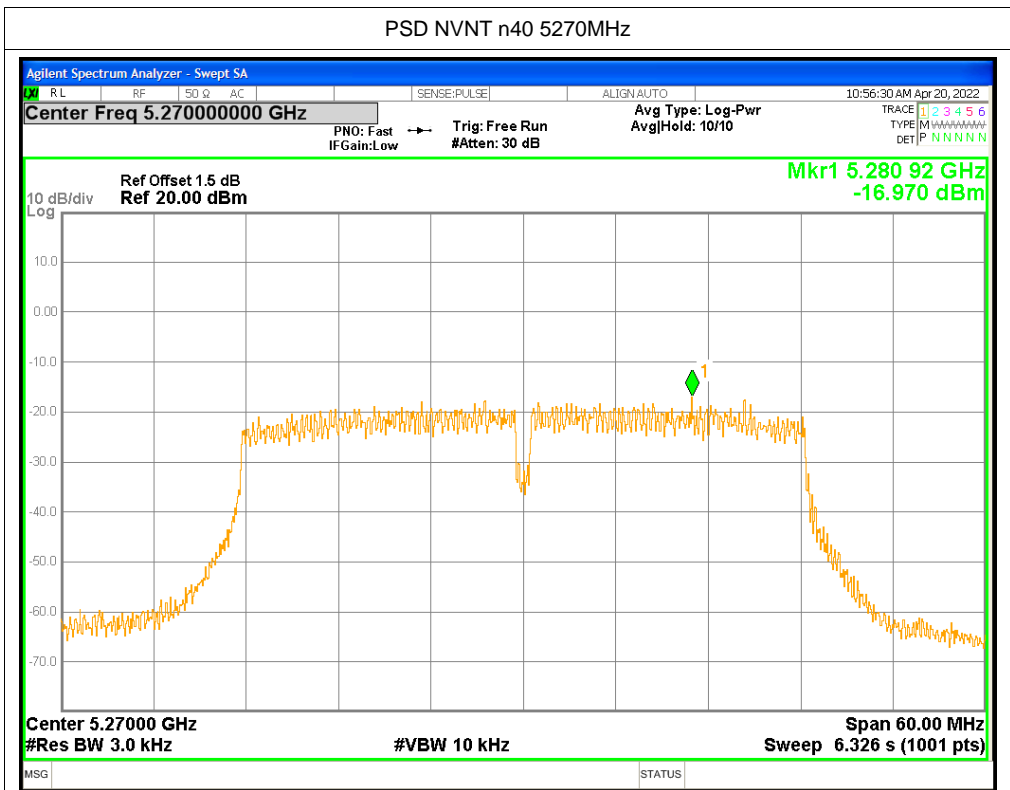


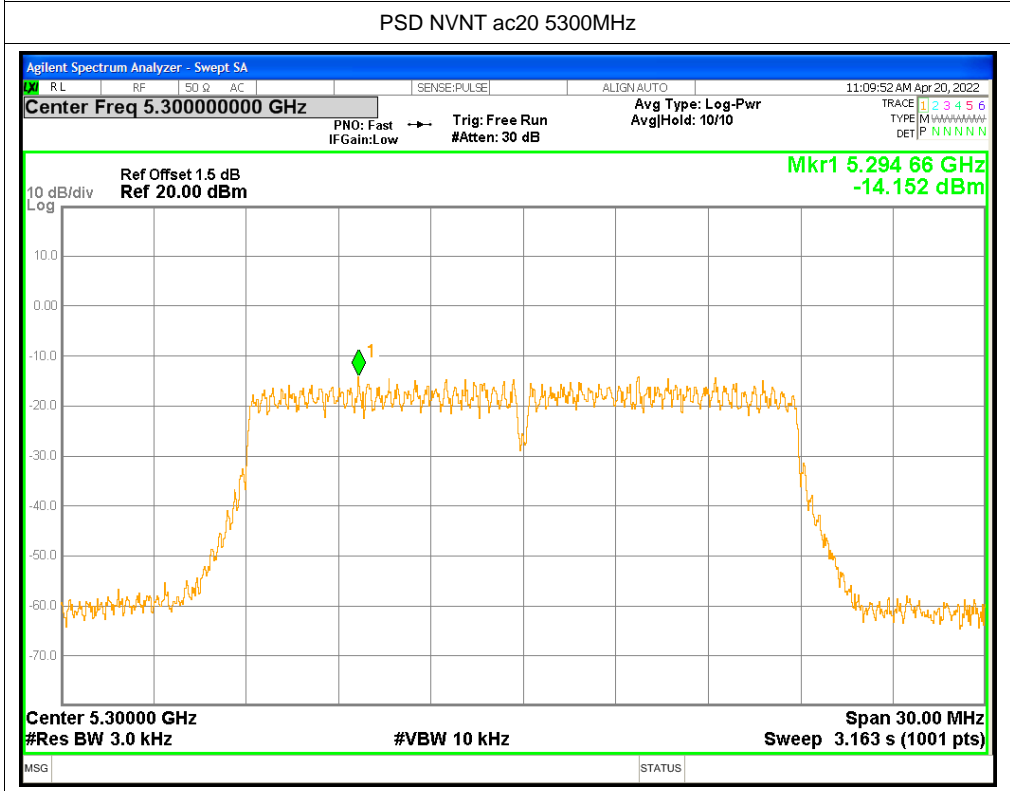
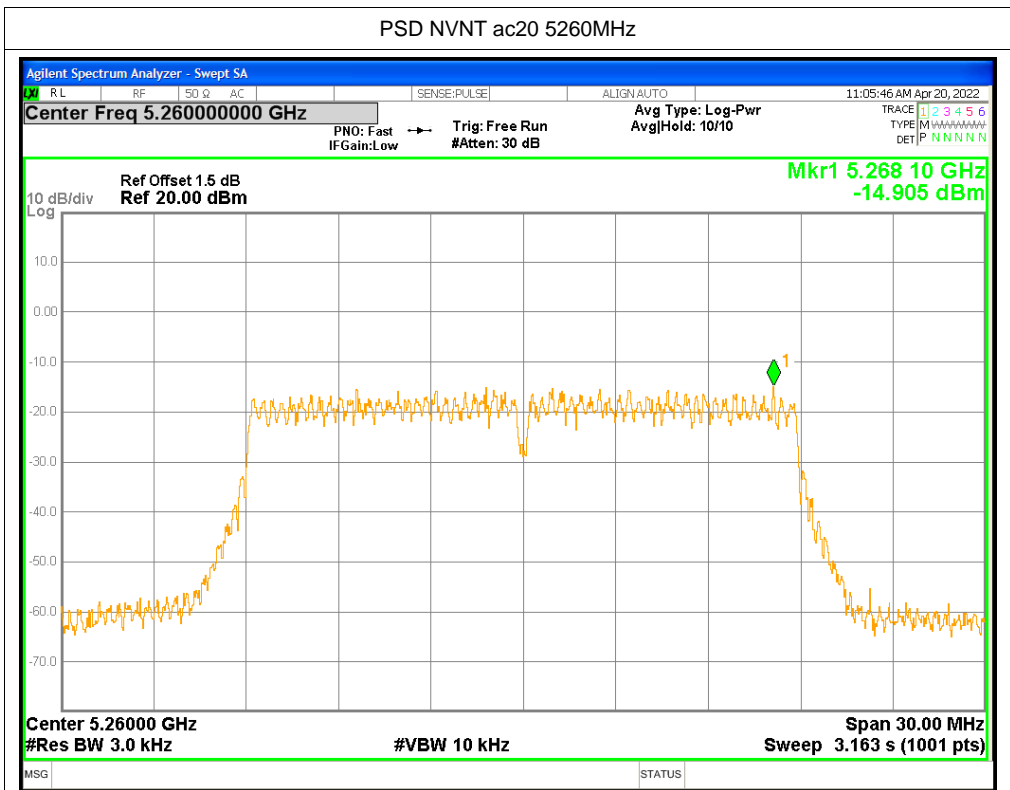
PSD NVNT n20 5300MHz



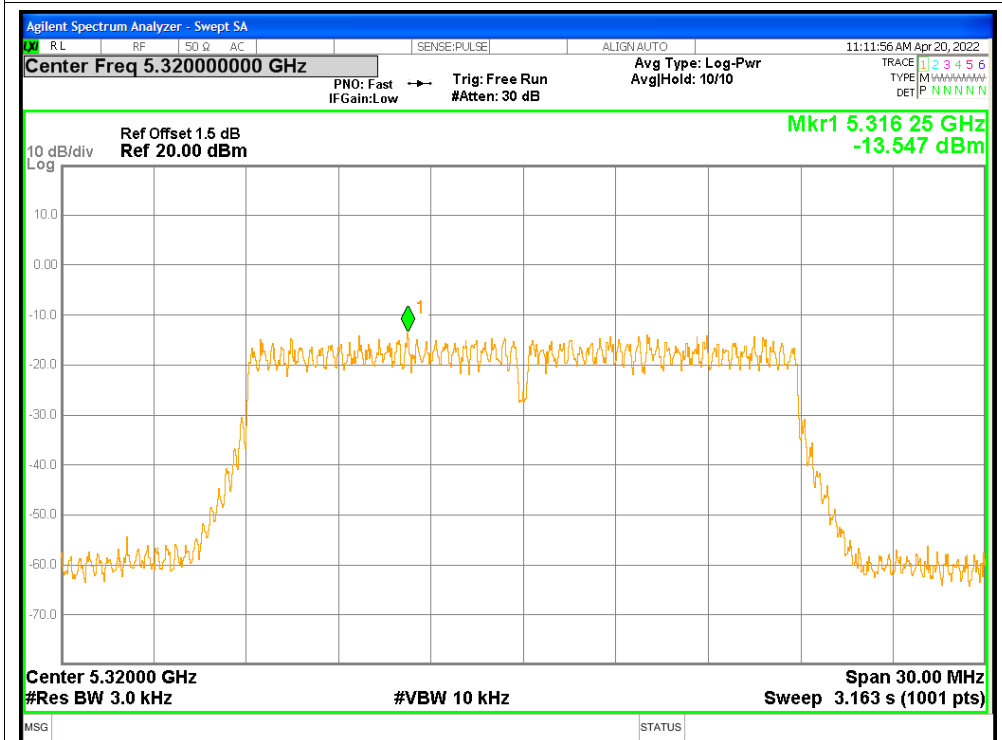
PSD NVNT n20 5320MHz



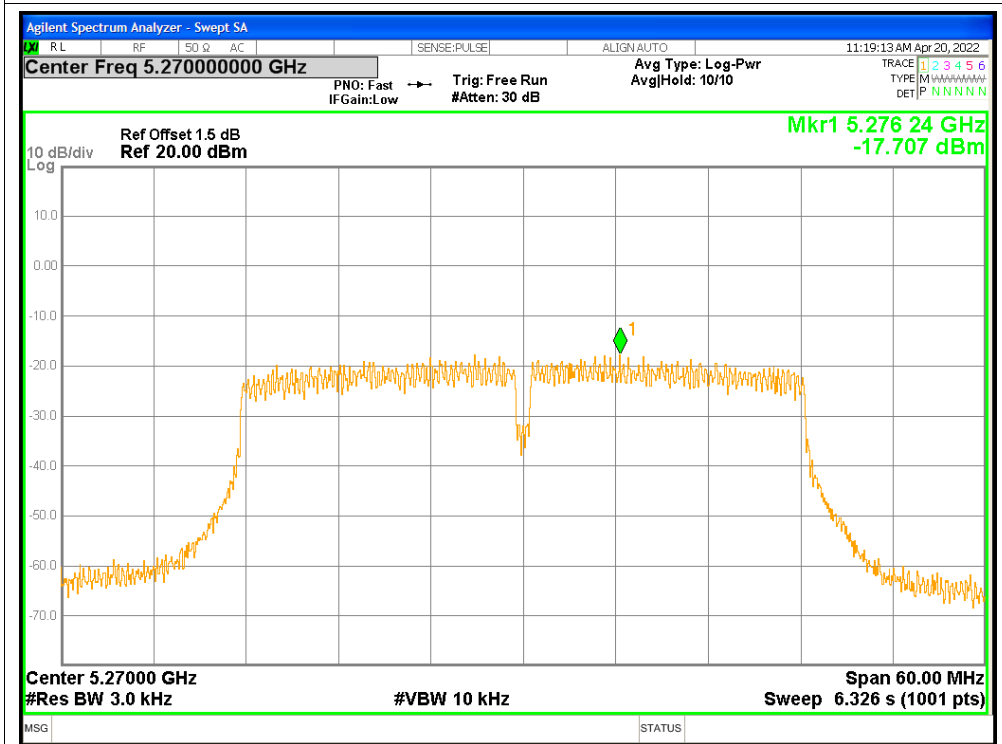




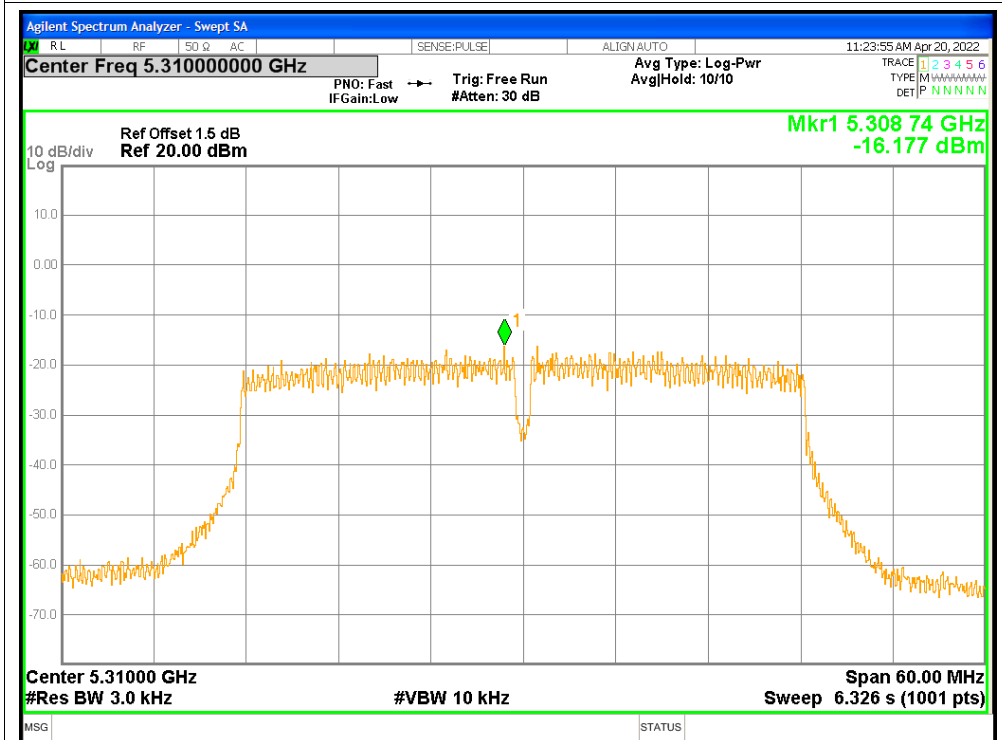
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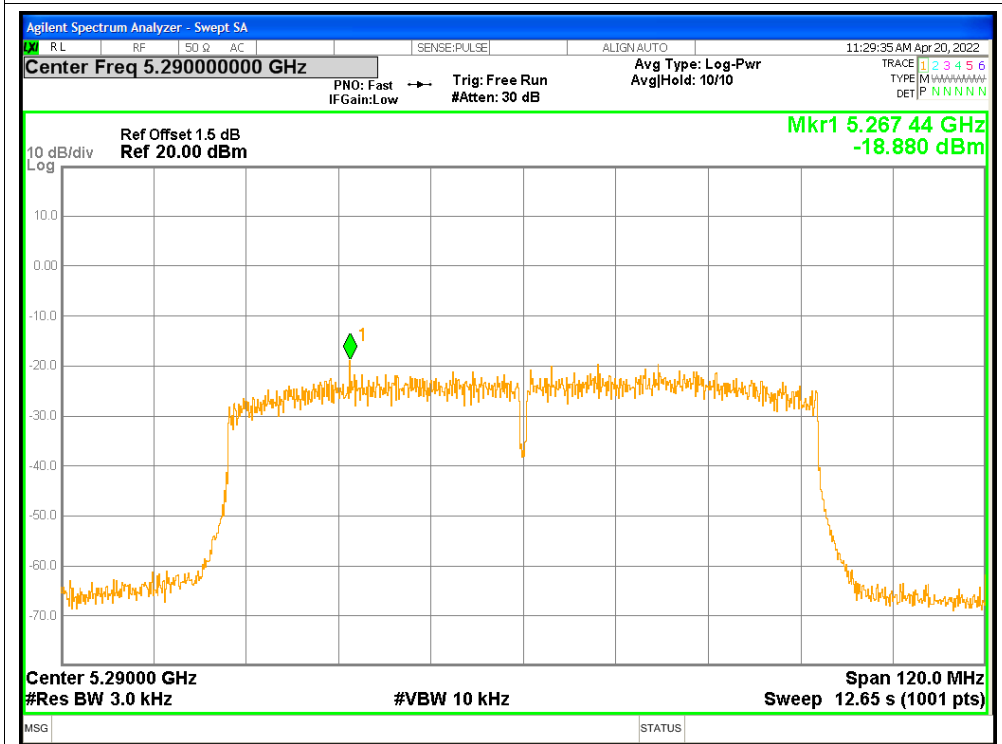
PSD NVNT ac40 5270MHz



PSD NVNT ac40 5310MHz



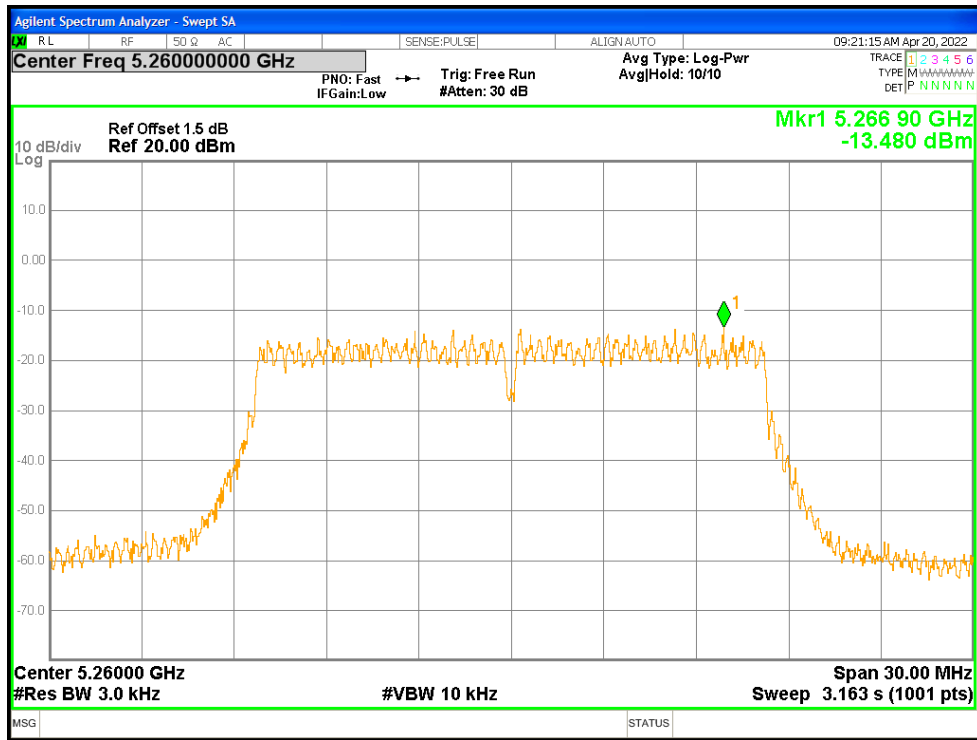
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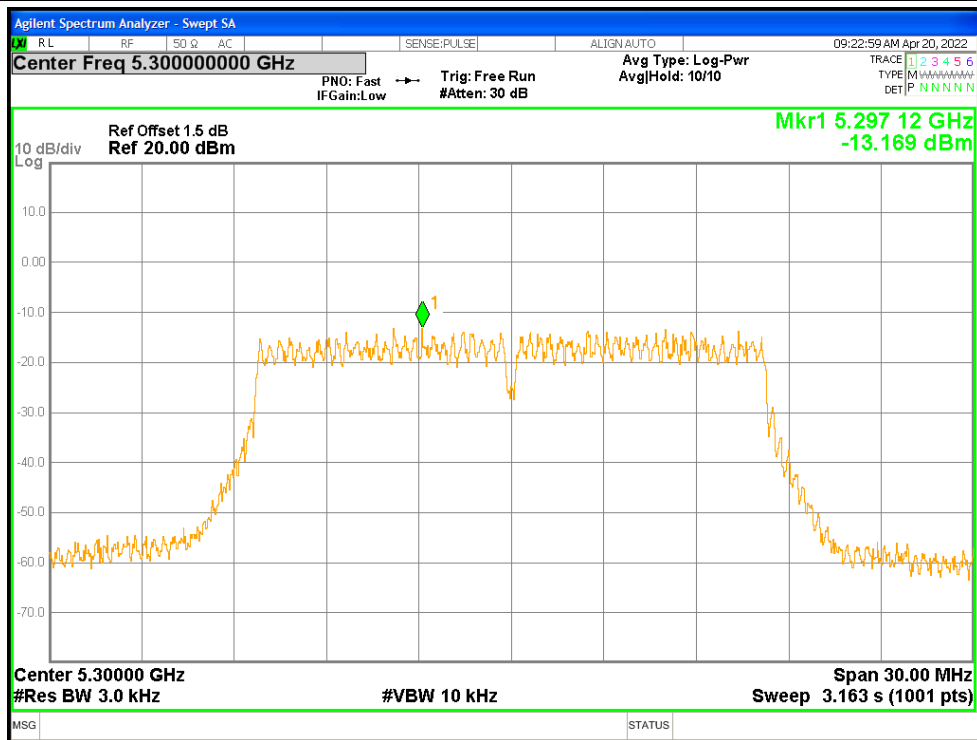
ANT B

Test Graphs

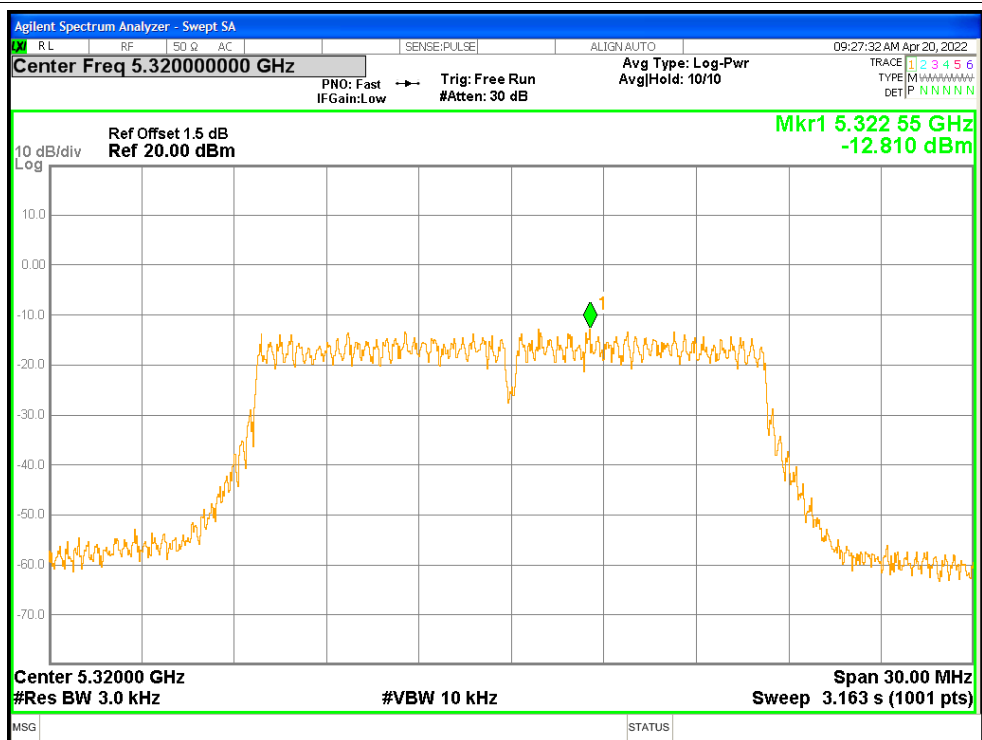
PSD NVNT a 5260MHz



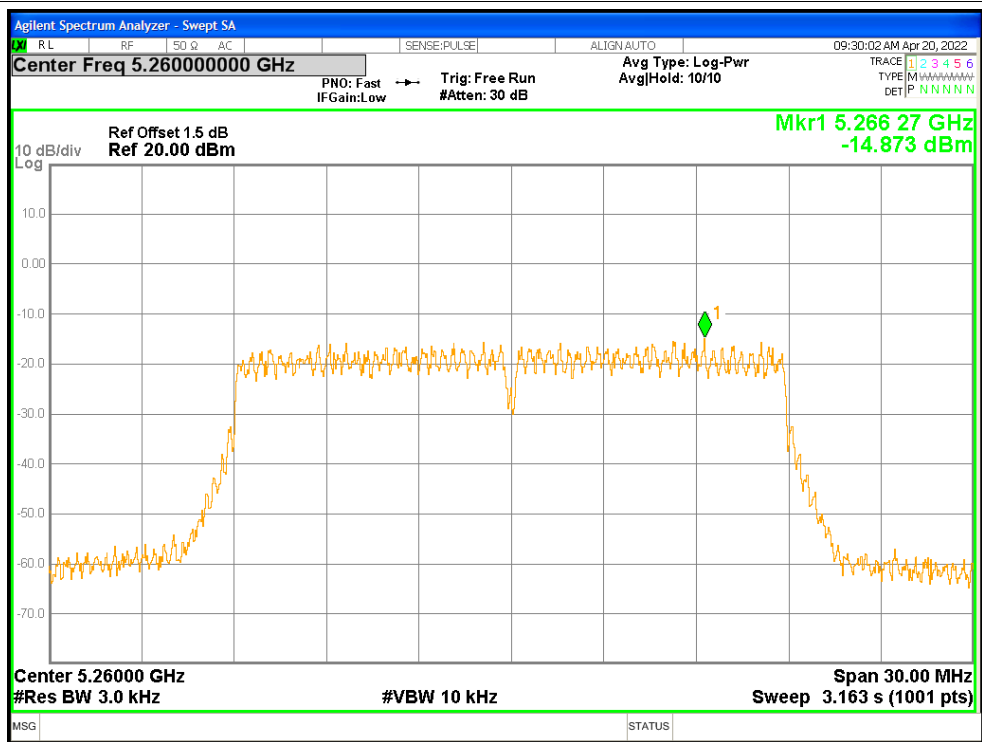
PSD NVNT a 5300MHz

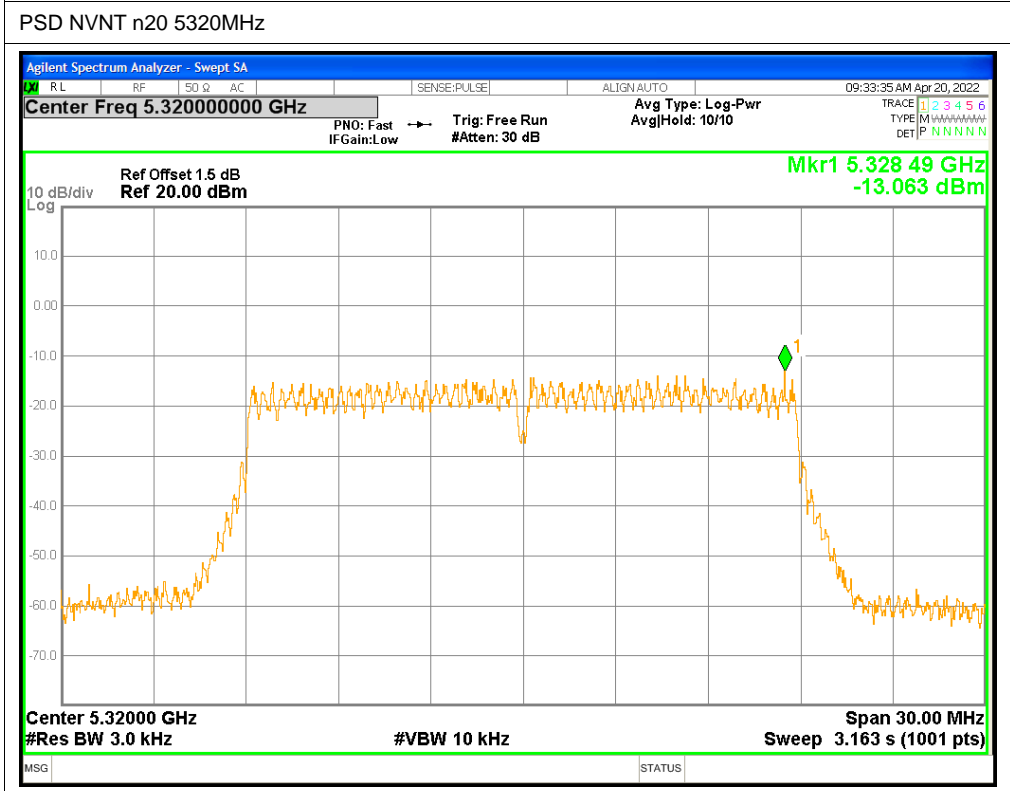
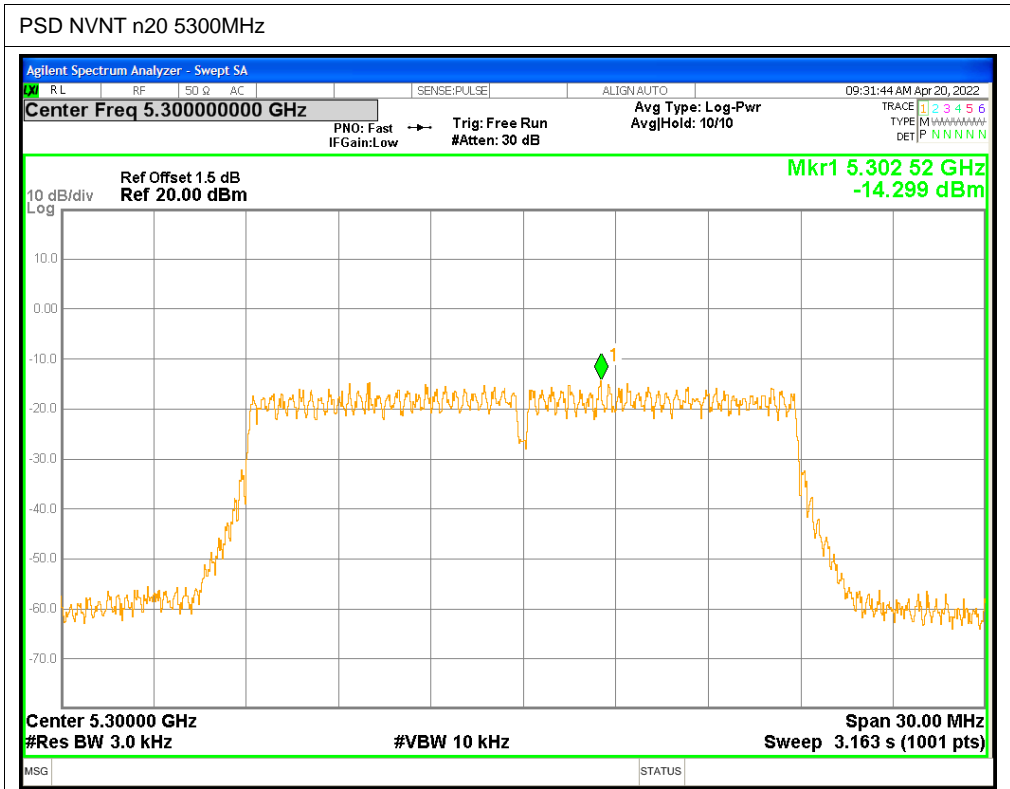


PSD NVNT a 5320MHz

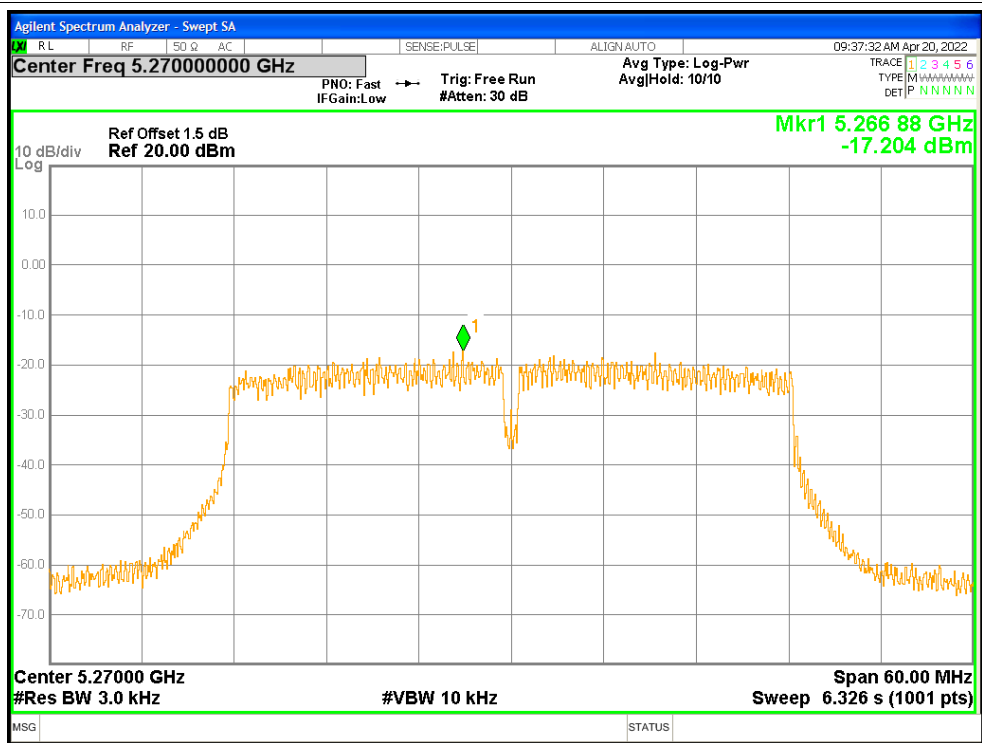


PSD NVNT n20 5260MHz

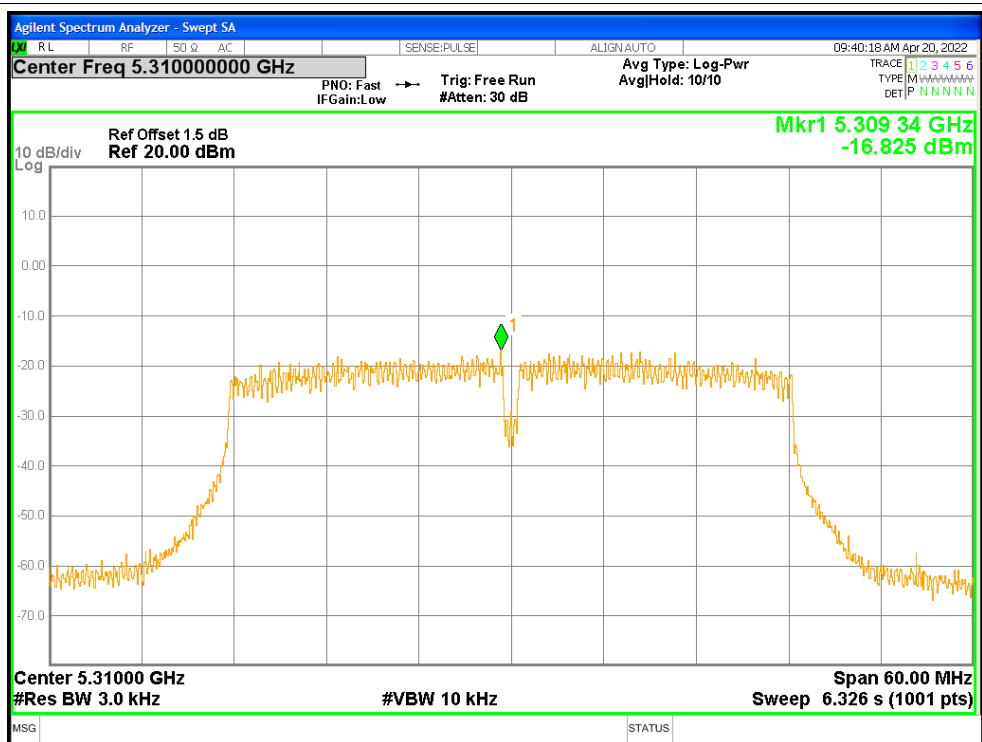




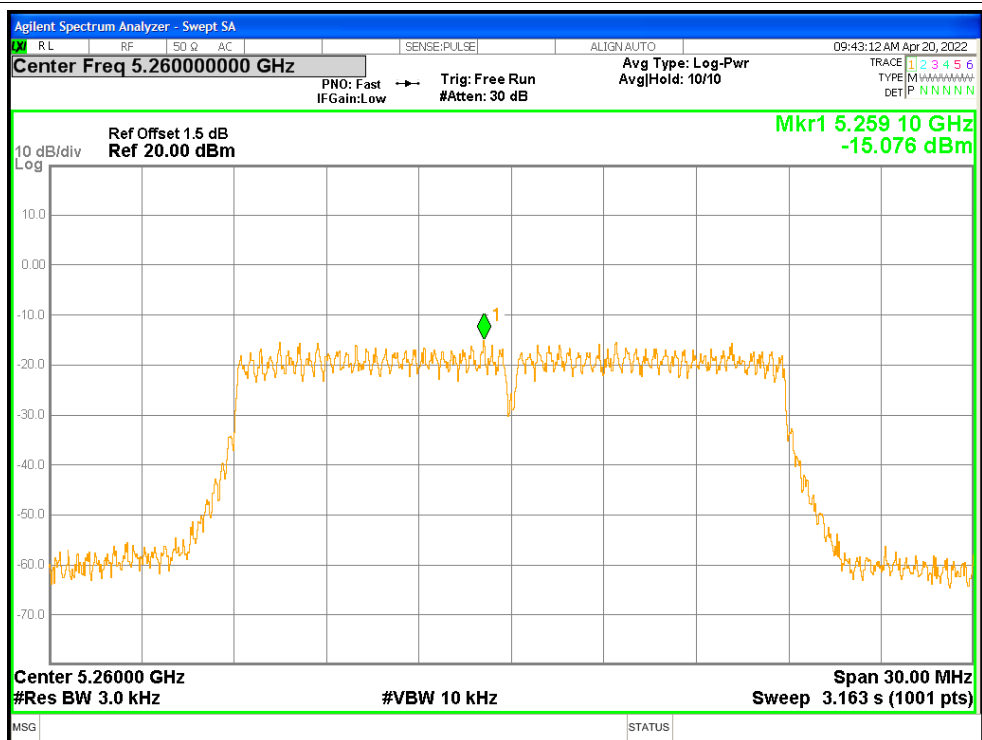
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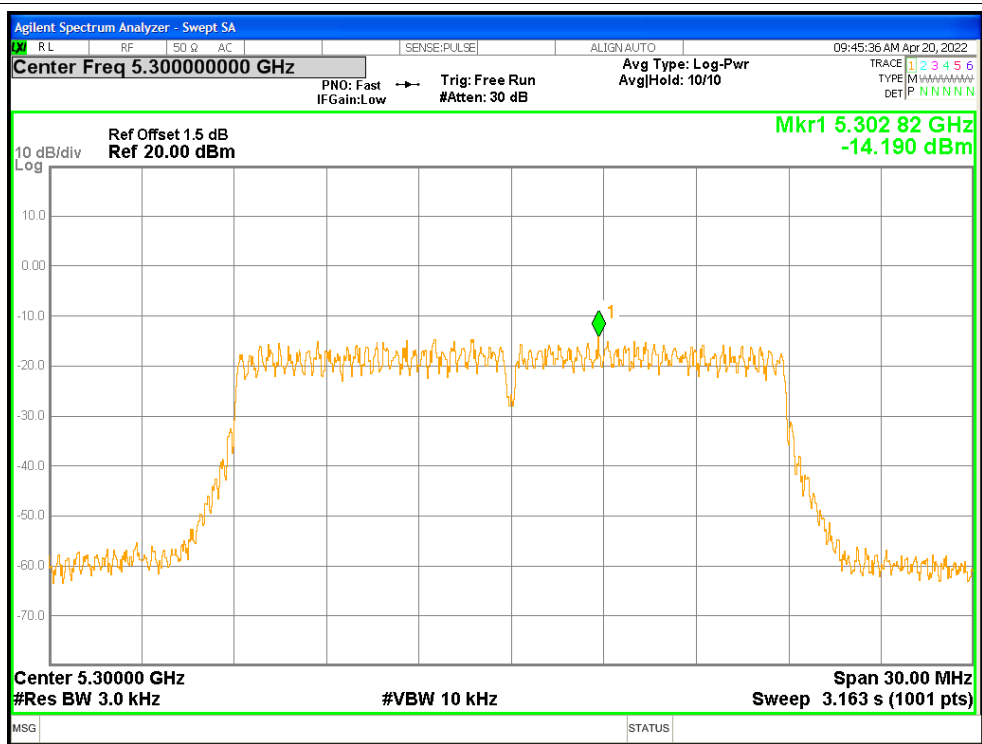
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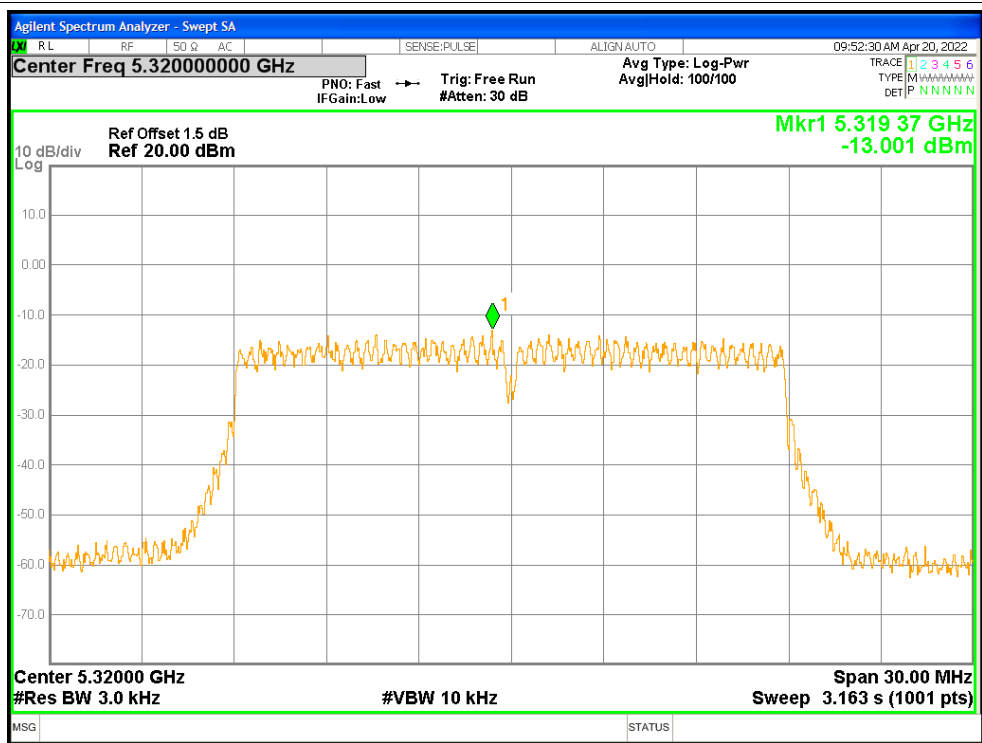
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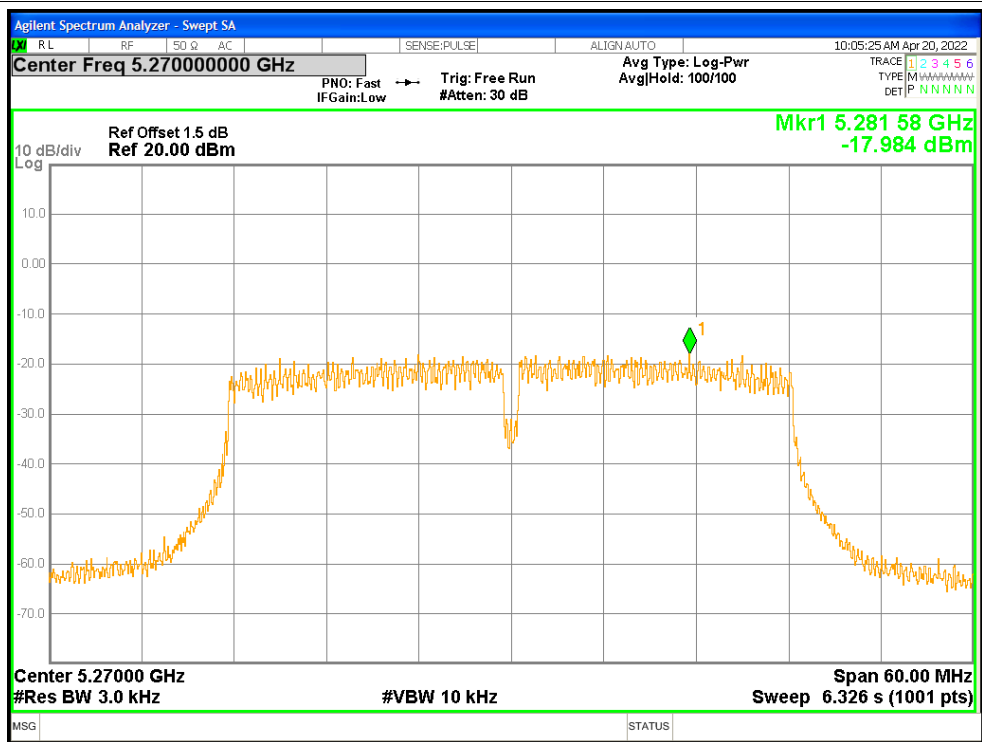
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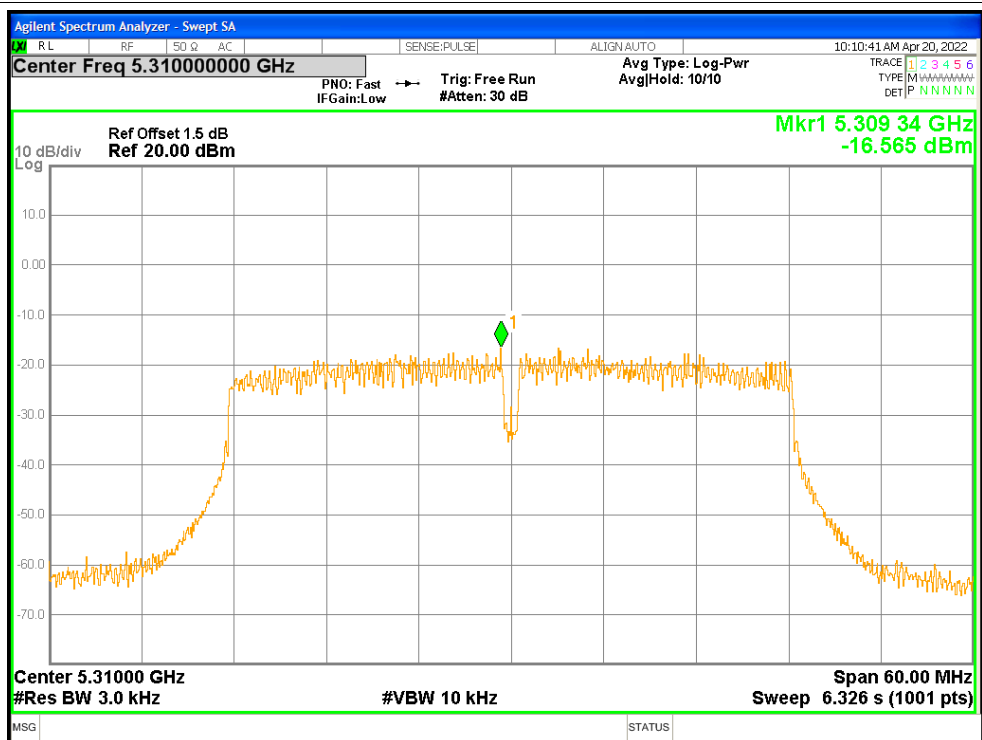
PSD NVNT ac20 5320MHz



PSD NVNT ac40 5270MHz



PSD NVNT ac40 5310MHz



PSD NVNT ac80 5290MHz

