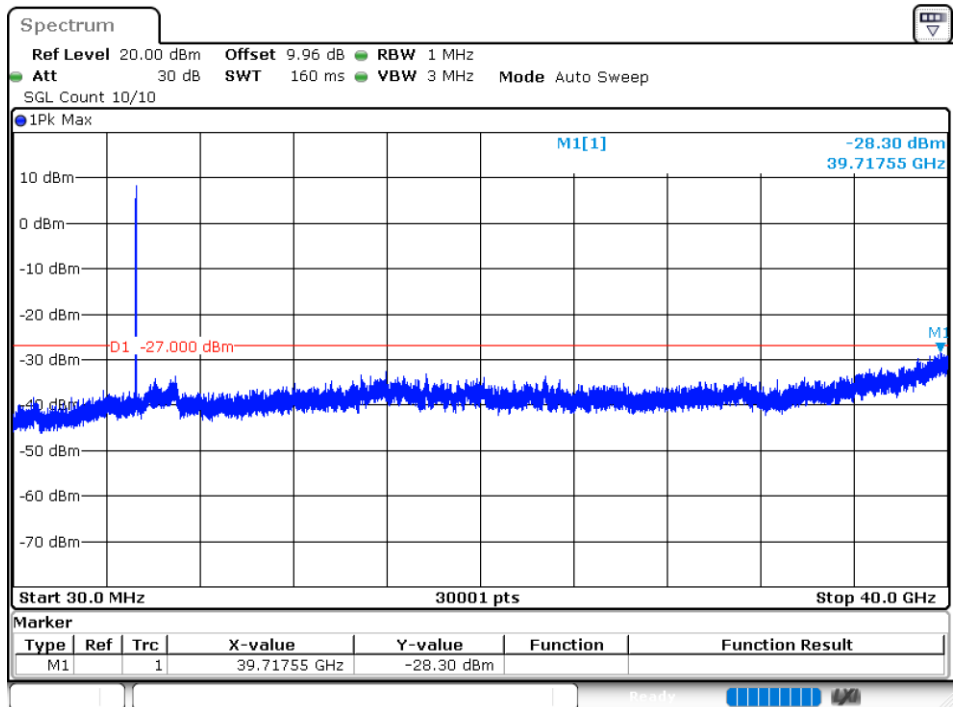
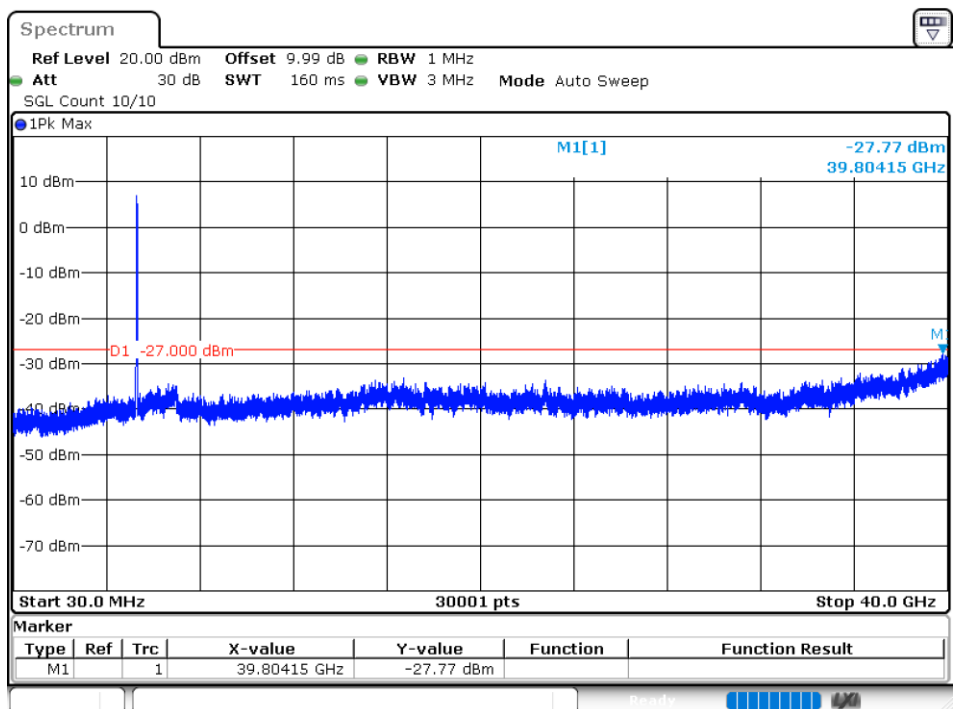
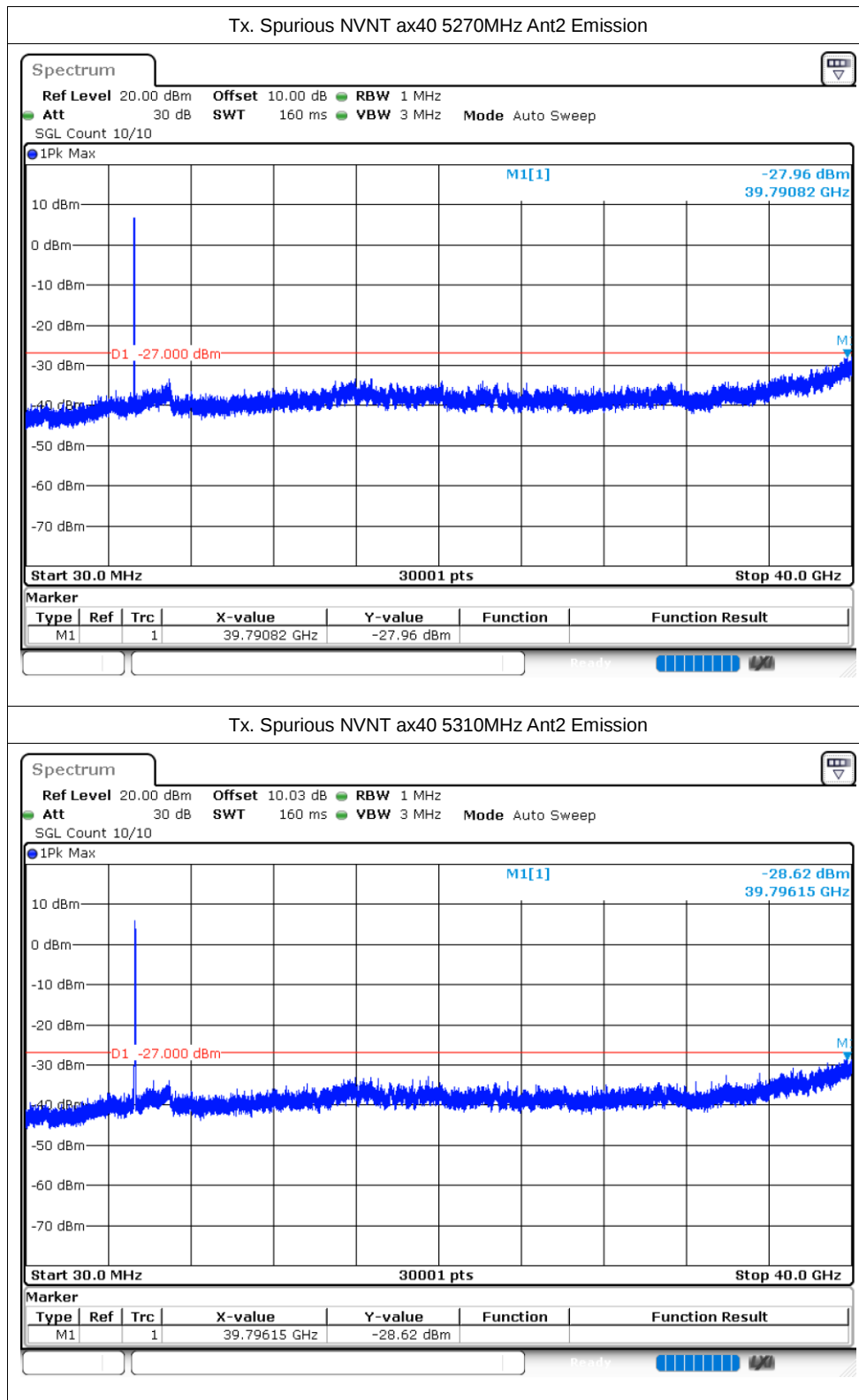


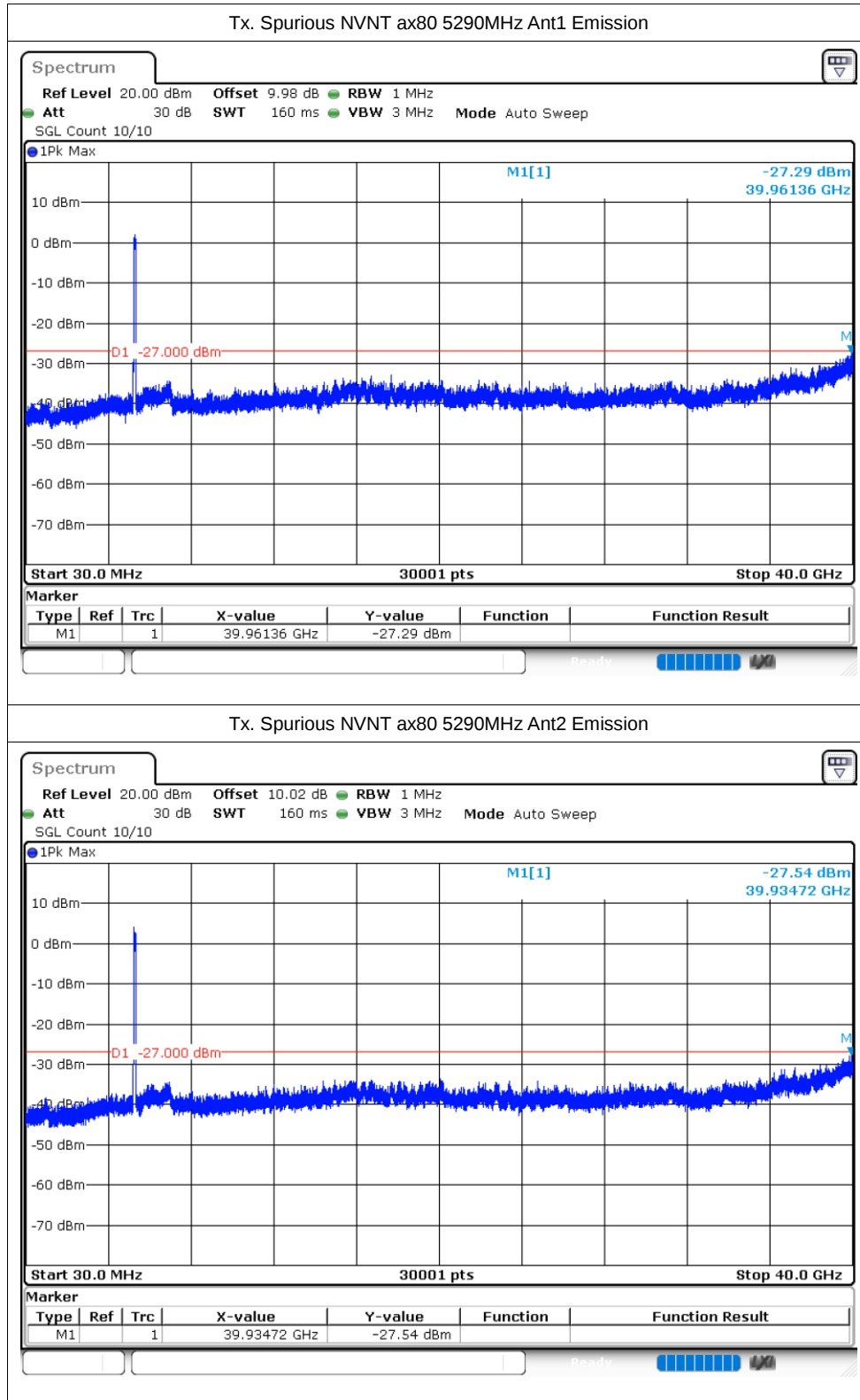
Tx. Spurious NVNT ax40 5270MHz Ant1 Emission



Tx. Spurious NVNT ax40 5310MHz Ant1 Emission







5.3G WIFI MIMO

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5260	Ant1	7.28	24	Pass
NVNT	ac20	5260	Ant2	7.91	24	Pass
NVNT	ac20	5260	Sum	10.62	24	Pass
NVNT	ac20	5280	Ant1	7.37	24	Pass
NVNT	ac20	5280	Ant2	7.61	24	Pass
NVNT	ac20	5280	Sum	10.5	24	Pass
NVNT	ac20	5320	Ant1	6.85	24	Pass
NVNT	ac20	5320	Ant2	7.19	24	Pass
NVNT	ac20	5320	Sum	10.03	24	Pass
NVNT	ac40	5270	Ant1	7.54	24	Pass
NVNT	ac40	5270	Ant2	7.68	24	Pass
NVNT	ac40	5270	Sum	10.62	24	Pass
NVNT	ac40	5310	Ant1	7.2	24	Pass
NVNT	ac40	5310	Ant2	7.55	24	Pass
NVNT	ac40	5310	Sum	10.39	24	Pass
NVNT	ac80	5290	Ant1	6.66	24	Pass
NVNT	ac80	5290	Ant2	7.27	24	Pass
NVNT	ac80	5290	Sum	9.99	24	Pass
NVNT	ax20	5260	Ant1	7.64	24	Pass
NVNT	ax20	5260	Ant2	7.92	24	Pass
NVNT	ax20	5260	Sum	10.79	24	Pass
NVNT	ax20	5280	Ant1	7.64	24	Pass
NVNT	ax20	5280	Ant2	7.84	24	Pass
NVNT	ax20	5280	Sum	10.75	24	Pass
NVNT	ax20	5320	Ant1	7.03	24	Pass
NVNT	ax20	5320	Ant2	7.33	24	Pass
NVNT	ax20	5320	Sum	10.19	24	Pass
NVNT	ax40	5270	Ant1	7.82	24	Pass
NVNT	ax40	5270	Ant2	7.91	24	Pass
NVNT	ax40	5270	Sum	10.88	24	Pass
NVNT	ax40	5310	Ant1	7.33	24	Pass
NVNT	ax40	5310	Ant2	7.64	24	Pass
NVNT	ax40	5310	Sum	10.5	24	Pass
NVNT	ax80	5290	Ant1	6.93	24	Pass
NVNT	ax80	5290	Ant2	7.65	24	Pass

NVNT	ax80	5290	Sum	10.32	24	Pass
NVNT	n20	5260	Ant1	7.44	24	Pass
NVNT	n20	5260	Ant2	7.8	24	Pass
NVNT	n20	5260	Sum	10.63	24	Pass
NVNT	n20	5280	Ant1	7.2	24	Pass
NVNT	n20	5280	Ant2	7.71	24	Pass
NVNT	n20	5280	Sum	10.47	24	Pass
NVNT	n20	5320	Ant1	7.01	24	Pass
NVNT	n20	5320	Ant2	7.25	24	Pass
NVNT	n20	5320	Sum	10.14	24	Pass
NVNT	n40	5270	Ant1	7.6	24	Pass
NVNT	n40	5270	Ant2	7.7	24	Pass
NVNT	n40	5270	Sum	10.66	24	Pass
NVNT	n40	5310	Ant1	7.12	24	Pass
NVNT	n40	5310	Ant2	7.53	24	Pass
NVNT	n40	5310	Sum	10.34	24	Pass

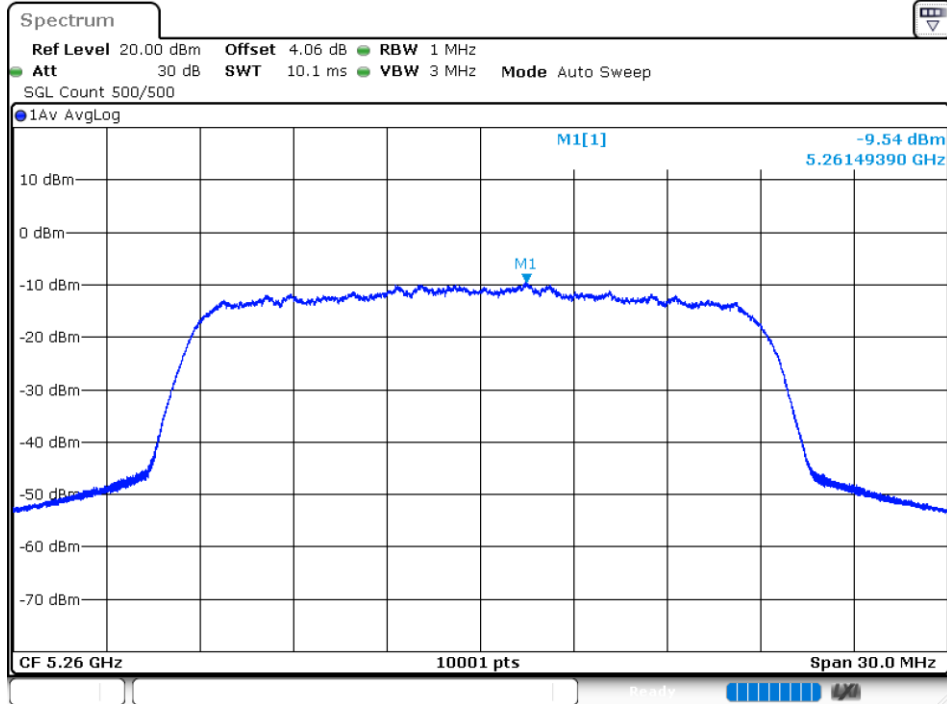
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5260	Ant1	-9.54	0.47	-9.07	11	Pass
NVNT	ac20	5260	Ant2	-9.02	0.47	-8.55	11	Pass
NVNT	ac20	5260	Sum	-6.26	0.47	-5.79	11	Pass
NVNT	ac20	5280	Ant1	-8.81	0.47	-8.34	11	Pass
NVNT	ac20	5280	Ant2	-9.71	0.47	-9.24	11	Pass
NVNT	ac20	5280	Sum	-6.23	0.47	-5.76	11	Pass
NVNT	ac20	5320	Ant1	-10.52	0.47	-10.05	11	Pass
NVNT	ac20	5320	Ant2	-10.51	0.47	-10.04	11	Pass
NVNT	ac20	5320	Sum	-7.5	0.47	-7.03	11	Pass
NVNT	ac40	5270	Ant1	-16.35	0.89	-15.46	11	Pass
NVNT	ac40	5270	Ant2	-15.85	0.89	-14.96	11	Pass
NVNT	ac40	5270	Sum	-13.08	0.89	-12.19	11	Pass
NVNT	ac40	5310	Ant1	-13.97	0.89	-13.08	11	Pass
NVNT	ac40	5310	Ant2	-14.12	0.89	-13.23	11	Pass
NVNT	ac40	5310	Sum	-11.03	0.89	-10.14	11	Pass
NVNT	ac80	5290	Ant1	-22.26	1.75	-20.51	11	Pass
NVNT	ac80	5290	Ant2	-21.42	1.75	-19.67	11	Pass
NVNT	ac80	5290	Sum	-18.81	1.75	-17.06	11	Pass
NVNT	ax20	5260	Ant1	-10.36	0.57	-9.79	11	Pass
NVNT	ax20	5260	Ant2	-9.14	0.57	-8.57	11	Pass
NVNT	ax20	5260	Sum	-6.7	0.57	-6.13	11	Pass
NVNT	ax20	5280	Ant1	-11.31	0.55	-10.76	11	Pass
NVNT	ax20	5280	Ant2	-10.97	0.55	-10.42	11	Pass
NVNT	ax20	5280	Sum	-8.13	0.55	-7.58	11	Pass
NVNT	ax20	5320	Ant1	-10.28	0.6	-9.68	11	Pass
NVNT	ax20	5320	Ant2	-10.12	0.6	-9.52	11	Pass
NVNT	ax20	5320	Sum	-7.19	0.6	-6.59	11	Pass
NVNT	ax40	5270	Ant1	-16.8	1.01	-15.79	11	Pass
NVNT	ax40	5270	Ant2	-14.93	1.01	-13.92	11	Pass
NVNT	ax40	5270	Sum	-12.75	1.01	-11.74	11	Pass
NVNT	ax40	5310	Ant1	-18.85	1.06	-17.79	11	Pass
NVNT	ax40	5310	Ant2	-18.47	1.06	-17.41	11	Pass
NVNT	ax40	5310	Sum	-15.65	1.06	-14.59	11	Pass
NVNT	ax80	5290	Ant1	-19.3	1.77	-17.53	11	Pass
NVNT	ax80	5290	Ant2	-18.24	1.77	-16.47	11	Pass
NVNT	ax80	5290	Sum	-15.73	1.77	-13.96	11	Pass
NVNT	n20	5260	Ant1	-9.36	0.47	-8.89	11	Pass
NVNT	n20	5260	Ant2	-8.81	0.47	-8.34	11	Pass
NVNT	n20	5260	Sum	-6.07	0.47	-5.6	11	Pass
NVNT	n20	5280	Ant1	-7.8	0.47	-7.33	11	Pass
NVNT	n20	5280	Ant2	-7.64	0.47	-7.17	11	Pass

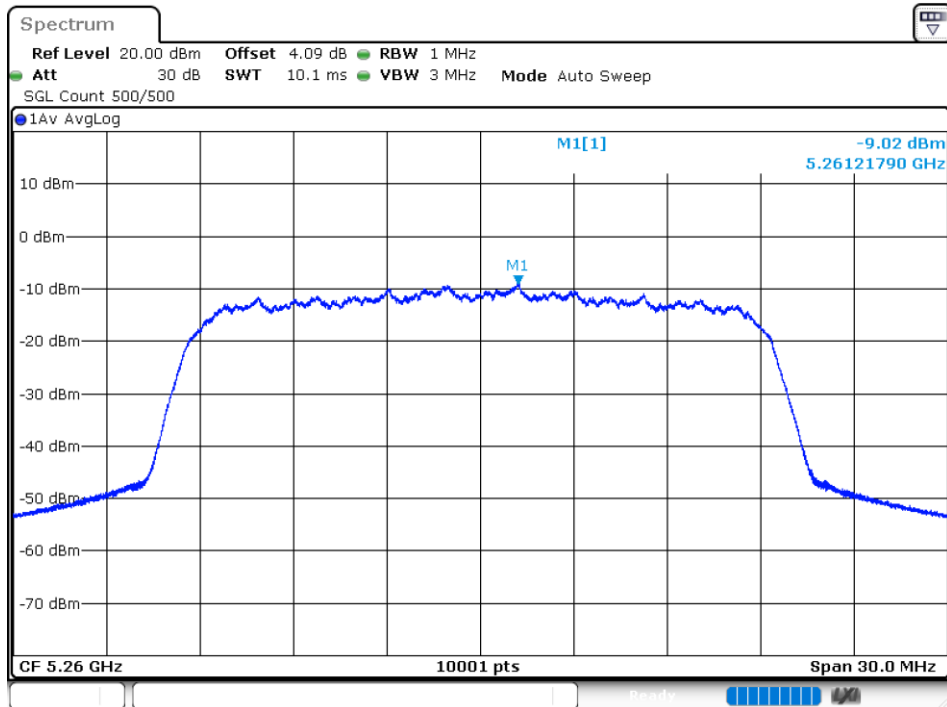
NVNT	n20	5280	Sum	-4.71	0.47	-4.24	11	Pass
NVNT	n20	5320	Ant1	-9.87	0.47	-9.4	11	Pass
NVNT	n20	5320	Ant2	-10.25	0.47	-9.78	11	Pass
NVNT	n20	5320	Sum	-7.05	0.47	-6.58	11	Pass
NVNT	n40	5270	Ant1	-16.32	0.9	-15.42	11	Pass
NVNT	n40	5270	Ant2	-16.89	0.9	-15.99	11	Pass
NVNT	n40	5270	Sum	-13.59	0.9	-12.69	11	Pass
NVNT	n40	5310	Ant1	-15.87	0.89	-14.98	11	Pass
NVNT	n40	5310	Ant2	-13.51	0.89	-12.62	11	Pass
NVNT	n40	5310	Sum	-11.52	0.89	-10.63	11	Pass

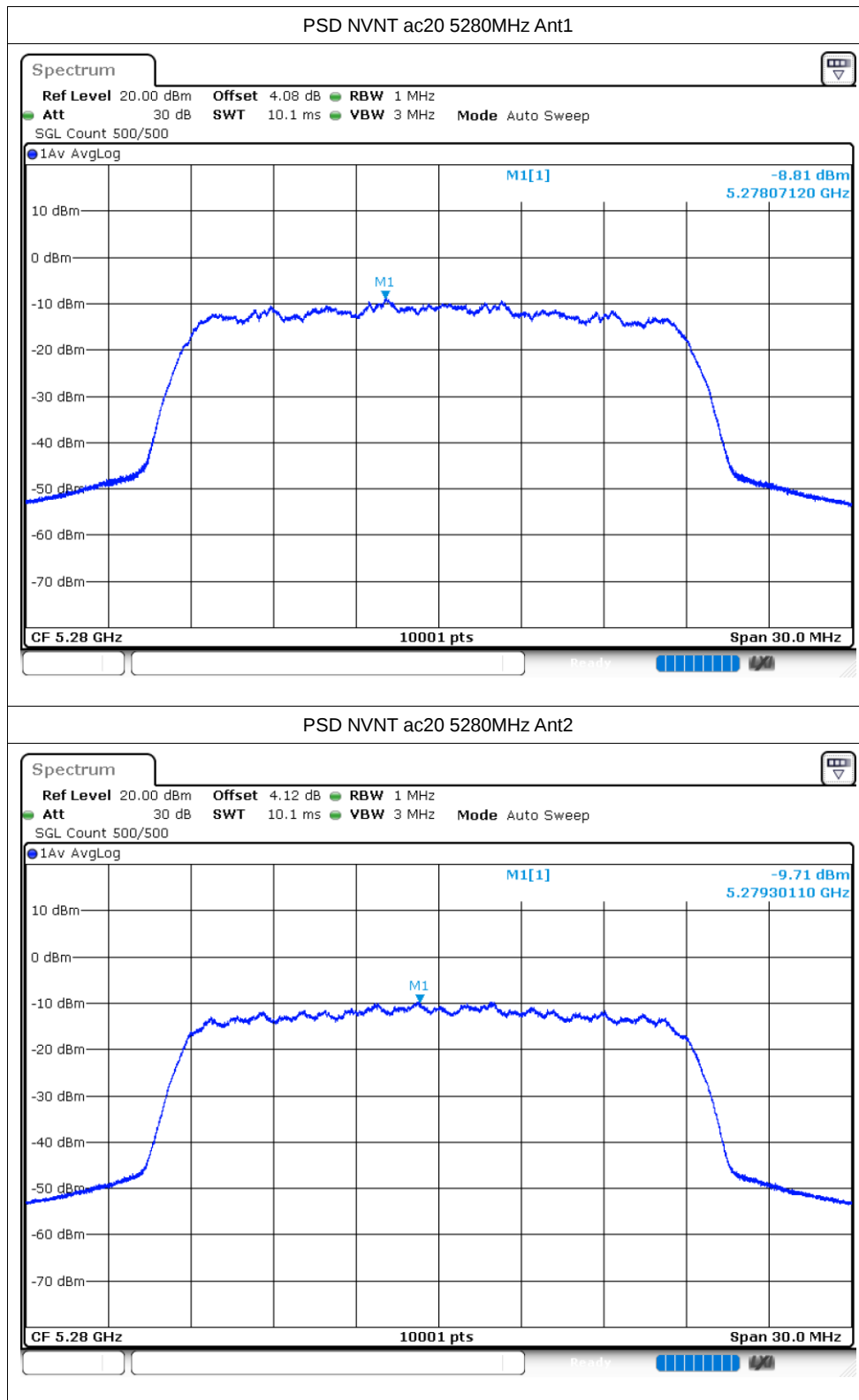
Test Graphs

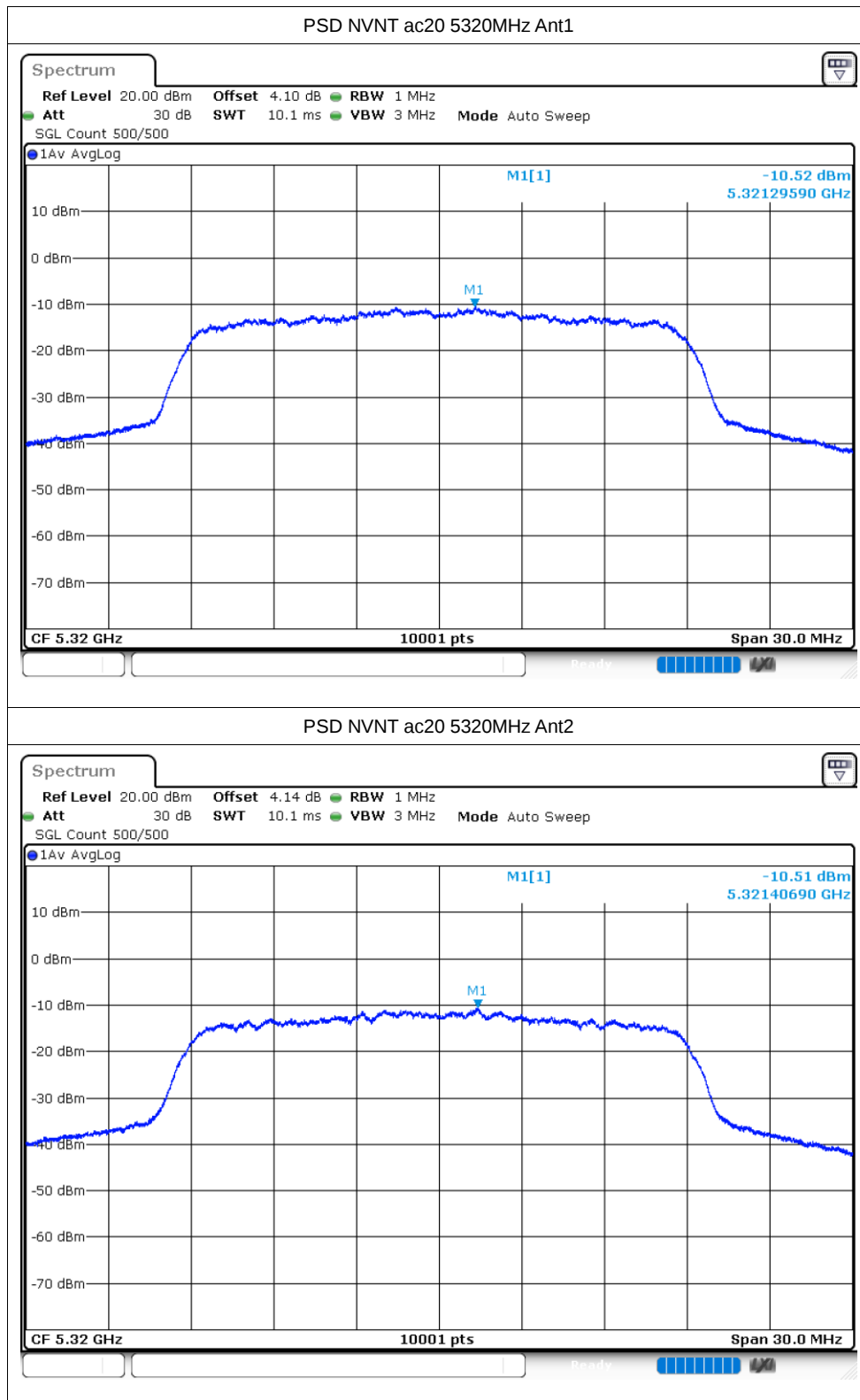
PSD NVNT ac20 5260MHz Ant1

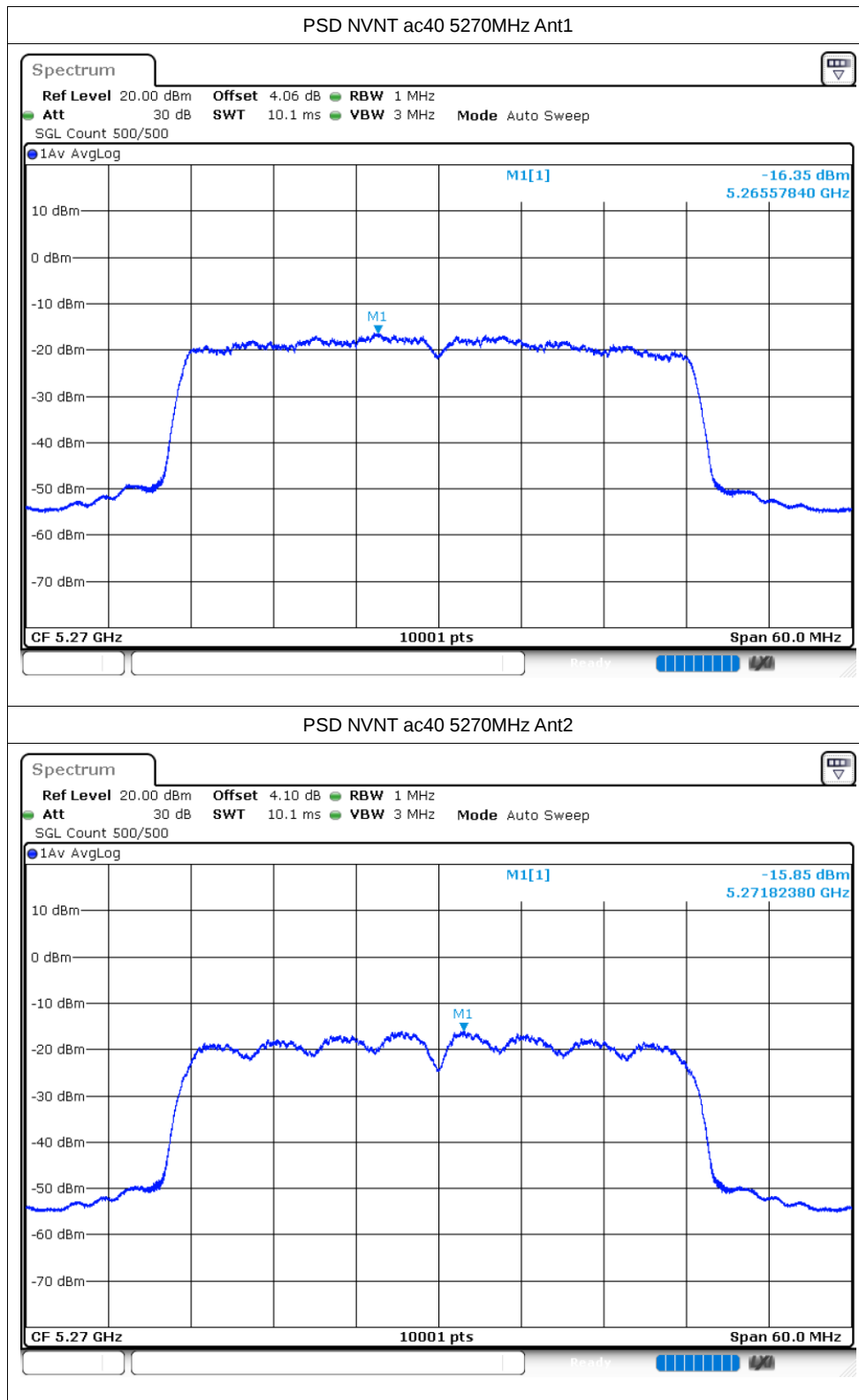


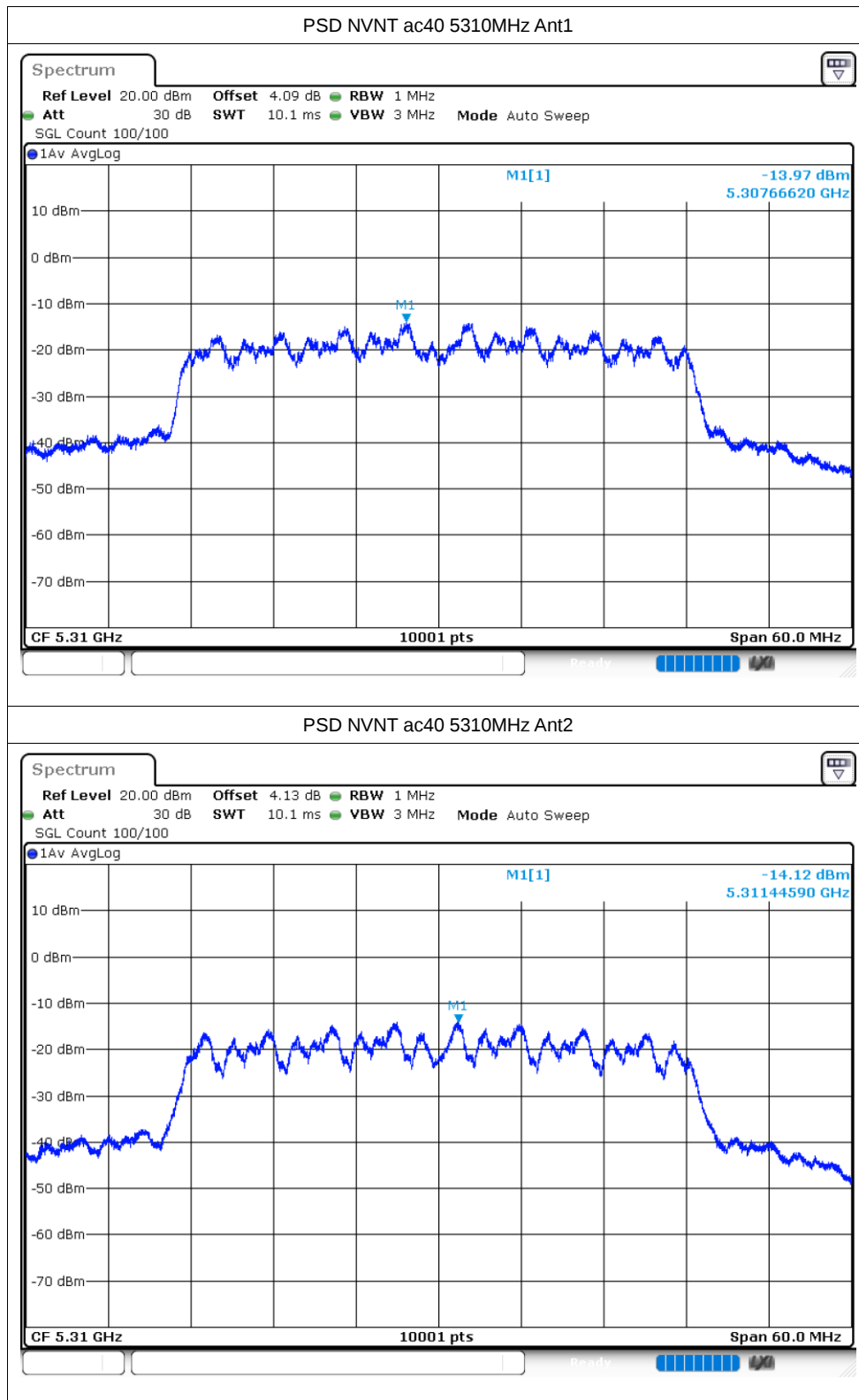
PSD NVNT ac20 5260MHz Ant2

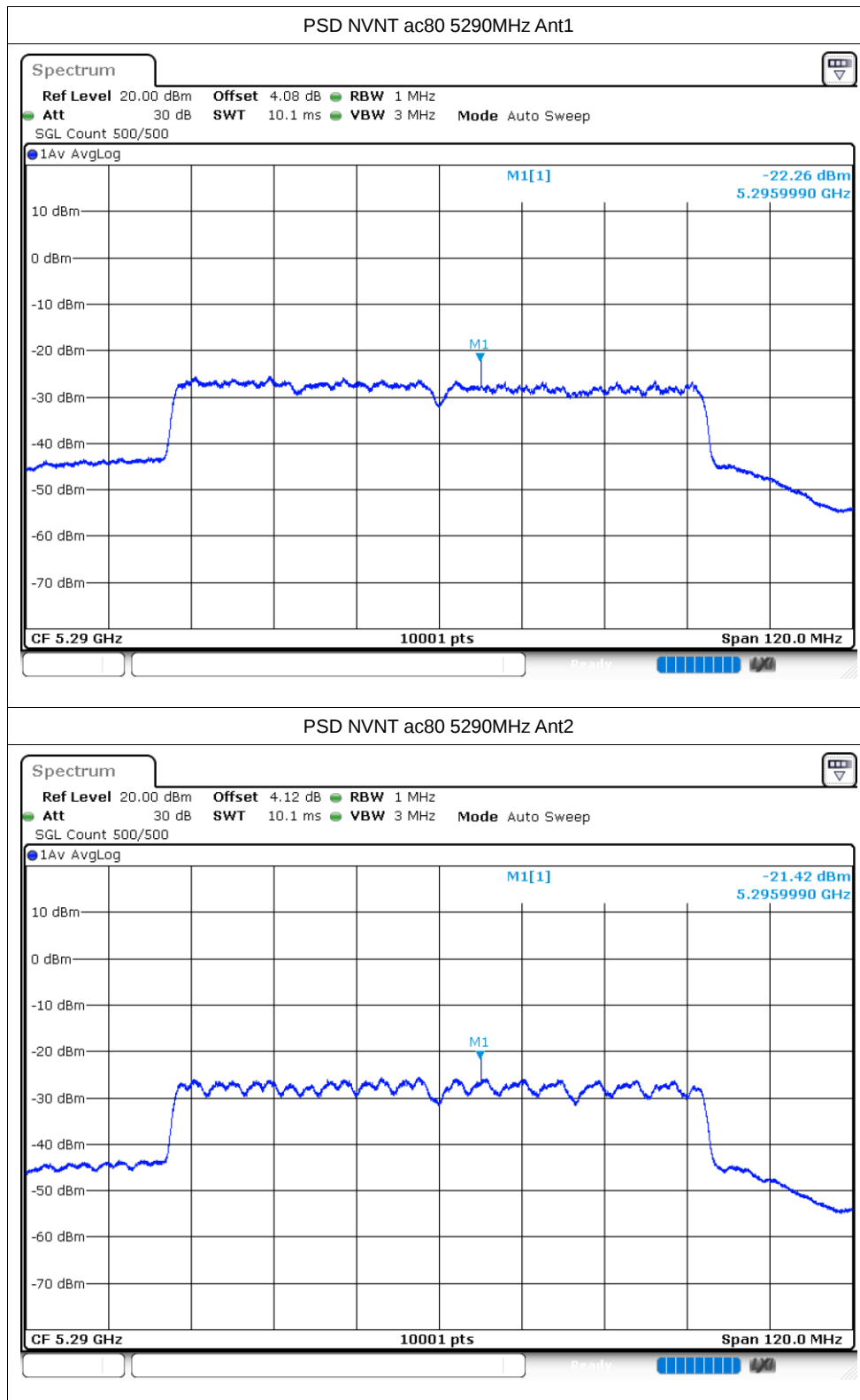


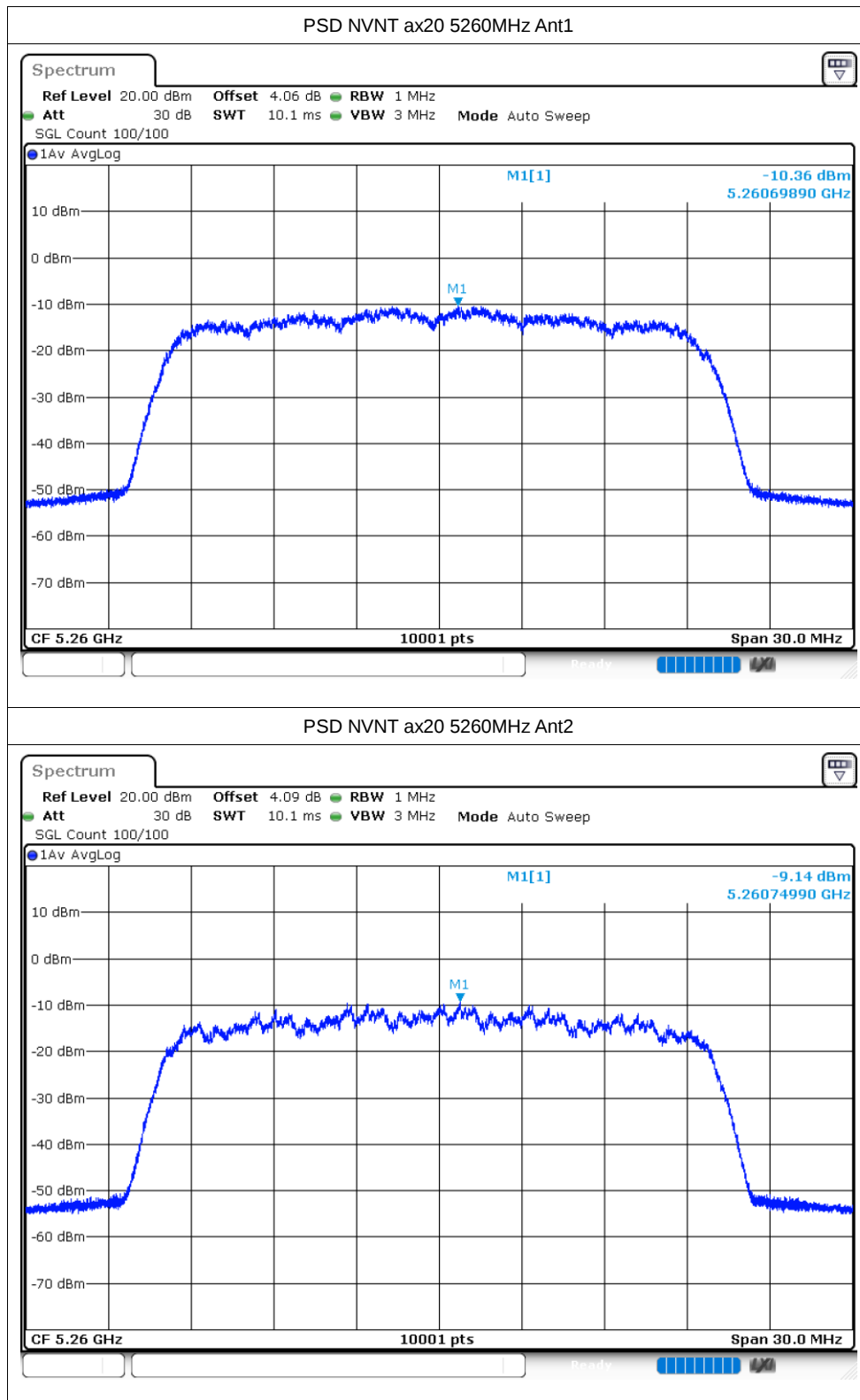


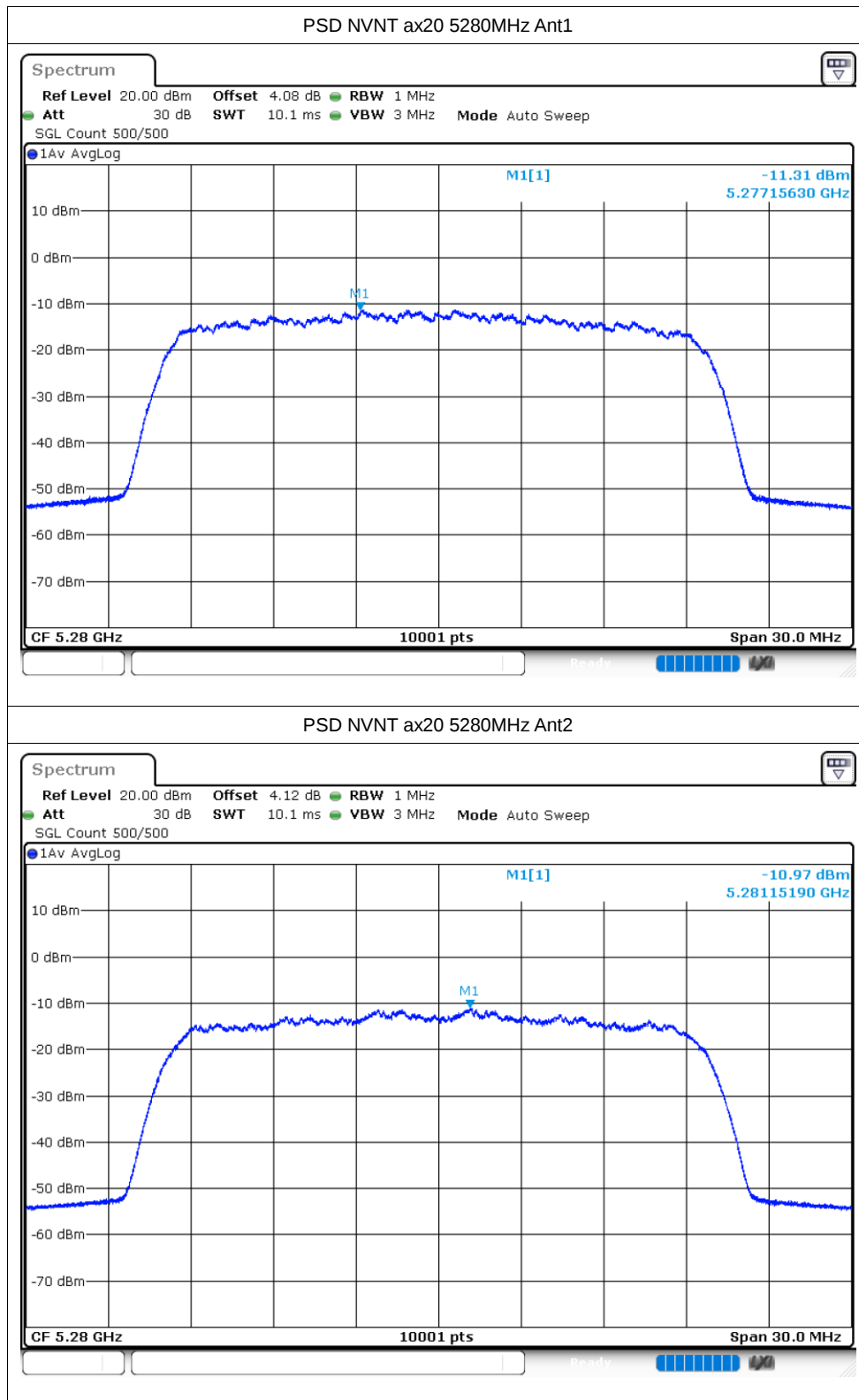


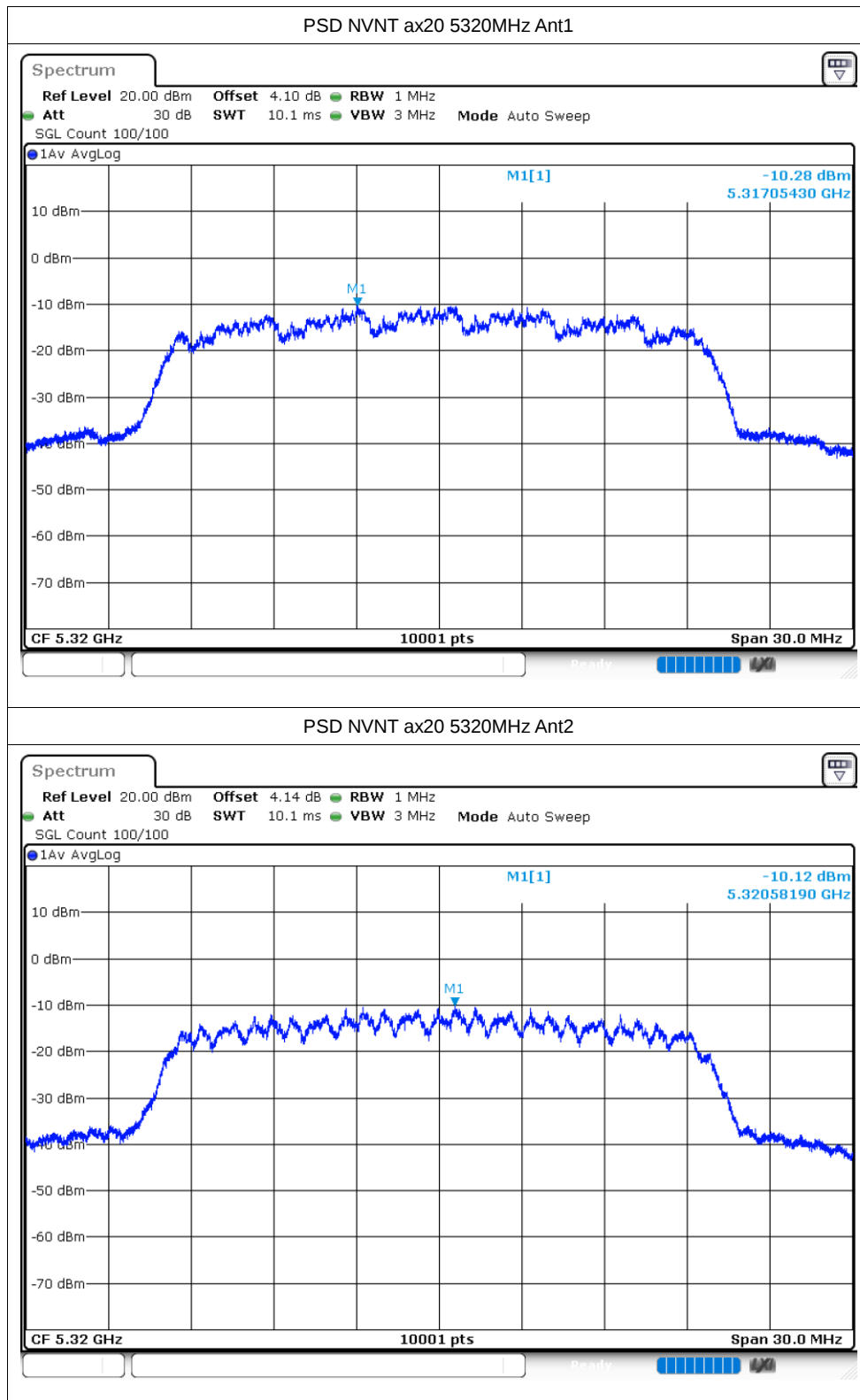


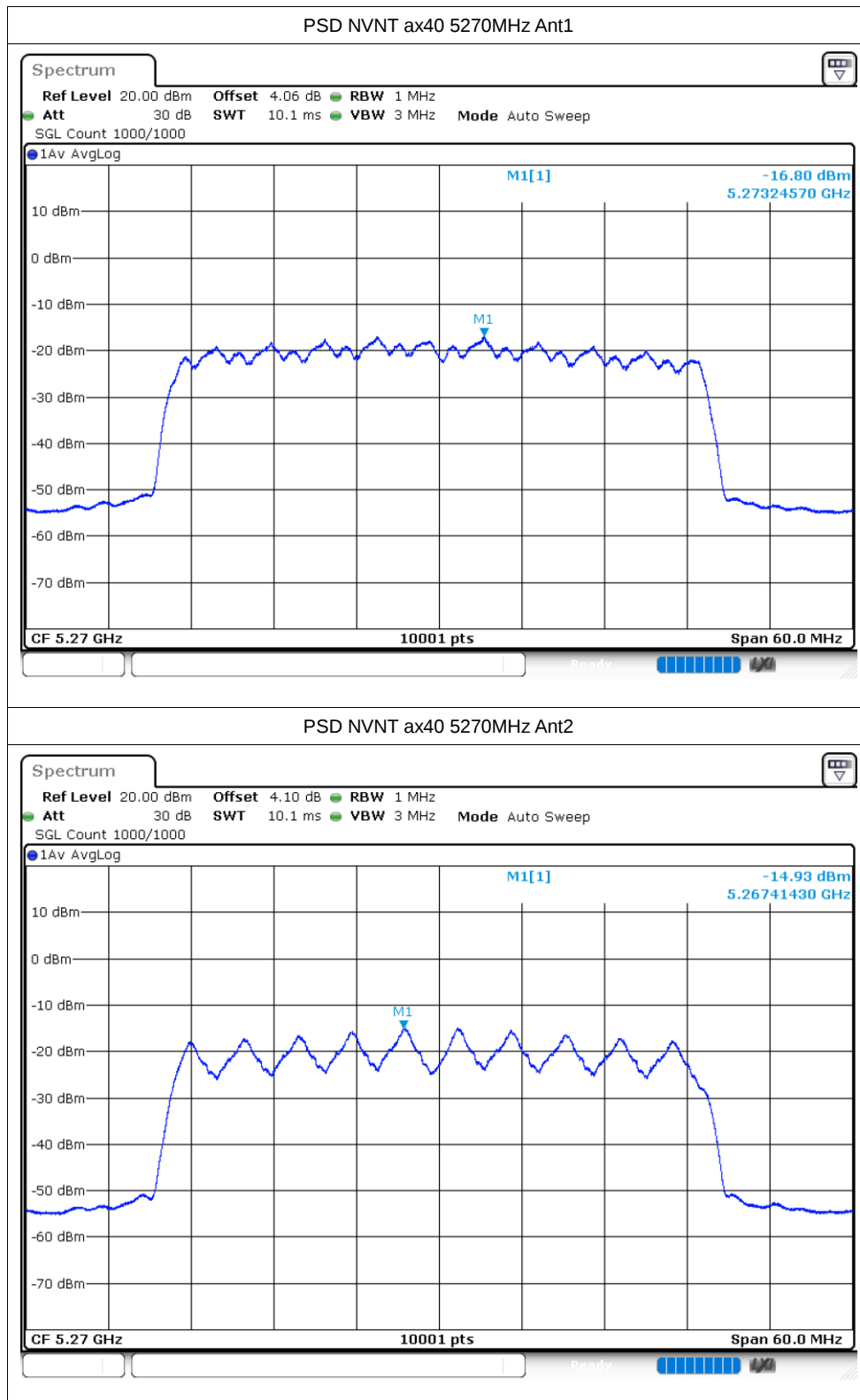


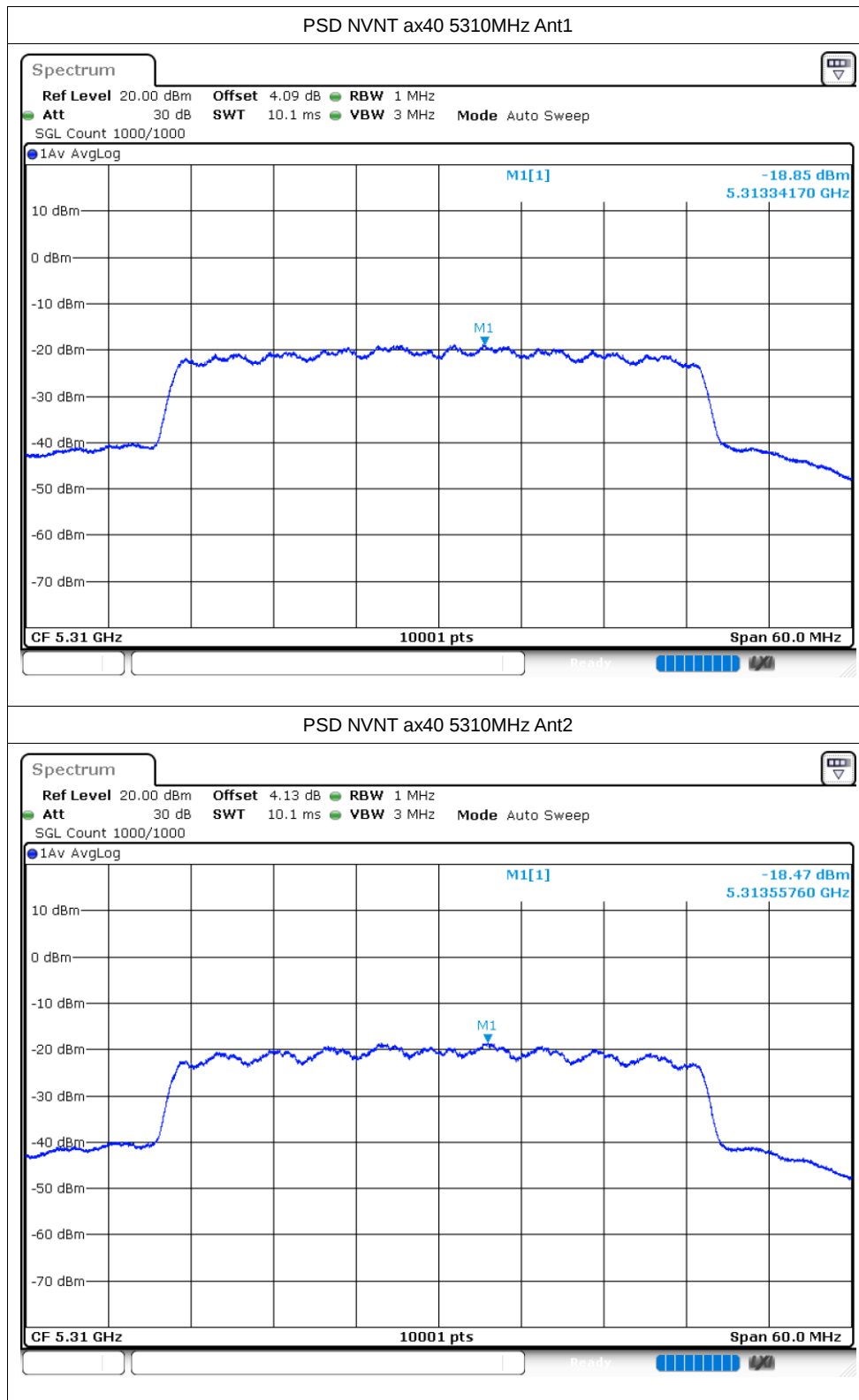


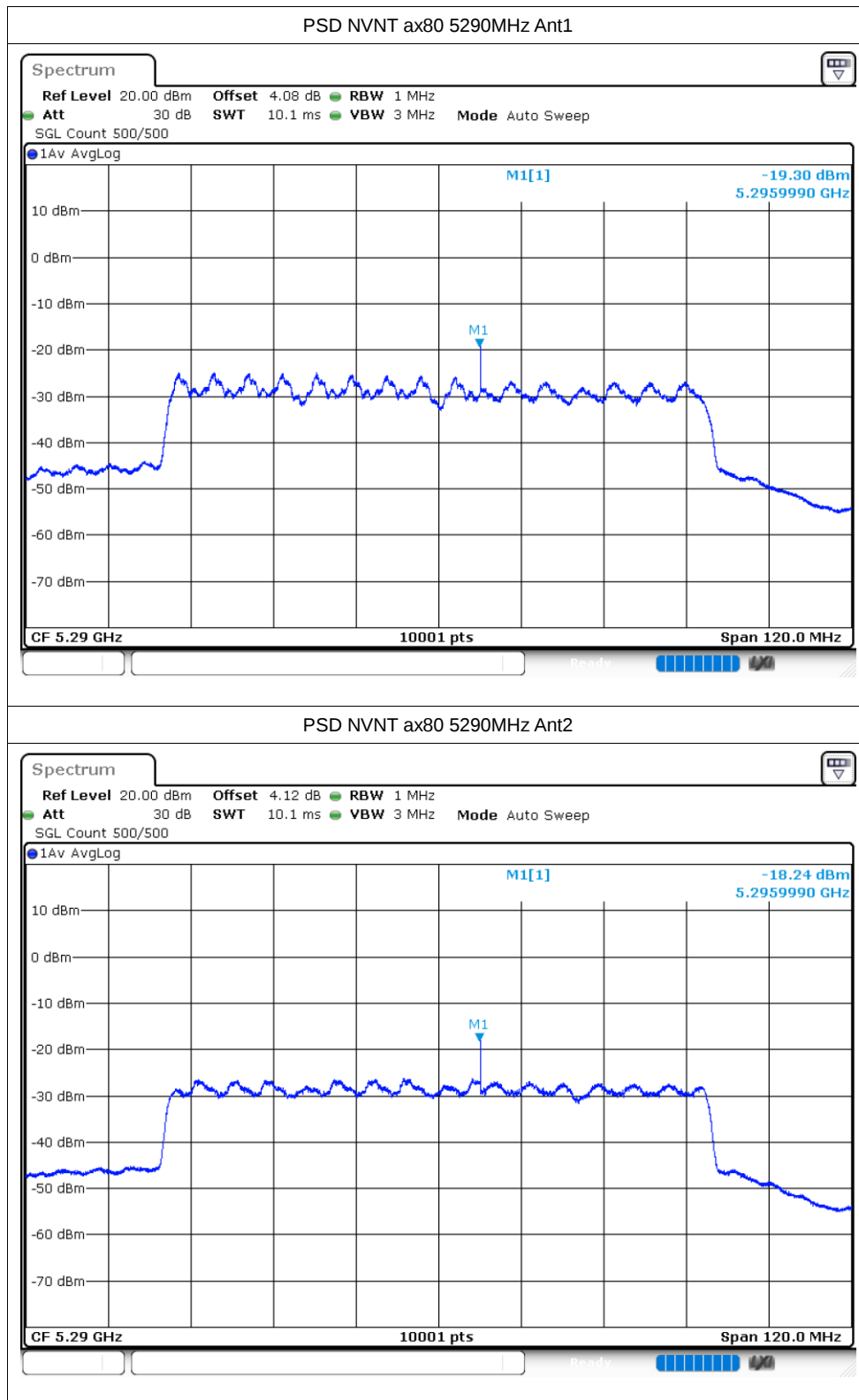


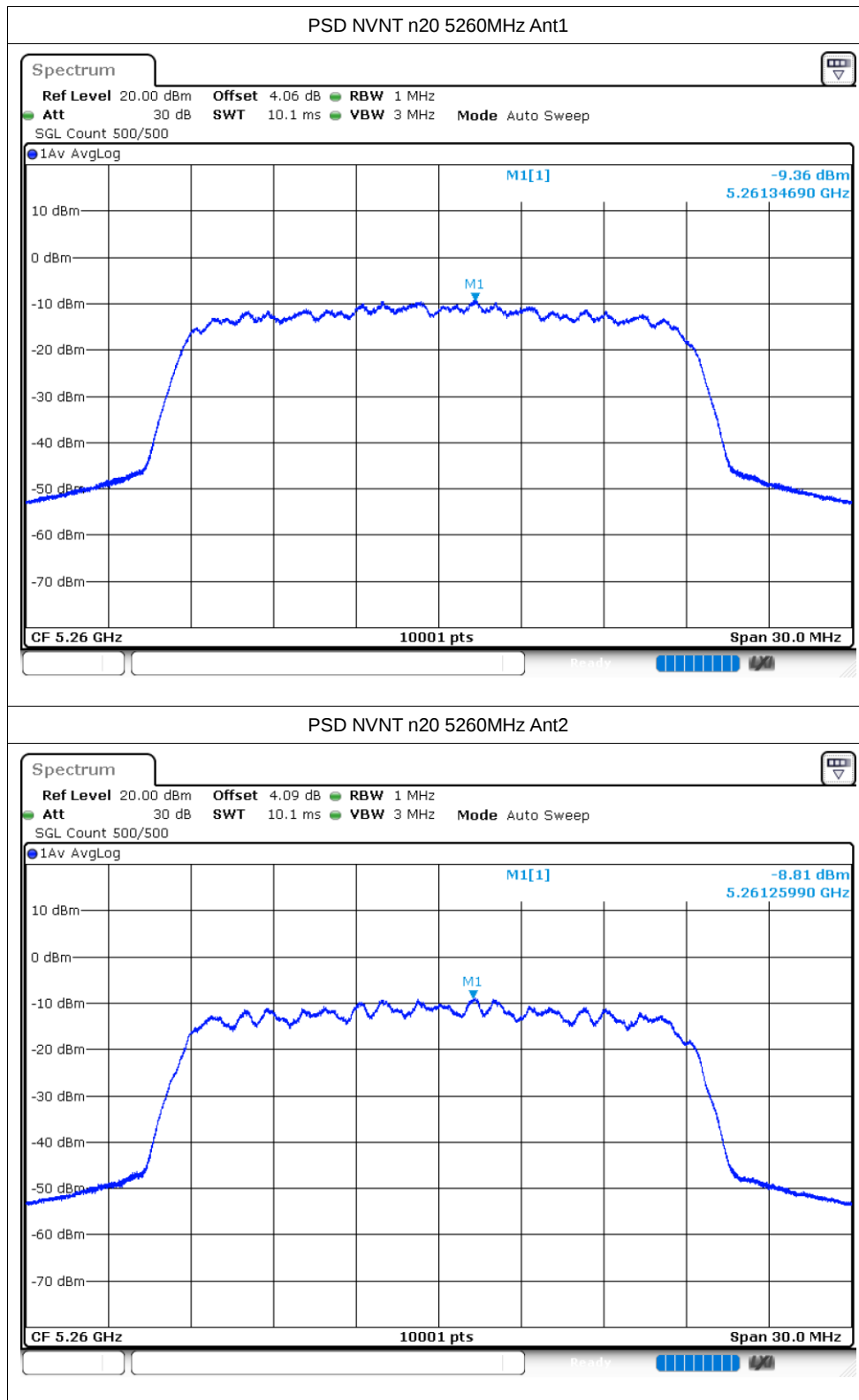


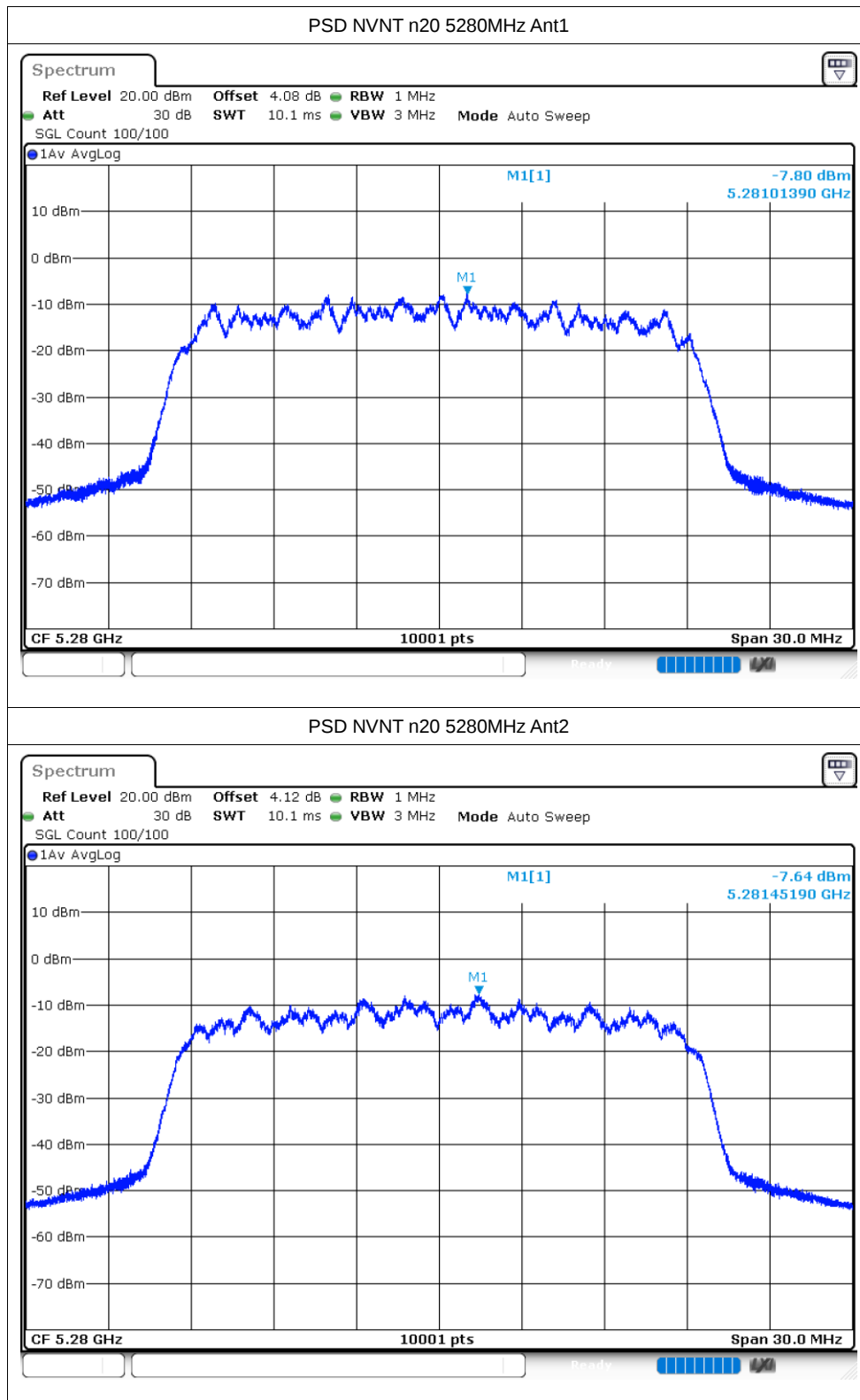


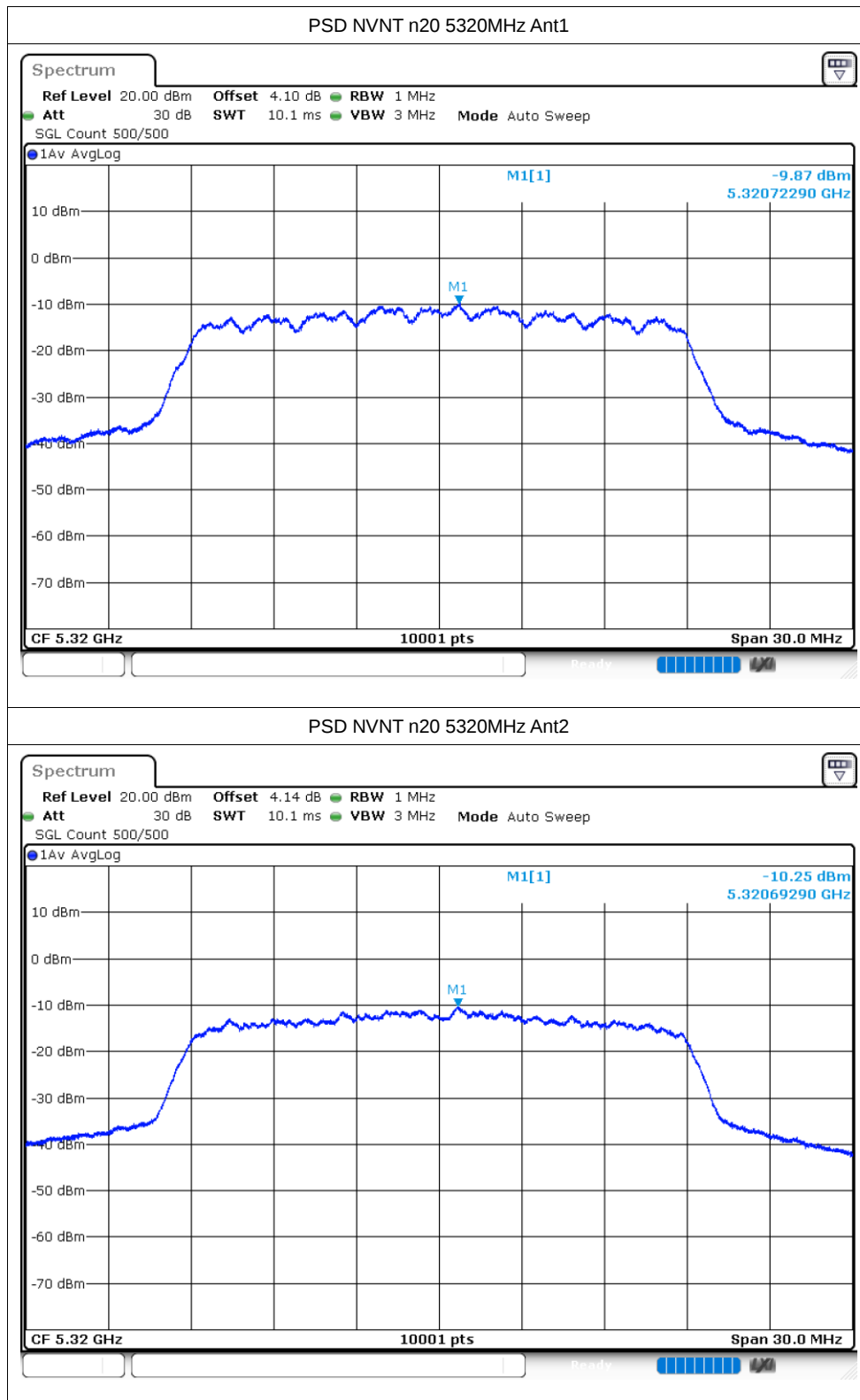


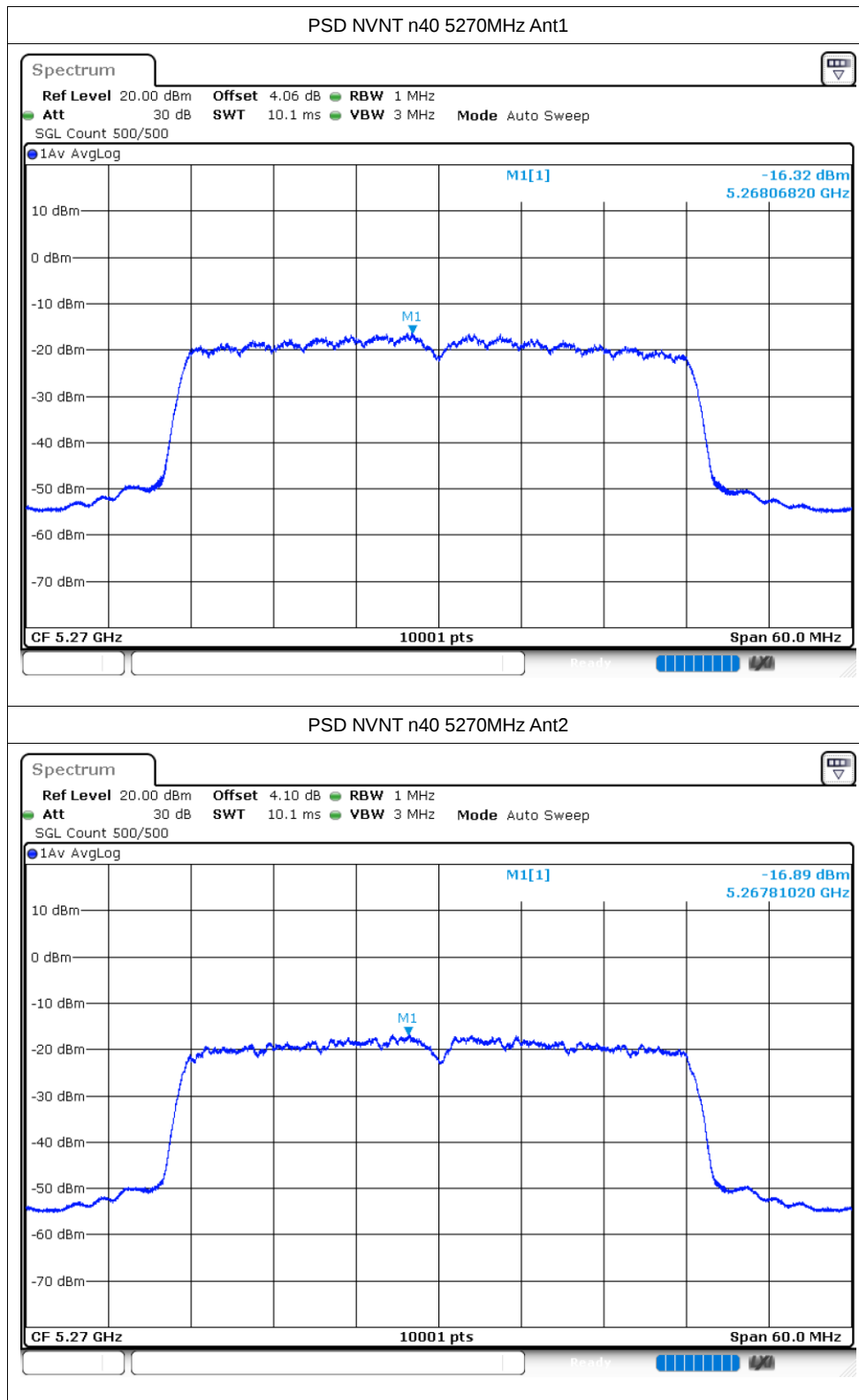


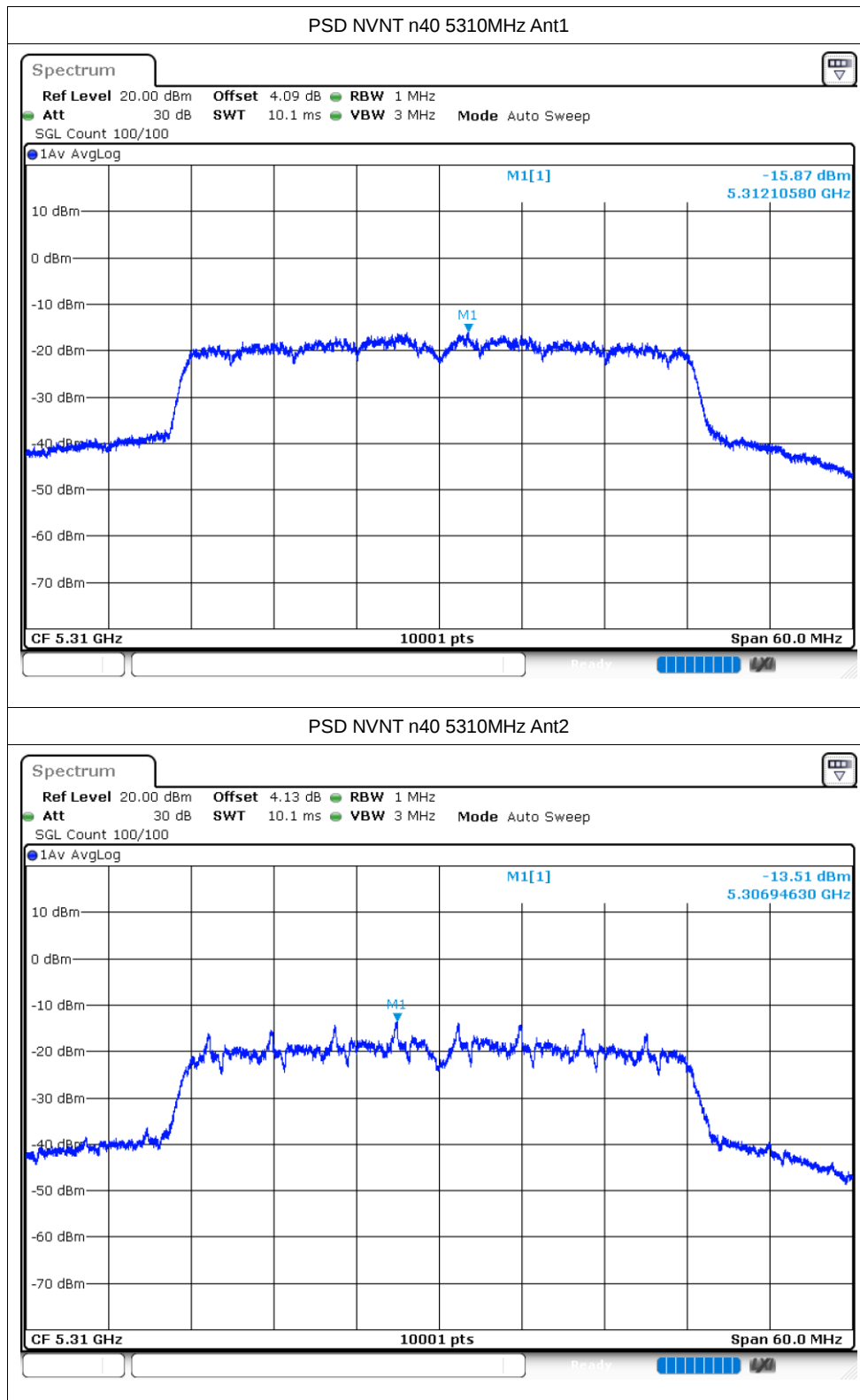










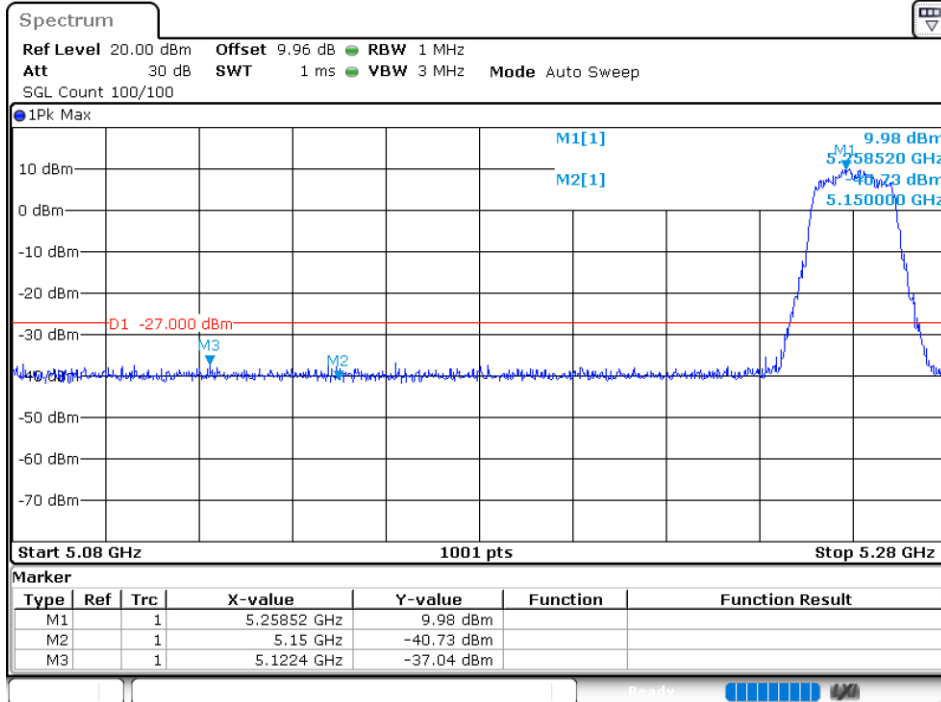


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5260	Ant1	-37.04	-27	Pass
NVNT	ac20	5260	Ant2	-36.7	-27	Pass
NVNT	ac20	5320	Ant1	-36.5	-27	Pass
NVNT	ac20	5320	Ant2	-40.25	-27	Pass
NVNT	ac40	5270	Ant1	-37.26	-27	Pass
NVNT	ac40	5270	Ant2	-37.26	-27	Pass
NVNT	ac40	5310	Ant1	-36.52	-27	Pass
NVNT	ac40	5310	Ant2	-40.12	-27	Pass
NVNT	ac80	5290	Ant1	-37.07	-27	Pass
NVNT	ac80	5290	Ant2	-36.11	-27	Pass
NVNT	ac80	5290	Ant1	-37.43	-27	Pass
NVNT	ac80	5290	Ant2	-36.32	-27	Pass
NVNT	ax20	5260	Ant1	-36.67	-27	Pass
NVNT	ax20	5260	Ant2	-36.58	-27	Pass
NVNT	ax20	5320	Ant1	-36.56	-27	Pass
NVNT	ax20	5320	Ant2	-36.65	-27	Pass
NVNT	ax40	5270	Ant1	-37.09	-27	Pass
NVNT	ax40	5270	Ant2	-37.35	-27	Pass
NVNT	ax40	5310	Ant1	-37.04	-27	Pass
NVNT	ax40	5310	Ant2	-36.66	-27	Pass
NVNT	ax80	5290	Ant1	-35.77	-27	Pass
NVNT	ax80	5290	Ant2	-36.21	-27	Pass
NVNT	ax80	5290	Ant1	-36.53	-27	Pass
NVNT	ax80	5290	Ant2	-36.35	-27	Pass
NVNT	n20	5260	Ant1	-36.88	-27	Pass
NVNT	n20	5260	Ant2	-36.75	-27	Pass
NVNT	n20	5320	Ant1	-36.43	-27	Pass
NVNT	n20	5320	Ant2	-40.82	-27	Pass
NVNT	n40	5270	Ant1	-36.04	-27	Pass
NVNT	n40	5270	Ant2	-37.19	-27	Pass
NVNT	n40	5310	Ant1	-36.49	-27	Pass
NVNT	n40	5310	Ant2	-40.65	-27	Pass

Test Graphs

Band Edge NVNT ac20 5260MHz Low Ant1



Band Edge NVNT ac20 5260MHz Low Ant2

