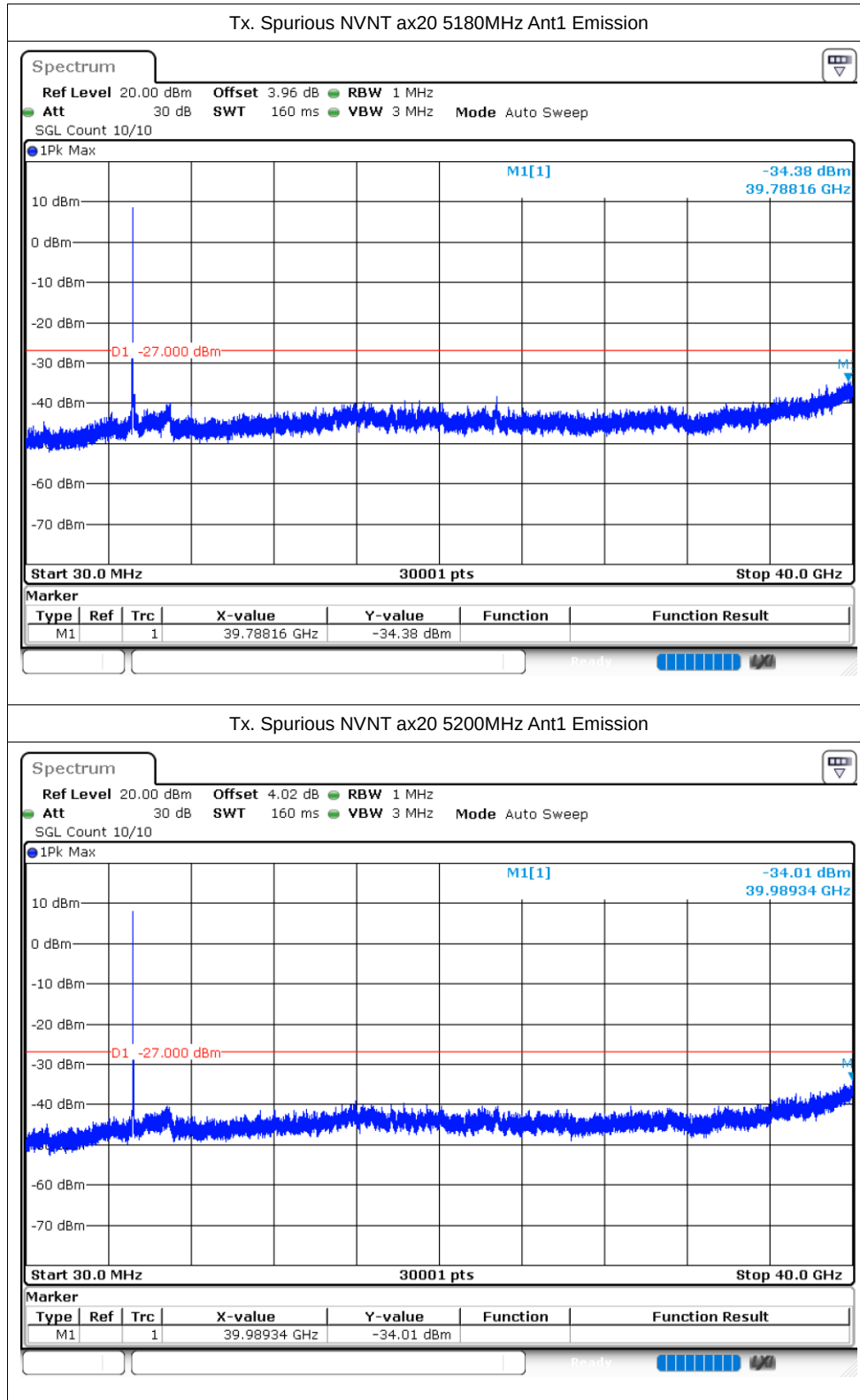
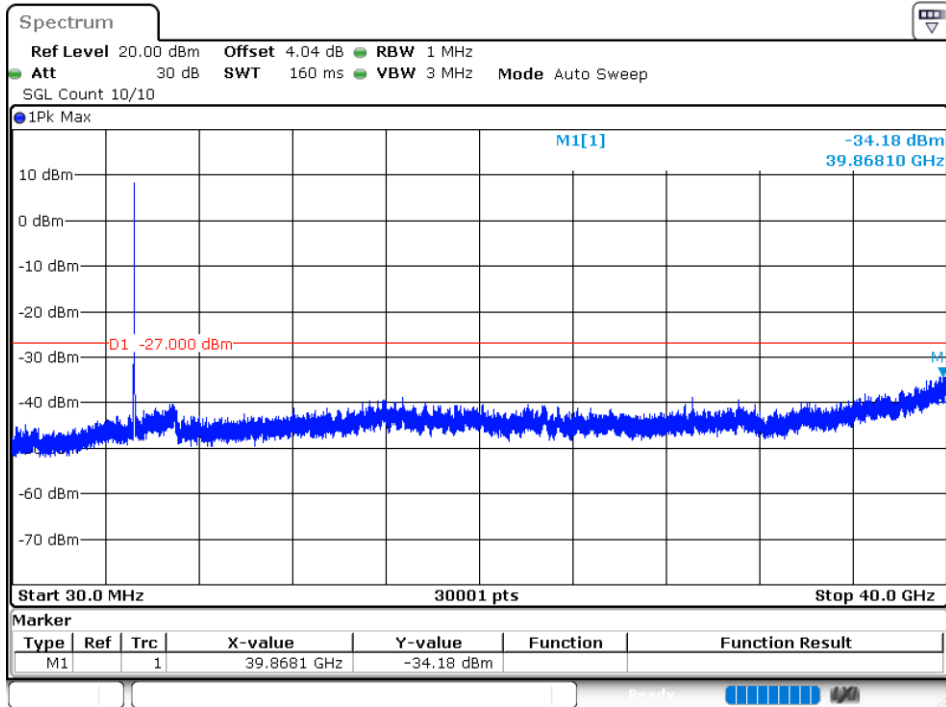
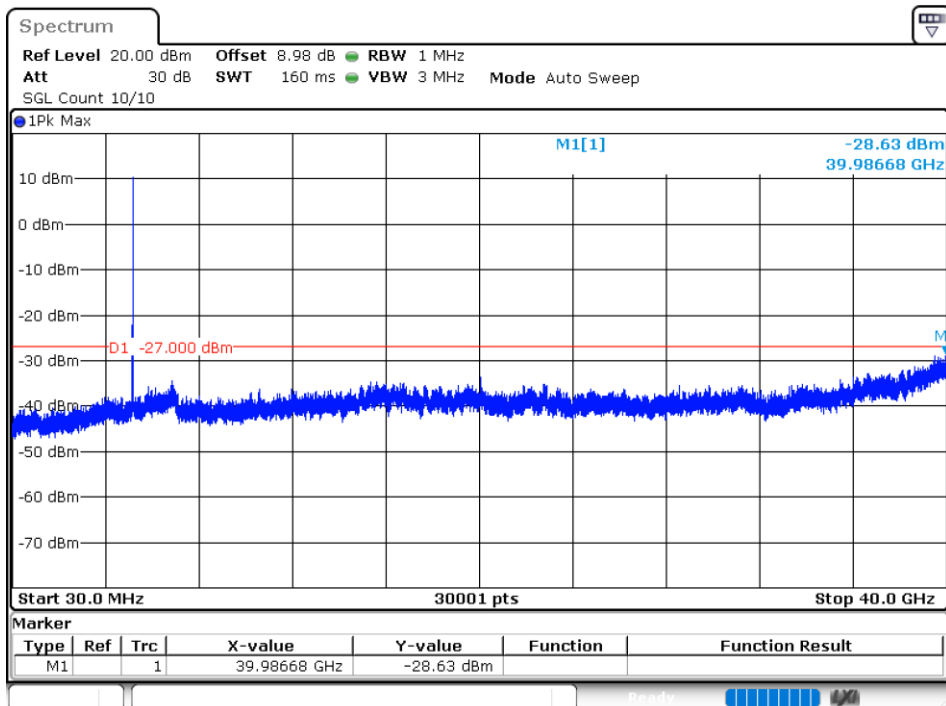




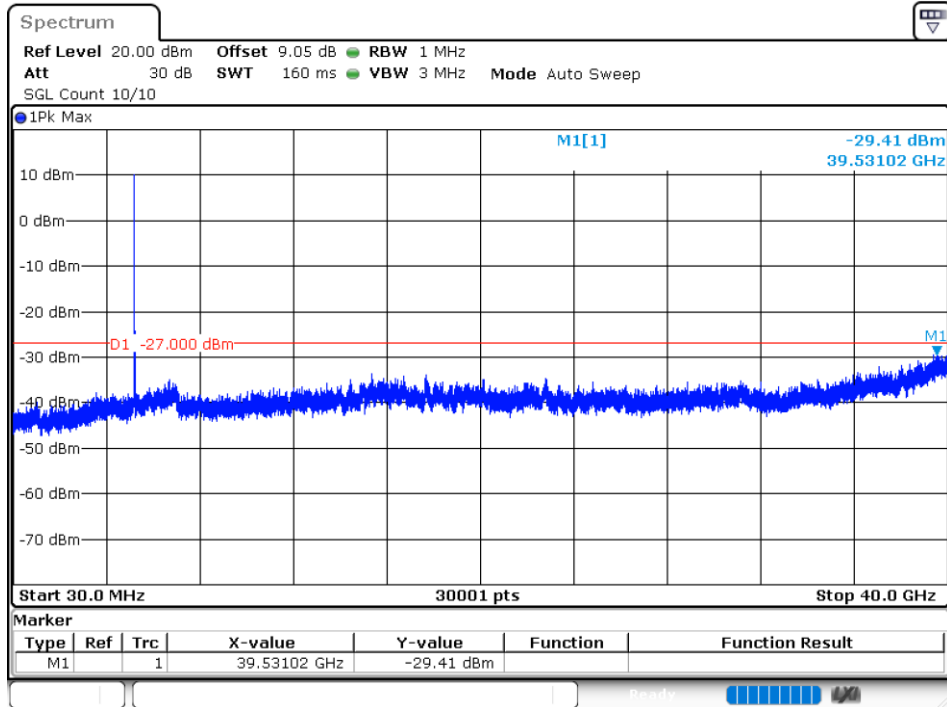
Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



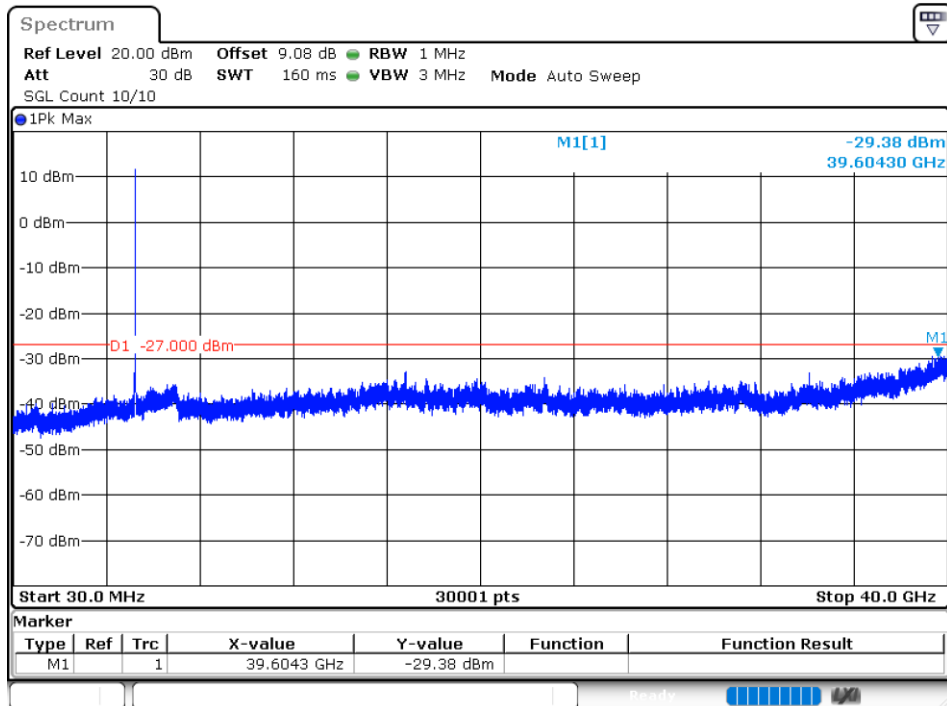
Tx. Spurious NVNT ax20 5180MHz Ant2 Emission

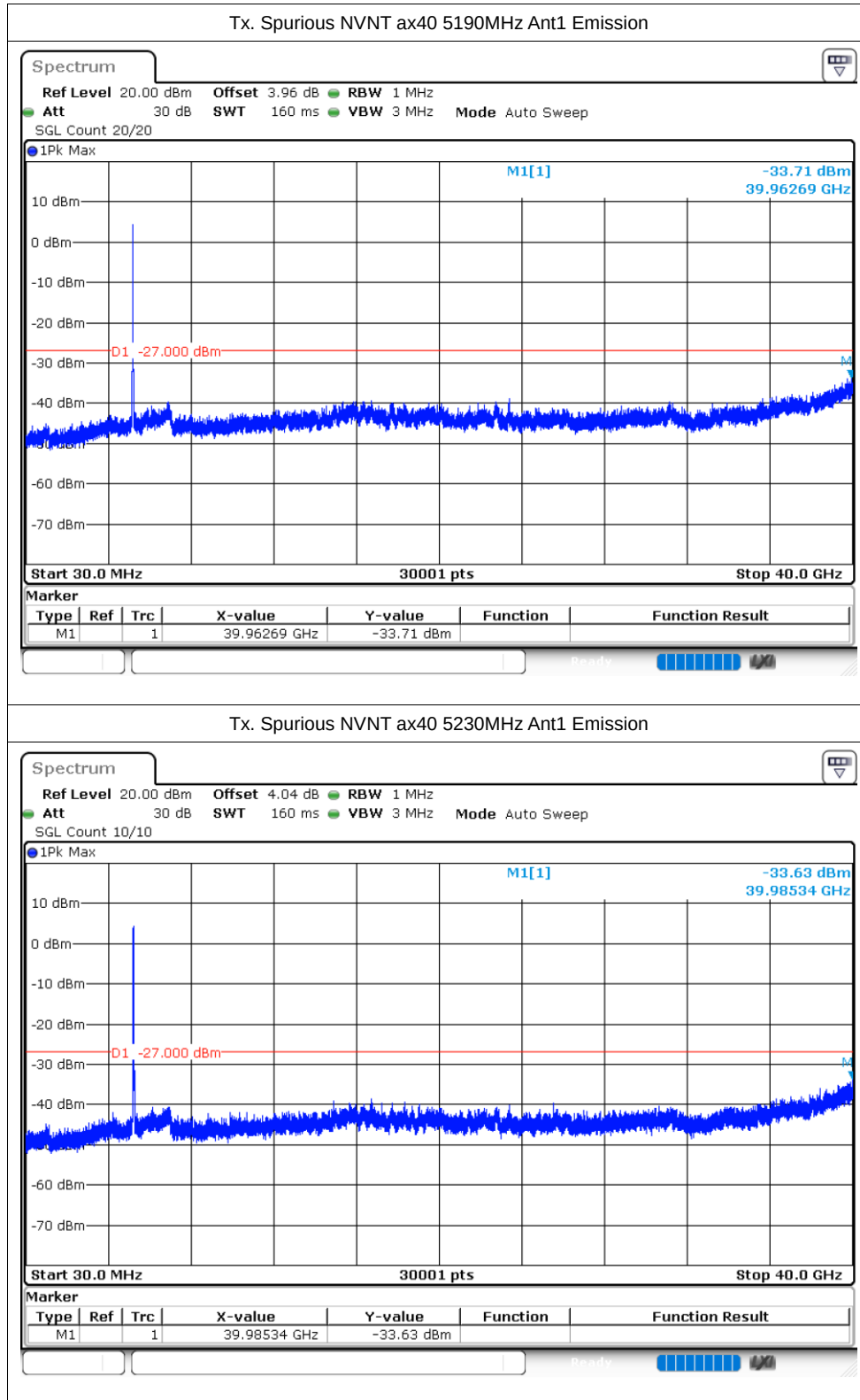


Tx. Spurious NVNT ax20 5200MHz Ant2 Emission

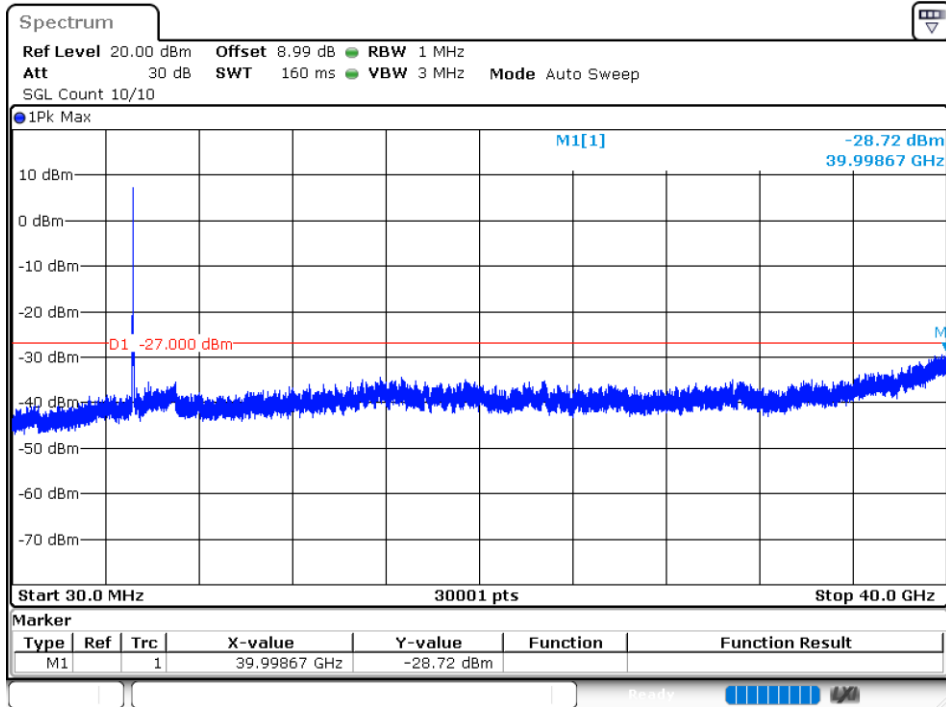


Tx. Spurious NVNT ax20 5240MHz Ant2 Emission

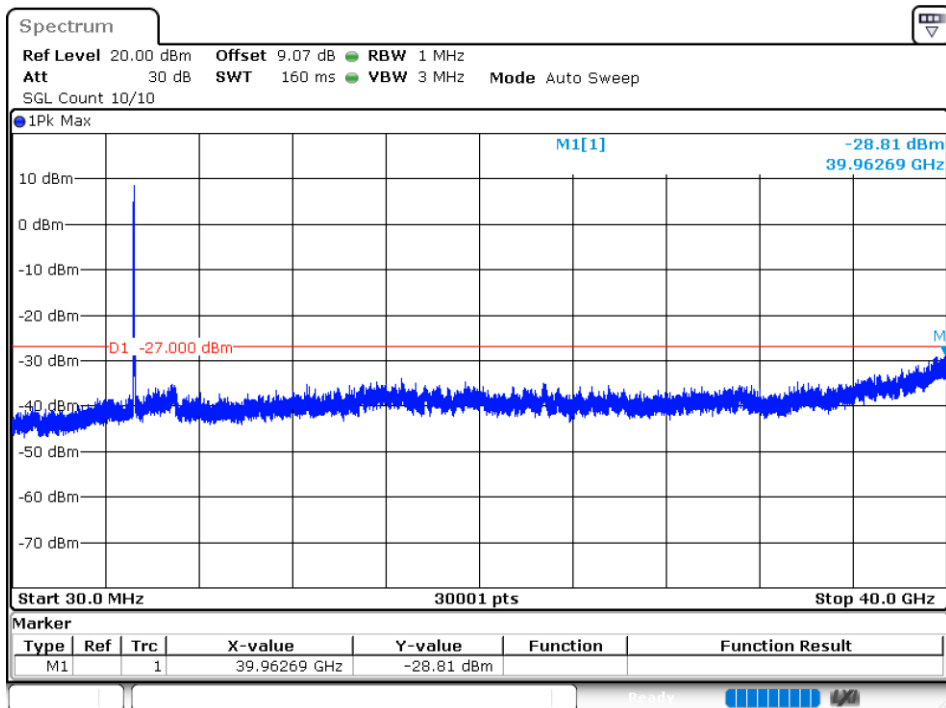


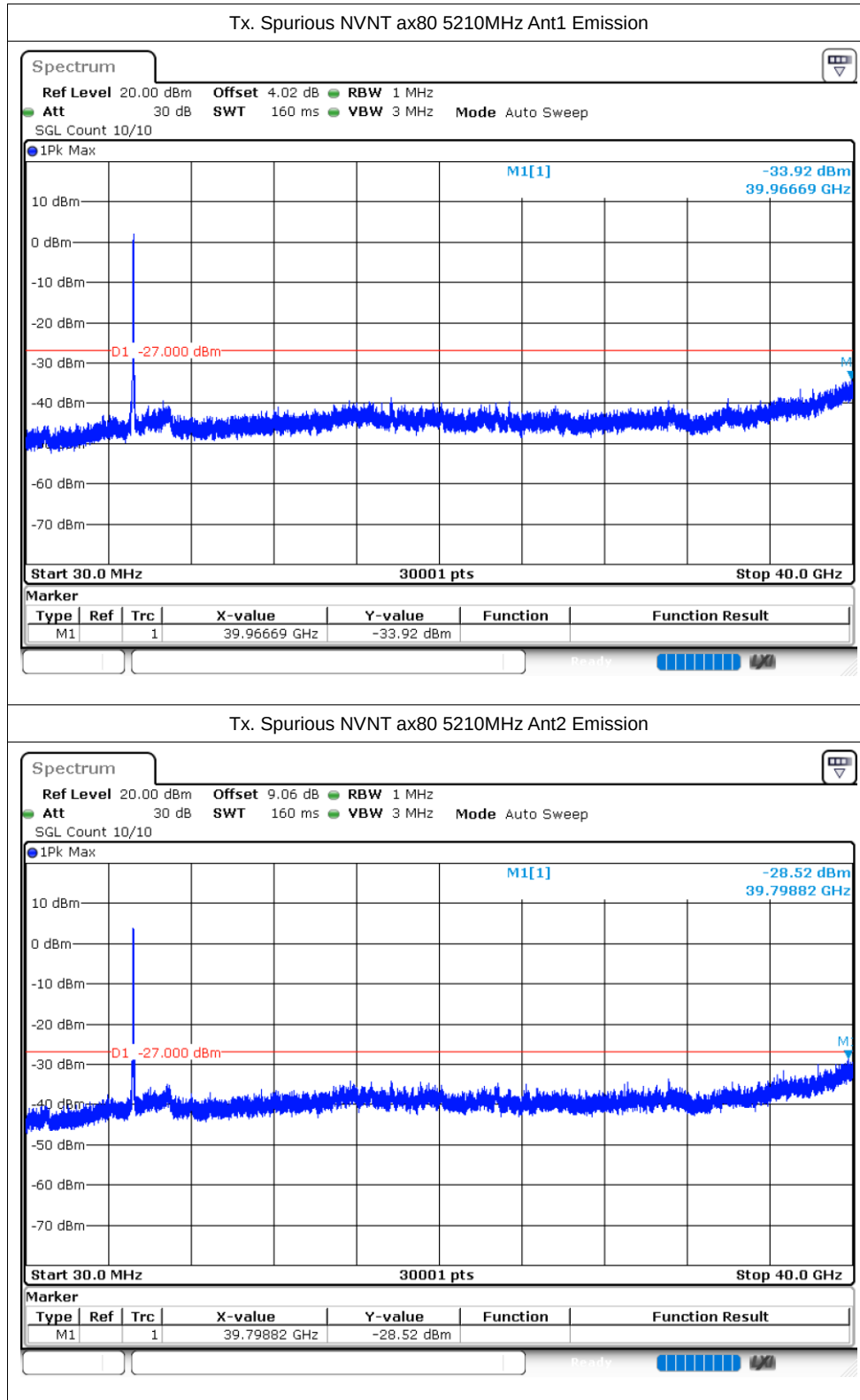


Tx. Spurious NVNT ax40 5190MHz Ant2 Emission



Tx. Spurious NVNT ax40 5230MHz Ant2 Emission





WIFI 5.2G MIMO

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	7.45	21.82	Pass
NVNT	ac20	5180	Ant2	6.65	21.82	Pass
NVNT	ac20	5180	Sum	10.08	21.82	Pass
NVNT	ac20	5200	Ant1	7.66	21.82	Pass
NVNT	ac20	5200	Ant2	6.58	21.82	Pass
NVNT	ac20	5200	Sum	10.16	21.82	Pass
NVNT	ac20	5240	Ant1	7.38	21.82	Pass
NVNT	ac20	5240	Ant2	6.42	21.82	Pass
NVNT	ac20	5240	Sum	9.94	21.82	Pass
NVNT	ac40	5190	Ant1	7.62	21.82	Pass
NVNT	ac40	5190	Ant2	6.22	21.82	Pass
NVNT	ac40	5190	Sum	9.99	21.82	Pass
NVNT	ac40	5230	Ant1	8.03	21.82	Pass
NVNT	ac40	5230	Ant2	6.29	21.82	Pass
NVNT	ac40	5230	Sum	10.26	21.82	Pass
NVNT	ac80	5210	Ant1	7.51	21.82	Pass
NVNT	ac80	5210	Ant2	6.65	21.82	Pass
NVNT	ac80	5210	Sum	10.11	21.82	Pass
NVNT	ax20	5180	Ant1	7.35	21.82	Pass
NVNT	ax20	5180	Ant2	6.72	21.82	Pass
NVNT	ax20	5180	Sum	10.06	21.82	Pass
NVNT	ax20	5200	Ant1	7.15	21.82	Pass
NVNT	ax20	5200	Ant2	6.4	21.82	Pass
NVNT	ax20	5200	Sum	9.8	21.82	Pass
NVNT	ax20	5240	Ant1	7.78	21.82	Pass
NVNT	ax20	5240	Ant2	6.7	21.82	Pass
NVNT	ax20	5240	Sum	10.28	21.82	Pass
NVNT	ax40	5190	Ant1	7.85	21.82	Pass
NVNT	ax40	5190	Ant2	6.46	21.82	Pass
NVNT	ax40	5190	Sum	10.22	21.82	Pass
NVNT	ax40	5230	Ant1	8.12	21.82	Pass
NVNT	ax40	5230	Ant2	6.47	21.82	Pass
NVNT	ax40	5230	Sum	10.38	21.82	Pass
NVNT	ax80	5210	Ant1	7.8	21.82	Pass
NVNT	ax80	5210	Ant2	6.78	21.82	Pass
NVNT	ax80	5210	Sum	10.33	21.82	Pass
NVNT	n20	5180	Ant1	7.24	21.82	Pass

NVNT	n20	5180	Ant2	6.48	21.82	Pass
NVNT	n20	5180	Sum	9.89	21.82	Pass
NVNT	n20	5200	Ant1	7.39	21.82	Pass
NVNT	n20	5200	Ant2	6.49	21.82	Pass
NVNT	n20	5200	Sum	9.97	21.82	Pass
NVNT	n20	5240	Ant1	7.47	21.82	Pass
NVNT	n20	5240	Ant2	6.45	21.82	Pass
NVNT	n20	5240	Sum	10	21.82	Pass
NVNT	n40	5190	Ant1	7.51	21.82	Pass
NVNT	n40	5190	Ant2	6.32	21.82	Pass
NVNT	n40	5190	Sum	9.97	21.82	Pass
NVNT	n40	5230	Ant1	7.65	21.82	Pass
NVNT	n40	5230	Ant2	6.36	21.82	Pass
NVNT	n40	5230	Sum	10.06	21.82	Pass

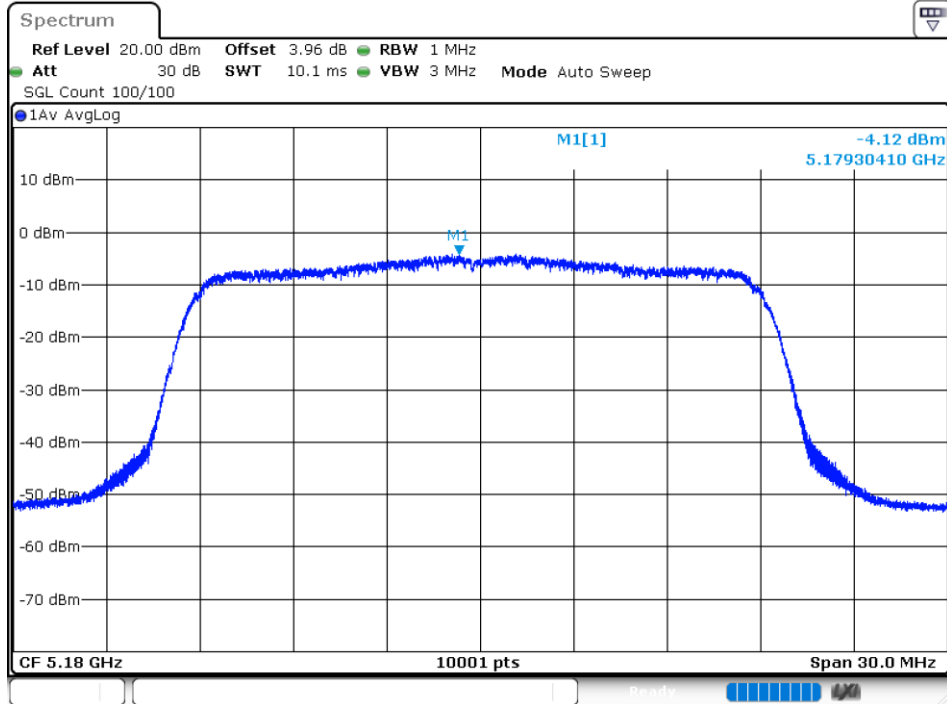
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	-4.12	0.01	-4.11	5.73	Pass
NVNT	ac20	5180	Ant2	-6.26	0.01	-6.25	5.73	Pass
NVNT	ac20	5180	Sum	-2.05	0.01	-2.04	5.73	Pass
NVNT	ac20	5200	Ant1	-4.68	0.01	-4.67	5.73	Pass
NVNT	ac20	5200	Ant2	-6.15	0.01	-6.14	5.73	Pass
NVNT	ac20	5200	Sum	-2.34	0.01	-2.33	5.73	Pass
NVNT	ac20	5240	Ant1	-4.11	0.29	-3.82	5.73	Pass
NVNT	ac20	5240	Ant2	-5.75	0.29	-5.46	5.73	Pass
NVNT	ac20	5240	Sum	-1.84	0.29	-1.55	5.73	Pass
NVNT	ac40	5190	Ant1	-8.32	0.03	-8.29	5.73	Pass
NVNT	ac40	5190	Ant2	-10.39	0.03	-10.36	5.73	Pass
NVNT	ac40	5190	Sum	-6.22	0.03	-6.19	5.73	Pass
NVNT	ac40	5230	Ant1	-8.09	0.03	-8.06	5.73	Pass
NVNT	ac40	5230	Ant2	-10.25	0.03	-10.22	5.73	Pass
NVNT	ac40	5230	Sum	-6.03	0.03	-6	5.73	Pass
NVNT	ac80	5210	Ant1	-11.39	0.02	-11.37	5.73	Pass
NVNT	ac80	5210	Ant2	-12.75	0.02	-12.73	5.73	Pass
NVNT	ac80	5210	Sum	-9.01	0.02	-8.99	5.73	Pass
NVNT	ax20	5180	Ant1	-4.13	0.01	-4.12	5.73	Pass
NVNT	ax20	5180	Ant2	-6.28	0.01	-6.27	5.73	Pass
NVNT	ax20	5180	Sum	-2.06	0.01	-2.05	5.73	Pass
NVNT	ax20	5200	Ant1	-4.98	0.01	-4.97	5.73	Pass
NVNT	ax20	5200	Ant2	-6.58	0.01	-6.57	5.73	Pass
NVNT	ax20	5200	Sum	-2.7	0.01	-2.69	5.73	Pass
NVNT	ax20	5240	Ant1	-4.27	0.01	-4.26	5.73	Pass
NVNT	ax20	5240	Ant2	-5.84	0.01	-5.83	5.73	Pass
NVNT	ax20	5240	Sum	-1.97	0.01	-1.96	5.73	Pass
NVNT	ax40	5190	Ant1	-8.38	0.06	-8.32	5.73	Pass
NVNT	ax40	5190	Ant2	-10.31	0.06	-10.25	5.73	Pass
NVNT	ax40	5190	Sum	-6.23	0.06	-6.17	5.73	Pass
NVNT	ax40	5230	Ant1	-7.88	0.06	-7.82	5.73	Pass
NVNT	ax40	5230	Ant2	-9.68	0.06	-9.62	5.73	Pass
NVNT	ax40	5230	Sum	-5.68	0.06	-5.62	5.73	Pass
NVNT	ax80	5210	Ant1	-12.69	0.17	-12.52	5.73	Pass
NVNT	ax80	5210	Ant2	-15.18	0.17	-15.01	5.73	Pass
NVNT	ax80	5210	Sum	-10.75	0.17	-10.58	5.73	Pass
NVNT	n20	5180	Ant1	-4.21	0.02	-4.19	5.73	Pass
NVNT	n20	5180	Ant2	-6.26	0.02	-6.24	5.73	Pass
NVNT	n20	5180	Sum	-2.1	0.02	-2.08	5.73	Pass
NVNT	n20	5200	Ant1	-4.67	0.02	-4.65	5.73	Pass
NVNT	n20	5200	Ant2	-6.36	0.02	-6.34	5.73	Pass

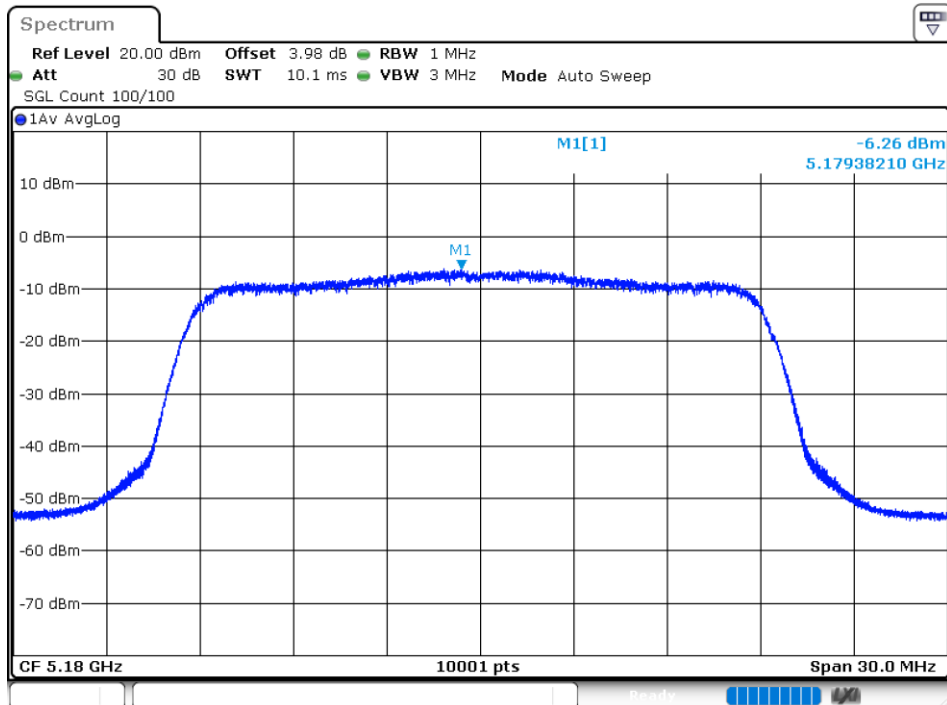
NVNT	n20	5200	Sum	-2.42	0.02	-2.4	5.73	Pass
NVNT	n20	5240	Ant1	-4.18	0.02	-4.16	5.73	Pass
NVNT	n20	5240	Ant2	-5.69	0.02	-5.67	5.73	Pass
NVNT	n20	5240	Sum	-1.86	0.02	-1.84	5.73	Pass
NVNT	n40	5190	Ant1	-7.96	0.03	-7.93	5.73	Pass
NVNT	n40	5190	Ant2	-10.7	0.03	-10.67	5.73	Pass
NVNT	n40	5190	Sum	-6.11	0.03	-6.08	5.73	Pass
NVNT	n40	5230	Ant1	-8.71	0.03	-8.68	5.73	Pass
NVNT	n40	5230	Ant2	-10.74	0.03	-10.71	5.73	Pass
NVNT	n40	5230	Sum	-6.6	0.03	-6.57	5.73	Pass

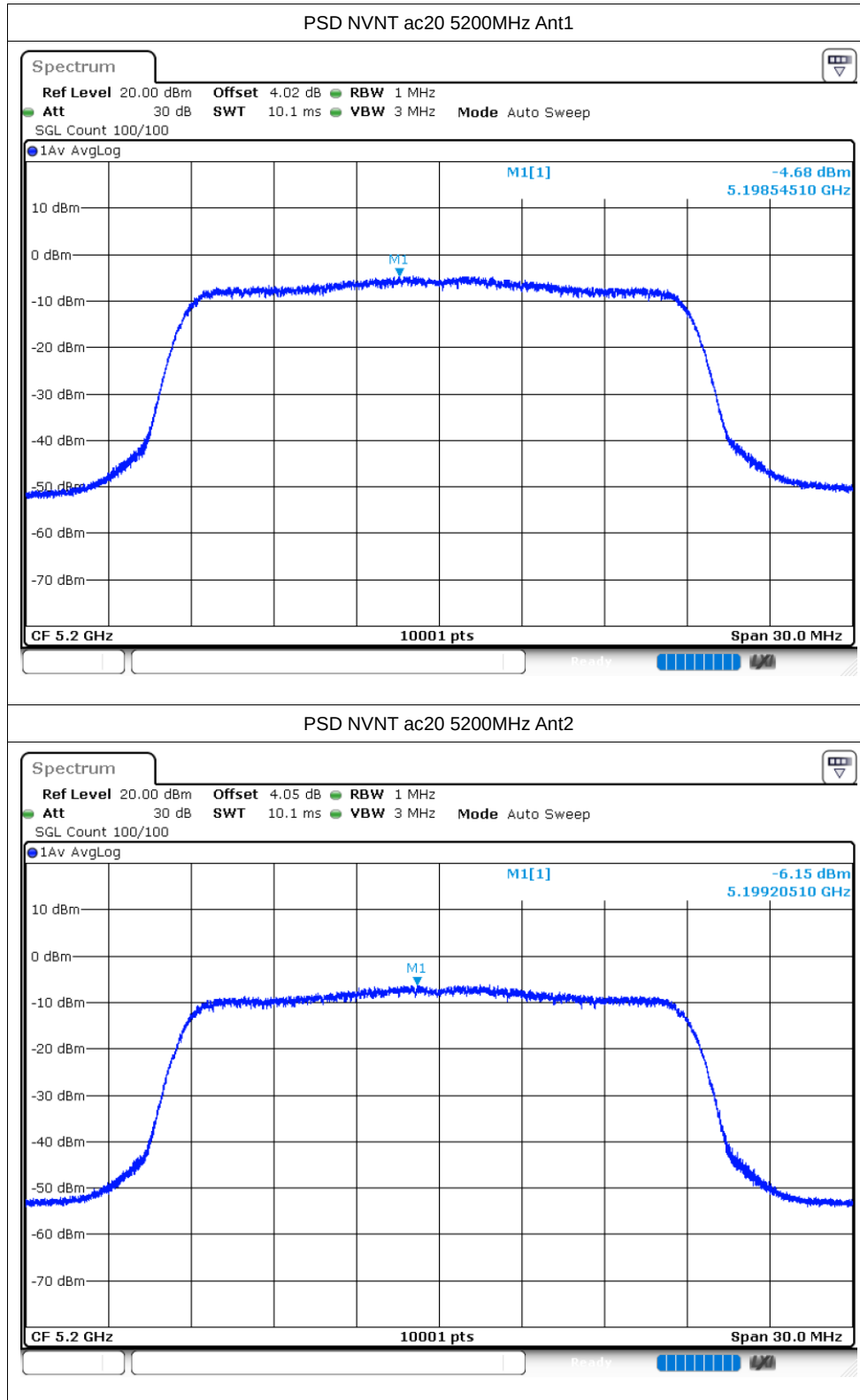
Test Graphs

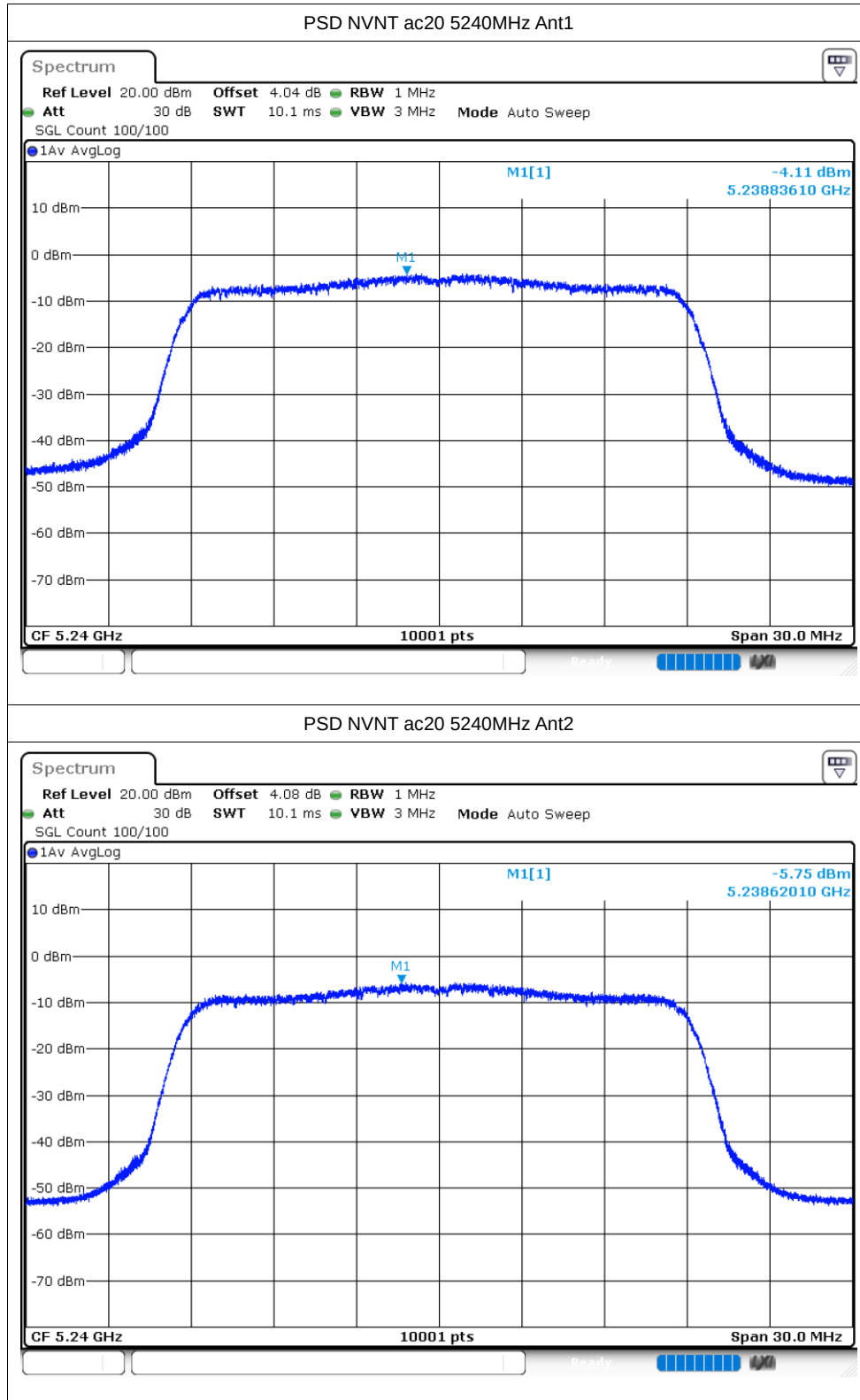
PSD NVNT ac20 5180MHz Ant1

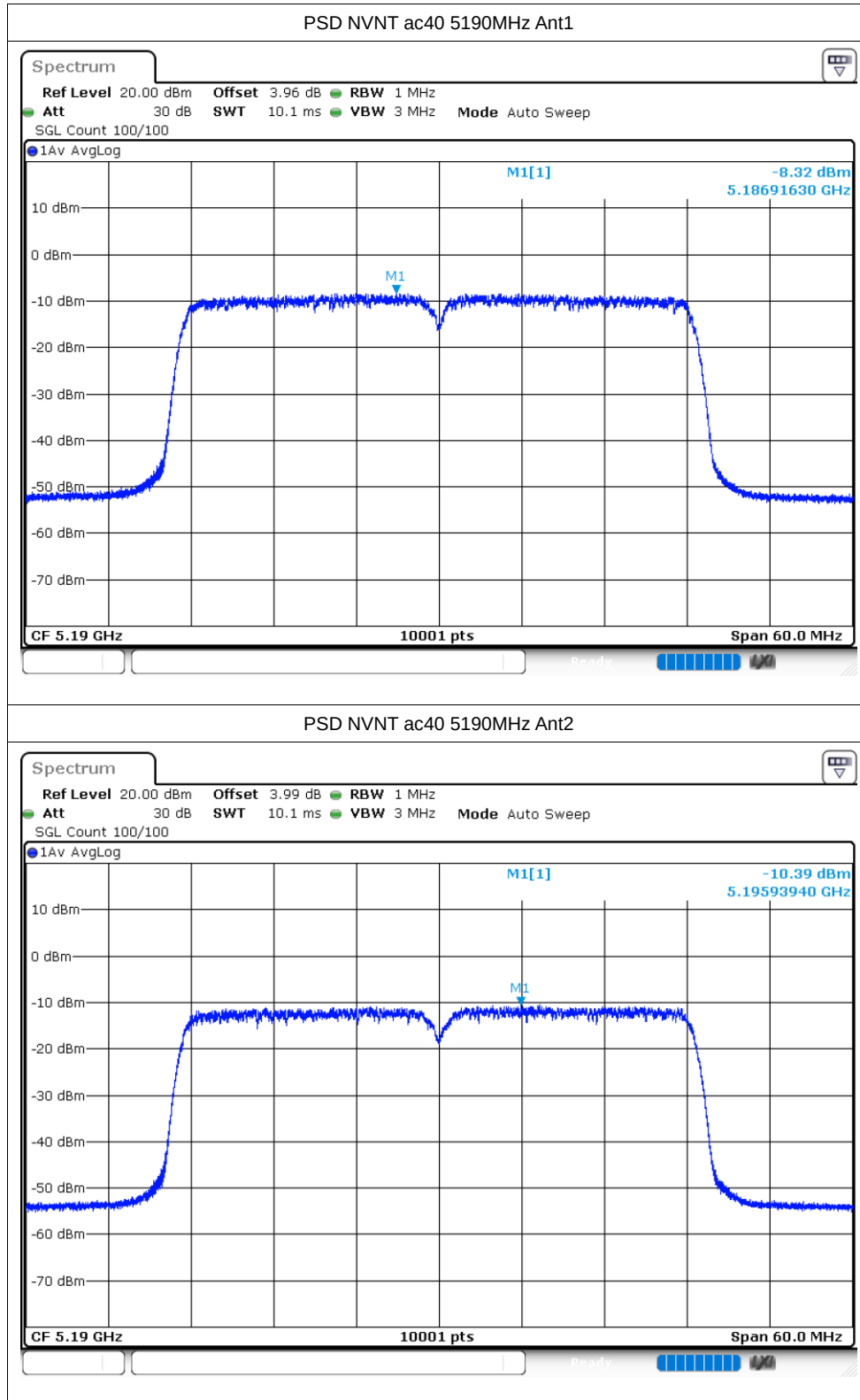


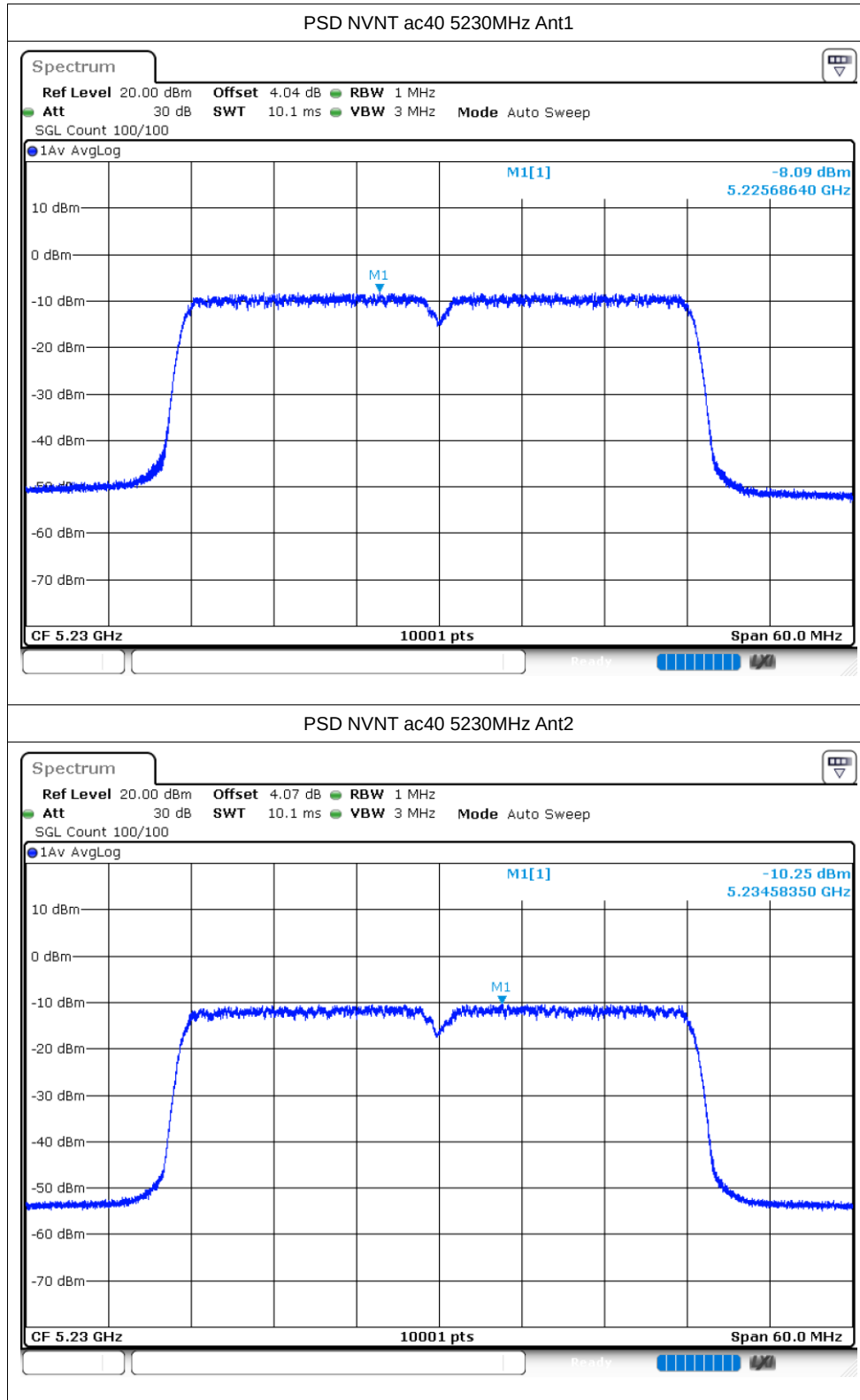
PSD NVNT ac20 5180MHz Ant2

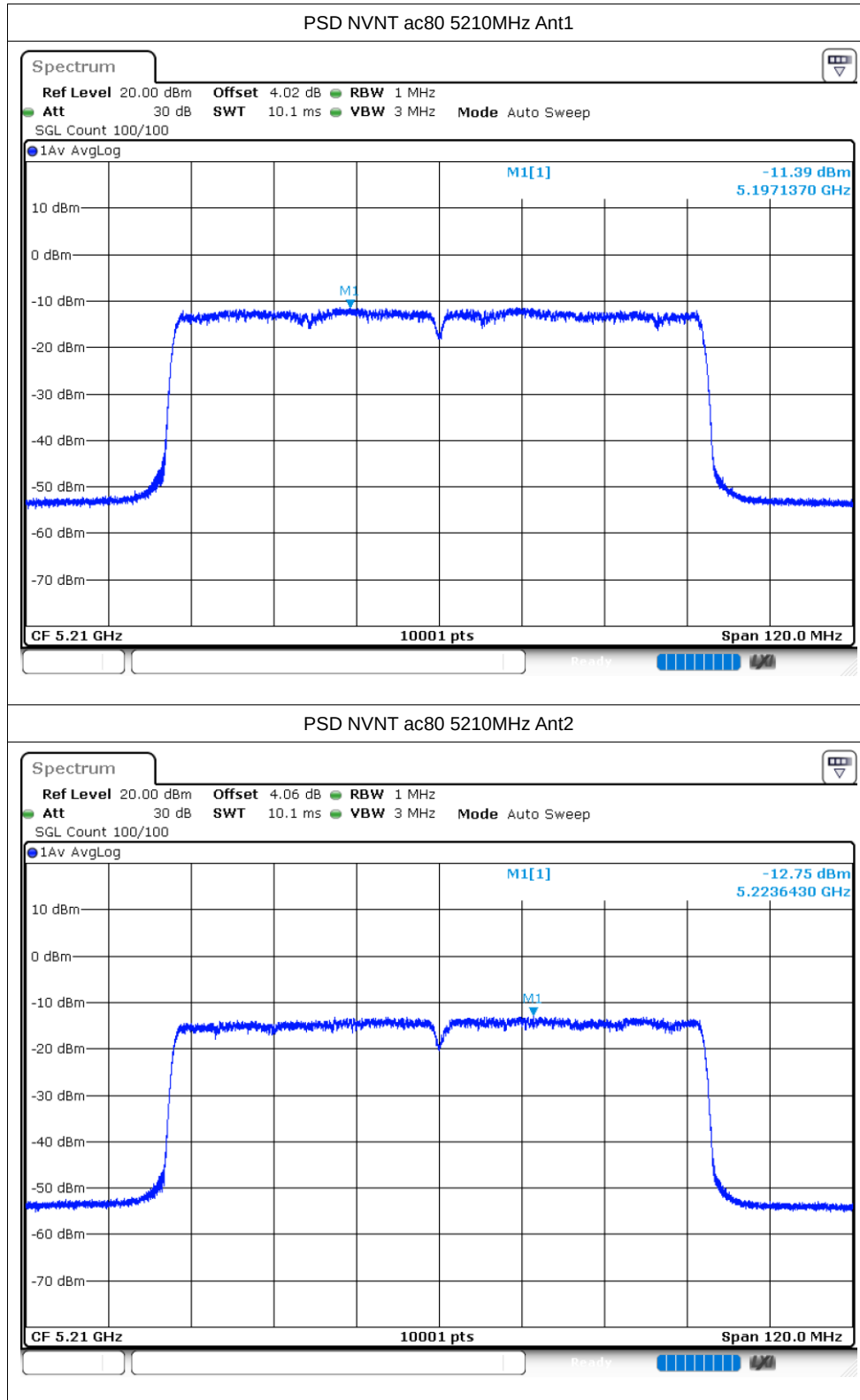


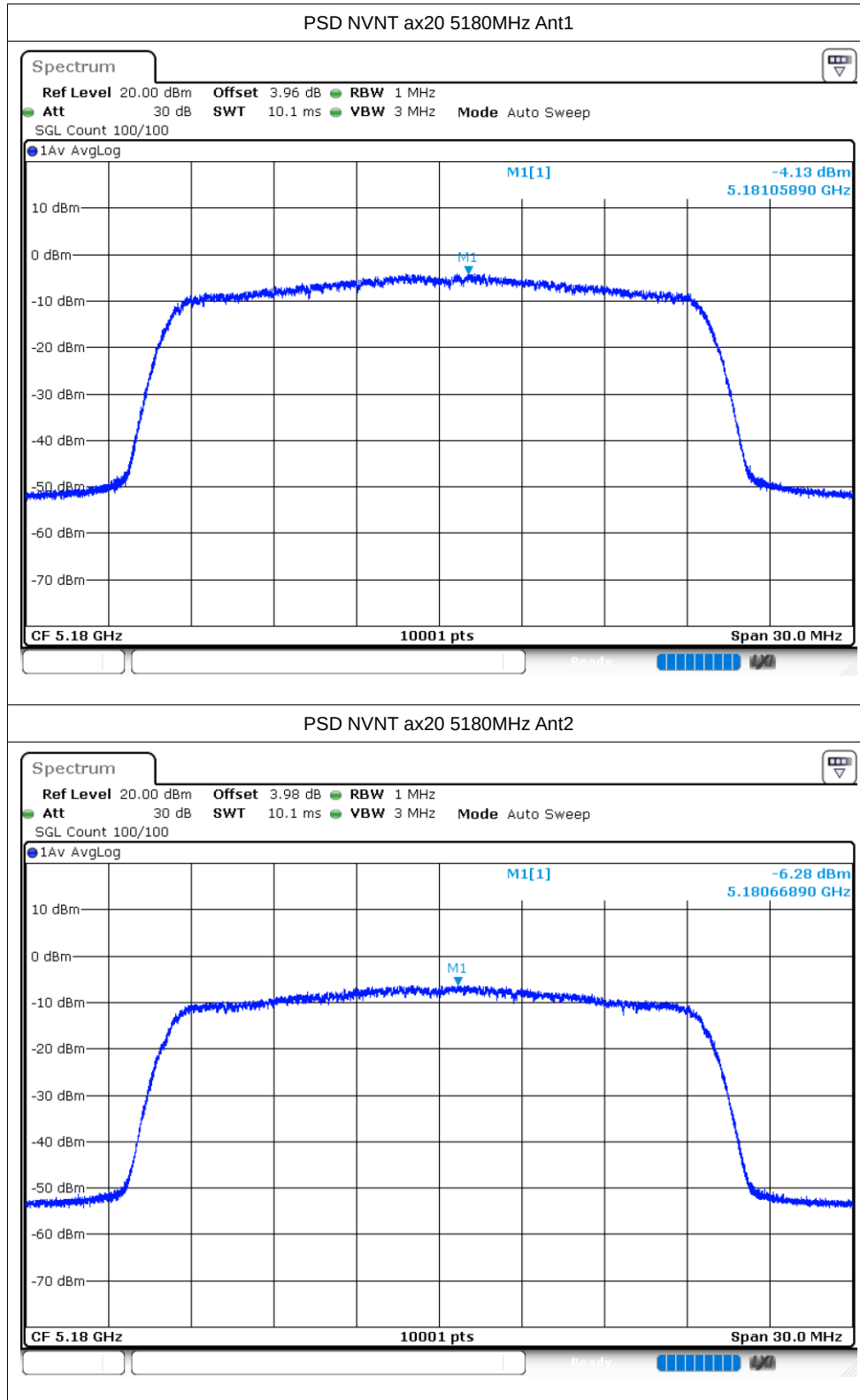


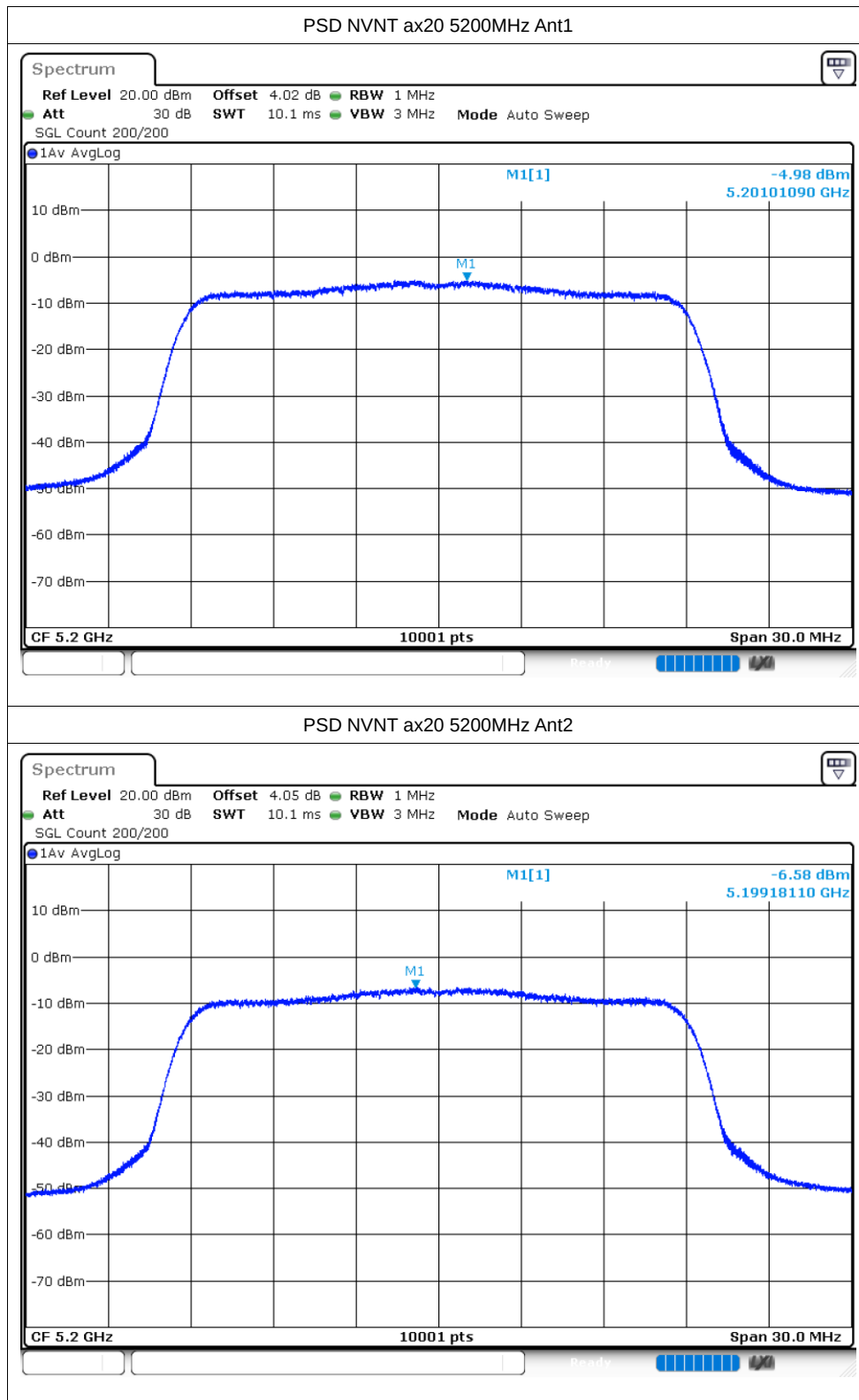


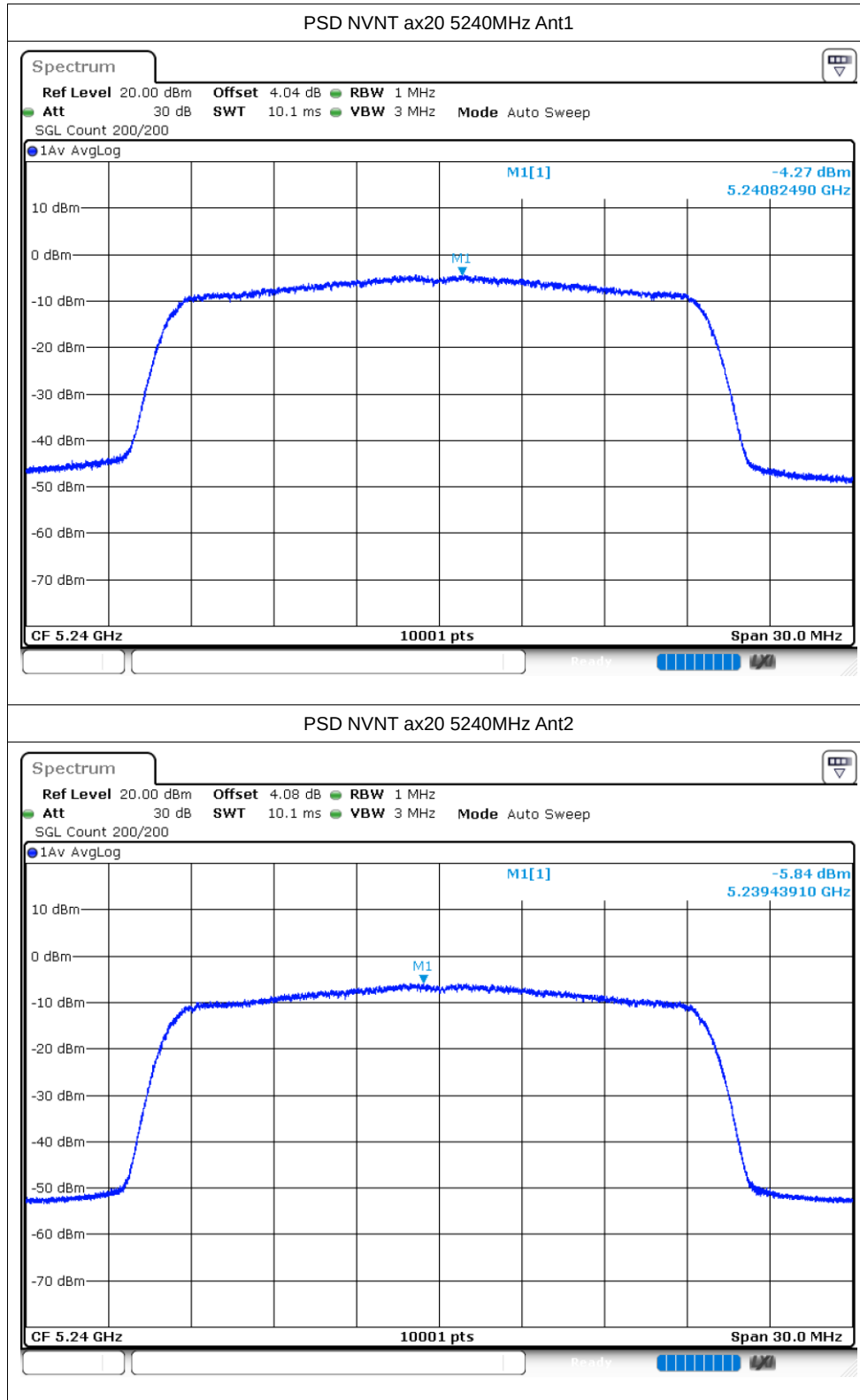


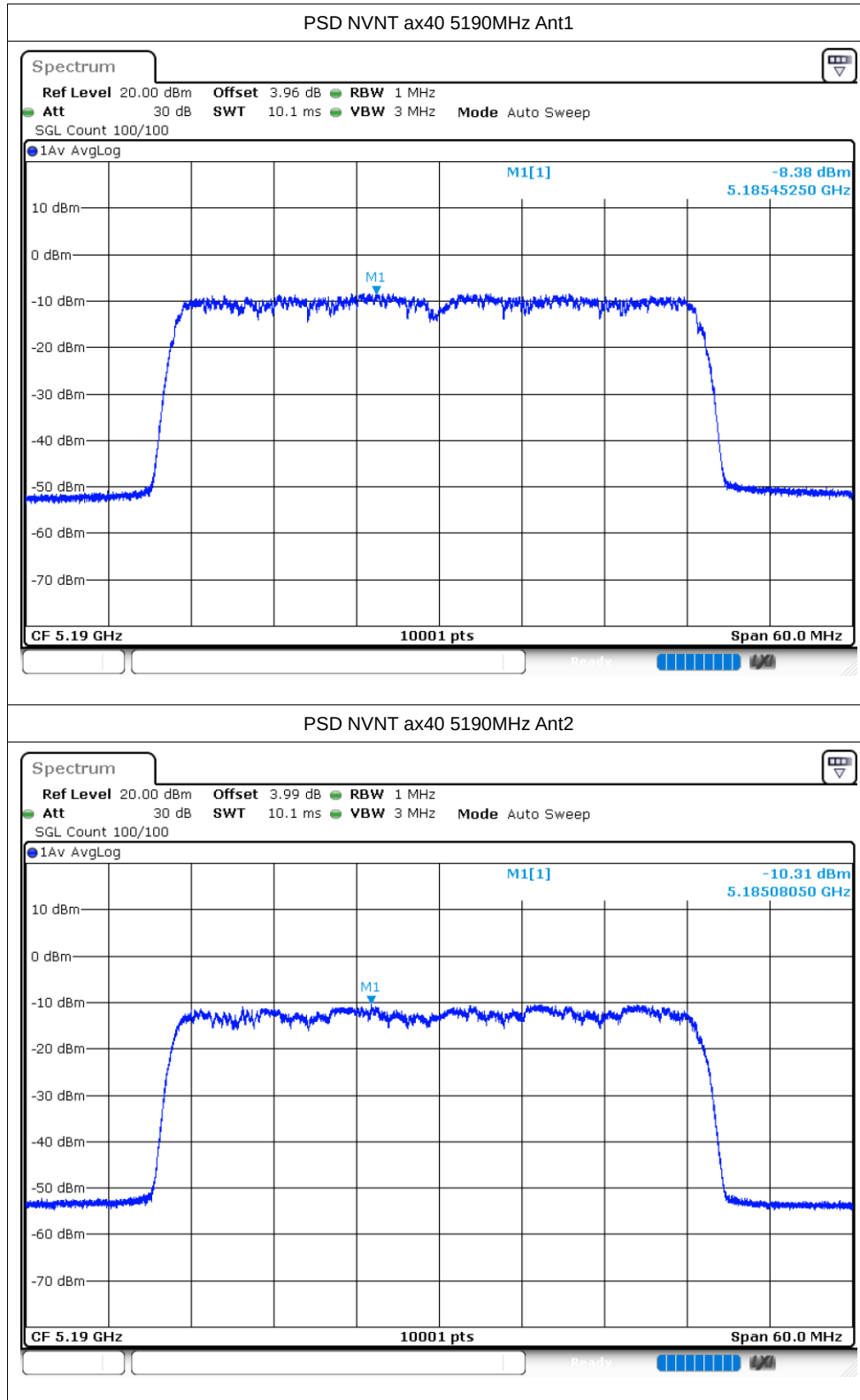


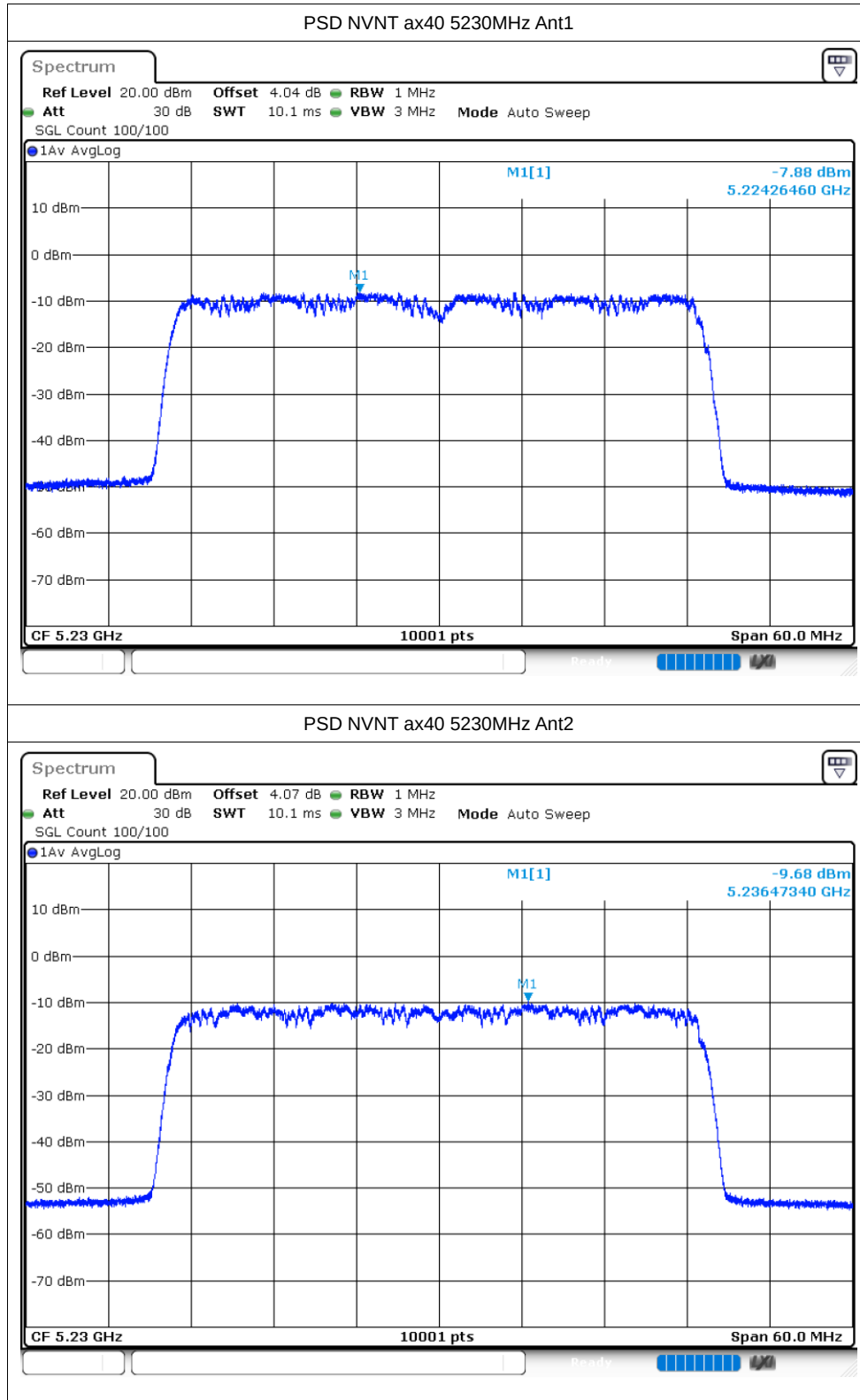


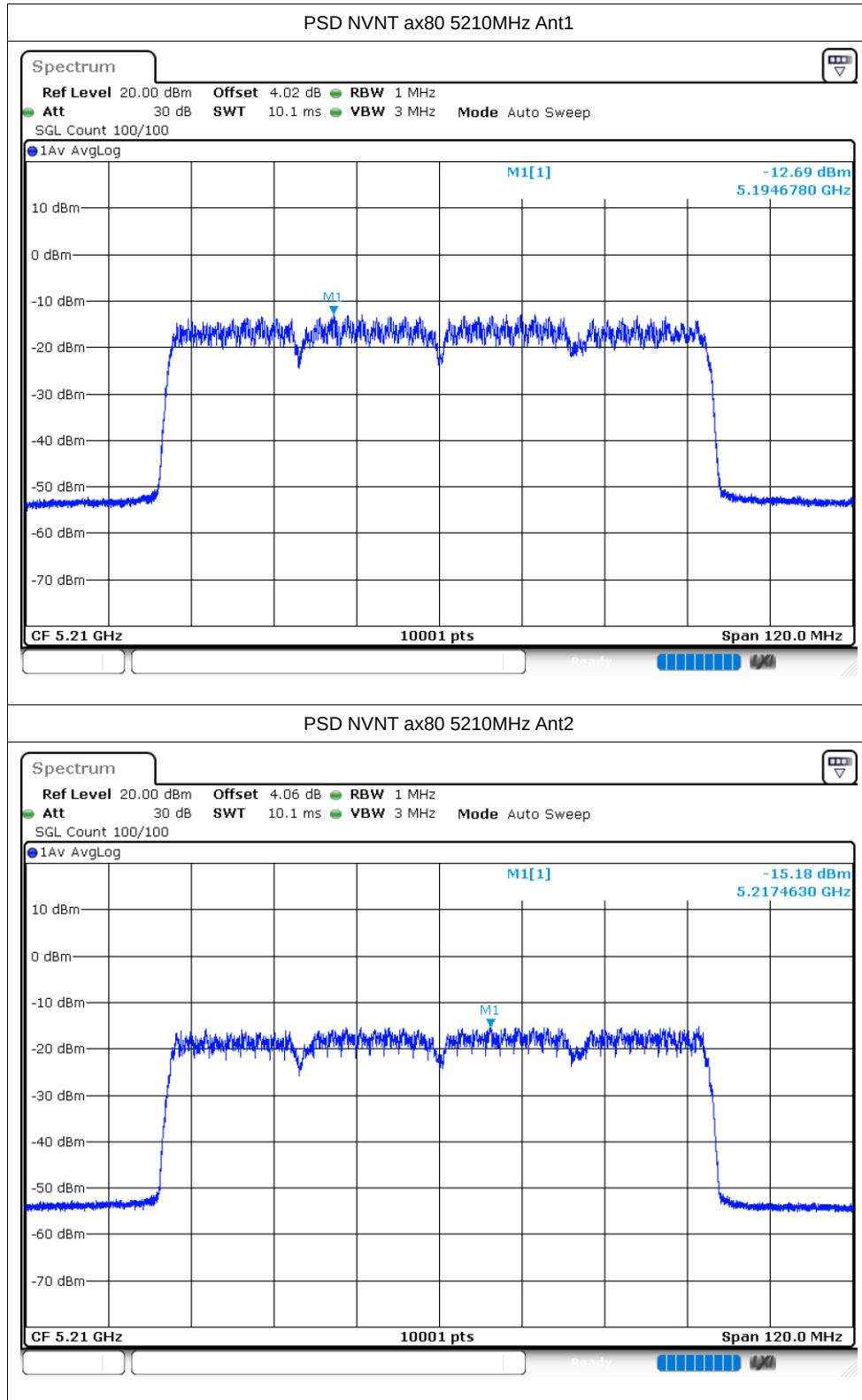


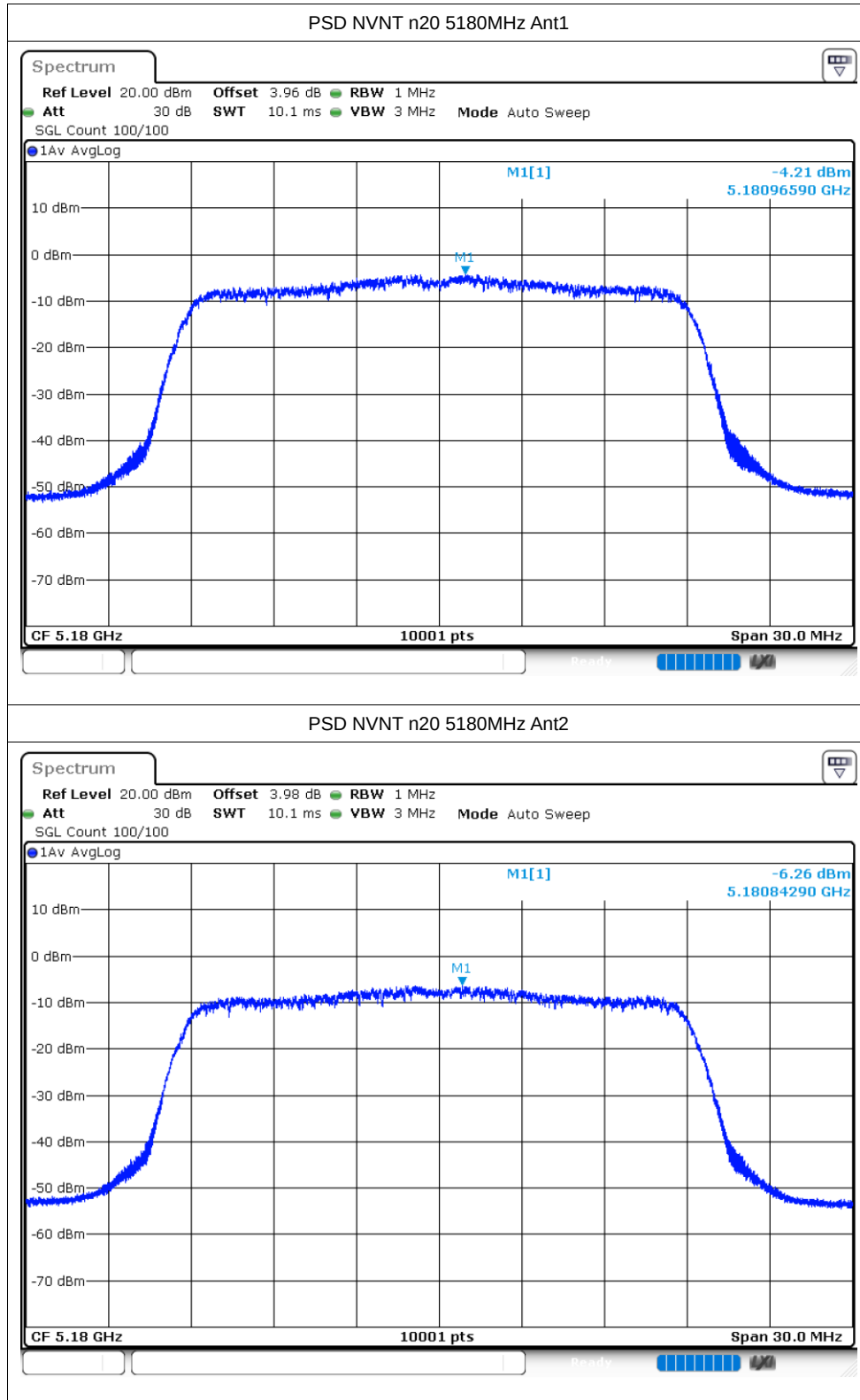


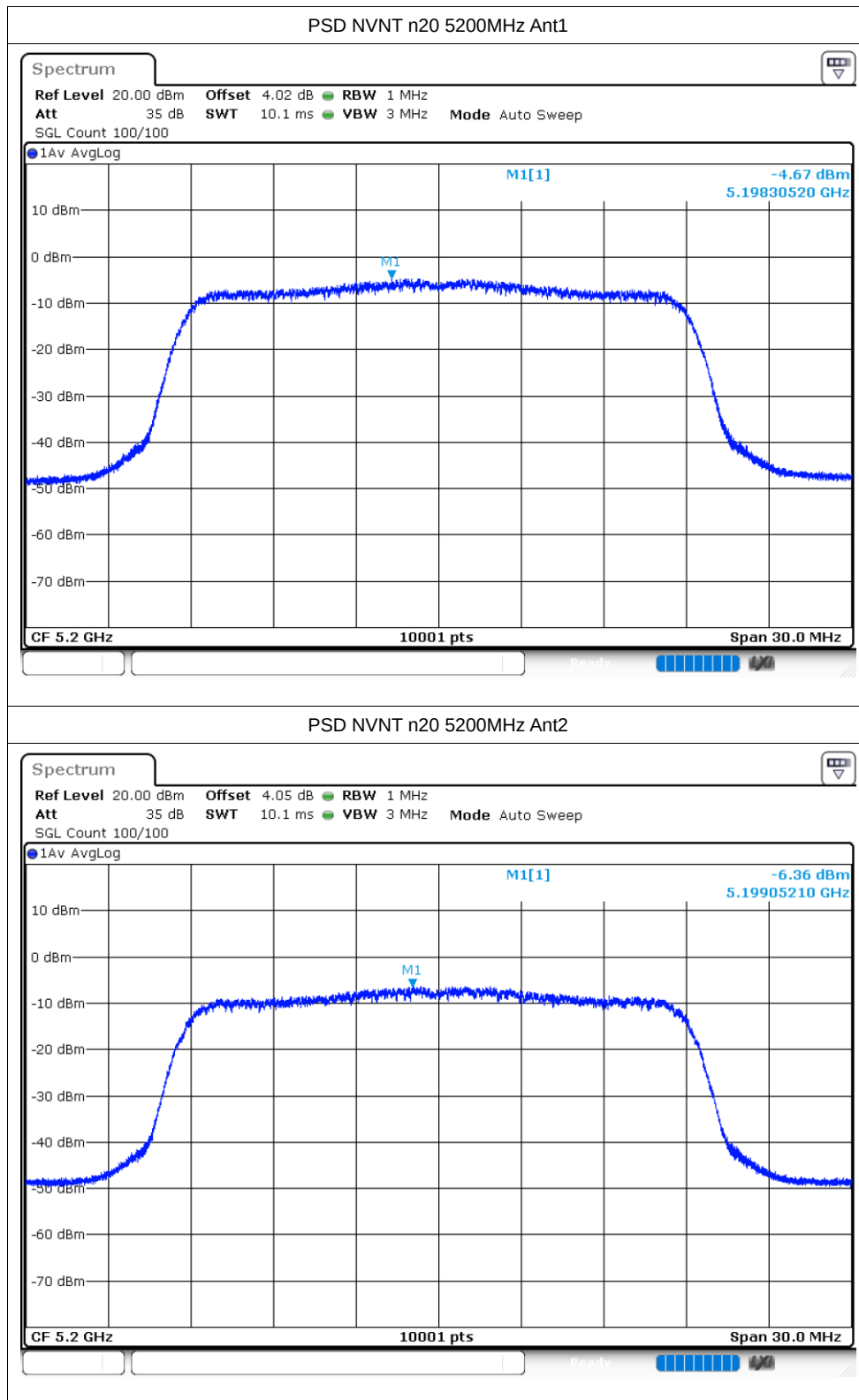


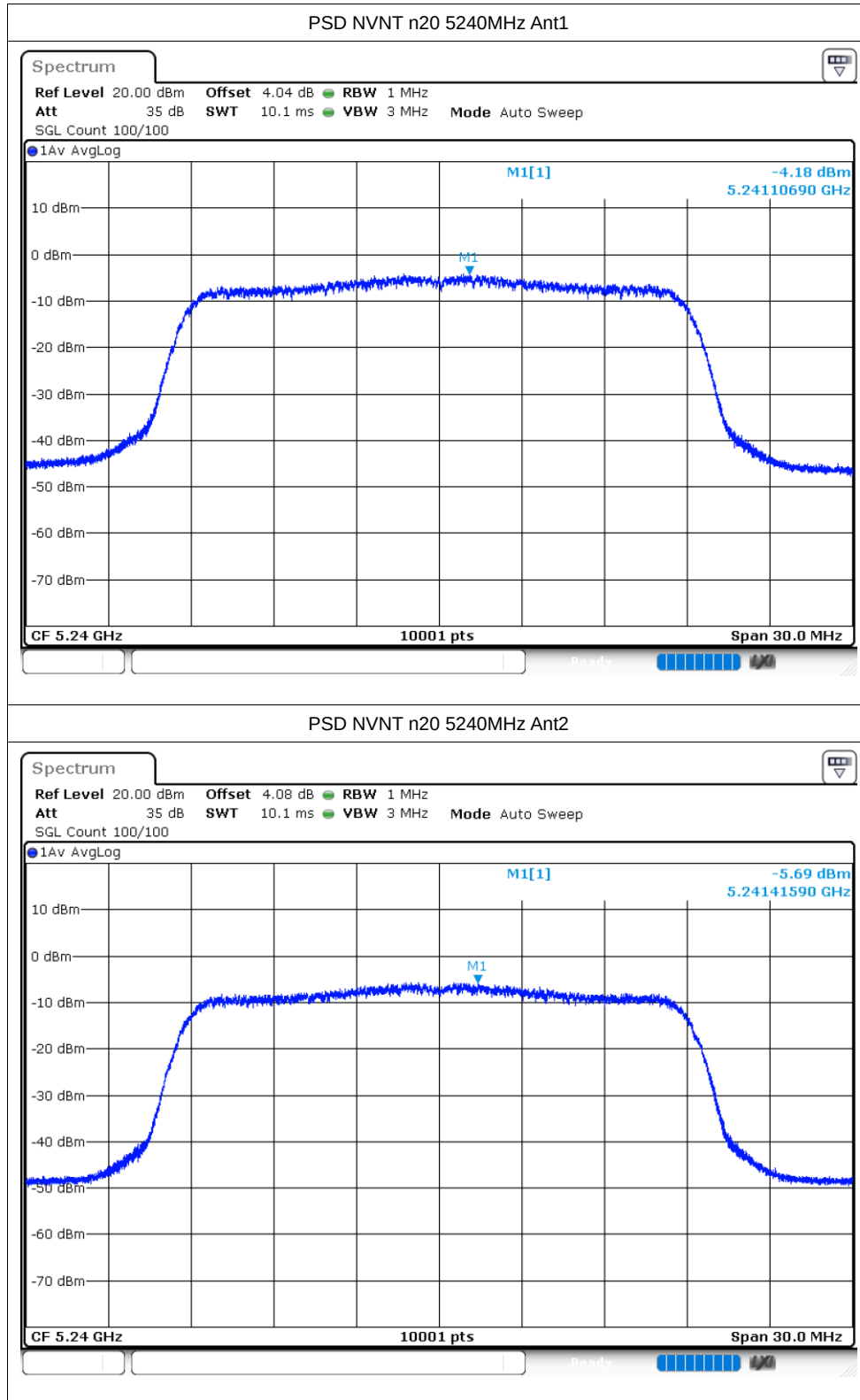


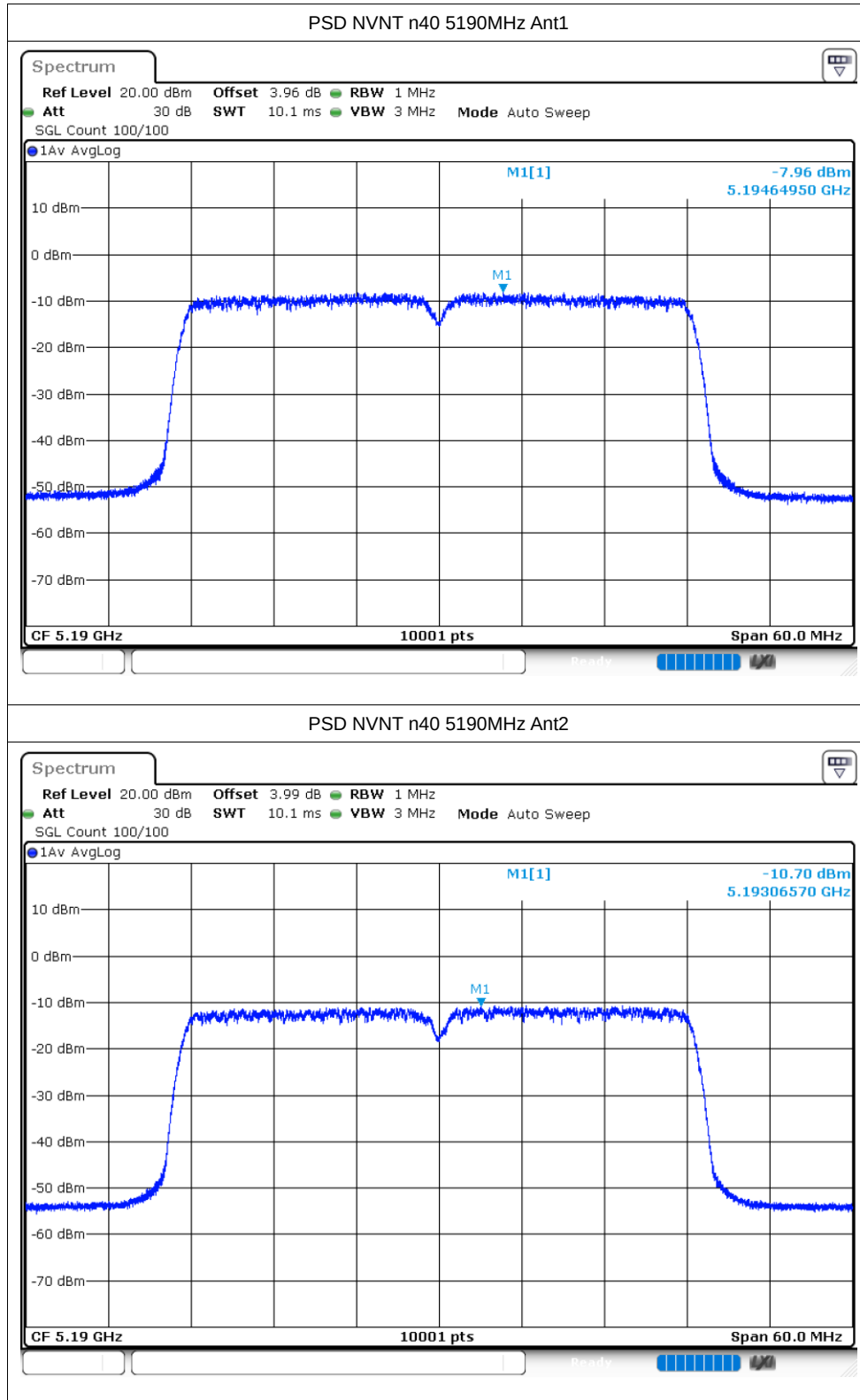


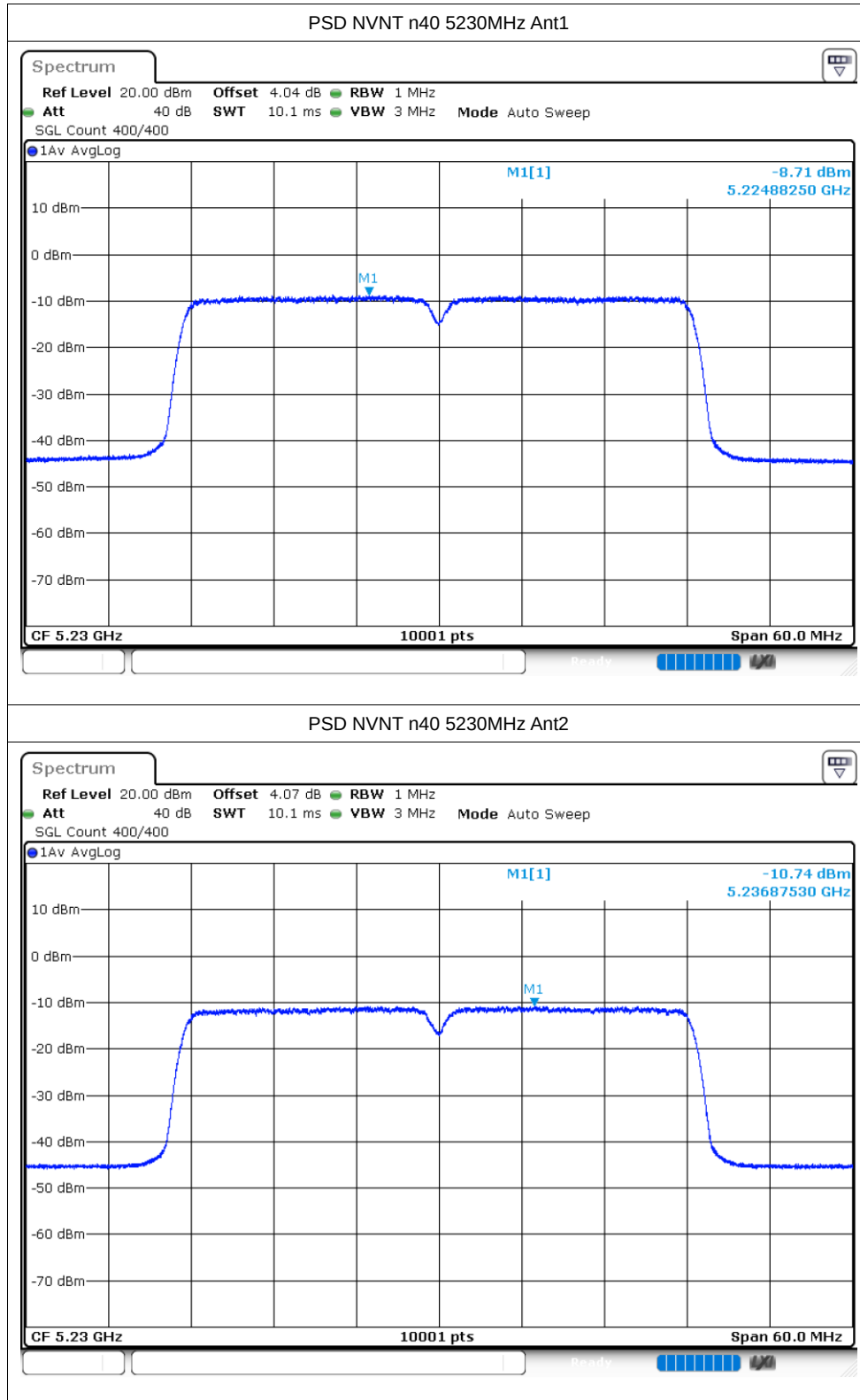










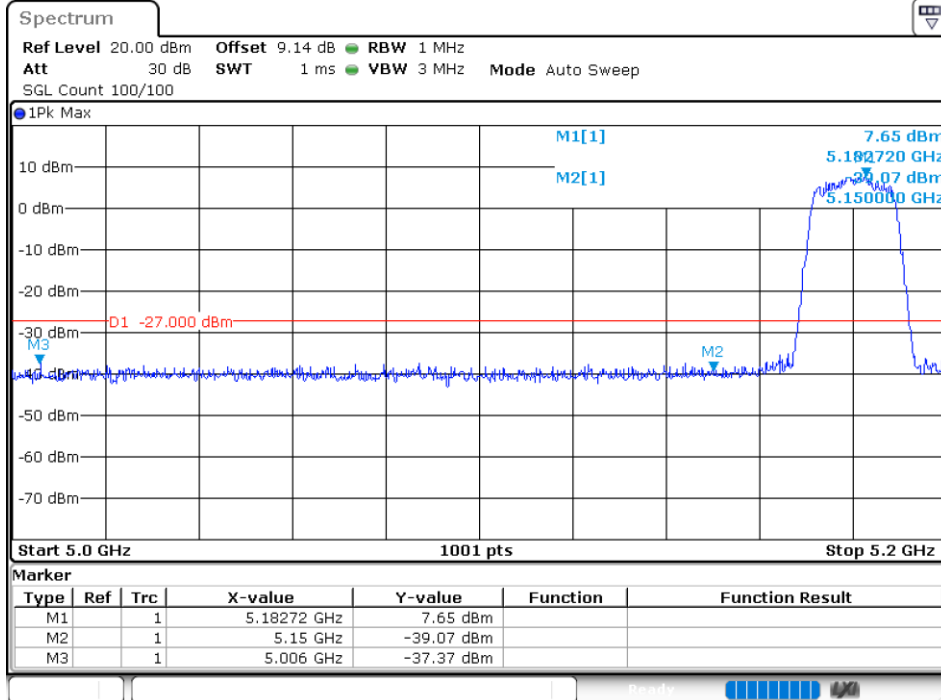


Band Edge

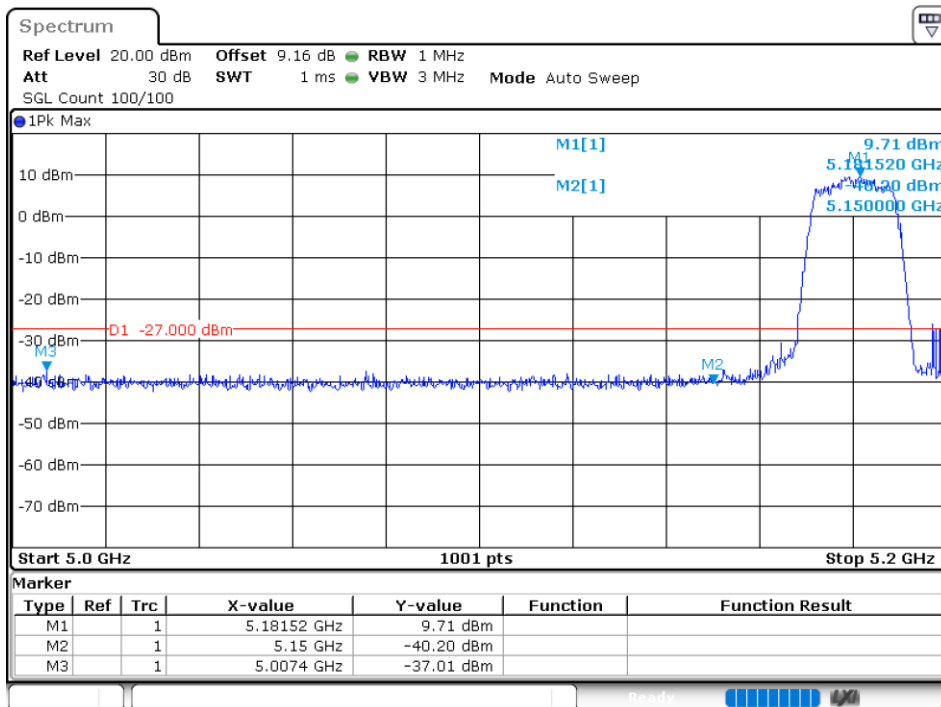
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	-37.37	-27	Pass
NVNT	ac20	5180	Ant2	-37.01	-27	Pass
NVNT	ac20	5240	Ant1	-37.29	-27	Pass
NVNT	ac20	5240	Ant2	-37.44	-27	Pass
NVNT	ac40	5190	Ant1	-36.85	-27	Pass
NVNT	ac40	5190	Ant2	-34.22	-27	Pass
NVNT	ac40	5230	Ant1	-37.58	-27	Pass
NVNT	ac40	5230	Ant2	-37.39	-27	Pass
NVNT	ac80	5210	Ant1	-35.91	-27	Pass
NVNT	ac80	5210	Ant2	-35.39	-27	Pass
NVNT	ac80	5210	Ant1	-36.74	-27	Pass
NVNT	ac80	5210	Ant2	-35.53	-27	Pass
NVNT	ax20	5180	Ant1	-36.36	-27	Pass
NVNT	ax20	5180	Ant2	-36.85	-27	Pass
NVNT	ax20	5240	Ant1	-36.6	-27	Pass
NVNT	ax20	5240	Ant2	-37.54	-27	Pass
NVNT	ax40	5190	Ant1	-37.31	-27	Pass
NVNT	ax40	5190	Ant2	-36.22	-27	Pass
NVNT	ax40	5230	Ant1	-37.18	-27	Pass
NVNT	ax40	5230	Ant2	-37.67	-27	Pass
NVNT	ax80	5210	Ant1	-36.1	-27	Pass
NVNT	ax80	5210	Ant2	-36.5	-27	Pass
NVNT	ax80	5210	Ant1	-37.03	-27	Pass
NVNT	ax80	5210	Ant2	-36.74	-27	Pass
NVNT	n20	5180	Ant1	-37.12	-27	Pass
NVNT	n20	5180	Ant2	-37.86	-27	Pass
NVNT	n20	5240	Ant1	-37.48	-27	Pass
NVNT	n20	5240	Ant2	-36.53	-27	Pass
NVNT	n40	5190	Ant1	-36.42	-27	Pass
NVNT	n40	5190	Ant2	-36.99	-27	Pass
NVNT	n40	5230	Ant1	-40.18	-27	Pass
NVNT	n40	5230	Ant2	-40.76	-27	Pass

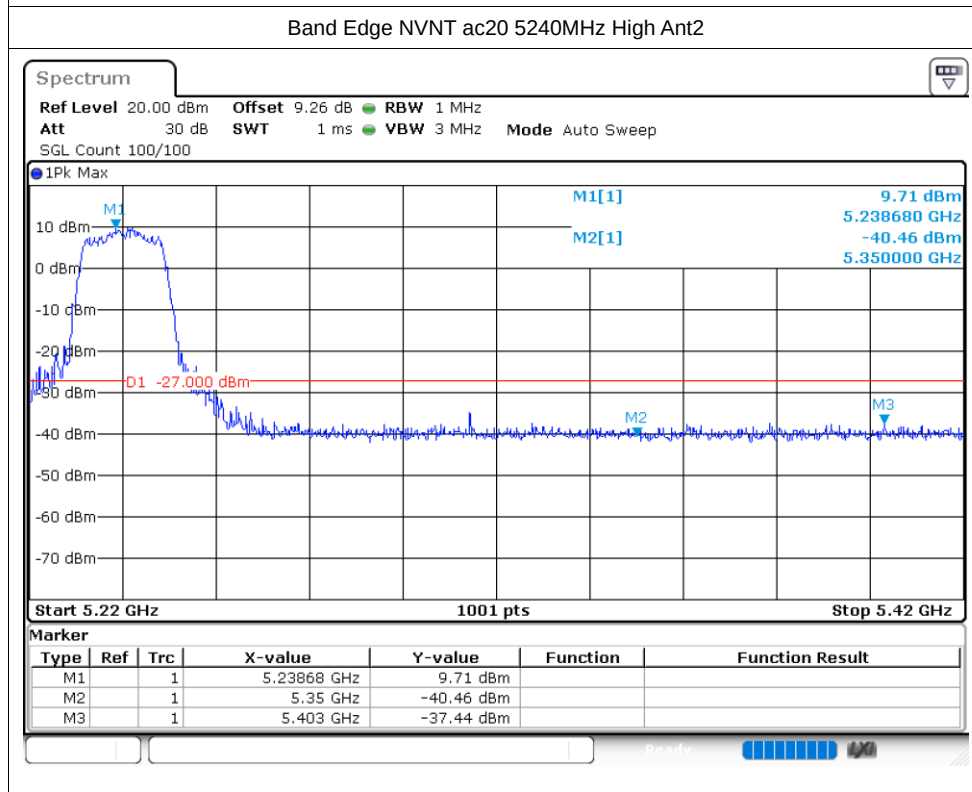
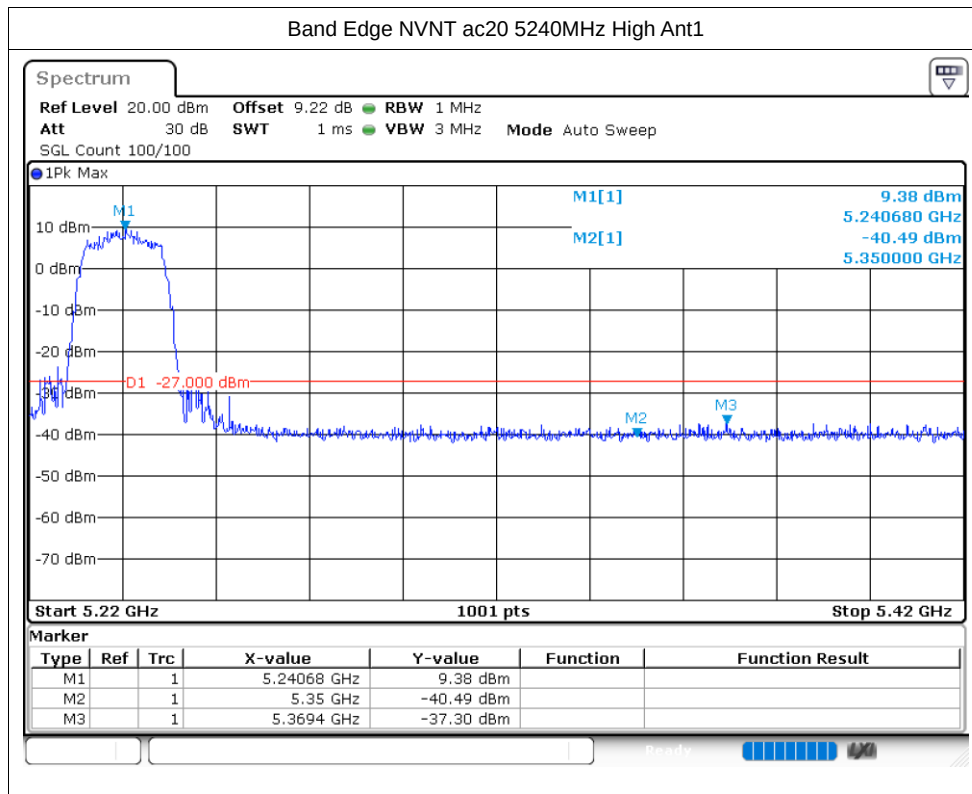
Test Graphs

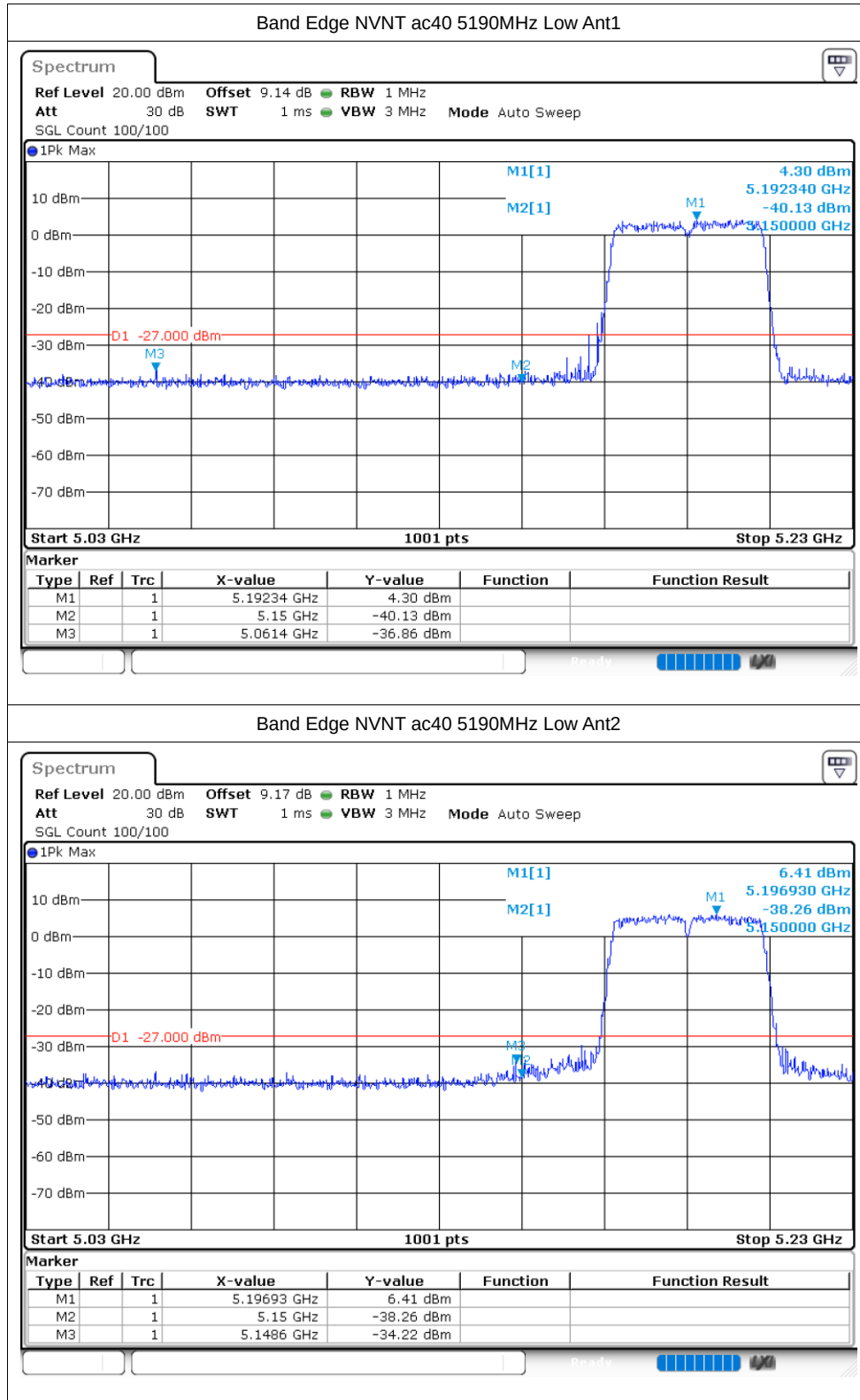
Band Edge NVNT ac20 5180MHz Low Ant1

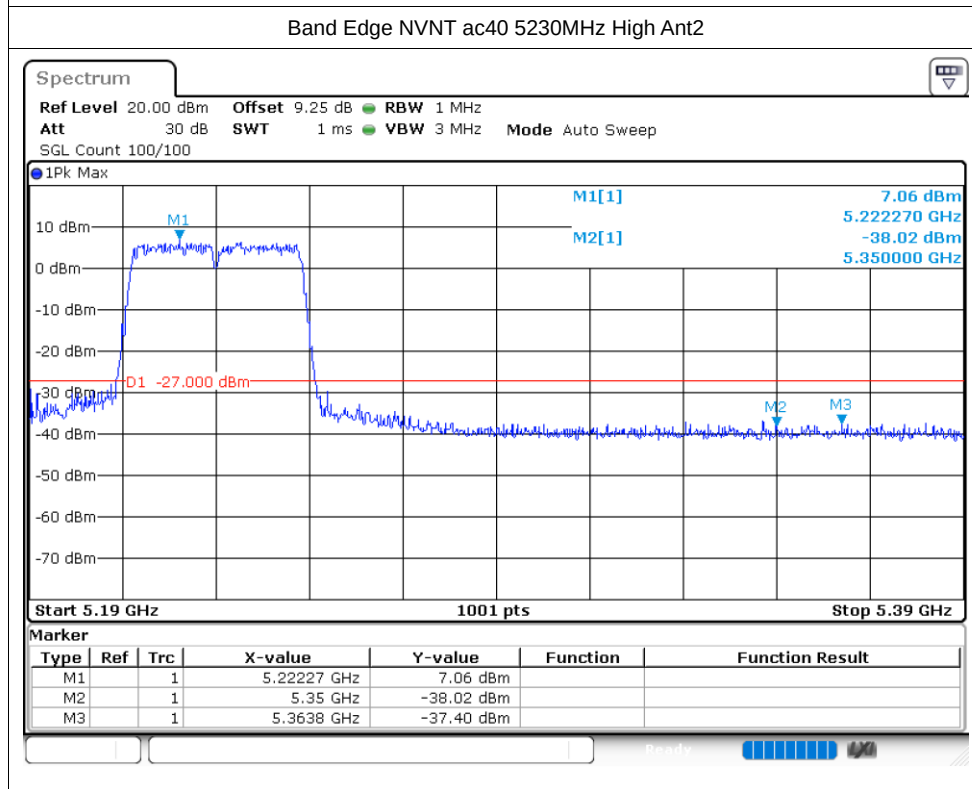
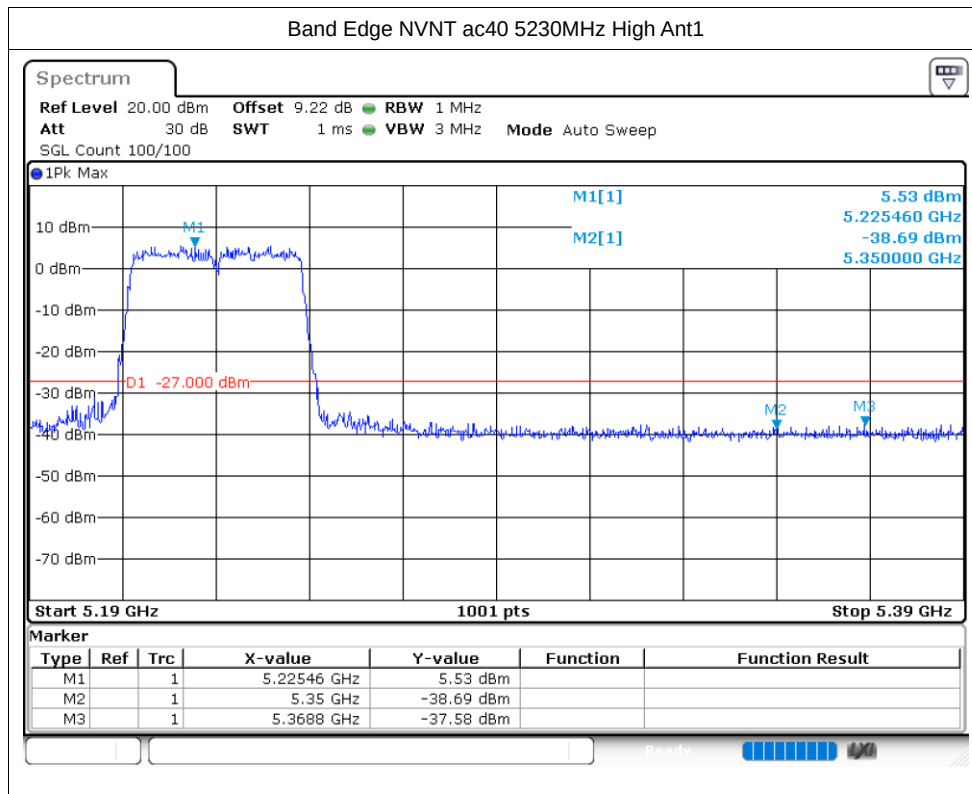


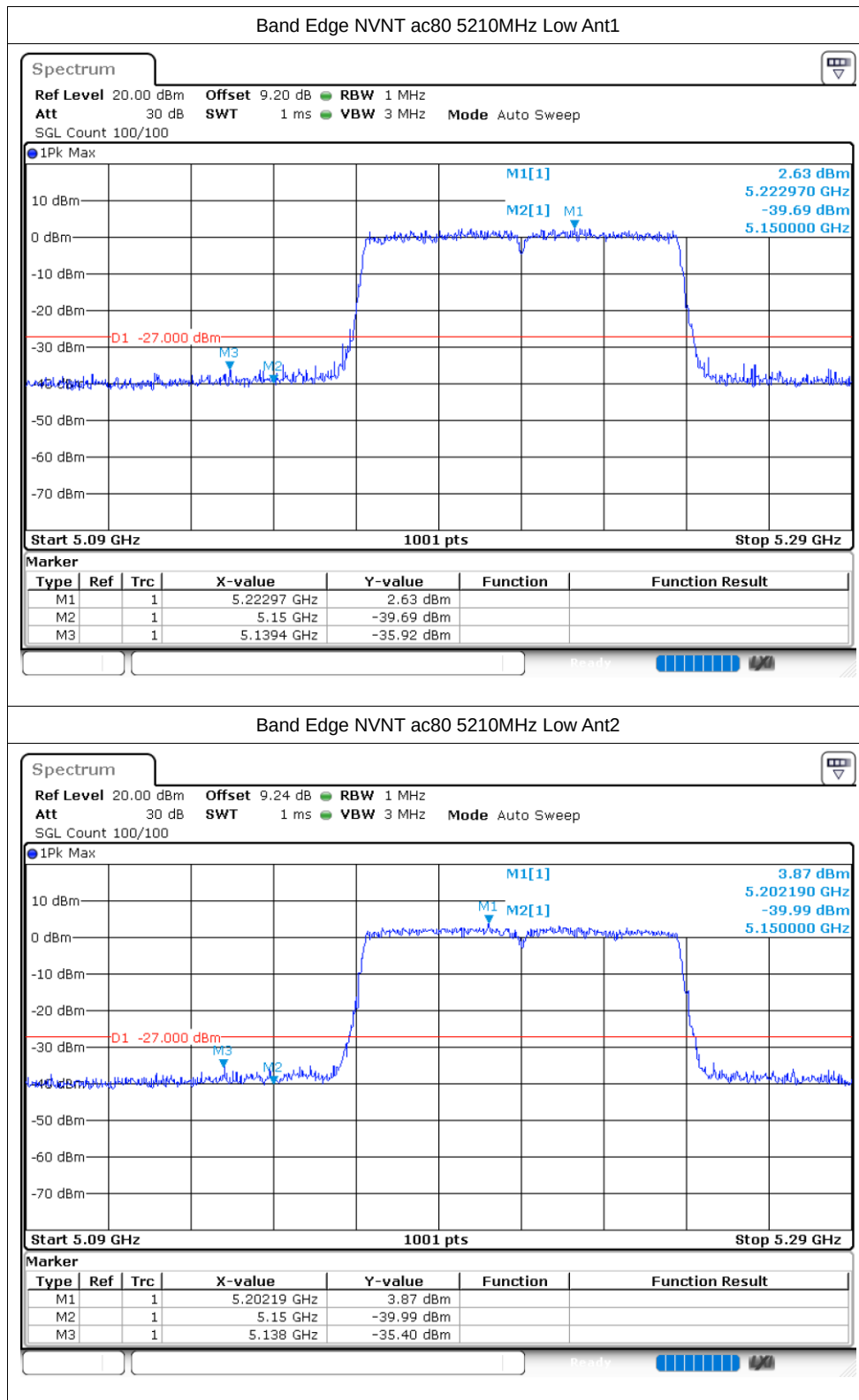
Band Edge NVNT ac20 5180MHz Low Ant2

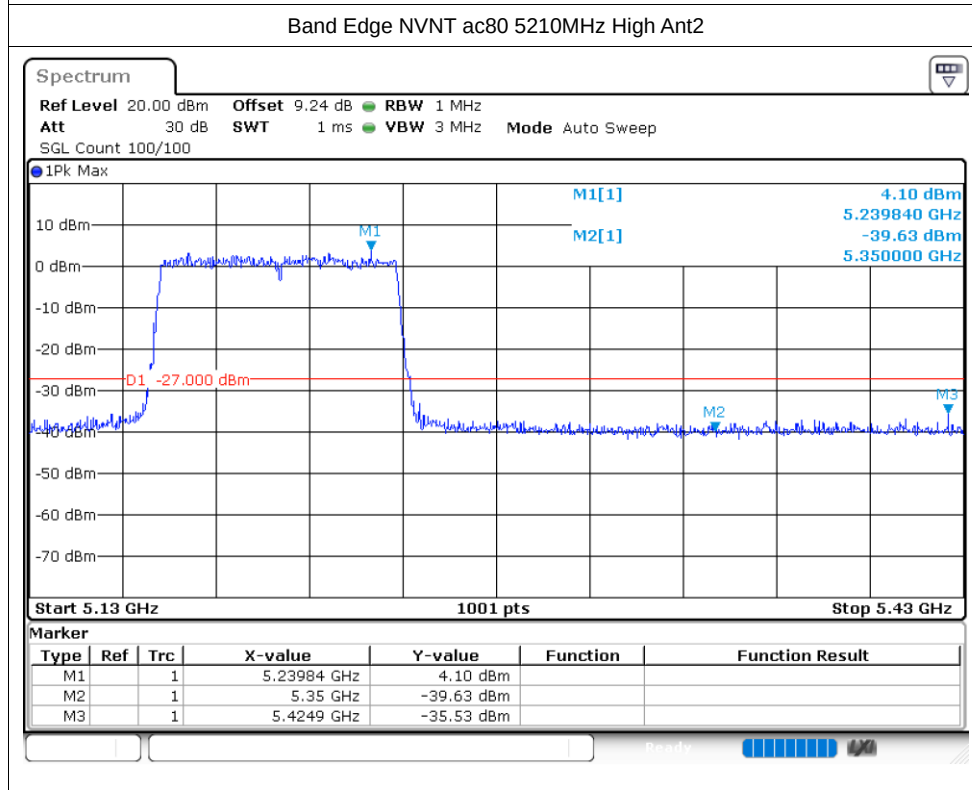
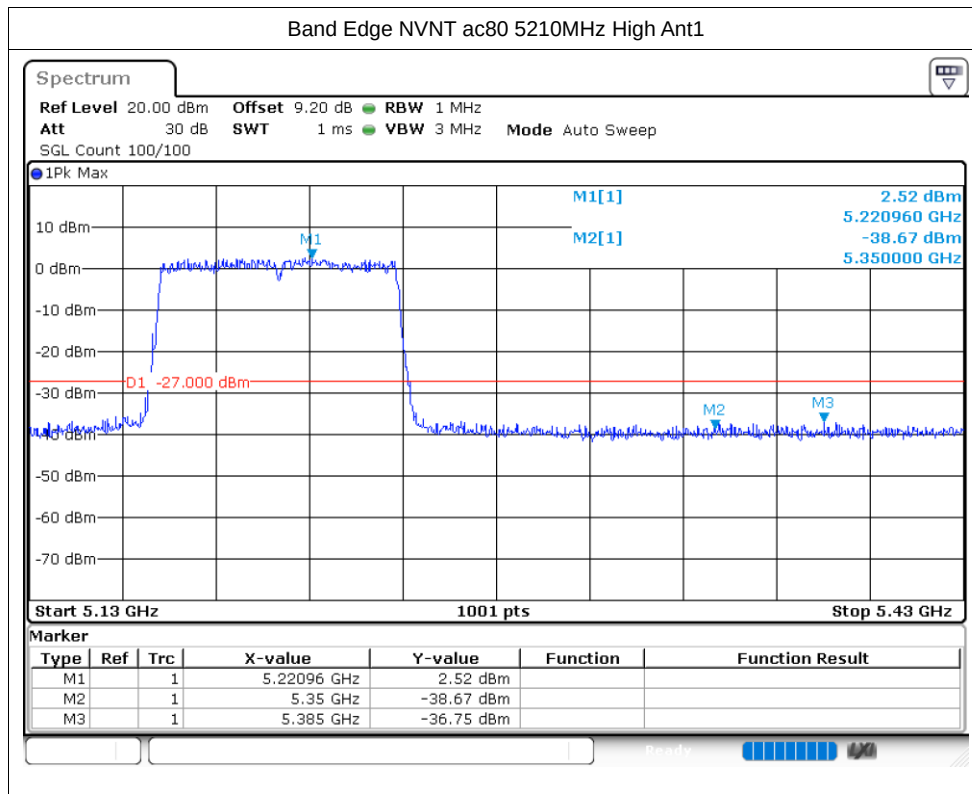


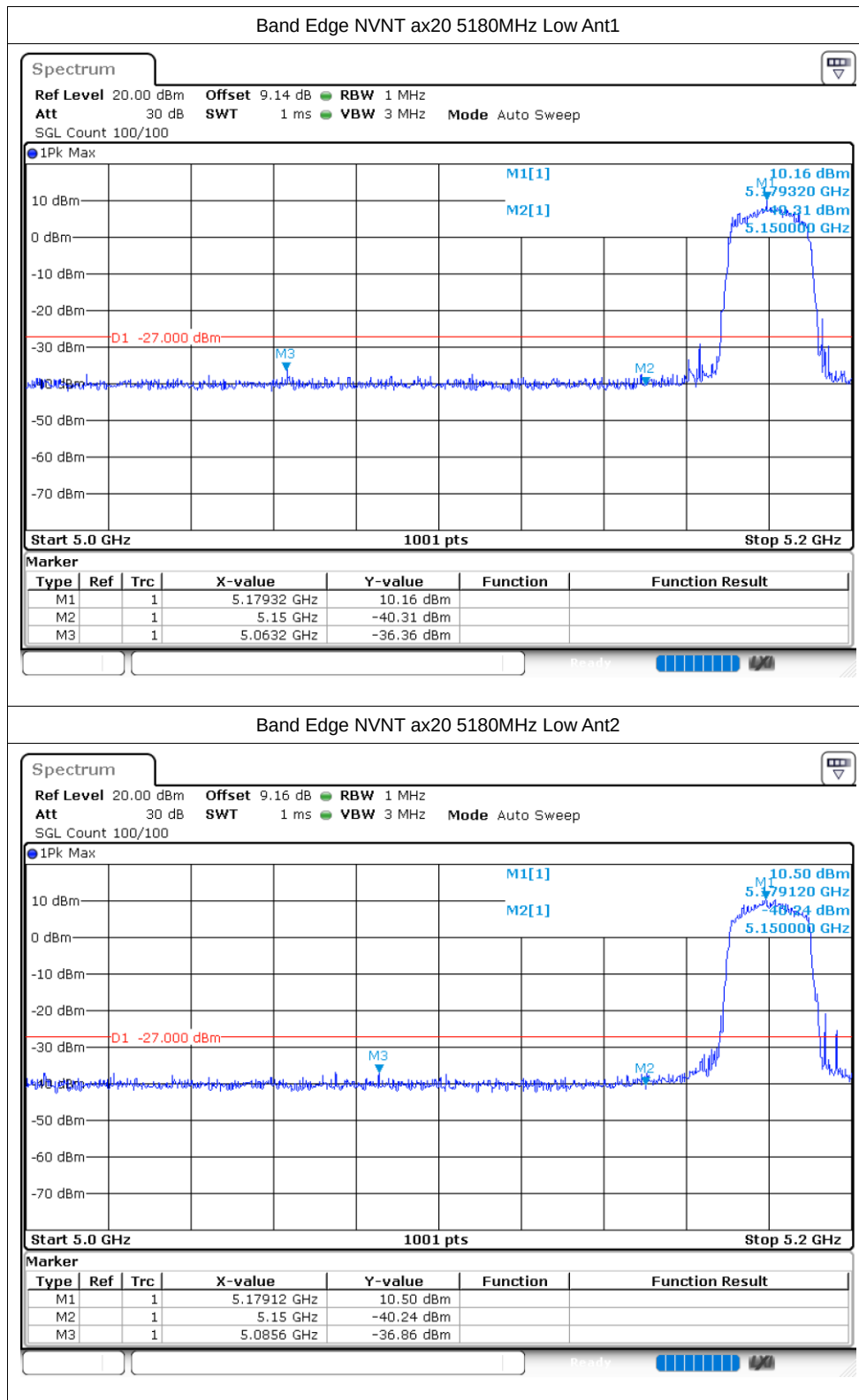


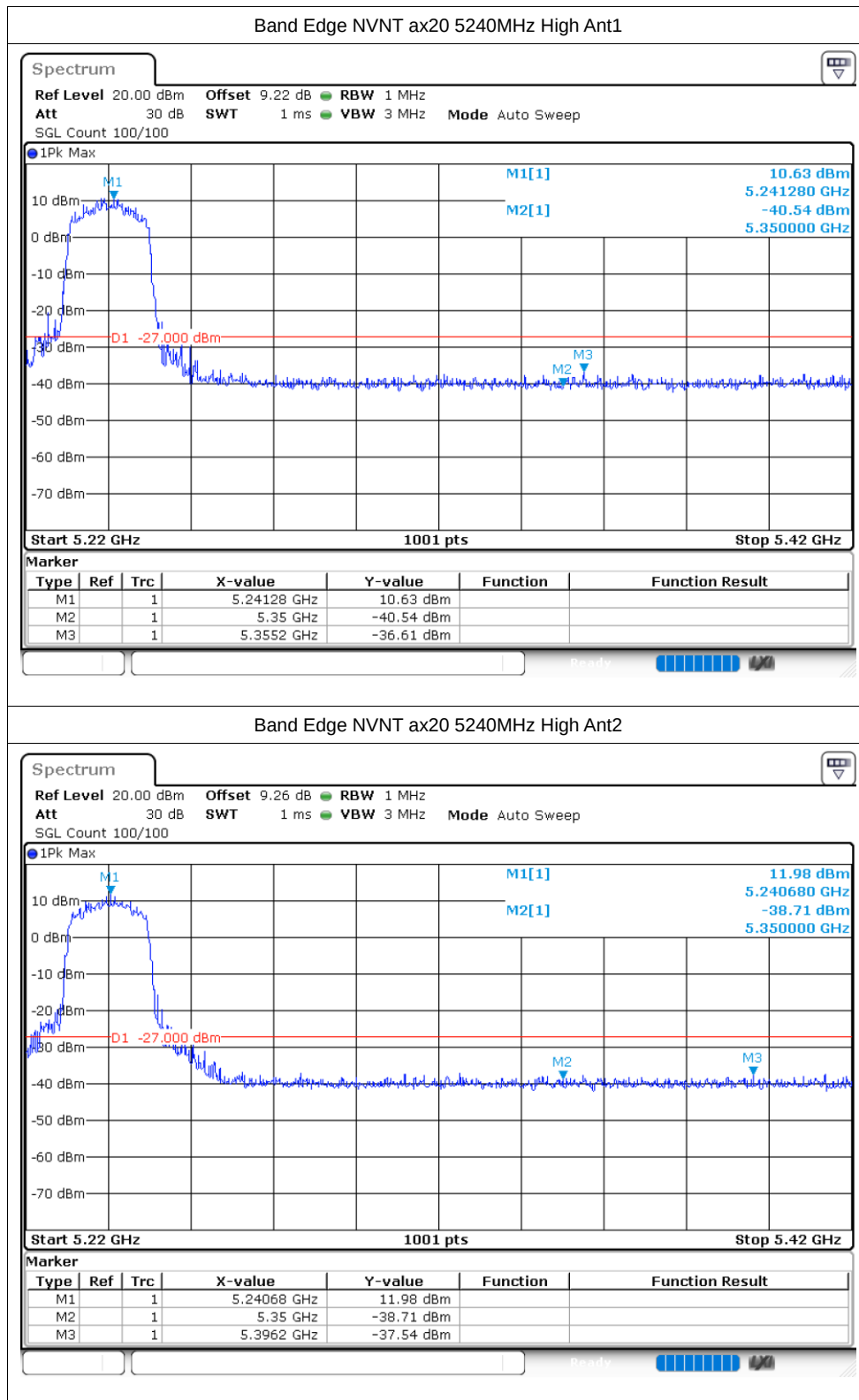


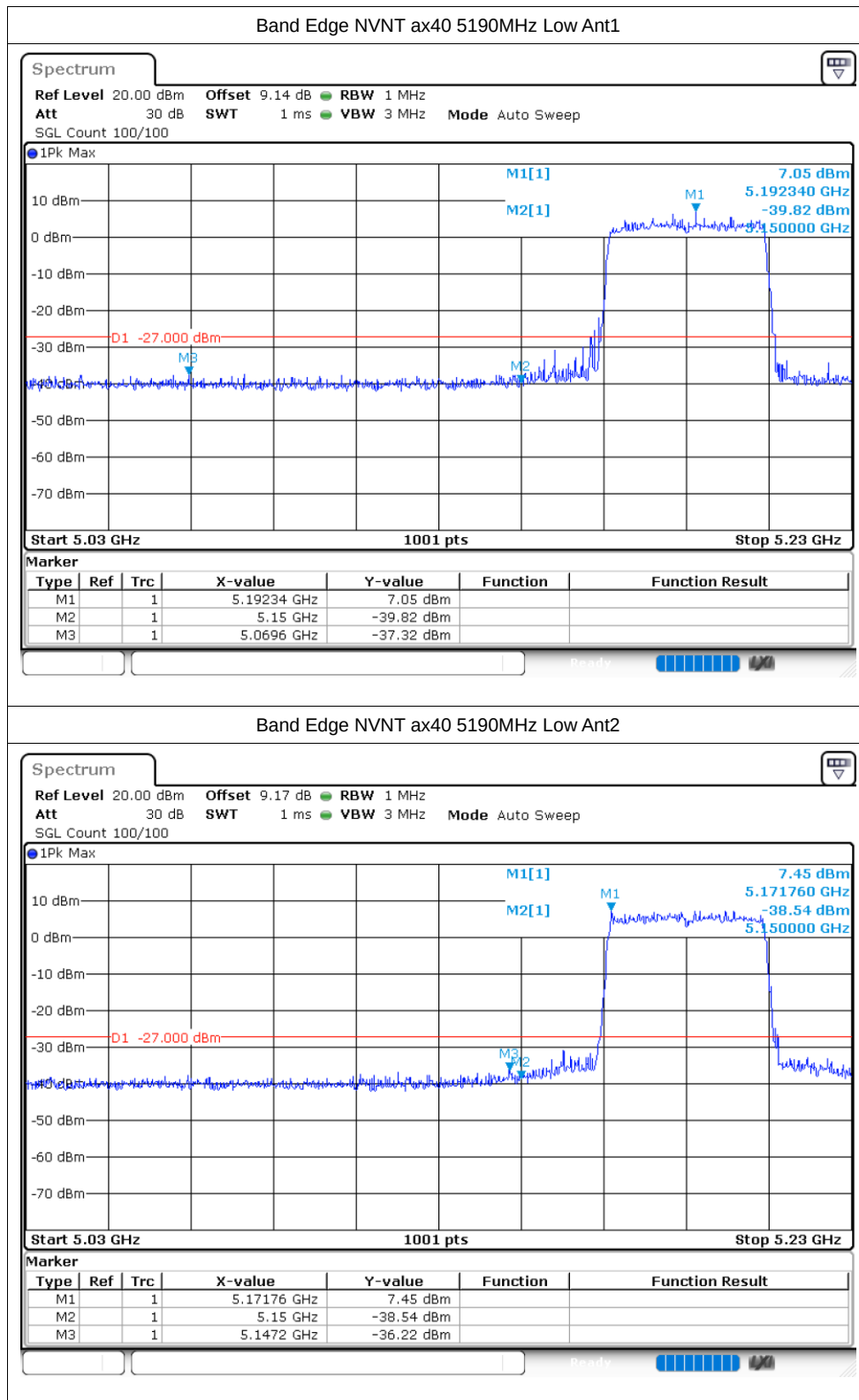


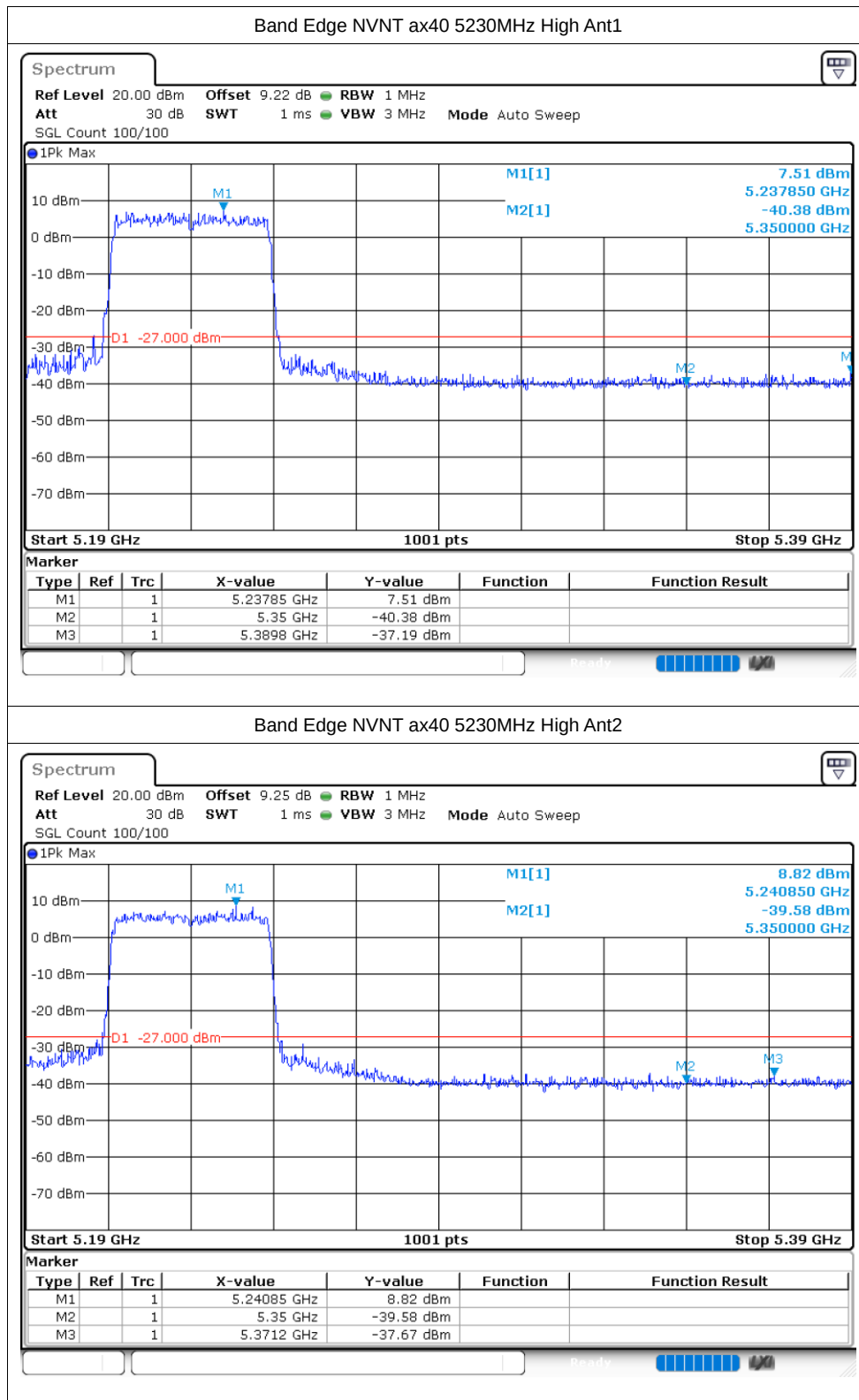


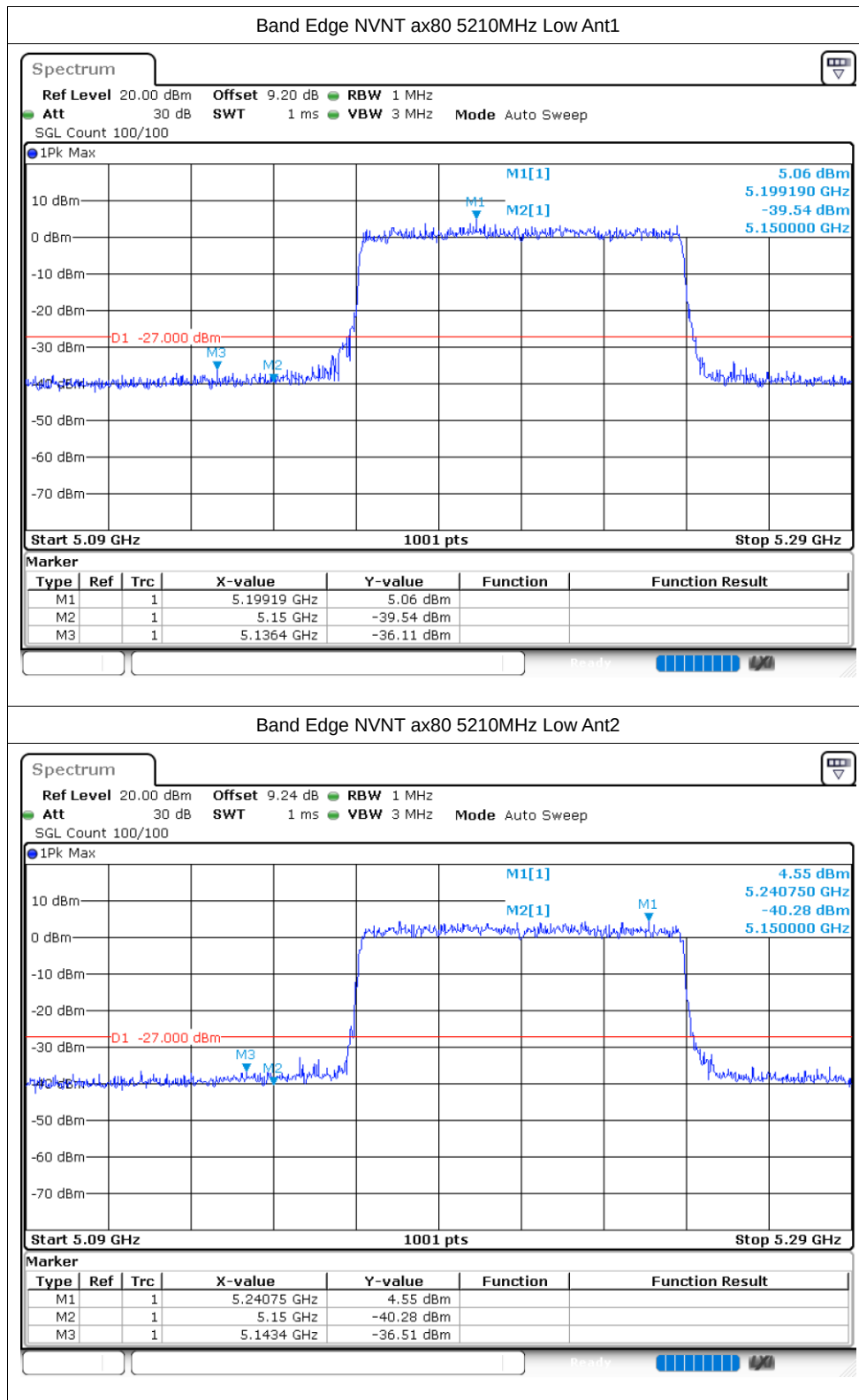










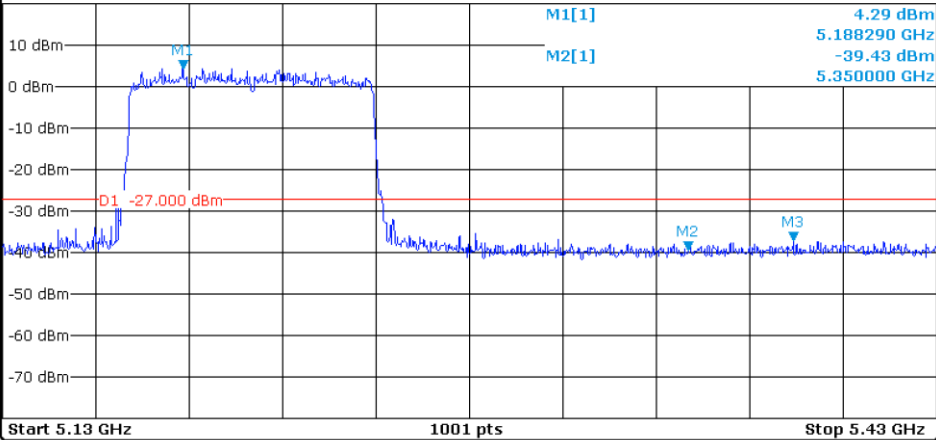


Band Edge NVNT ax80 5210MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 9.20 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



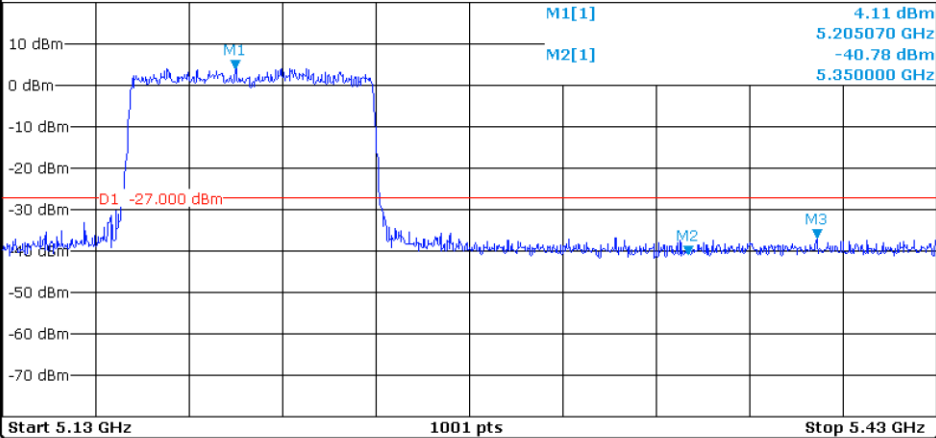
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.18829 GHz	4.29 dBm		
M2		1	5.35 GHz	-39.43 dBm		
M3		1	5.3841 GHz	-37.04 dBm		

Band Edge NVNT ax80 5210MHz High Ant2

Spectrum

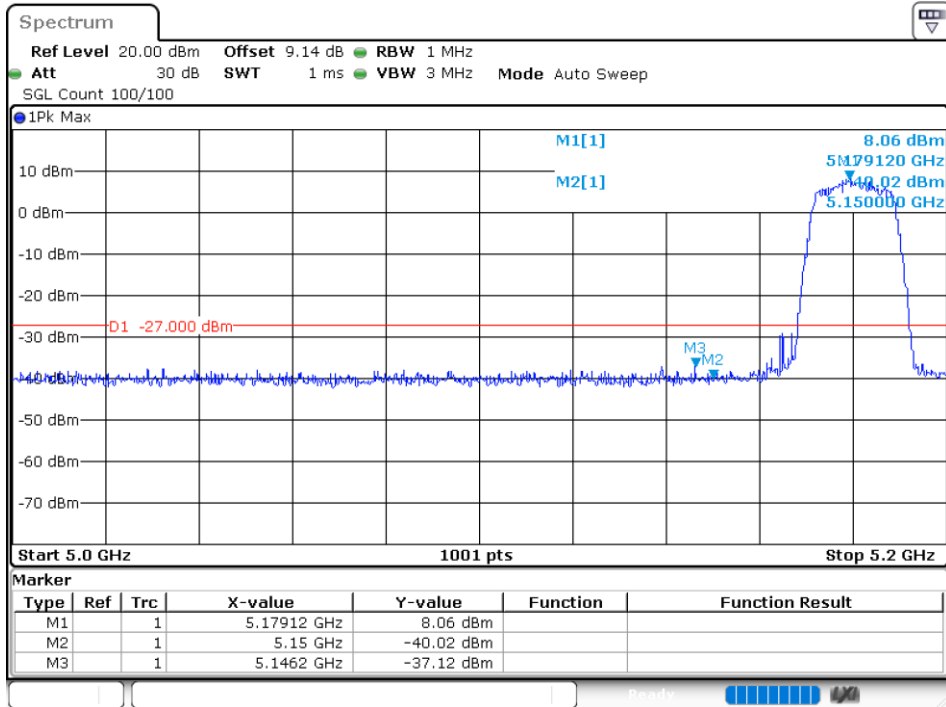
Ref Level 20.00 dBm Offset 9.24 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max

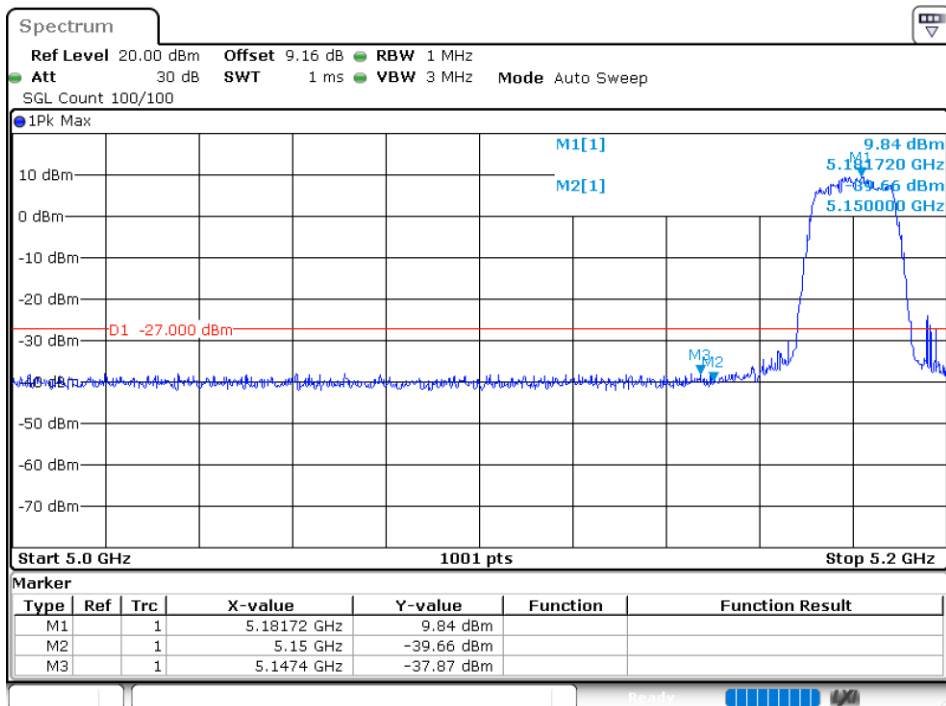


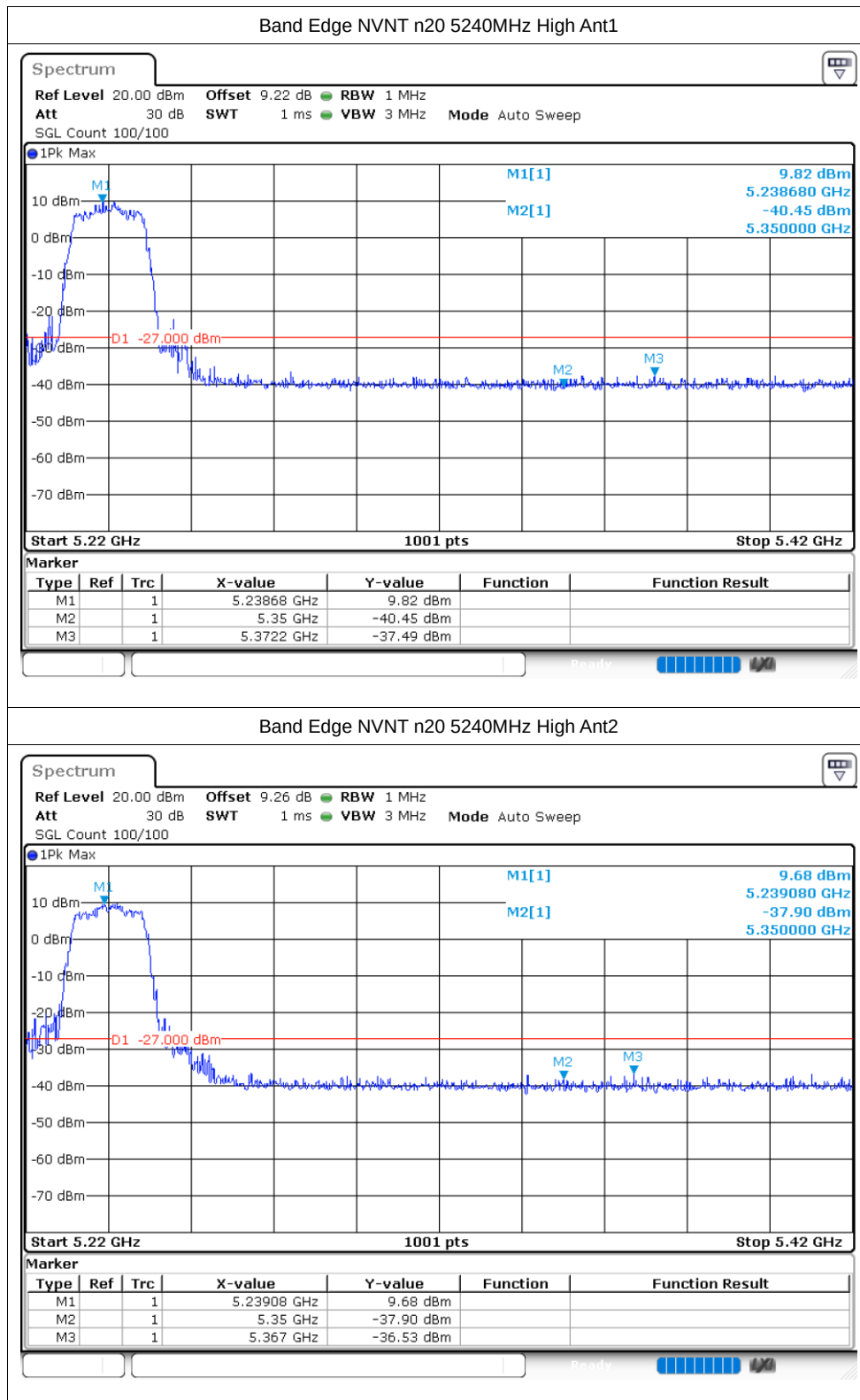
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.20507 GHz	4.11 dBm		
M2		1	5.35 GHz	-40.78 dBm		
M3		1	5.3916 GHz	-36.74 dBm		

Band Edge NVNT n20 5180MHz Low Ant1

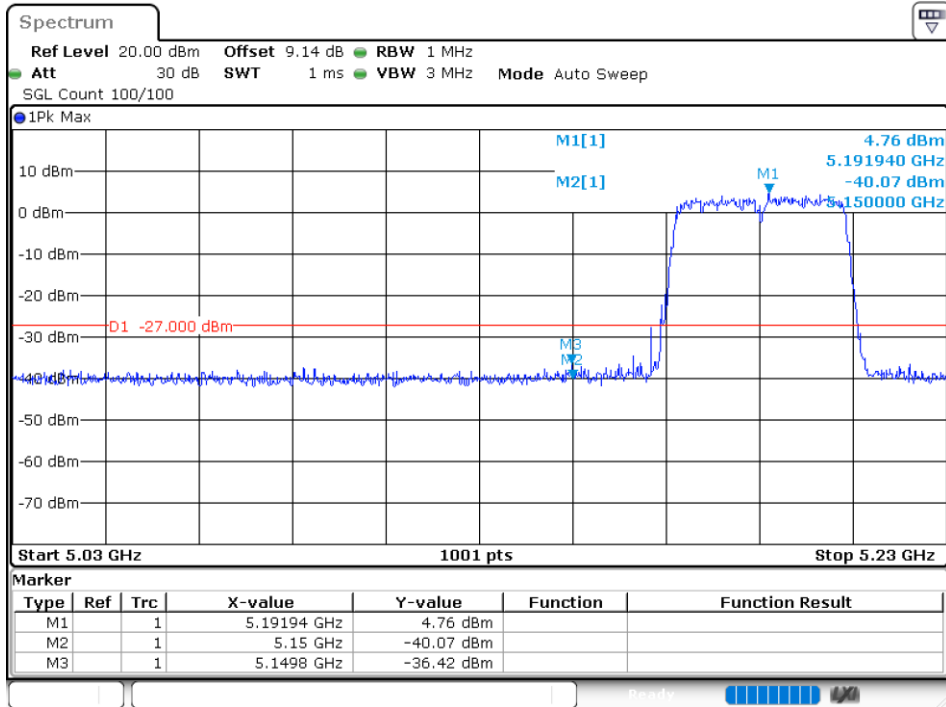


Band Edge NVNT n20 5180MHz Low Ant2





Band Edge NVNT n40 5190MHz Low Ant1



Band Edge NVNT n40 5190MHz Low Ant2

