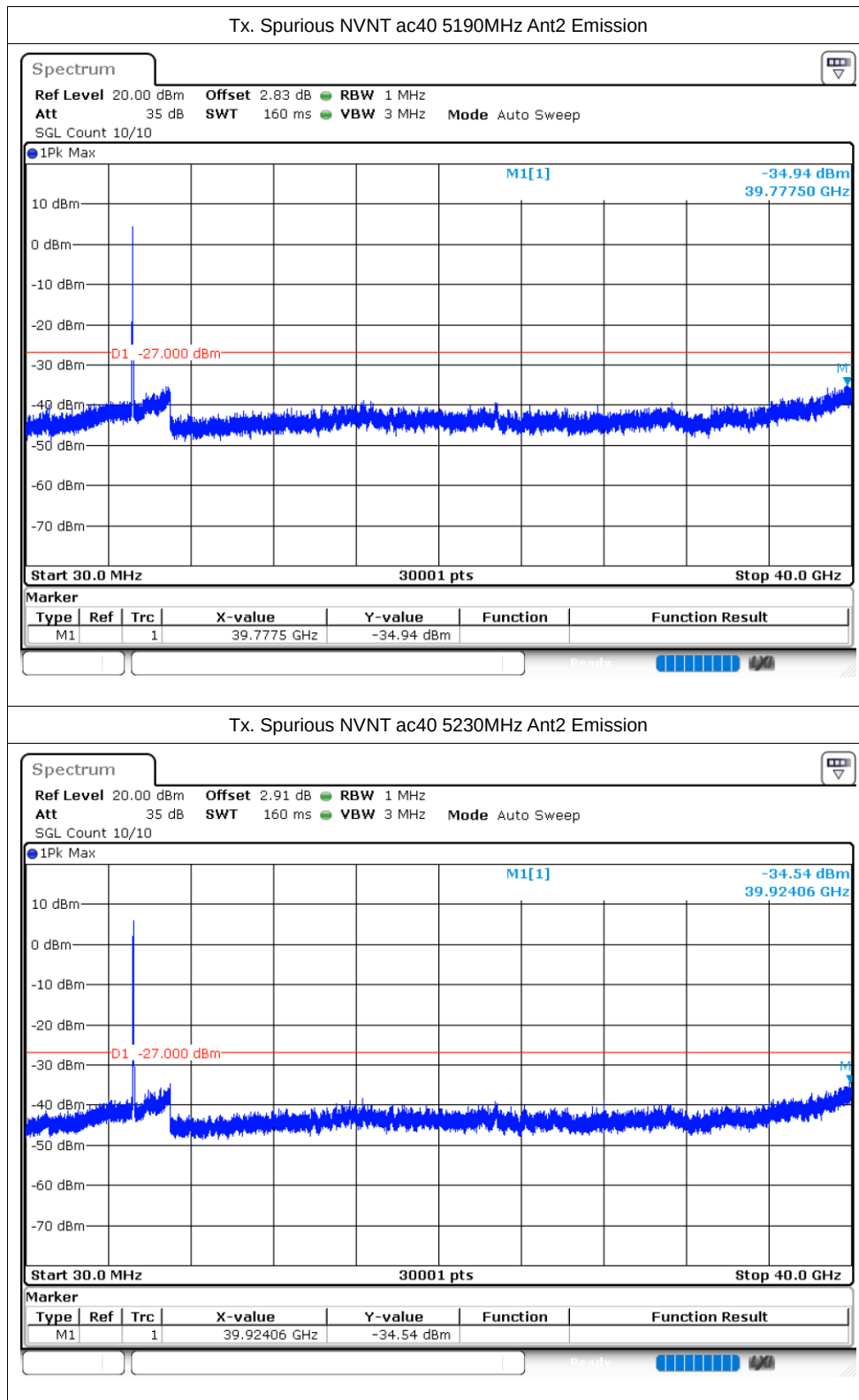
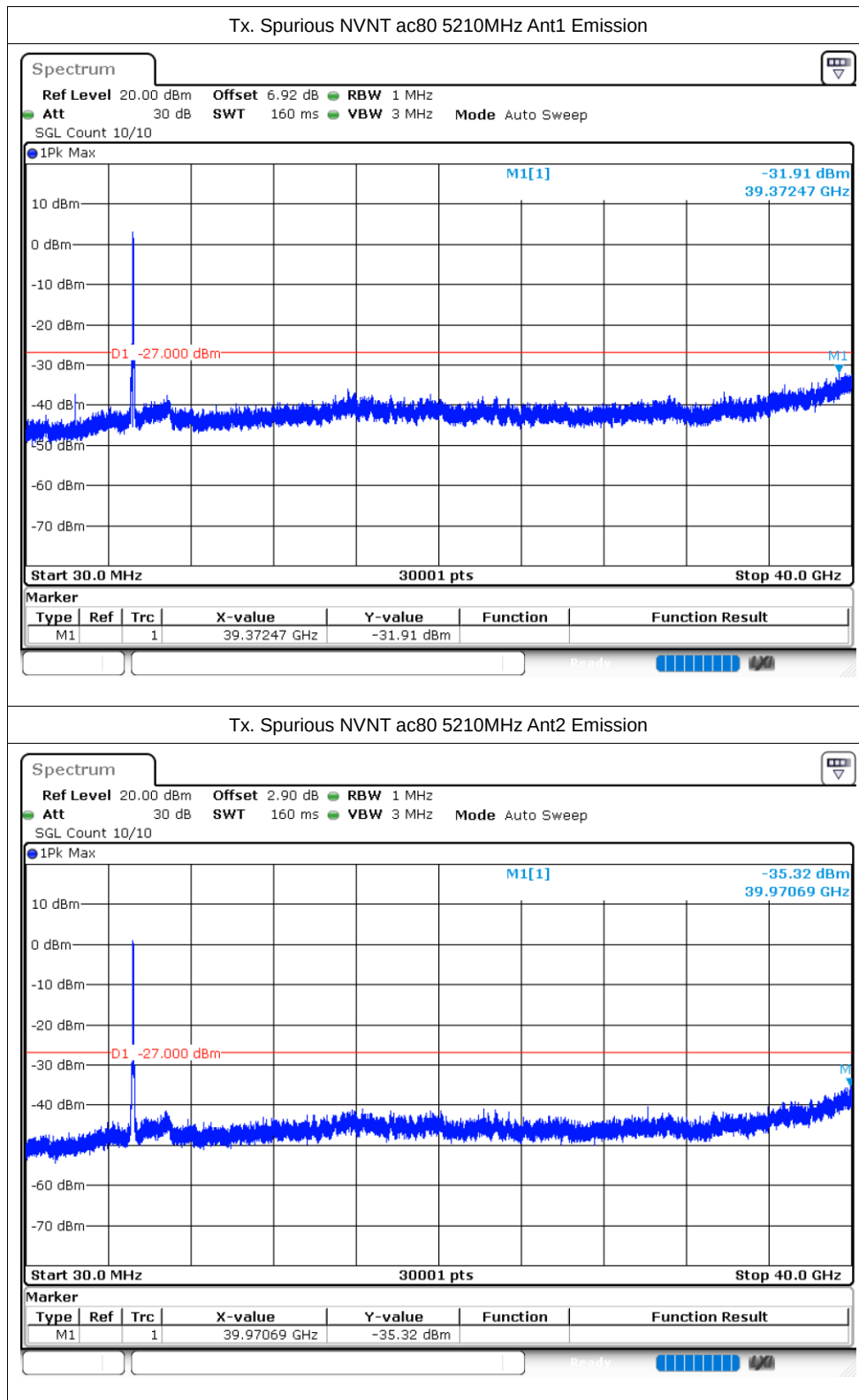
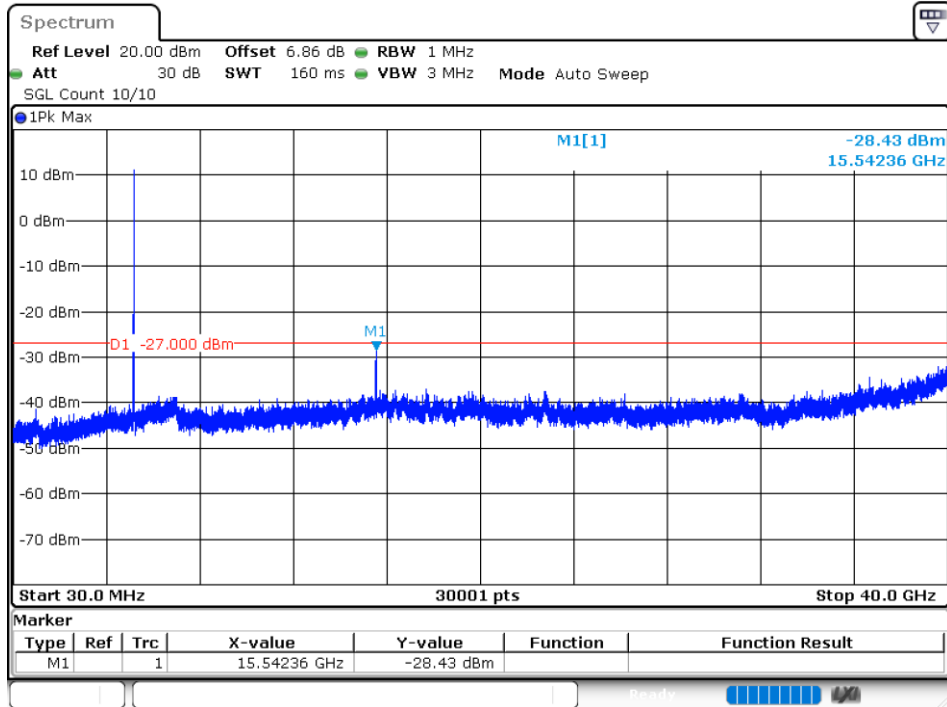


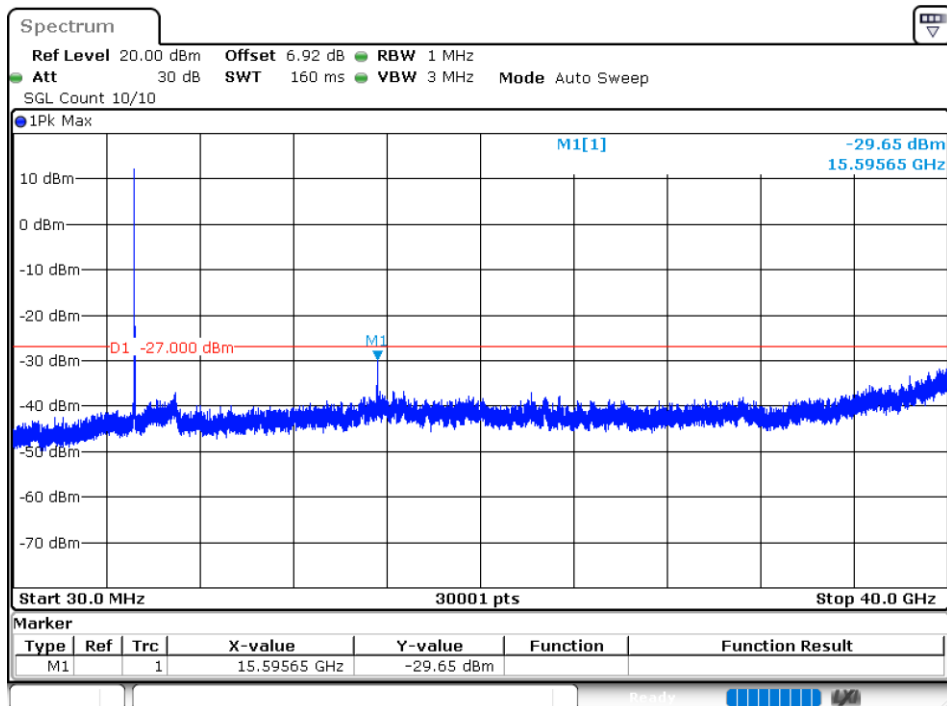




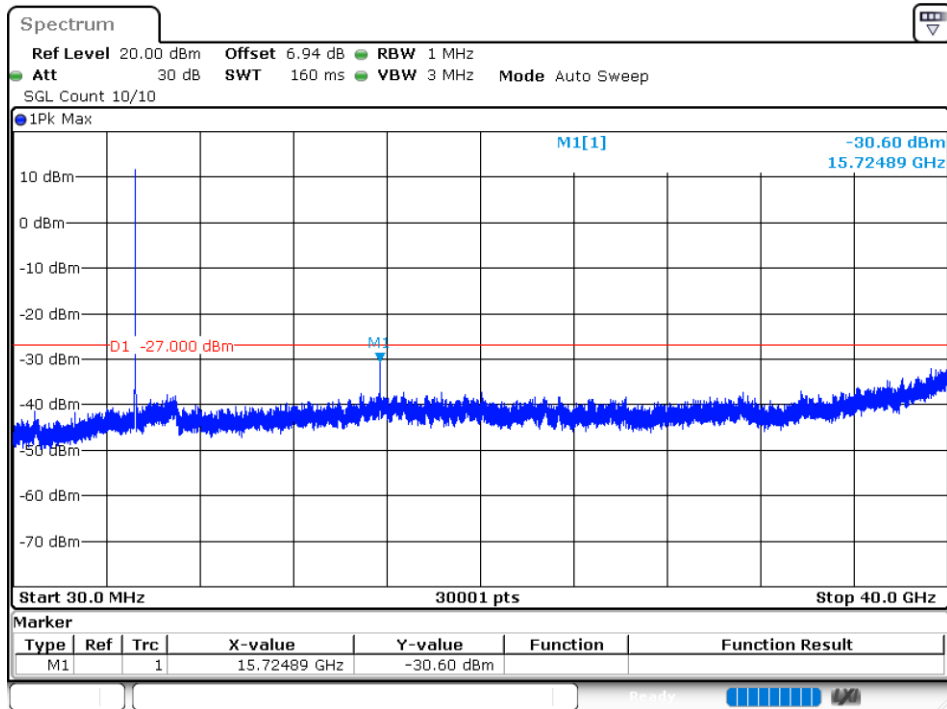
Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



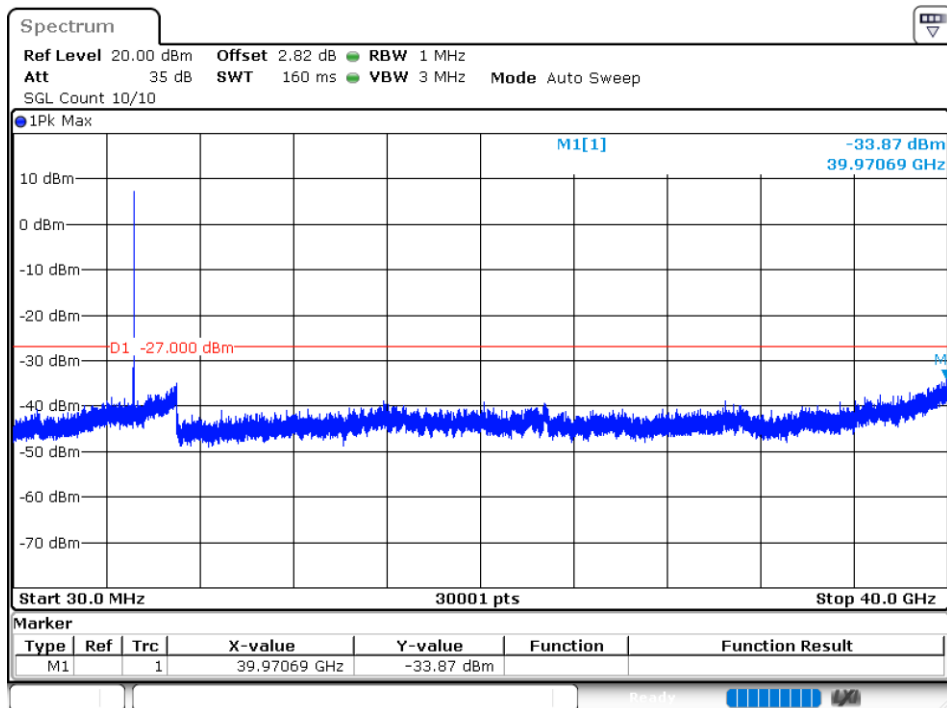
Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



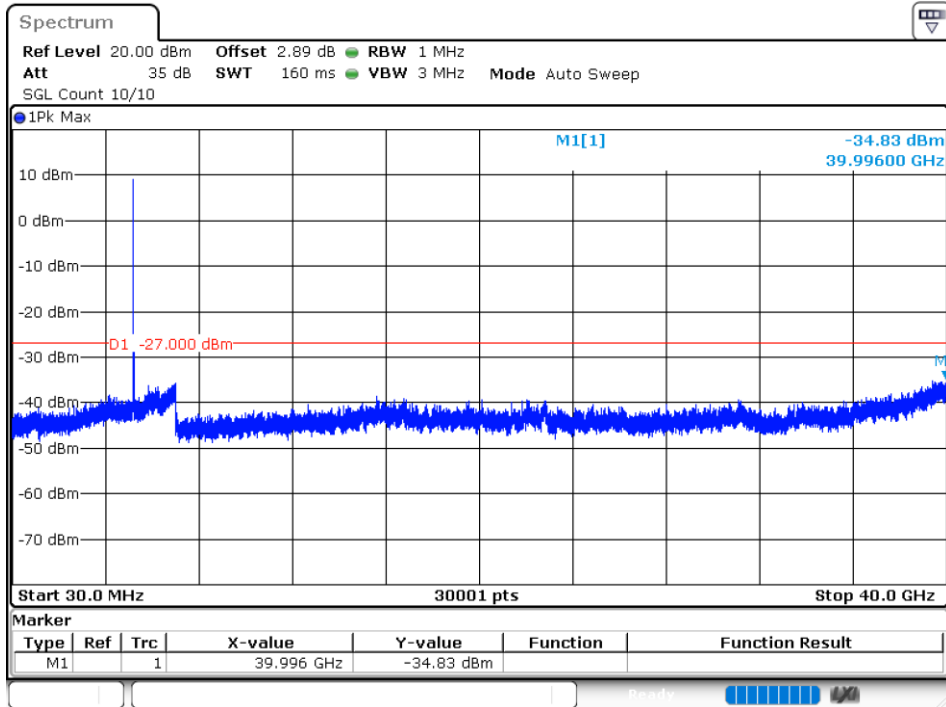
Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



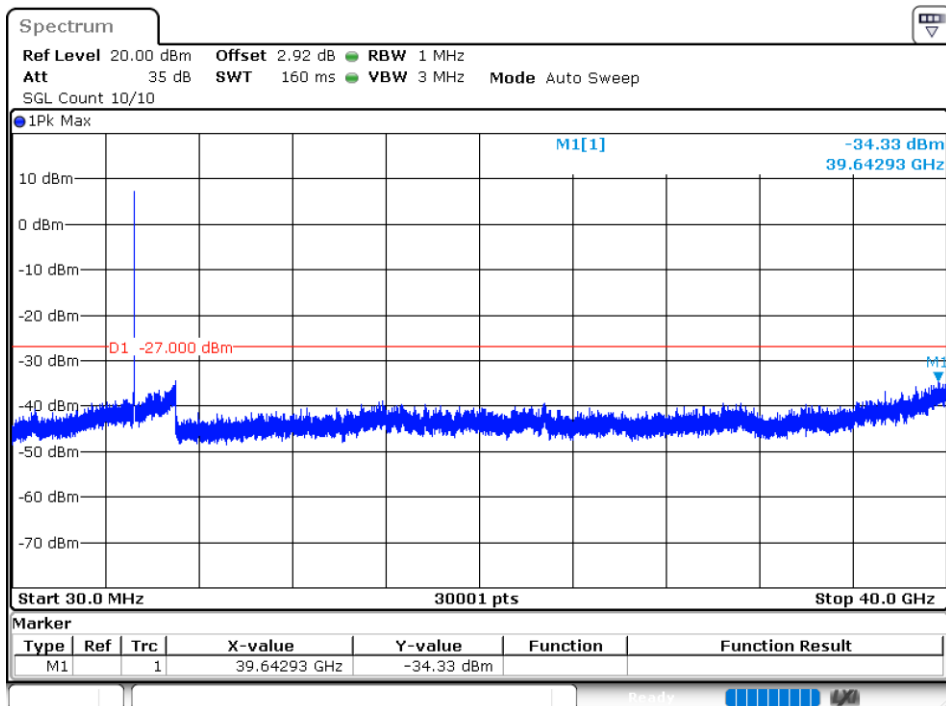
Tx. Spurious NVNT ax20 5180MHz Ant2 Emission

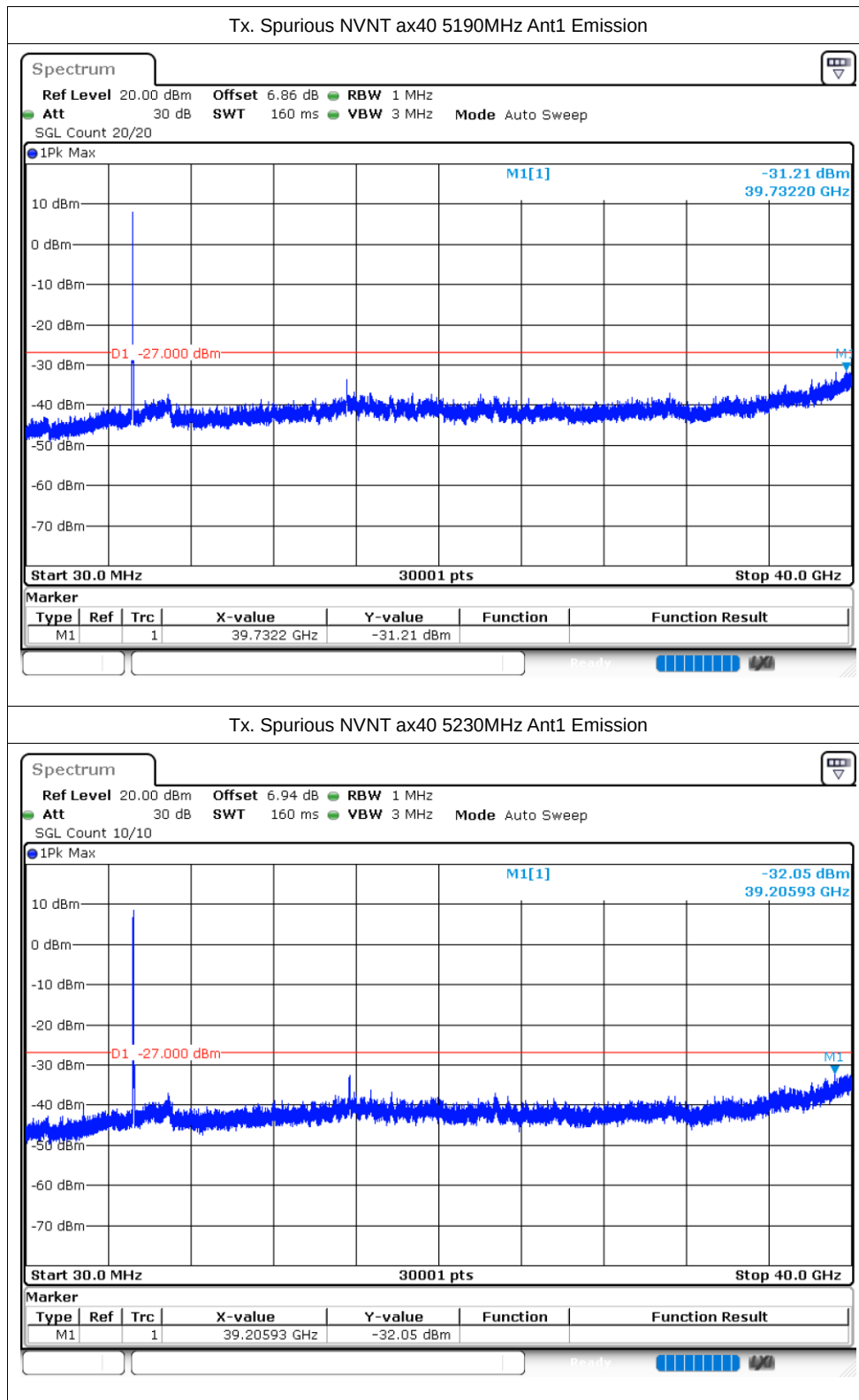


Tx. Spurious NVNT ax20 5200MHz Ant2 Emission

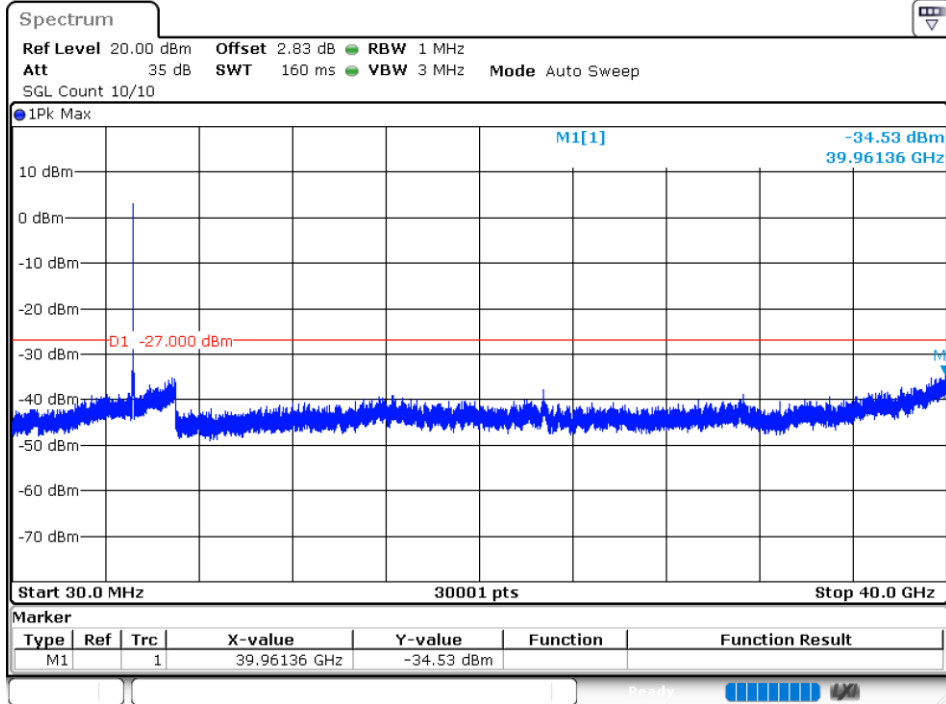


Tx. Spurious NVNT ax20 5240MHz Ant2 Emission

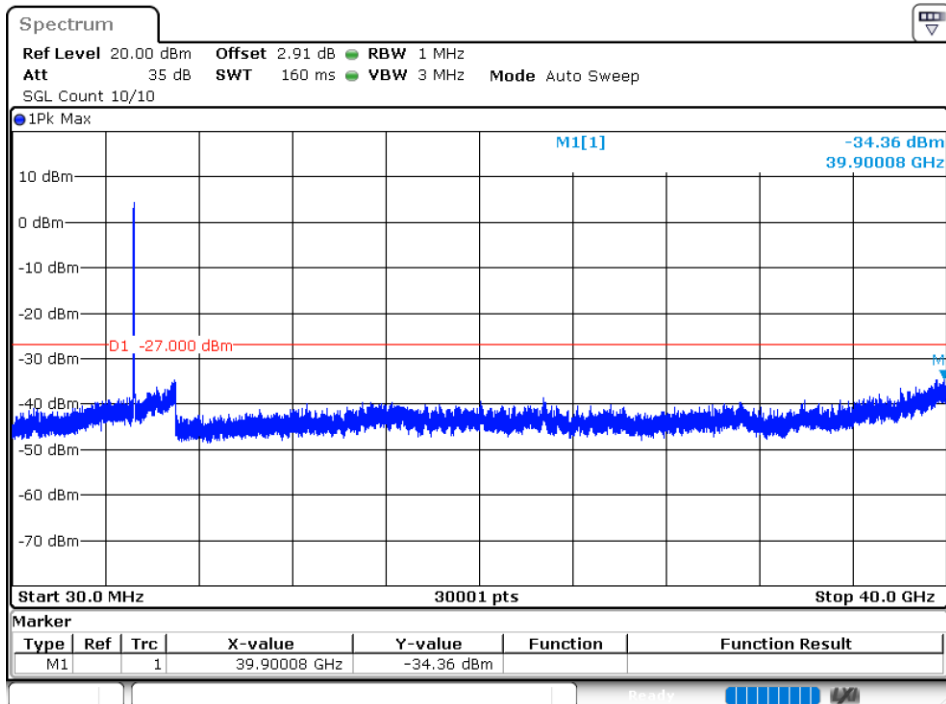




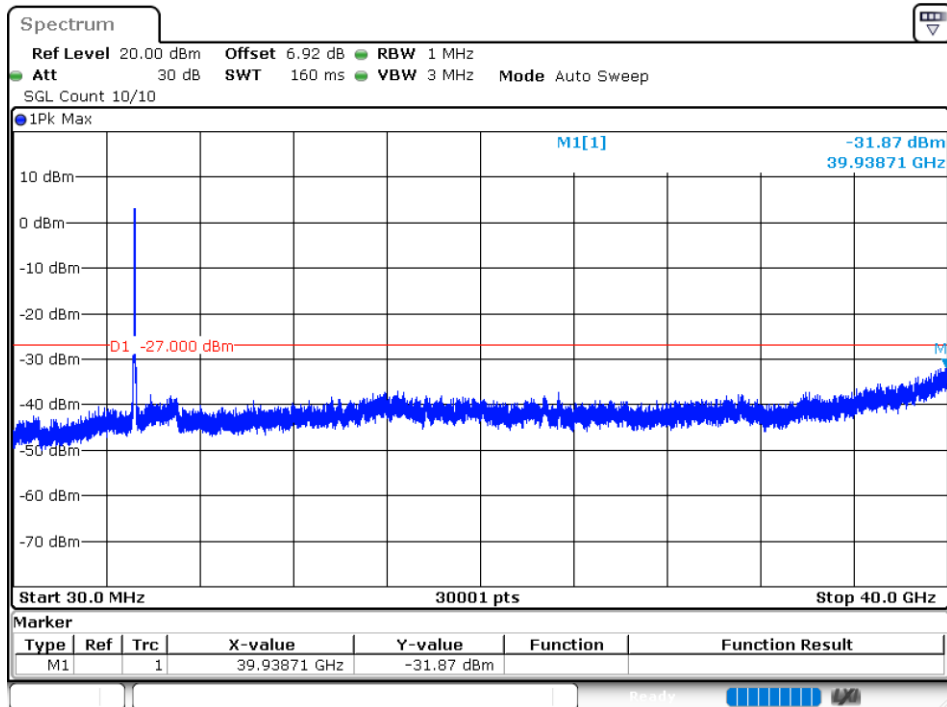
Tx. Spurious NVNT ax40 5190MHz Ant2 Emission



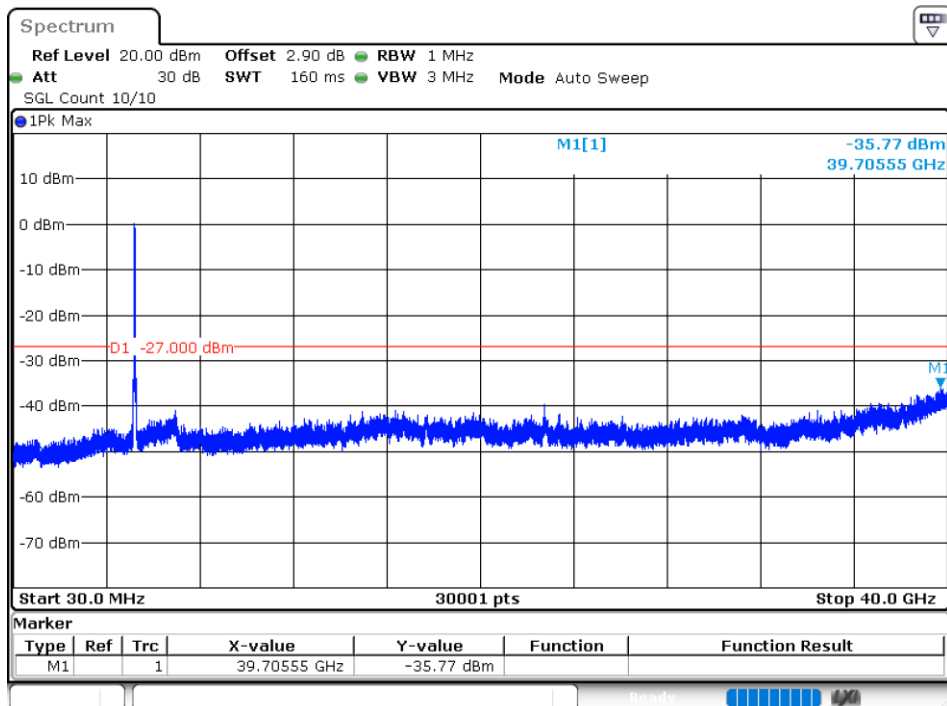
Tx. Spurious NVNT ax40 5230MHz Ant2 Emission



Tx. Spurious NVNT ax80 5210MHz Ant1 Emission



Tx. Spurious NVNT ax80 5210MHz 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	12.51	24	Pass
NVNT	ac20	5180	Ant2	13.6	24	Pass
NVNT	ac20	5180	Sum	16.1	24	Pass
NVNT	ac20	5200	Ant1	12.75	24	Pass
NVNT	ac20	5200	Ant2	13.06	24	Pass
NVNT	ac20	5200	Sum	15.92	24	Pass
NVNT	ac20	5240	Ant1	12.56	24	Pass
NVNT	ac20	5240	Ant2	12.96	24	Pass
NVNT	ac20	5240	Sum	15.77	24	Pass
NVNT	ac40	5190	Ant1	11.86	24	Pass
NVNT	ac40	5190	Ant2	12.24	24	Pass
NVNT	ac40	5190	Sum	15.06	24	Pass
NVNT	ac40	5230	Ant1	11.71	24	Pass
NVNT	ac40	5230	Ant2	12.14	24	Pass
NVNT	ac40	5230	Sum	14.94	24	Pass
NVNT	ac80	5210	Ant1	10.61	24	Pass
NVNT	ac80	5210	Ant2	10.79	24	Pass
NVNT	ac80	5210	Sum	13.71	24	Pass
NVNT	ax20	5180	Ant1	13.13	24	Pass
NVNT	ax20	5180	Ant2	13.92	24	Pass
NVNT	ax20	5180	Sum	16.55	24	Pass
NVNT	ax20	5200	Ant1	12.8	24	Pass
NVNT	ax20	5200	Ant2	13.3	24	Pass
NVNT	ax20	5200	Sum	16.07	24	Pass
NVNT	ax20	5240	Ant1	12.85	24	Pass
NVNT	ax20	5240	Ant2	13.15	24	Pass
NVNT	ax20	5240	Sum	16.01	24	Pass
NVNT	ax40	5190	Ant1	12.18	24	Pass
NVNT	ax40	5190	Ant2	12.4	24	Pass
NVNT	ax40	5190	Sum	15.3	24	Pass
NVNT	ax40	5230	Ant1	12.1	24	Pass
NVNT	ax40	5230	Ant2	12.42	24	Pass
NVNT	ax40	5230	Sum	15.27	24	Pass
NVNT	ax80	5210	Ant1	12.05	24	Pass
NVNT	ax80	5210	Ant2	12.16	24	Pass
NVNT	ax80	5210	Sum	15.12	24	Pass

NVNT	n20	5180	Ant1	12.63	24	Pass
NVNT	n20	5180	Ant2	12.93	24	Pass
NVNT	n20	5180	Sum	15.79	24	Pass
NVNT	n20	5200	Ant1	12.84	24	Pass
NVNT	n20	5200	Ant2	13.01	24	Pass
NVNT	n20	5200	Sum	15.94	24	Pass
NVNT	n20	5240	Ant1	12.63	24	Pass
NVNT	n20	5240	Ant2	12.91	24	Pass
NVNT	n20	5240	Sum	15.78	24	Pass
NVNT	n40	5190	Ant1	11.99	24	Pass
NVNT	n40	5190	Ant2	12.14	24	Pass
NVNT	n40	5190	Sum	15.08	24	Pass
NVNT	n40	5230	Ant1	11.8	24	Pass
NVNT	n40	5230	Ant2	12.16	24	Pass
NVNT	n40	5230	Sum	14.99	24	Pass

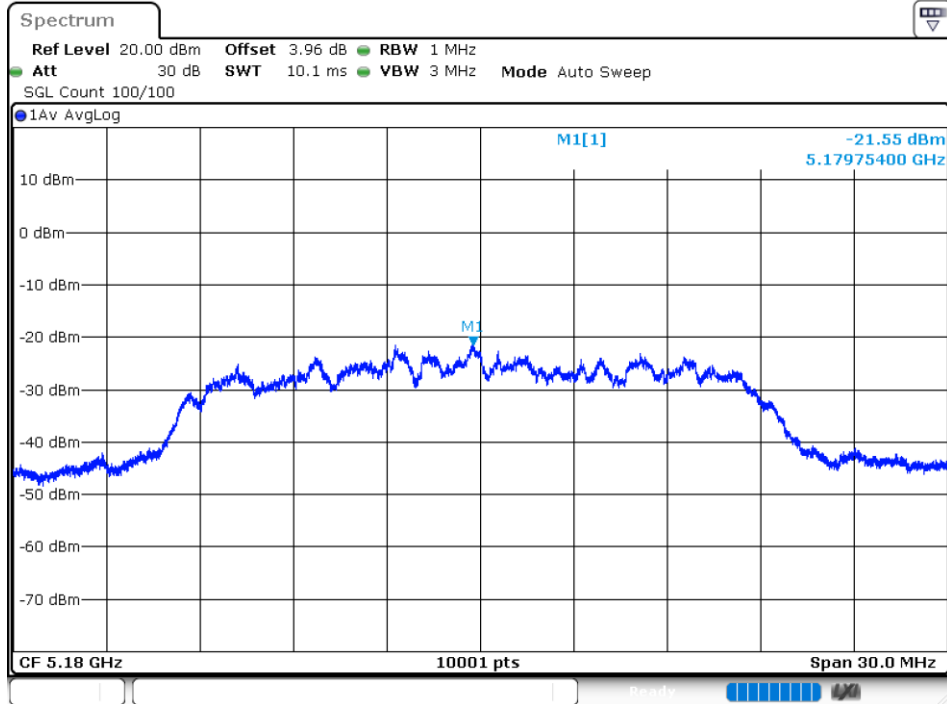
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	-21.55	2.4	-19.15	5.73	Pass
NVNT	ac20	5180	Ant2	-21.49	2.4	-19.09	5.73	Pass
NVNT	ac20	5180	Sum	-18.51	2.4	-16.11	5.73	Pass
NVNT	ac20	5200	Ant1	-22.57	2.67	-19.9	5.73	Pass
NVNT	ac20	5200	Ant2	-22.81	2.67	-20.14	5.73	Pass
NVNT	ac20	5200	Sum	-19.68	2.67	-17.01	5.73	Pass
NVNT	ac20	5240	Ant1	-22.93	2.64	-20.29	5.73	Pass
NVNT	ac20	5240	Ant2	-20.61	2.64	-17.97	5.73	Pass
NVNT	ac20	5240	Sum	-18.61	2.64	-15.97	5.73	Pass
NVNT	ac40	5190	Ant1	-31.91	4.24	-27.67	5.73	Pass
NVNT	ac40	5190	Ant2	-32.31	4.24	-28.07	5.73	Pass
NVNT	ac40	5190	Sum	-29.1	4.24	-24.86	5.73	Pass
NVNT	ac40	5230	Ant1	-31.47	4.23	-27.24	5.73	Pass
NVNT	ac40	5230	Ant2	-30.34	4.23	-26.11	5.73	Pass
NVNT	ac40	5230	Sum	-27.86	4.23	-23.63	5.73	Pass
NVNT	ac80	5210	Ant1	-41.32	6.42	-34.9	5.73	Pass
NVNT	ac80	5210	Ant2	-41.4	6.42	-34.98	5.73	Pass
NVNT	ac80	5210	Sum	-38.35	6.42	-31.93	5.73	Pass
NVNT	ax20	5180	Ant1	-26.51	3.19	-23.32	5.73	Pass
NVNT	ax20	5180	Ant2	-26.46	3.19	-23.27	5.73	Pass
NVNT	ax20	5180	Sum	-23.47	3.19	-20.28	5.73	Pass
NVNT	ax20	5200	Ant1	-26.4	3.11	-23.29	5.73	Pass
NVNT	ax20	5200	Ant2	-25.79	3.11	-22.68	5.73	Pass
NVNT	ax20	5200	Sum	-23.07	3.11	-19.96	5.73	Pass
NVNT	ax20	5240	Ant1	-25.67	3.09	-22.58	5.73	Pass
NVNT	ax20	5240	Ant2	-26.21	3.09	-23.12	5.73	Pass
NVNT	ax20	5240	Sum	-22.92	3.09	-19.83	5.73	Pass
NVNT	ax40	5190	Ant1	-34.57	4.72	-29.85	5.73	Pass
NVNT	ax40	5190	Ant2	-33.02	4.72	-28.3	5.73	Pass
NVNT	ax40	5190	Sum	-30.72	4.72	-26	5.73	Pass
NVNT	ax40	5230	Ant1	-35.73	4.67	-31.06	5.73	Pass
NVNT	ax40	5230	Ant2	-36.12	4.67	-31.45	5.73	Pass
NVNT	ax40	5230	Sum	-32.91	4.67	-28.24	5.73	Pass
NVNT	ax80	5210	Ant1	-37.82	6.59	-31.23	5.73	Pass
NVNT	ax80	5210	Ant2	-40	6.59	-33.41	5.73	Pass
NVNT	ax80	5210	Sum	-35.76	6.59	-29.17	5.73	Pass
NVNT	n20	5180	Ant1	-20.76	2.64	-18.12	5.73	Pass
NVNT	n20	5180	Ant2	-22.88	2.64	-20.24	5.73	Pass
NVNT	n20	5180	Sum	-18.68	2.64	-16.04	5.73	Pass
NVNT	n20	5200	Ant1	-19.68	2.41	-17.27	5.73	Pass
NVNT	n20	5200	Ant2	-18.41	2.41	-16	5.73	Pass

NVNT	n20	5200	Sum	-15.99	2.41	-13.58	5.73	Pass
NVNT	n20	5240	Ant1	-17.91	2.63	-15.28	5.73	Pass
NVNT	n20	5240	Ant2	-17.42	2.63	-14.79	5.73	Pass
NVNT	n20	5240	Sum	-14.65	2.63	-12.02	5.73	Pass
NVNT	n40	5190	Ant1	-33.64	4.29	-29.35	5.73	Pass
NVNT	n40	5190	Ant2	-31.88	4.29	-27.59	5.73	Pass
NVNT	n40	5190	Sum	-29.66	4.29	-25.37	5.73	Pass
NVNT	n40	5230	Ant1	-26.53	4.29	-22.24	5.73	Pass
NVNT	n40	5230	Ant2	-27.82	4.29	-23.53	5.73	Pass
NVNT	n40	5230	Sum	-24.12	4.29	-19.83	5.73	Pass

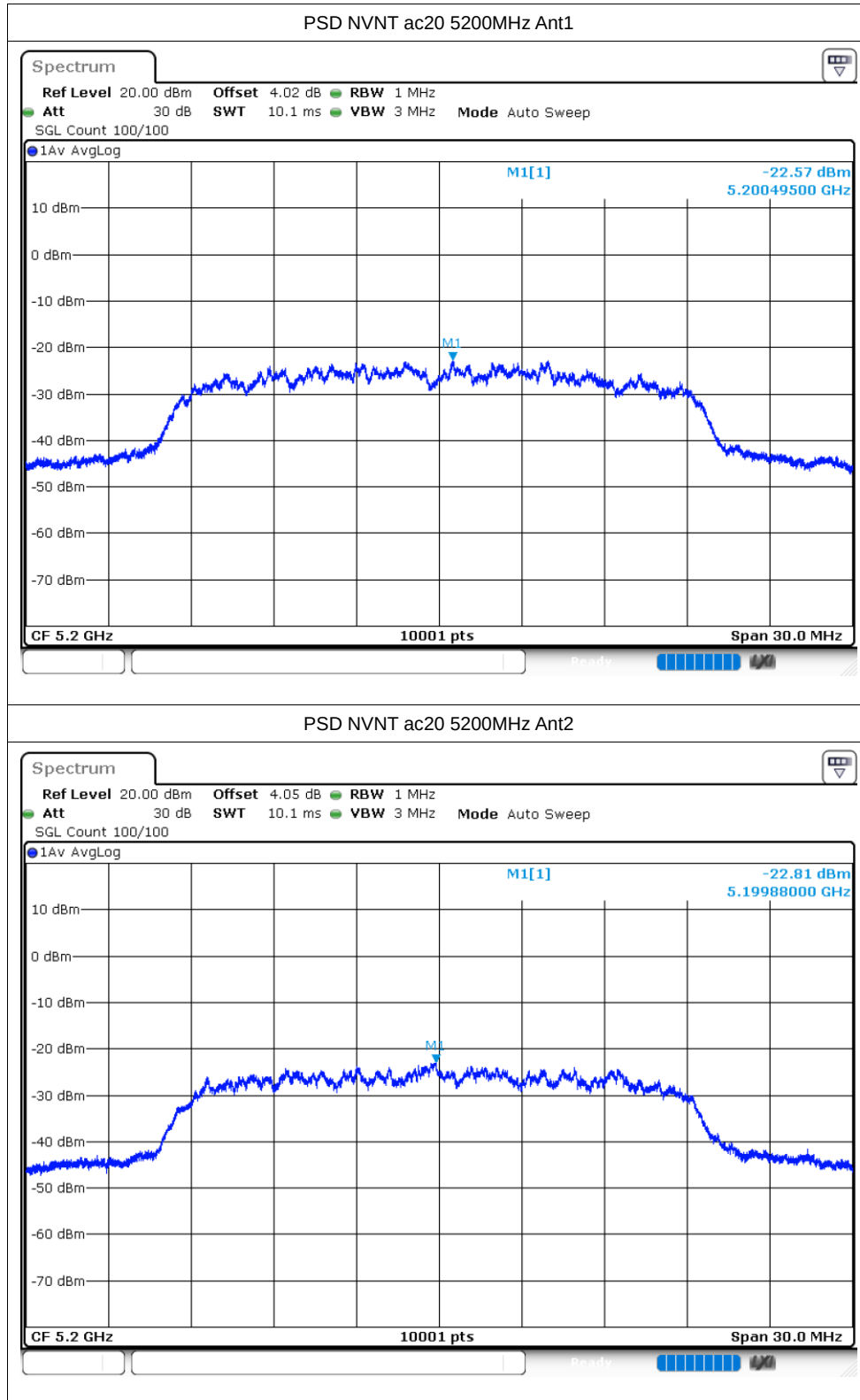
Test Graphs

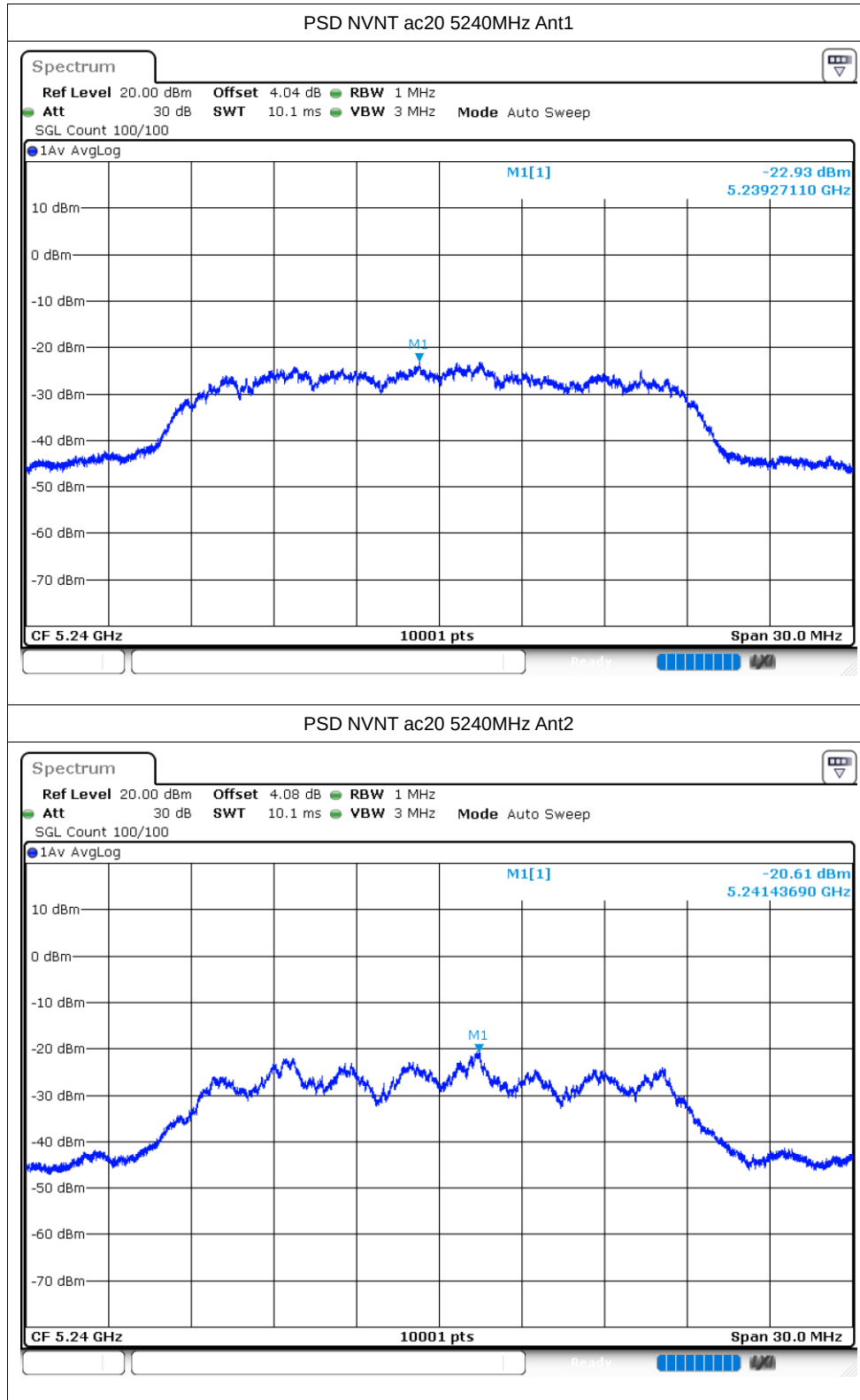
PSD NVNT ac20 5180MHz Ant1

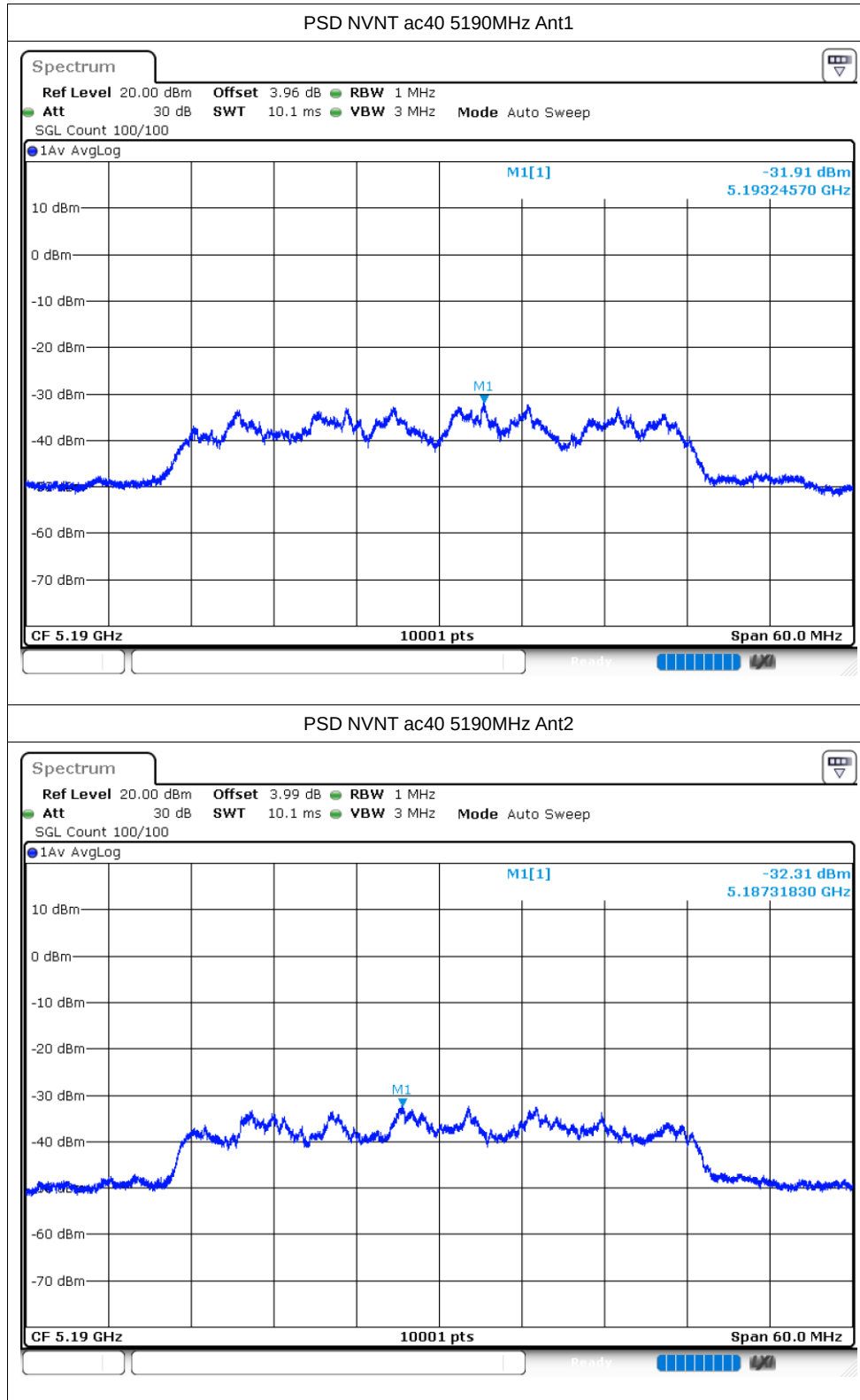


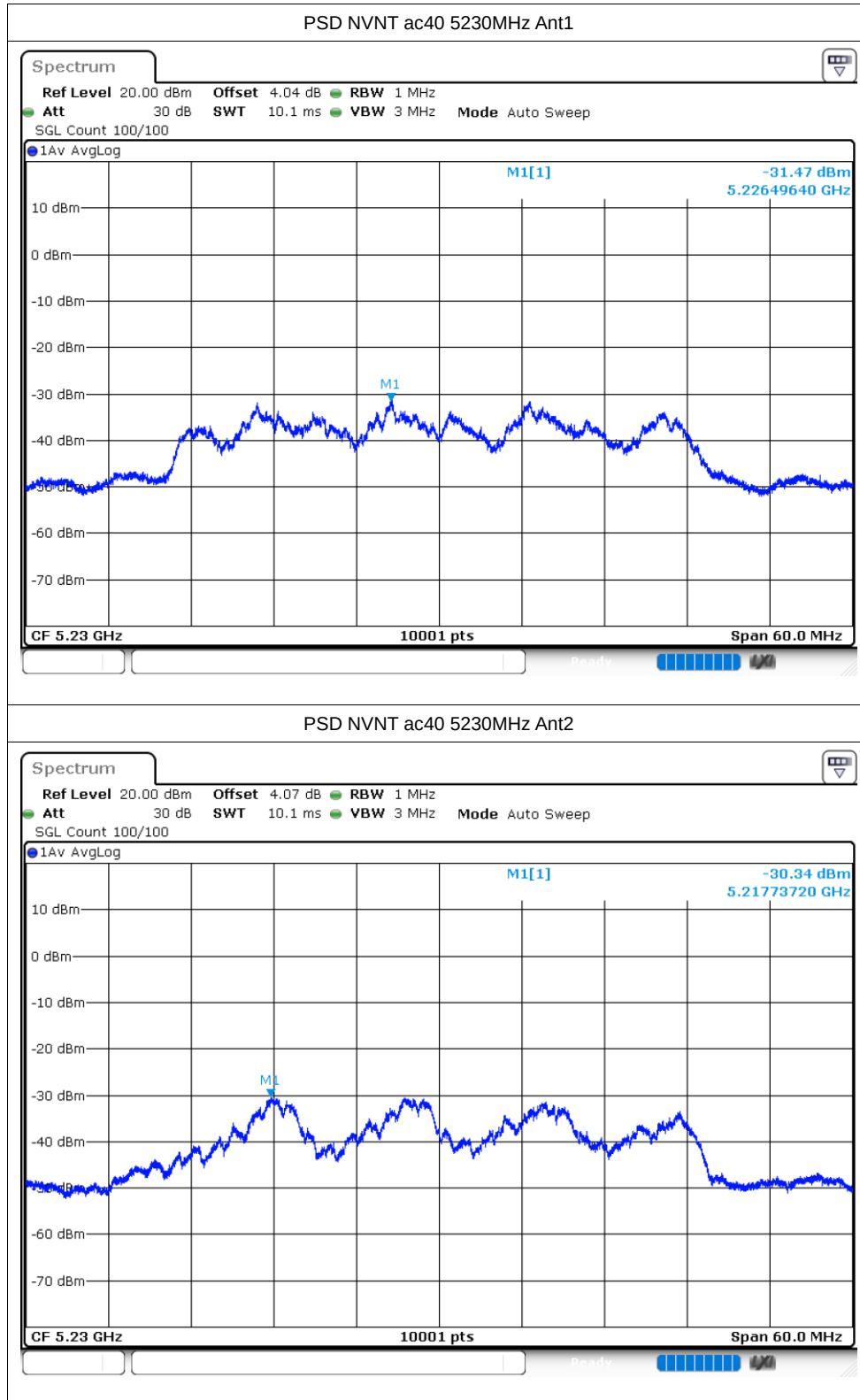
PSD NVNT ac20 5180MHz Ant2

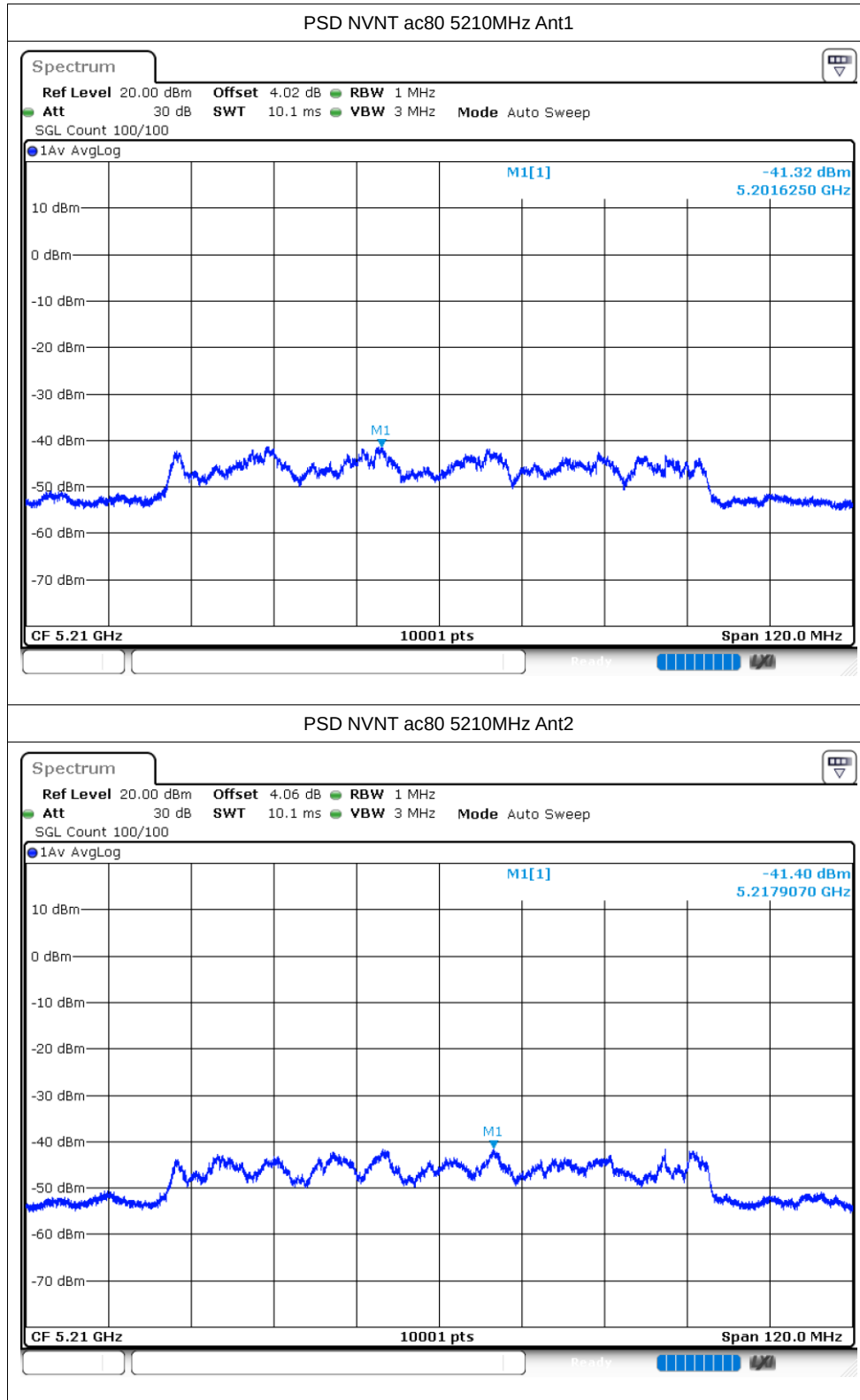


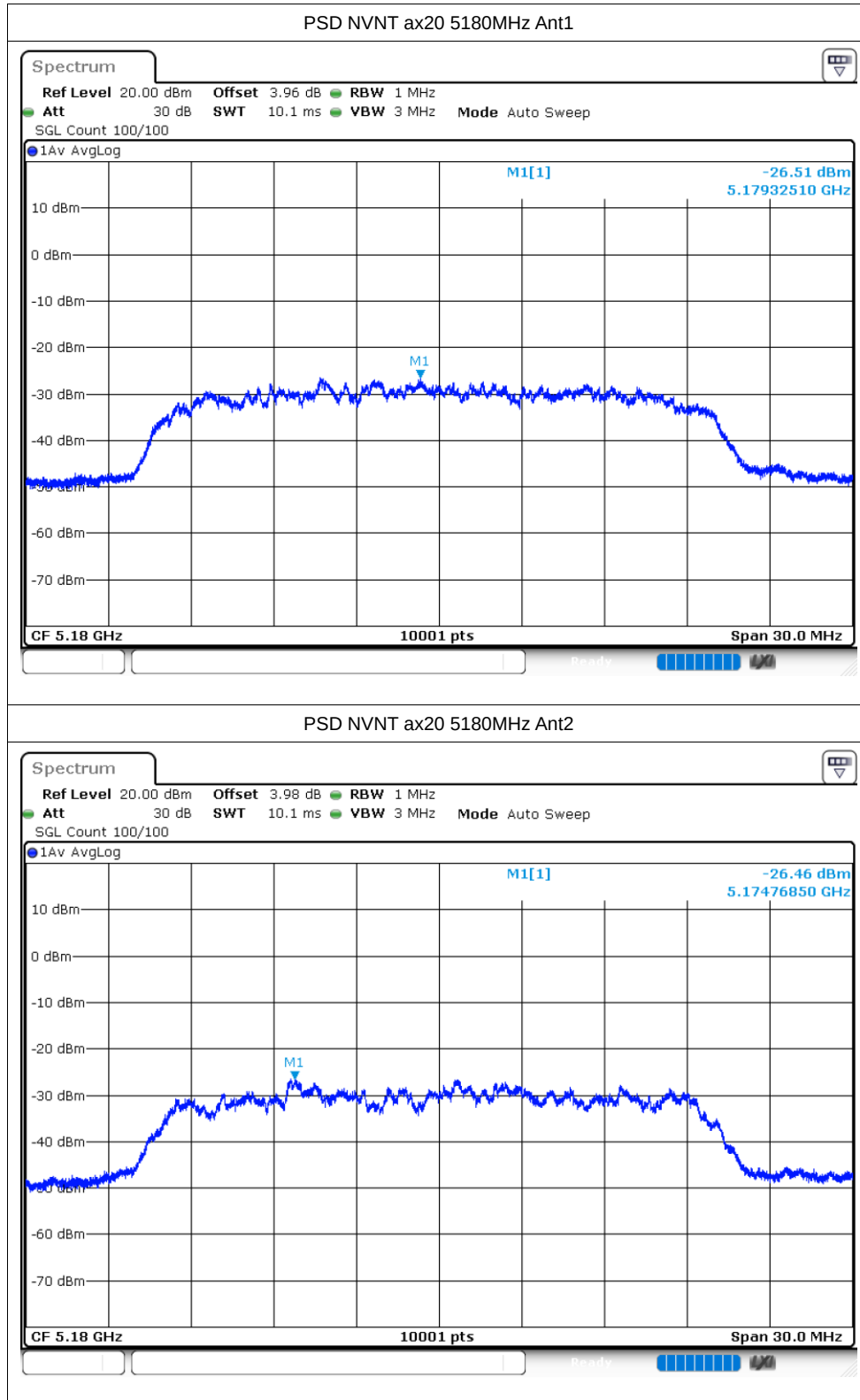


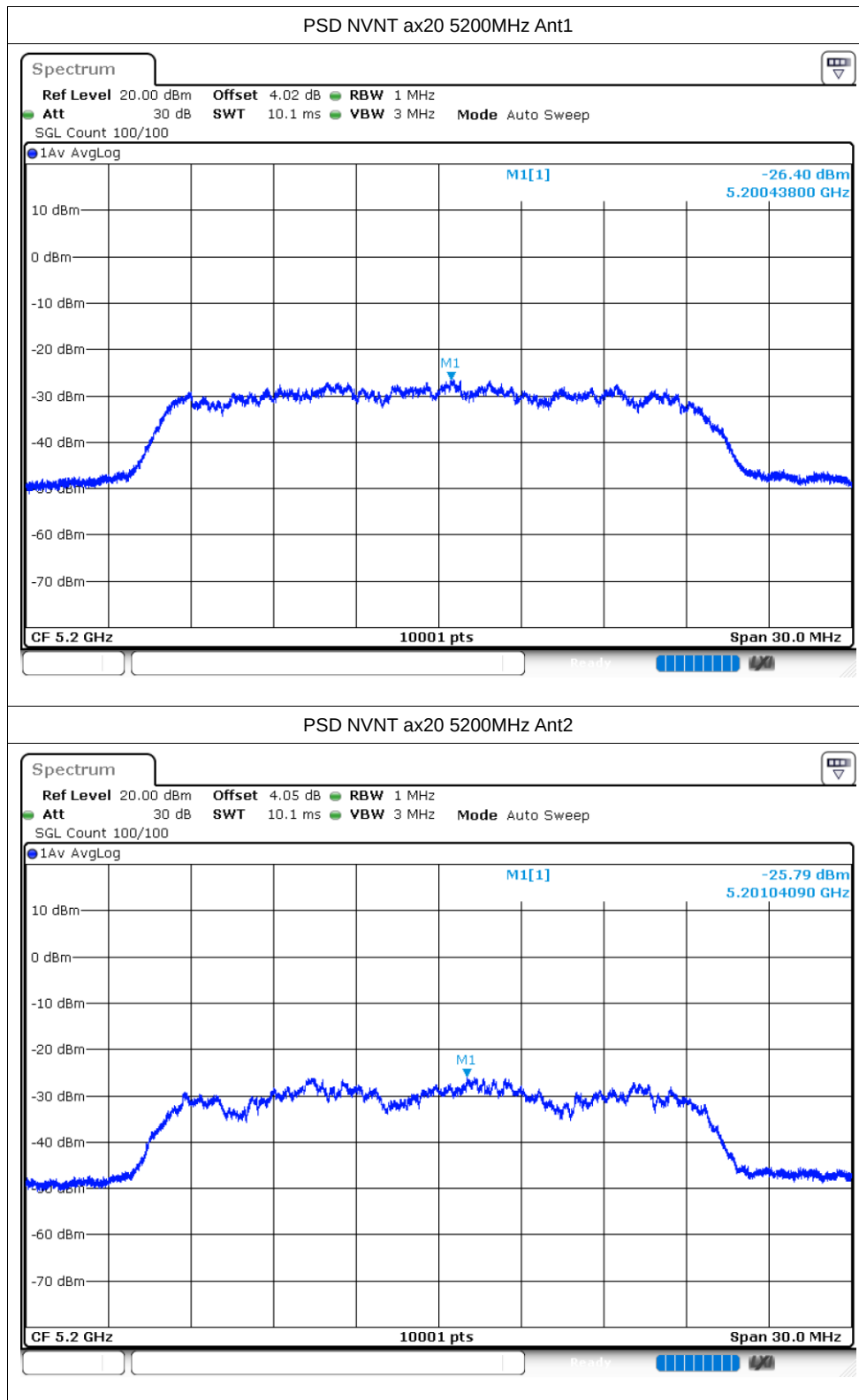


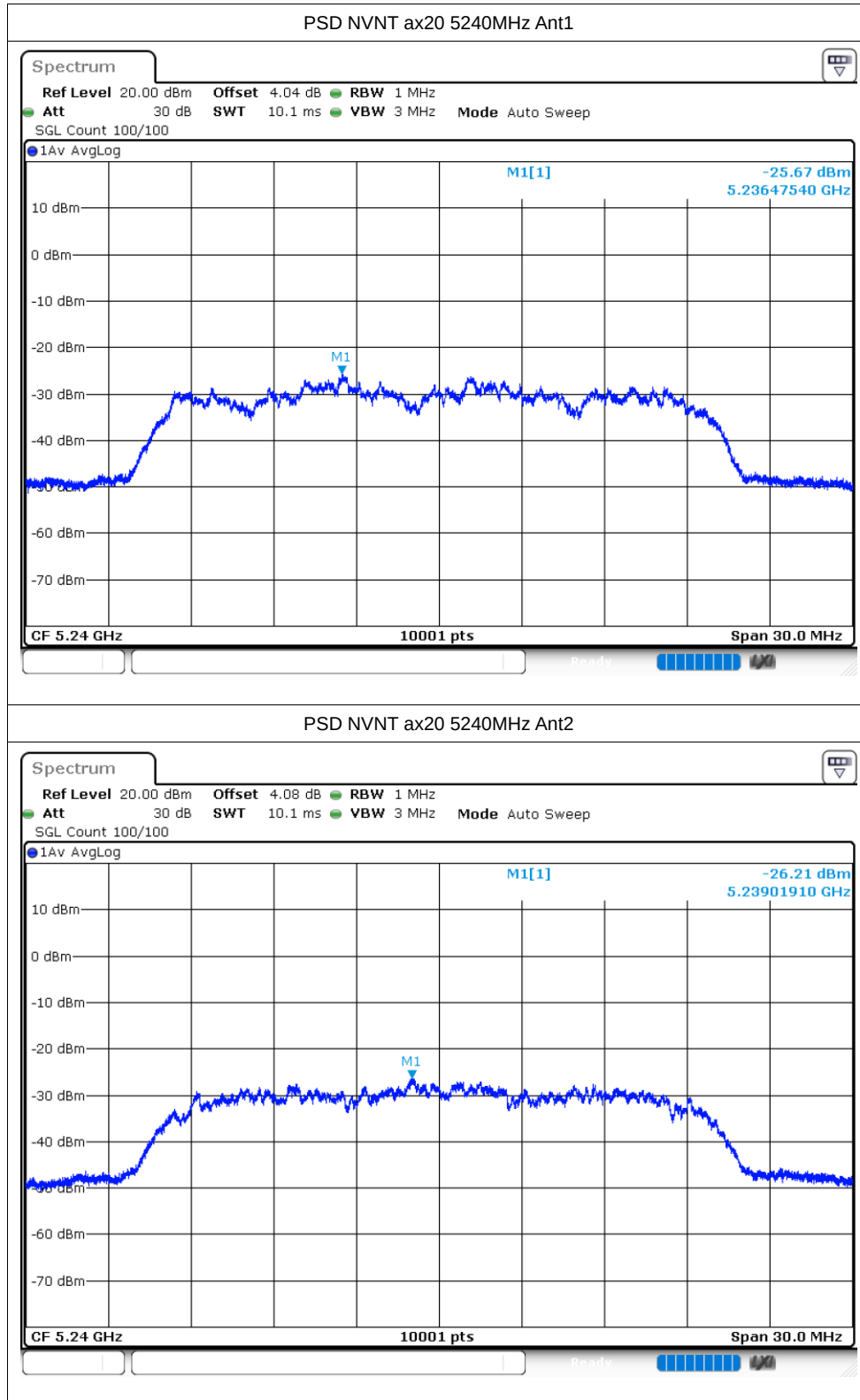


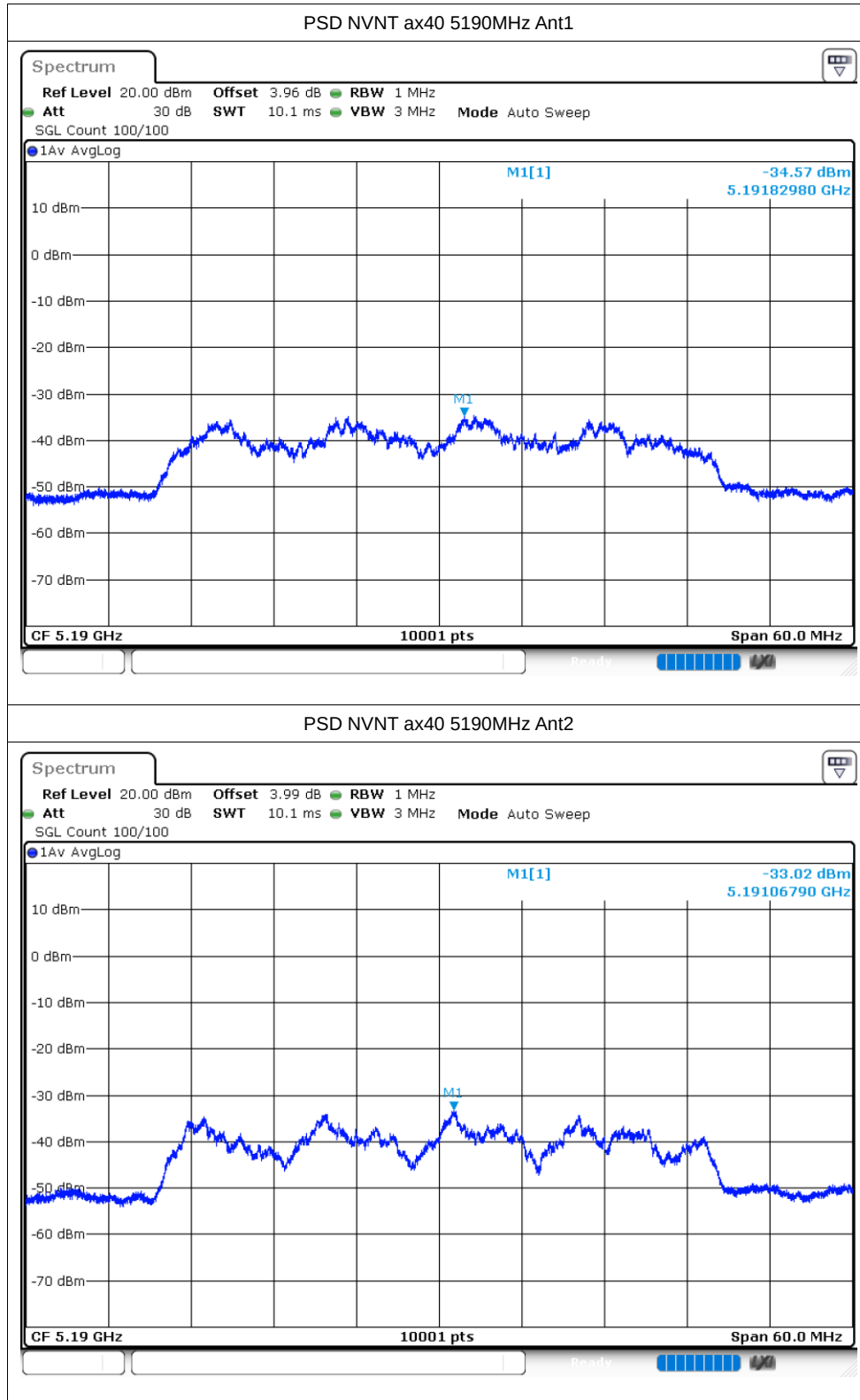


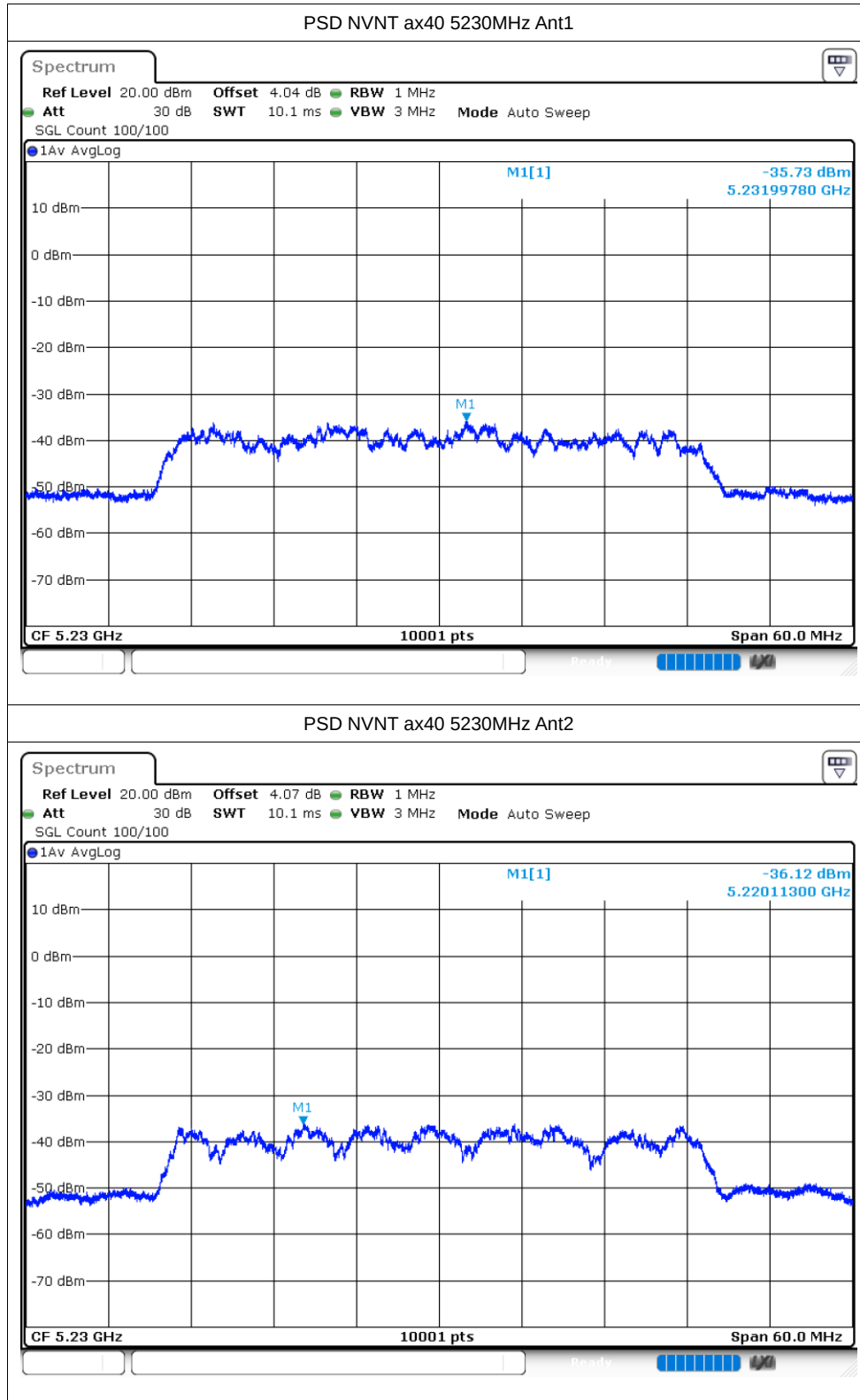


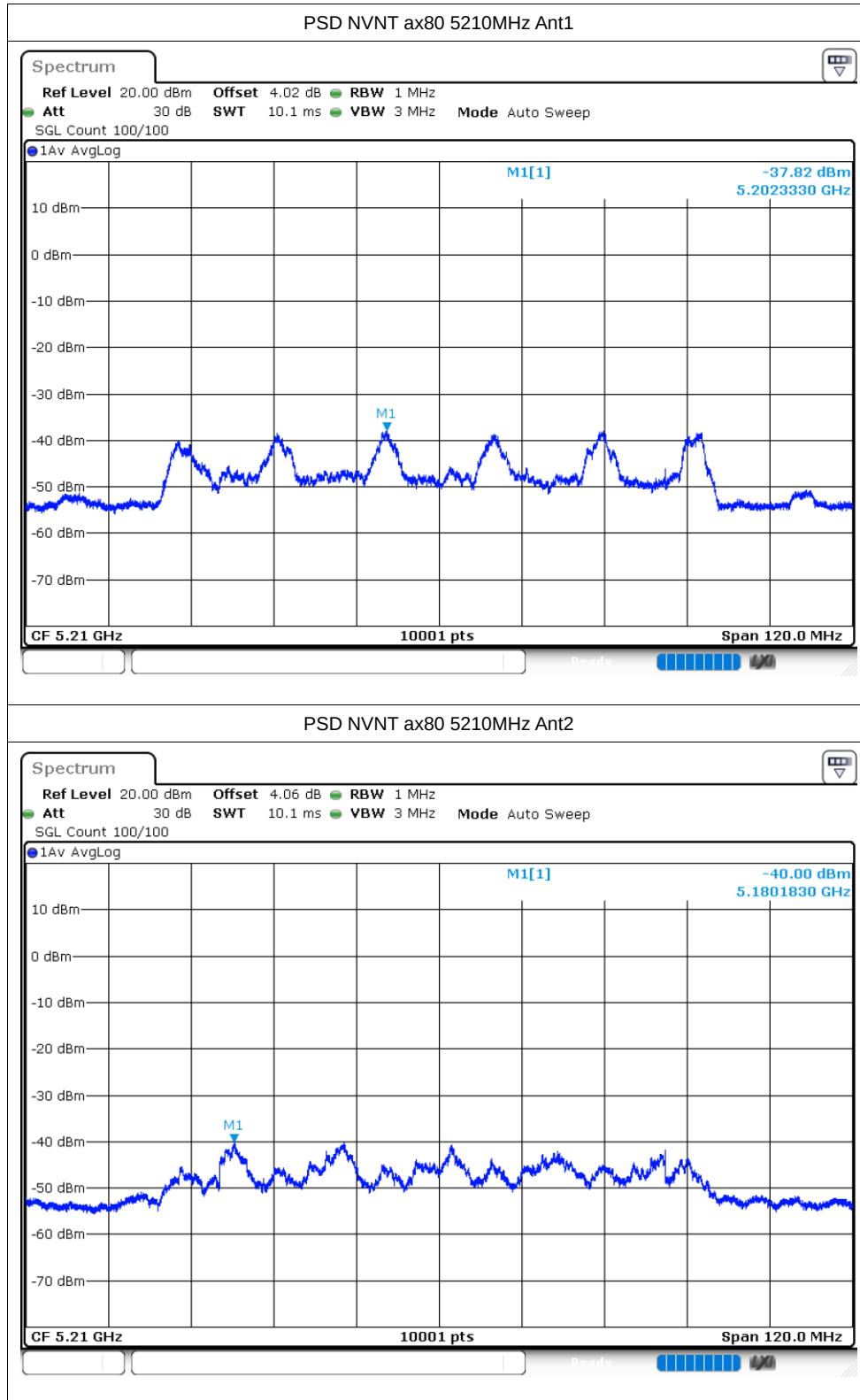


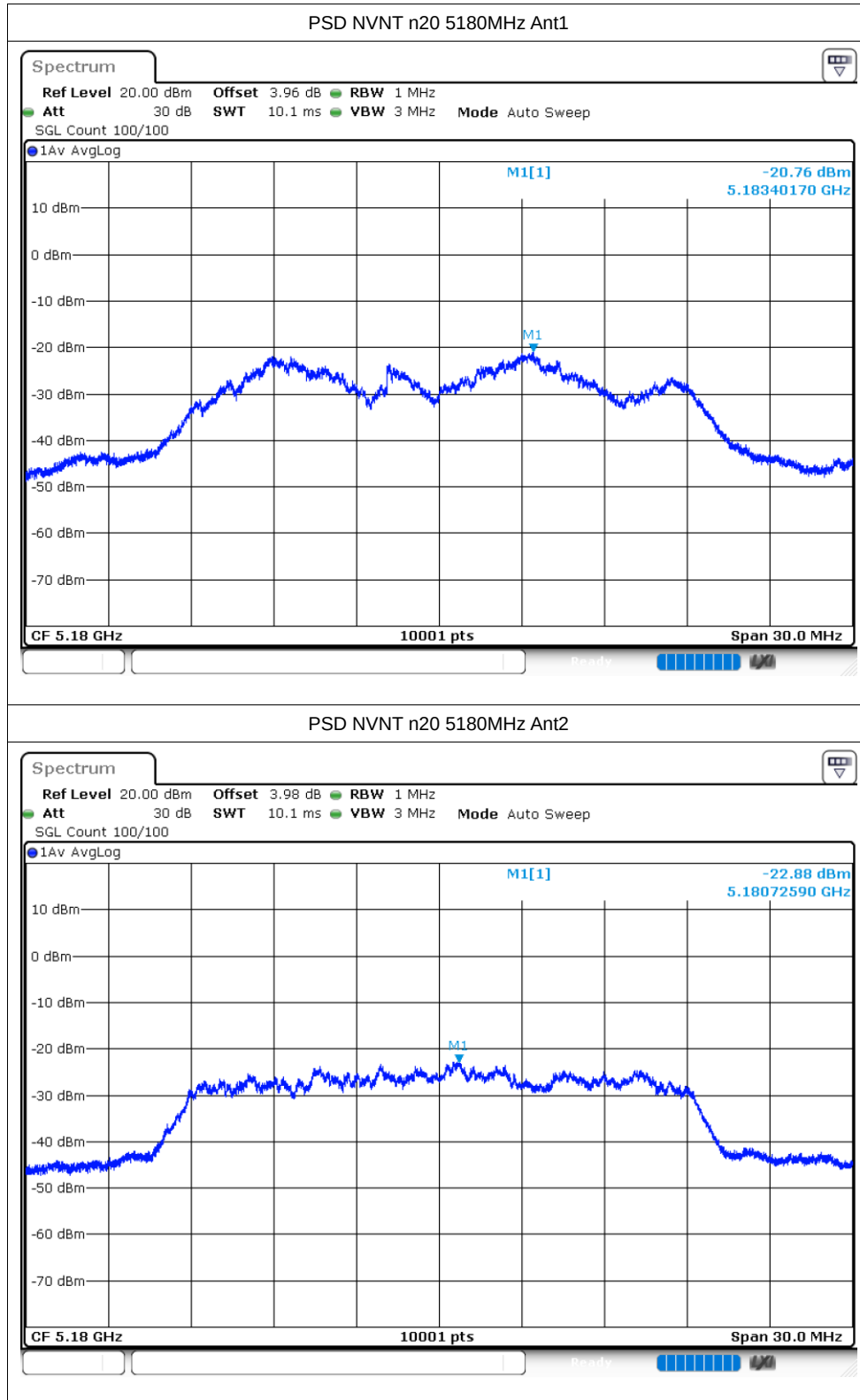


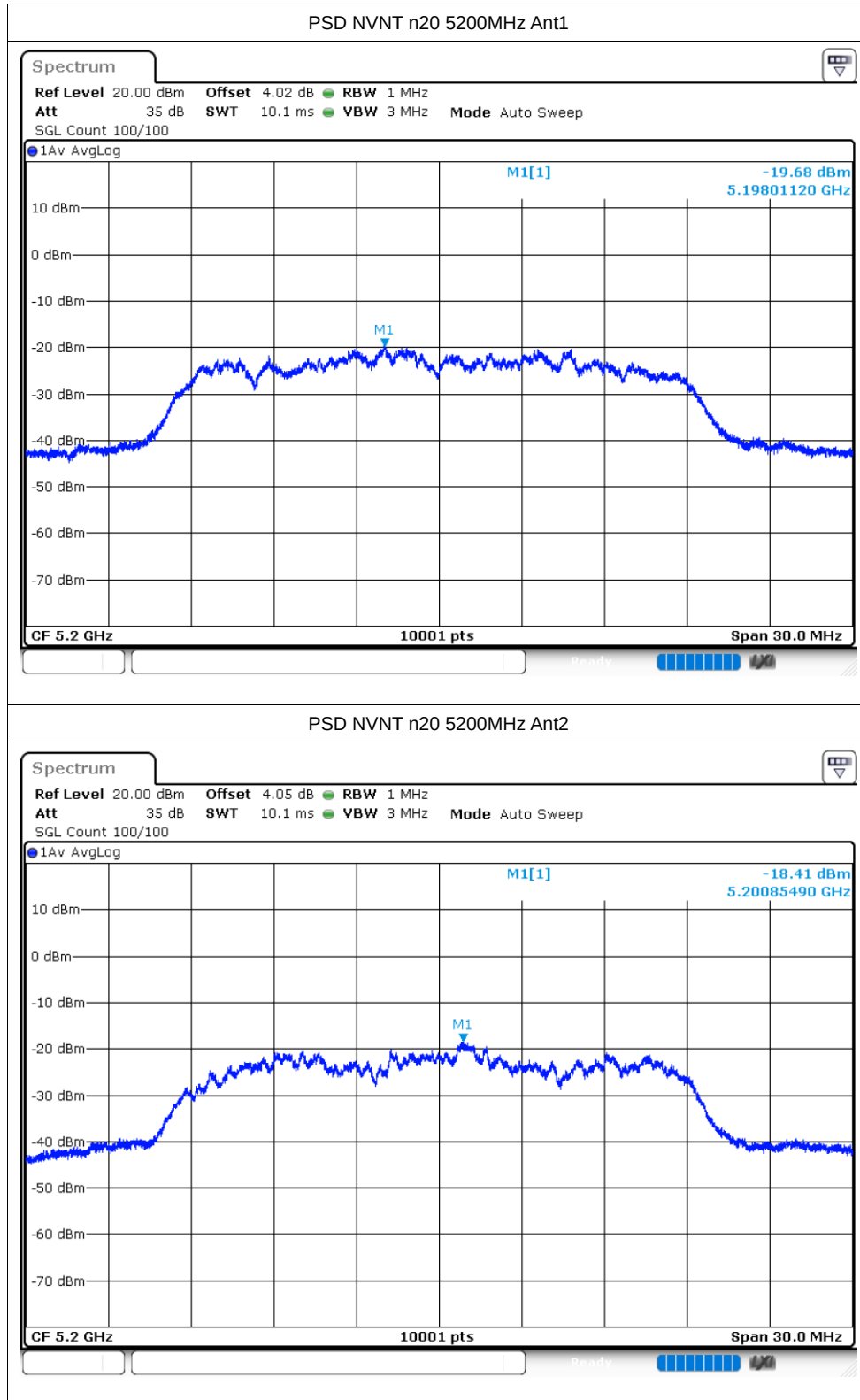


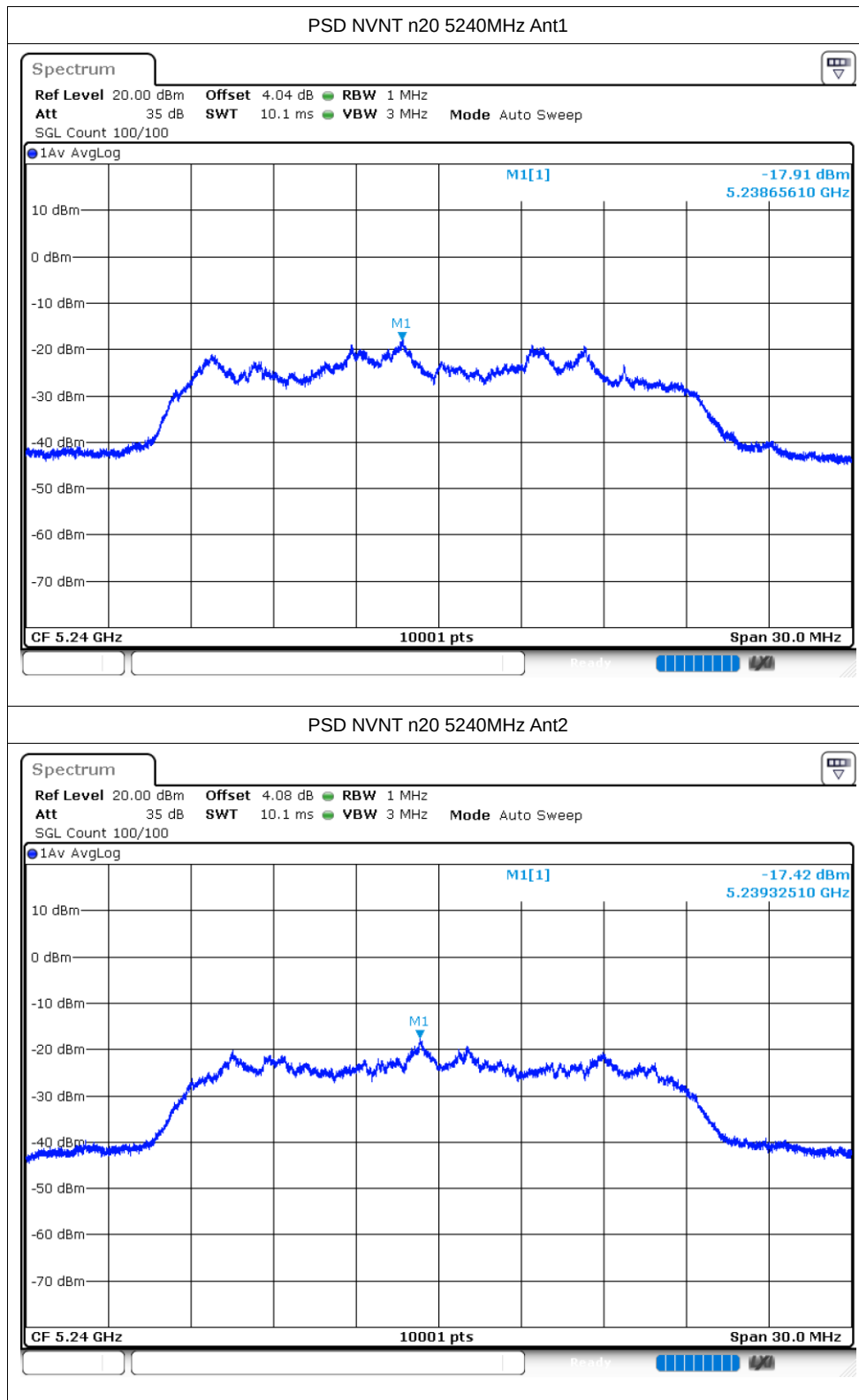


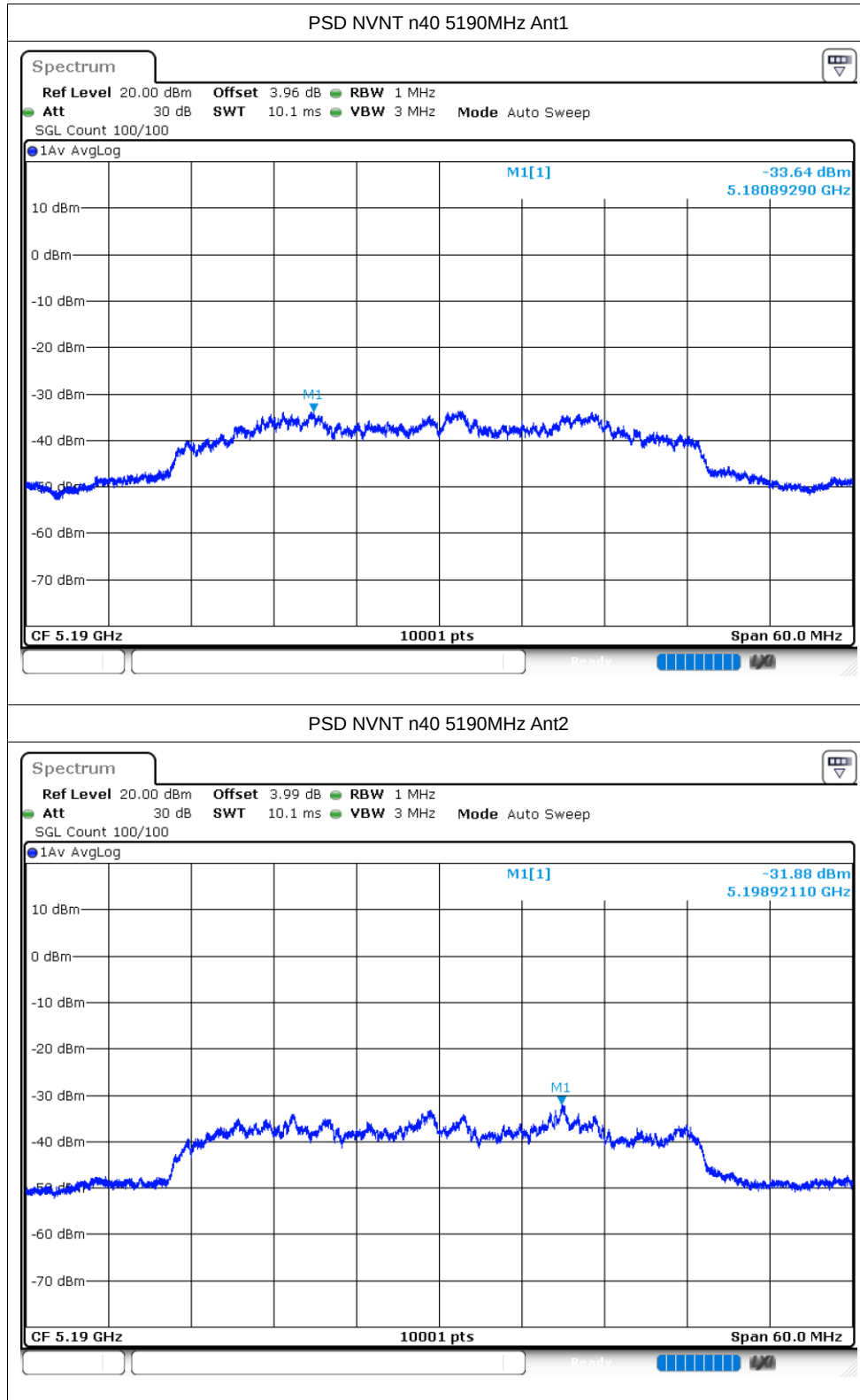


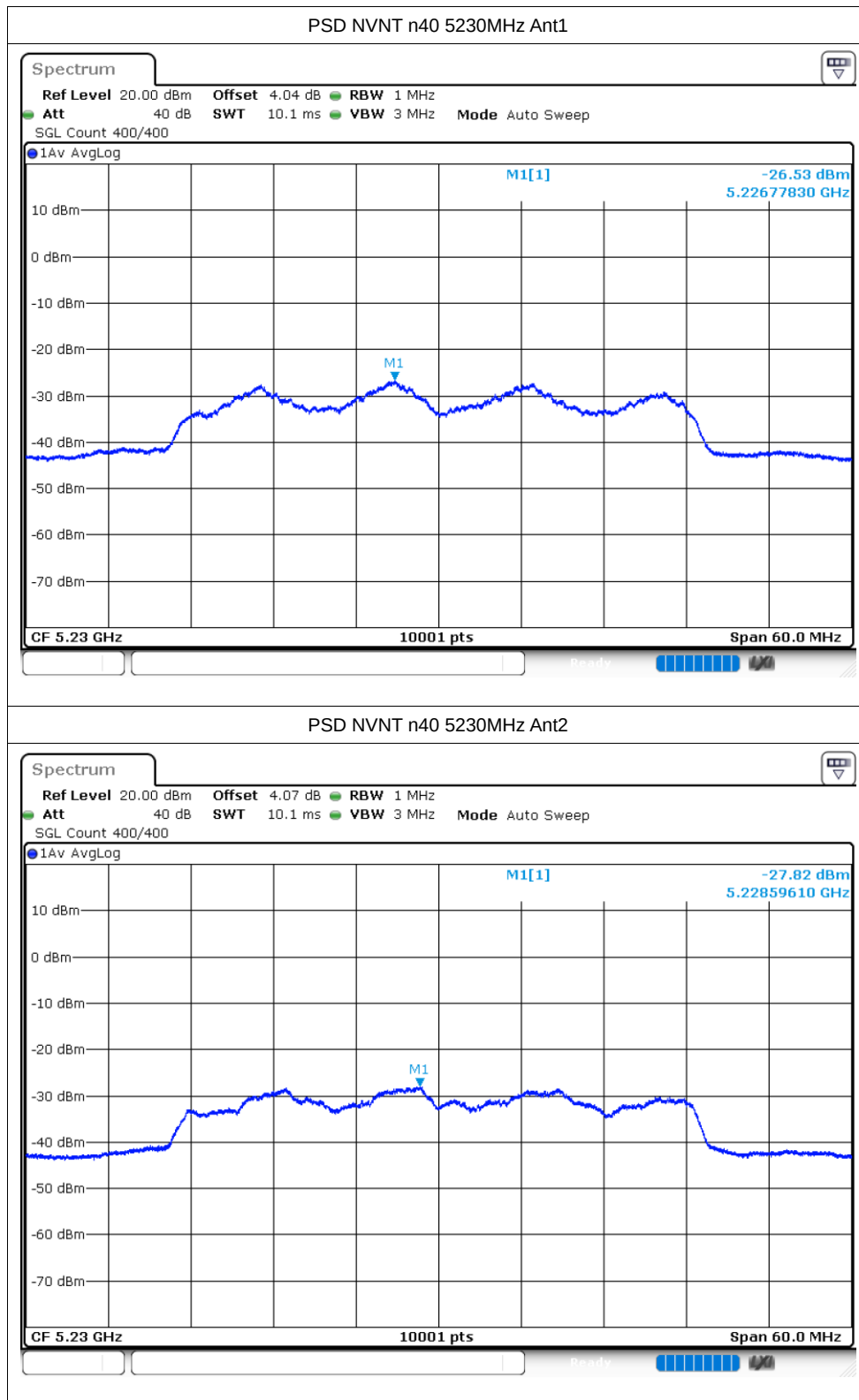












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5180	Ant1	-36.22	-27	Pass
NVNT	ac20	5180	Ant2	-35.37	-27	Pass
NVNT	ac20	5240	Ant1	-41.1	-27	Pass
NVNT	ac20	5240	Ant2	-41.07	-27	Pass
NVNT	ac40	5190	Ant1	-31.47	-27	Pass
NVNT	ac40	5190	Ant2	-29.04	-27	Pass
NVNT	ac40	5230	Ant1	-39.91	-27	Pass
NVNT	ac40	5230	Ant2	-40.97	-27	Pass
NVNT	ac80	5210	Ant1	-27.24	-27	Pass
NVNT	ac80	5210	Ant2	-28.46	-27	Pass
NVNT	ac80	5210	Ant1	-44.51	-27	Pass
NVNT	ac80	5210	Ant2	-41.96	-27	Pass
NVNT	ax20	5180	Ant1	-37.92	-27	Pass
NVNT	ax20	5180	Ant2	-35.44	-27	Pass
NVNT	ax20	5240	Ant1	-40.42	-27	Pass
NVNT	ax20	5240	Ant2	-40.66	-27	Pass
NVNT	ax40	5190	Ant1	-30.72	-27	Pass
NVNT	ax40	5190	Ant2	-31.61	-27	Pass
NVNT	ax40	5230	Ant1	-41.26	-27	Pass
NVNT	ax40	5230	Ant2	-41.73	-27	Pass
NVNT	ax80	5210	Ant1	-29.23	-27	Pass
NVNT	ax80	5210	Ant2	-27.91	-27	Pass
NVNT	ax80	5210	Ant1	-43.41	-27	Pass
NVNT	ax80	5210	Ant2	-44.64	-27	Pass
NVNT	n20	5180	Ant1	-32.43	-27	Pass
NVNT	n20	5180	Ant2	-33.59	-27	Pass
NVNT	n20	5240	Ant1	-40.7	-27	Pass
NVNT	n20	5240	Ant2	-41.14	-27	Pass
NVNT	n40	5190	Ant1	-29.74	-27	Pass
NVNT	n40	5190	Ant2	-30.02	-27	Pass
NVNT	n40	5230	Ant1	-45.58	-27	Pass
NVNT	n40	5230	Ant2	-44.07	-27	Pass

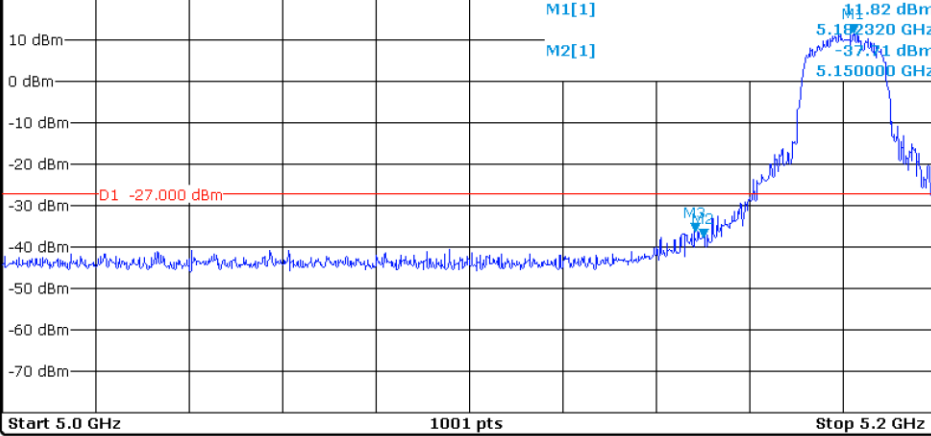
Test Graphs

Band Edge NVNT ac20 5180MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 5.96 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

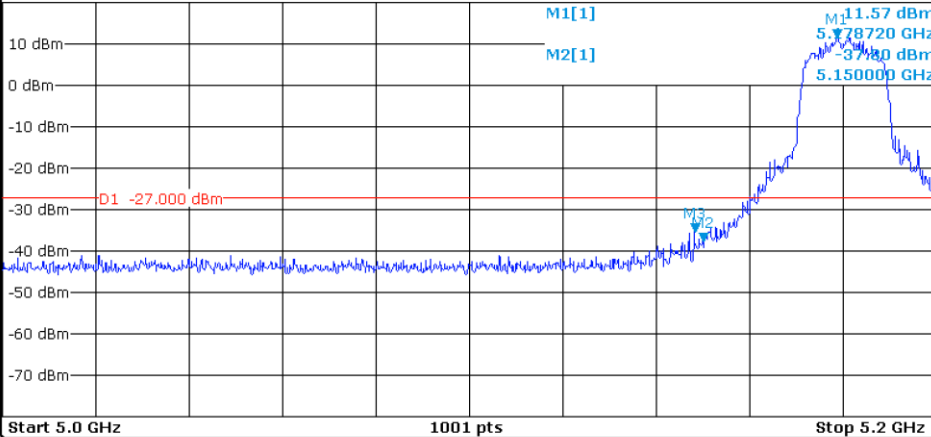
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.18232 GHz	-11.82 dBm		
M2	1		5.15 GHz	-37.71 dBm		
M3	1		5.1482 GHz	-36.23 dBm		

Band Edge NVNT ac20 5180MHz Low Ant2

Spectrum

Ref Level 20.00 dBm Offset 5.98 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

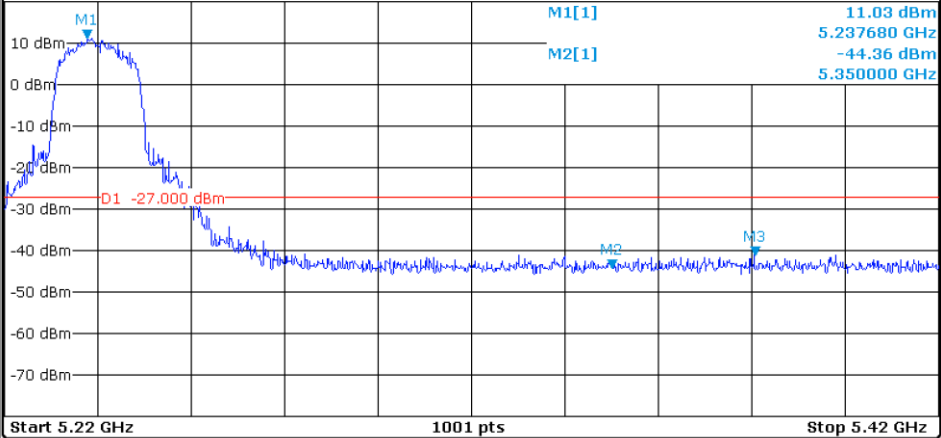
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.17872 GHz	-11.57 dBm		
M2	1		5.15 GHz	-37.80 dBm		
M3	1		5.1482 GHz	-35.38 dBm		

Band Edge NVNT ac20 5240MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 6.04 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

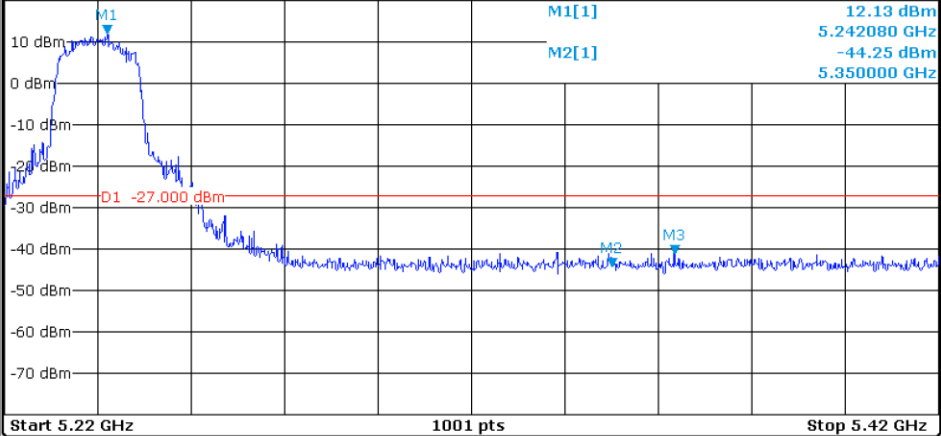
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.23768 GHz	11.03 dBm		
M2	1	1	5.35 GHz	-44.36 dBm		
M3	1	1	5.3806 GHz	-41.10 dBm		

Band Edge NVNT ac20 5240MHz High Ant2

Spectrum

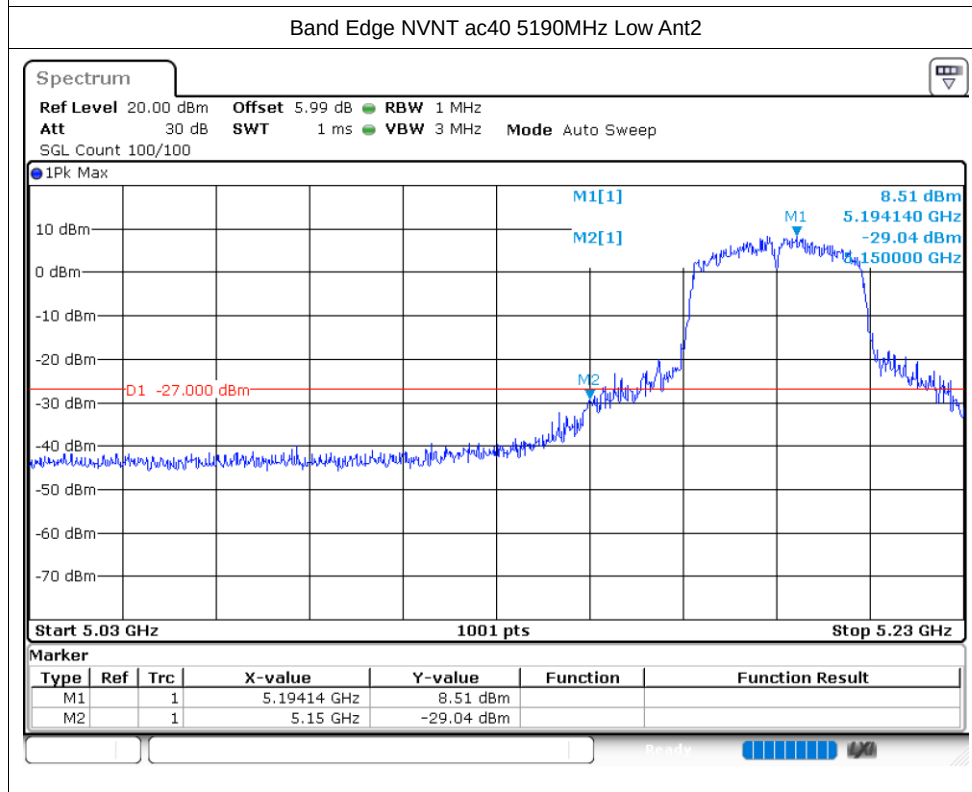
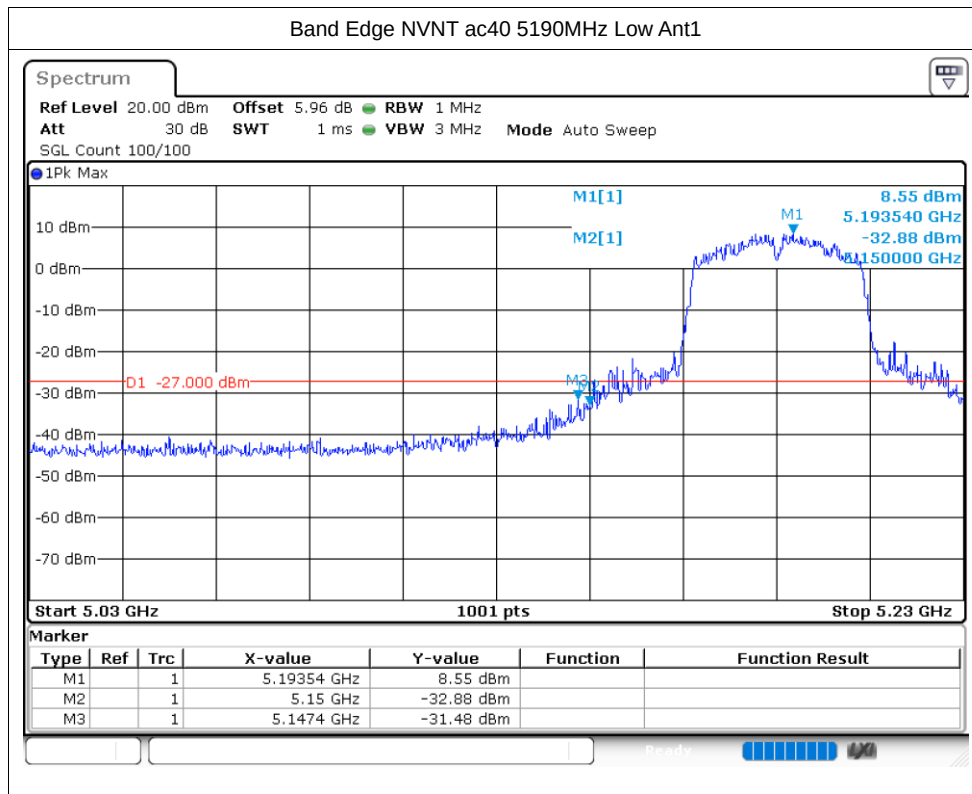
Ref Level 20.00 dBm Offset 6.08 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.24208 GHz	12.13 dBm		
M2	1	1	5.35 GHz	-44.25 dBm		
M3	1	1	5.3634 GHz	-41.07 dBm		

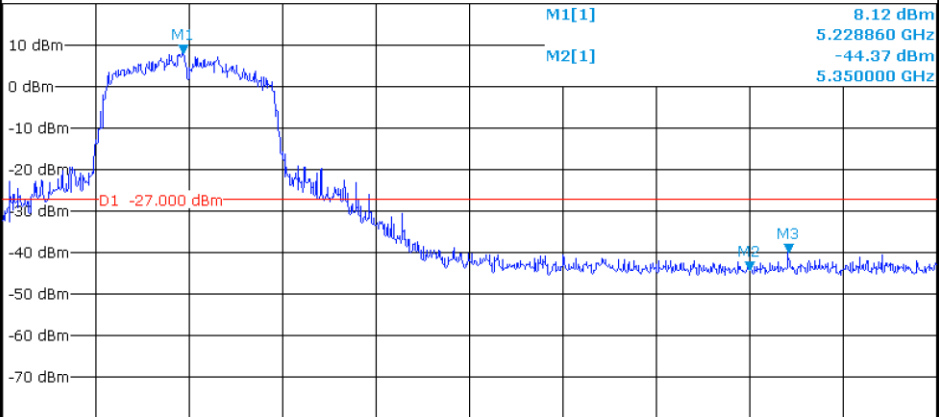


Band Edge NVNT ac40 5230MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 6.04 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Start 5.19 GHz 1001 pts Stop 5.39 GHz

Marker

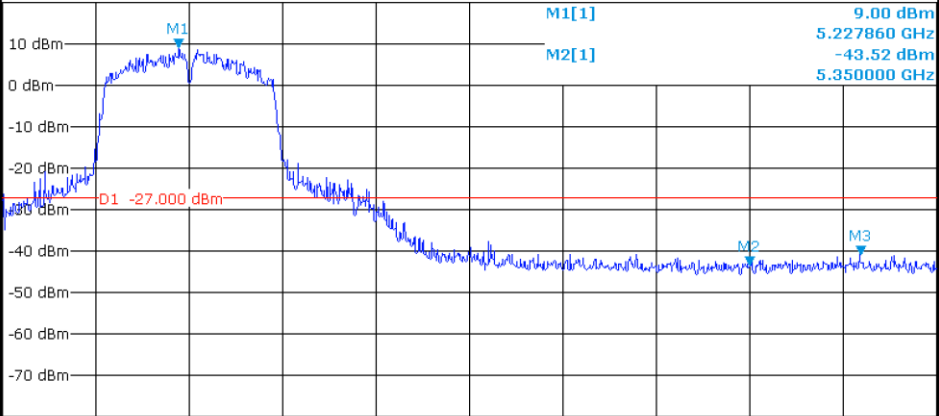
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.22886 GHz	8.12 dBm		
M2		1	5.35 GHz	-44.37 dBm		
M3		1	5.3582 GHz	-39.91 dBm		

Band Edge NVNT ac40 5230MHz High Ant2

Spectrum

Ref Level 20.00 dBm Offset 6.07 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

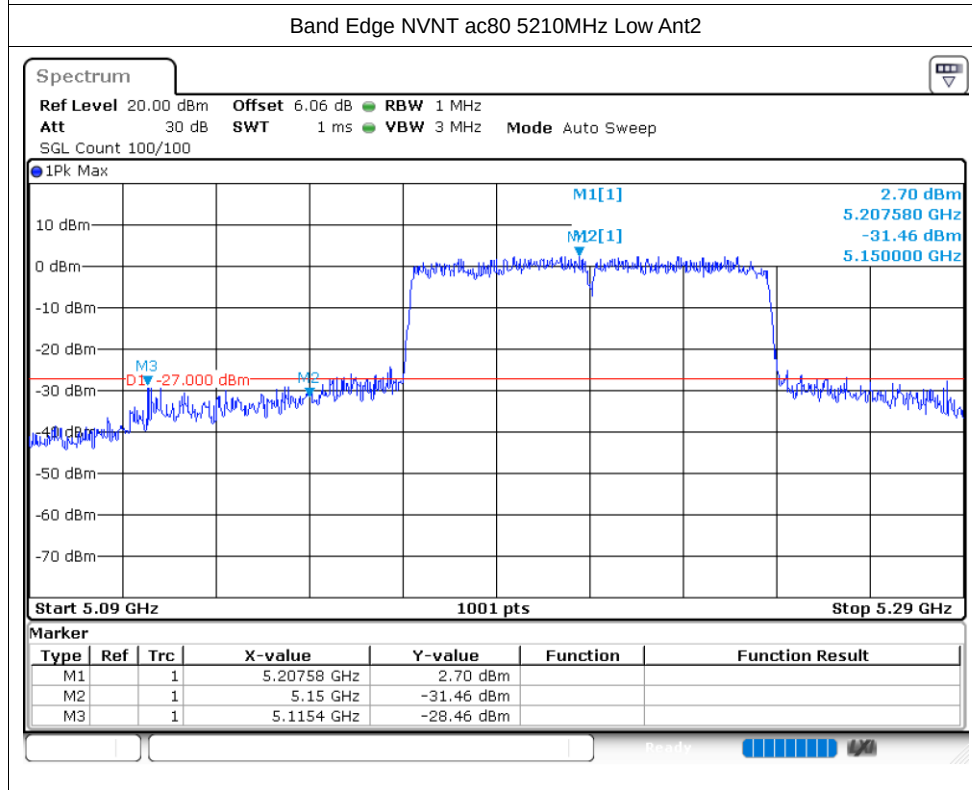
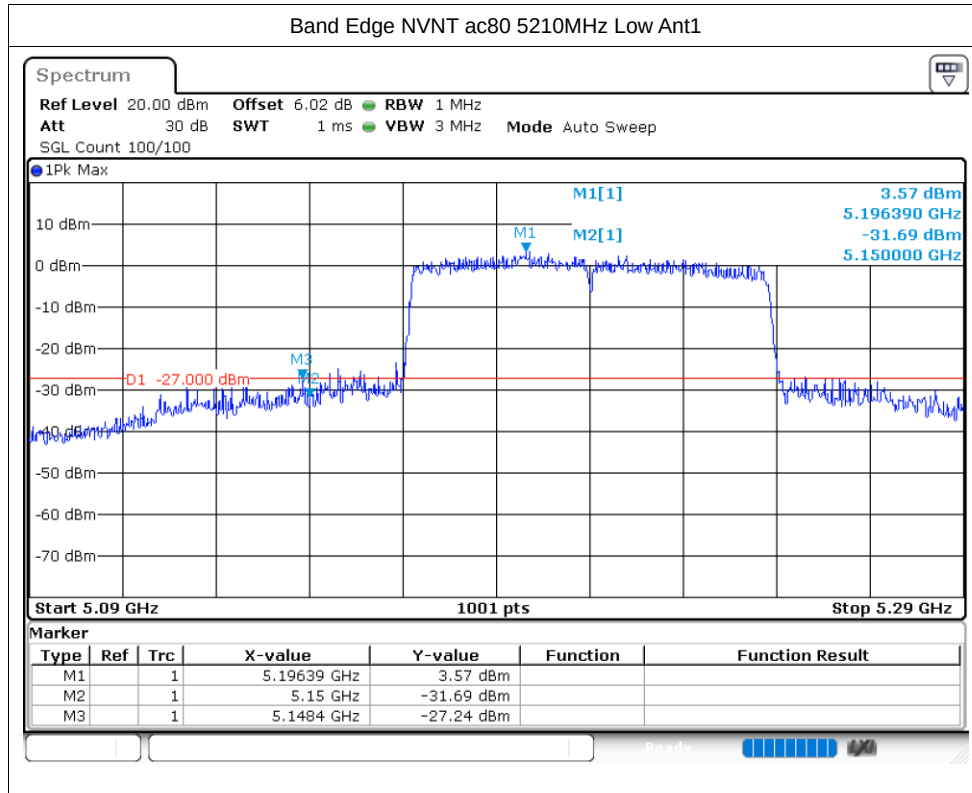
1Pk Max

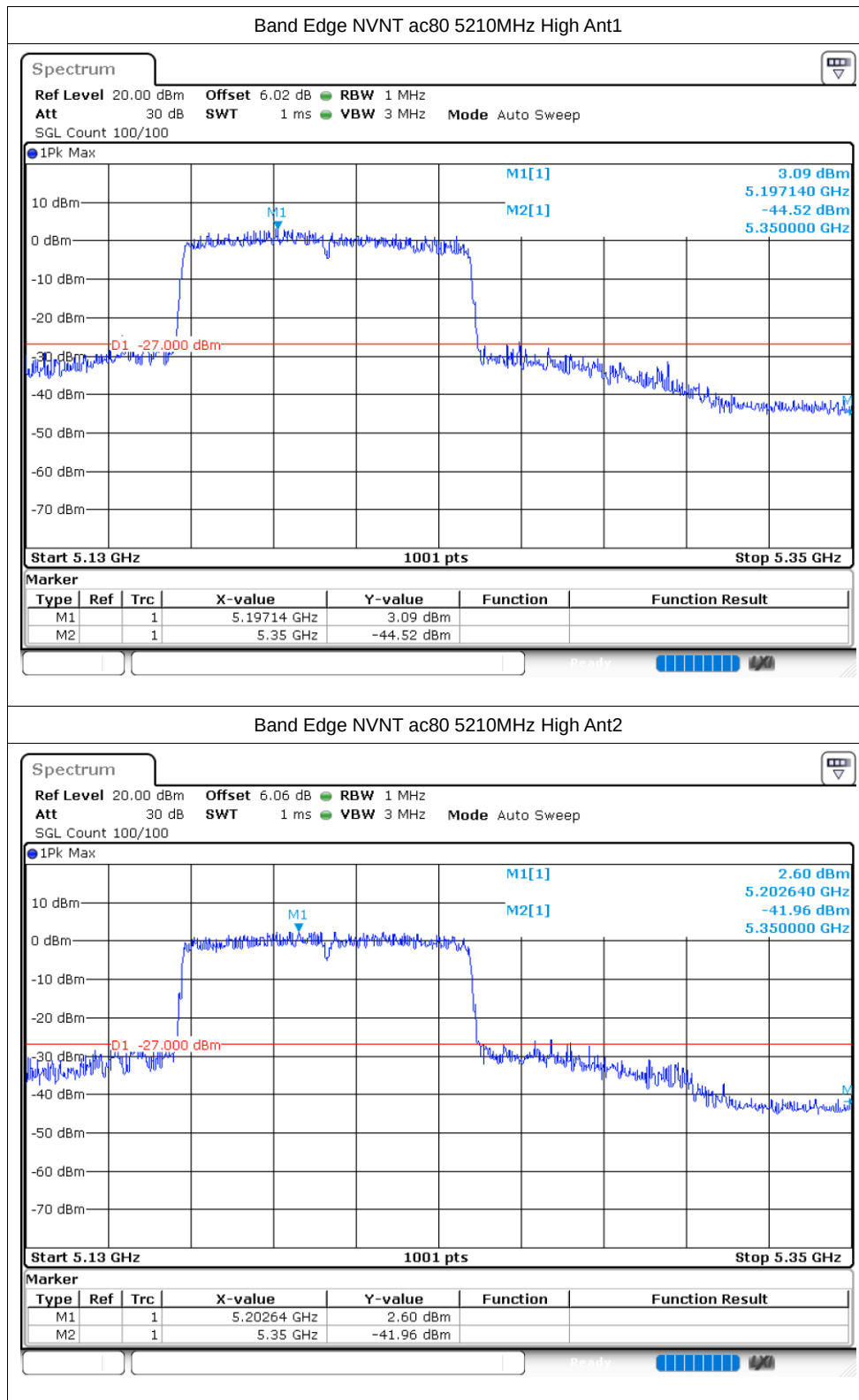


Start 5.19 GHz 1001 pts Stop 5.39 GHz

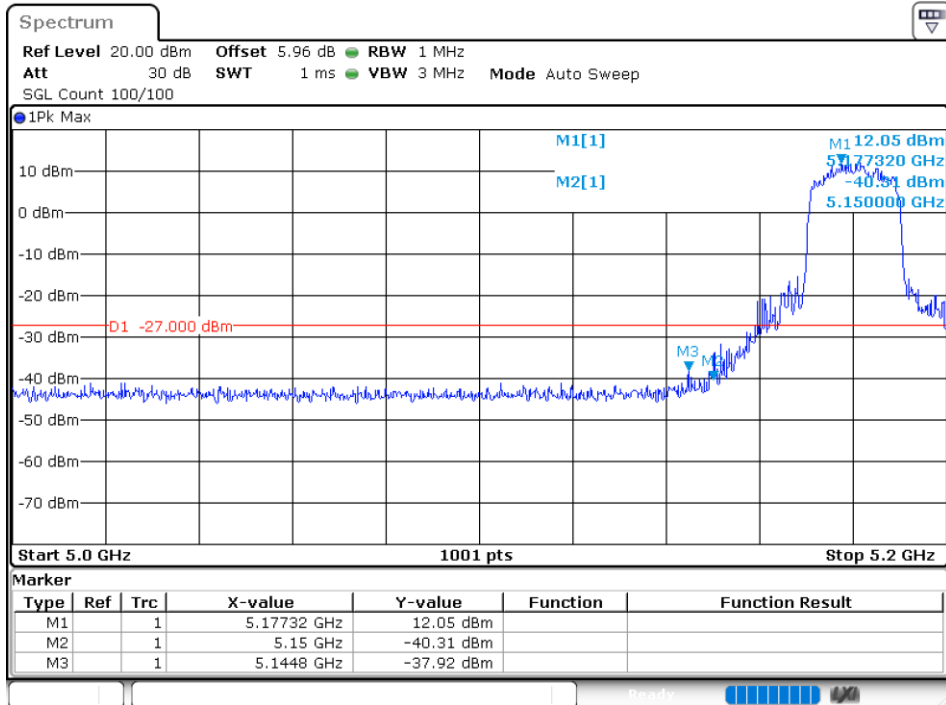
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.22786 GHz	9.00 dBm		
M2		1	5.35 GHz	-43.52 dBm		
M3		1	5.3736 GHz	-40.97 dBm		

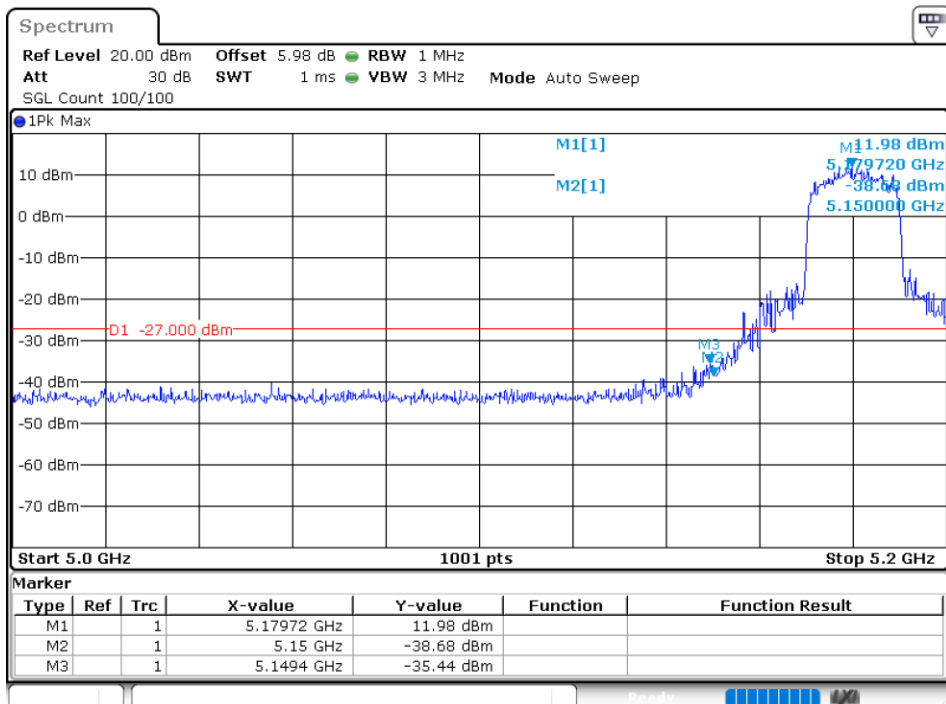


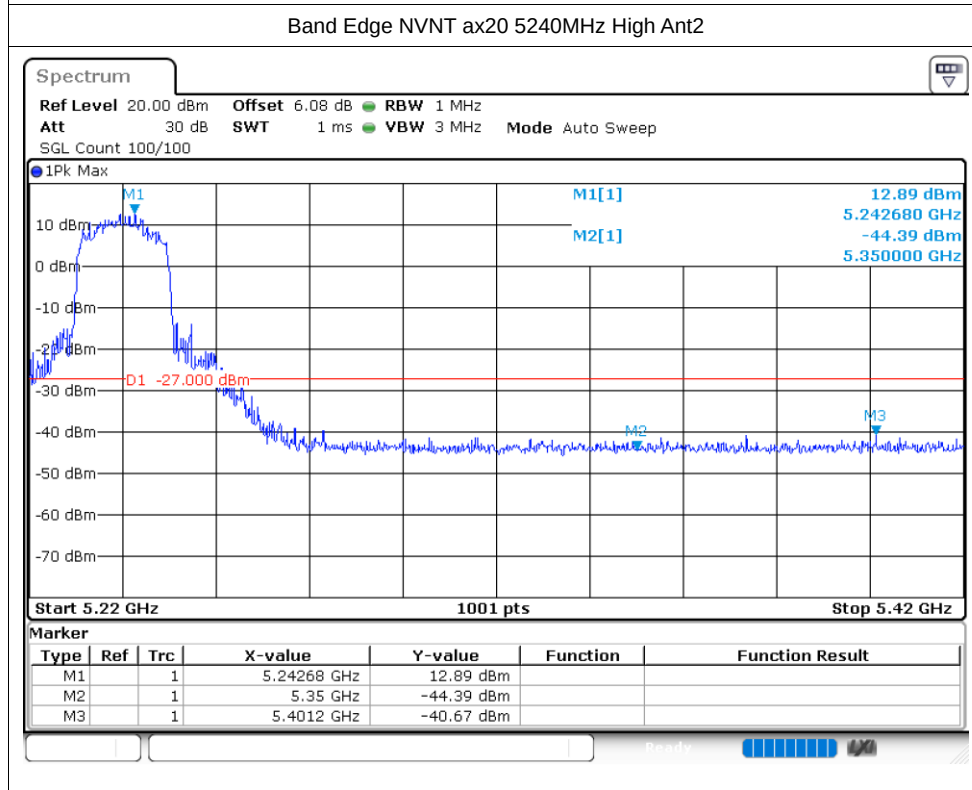
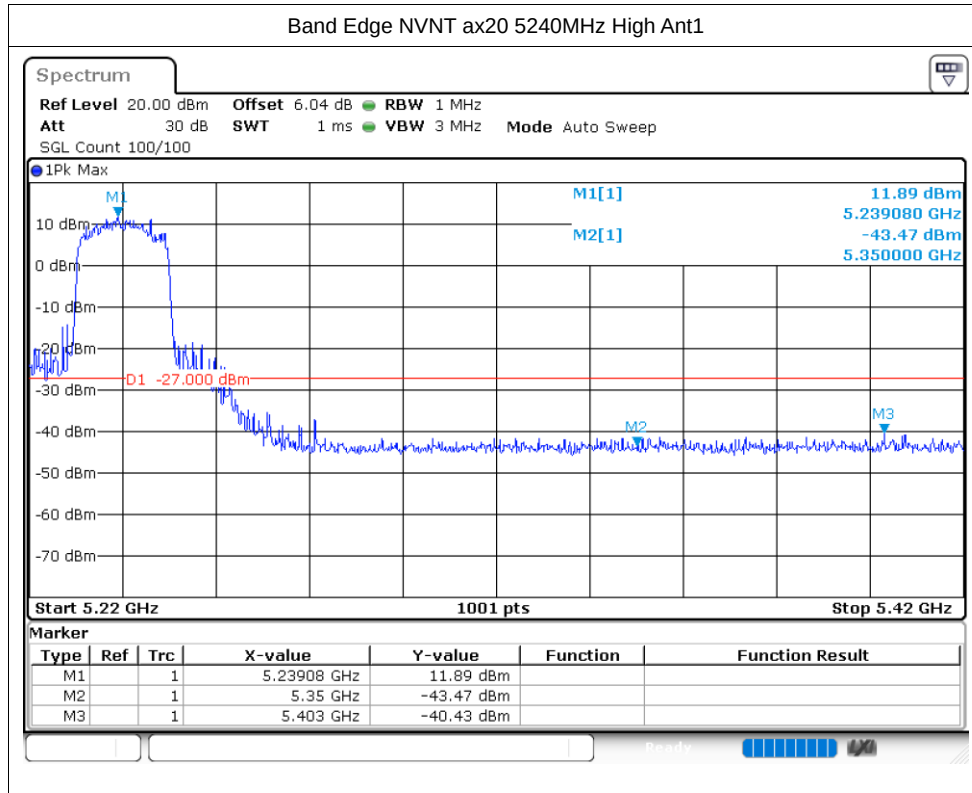


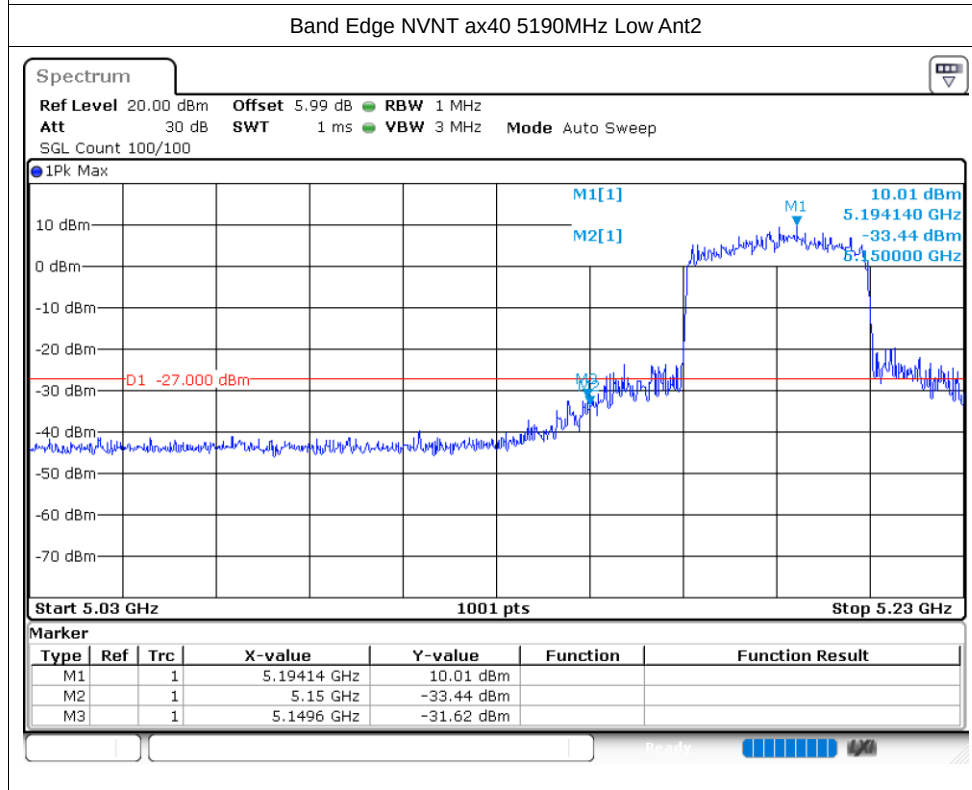
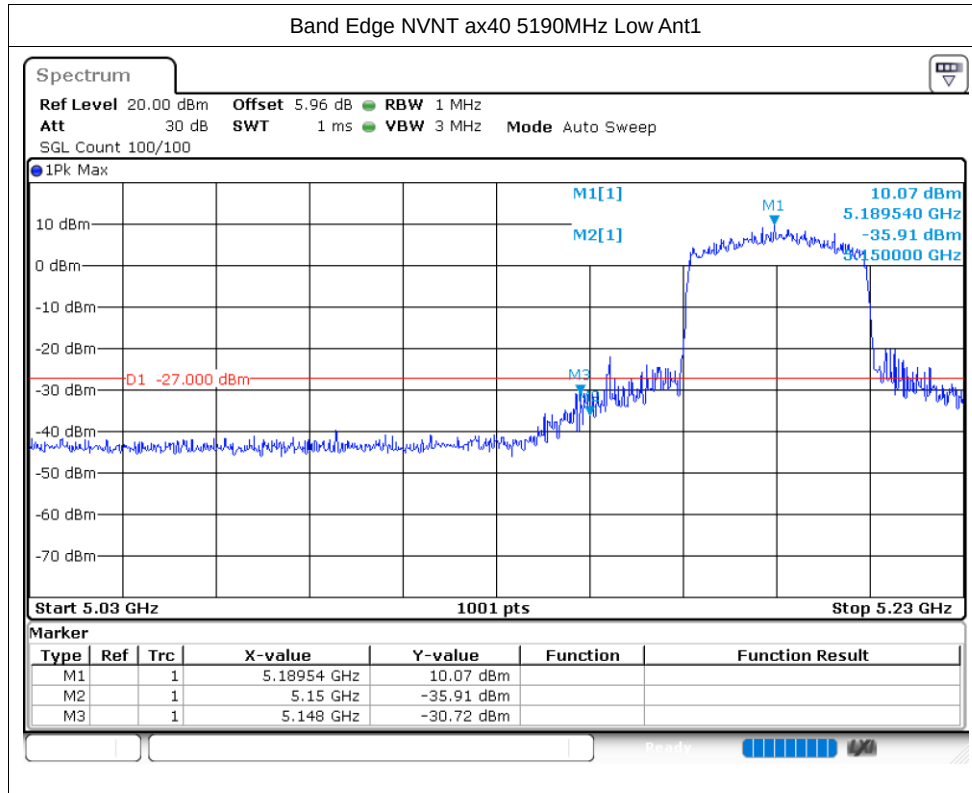
Band Edge NVNT ax20 5180MHz Low Ant1

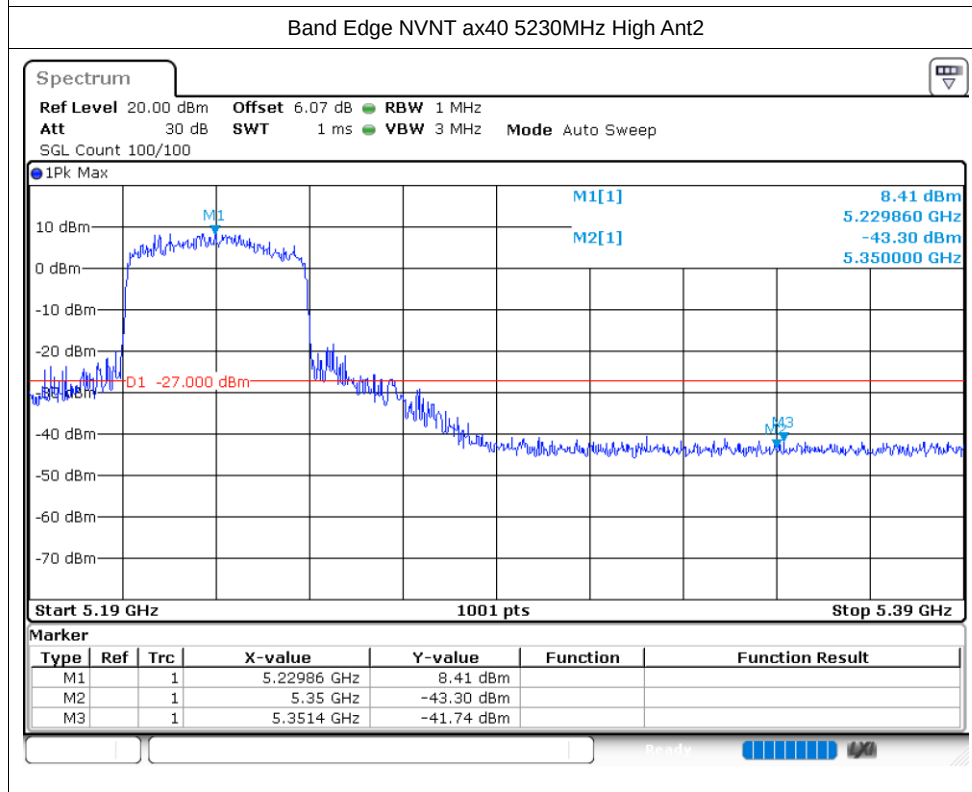
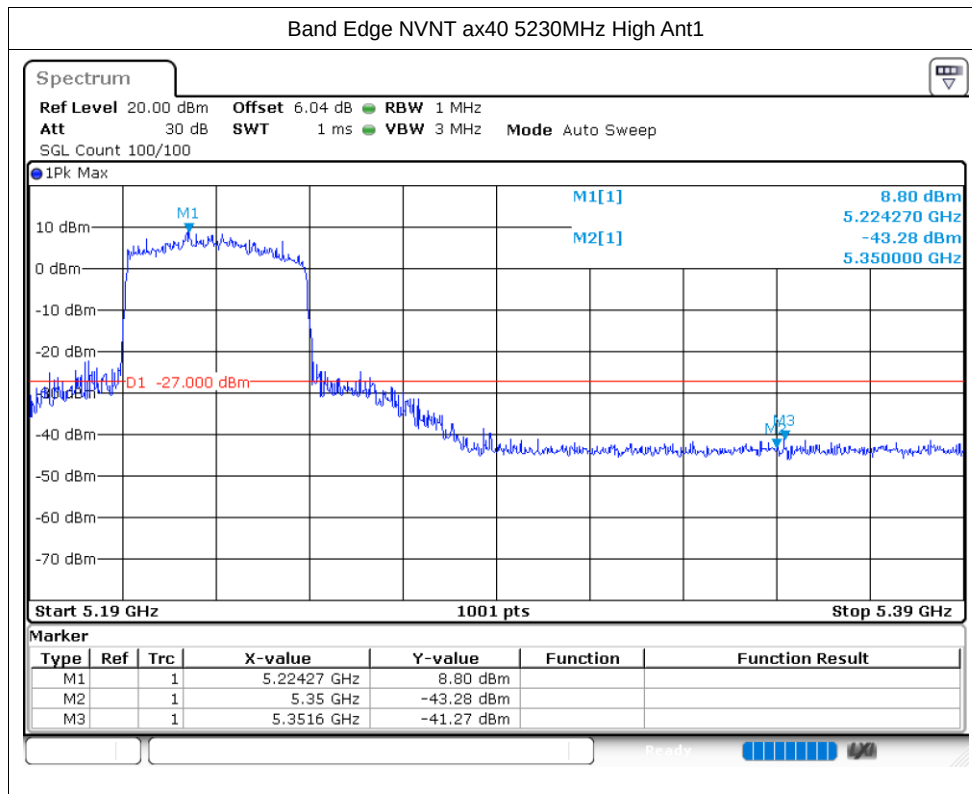


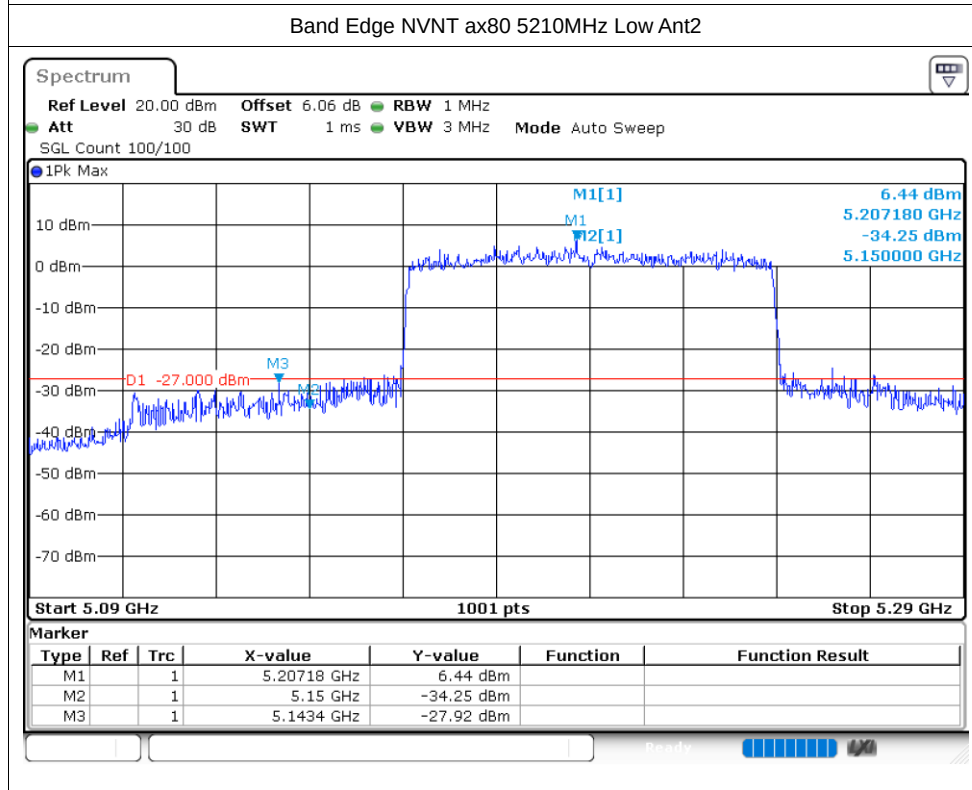
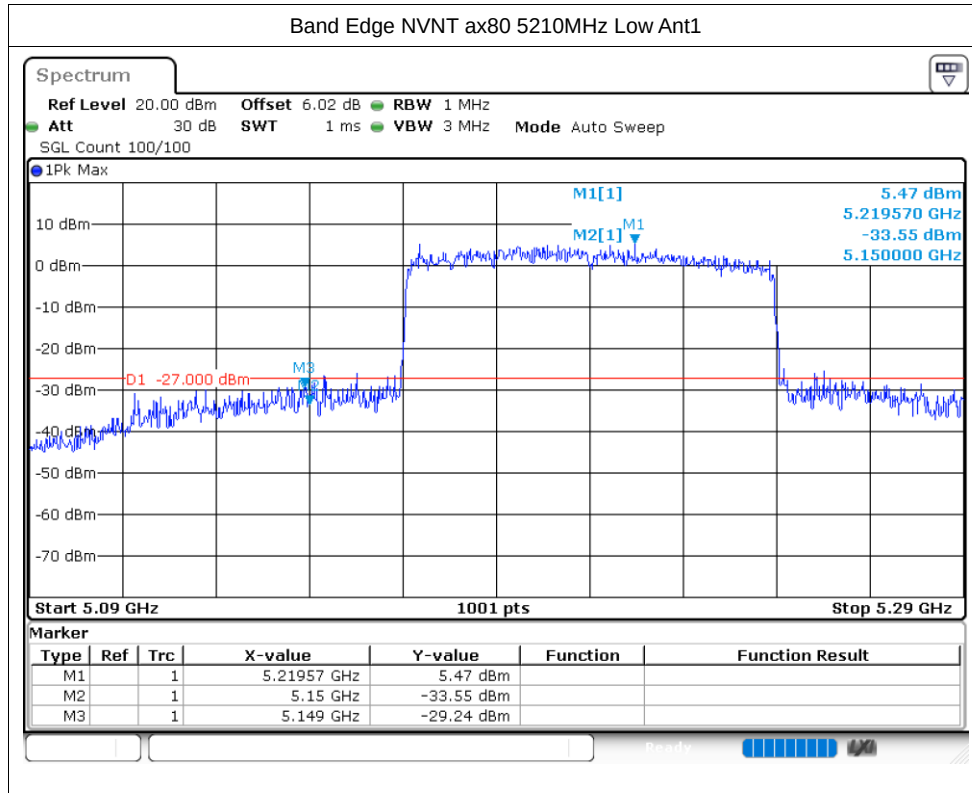
Band Edge NVNT ax20 5180MHz Low Ant2









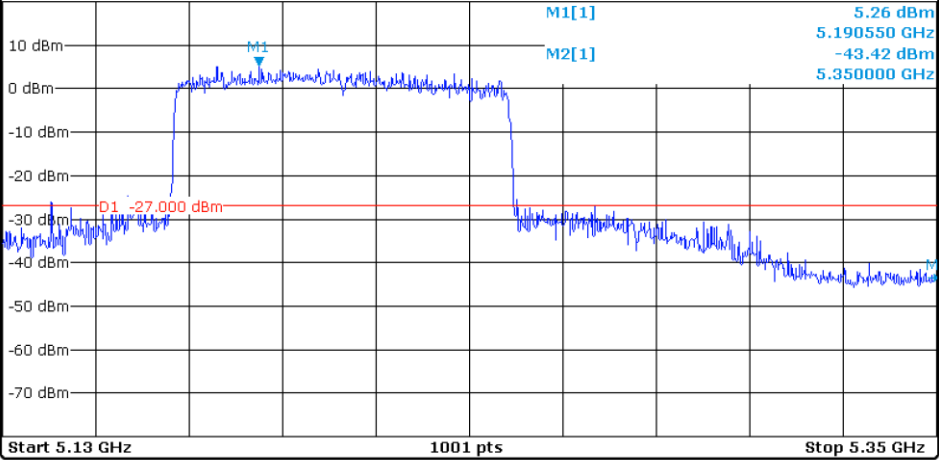


Band Edge NVNT ax80 5210MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 6.02 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

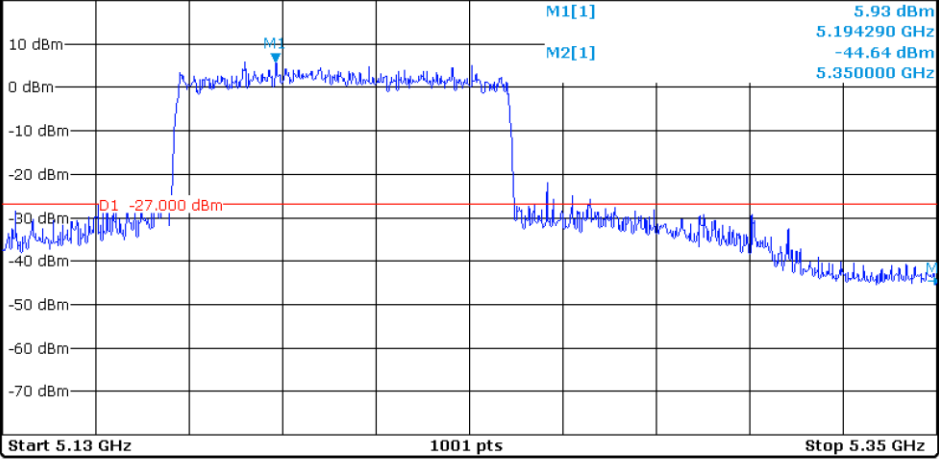
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.19055 GHz	5.26 dBm		
M2		1	5.35 GHz	-43.42 dBm		

Band Edge NVNT ax80 5210MHz High Ant2

Spectrum

Ref Level 20.00 dBm Offset 6.06 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.19429 GHz	5.93 dBm		
M2		1	5.35 GHz	-44.64 dBm		

