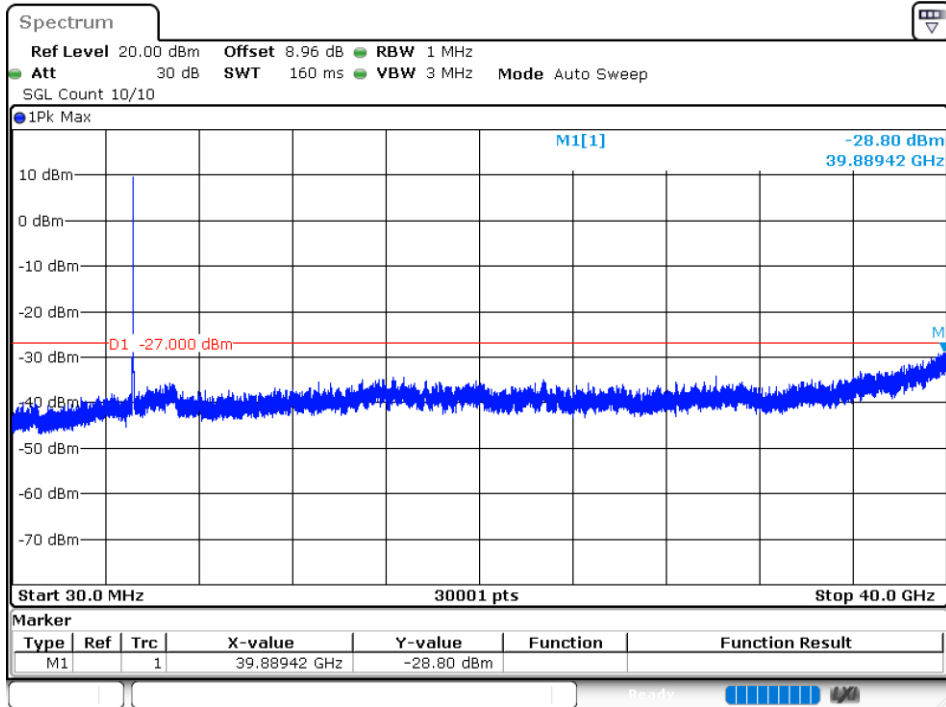
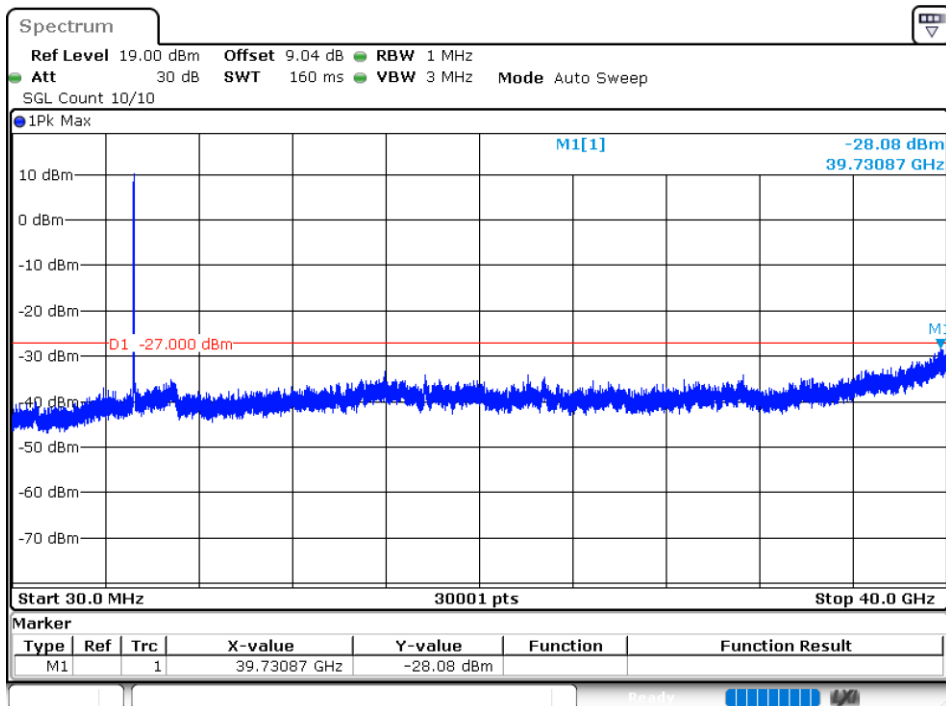


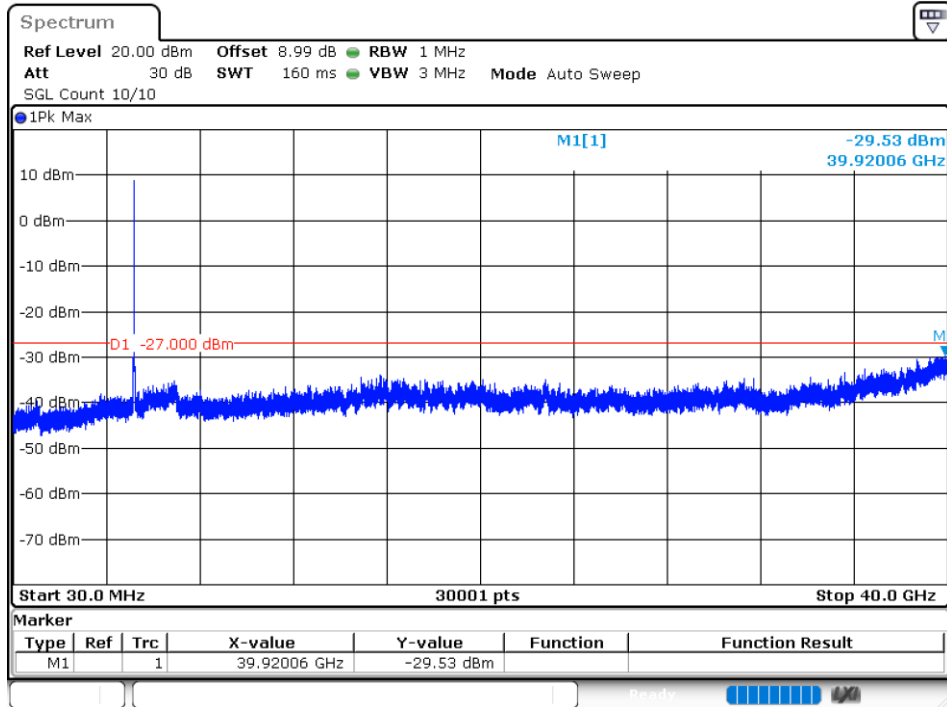
Tx. Spurious NVNT n40 5190MHz Ant1 Emission



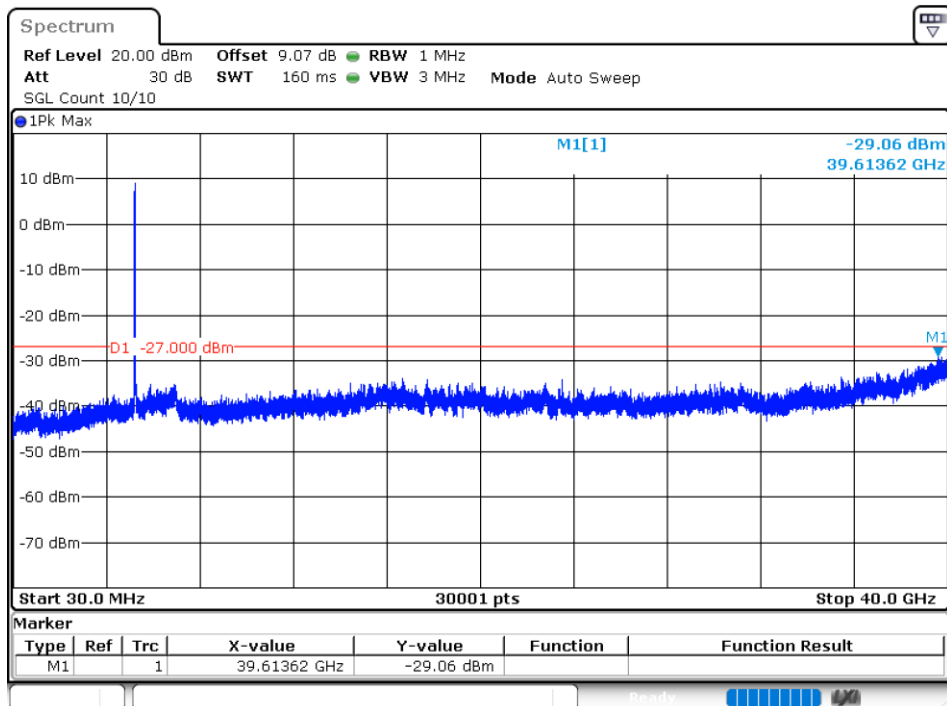
Tx. Spurious NVNT n40 5230MHz Ant1 Emission



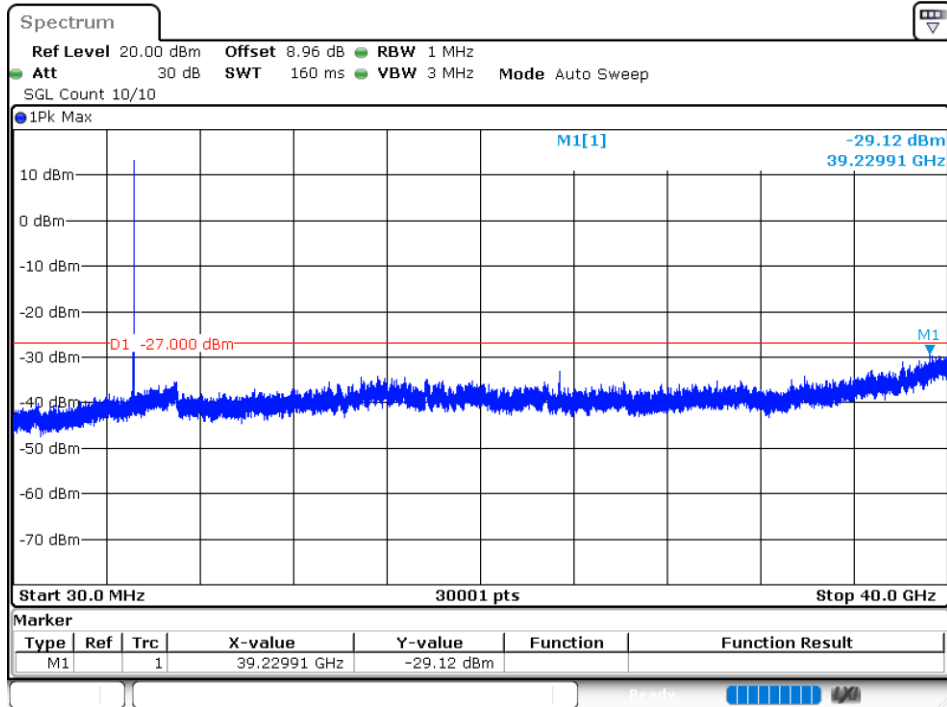
Tx. Spurious NVNT n40 5190MHz Ant2 Emission



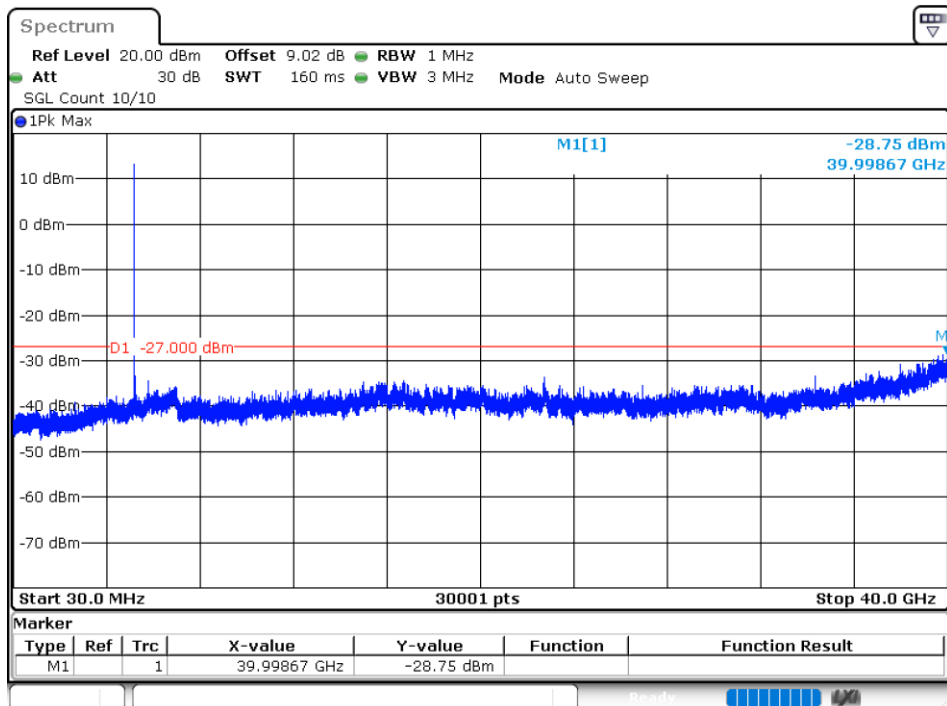
Tx. Spurious NVNT n40 5230MHz Ant2 Emission



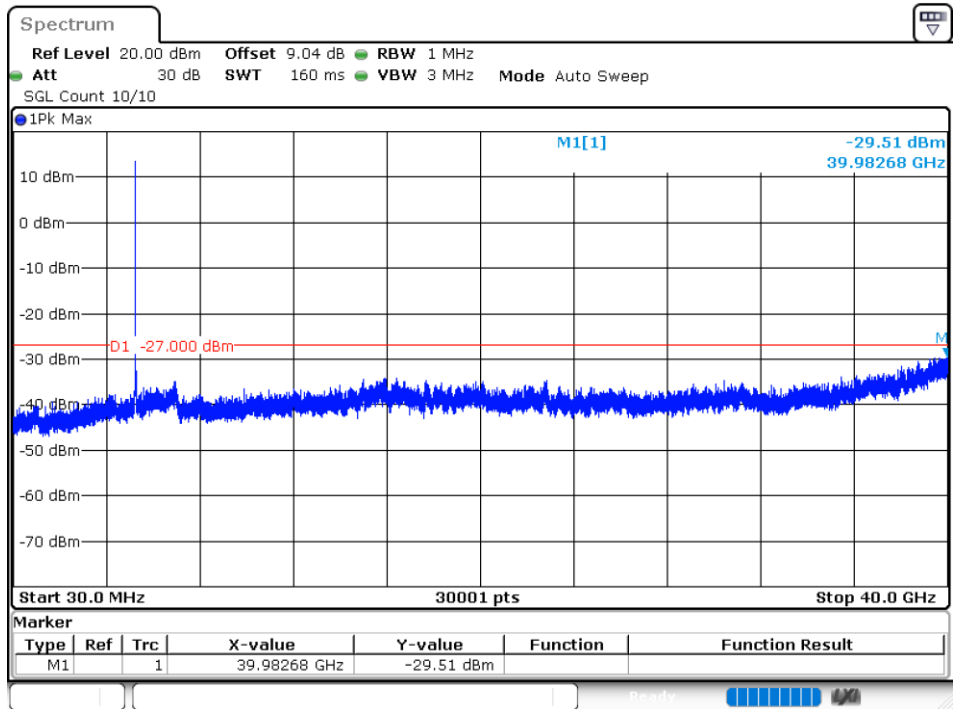
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



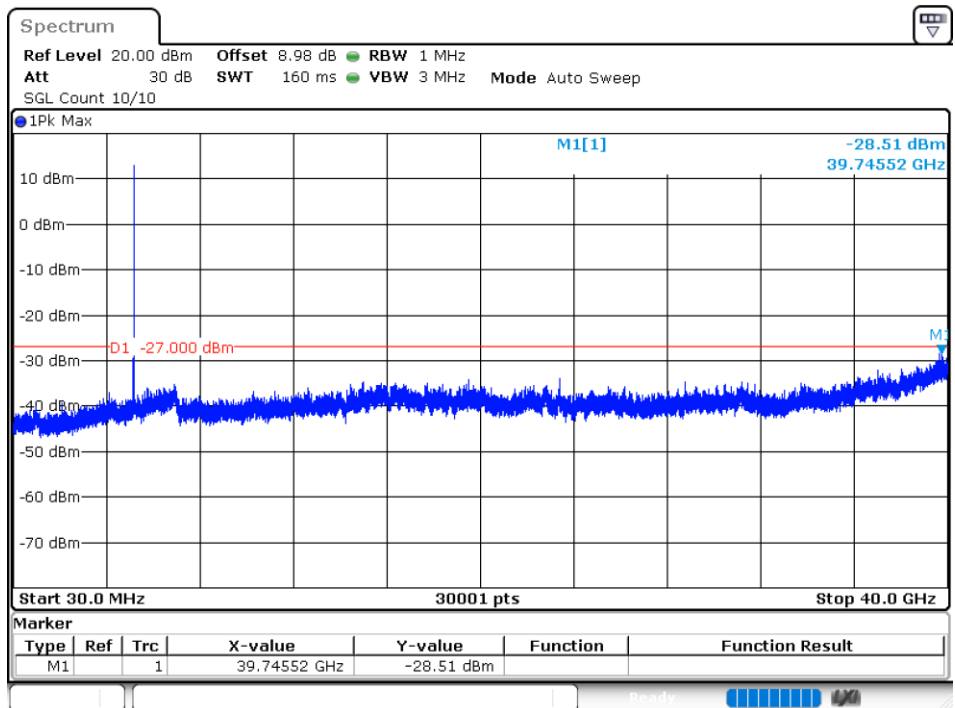
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



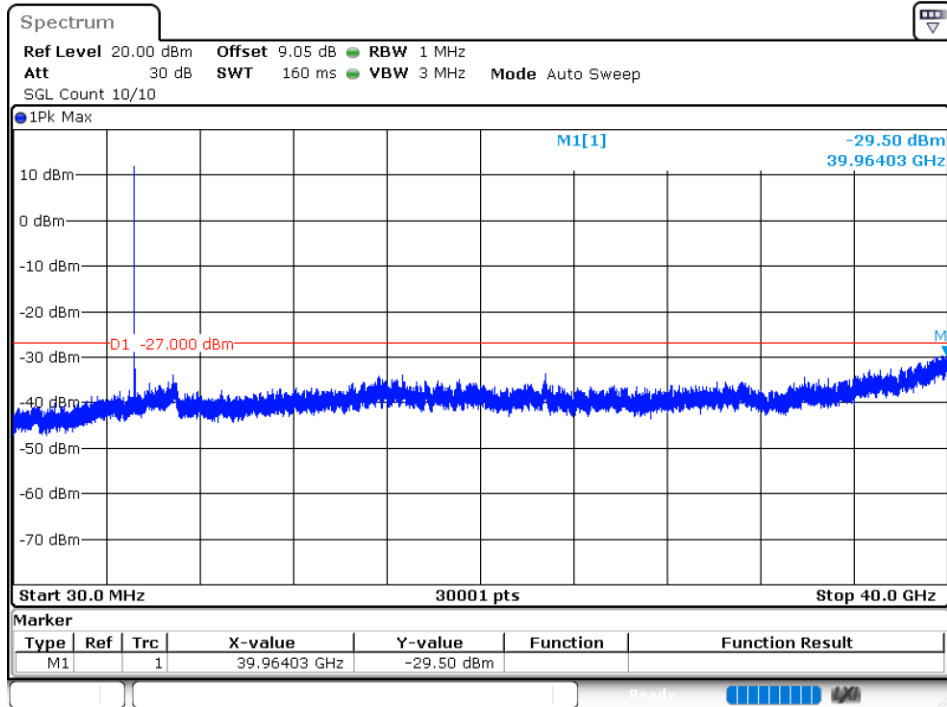
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



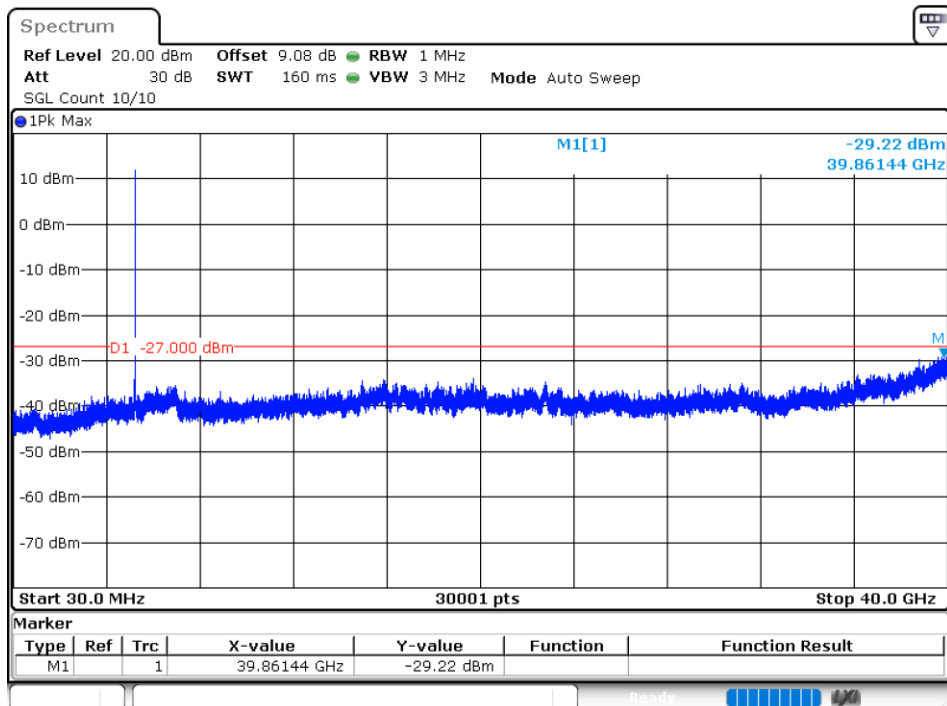
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission

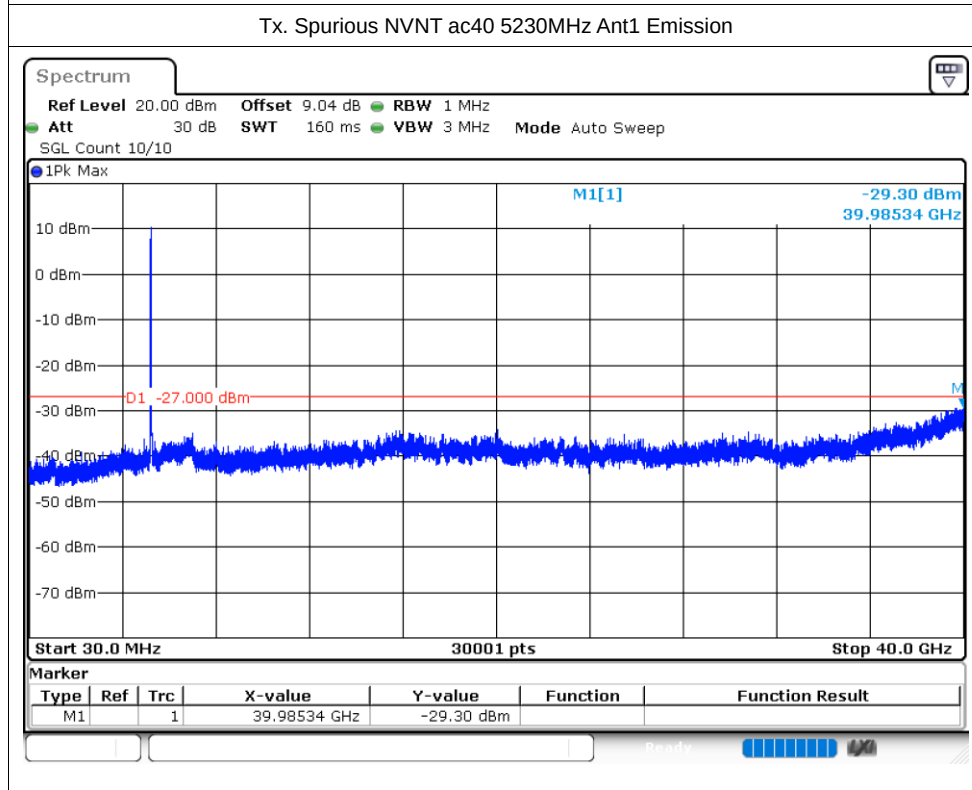
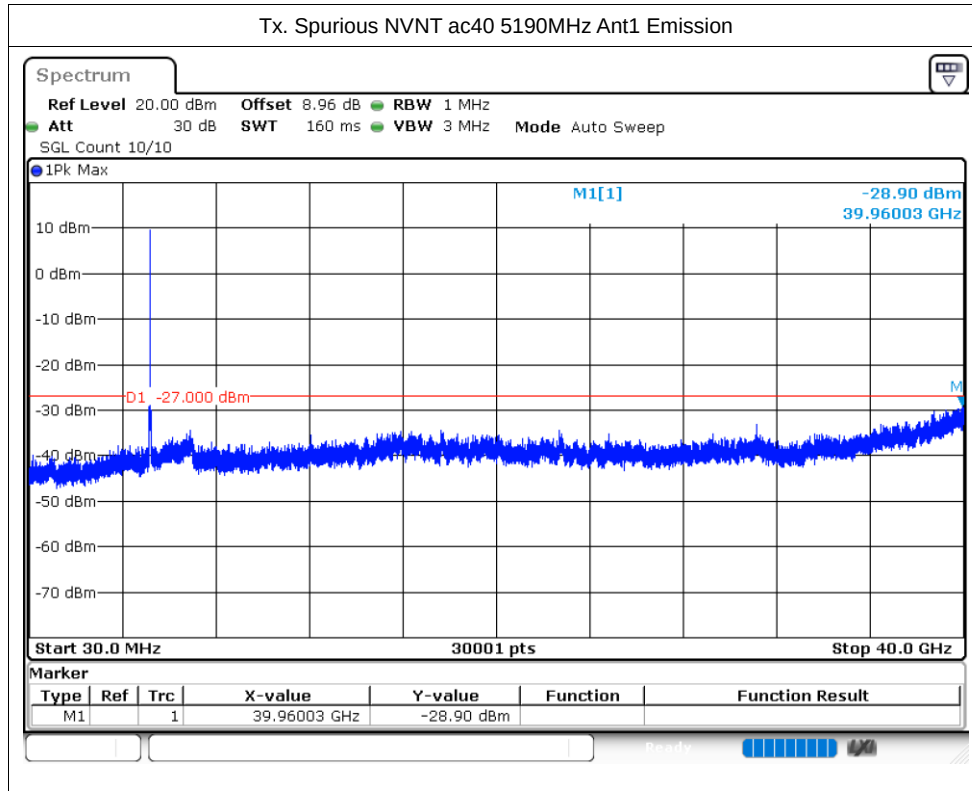


Tx. Spurious NVNT ac20 5200MHz Ant2 Emission

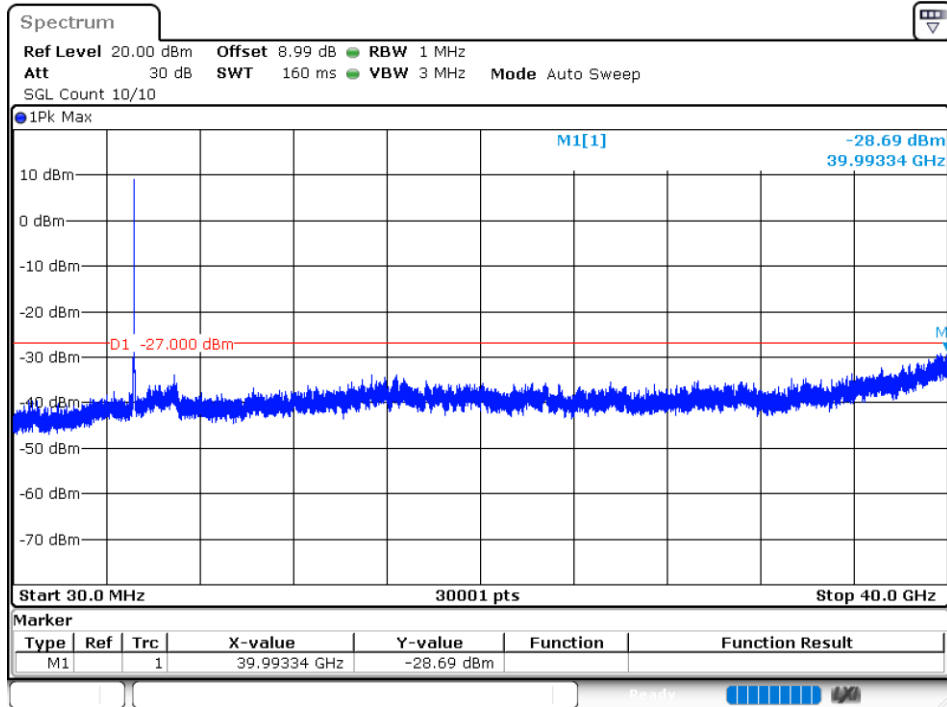


Tx. Spurious NVNT ac20 5240MHz Ant2 Emission

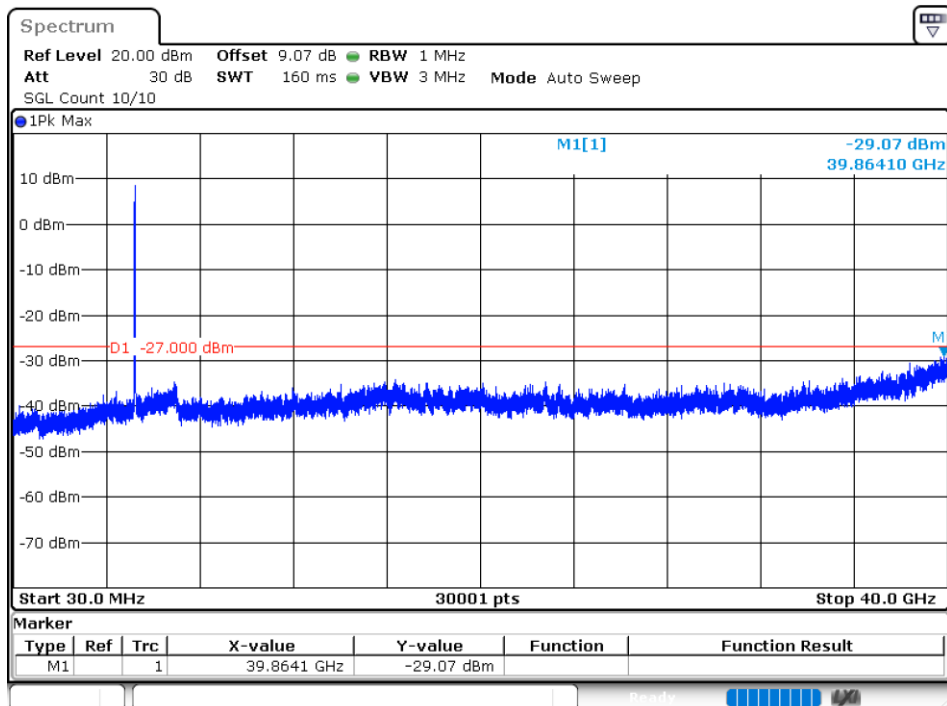




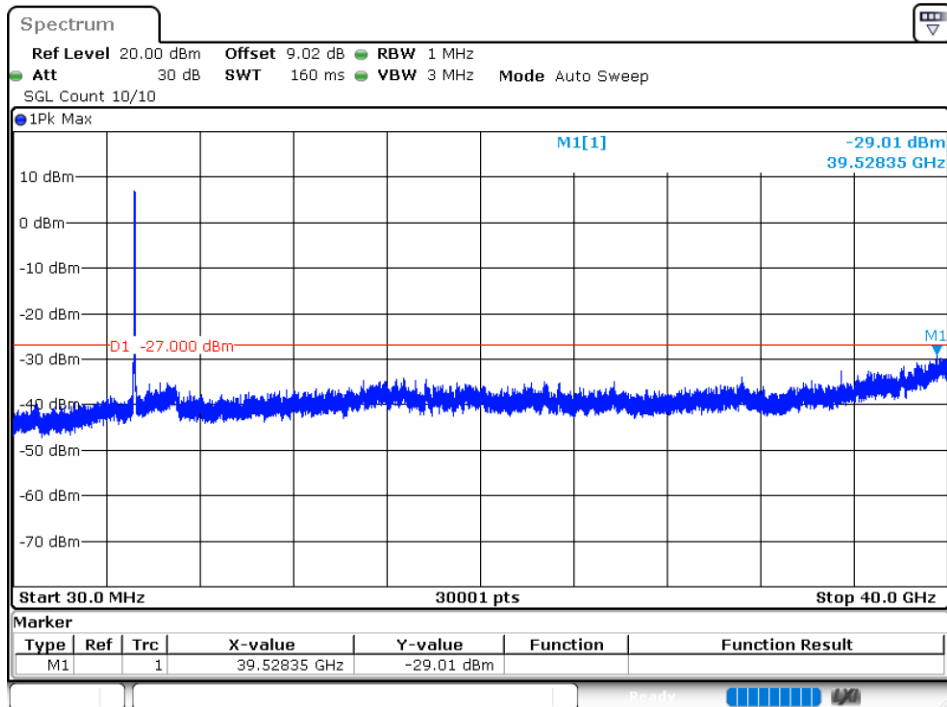
Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



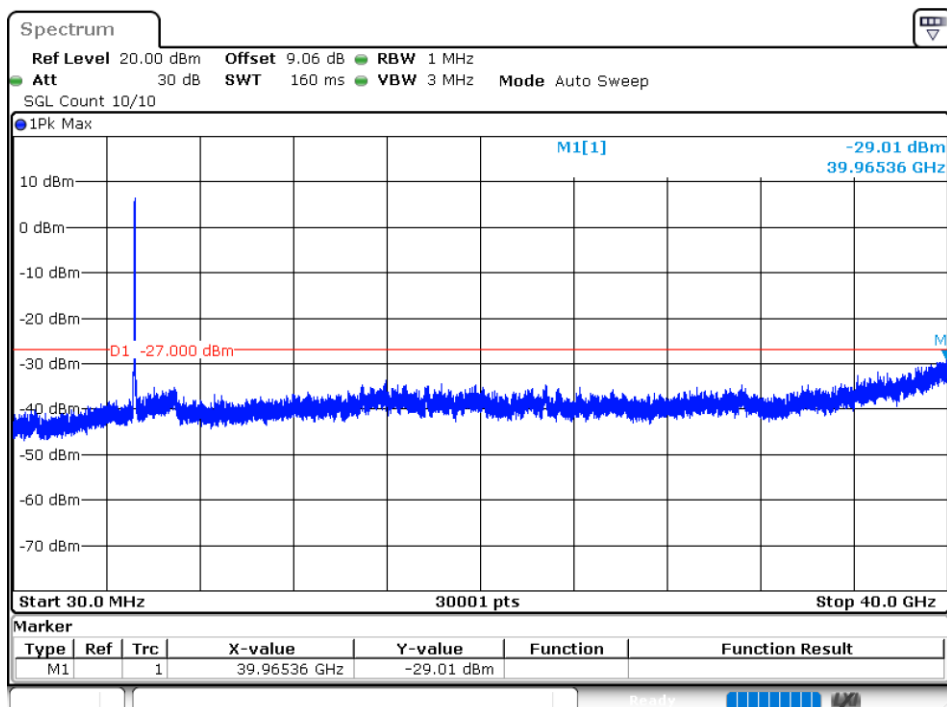
Tx. Spurious NVNT ac40 5230MHz Ant2 Emission



Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



5.2G WIFI MIMO

Maximum Conducted Output Power

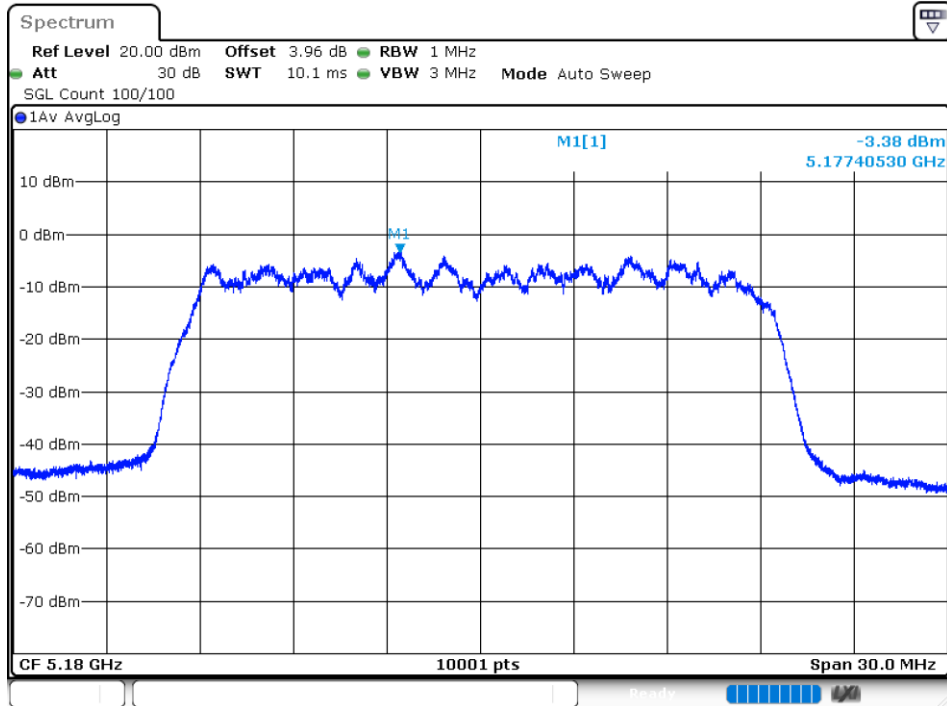
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	11.18	21.82	Pass
NVNT	ac20	5180	Ant2	11.51	21.82	Pass
NVNT	ac20	5180	Sum	14.36	21.82	Pass
NVNT	ac20	5200	Ant1	10.92	21.82	Pass
NVNT	ac20	5200	Ant2	11.59	21.82	Pass
NVNT	ac20	5200	Sum	14.28	21.82	Pass
NVNT	ac20	5240	Ant1	10.97	21.82	Pass
NVNT	ac20	5240	Ant2	11.68	21.82	Pass
NVNT	ac20	5240	Sum	14.35	21.82	Pass
NVNT	ac40	5190	Ant1	10.66	21.82	Pass
NVNT	ac40	5190	Ant2	11.25	21.82	Pass
NVNT	ac40	5190	Sum	13.98	21.82	Pass
NVNT	ac40	5230	Ant1	10.95	21.82	Pass
NVNT	ac40	5230	Ant2	11.5	21.82	Pass
NVNT	ac40	5230	Sum	14.24	21.82	Pass
NVNT	ac80	5210	Ant1	10.91	21.82	Pass
NVNT	ac80	5210	Ant2	11.31	21.82	Pass
NVNT	ac80	5210	Sum	14.12	21.82	Pass
NVNT	n20	5180	Ant1	11.43	21.82	Pass
NVNT	n20	5180	Ant2	11.82	21.82	Pass
NVNT	n20	5180	Sum	14.64	21.82	Pass
NVNT	n20	5200	Ant1	11.3	21.82	Pass
NVNT	n20	5200	Ant2	11.84	21.82	Pass
NVNT	n20	5200	Sum	14.59	21.82	Pass
NVNT	n20	5240	Ant1	11.25	21.82	Pass
NVNT	n20	5240	Ant2	11.82	21.82	Pass
NVNT	n20	5240	Sum	14.55	21.82	Pass
NVNT	n40	5190	Ant1	10.76	21.82	Pass
NVNT	n40	5190	Ant2	11.29	21.82	Pass
NVNT	n40	5190	Sum	14.04	21.82	Pass
NVNT	n40	5230	Ant1	10.78	21.82	Pass
NVNT	n40	5230	Ant2	11.52	21.82	Pass
NVNT	n40	5230	Sum	14.18	21.82	Pass

Maximum Power Spectral Density Level

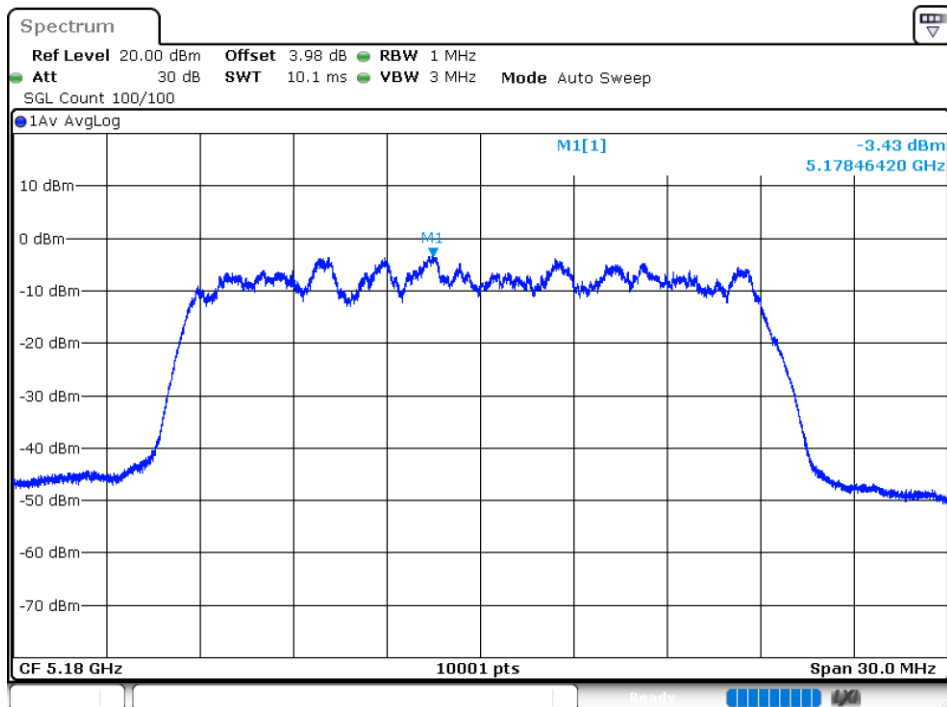
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	-3.38	0.41	-2.97	5.73	Pass
NVNT	ac20	5180	Ant2	-3.43	0.41	-3.02	5.73	Pass
NVNT	ac20	5180	Sum	-0.39	0.41	0.02	5.73	Pass
NVNT	ac20	5200	Ant1	-4	0.35	-3.65	5.73	Pass
NVNT	ac20	5200	Ant2	-4.28	0.35	-3.93	5.73	Pass
NVNT	ac20	5200	Sum	-1.13	0.35	-0.78	5.73	Pass
NVNT	ac20	5240	Ant1	-3.44	0.38	-3.06	5.73	Pass
NVNT	ac20	5240	Ant2	-3.93	0.38	-3.55	5.73	Pass
NVNT	ac20	5240	Sum	-0.67	0.38	-0.29	5.73	Pass
NVNT	ac40	5190	Ant1	-10.6	0.75	-9.85	5.73	Pass
NVNT	ac40	5190	Ant2	-8.97	0.75	-8.22	5.73	Pass
NVNT	ac40	5190	Sum	-6.7	0.75	-5.95	5.73	Pass
NVNT	ac40	5230	Ant1	-9.46	0.74	-8.72	5.73	Pass
NVNT	ac40	5230	Ant2	-8.91	0.74	-8.17	5.73	Pass
NVNT	ac40	5230	Sum	-6.17	0.74	-5.43	5.73	Pass
NVNT	ac80	5210	Ant1	-14.82	1.35	-13.47	5.73	Pass
NVNT	ac80	5210	Ant2	-15.46	1.35	-14.11	5.73	Pass
NVNT	ac80	5210	Sum	-12.12	1.35	-10.77	5.73	Pass
NVNT	n20	5180	Ant1	-3.54	0.36	-3.18	5.73	Pass
NVNT	n20	5180	Ant2	-2.16	0.36	-1.8	5.73	Pass
NVNT	n20	5180	Sum	0.21	0.36	0.57	5.73	Pass
NVNT	n20	5200	Ant1	-3.27	0.34	-2.93	5.73	Pass
NVNT	n20	5200	Ant2	-3.32	0.34	-2.98	5.73	Pass
NVNT	n20	5200	Sum	-0.28	0.34	0.06	5.73	Pass
NVNT	n20	5240	Ant1	-2.91	0.4	-2.51	5.73	Pass
NVNT	n20	5240	Ant2	-2.66	0.4	-2.26	5.73	Pass
NVNT	n20	5240	Sum	0.23	0.4	0.63	5.73	Pass
NVNT	n40	5190	Ant1	-8.56	0.64	-7.92	5.73	Pass
NVNT	n40	5190	Ant2	-9.27	0.64	-8.63	5.73	Pass
NVNT	n40	5190	Sum	-5.89	0.64	-5.25	5.73	Pass
NVNT	n40	5230	Ant1	-9.51	0.66	-8.85	5.73	Pass
NVNT	n40	5230	Ant2	-9.55	0.66	-8.89	5.73	Pass
NVNT	n40	5230	Sum	-6.52	0.66	-5.86	5.73	Pass

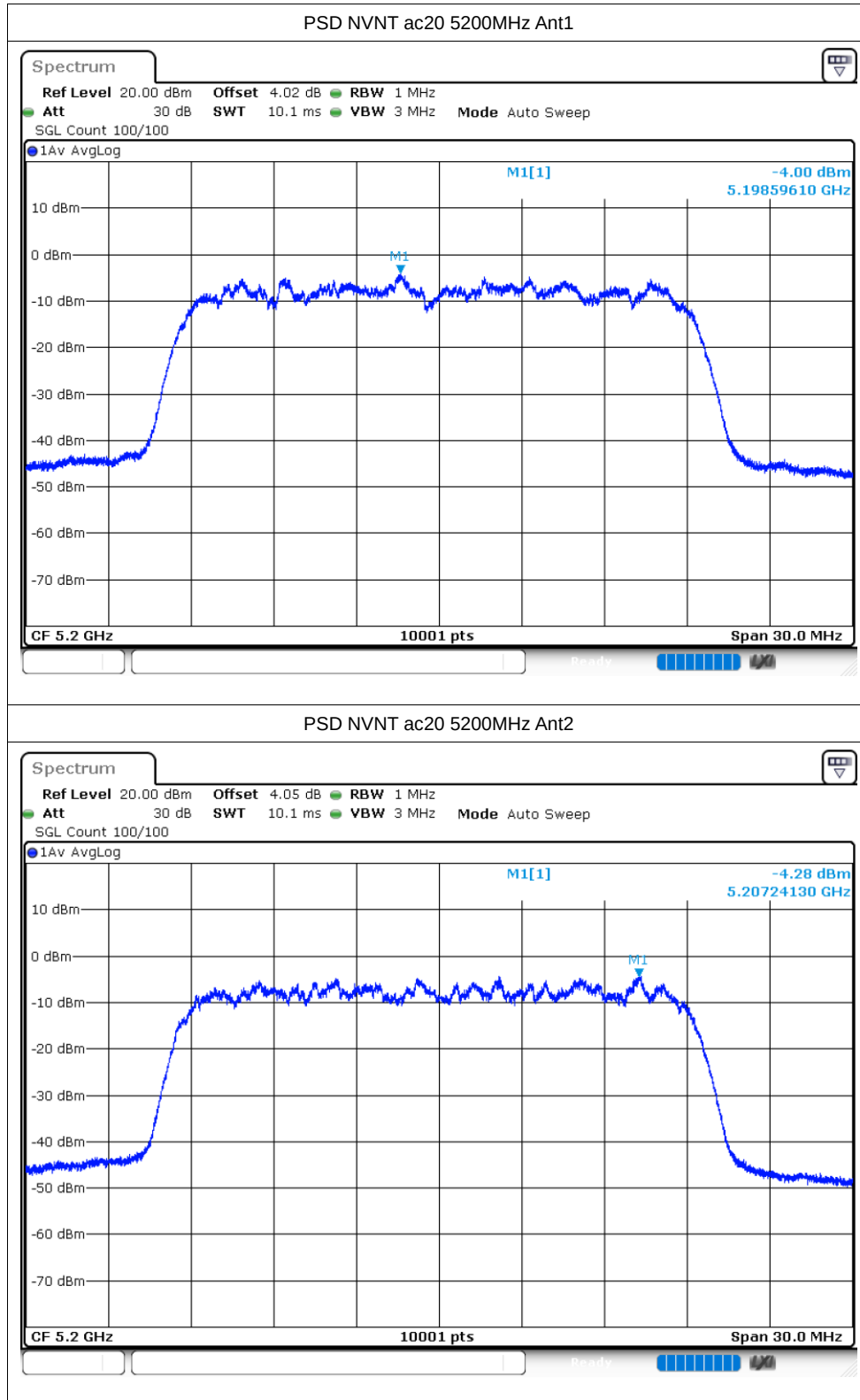
Test Graphs

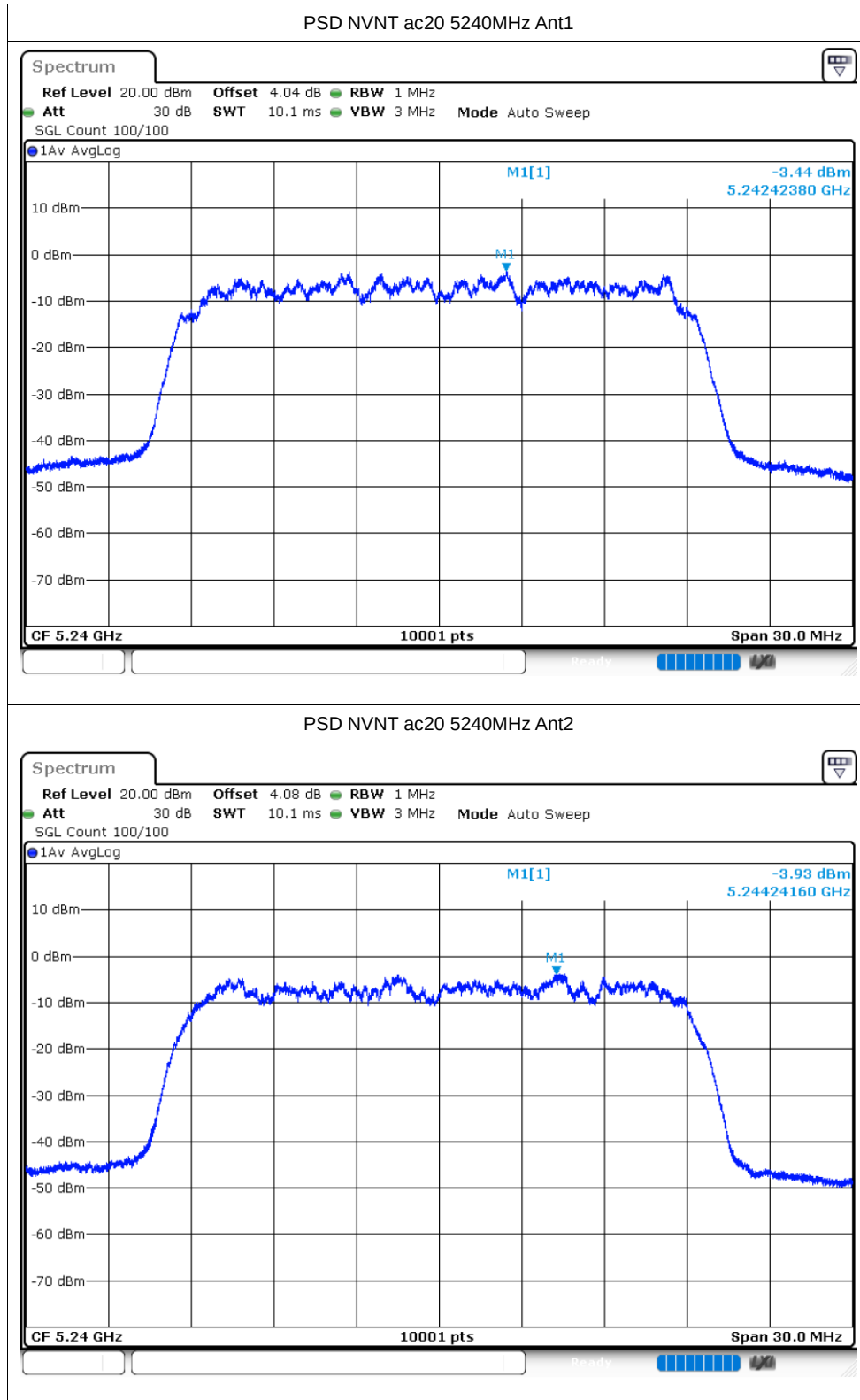
PSD NVNT ac20 5180MHz Ant1

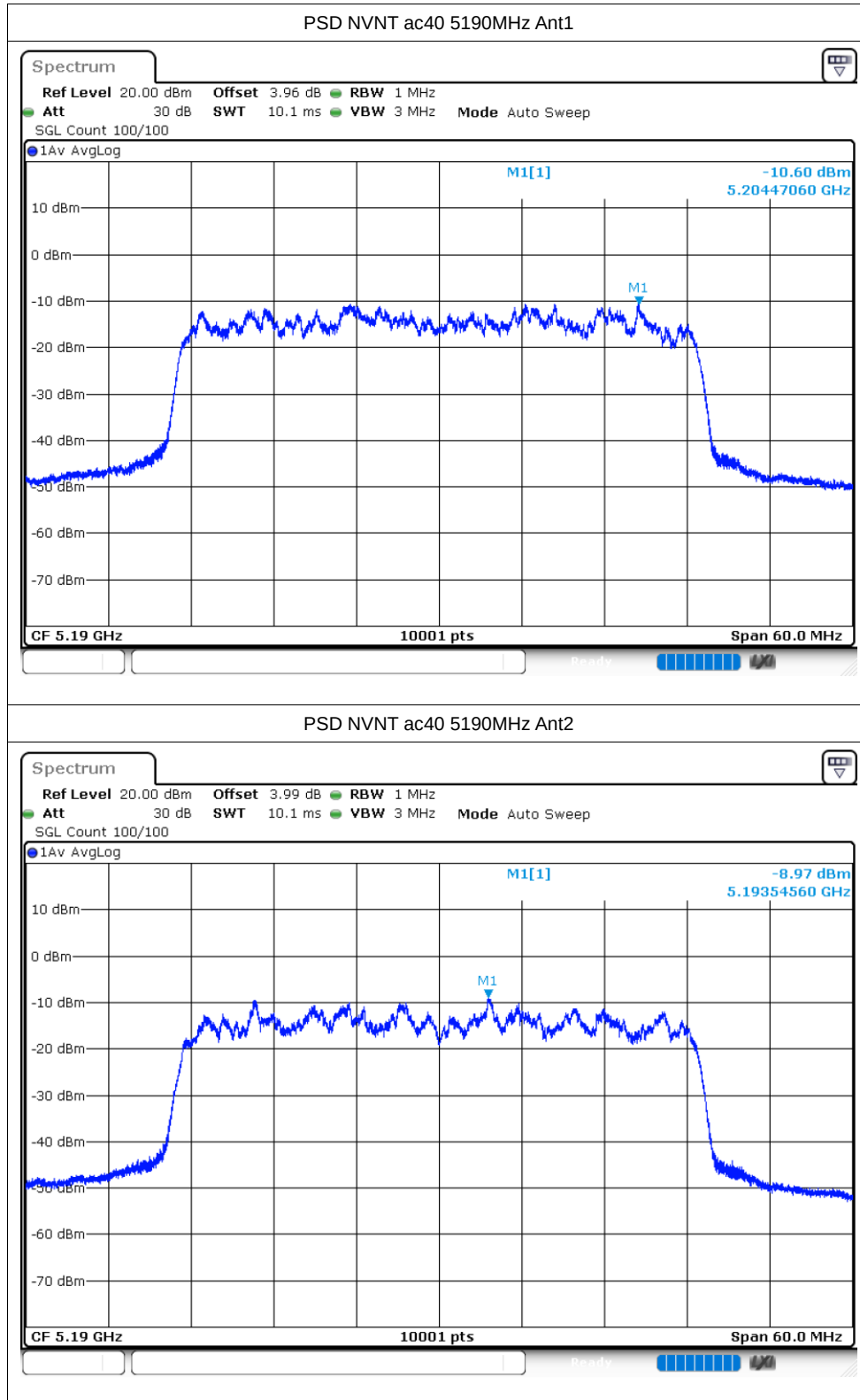


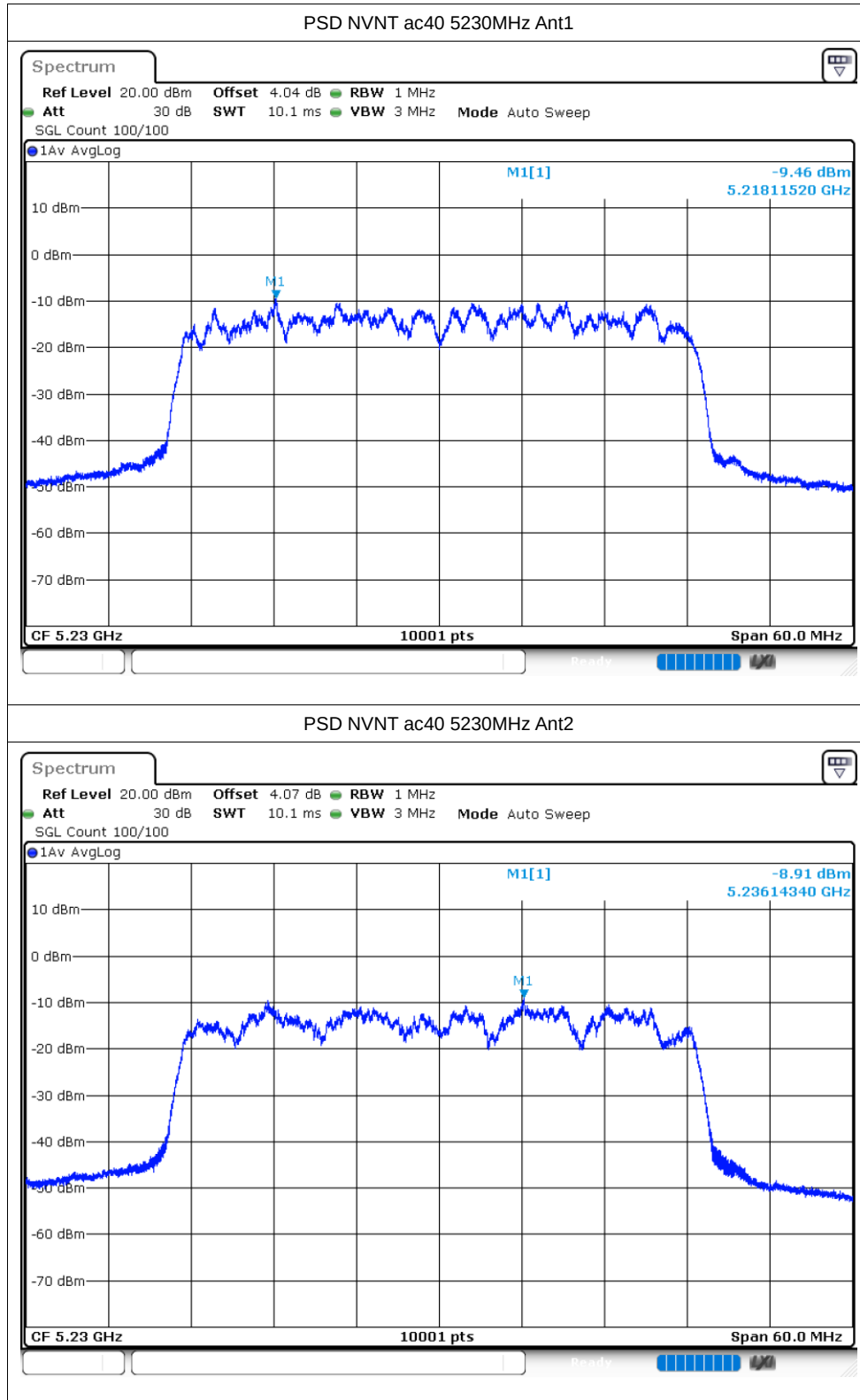
PSD NVNT ac20 5180MHz Ant2

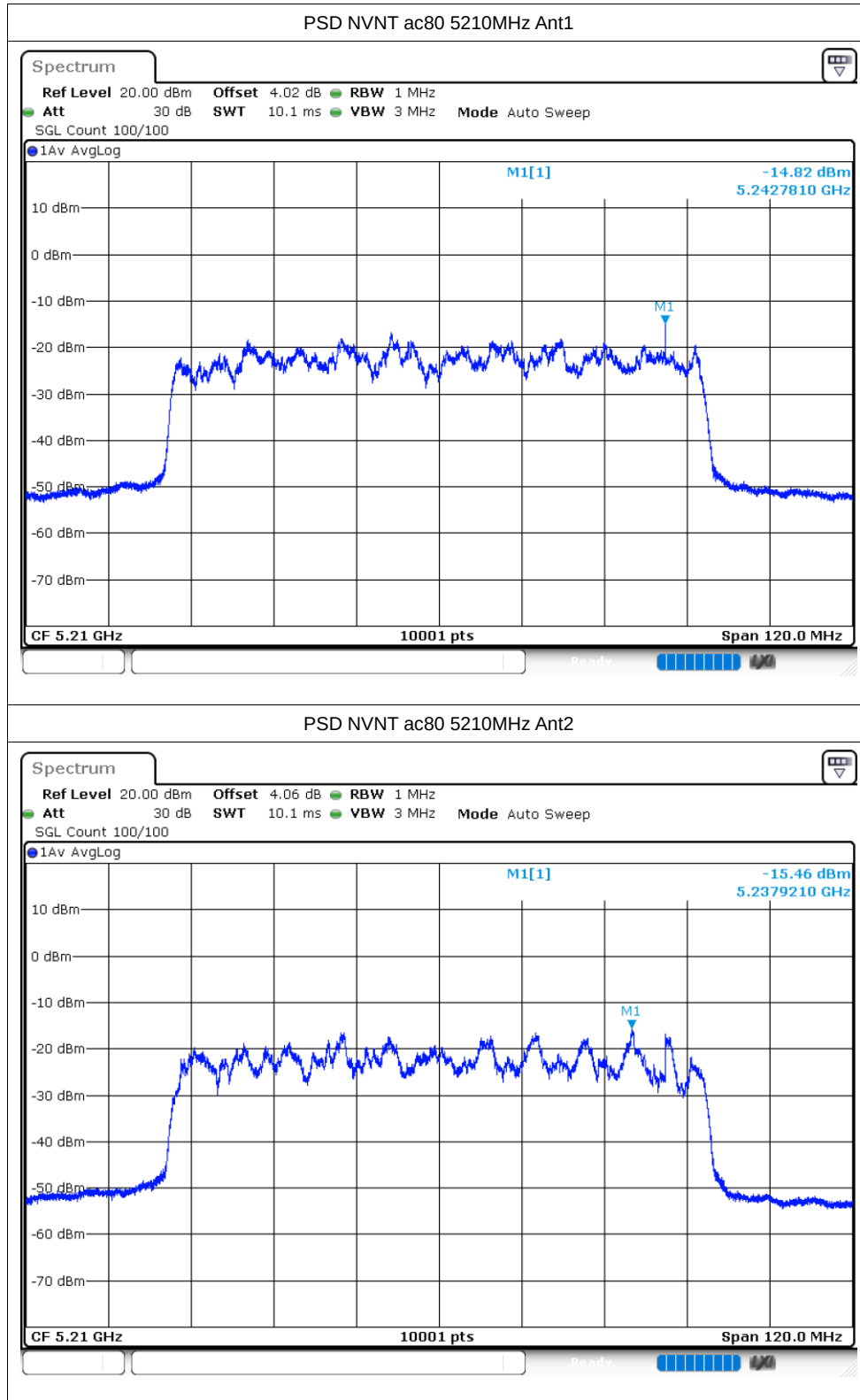


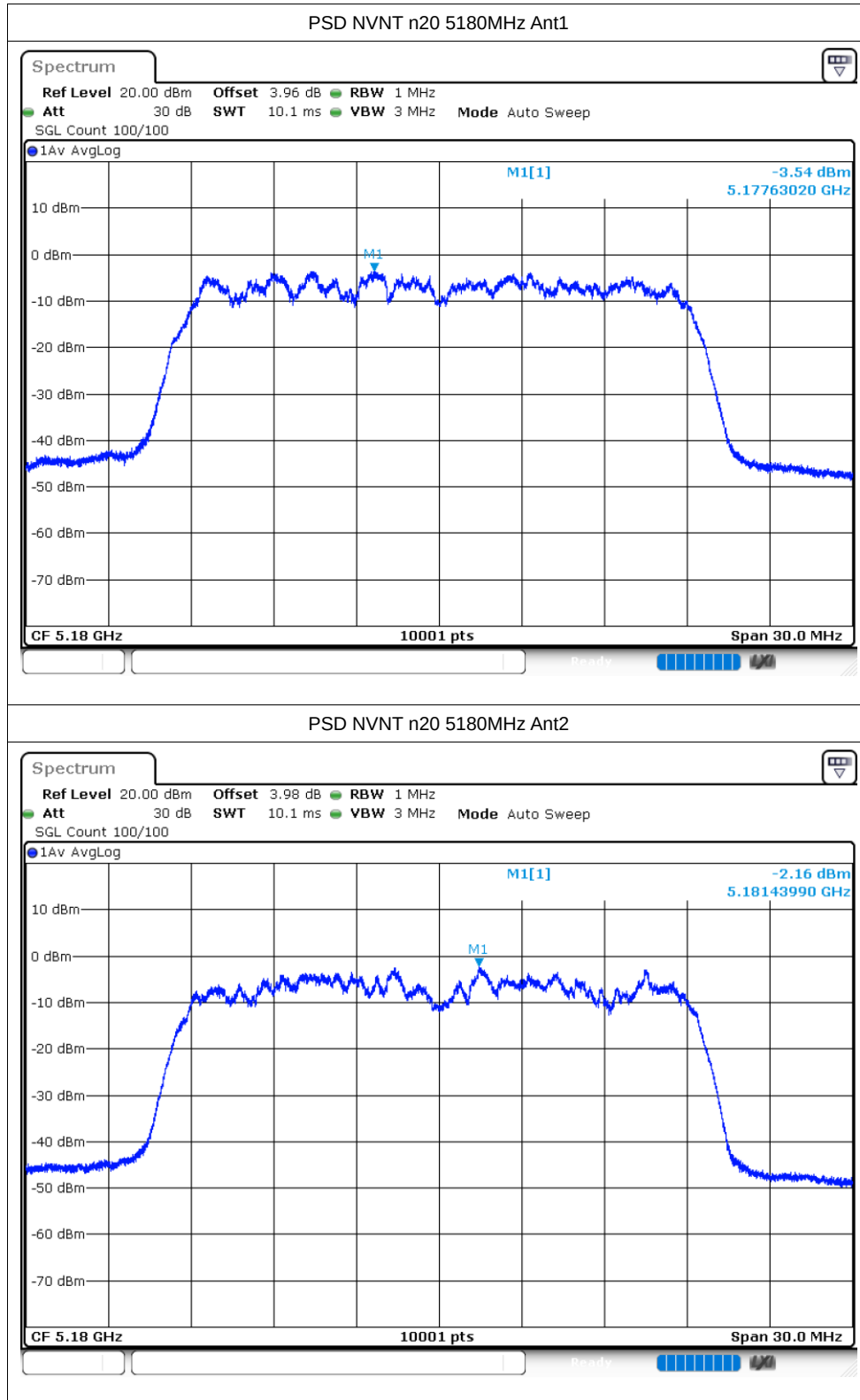


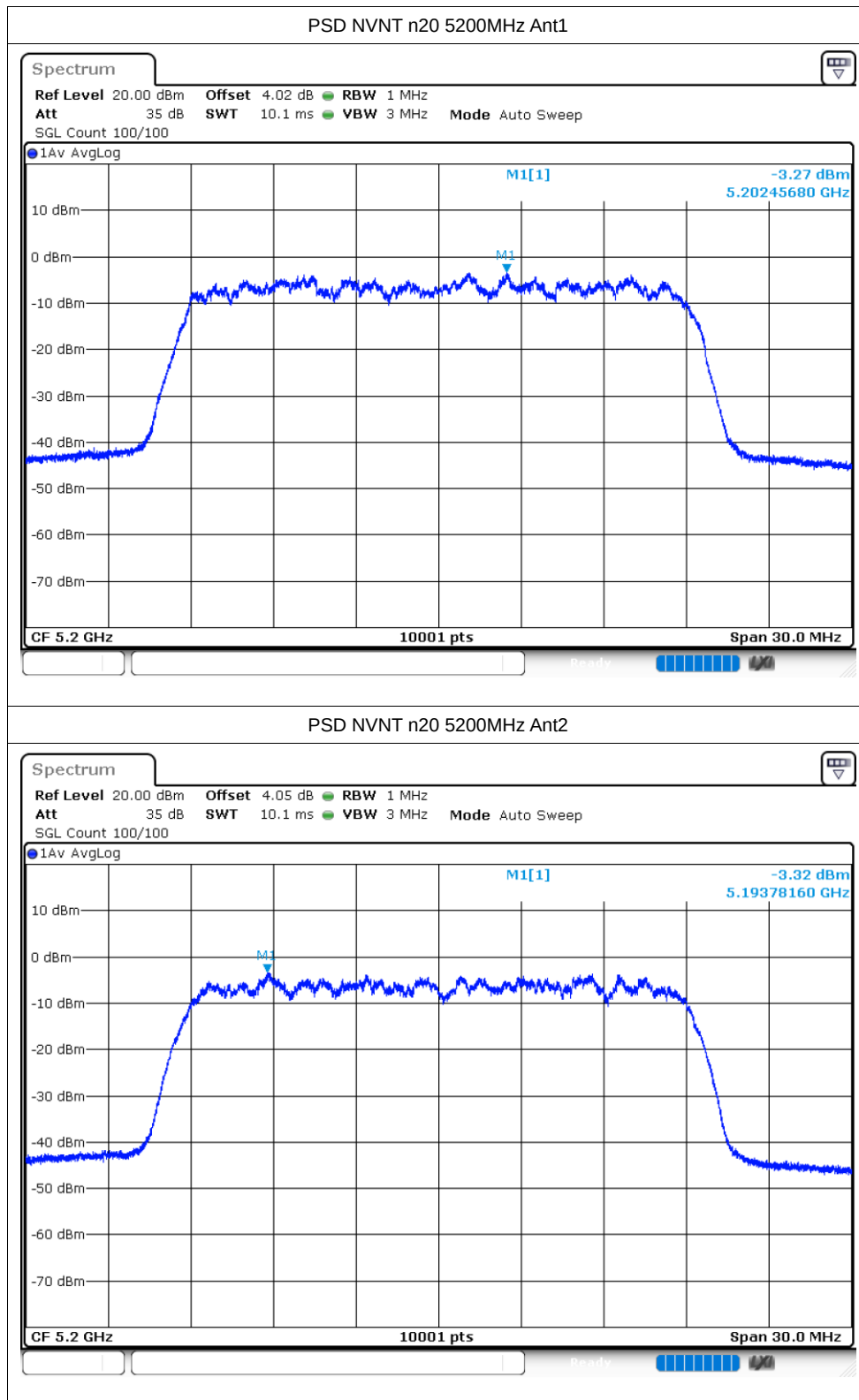


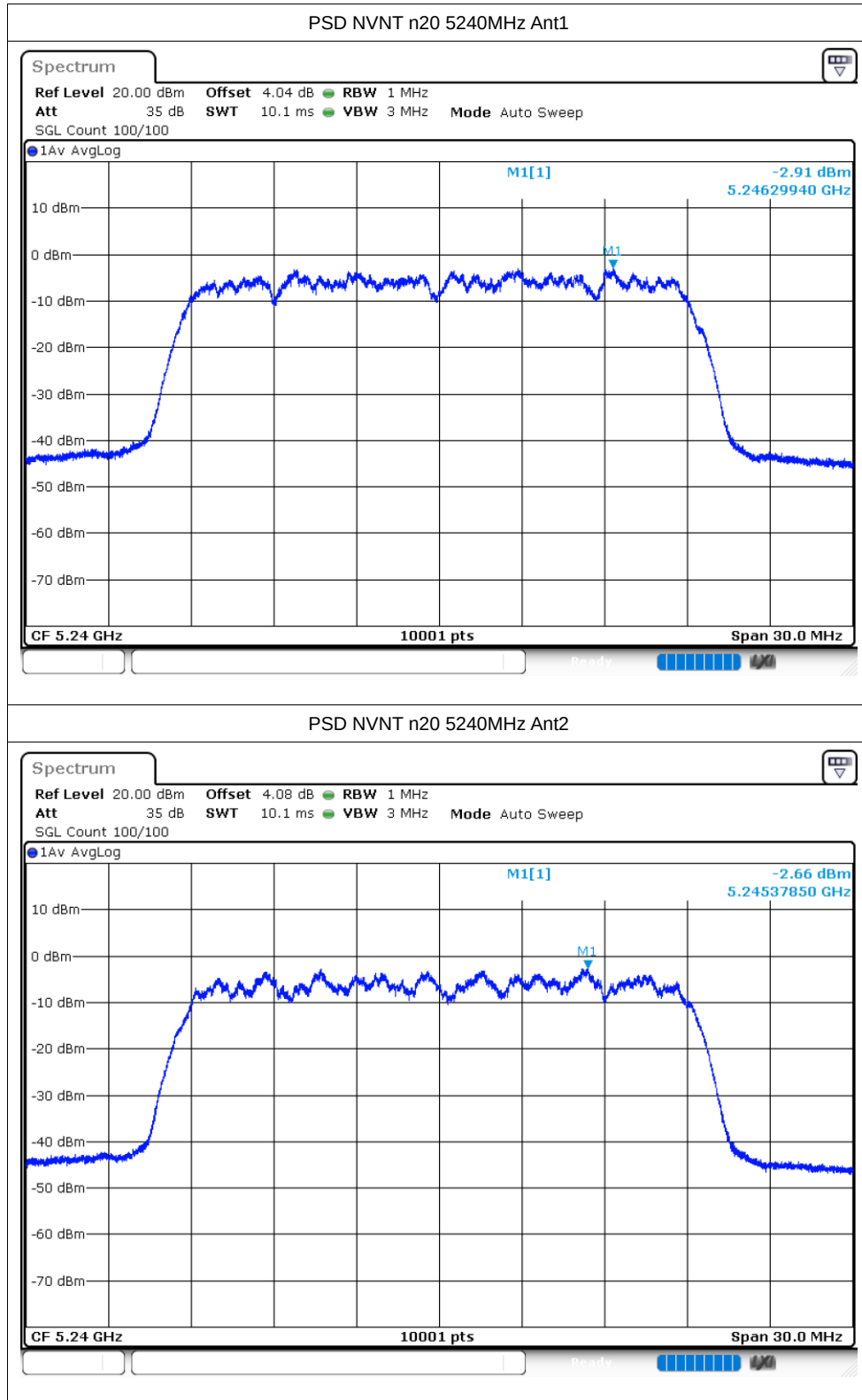


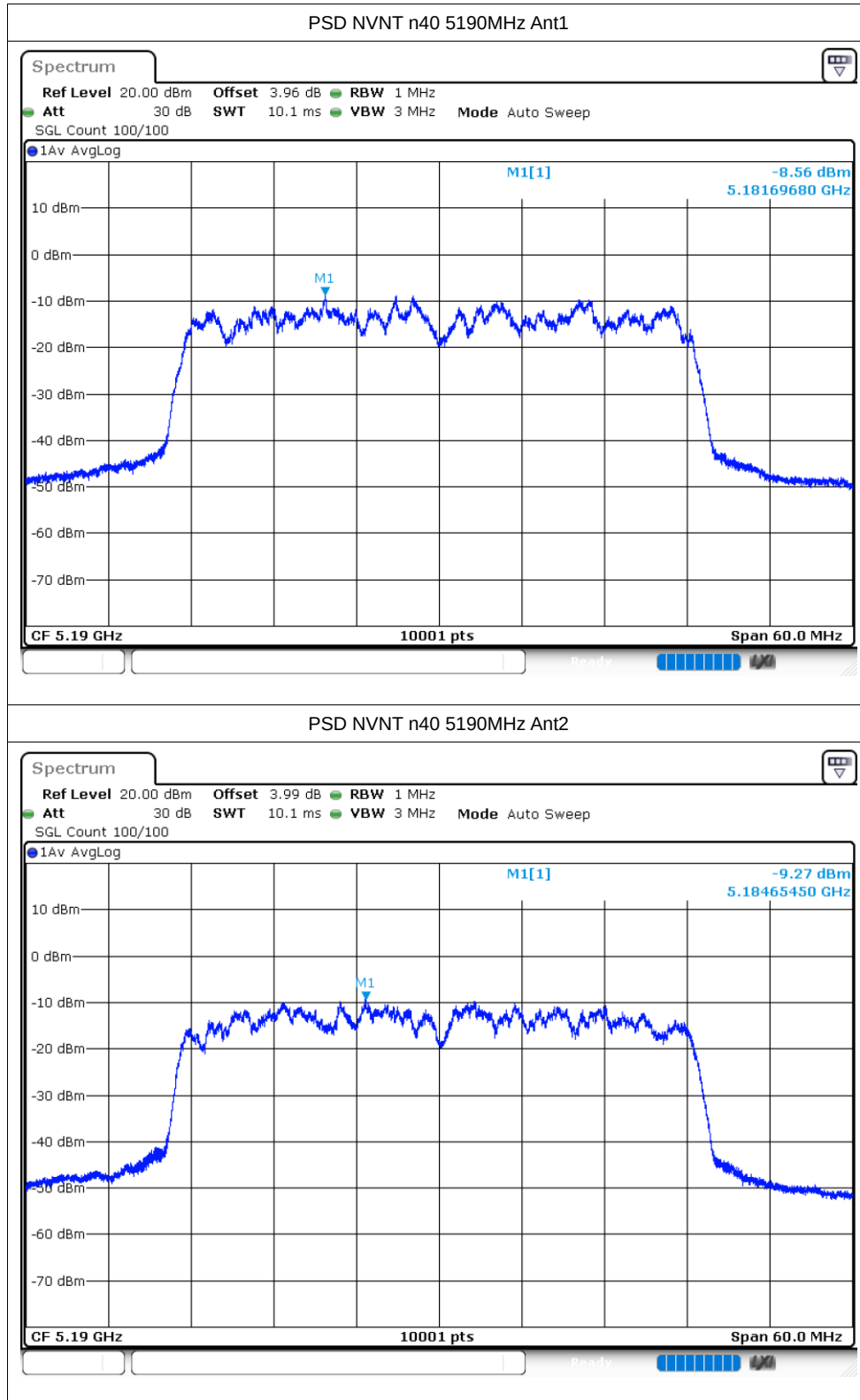


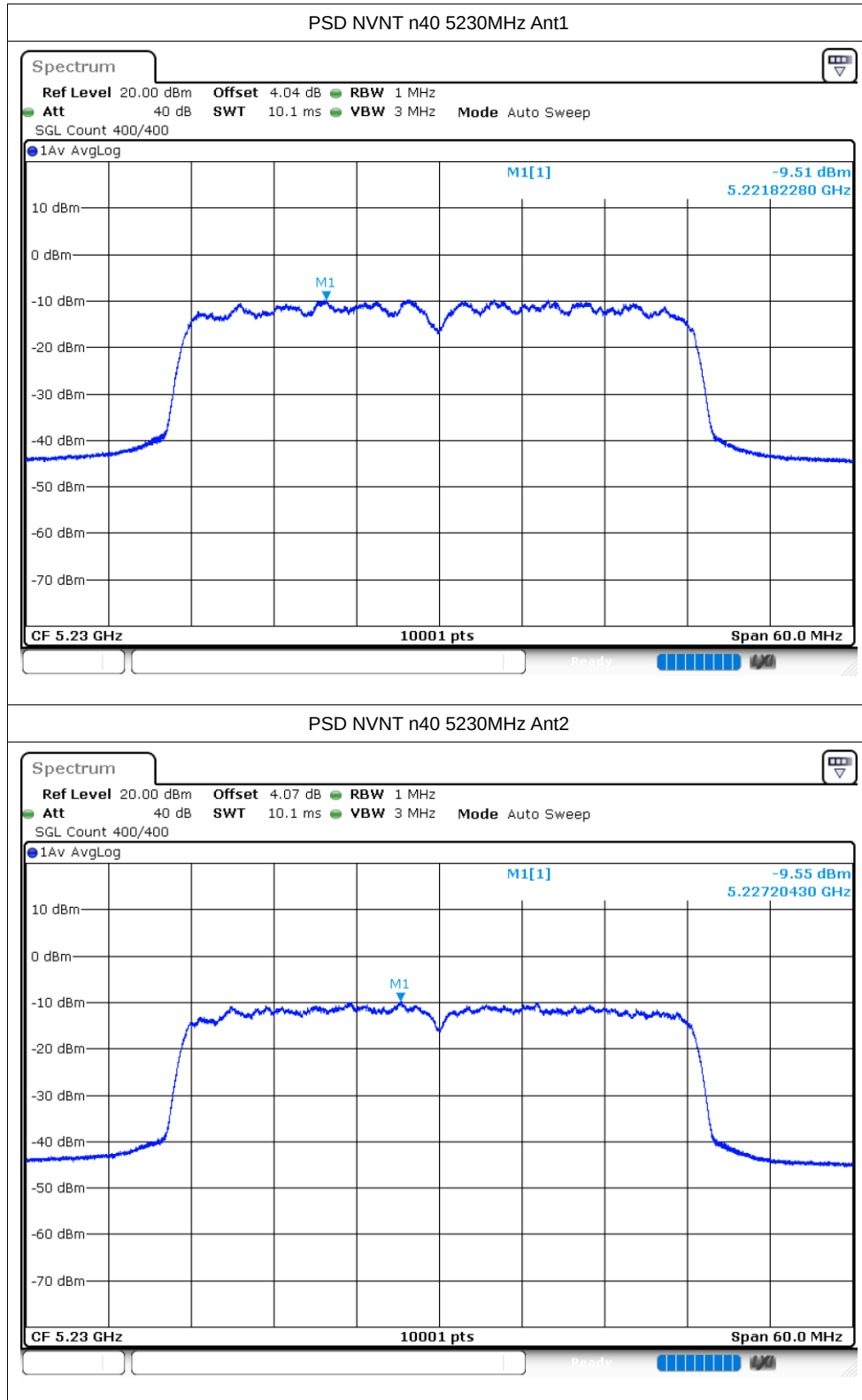












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	-36.95	-27	Pass
NVNT	ac20	5180	Ant2	-37.69	-27	Pass
NVNT	ac20	5240	Ant1	-37.29	-27	Pass
NVNT	ac20	5240	Ant2	-37.03	-27	Pass
NVNT	ac40	5190	Ant1	-32.01	-27	Pass
NVNT	ac40	5190	Ant2	-34.9	-27	Pass
NVNT	ac40	5230	Ant1	-36.84	-27	Pass
NVNT	ac40	5230	Ant2	-36.38	-27	Pass
NVNT	ac80	5210	Ant1	-37.67	-27	Pass
NVNT	ac80	5210	Ant2	-37.33	-27	Pass
NVNT	ac80	5210	Ant1	-33.67	-27	Pass
NVNT	ac80	5210	Ant2	-32.88	-27	Pass
NVNT	n20	5180	Ant1	-37.38	-27	Pass
NVNT	n20	5180	Ant2	-37.03	-27	Pass
NVNT	n20	5240	Ant1	-36.64	-27	Pass
NVNT	n20	5240	Ant2	-37.55	-27	Pass
NVNT	n40	5190	Ant1	-33.32	-27	Pass
NVNT	n40	5190	Ant2	-36.17	-27	Pass
NVNT	n40	5230	Ant1	-41.31	-27	Pass
NVNT	n40	5230	Ant2	-40.52	-27	Pass

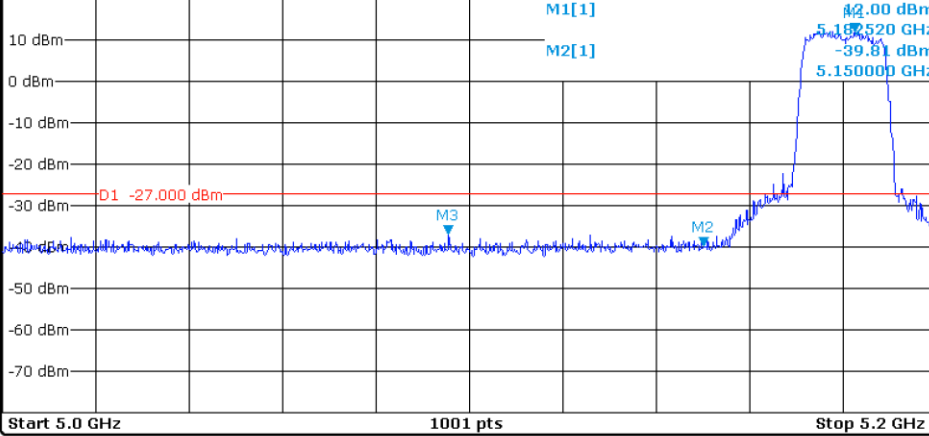
Test Graphs

Band Edge NVNT ac20 5180MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 8.96 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

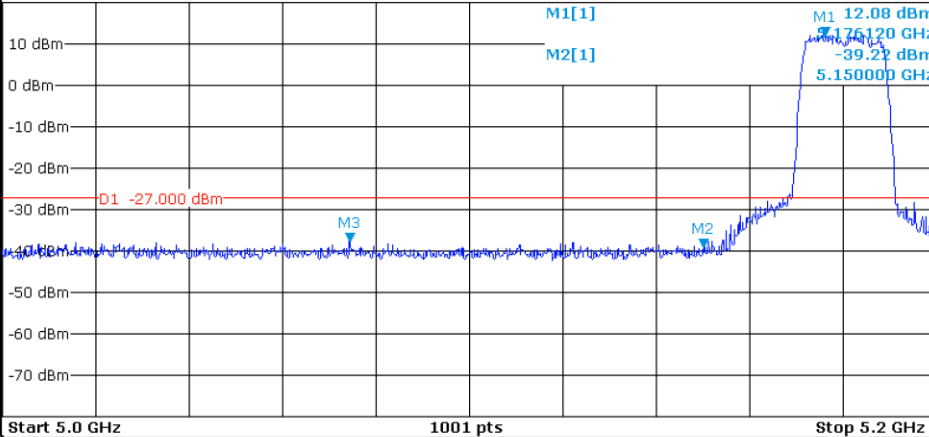
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.18252 GHz	12.00 dBm		
M2	1		5.15 GHz	-39.81 dBm		
M3	1		5.0954 GHz	-36.96 dBm		

Band Edge NVNT ac20 5180MHz Low Ant2

Spectrum

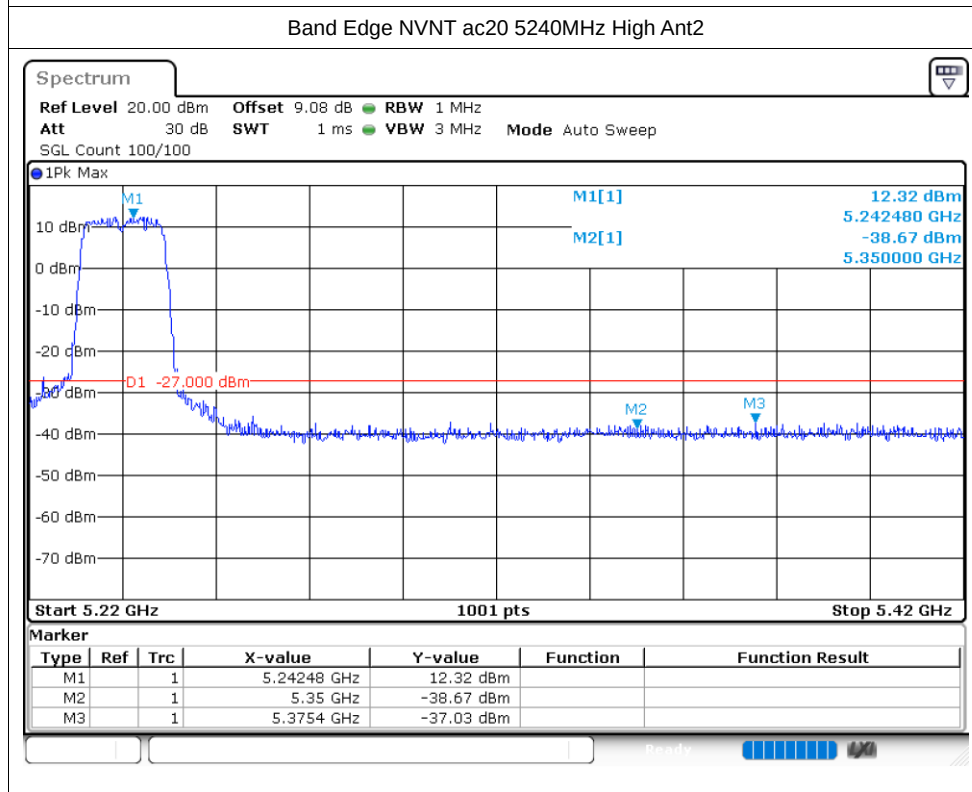
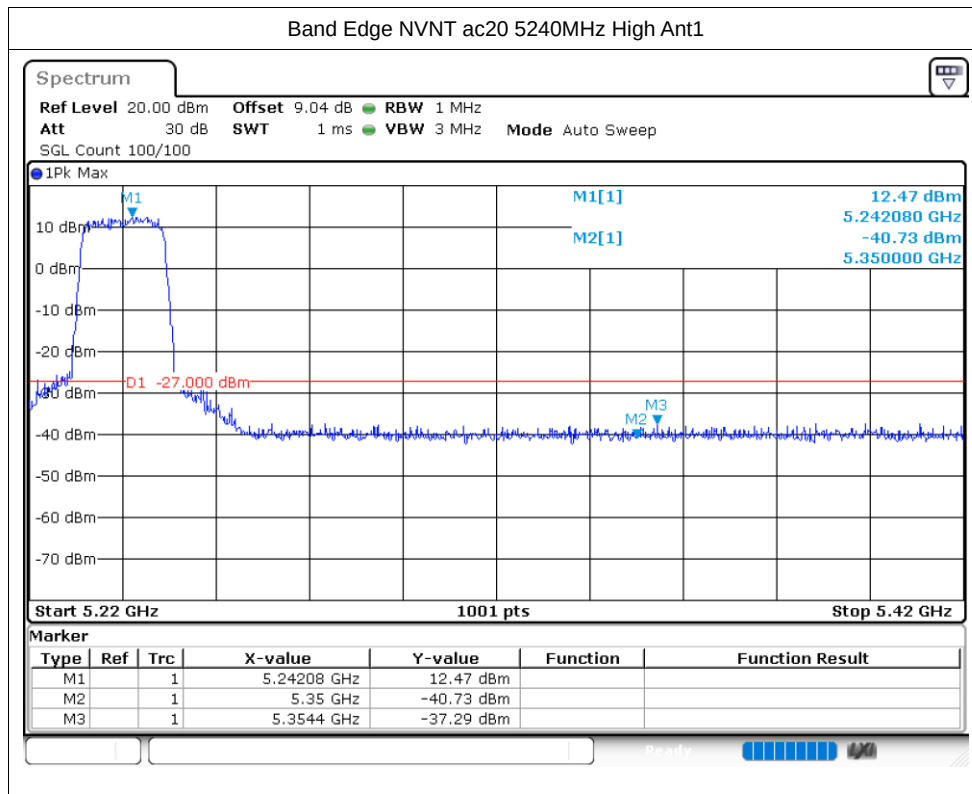
Ref Level 20.00 dBm Offset 8.98 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

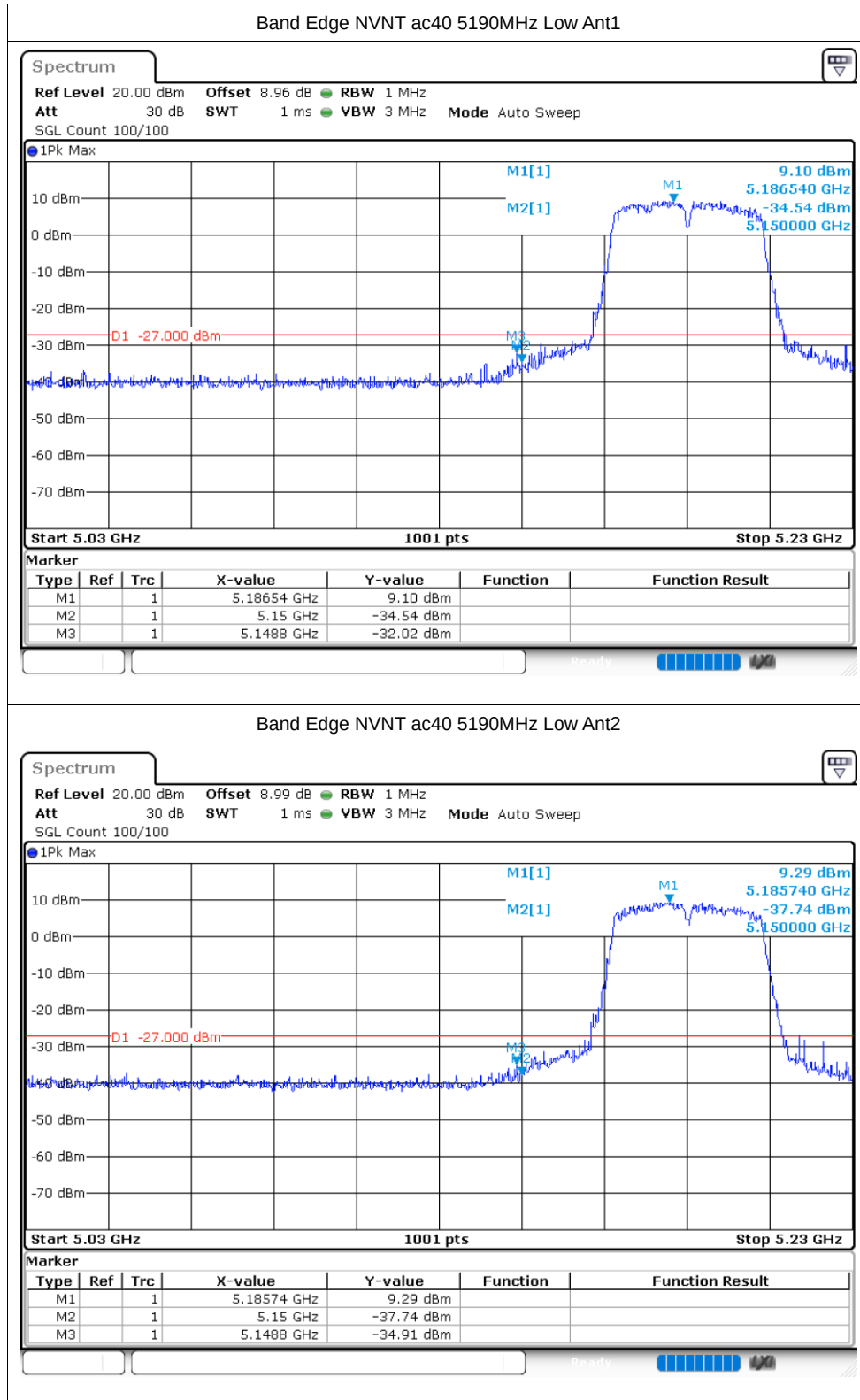
1Pk Max

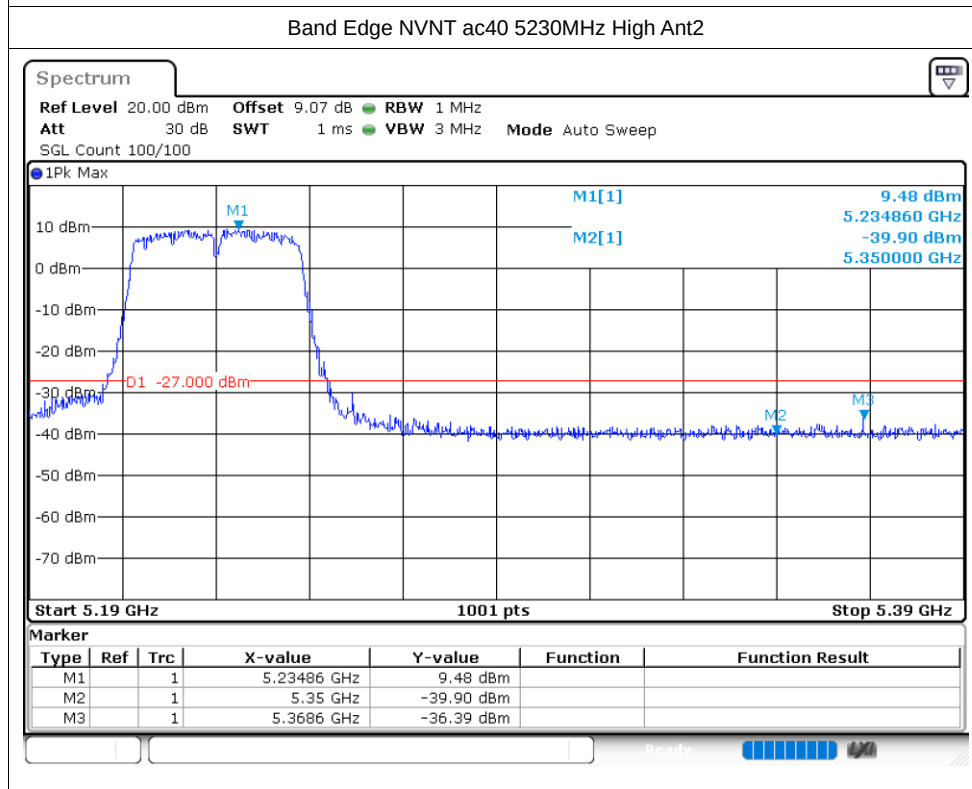
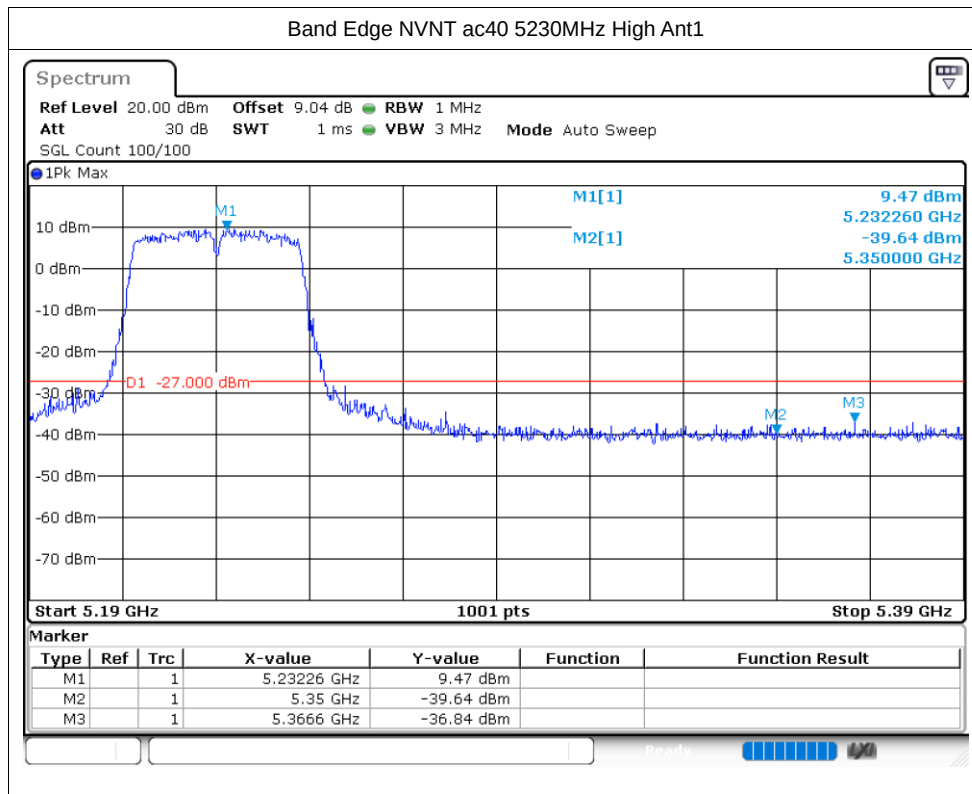


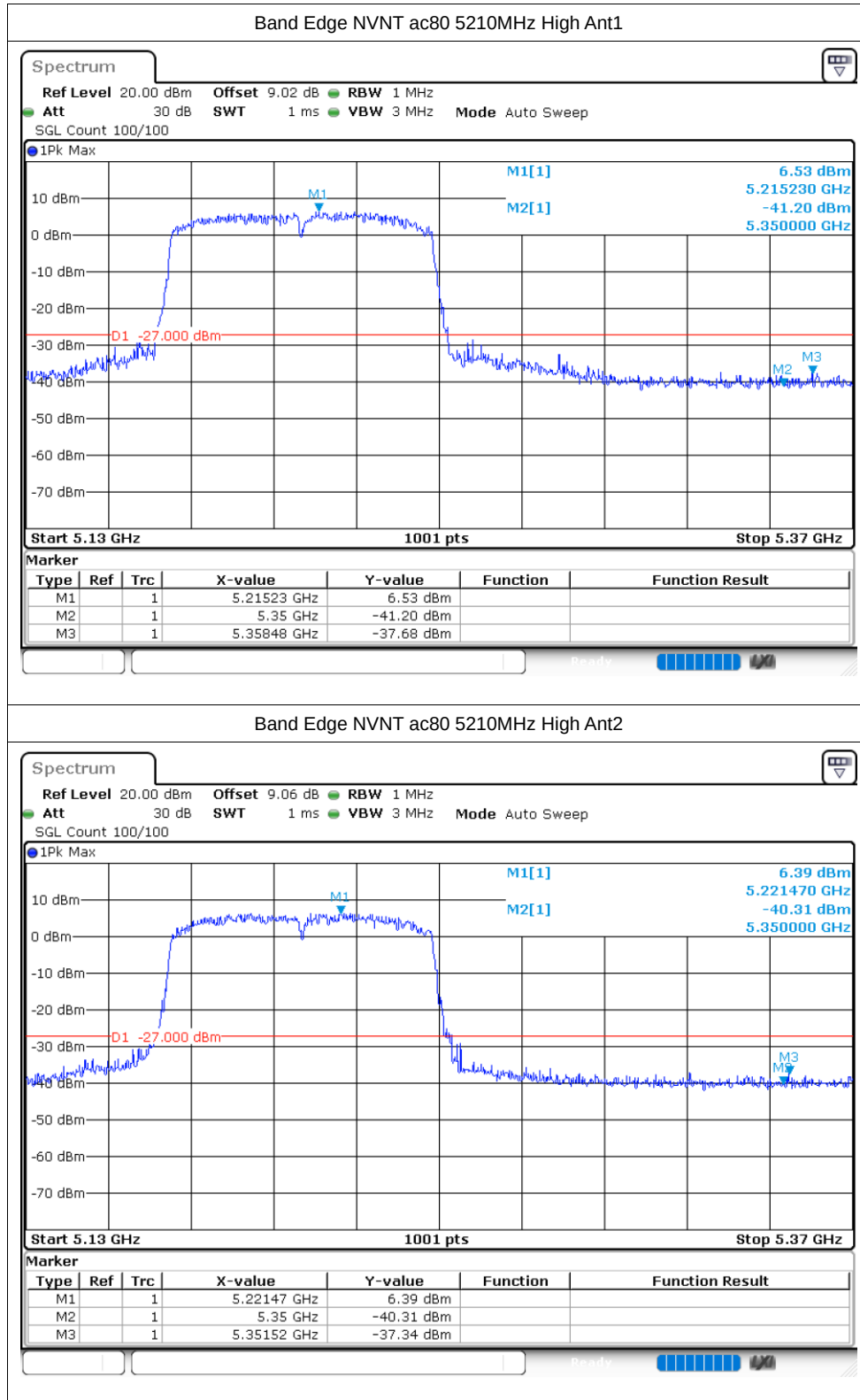
Marker

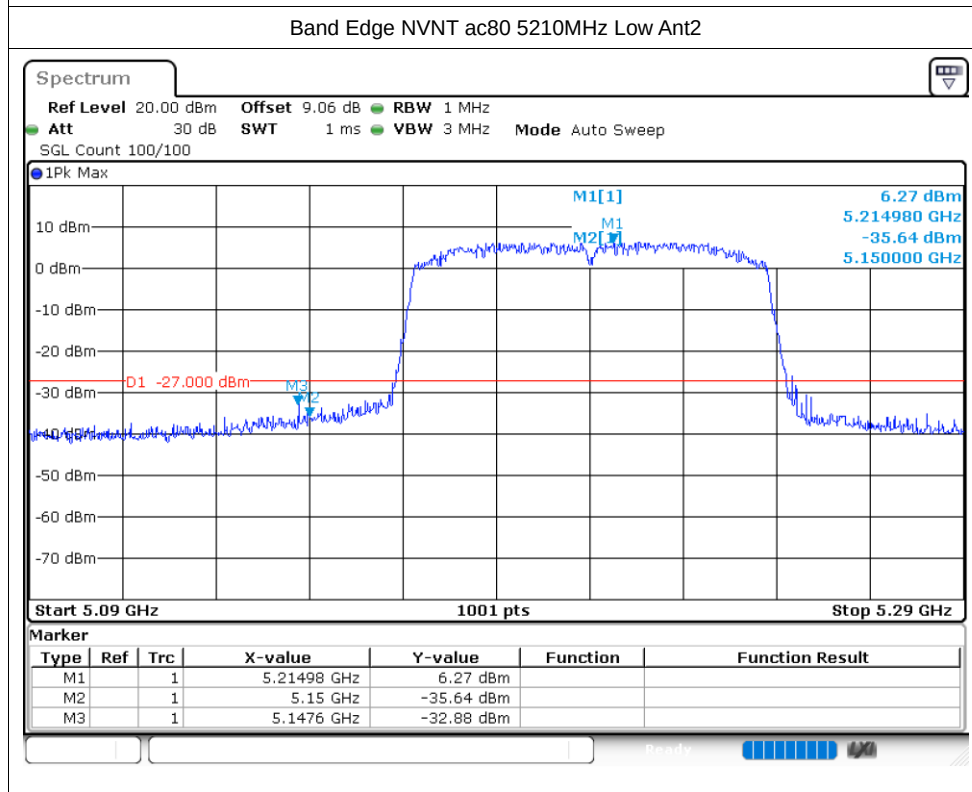
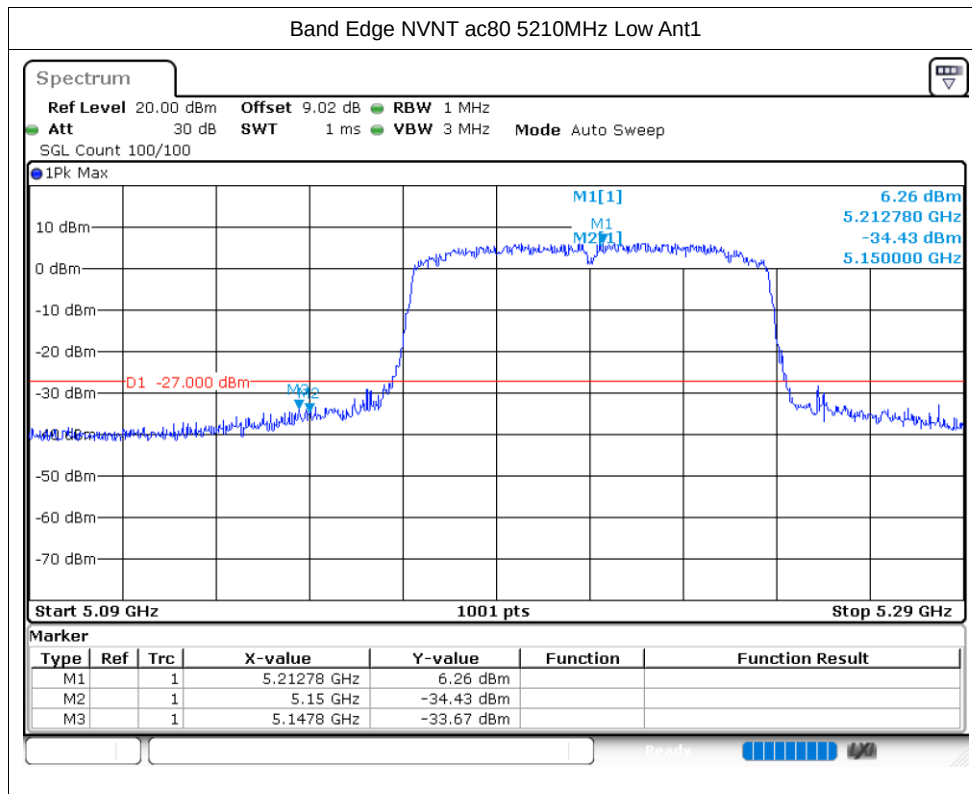
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.17612 GHz	12.08 dBm		
M2	1		5.15 GHz	-39.22 dBm		
M3	1		5.0744 GHz	-37.70 dBm		

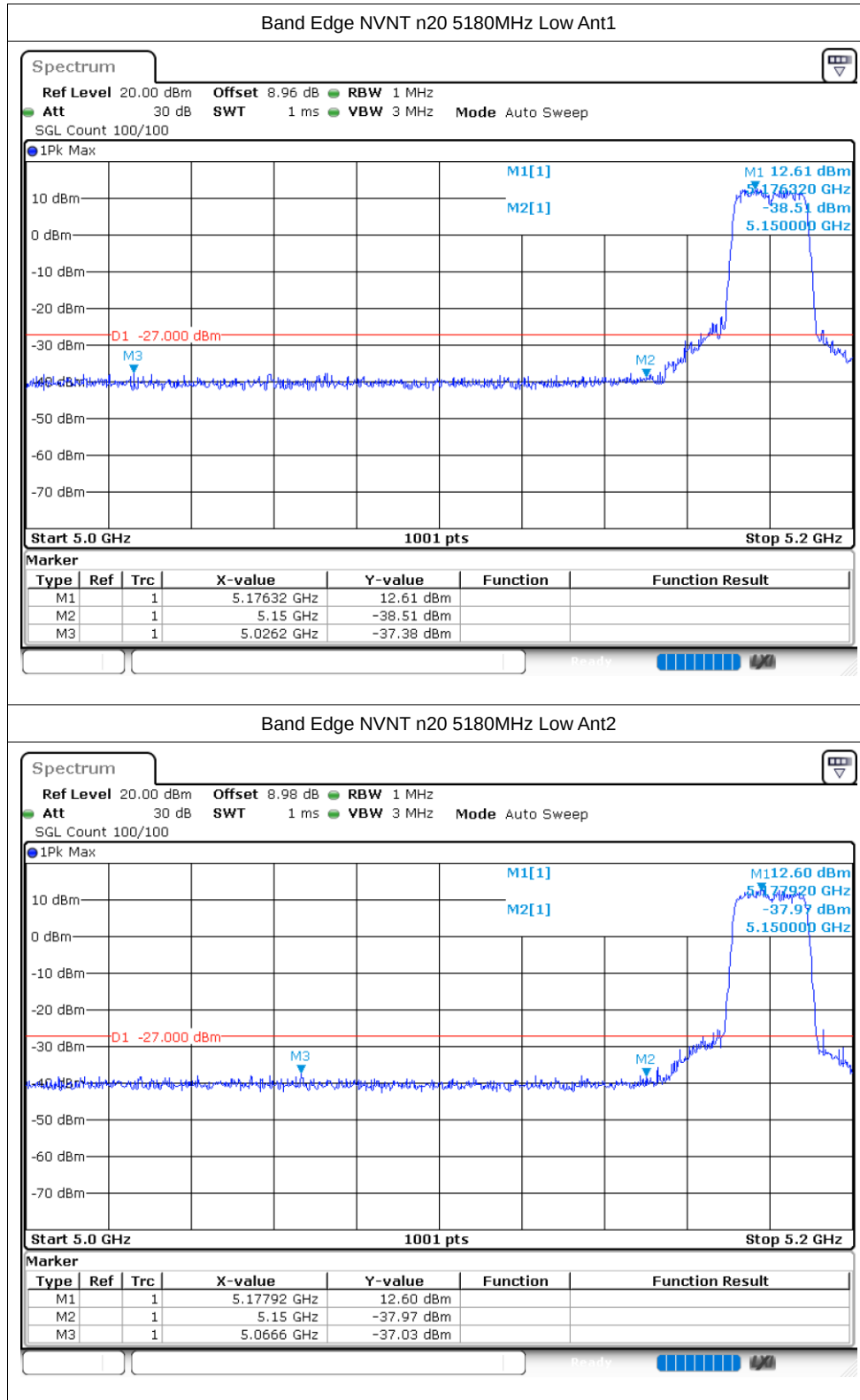


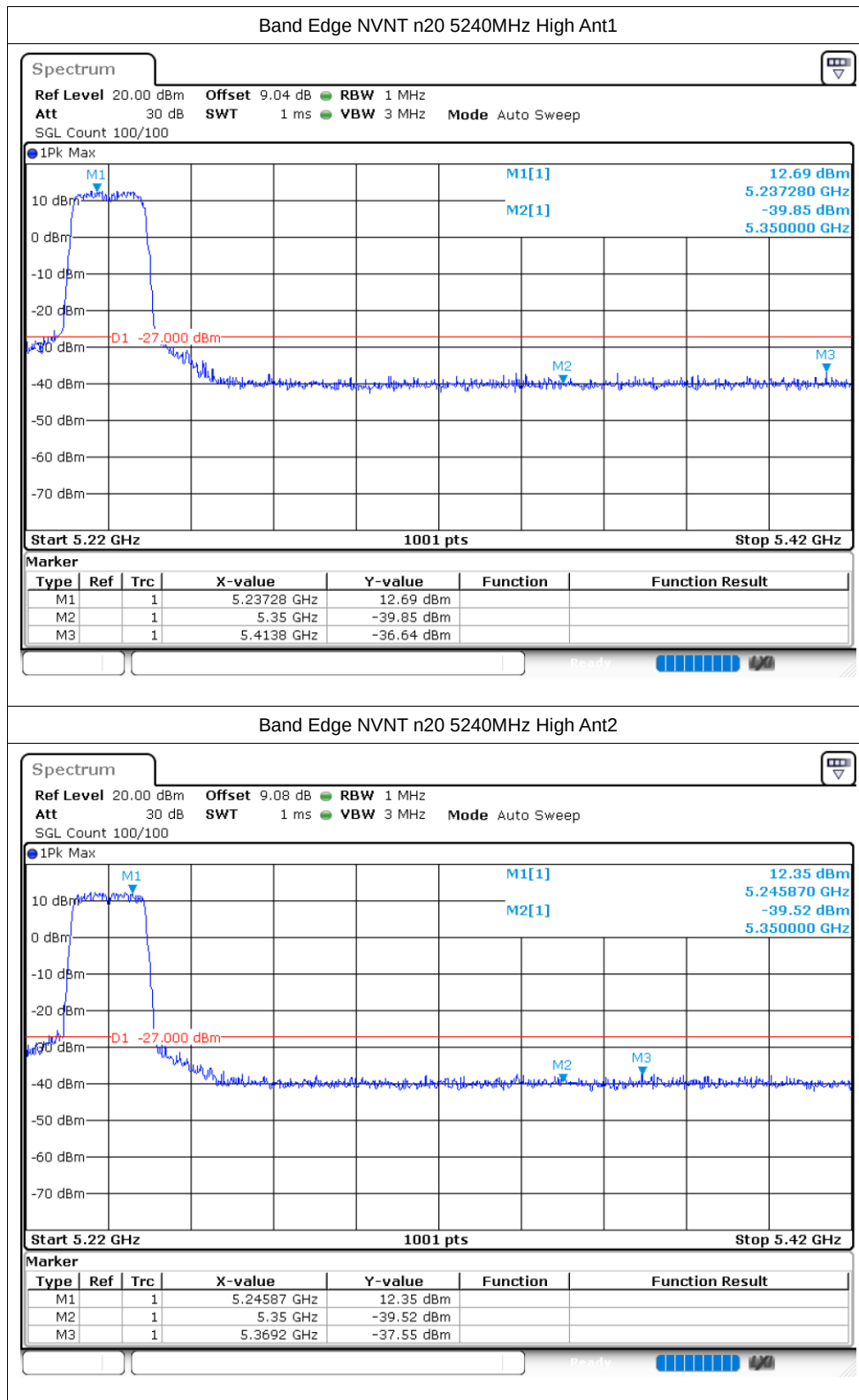




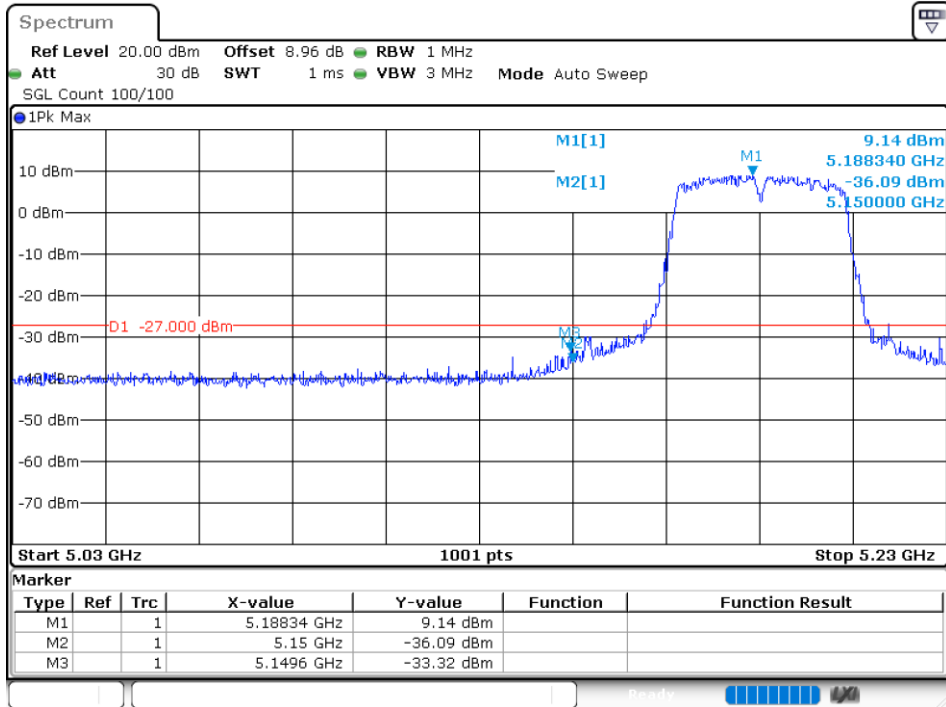




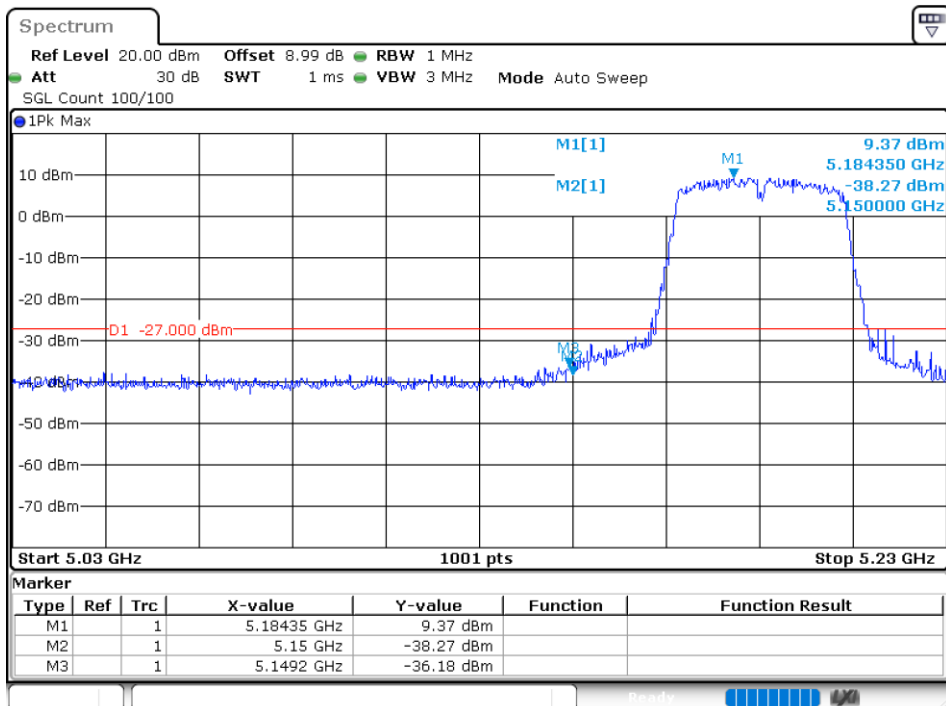




Band Edge NVNT n40 5190MHz Low Ant1



Band Edge NVNT n40 5190MHz Low Ant2

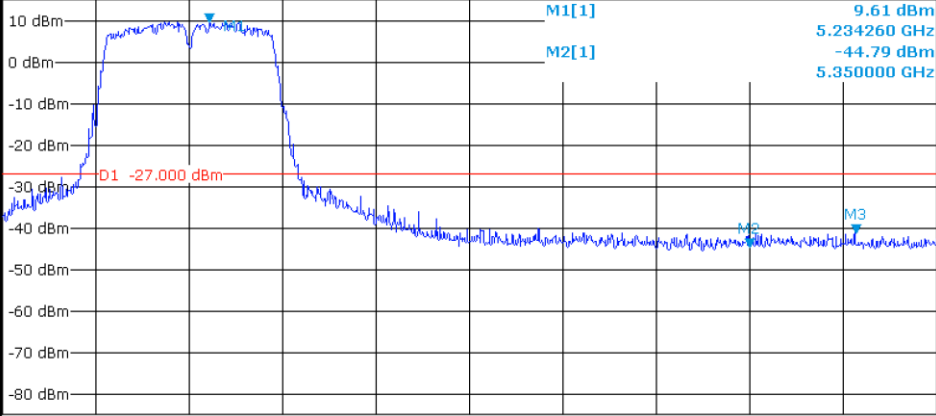


Band Edge NVNT n40 5230MHz High Ant1

Spectrum

Ref Level 15.00 dBm Offset 9.04 dB RBW 1 MHz
Att 25 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

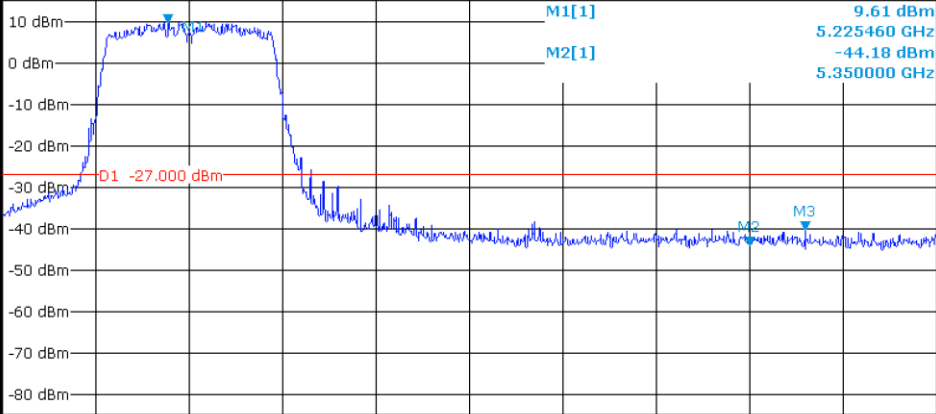
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.23426 GHz	9.61 dBm		
M2	1	1	5.35 GHz	-44.79 dBm		
M3	1	1	5.3726 GHz	-41.31 dBm		

Band Edge NVNT n40 5230MHz High Ant2

Spectrum

Ref Level 15.00 dBm Offset 9.07 dB RBW 1 MHz
Att 25 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

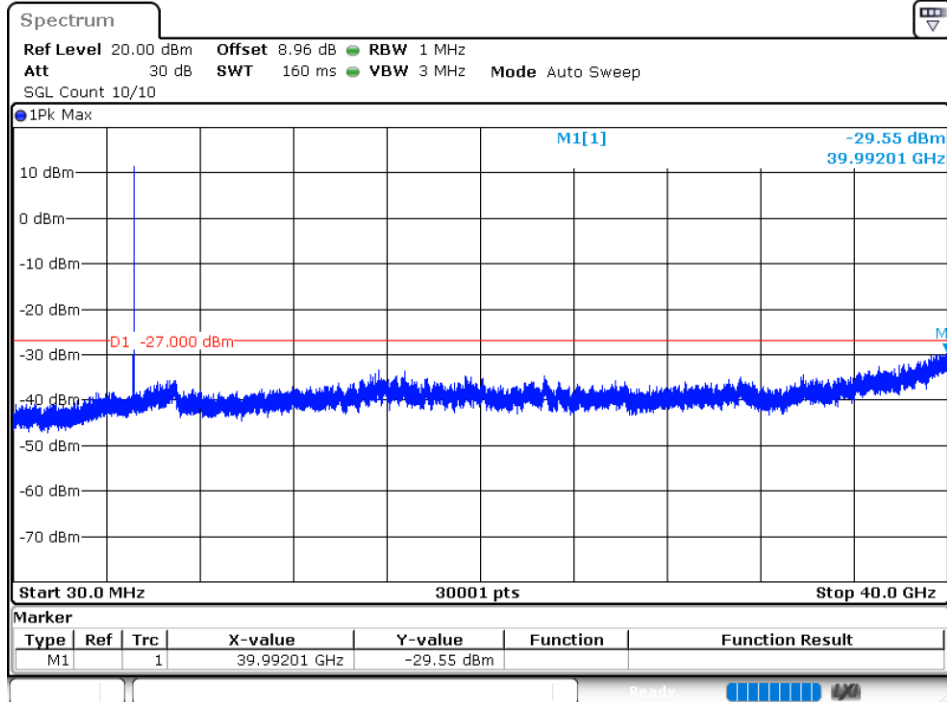
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.22546 GHz	9.61 dBm		
M2	1	1	5.35 GHz	-44.18 dBm		
M3	1	1	5.3618 GHz	-40.53 dBm		

Conducted RF Spurious Emission

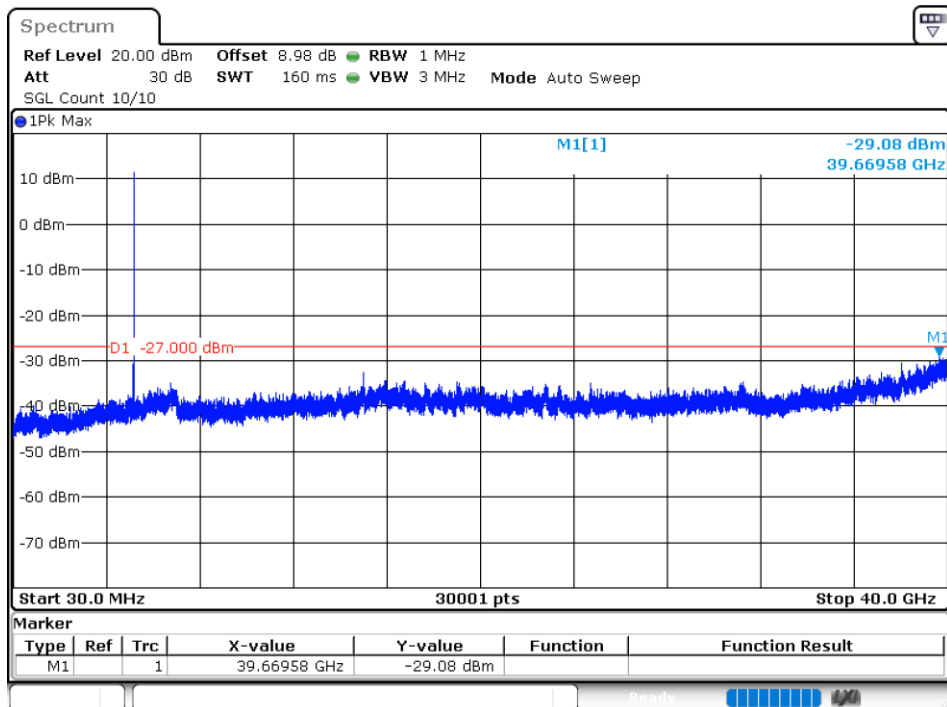
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ac20	5180	Ant1	-29.55	-27	Pass
NVNT	ac20	5180	Ant2	-29.08	-27	Pass
NVNT	ac20	5200	Ant1	-29.35	-27	Pass
NVNT	ac20	5200	Ant2	-29.19	-27	Pass
NVNT	ac20	5240	Ant1	-28.46	-27	Pass
NVNT	ac20	5240	Ant2	-29.36	-27	Pass
NVNT	ac40	5190	Ant1	-28.65	-27	Pass
NVNT	ac40	5190	Ant2	-29.02	-27	Pass
NVNT	ac40	5230	Ant1	-28.91	-27	Pass
NVNT	ac40	5230	Ant2	-28.91	-27	Pass
NVNT	ac80	5210	Ant1	-28.27	-27	Pass
NVNT	ac80	5210	Ant2	-29.14	-27	Pass
NVNT	n20	5180	Ant1	-29.79	-27	Pass
NVNT	n20	5180	Ant2	-28.81	-27	Pass
NVNT	n20	5200	Ant1	-27.23	-27	Pass
NVNT	n20	5200	Ant2	-29.13	-27	Pass
NVNT	n20	5240	Ant1	-27.88	-27	Pass
NVNT	n20	5240	Ant2	-29.12	-27	Pass
NVNT	n40	5190	Ant1	-28.42	-27	Pass
NVNT	n40	5190	Ant2	-28.96	-27	Pass
NVNT	n40	5230	Ant1	-28.87	-27	Pass
NVNT	n40	5230	Ant2	-28.79	-27	Pass

Test Graphs

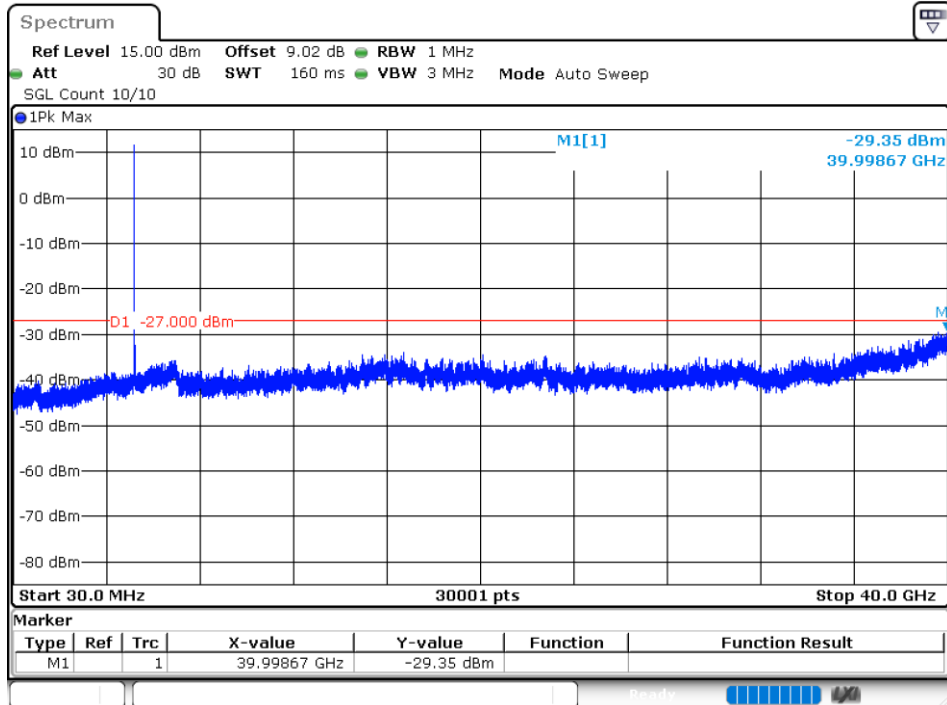
Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



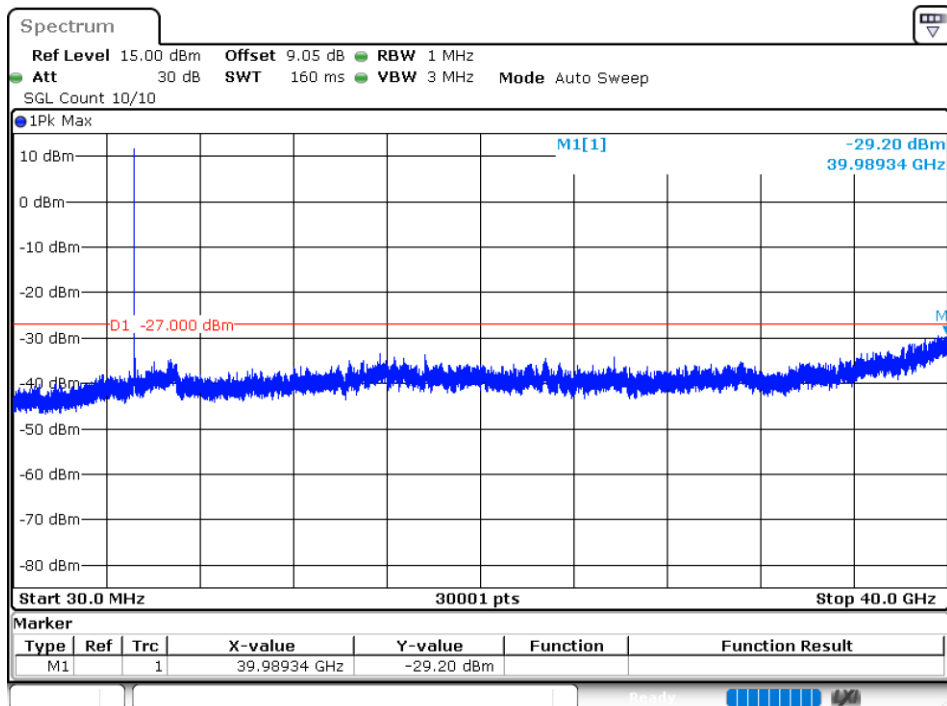
Tx. Spurious NVNT ac20 5180MHz Ant2 Emission



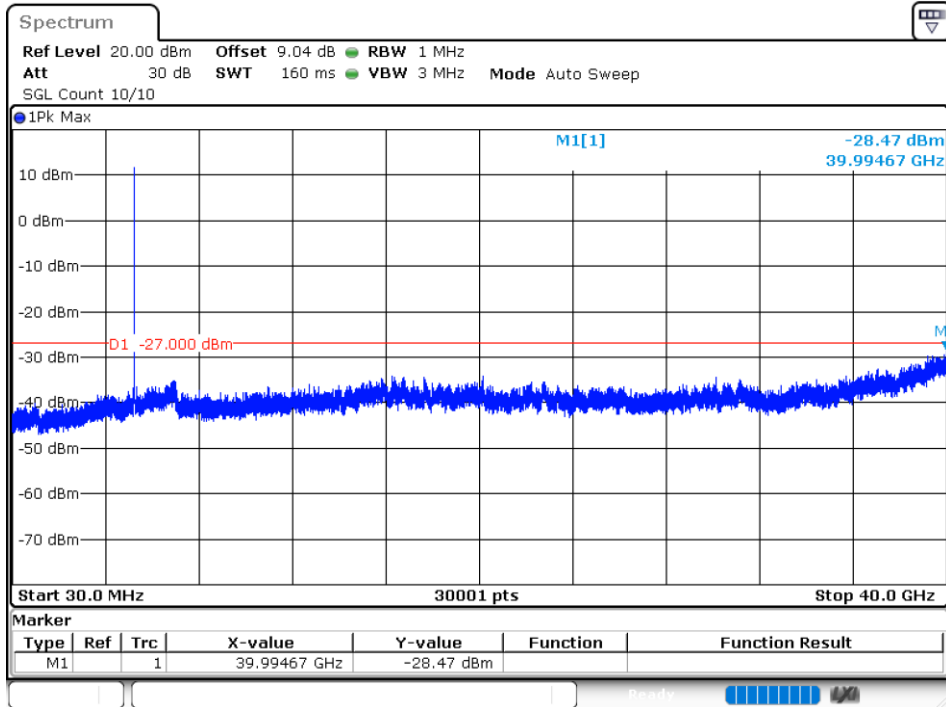
Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



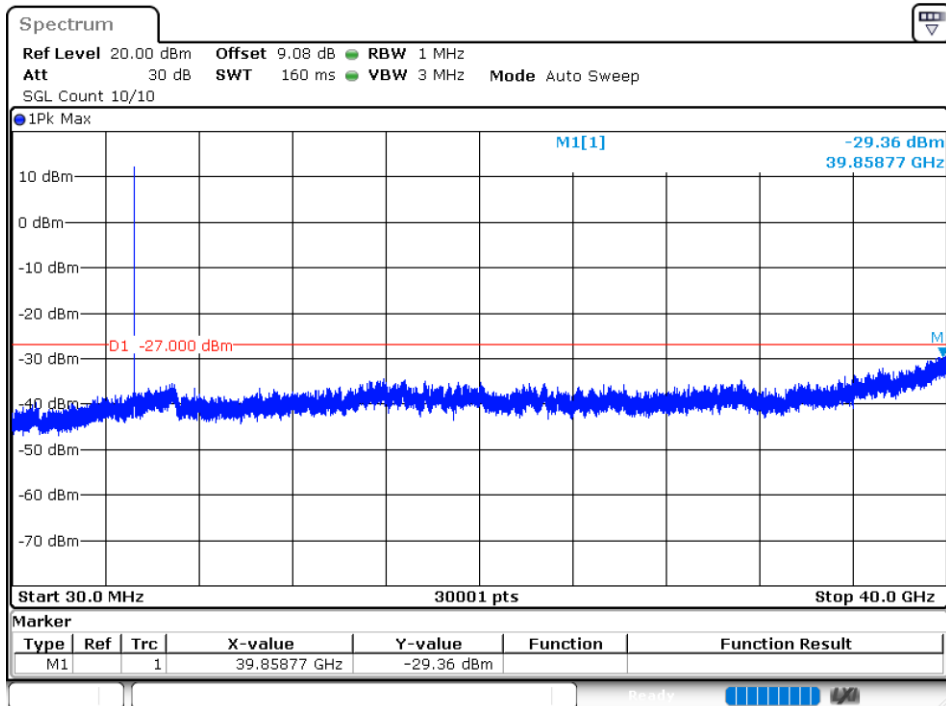
Tx. Spurious NVNT ac20 5200MHz Ant2 Emission



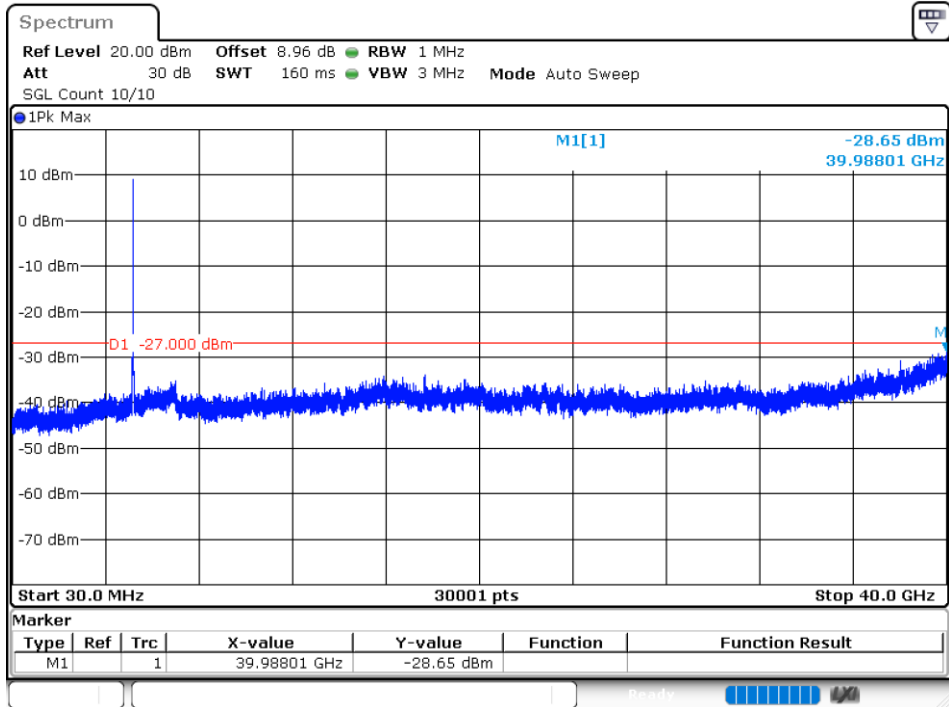
Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



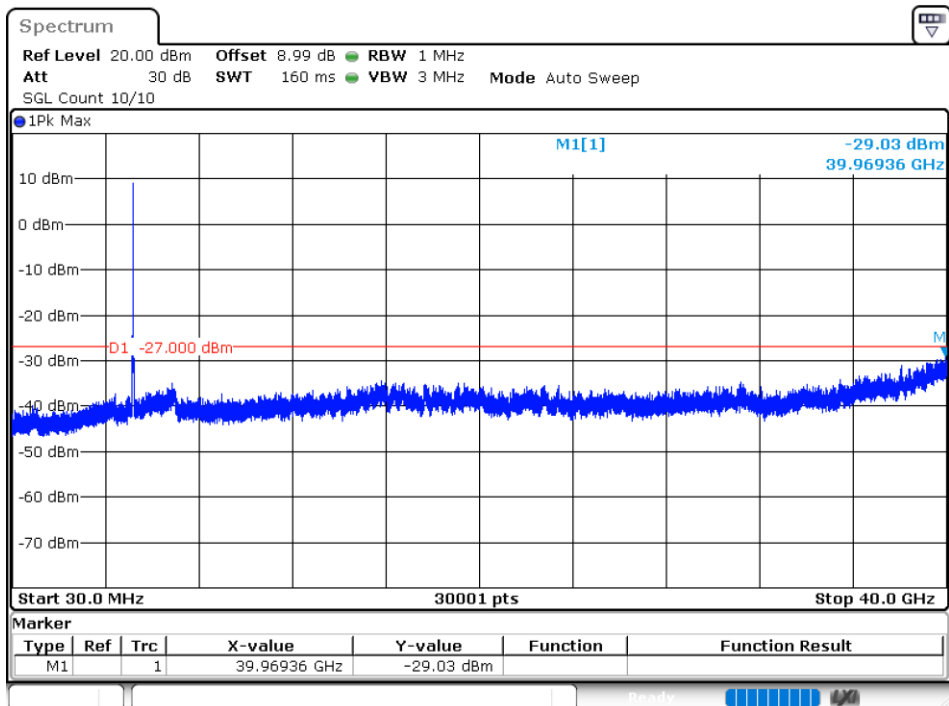
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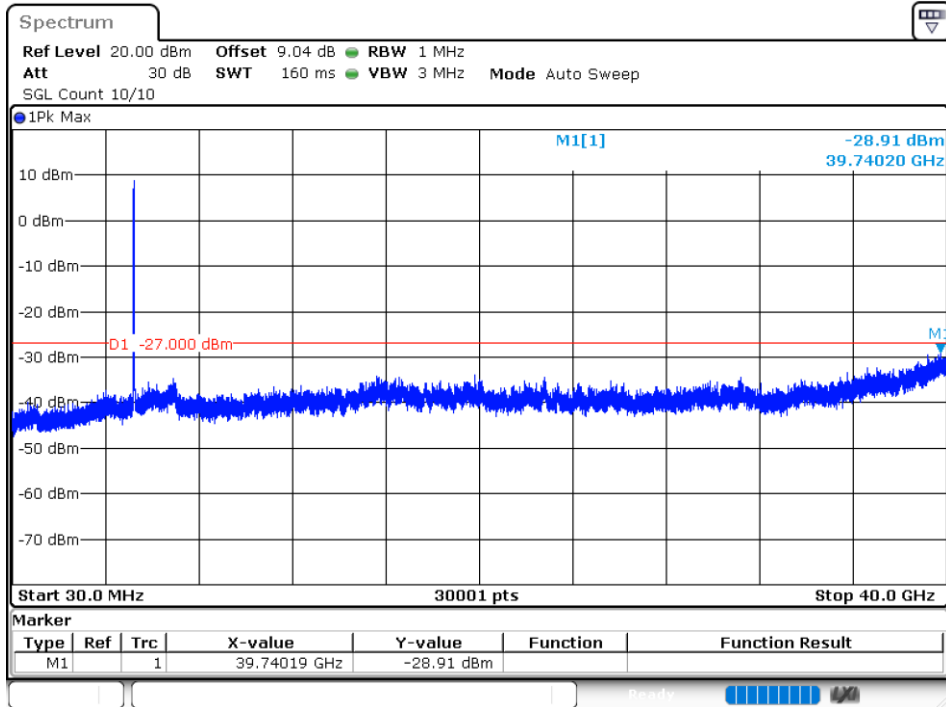
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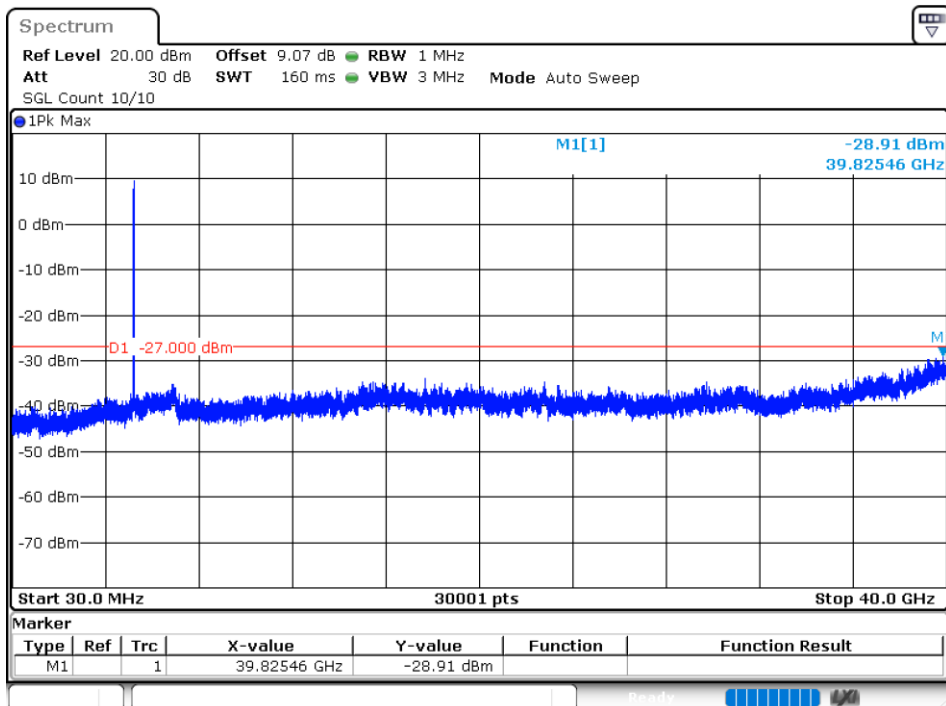
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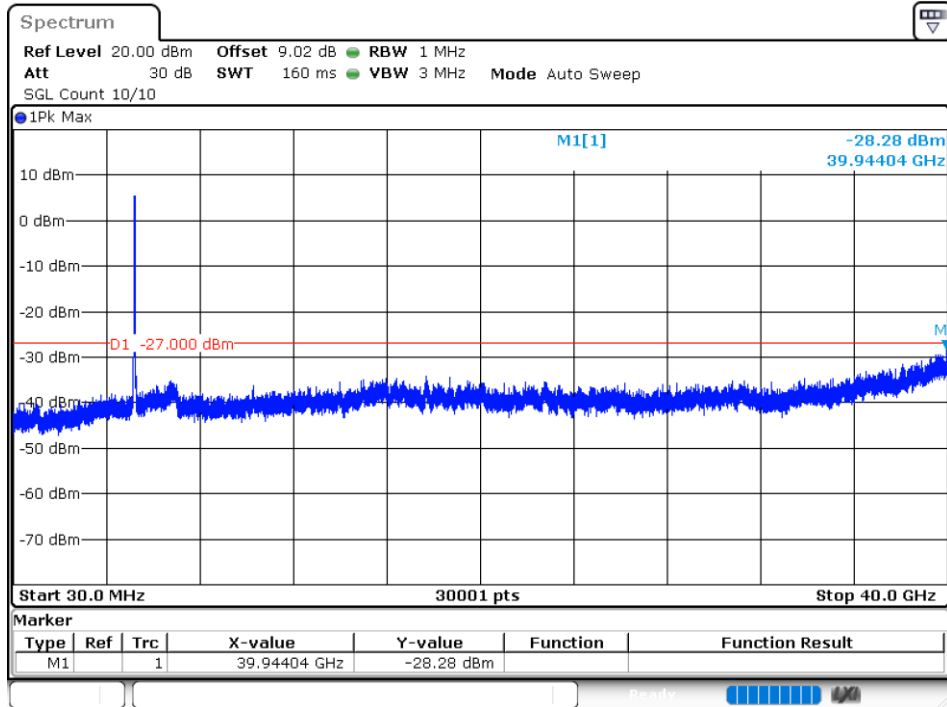
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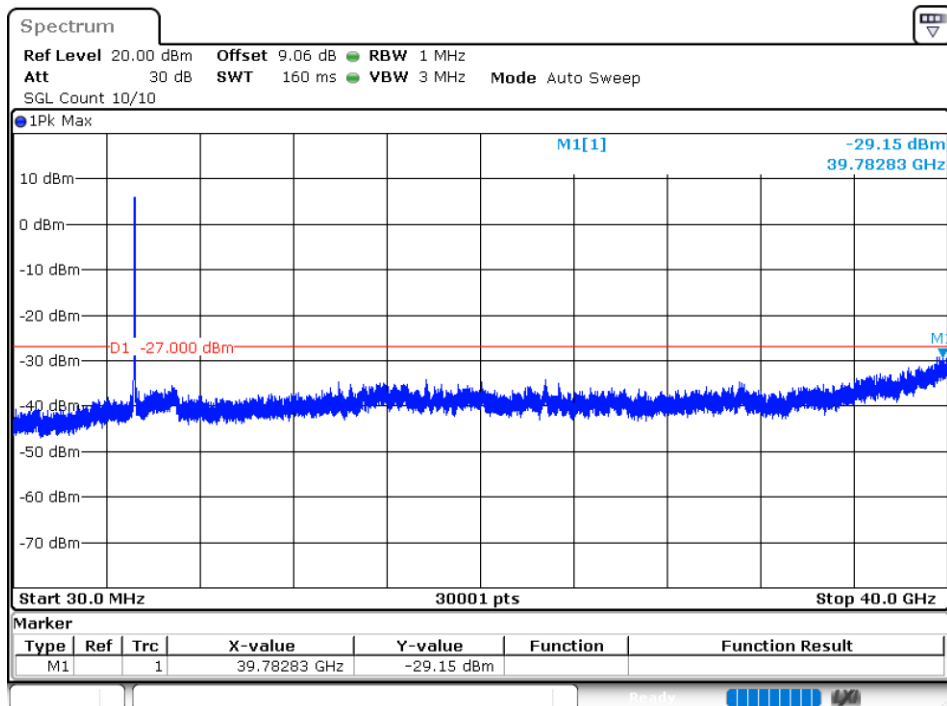
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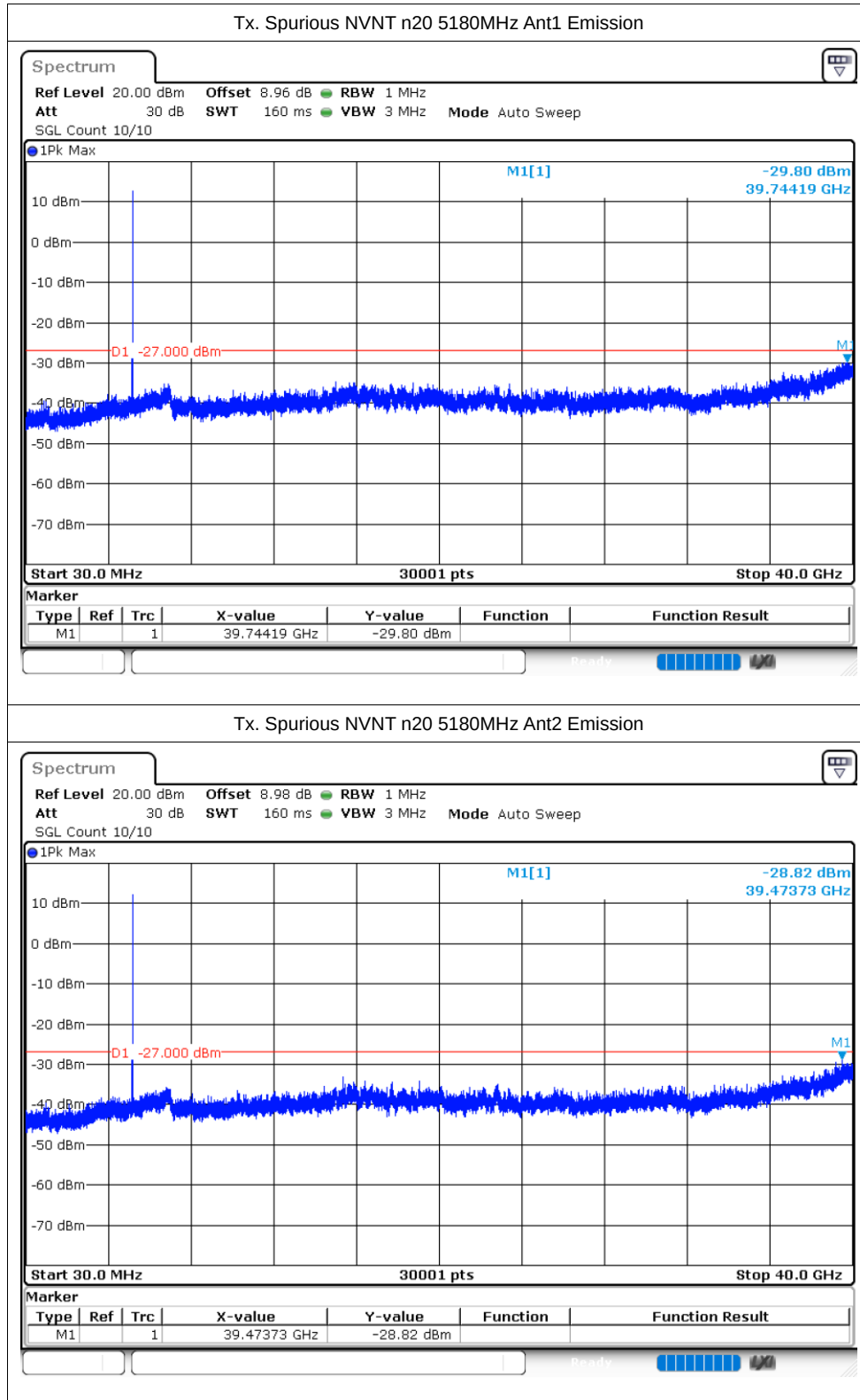


Tx. Spurious NVNT ac80 5210MHz Ant1 Emission

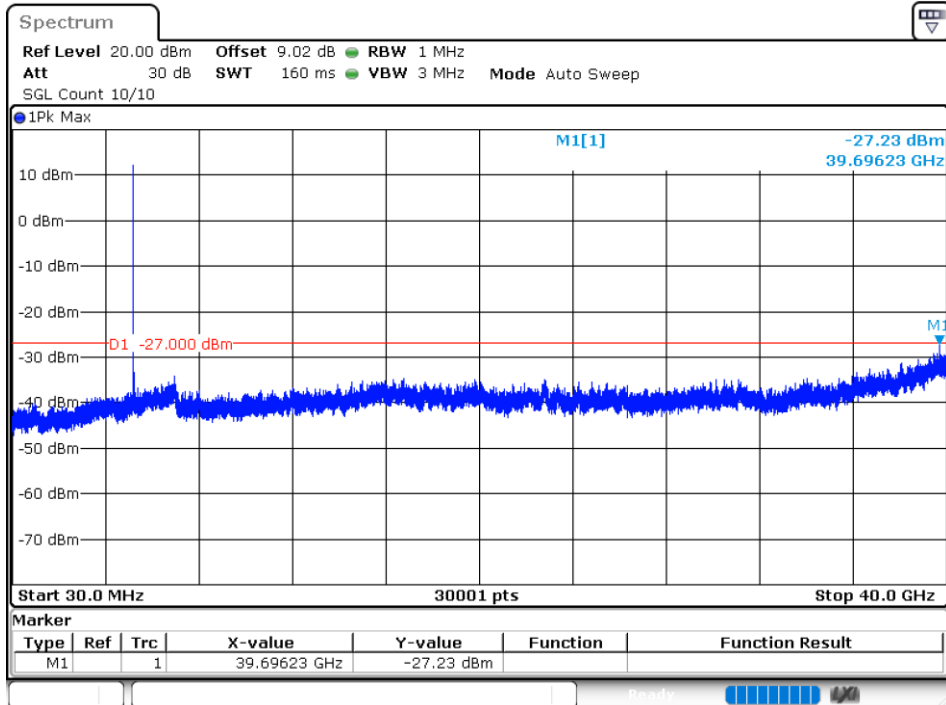


Tx. Spurious NVNT ac80 5210MHz Ant2 Emission

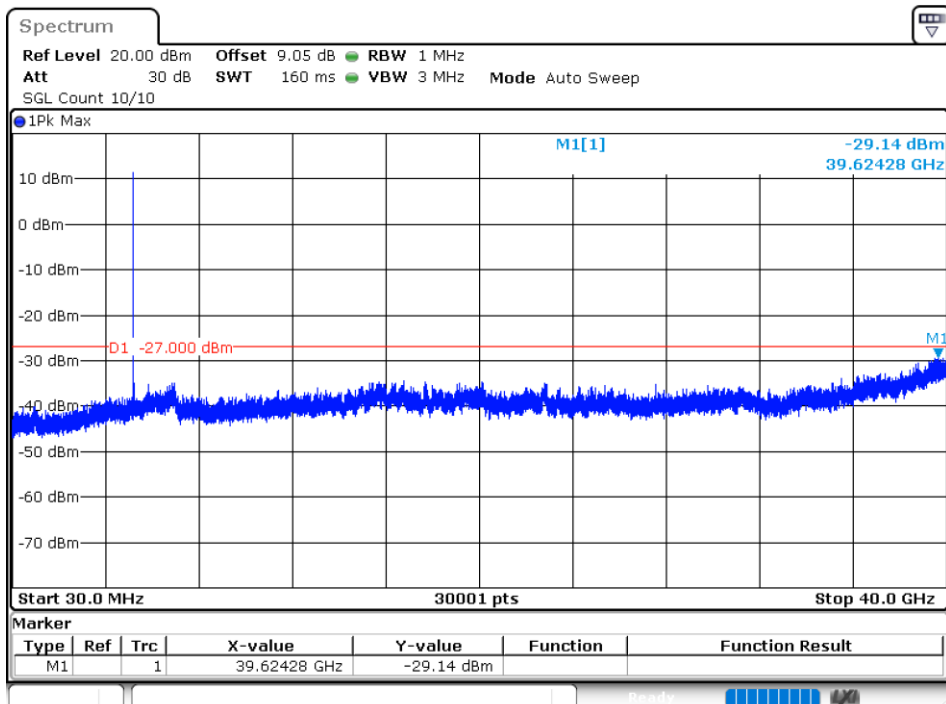




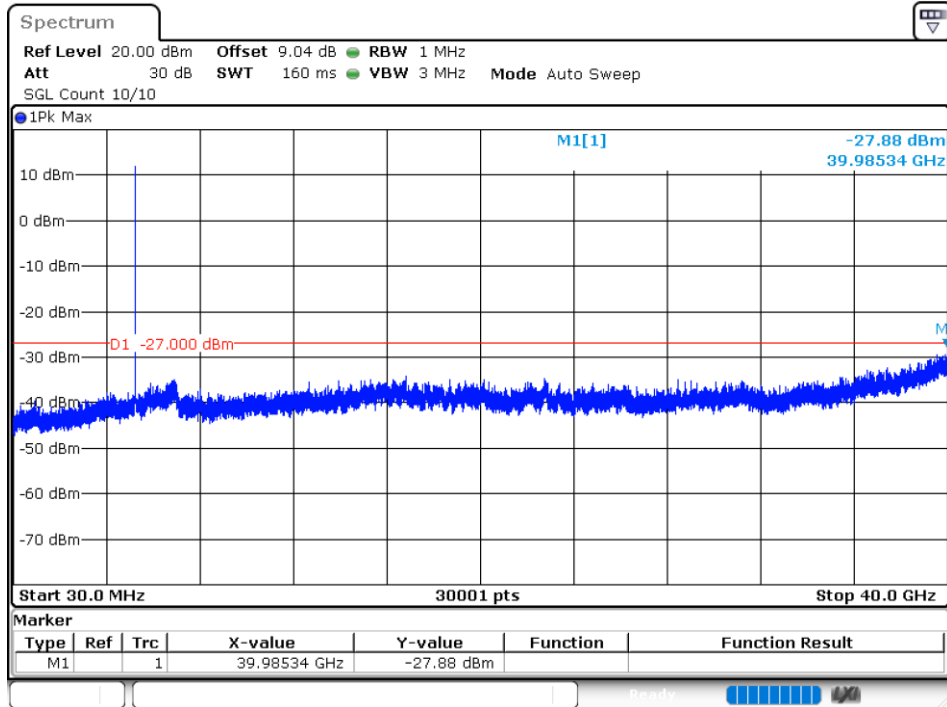
Tx. Spurious NVNT n20 5200MHz Ant1 Emission



Tx. Spurious NVNT n20 5200MHz Ant2 Emission



Tx. Spurious NVNT n20 5240MHz Ant1 Emission



Tx. Spurious NVNT n20 5240MHz Ant2 Emission

