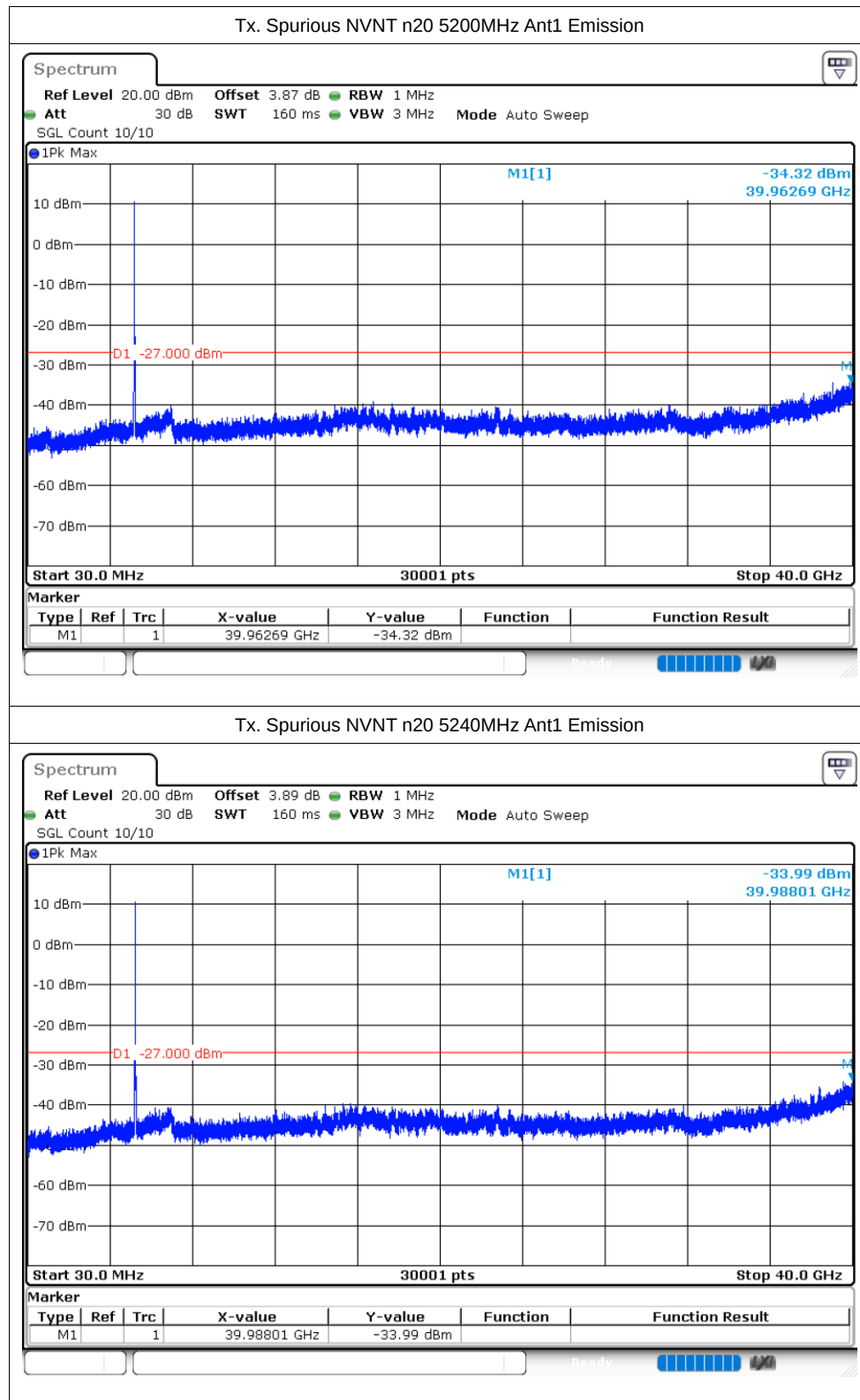
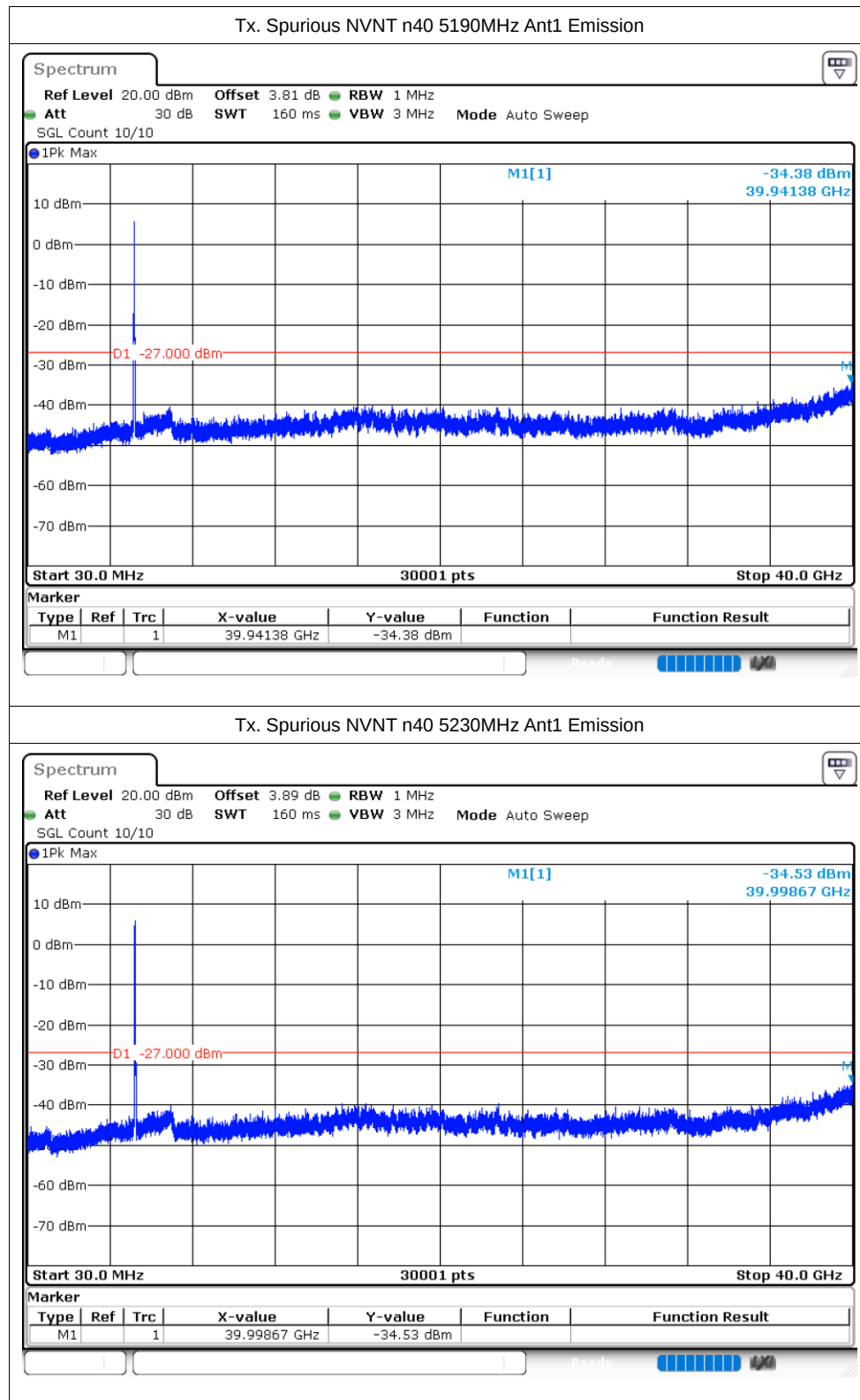
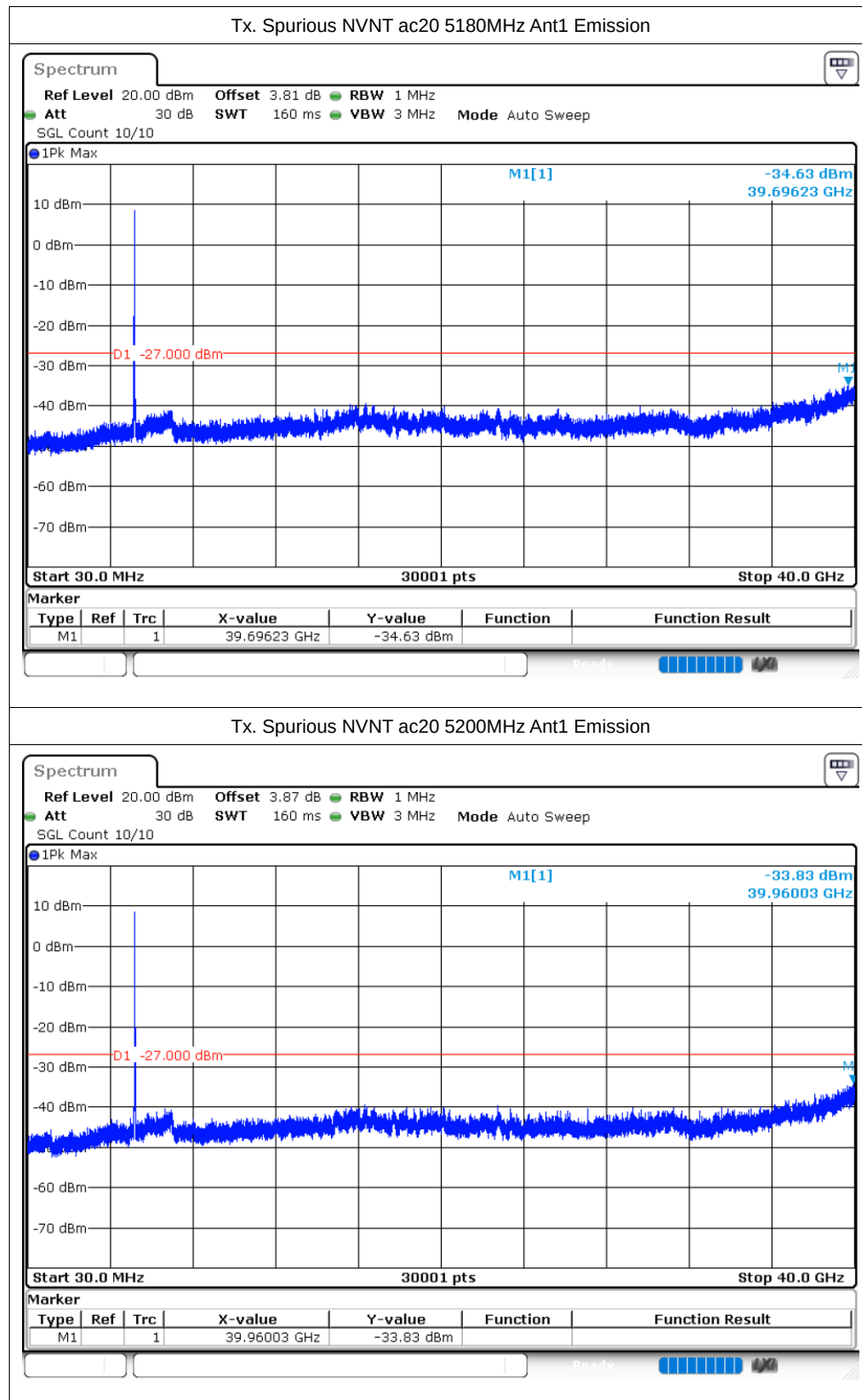
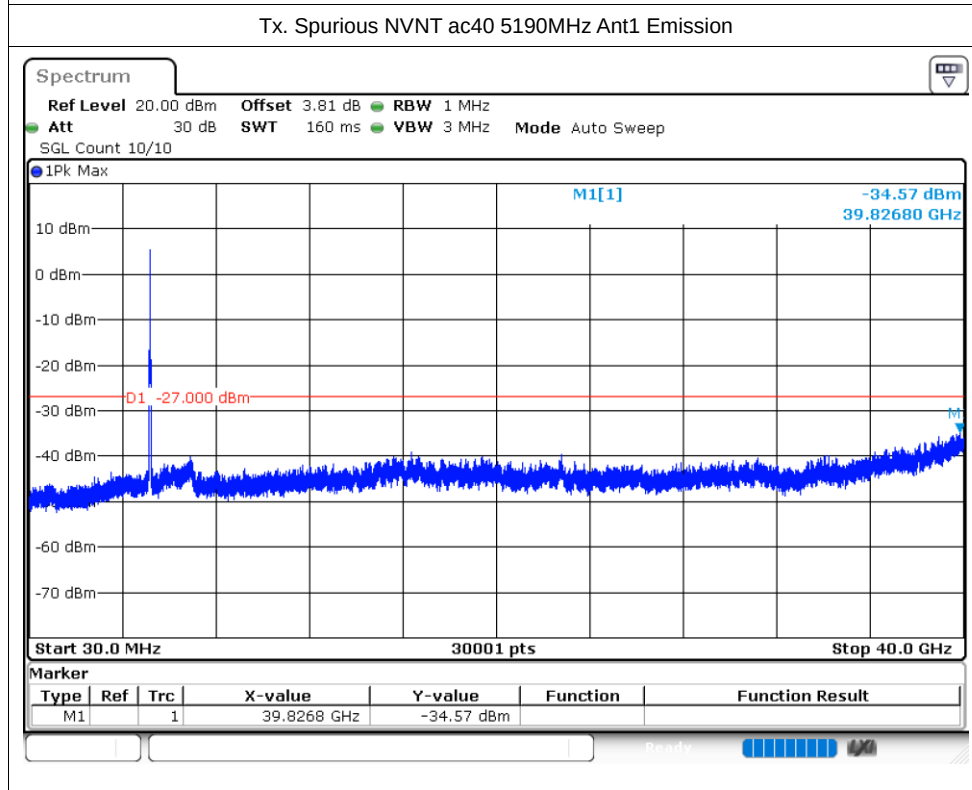
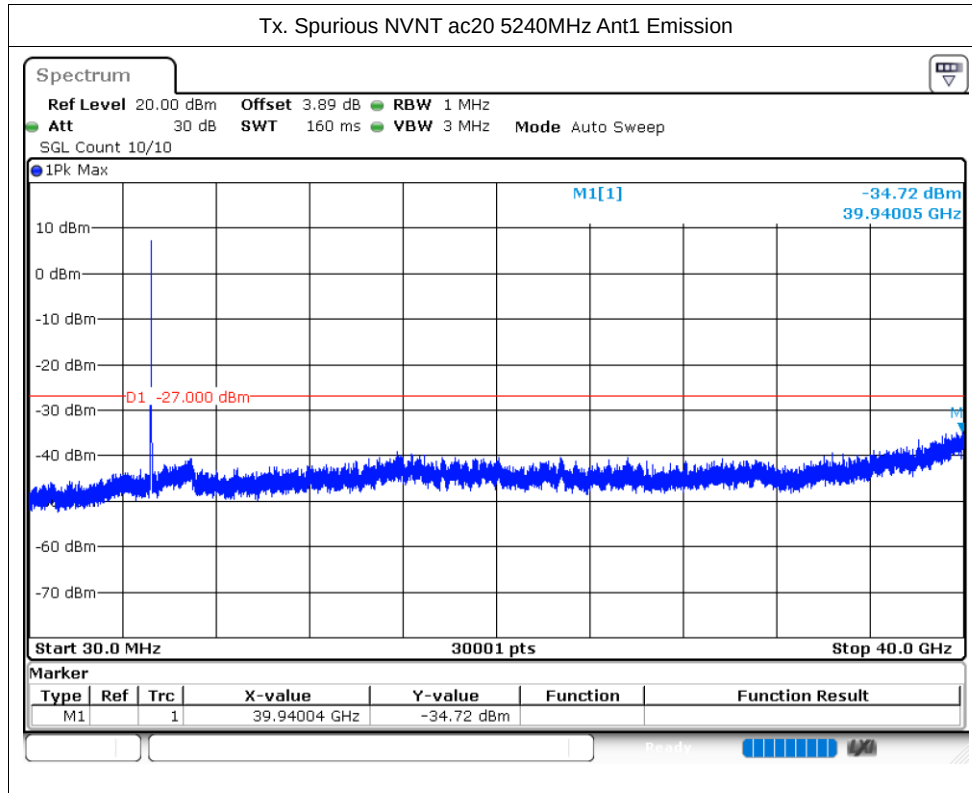
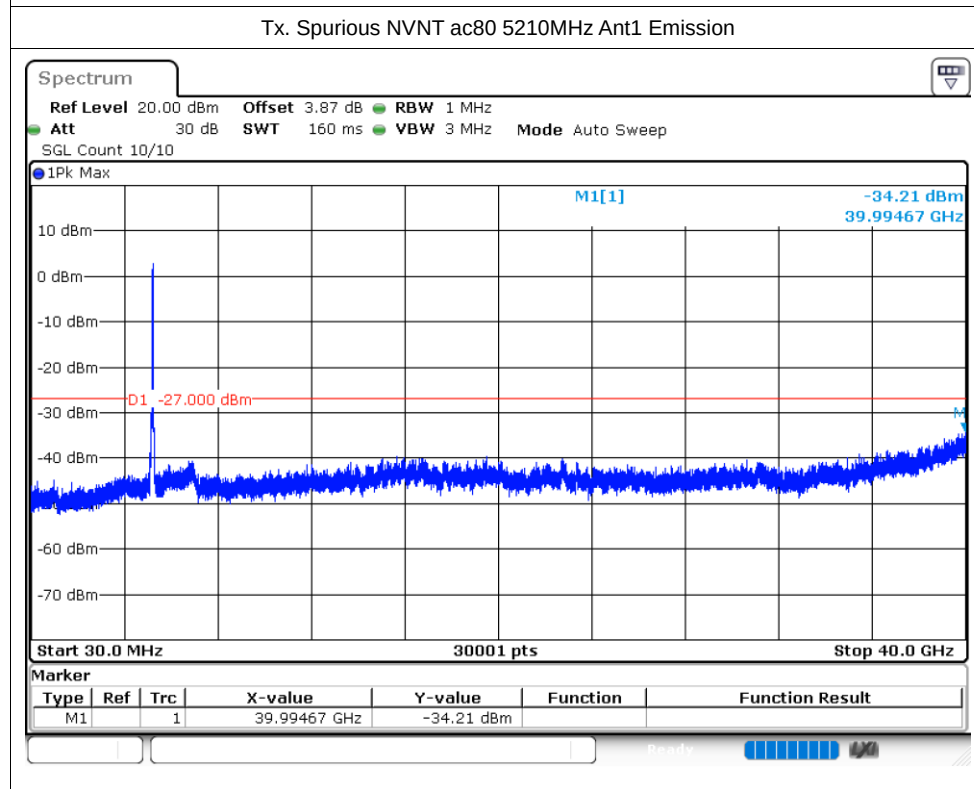
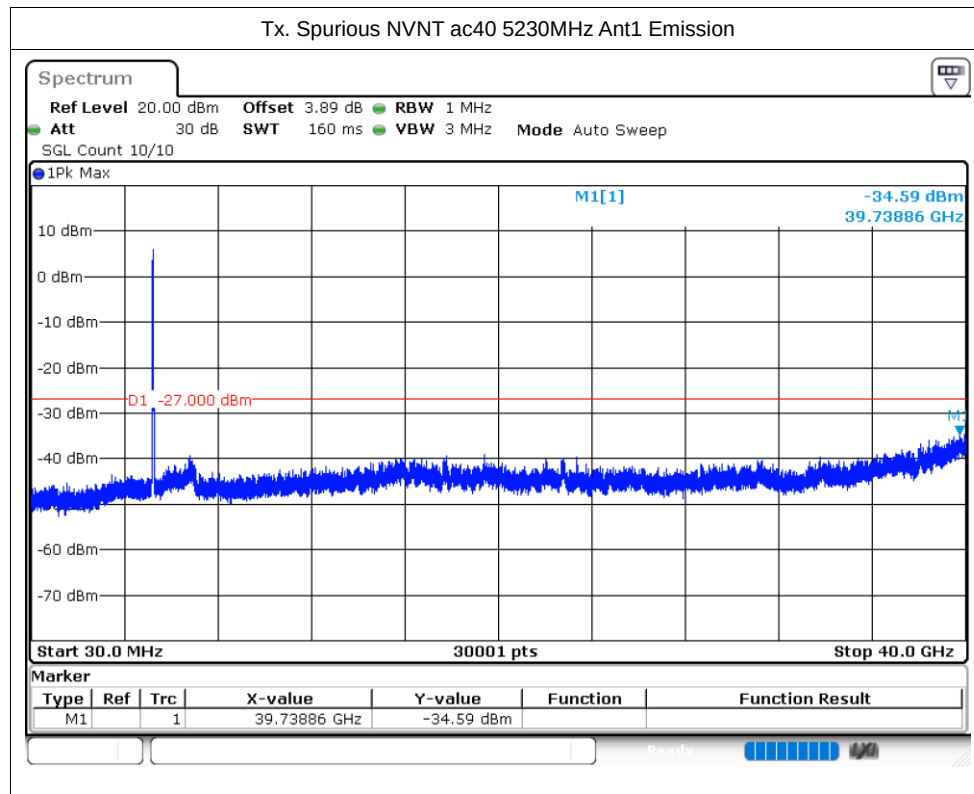












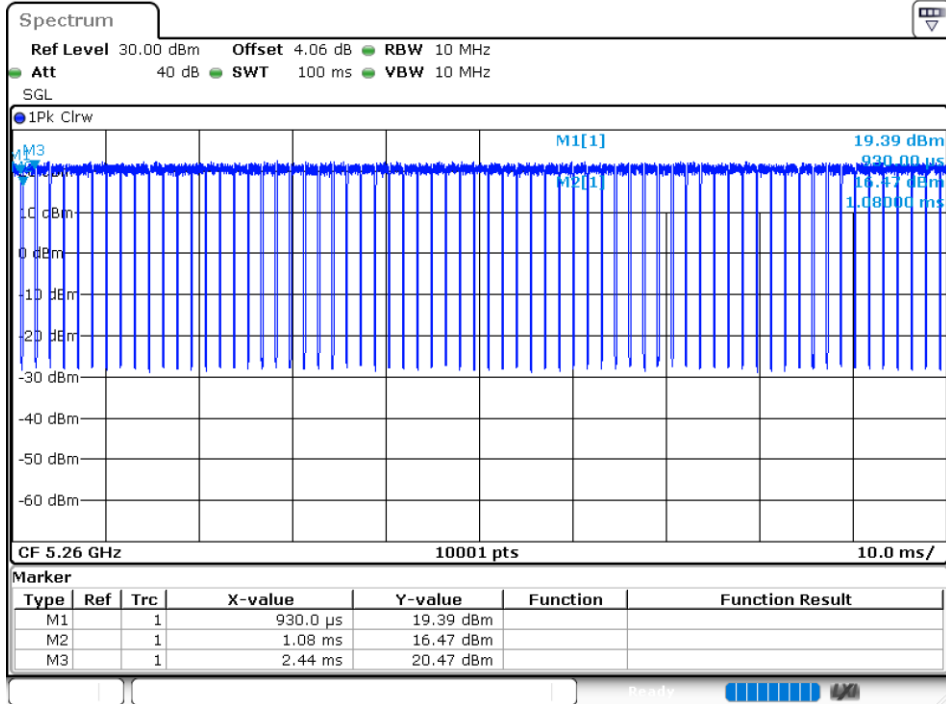
5.3G WIFI

Duty Cycle

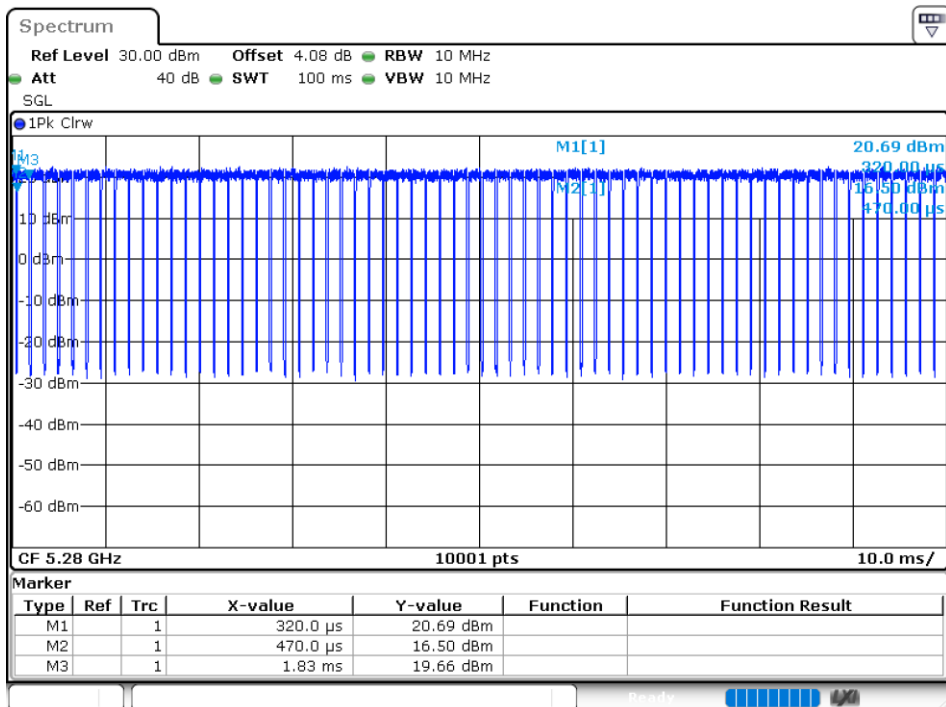
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	90.61	0.43	0.74
NVNT	a	5280	Ant1	90.6	0.43	0.74
NVNT	a	5320	Ant1	90.06	0.45	0.74
NVNT	n20	5260	Ant1	89.3	0.49	0.88
NVNT	n20	5280	Ant1	89.23	0.49	0.87
NVNT	n20	5320	Ant1	88.66	0.52	0.87
NVNT	n40	5270	Ant1	81.07	0.91	1.75
NVNT	n40	5310	Ant1	81.17	0.91	1.75
NVNT	ac20	5260	Ant1	89.44	0.48	0.87
NVNT	ac20	5280	Ant1	89.47	0.48	0.87
NVNT	ac20	5320	Ant1	89.51	0.48	0.86
NVNT	ac40	5270	Ant1	80.97	0.92	1.72
NVNT	ac40	5310	Ant1	81.06	0.91	1.72
NVNT	ac80	5290	Ant1	68.97	1.61	3.57

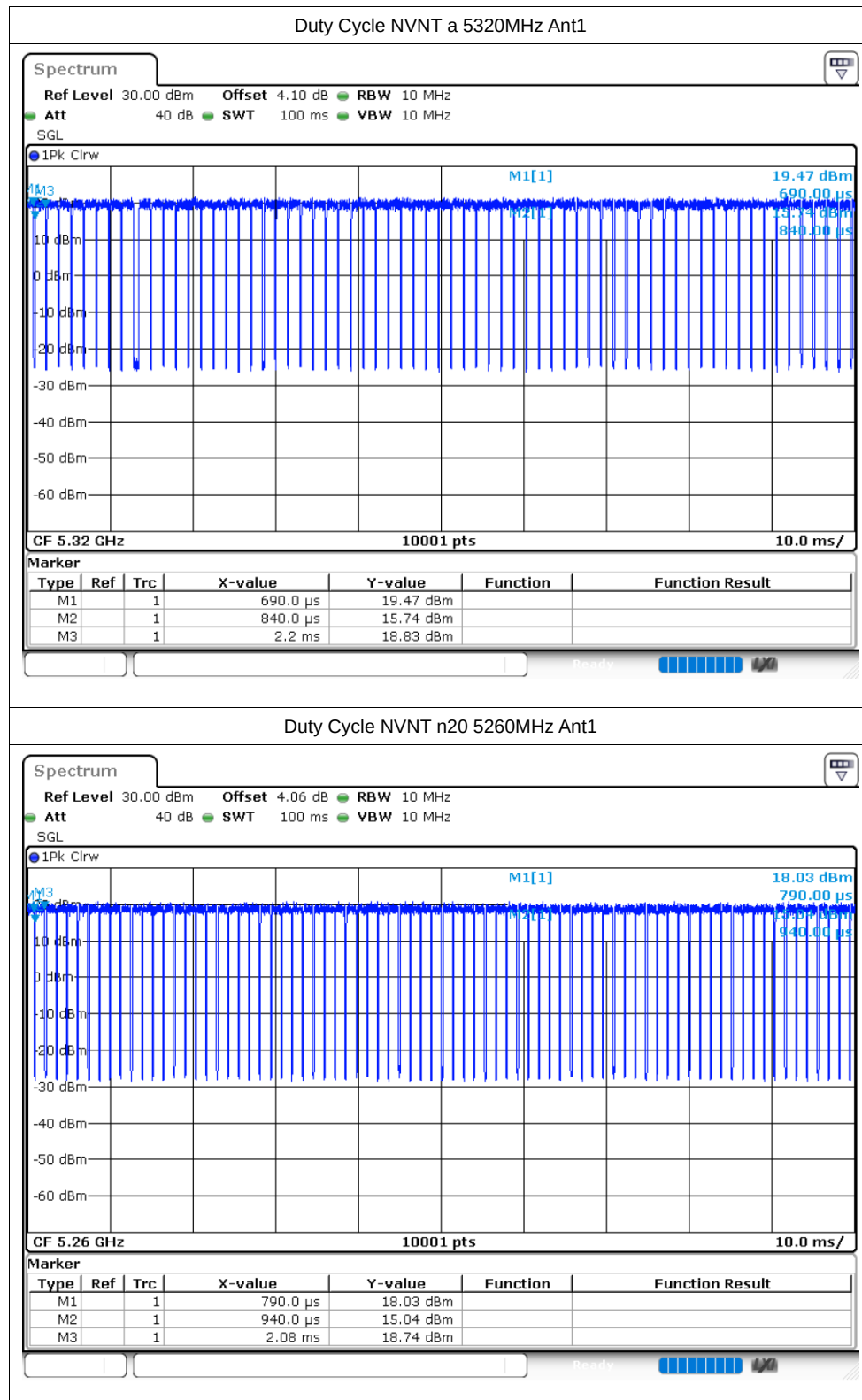
Test Graphs

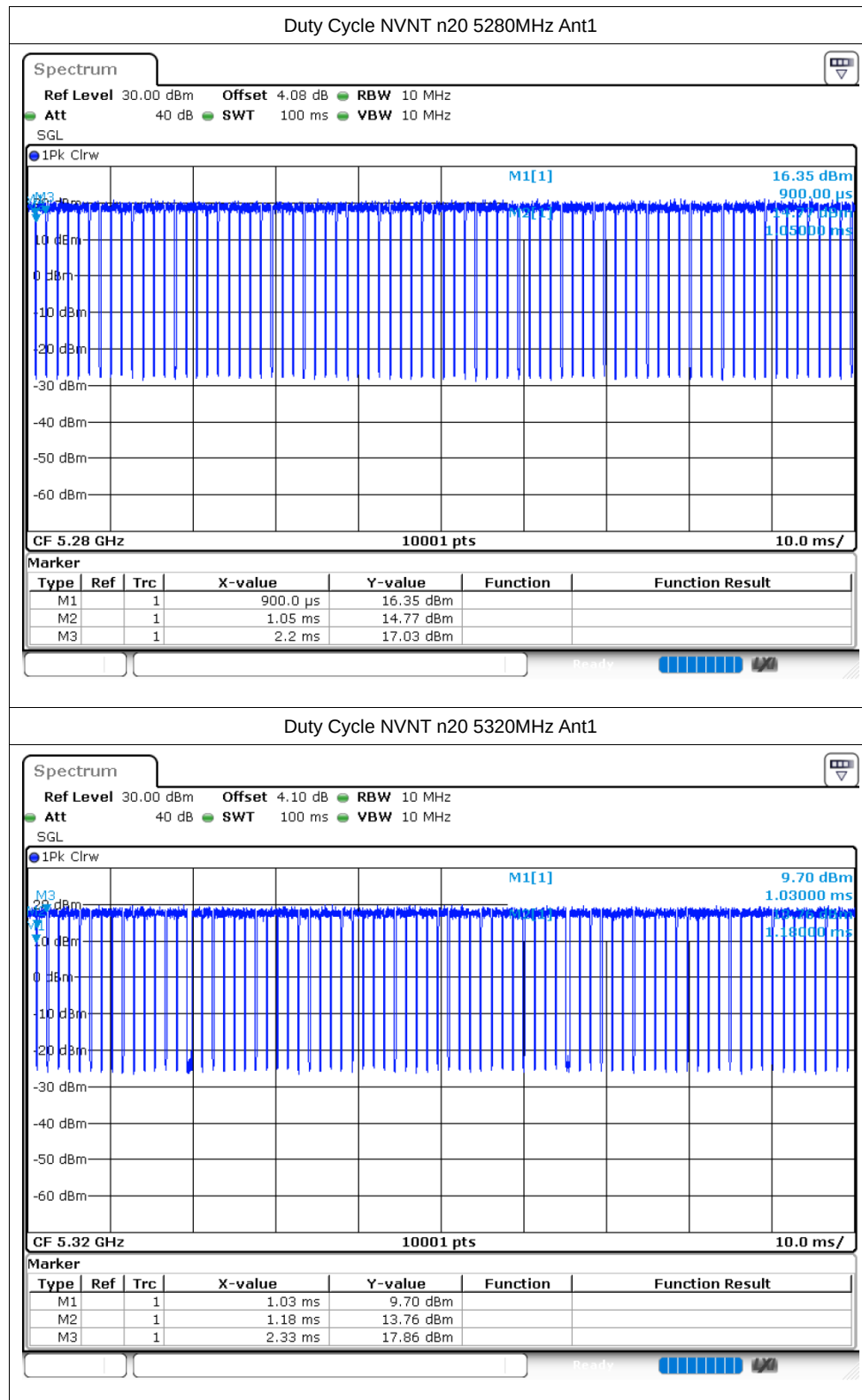
Duty Cycle NVNT a 5260MHz Ant1

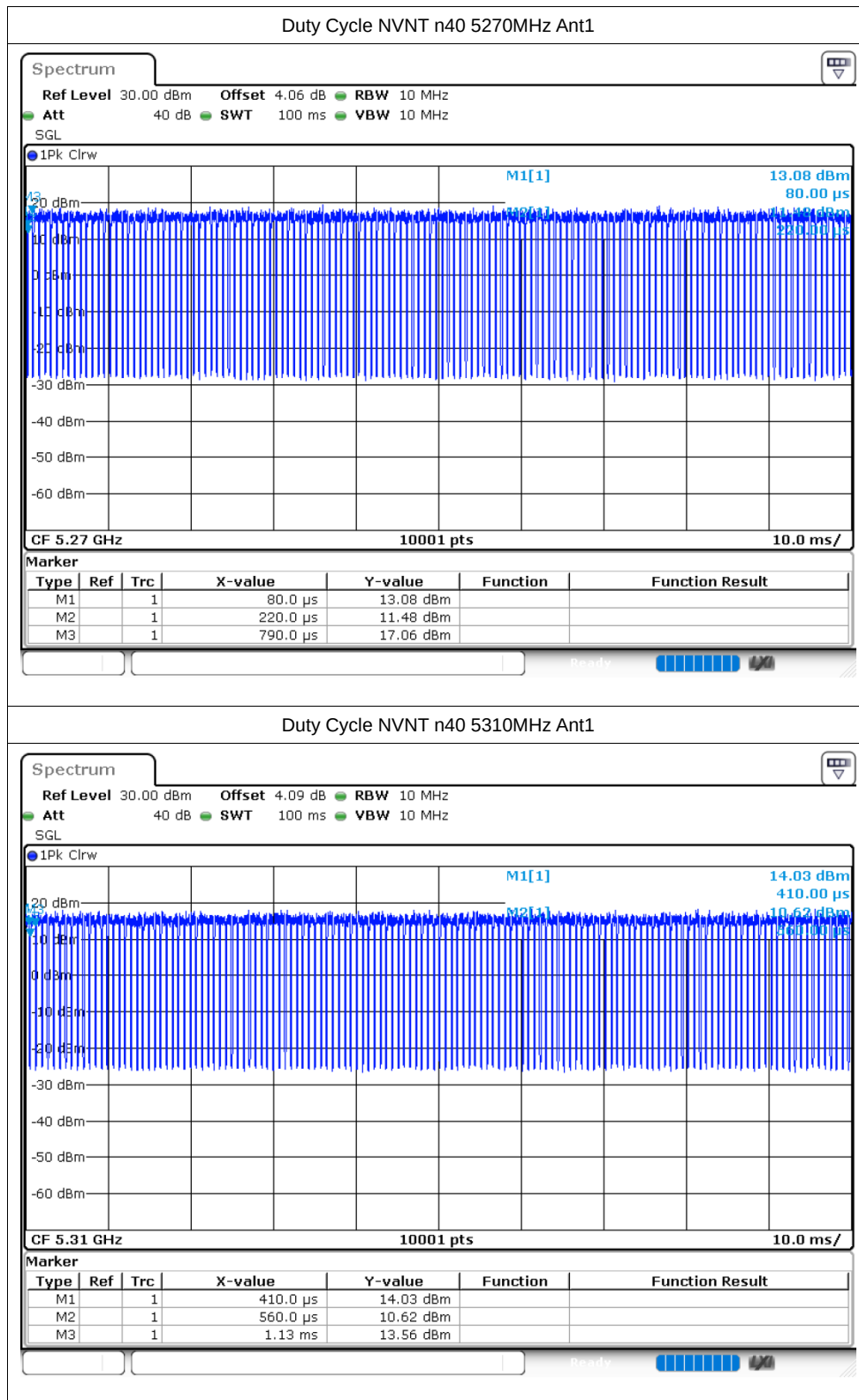


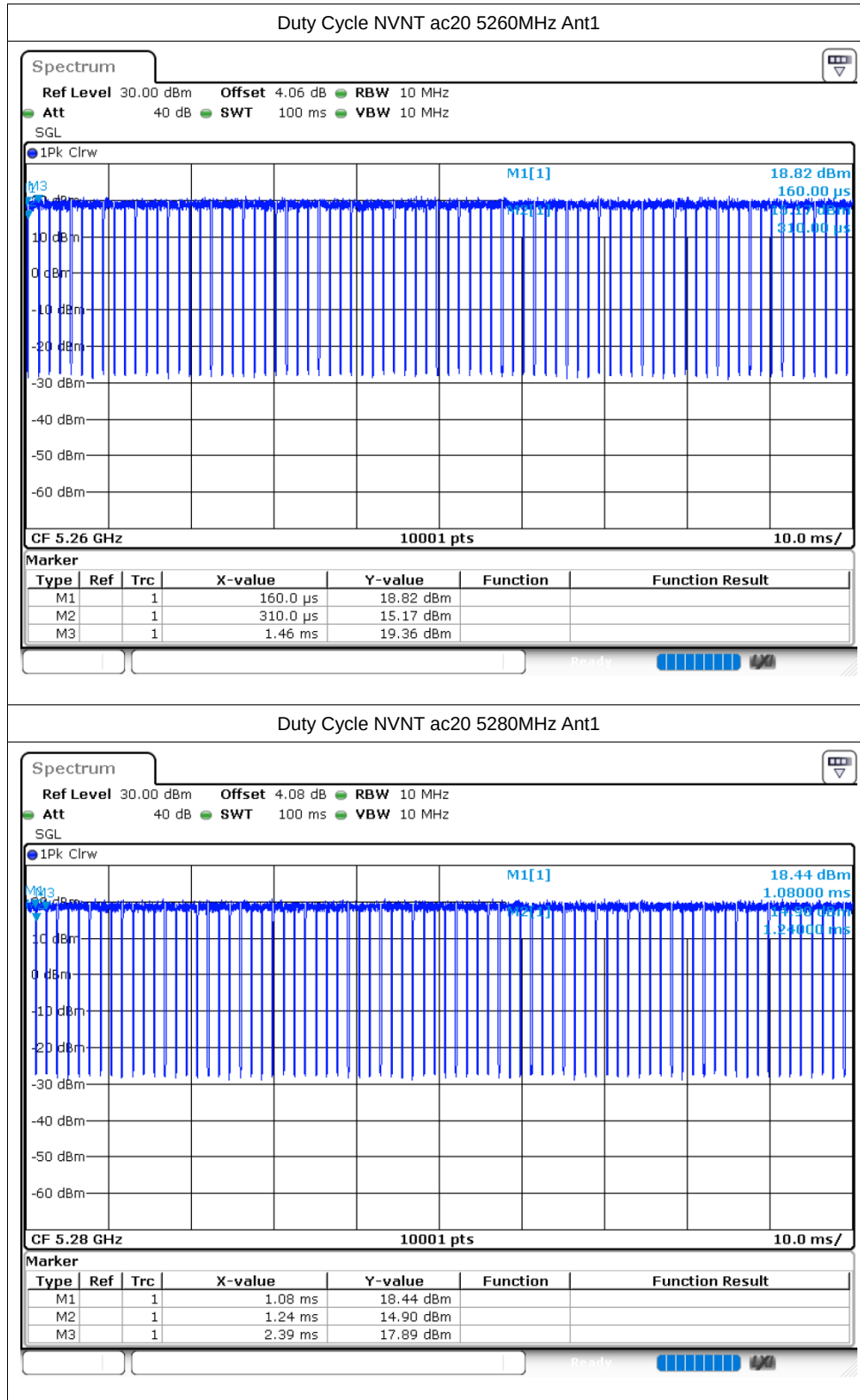
Duty Cycle NVNT a 5280MHz Ant1

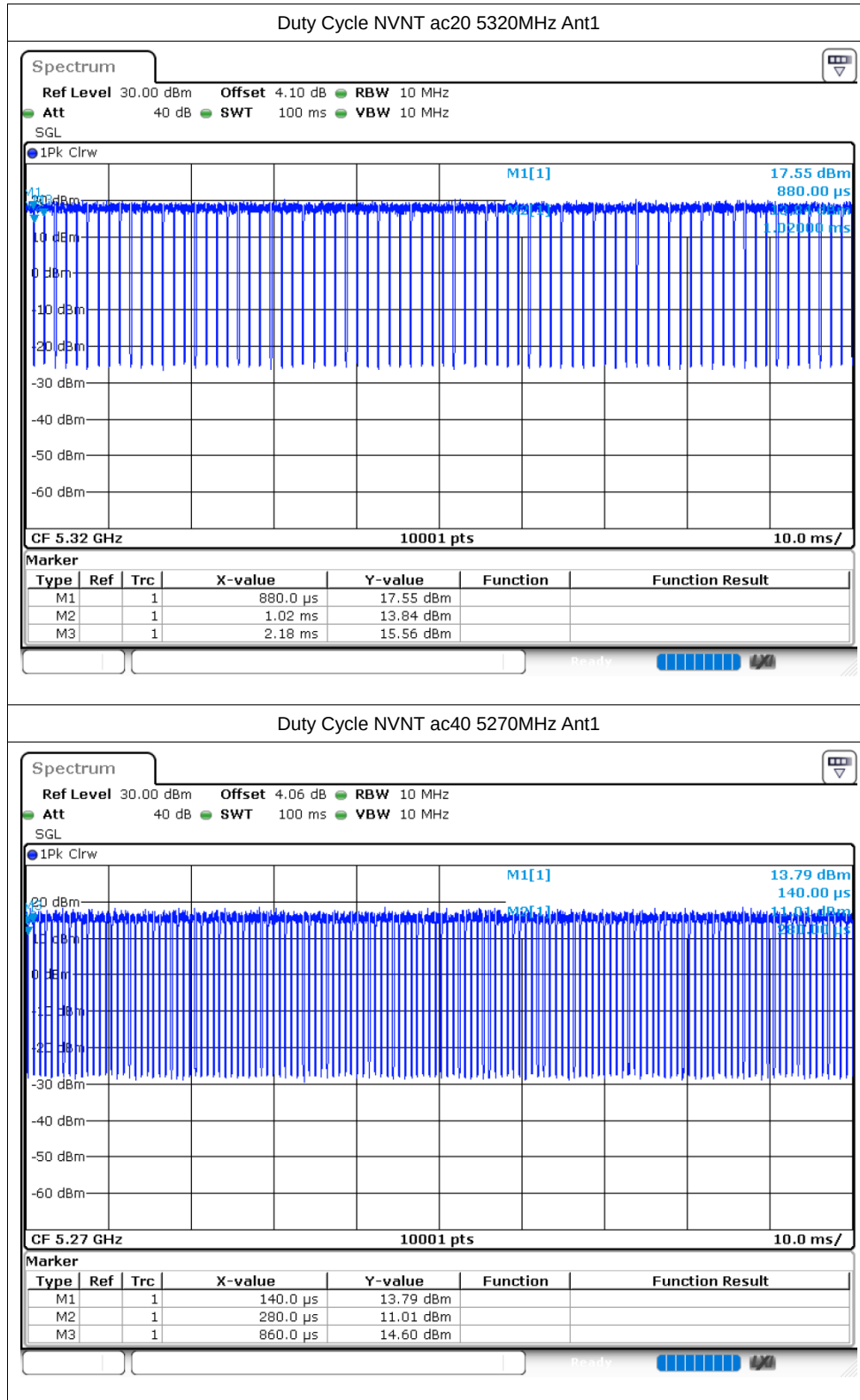


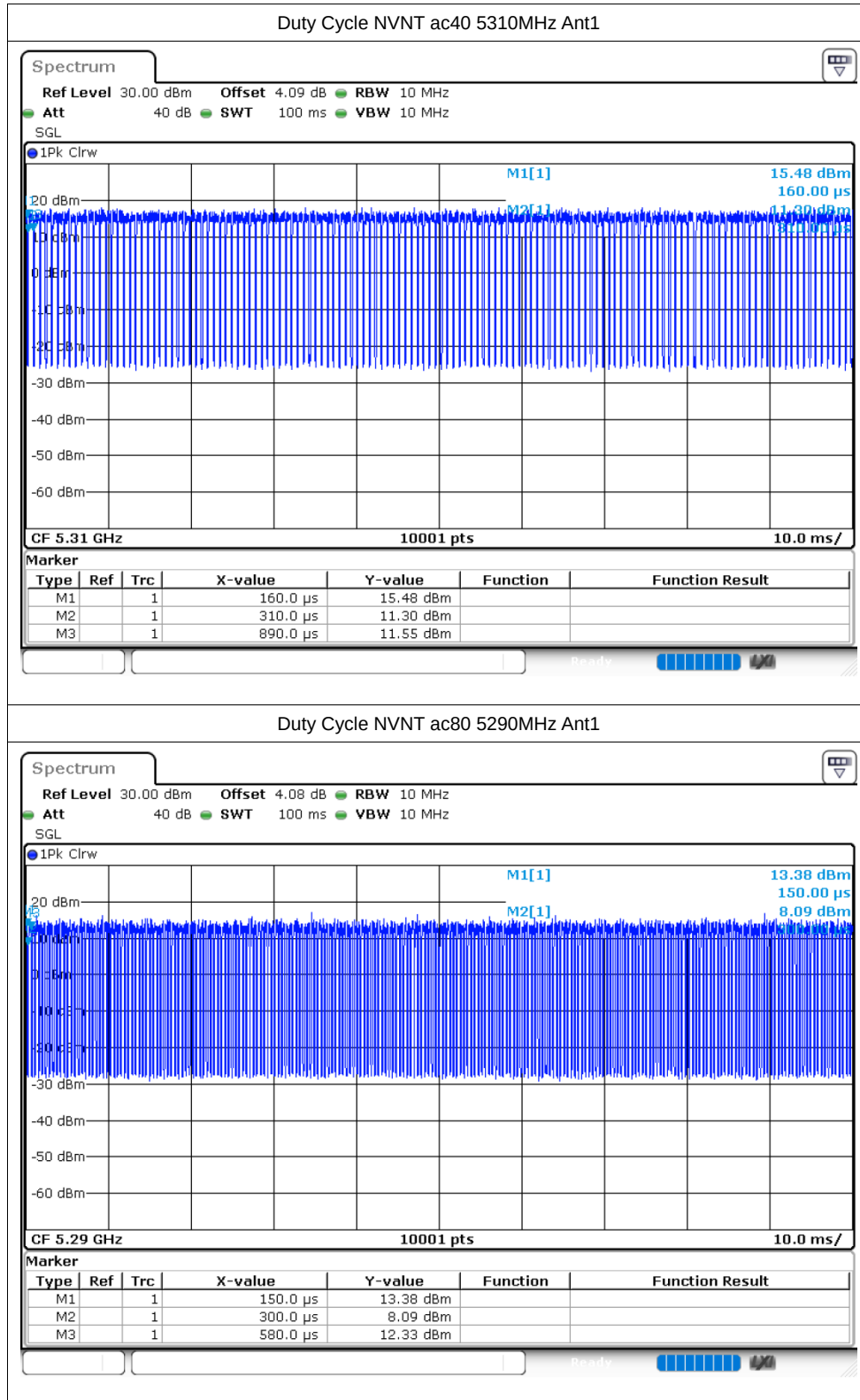












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	16.39	24	Pass
NVNT	a	5280	Ant1	16.14	24	Pass
NVNT	a	5320	Ant1	15.9	24	Pass
NVNT	n20	5260	Ant1	14.84	24	Pass
NVNT	n20	5280	Ant1	14.74	24	Pass
NVNT	n20	5320	Ant1	14.55	24	Pass
NVNT	n40	5270	Ant1	15.04	24	Pass
NVNT	n40	5310	Ant1	14.66	24	Pass
NVNT	ac20	5260	Ant1	15.04	24	Pass
NVNT	ac20	5280	Ant1	14.64	24	Pass
NVNT	ac20	5320	Ant1	14.54	24	Pass
NVNT	ac40	5270	Ant1	15.08	24	Pass
NVNT	ac40	5310	Ant1	14.66	24	Pass
NVNT	ac80	5290	Ant1	14.86	24	Pass

Note: The average power value already includes the duty cycle factor.

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	19.275	Pass
NVNT	a	5280	Ant1	19.584	Pass
NVNT	a	5320	Ant1	19.707	Pass
NVNT	n20	5260	Ant1	26.76	Pass
NVNT	n20	5280	Ant1	20.274	Pass
NVNT	n20	5320	Ant1	26.325	Pass
NVNT	n40	5270	Ant1	54.942	Pass
NVNT	n40	5310	Ant1	55.998	Pass
NVNT	ac20	5260	Ant1	23.094	Pass
NVNT	ac20	5280	Ant1	21.915	Pass
NVNT	ac20	5320	Ant1	21.636	Pass
NVNT	ac40	5270	Ant1	54.144	Pass
NVNT	ac40	5310	Ant1	52.836	Pass
NVNT	ac80	5290	Ant1	88.176	Pass

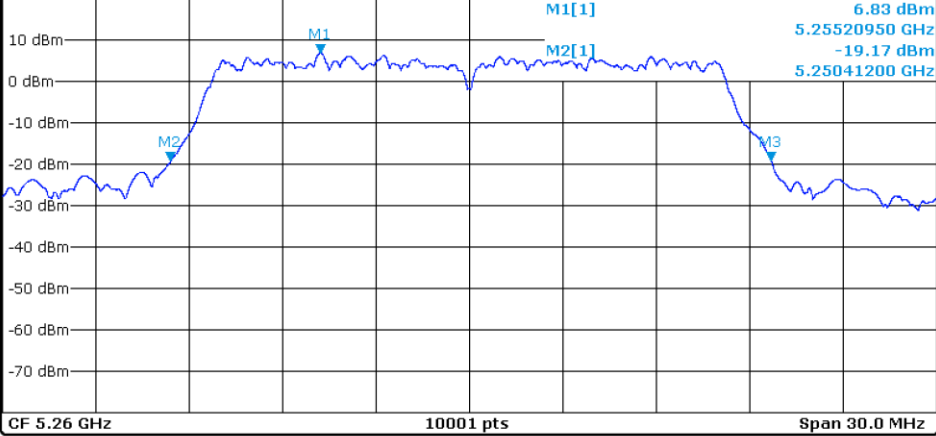
Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.06 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max

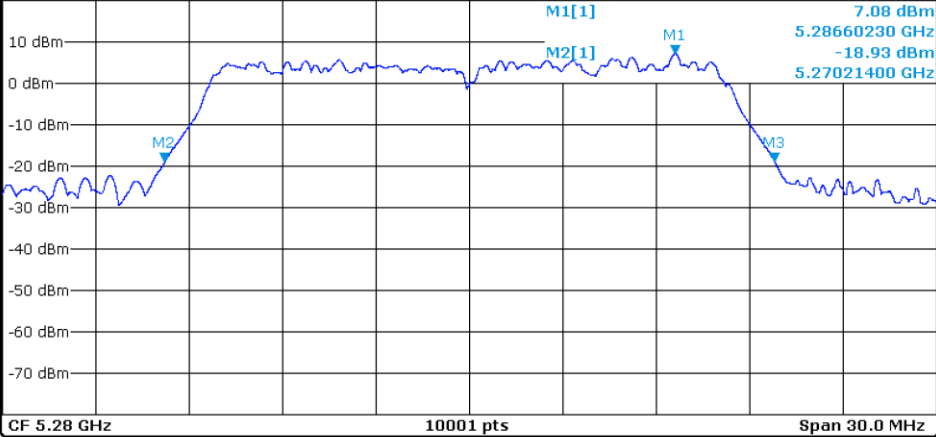


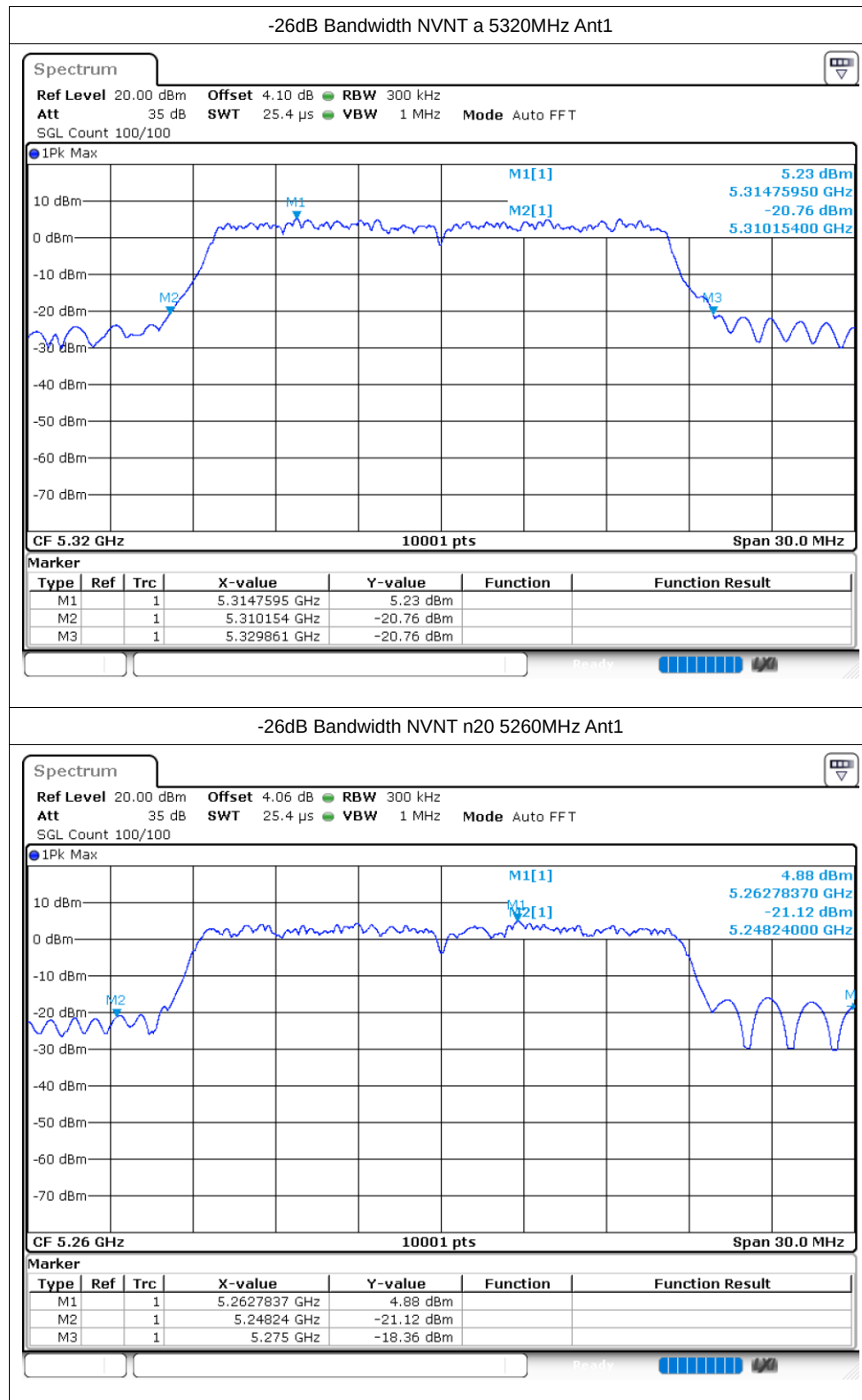
-26dB Bandwidth NVNT a 5280MHz Ant1

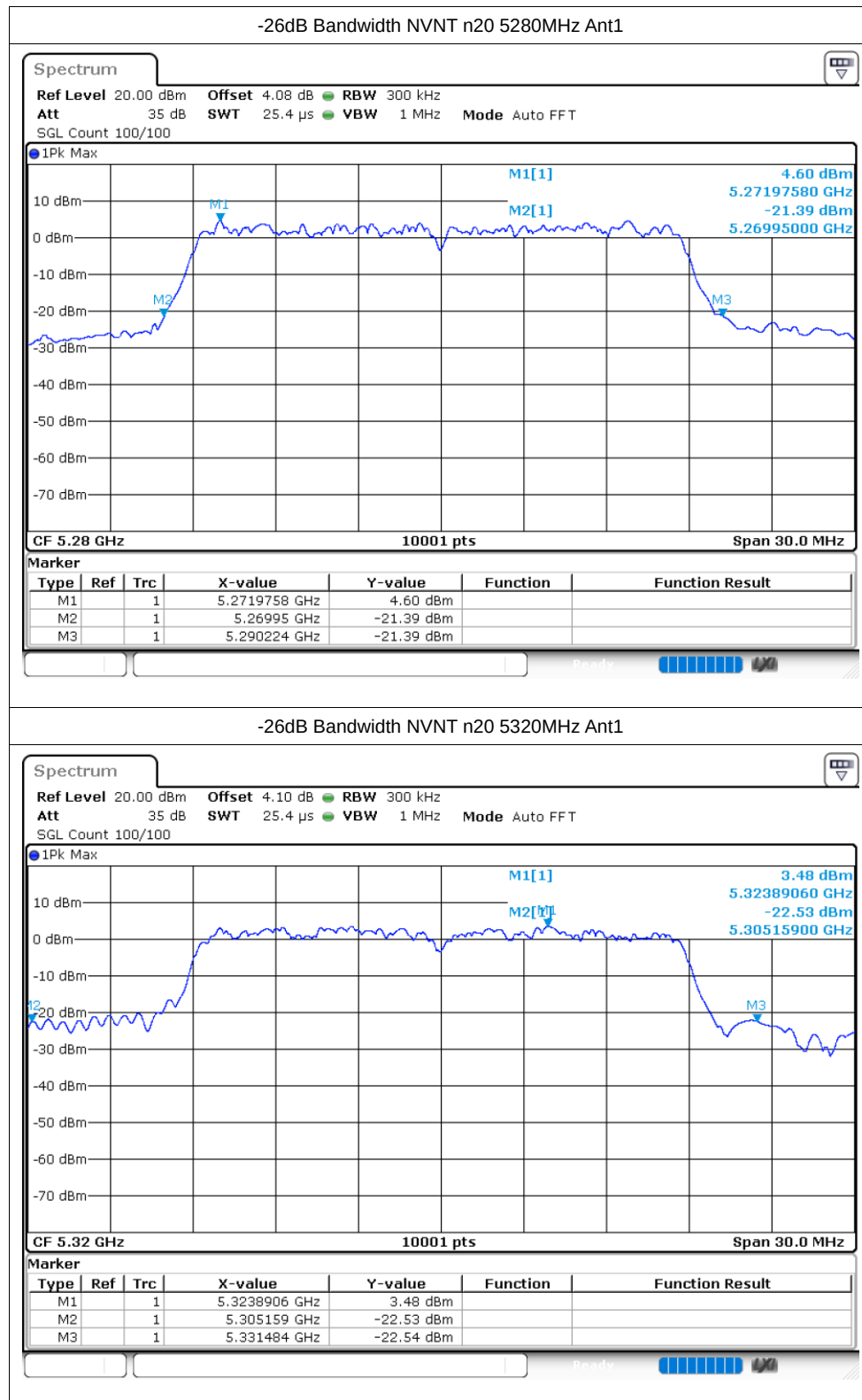
Spectrum

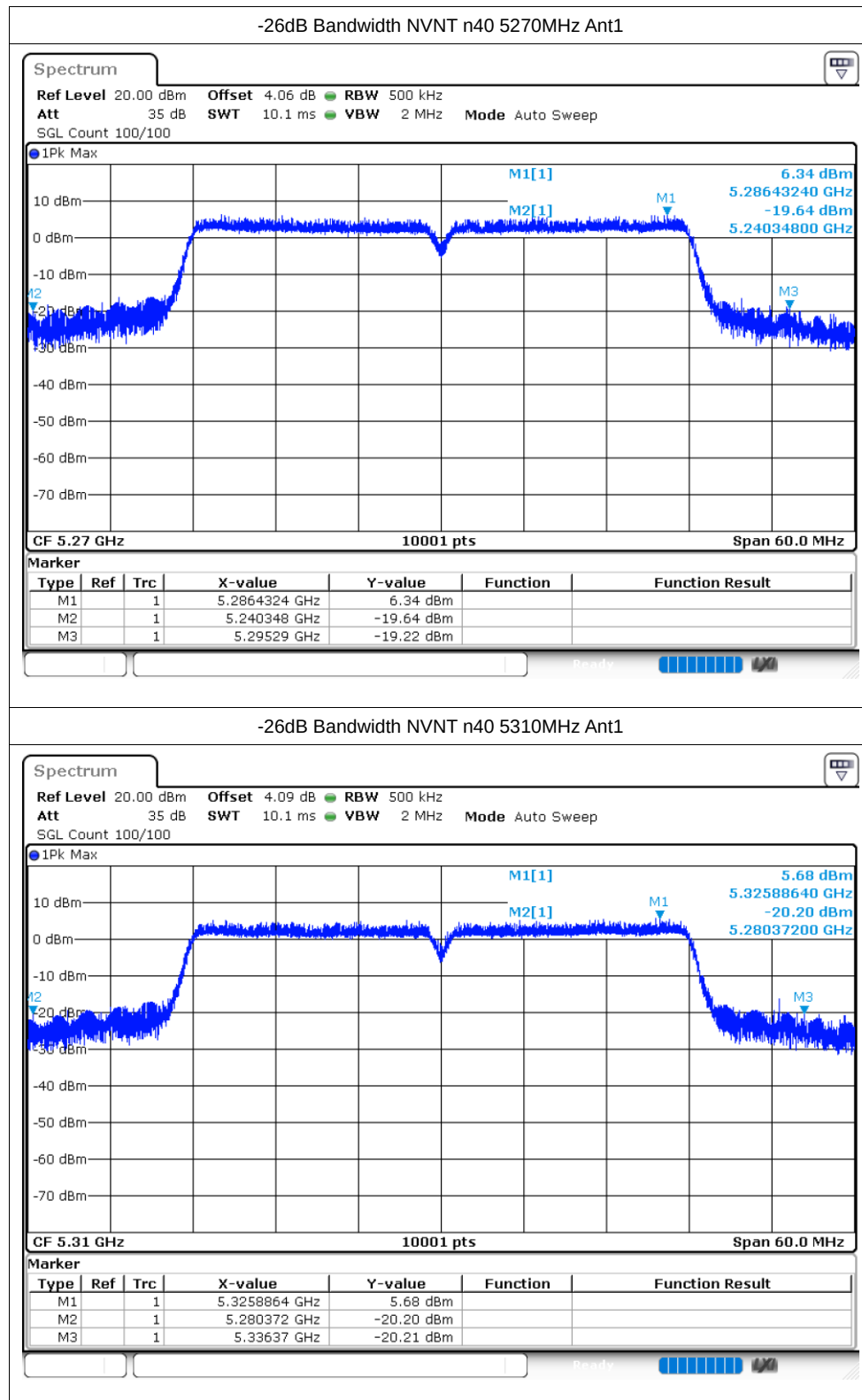
Ref Level 20.00 dBm Offset 4.08 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max







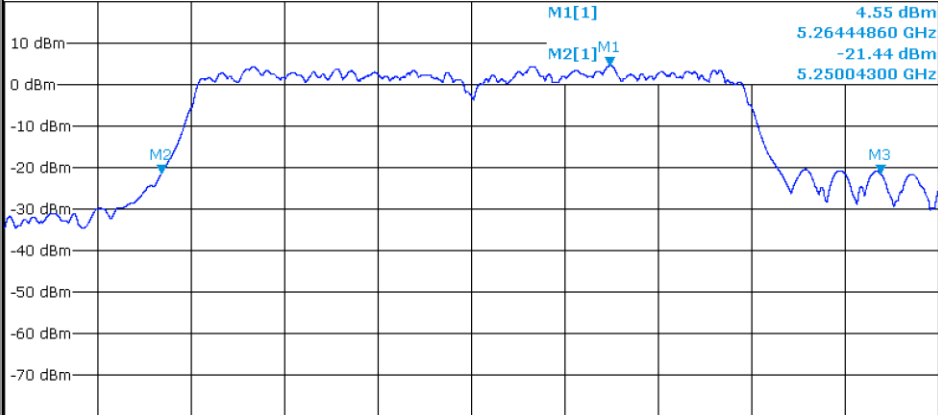


-26dB Bandwidth NVNT ac20 5260MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.06 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

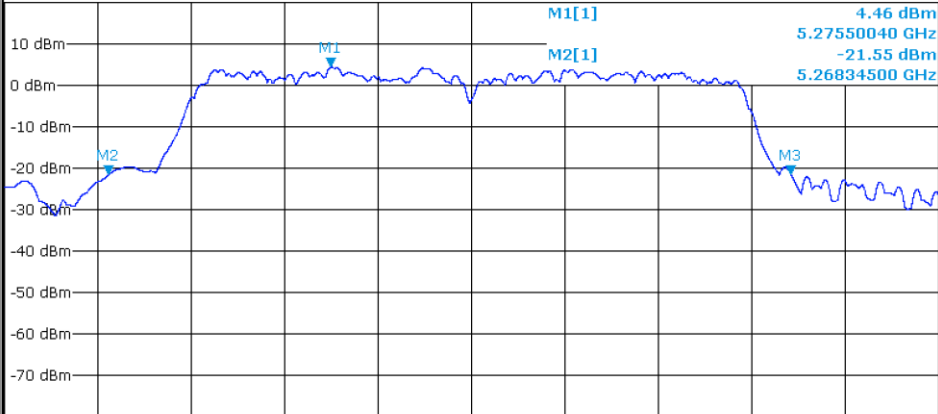
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2644486 GHz	4.55 dBm		
M2		1	5.250043 GHz	-21.44 dBm		
M3		1	5.273137 GHz	-21.45 dBm		

-26dB Bandwidth NVNT ac20 5280MHz Ant1

Spectrum

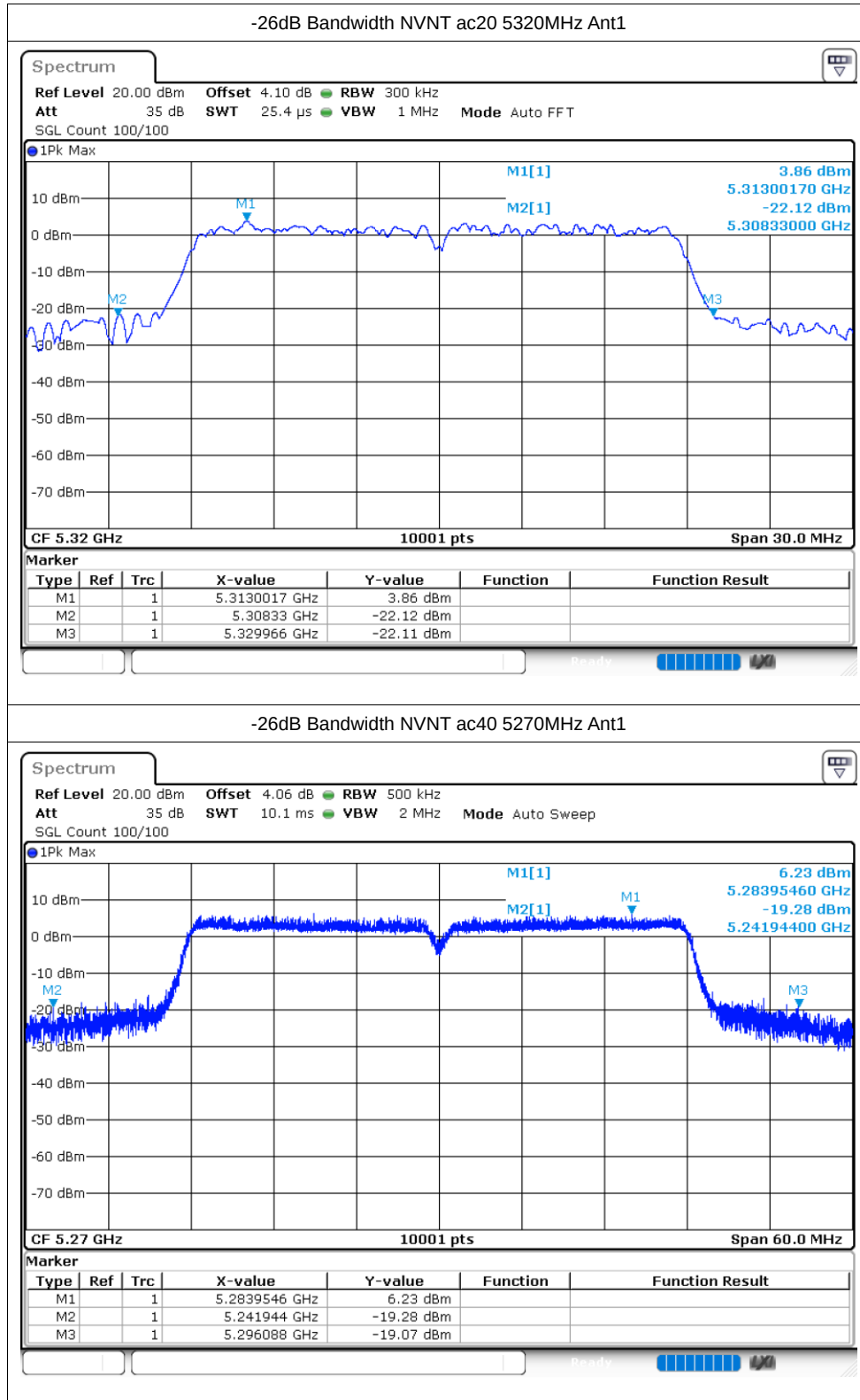
Ref Level 20.00 dBm Offset 4.08 dB RBW 300 kHz
Att 35 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max

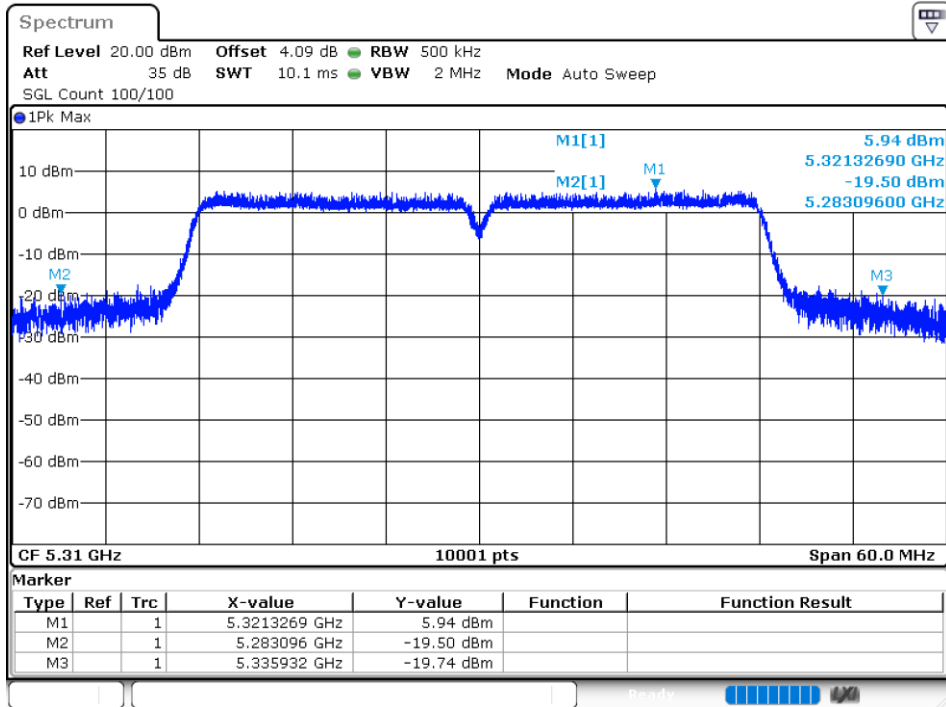


Marker

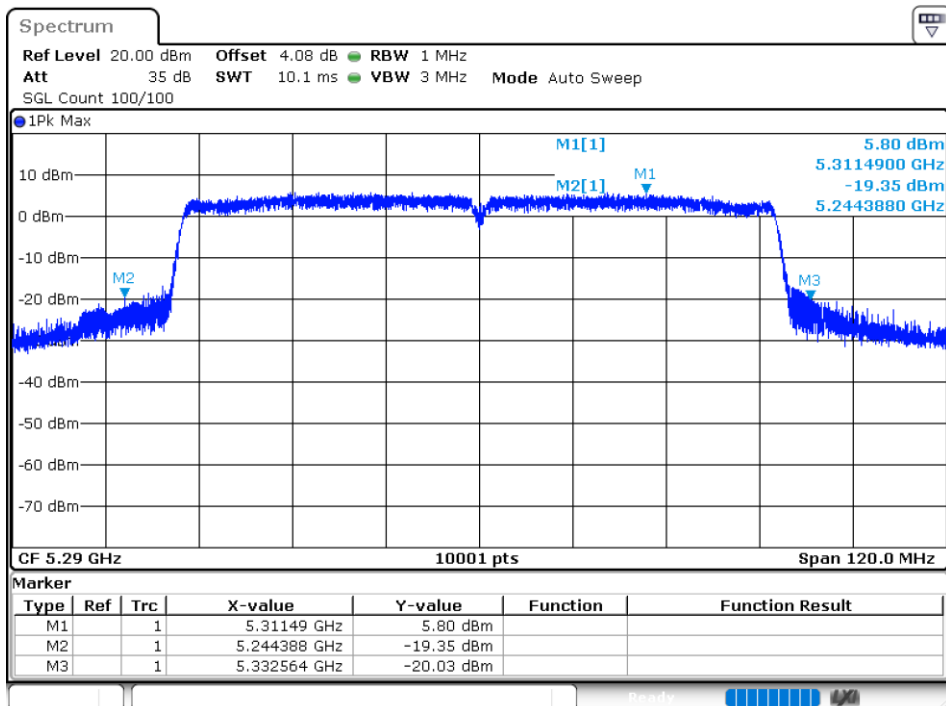
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2755004 GHz	4.46 dBm		
M2		1	5.268345 GHz	-21.55 dBm		
M3		1	5.29026 GHz	-21.52 dBm		



-26dB Bandwidth NVNT ac40 5310MHz Ant1



-26dB Bandwidth NVNT ac80 5290MHz Ant1

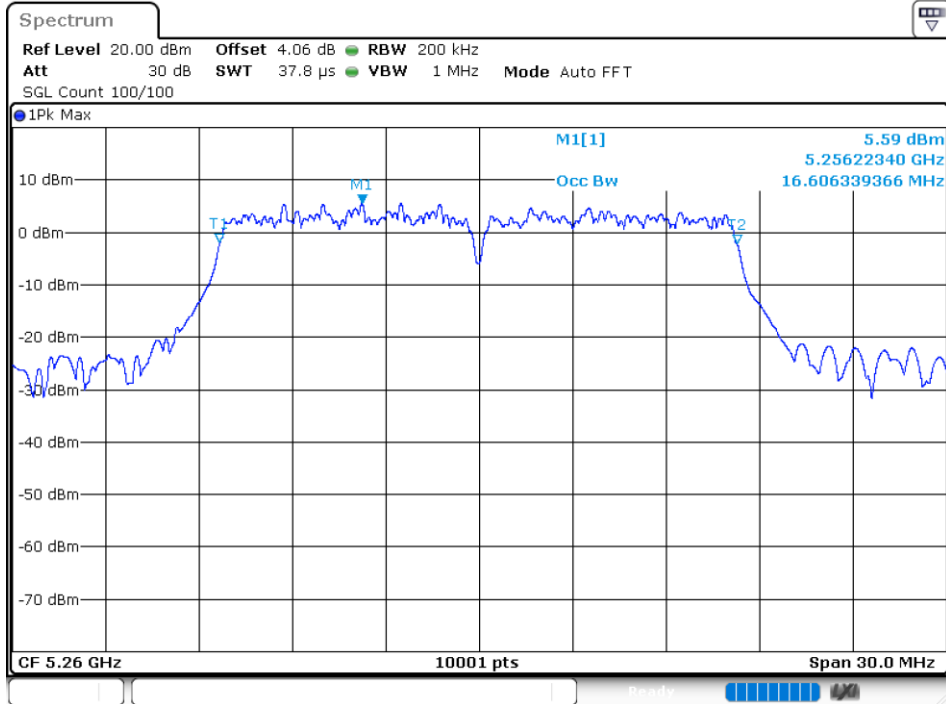


Occupied Channel Bandwidth

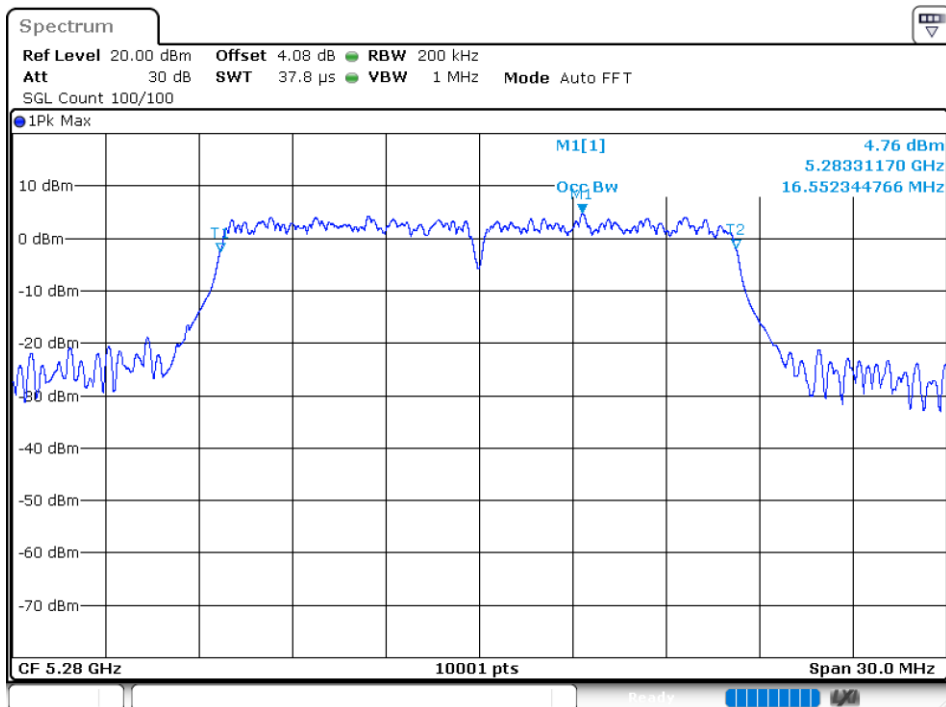
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.606
NVNT	a	5280	Ant1	16.552
NVNT	a	5320	Ant1	16.669
NVNT	n20	5260	Ant1	17.671
NVNT	n20	5280	Ant1	17.647
NVNT	n20	5320	Ant1	17.626
NVNT	n40	5270	Ant1	36.398
NVNT	n40	5310	Ant1	36.422
NVNT	ac20	5260	Ant1	17.605
NVNT	ac20	5280	Ant1	17.614
NVNT	ac20	5320	Ant1	17.692
NVNT	ac40	5270	Ant1	36.398
NVNT	ac40	5310	Ant1	36.404
NVNT	ac80	5290	Ant1	75.424

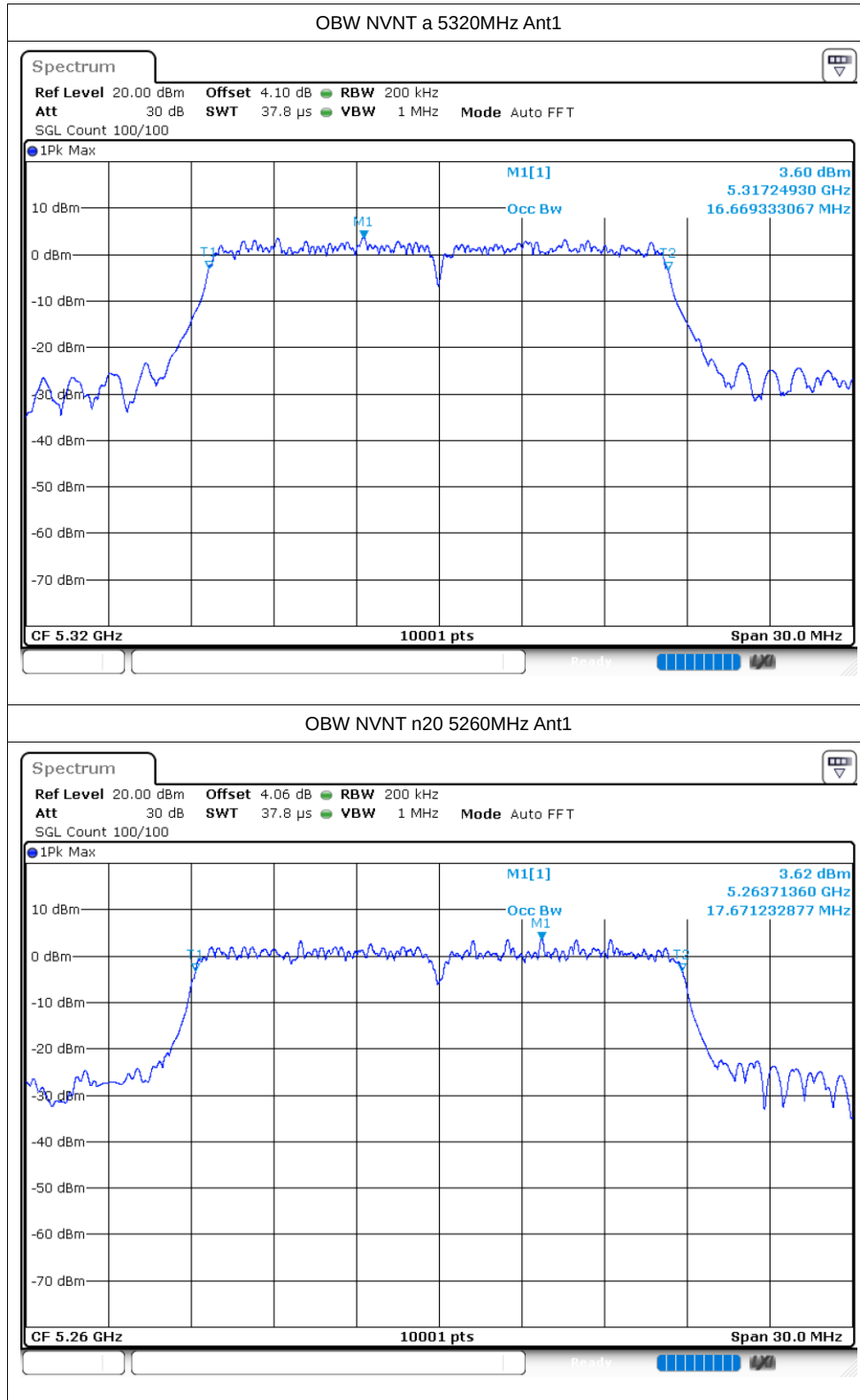
Test Graphs

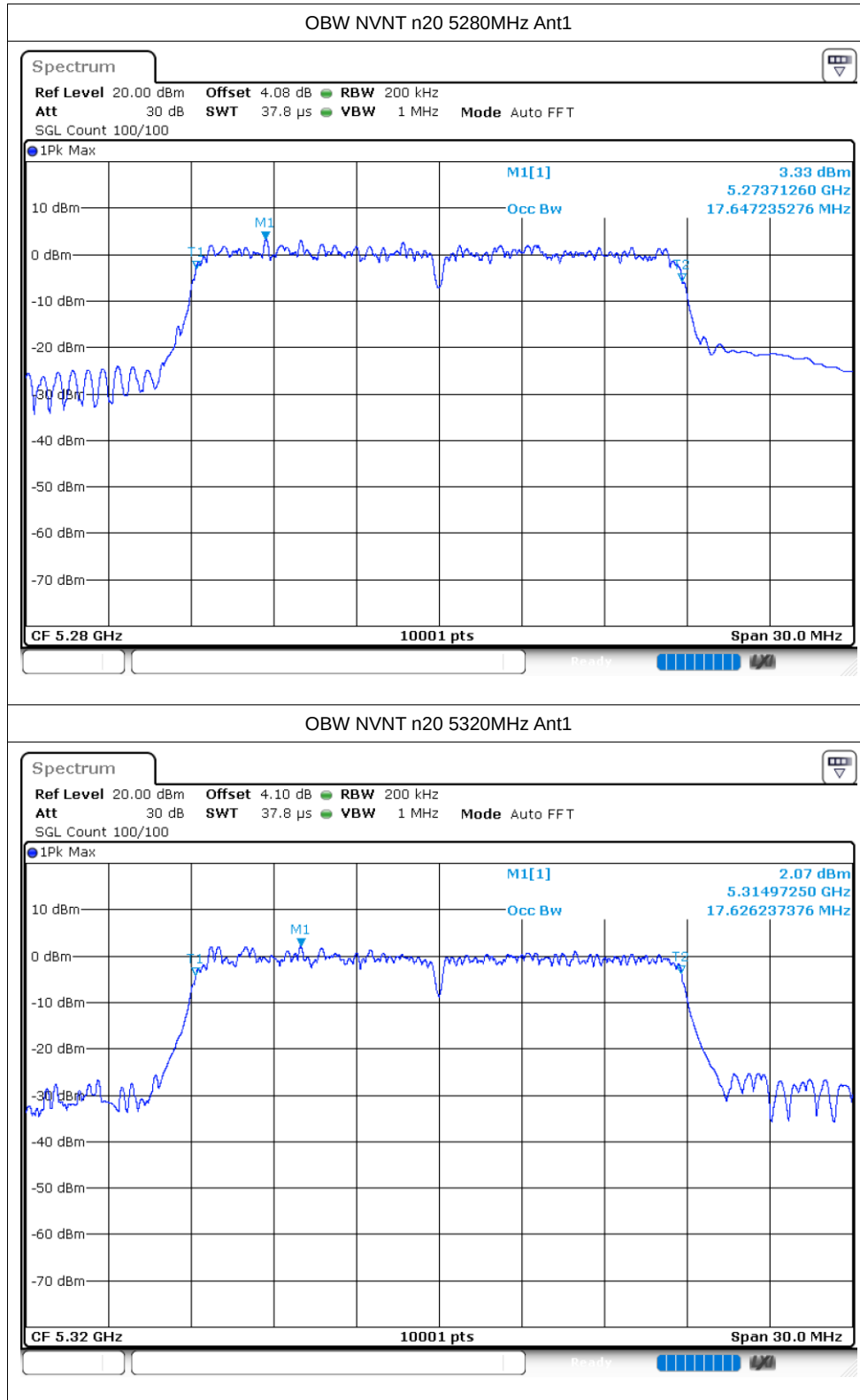
OBW NVNT a 5260MHz Ant1

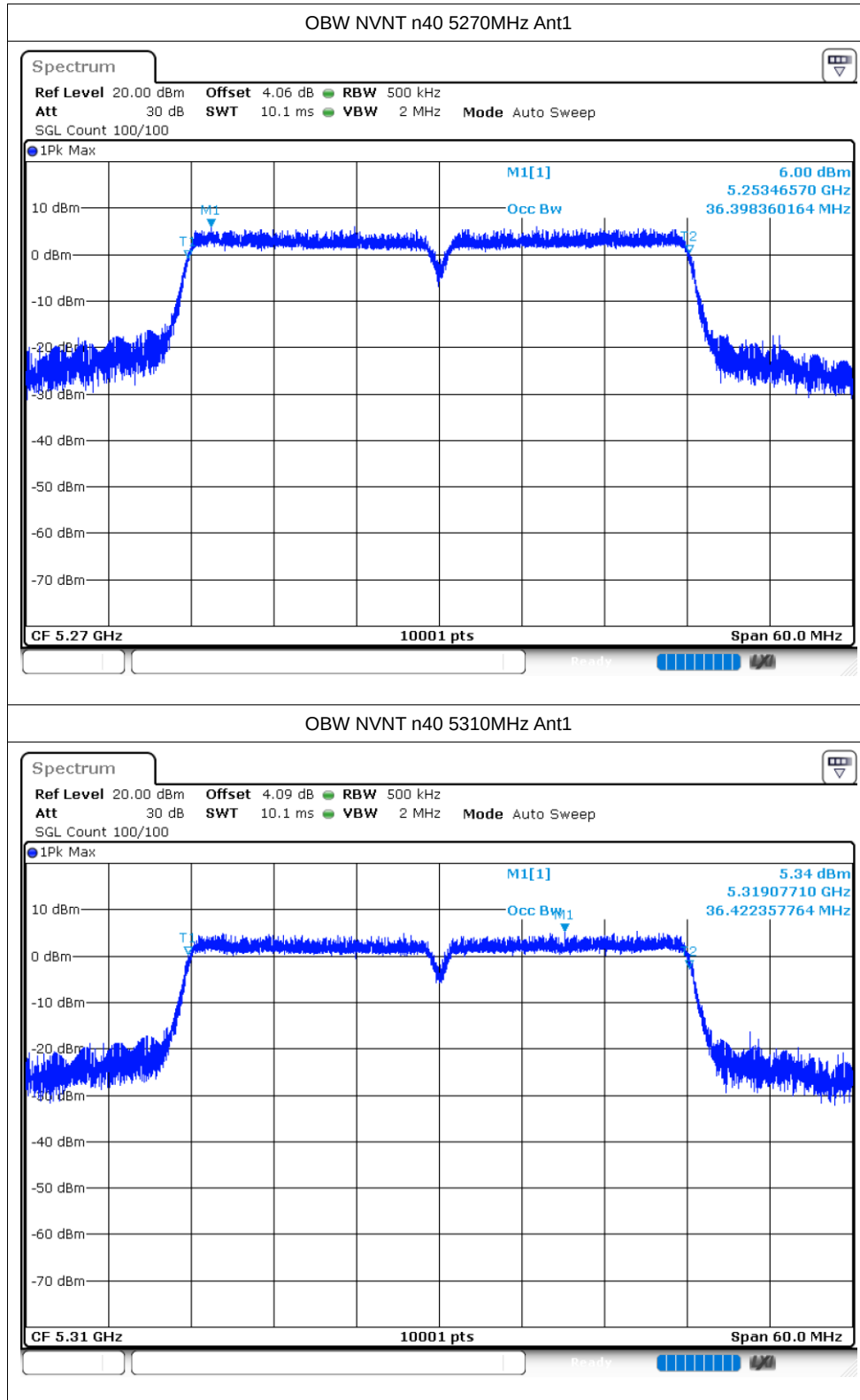


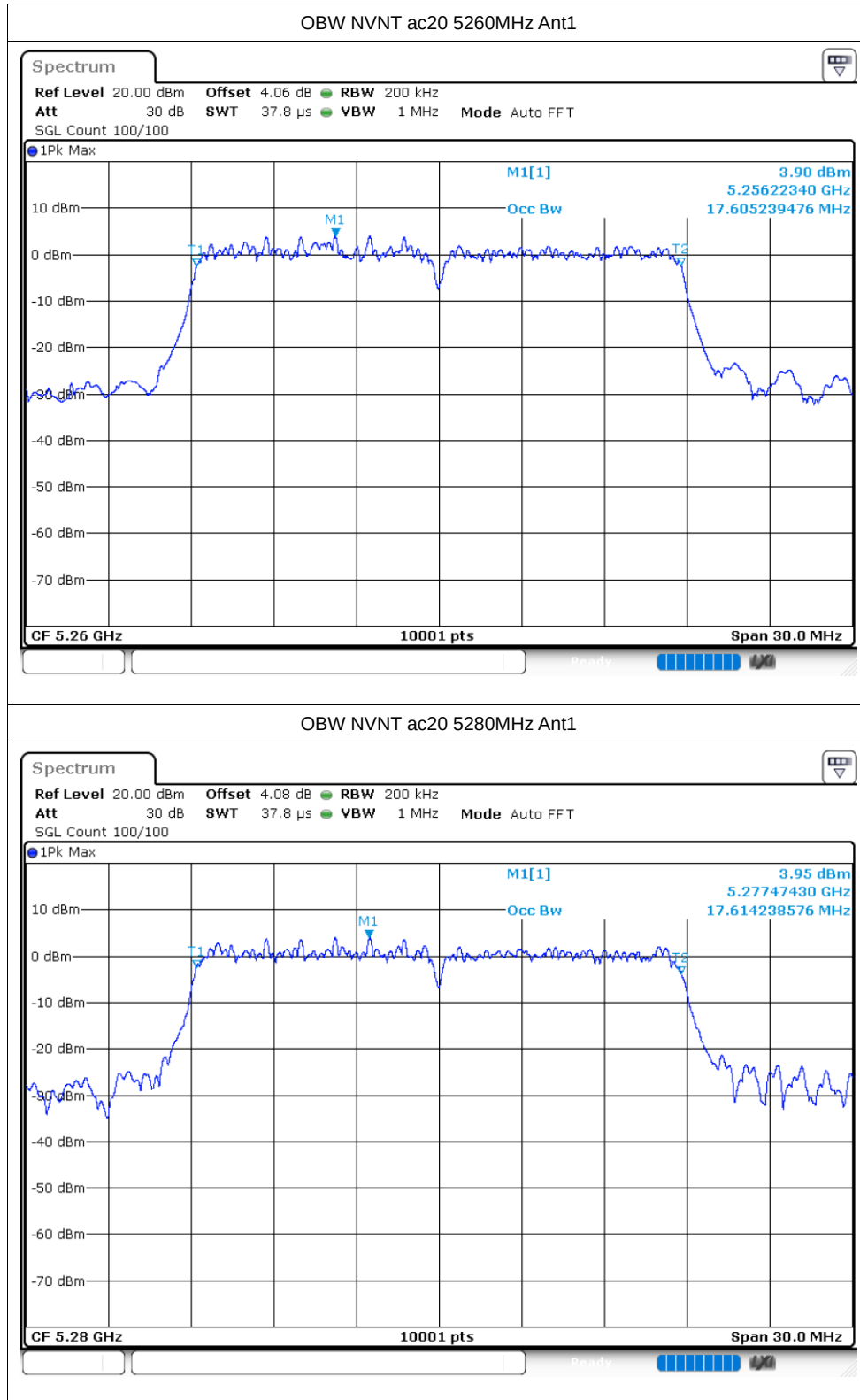
OBW NVNT a 5280MHz Ant1

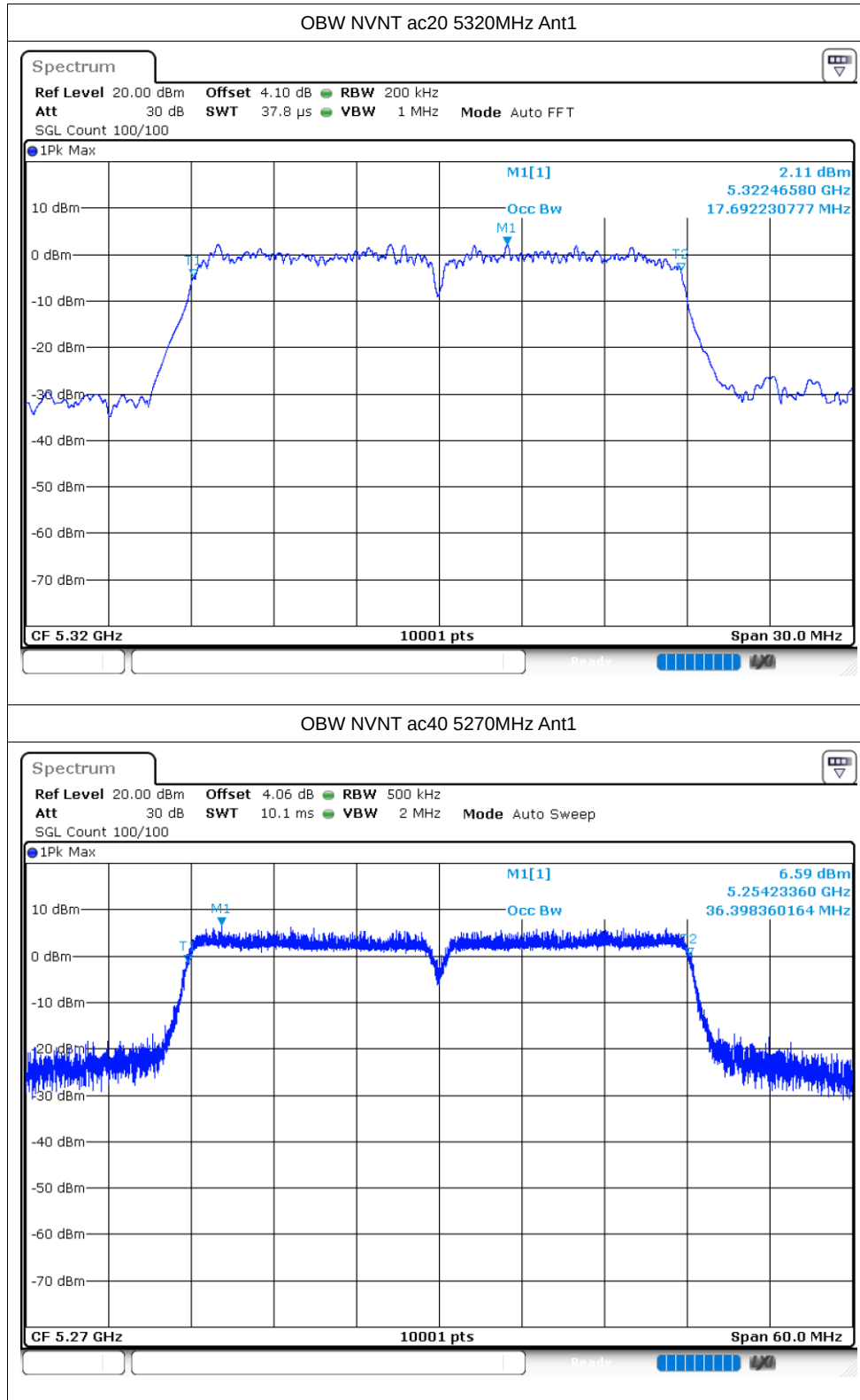


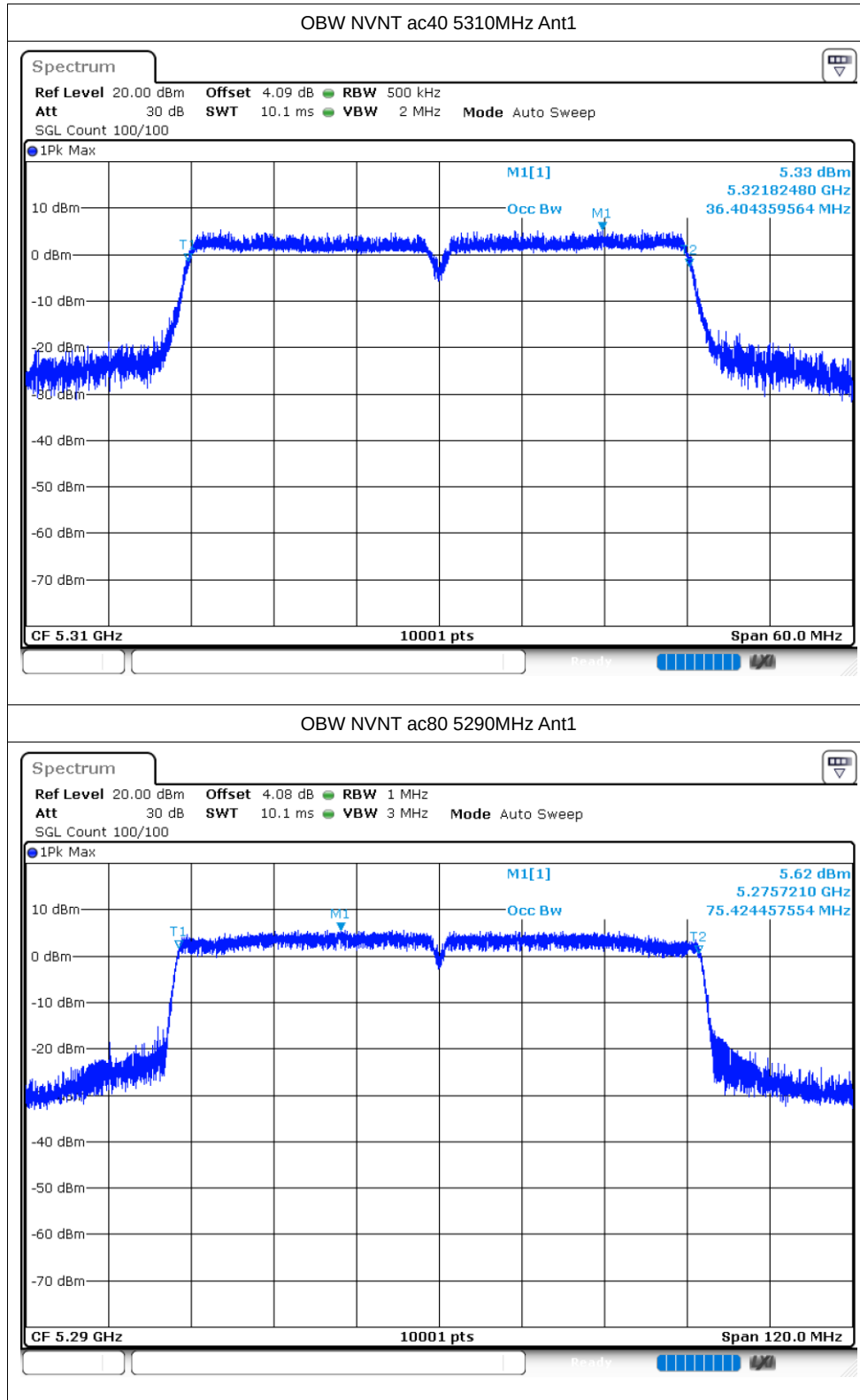










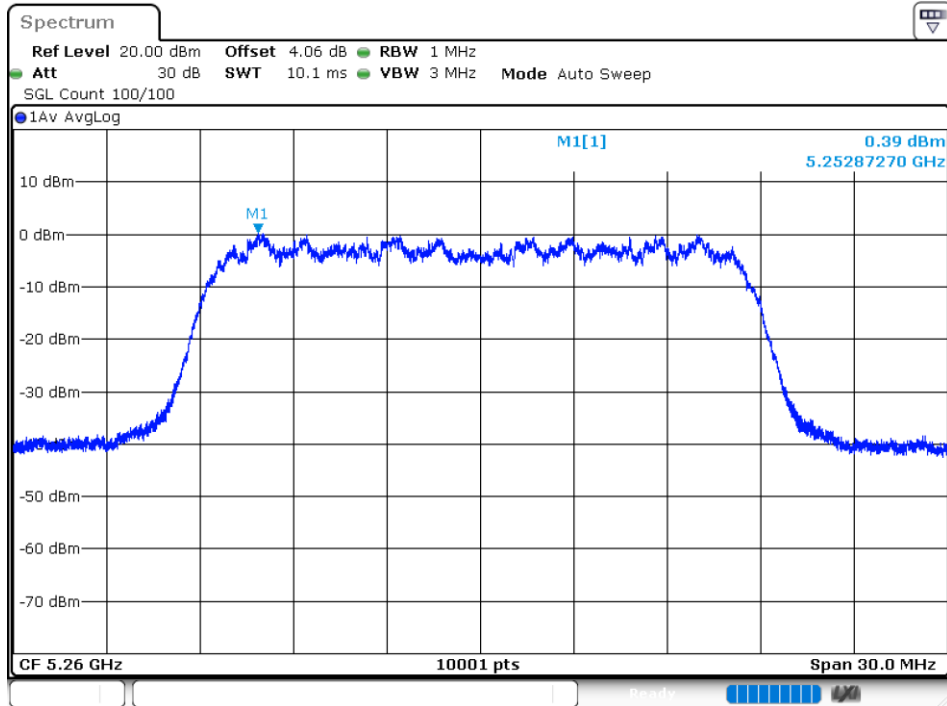


Maximum Power Spectral Density Level

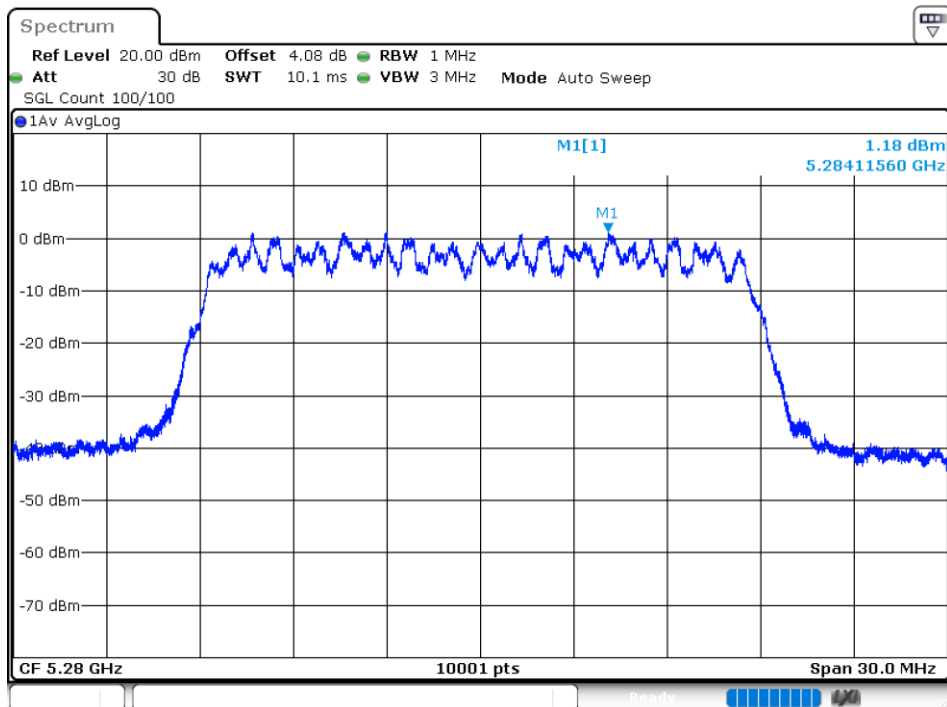
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	0.39	0.43	0.82	11	Pass
NVNT	a	5280	Ant1	1.18	0.43	1.61	11	Pass
NVNT	a	5320	Ant1	0.19	0.45	0.64	11	Pass
NVNT	n20	5260	Ant1	-0.75	0.49	-0.26	11	Pass
NVNT	n20	5280	Ant1	-0.86	0.49	-0.37	11	Pass
NVNT	n20	5320	Ant1	-3.05	0.52	-2.53	11	Pass
NVNT	n40	5270	Ant1	-8.42	0.91	-7.51	11	Pass
NVNT	n40	5310	Ant1	-8.64	0.91	-7.73	11	Pass
NVNT	ac20	5260	Ant1	-1.22	0.48	-0.74	11	Pass
NVNT	ac20	5280	Ant1	-1.21	0.48	-0.73	11	Pass
NVNT	ac20	5320	Ant1	-2.2	0.48	-1.72	11	Pass
NVNT	ac40	5270	Ant1	-7.37	0.92	-6.45	11	Pass
NVNT	ac40	5310	Ant1	-4.63	0.91	-3.72	11	Pass
NVNT	ac80	5290	Ant1	-11.8	1.61	-10.19	11	Pass

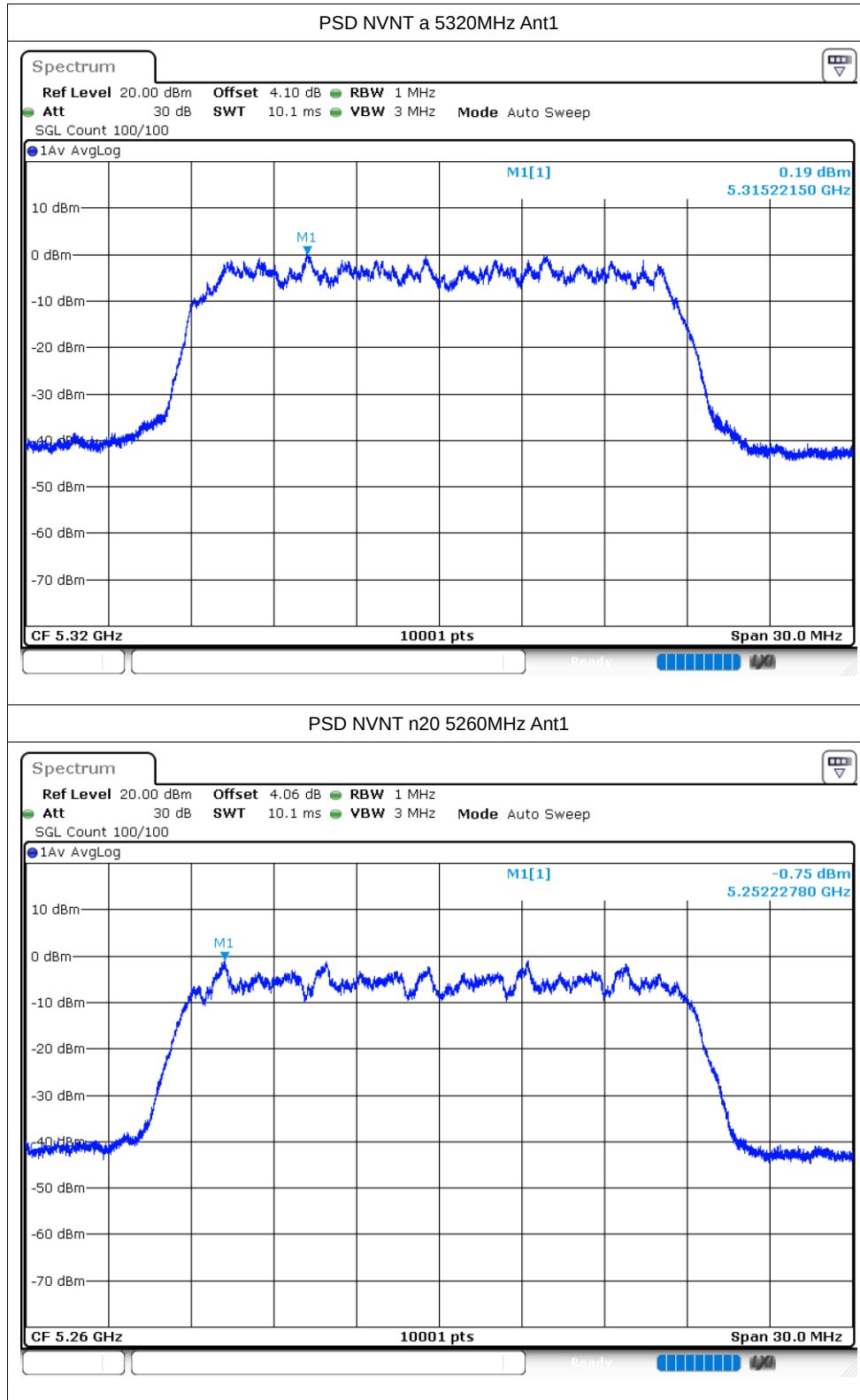
Test Graphs

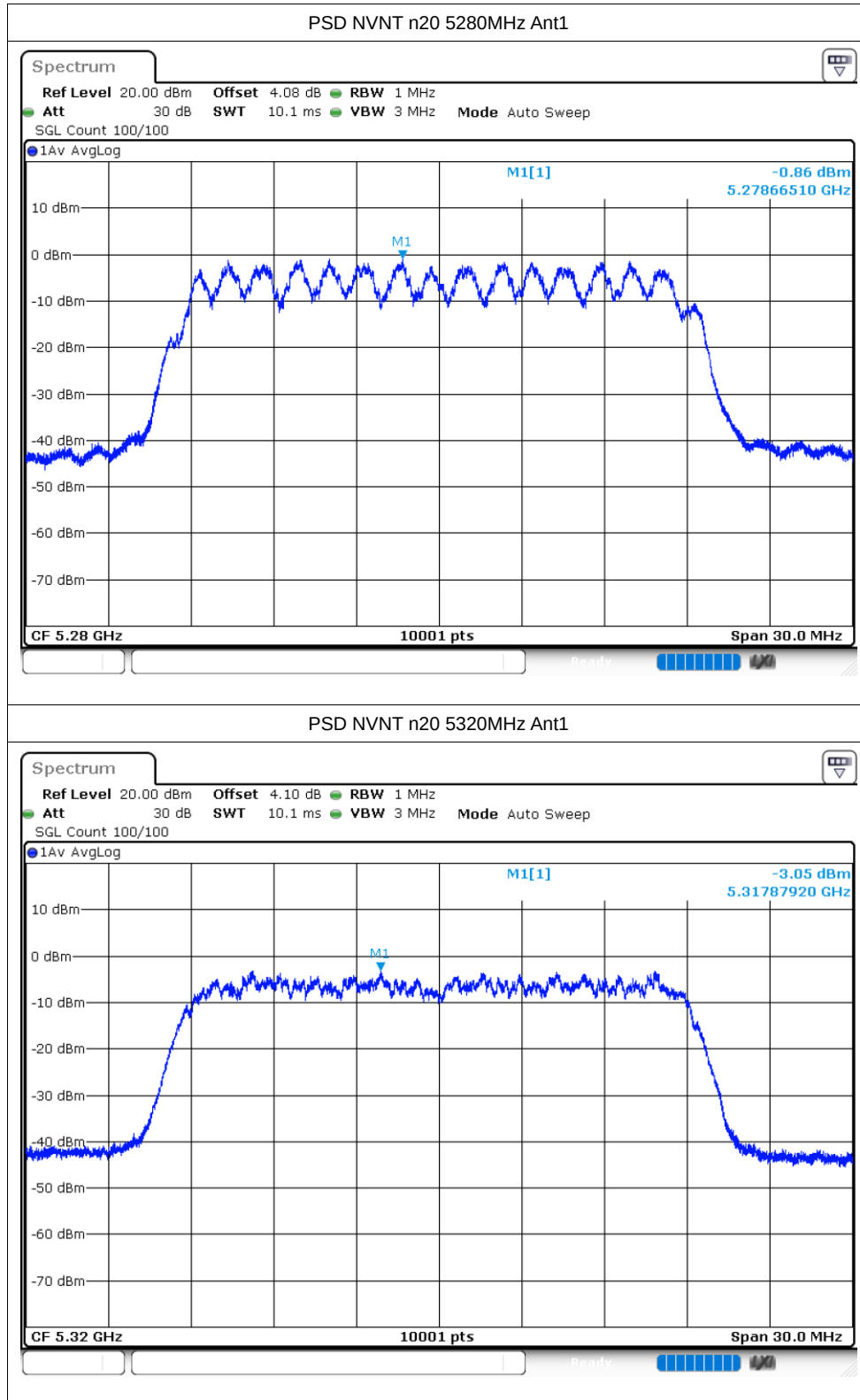
PSD NVNT a 5260MHz Ant1

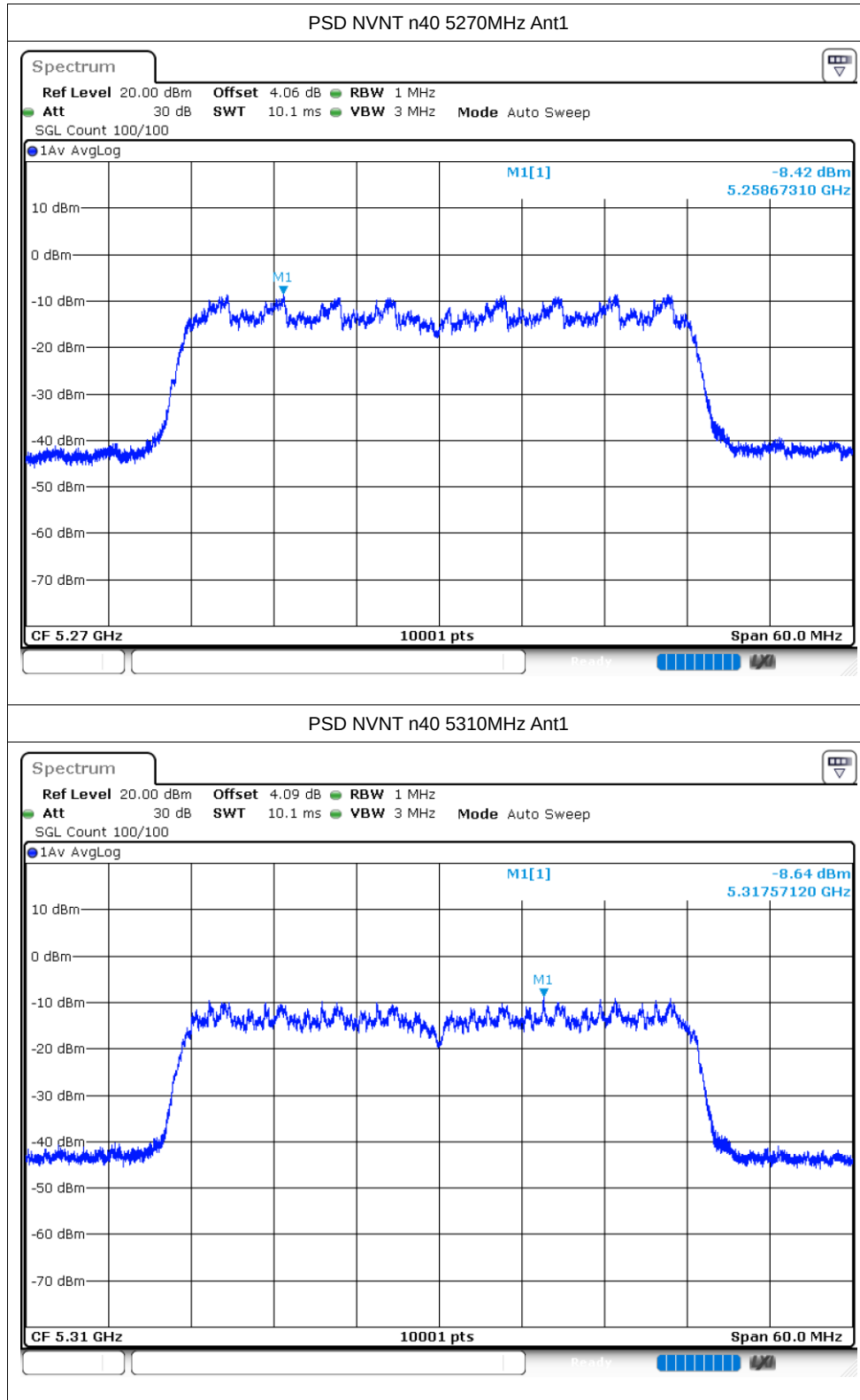


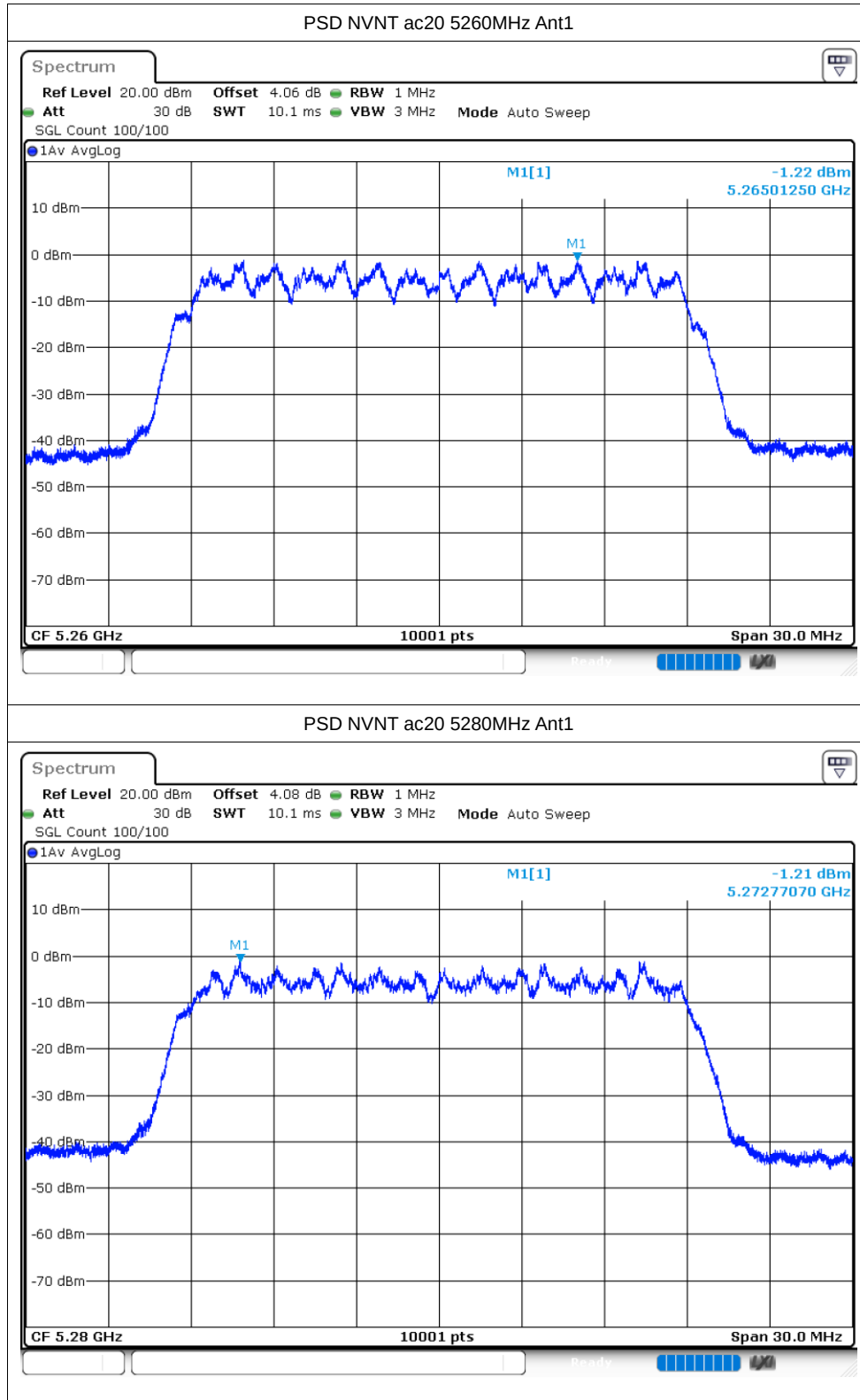
PSD NVNT a 5280MHz Ant1

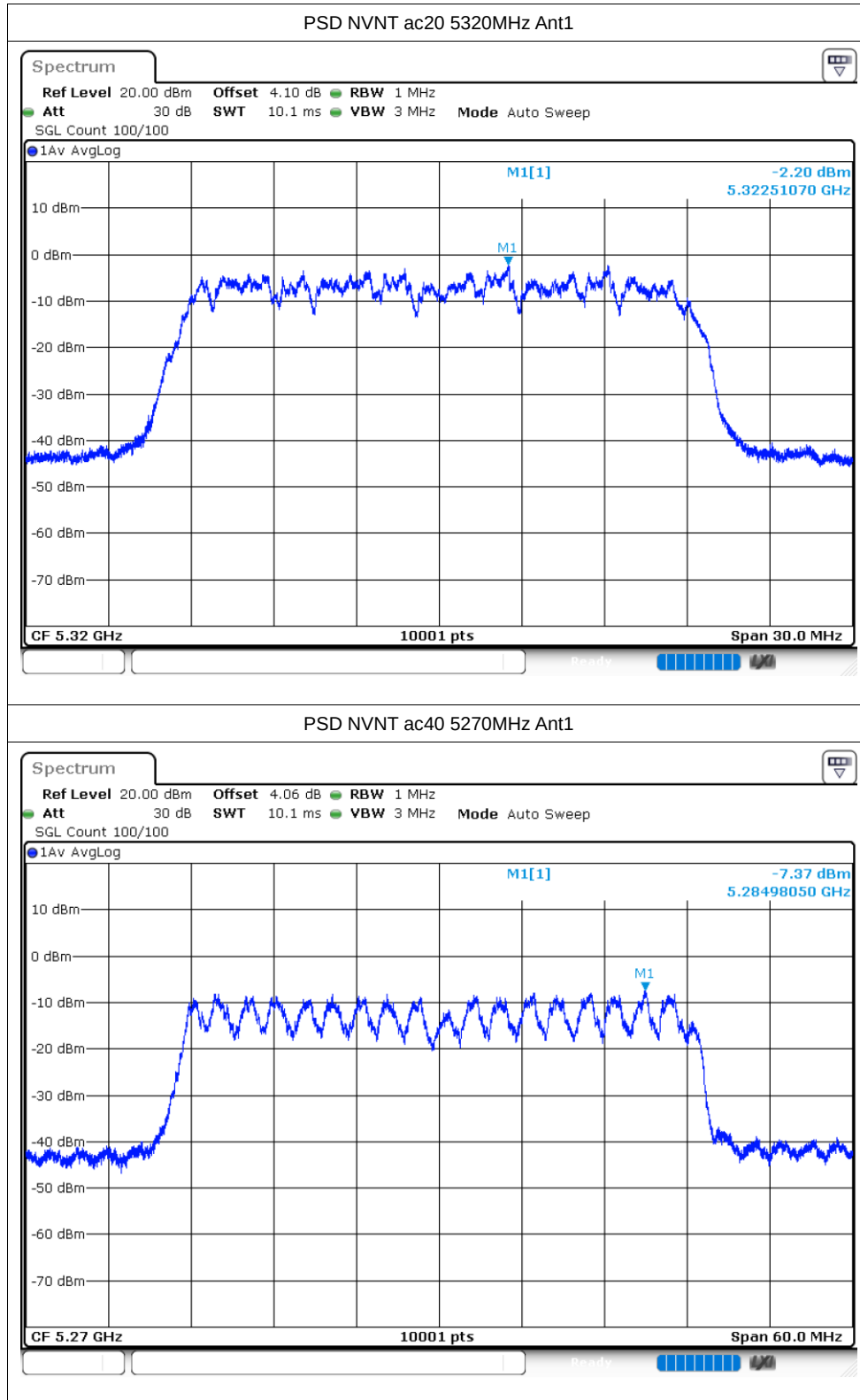


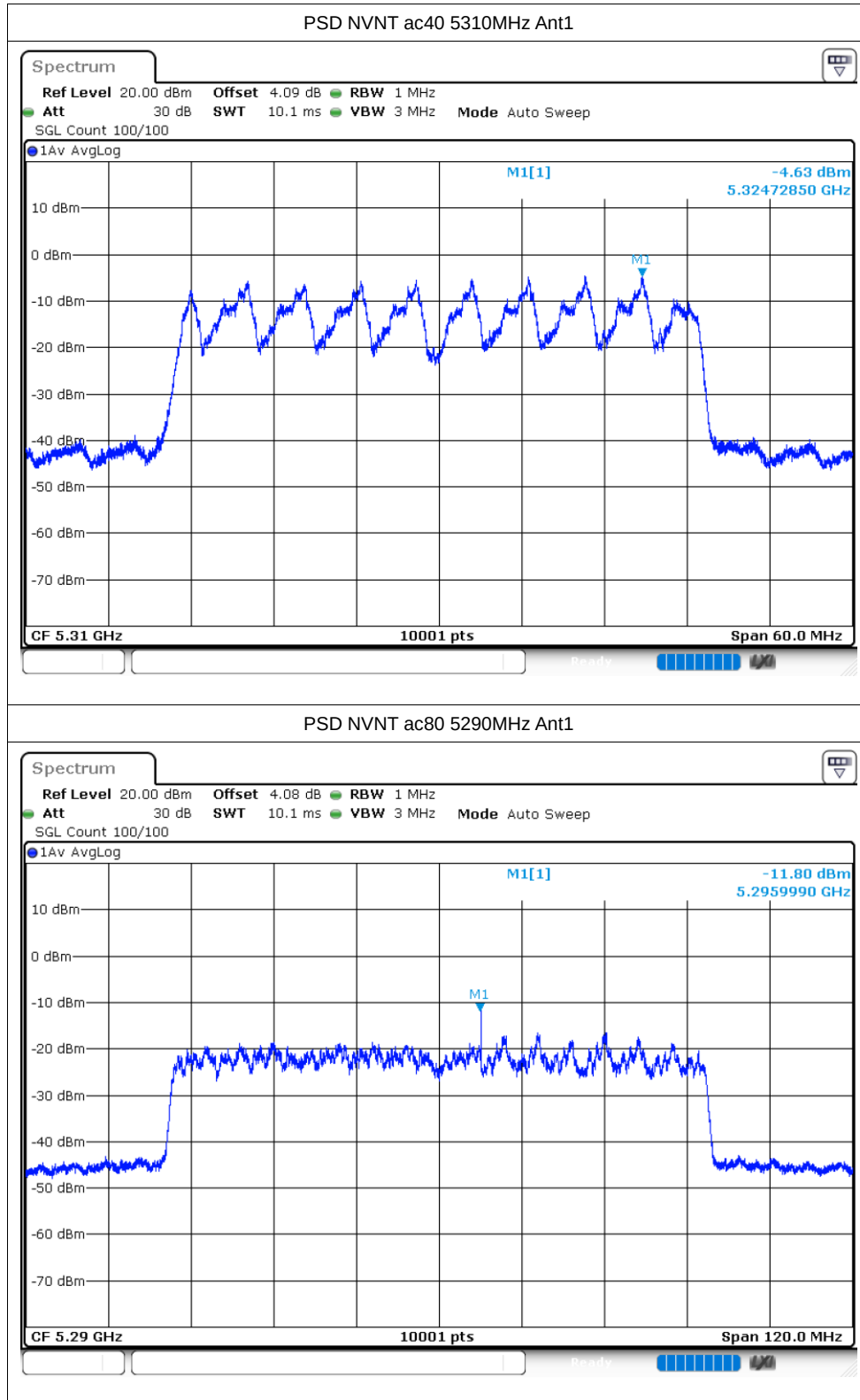












Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-42.96	-27	Pass
NVNT	a	5320	Ant1	-33.15	-27	Pass
NVNT	n20	5260	Ant1	-43.21	-27	Pass
NVNT	n20	5320	Ant1	-28.49	-27	Pass
NVNT	n40	5270	Ant1	-42.98	-27	Pass
NVNT	n40	5310	Ant1	-27.91	-27	Pass
NVNT	ac20	5260	Ant1	-43.01	-27	Pass
NVNT	ac20	5320	Ant1	-32.82	-27	Pass
NVNT	ac40	5270	Ant1	-43.56	-27	Pass
NVNT	ac40	5310	Ant1	-27.05	-27	Pass
NVNT	ac80	5290	Ant1	-28.29	-27	Pass
NVNT	ac80	5290	Ant1	-42.94	-27	Pass

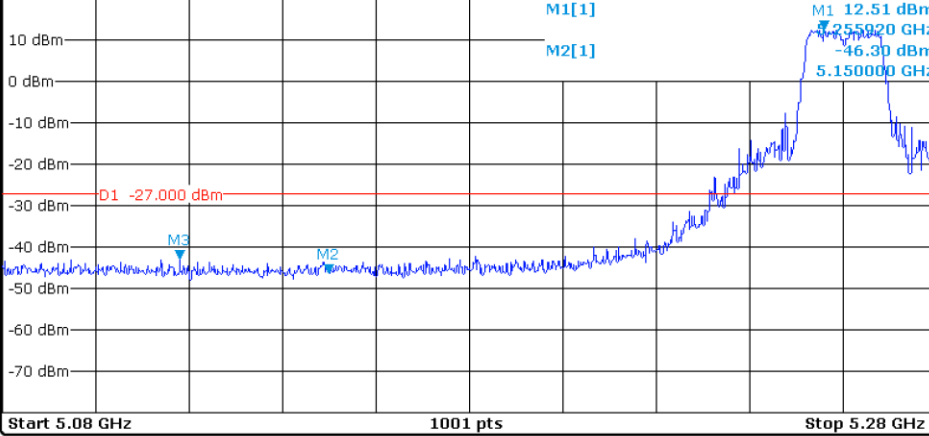
Test Graphs

Band Edge NVNT a 5260MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.91 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

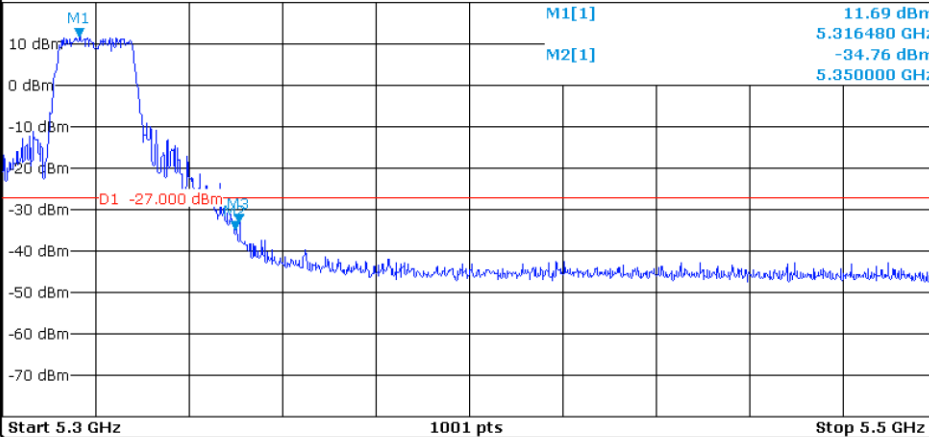
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.25592 GHz	12.51 dBm		
M2	1		5.15 GHz	-46.30 dBm		
M3	1		5.118 GHz	-42.97 dBm		

Band Edge NVNT a 5320MHz High Ant1

Spectrum

Ref Level 20.00 dBm Offset 3.95 dB RBW 1 MHz
Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

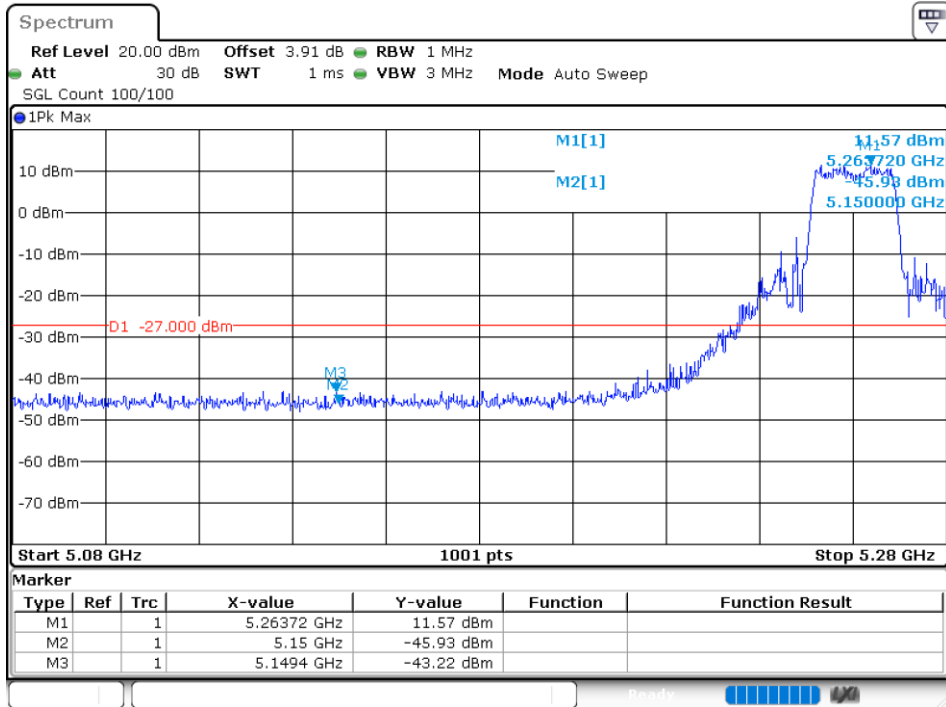
1Pk Max



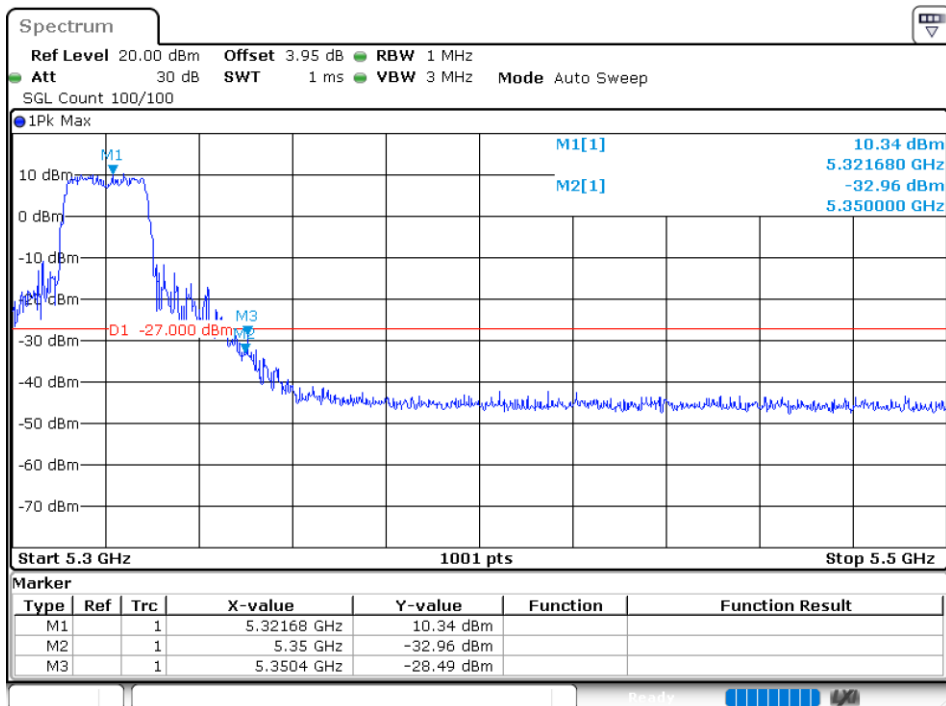
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.31648 GHz	11.69 dBm		
M2	1		5.35 GHz	-34.76 dBm		
M3	1		5.3508 GHz	-33.16 dBm		

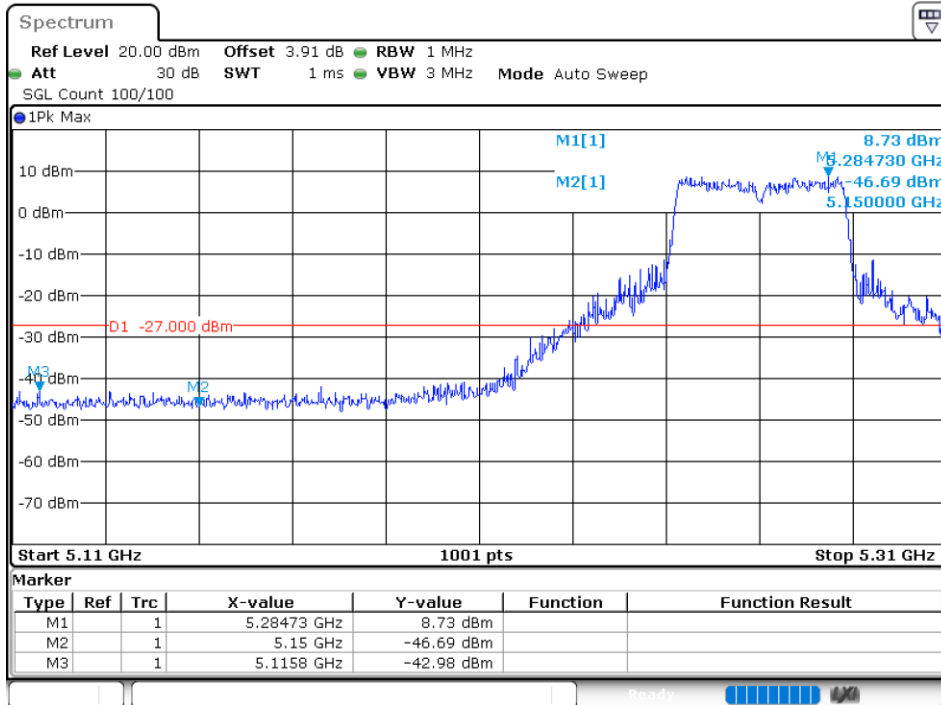
Band Edge NVNT n20 5260MHz Low Ant1



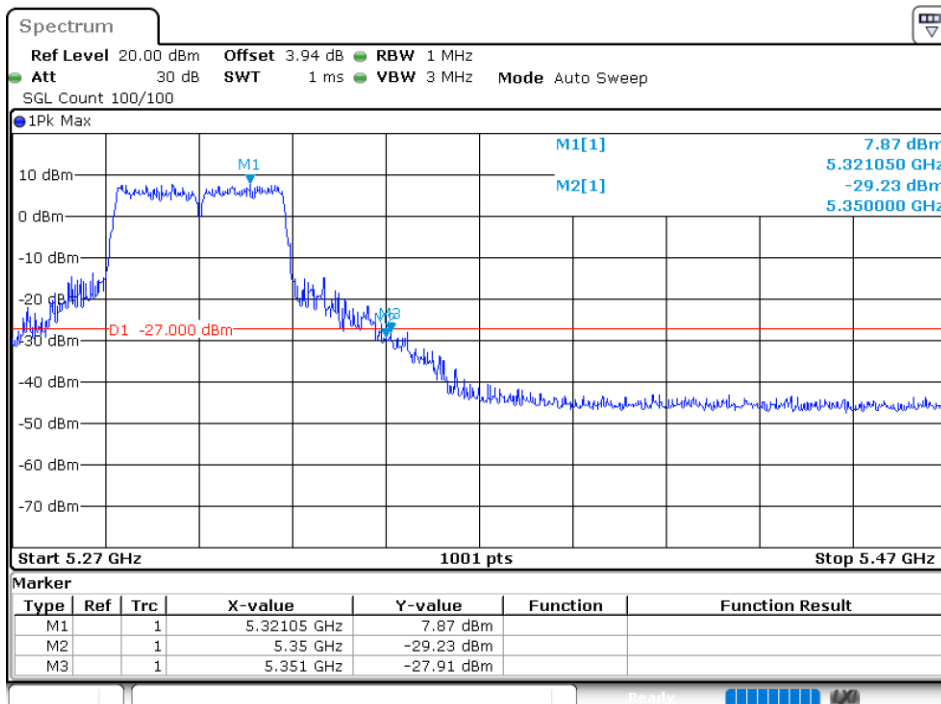
Band Edge NVNT n20 5320MHz High Ant1



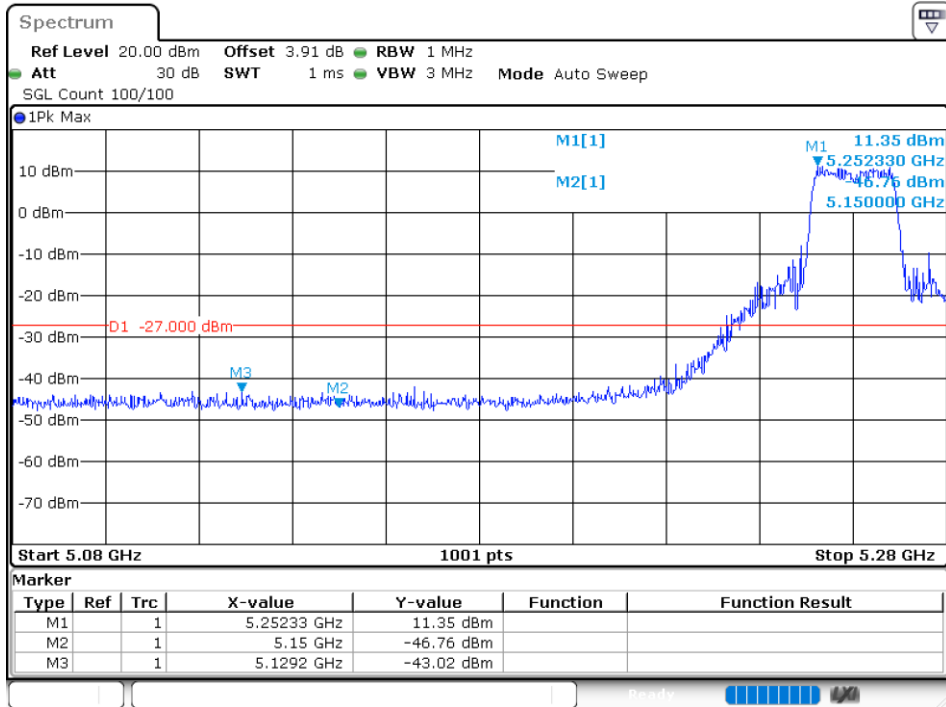
Band Edge NVNT n40 5270MHz Low Ant1



Band Edge NVNT n40 5310MHz High Ant1



Band Edge NVNT ac20 5260MHz Low Ant1



Band Edge NVNT ac20 5320MHz High Ant1

