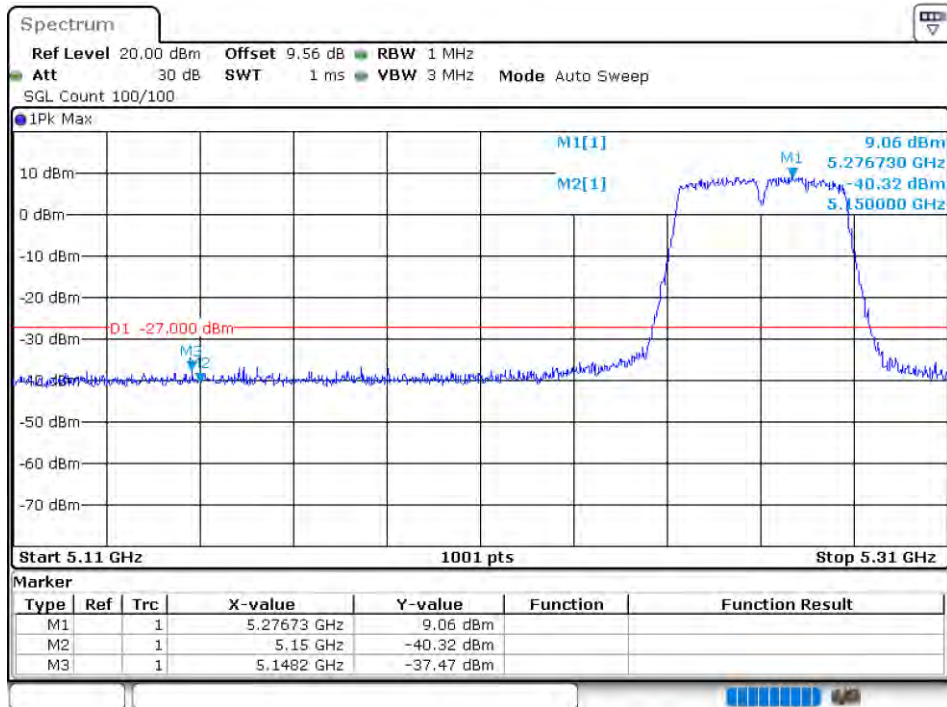
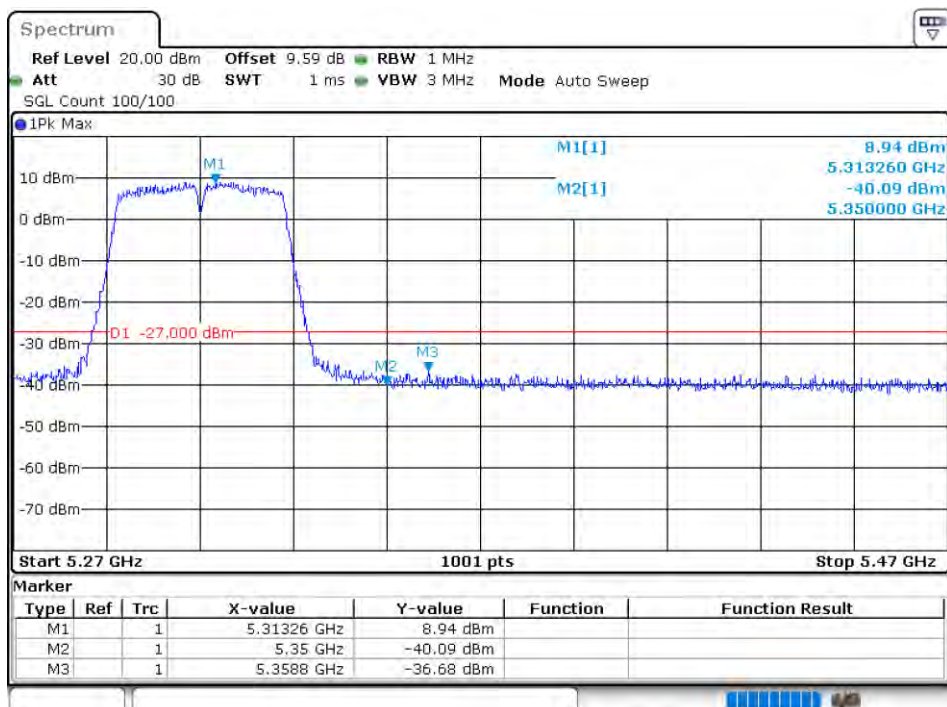


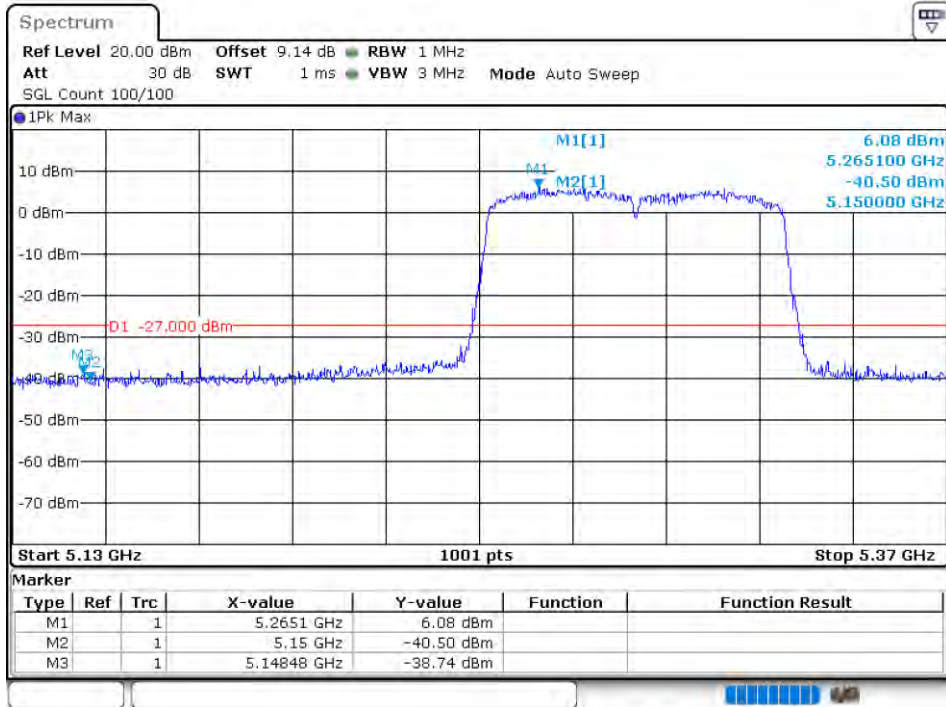
Band Edge NVNT ac40 5270MHz Low Ant1



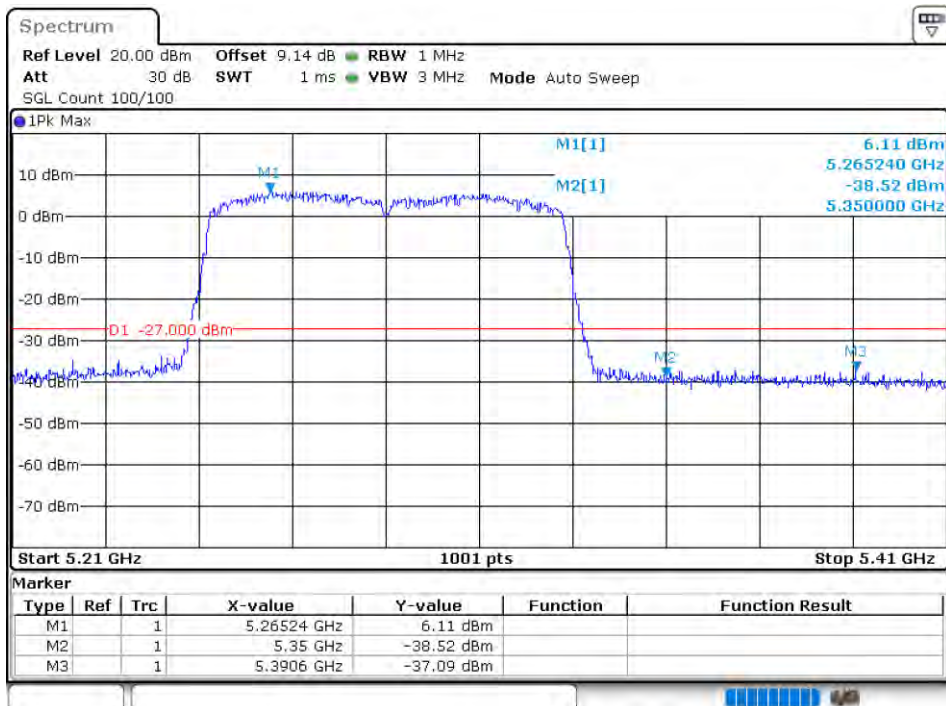
Band Edge NVNT ac40 5310MHz High Ant1



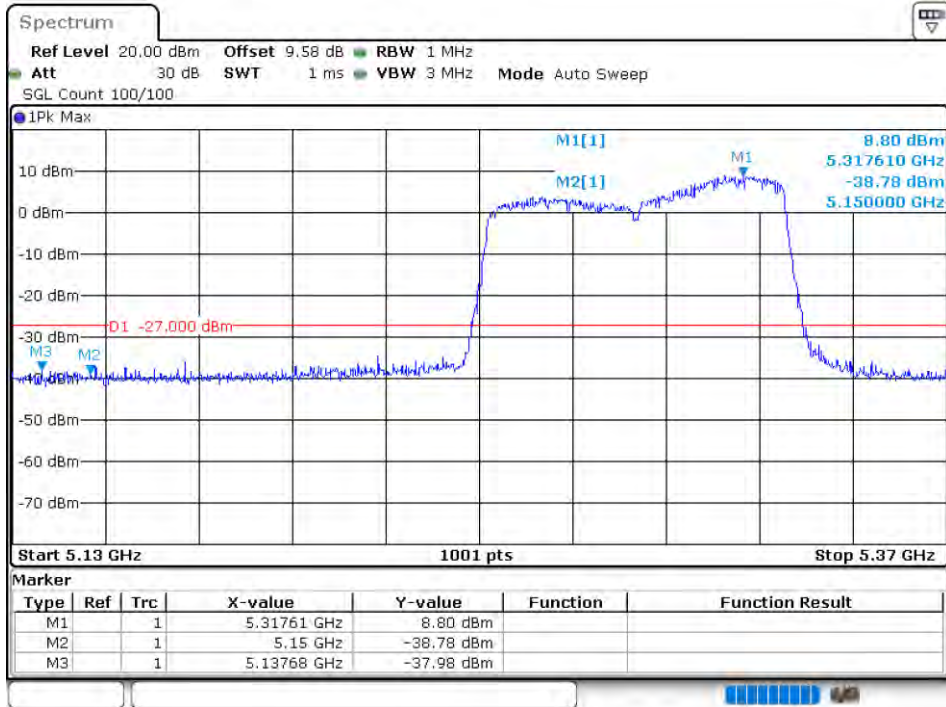
Band Edge NVNT ac80 5290MHz Low Ant0



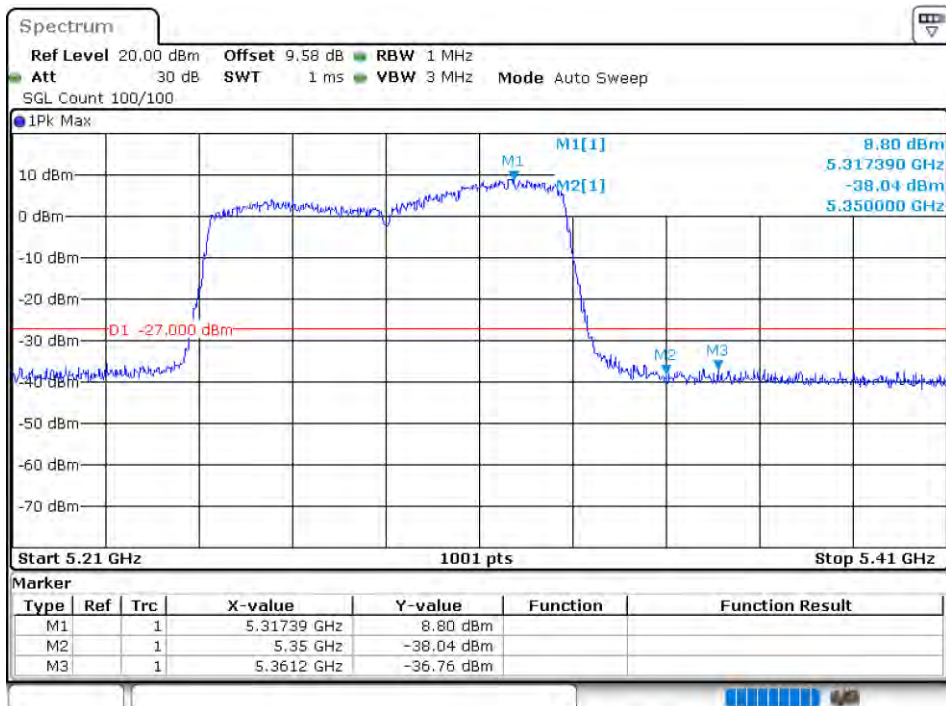
Band Edge NVNT ac80 5290MHz High Ant0



Band Edge NVNT ac80 5290MHz Low Ant1



Band Edge NVNT ac80 5290MHz High Ant1



5.3G WIFI-MIMO

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5260	Ant0	8.24	--	Pass
NVNT	ac20	5260	Ant1	7.49	--	Pass
NVNT	ac20	5260	Sum	10.89	21.61	Pass
NVNT	ac20	5280	Ant0	8.75	--	Pass
NVNT	ac20	5280	Ant1	7.87	--	Pass
NVNT	ac20	5280	Sum	11.34	21.61	Pass
NVNT	ac20	5320	Ant0	7.38	--	Pass
NVNT	ac20	5320	Ant1	8	--	Pass
NVNT	ac20	5320	Sum	10.71	21.61	Pass
NVNT	ac40	5270	Ant0	10.25	--	Pass
NVNT	ac40	5270	Ant1	9.96	--	Pass
NVNT	ac40	5270	Sum	13.12	24	Pass
NVNT	ac40	5310	Ant0	10.4	--	Pass
NVNT	ac40	5310	Ant1	9.48	--	Pass
NVNT	ac40	5310	Sum	12.97	24	Pass
NVNT	ac80	5290	Ant0	10.24	--	Pass
NVNT	ac80	5290	Ant1	9.32	--	Pass
NVNT	ac80	5290	Sum	12.81	24	Pass
NVNT	n20	5260	Ant0	7.38	--	Pass
NVNT	n20	5260	Ant1	8.58	--	Pass
NVNT	n20	5260	Sum	11.03	21.63	Pass
NVNT	n20	5280	Ant0	7.52	--	Pass
NVNT	n20	5280	Ant1	8.06	--	Pass
NVNT	n20	5280	Sum	10.81	21.63	Pass
NVNT	n20	5320	Ant0	7.11	--	Pass
NVNT	n20	5320	Ant1	7.21	--	Pass
NVNT	n20	5320	Sum	10.17	21.63	Pass
NVNT	n40	5270	Ant0	10.42	--	Pass
NVNT	n40	5270	Ant1	10.04	--	Pass
NVNT	n40	5270	Sum	13.24	24	Pass
NVNT	n40	5310	Ant0	10.32	--	Pass
NVNT	n40	5310	Ant1	9.4	--	Pass
NVNT	n40	5310	Sum	12.89	24	Pass

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

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	Ant0	-5.48	0	-5.48	--	Pass
NVNT	ac20	5260	Ant1	-5.8	0	-5.8	--	Pass
NVNT	ac20	5260	Sum	--	--	-2.63	8.73	Pass
NVNT	ac20	5280	Ant0	-5.44	0	-5.44	--	Pass
NVNT	ac20	5280	Ant1	-5.55	0	-5.55	--	Pass
NVNT	ac20	5280	Sum	--	--	-2.48	8.73	Pass
NVNT	ac20	5320	Ant0	-5.66	0	-5.66	--	Pass
NVNT	ac20	5320	Ant1	-6.02	0	-6.02	--	Pass
NVNT	ac20	5320	Sum	--	--	-2.83	8.73	Pass
NVNT	ac40	5270	Ant0	-5.71	0	-5.71	--	Pass
NVNT	ac40	5270	Ant1	-6.8	0	-6.8	--	Pass
NVNT	ac40	5270	Sum	--	--	-3.21	8.73	Pass
NVNT	ac40	5310	Ant0	-4.87	0	-4.87	--	Pass
NVNT	ac40	5310	Ant1	-6.59	0	-6.59	--	Pass
NVNT	ac40	5310	Sum	--	--	-2.64	8.73	Pass
NVNT	ac80	5290	Ant0	-8.93	0	-8.93	--	Pass
NVNT	ac80	5290	Ant1	-9.96	0	-9.96	--	Pass
NVNT	ac80	5290	Sum	--	--	-6.40	8.73	Pass
NVNT	n20	5260	Ant0	-5.56	0	-5.56	--	Pass
NVNT	n20	5260	Ant1	-5.78	0	-5.78	--	Pass
NVNT	n20	5260	Sum	--	--	-2.66	8.73	Pass
NVNT	n20	5280	Ant0	-4.76	0	-4.76	--	Pass
NVNT	n20	5280	Ant1	-5.17	0	-5.17	--	Pass
NVNT	n20	5280	Sum	--	--	-1.95	8.73	Pass
NVNT	n20	5320	Ant0	-5.58	0	-5.58	--	Pass
NVNT	n20	5320	Ant1	-6.02	0	-6.02	--	Pass
NVNT	n20	5320	Sum	--	--	-2.78	8.73	Pass
NVNT	n40	5270	Ant0	-5.33	0	-5.33	--	Pass
NVNT	n40	5270	Ant1	-6.56	0	-6.56	--	Pass
NVNT	n40	5270	Sum	--	--	-2.89	8.73	Pass
NVNT	n40	5310	Ant0	-4.84	0	-4.84	--	Pass
NVNT	n40	5310	Ant1	-6.3	0	-6.3	--	Pass
NVNT	n40	5310	Sum	--	--	-2.50	8.73	Pass

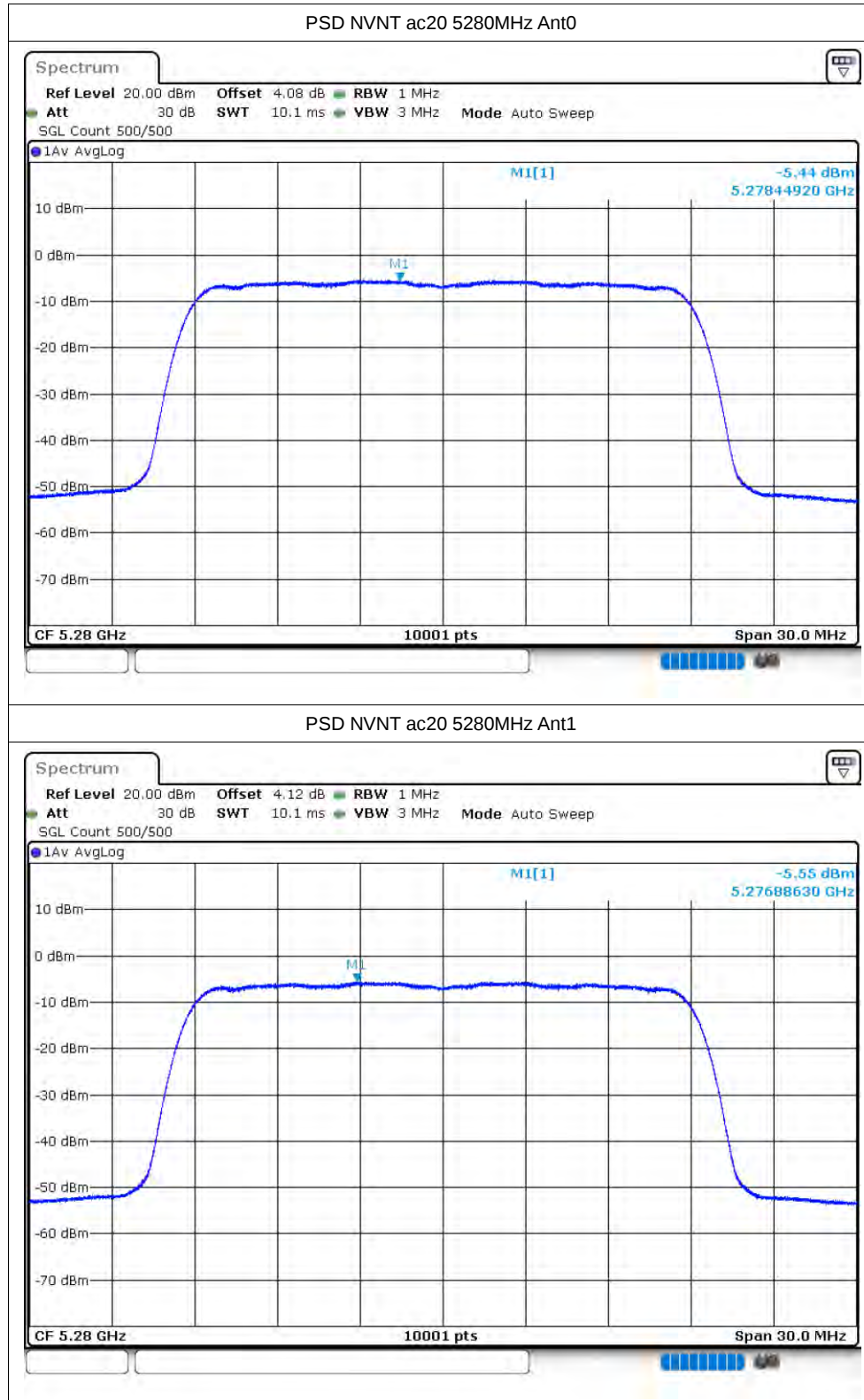
Test Graphs

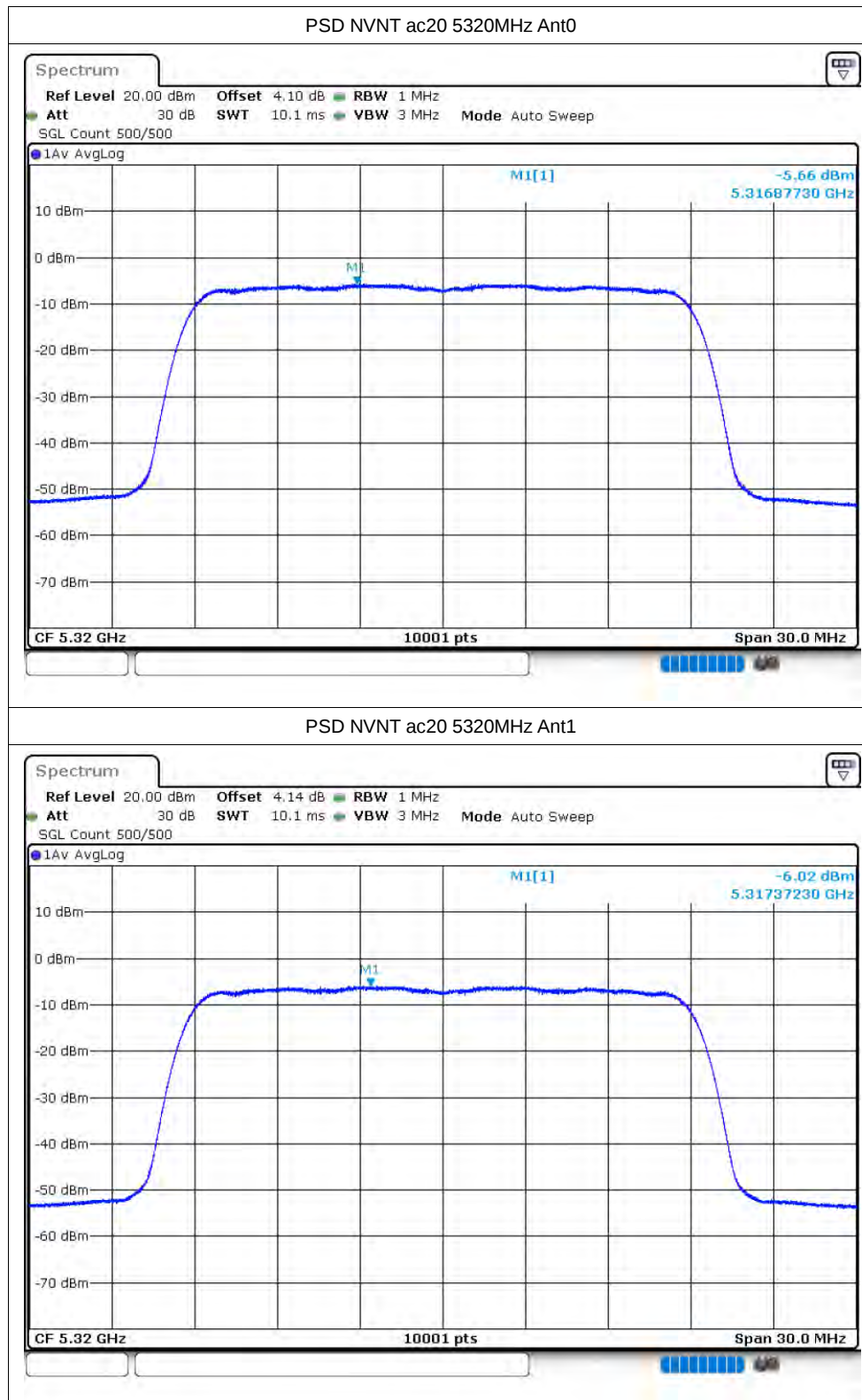
PSD NVNT ac20 5260MHz Ant0



PSD NVNT ac20 5260MHz Ant1



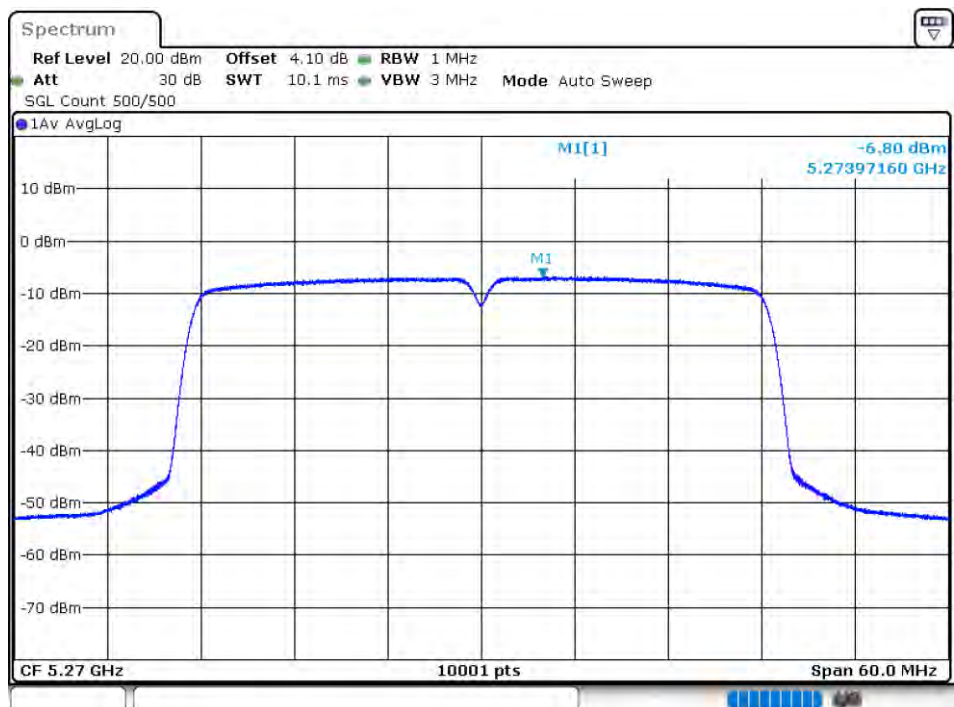


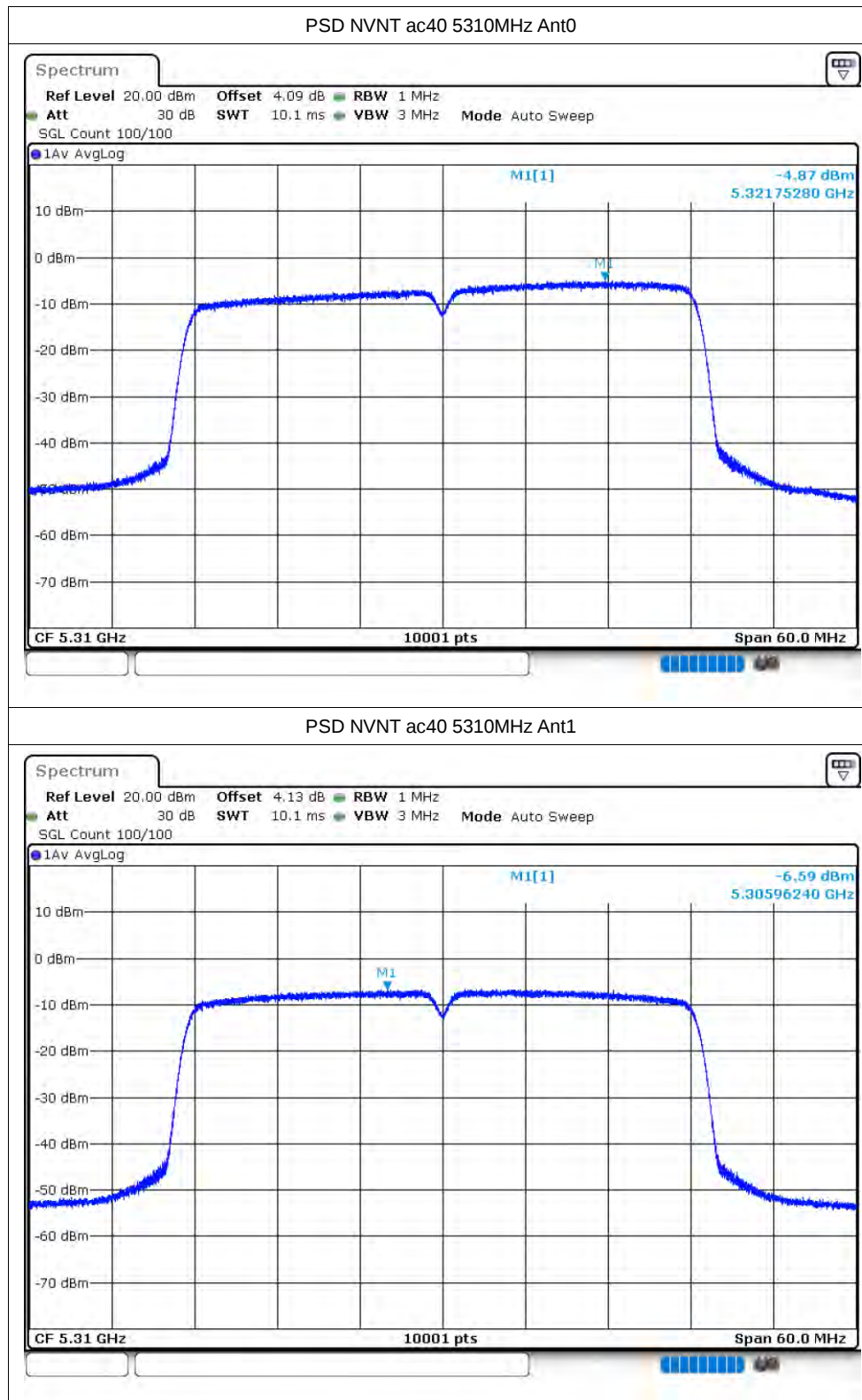


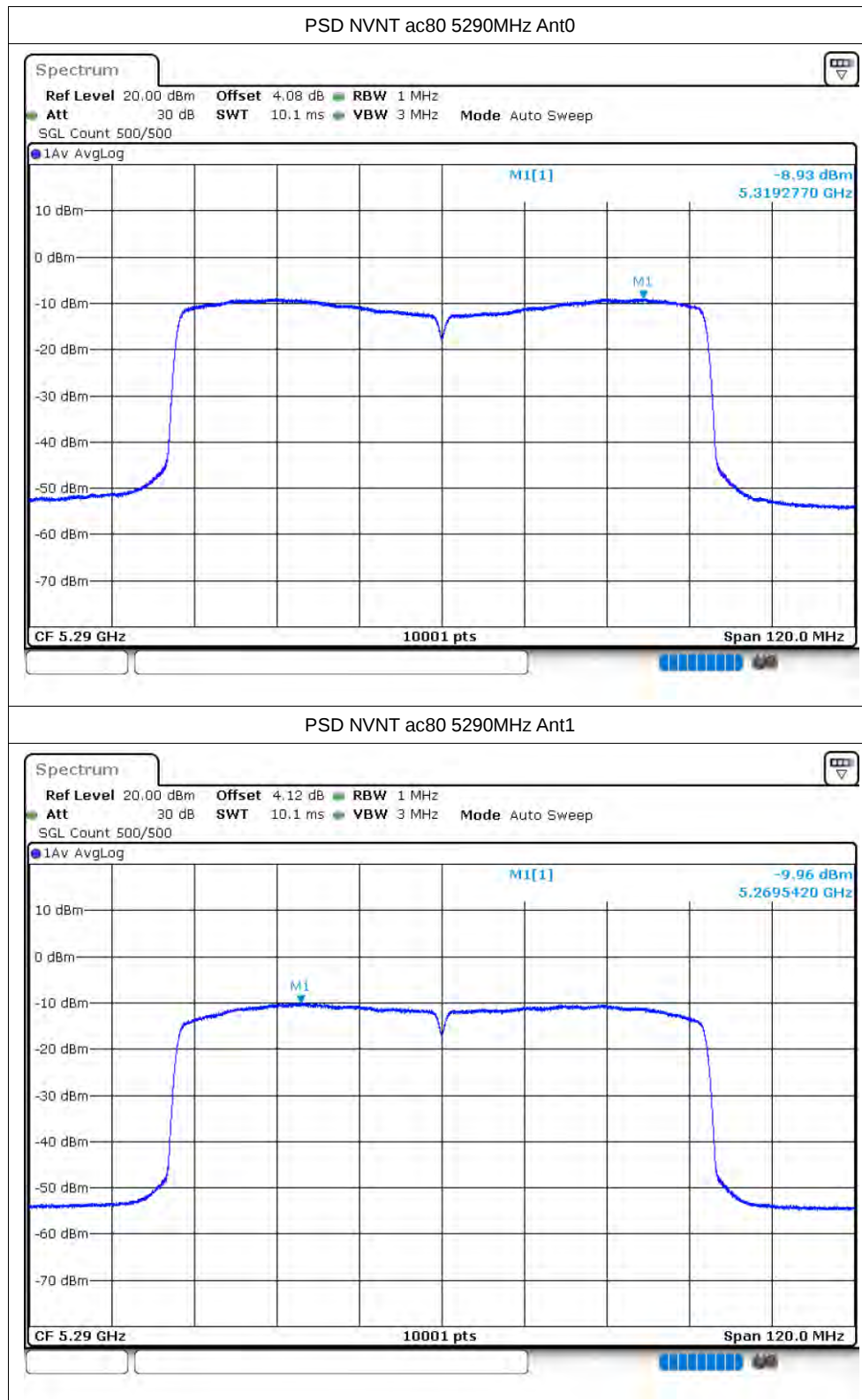
PSD NVNT ac40 5270MHz Ant0

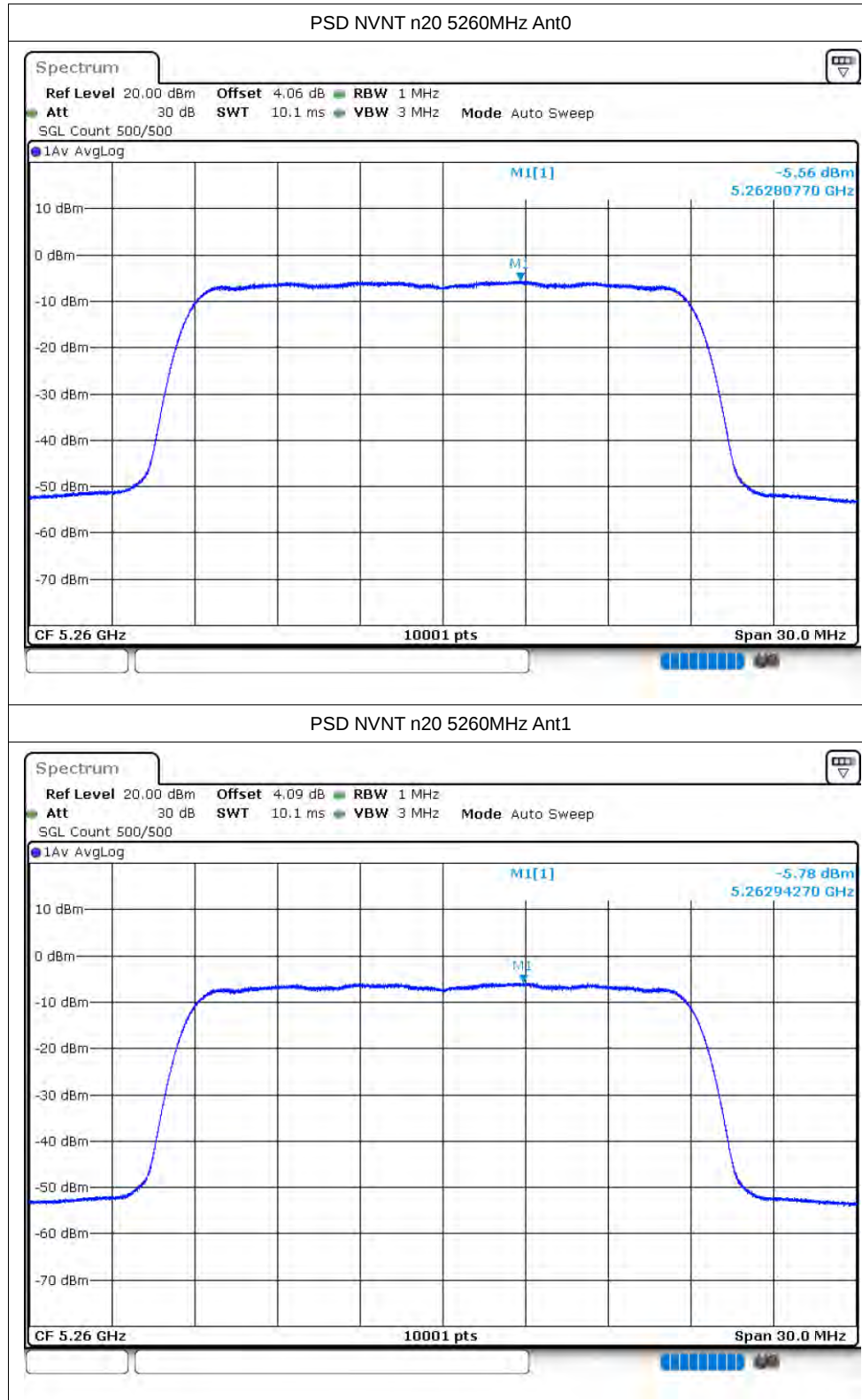


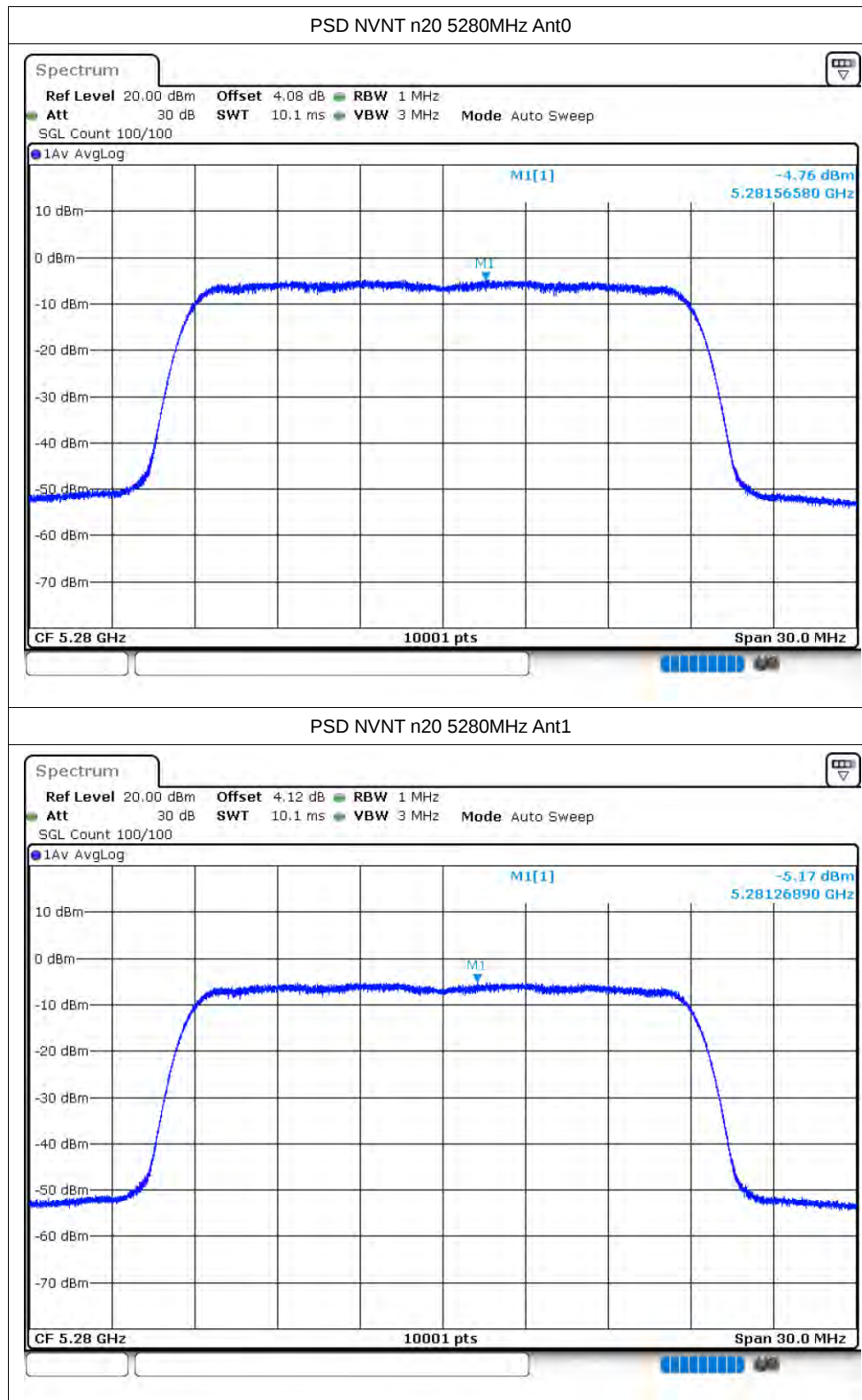
PSD NVNT ac40 5270MHz Ant1

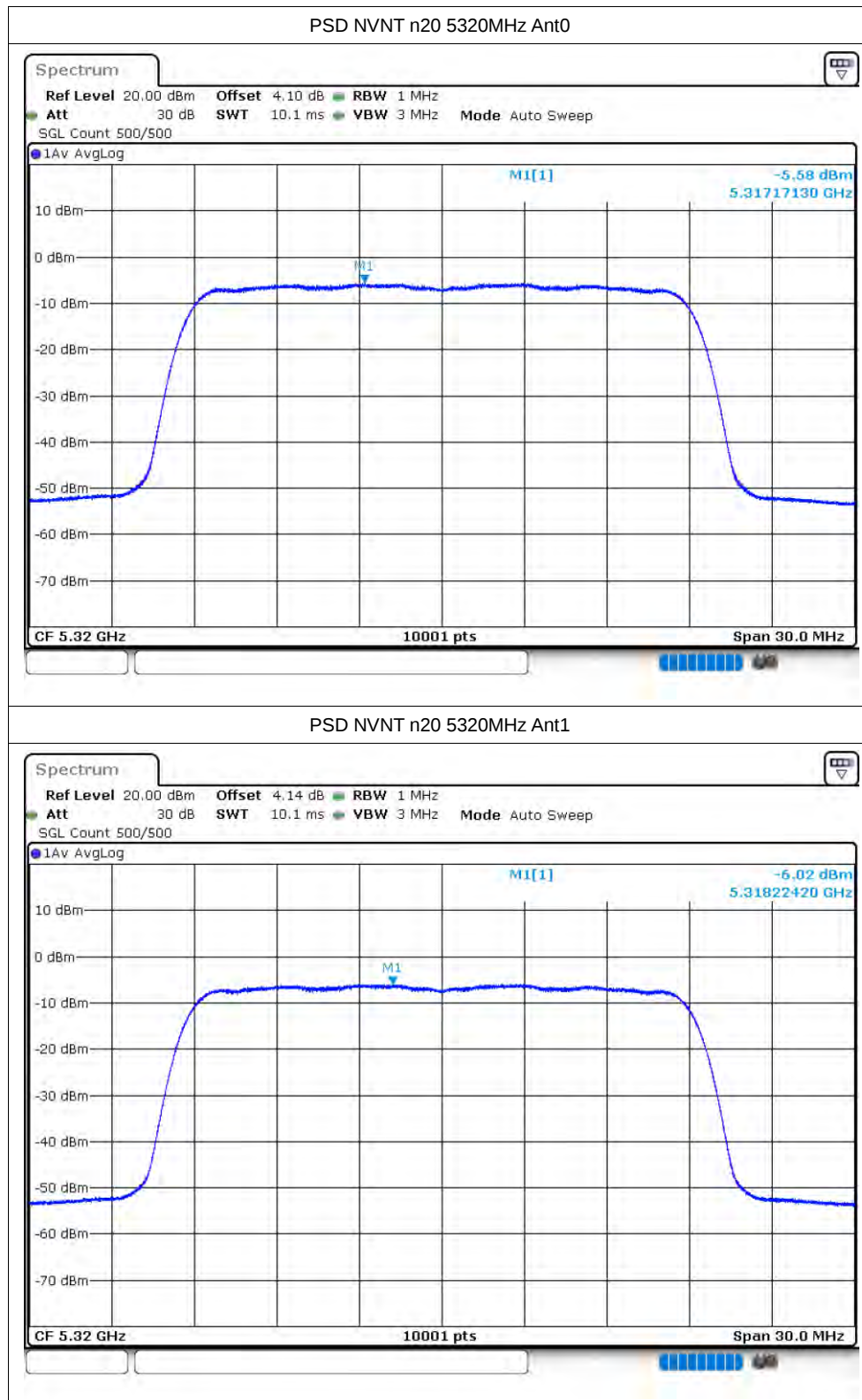


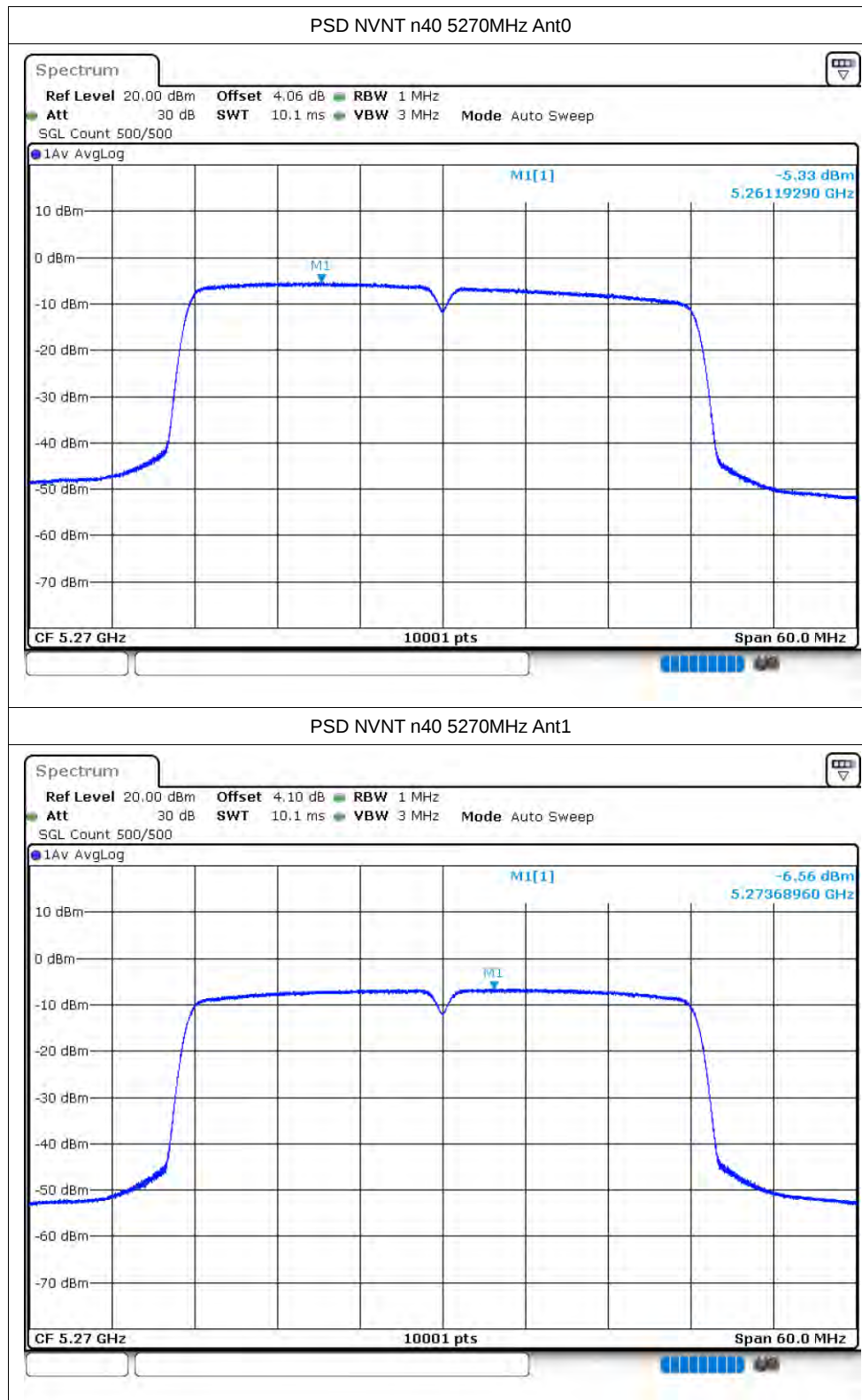


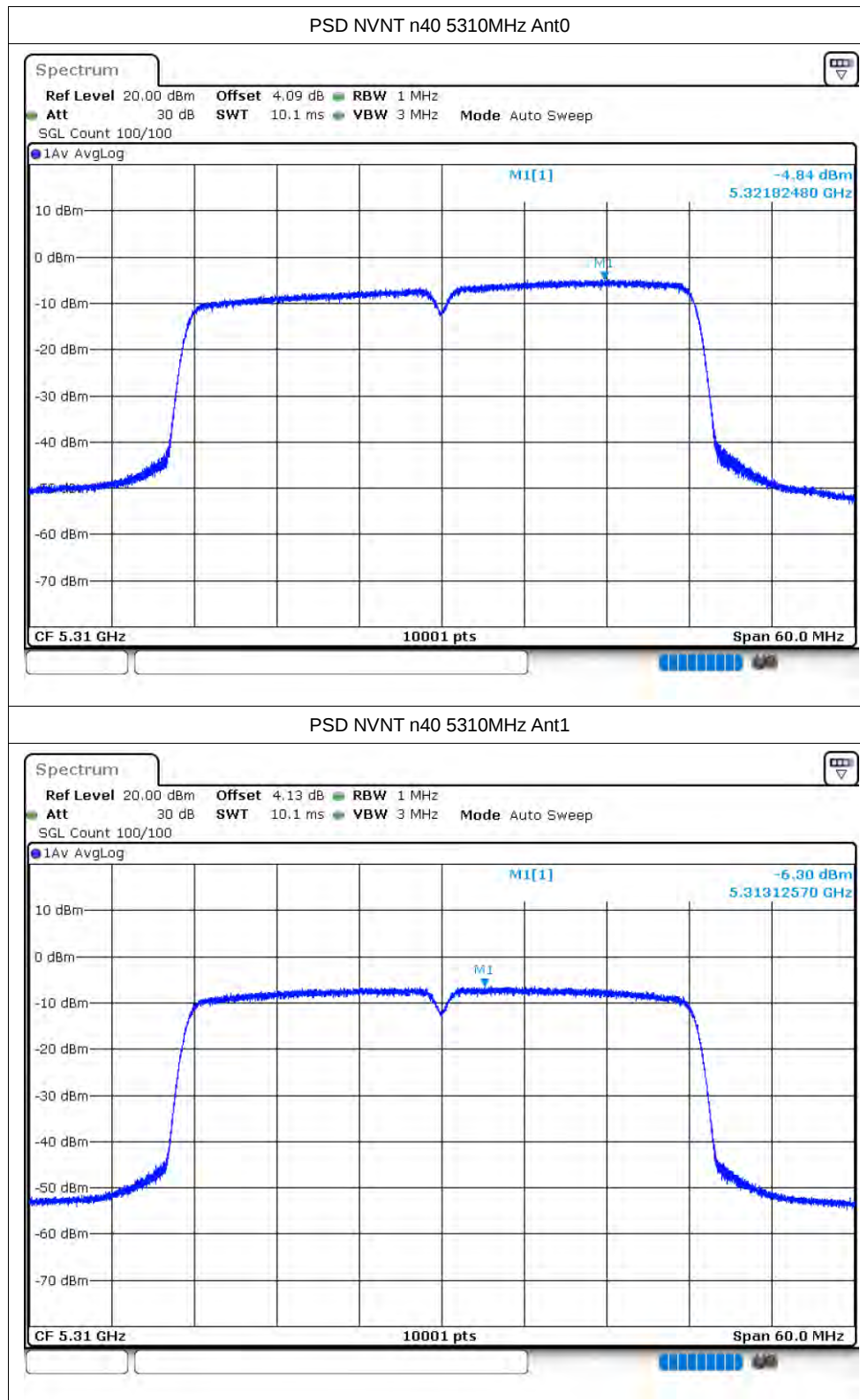












Band Edge

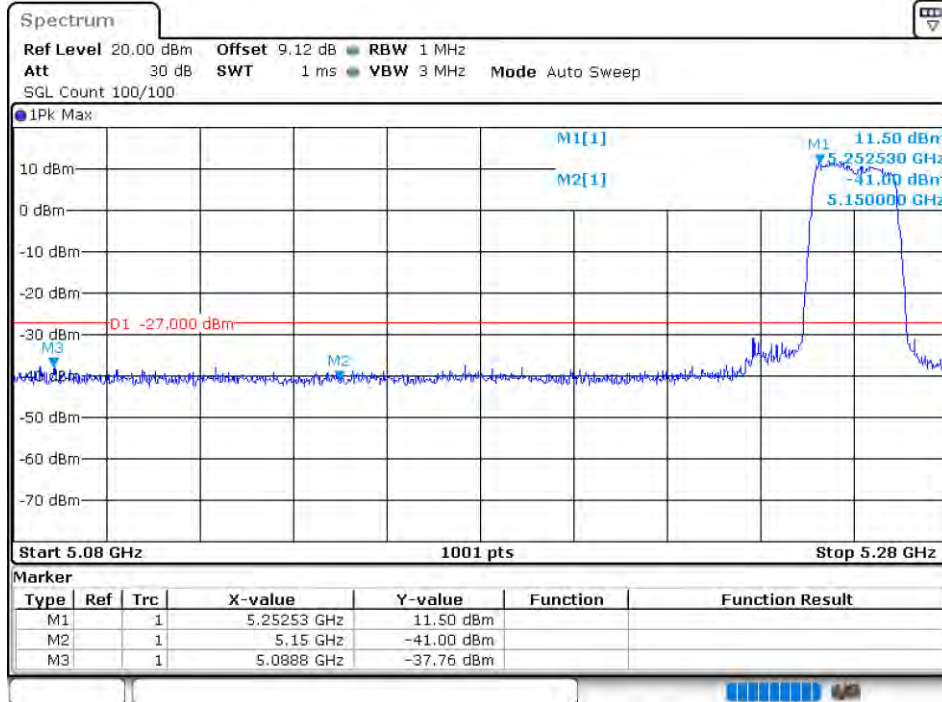
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5260	Ant1	-37.75	-27	Pass
NVNT	ac20	5260	Ant2	-36.75	-27	Pass
NVNT	ac20	5320	Ant1	-36.2	-27	Pass
NVNT	ac20	5320	Ant2	-36.56	-27	Pass
NVNT	ac40	5270	Ant1	-37.95	-27	Pass
NVNT	ac40	5270	Ant2	-37.09	-27	Pass
NVNT	ac40	5310	Ant1	-36.69	-27	Pass
NVNT	ac40	5310	Ant2	-36.98	-27	Pass
NVNT	ac80	5290	Ant1	-37.94	-27	Pass
NVNT	ac80	5290	Ant2	-37.81	-27	Pass
NVNT	ac80	5290	Ant1	-36.56	-27	Pass
NVNT	ac80	5290	Ant2	-37.13	-27	Pass
NVNT	n20	5260	Ant1	-37.37	-27	Pass
NVNT	n20	5260	Ant2	-36.06	-27	Pass
NVNT	n20	5320	Ant1	-37.31	-27	Pass
NVNT	n20	5320	Ant2	-36.46	-27	Pass
NVNT	n40	5270	Ant1	-38.1	-27	Pass
NVNT	n40	5270	Ant2	-36.63	-27	Pass
NVNT	n40	5310	Ant1	-37.13	-27	Pass
NVNT	n40	5310	Ant2	-36.98	-27	Pass

Note: 1) This test has increased antenna gain .

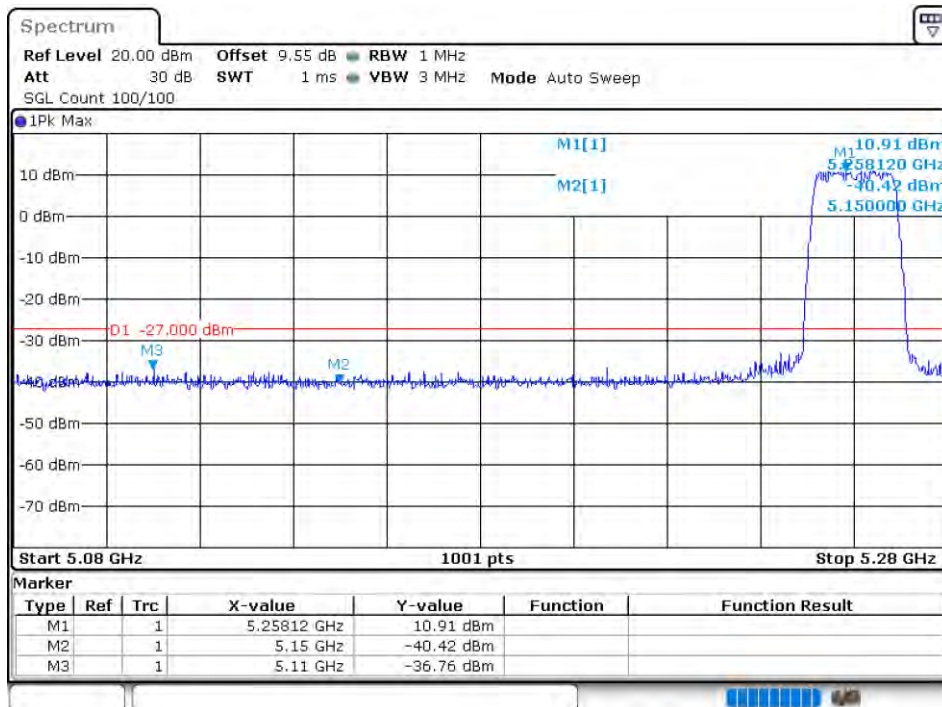
2) The ANT 1& ANT 2 both has 3dB margin below the limit, so the MIMO mode is passed.

Test Graphs

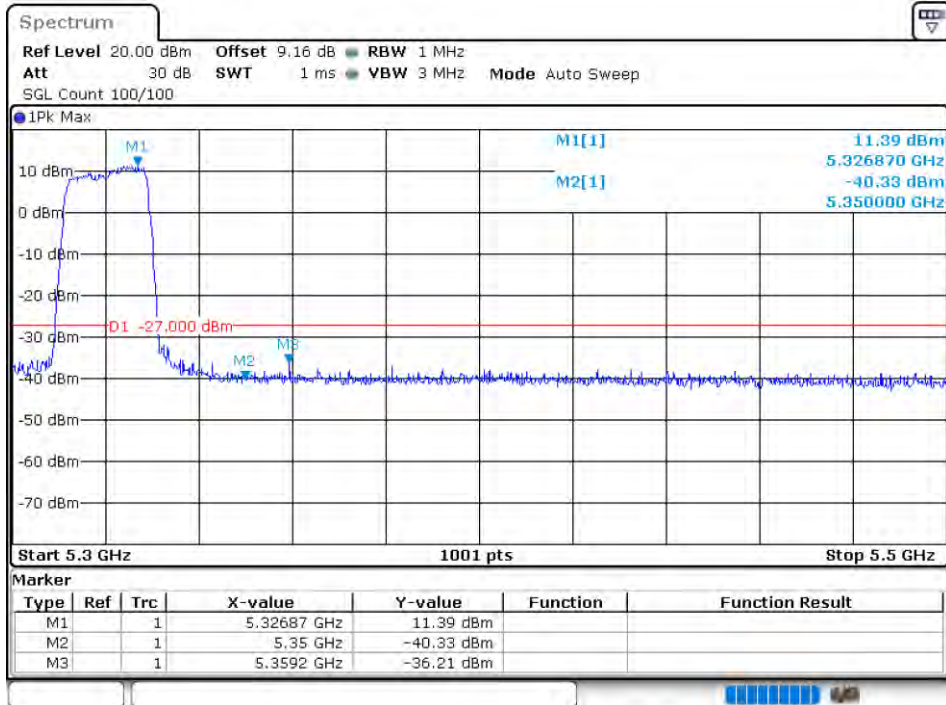
Band Edge NVNT ac20 5260MHz Low Ant1



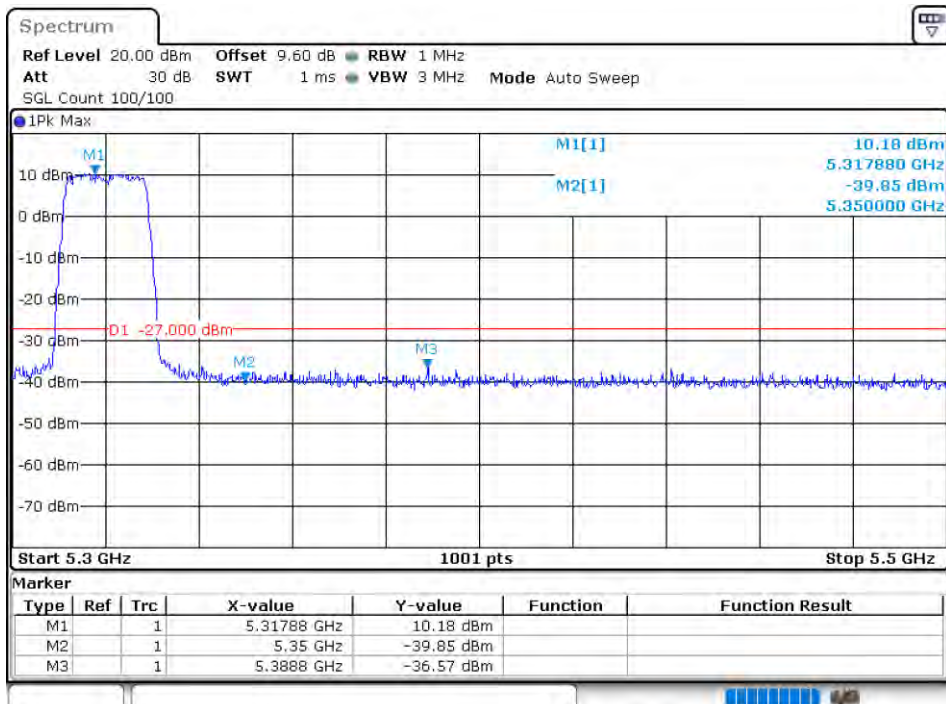
Band Edge NVNT ac20 5260MHz Low Ant2



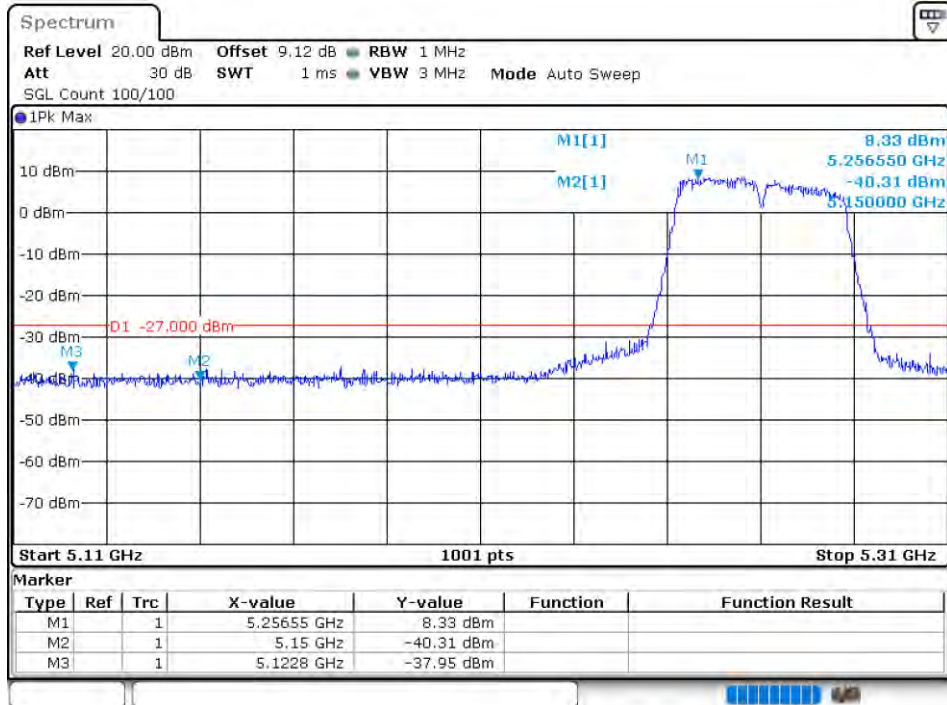
Band Edge NVNT ac20 5320MHz High Ant1



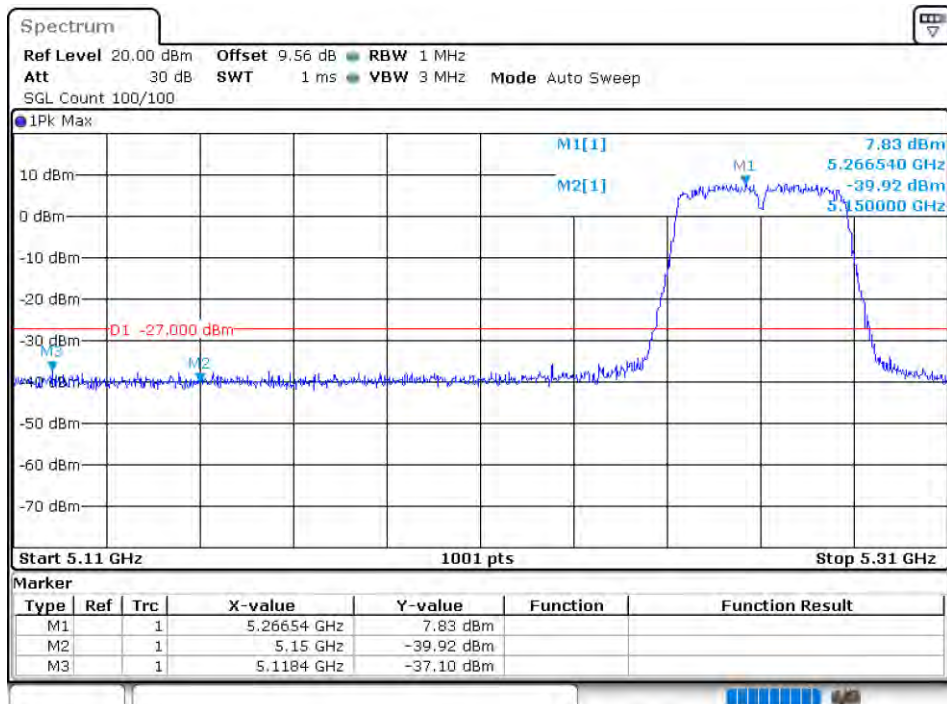
Band Edge NVNT ac20 5320MHz High Ant2



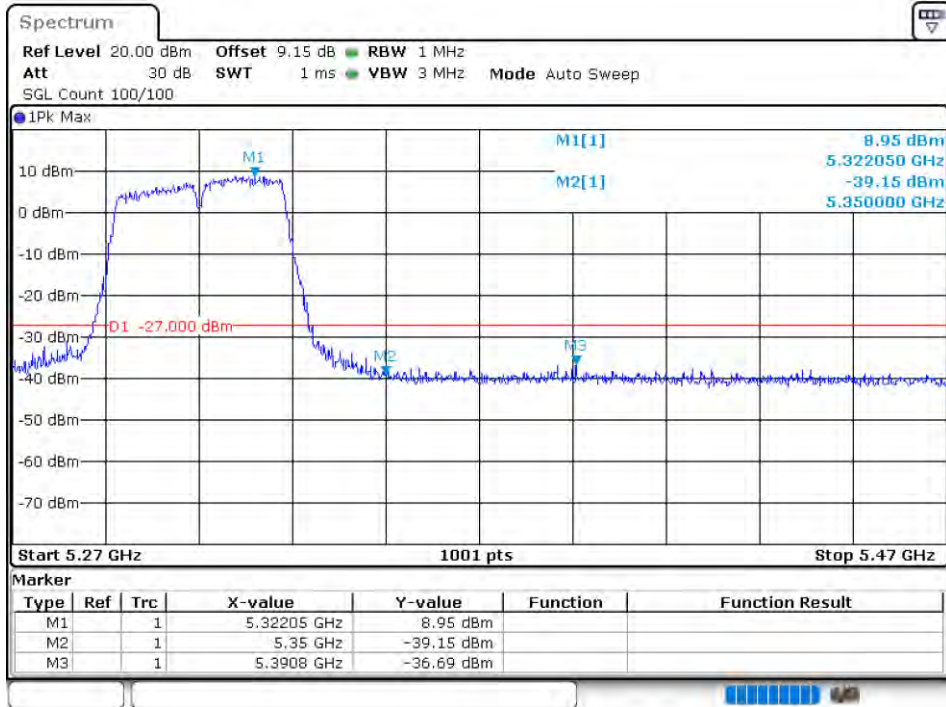
Band Edge NVNT ac40 5270MHz Low Ant1



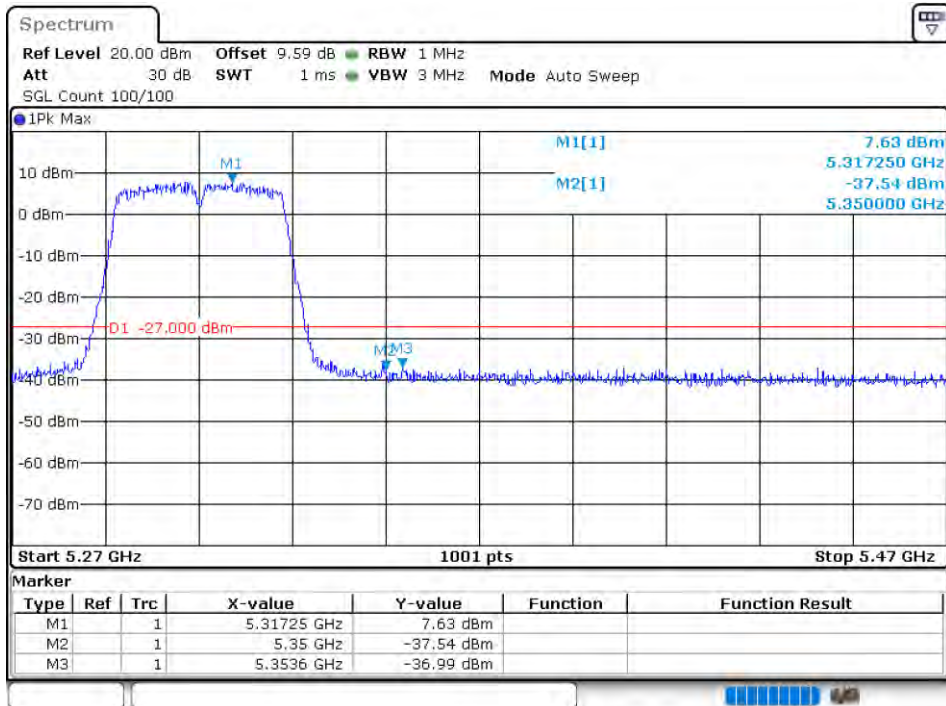
Band Edge NVNT ac40 5270MHz Low Ant2



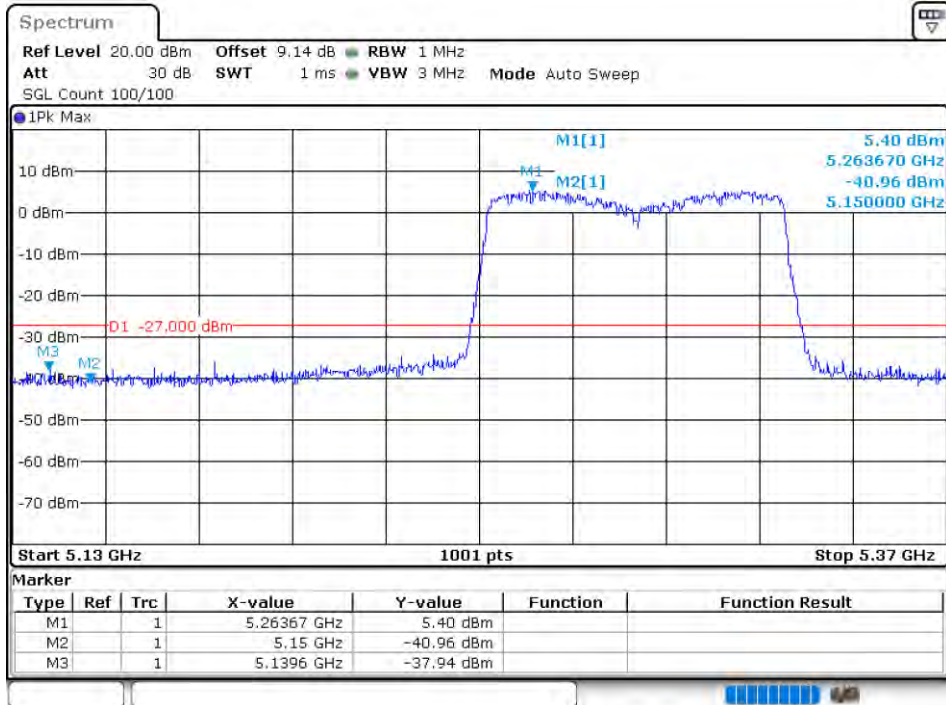
Band Edge NVNT ac40 5310MHz High Ant1



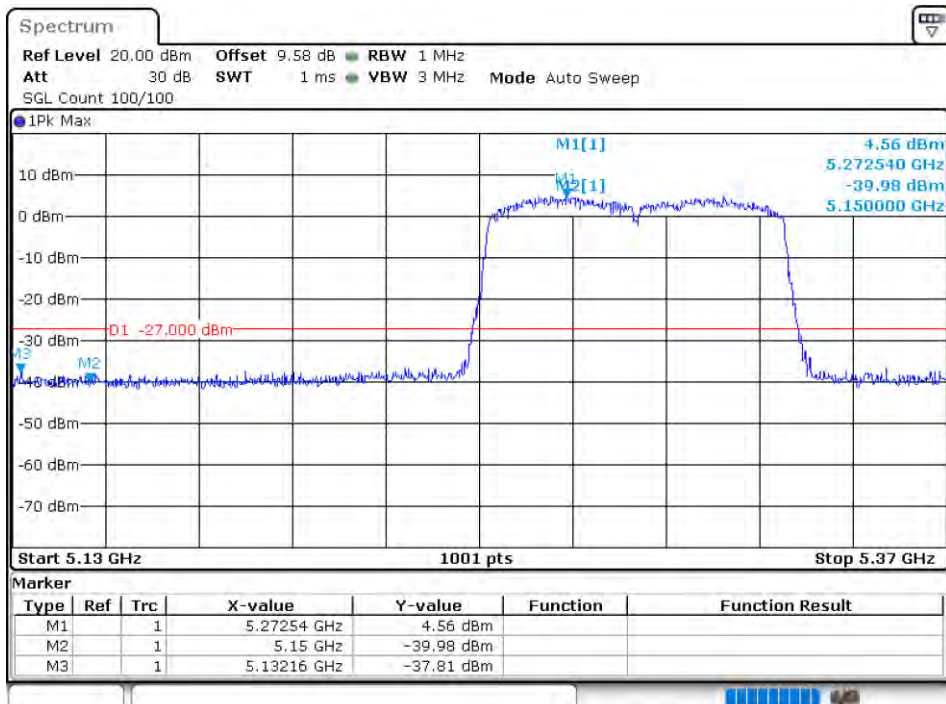
Band Edge NVNT ac40 5310MHz High Ant2



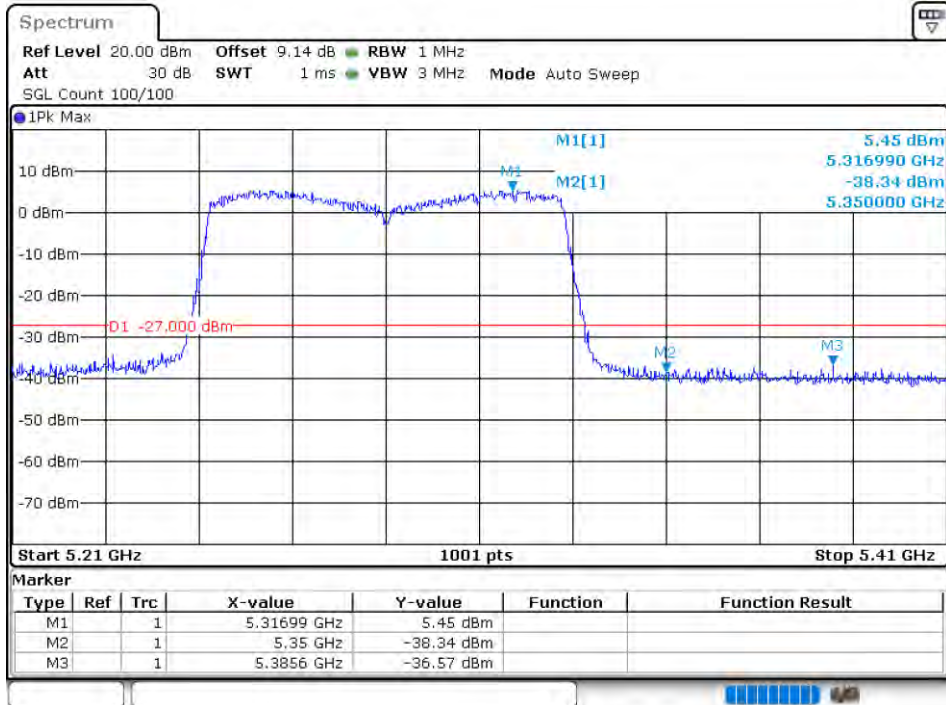
Band Edge NVNT ac80 5290MHz Low Ant1



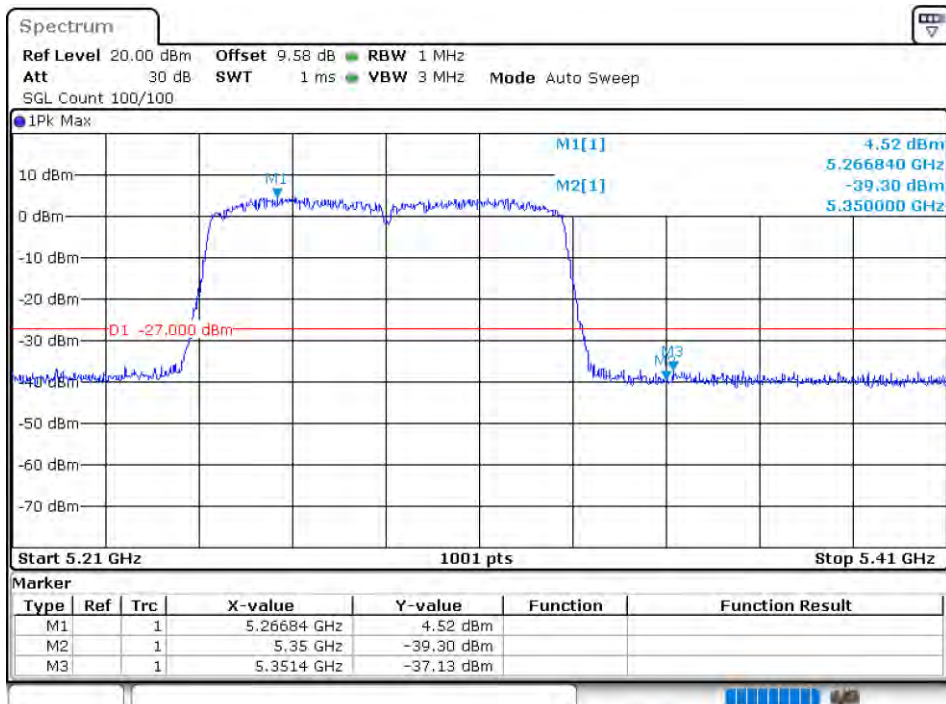
Band Edge NVNT ac80 5290MHz Low Ant2



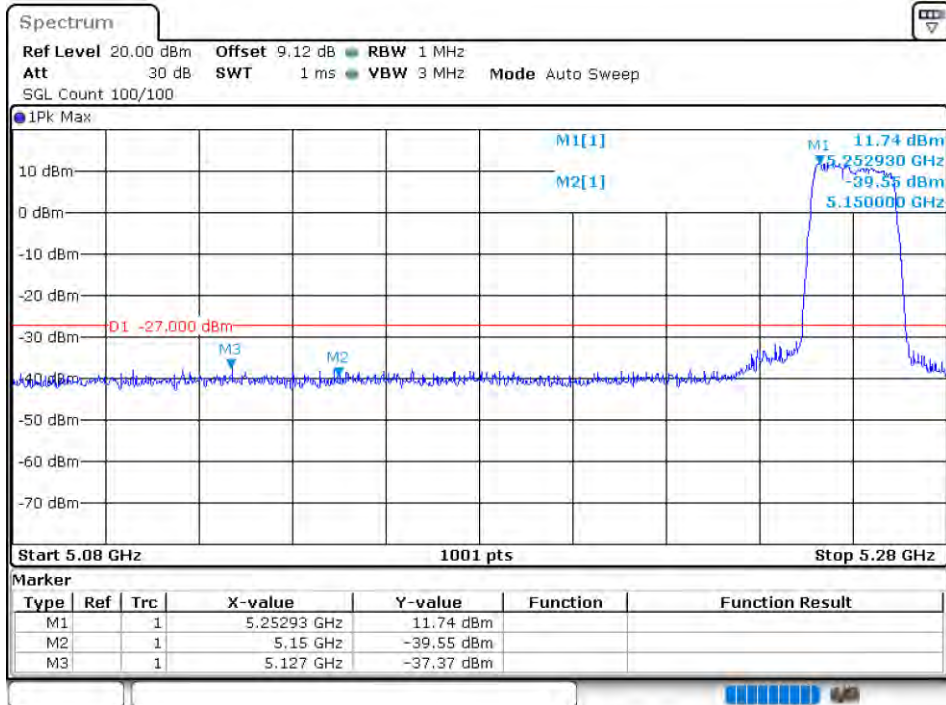
Band Edge NVNT ac80 5290MHz High Ant1



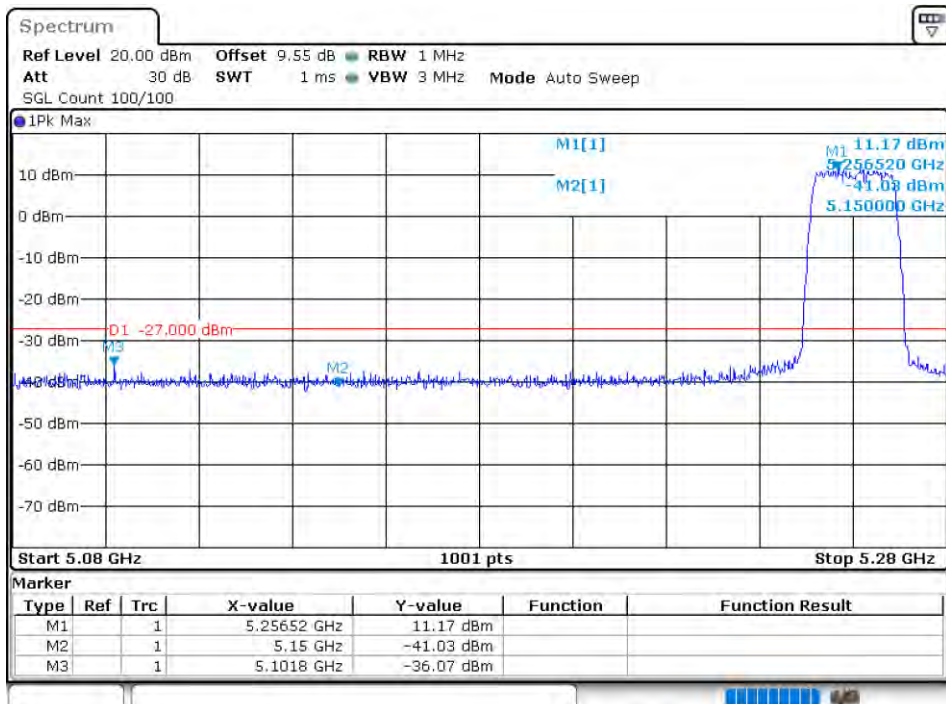
Band Edge NVNT ac80 5290MHz High Ant2



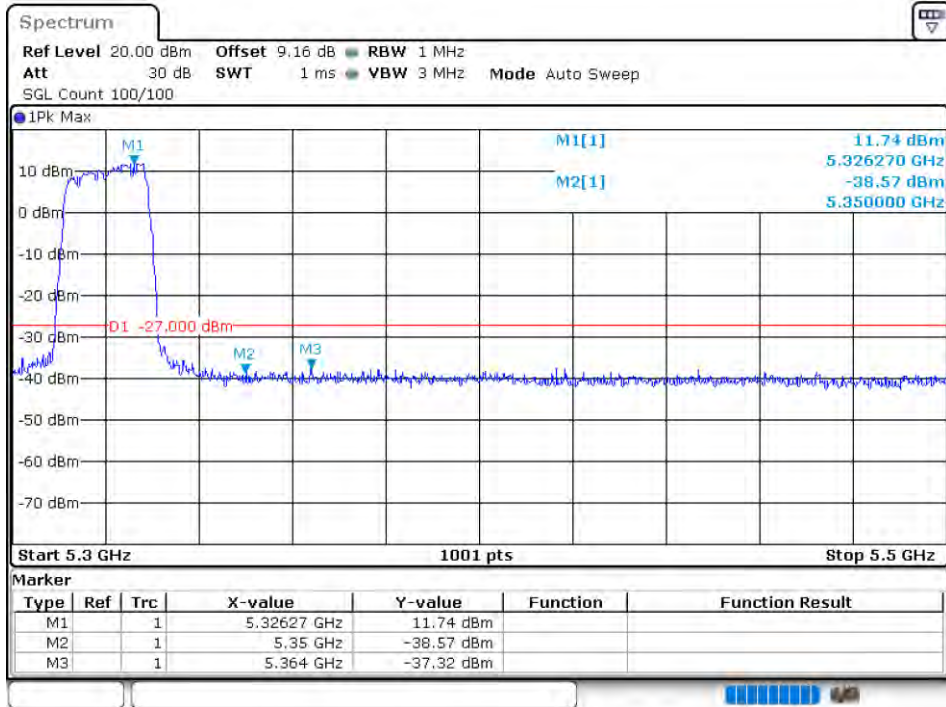
Band Edge NVNT n20 5260MHz Low Ant1



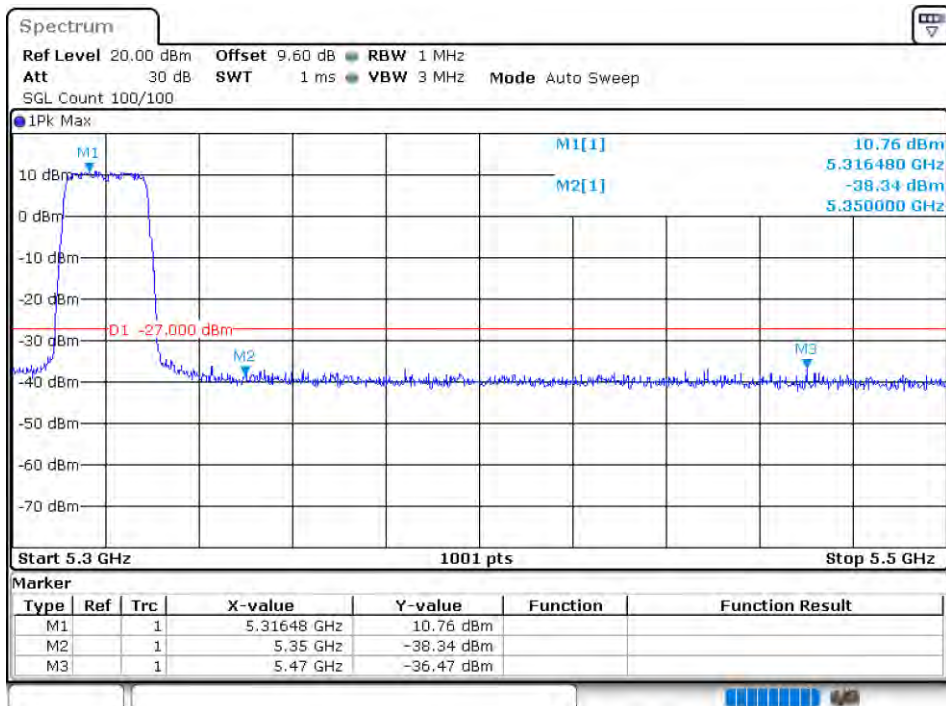
Band Edge NVNT n20 5260MHz Low Ant2



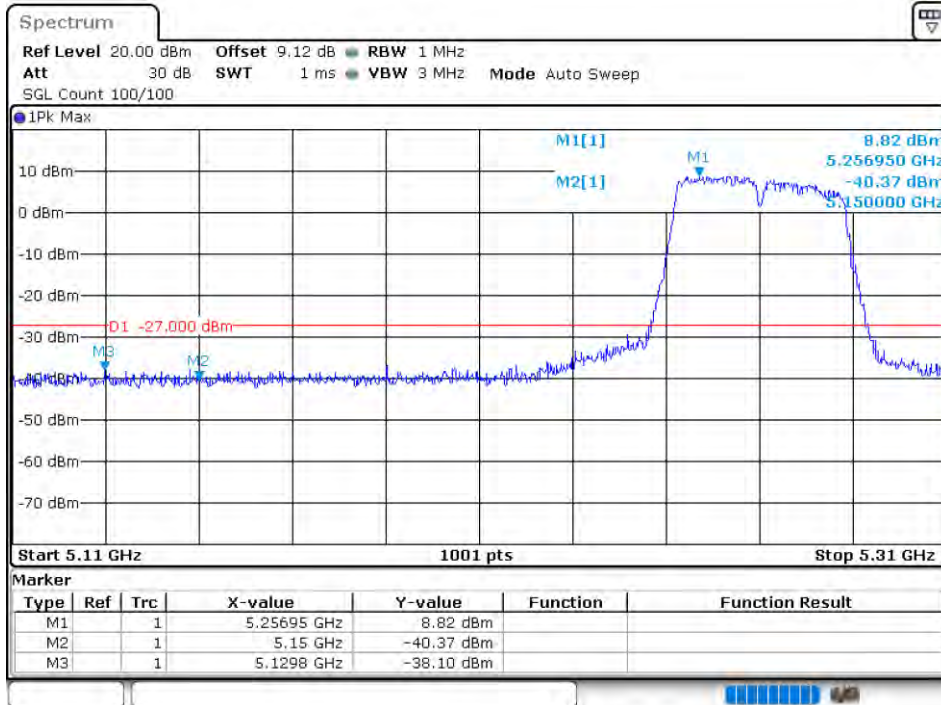
Band Edge NVNT n20 5320MHz High Ant1



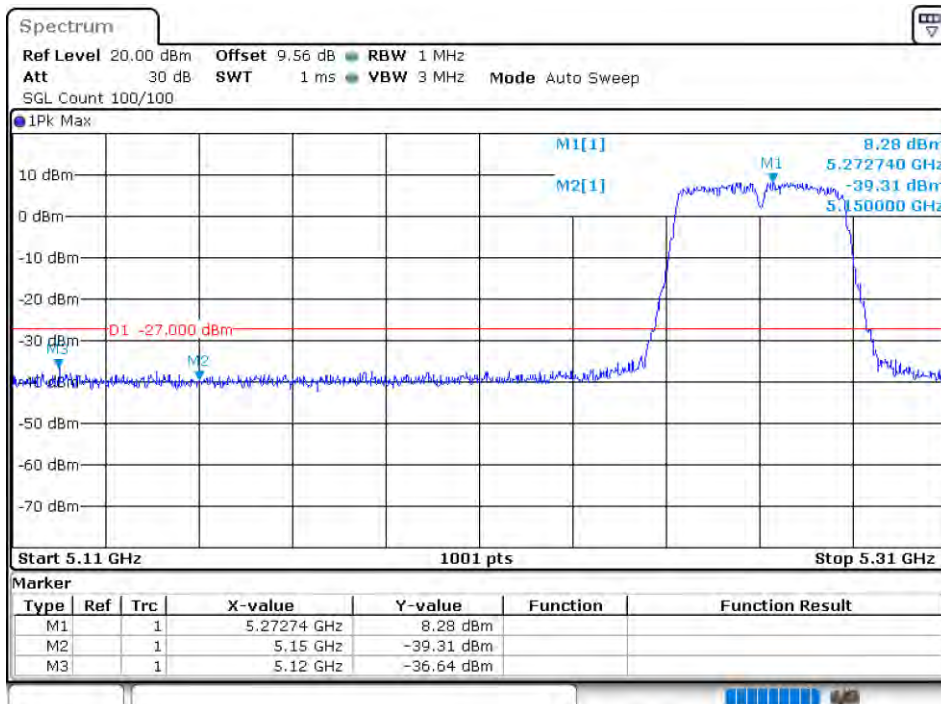
Band Edge NVNT n20 5320MHz High Ant2



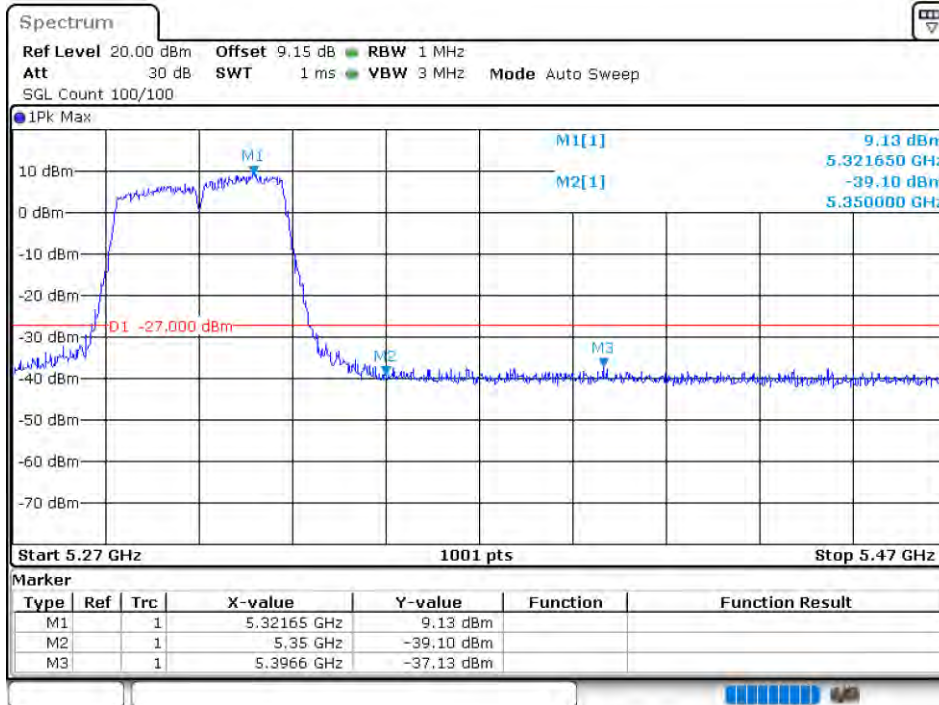
Band Edge NVNT n40 5270MHz Low Ant1



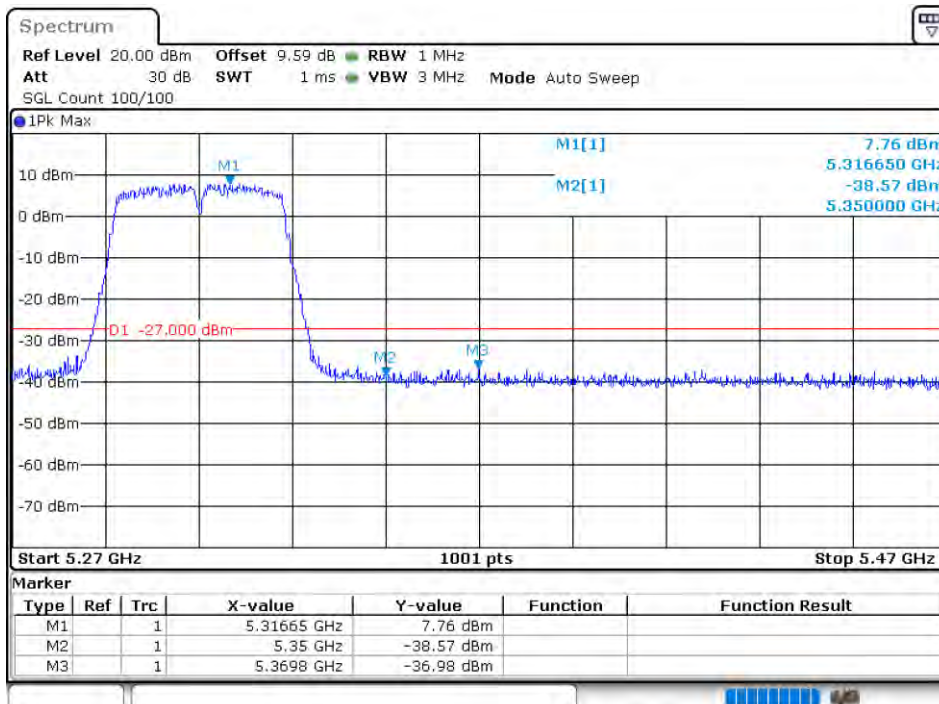
Band Edge NVNT n40 5270MHz Low Ant2



Band Edge NVNT n40 5310MHz High Ant1



Band Edge NVNT n40 5310MHz High Ant2



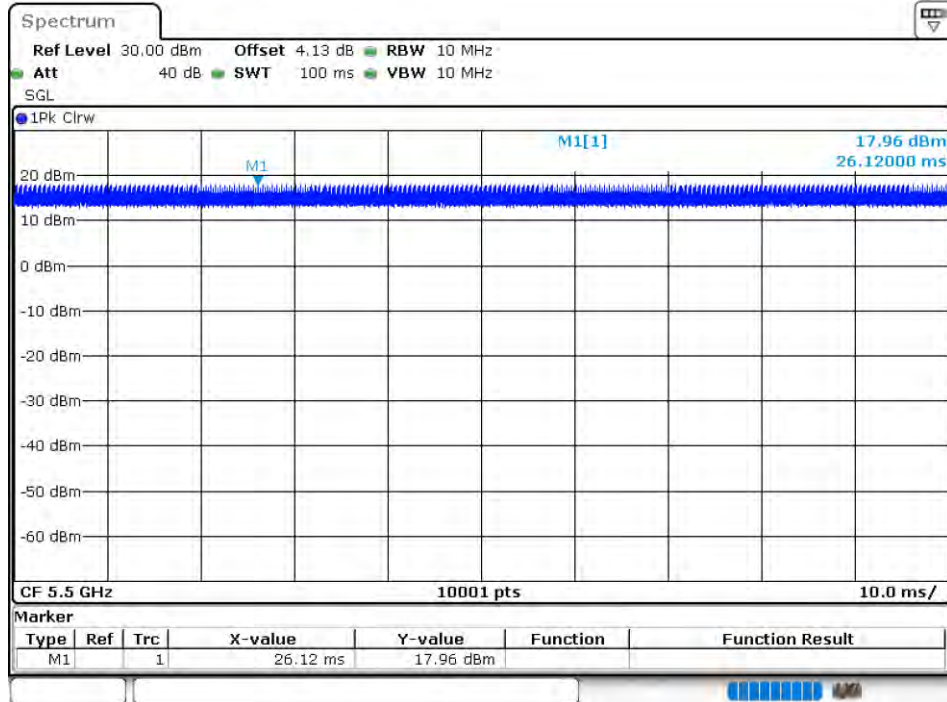
5.6G WIFI

Duty Cycle

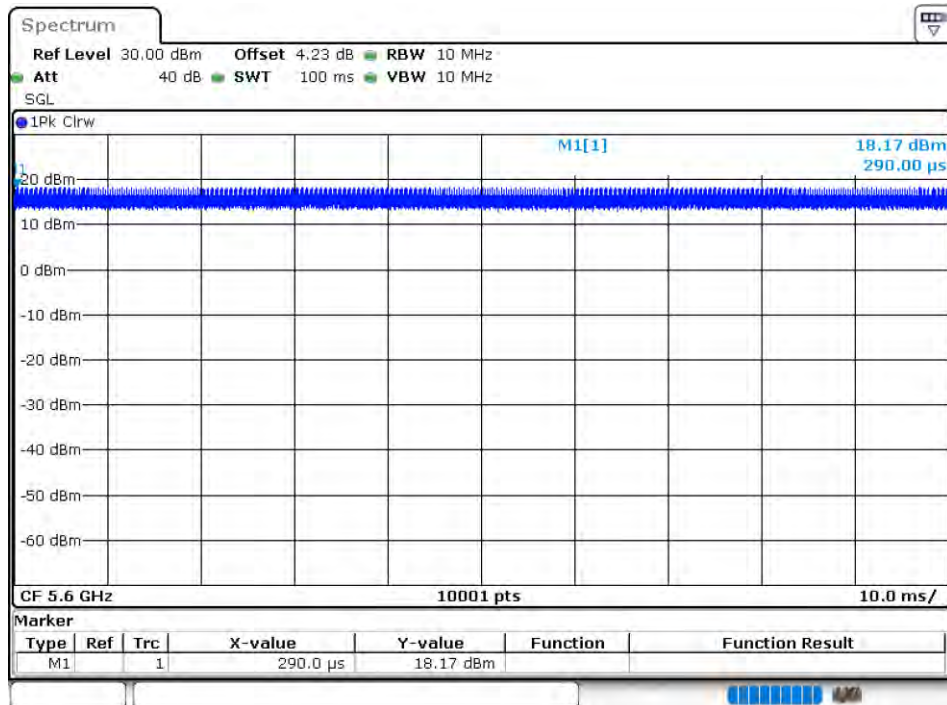
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant0	100	0	0
NVNT	a	5600	Ant0	100	0	0
NVNT	a	5700	Ant0	100	0	0
NVNT	a	5500	Ant1	100	0	0
NVNT	a	5600	Ant1	100	0	0
NVNT	a	5700	Ant1	100	0	0
NVNT	n20	5500	Ant0	100	0	0
NVNT	n20	5600	Ant0	100	0	0
NVNT	n20	5700	Ant0	100	0	0
NVNT	n20	5500	Ant1	100	0	0
NVNT	n20	5600	Ant1	100	0	0
NVNT	n20	5700	Ant1	100	0	0
NVNT	n40	5510	Ant0	100	0	0
NVNT	n40	5590	Ant0	100	0	0
NVNT	n40	5670	Ant0	100	0	0
NVNT	n40	5510	Ant1	100	0	0
NVNT	n40	5590	Ant1	100	0	0
NVNT	n40	5670	Ant1	100	0	0
NVNT	ac20	5500	Ant0	100	0	0
NVNT	ac20	5600	Ant0	100	0	0
NVNT	ac20	5700	Ant0	100	0	0
NVNT	ac20	5500	Ant1	100	0	0
NVNT	ac20	5600	Ant1	100	0	0
NVNT	ac20	5700	Ant1	100	0	0
NVNT	ac40	5510	Ant0	100	0	0
NVNT	ac40	5590	Ant0	100	0	0
NVNT	ac40	5670	Ant0	100	0	0
NVNT	ac40	5510	Ant1	100	0	0
NVNT	ac40	5590	Ant1	100	0	0
NVNT	ac40	5670	Ant1	100	0	0
NVNT	ac80	5530	Ant0	100	0	0
NVNT	ac80	5610	Ant0	100	0	0
NVNT	ac80	5530	Ant1	100	0	0
NVNT	ac80	5610	Ant1	100	0	0

Test Graphs

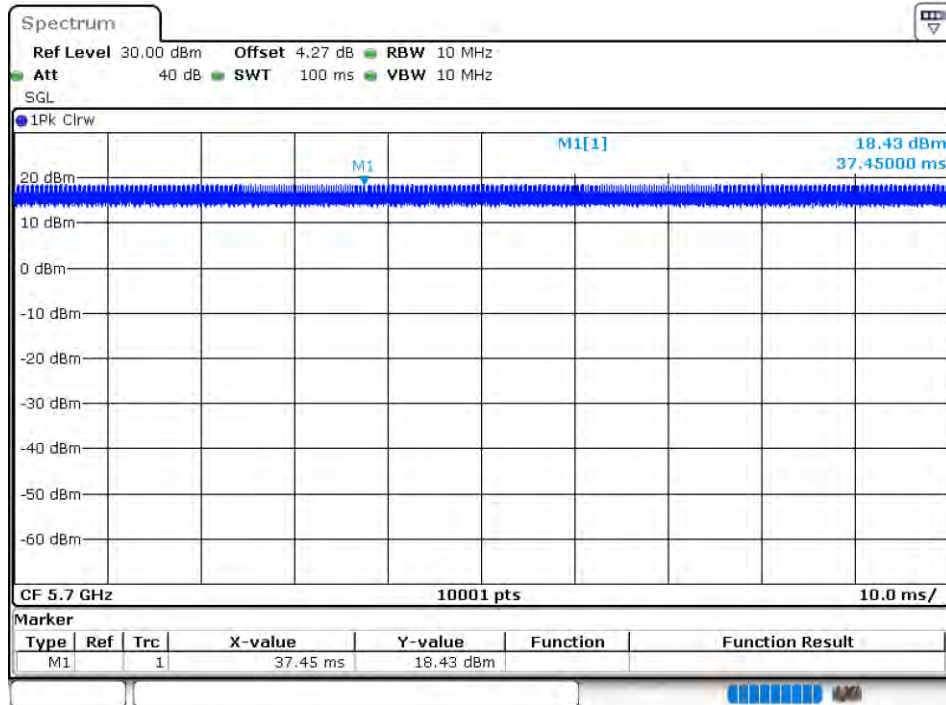
Duty Cycle NVNT a 5500MHz Ant0



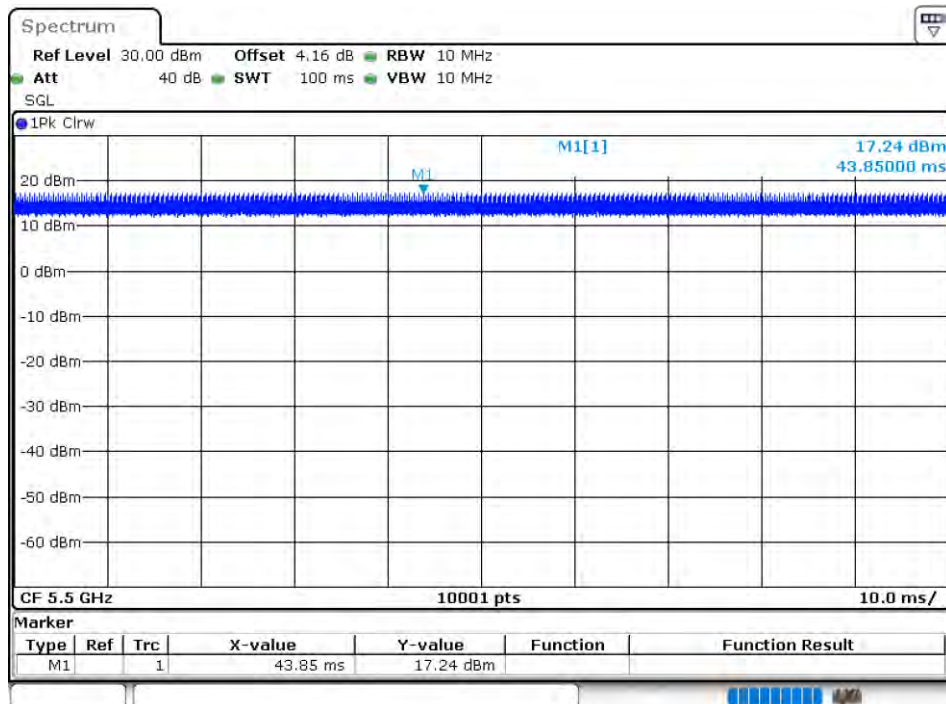
Duty Cycle NVNT a 5600MHz Ant0



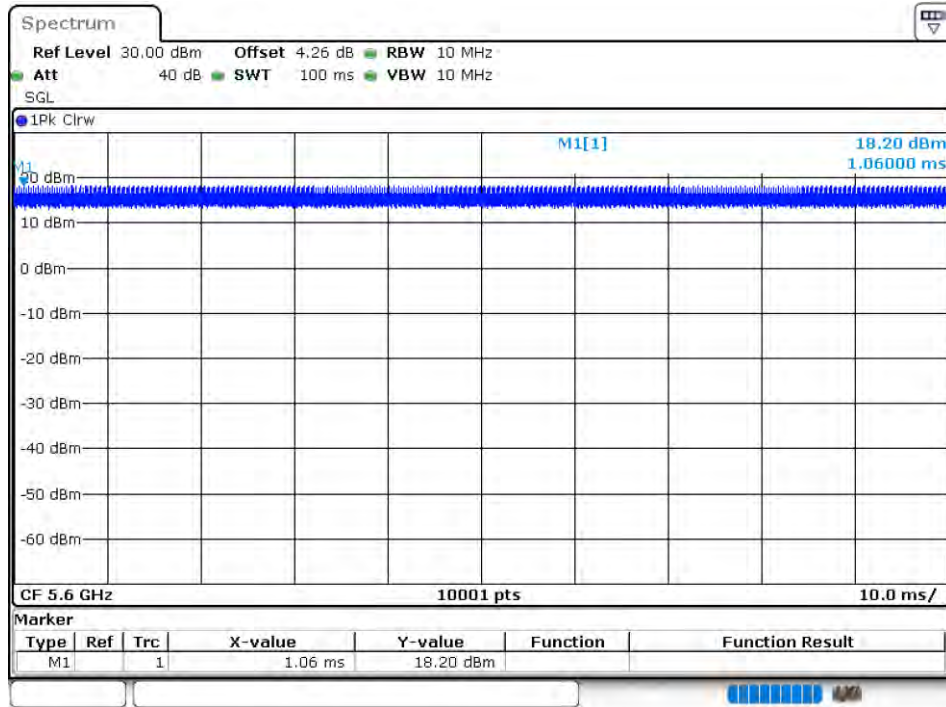
Duty Cycle NVNT a 5700MHz Ant0



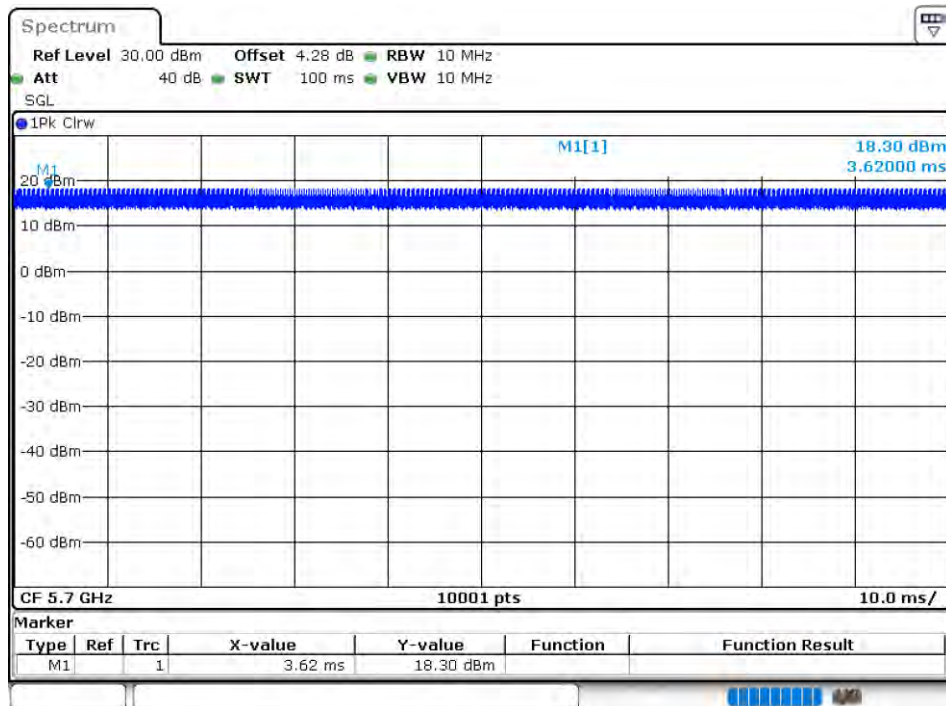
Duty Cycle NVNT a 5500MHz Ant1

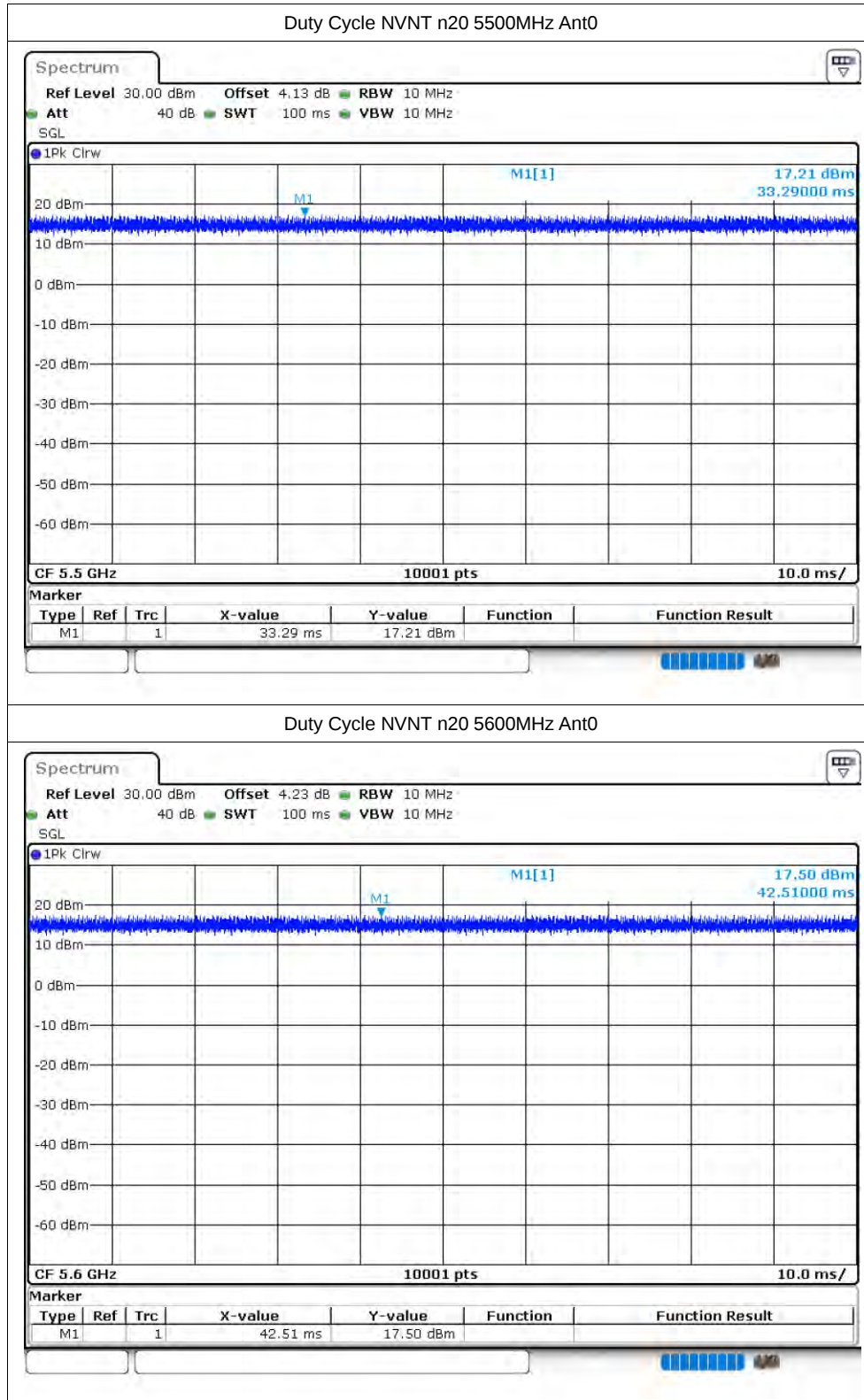


Duty Cycle NVNT a 5600MHz Ant1

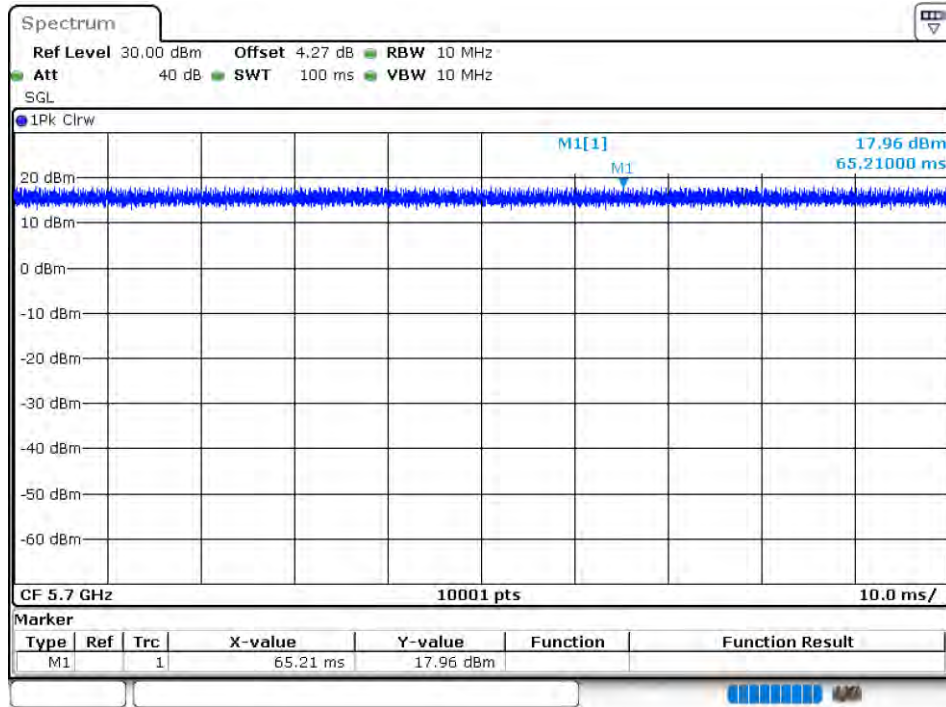


Duty Cycle NVNT a 5700MHz Ant1

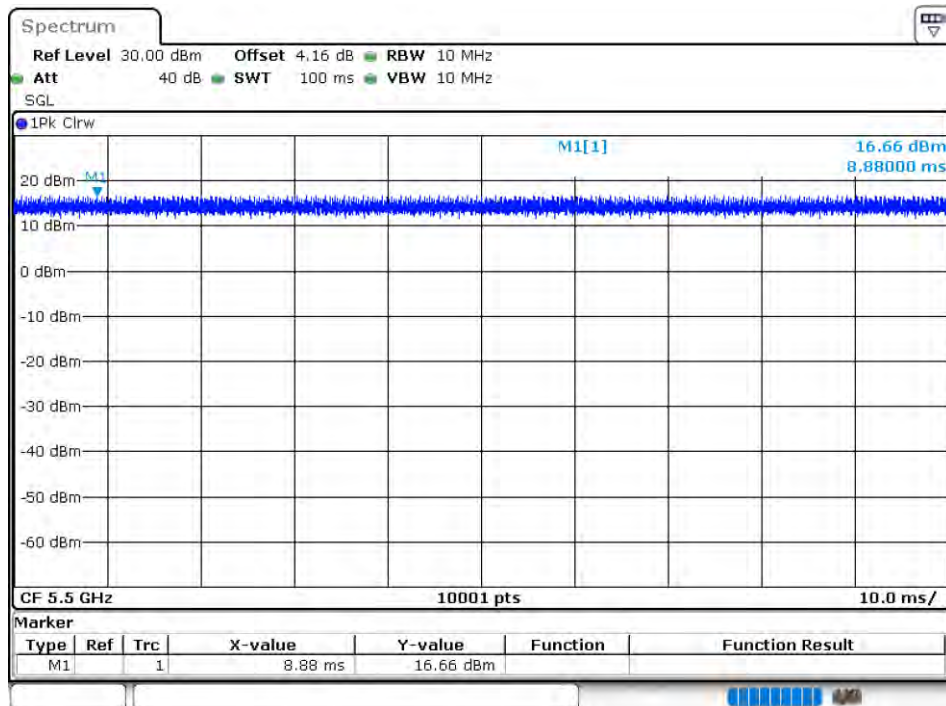


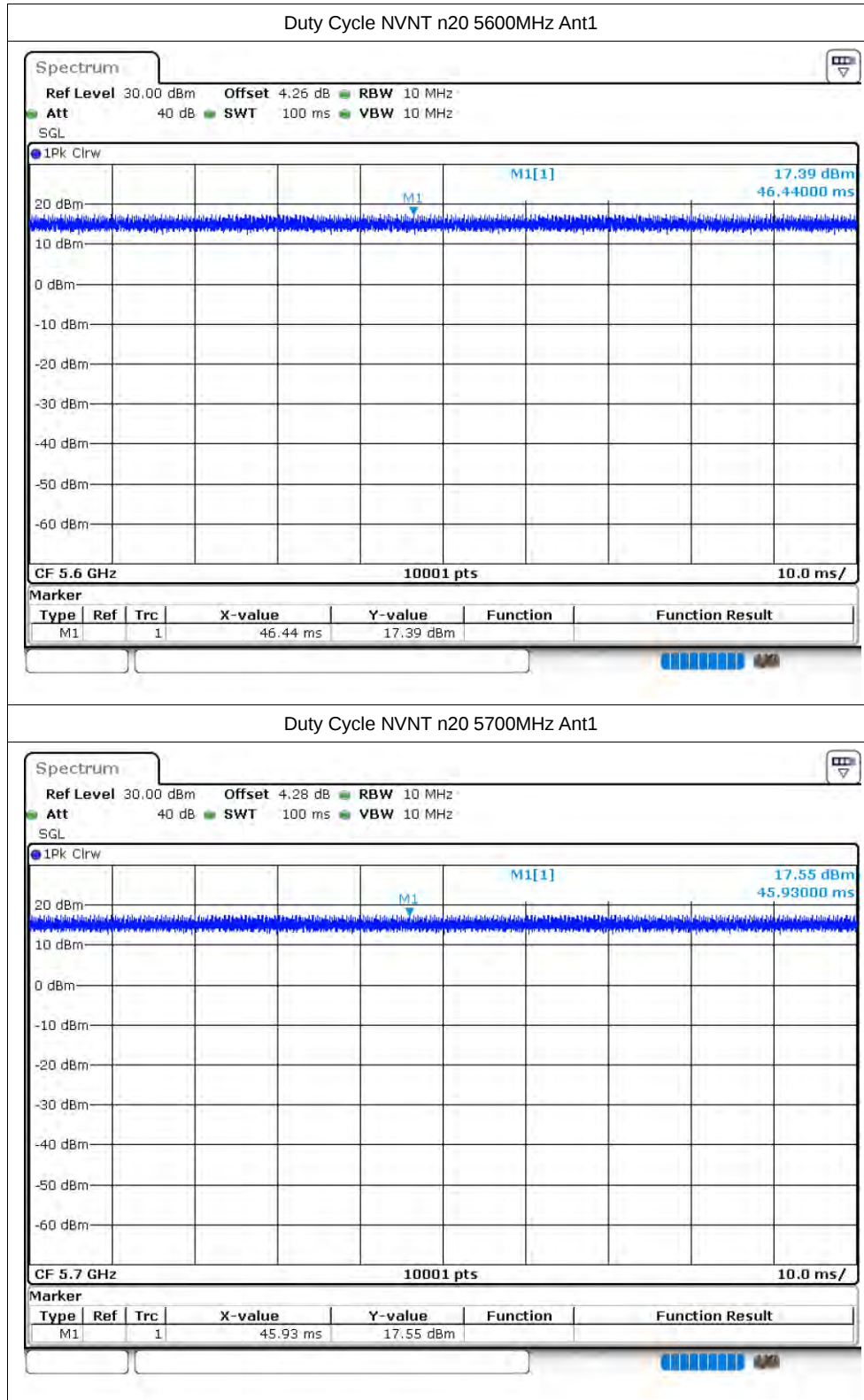


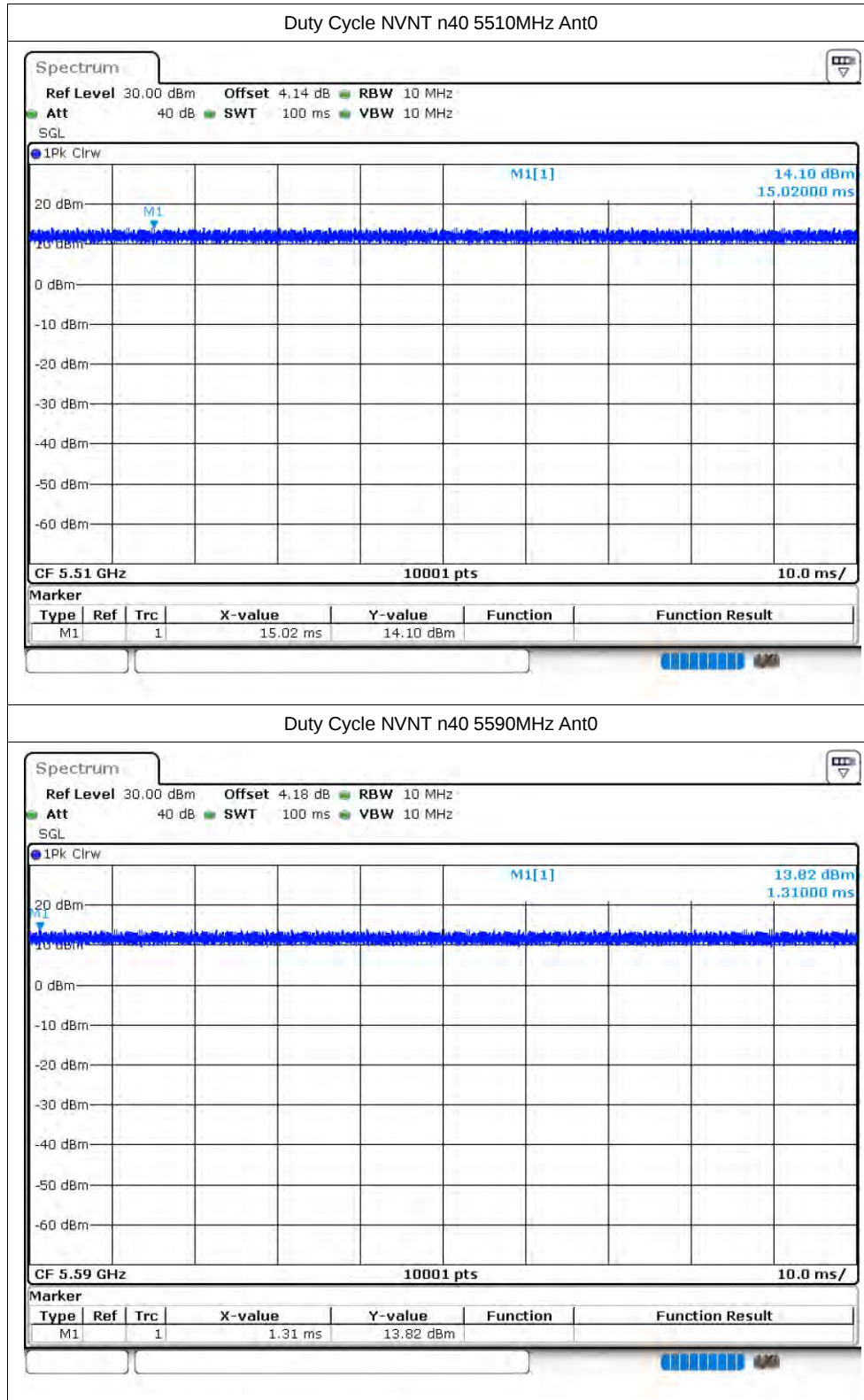
Duty Cycle NVNT n20 5700MHz Ant0



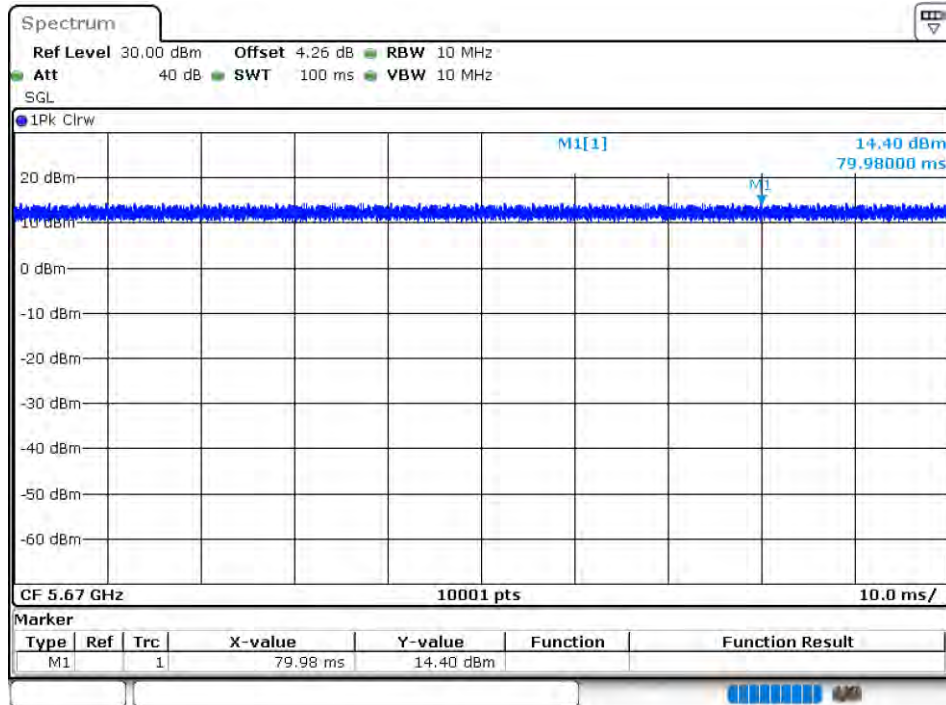
Duty Cycle NVNT n20 5500MHz Ant1



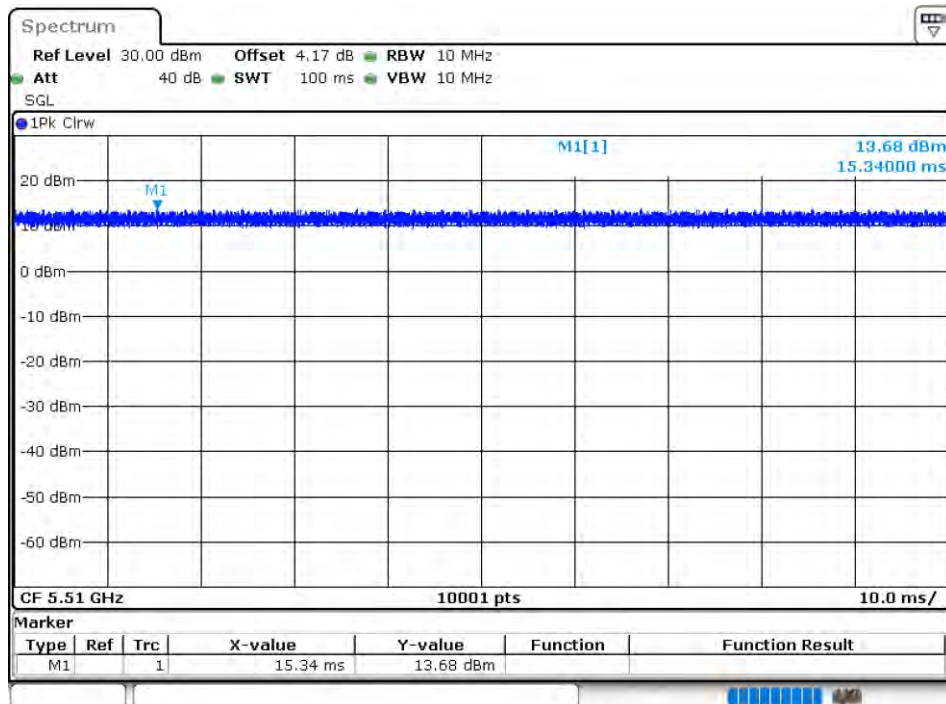


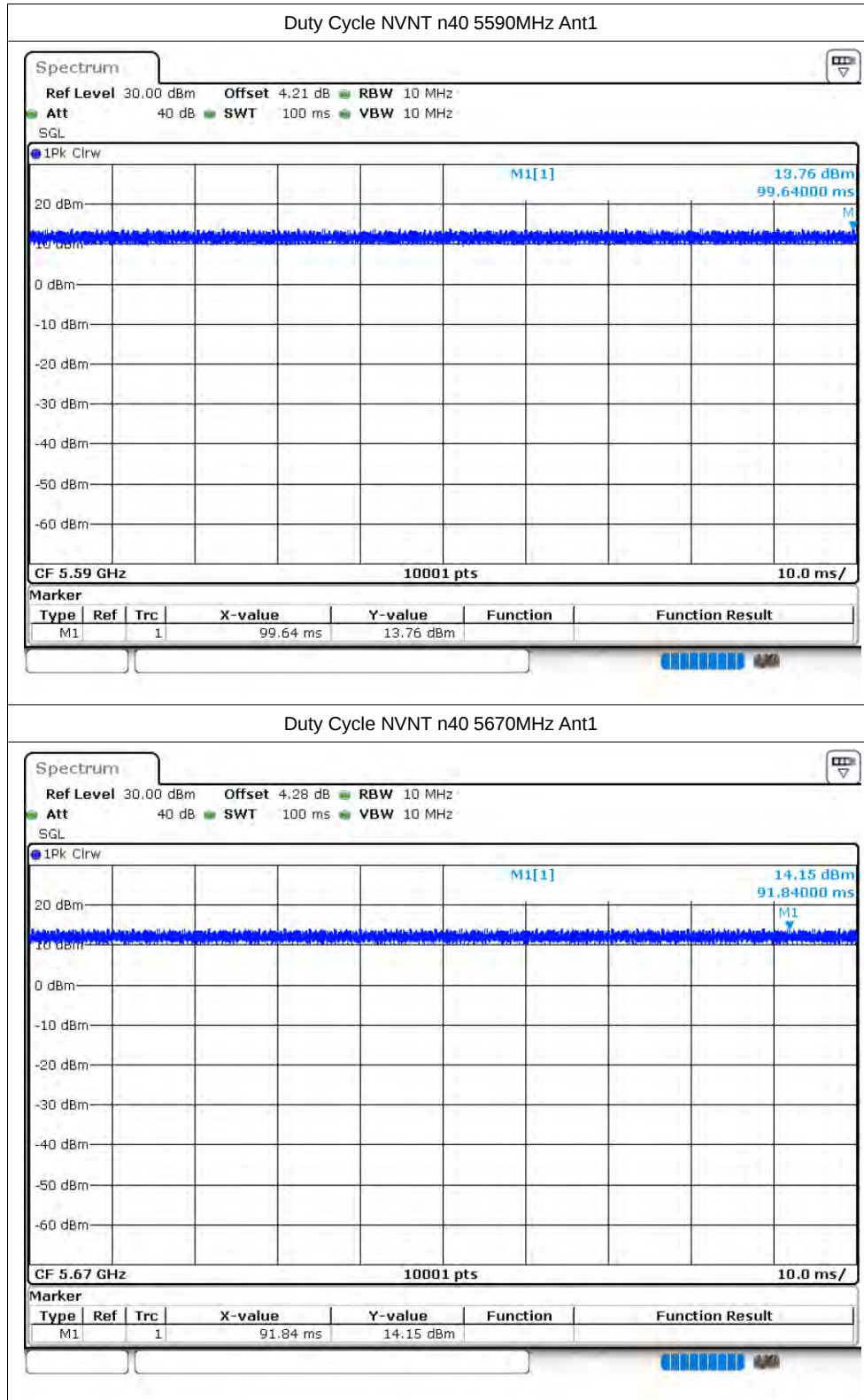


Duty Cycle NVNT n40 5670MHz Ant0

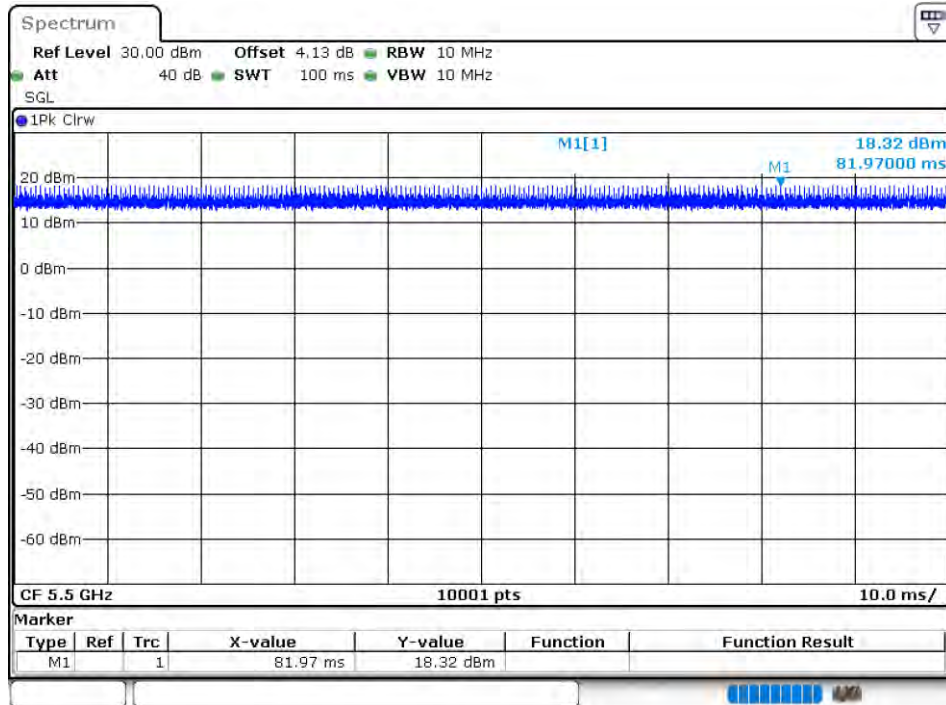


Duty Cycle NVNT n40 5510MHz Ant1

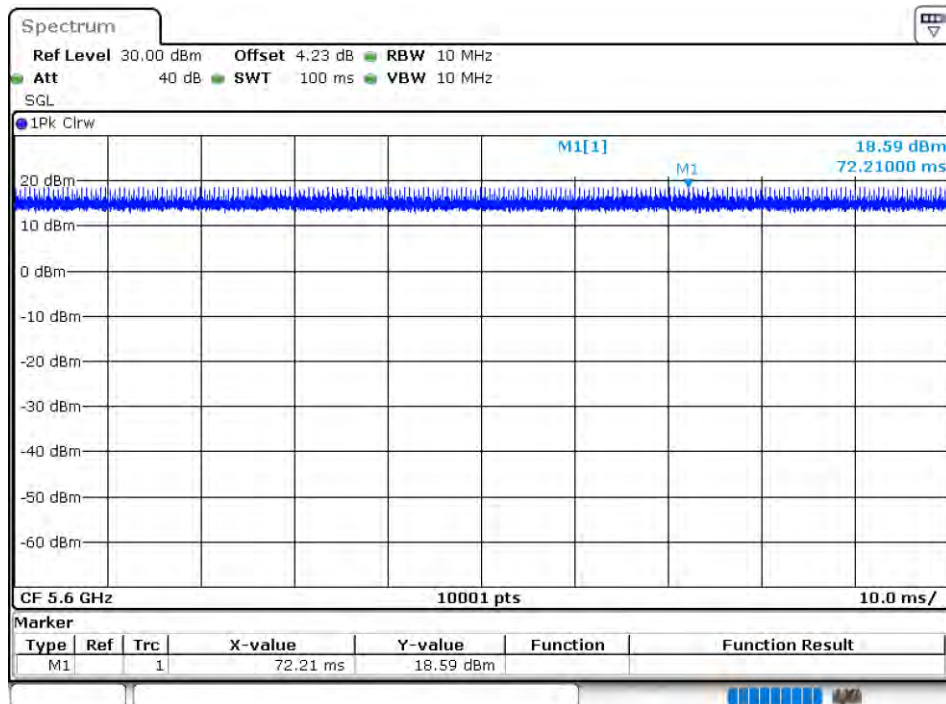


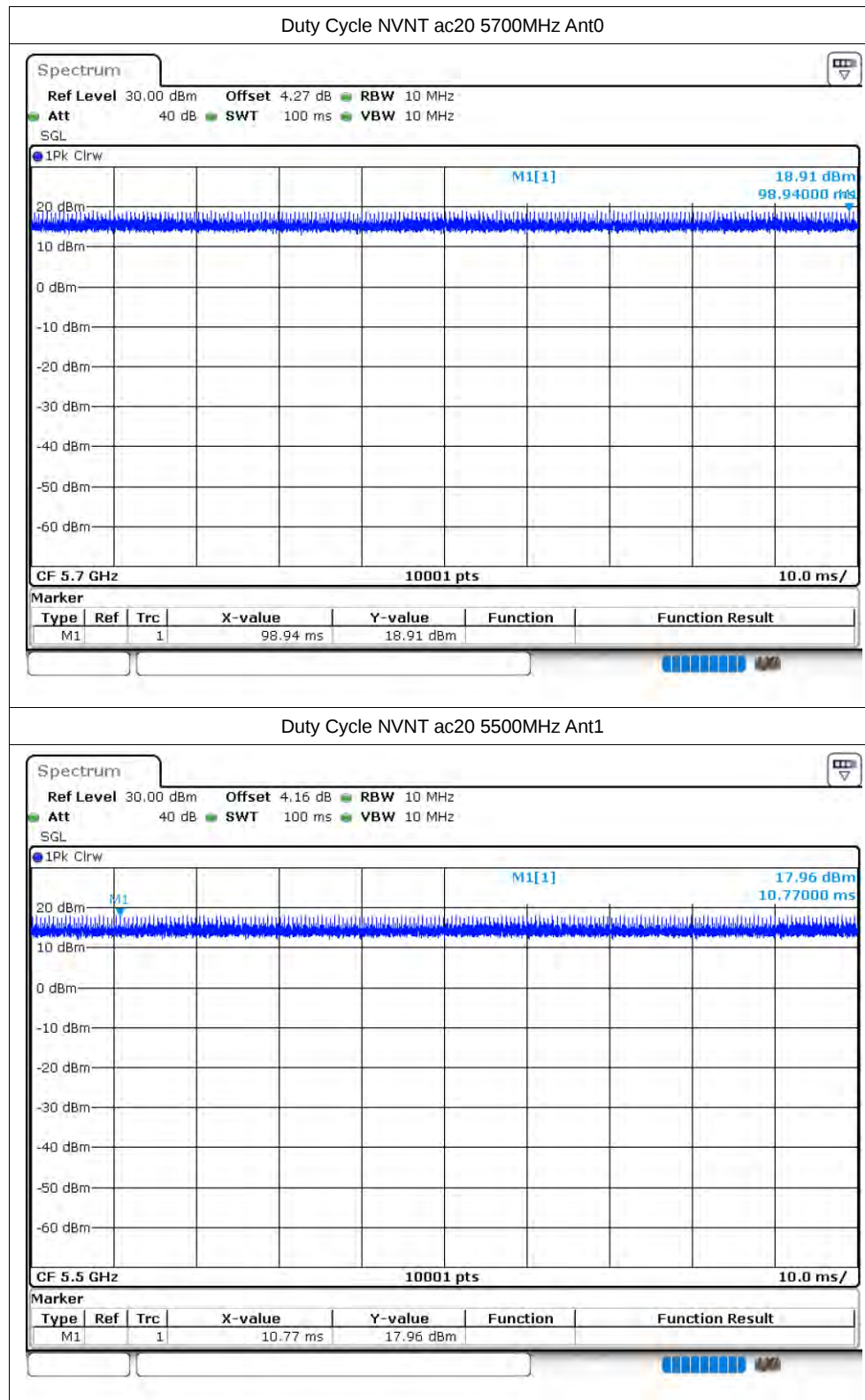


Duty Cycle NVNT ac20 5500MHz Ant0

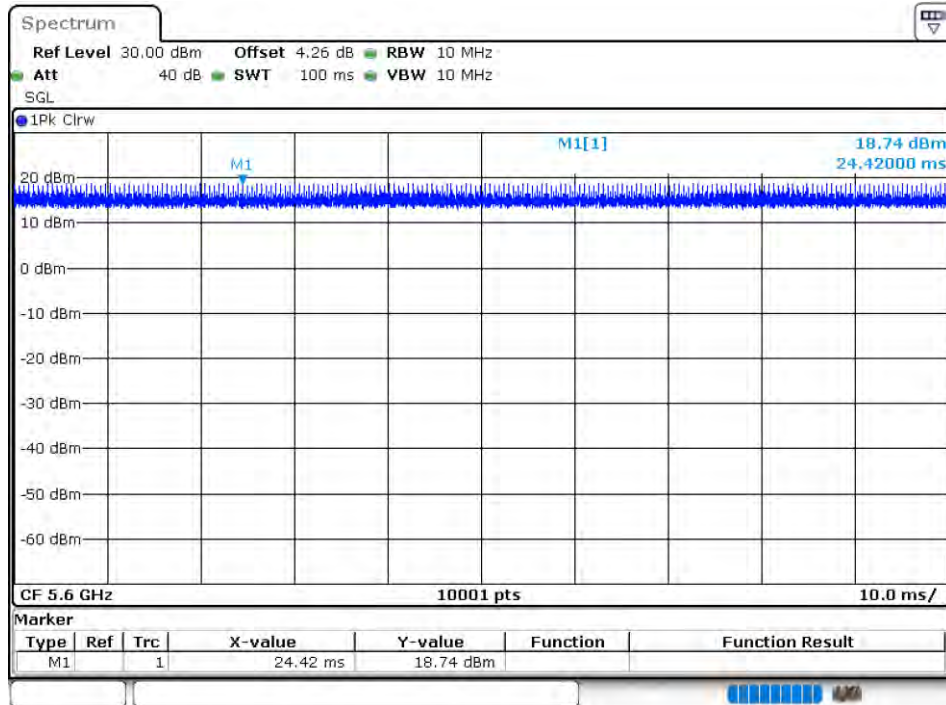


Duty Cycle NVNT ac20 5600MHz Ant0

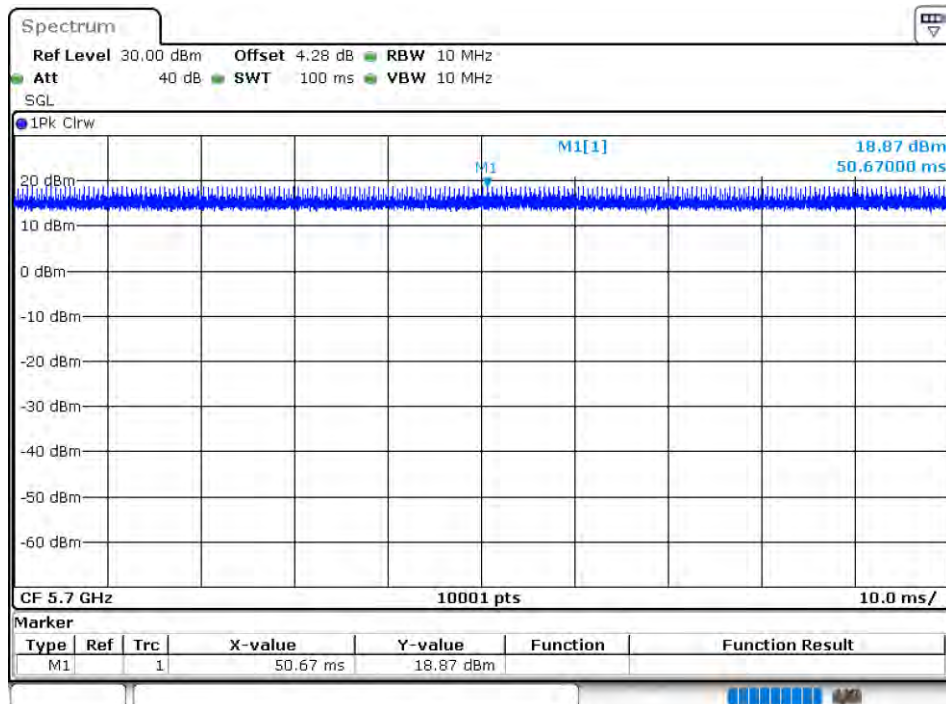


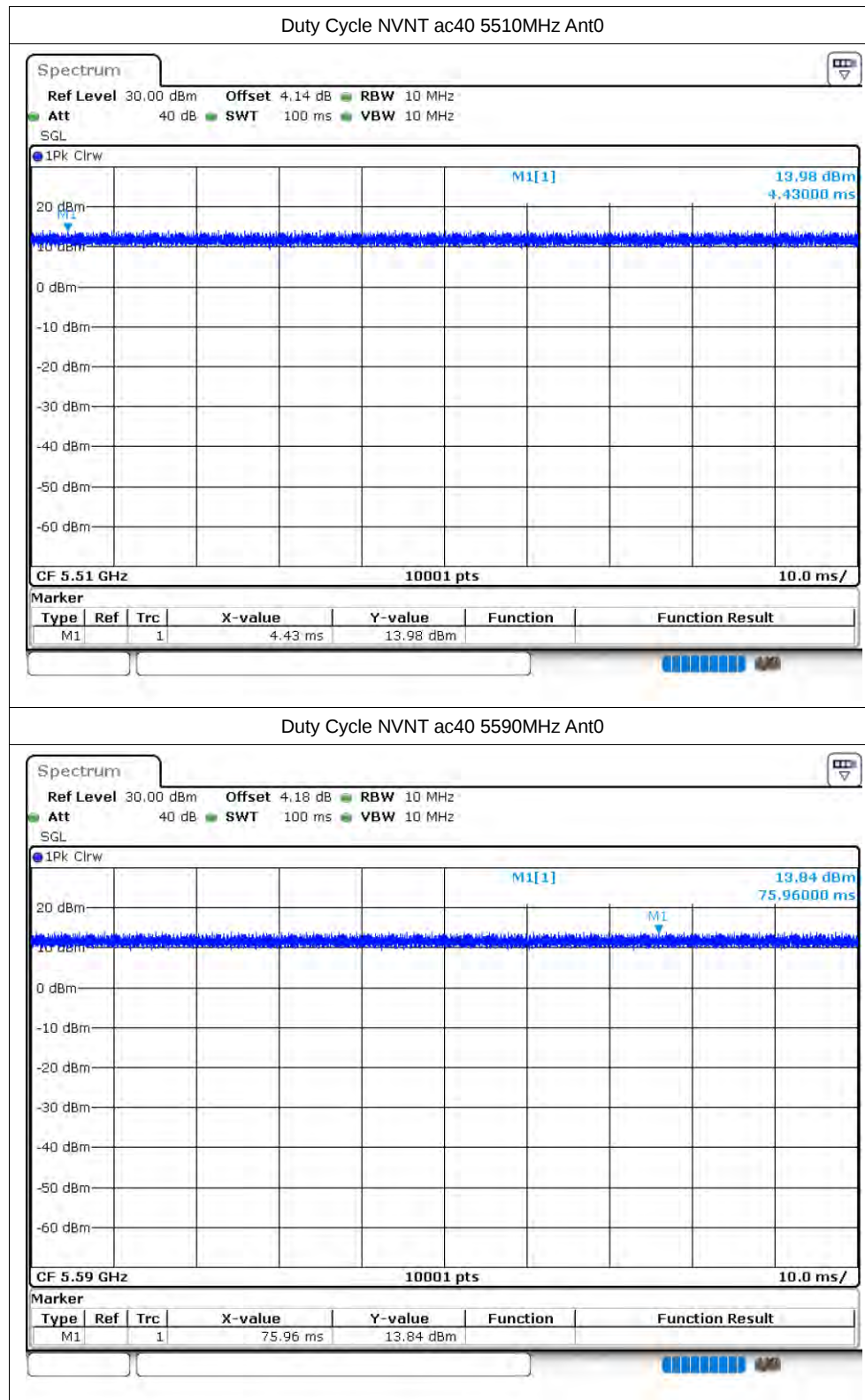


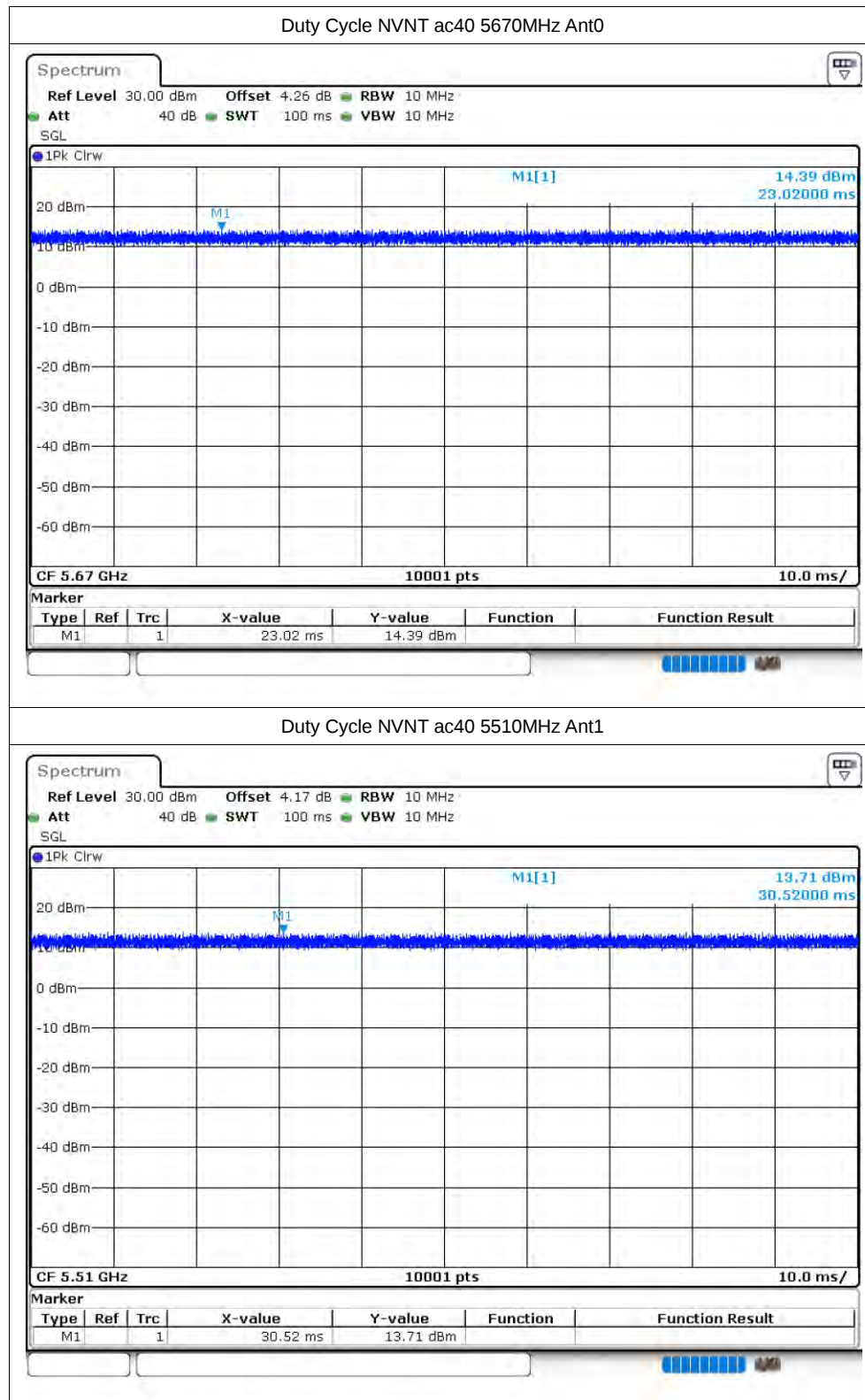
Duty Cycle NVNT ac20 5600MHz Ant1



Duty Cycle NVNT ac20 5700MHz Ant1





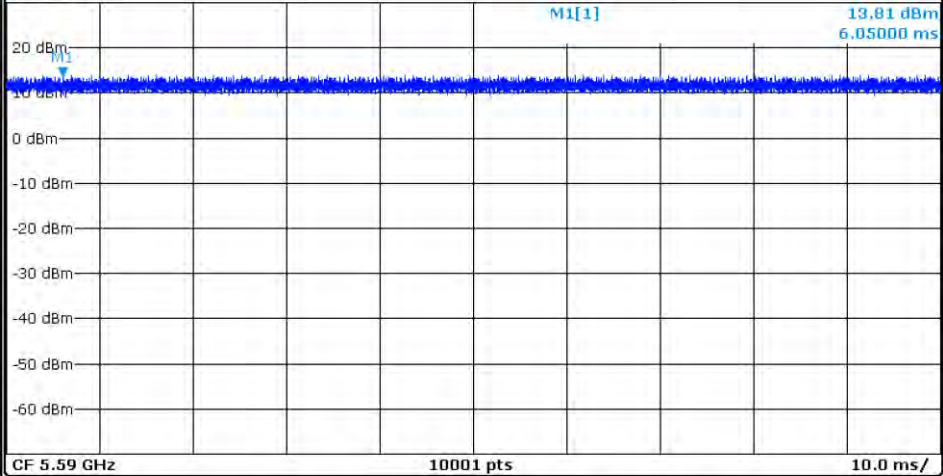


Duty Cycle NVNT ac40 5590MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.21 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

1Pk Clrw



Marker

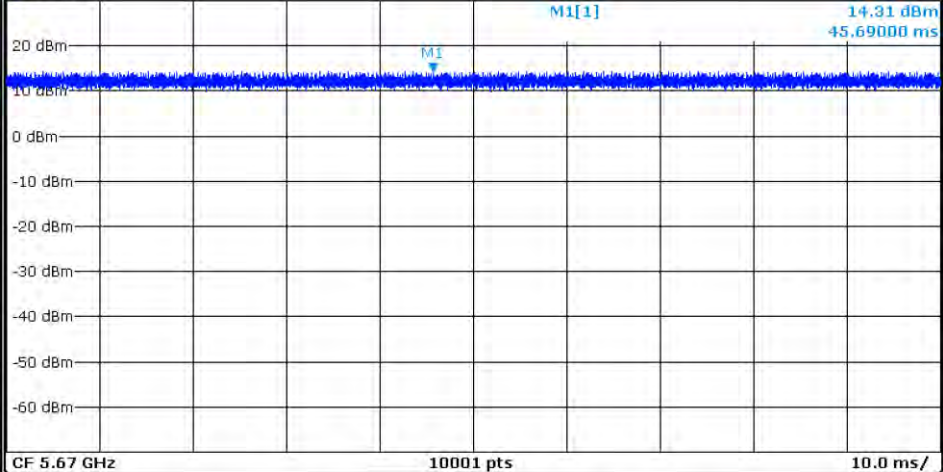
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.05 ms	13.81 dBm		

Duty Cycle NVNT ac40 5670MHz Ant1

Spectrum

Ref Level 30.00 dBm Offset 4.28 dB RBW 10 MHz
Att 40 dB SWT 100 ms VBW 10 MHz
SGL

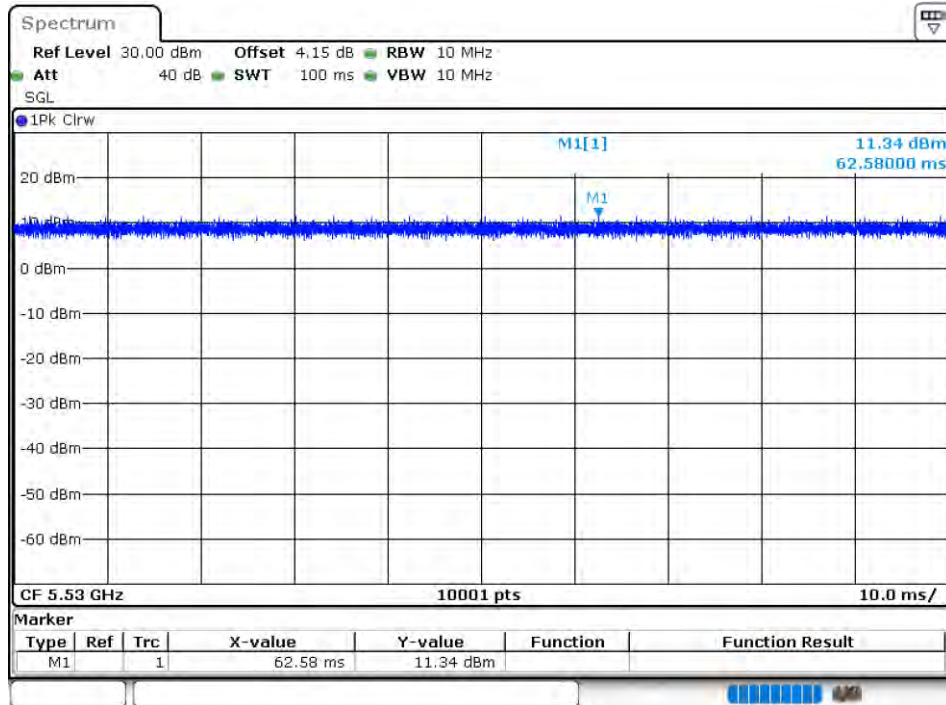
1Pk Clrw



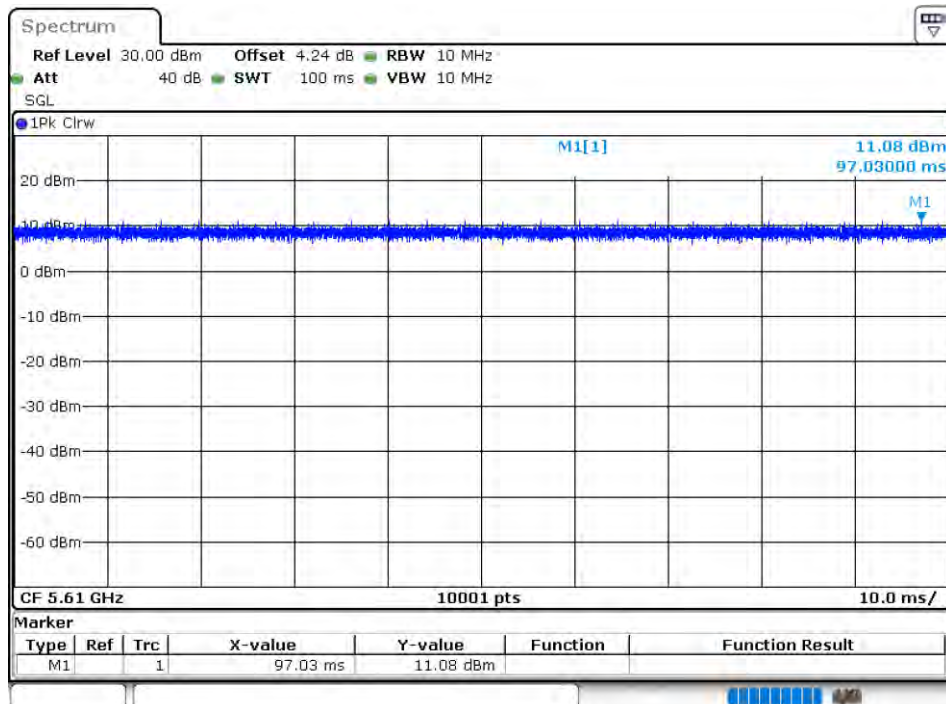
Marker

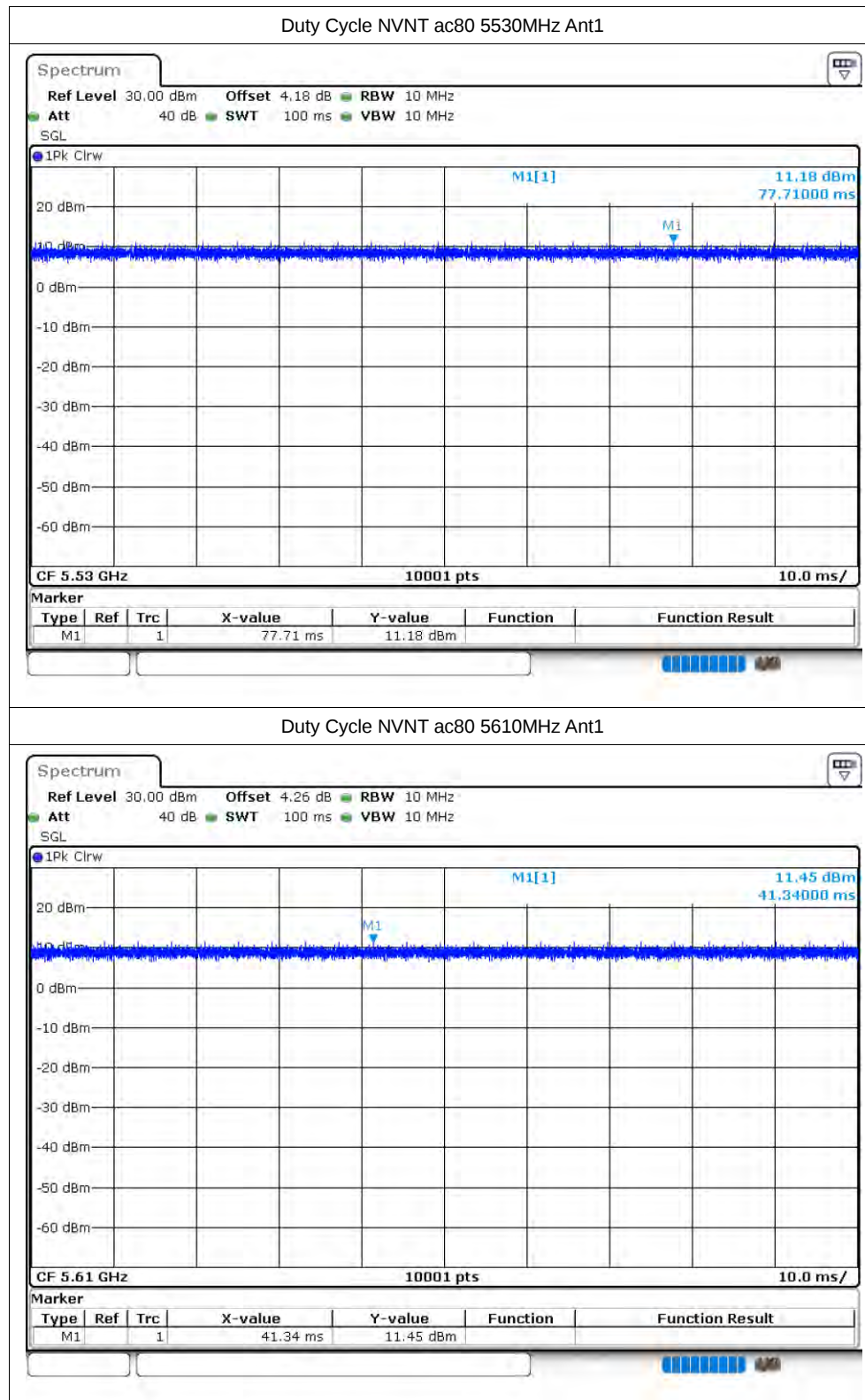
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	45.69 ms	14.31 dBm		

Duty Cycle NVNT ac80 5530MHz Ant0



Duty Cycle NVNT ac80 5610MHz Ant0





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant0	11.77	23.58	Pass
NVNT	a	5600	Ant0	11.29	23.70	Pass
NVNT	a	5700	Ant0	11.36	23.73	Pass
NVNT	a	5500	Ant1	10.9	23.63	Pass
NVNT	a	5600	Ant1	11.31	23.63	Pass
NVNT	a	5700	Ant1	11.36	23.64	Pass
NVNT	n20	5500	Ant0	11.27	23.92	Pass
NVNT	n20	5600	Ant0	11.25	23.90	Pass
NVNT	n20	5700	Ant0	11.76	23.89	Pass
NVNT	n20	5500	Ant1	11.05	23.93	Pass
NVNT	n20	5600	Ant1	11.32	23.94	Pass
NVNT	n20	5700	Ant1	11.33	23.91	Pass
NVNT	n40	5510	Ant0	10.96	24	Pass
NVNT	n40	5590	Ant0	10.62	24	Pass
NVNT	n40	5670	Ant0	11.45	24	Pass
NVNT	n40	5510	Ant1	10.96	24	Pass
NVNT	n40	5590	Ant1	10.69	24	Pass
NVNT	n40	5670	Ant1	11.21	24	Pass
NVNT	ac20	5500	Ant0	11.53	23.90	Pass
NVNT	ac20	5600	Ant0	11.31	23.90	Pass
NVNT	ac20	5700	Ant0	11.37	23.95	Pass
NVNT	ac20	5500	Ant1	11.06	23.89	Pass
NVNT	ac20	5600	Ant1	11.31	23.94	Pass
NVNT	ac20	5700	Ant1	11.39	23.90	Pass
NVNT	ac40	5510	Ant0	11.16	24	Pass
NVNT	ac40	5590	Ant0	10.58	24	Pass
NVNT	ac40	5670	Ant0	11.42	24	Pass
NVNT	ac40	5510	Ant1	10.97	24	Pass
NVNT	ac40	5590	Ant1	10.7	24	Pass
NVNT	ac40	5670	Ant1	11.25	24	Pass
NVNT	ac80	5530	Ant0	10.82	24	Pass
NVNT	ac80	5610	Ant0	10.81	24	Pass
NVNT	ac80	5530	Ant1	10.71	24	Pass
NVNT	ac80	5610	Ant1	10.83	24	Pass

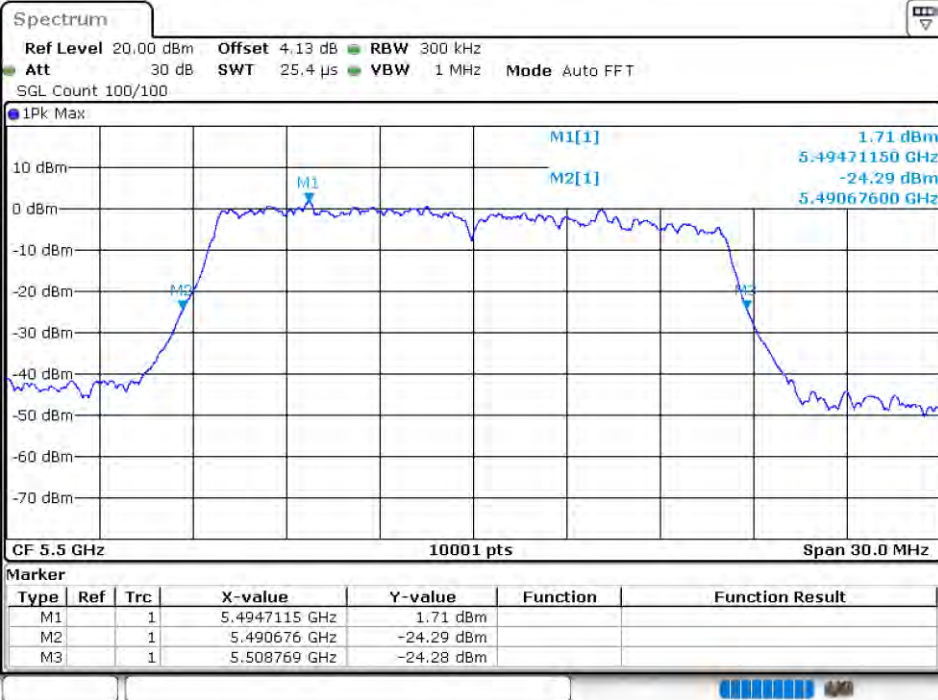
Note: The average power value already includes the duty cycle factor

-26dB Bandwidth

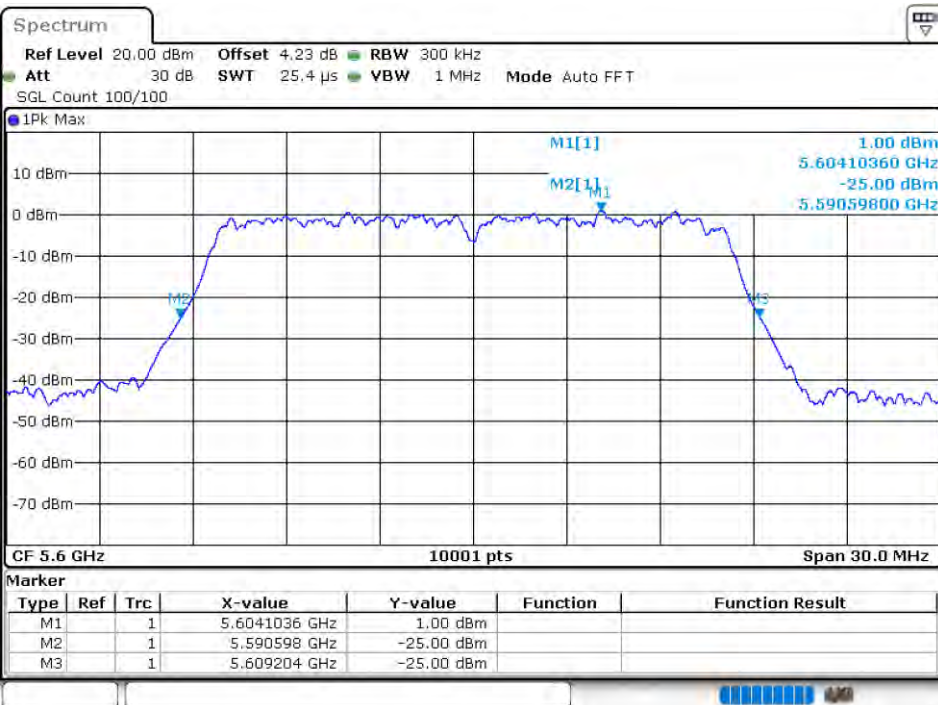
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant0	18.093	Pass
NVNT	a	5600	Ant0	18.606	Pass
NVNT	a	5700	Ant0	18.759	Pass
NVNT	a	5500	Ant1	18.339	Pass
NVNT	a	5600	Ant1	18.336	Pass
NVNT	a	5700	Ant1	18.36	Pass
NVNT	n20	5500	Ant0	19.599	Pass
NVNT	n20	5600	Ant0	19.503	Pass
NVNT	n20	5700	Ant0	19.449	Pass
NVNT	n20	5500	Ant1	19.647	Pass
NVNT	n20	5600	Ant1	19.701	Pass
NVNT	n20	5700	Ant1	19.551	Pass
NVNT	n40	5510	Ant0	41.598	Pass
NVNT	n40	5590	Ant0	41.736	Pass
NVNT	n40	5670	Ant0	41.874	Pass
NVNT	n40	5510	Ant1	41.718	Pass
NVNT	n40	5590	Ant1	41.73	Pass
NVNT	n40	5670	Ant1	41.772	Pass
NVNT	ac20	5500	Ant0	19.479	Pass
NVNT	ac20	5600	Ant0	19.488	Pass
NVNT	ac20	5700	Ant0	19.704	Pass
NVNT	ac20	5500	Ant1	19.473	Pass
NVNT	ac20	5600	Ant1	19.686	Pass
NVNT	ac20	5700	Ant1	19.518	Pass
NVNT	ac40	5510	Ant0	41.628	Pass
NVNT	ac40	5590	Ant0	41.808	Pass
NVNT	ac40	5670	Ant0	41.988	Pass
NVNT	ac40	5510	Ant1	41.748	Pass
NVNT	ac40	5590	Ant1	41.64	Pass
NVNT	ac40	5670	Ant1	41.58	Pass
NVNT	ac80	5530	Ant0	82.116	Pass
NVNT	ac80	5610	Ant0	81.84	Pass
NVNT	ac80	5530	Ant1	81.972	Pass
NVNT	ac80	5610	Ant1	82.524	Pass

Test Graphs

-26dB Bandwidth NVNT a 5500MHz Ant0



-26dB Bandwidth NVNT a 5600MHz Ant0

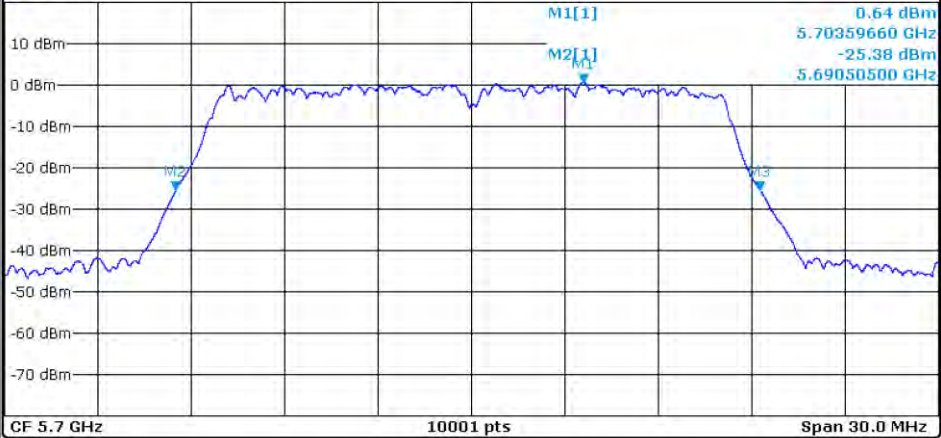


-26dB Bandwidth NVNT a 5700MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.27 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max

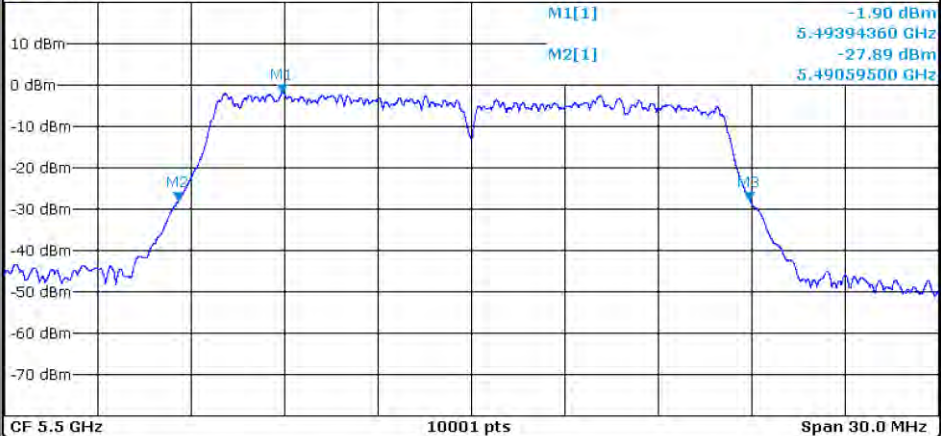


-26dB Bandwidth NVNT a 5500MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.16 dB RBW 200 kHz
Att 30 dB SWT 37.8 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max

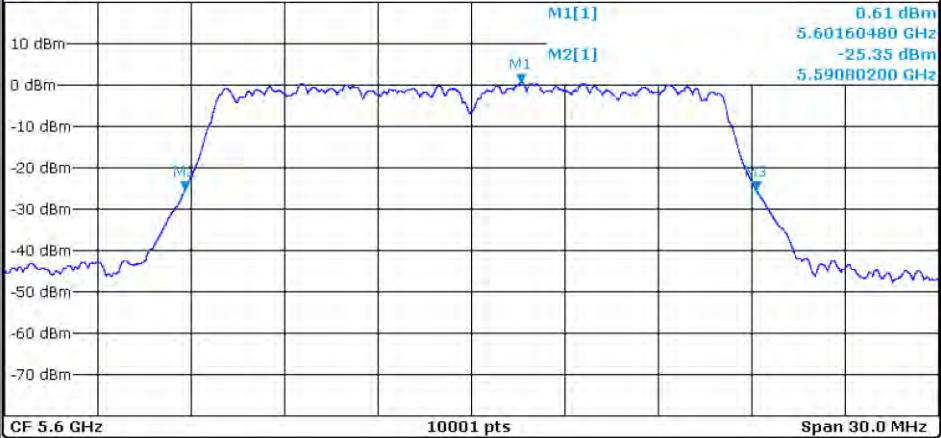


-26dB Bandwidth NVNT a 5600MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.26 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



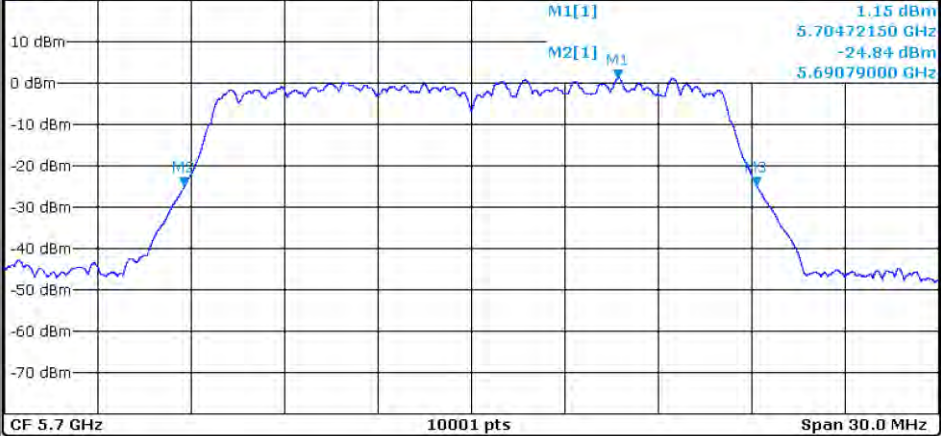
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.6016048 GHz	0.61 dBm		
M2	1	1	5.590802 GHz	-25.35 dBm		
M3	1	1	5.609138 GHz	-25.40 dBm		

-26dB Bandwidth NVNT a 5700MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.28 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



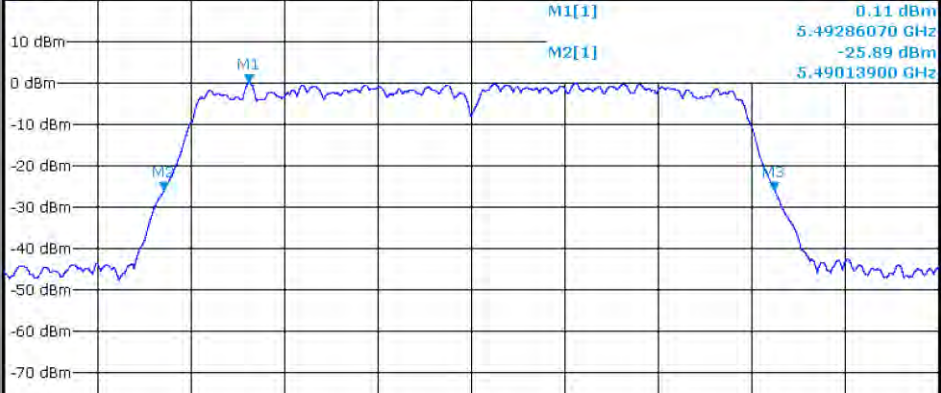
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.7047215 GHz	1.15 dBm		
M2	1	1	5.69079 GHz	-24.84 dBm		
M3	1	1	5.70915 GHz	-24.85 dBm		

-26dB Bandwidth NVNT n20 5500MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.13 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

IPk Max



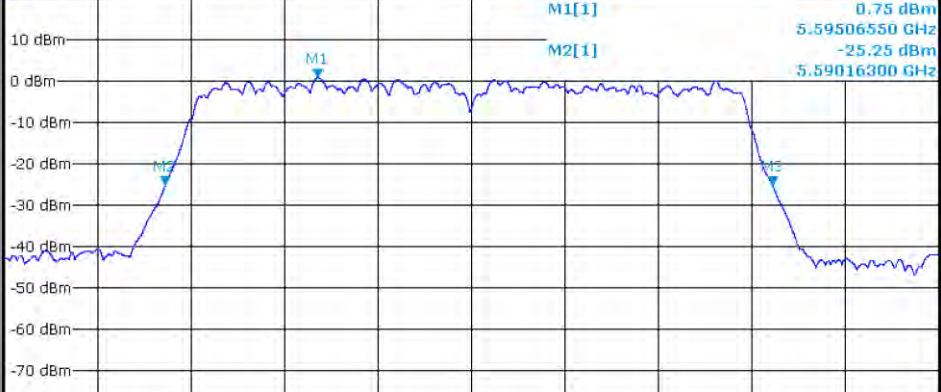
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.4928607 GHz	0.11 dBm		
M2	1	1	5.490139 GHz	-25.89 dBm		
M3	1	1	5.509738 GHz	-25.89 dBm		

-26dB Bandwidth NVNT n20 5600MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.23 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

IPk Max



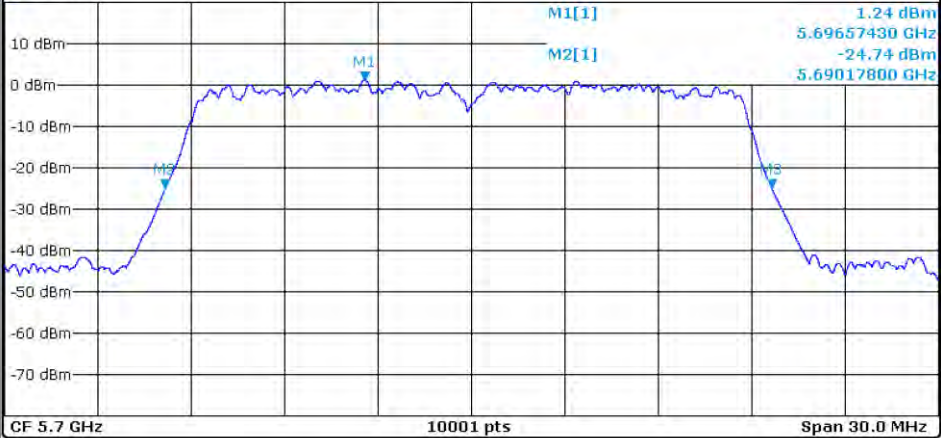
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.5950655 GHz	0.75 dBm		
M2	1	1	5.590163 GHz	-25.25 dBm		
M3	1	1	5.609666 GHz	-25.25 dBm		

-26dB Bandwidth NVNT n20 5700MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.27 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



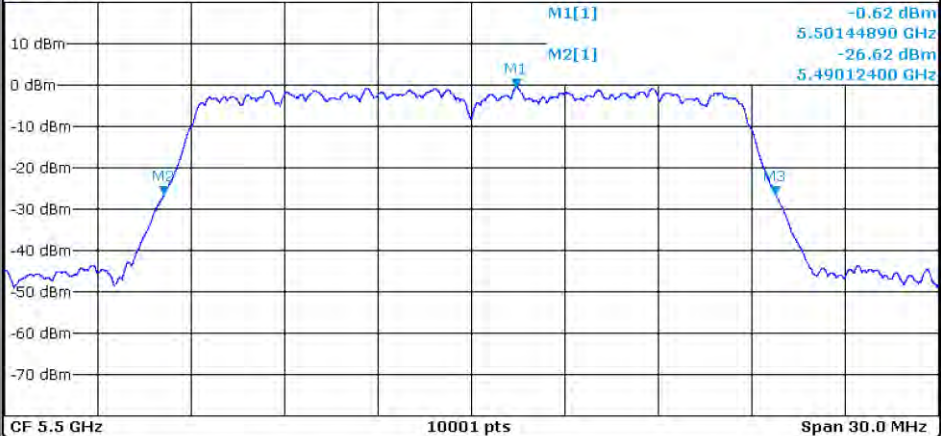
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6965743 GHz	1.24 dBm		
M2		1	5.690178 GHz	-24.74 dBm		
M3		1	5.709627 GHz	-24.76 dBm		

-26dB Bandwidth NVNT n20 5500MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.16 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



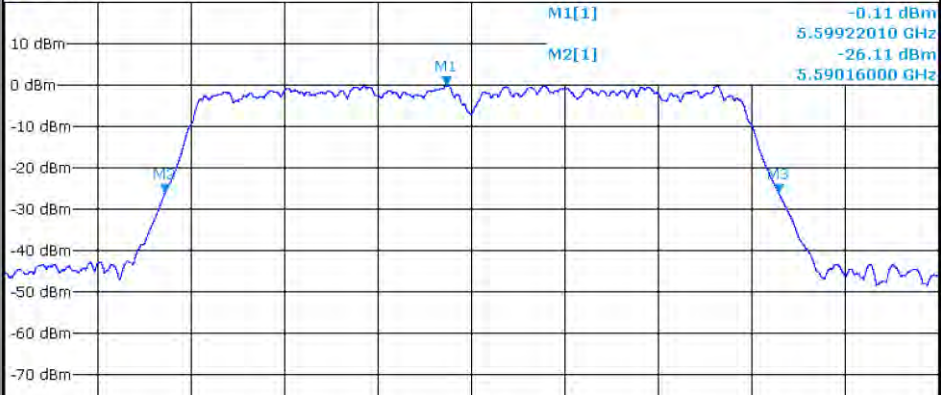
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5014489 GHz	-0.62 dBm		
M2		1	5.490124 GHz	-26.62 dBm		
M3		1	5.509771 GHz	-26.59 dBm		

-26dB Bandwidth NVNT n20 5600MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.26 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



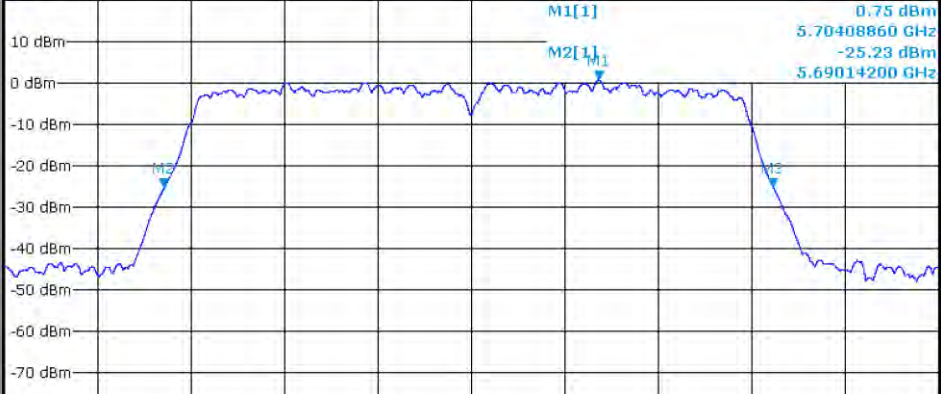
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.5992201 GHz	-0.11 dBm		
M2	1	1	5.59016 GHz	-26.11 dBm		
M3	1	1	5.609861 GHz	-26.07 dBm		

-26dB Bandwidth NVNT n20 5700MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.28 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



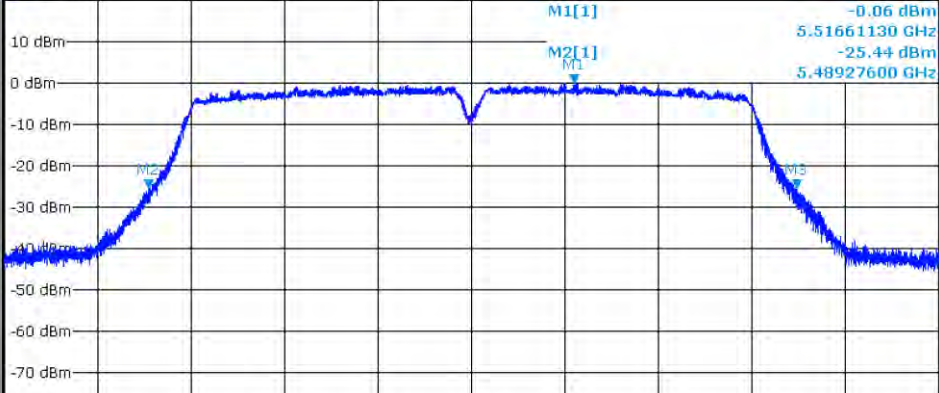
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.7040886 GHz	0.75 dBm		
M2	1	1	5.690142 GHz	-25.23 dBm		
M3	1	1	5.709693 GHz	-25.24 dBm		

-26dB Bandwidth NVNT n40 5510MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.14 dB RBW 500 kHz
Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.51 GHz 10001 pts Span 60.0 MHz

Marker

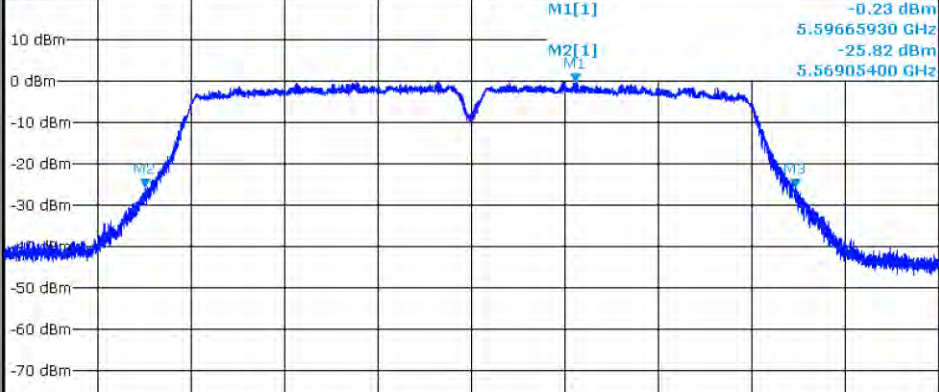
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.5166113 GHz	-0.06 dBm		
M2	1	1	5.489276 GHz	-25.44 dBm		
M3	1	1	5.530874 GHz	-25.40 dBm		

-26dB Bandwidth NVNT n40 5590MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.18 dB RBW 500 kHz
Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.59 GHz 10001 pts Span 60.0 MHz

Marker

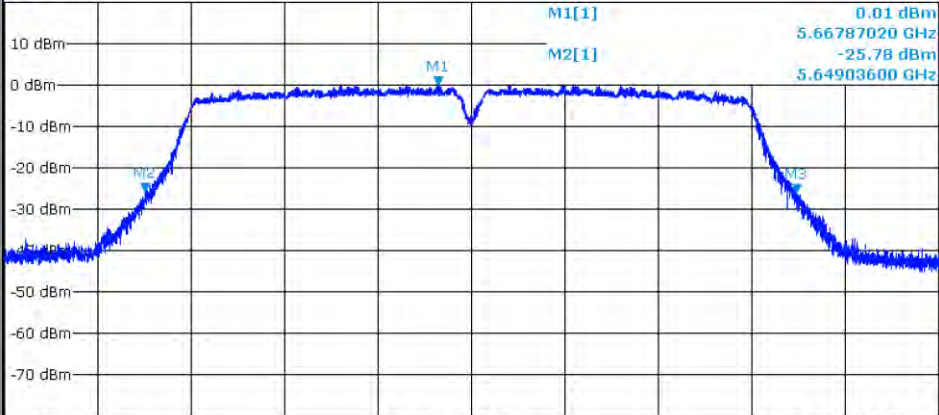
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.5966593 GHz	-0.23 dBm		
M2	1	1	5.569054 GHz	-25.82 dBm		
M3	1	1	5.61079 GHz	-25.83 dBm		

-26dB Bandwidth NVNT n40 5670MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.26 dB RBW 500 kHz
Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.67 GHz 10001 pts Span 60.0 MHz

Marker

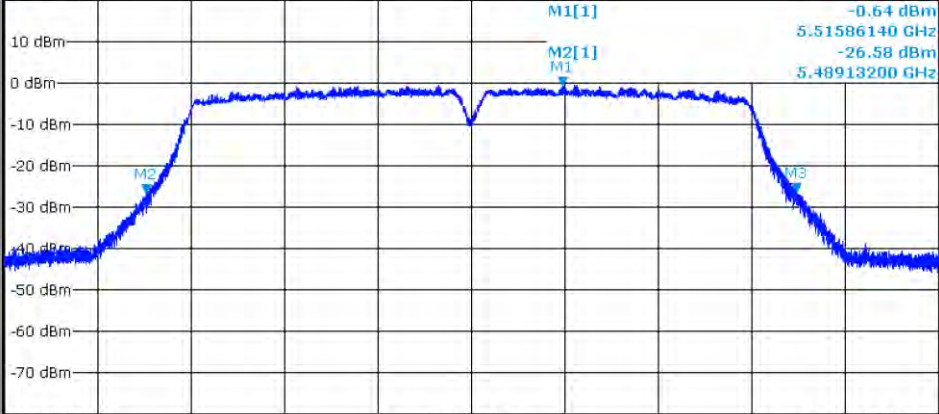
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.6678702 GHz	0.01 dBm		
M2	1	1	5.649036 GHz	-25.78 dBm		
M3	1	1	5.69091 GHz	-25.93 dBm		

-26dB Bandwidth NVNT n40 5510MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.17 dB RBW 500 kHz
Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.51 GHz 10001 pts Span 60.0 MHz

Marker

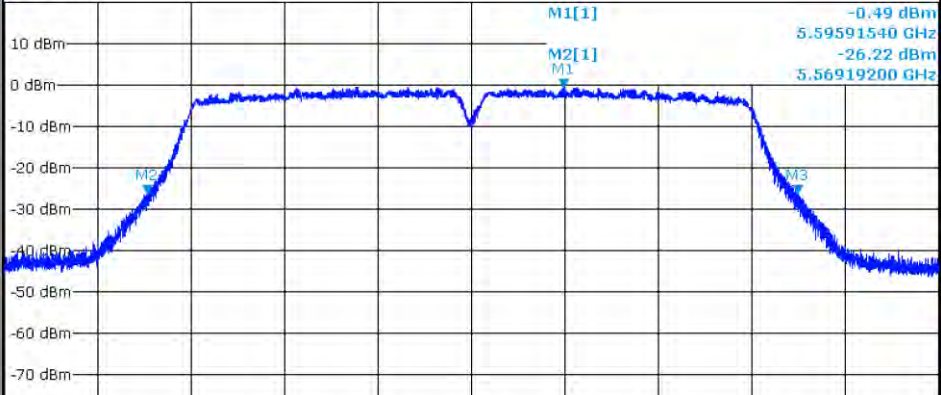
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.5158614 GHz	-0.64 dBm		
M2	1	1	5.489132 GHz	-26.58 dBm		
M3	1	1	5.53085 GHz	-26.30 dBm		

-26dB Bandwidth NVNT n40 5590MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.21 dB RBW 500 kHz
Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.59 GHz 10001 pts Span 60.0 MHz

Marker

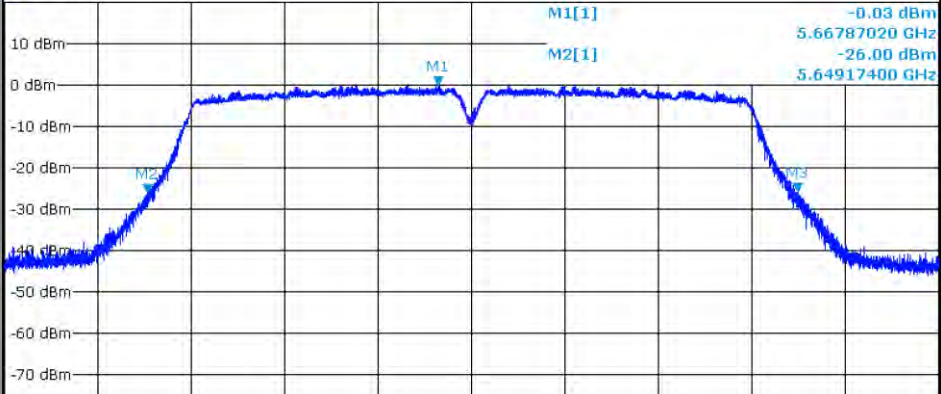
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.5959154 GHz	-0.49 dBm		
M2	1	1	5.569192 GHz	-26.22 dBm		
M3	1	1	5.610922 GHz	-26.36 dBm		

-26dB Bandwidth NVNT n40 5670MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.28 dB RBW 500 kHz
Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.67 GHz 10001 pts Span 60.0 MHz

Marker

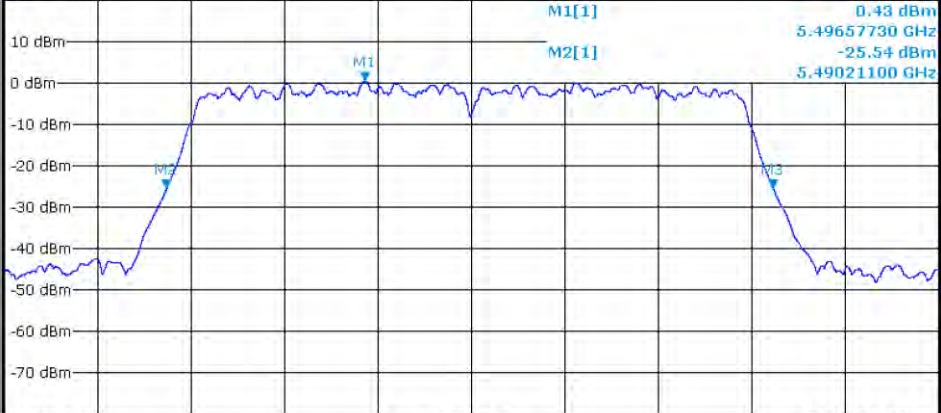
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.6678702 GHz	-0.03 dBm		
M2	1	1	5.649174 GHz	-26.00 dBm		
M3	1	1	5.690946 GHz	-25.65 dBm		

-26dB Bandwidth NVNT ac20 5500MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.13 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

IPk Max



Marker

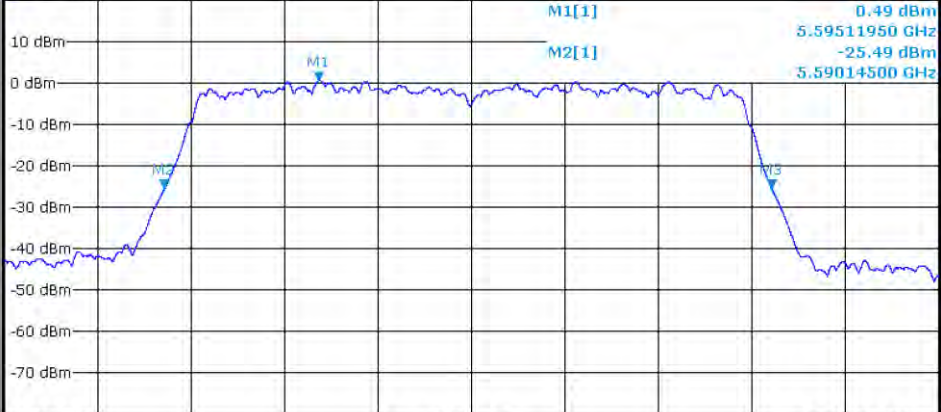
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.4965773 GHz	0.43 dBm		
M2	1	1	5.490211 GHz	-25.54 dBm		
M3	1	1	5.50969 GHz	-25.53 dBm		

-26dB Bandwidth NVNT ac20 5600MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.23 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

IPk Max



Marker

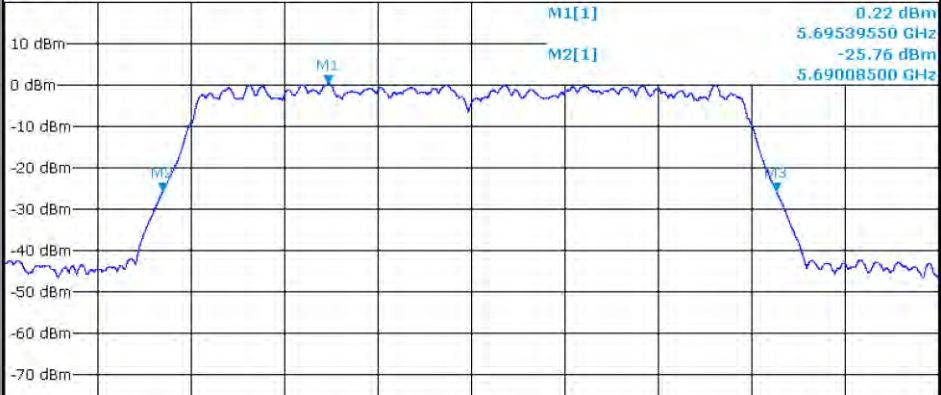
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.5951195 GHz	0.49 dBm		
M2	1	1	5.590145 GHz	-25.49 dBm		
M3	1	1	5.609633 GHz	-25.48 dBm		

-26dB Bandwidth NVNT ac20 5700MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.27 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



CF 5.7 GHz 10001 pts Span 30.0 MHz

Marker

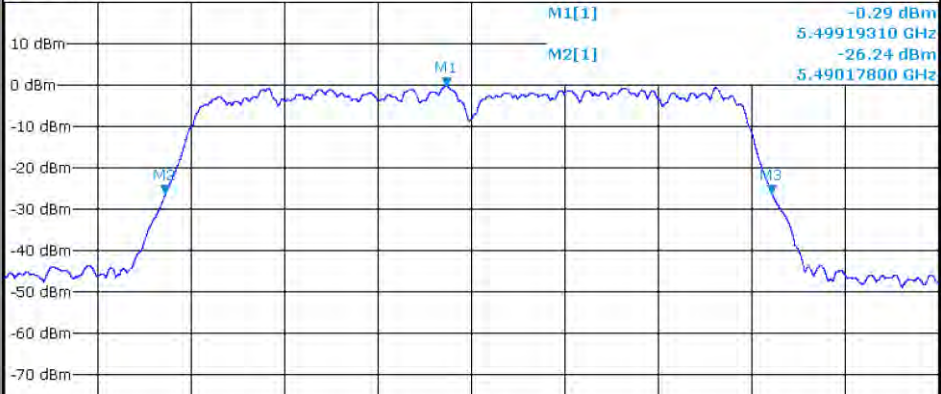
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.6953955 GHz	0.22 dBm		
M2	1	1	5.690085 GHz	-25.76 dBm		
M3	1	1	5.709789 GHz	-25.75 dBm		

-26dB Bandwidth NVNT ac20 5500MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.16 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



CF 5.5 GHz 10001 pts Span 30.0 MHz

Marker

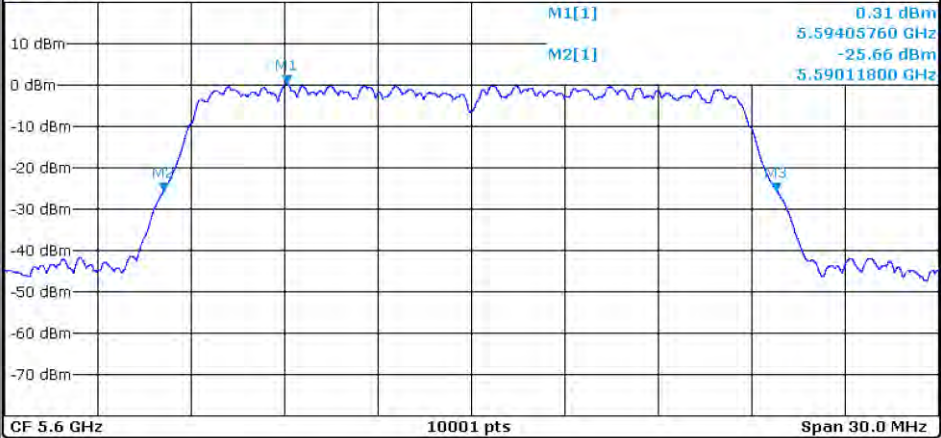
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.4991931 GHz	-0.29 dBm		
M2	1	1	5.490178 GHz	-26.24 dBm		
M3	1	1	5.509651 GHz	-26.25 dBm		

-26dB Bandwidth NVNT ac20 5600MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.26 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

IPk Max



Marker

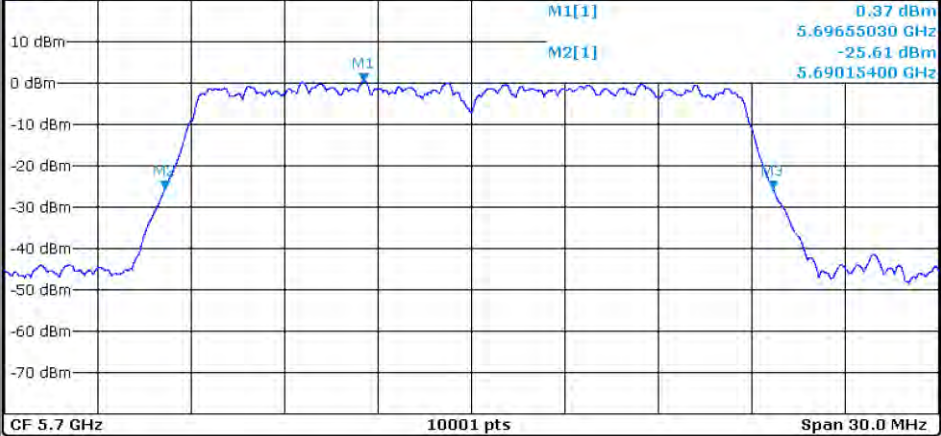
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.5940576 GHz	0.31 dBm		
M2	1	1	5.590118 GHz	-25.66 dBm		
M3	1	1	5.609804 GHz	-25.68 dBm		

-26dB Bandwidth NVNT ac20 5700MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.28 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

IPk Max



Marker

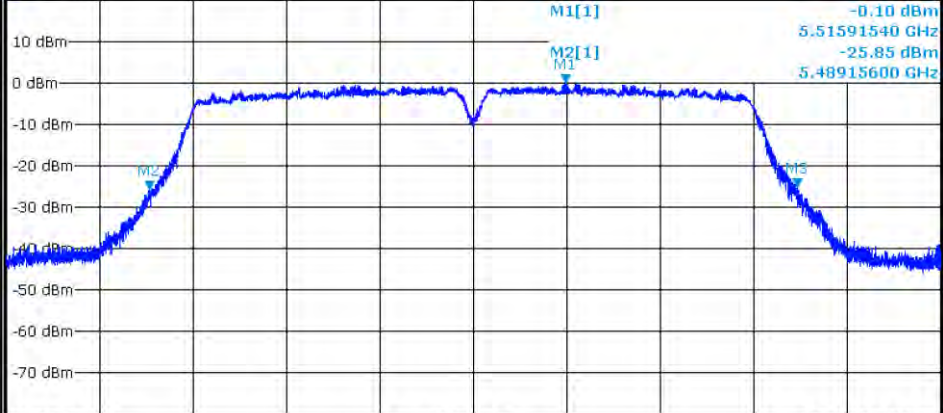
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.6965503 GHz	0.37 dBm		
M2	1	1	5.690154 GHz	-25.61 dBm		
M3	1	1	5.709672 GHz	-25.60 dBm		

-26dB Bandwidth NVNT ac40 5510MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.14 dB RBW 500 kHz
Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

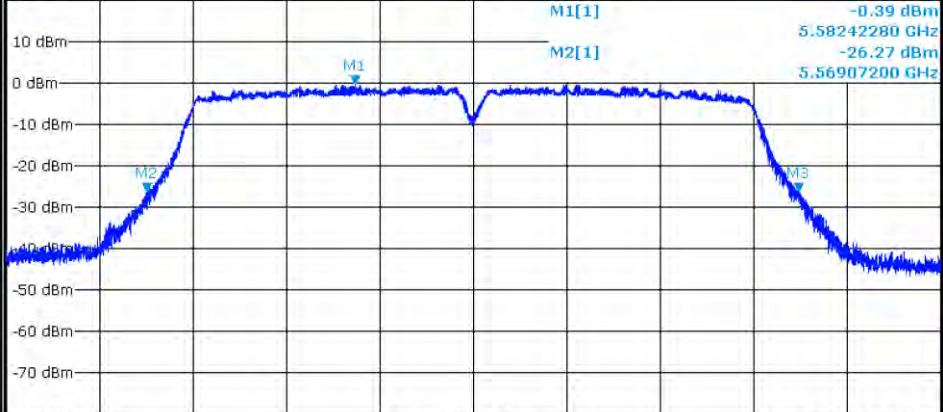
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.5159154 GHz	-0.10 dBm		
M2	1	1	5.489156 GHz	-25.85 dBm		
M3	1	1	5.530784 GHz	-25.02 dBm		

-26dB Bandwidth NVNT ac40 5590MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.18 dB RBW 500 kHz
Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

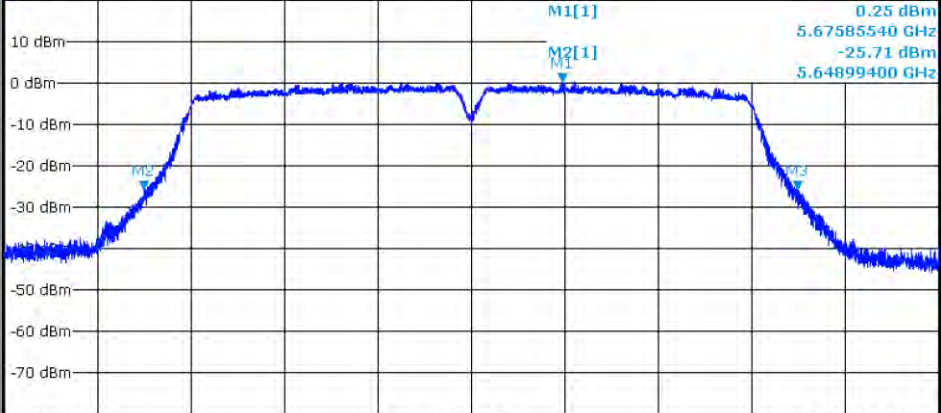
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.5824228 GHz	-0.39 dBm		
M2	1	1	5.569072 GHz	-26.27 dBm		
M3	1	1	5.61088 GHz	-26.23 dBm		

-26dB Bandwidth NVNT ac40 5670MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.26 dB RBW 500 kHz
Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.67 GHz 10001 pts Span 60.0 MHz

Marker

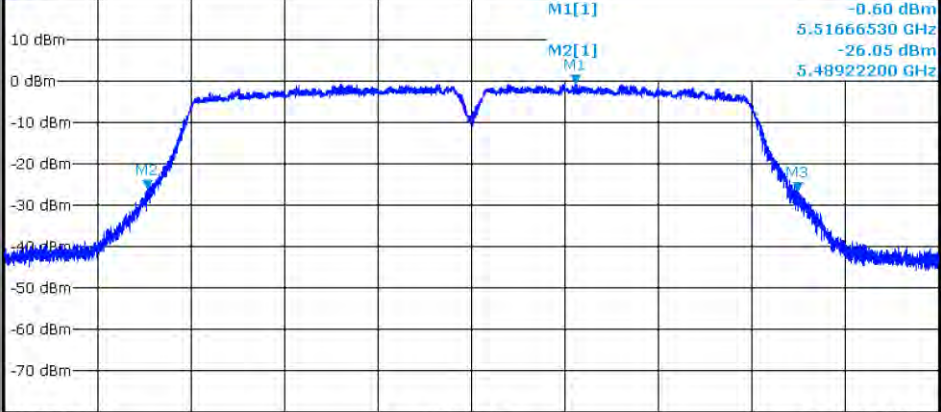
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.6758554 GHz	0.25 dBm		
M2	1	1	5.648994 GHz	-25.71 dBm		
M3	1	1	5.690982 GHz	-25.67 dBm		

-26dB Bandwidth NVNT ac40 5510MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.17 dB RBW 500 kHz
Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.51 GHz 10001 pts Span 60.0 MHz

Marker

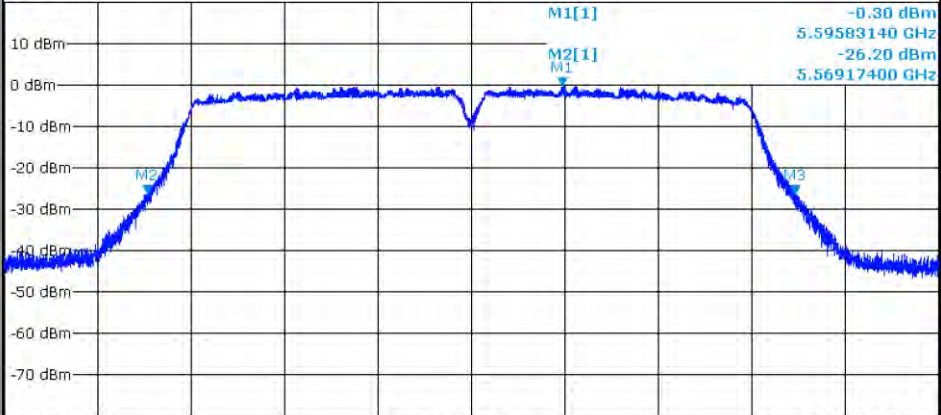
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.5166653 GHz	-0.60 dBm		
M2	1	1	5.489222 GHz	-26.05 dBm		
M3	1	1	5.53097 GHz	-26.47 dBm		

-26dB Bandwidth NVNT ac40 5590MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.21 dB RBW 500 kHz
Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

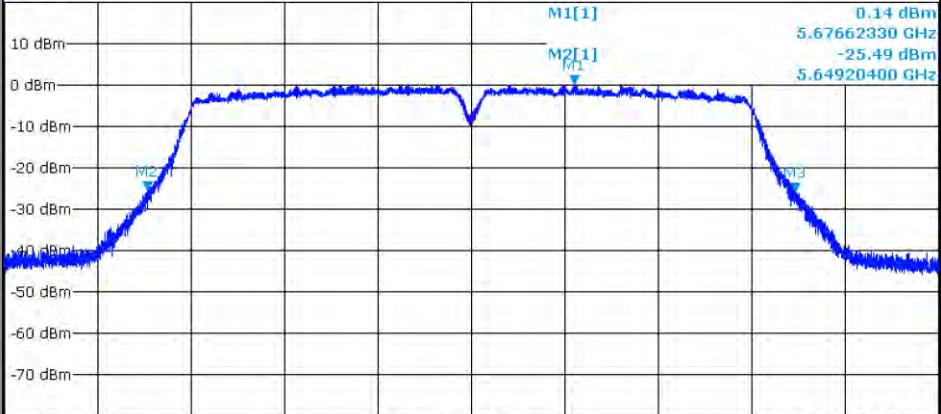
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.5958314 GHz	-0.30 dBm		
M2	1	1	5.569174 GHz	-26.20 dBm		
M3	1	1	5.610814 GHz	-26.30 dBm		

-26dB Bandwidth NVNT ac40 5670MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.28 dB RBW 500 kHz
Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

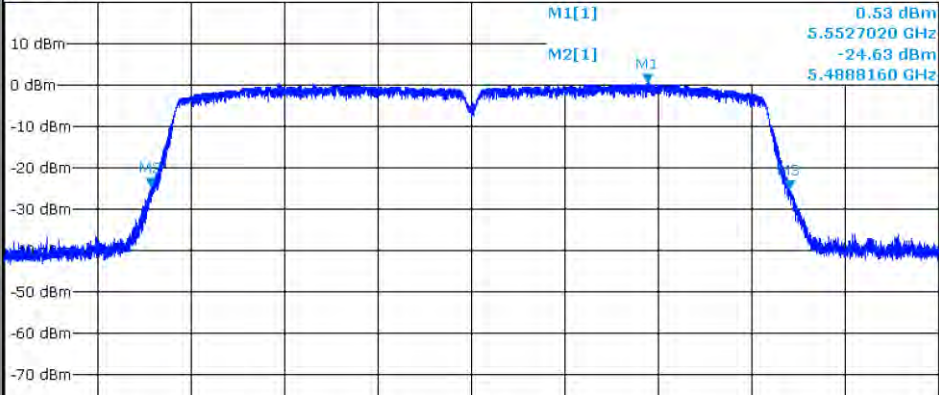
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.6766233 GHz	0.14 dBm		
M2	1	1	5.649204 GHz	-25.49 dBm		
M3	1	1	5.690784 GHz	-25.78 dBm		

-26dB Bandwidth NVNT ac80 5530MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.15 dB RBW 1 MHz
Att 30 dB SWT 10.1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.53 GHz 10001 pts Span 120.0 MHz

Marker

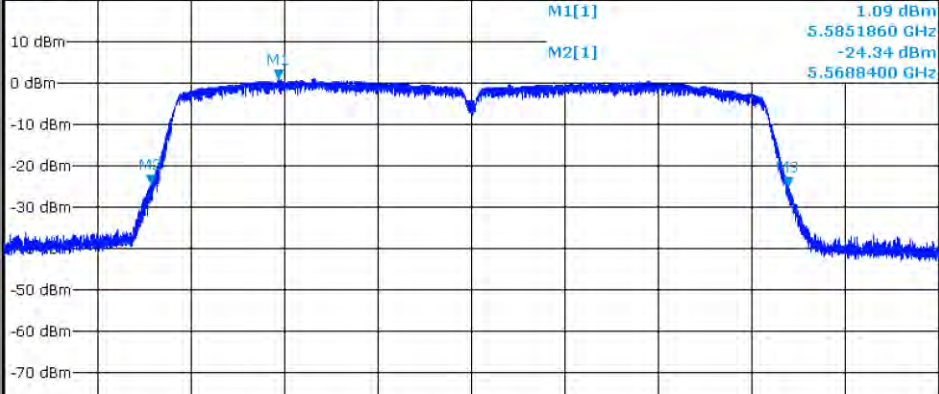
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.552702 GHz	0.53 dBm		
M2	1	1	5.488816 GHz	-24.63 dBm		
M3	1	1	5.570932 GHz	-25.20 dBm		

-26dB Bandwidth NVNT ac80 5610MHz Ant0

Spectrum

Ref Level 20.00 dBm Offset 4.24 dB RBW 1 MHz
Att 30 dB SWT 10.1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.61 GHz 10001 pts Span 120.0 MHz

Marker

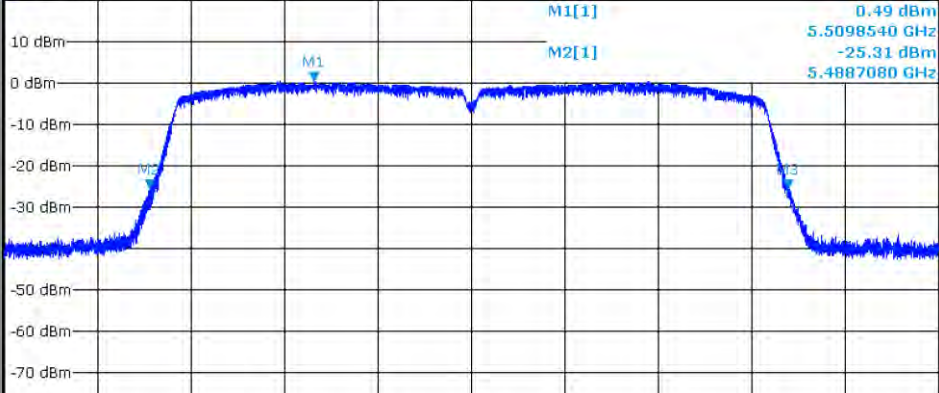
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.585186 GHz	1.09 dBm		
M2	1	1	5.56884 GHz	-24.34 dBm		
M3	1	1	5.65068 GHz	-24.88 dBm		

-26dB Bandwidth NVNT ac80 5530MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.18 dB RBW 1 MHz
Att 30 dB SWT 10.1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.53 GHz 10001 pts Span 120.0 MHz

Marker

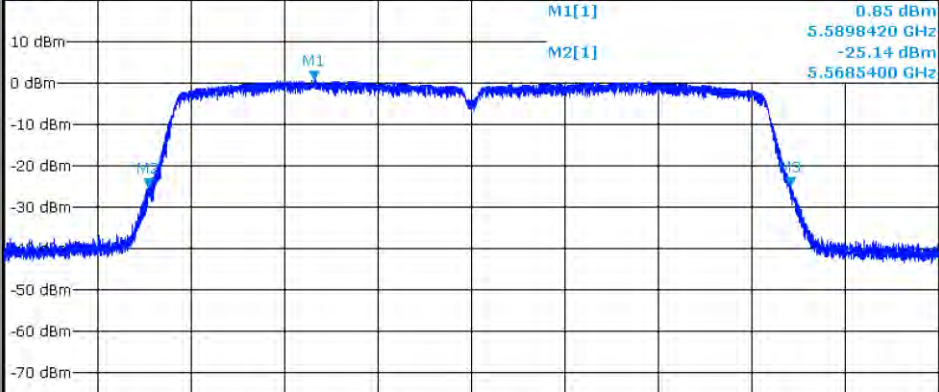
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.509854 GHz	0.49 dBm		
M2	1	1	5.488708 GHz	-25.31 dBm		
M3	1	1	5.57068 GHz	-25.35 dBm		

-26dB Bandwidth NVNT ac80 5610MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.26 dB RBW 1 MHz
Att 30 dB SWT 10.1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.61 GHz 10001 pts Span 120.0 MHz

Marker

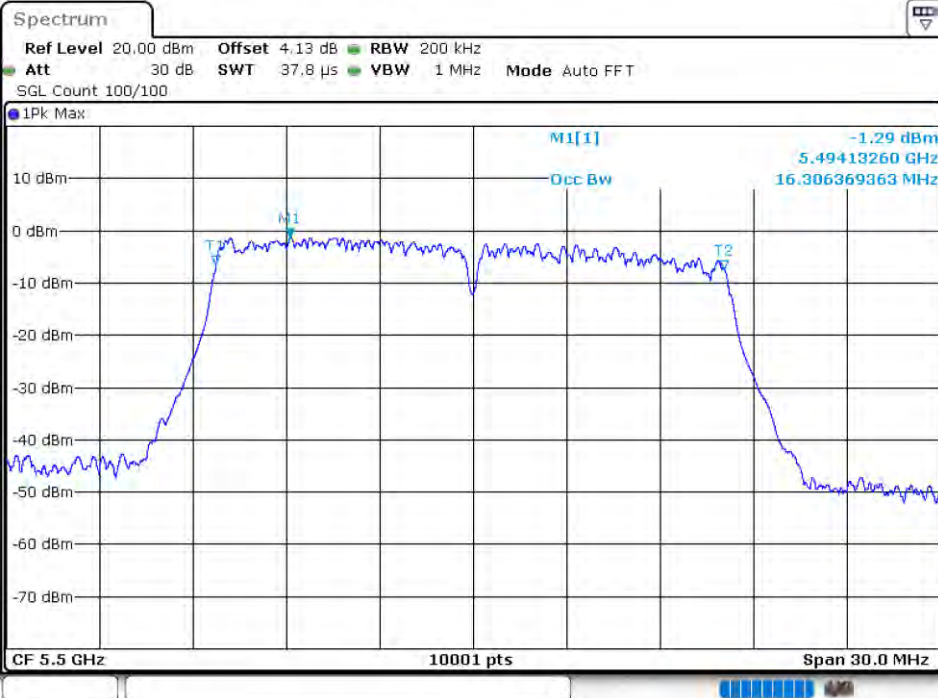
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.589842 GHz	0.85 dBm		
M2	1	1	5.56854 GHz	-25.14 dBm		
M3	1	1	5.651064 GHz	-24.90 dBm		

Occupied Channel Bandwidth

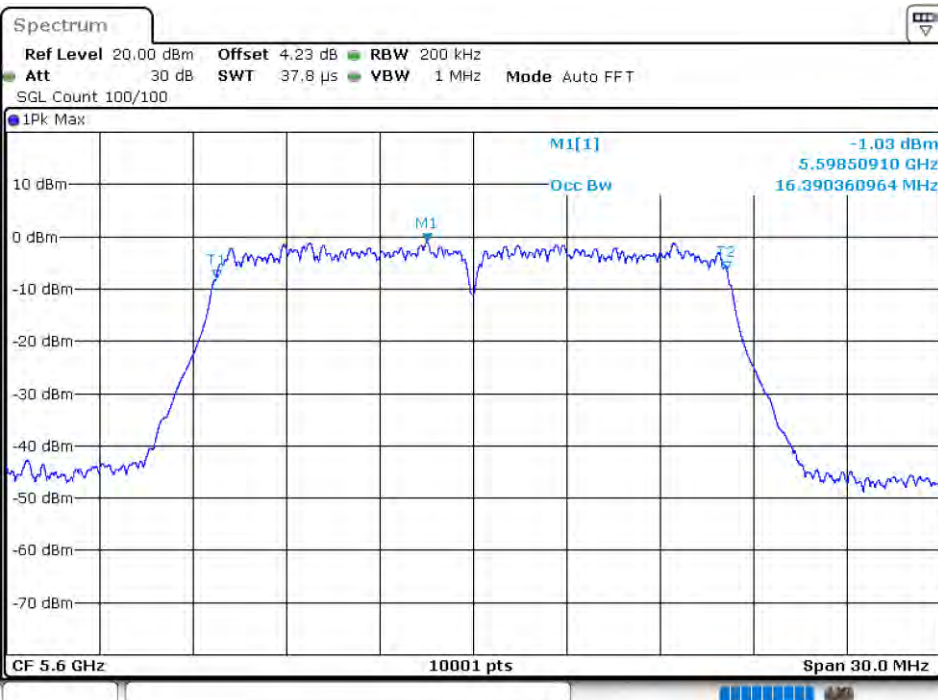
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant0	16.306
NVNT	a	5600	Ant0	16.39
NVNT	a	5700	Ant0	16.351
NVNT	a	5500	Ant1	16.441
NVNT	a	5600	Ant1	16.36
NVNT	a	5700	Ant1	16.369
NVNT	n20	5500	Ant0	17.533
NVNT	n20	5600	Ant0	17.554
NVNT	n20	5700	Ant0	17.536
NVNT	n20	5500	Ant1	17.536
NVNT	n20	5600	Ant1	17.548
NVNT	n20	5700	Ant1	17.536
NVNT	n40	5510	Ant0	36.14
NVNT	n40	5590	Ant0	36.158
NVNT	n40	5670	Ant0	36.158
NVNT	n40	5510	Ant1	36.164
NVNT	n40	5590	Ant1	36.182
NVNT	n40	5670	Ant1	36.14
NVNT	ac20	5500	Ant0	17.548
NVNT	ac20	5600	Ant0	17.56
NVNT	ac20	5700	Ant0	17.575
NVNT	ac20	5500	Ant1	17.554
NVNT	ac20	5600	Ant1	17.56
NVNT	ac20	5700	Ant1	17.548
NVNT	ac40	5510	Ant0	36.128
NVNT	ac40	5590	Ant0	36.158
NVNT	ac40	5670	Ant0	36.158
NVNT	ac40	5510	Ant1	36.122
NVNT	ac40	5590	Ant1	36.146
NVNT	ac40	5670	Ant1	36.134
NVNT	ac80	5530	Ant0	75.256
NVNT	ac80	5610	Ant0	75.148
NVNT	ac80	5530	Ant1	75.076
NVNT	ac80	5610	Ant1	75.376

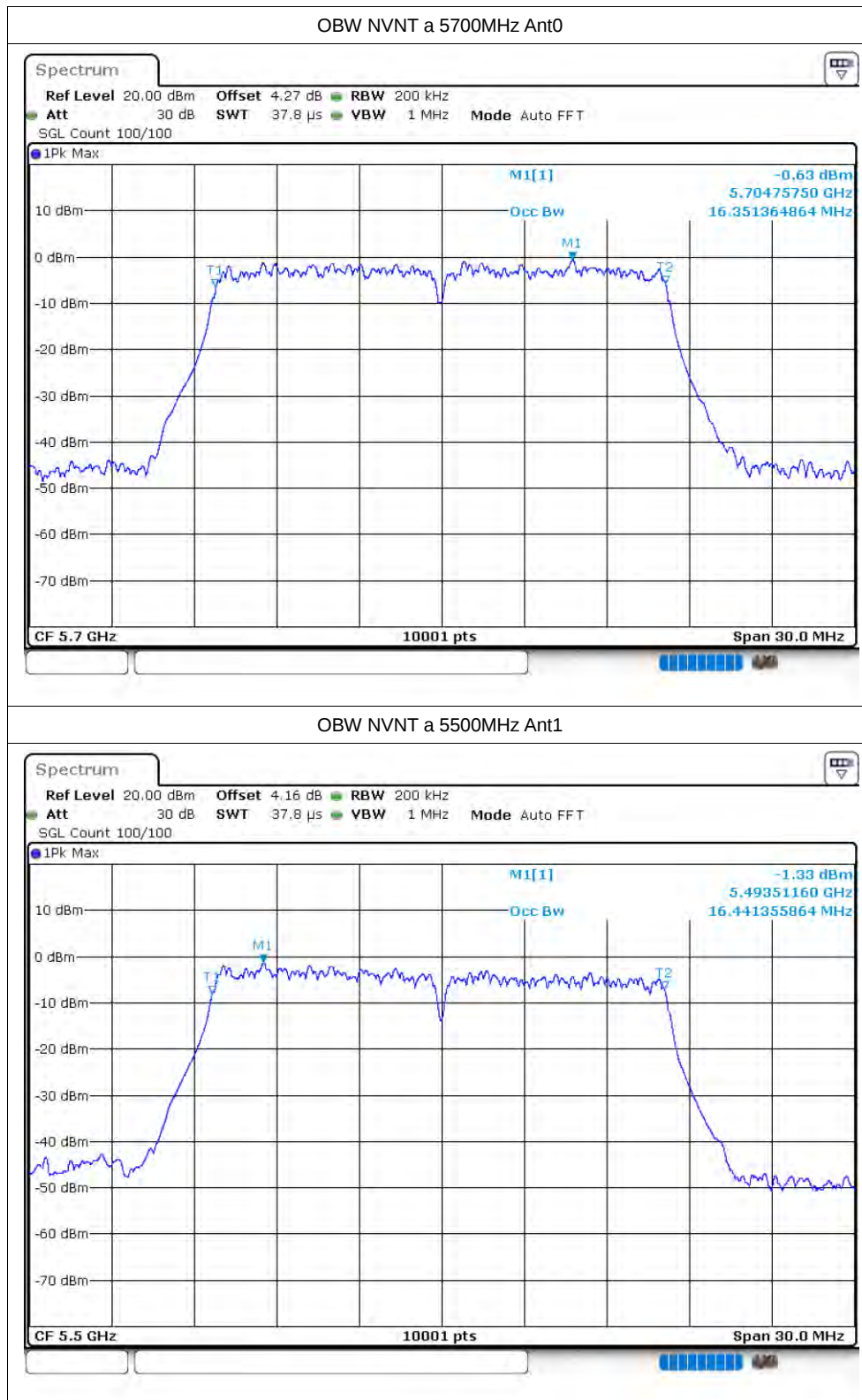
Test Graphs

OBW NVNT a 5500MHz Ant0

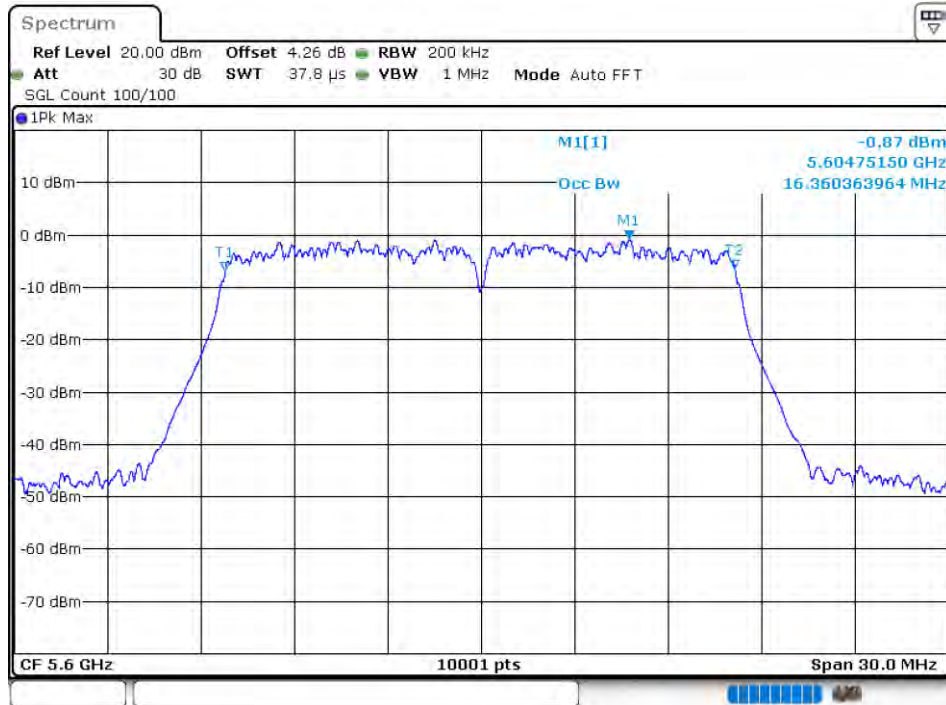


OBW NVNT a 5600MHz Ant0

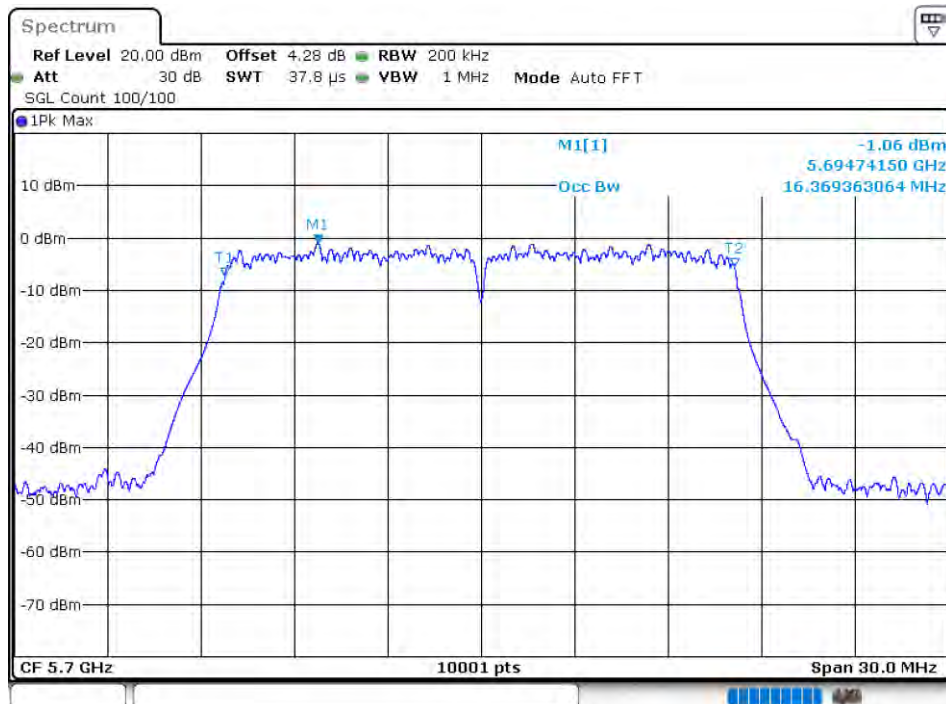


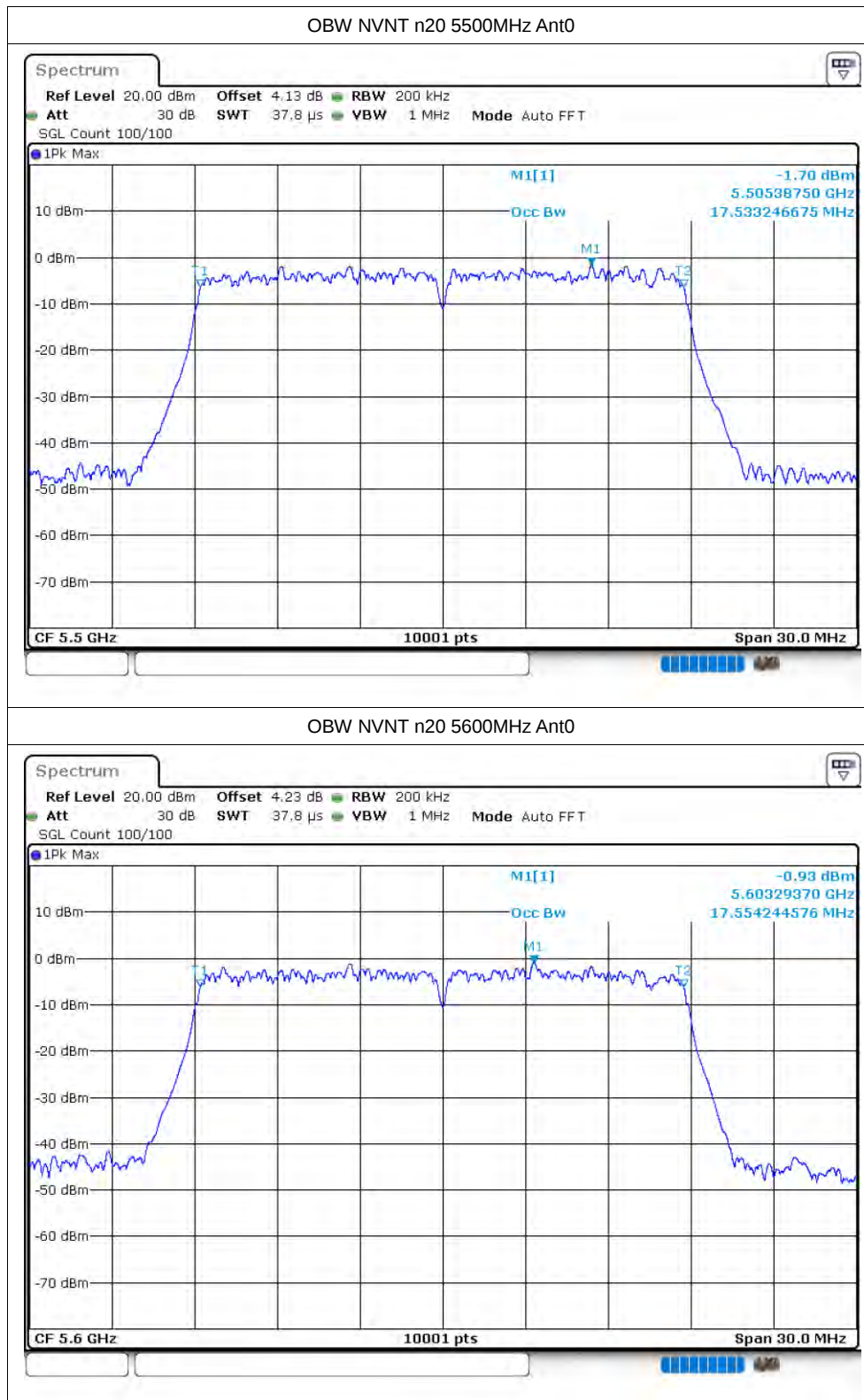


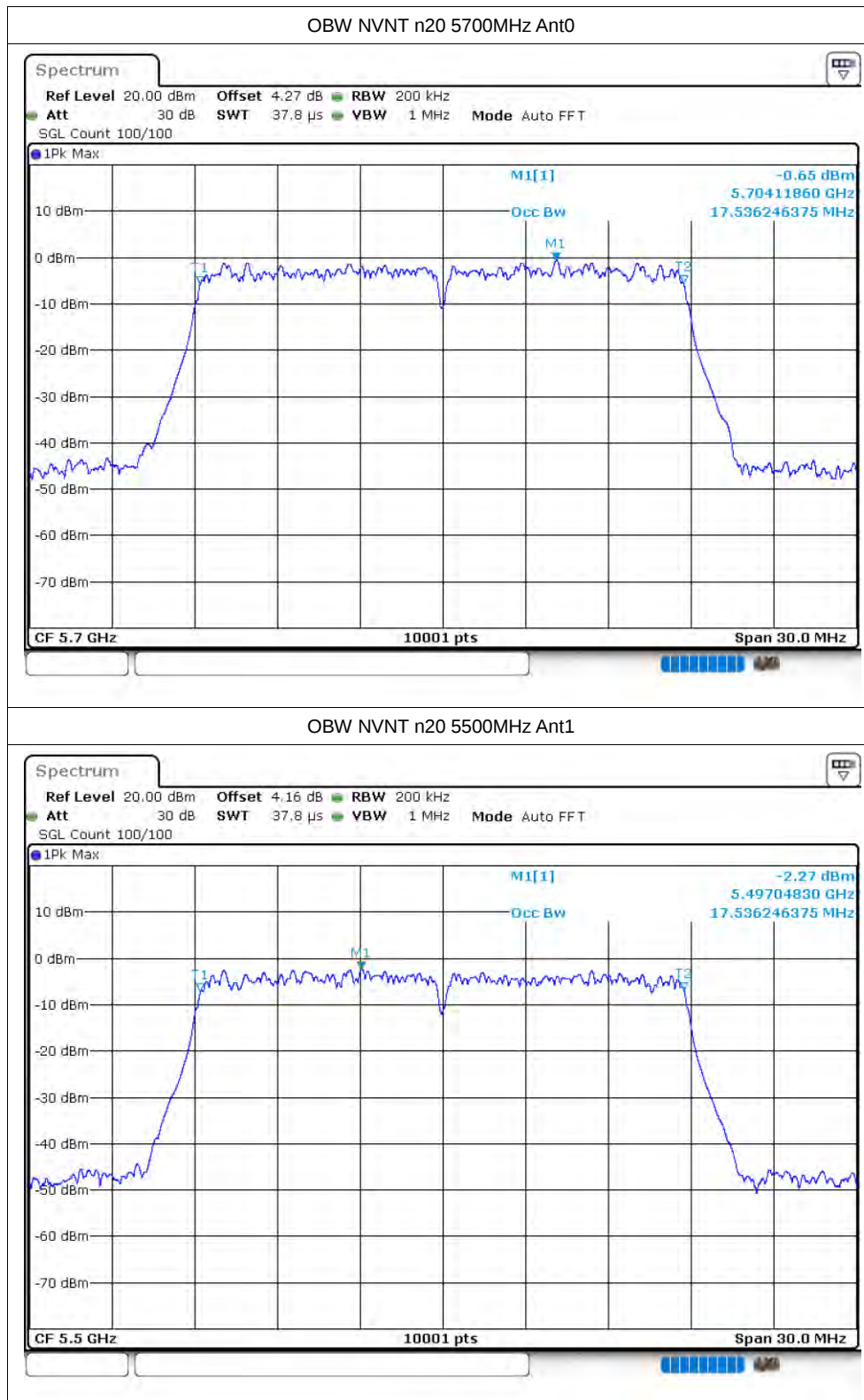
OBW NVNT a 5600MHz Ant1

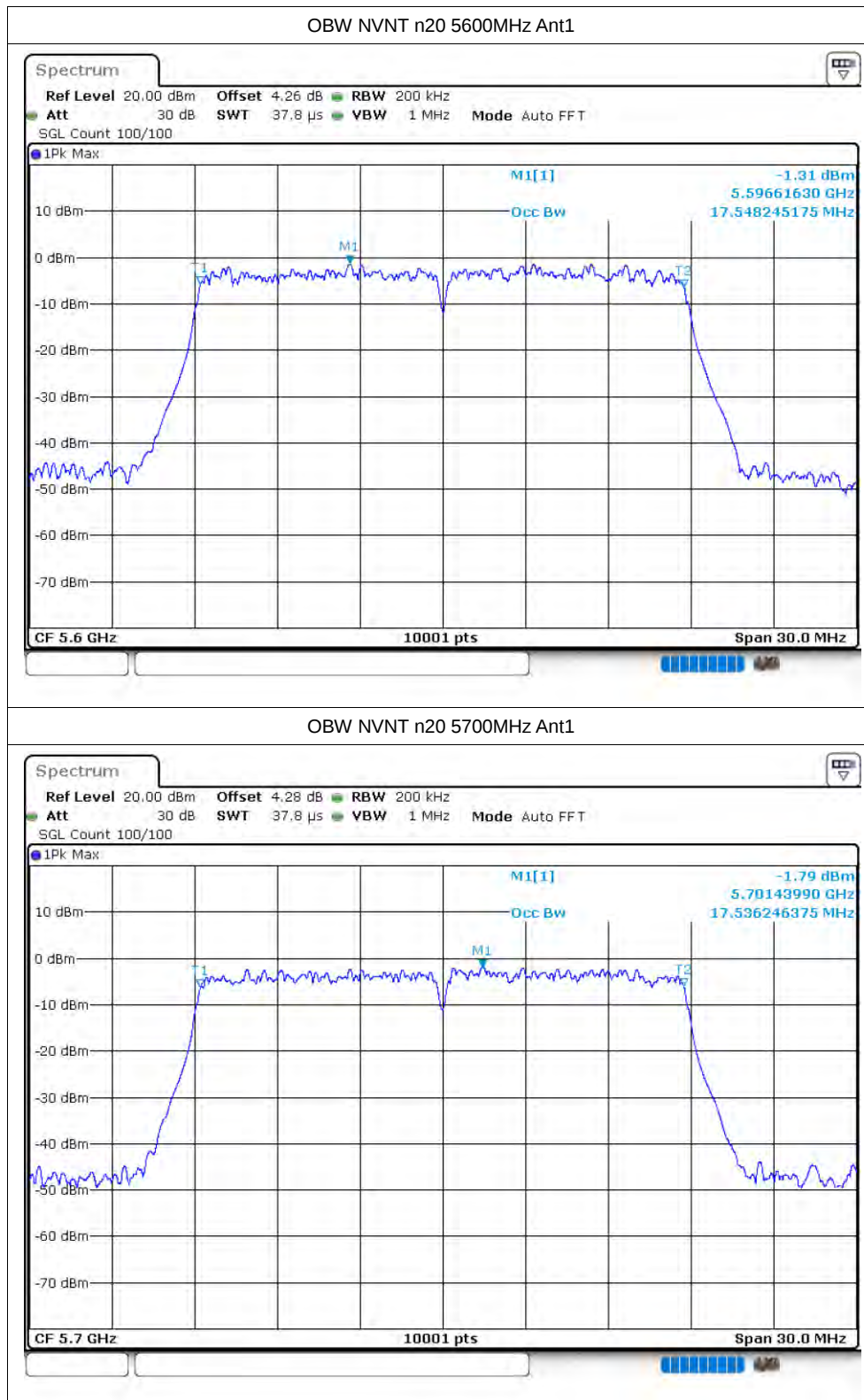


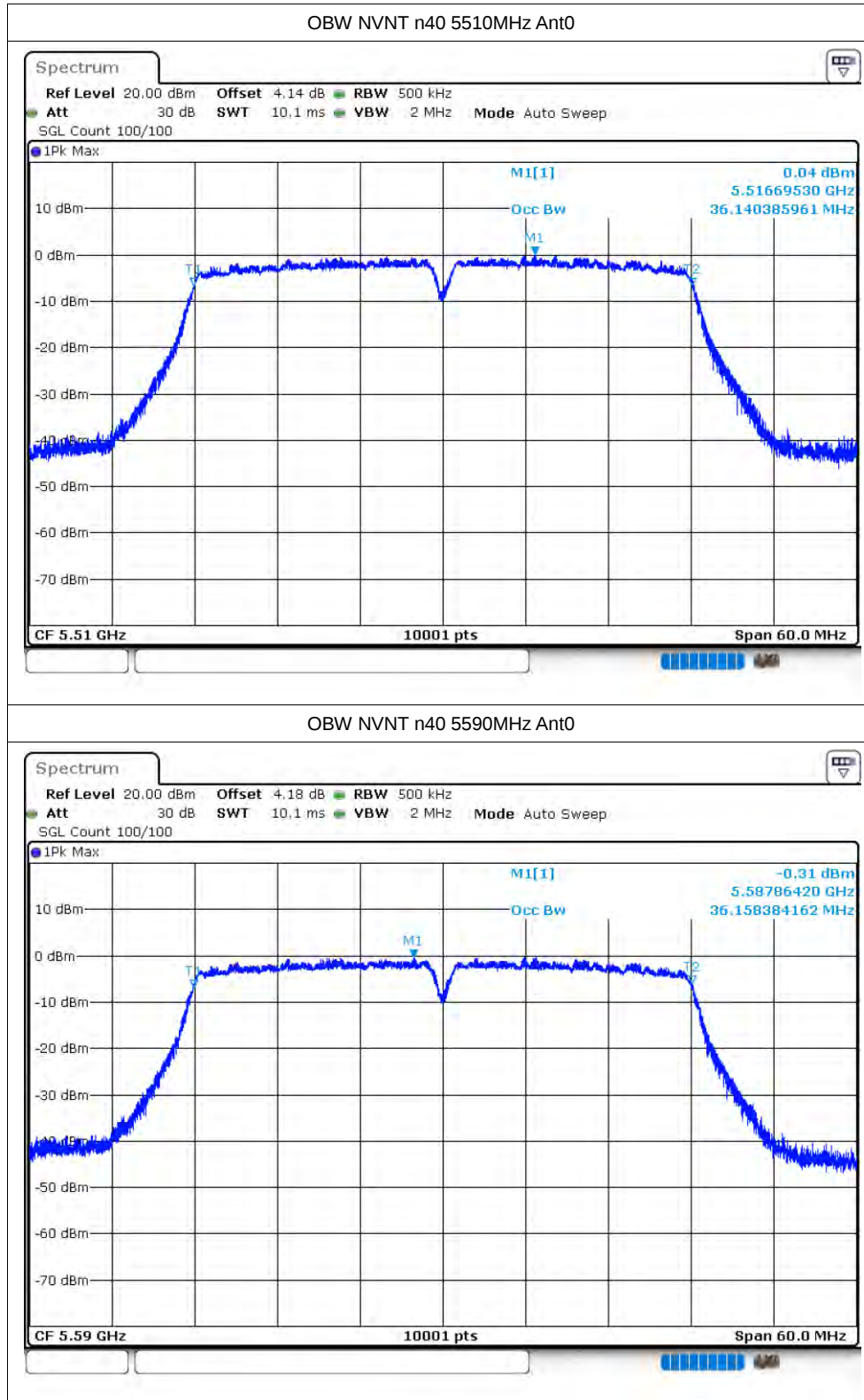
OBW NVNT a 5700MHz Ant1

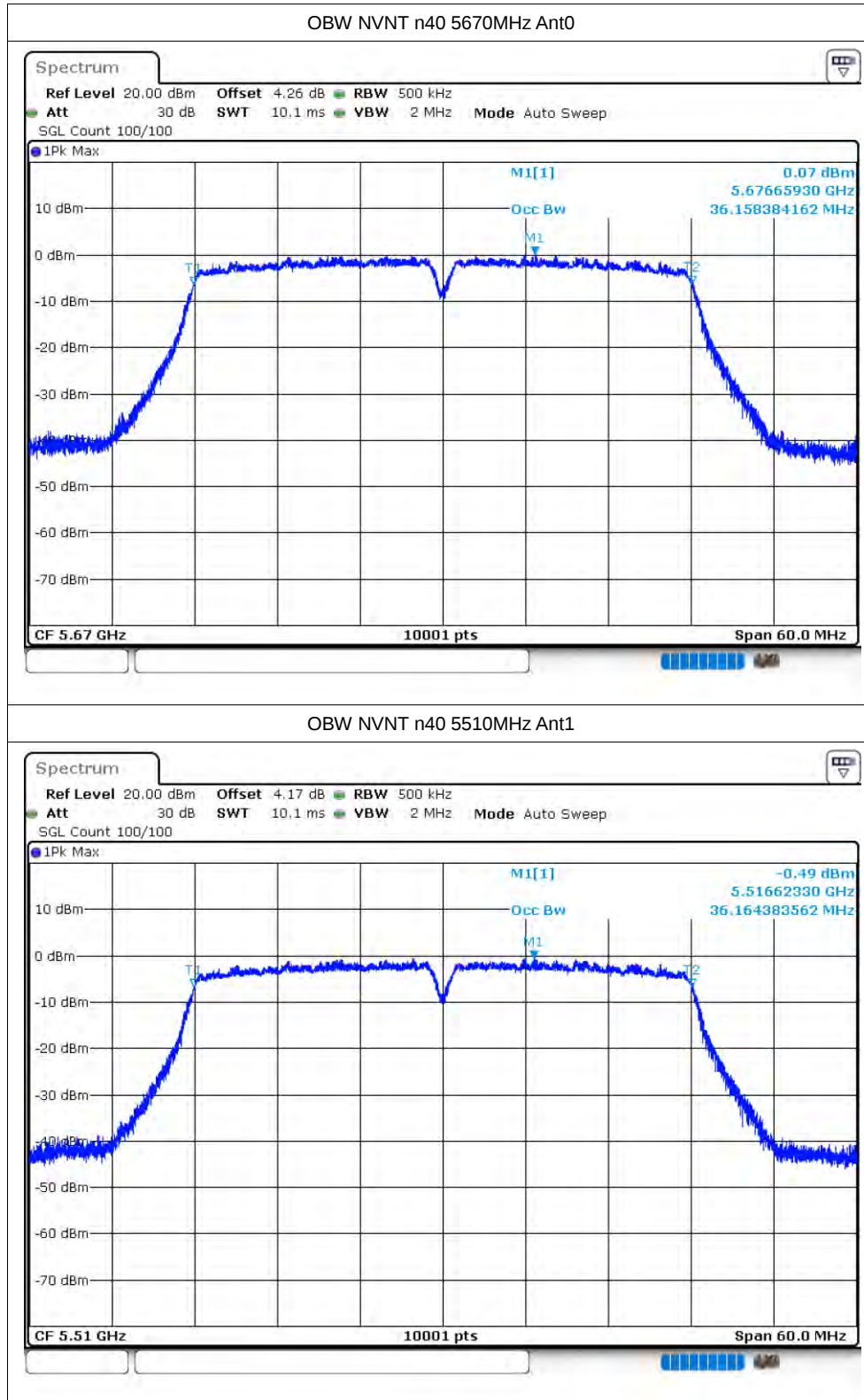


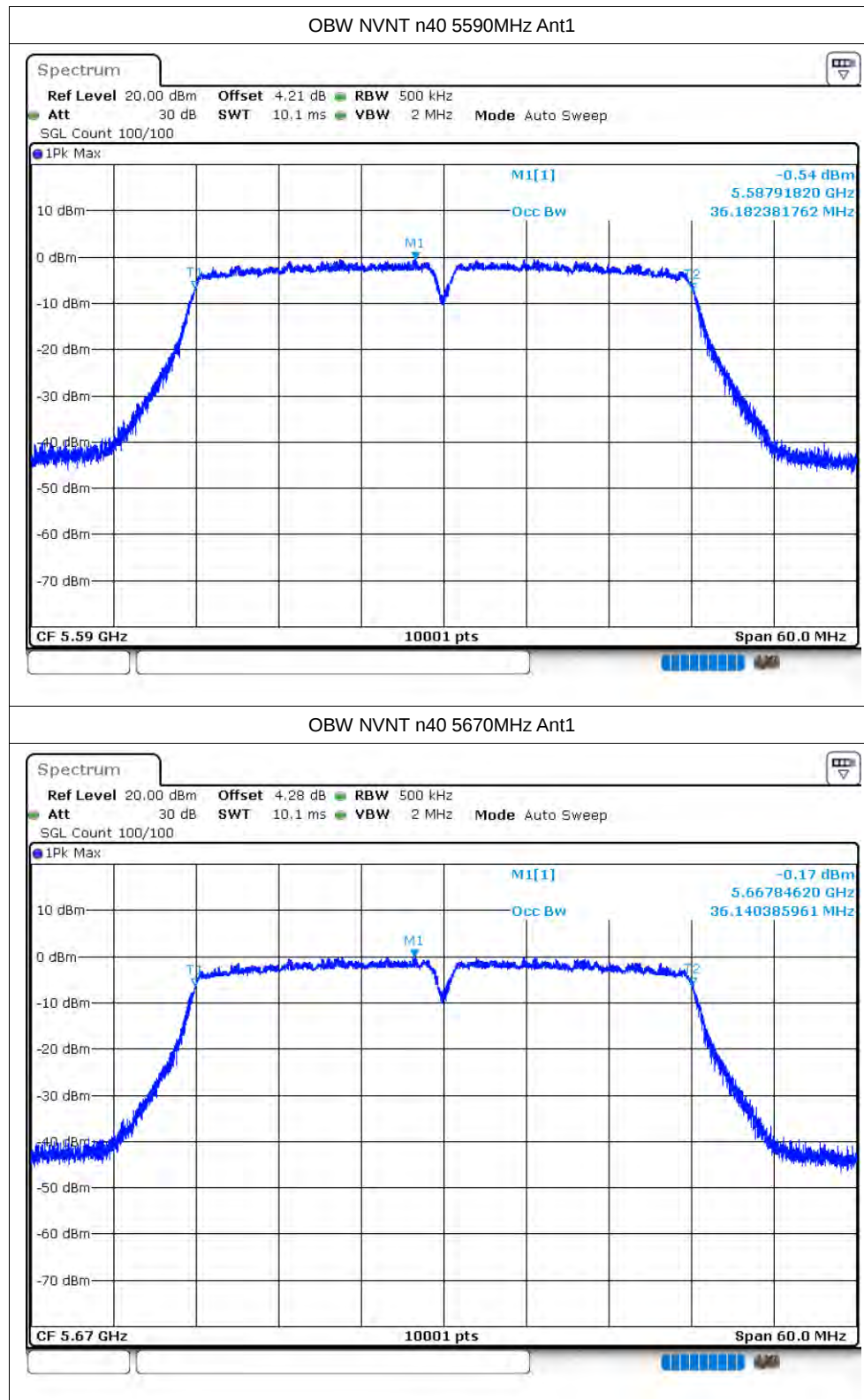


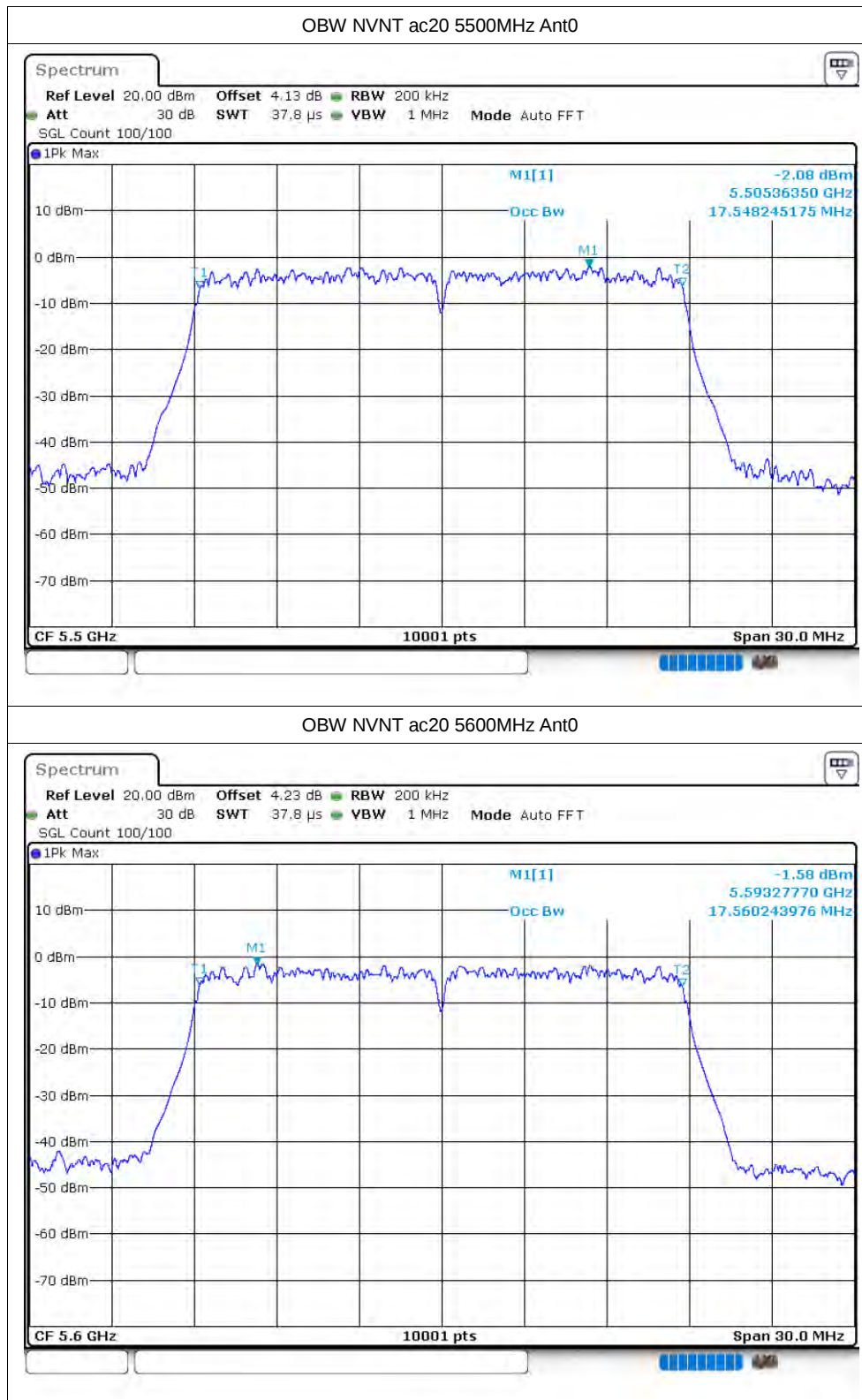


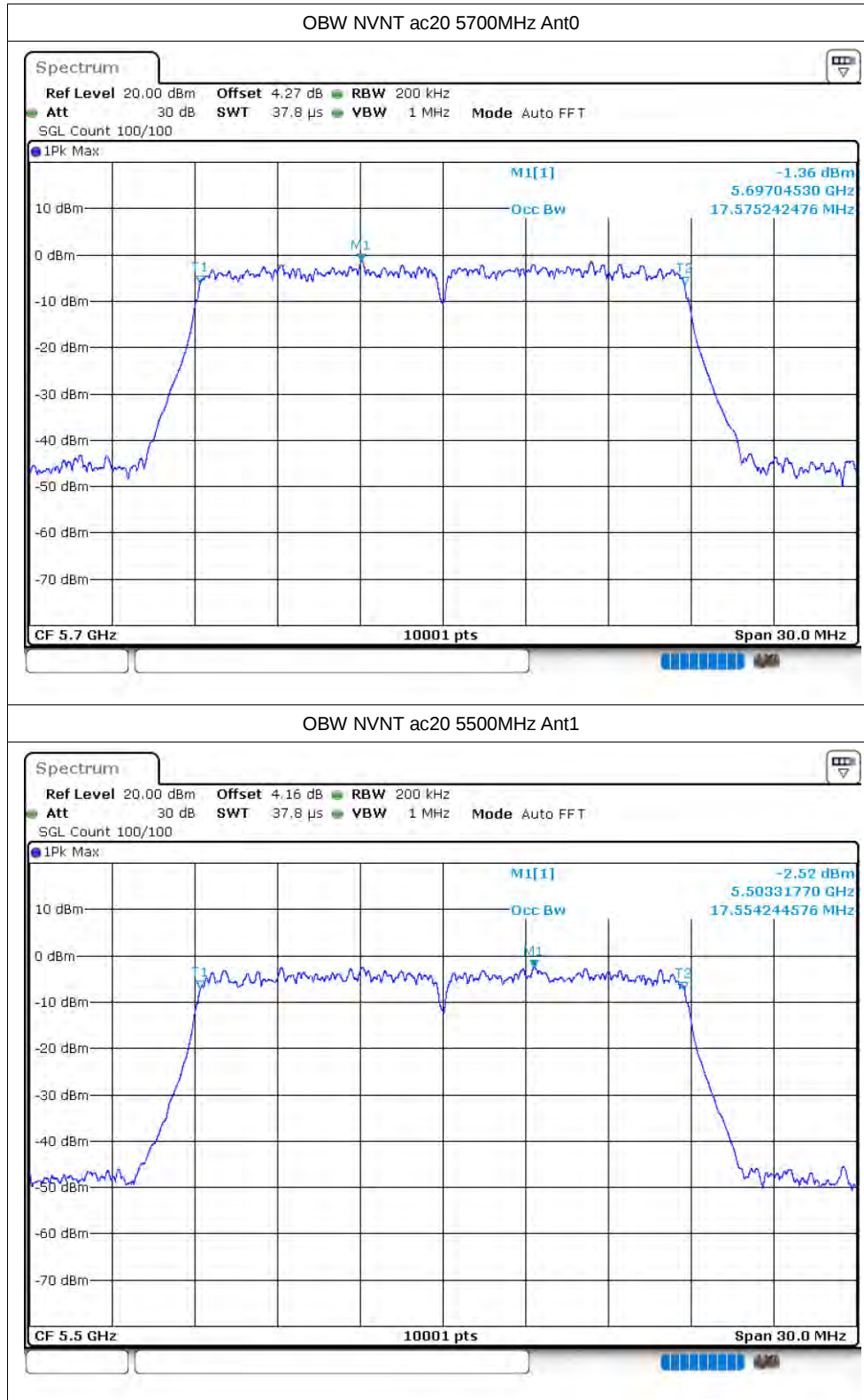




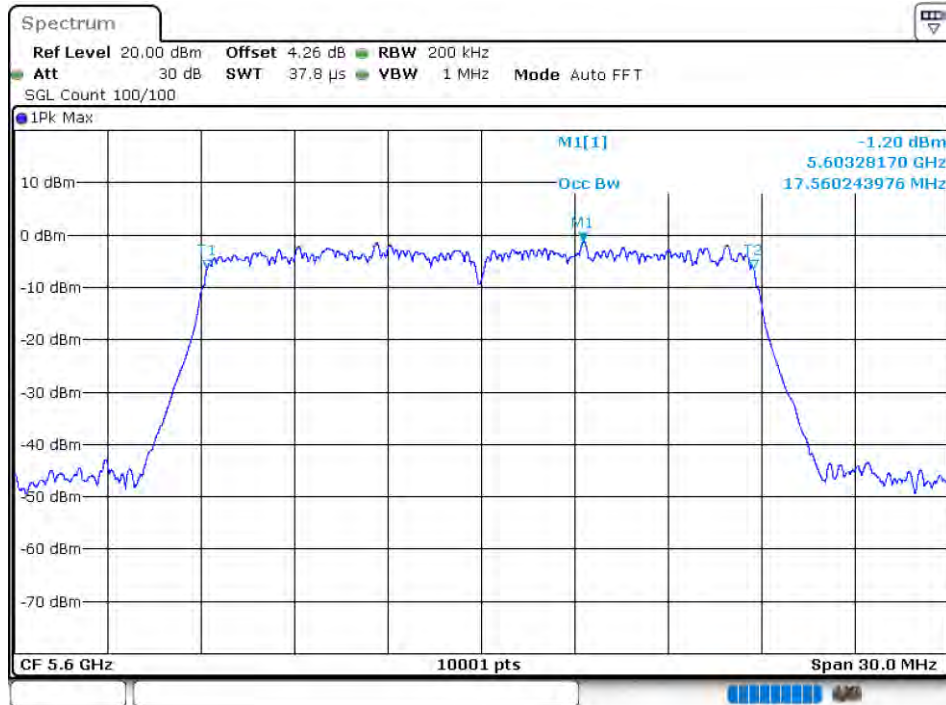




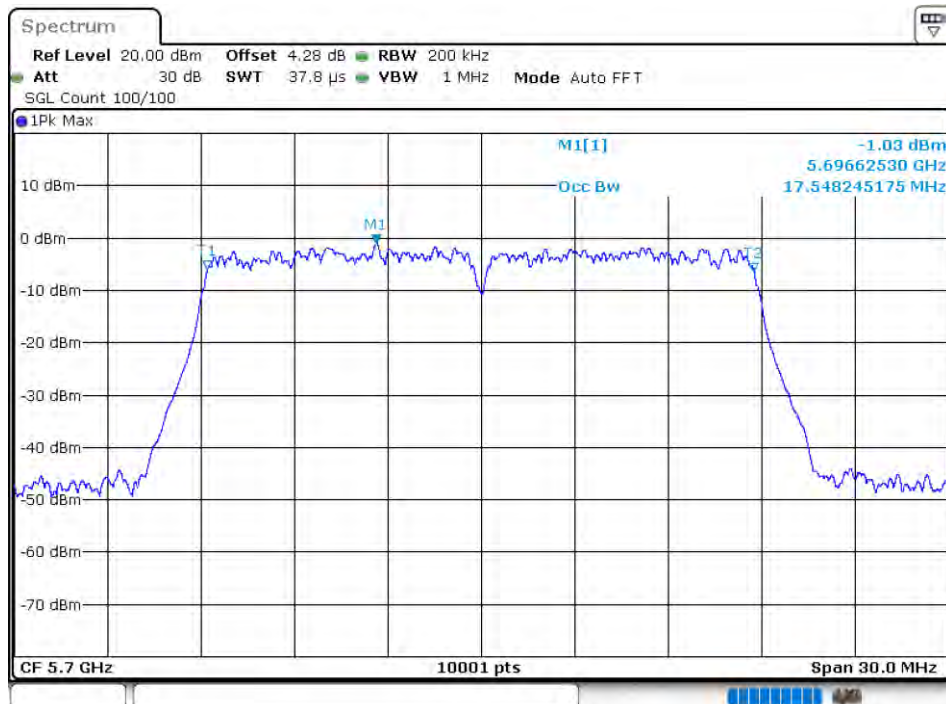


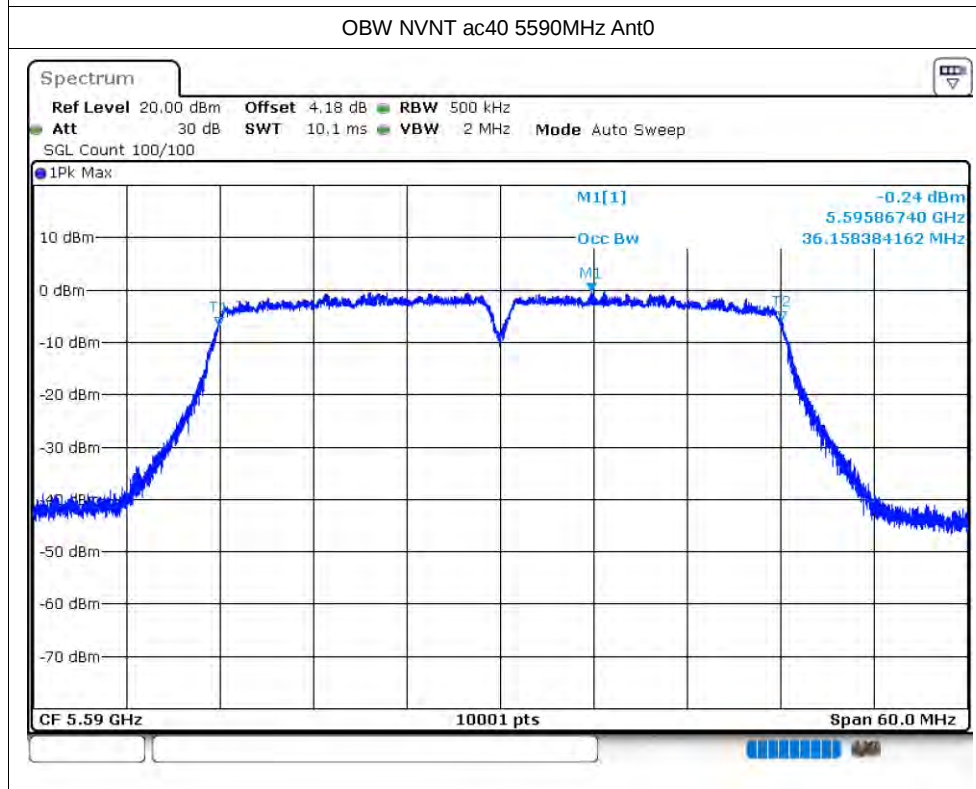
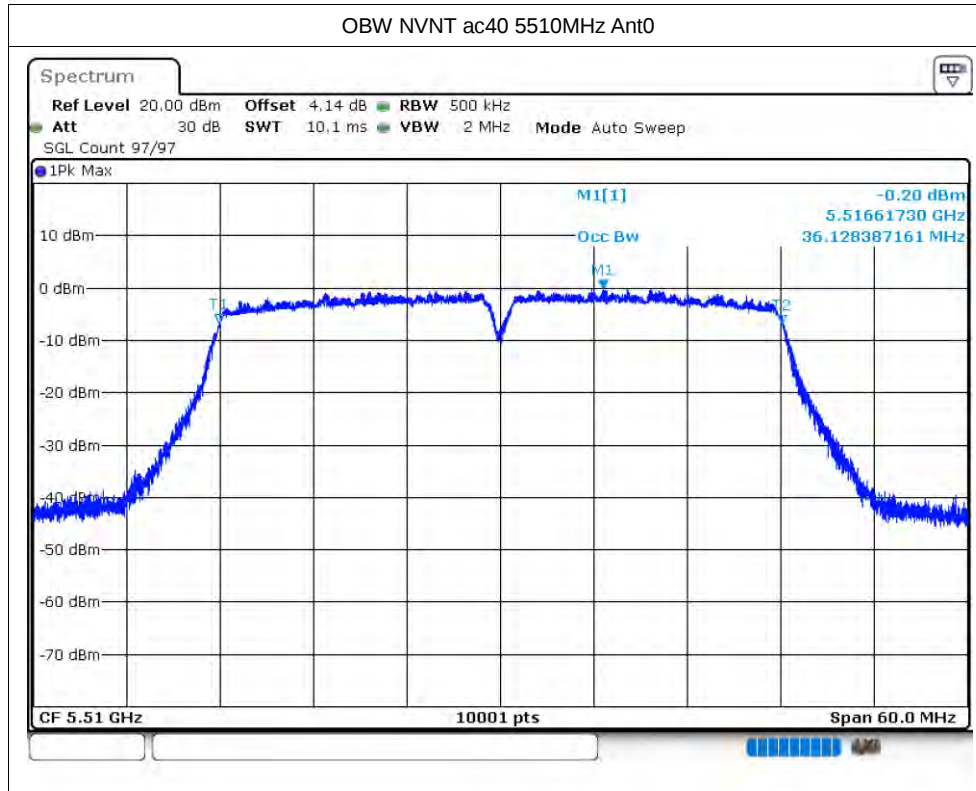


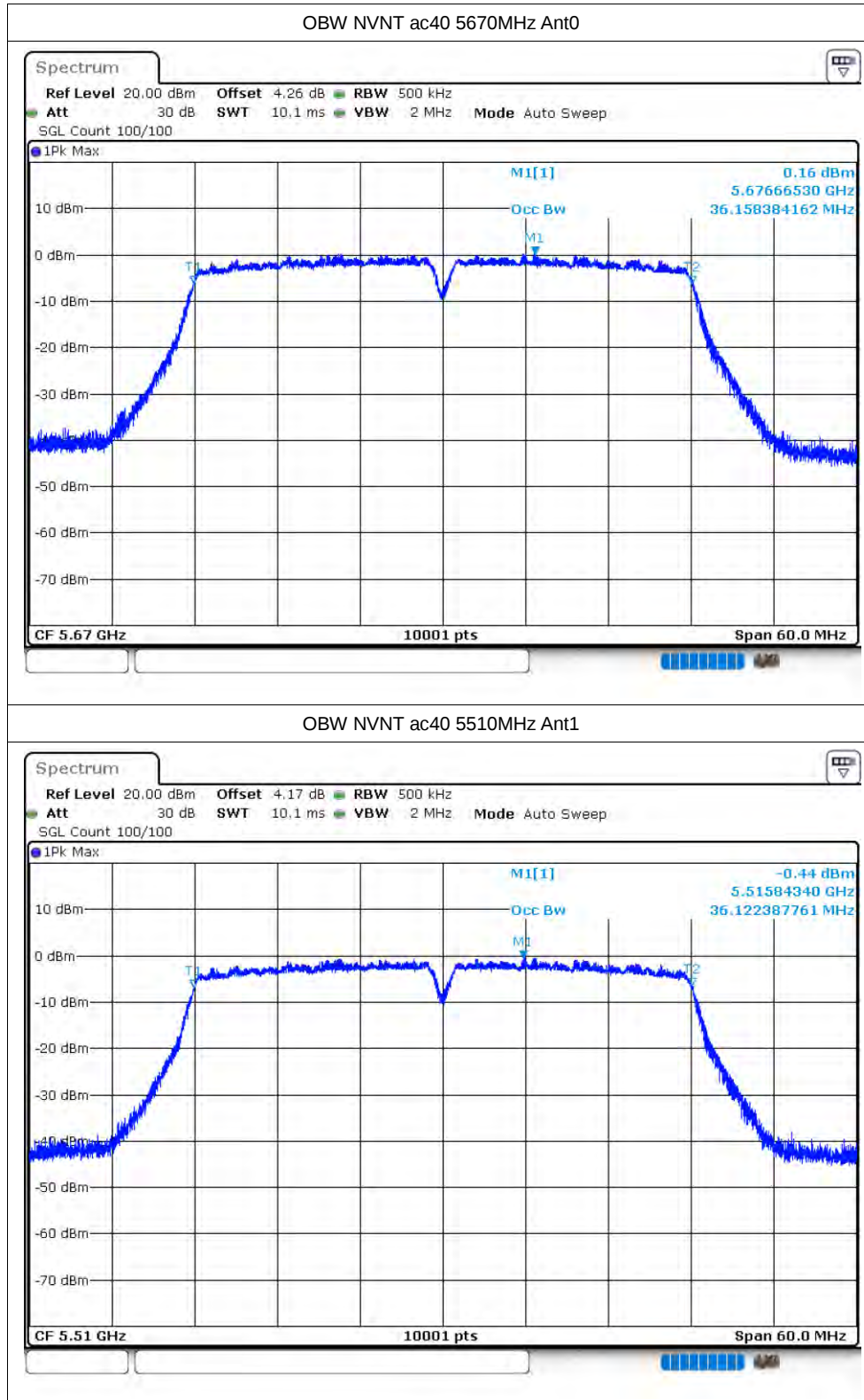
OBW NVNT ac20 5600MHz Ant1

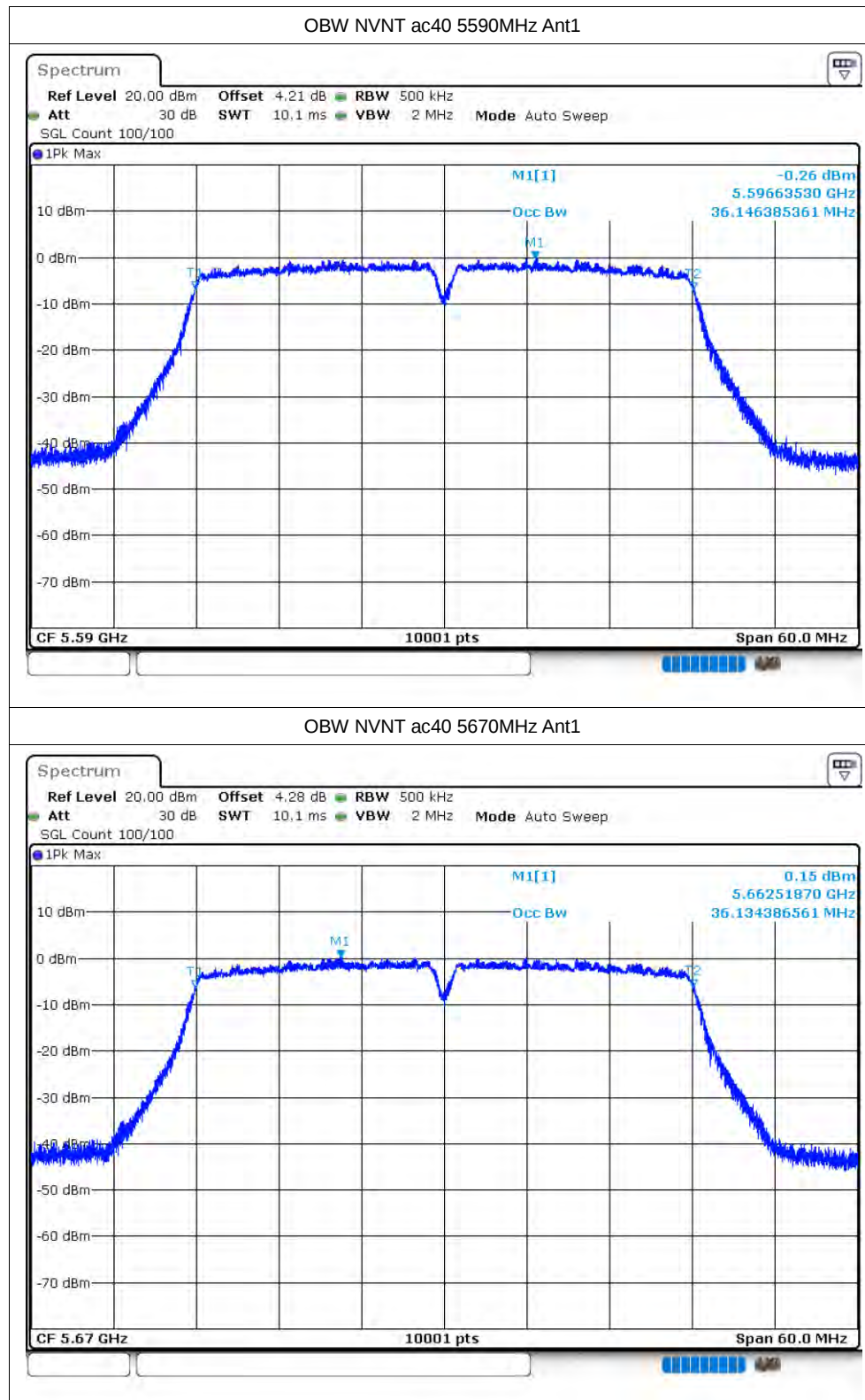


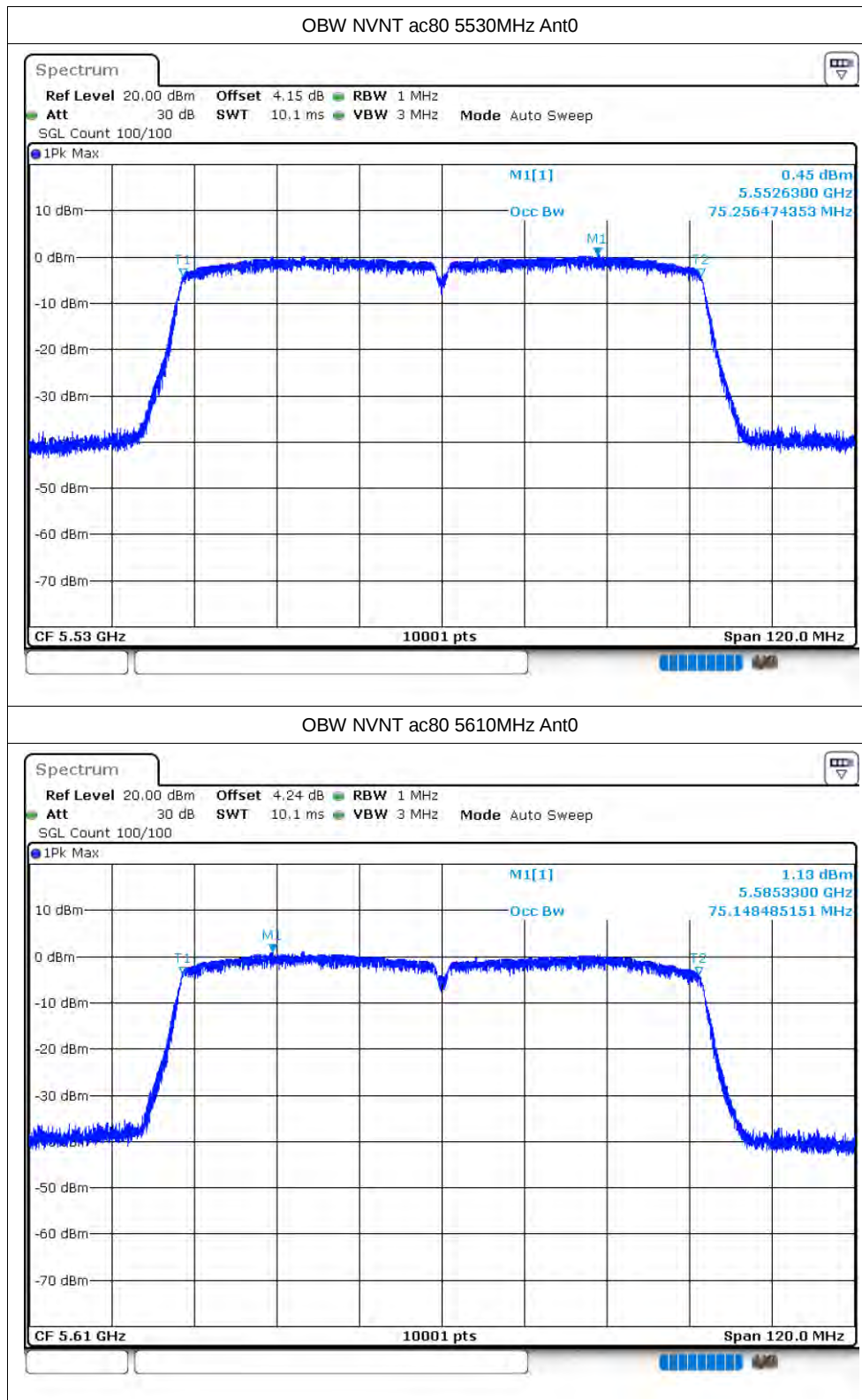
OBW NVNT ac20 5700MHz Ant1

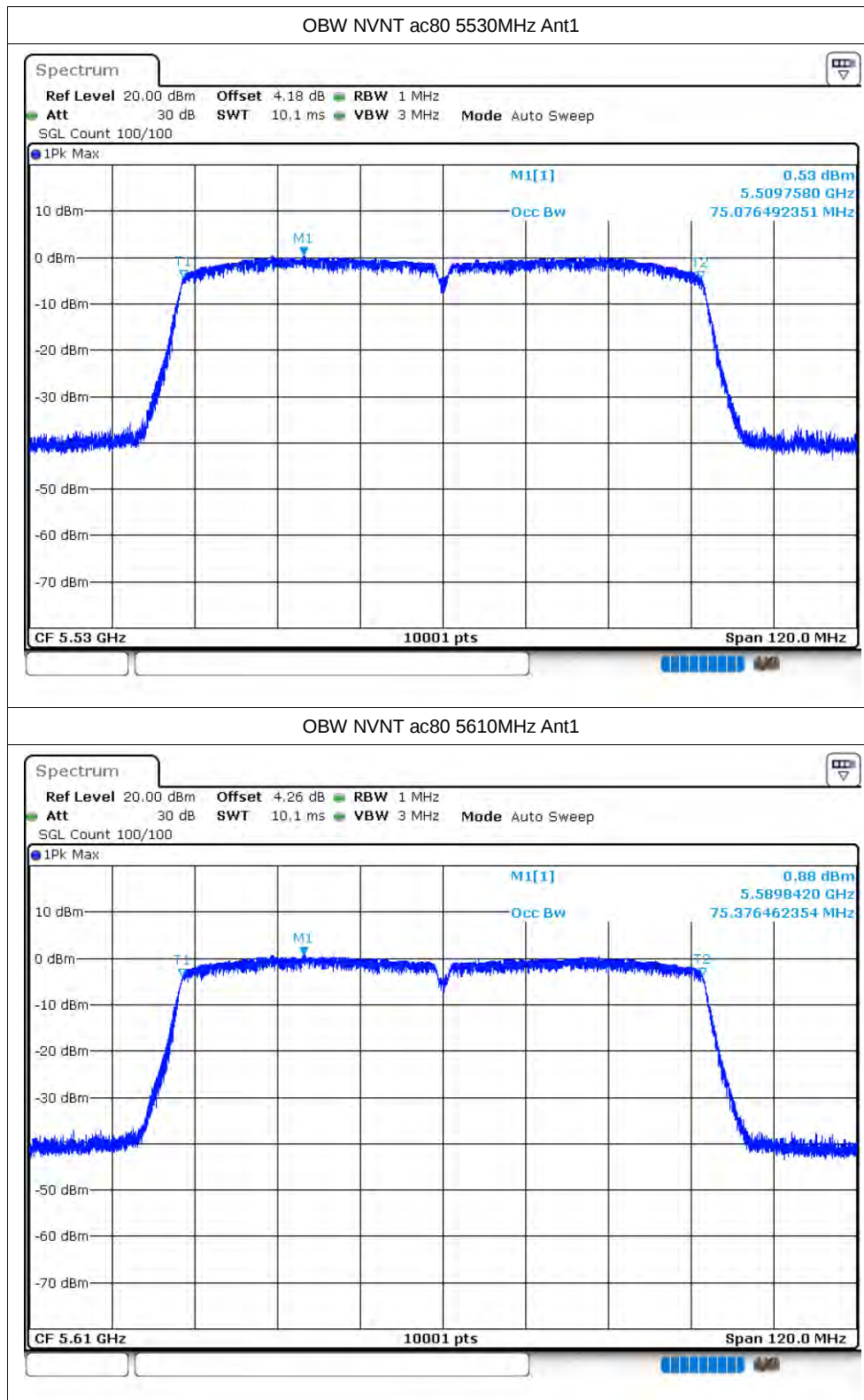












Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant0	-1.44	0	-1.44	11	Pass
NVNT	a	5600	Ant0	-2.42	0	-2.42	11	Pass
NVNT	a	5700	Ant0	-2.13	0	-2.13	11	Pass
NVNT	a	5500	Ant1	-1.97	0	-1.97	11	Pass
NVNT	a	5600	Ant1	-1.72	0	-1.72	11	Pass
NVNT	a	5700	Ant1	-1.85	0	-1.85	11	Pass
NVNT	n20	5500	Ant0	-3	0	-3	11	Pass
NVNT	n20	5600	Ant0	-2.76	0	-2.76	11	Pass
NVNT	n20	5700	Ant0	-2.28	0	-2.28	11	Pass
NVNT	n20	5500	Ant1	-3.16	0	-3.16	11	Pass
NVNT	n20	5600	Ant1	-2.21	0	-2.21	11	Pass
NVNT	n20	5700	Ant1	-2.11	0	-2.11	11	Pass
NVNT	n40	5510	Ant0	-5.74	0	-5.74	11	Pass
NVNT	n40	5590	Ant0	-6	0	-6	11	Pass
NVNT	n40	5670	Ant0	-5.66	0	-5.66	11	Pass
NVNT	n40	5510	Ant1	-5.83	0	-5.83	11	Pass
NVNT	n40	5590	Ant1	-5.64	0	-5.64	11	Pass
NVNT	n40	5670	Ant1	-5.1	0	-5.1	11	Pass
NVNT	ac20	5500	Ant0	-2.92	0	-2.92	11	Pass
NVNT	ac20	5600	Ant0	-2.75	0	-2.75	11	Pass
NVNT	ac20	5700	Ant0	-2.69	0	-2.69	11	Pass
NVNT	ac20	5500	Ant1	-2.95	0	-2.95	11	Pass
NVNT	ac20	5600	Ant1	-2.3	0	-2.3	11	Pass
NVNT	ac20	5700	Ant1	-2.05	0	-2.05	11	Pass
NVNT	ac40	5510	Ant0	-5.88	0	-5.88	11	Pass
NVNT	ac40	5590	Ant0	-6.08	0	-6.08	11	Pass
NVNT	ac40	5670	Ant0	-5.59	0	-5.59	11	Pass
NVNT	ac40	5510	Ant1	-5.71	0	-5.71	11	Pass
NVNT	ac40	5590	Ant1	-5.55	0	-5.55	11	Pass
NVNT	ac40	5670	Ant1	-4.56	0	-4.56	11	Pass
NVNT	ac80	5530	Ant0	-9.34	0	-9.34	11	Pass
NVNT	ac80	5610	Ant0	-8.68	0	-8.68	11	Pass
NVNT	ac80	5530	Ant1	-8.46	0	-8.46	11	Pass
NVNT	ac80	5610	Ant1	-8.43	0	-8.43	11	Pass