

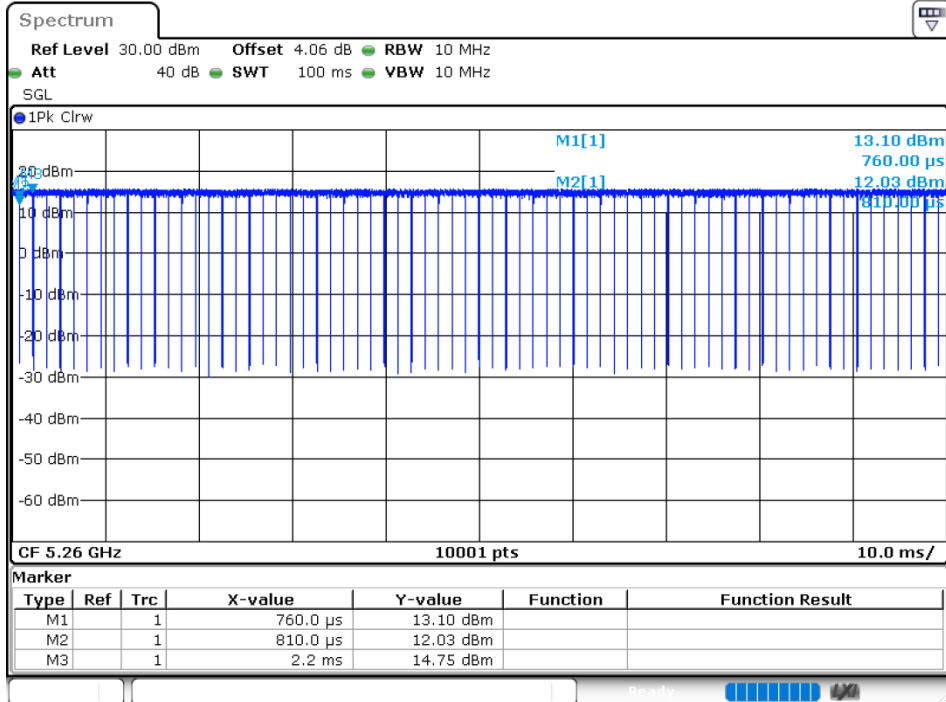
5.3G WIFI

Duty Cycle

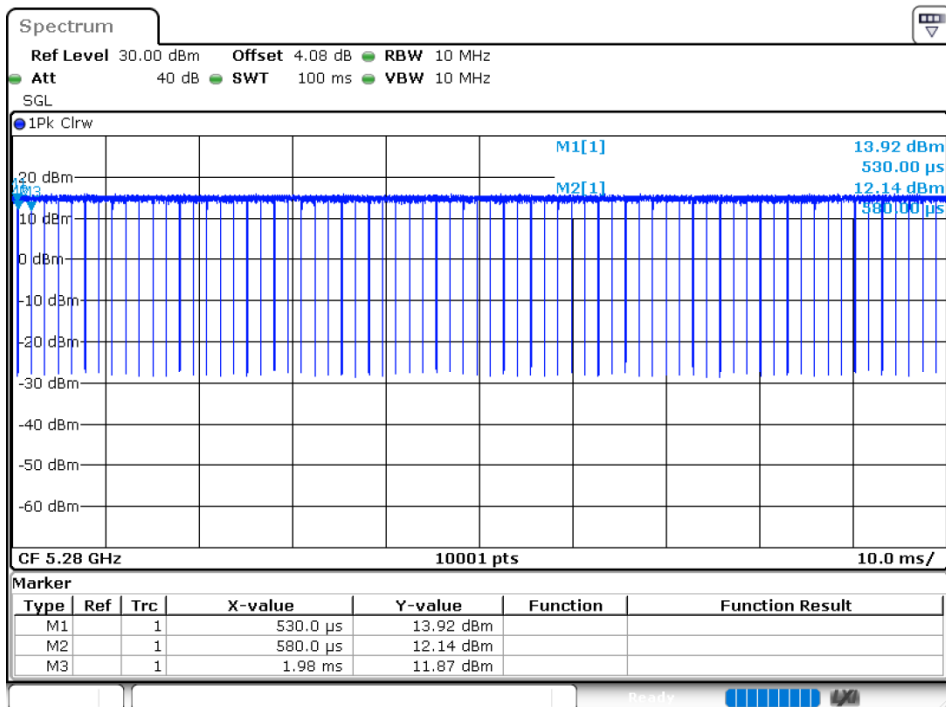
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	96.98	0.13	0.72
NVNT	a	5280	Ant1	96.98	0.13	0.71
NVNT	a	5320	Ant1	96.95	0.13	0.72
NVNT	a	5260	Ant2	96.98	0.13	0.72
NVNT	a	5280	Ant2	96.98	0.13	0.72
NVNT	a	5320	Ant2	97	0.13	0.71
NVNT	n20	5260	Ant1	96.75	0.14	0.77
NVNT	n20	5280	Ant1	96.75	0.14	0.77
NVNT	n20	5320	Ant1	96.76	0.14	0.77
NVNT	n20	5260	Ant2	96.79	0.14	0.77
NVNT	n20	5280	Ant2	96.76	0.14	0.77
NVNT	n20	5320	Ant2	96.75	0.14	0.77
NVNT	n40	5270	Ant1	93.84	0.28	1.54
NVNT	n40	5310	Ant1	93.86	0.28	1.54
NVNT	n40	5270	Ant2	93.89	0.27	1.54
NVNT	n40	5310	Ant2	93.9	0.27	1.54
NVNT	ac20	5260	Ant1	96.8	0.14	0.76
NVNT	ac20	5280	Ant1	96.76	0.14	0.76
NVNT	ac20	5320	Ant1	96.79	0.14	0.76
NVNT	ac20	5260	Ant2	96.77	0.14	0.76
NVNT	ac20	5280	Ant2	96.8	0.14	0.76
NVNT	ac20	5320	Ant2	96.8	0.14	0.76
NVNT	ac40	5270	Ant1	93.61	0.29	1.54
NVNT	ac40	5310	Ant1	94.08	0.26	1.54
NVNT	ac40	5270	Ant2	94.32	0.25	1.54
NVNT	ac40	5310	Ant2	93.66	0.28	1.54
NVNT	ac80	5290	Ant1	88.65	0.52	3.13
NVNT	ac80	5290	Ant2	88.68	0.52	3.03

Test Graphs

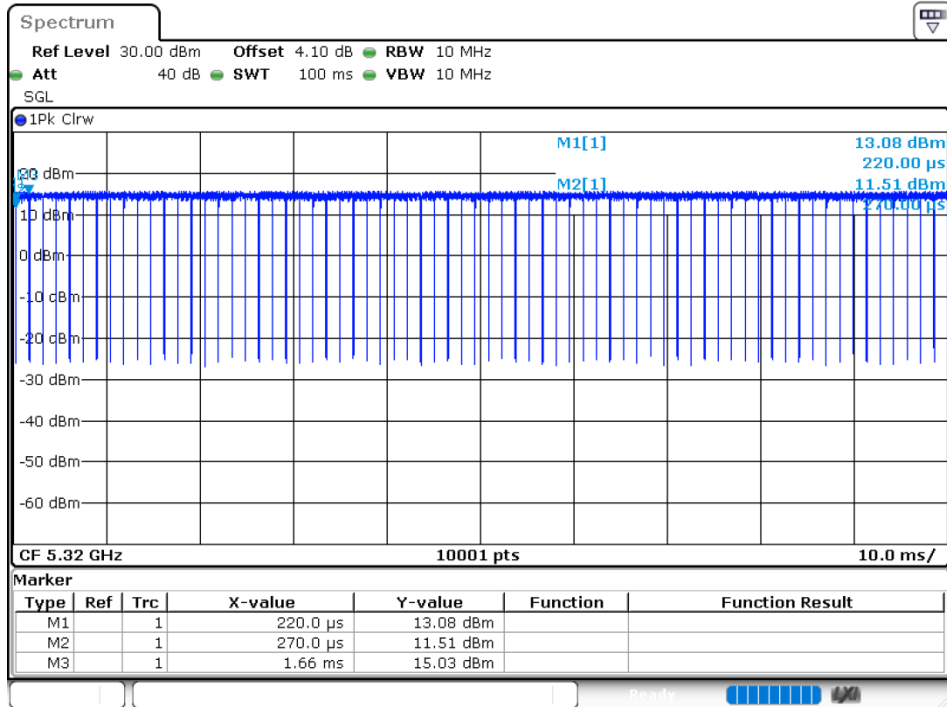
Duty Cycle NVNT a 5260MHz Ant1



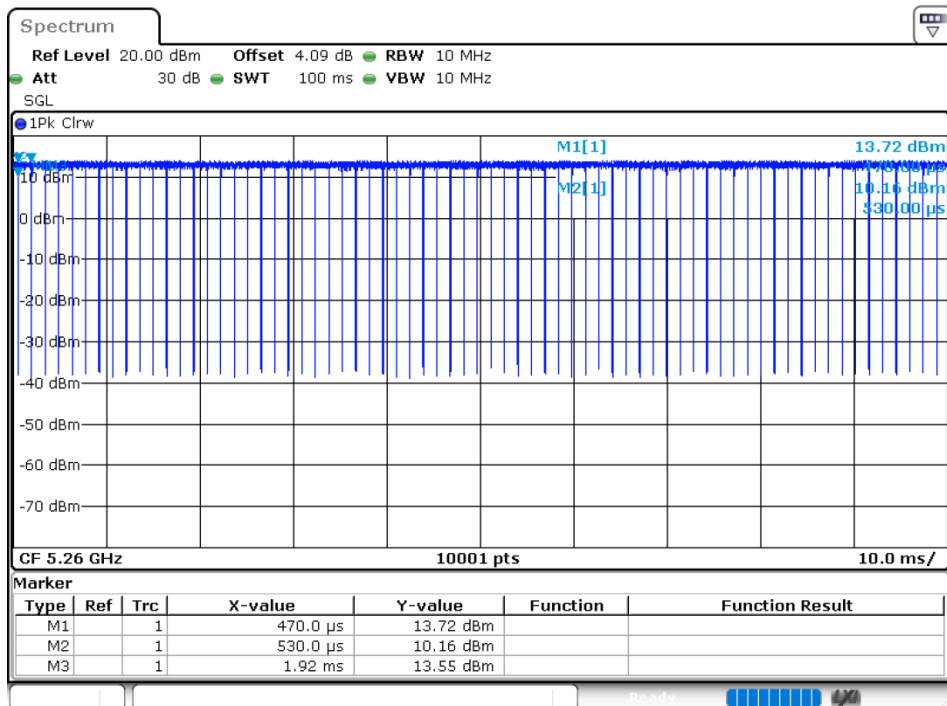
Duty Cycle NVNT a 5280MHz Ant1



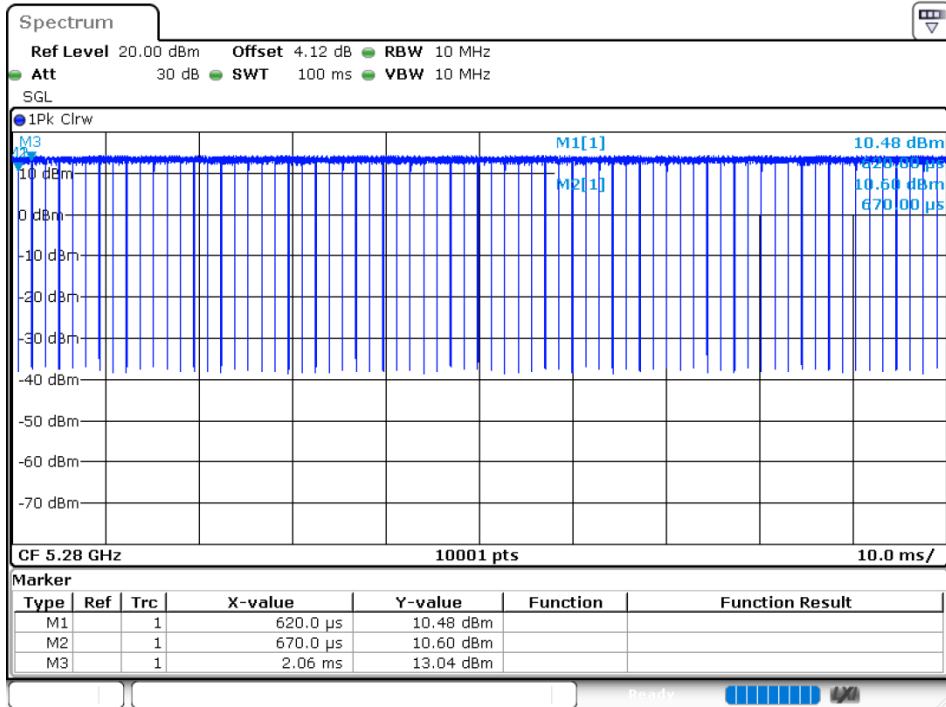
Duty Cycle NVNT a 5320MHz Ant1



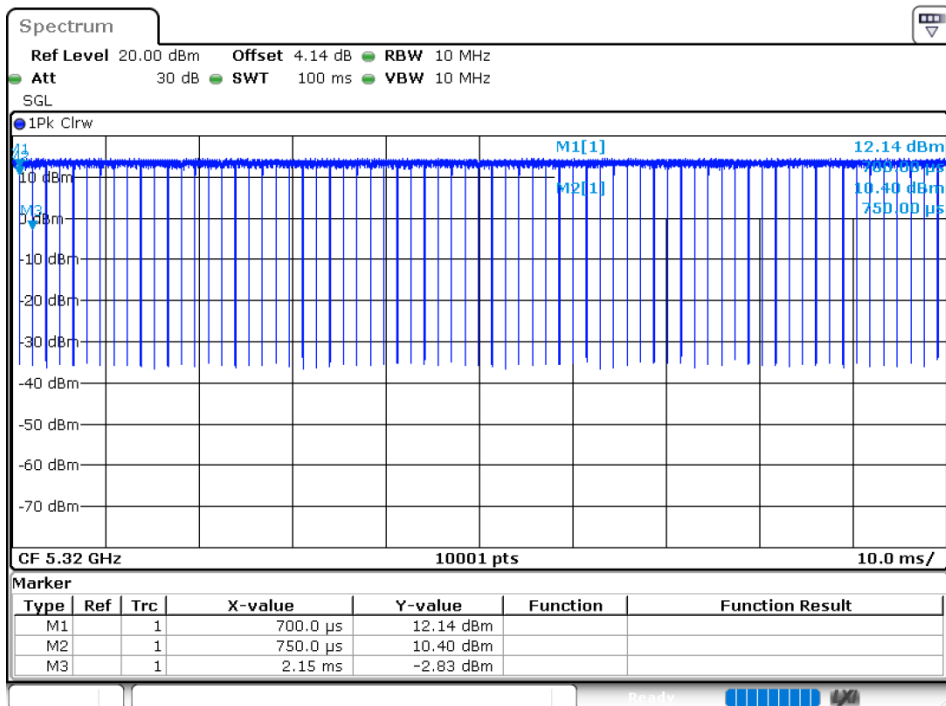
Duty Cycle NVNT a 5260MHz Ant2



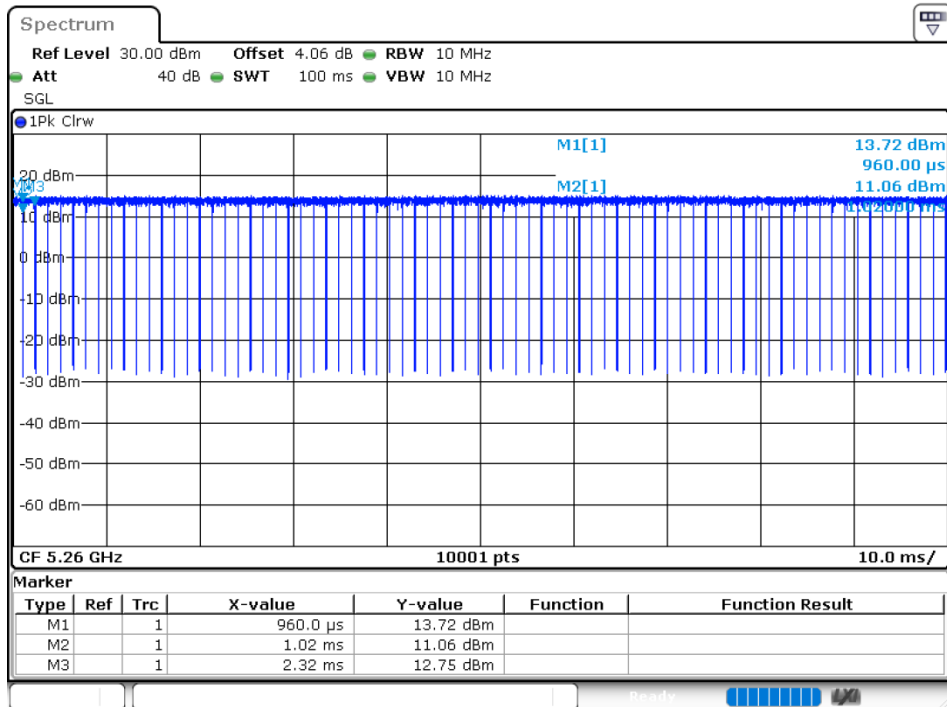
Duty Cycle NVNT a 5280MHz Ant2



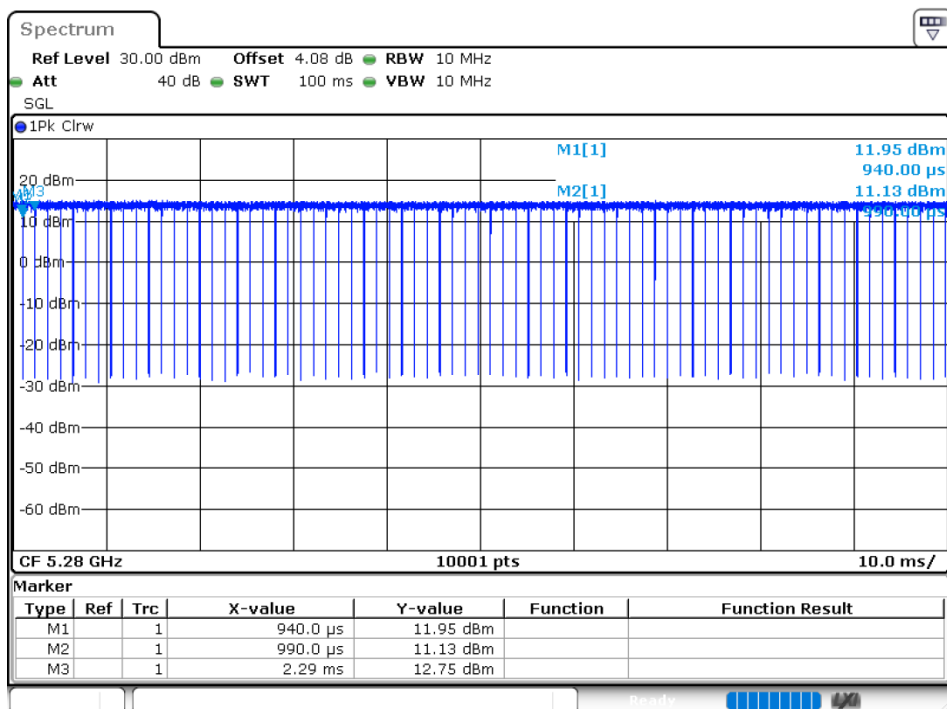
Duty Cycle NVNT a 5320MHz Ant2



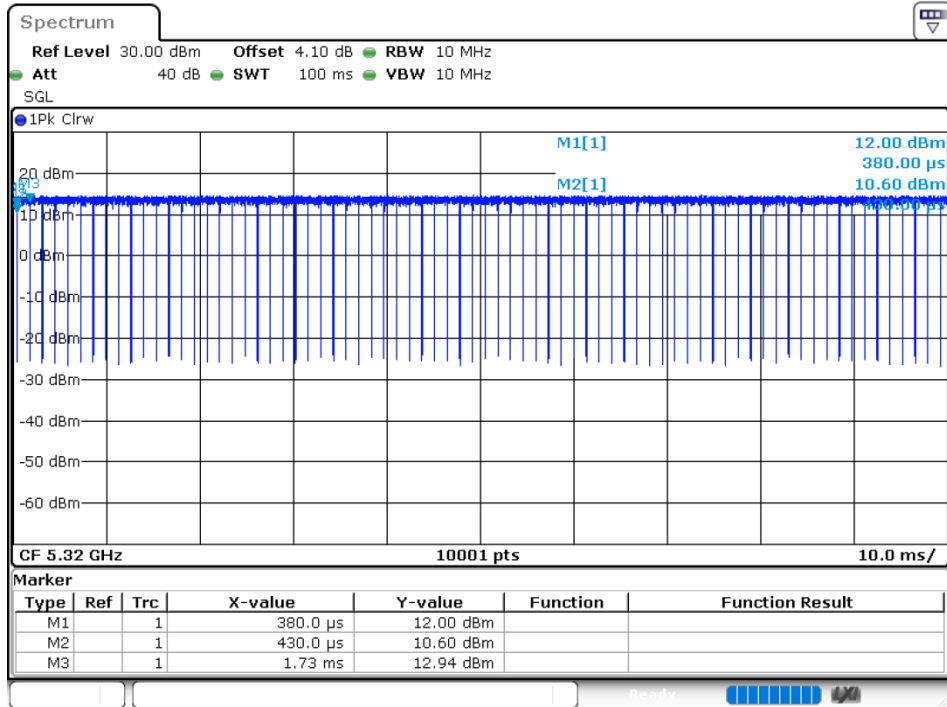
Duty Cycle NVNT n20 5260MHz Ant1



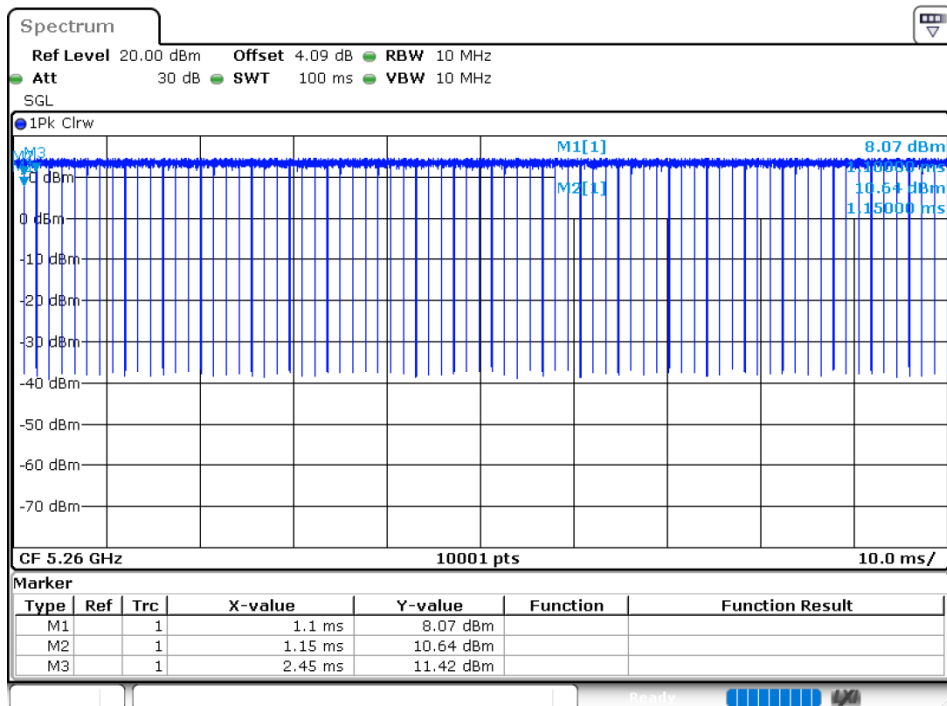
Duty Cycle NVNT n20 5280MHz Ant1



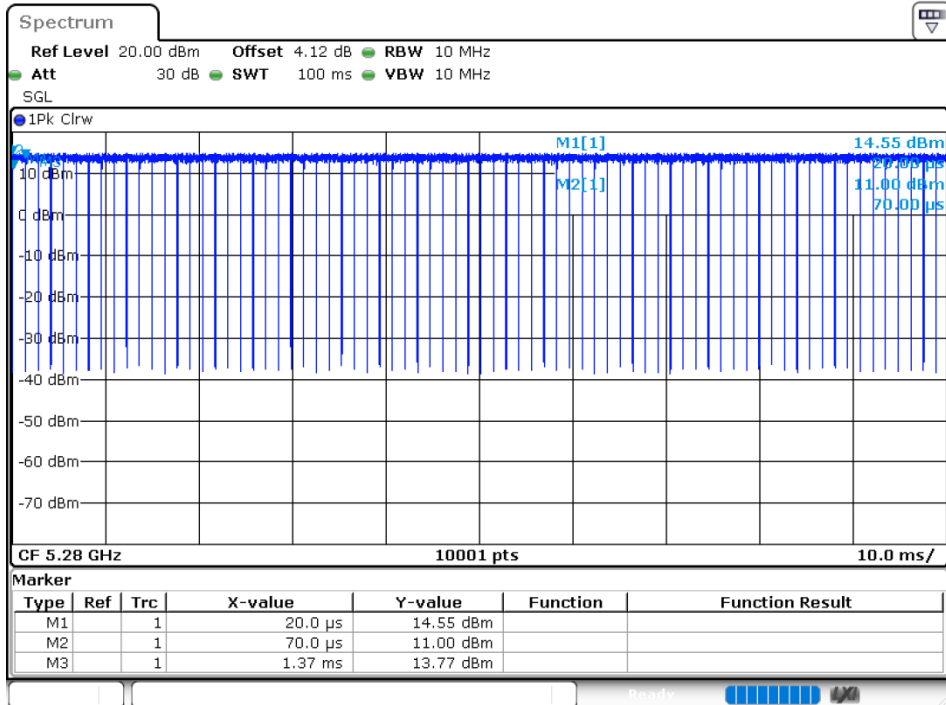
Duty Cycle NVNT n20 5320MHz Ant1



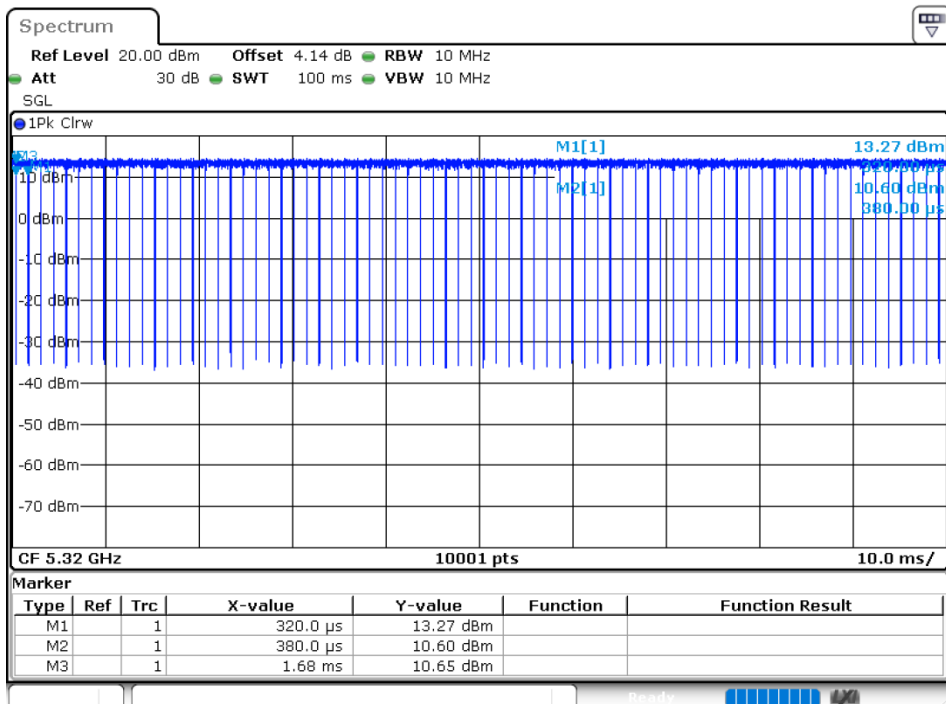
Duty Cycle NVNT n20 5260MHz Ant2



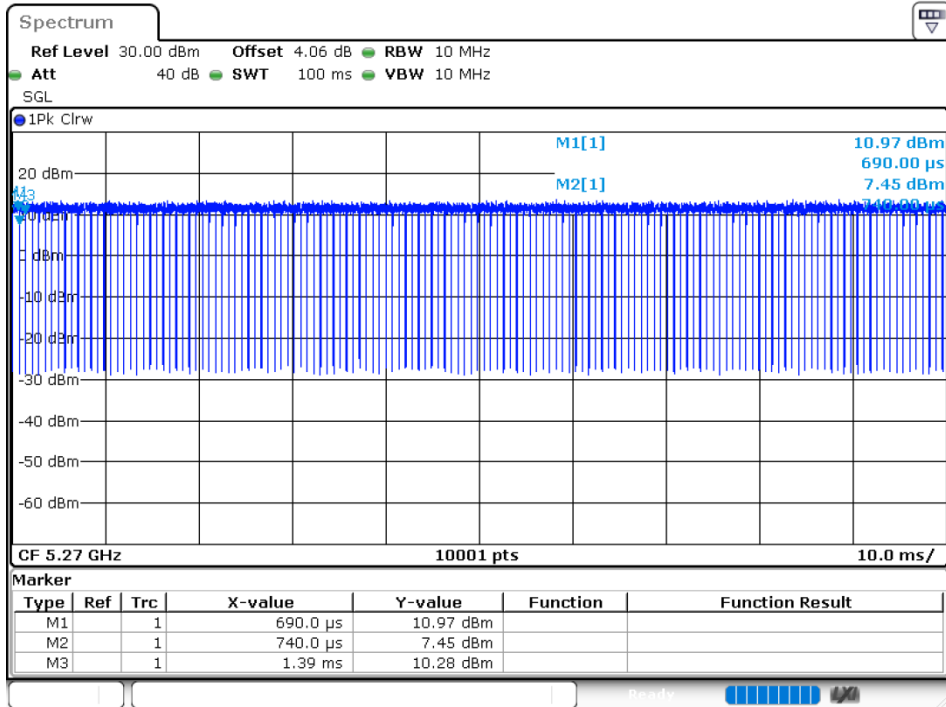
Duty Cycle NVNT n20 5280MHz Ant2



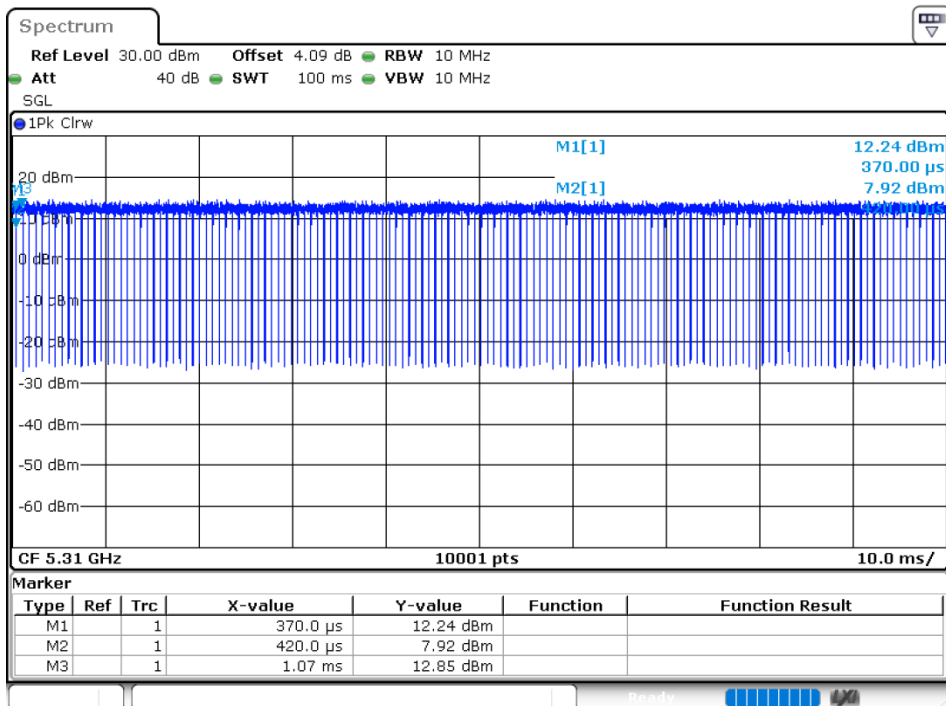
Duty Cycle NVNT n20 5320MHz Ant2



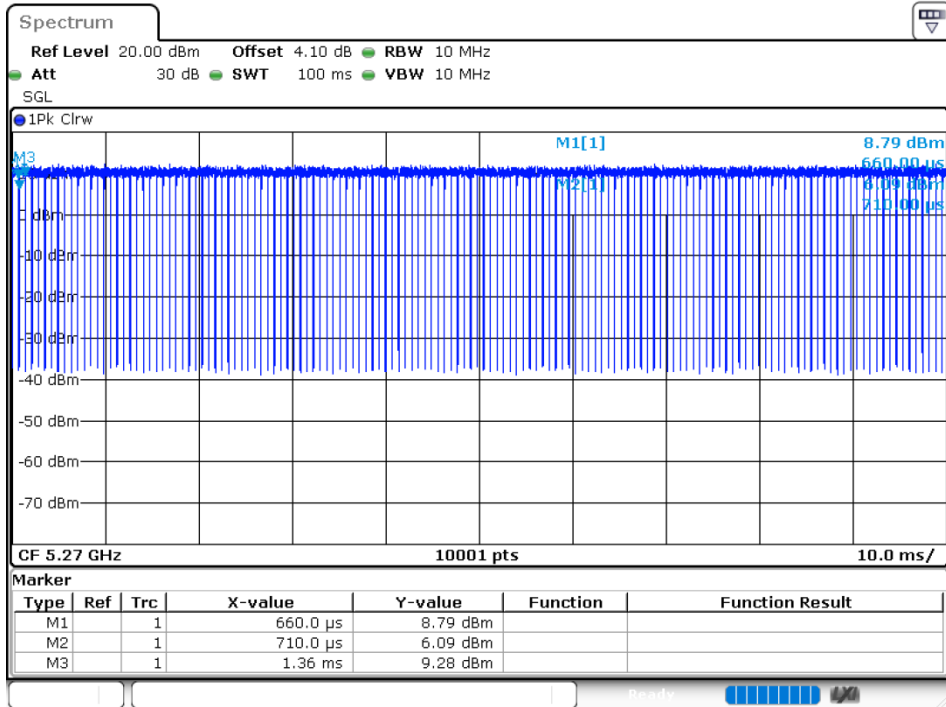
Duty Cycle NVNT n40 5270MHz Ant1



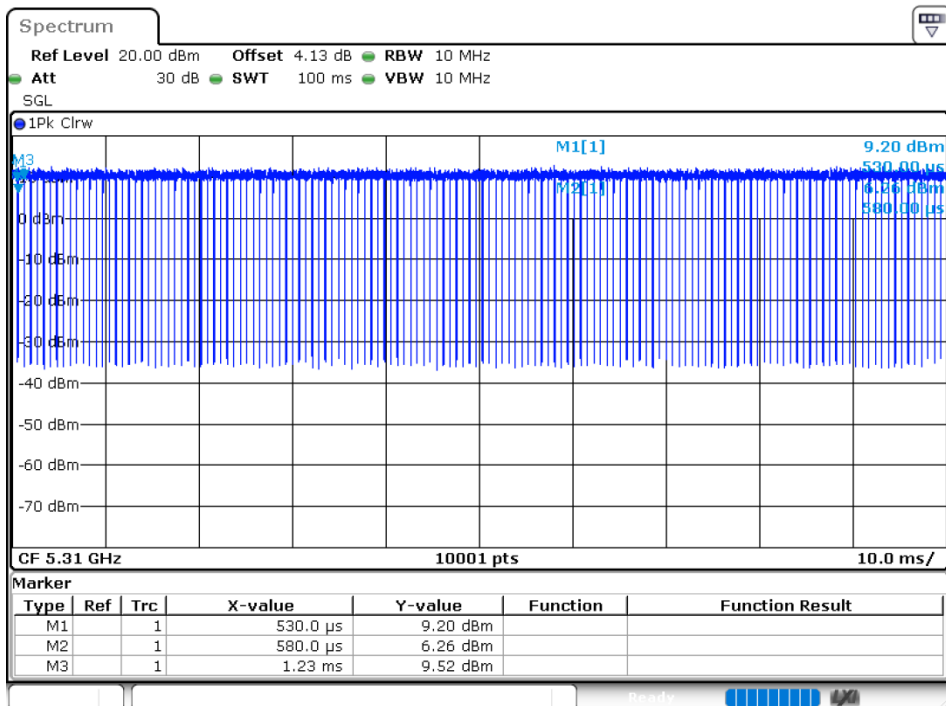
Duty Cycle NVNT n40 5310MHz Ant1



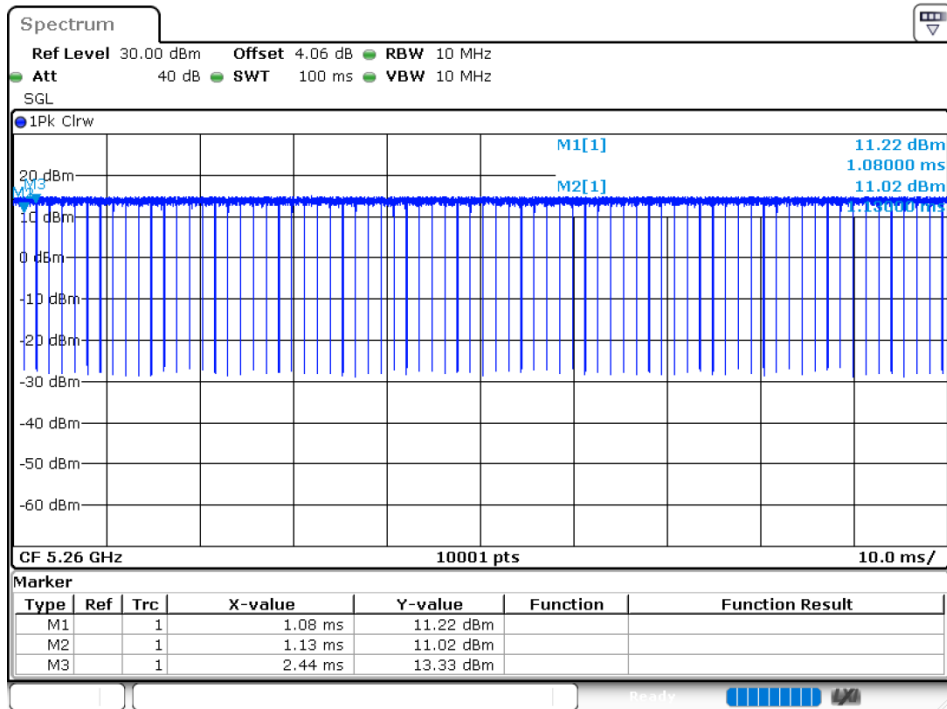
Duty Cycle NVNT n40 5270MHz Ant2



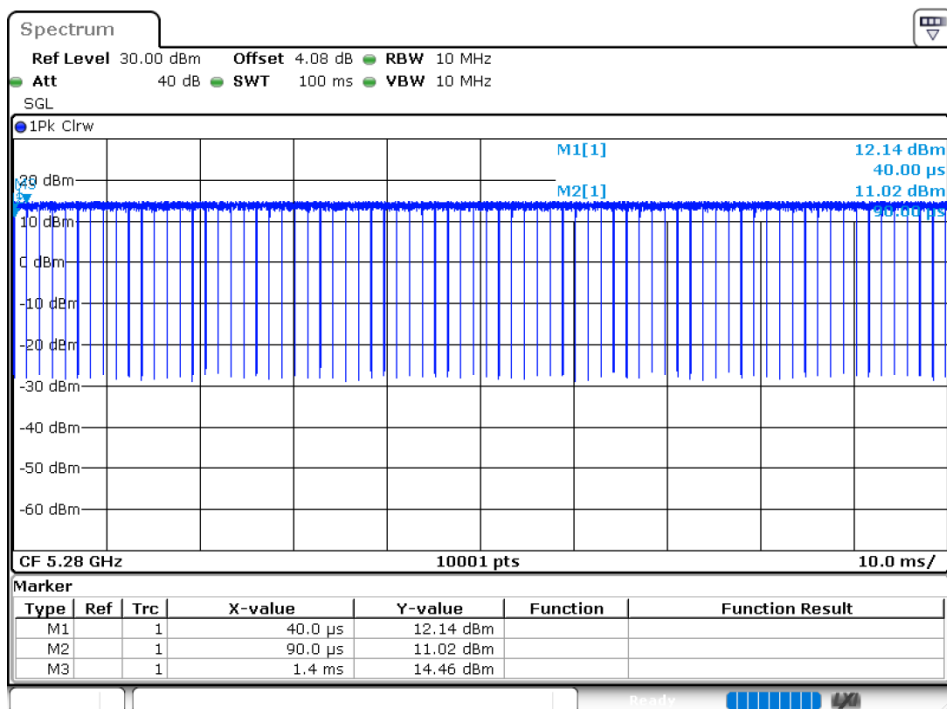
Duty Cycle NVNT n40 5310MHz Ant2



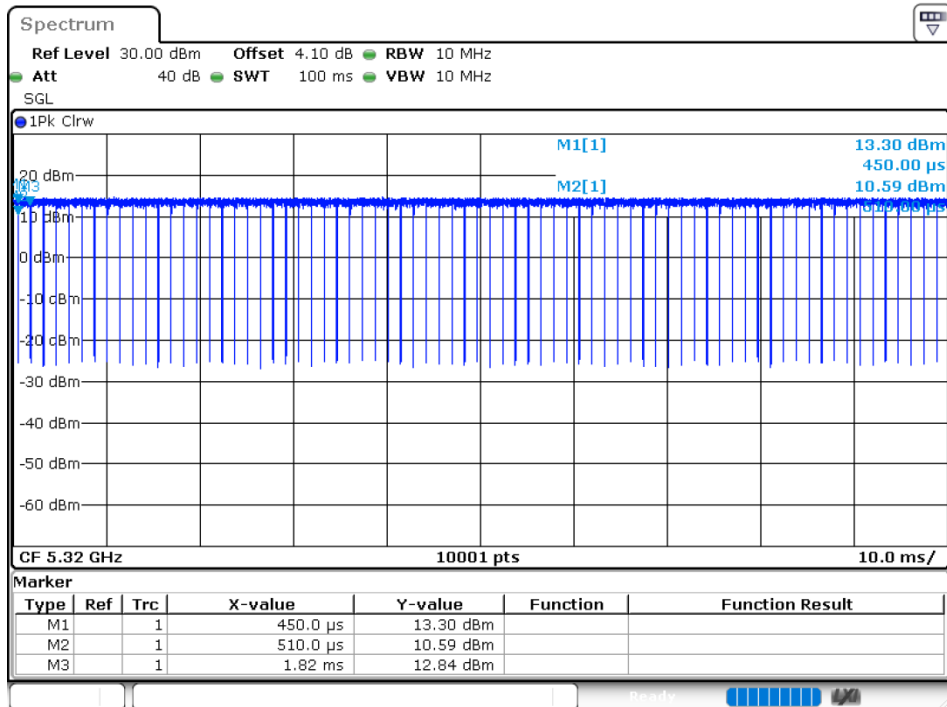
Duty Cycle NVNT ac20 5260MHz Ant1



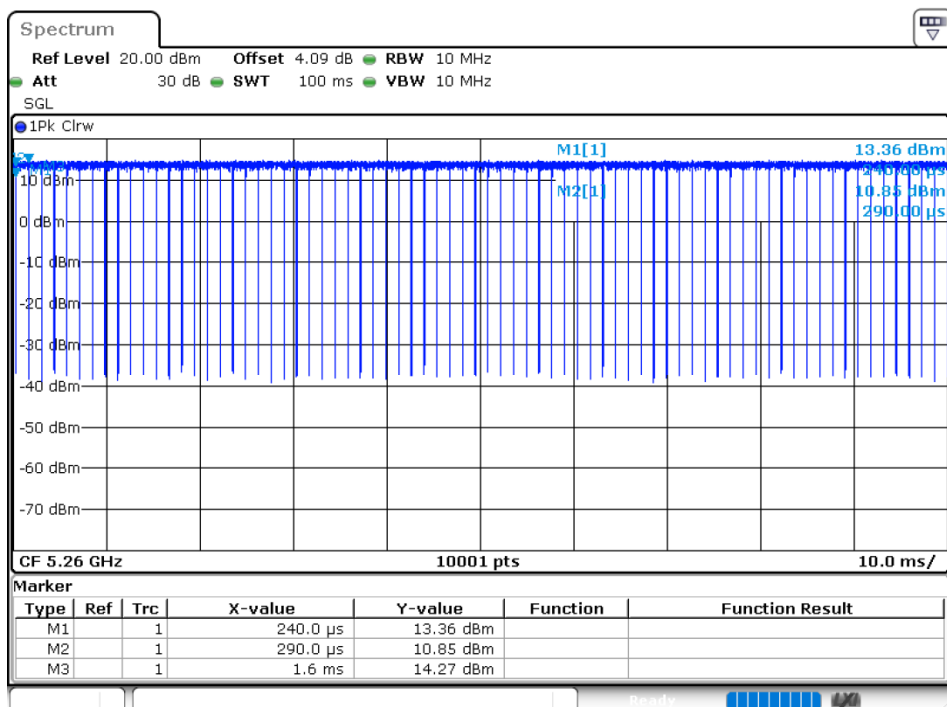
Duty Cycle NVNT ac20 5280MHz Ant1



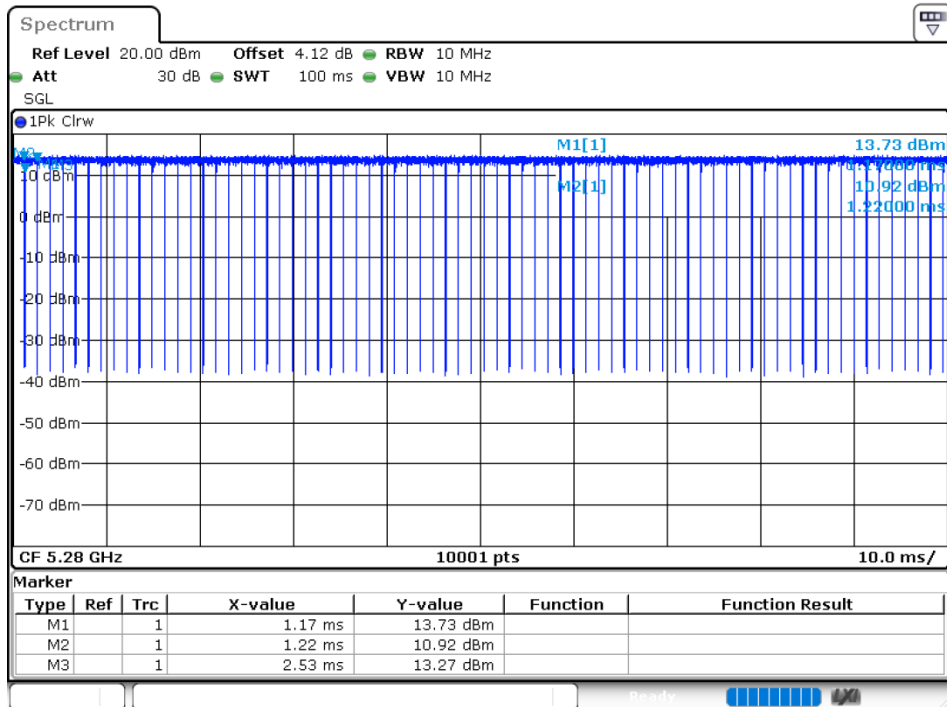
Duty Cycle NVNT ac20 5320MHz Ant1



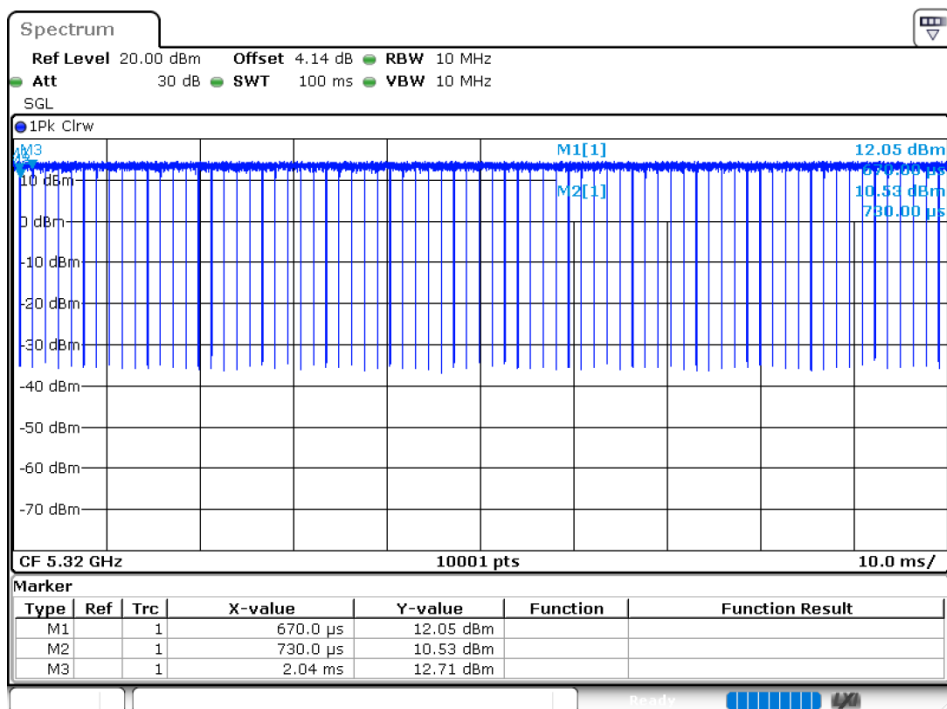
Duty Cycle NVNT ac20 5260MHz Ant2



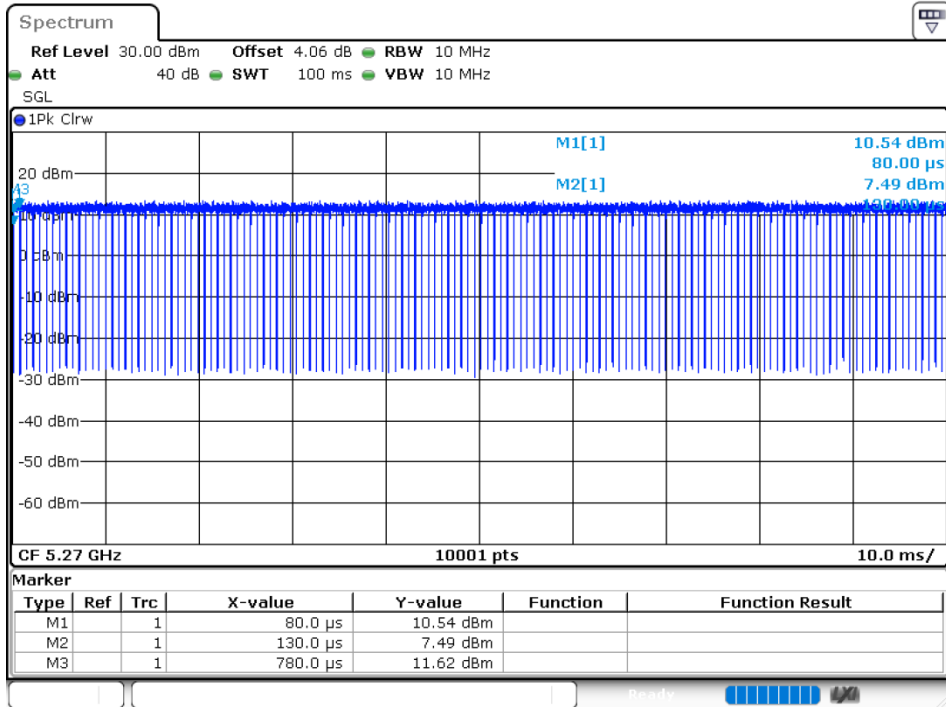
Duty Cycle NVNT ac20 5280MHz Ant2



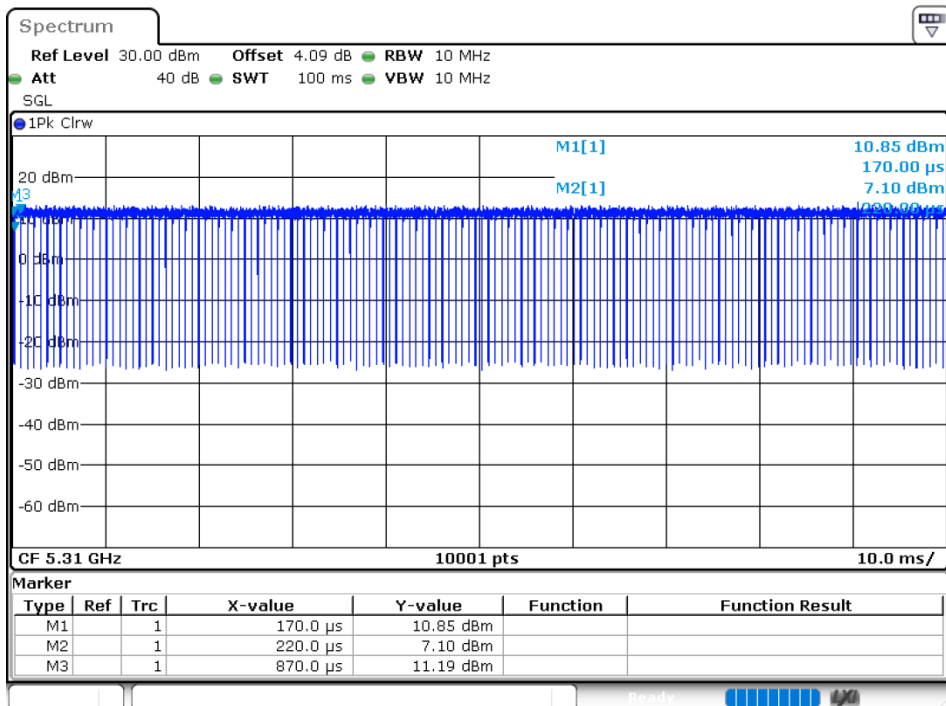
Duty Cycle NVNT ac20 5320MHz Ant2



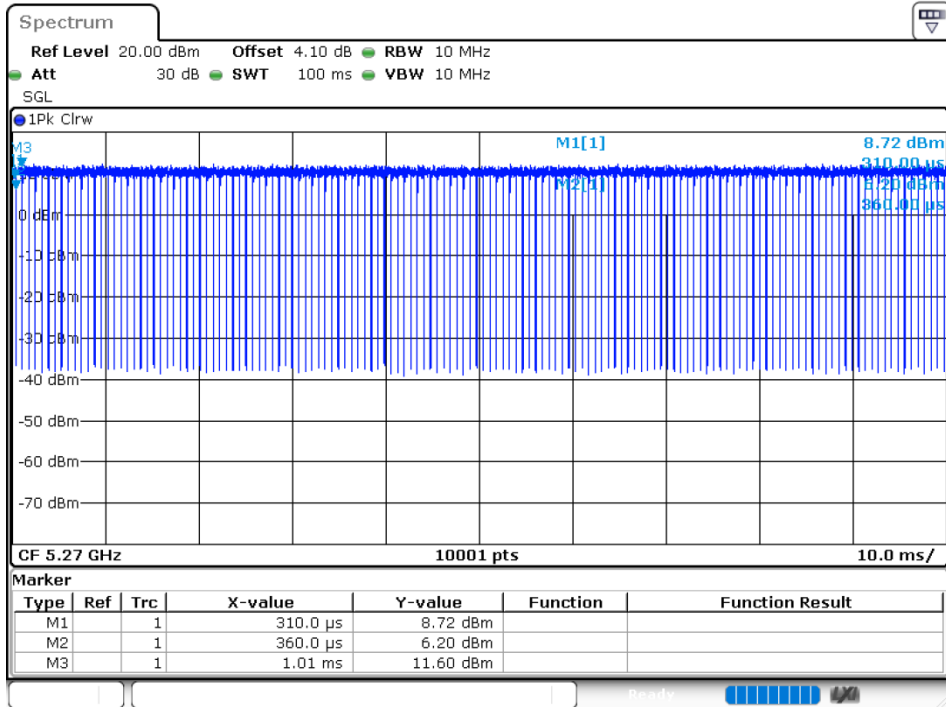
Duty Cycle NVNT ac40 5270MHz Ant1



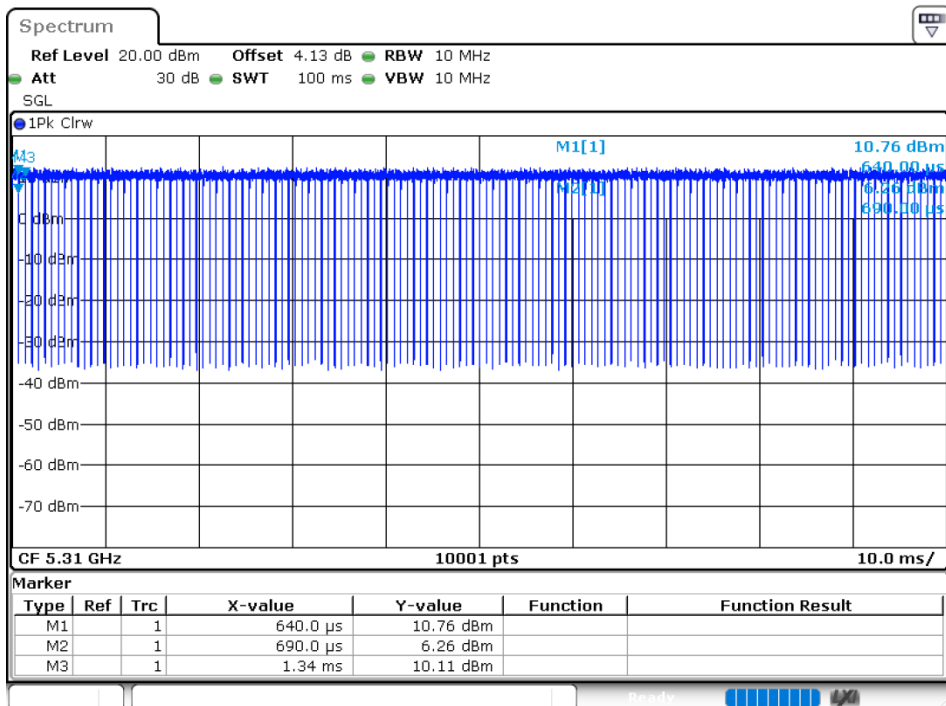
Duty Cycle NVNT ac40 5310MHz Ant1



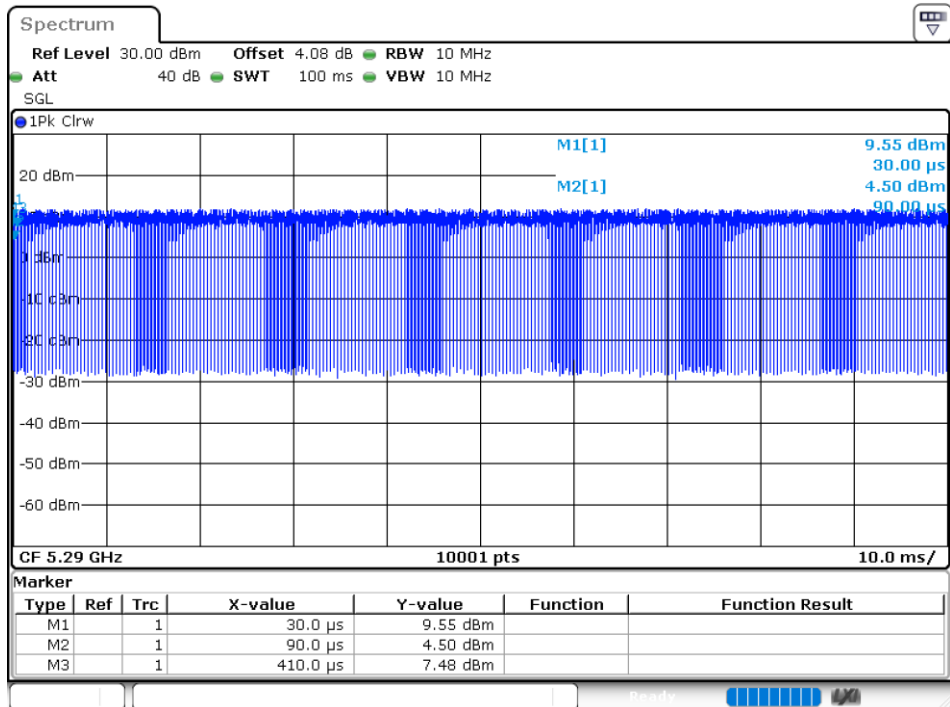
Duty Cycle NVNT ac40 5270MHz Ant2



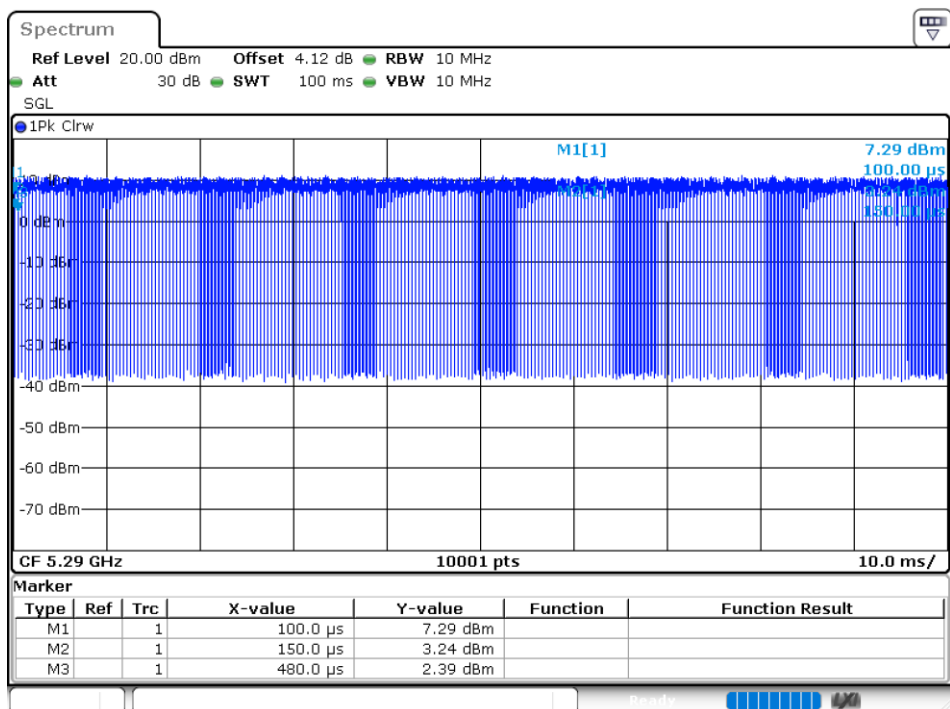
Duty Cycle NVNT ac40 5310MHz Ant2



Duty Cycle NVNT ac80 5290MHz Ant1



Duty Cycle NVNT ac80 5290MHz Ant2



Maximum Conducted Output Power

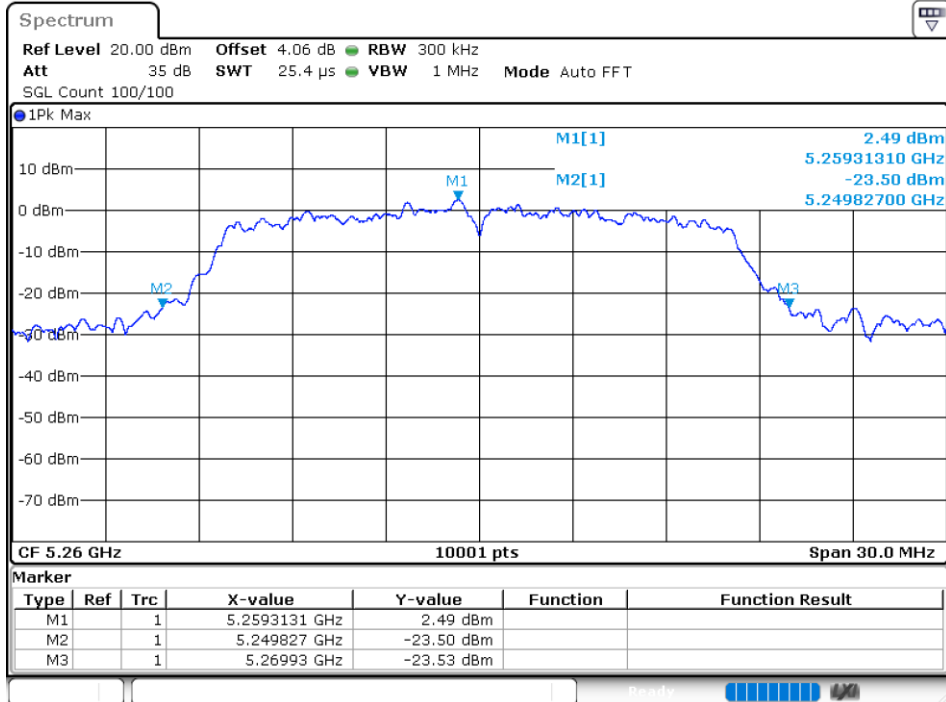
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	11.53	24	Pass
NVNT	a	5280	Ant1	11.4	24	Pass
NVNT	a	5300	Ant1	10.97	24	Pass
NVNT	a	5260	Ant2	9.59	24	Pass
NVNT	a	5280	Ant2	9.89	24	Pass
NVNT	a	5320	Ant2	10.2	24	Pass
NVNT	n20	5260	Ant1	10.29	24	Pass
NVNT	n20	5280	Ant1	10.37	24	Pass
NVNT	n20	5320	Ant1	10.01	24	Pass
NVNT	n20	5260	Ant2	9.58	24	Pass
NVNT	n20	5280	Ant2	9.33	24	Pass
NVNT	n20	5320	Ant2	9.64	24	Pass
NVNT	n40	5270	Ant1	10.37	24	Pass
NVNT	n40	5310	Ant1	10.51	24	Pass
NVNT	n40	5270	Ant2	8.74	24	Pass
NVNT	n40	5310	Ant2	9.24	24	Pass
NVNT	ac20	5260	Ant1	10.38	24	Pass
NVNT	ac20	5280	Ant1	10.18	24	Pass
NVNT	ac20	5320	Ant1	10.05	24	Pass
NVNT	ac20	5260	Ant2	9.54	24	Pass
NVNT	ac20	5280	Ant2	9.7	24	Pass
NVNT	ac20	5320	Ant2	9.64	24	Pass
NVNT	ac40	5270	Ant1	10.49	24	Pass
NVNT	ac40	5310	Ant1	10.24	24	Pass
NVNT	ac40	5270	Ant2	8.77	24	Pass
NVNT	ac40	5310	Ant2	9.1	24	Pass
NVNT	ac80	5290	Ant1	9.98	24	Pass
NVNT	ac80	5290	Ant2	8.73	24	Pass

-26dB Bandwidth

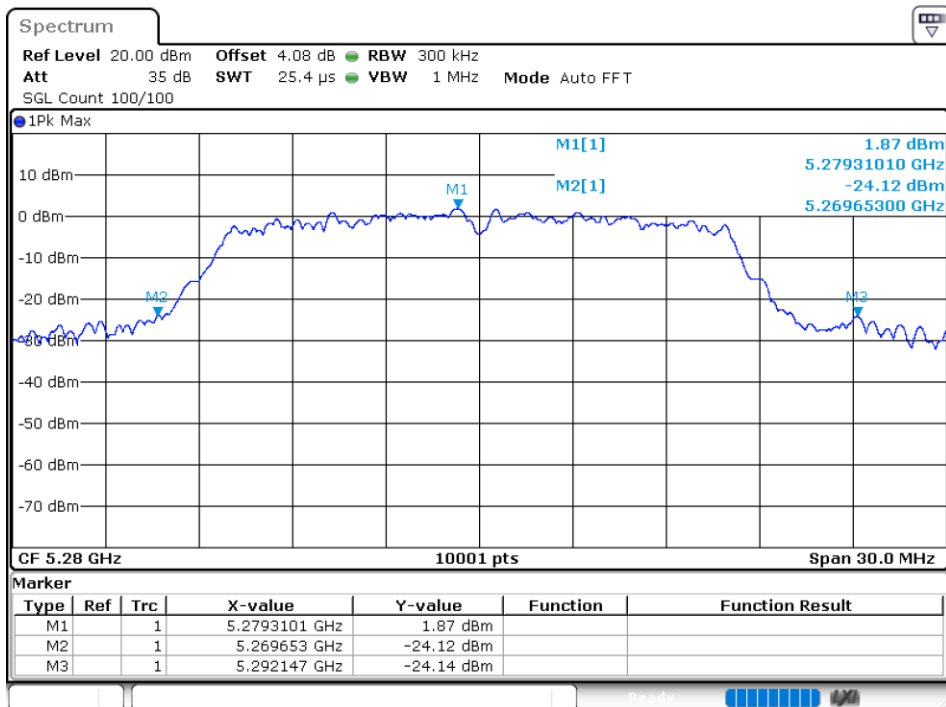
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	20.103	Pass
NVNT	a	5280	Ant1	22.494	Pass
NVNT	a	5320	Ant1	19.794	Pass
NVNT	a	5260	Ant2	20.274	Pass
NVNT	a	5280	Ant2	21.006	Pass
NVNT	a	5320	Ant2	20.037	Pass
NVNT	n20	5260	Ant1	20.289	Pass
NVNT	n20	5280	Ant1	20.4	Pass
NVNT	n20	5320	Ant1	20.403	Pass
NVNT	n20	5260	Ant2	20.331	Pass
NVNT	n20	5280	Ant2	20.409	Pass
NVNT	n20	5320	Ant2	20.211	Pass
NVNT	n40	5270	Ant1	50.628	Pass
NVNT	n40	5310	Ant1	59.928	Pass
NVNT	n40	5270	Ant2	50.55	Pass
NVNT	n40	5310	Ant2	40.548	Pass
NVNT	ac20	5260	Ant1	20.37	Pass
NVNT	ac20	5280	Ant1	20.553	Pass
NVNT	ac20	5320	Ant1	20.265	Pass
NVNT	ac20	5260	Ant2	20.52	Pass
NVNT	ac20	5280	Ant2	20.562	Pass
NVNT	ac20	5320	Ant2	20.346	Pass
NVNT	ac40	5270	Ant1	51.984	Pass
NVNT	ac40	5310	Ant1	40.752	Pass
NVNT	ac40	5270	Ant2	52.02	Pass
NVNT	ac40	5310	Ant2	40.656	Pass
NVNT	ac80	5290	Ant1	81.492	Pass
NVNT	ac80	5290	Ant2	81.504	Pass

Test Graphs

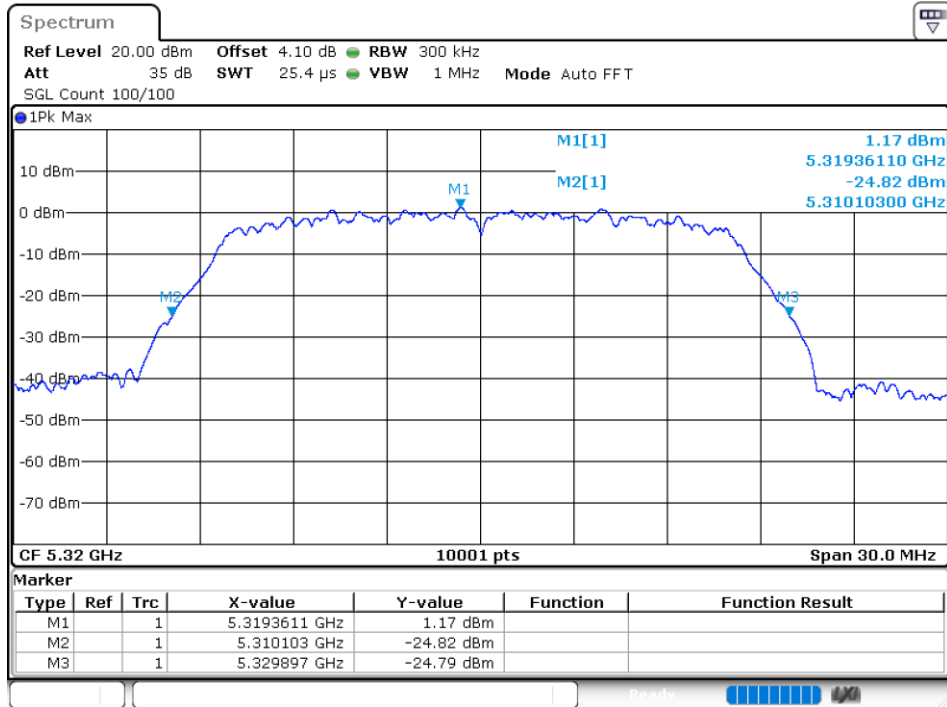
-26dB Bandwidth NVNT a 5260MHz Ant1



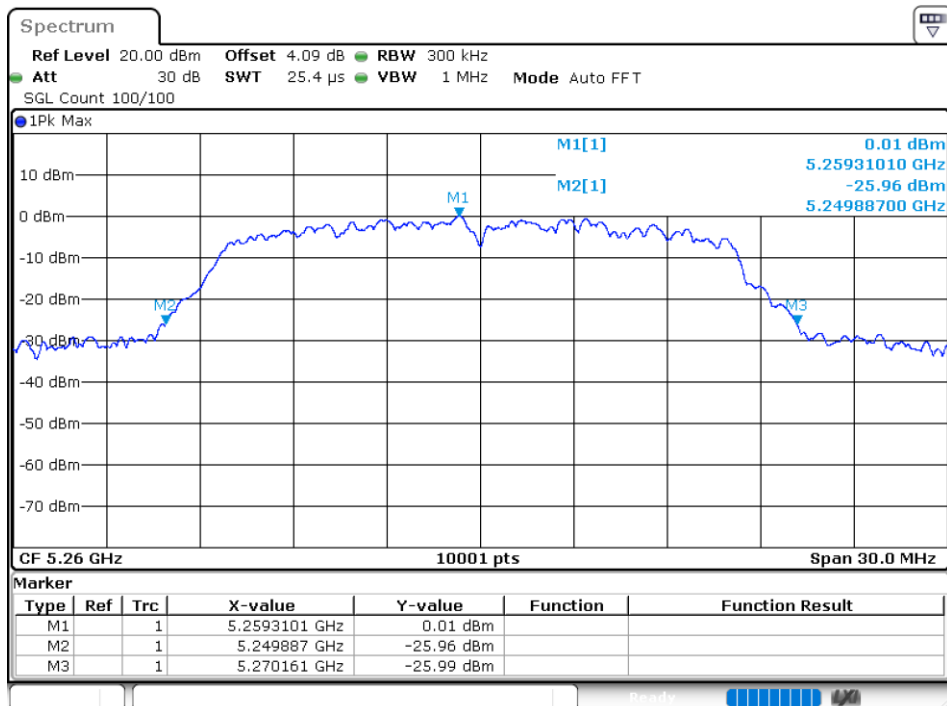
-26dB Bandwidth NVNT a 5280MHz Ant1



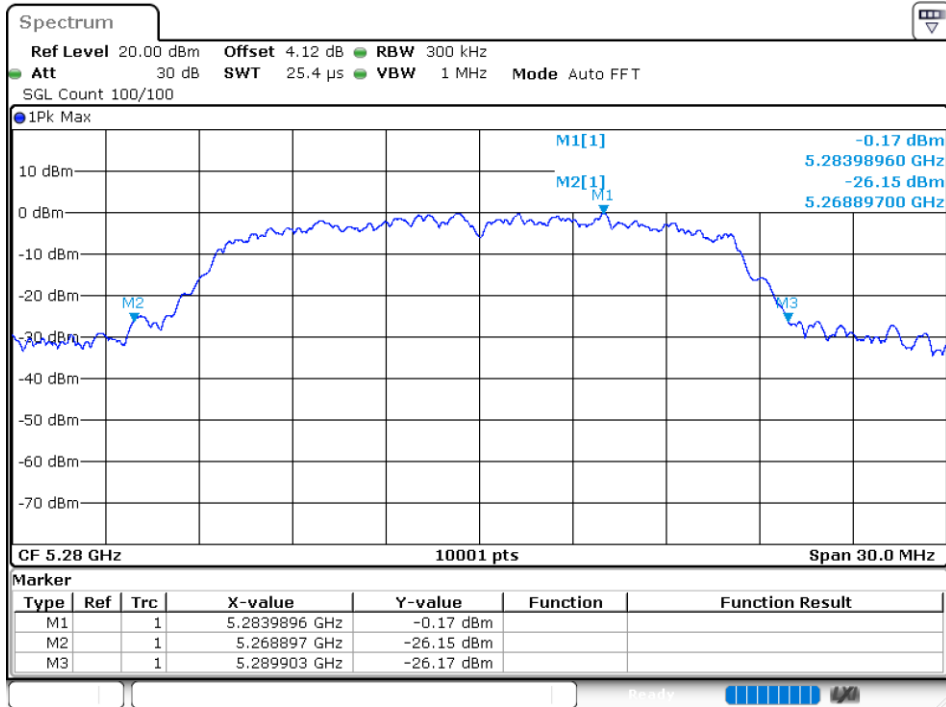
-26dB Bandwidth NVNT a 5320MHz Ant1



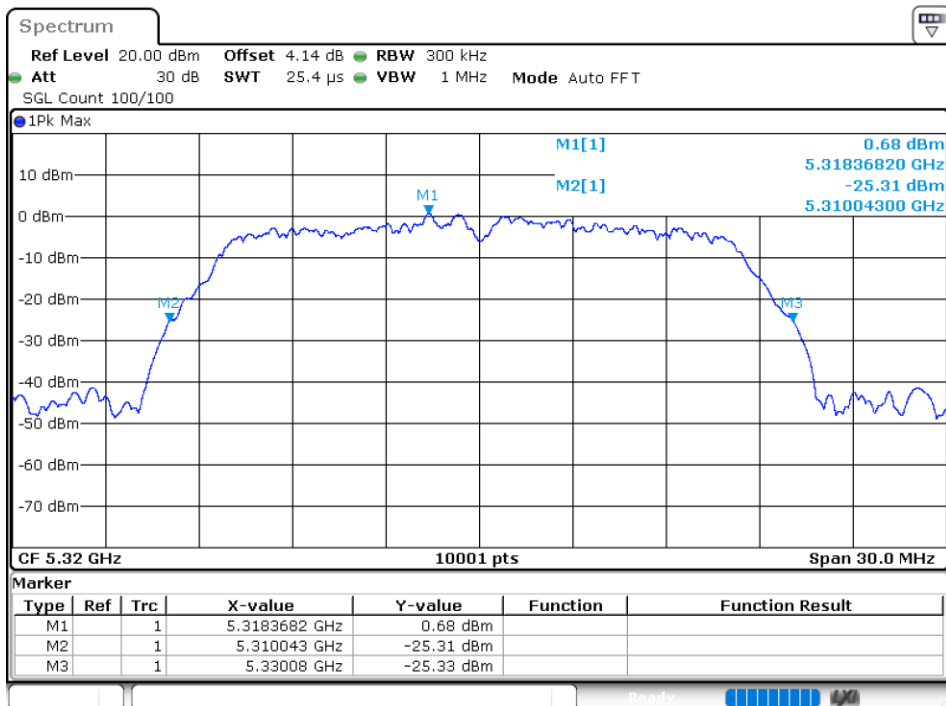
-26dB Bandwidth NVNT a 5260MHz Ant2



-26dB Bandwidth NVNT a 5280MHz Ant2



-26dB Bandwidth NVNT a 5320MHz Ant2

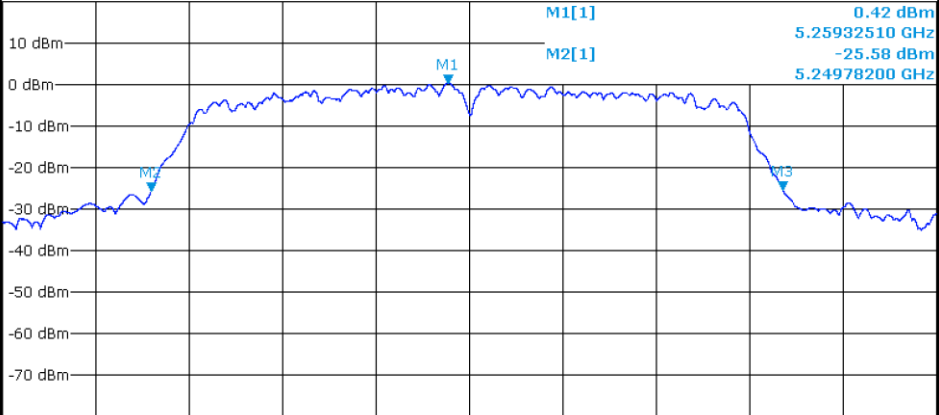


-26dB Bandwidth NVNT n20 5260MHz Ant1

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



CF 5.26 GHz 10001 pts Span 30.0 MHz

Marker

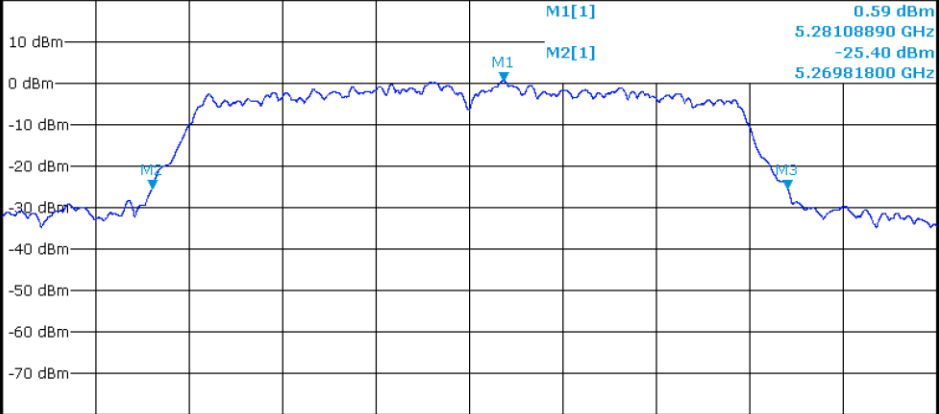
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2593251 GHz	0.42 dBm		
M2		1	5.249782 GHz	-25.58 dBm		
M3		1	5.270071 GHz	-25.54 dBm		

-26dB Bandwidth NVNT n20 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

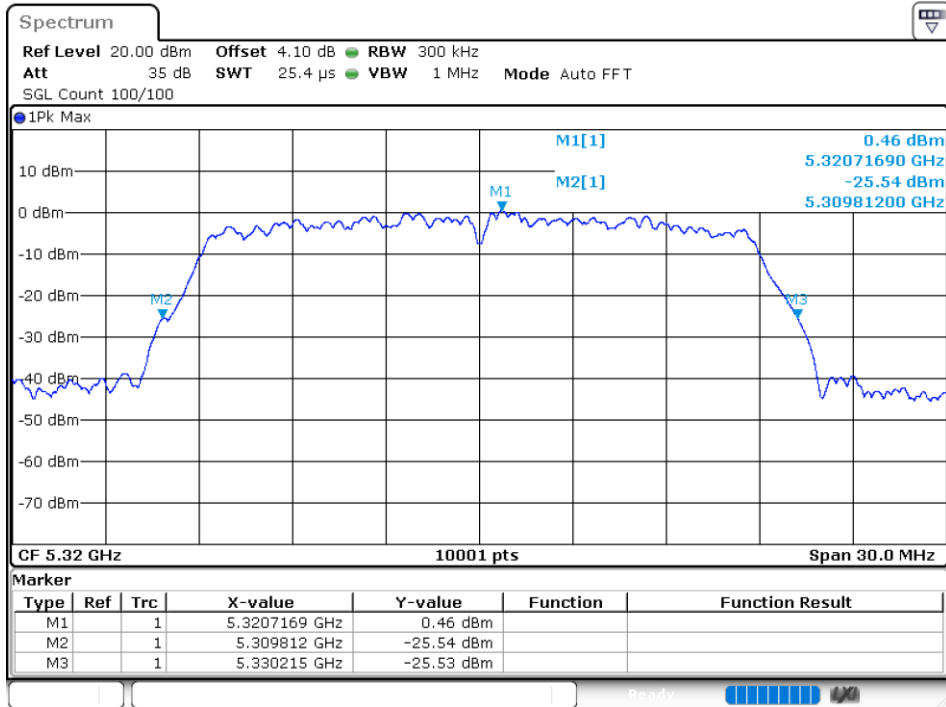


CF 5.28 GHz 10001 pts Span 30.0 MHz

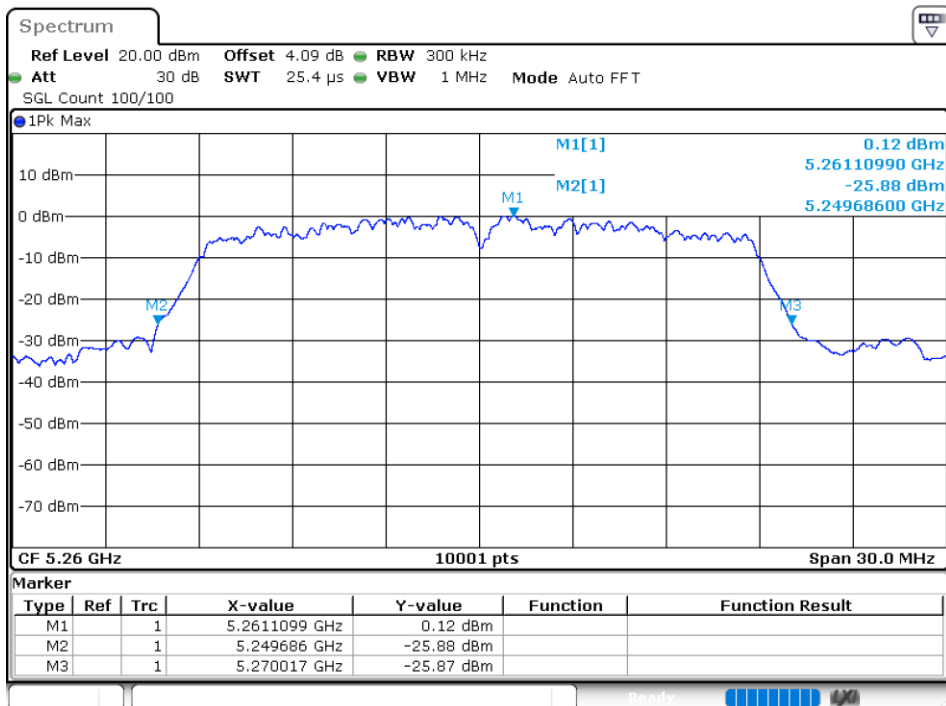
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2810889 GHz	0.59 dBm		
M2		1	5.269818 GHz	-25.40 dBm		
M3		1	5.290218 GHz	-25.39 dBm		

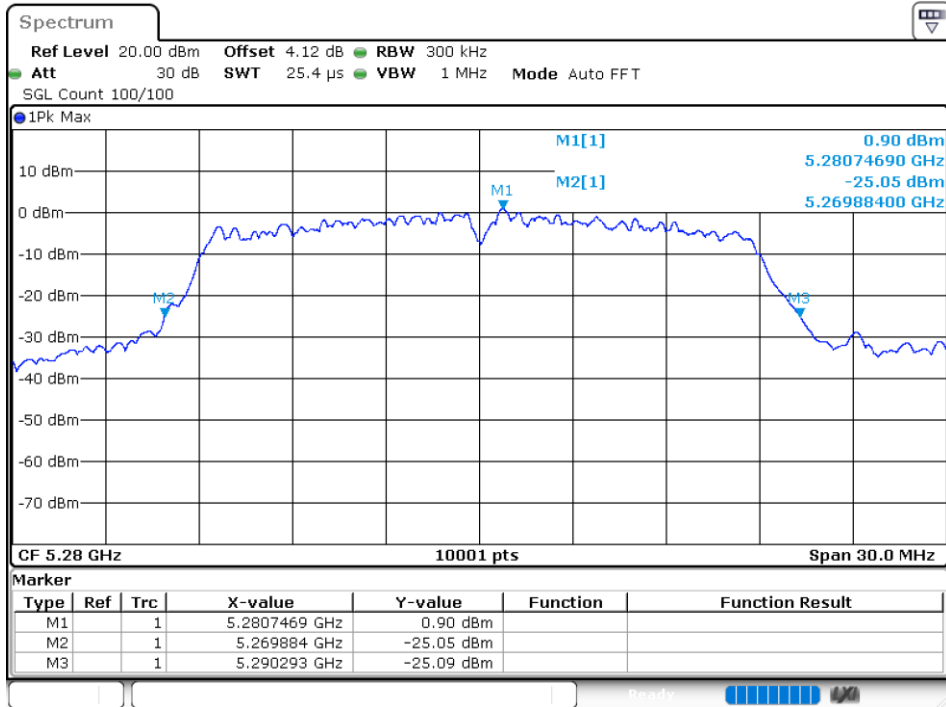
-26dB Bandwidth NVNT n20 5320MHz Ant1



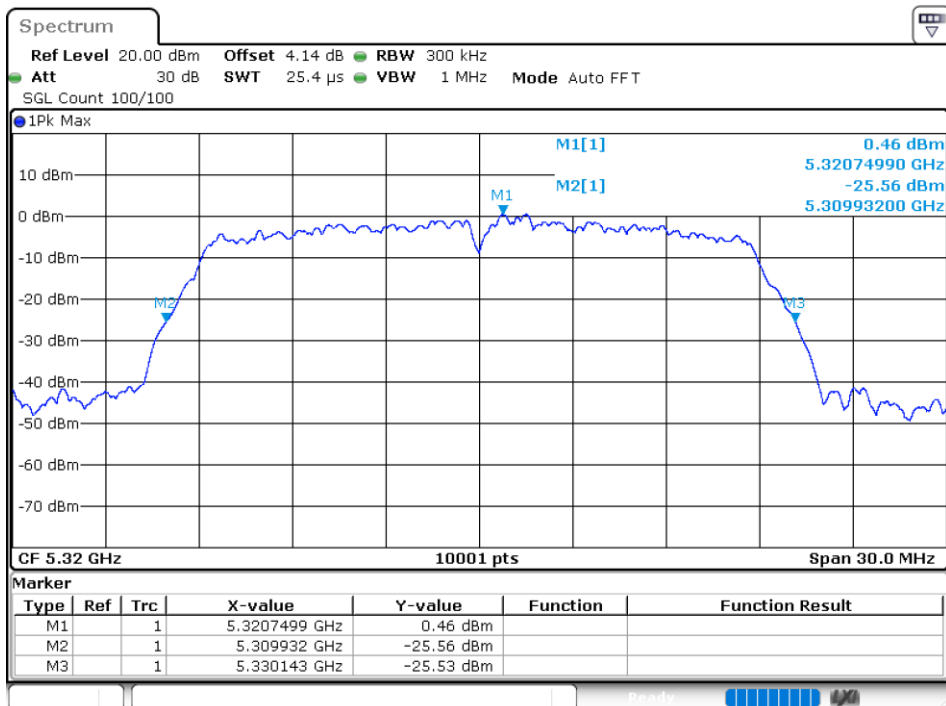
-26dB Bandwidth NVNT n20 5260MHz Ant2



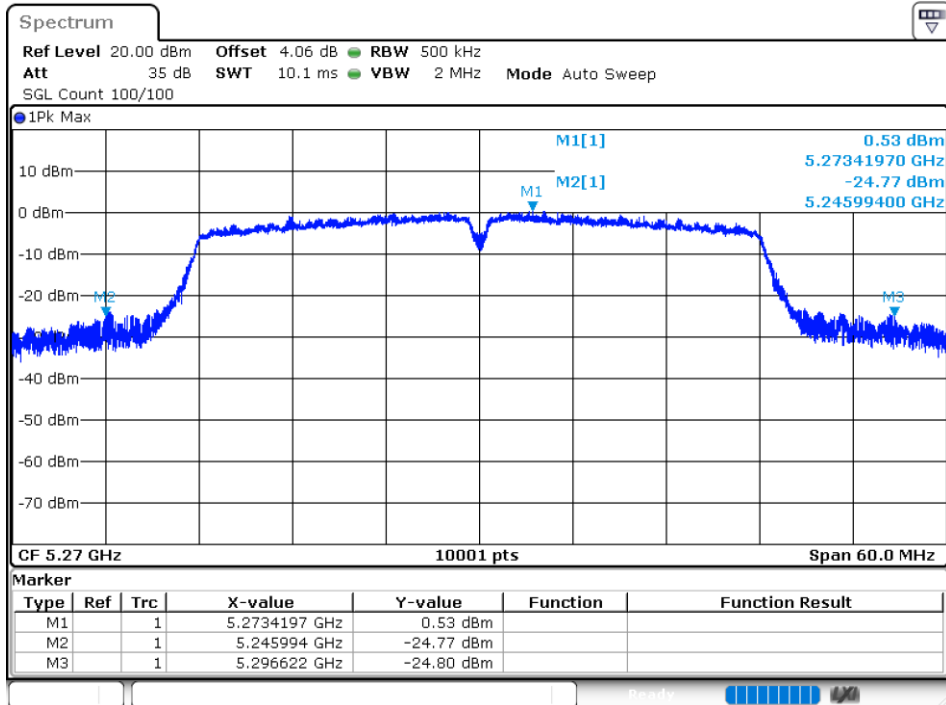
-26dB Bandwidth NVNT n20 5280MHz Ant2



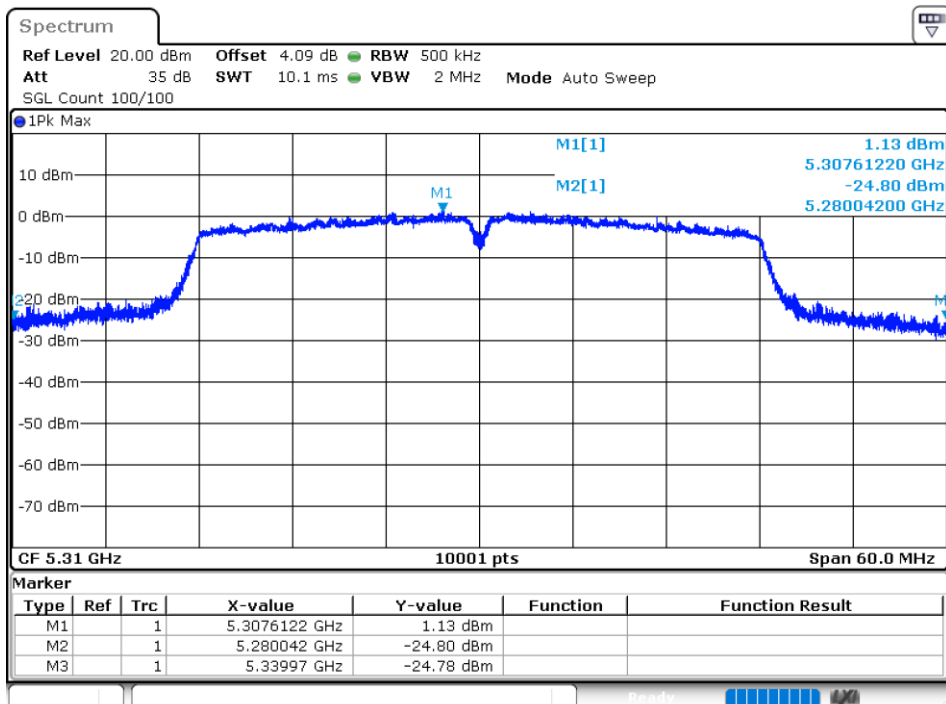
-26dB Bandwidth NVNT n20 5320MHz Ant2



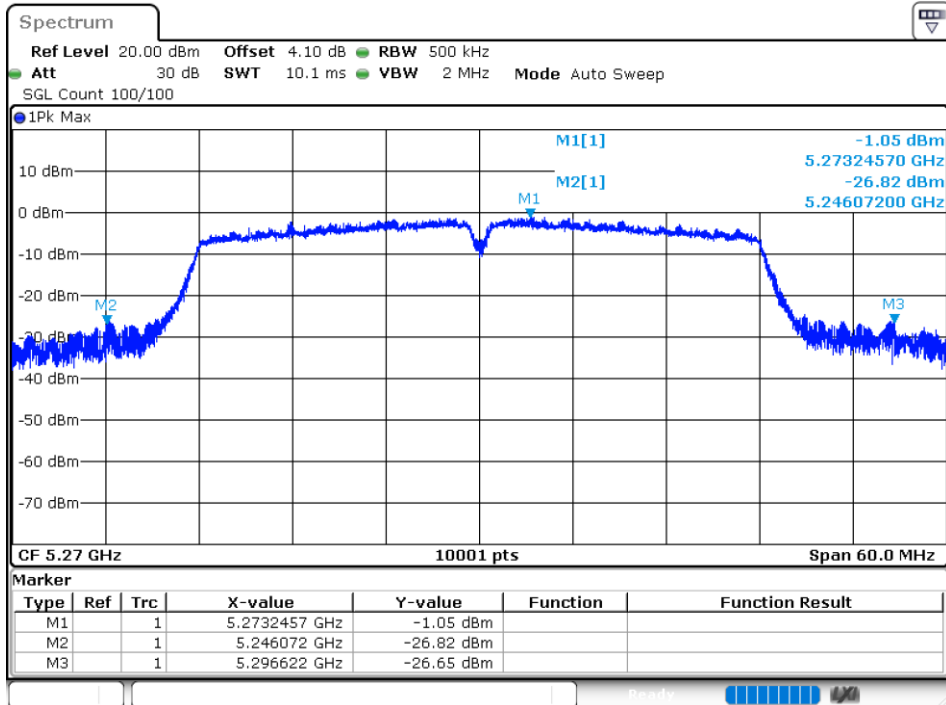
-26dB Bandwidth NVNT n40 5270MHz Ant1



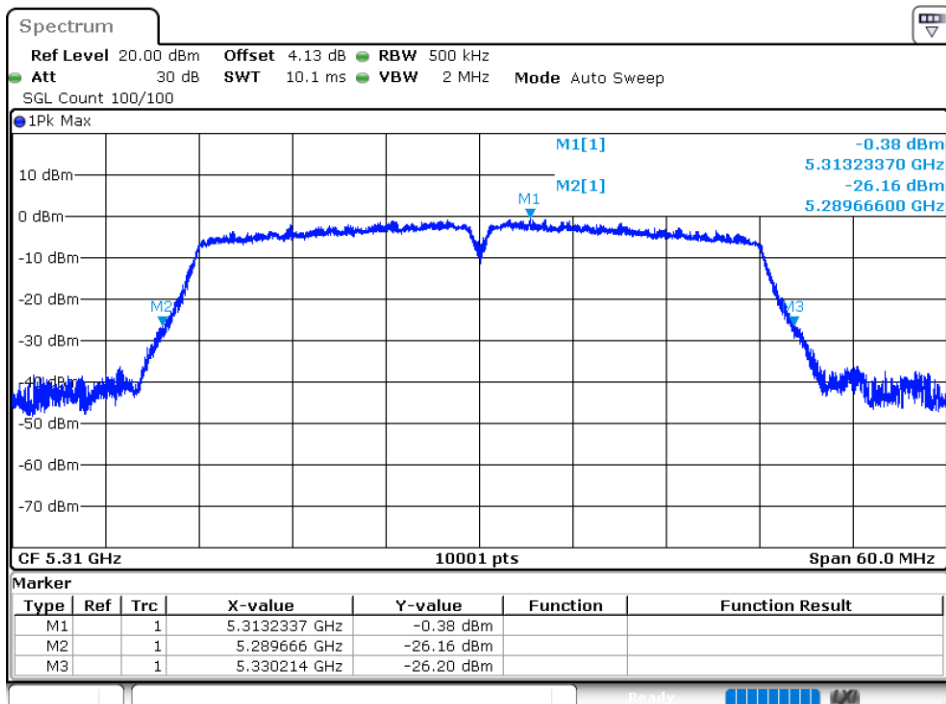
-26dB Bandwidth NVNT n40 5310MHz Ant1



-26dB Bandwidth NVNT n40 5270MHz Ant2



-26dB Bandwidth NVNT n40 5310MHz Ant2

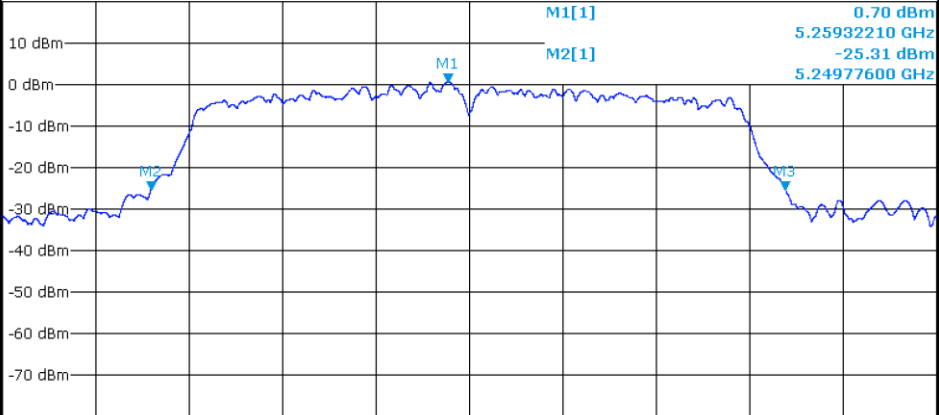


-26dB Bandwidth NVNT ac20 5260MHz Ant1

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



CF 5.26 GHz 10001 pts Span 30.0 MHz

Marker

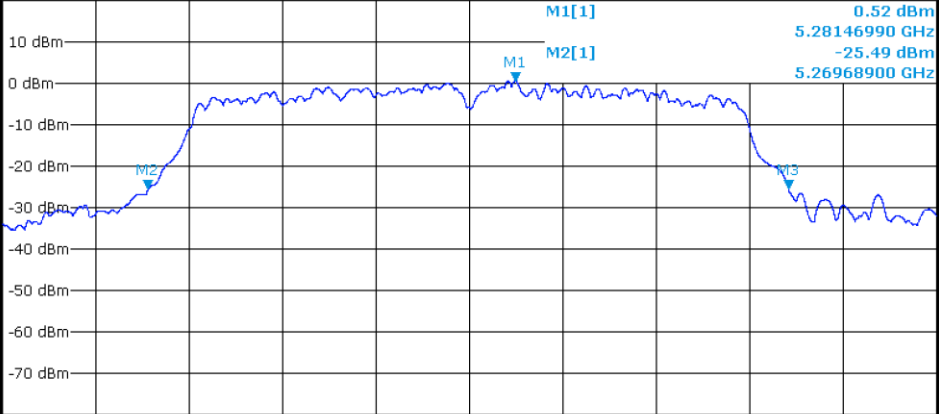
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2593221 GHz	0.70 dBm		
M2		1	5.249776 GHz	-25.31 dBm		
M3		1	5.270146 GHz	-25.30 dBm		

-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



CF 5.28 GHz 10001 pts Span 30.0 MHz

Marker

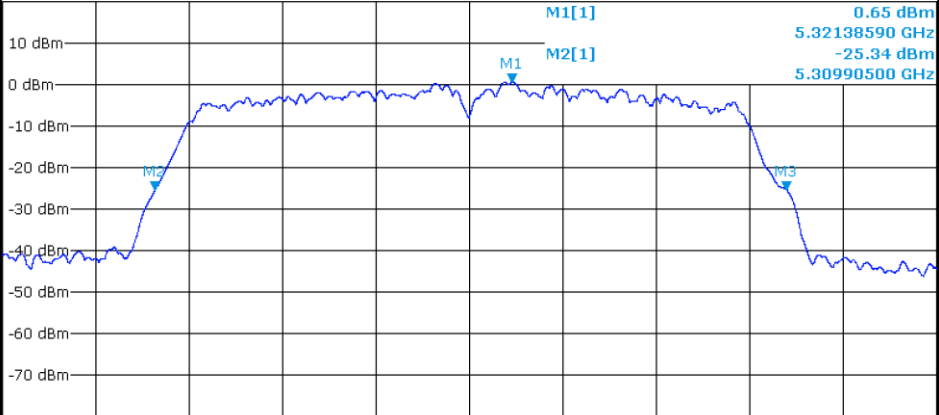
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2814699 GHz	0.52 dBm		
M2		1	5.269689 GHz	-25.49 dBm		
M3		1	5.290242 GHz	-25.45 dBm		

-26dB Bandwidth NVNT ac20 5320MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.10 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

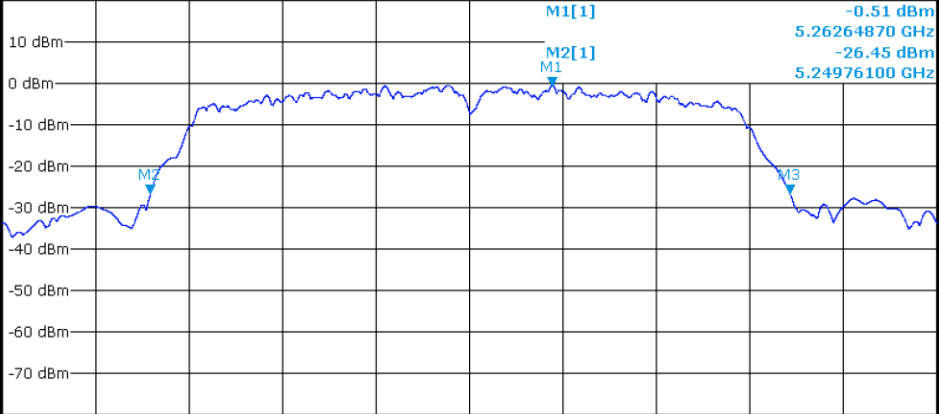
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.3213859 GHz	0.65 dBm		
M2	1	1	5.309905 GHz	-25.34 dBm		
M3	1	1	5.33017 GHz	-25.35 dBm		

-26dB Bandwidth NVNT ac20 5260MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.09 dB RBW 300 kHz
Att 30 dB SWT 25.4 μ s VBW 1 MHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

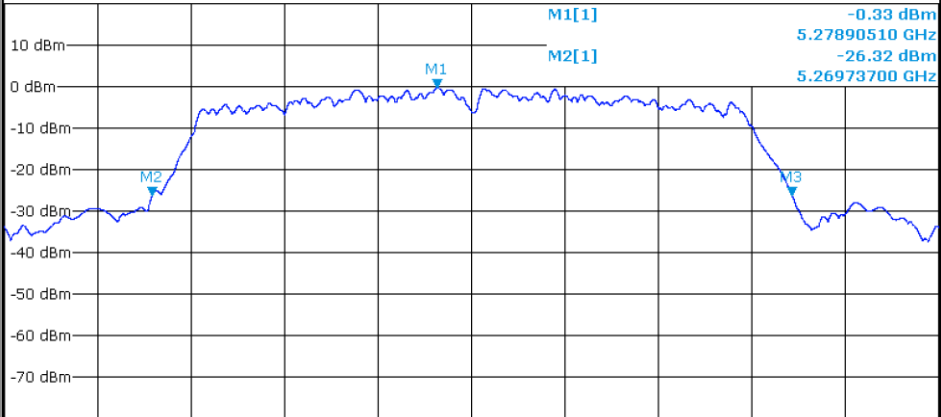
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.2626487 GHz	-0.51 dBm		
M2	1	1	5.249761 GHz	-26.45 dBm		
M3	1	1	5.270281 GHz	-26.50 dBm		

-26dB Bandwidth NVNT ac20 5280MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.12 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 5.28 GHz 10001 pts Span 30.0 MHz

Marker

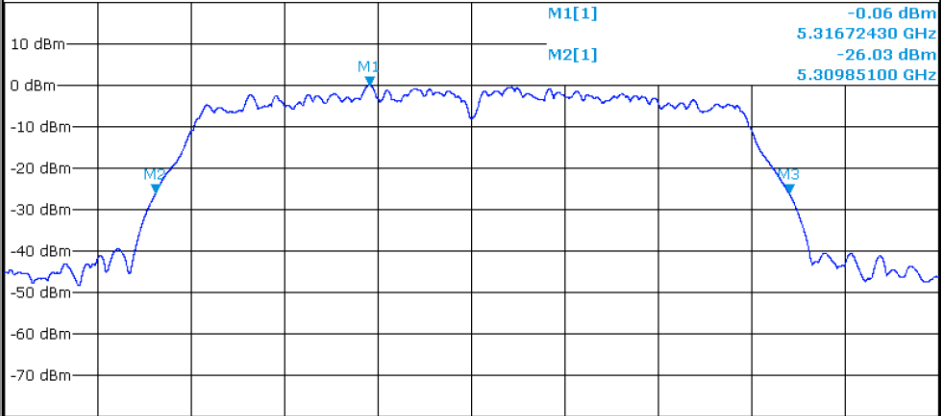
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2789051 GHz	-0.33 dBm		
M2		1	5.269737 GHz	-26.32 dBm		
M3		1	5.290299 GHz	-26.28 dBm		

-26dB Bandwidth NVNT ac20 5320MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.14 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 5.32 GHz 10001 pts Span 30.0 MHz

Marker

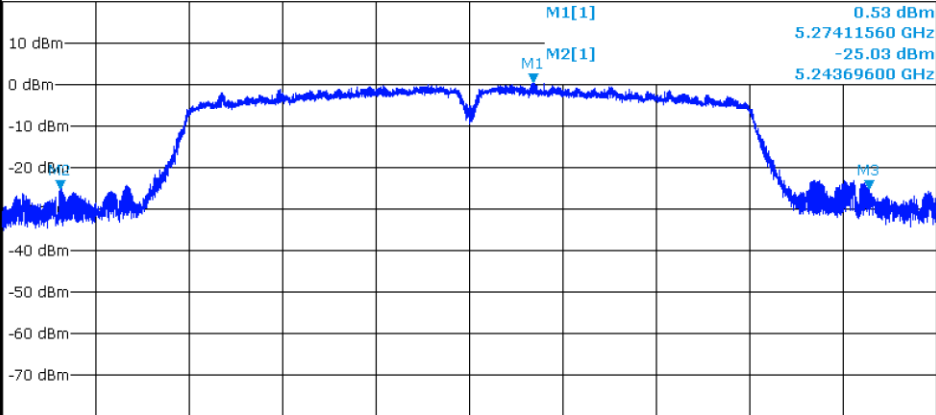
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.3167243 GHz	-0.06 dBm		
M2		1	5.309851 GHz	-26.03 dBm		
M3		1	5.330197 GHz	-26.06 dBm		

-26dB Bandwidth NVNT ac40 5270MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.06 dB RBW 500 kHz
 Att 35 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
 SGL Count 100/100

1Pk Max



CF 5.27 GHz 10001 pts Span 60.0 MHz

Marker

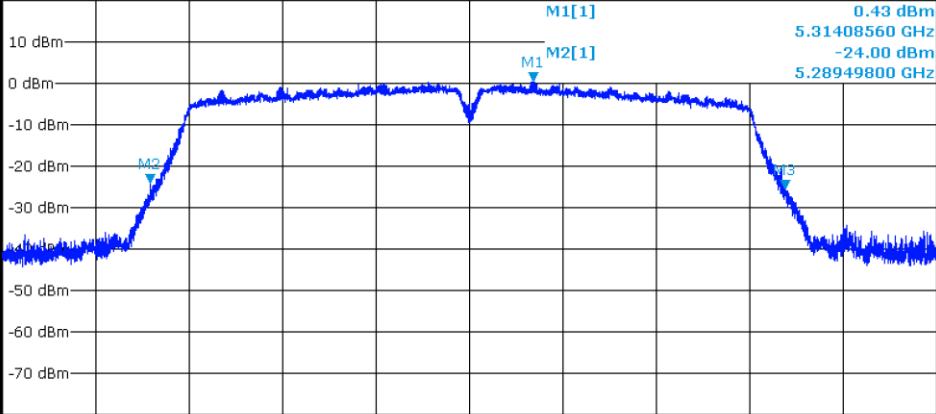
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2741156 GHz	0.53 dBm		
M2		1	5.243696 GHz	-25.03 dBm		
M3		1	5.29568 GHz	-25.08 dBm		

-26dB Bandwidth NVNT ac40 5310MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.09 dB RBW 500 kHz
 Att 35 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
 SGL Count 100/100

1Pk Max



CF 5.31 GHz 10001 pts Span 60.0 MHz

Marker

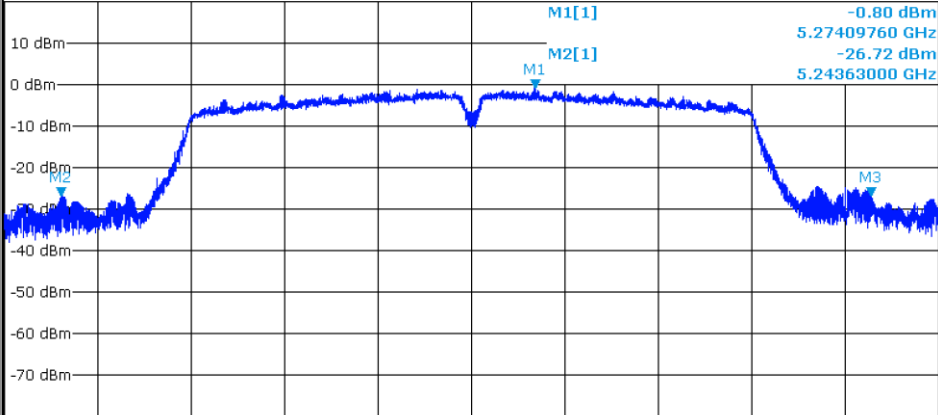
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.3140856 GHz	0.43 dBm		
M2		1	5.289498 GHz	-24.00 dBm		
M3		1	5.33025 GHz	-25.31 dBm		

-26dB Bandwidth NVNT ac40 5270MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.10 dB RBW 500 kHz
Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

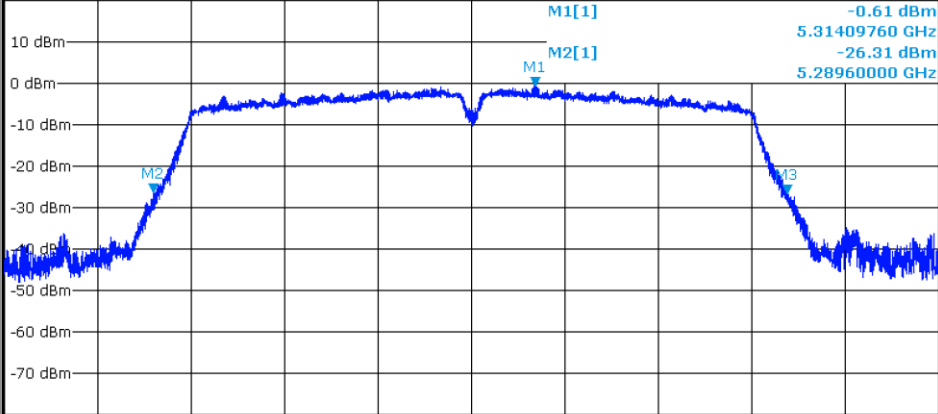
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2740976 GHz	-0.80 dBm		
M2		1	5.24363 GHz	-26.72 dBm		
M3		1	5.29565 GHz	-26.74 dBm		

-26dB Bandwidth NVNT ac40 5310MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.13 dB RBW 500 kHz
Att 30 dB SWT 10.1 ms VBW 2 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



Marker

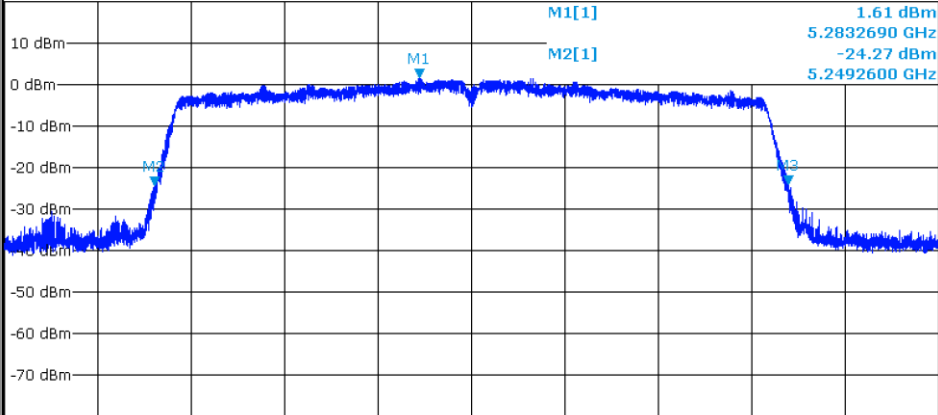
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.3140976 GHz	-0.61 dBm		
M2		1	5.2896 GHz	-26.31 dBm		
M3		1	5.330256 GHz	-26.58 dBm		

-26dB Bandwidth NVNT ac80 5290MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.08 dB RBW 1 MHz
Att 35 dB SWT 10.1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.29 GHz 10001 pts Span 120.0 MHz

Marker

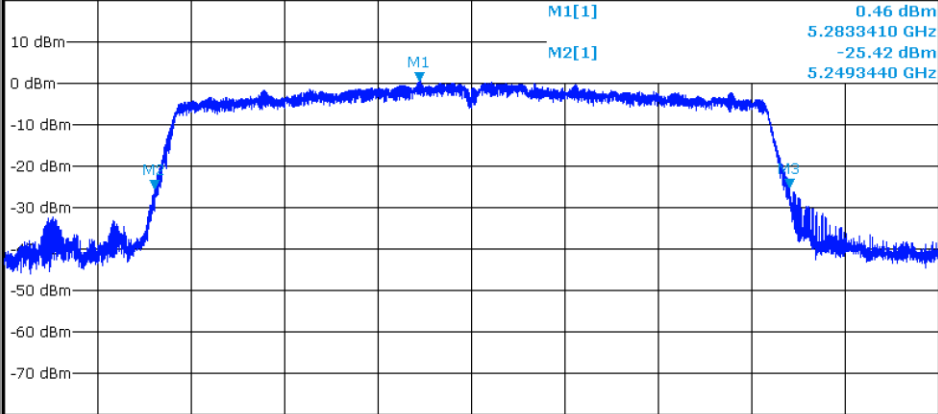
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.283269 GHz	1.61 dBm		
M2	1	1	5.24926 GHz	-24.27 dBm		
M3	1	1	5.330752 GHz	-24.03 dBm		

-26dB Bandwidth NVNT ac80 5290MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.12 dB RBW 1 MHz
Att 30 dB SWT 10.1 ms VBW 3 MHz Mode Auto Sweep
SGL Count 100/100

1Pk Max



CF 5.29 GHz 10001 pts Span 120.0 MHz

Marker

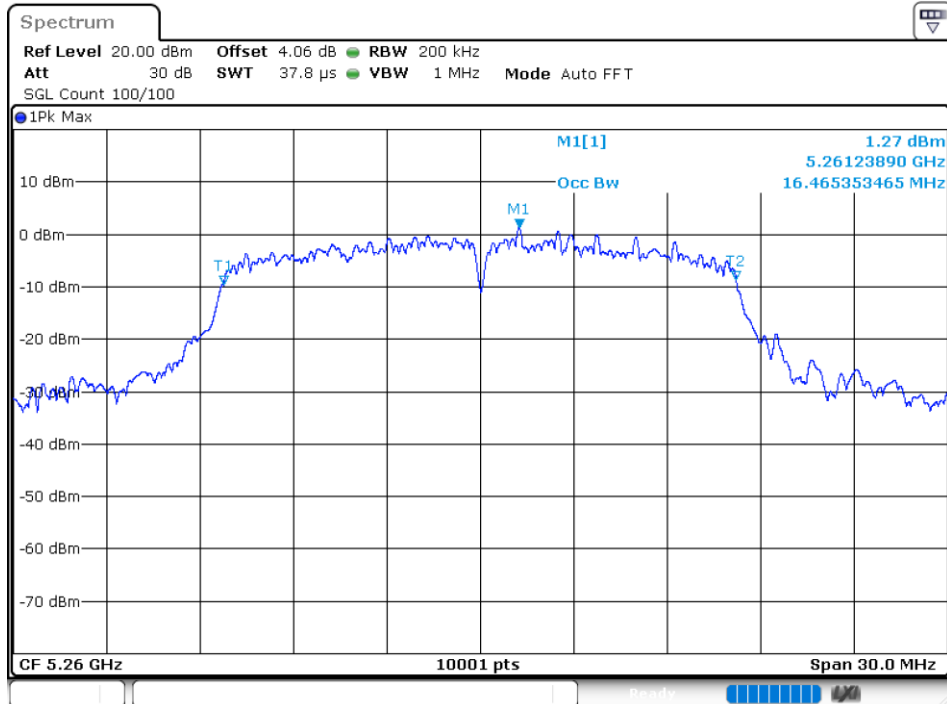
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.283341 GHz	0.46 dBm		
M2	1	1	5.249344 GHz	-25.42 dBm		
M3	1	1	5.330848 GHz	-25.11 dBm		

Occupied Channel Bandwidth

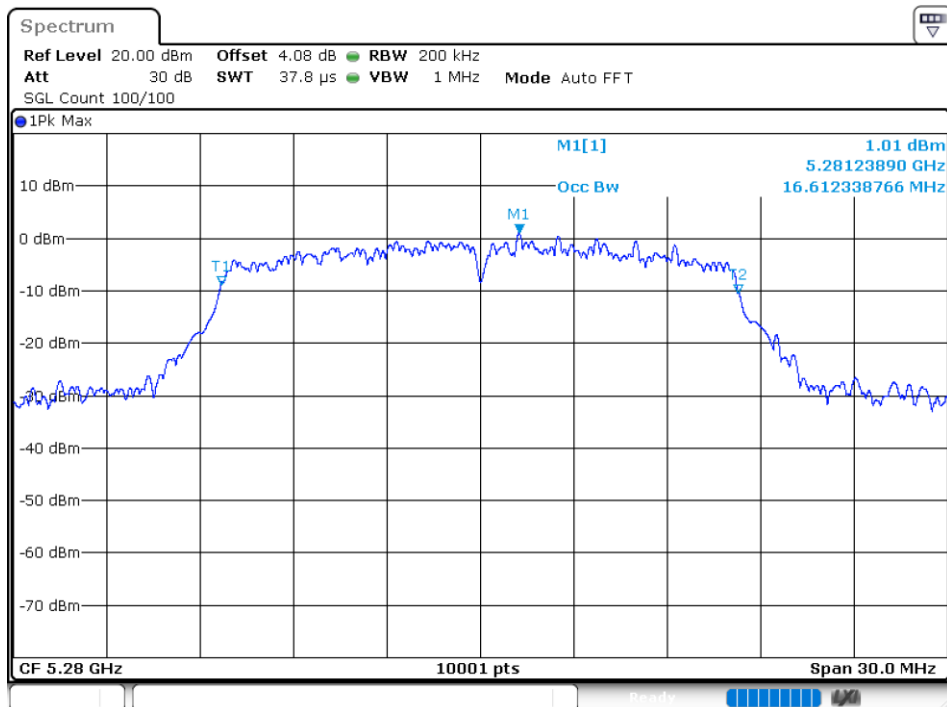
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.465
NVNT	a	5280	Ant1	16.612
NVNT	a	5320	Ant1	16.456
NVNT	a	5260	Ant2	16.504
NVNT	a	5280	Ant2	16.543
NVNT	a	5320	Ant2	16.444
NVNT	n20	5260	Ant1	17.677
NVNT	n20	5280	Ant1	17.626
NVNT	n20	5320	Ant1	17.605
NVNT	n20	5260	Ant2	17.581
NVNT	n20	5280	Ant2	17.689
NVNT	n20	5320	Ant2	17.488
NVNT	n40	5270	Ant1	36.158
NVNT	n40	5310	Ant1	36.428
NVNT	n40	5270	Ant2	36.116
NVNT	n40	5310	Ant2	36.038
NVNT	ac20	5260	Ant1	17.704
NVNT	ac20	5280	Ant1	17.527
NVNT	ac20	5320	Ant1	17.542
NVNT	ac20	5260	Ant2	17.578
NVNT	ac20	5280	Ant2	17.581
NVNT	ac20	5320	Ant2	17.53
NVNT	ac40	5270	Ant1	36.134
NVNT	ac40	5310	Ant1	36.038
NVNT	ac40	5270	Ant2	36.11
NVNT	ac40	5310	Ant2	36.014
NVNT	ac80	5290	Ant1	75.292
NVNT	ac80	5290	Ant2	75.328

Test Graphs

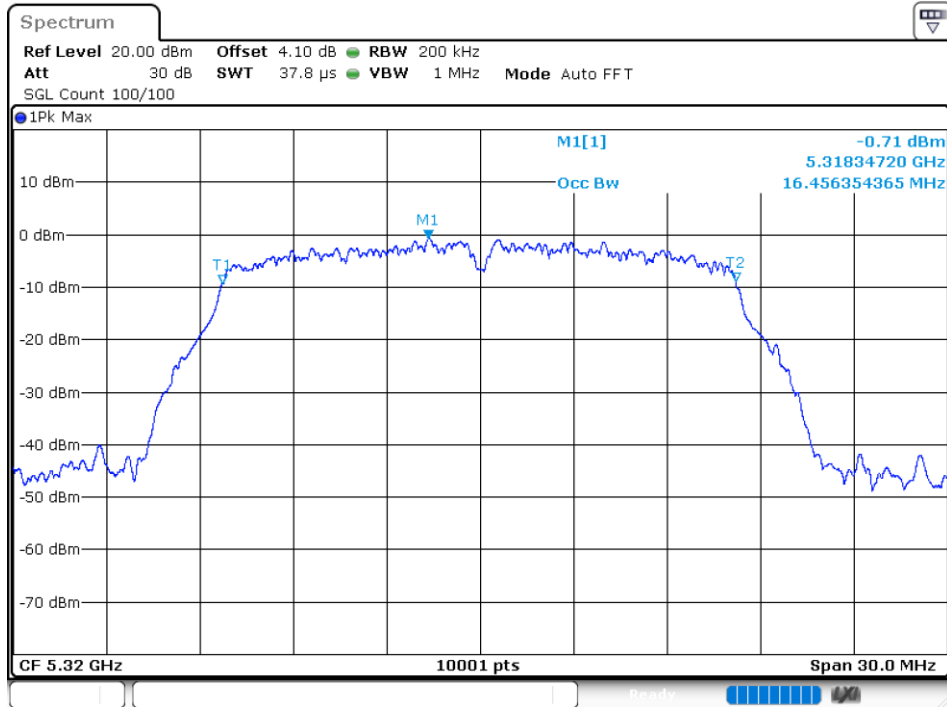
OBW NVNT a 5260MHz Ant1



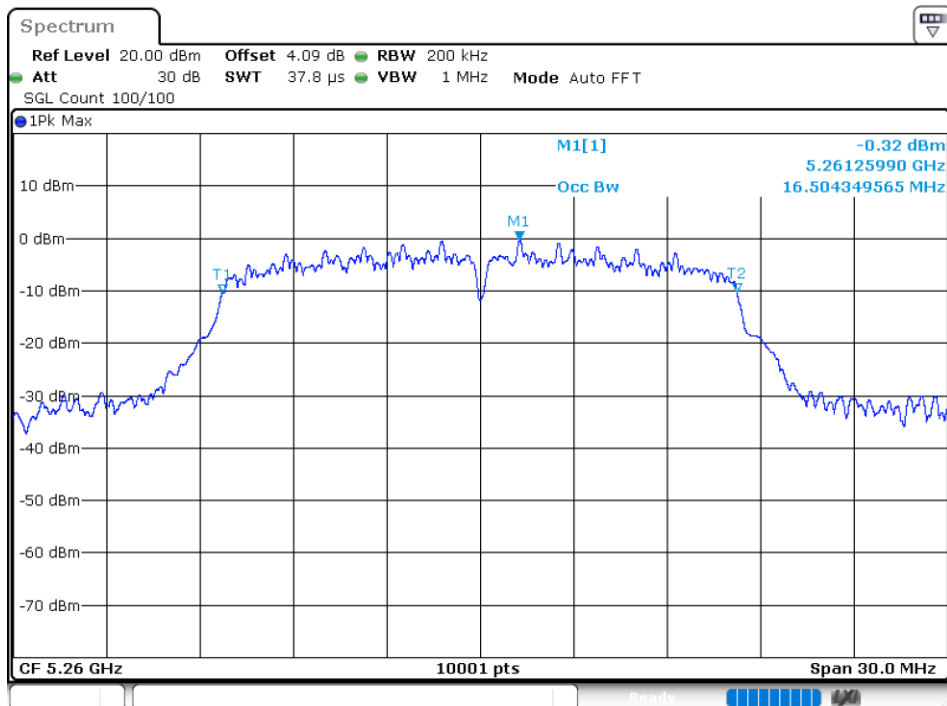
OBW NVNT a 5280MHz Ant1



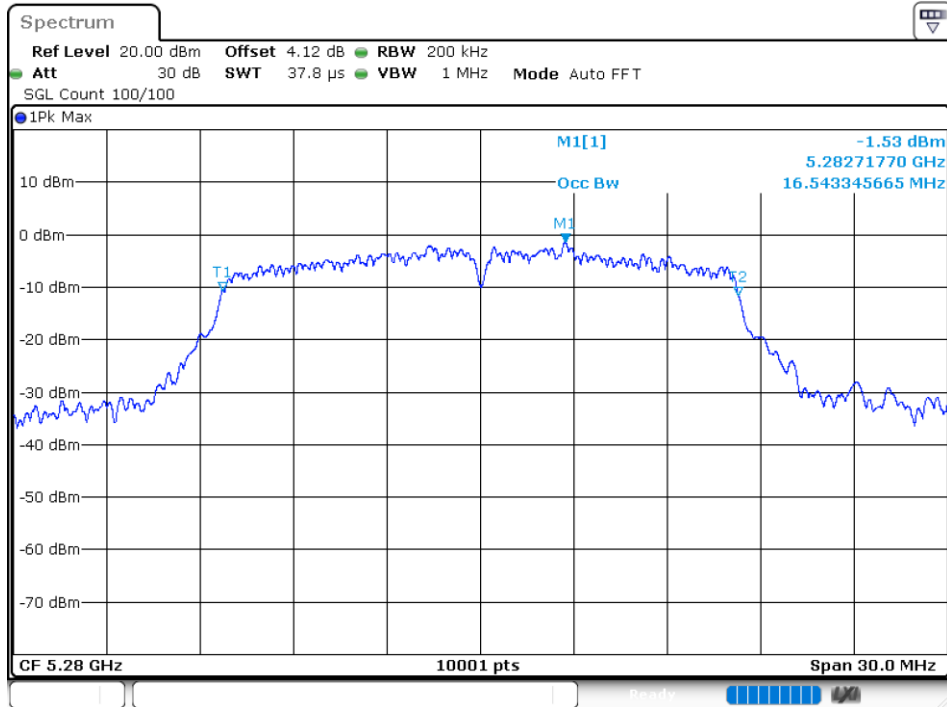
OBW NVNT a 5320MHz Ant1



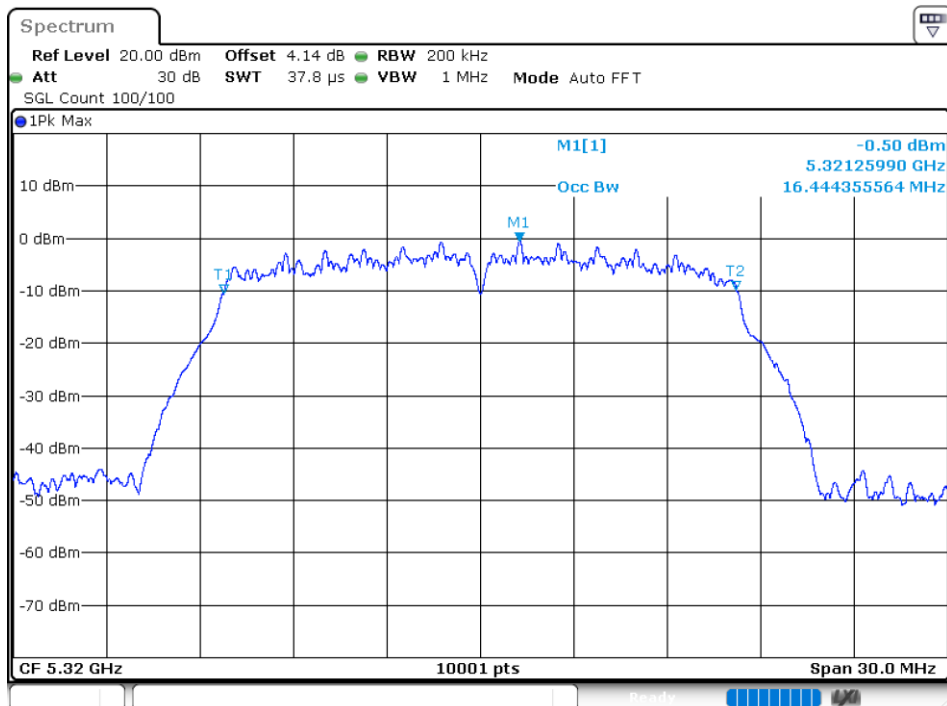
OBW NVNT a 5260MHz Ant2



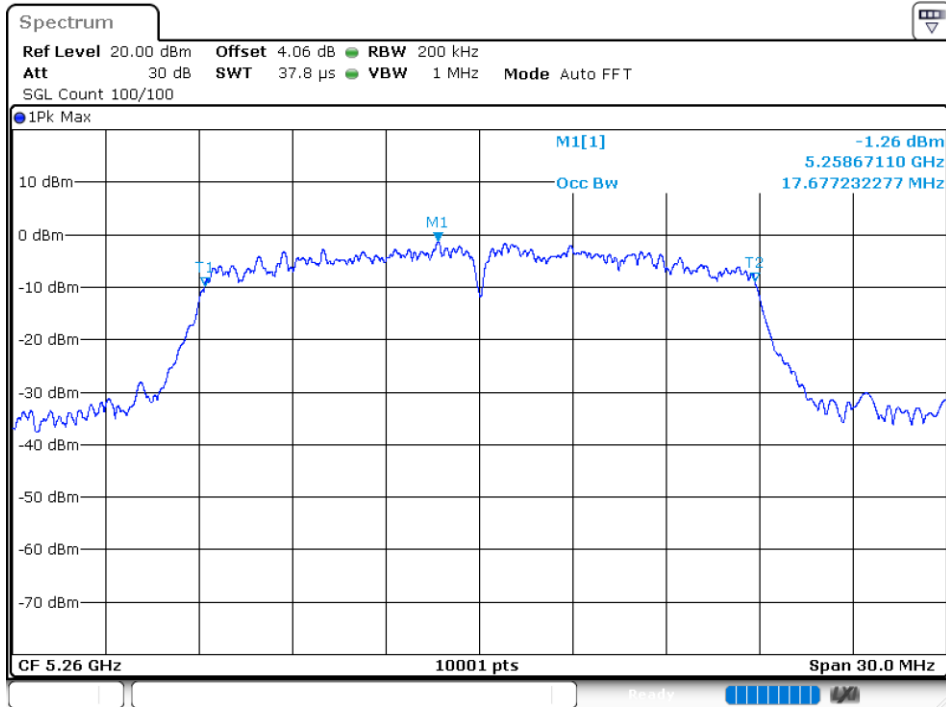
OBW NVNT a 5280MHz Ant2



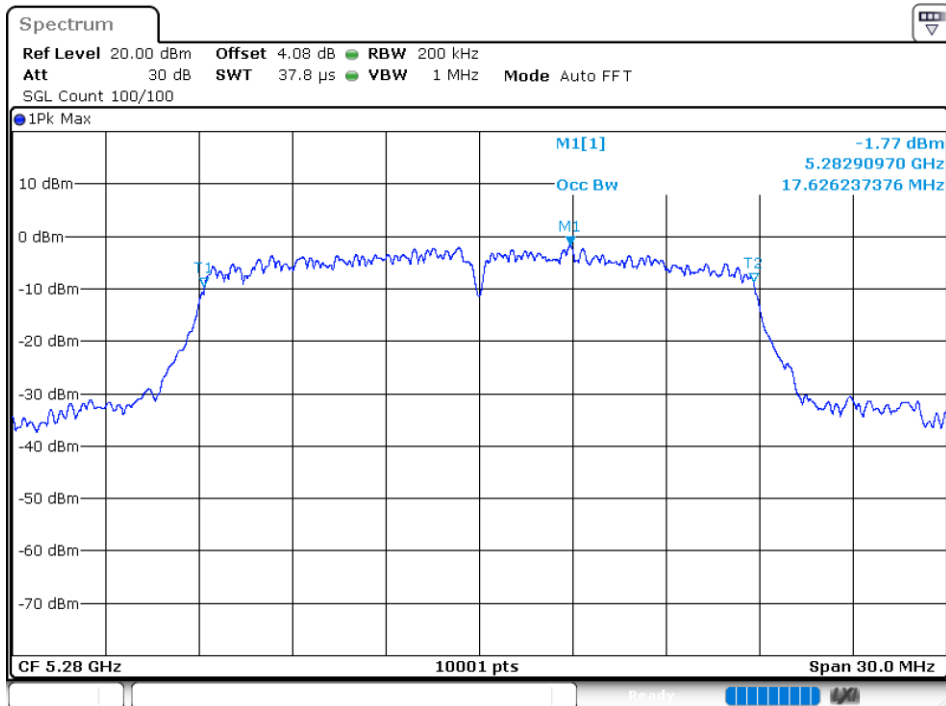
OBW NVNT a 5320MHz Ant2



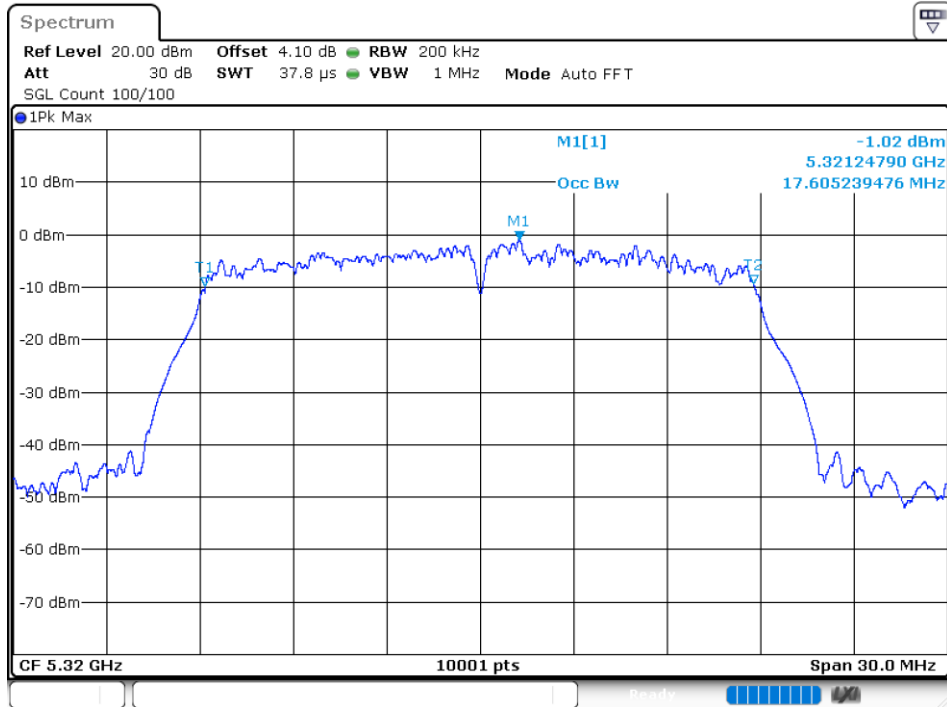
OBW NVNT n20 5260MHz Ant1



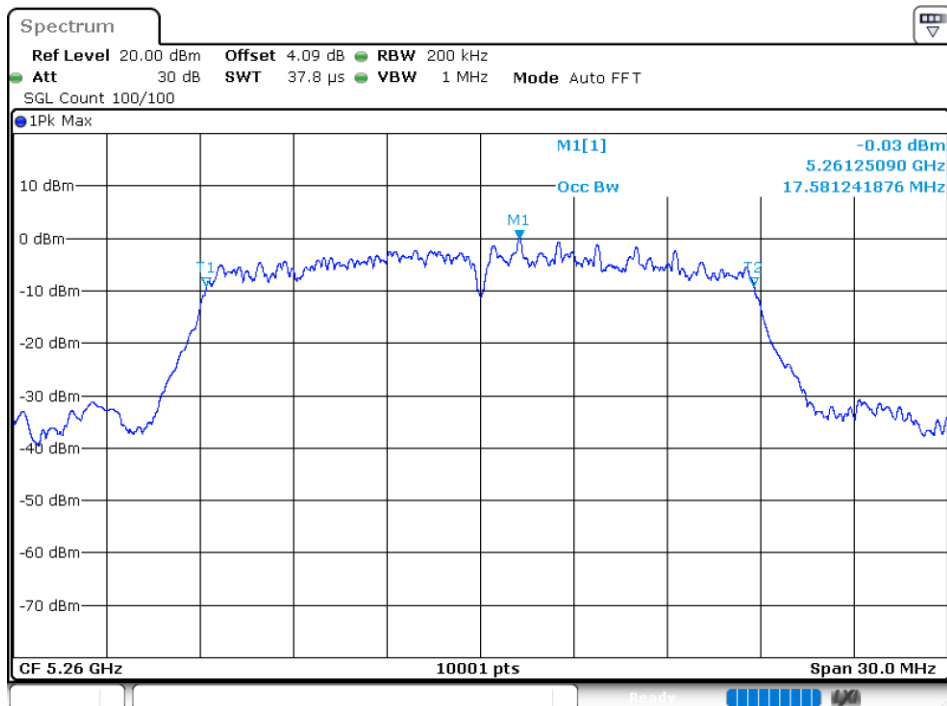
OBW NVNT n20 5280MHz Ant1



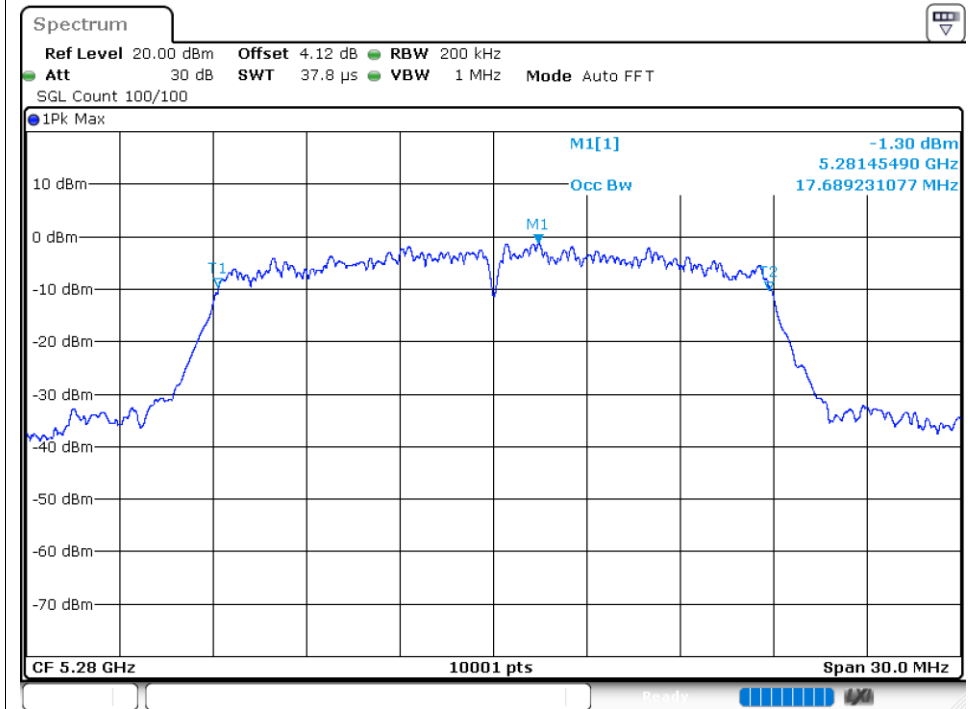
OBW NVNT n20 5320MHz Ant1



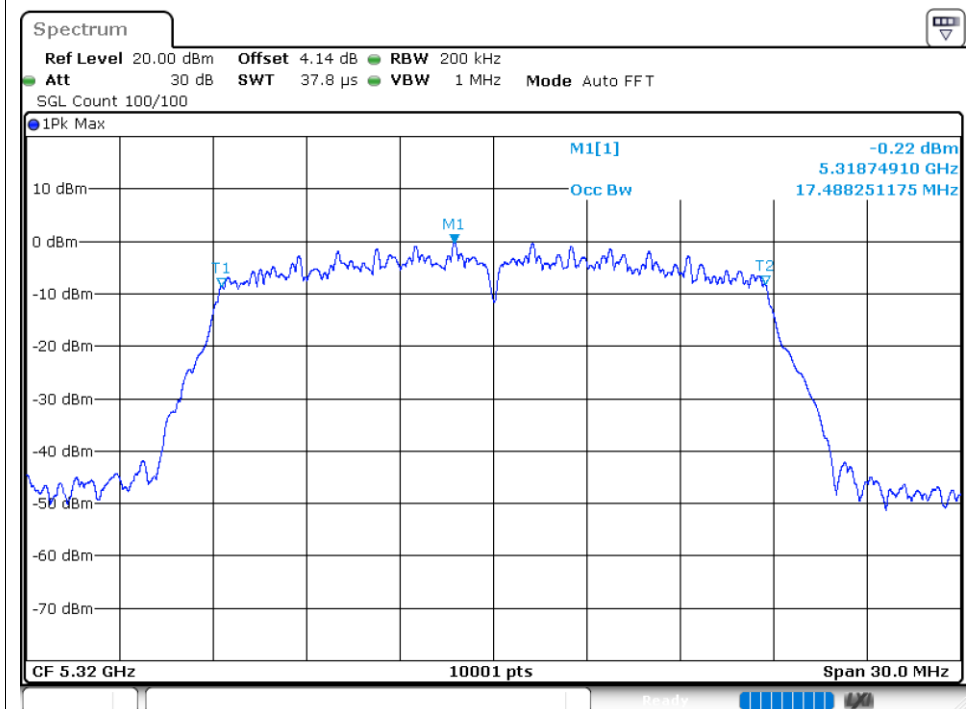
OBW NVNT n20 5260MHz Ant2



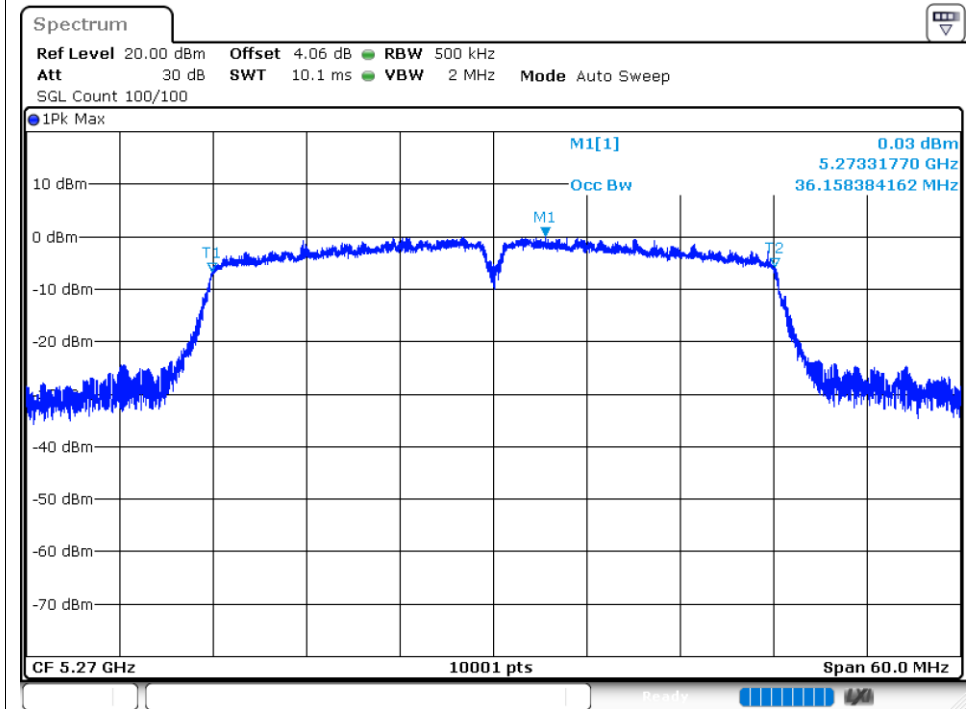
OBW NVNT n20 5280MHz Ant2



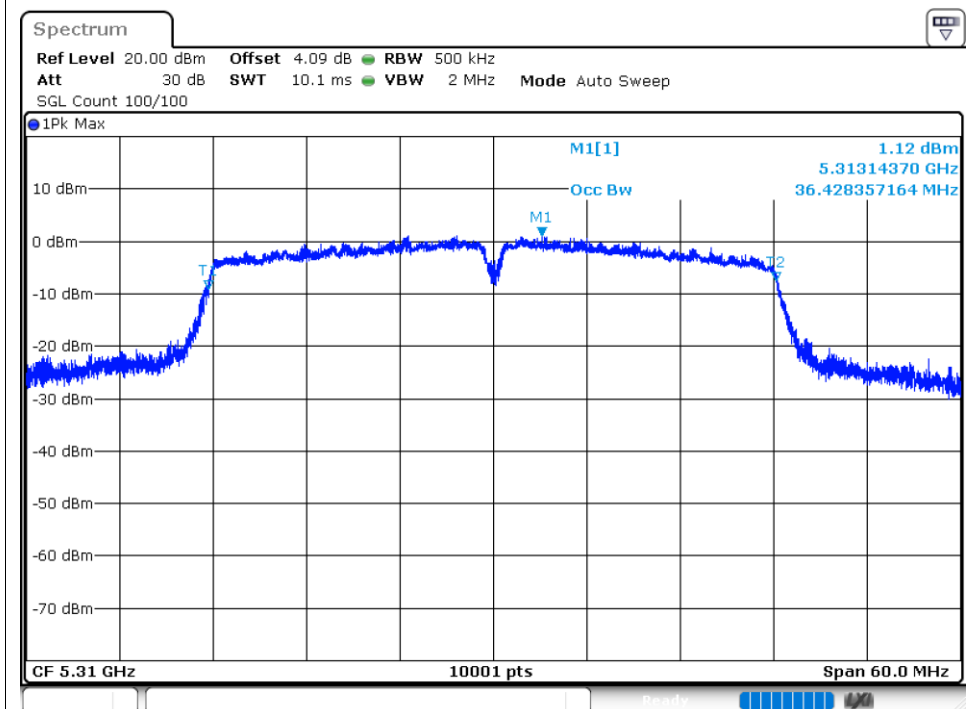
OBW NVNT n20 5320MHz Ant2



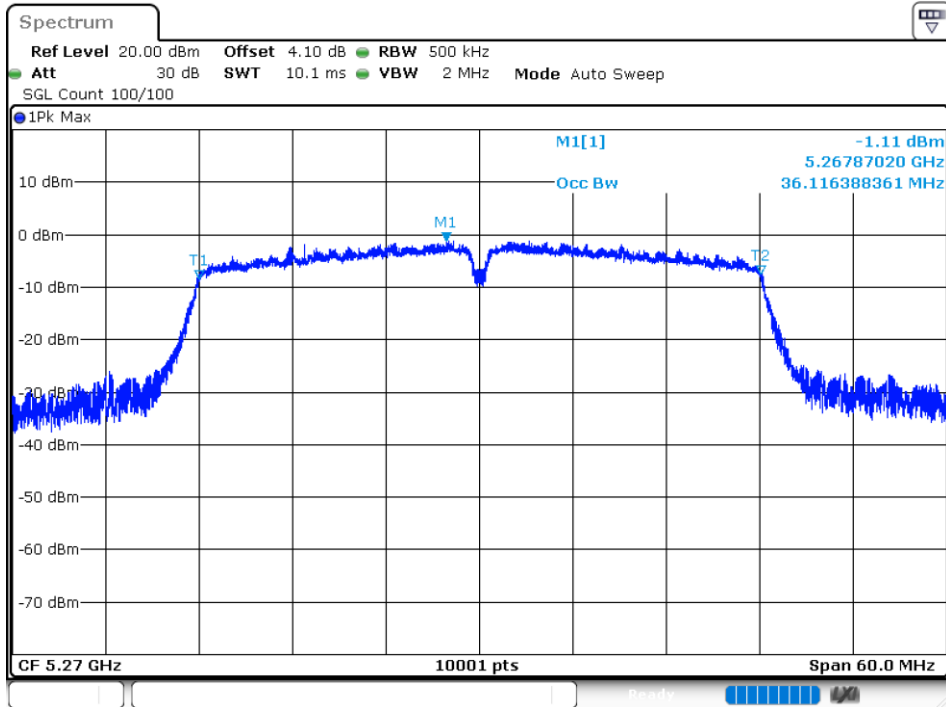
OBW NVNT n40 5270MHz Ant1



OBW NVNT n40 5310MHz Ant1



OBW NVNT n40 5270MHz Ant2



OBW NVNT n40 5310MHz Ant2

