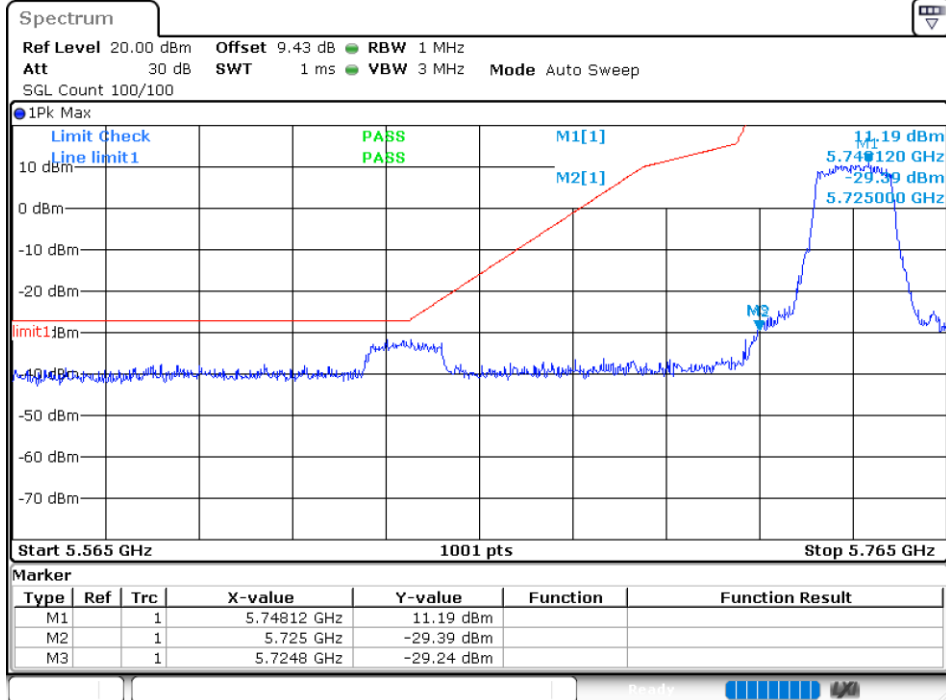
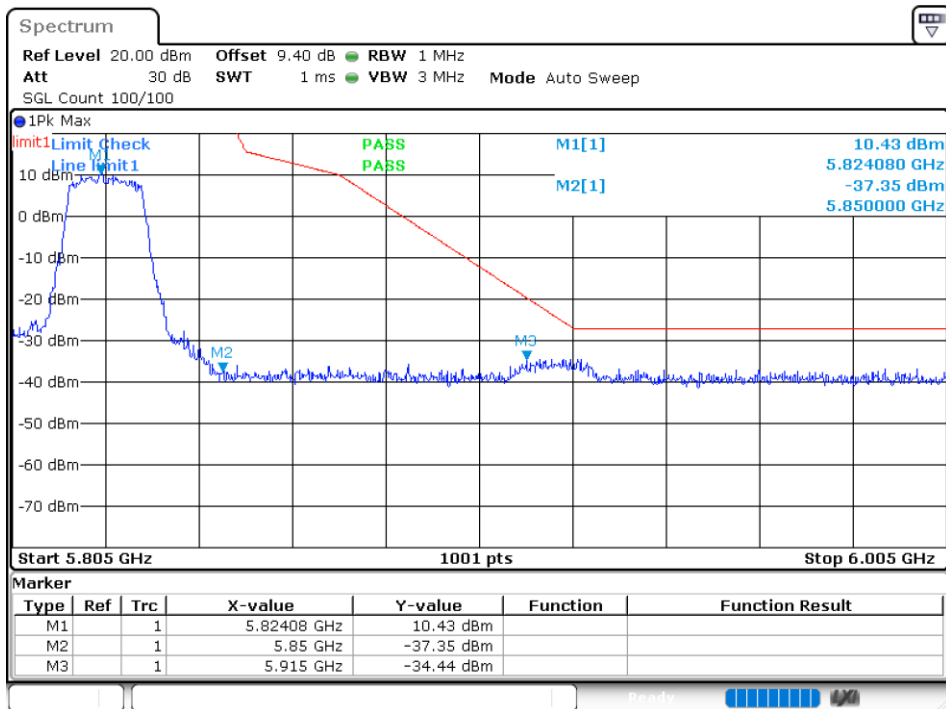


Test Graphs

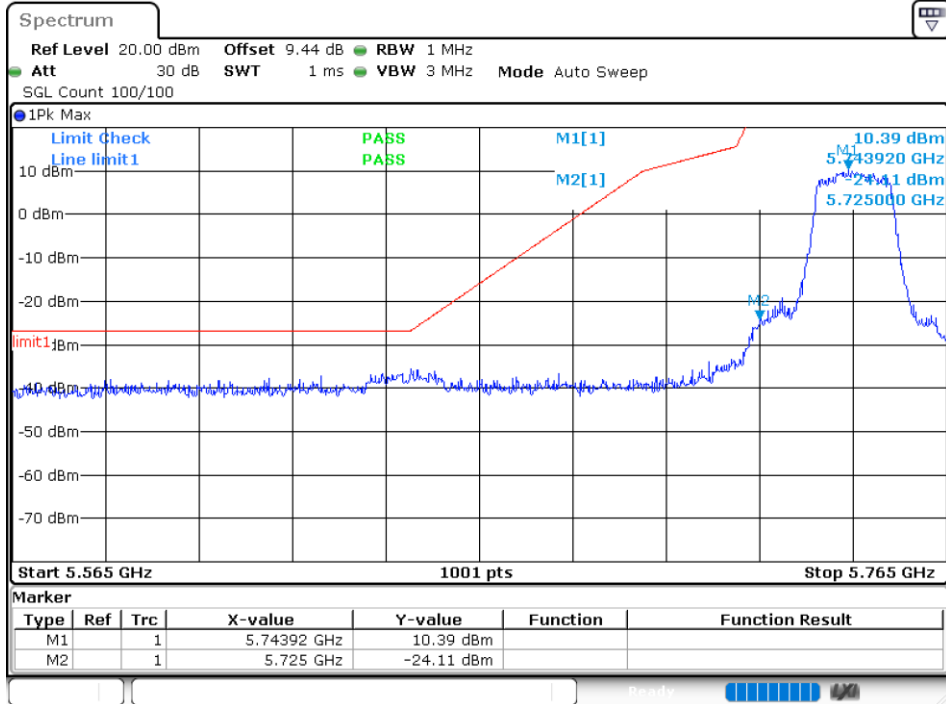
Band Edge NVNT a 5745MHz Low Ant1



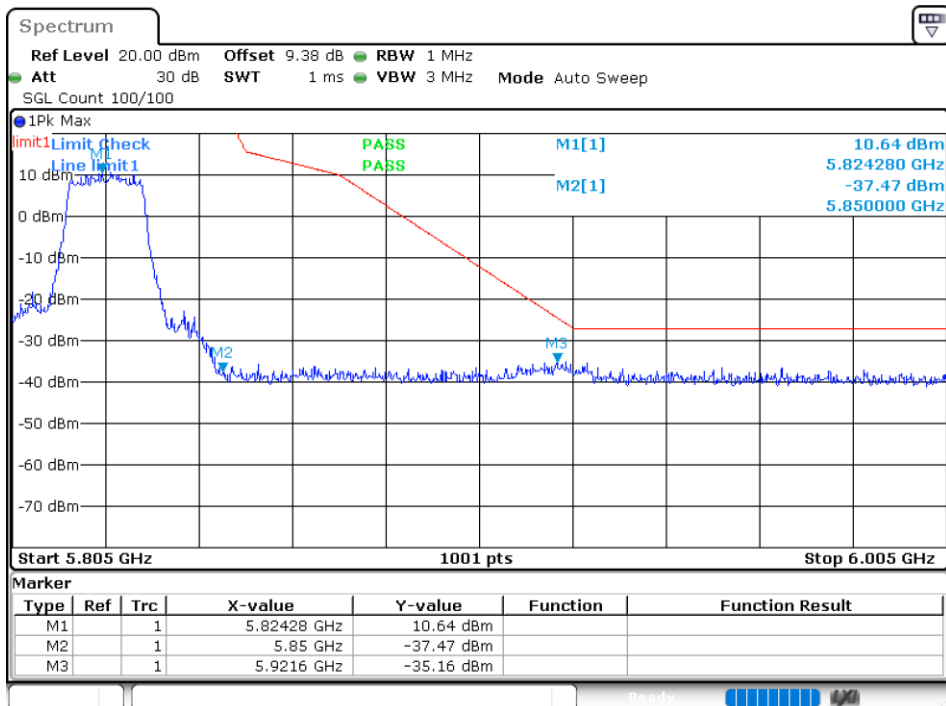
Band Edge NVNT a 5825MHz High Ant1



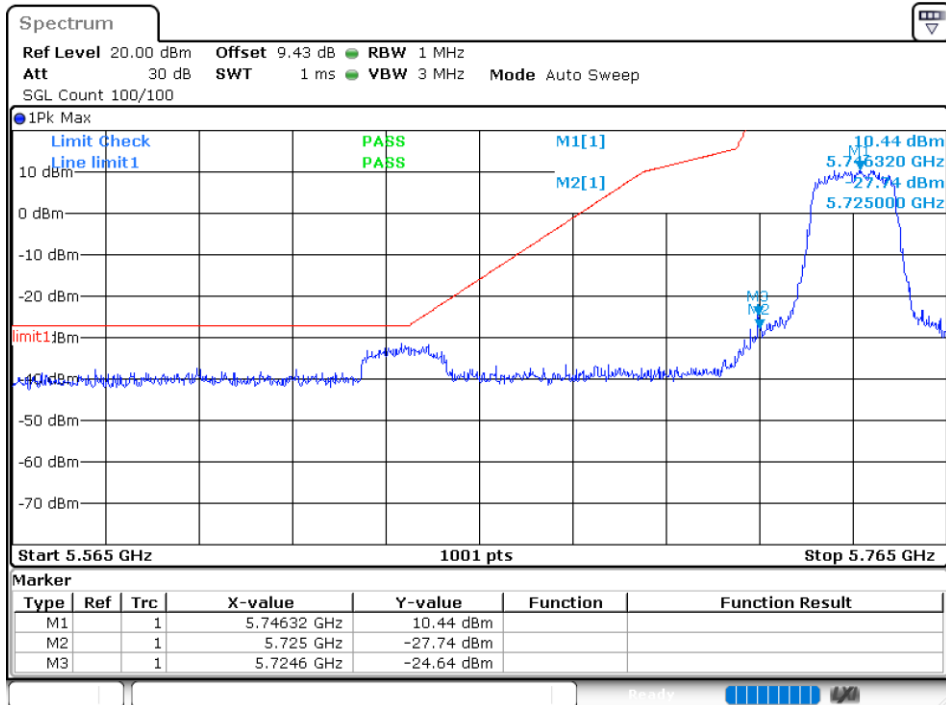
Band Edge NVNT a 5745MHz Low Ant2



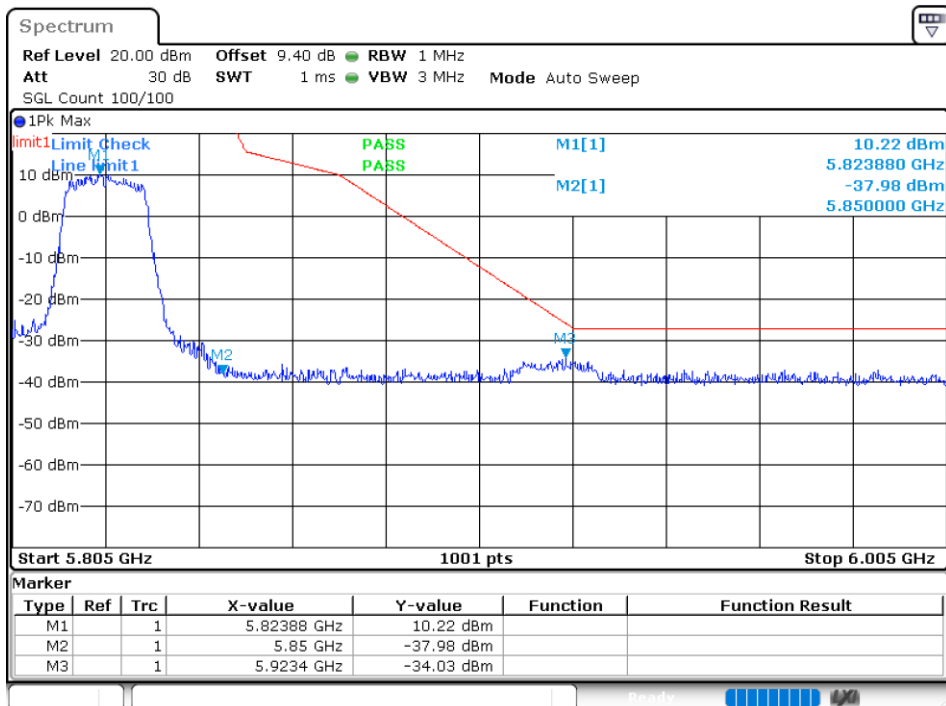
Band Edge NVNT a 5825MHz High Ant2



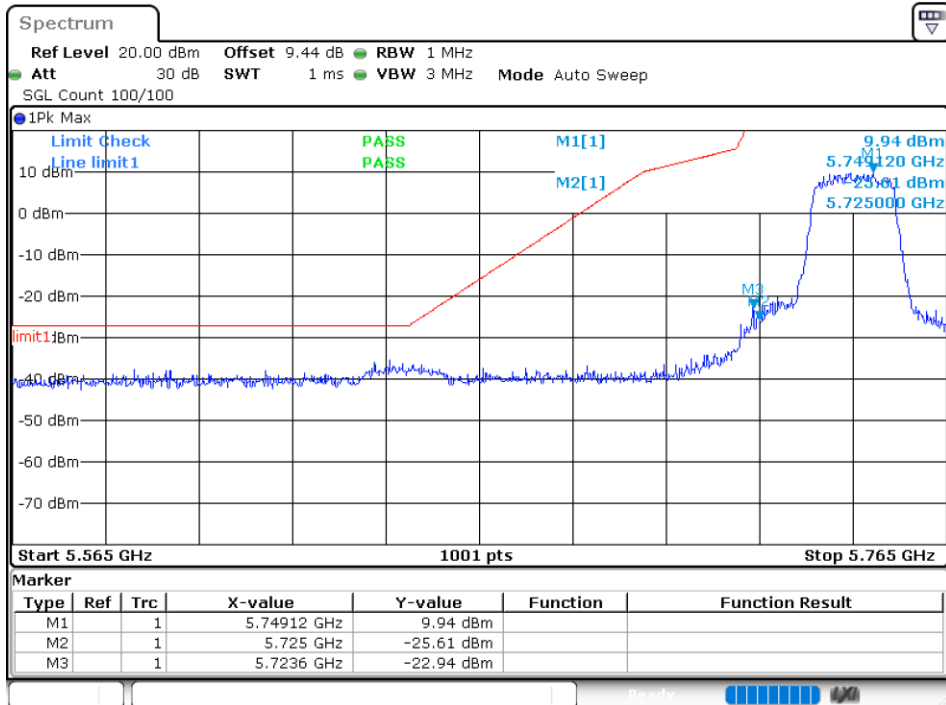
Band Edge NVNT n20 5745MHz Low Ant1



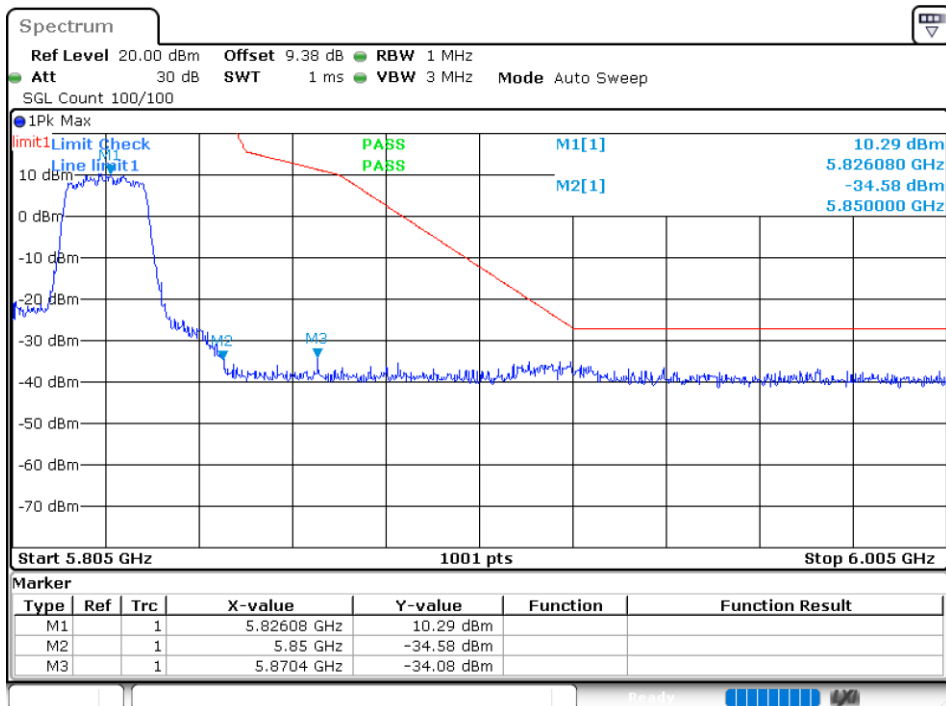
Band Edge NVNT n20 5825MHz High Ant1



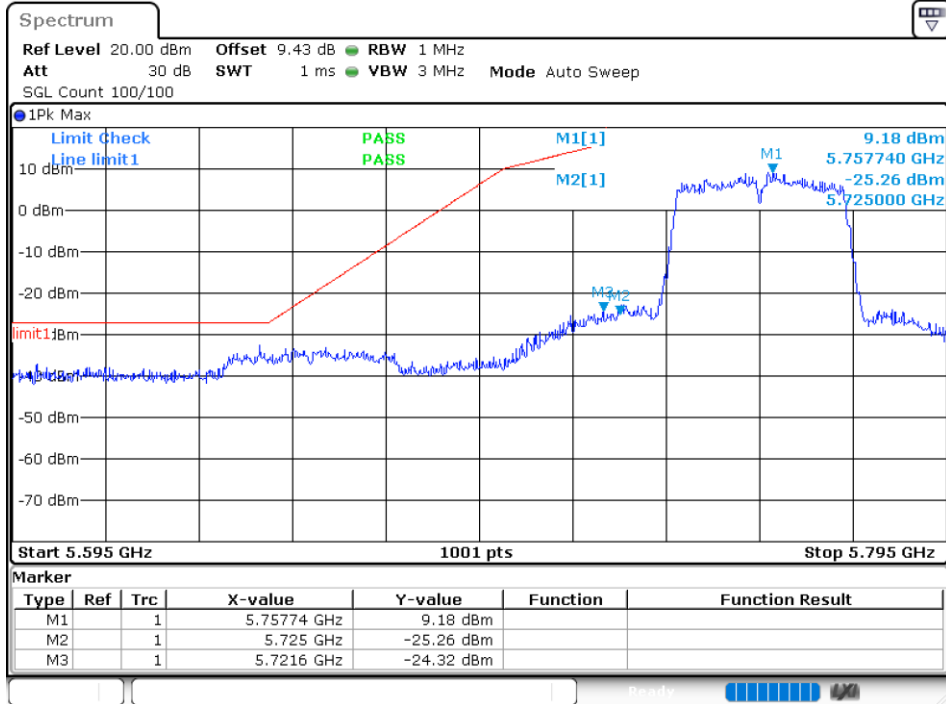
Band Edge NVNT n20 5745MHz Low Ant2



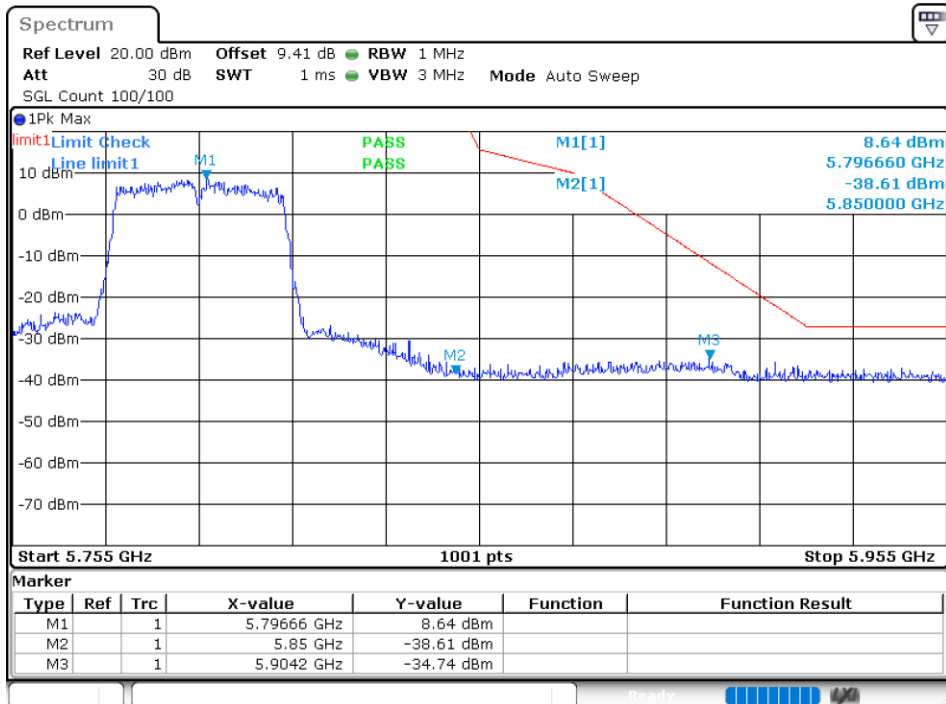
Band Edge NVNT n20 5825MHz High Ant2



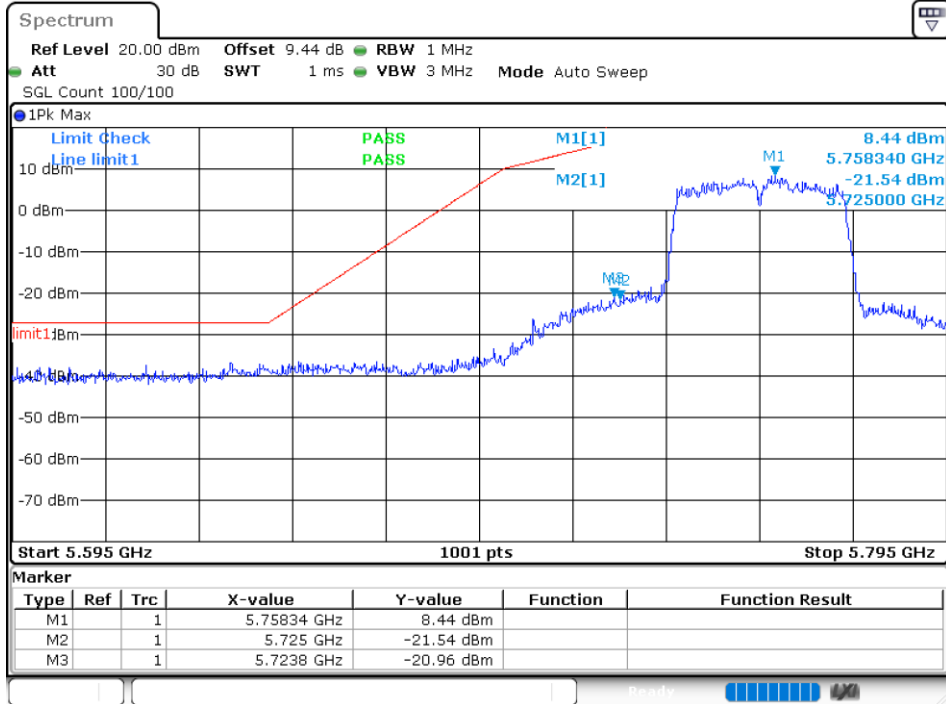
Band Edge NVNT n40 5755MHz Low Ant1



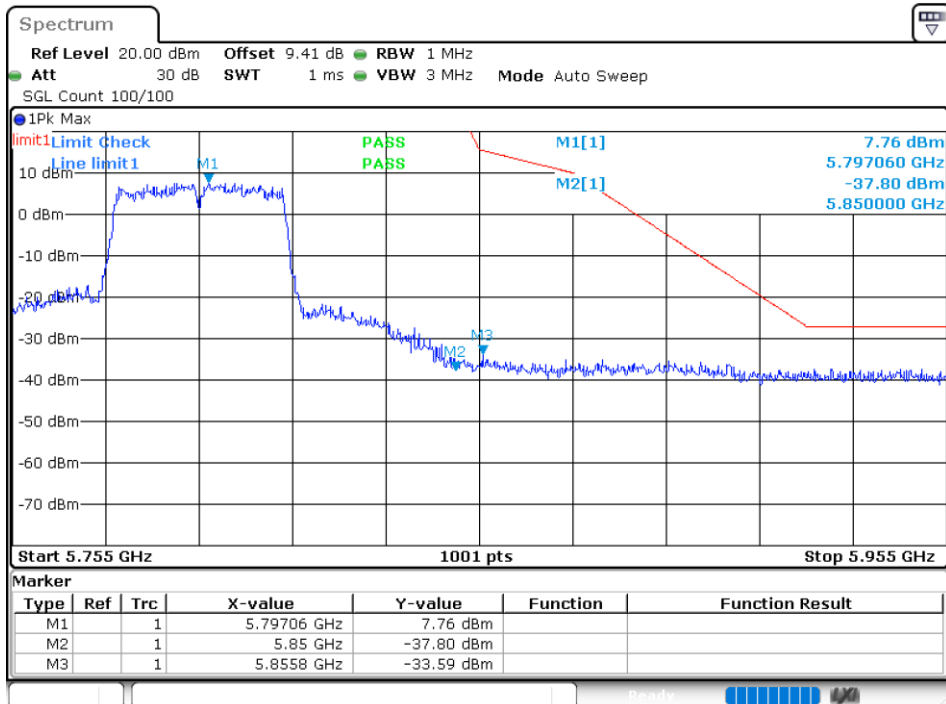
Band Edge NVNT n40 5795MHz High Ant1

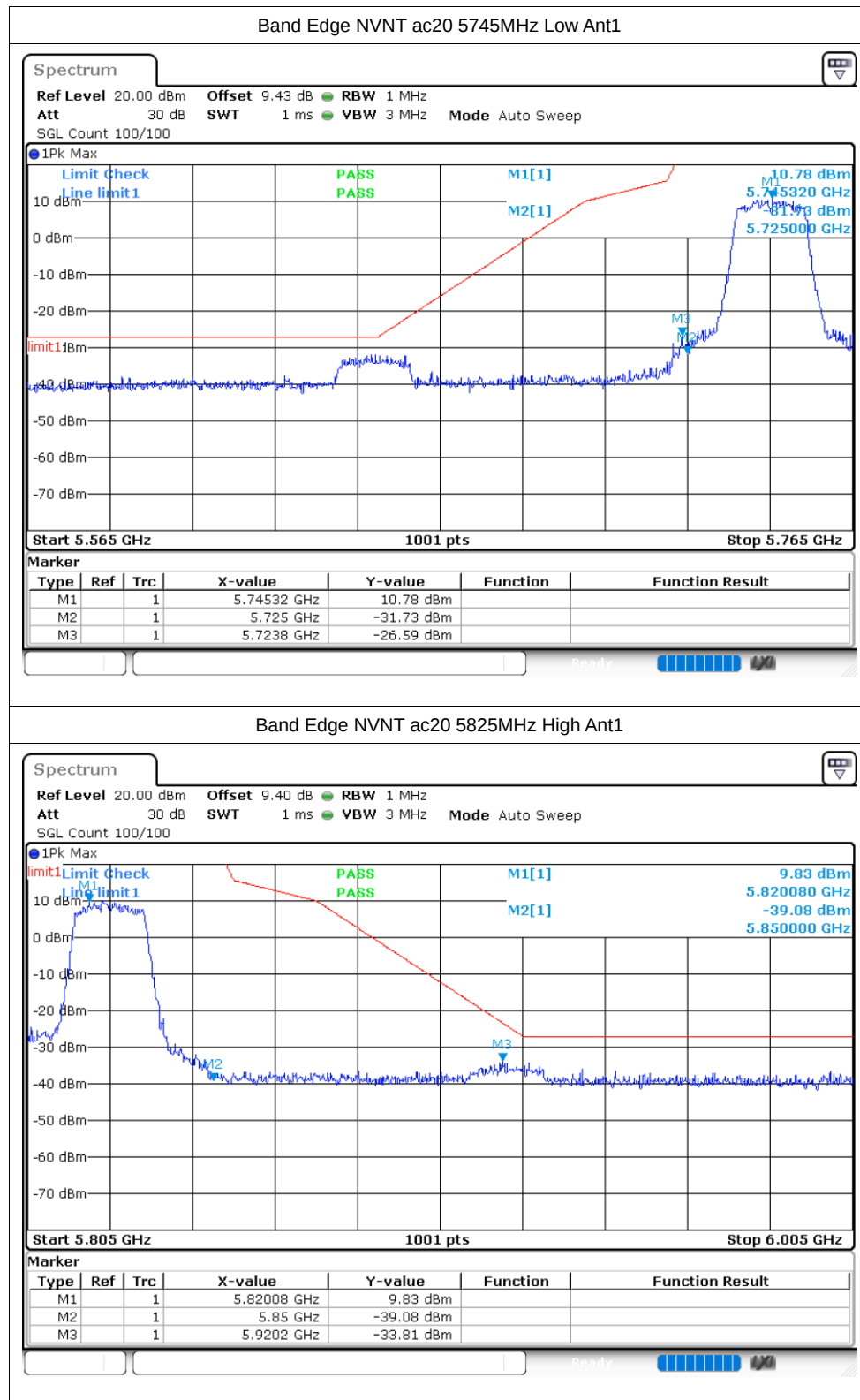


Band Edge NVNT n40 5755MHz Low Ant2

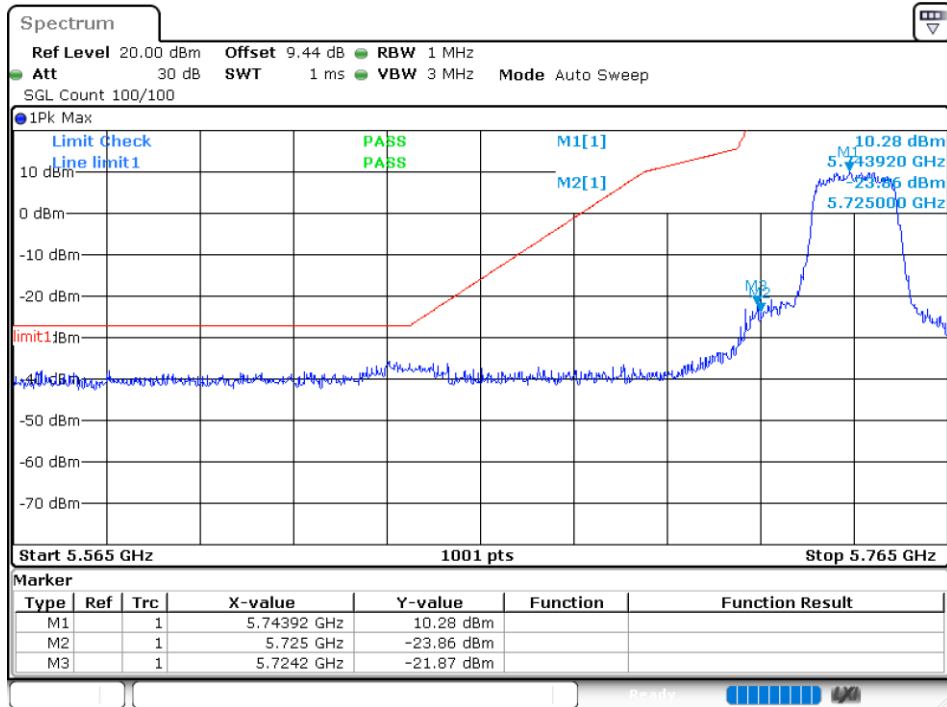


Band Edge NVNT n40 5795MHz High Ant2

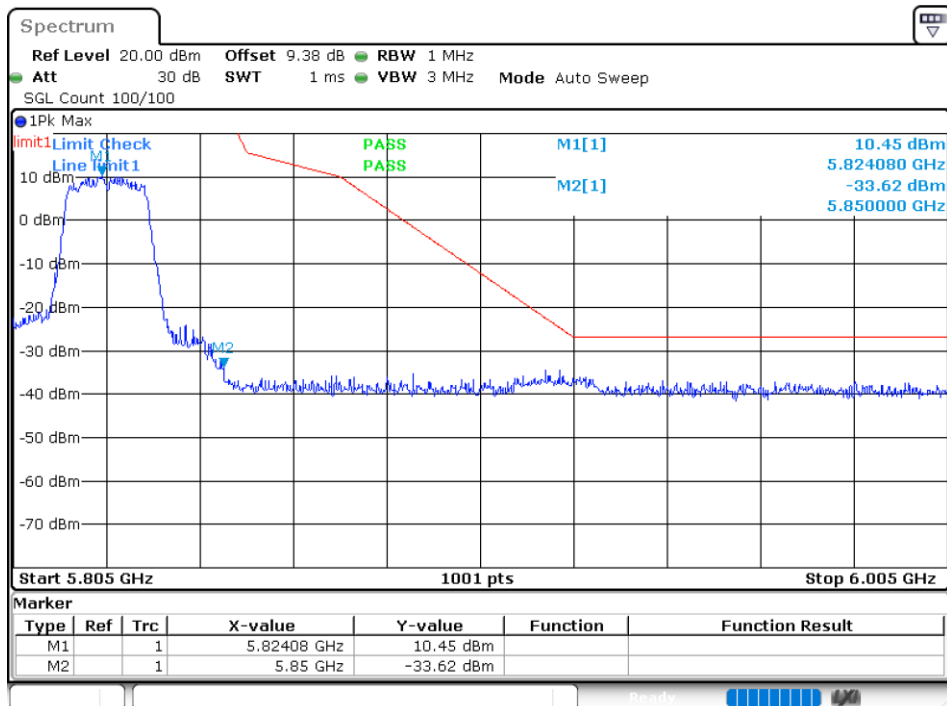




Band Edge NVNT ac20 5745MHz Low Ant2



Band Edge NVNT ac20 5825MHz High Ant2

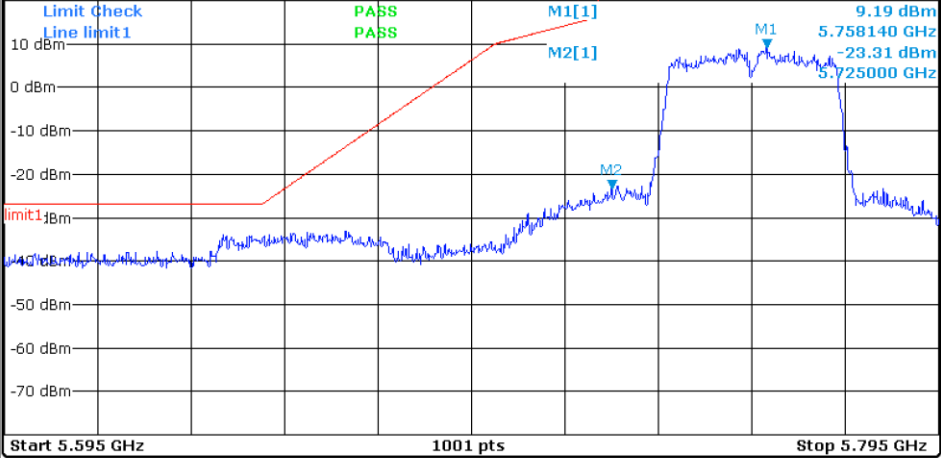


Band Edge NVNT ac40 5755MHz Low Ant1

Spectrum

Ref Level 20.00 dBm Offset 9.43 dB RBW 1 MHz
 Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
 SGL Count 100/100

1Pk Max



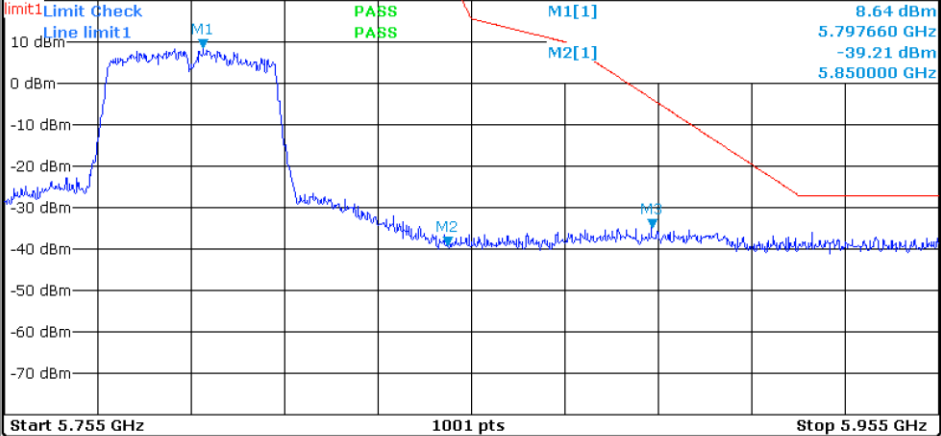
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.75814 GHz	9.19 dBm		
M2		1	5.725 GHz	-23.31 dBm		

Band Edge NVNT ac40 5795MHz High Ant1

Spectrum

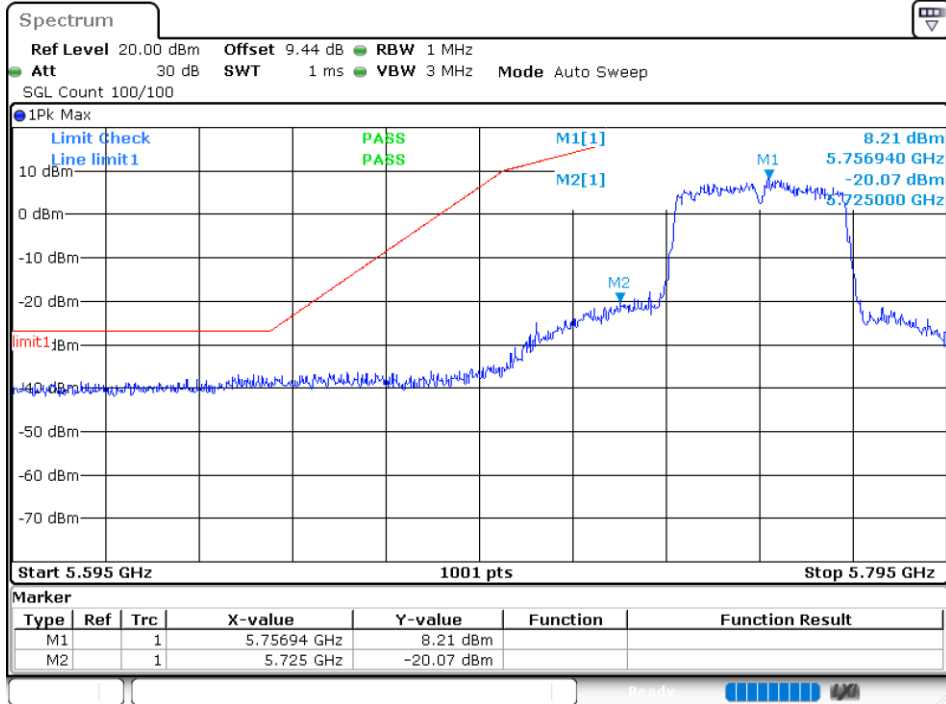
Ref Level 20.00 dBm Offset 9.41 dB RBW 1 MHz
 Att 30 dB SWT 1 ms VBW 3 MHz Mode Auto Sweep
 SGL Count 100/100

1Pk Max

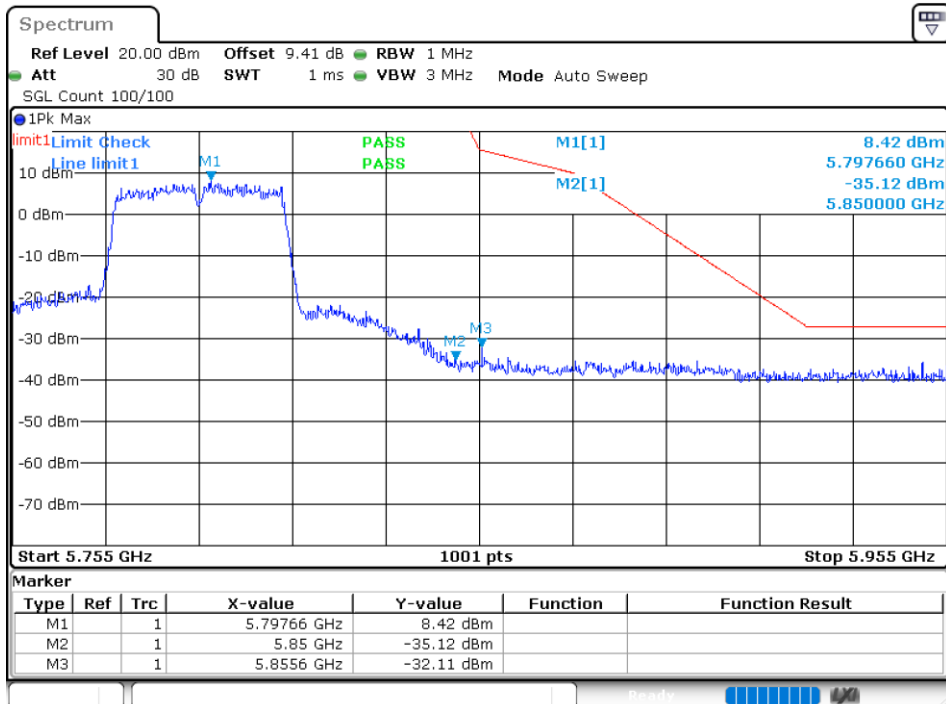


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.79766 GHz	8.64 dBm		
M2		1	5.85 GHz	-39.21 dBm		
M3		1	5.8936 GHz	-34.88 dBm		

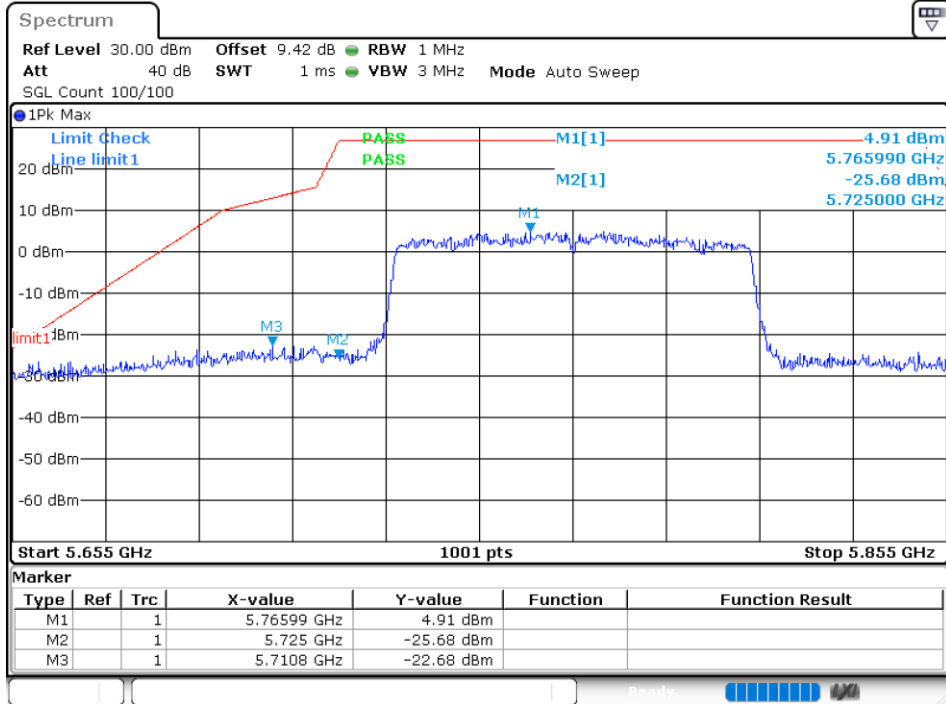
Band Edge NVNT ac40 5755MHz Low Ant2



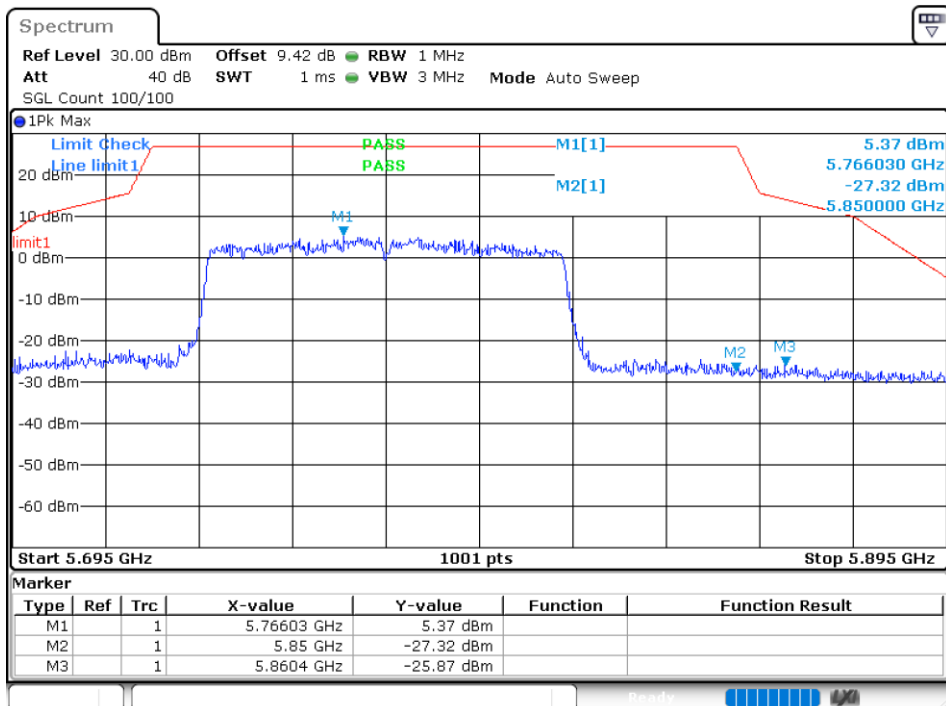
Band Edge NVNT ac40 5795MHz High Ant2



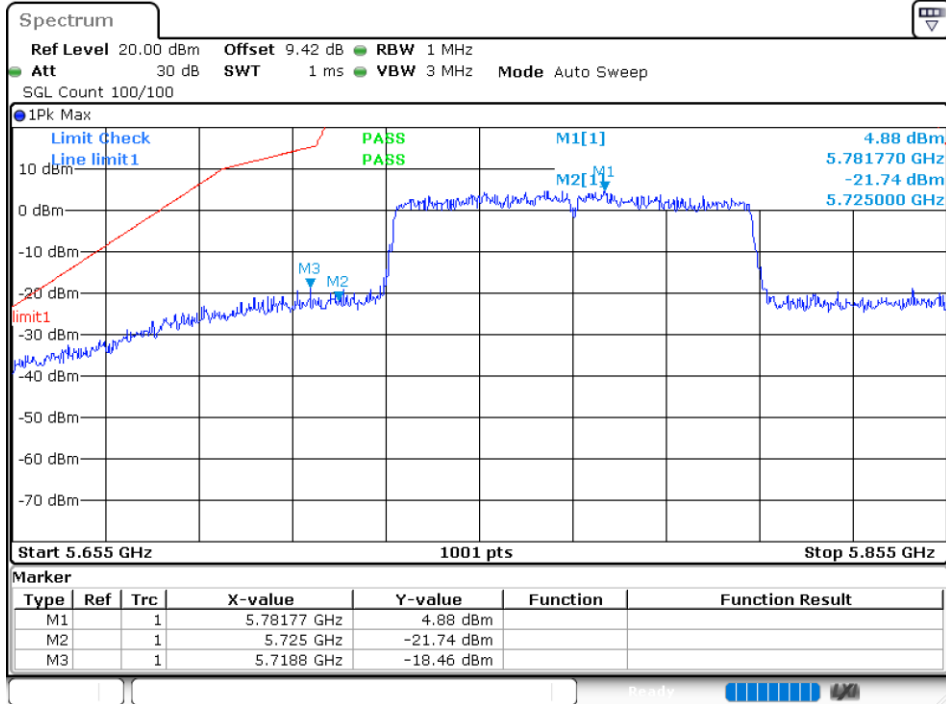
Band Edge NVNT ac80 5775MHz Low Ant1



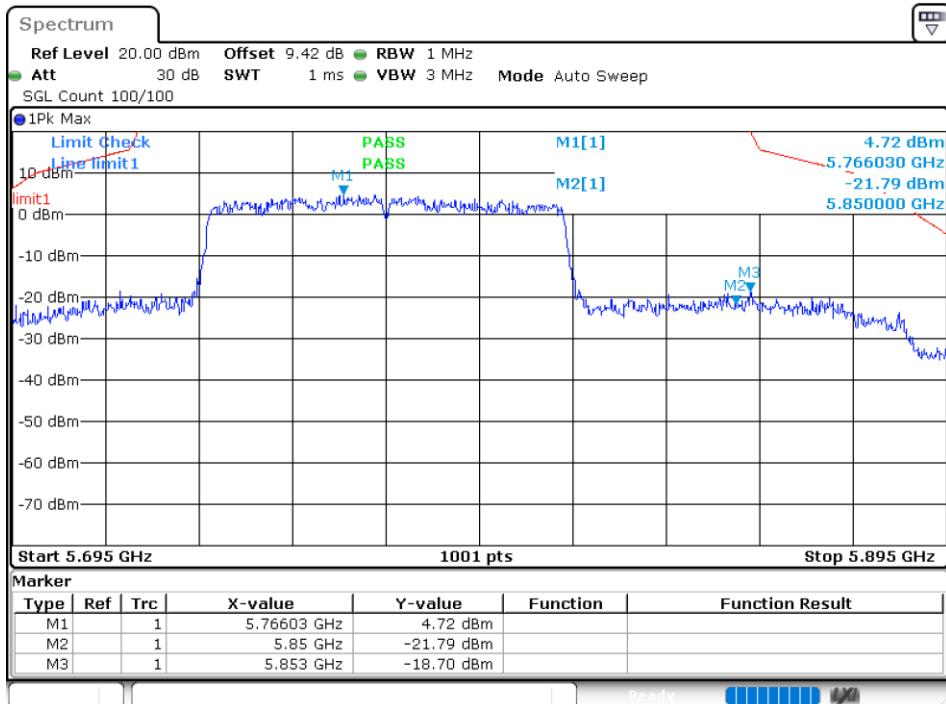
Band Edge NVNT ac80 5775MHz High Ant1



Band Edge NVNT ac80 5775MHz Low Ant2



Band Edge NVNT ac80 5775MHz High Ant2



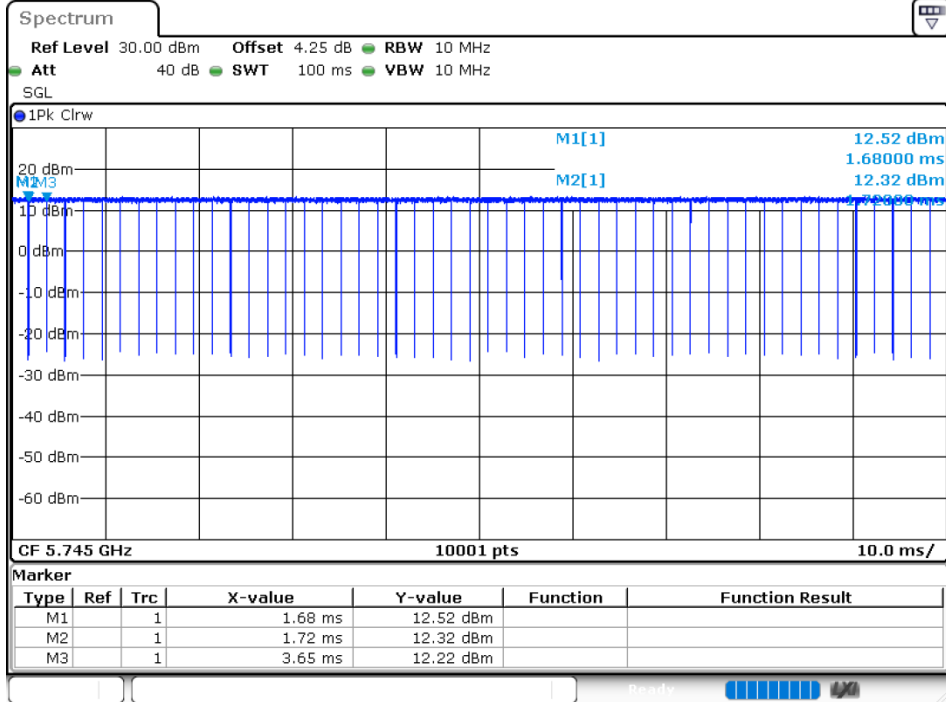
5.8GWIFI MIMO

Duty Cycle

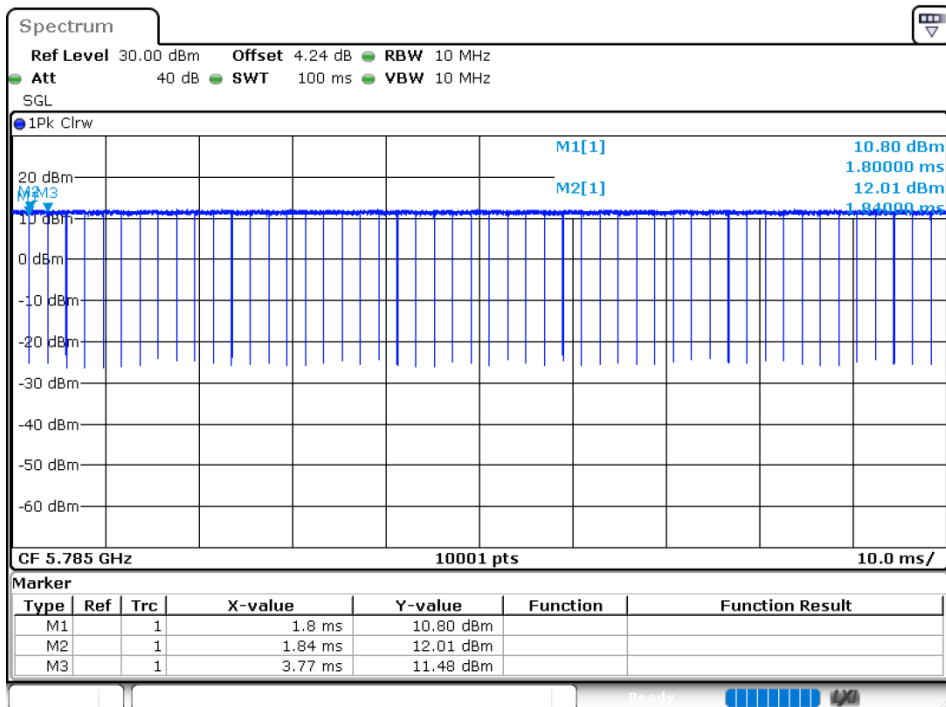
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5745	Ant1	98.71	0.06	0.52
NVNT	ac20	5785	Ant1	98.71	0.06	0.52
NVNT	ac20	5825	Ant1	98.68	0.06	0.52
NVNT	ac40	5755	Ant1	97.42	0.11	1.05
NVNT	ac40	5795	Ant1	97.49	0.11	1.05
NVNT	ac80	5775	Ant1	94	0.27	2.17
NVNT	n20	5745	Ant1	99.12	0.04	0.52
NVNT	n20	5785	Ant1	99.87	0.01	0.17
NVNT	n20	5825	Ant1	98.69	0.06	0.52
NVNT	n40	5755	Ant1	97.3	0.12	1.06
NVNT	n40	5795	Ant1	97.35	0.12	1.05
NVNT	ac20	5745	Ant2	98.68	0.06	0.52
NVNT	ac20	5785	Ant2	98.62	0.06	0.52
NVNT	ac20	5825	Ant2	98.62	0.06	0.52
NVNT	ac40	5755	Ant2	97.5	0.11	1.05
NVNT	ac40	5795	Ant2	97.38	0.12	1.05
NVNT	ac80	5775	Ant2	95.77	0.19	2.13
NVNT	n20	5745	Ant2	98.68	0.06	0.52
NVNT	n20	5785	Ant2	98.61	0.06	0.52
NVNT	n20	5825	Ant2	99.66	0.01	0.26
NVNT	n40	5755	Ant2	99.03	0.04	1.05
NVNT	n40	5795	Ant2	99.27	0.03	1.02

Test Graphs

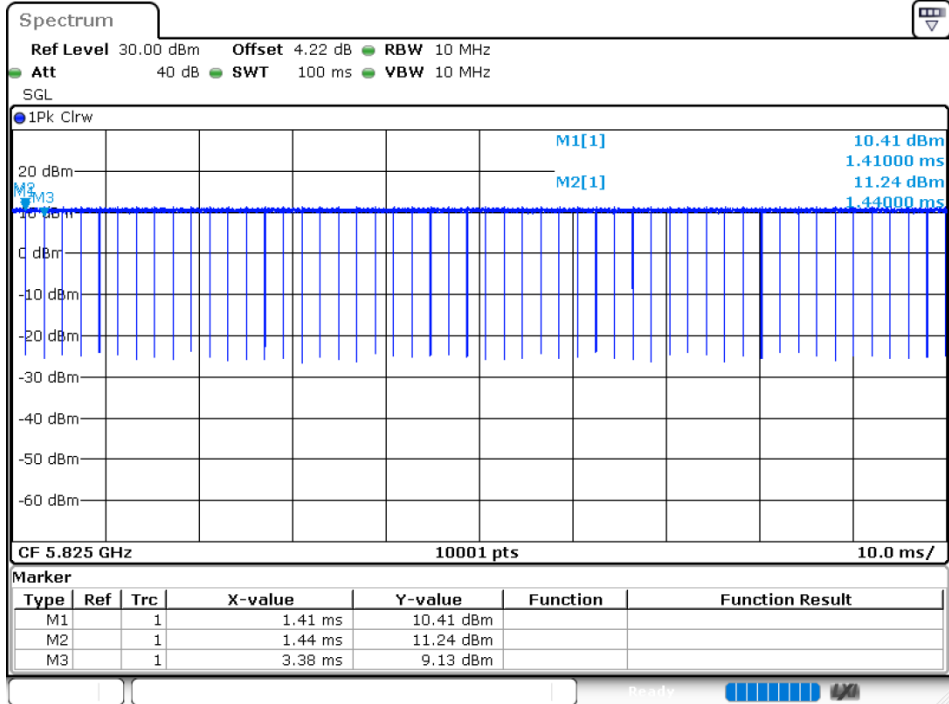
Duty Cycle NVNT ac20 5745MHz Ant1



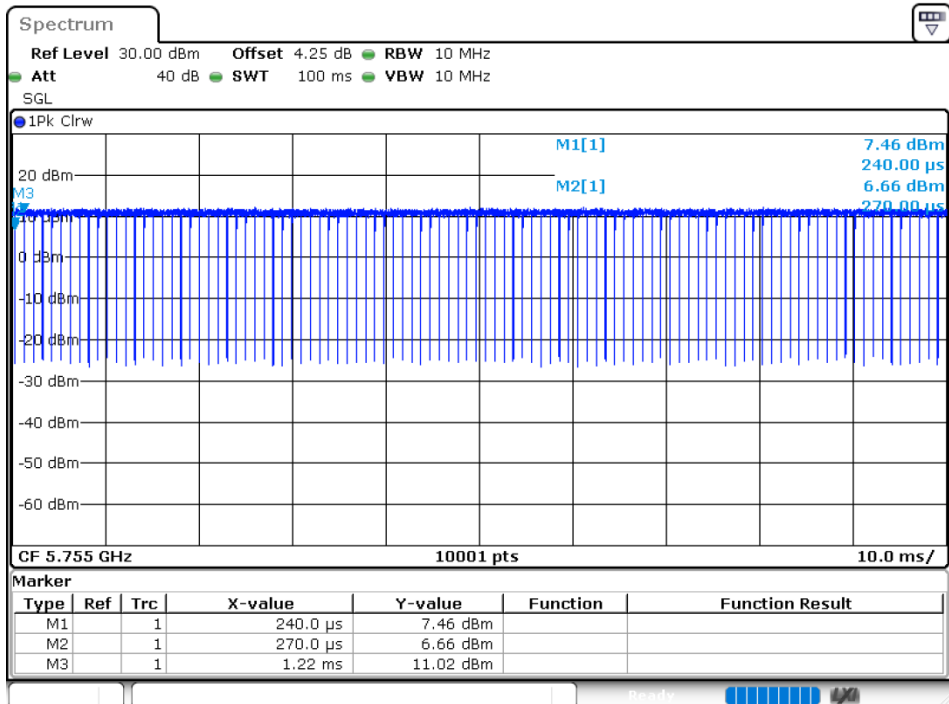
Duty Cycle NVNT ac20 5785MHz Ant1



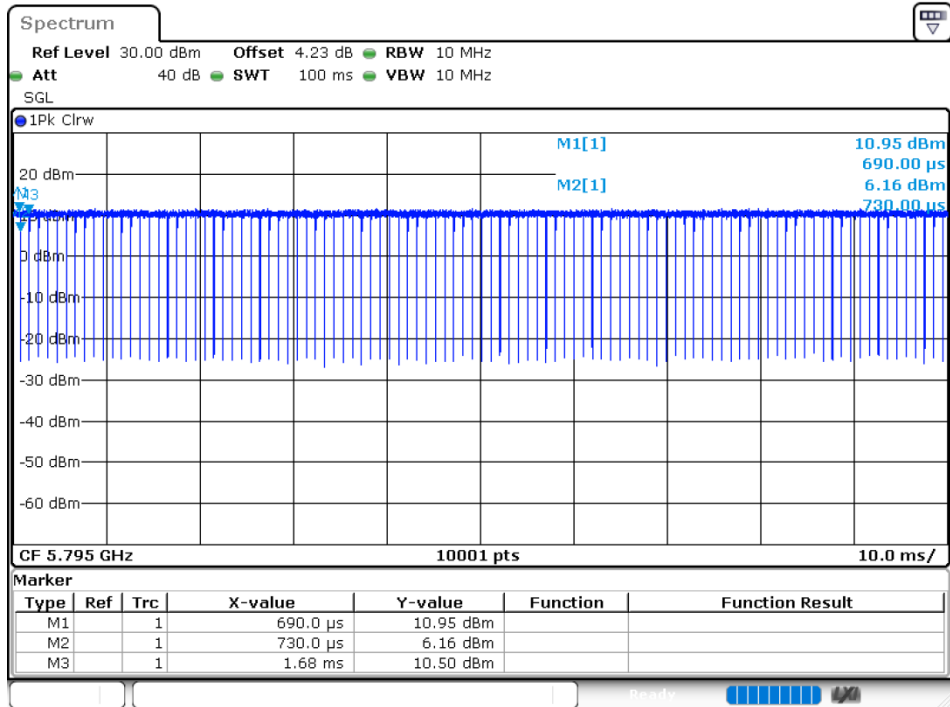
Duty Cycle NVNT ac20 5825MHz Ant1



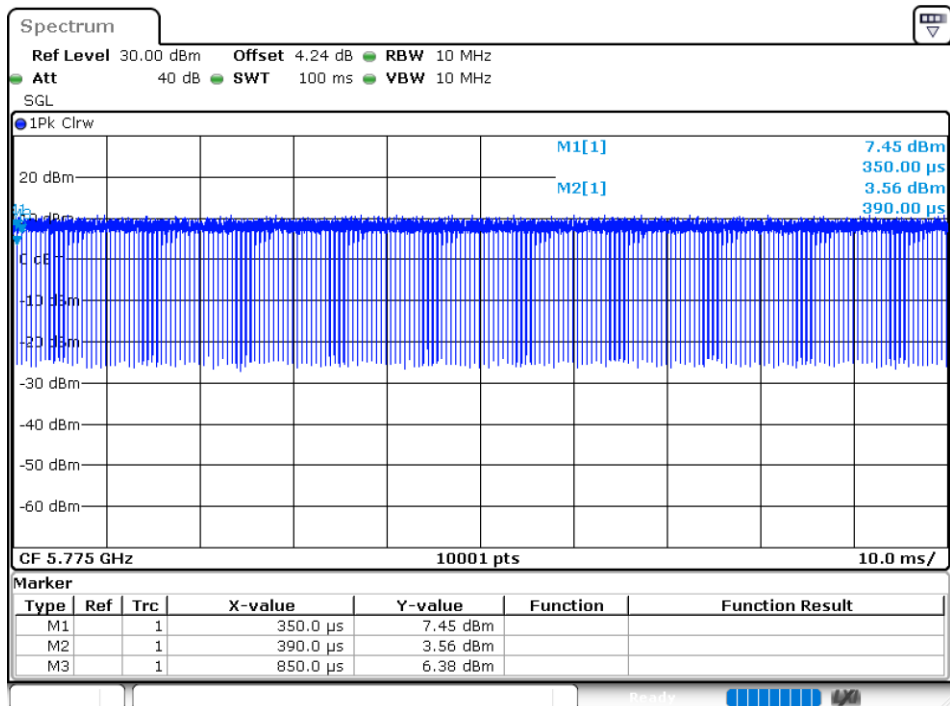
Duty Cycle NVNT ac40 5755MHz Ant1

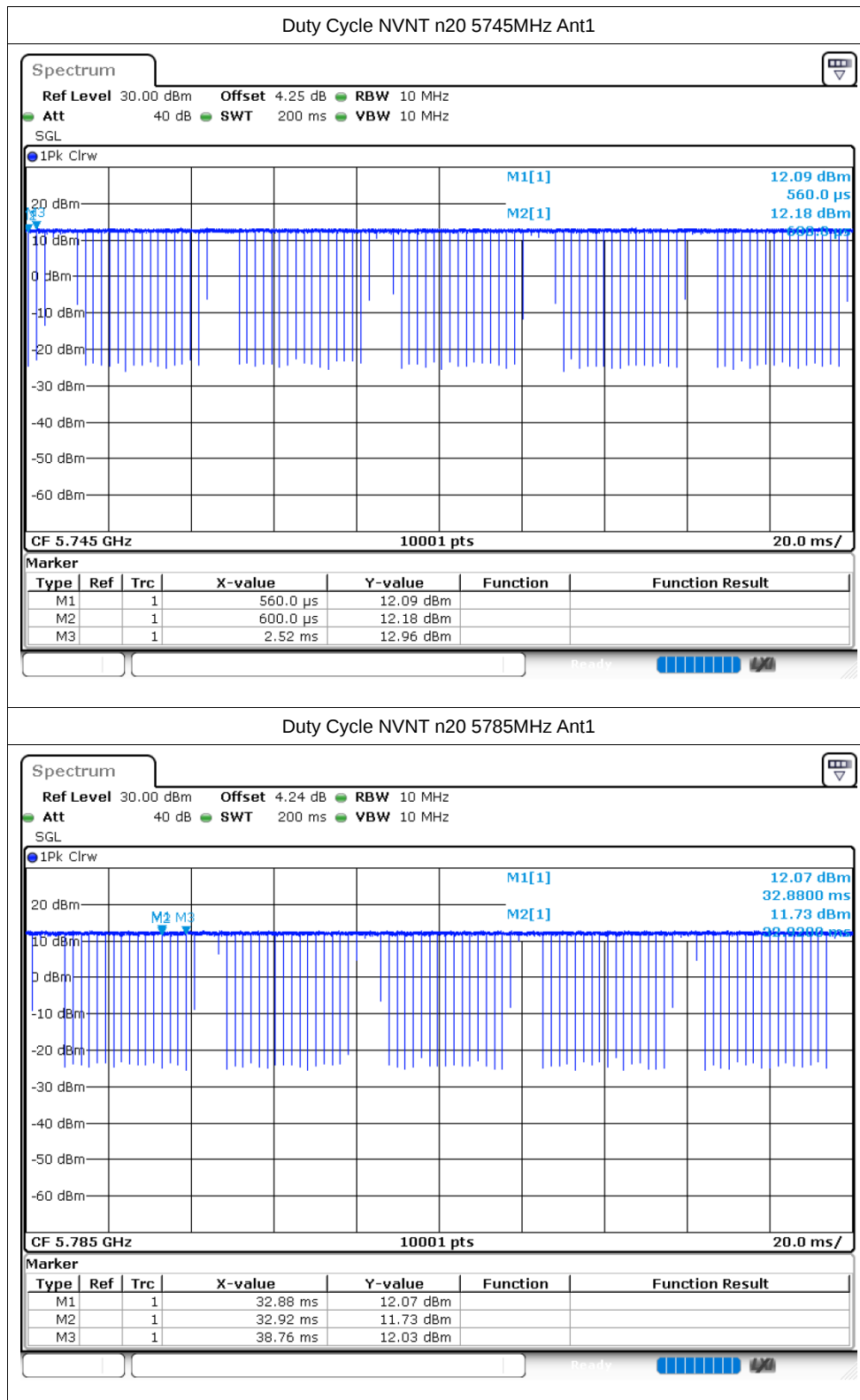


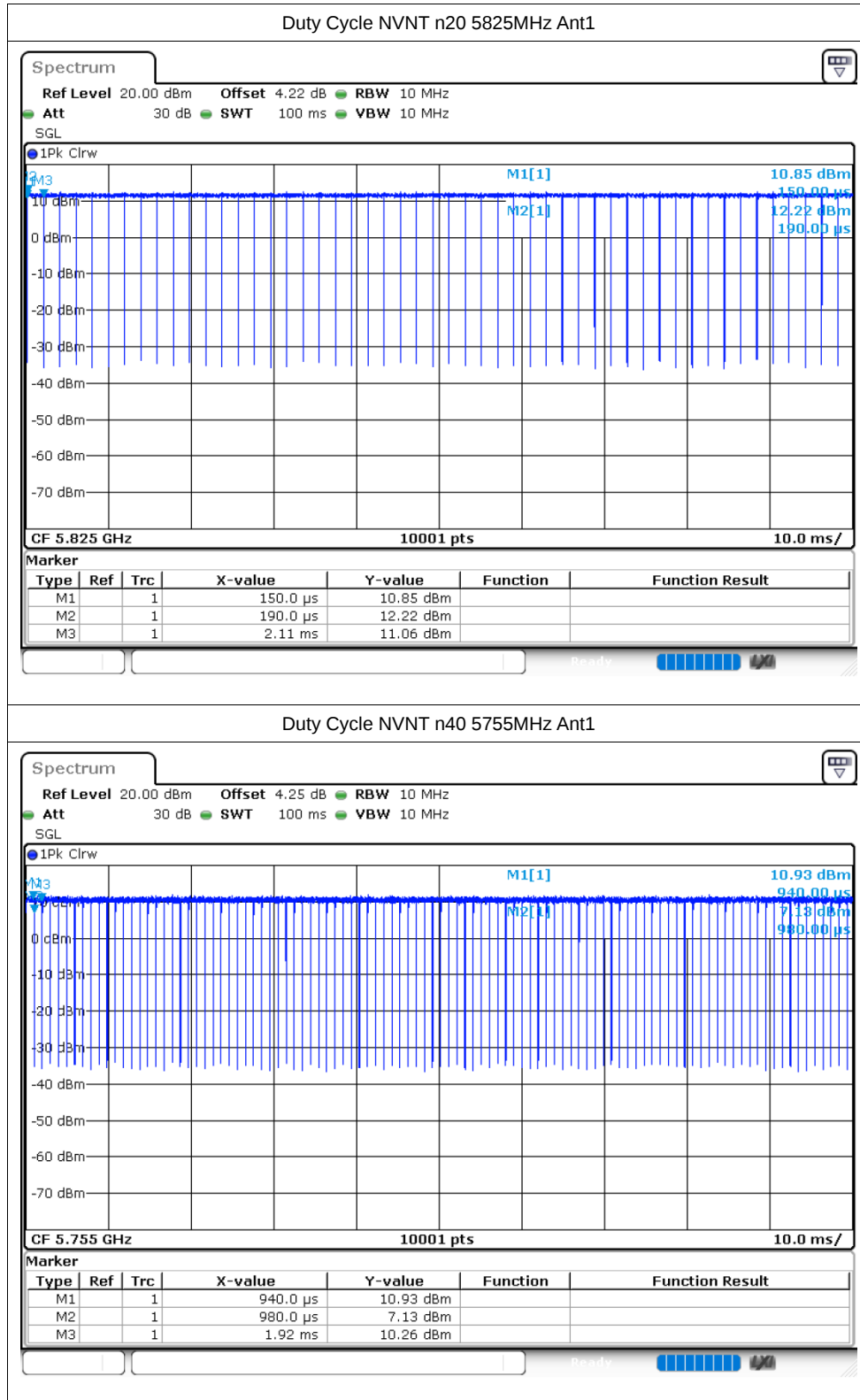
Duty Cycle NVNT ac40 5795MHz Ant1

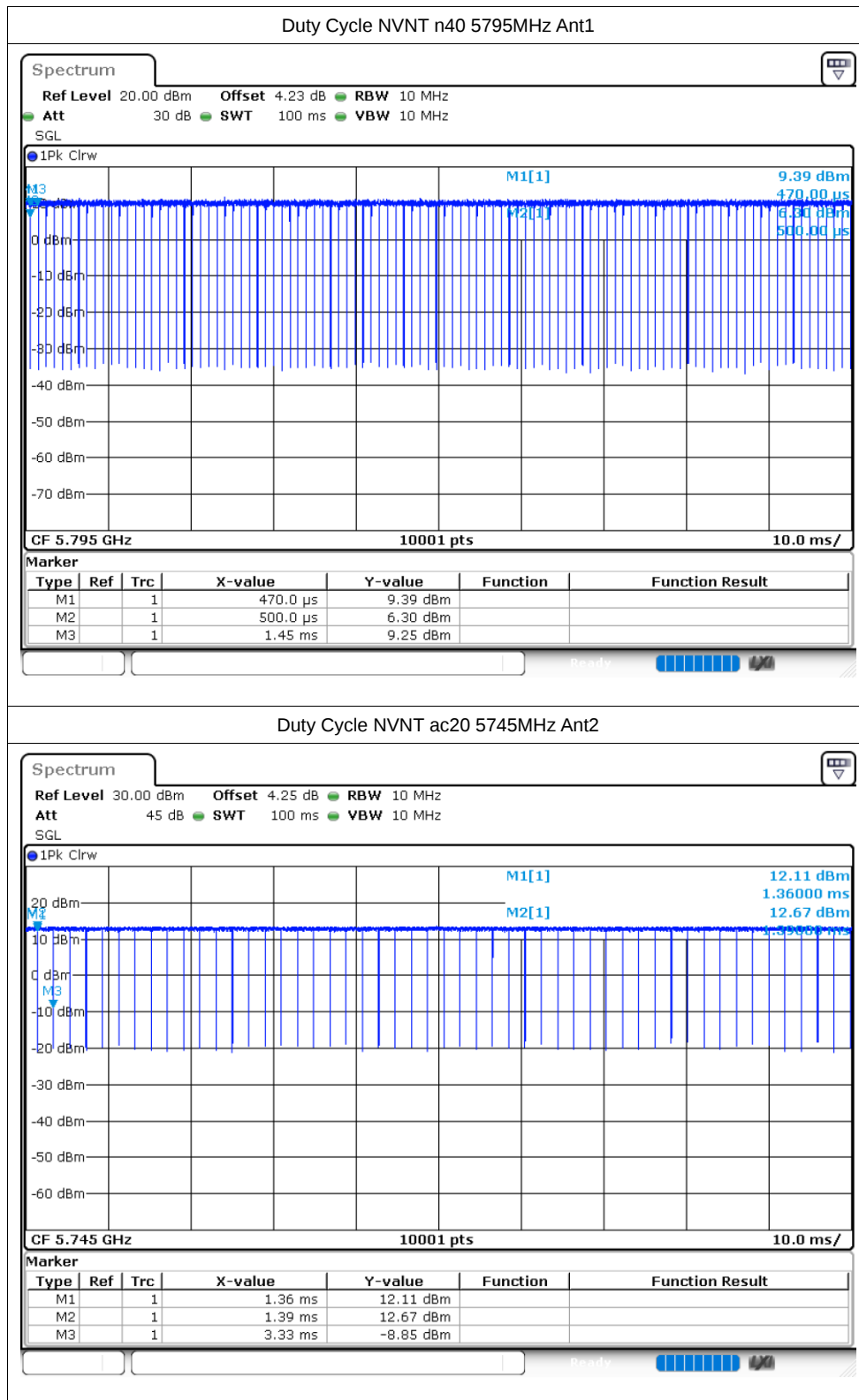


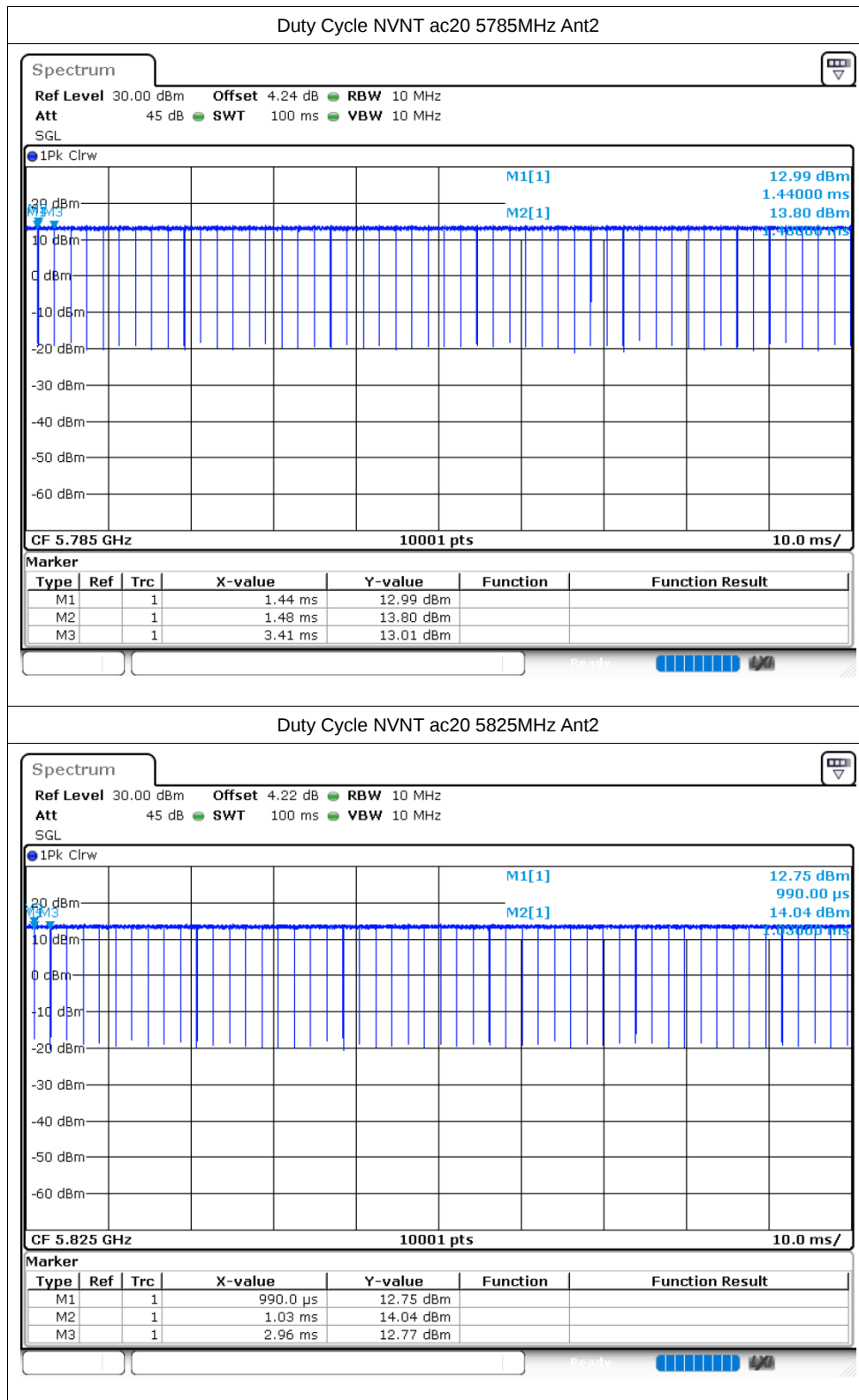
Duty Cycle NVNT ac80 5775MHz Ant1

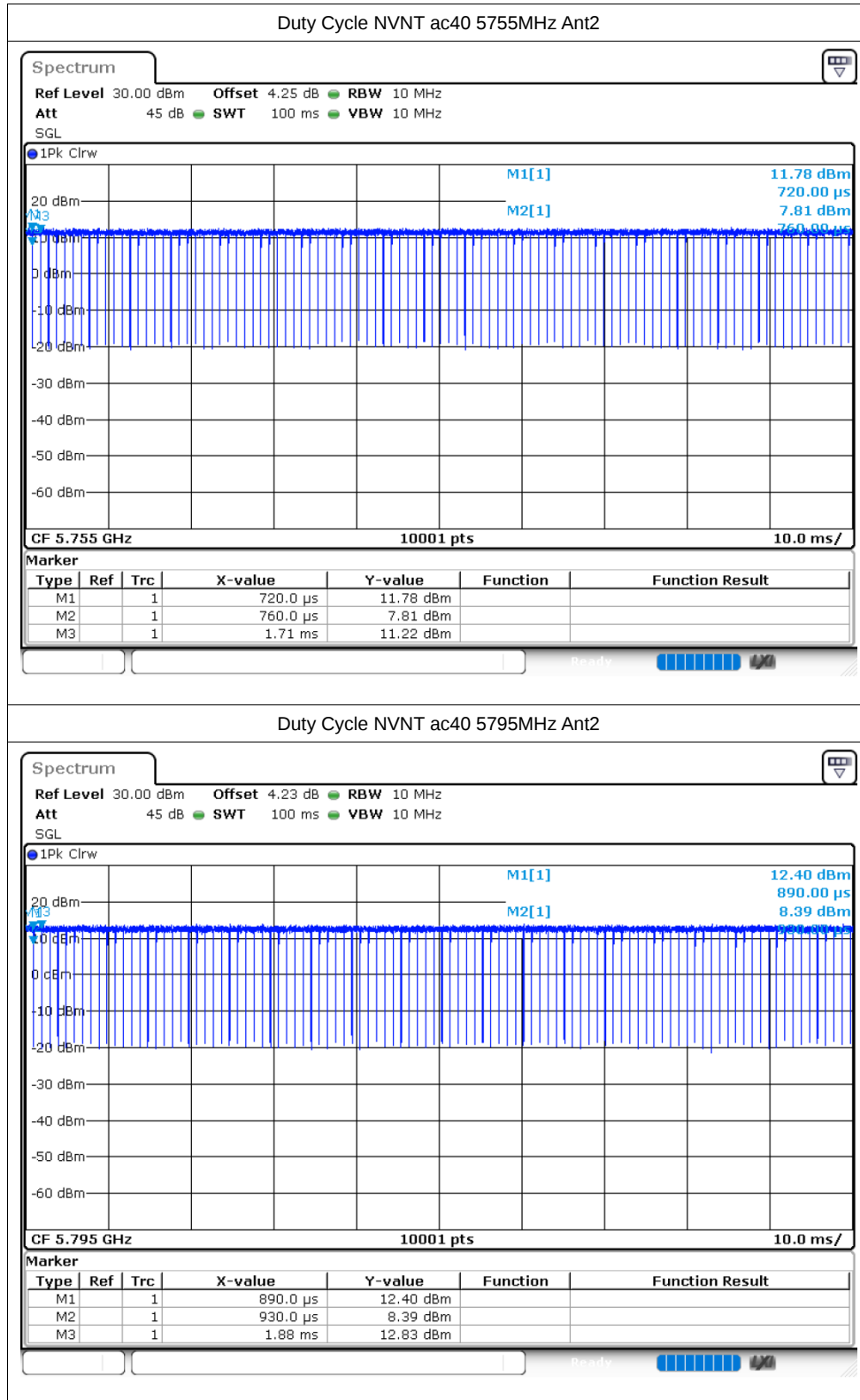


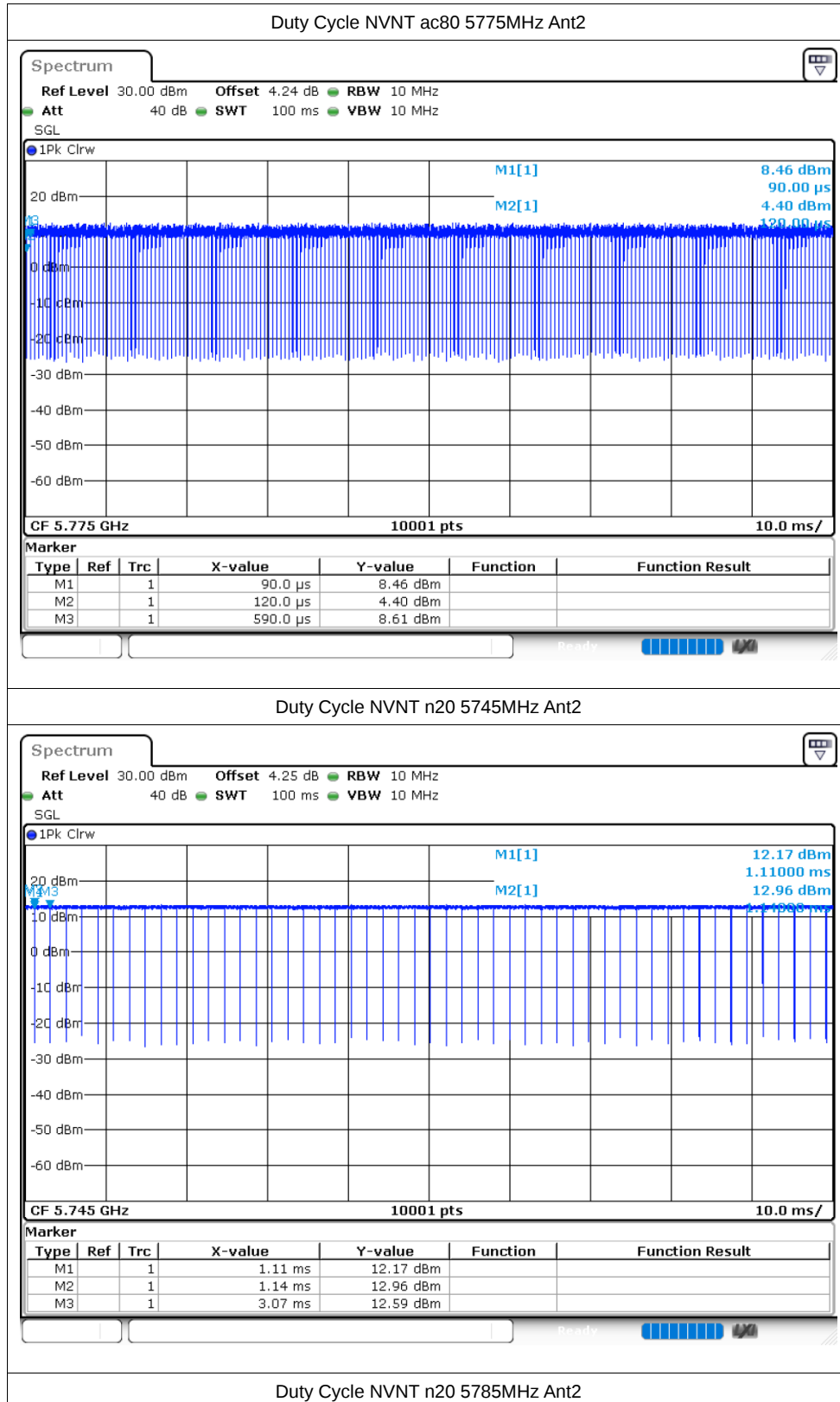


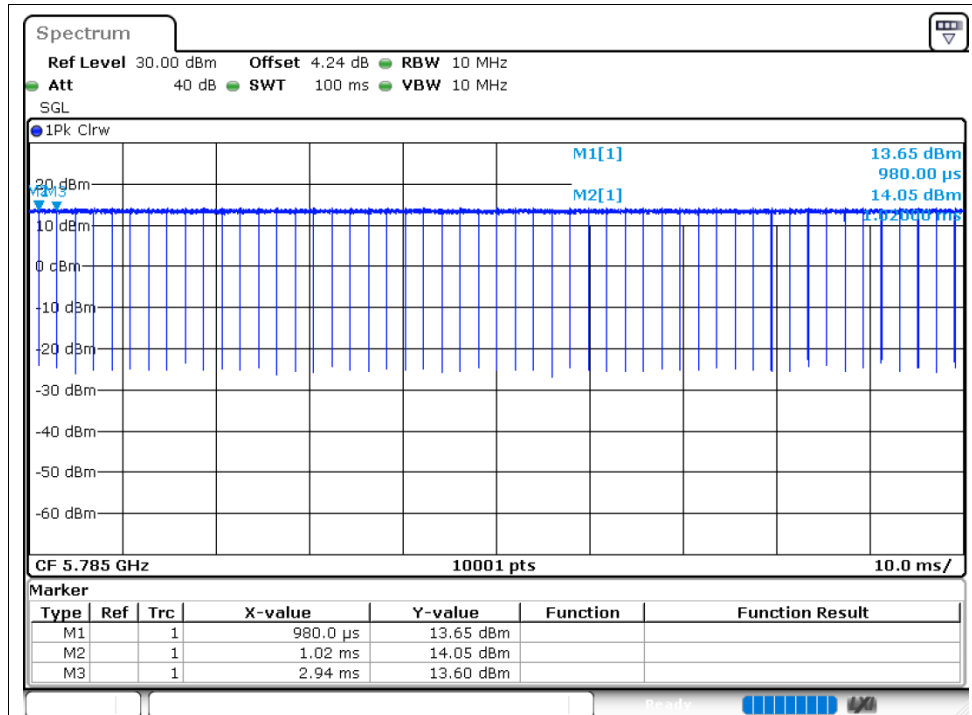




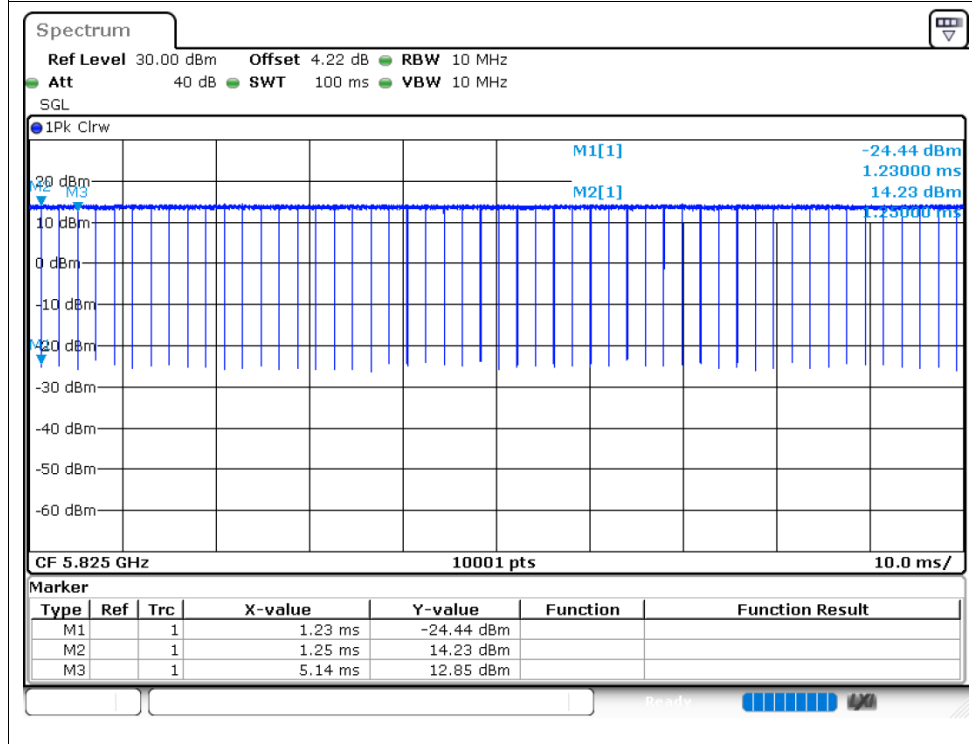


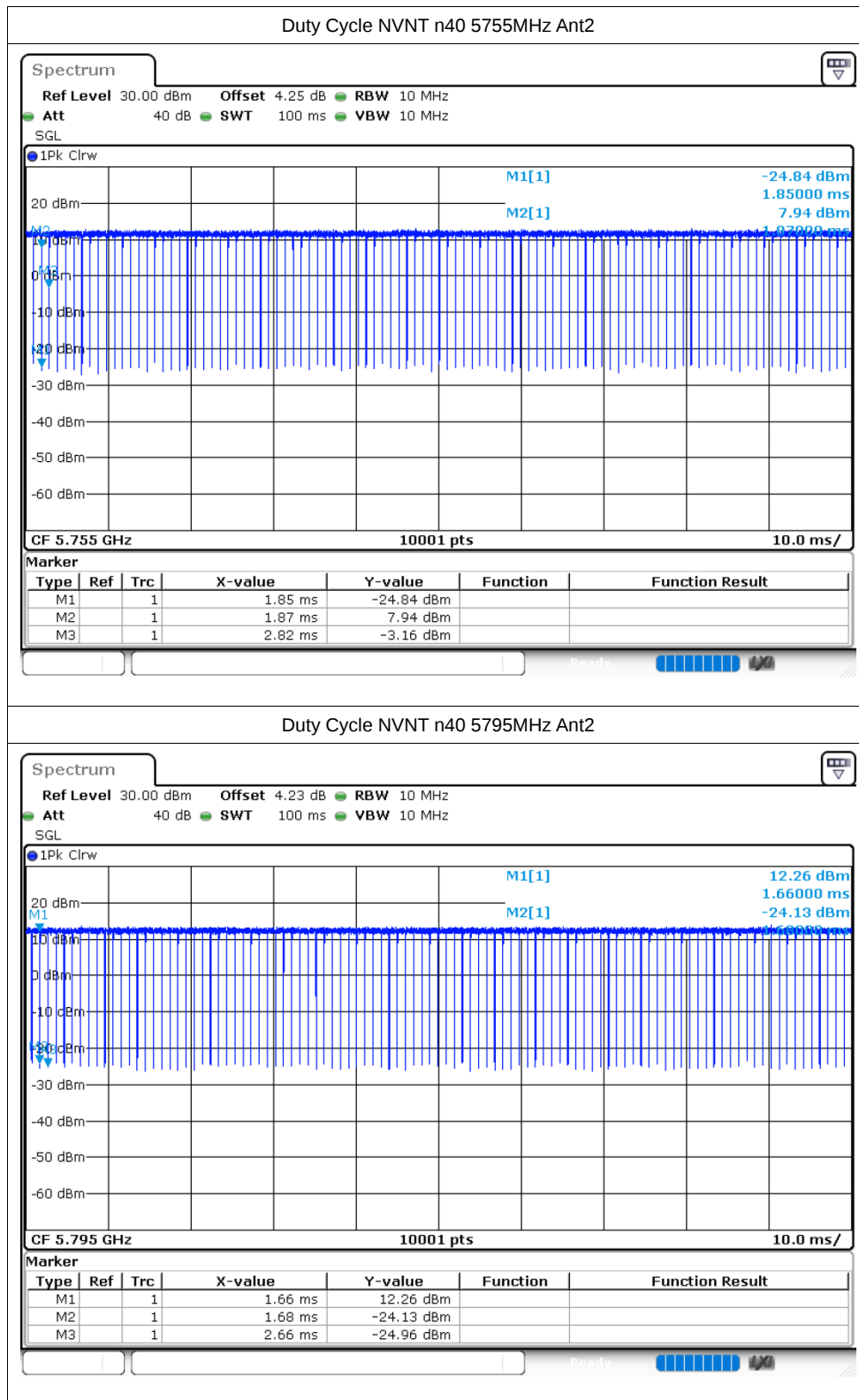






Duty Cycle NVNT n20 5825MHz Ant2





Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5745	Ant1	10.25	27.81	Pass
NVNT	ac20	5745	Ant2	7.13	27.81	Pass
NVNT	ac20	5745	Sum	11.97	27.81	Pass
NVNT	ac20	5785	Ant1	9.43	27.81	Pass
NVNT	ac20	5785	Ant2	7.55	27.81	Pass
NVNT	ac20	5785	Sum	11.6	27.81	Pass
NVNT	ac20	5825	Ant1	8.52	27.81	Pass
NVNT	ac20	5825	Ant2	7.2	27.81	Pass
NVNT	ac20	5825	Sum	10.92	27.81	Pass
NVNT	ac40	5755	Ant1	10.51	27.81	Pass
NVNT	ac40	5755	Ant2	7.48	27.81	Pass
NVNT	ac40	5755	Sum	12.26	27.81	Pass
NVNT	ac40	5795	Ant1	9.78	27.81	Pass
NVNT	ac40	5795	Ant2	7.46	27.81	Pass
NVNT	ac40	5795	Sum	11.78	27.81	Pass
NVNT	ac80	5775	Ant1	9.79	27.81	Pass
NVNT	ac80	5775	Ant2	7.16	27.81	Pass
NVNT	ac80	5775	Sum	11.68	27.81	Pass
NVNT	n20	5745	Ant1	10.49	27.81	Pass
NVNT	n20	5745	Ant2	7.36	27.81	Pass
NVNT	n20	5745	Sum	12.21	27.81	Pass
NVNT	n20	5785	Ant1	9.65	27.81	Pass
NVNT	n20	5785	Ant2	7.23	27.81	Pass
NVNT	n20	5785	Sum	11.62	27.81	Pass
NVNT	n20	5825	Ant1	9.42	27.81	Pass
NVNT	n20	5825	Ant2	8.22	27.81	Pass
NVNT	n20	5825	Sum	11.87	27.81	Pass
NVNT	n40	5755	Ant1	10.4	27.81	Pass
NVNT	n40	5755	Ant2	7.43	27.81	Pass
NVNT	n40	5755	Sum	12.17	27.81	Pass
NVNT	n40	5795	Ant1	9.6	27.81	Pass
NVNT	n40	5795	Ant2	7.5	27.81	Pass
NVNT	n40	5795	Sum	11.69	27.81	Pass

Note: The conducted power values of Ant1 and Ant 2 already include the duty cycle factor.

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	ac20	5745	Ant1	17.583	0.5	Pass
NVNT	ac20	5745	Ant2	15.951	0.5	Pass
NVNT	ac20	5785	Ant1	17.712	0.5	Pass
NVNT	ac20	5785	Ant2	14.793	0.5	Pass
NVNT	ac20	5825	Ant1	17.607	0.5	Pass
NVNT	ac20	5825	Ant2	16.527	0.5	Pass
NVNT	ac40	5755	Ant1	36.324	0.5	Pass
NVNT	ac40	5755	Ant2	35.706	0.5	Pass
NVNT	ac40	5795	Ant1	36.312	0.5	Pass
NVNT	ac40	5795	Ant2	35.118	0.5	Pass
NVNT	ac80	5775	Ant1	75.12	0.5	Pass
NVNT	ac80	5775	Ant2	75.108	0.5	Pass
NVNT	n20	5745	Ant1	12.18	0.5	Pass
NVNT	n20	5745	Ant2	16.539	0.5	Pass
NVNT	n20	5785	Ant1	17.583	0.5	Pass
NVNT	n20	5785	Ant2	14.403	0.5	Pass
NVNT	n20	5825	Ant1	17.595	0.5	Pass
NVNT	n20	5825	Ant2	17.271	0.5	Pass
NVNT	n40	5755	Ant1	35.142	0.5	Pass
NVNT	n40	5755	Ant2	33.828	0.5	Pass
NVNT	n40	5795	Ant1	35.13	0.5	Pass
NVNT	n40	5795	Ant2	35.46	0.5	Pass

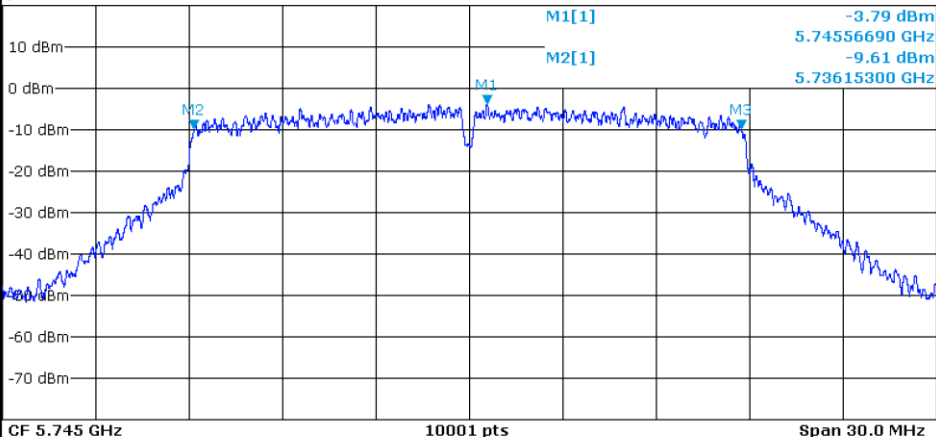
Test Graphs

-6dB Bandwidth NVNT ac20 5745MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.25 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

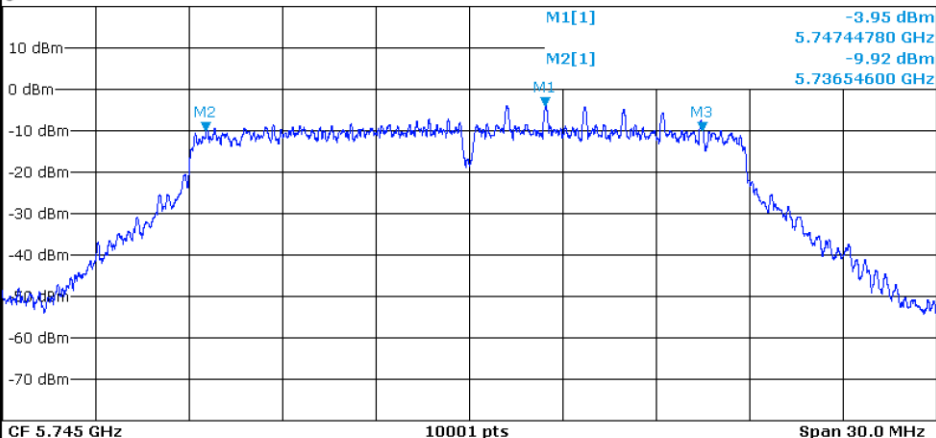
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.745569 GHz	-3.79 dBm		
M2	1		5.736153 GHz	-9.61 dBm		
M3	1		5.753736 GHz	-9.77 dBm		

-6dB Bandwidth NVNT ac20 5745MHz Ant2

Spectrum

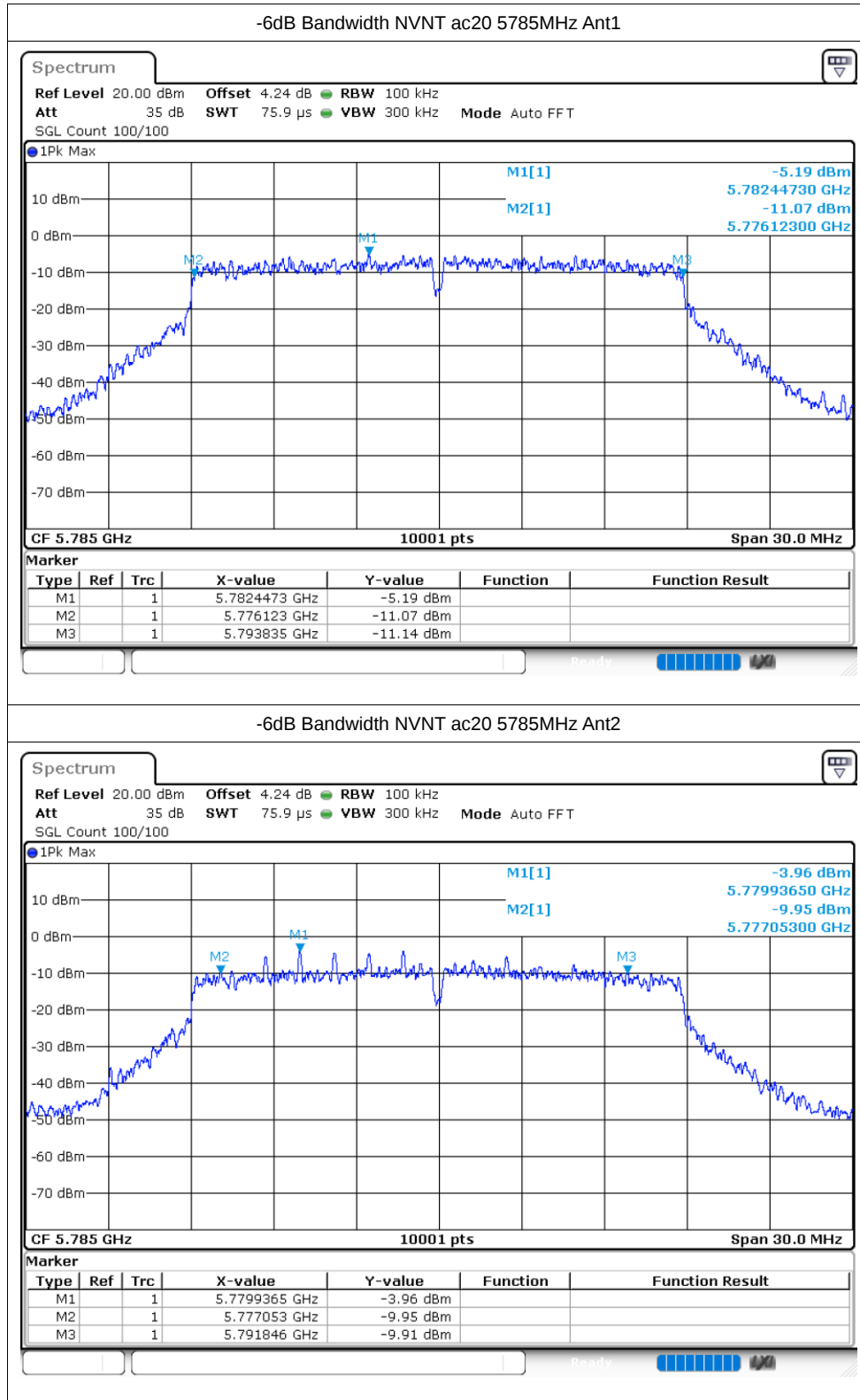
Ref Level 20.00 dBm Offset 4.26 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

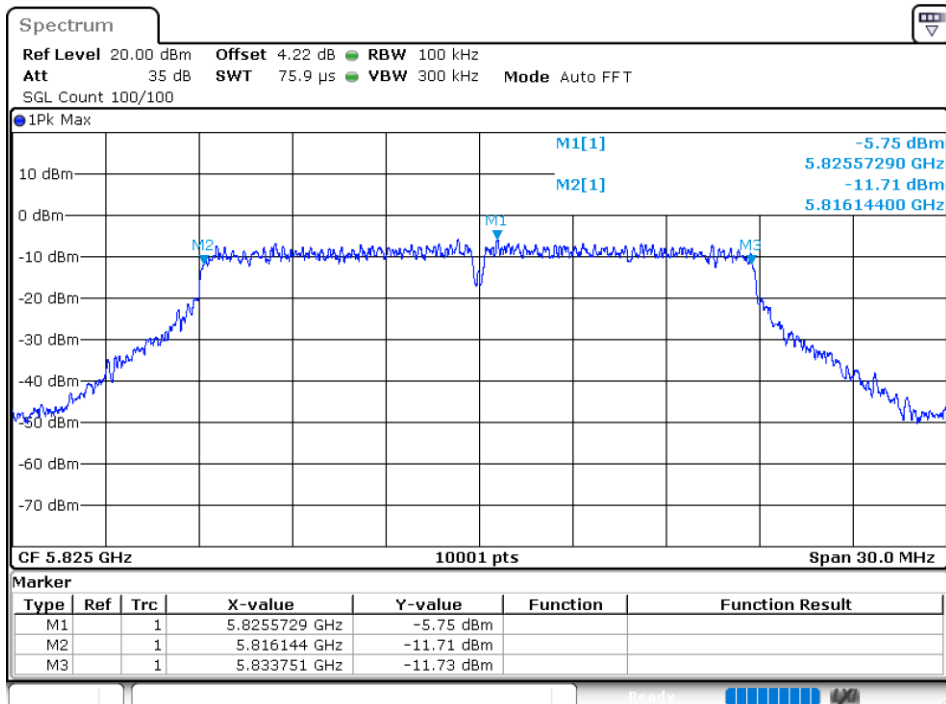


Marker

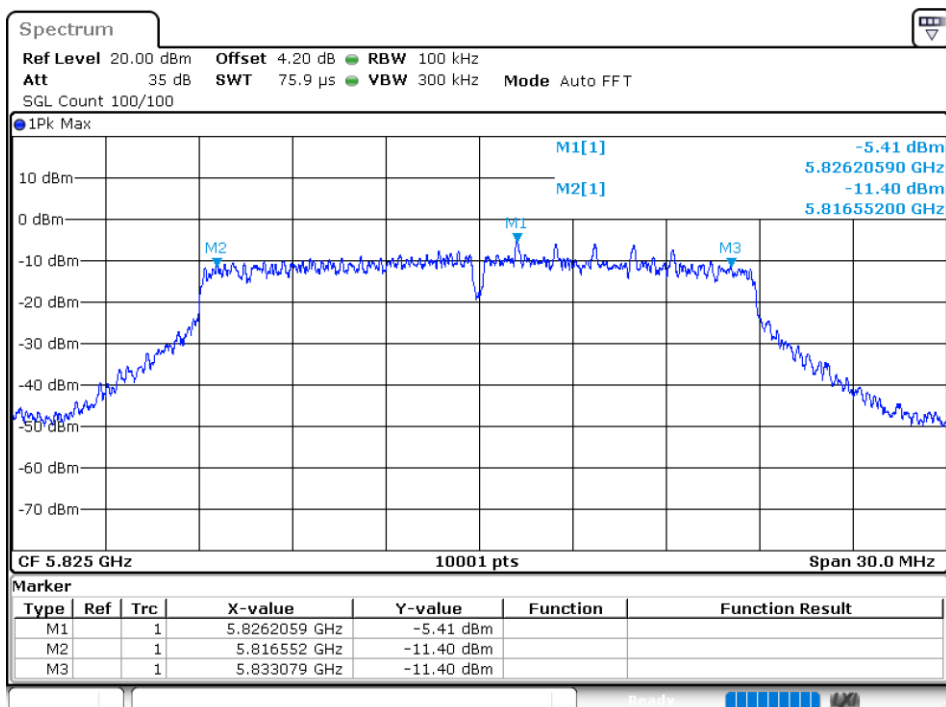
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.7474478 GHz	-3.95 dBm		
M2	1		5.736546 GHz	-9.92 dBm		
M3	1		5.752497 GHz	-9.94 dBm		



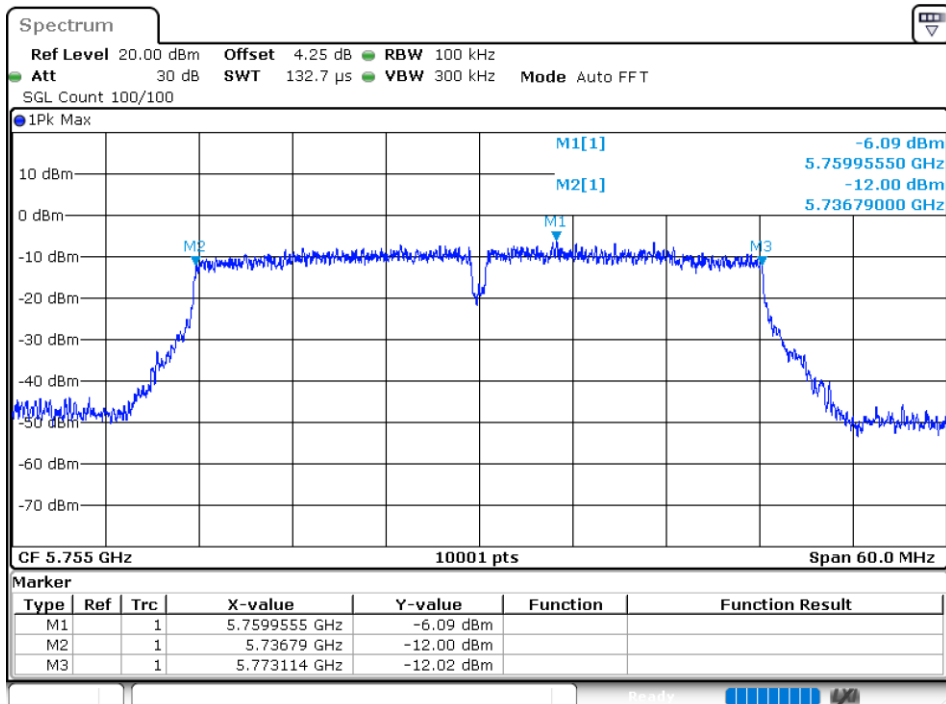
-6dB Bandwidth NVNT ac20 5825MHz Ant1



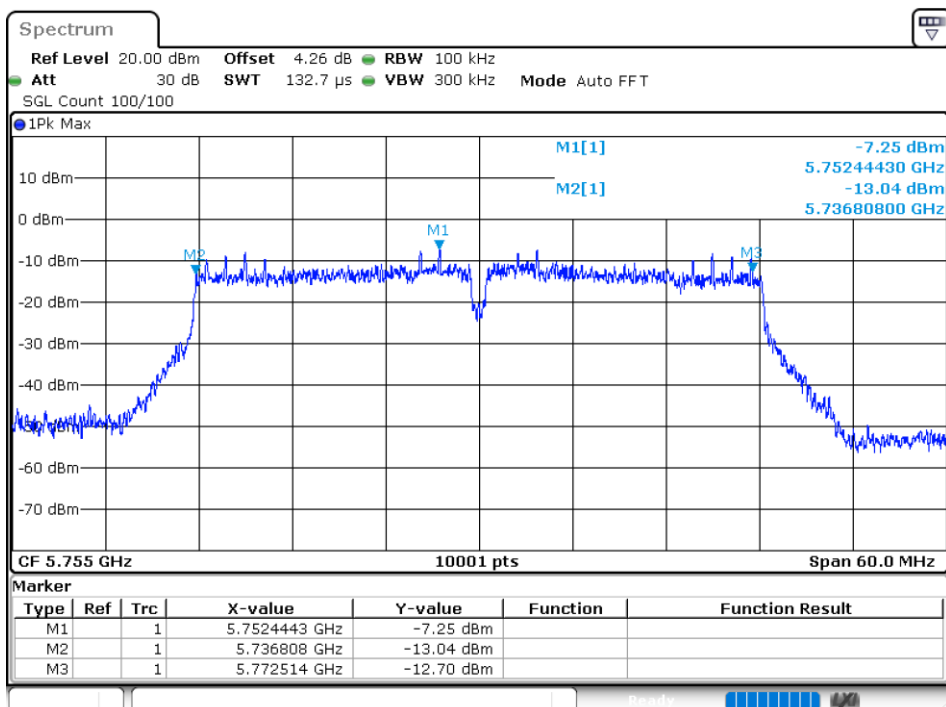
-6dB Bandwidth NVNT ac20 5825MHz Ant2



-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant2

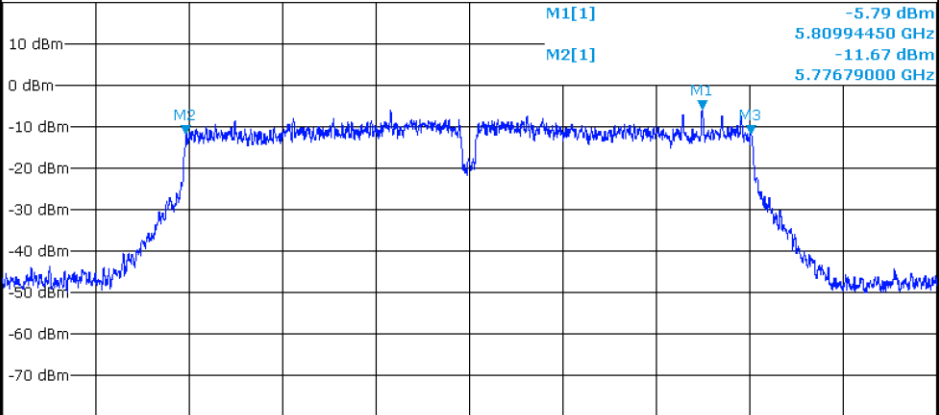


-6dB Bandwidth NVNT ac40 5795MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.23 dB RBW 100 kHz
Att 35 dB SWT 132.7 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

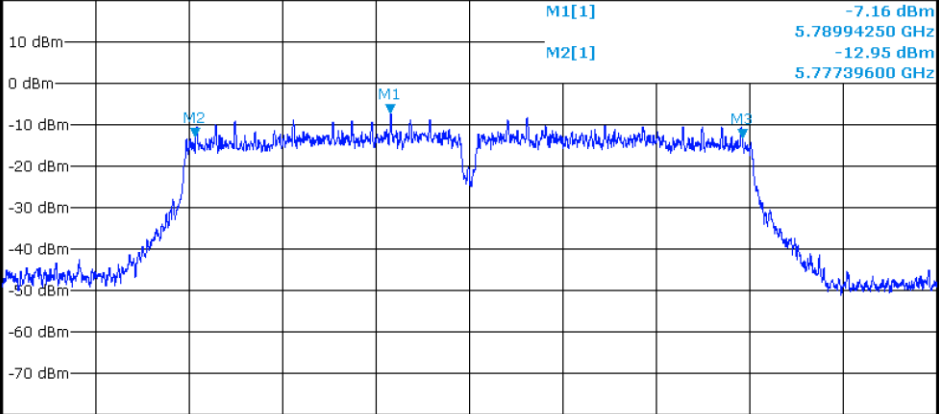
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.8099445 GHz	-5.79 dBm		
M2	1		5.77679 GHz	-11.67 dBm		
M3	1		5.813102 GHz	-11.64 dBm		

-6dB Bandwidth NVNT ac40 5795MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.23 dB RBW 100 kHz
Att 35 dB SWT 132.7 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

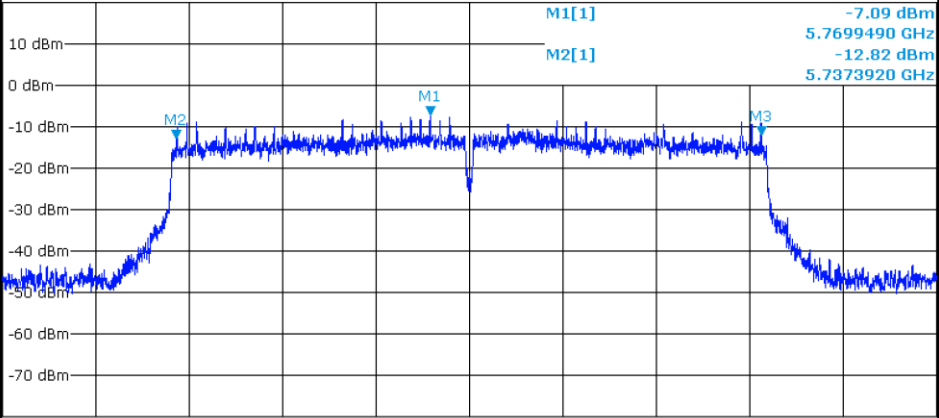
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		5.7899425 GHz	-7.16 dBm		
M2	1		5.777396 GHz	-12.95 dBm		
M3	1		5.812514 GHz	-13.13 dBm		

-6dB Bandwidth NVNT ac80 5775MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.24 dB RBW 100 kHz
Att 35 dB SWT 265.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

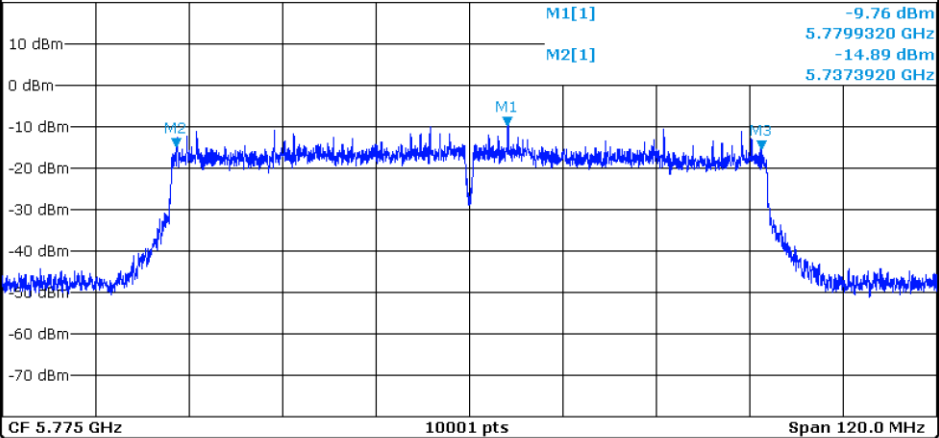
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.769949 GHz	-7.09 dBm		
M2	1	1	5.737392 GHz	-12.82 dBm		
M3	1	1	5.812512 GHz	-12.06 dBm		

-6dB Bandwidth NVNT ac80 5775MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.24 dB RBW 100 kHz
Att 35 dB SWT 265.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

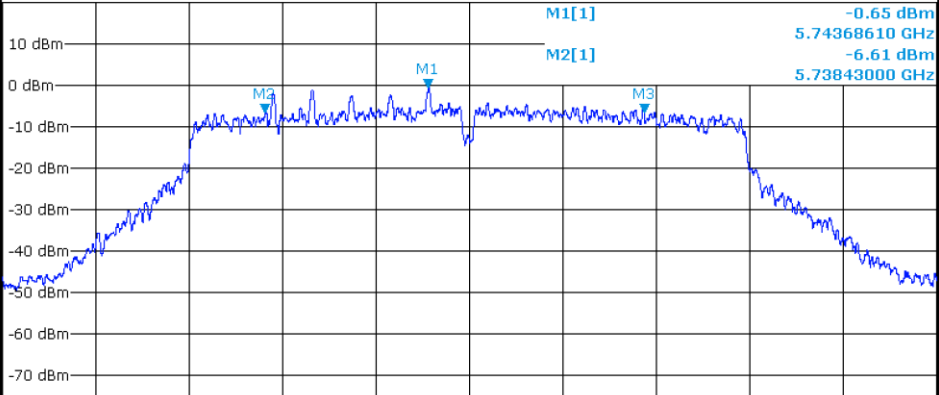
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.779932 GHz	-9.76 dBm		
M2	1	1	5.737392 GHz	-14.89 dBm		
M3	1	1	5.8125 GHz	-15.52 dBm		

-6dB Bandwidth NVNT n20 5745MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.25 dB RBW 100 kHz
Att 35 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



CF 5.745 GHz 10001 pts Span 30.0 MHz

Marker

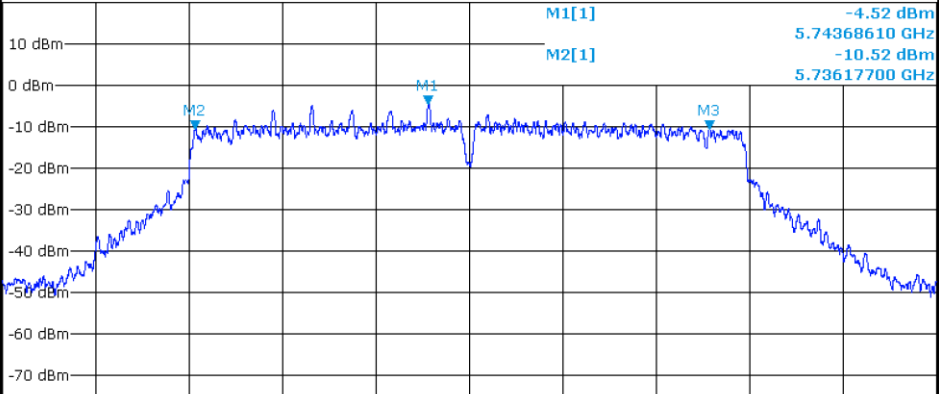
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7436861 GHz	-0.65 dBm		
M2		1	5.73843 GHz	-6.61 dBm		
M3		1	5.75061 GHz	-6.62 dBm		

-6dB Bandwidth NVNT n20 5745MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.26 dB RBW 100 kHz
Att 35 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

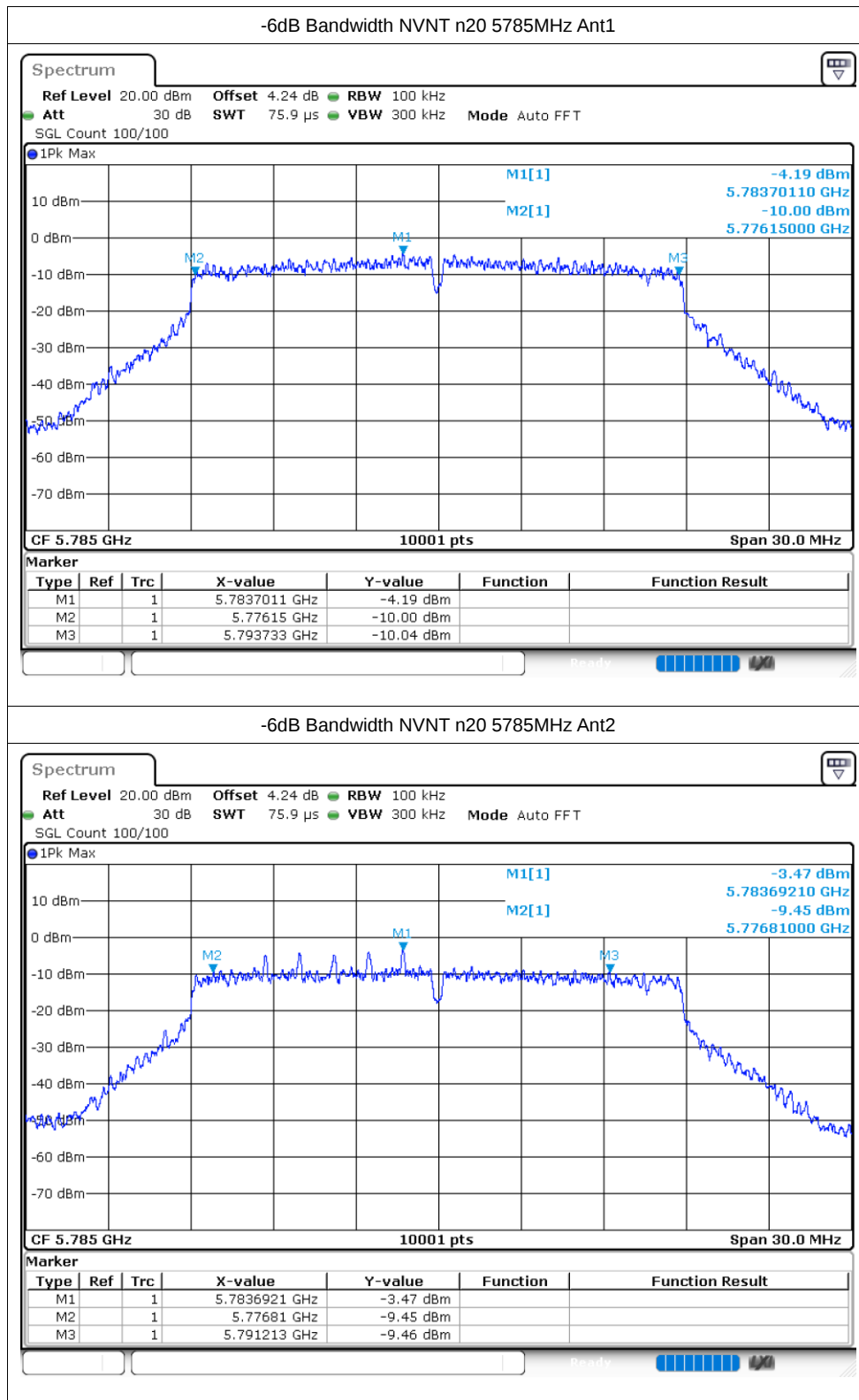
1Pk Max



CF 5.745 GHz 10001 pts Span 30.0 MHz

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7436861 GHz	-4.52 dBm		
M2		1	5.736177 GHz	-10.52 dBm		
M3		1	5.752716 GHz	-10.47 dBm		

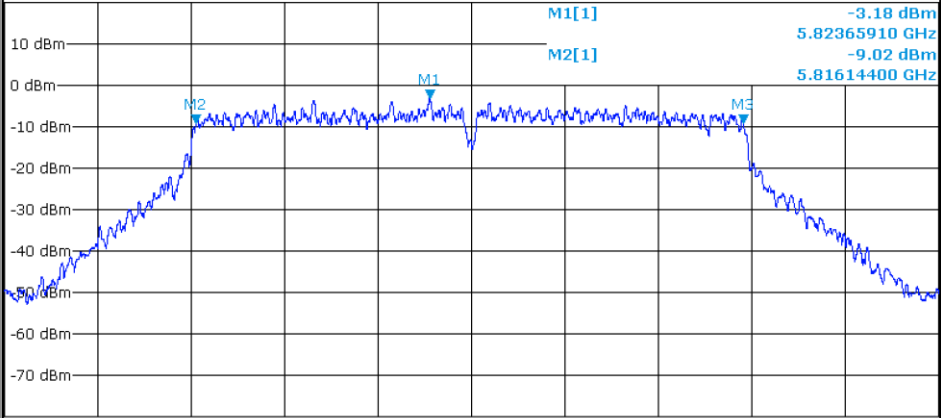


-6dB Bandwidth NVNT n20 5825MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.22 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



CF 5.825 GHz 10001 pts Span 30.0 MHz

Marker

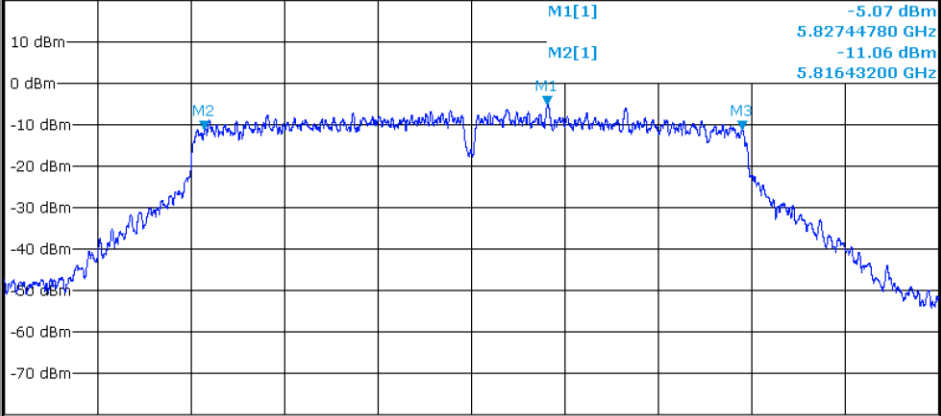
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8236591 GHz	-3.18 dBm		
M2		1	5.816144 GHz	-9.02 dBm		
M3		1	5.833739 GHz	-9.11 dBm		

-6dB Bandwidth NVNT n20 5825MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.20 dB RBW 100 kHz
Att 30 dB SWT 75.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

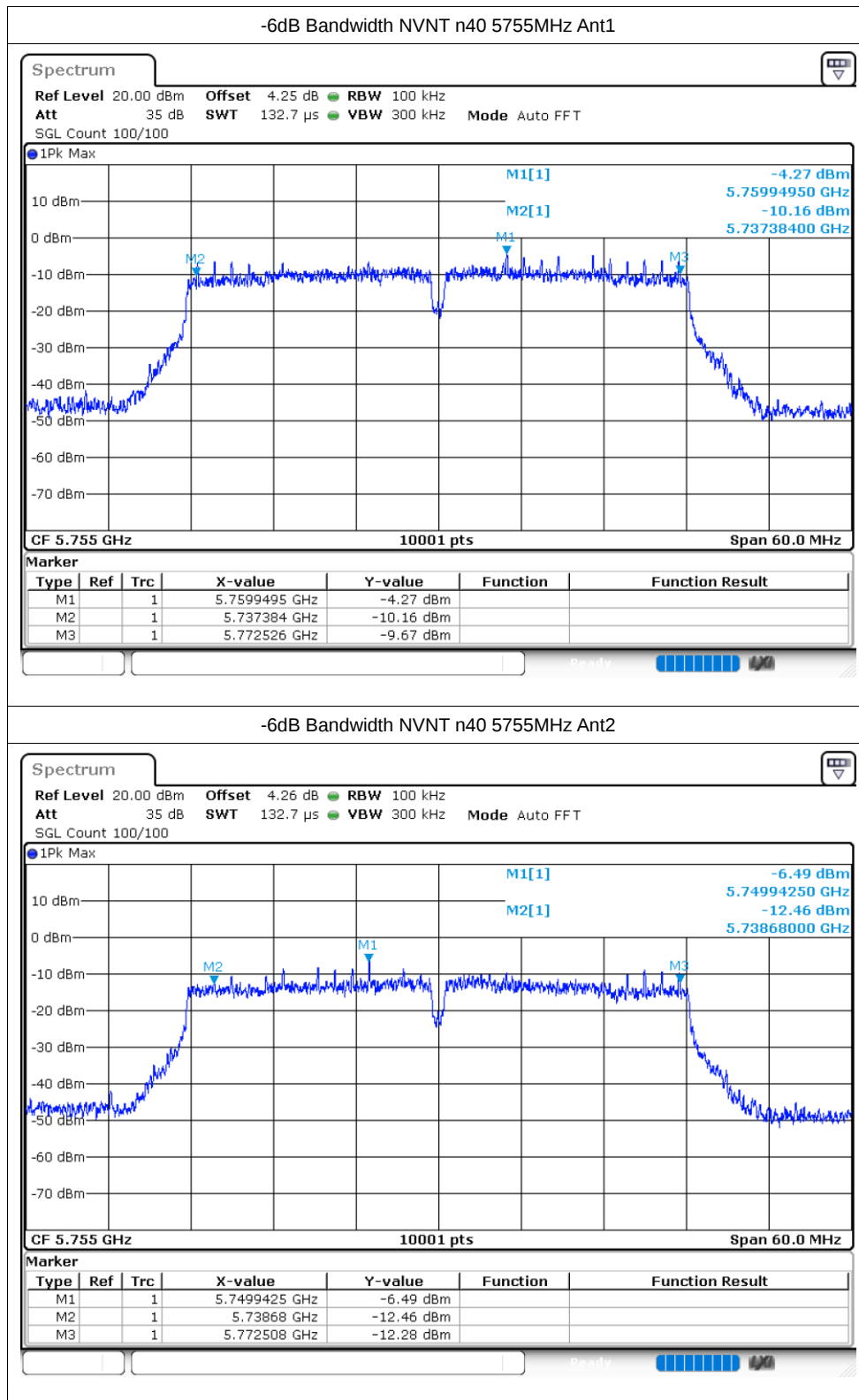
1Pk Max



CF 5.825 GHz 10001 pts Span 30.0 MHz

Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8274478 GHz	-5.07 dBm		
M2		1	5.816432 GHz	-11.06 dBm		
M3		1	5.833703 GHz	-11.05 dBm		

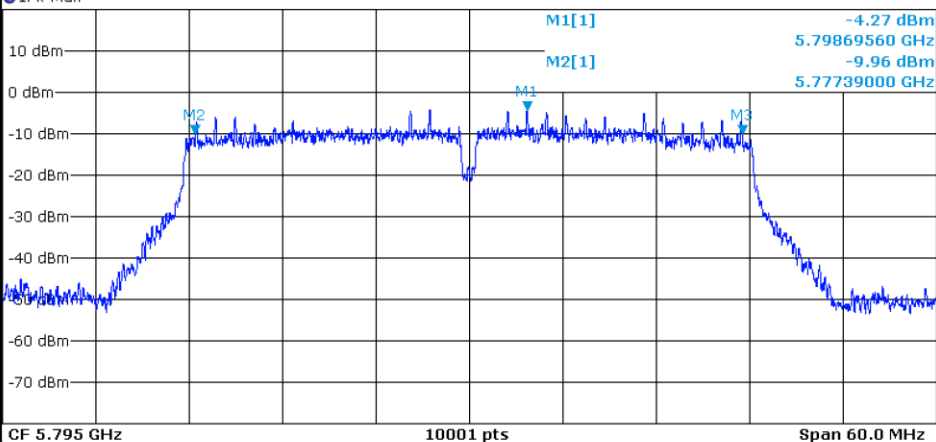


-6dB Bandwidth NVNT n40 5795MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.23 dB RBW 100 kHz
Att 30 dB SWT 132.7 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

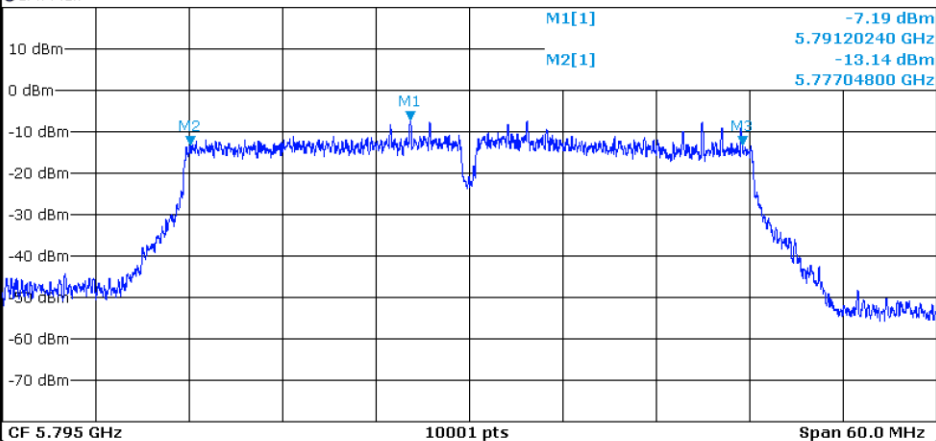
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.7986956 GHz	-4.27 dBm		
M2	1	1	5.77739 GHz	-9.96 dBm		
M3	1	1	5.81252 GHz	-9.96 dBm		

-6dB Bandwidth NVNT n40 5795MHz Ant2

Spectrum

Ref Level 20.00 dBm Offset 4.23 dB RBW 100 kHz
Att 30 dB SWT 132.7 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

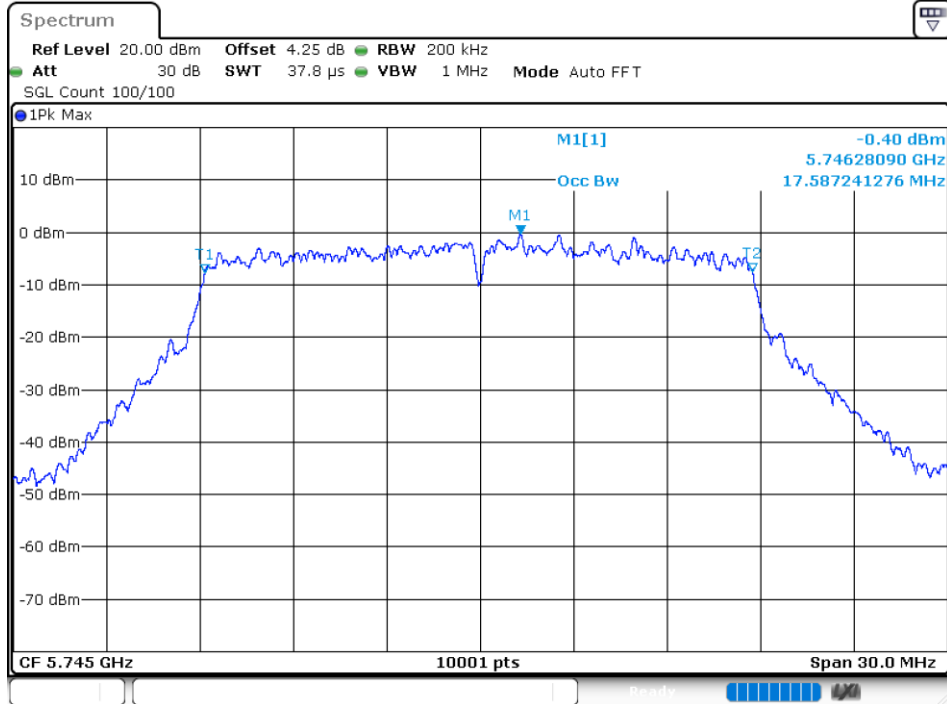
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	5.7912024 GHz	-7.19 dBm		
M2	1	1	5.777048 GHz	-13.14 dBm		
M3	1	1	5.812508 GHz	-13.01 dBm		

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ac20	5745	Ant1	17.587
NVNT	ac20	5745	Ant2	17.647
NVNT	ac20	5785	Ant1	17.713
NVNT	ac20	5785	Ant2	17.608
NVNT	ac20	5825	Ant1	17.665
NVNT	ac20	5825	Ant2	17.62
NVNT	ac40	5755	Ant1	36.104
NVNT	ac40	5755	Ant2	36.218
NVNT	ac40	5795	Ant1	36.254
NVNT	ac40	5795	Ant2	36.188
NVNT	ac80	5775	Ant1	75.568
NVNT	ac80	5775	Ant2	75.856
NVNT	n20	5745	Ant1	17.596
NVNT	n20	5745	Ant2	17.692
NVNT	n20	5785	Ant1	17.575
NVNT	n20	5785	Ant2	17.71
NVNT	n20	5825	Ant1	17.782
NVNT	n20	5825	Ant2	17.587
NVNT	n40	5755	Ant1	36.14
NVNT	n40	5755	Ant2	36.2
NVNT	n40	5795	Ant1	36.146
NVNT	n40	5795	Ant2	36.236

Test Graphs

OBW NVNT ac20 5745MHz Ant1



OBW NVNT ac20 5745MHz Ant2

