Test data attachment for WLAN 5.8G

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Duty Cycle

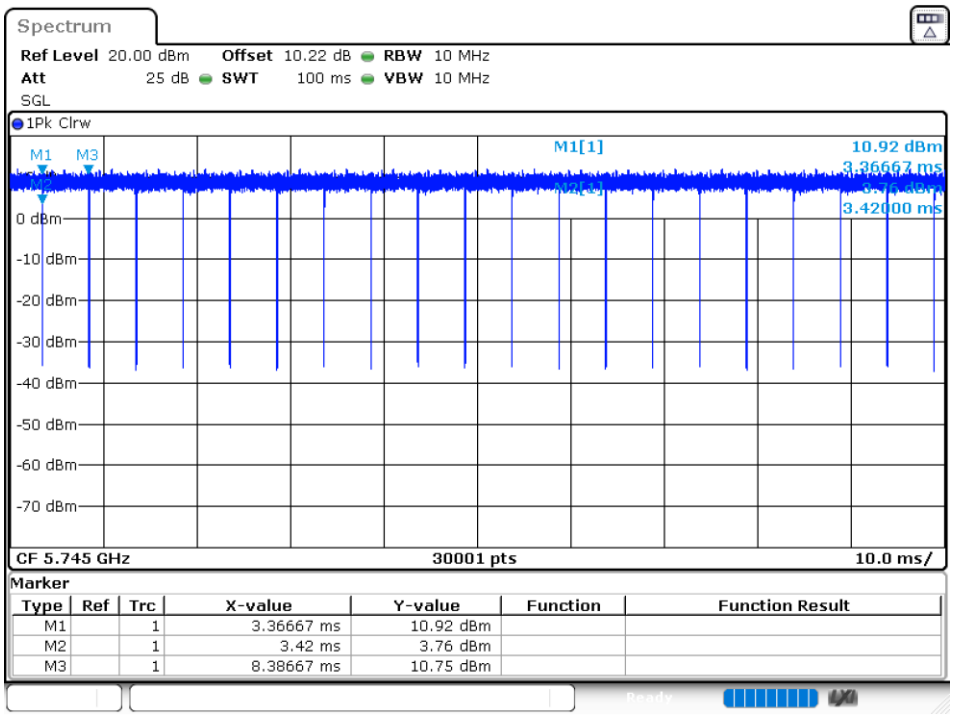
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5745	Ant1	98.91	0.05	0.2
NVNT	ac20	5785	Ant1	98.93	0.05	0.2
NVNT	ac20	5825	Ant1	98.89	0.05	0.2
NVNT	ac20	5745	Ant2	98.98	0.04	0.2
NVNT	ac20	5785	Ant2	98.94	0.05	0.2
NVNT	ac20	5825	Ant2	98.94	0.05	0.2
NVNT	ac20	5745	Ant3	98.94	0.05	0.2
NVNT	ac20	5785	Ant3	98.93	0.05	0.2
NVNT	ac20	5825	Ant3	98.8	0.05	0.2
NVNT	ac20	5745	Ant4	98.87	0.05	0.2
NVNT	ac20	5785	Ant4	98.89	0.05	0.2
NVNT	ac20	5825	Ant4	98.87	0.05	0.2
NVNT	ac40	5755	Ant1	97.81	0.1	0.41
NVNT	ac40	5795	Ant1	97.88	0.09	0.41
NVNT	ac40	5755	Ant2	97.86	0.09	0.41
NVNT	ac40	5795	Ant2	97.66	0.1	0.41
NVNT	ac40	5755	Ant3	97.84	0.09	0.41
NVNT	ac40	5795	Ant3	97.84	0.09	0.41
NVNT	ac40	5755	Ant4	97.75	0.1	0.41
NVNT	ac40	5795	Ant4	97.75	0.1	0.41
NVNT	ac80	5775	Ant1	95.4	0.2	0.88
NVNT	ac80	5775	Ant2	95.48	0.2	0.88
NVNT	ac80	5775	Ant3	95.39	0.21	0.88
NVNT	ac80	5775	Ant4	95.33	0.21	0.88
NVNT	ax20	5745	Ant1	98.55	0.06	0.25
NVNT	ax20	5785	Ant1	98.57	0.06	0.25
NVNT	ax20	5825	Ant1	98.58	0.06	0.25
NVNT	ax20	5745	Ant2	98.58	0.06	0.25
NVNT	ax20	5785	Ant2	98.69	0.06	0.25
NVNT	ax20	5825	Ant2	98.63	0.06	0.25
NVNT	ax20	5745	Ant3	98.6	0.06	0.25
NVNT	ax20	5785	Ant3	98.64	0.06	0.25
NVNT	ax20	5825	Ant3	98.58	0.06	0.25
NVNT	ax20	5745	Ant4	98.6	0.06	0.25
NVNT	ax20	5785	Ant4	98.56	0.06	0.25
NVNT	ax20	5825	Ant4	98.58	0.06	0.25
NVNT	ax40	5755	Ant1	97.32	0.12	0.49
NVNT	ax40	5795	Ant1	97.33	0.12	0.49
NVNT	ax40	5755	Ant2	97.34	0.12	0.49
NVNT	ax40	5795	Ant2	97.37	0.12	0.49

NVNT	ax40	5755	Ant3	97.33	0.12	0.49
NVNT	ax40	5795	Ant3	97.36	0.12	0.49
NVNT	ax40	5755	Ant4	97.31	0.12	0.49
NVNT	ax40	5795	Ant4	97.36	0.12	0.49
NVNT	ax80	5775	Ant1	94.8	0.23	1
NVNT	ax80	5775	Ant2	94.7	0.24	1
NVNT	ax80	5775	Ant3	94.87	0.23	1
NVNT	ax80	5775	Ant4	94.56	0.24	1
NVNT	ac20	5745	Ant5	98.89	0.05	0.2
NVNT	ac20	5785	Ant5	98.94	0.05	0.2
NVNT	ac20	5825	Ant5	98.98	0.04	0.2
NVNT	ac20	5745	Ant6	98.87	0.05	0.2
NVNT	ac20	5785	Ant6	98.9	0.05	0.2
NVNT	ac20	5825	Ant6	98.94	0.05	0.2
NVNT	ac20	5745	Ant7	98.97	0.04	0.2
NVNT	ac20	5785	Ant7	98.86	0.05	0.2
NVNT	ac20	5825	Ant7	98.87	0.05	0.2
NVNT	ac20	5745	Ant8	98.97	0.04	0.2
NVNT	ac20	5785	Ant8	98.96	0.05	0.2
NVNT	ac20	5825	Ant8	98.81	0.05	0.2
NVNT	ac40	5755	Ant5	97.77	0.1	0.41
NVNT	ac40	5795	Ant5	97.73	0.1	0.41
NVNT	ac40	5755	Ant6	97.83	0.1	0.41
NVNT	ac40	5795	Ant6	97.77	0.1	0.41
NVNT	ac40	5755	Ant7	97.8	0.1	0.41
NVNT	ac40	5795	Ant7	97.72	0.1	0.41
NVNT	ac40	5755	Ant8	97.79	0.1	0.41
NVNT	ac40	5795	Ant8	97.75	0.1	0.41
NVNT	ac80	5775	Ant5	95.43	0.2	0.88
NVNT	ac80	5775	Ant6	95.44	0.2	0.88
NVNT	ac80	5775	Ant7	95.38	0.21	0.88
NVNT	ac80	5775	Ant8	95.37	0.21	0.88
NVNT	ax20	5745	Ant5	98.61	0.06	0.25
NVNT	ax20	5785	Ant5	98.65	0.06	0.25
NVNT	ax20	5825	Ant5	98.66	0.06	0.25
NVNT	ax20	5745	Ant6	98.7	0.06	0.25
NVNT	ax20	5785	Ant6	98.57	0.06	0.25
NVNT	ax20	5825	Ant6	98.57	0.06	0.25
NVNT	ax20	5745	Ant7	98.64	0.06	0.25
NVNT	ax20	5785	Ant7	98.58	0.06	0.25
NVNT	ax20	5825	Ant7	98.59	0.06	0.25
NVNT	ax20	5745	Ant8	98.58	0.06	0.25
NVNT	ax20	5785	Ant8	98.67	0.06	0.25
NVNT	ax20	5825	Ant8	98.66	0.06	0.25

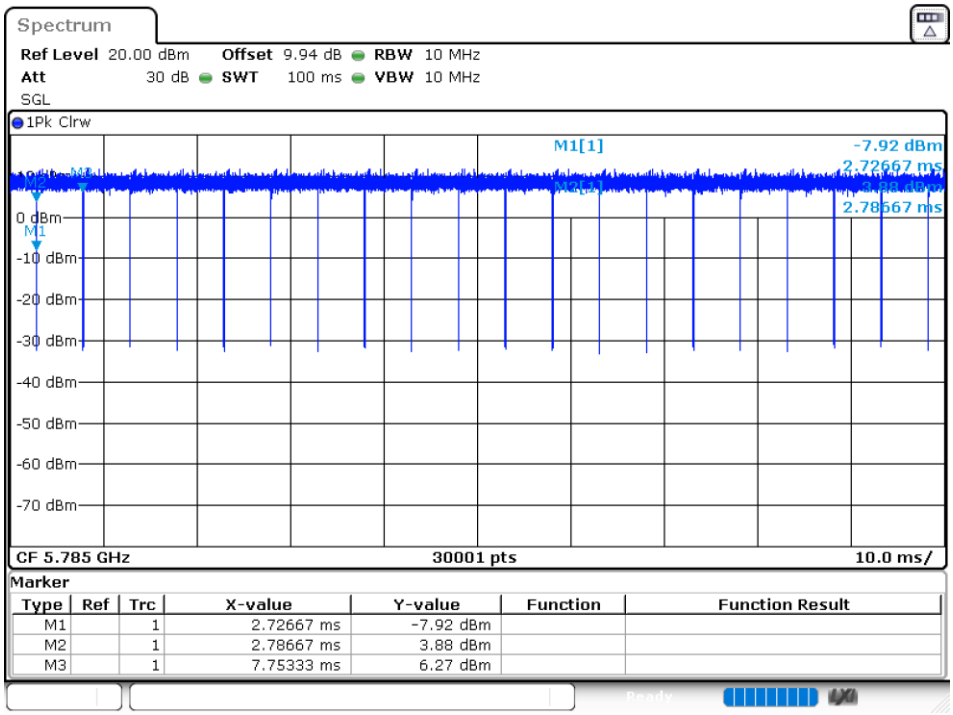
NVNT	ax40	5755	Ant5	97.43	0.11	0.49
NVNT	ax40	5795	Ant5	97.36	0.12	0.49
NVNT	ax40	5755	Ant6	97.44	0.11	0.49
NVNT	ax40	5795	Ant6	97.42	0.11	0.49
NVNT	ax40	5755	Ant7	97.44	0.11	0.49
NVNT	ax40	5795	Ant7	97.35	0.12	0.49
NVNT	ax40	5755	Ant8	97.4	0.11	0.49
NVNT	ax40	5795	Ant8	97.37	0.12	0.49
NVNT	ax80	5775	Ant5	94.85	0.23	1
NVNT	ax80	5775	Ant6	94.73	0.24	1
NVNT	ax80	5775	Ant7	94.87	0.23	1
NVNT	ax80	5775	Ant8	94.8	0.23	1

Test Graphs

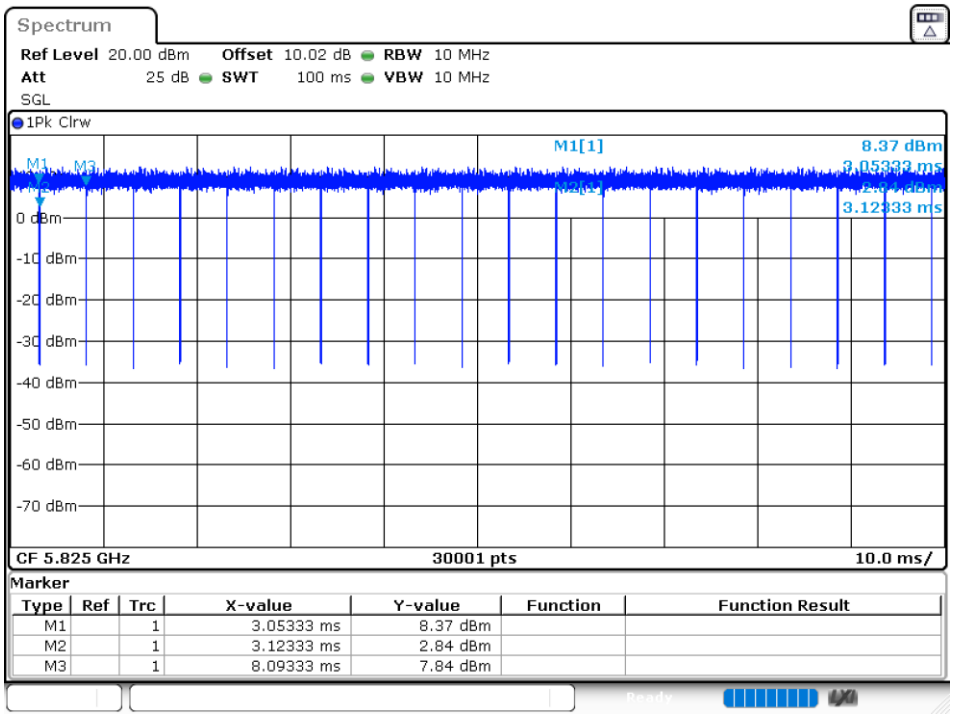
Duty Cycle NVNT ac20 5745MHz Ant1



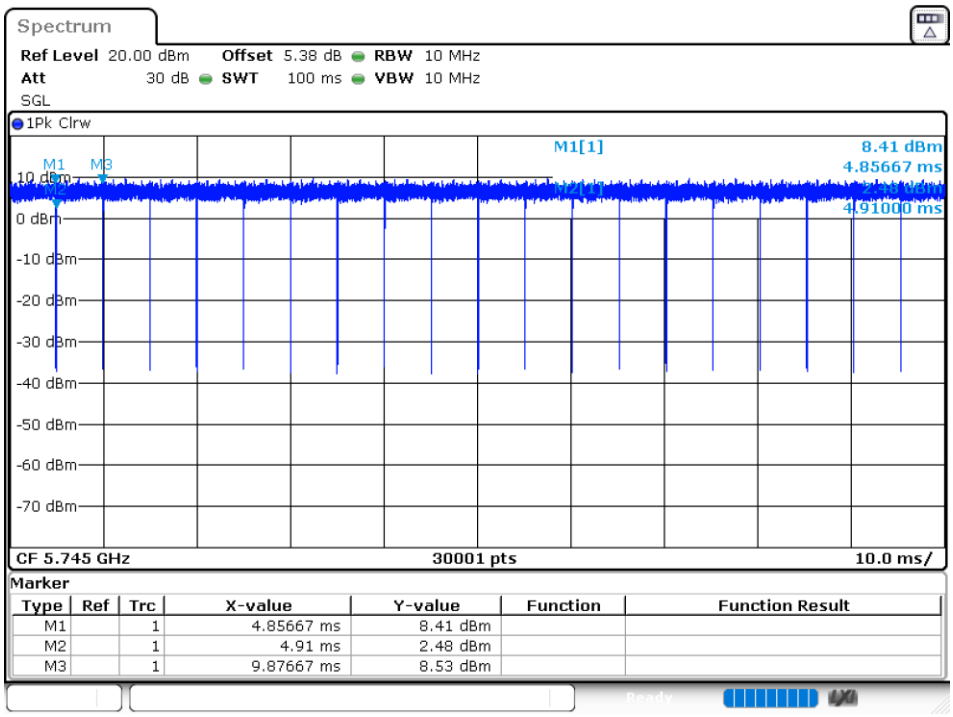
Duty Cycle NVNT ac20 5785MHz Ant1



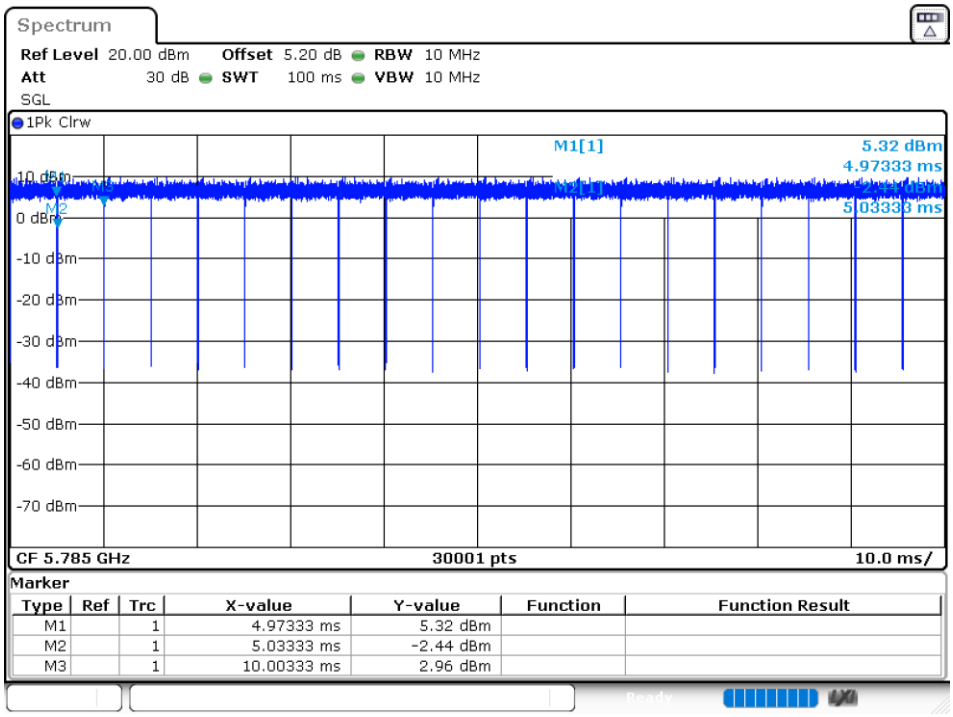
Duty Cycle NVNT ac20 5825MHz Ant1



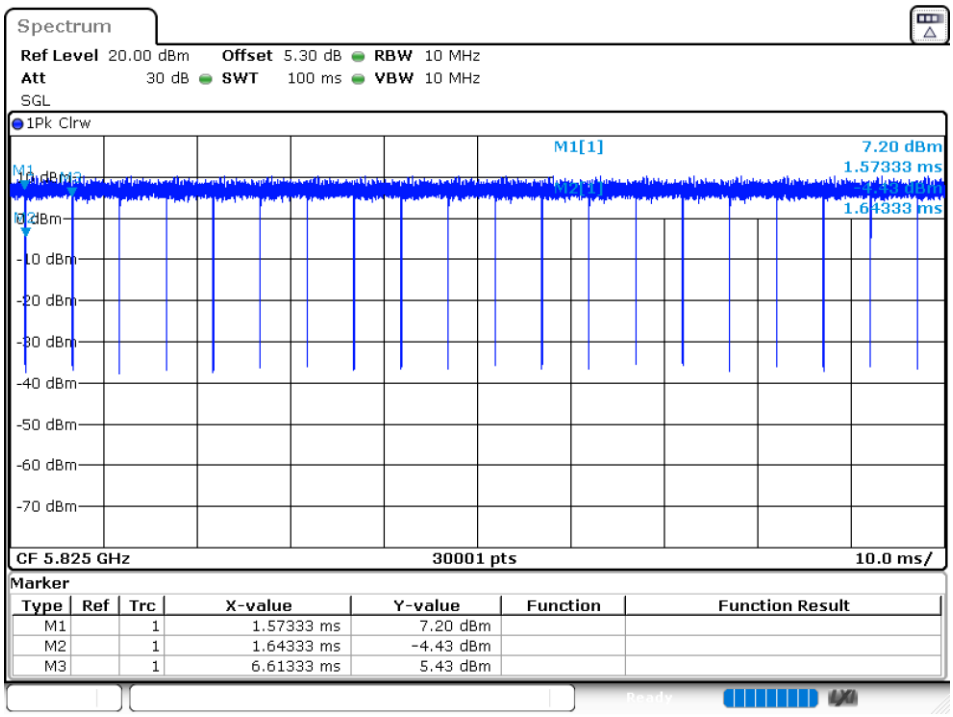
Duty Cycle NVNT ac20 5745MHz Ant2



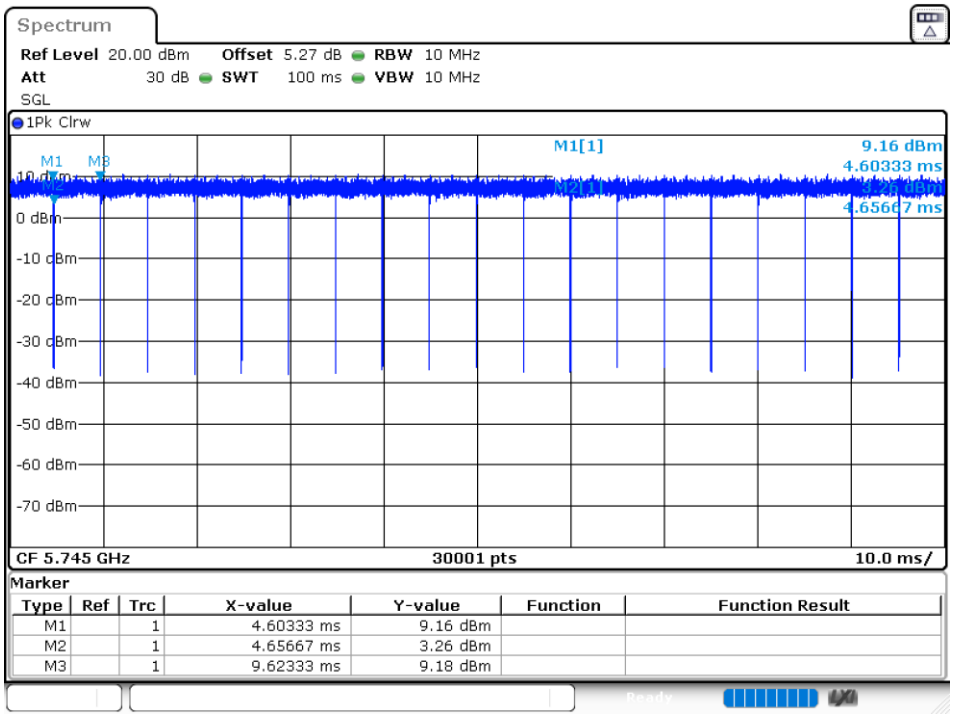
Duty Cycle NVNT ac20 5785MHz Ant2



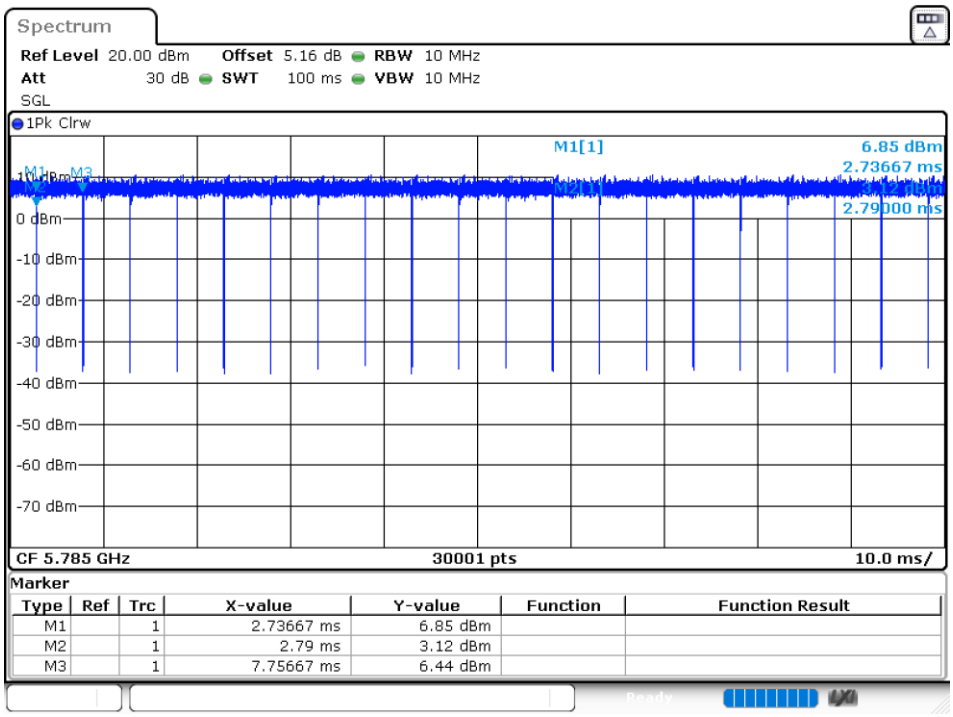
Duty Cycle NVNT ac20 5825MHz Ant2



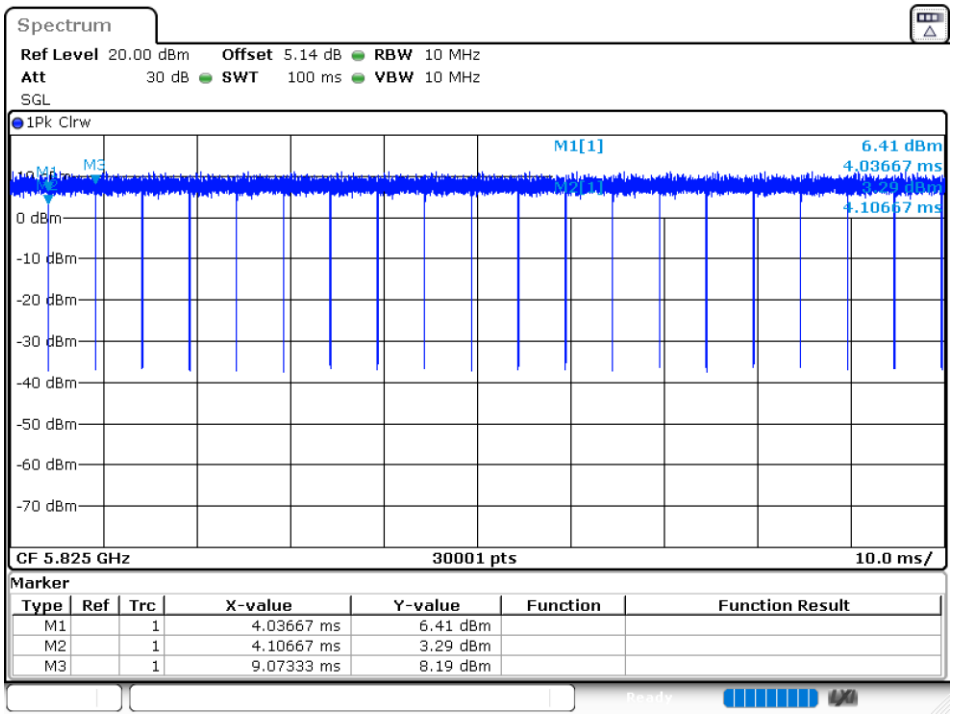
Duty Cycle NVNT ac20 5745MHz Ant3



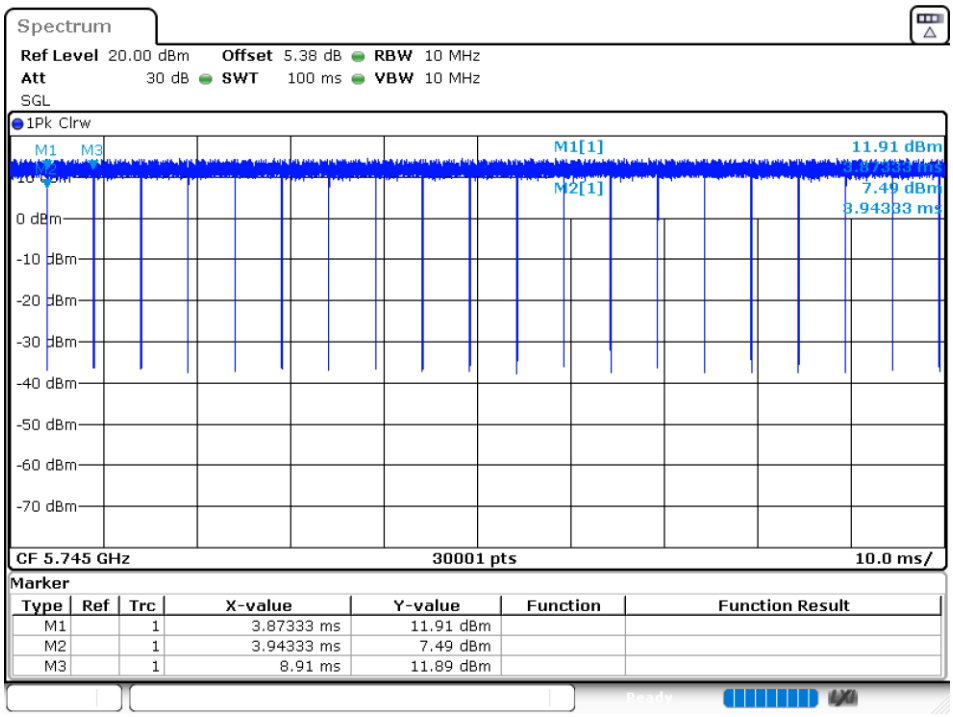
Duty Cycle NVNT ac20 5785MHz Ant3



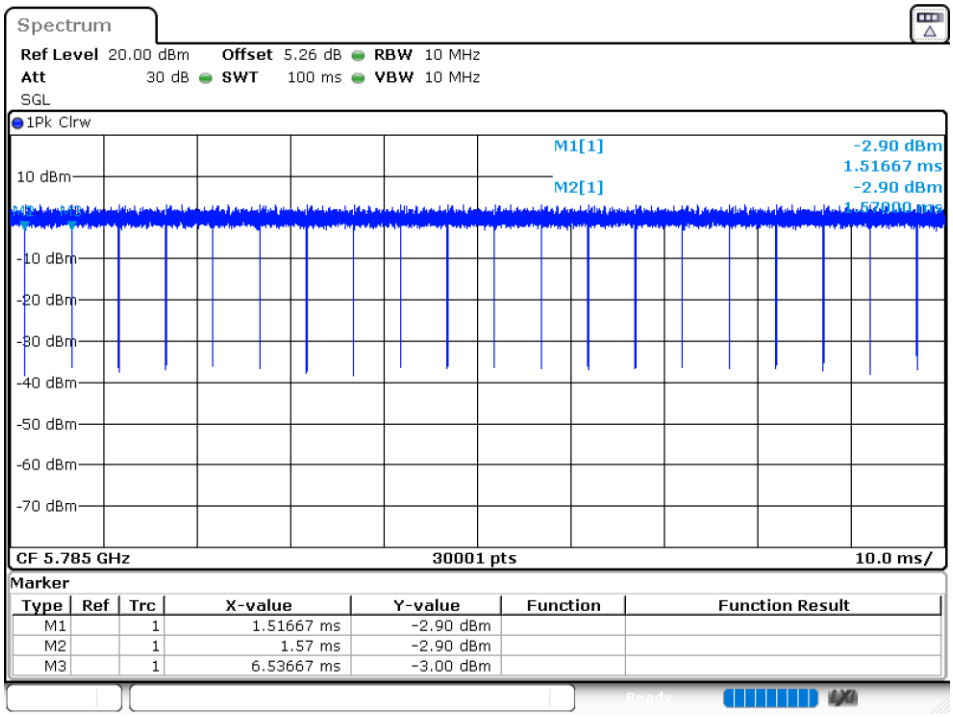
Duty Cycle NVNT ac20 5825MHz Ant3



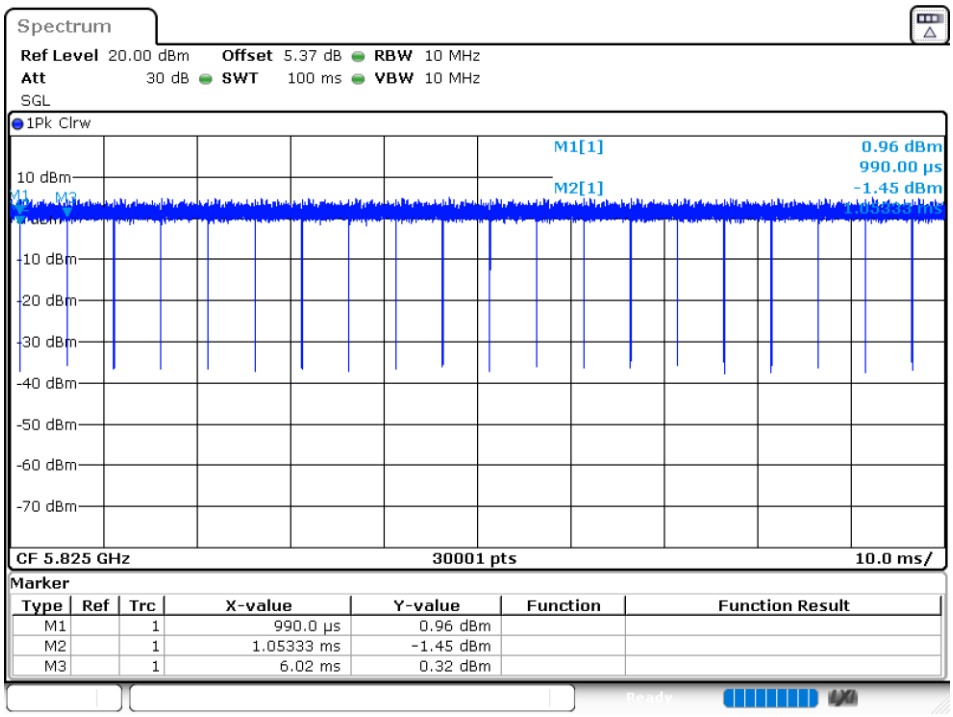
Duty Cycle NVNT ac20 5745MHz Ant4



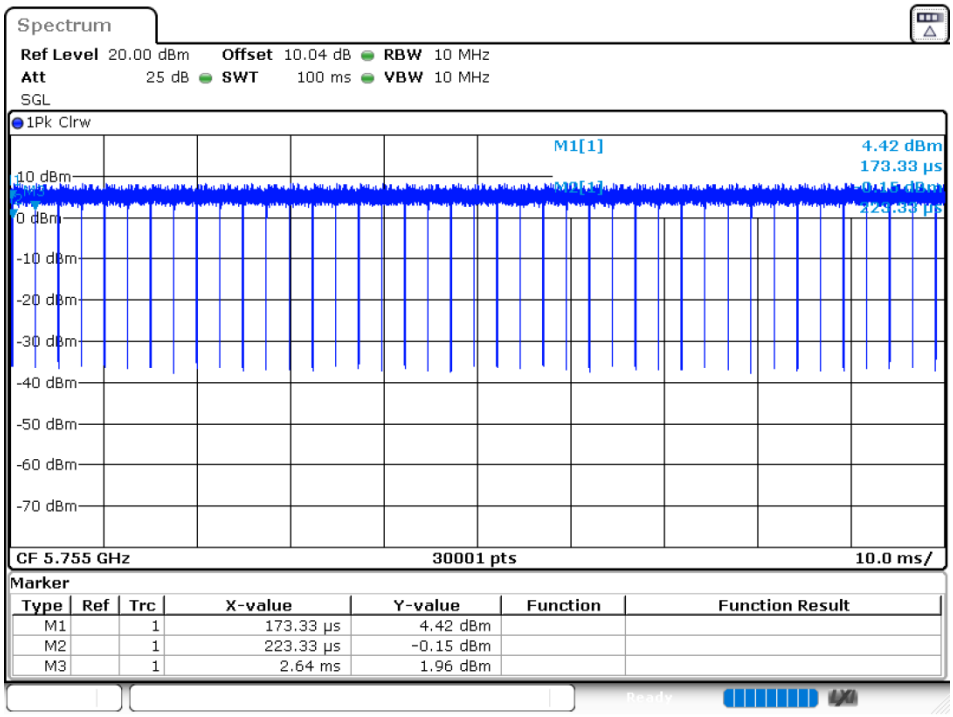
Duty Cycle NVNT ac20 5785MHz Ant4



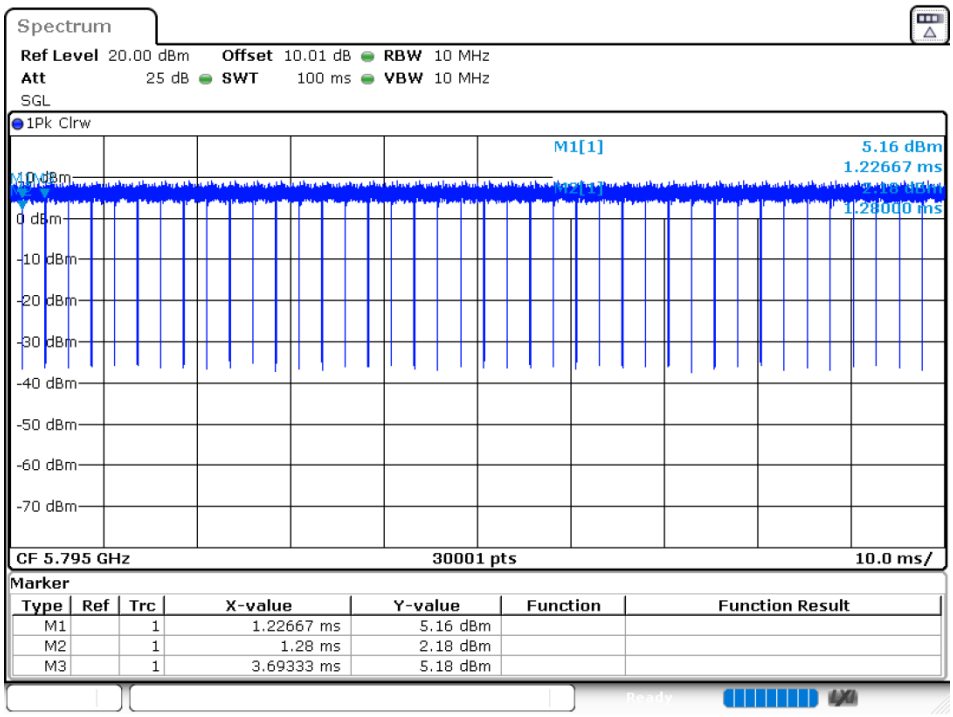
Duty Cycle NVNT ac20 5825MHz Ant4



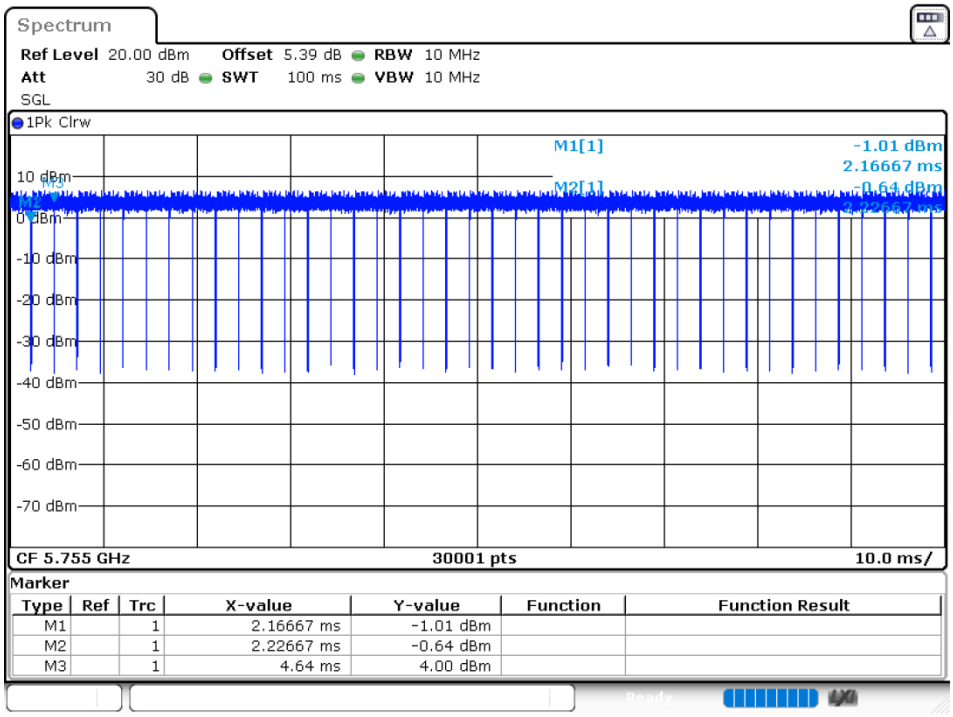
Duty Cycle NVNT ac40 5755MHz Ant1



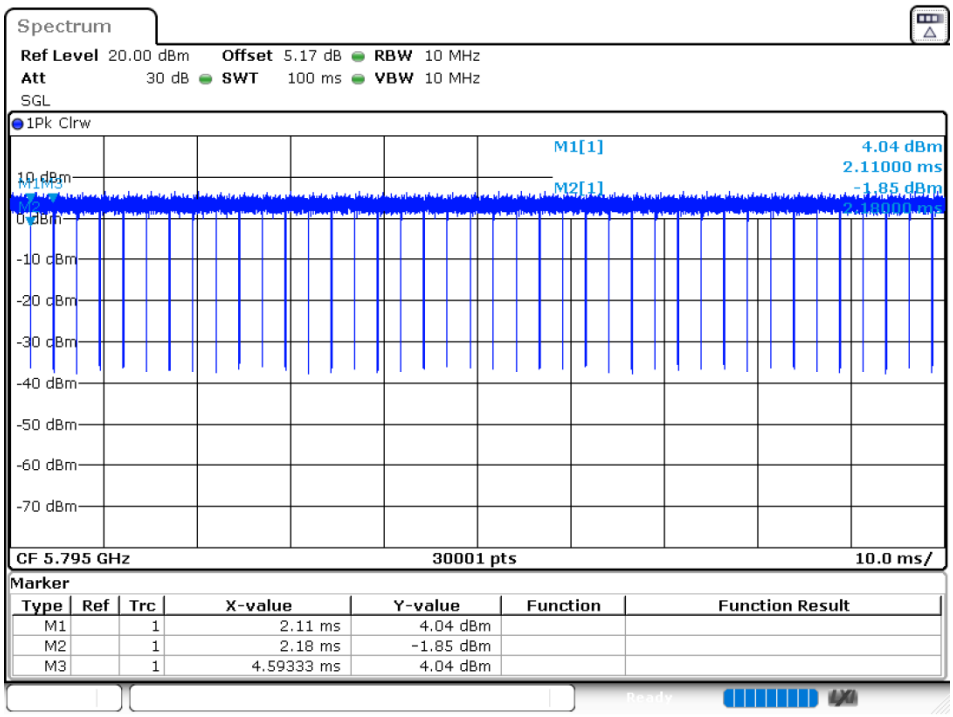
Duty Cycle NVNT ac40 5795MHz Ant1



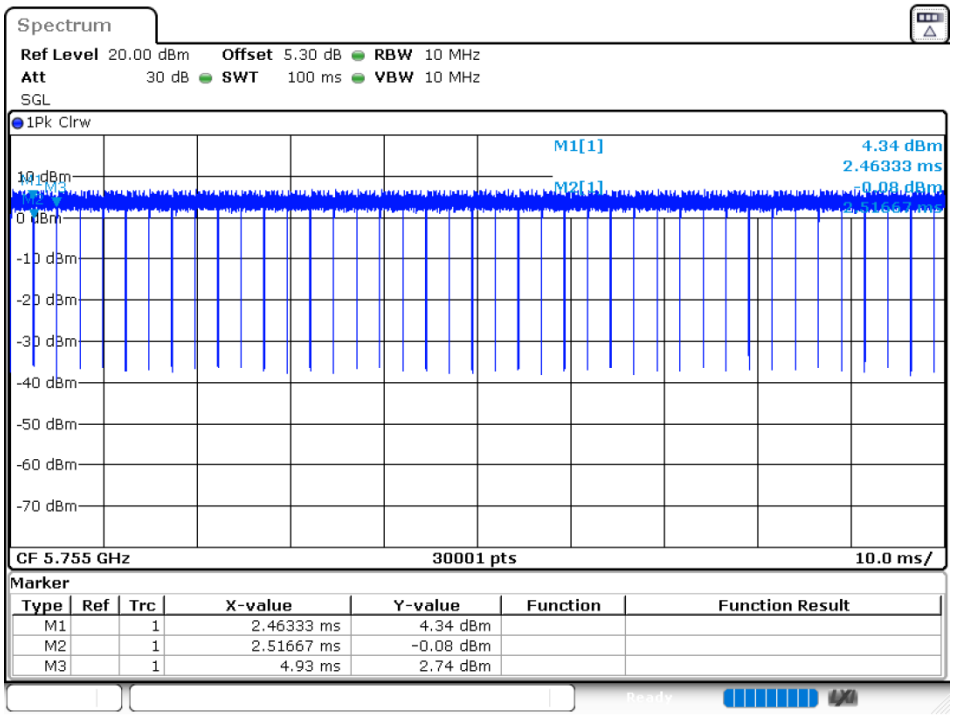
Duty Cycle NVNT ac40 5755MHz Ant2



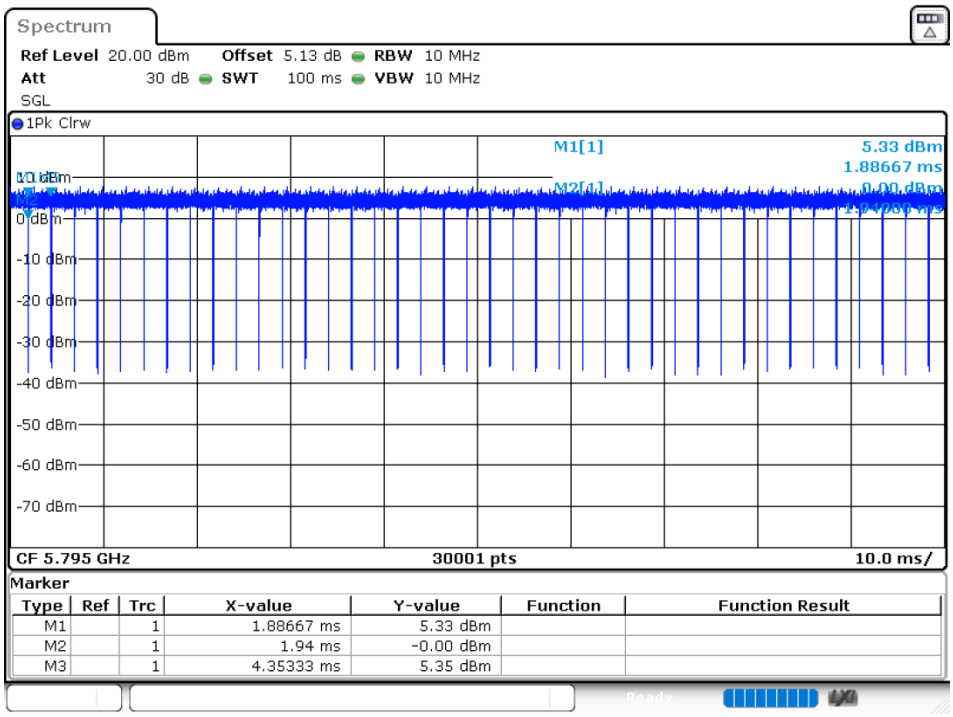
Duty Cycle NVNT ac40 5795MHz Ant2



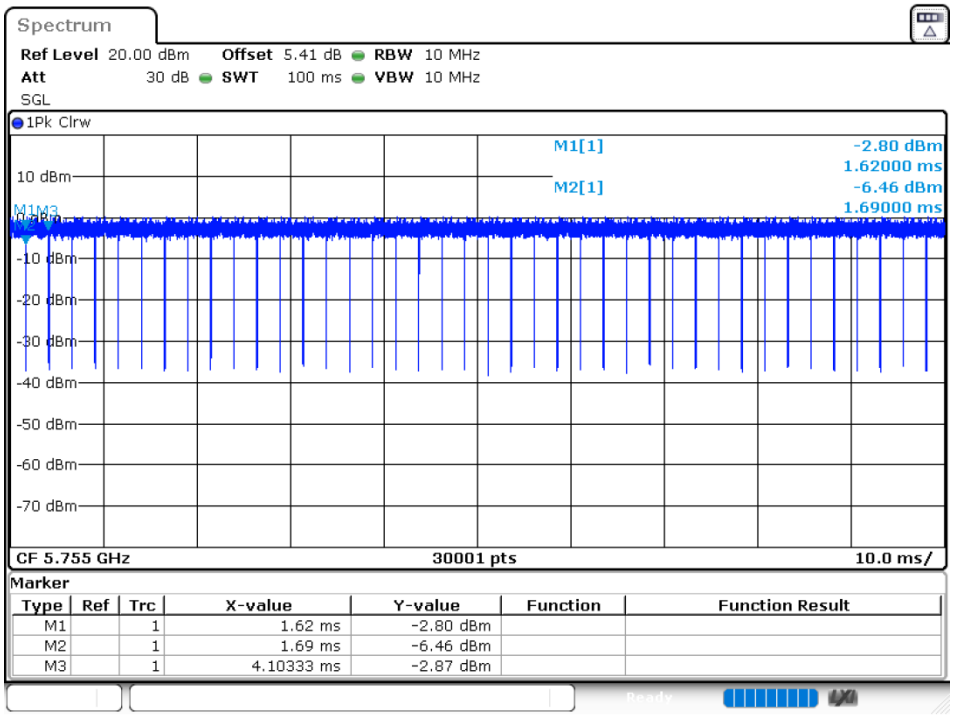
Duty Cycle NVNT ac40 5755MHz Ant3



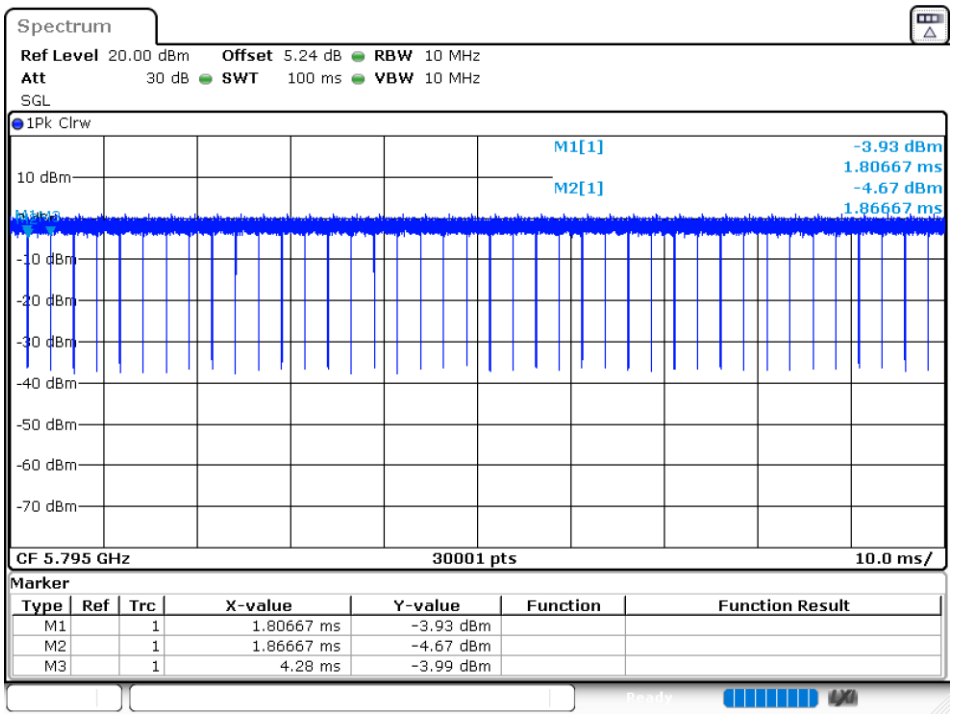
Duty Cycle NVNT ac40 5795MHz Ant3



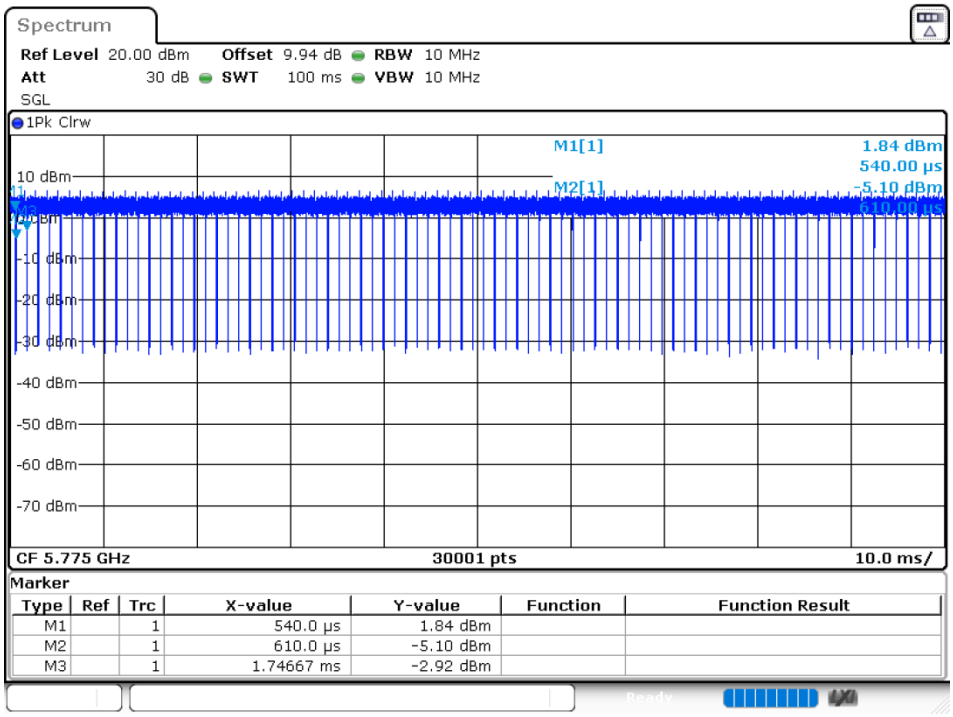
Duty Cycle NVNT ac40 5755MHz Ant4



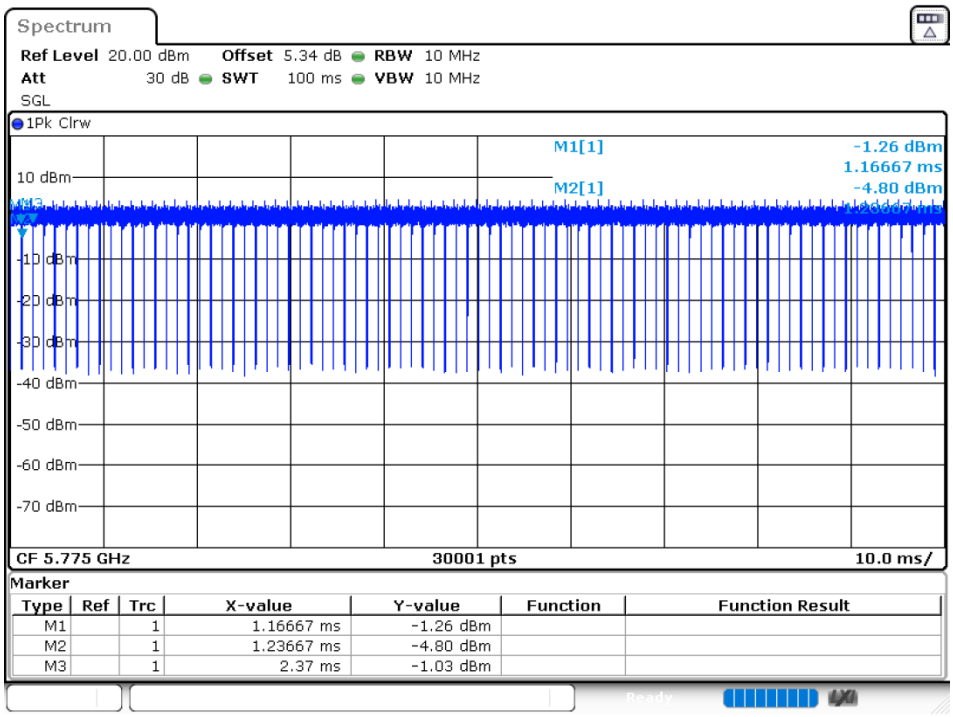
Duty Cycle NVNT ac40 5795MHz Ant4



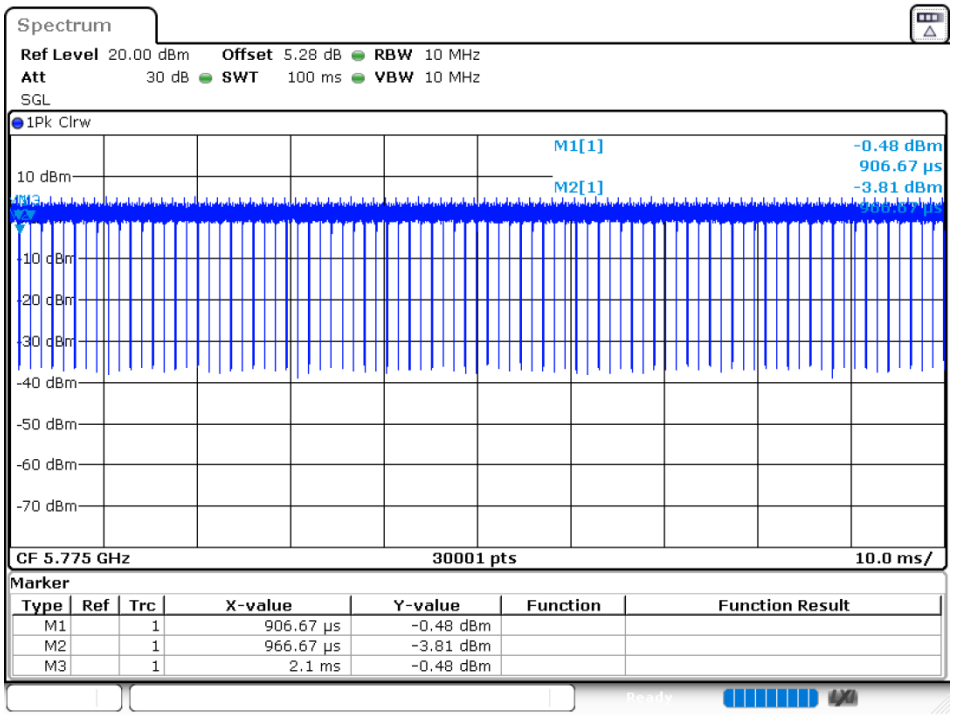
Duty Cycle NVNT ac80 5775MHz Ant1



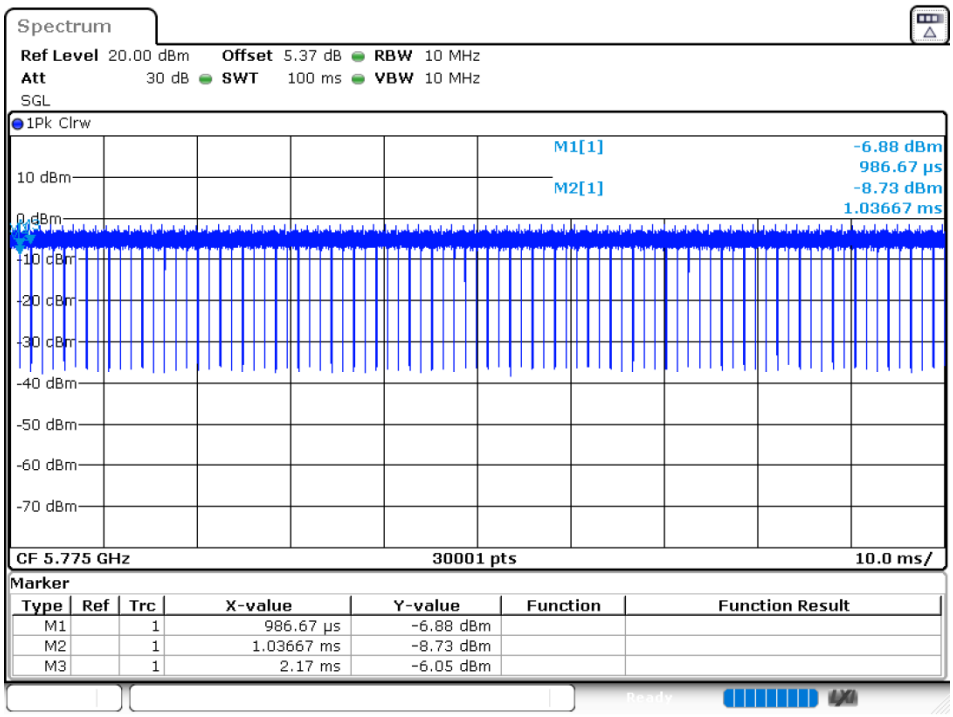
Duty Cycle NVNT ac80 5775MHz Ant2



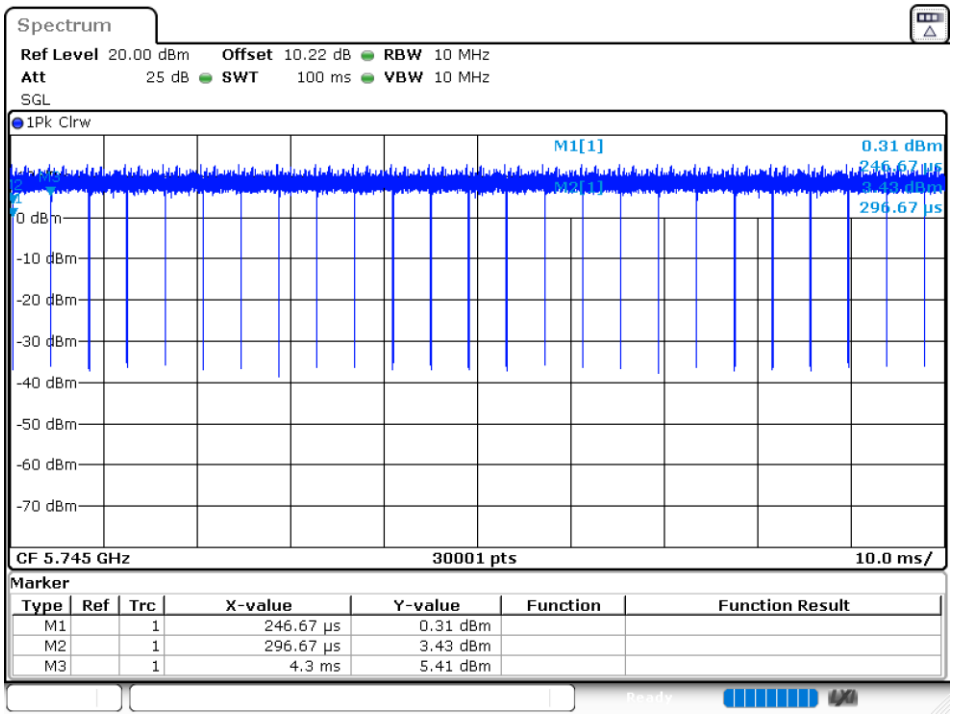
Duty Cycle NVNT ac80 5775MHz Ant3



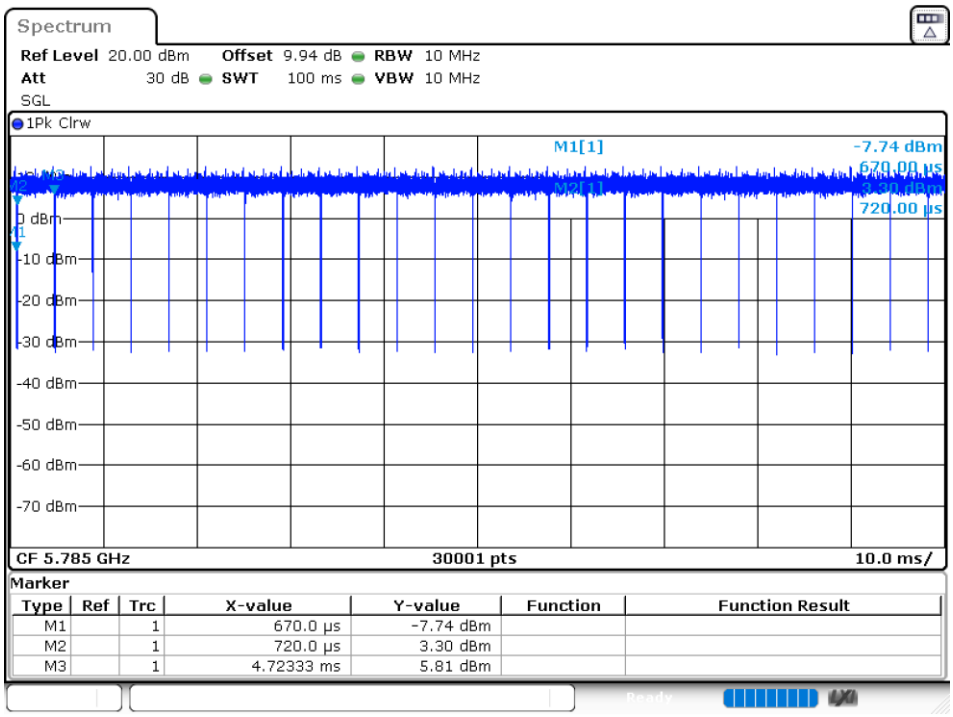
Duty Cycle NVNT ac80 5775MHz Ant4



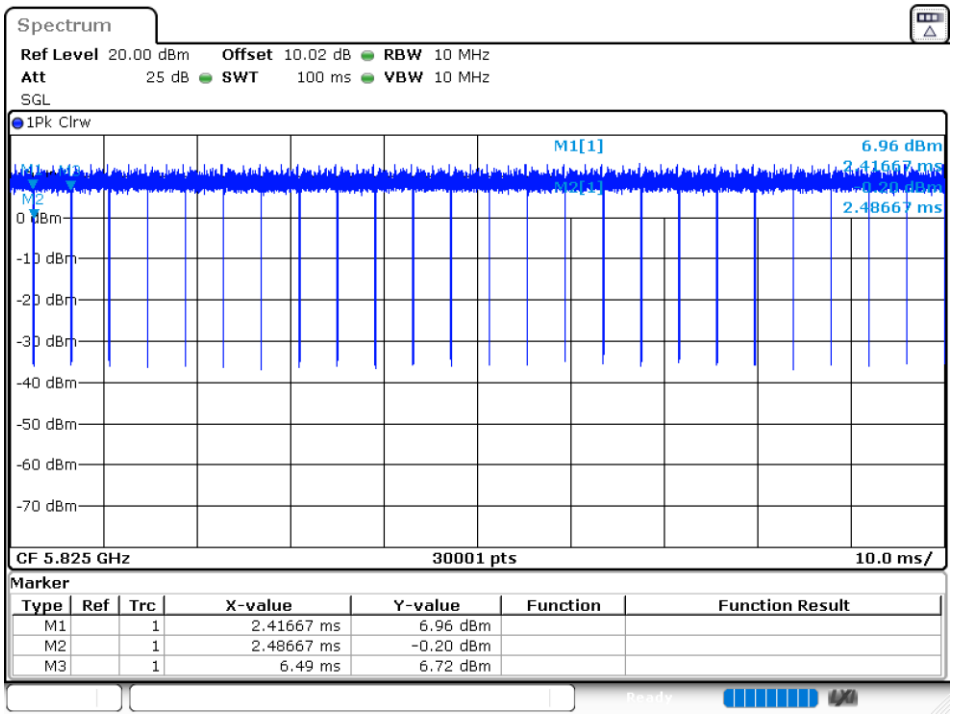
Duty Cycle NVNT ax20 5745MHz Ant1



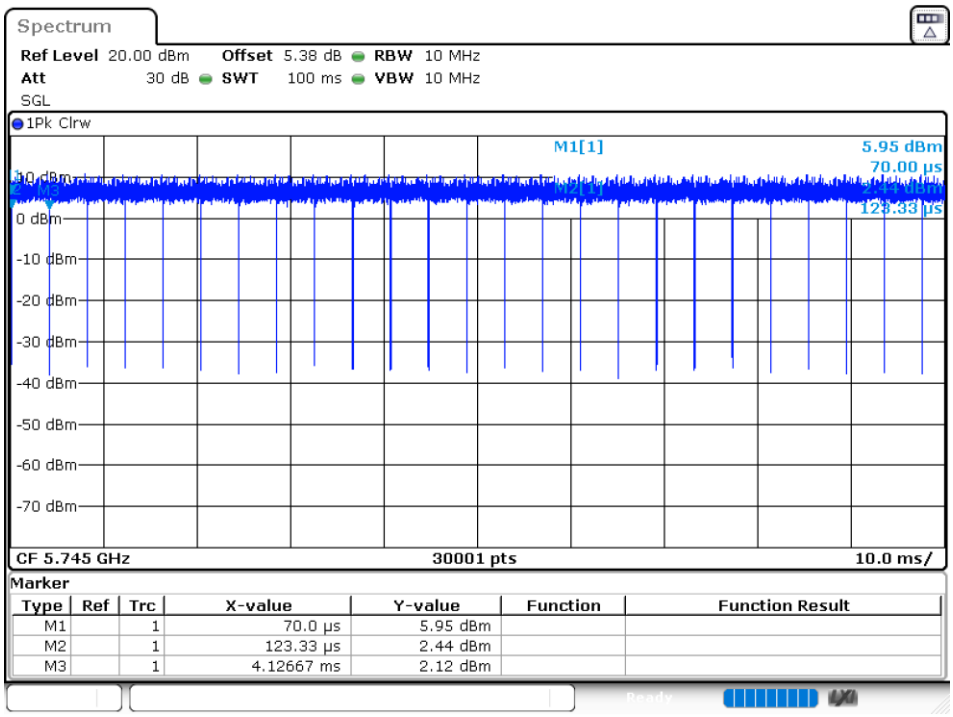
Duty Cycle NVNT ax20 5785MHz Ant1



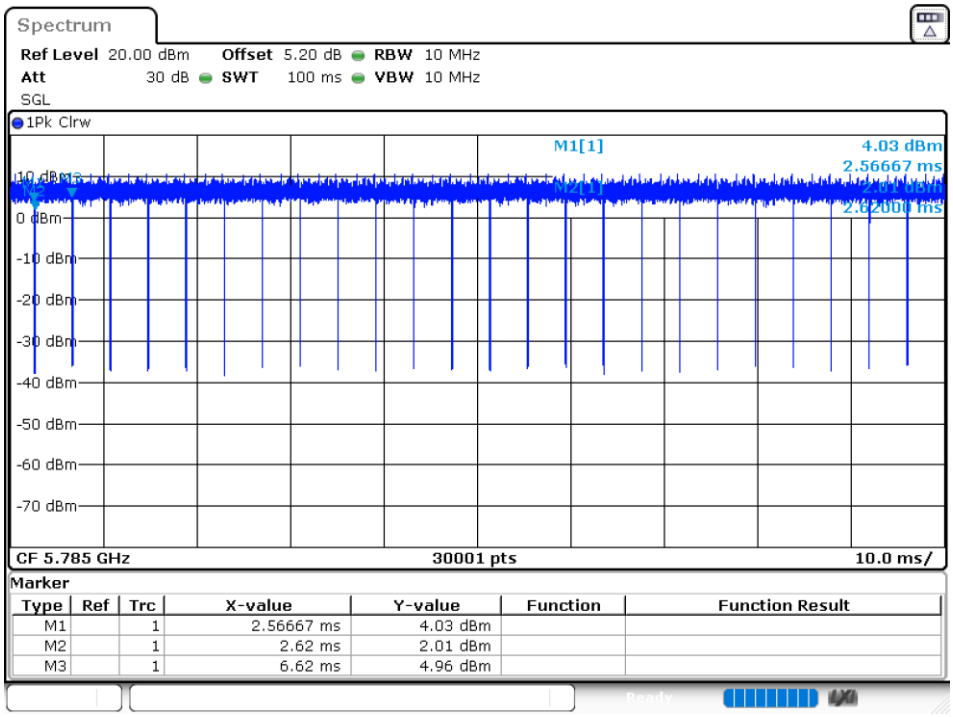
Duty Cycle NVNT ax20 5825MHz Ant1



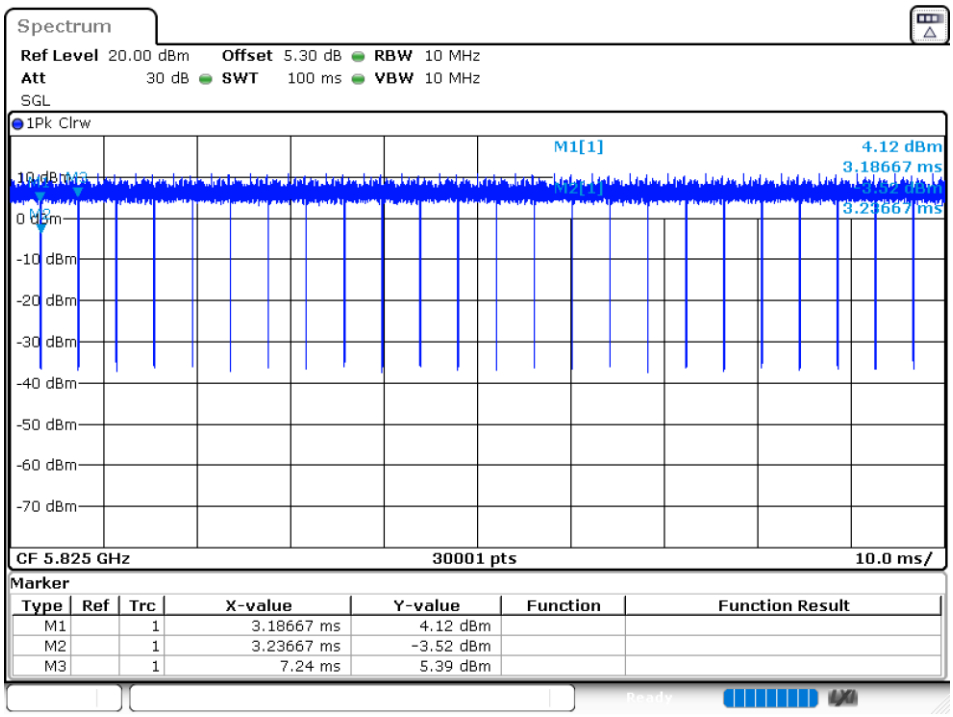
Duty Cycle NVNT ax20 5745MHz Ant2



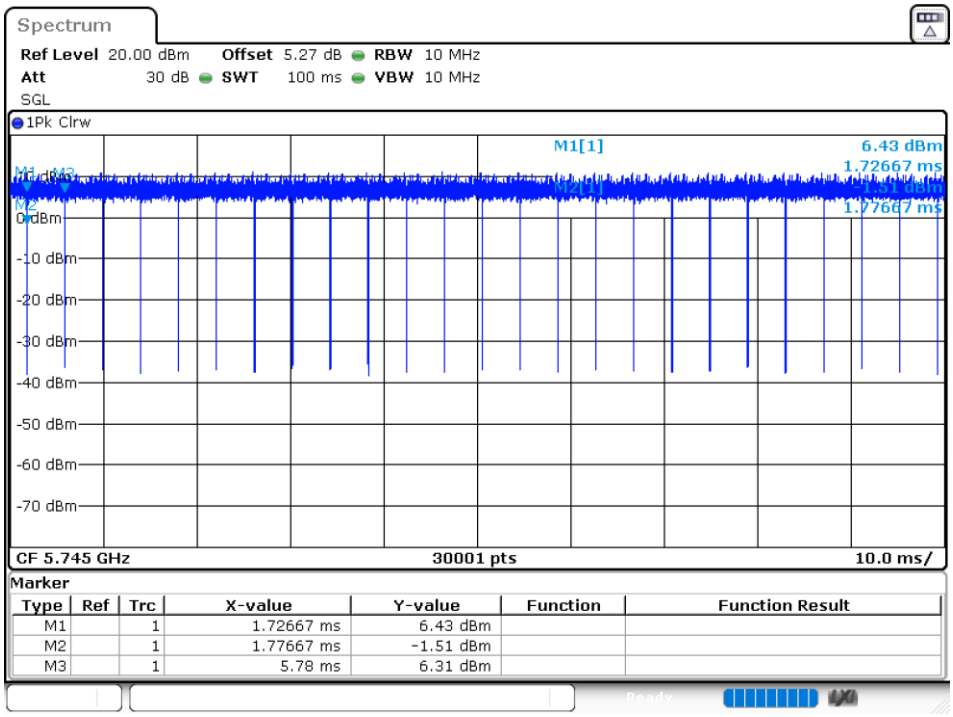
Duty Cycle NVNT ax20 5785MHz Ant2



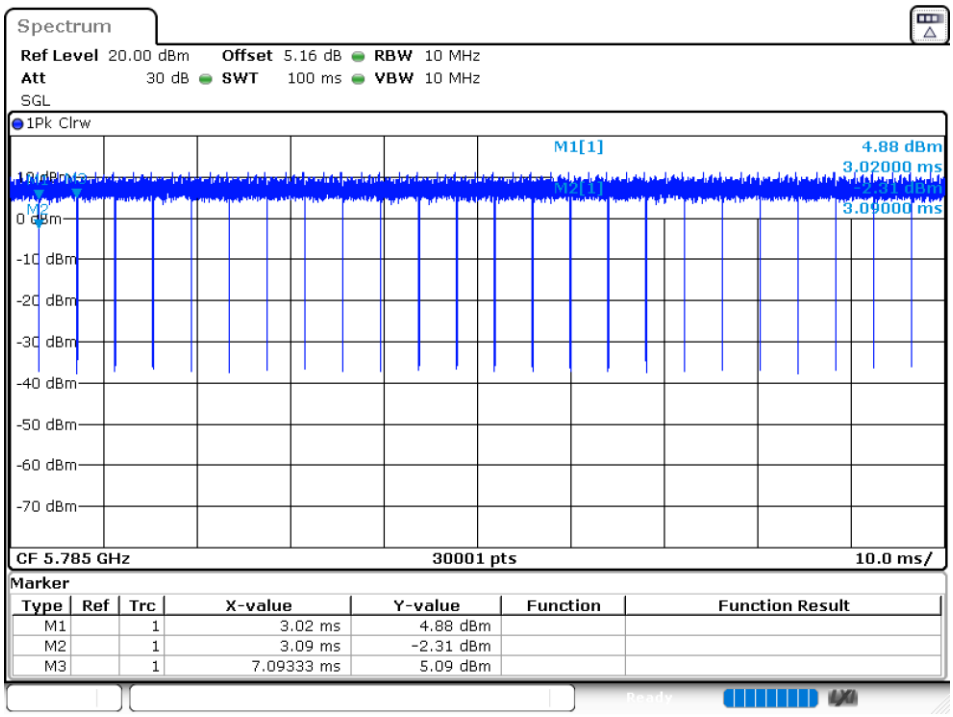
Duty Cycle NVNT ax20 5825MHz Ant2



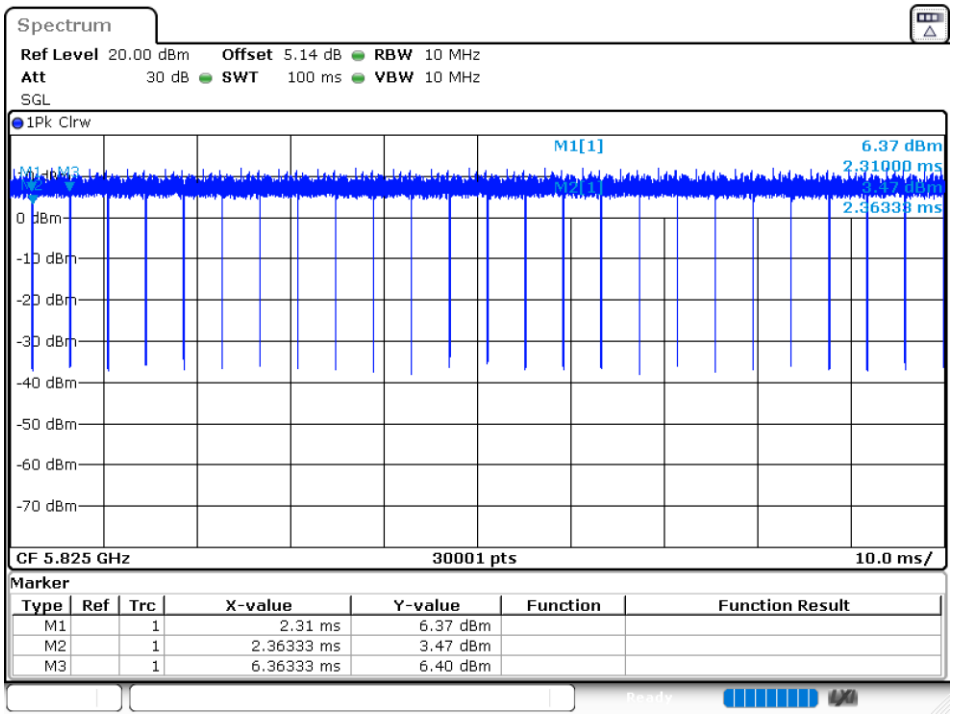
Duty Cycle NVNT ax20 5745MHz Ant3



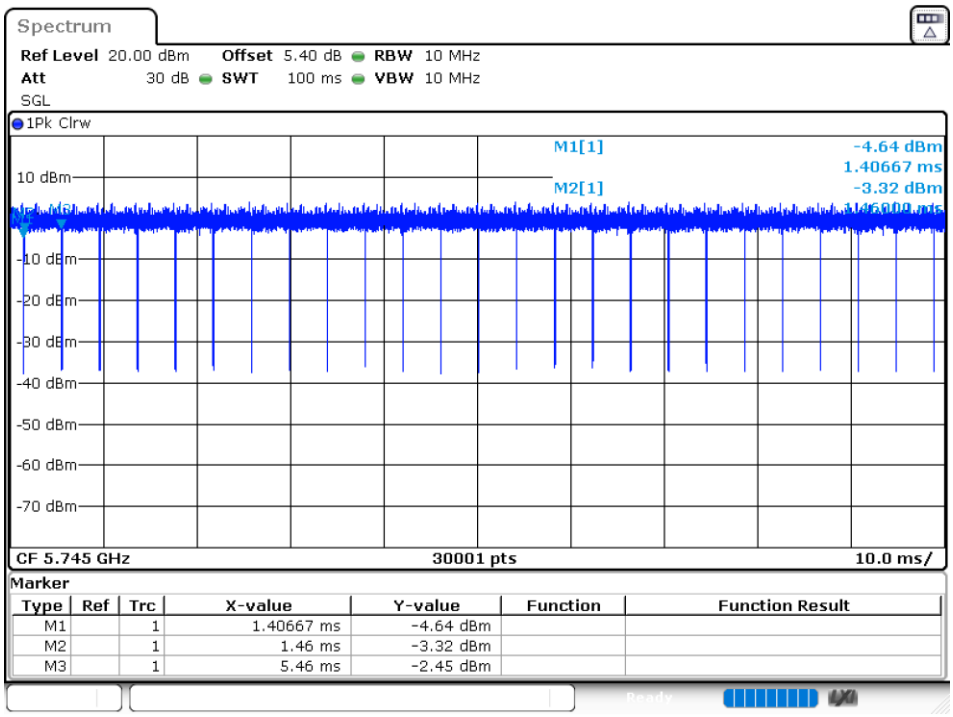
Duty Cycle NVNT ax20 5785MHz Ant3



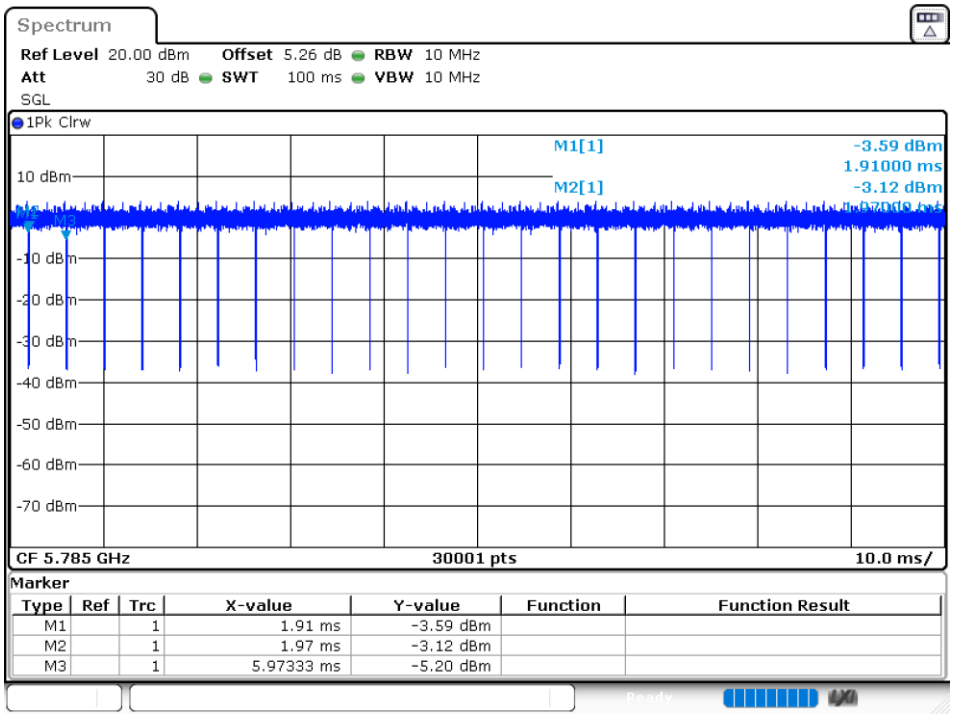
Duty Cycle NVNT ax20 5825MHz Ant3



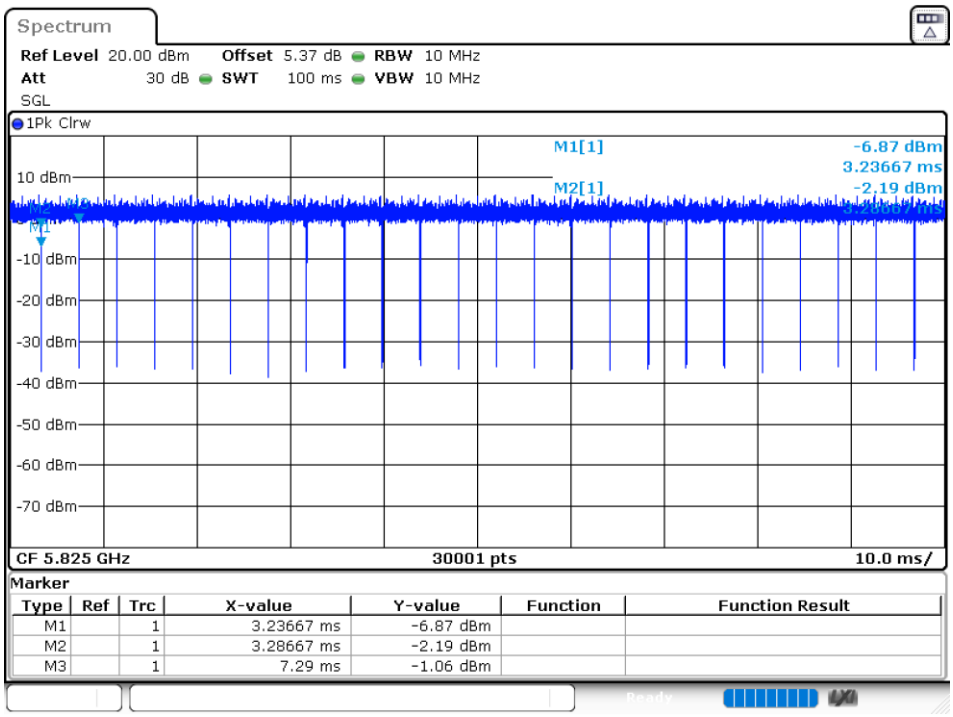
Duty Cycle NVNT ax20 5745MHz Ant4



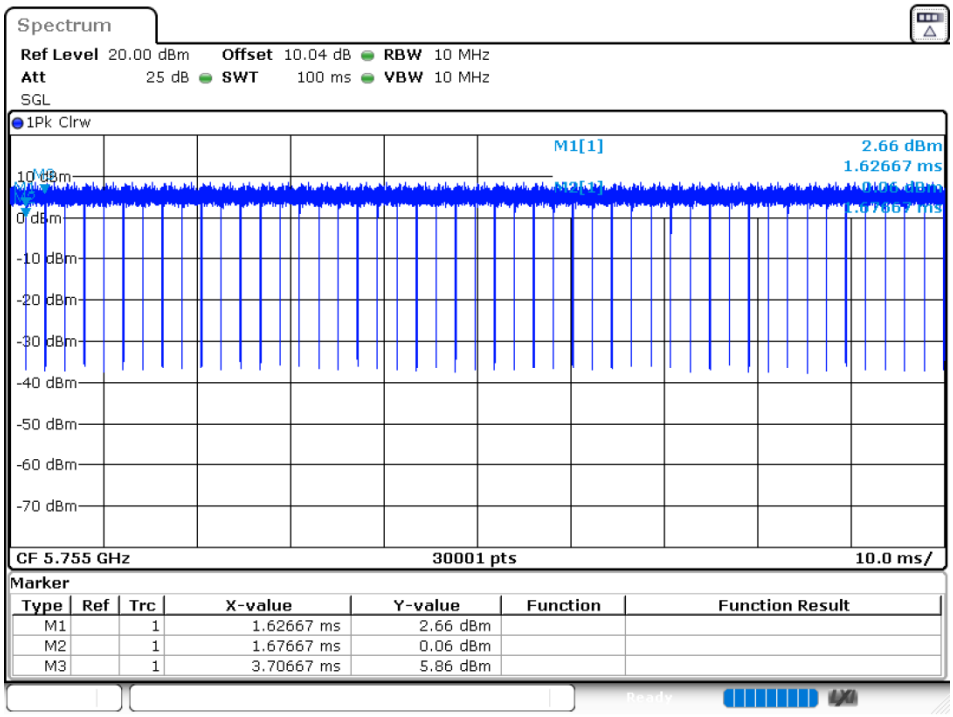
Duty Cycle NVNT ax20 5785MHz Ant4



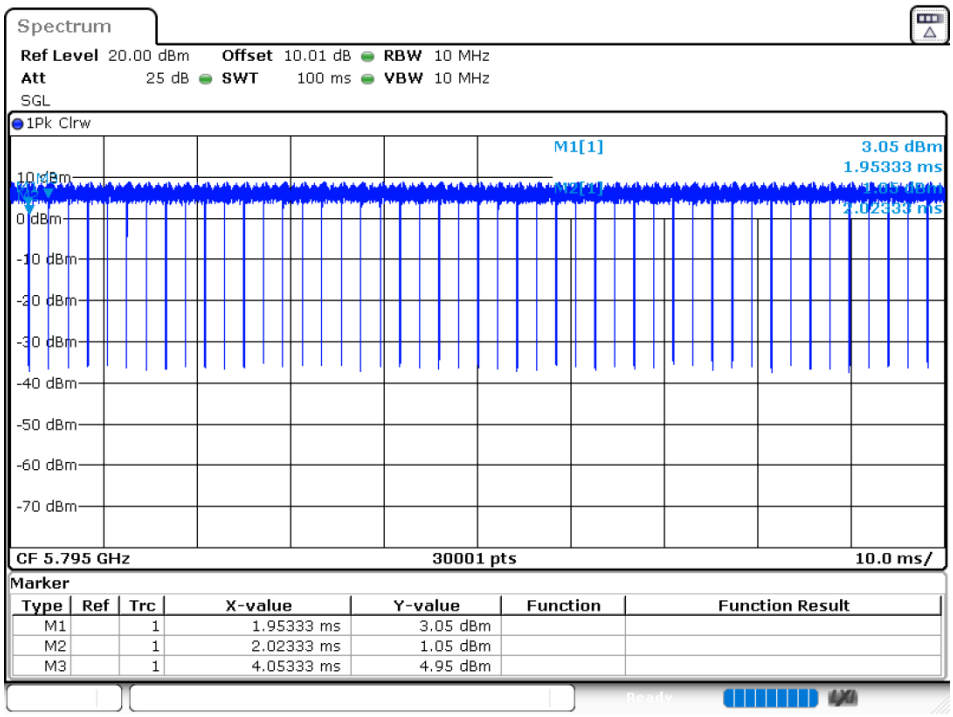
Duty Cycle NVNT ax20 5825MHz Ant4



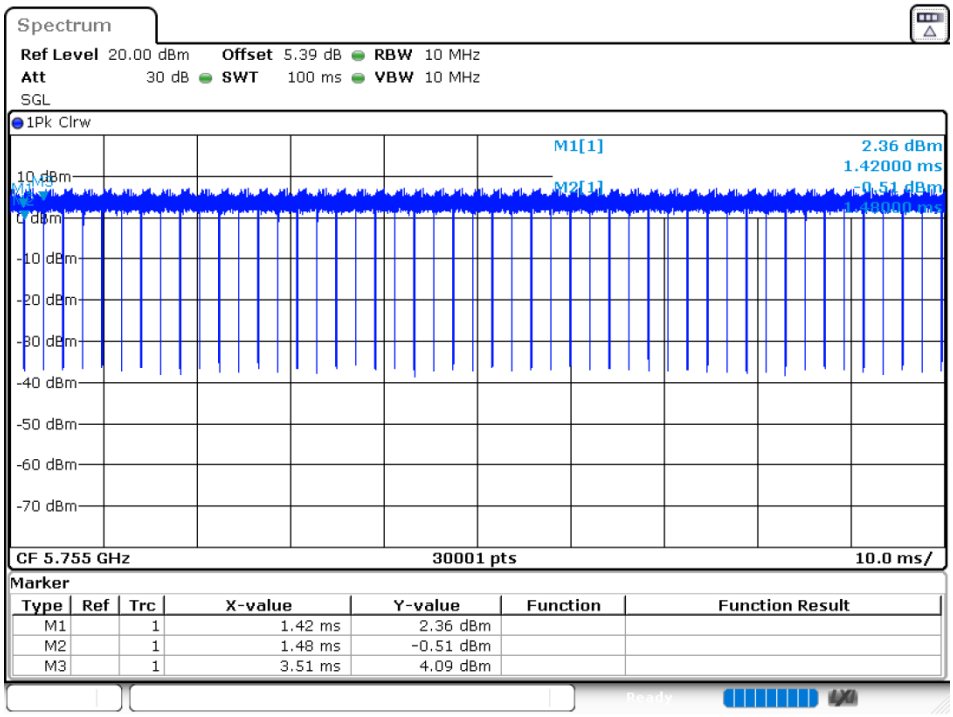
Duty Cycle NVNT ax40 5755MHz Ant1



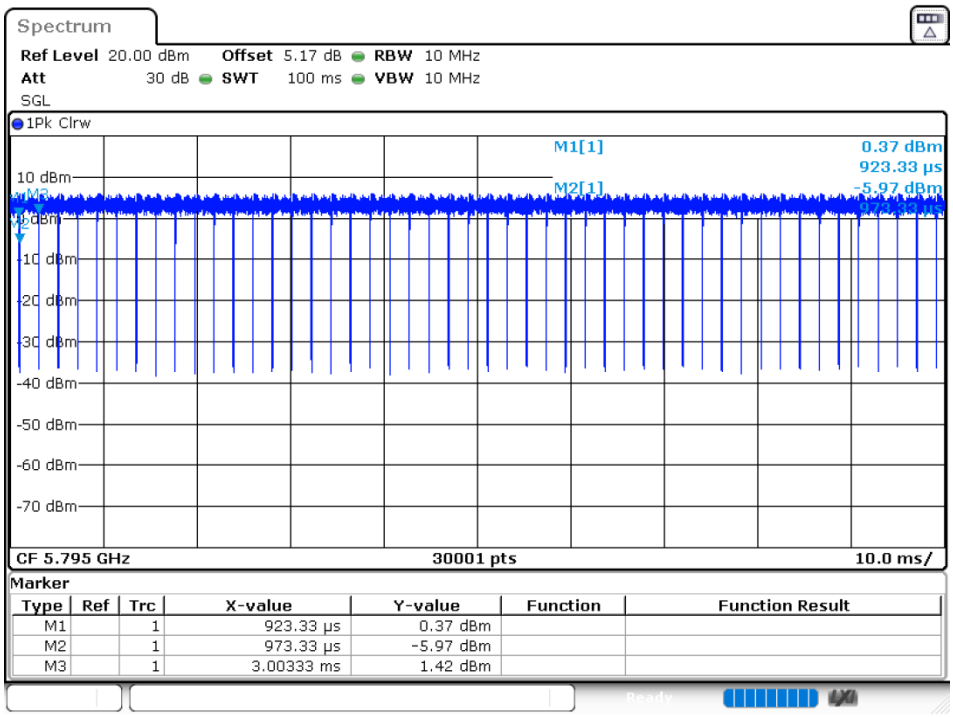
Duty Cycle NVNT ax40 5795MHz Ant1



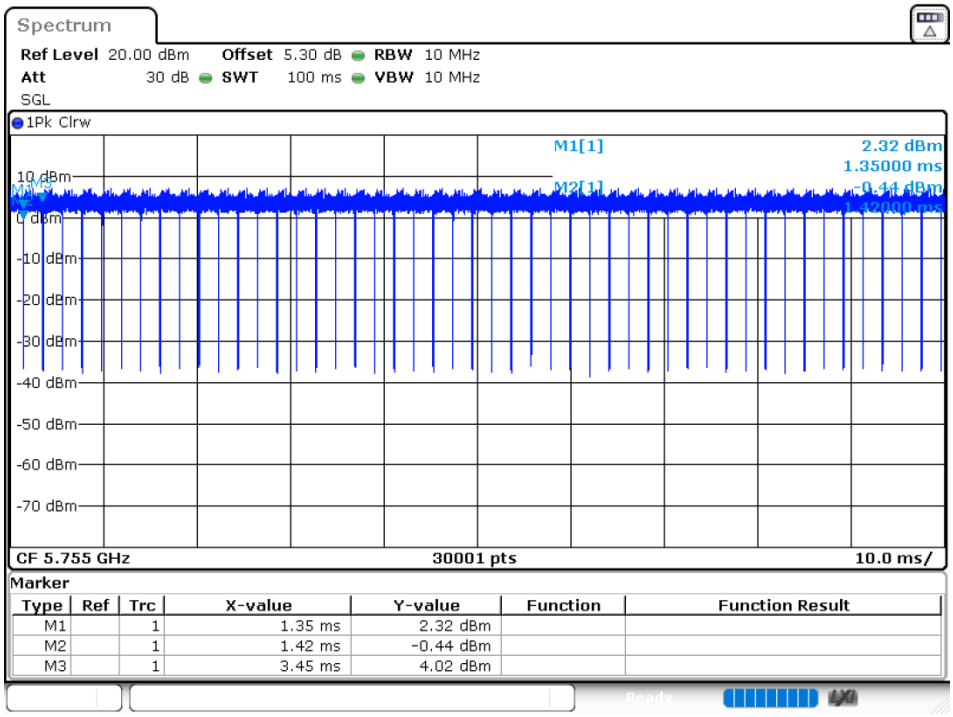
Duty Cycle NVNT ax40 5755MHz Ant2



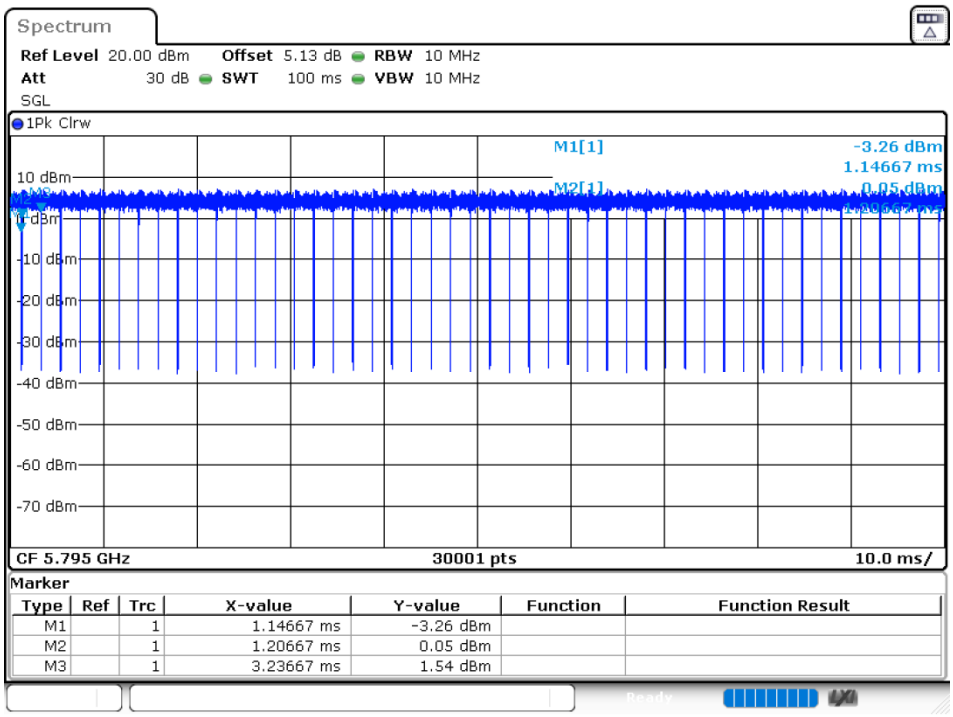
Duty Cycle NVNT ax40 5795MHz Ant2



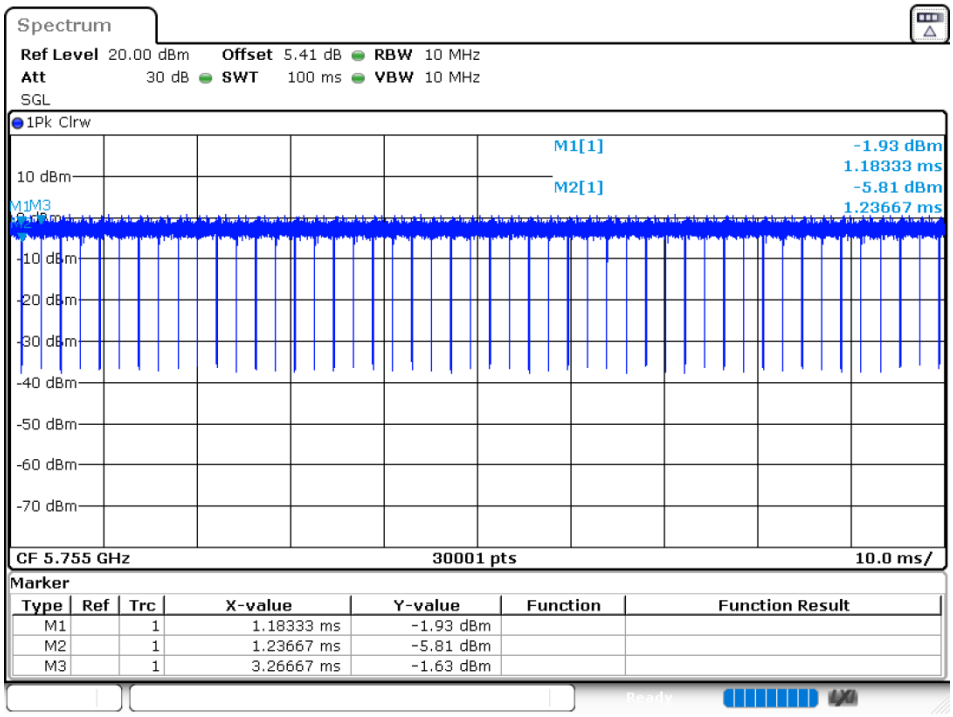
Duty Cycle NVNT ax40 5755MHz Ant3



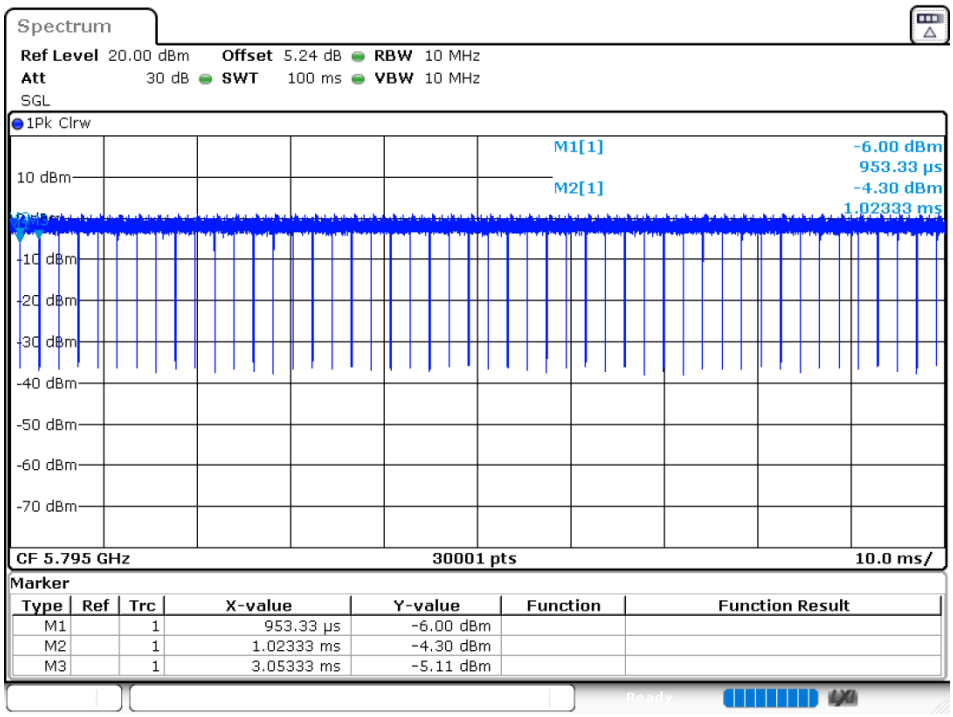
Duty Cycle NVNT ax40 5795MHz Ant3



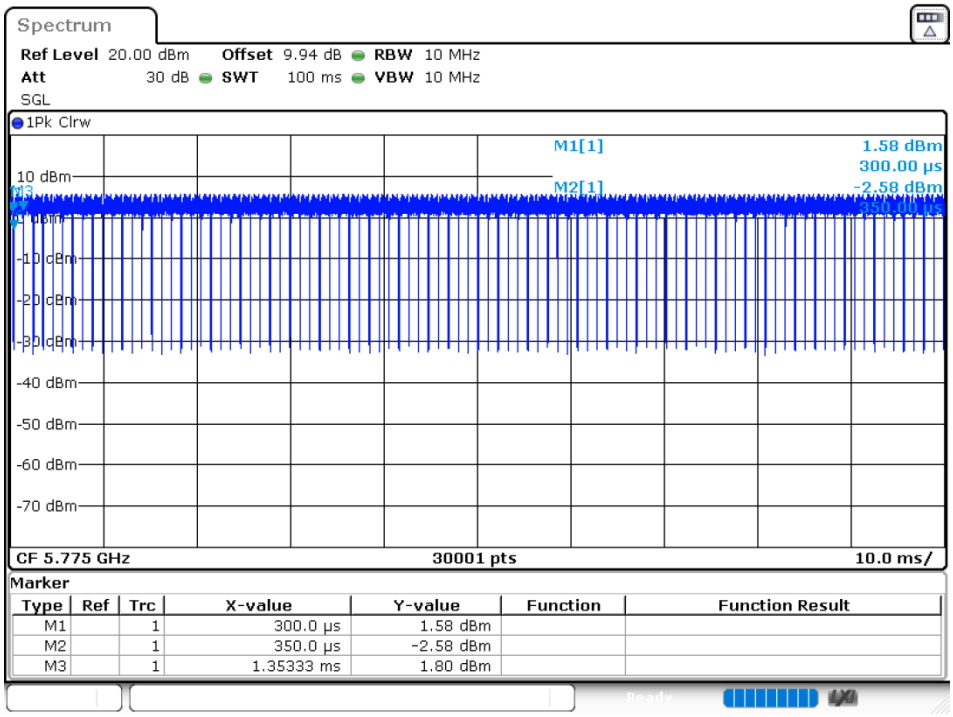
Duty Cycle NVNT ax40 5755MHz Ant4



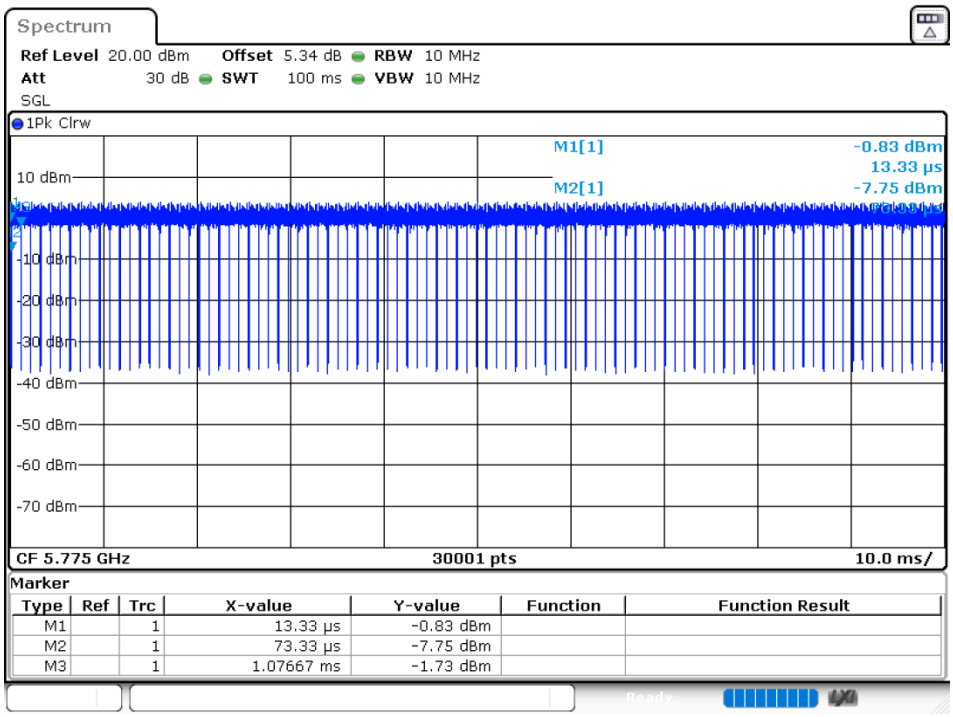
Duty Cycle NVNT ax40 5795MHz Ant4



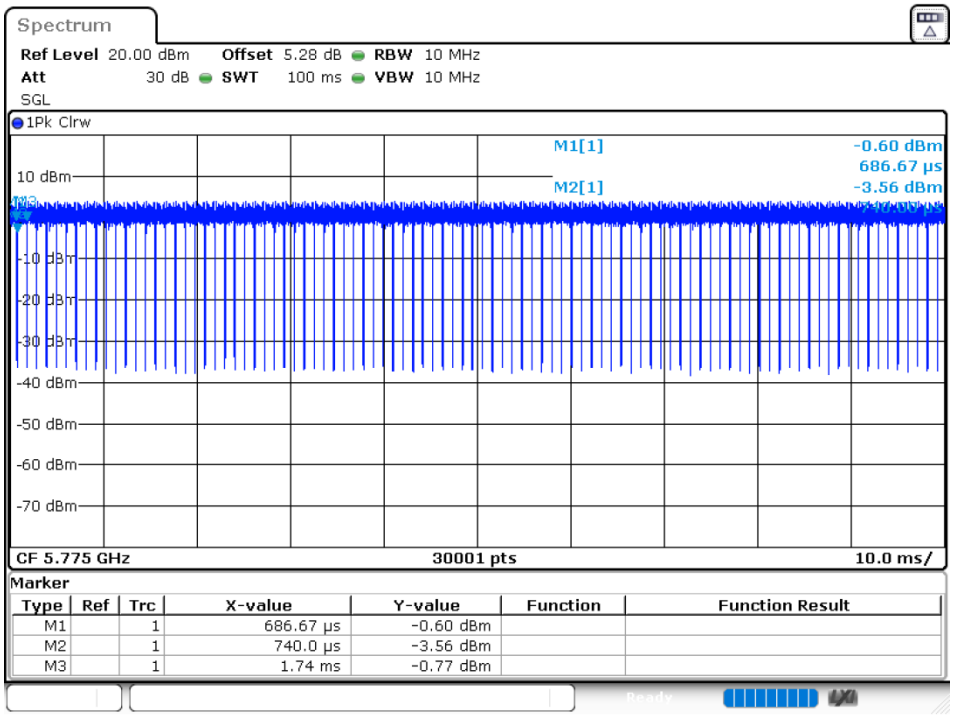
Duty Cycle NVNT ax80 5775MHz Ant1



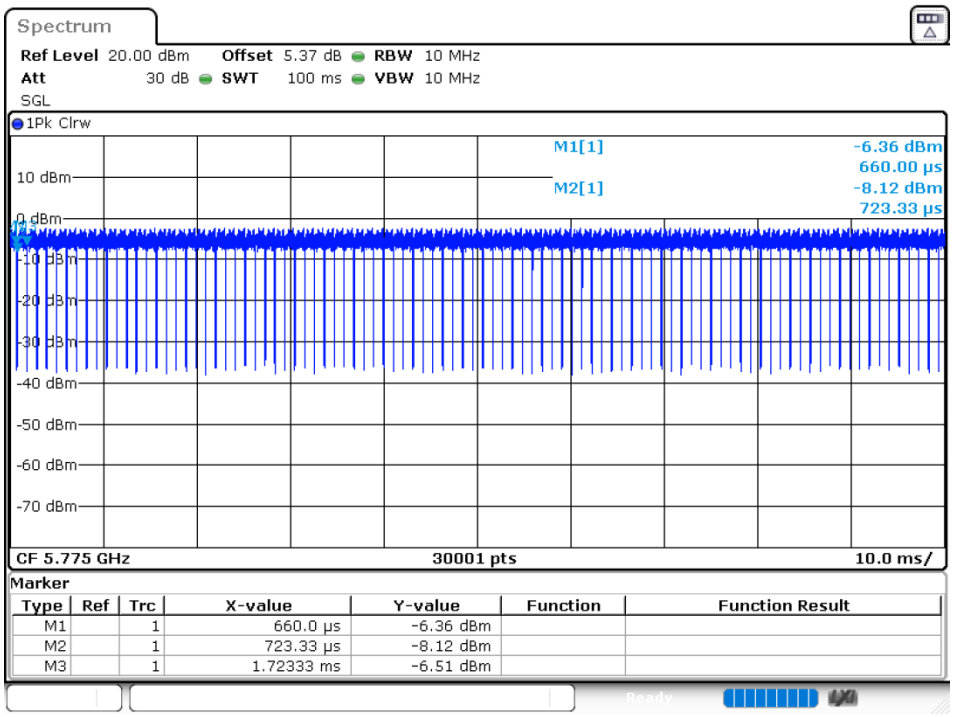
Duty Cycle NVNT ax80 5775MHz Ant2



Duty Cycle NVNT ax80 5775MHz Ant3

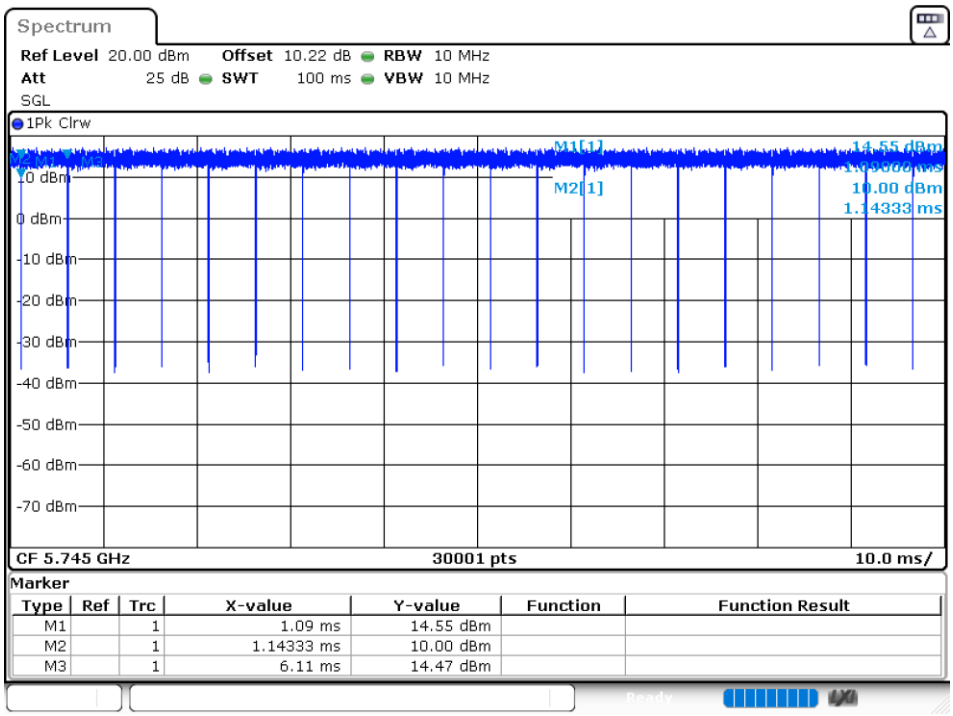


Duty Cycle NVNT ax80 5775MHz Ant4



Test Graphs

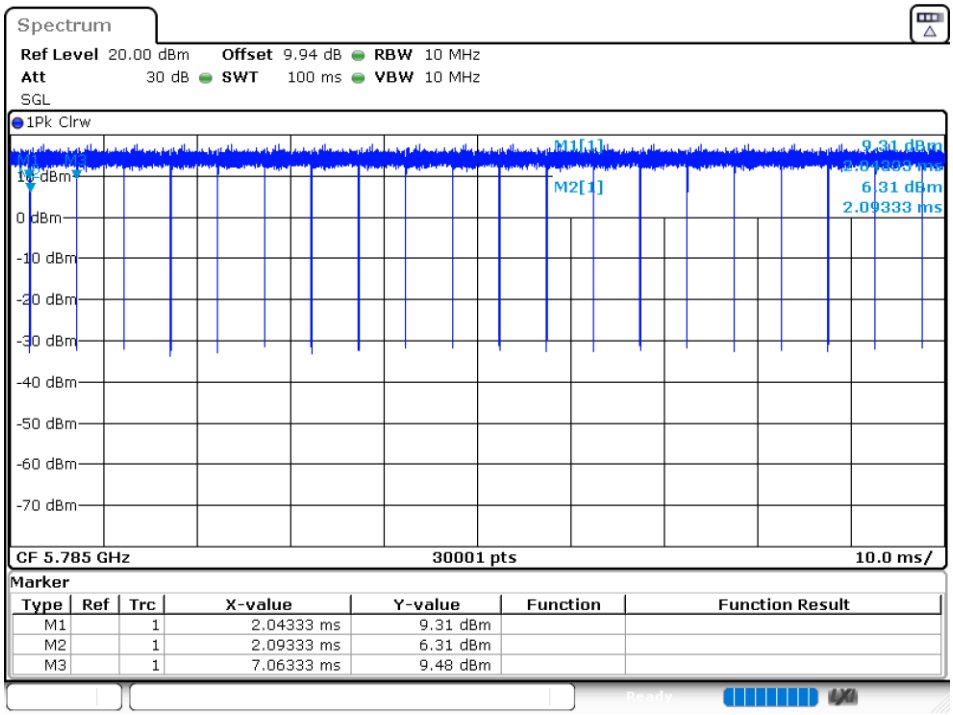
Duty Cycle NVNT ac20 5745MHz Ant5



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.09 ms	14.55 dBm		
M2		1	1.14333 ms	10.00 dBm		
M3		1	6.11 ms	14.47 dBm		

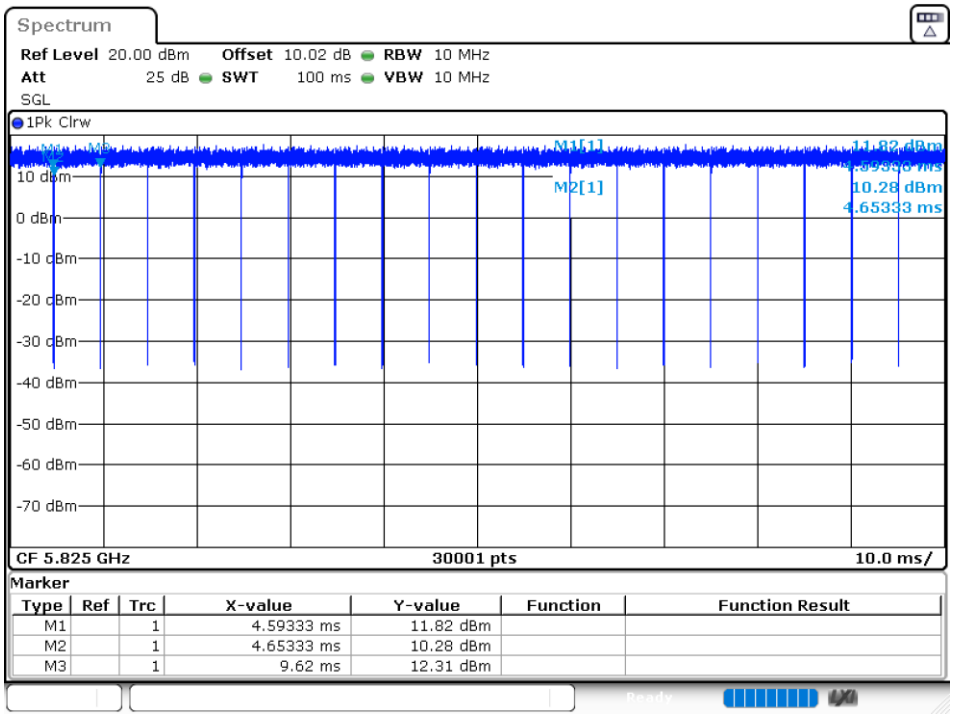
Duty Cycle NVNT ac20 5785MHz Ant5



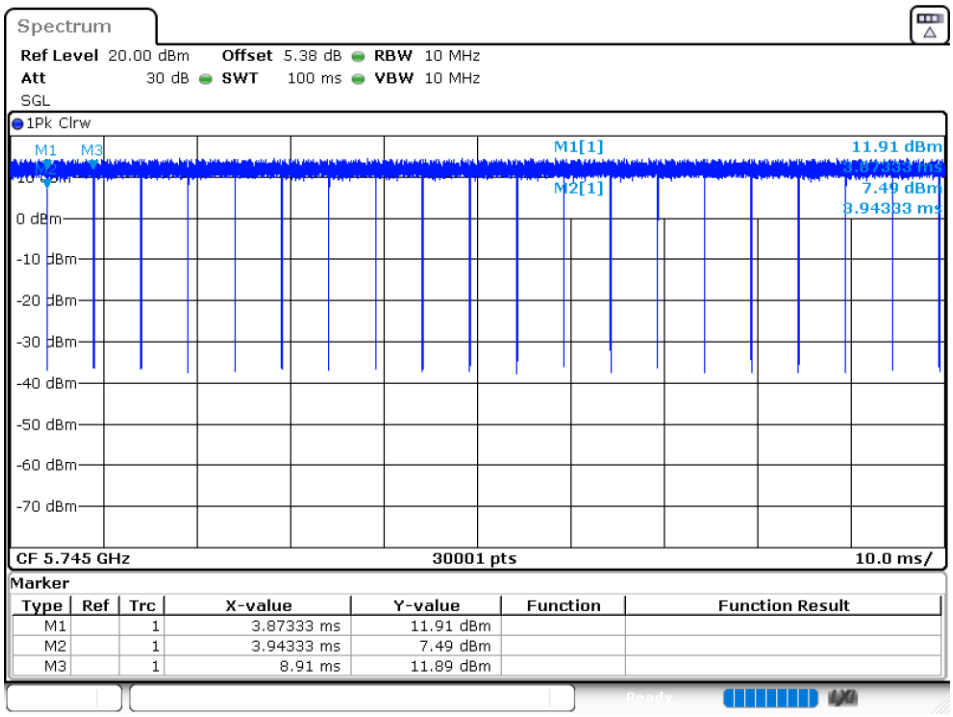
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.04333 ms	9.31 dBm		
M2		1	2.09333 ms	6.31 dBm		
M3		1	7.06333 ms	9.48 dBm		

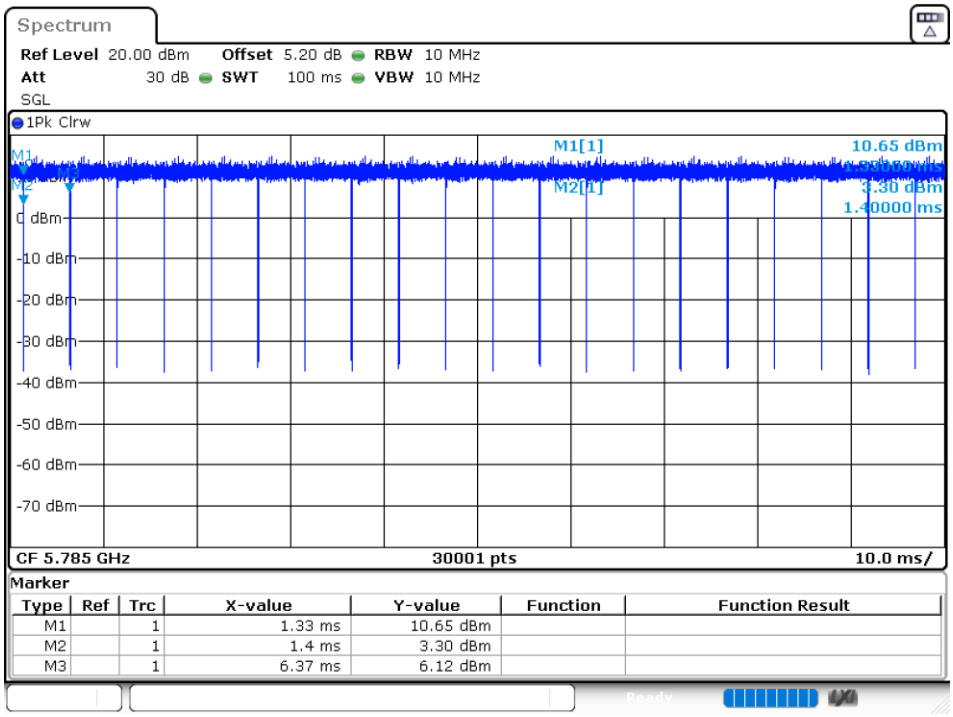
Duty Cycle NVNT ac20 5825MHz Ant5



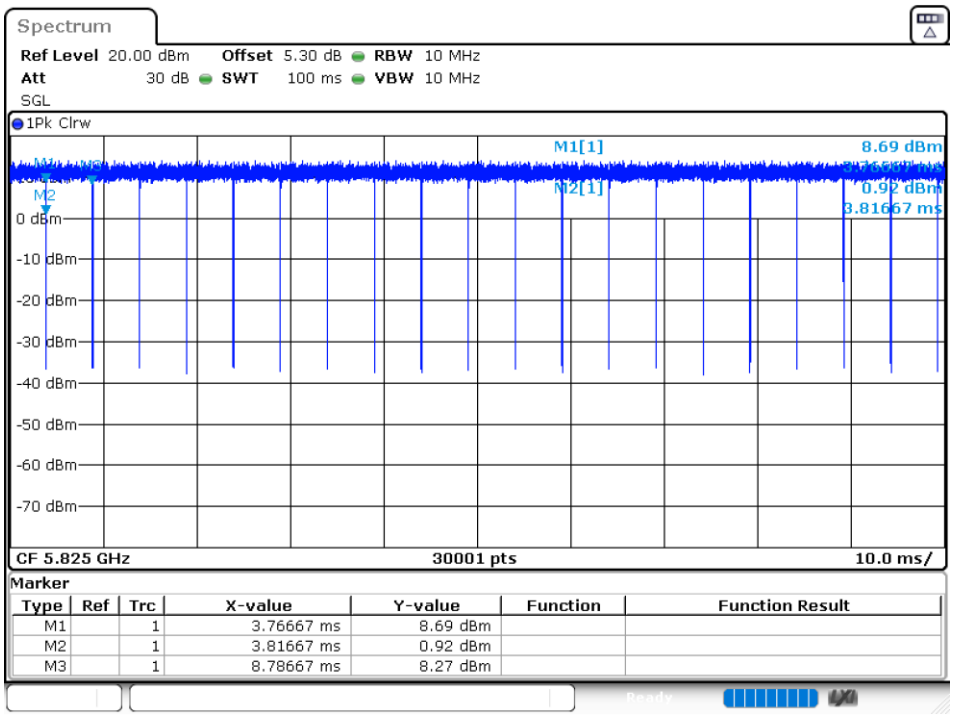
Duty Cycle NVNT ac20 5745MHz Ant6



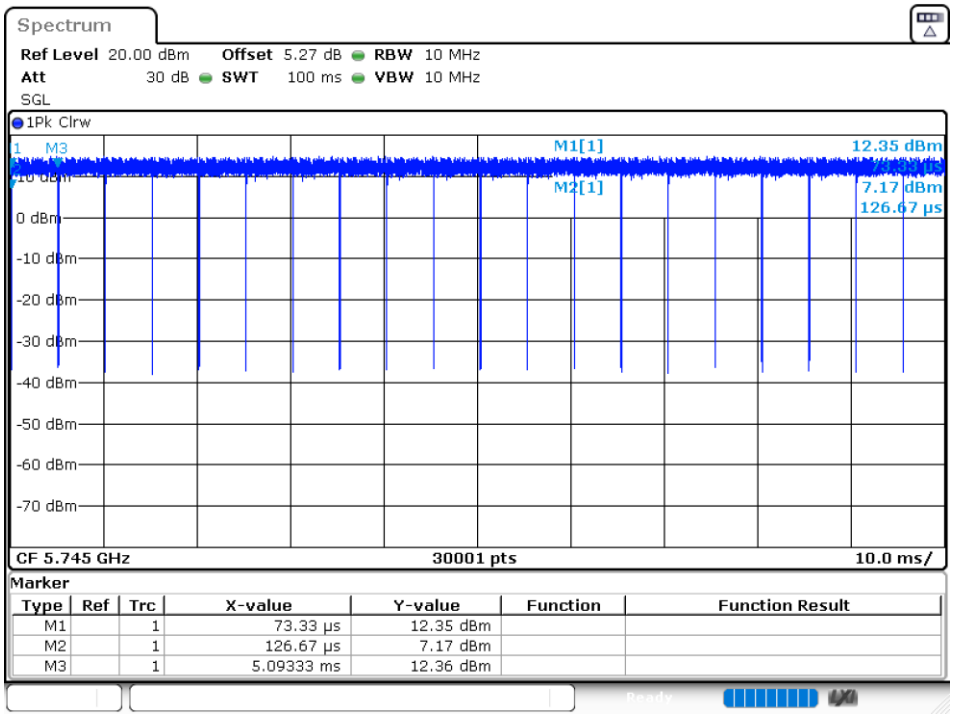
Duty Cycle NVNT ac20 5785MHz Ant6



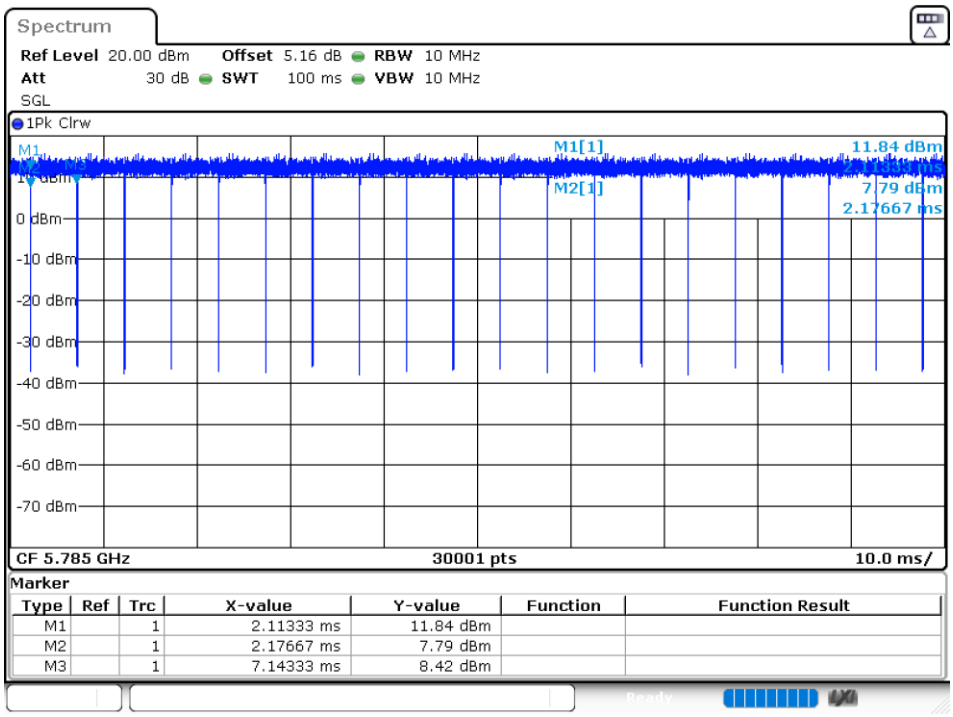
Duty Cycle NVNT ac20 5825MHz Ant6



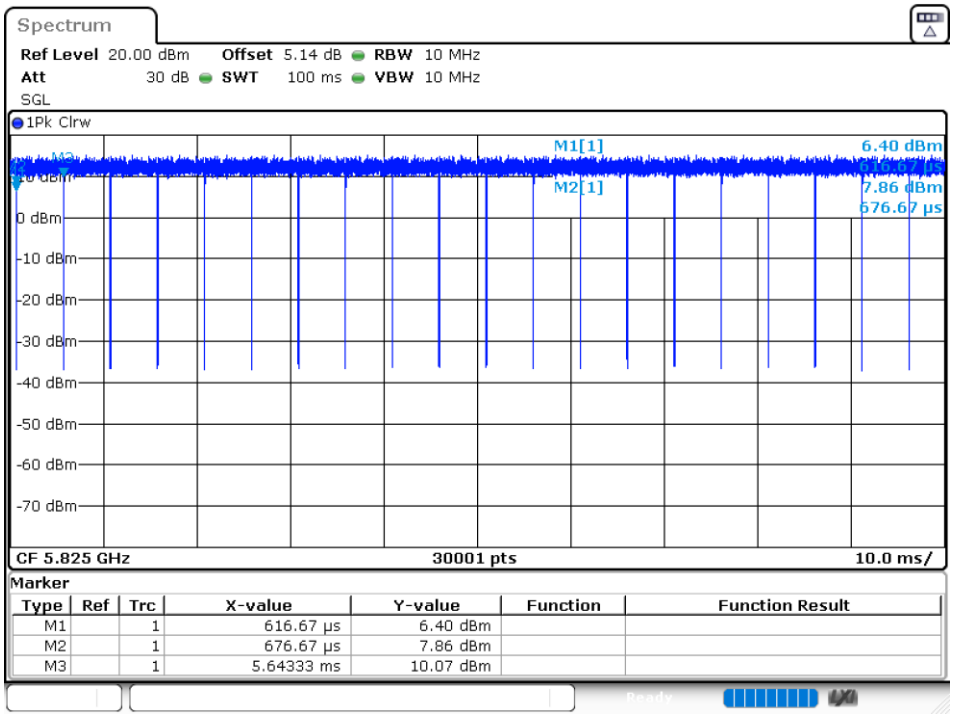
Duty Cycle NVNT ac20 5745MHz Ant7



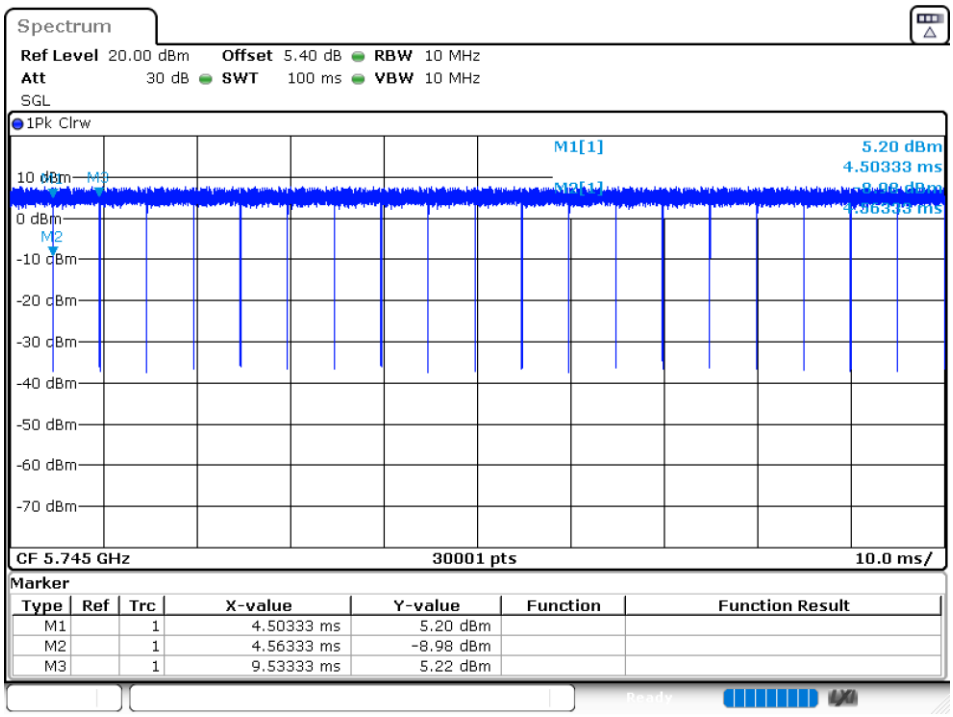
Duty Cycle NVNT ac20 5785MHz Ant7



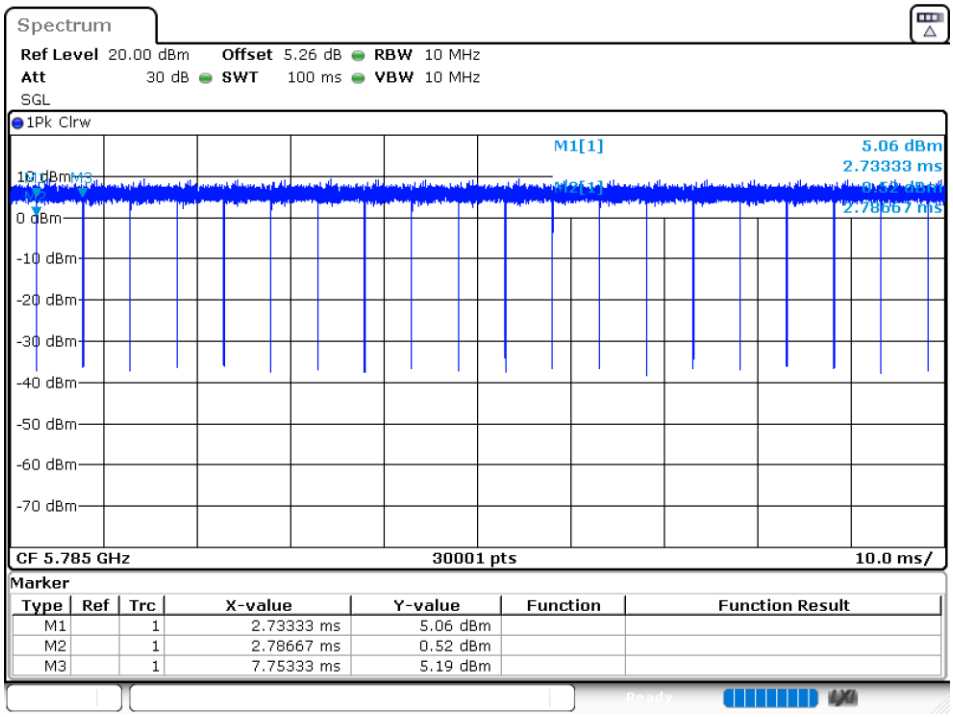
Duty Cycle NVNT ac20 5825MHz Ant7



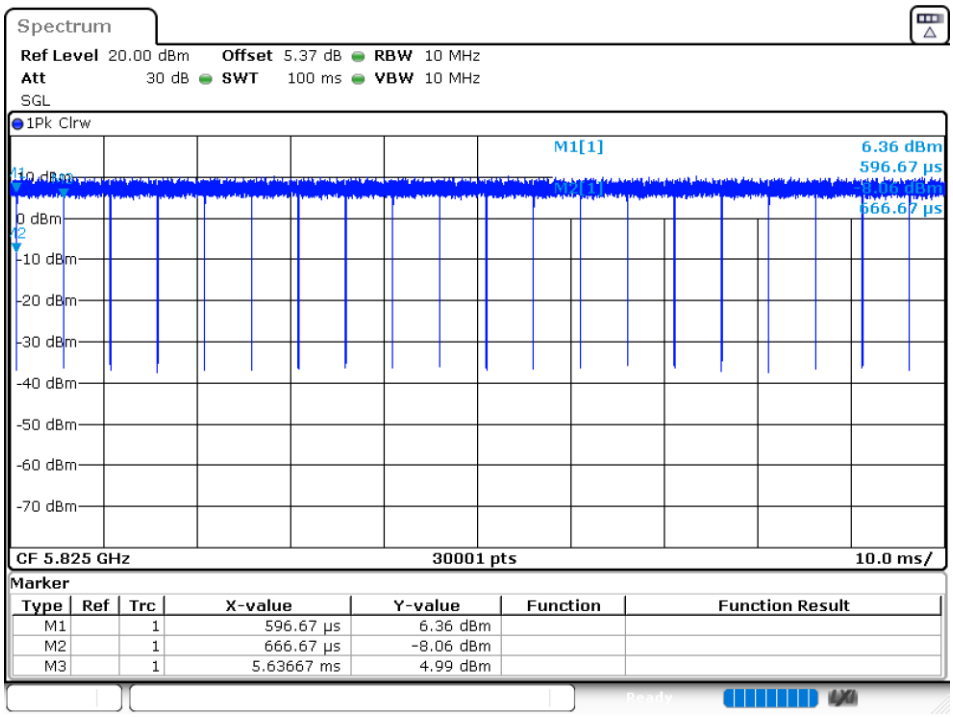
Duty Cycle NVNT ac20 5745MHz Ant8



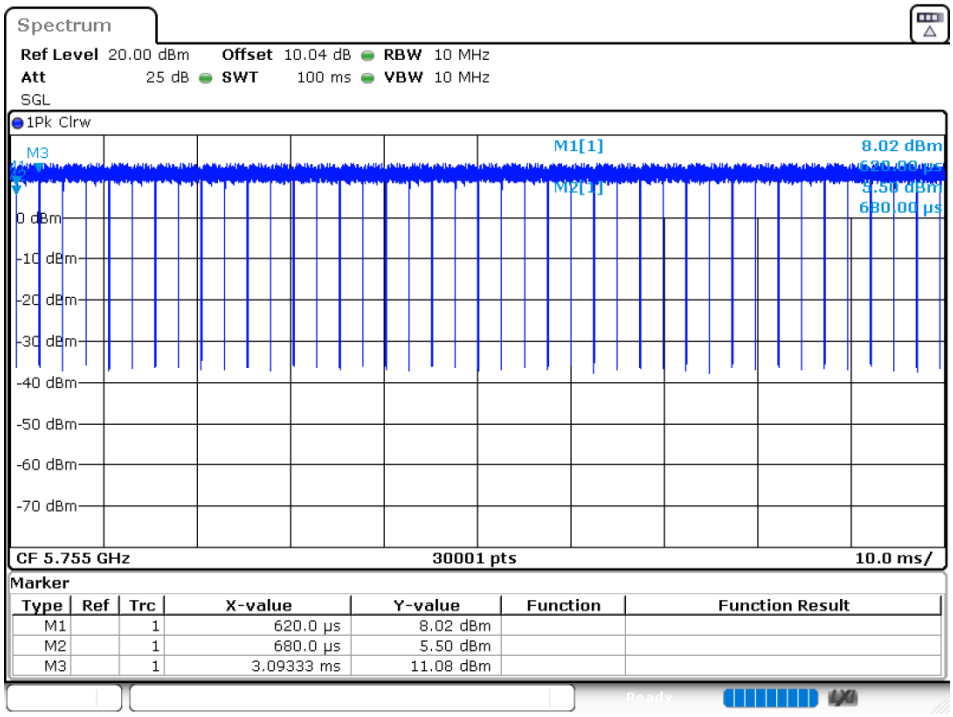
Duty Cycle NVNT ac20 5785MHz Ant8



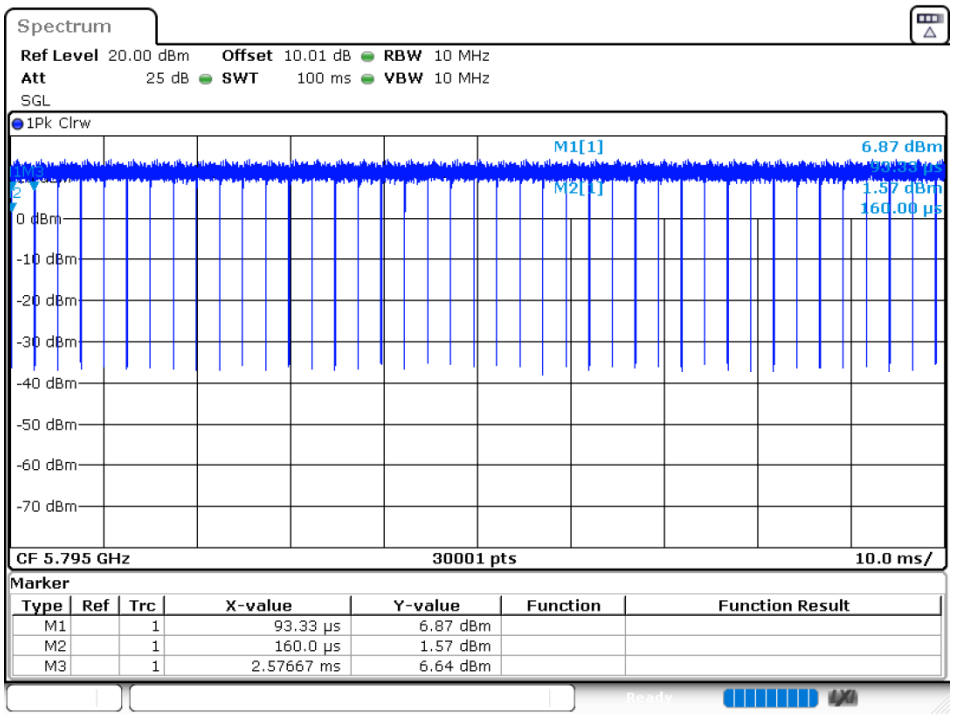
Duty Cycle NVNT ac20 5825MHz Ant8



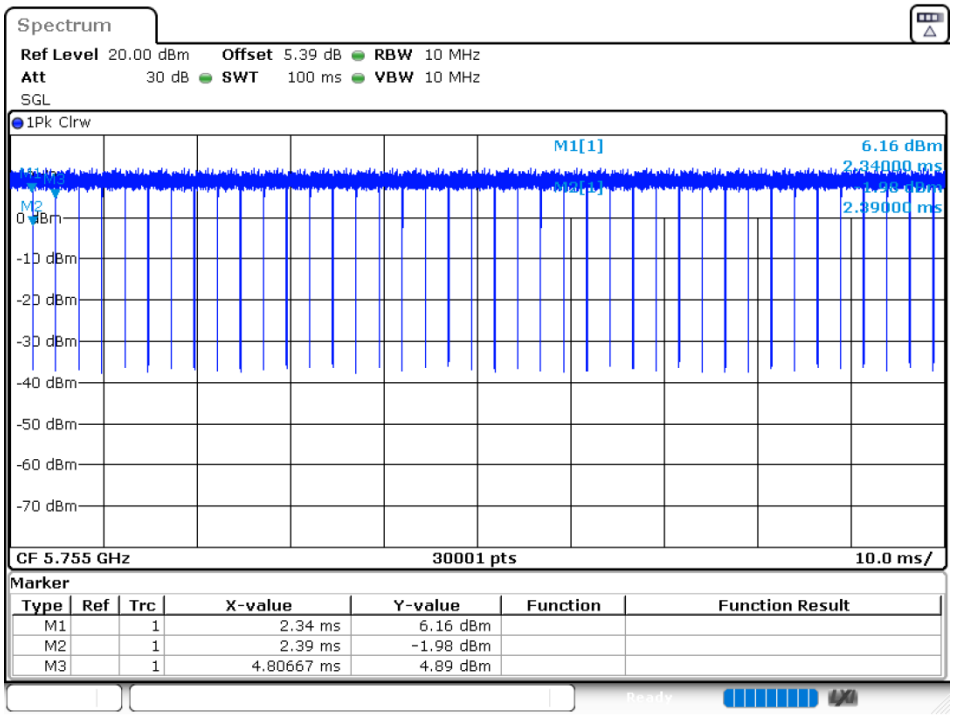
Duty Cycle NVNT ac40 5755MHz Ant5



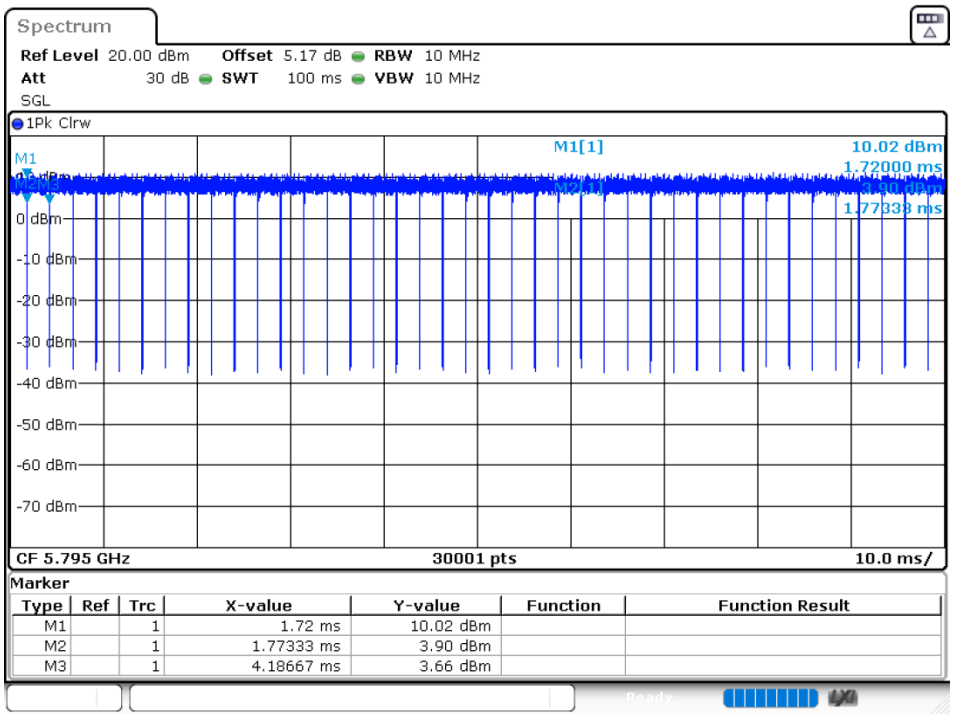
Duty Cycle NVNT ac40 5795MHz Ant5



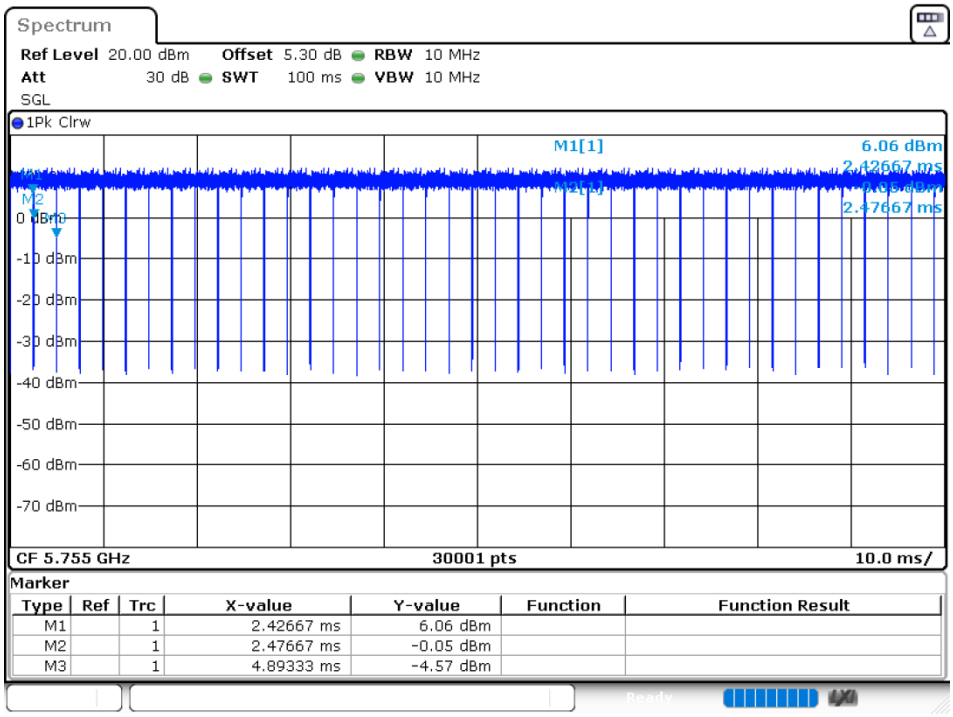
Duty Cycle NVNT ac40 5755MHz Ant6



Duty Cycle NVNT ac40 5795MHz Ant6



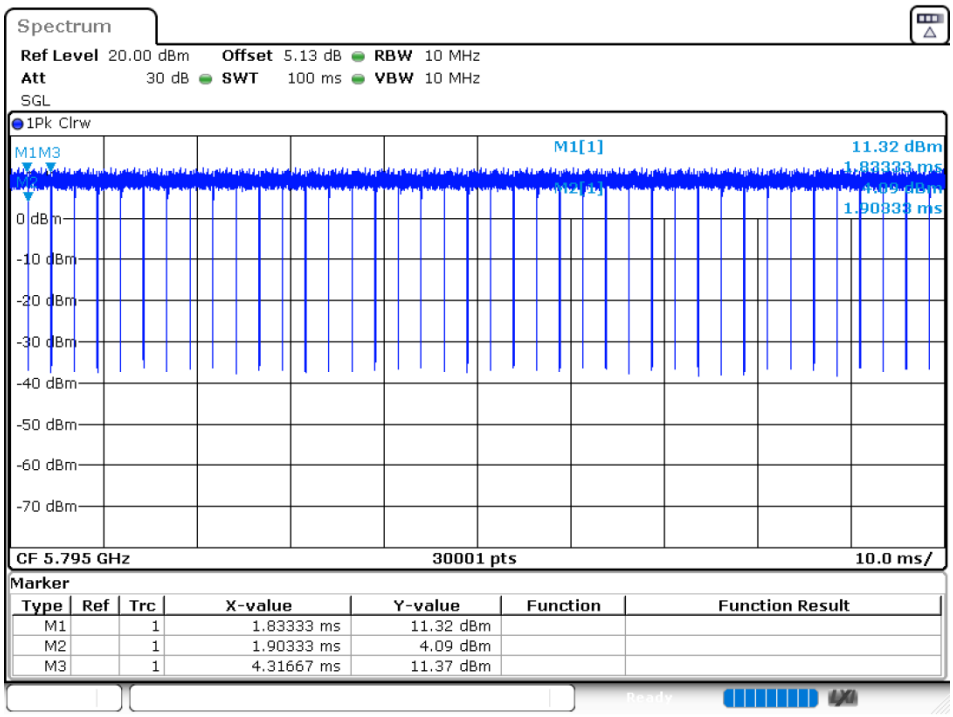
Duty Cycle NVNT ac40 5755MHz Ant7



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.42667 ms	6.06 dBm		
M2		1	2.47667 ms	-0.05 dBm		
M3		1	4.89333 ms	-4.57 dBm		

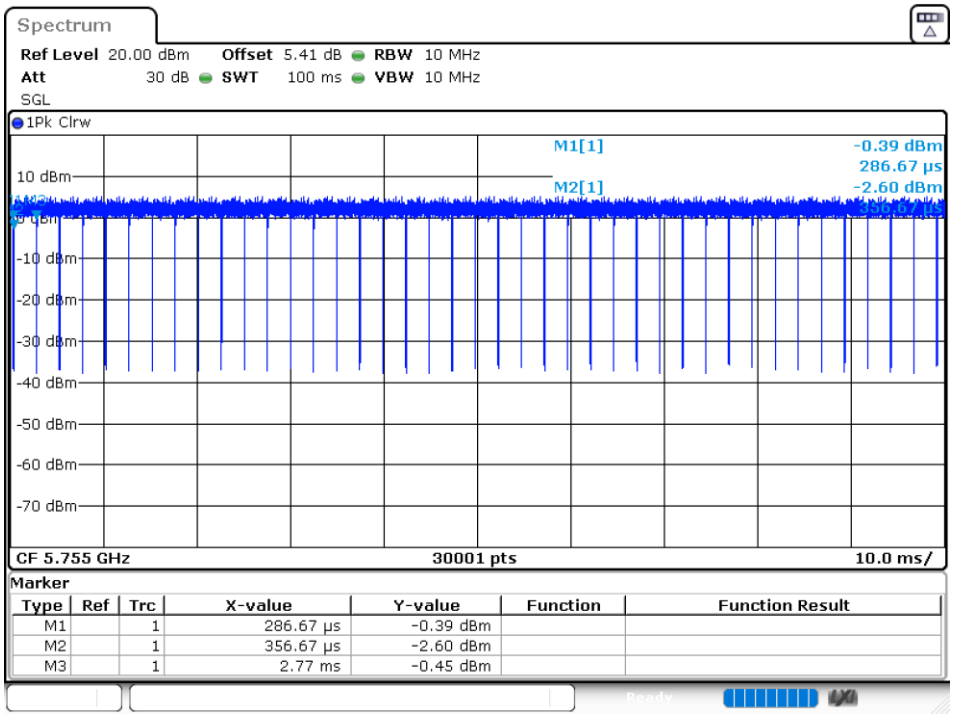
Duty Cycle NVNT ac40 5795MHz Ant7



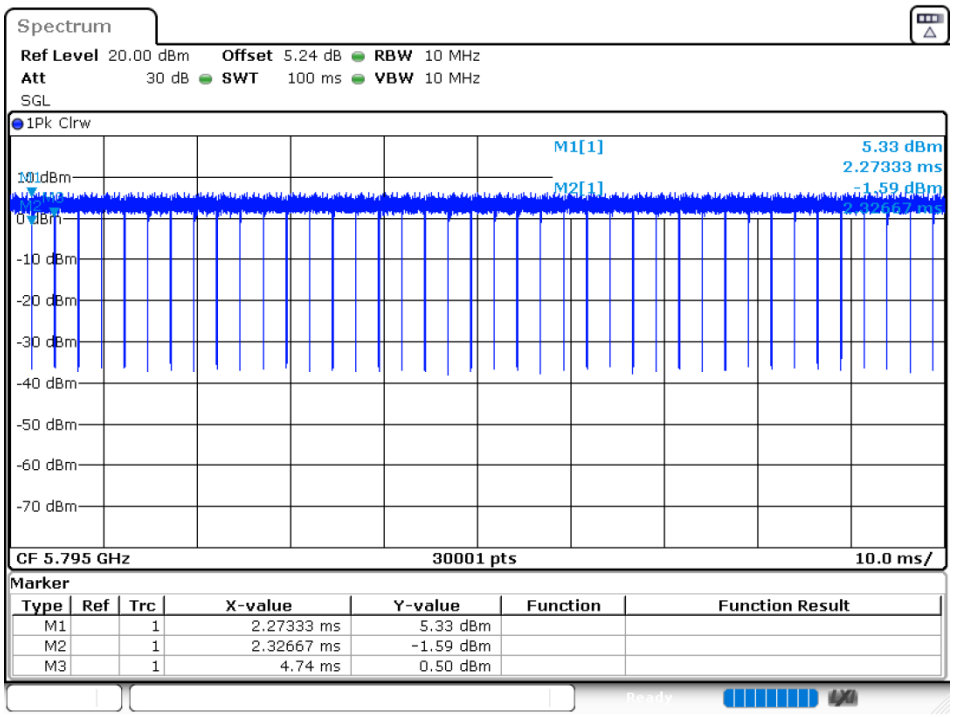
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.83333 ms	11.32 dBm		
M2		1	1.90333 ms	4.09 dBm		
M3		1	4.31667 ms	11.37 dBm		

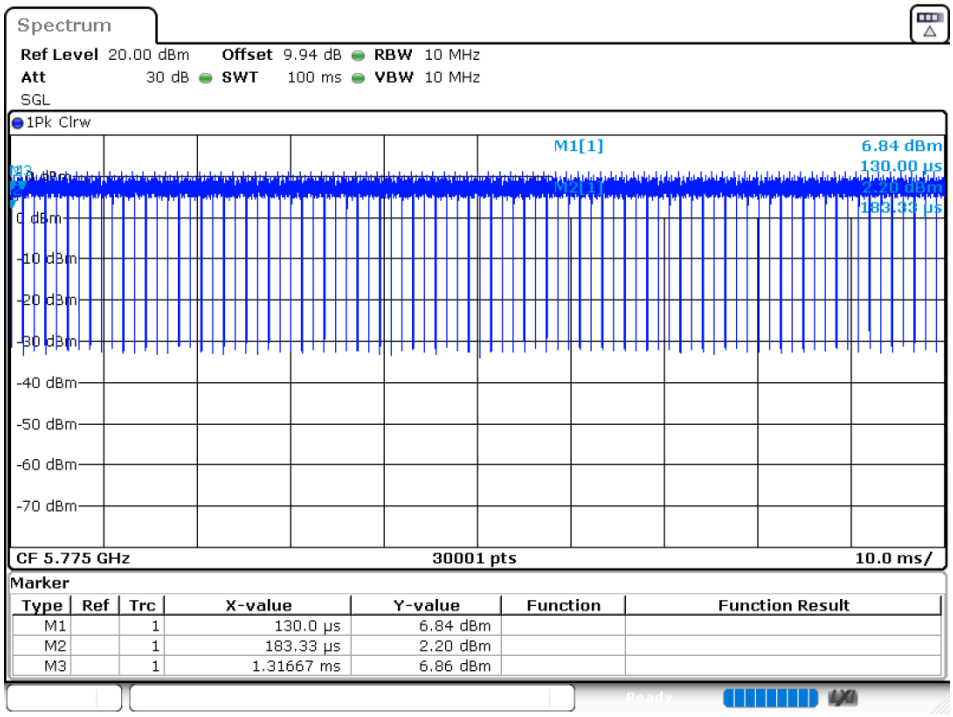
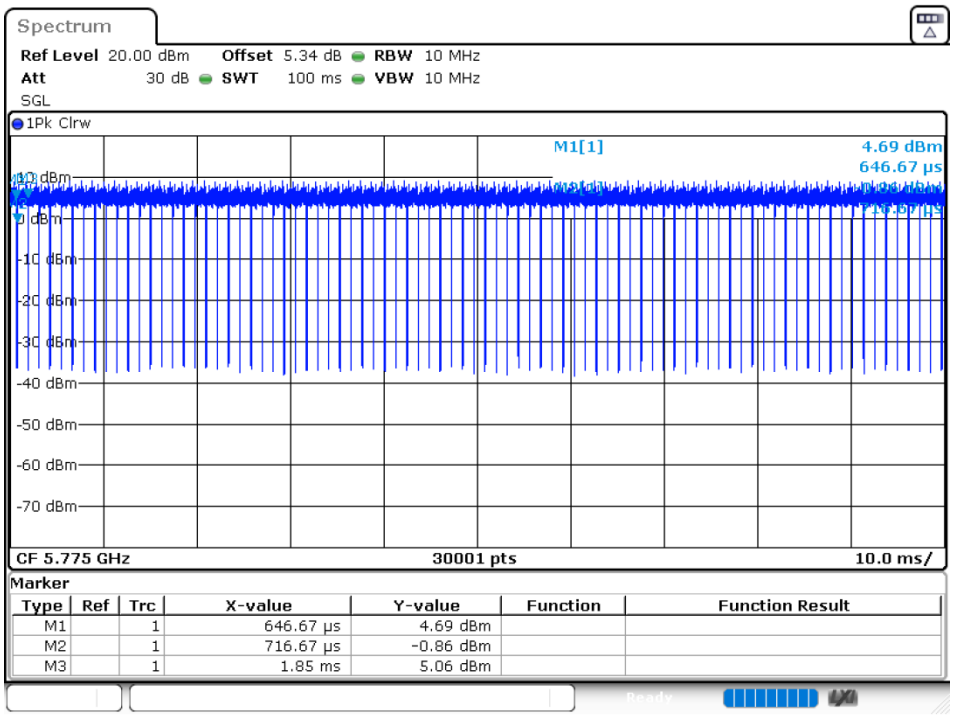
Duty Cycle NVNT ac40 5755MHz Ant8



Duty Cycle NVNT ac40 5795MHz Ant8



Duty Cycle NVNT ac80 5775MHz Ant5



Duty Cycle NVNT ac80 5775MHz Ant6