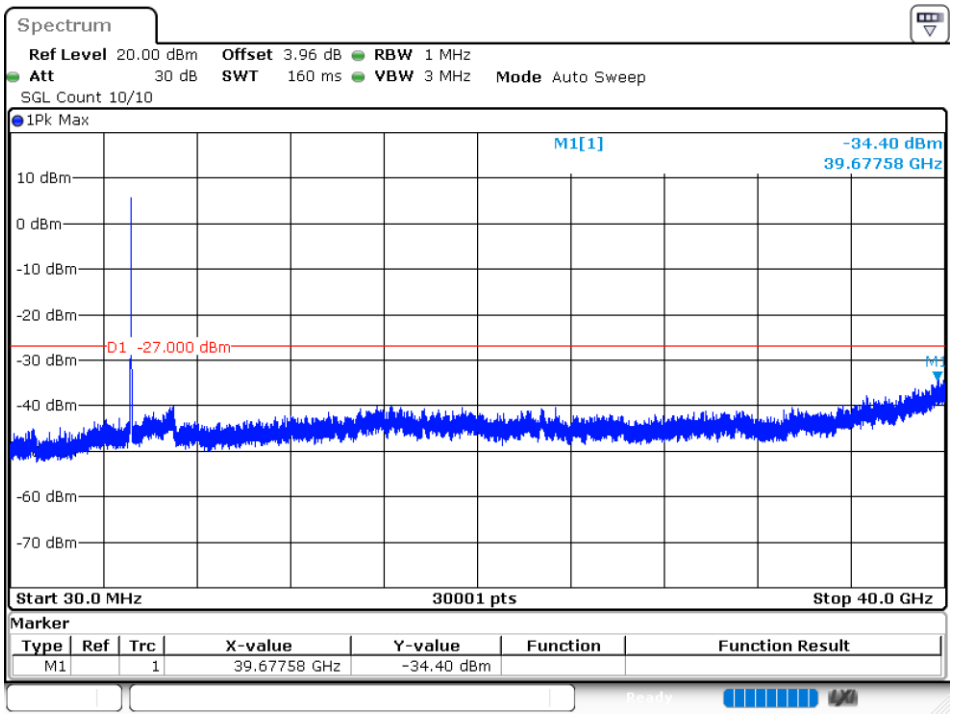
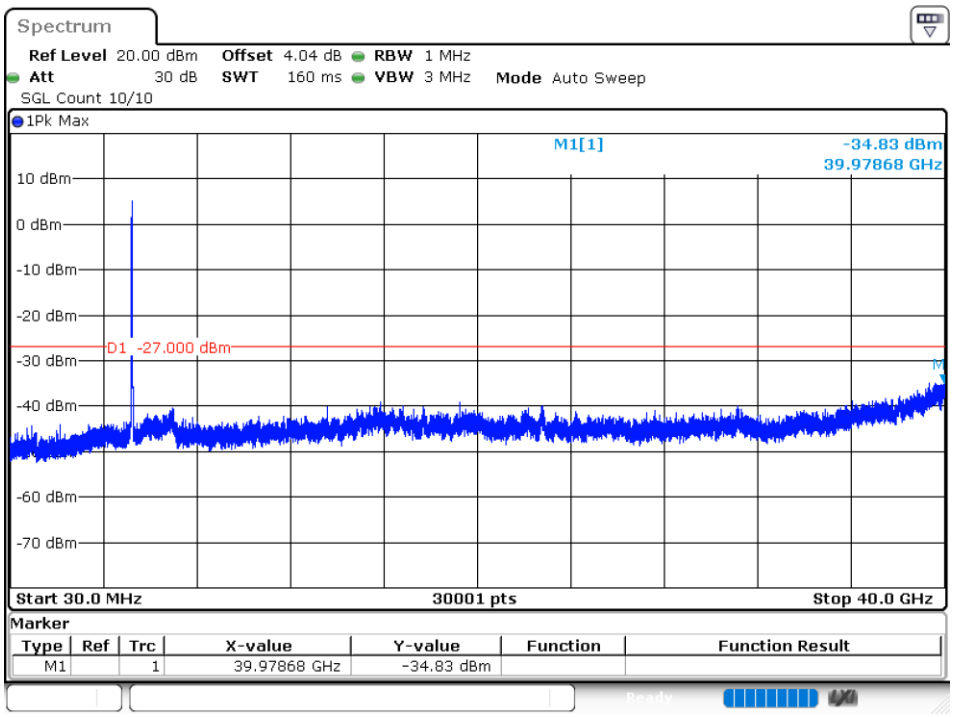
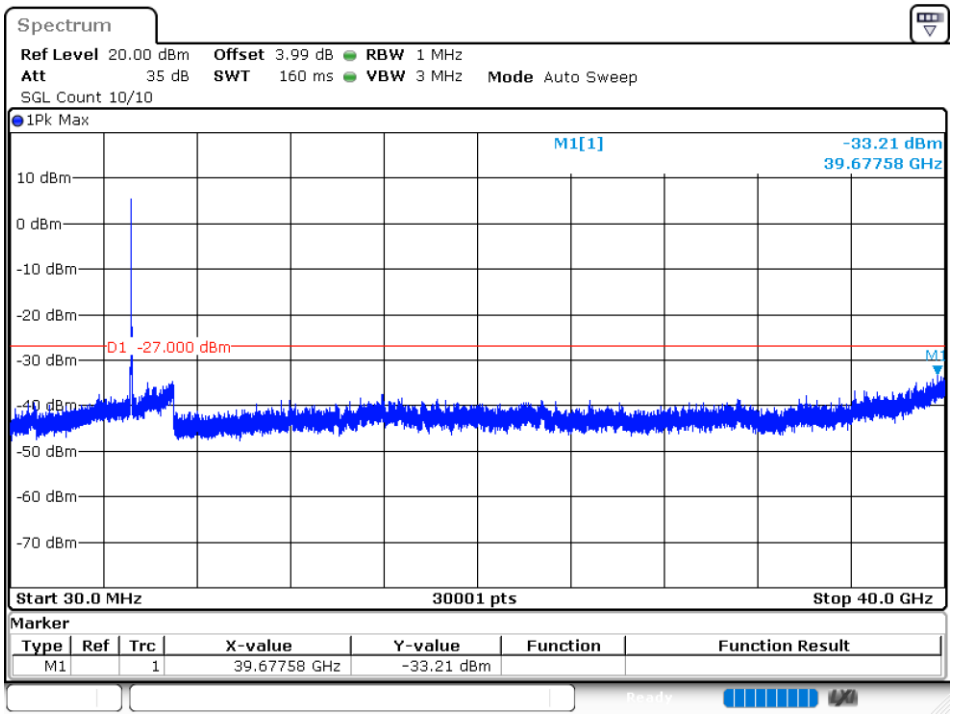
Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



Tx. Spurious NVNT ac40 5190MHz Ant2 Emission



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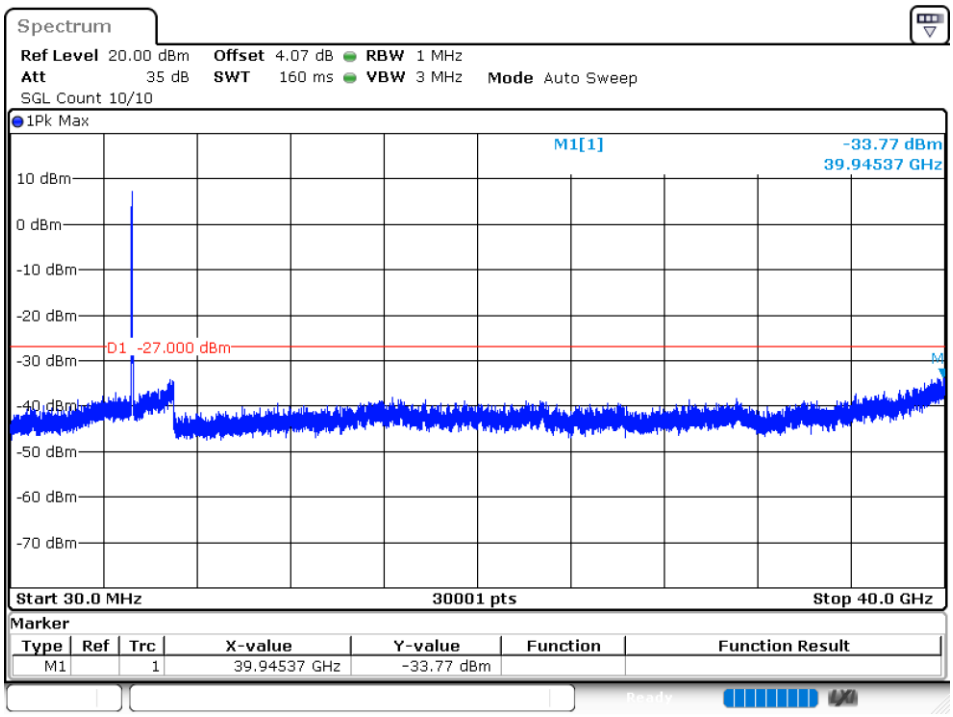
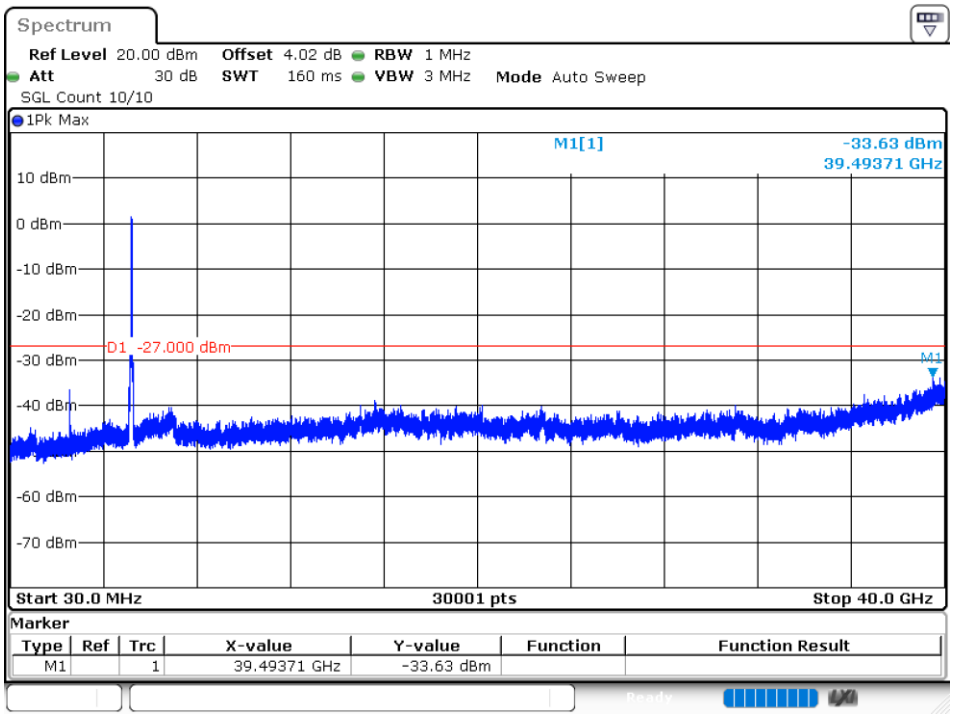
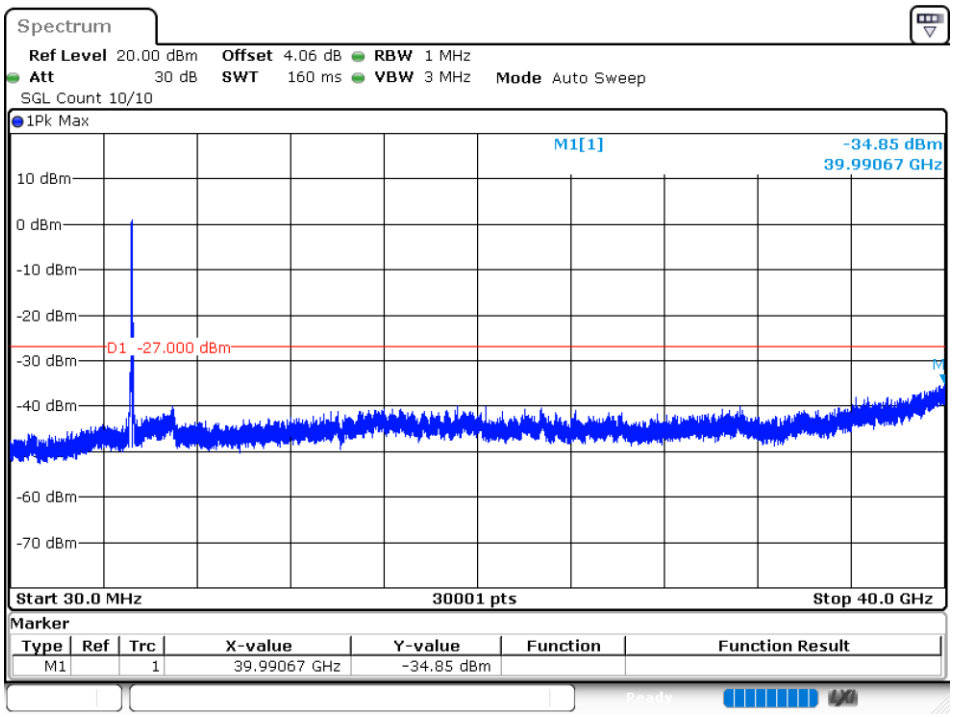


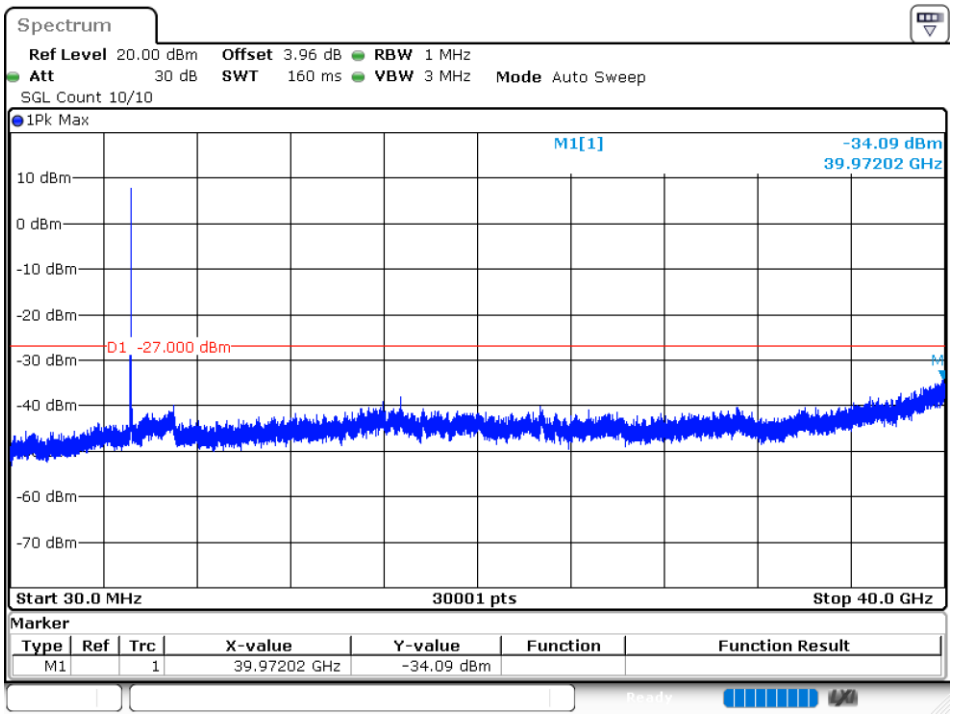
Tx. Spurious NVNT ac80 5210MHz Ant1 Emission



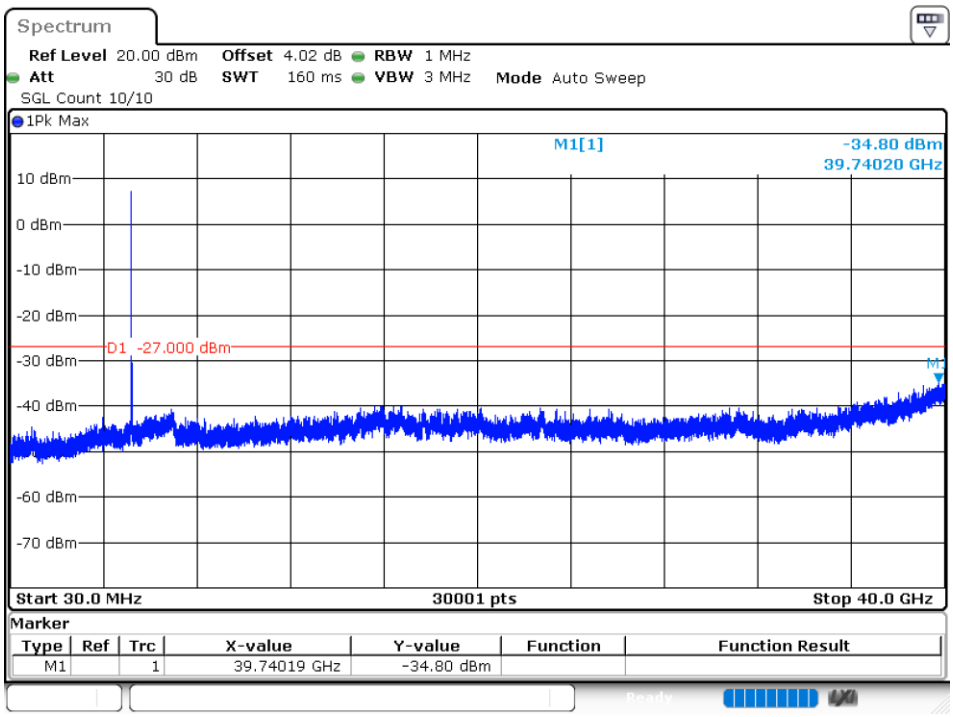
Tx. Spurious NVNT ac80 5210MHz Ant2 Emission



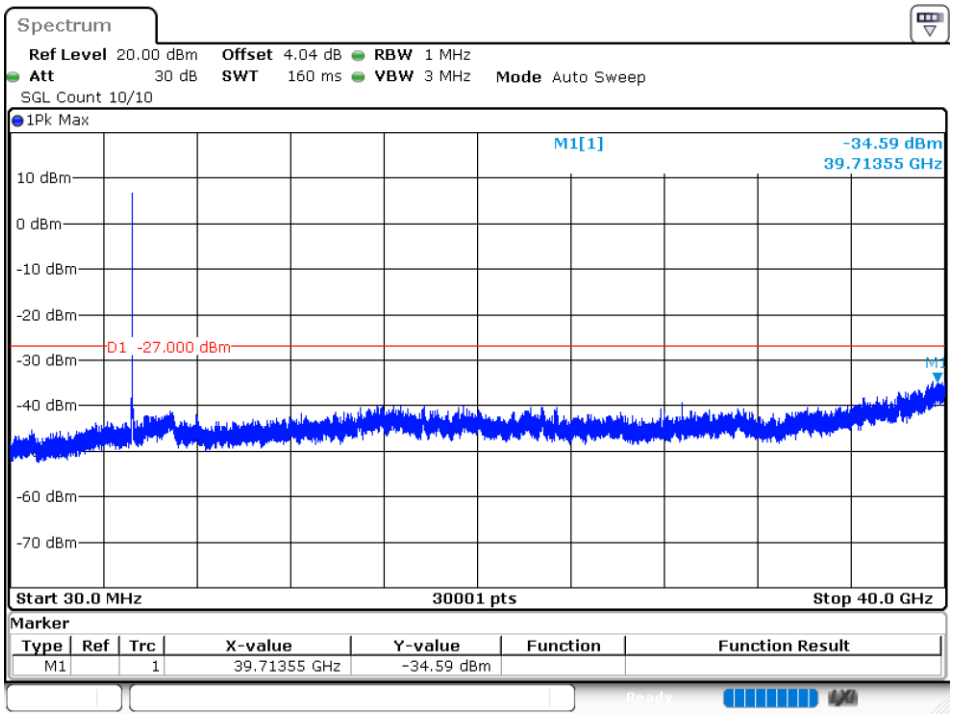
Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



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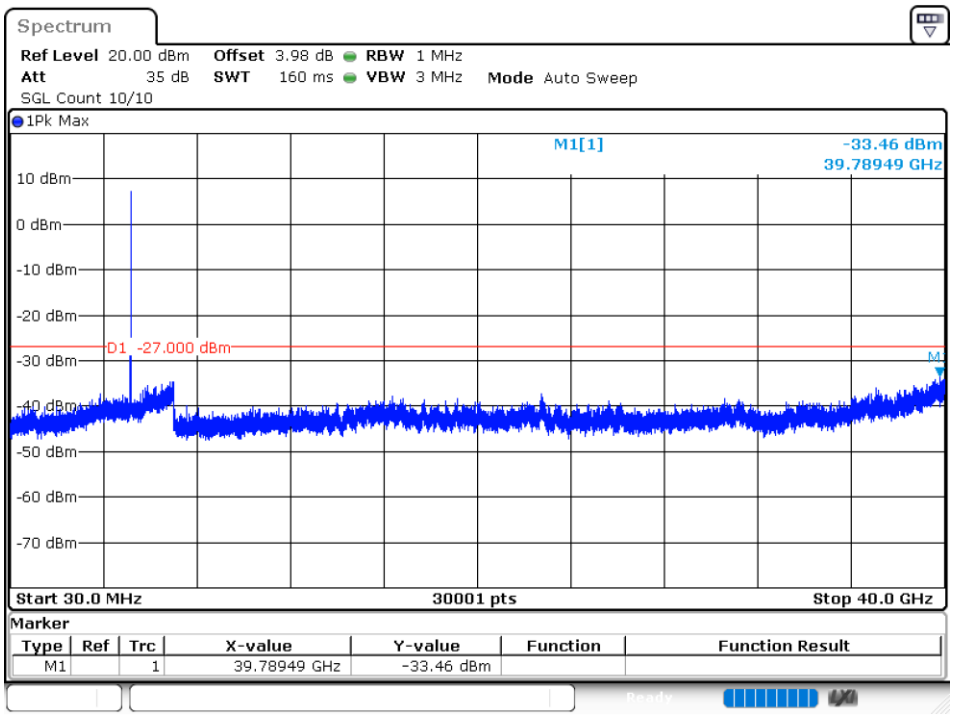

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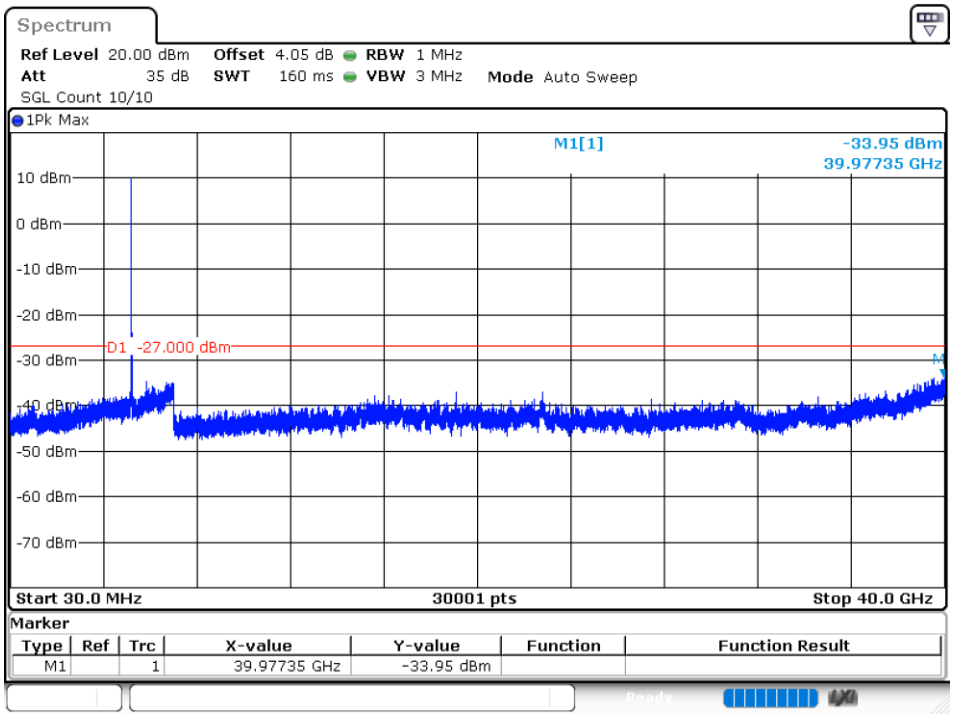

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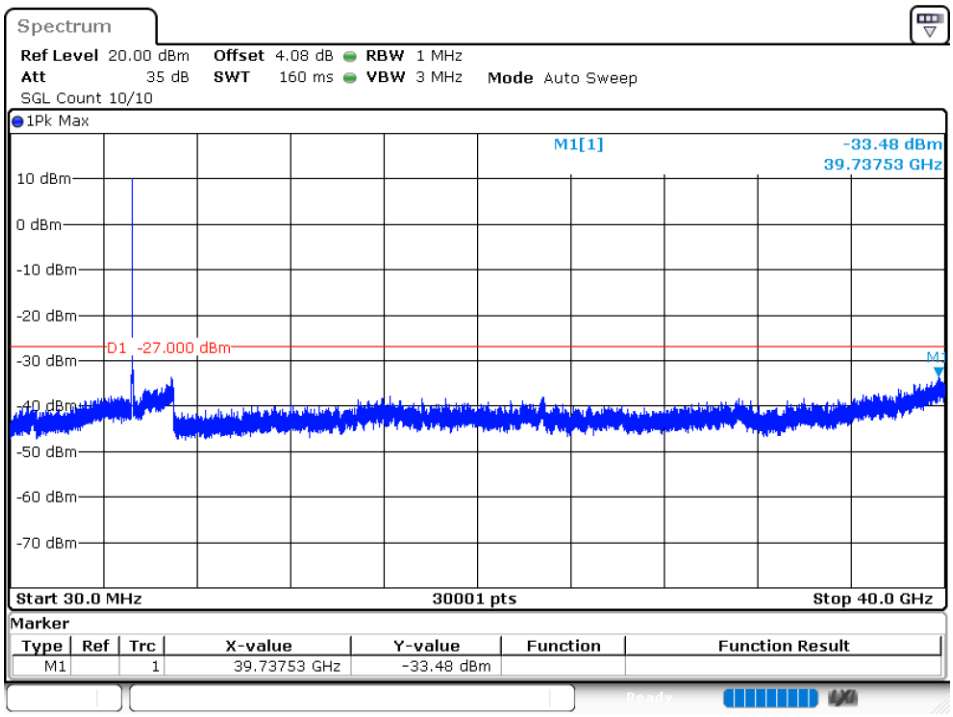

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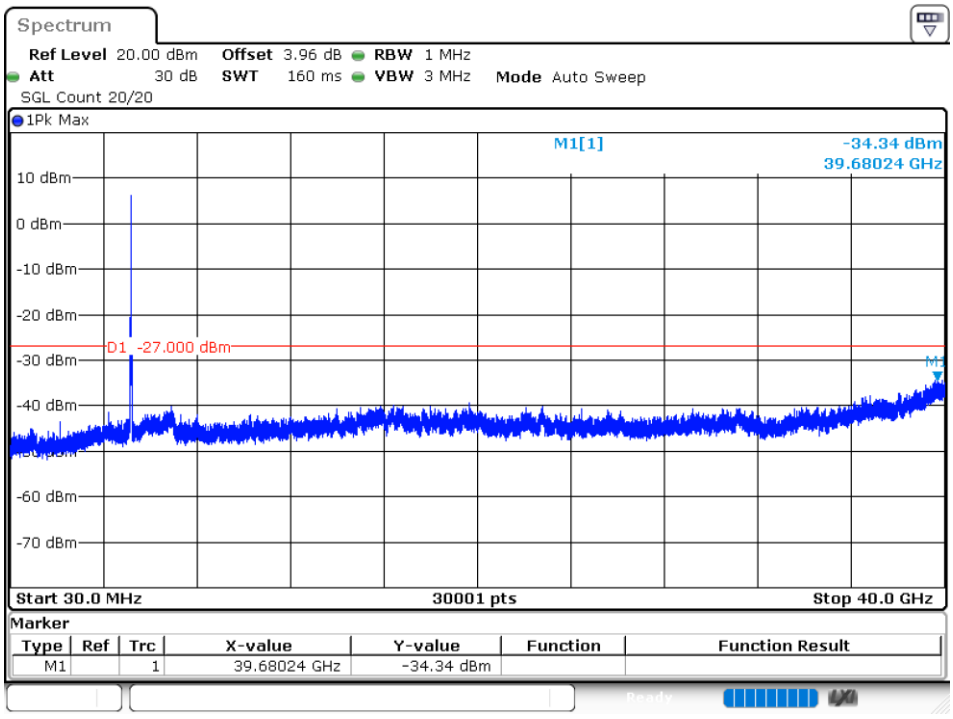

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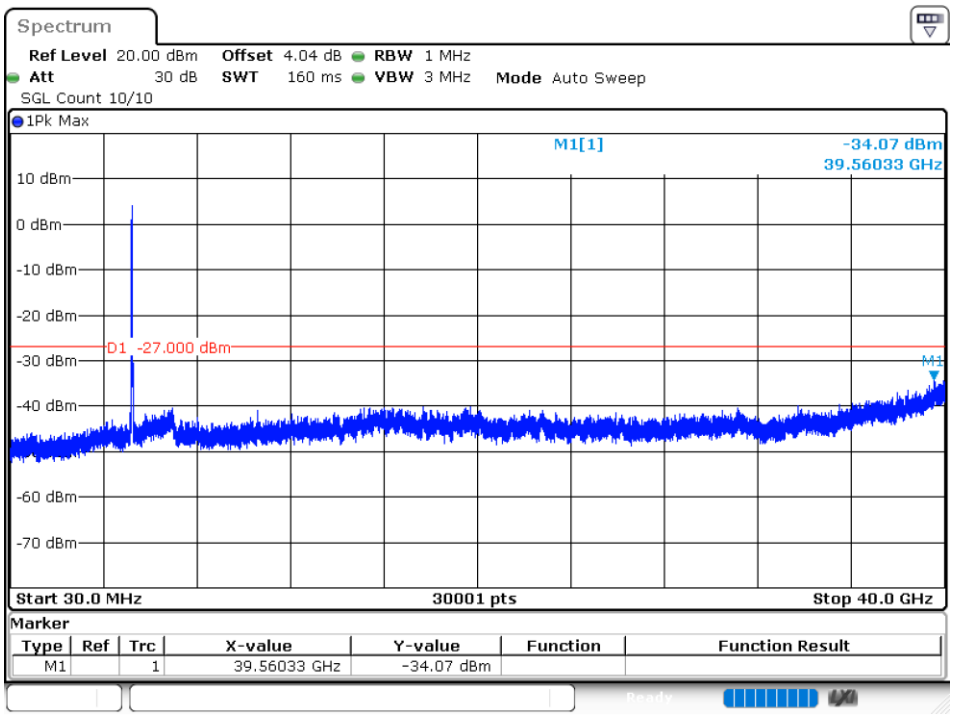

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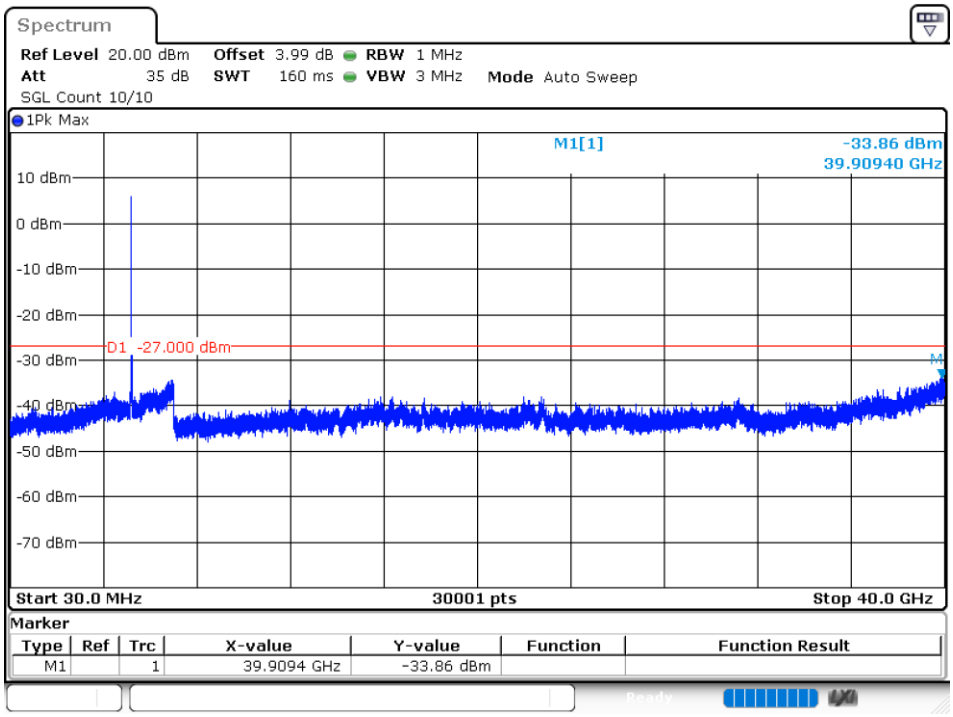
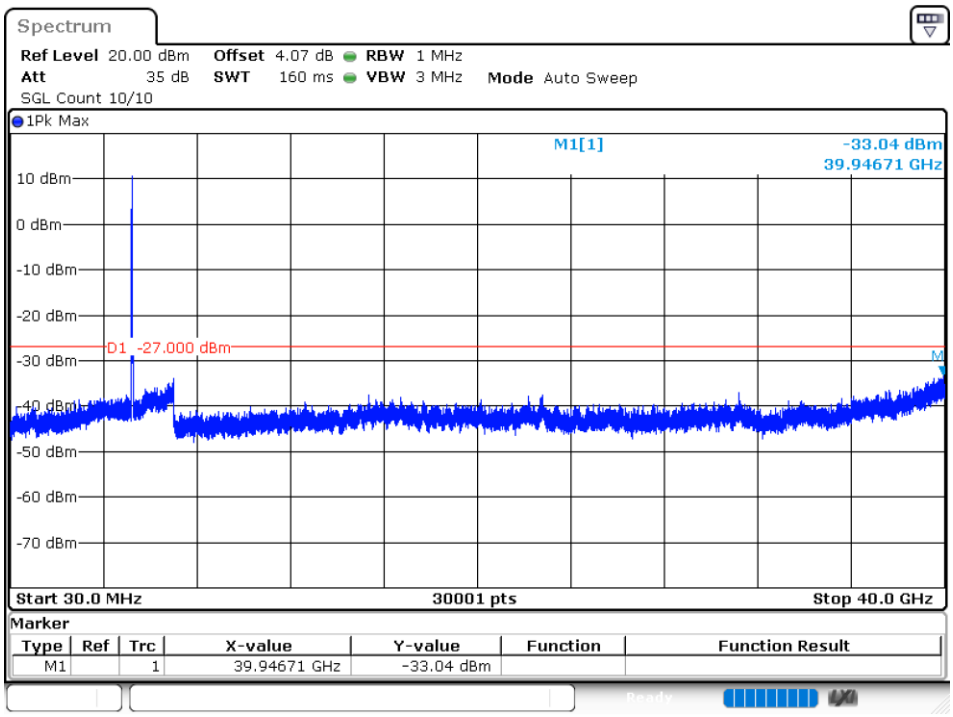
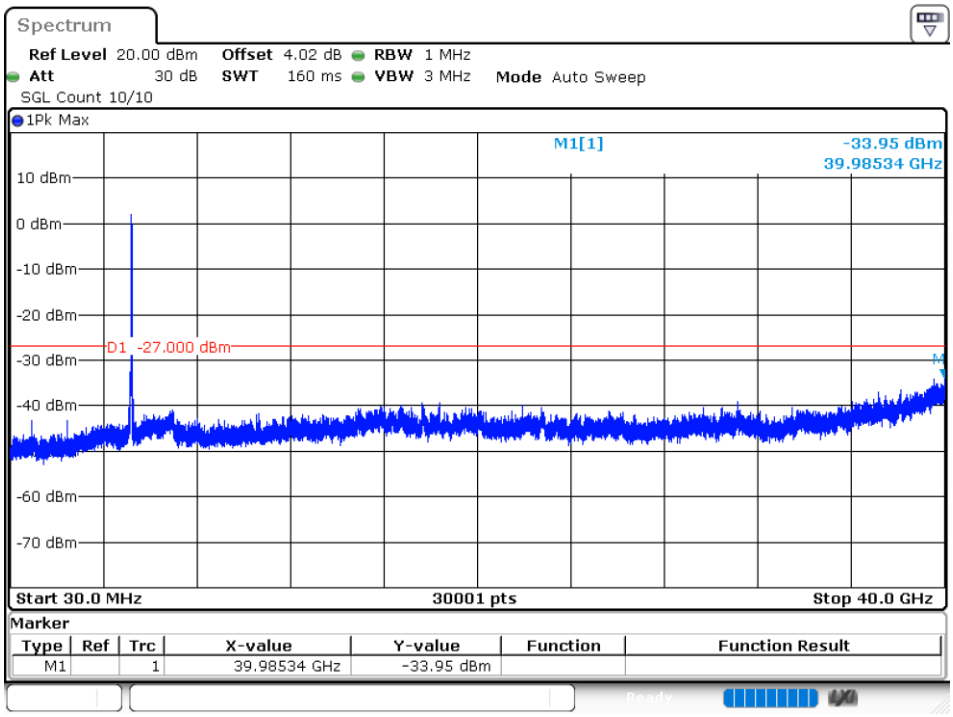


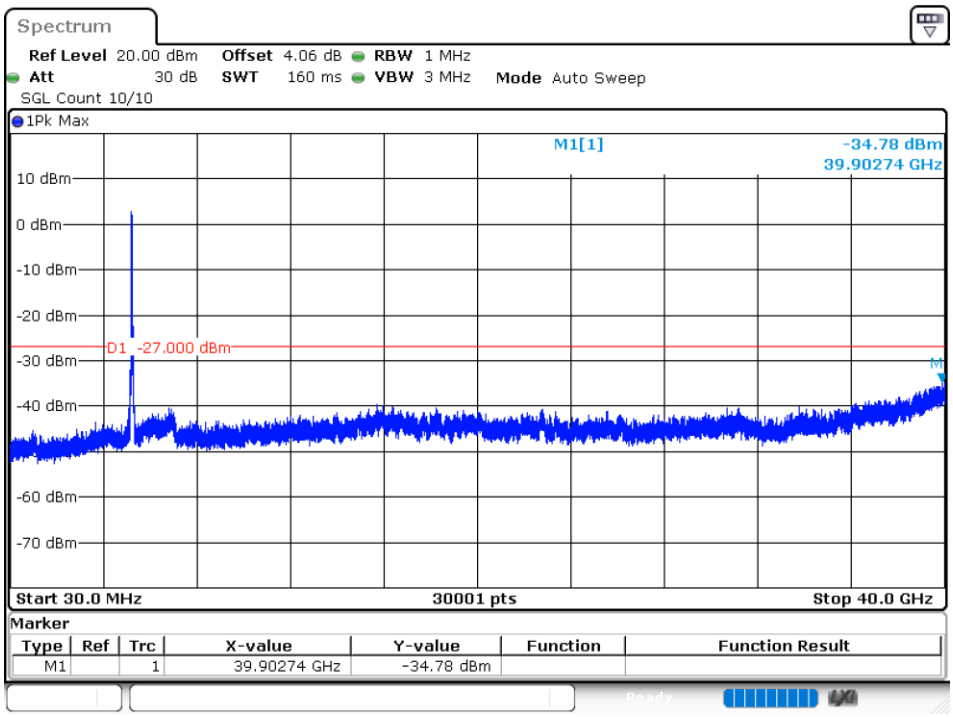
Tx. Spurious NVNT ax40 5230MHz Ant2 Emission



Tx. Spurious NVNT ax80 5210MHz Ant1 Emission



Tx. Spurious NVNT ax80 5210MHz Ant2 Emission

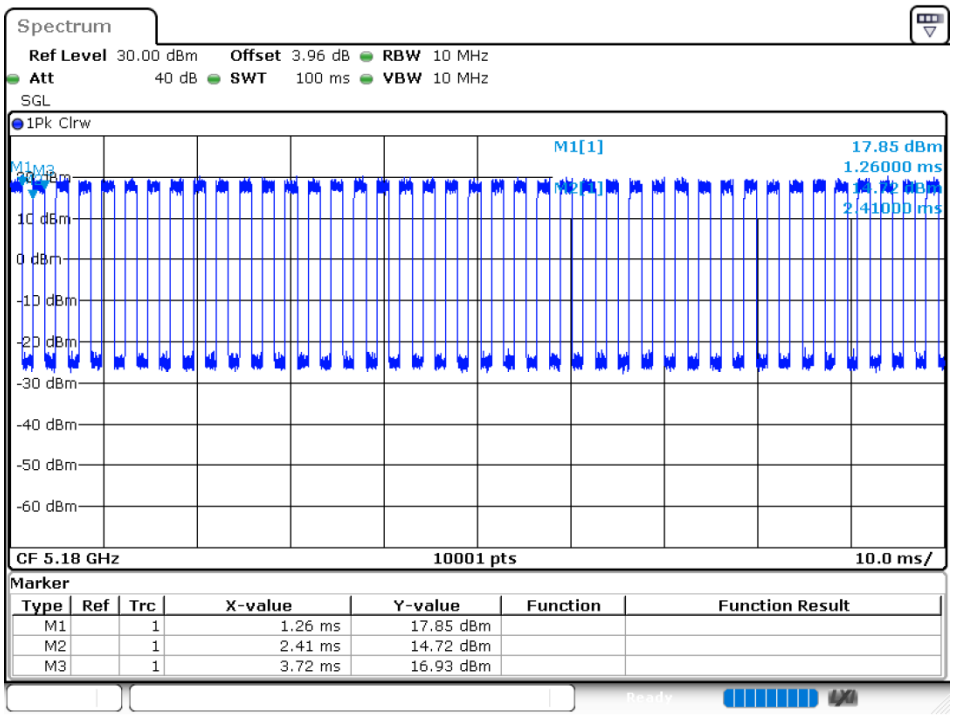


WIFI 5.2G MIMO:

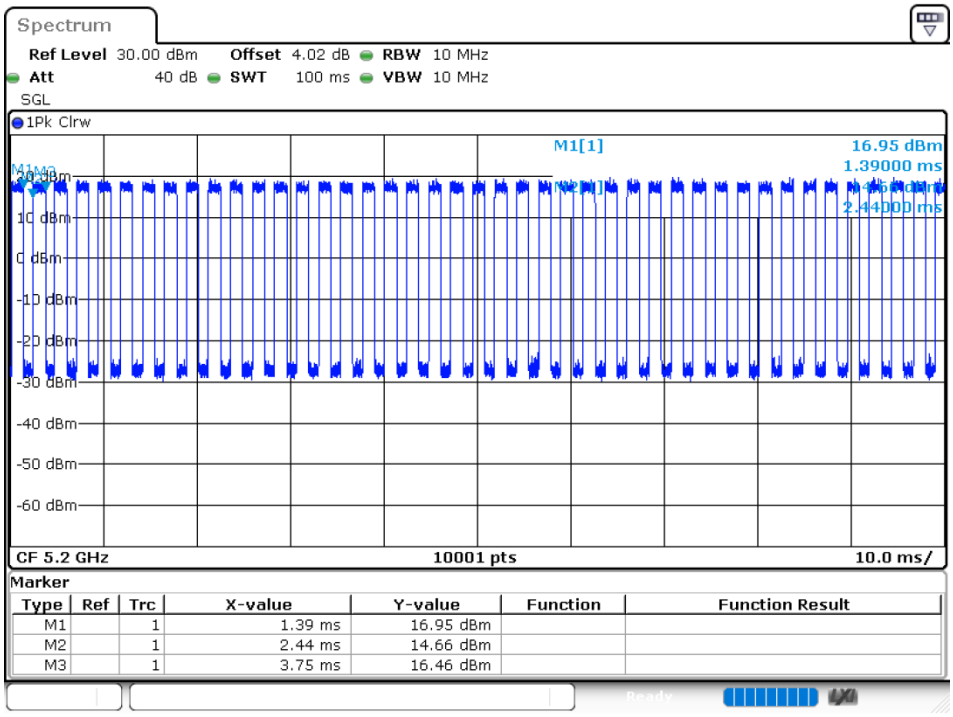
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ac20	5180	Sum	54.01	2.67	0.76
NVNT	ac20	5200	Sum	56.44	2.48	0.76
NVNT	ac20	5240	Sum	53.93	2.68	0.76
NVNT	ac40	5190	Sum	37.71	4.24	1.54
NVNT	ac40	5230	Sum	38.09	4.19	1.54
NVNT	ac80	5210	Sum	22.71	6.44	3.03
NVNT	ax20	5180	Sum	49.87	3.02	0.99
NVNT	ax20	5200	Sum	47.87	3.2	∞
NVNT	ax20	5240	Sum	47.64	3.22	0.99
NVNT	ax40	5190	Sum	33.24	4.78	1.89
NVNT	ax40	5230	Sum	33.03	4.81	∞
NVNT	ax80	5210	Sum	21.78	6.62	∞
NVNT	n20	5180	Sum	54.97	2.6	0.77
NVNT	n20	5200	Sum	52.39	2.81	0.77
NVNT	n20	5240	Sum	52.39	2.81	0.77
NVNT	n40	5190	Sum	35.99	4.44	1.56
NVNT	n40	5230	Sum	35.98	4.44	1.54

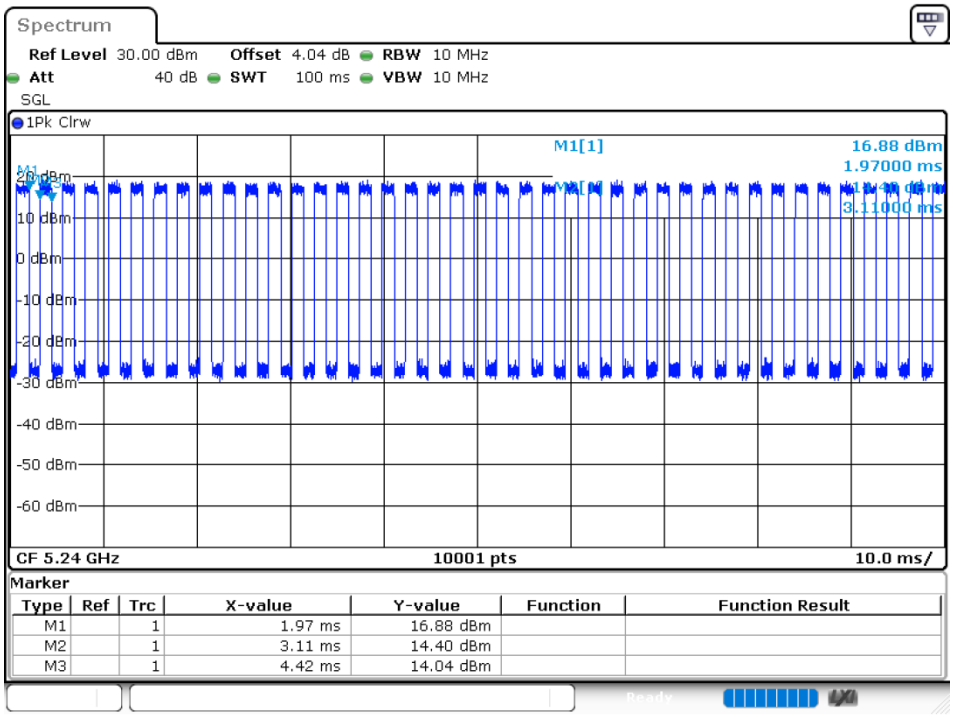
Test Graphs
Duty Cycle NVNT ac20 5180MHz Sum



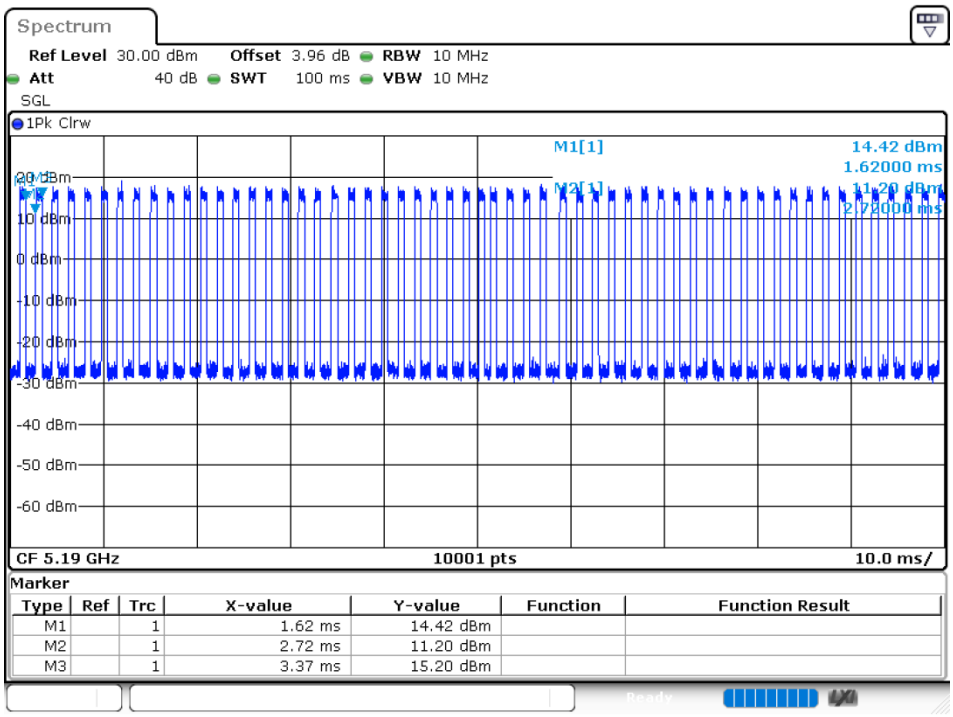
Duty Cycle NVNT ac20 5200MHz Sum



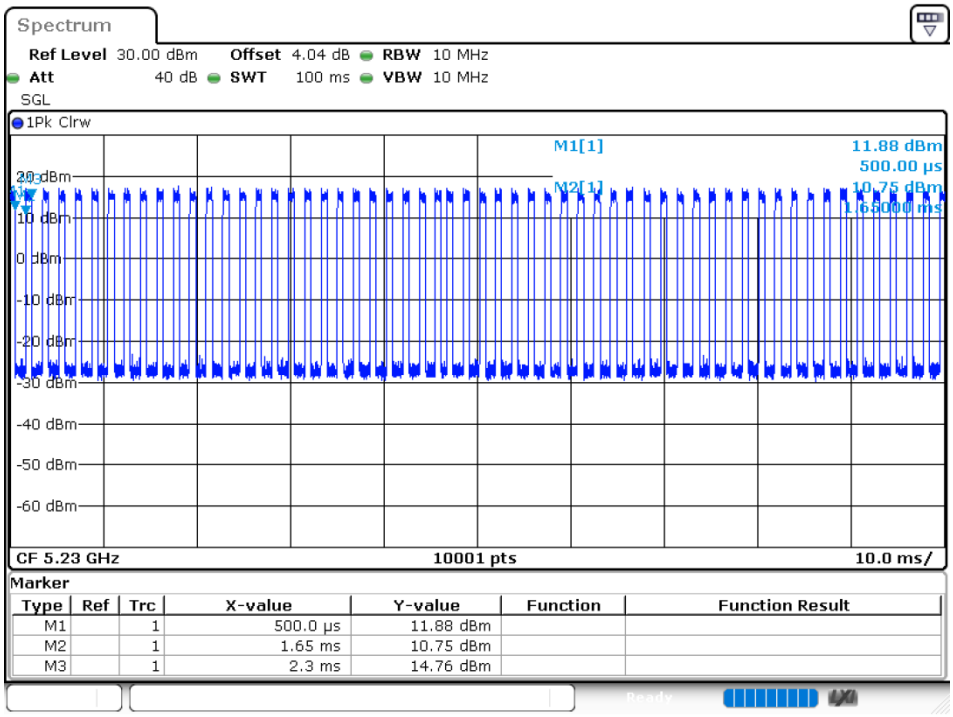
Duty Cycle NVNT ac20 5240MHz Sum



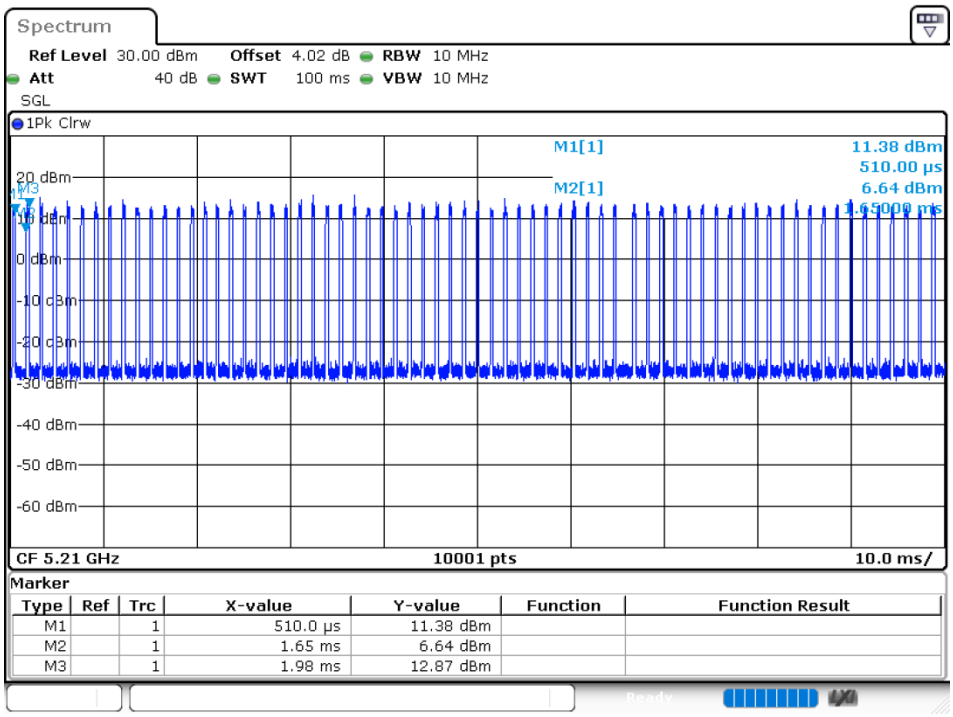
Duty Cycle NVNT ac40 5190MHz Sum



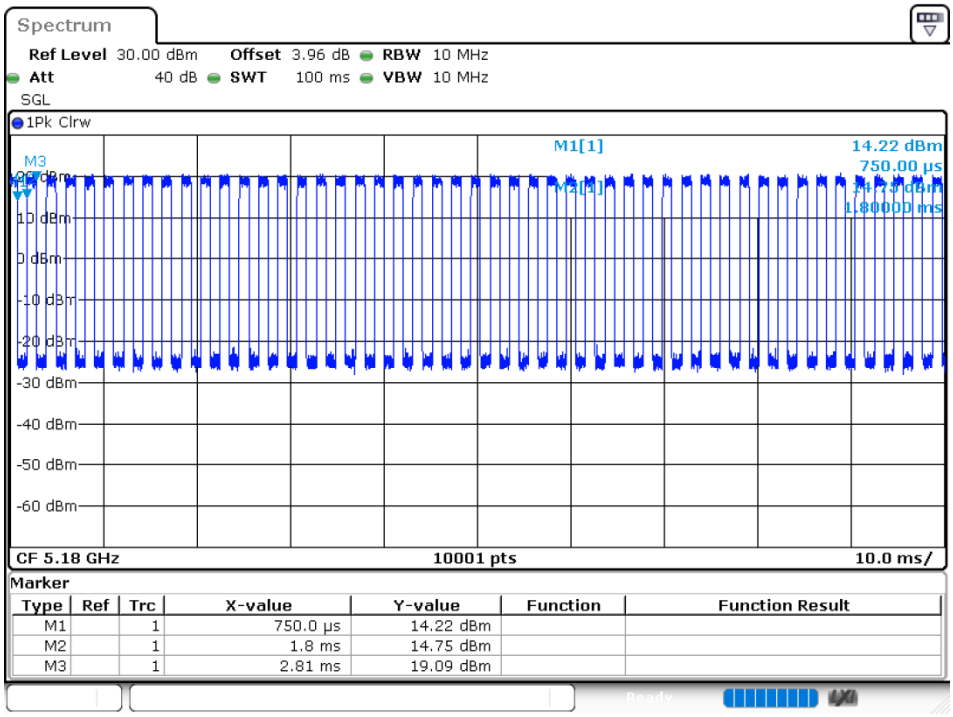
Duty Cycle NVNT ac40 5230MHz Sum



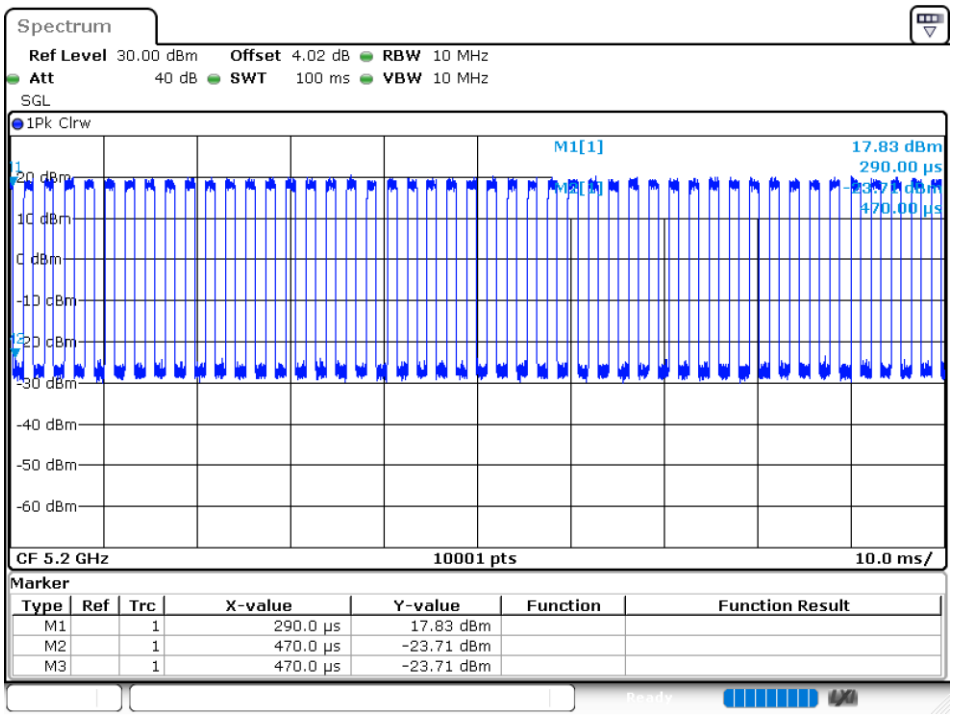
Duty Cycle NVNT ac80 5210MHz Sum



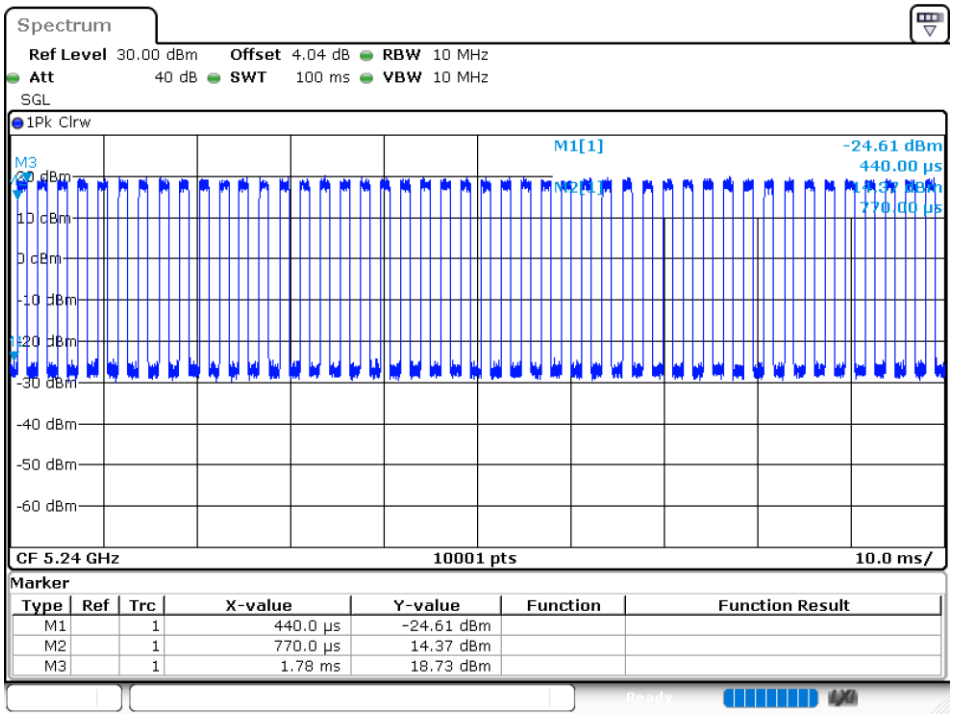
Duty Cycle NVNT ax20 5180MHz Sum



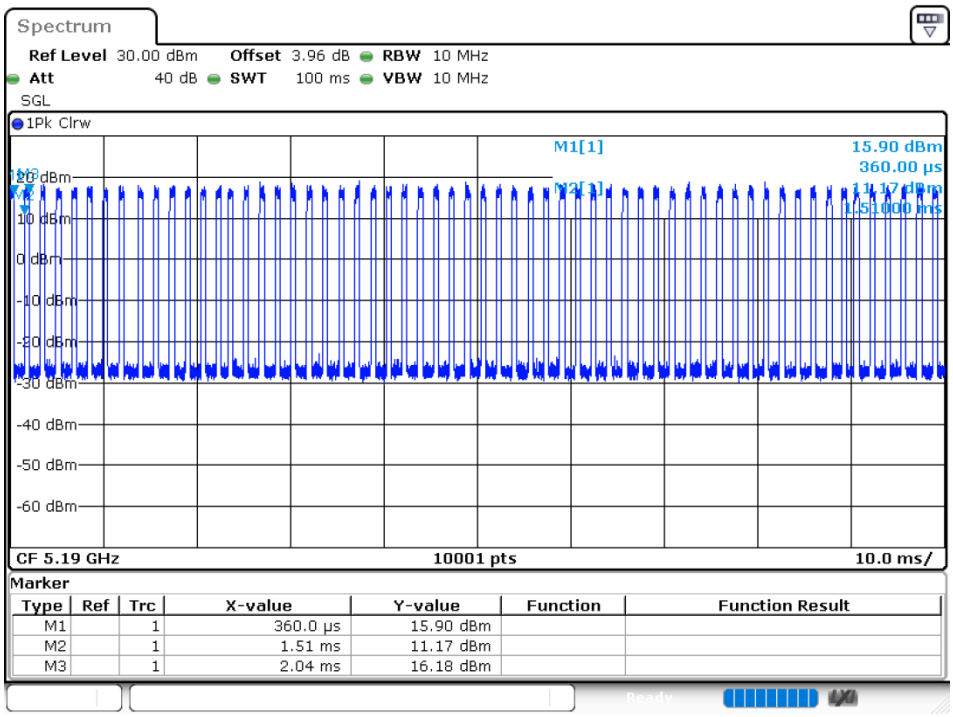
Duty Cycle NVNT ax20 5200MHz Sum



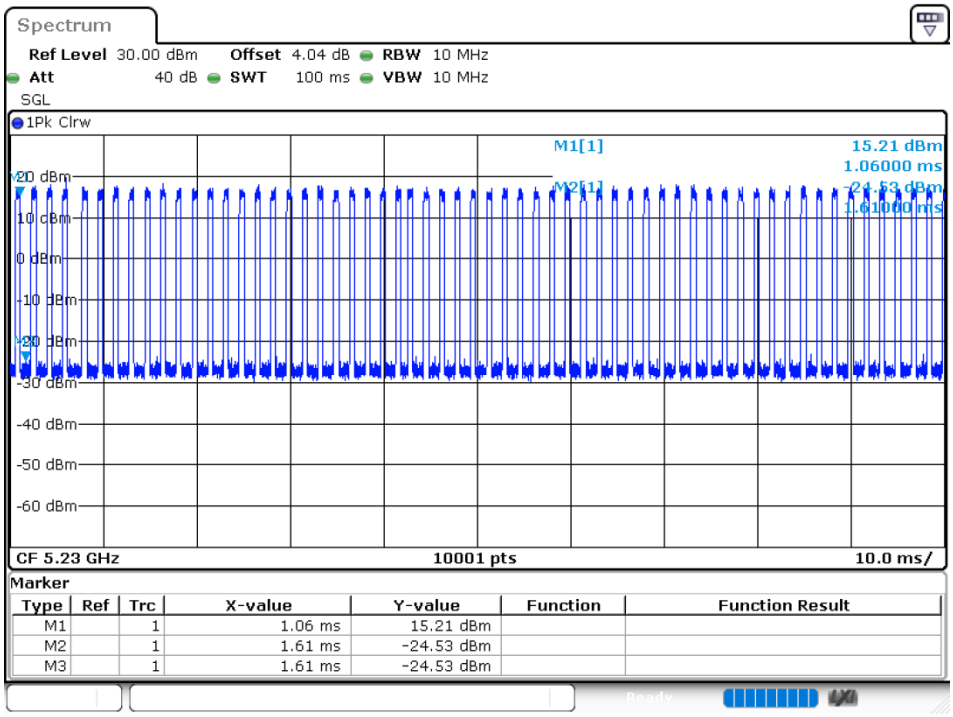
Duty Cycle NVNT ax20 5240MHz Sum



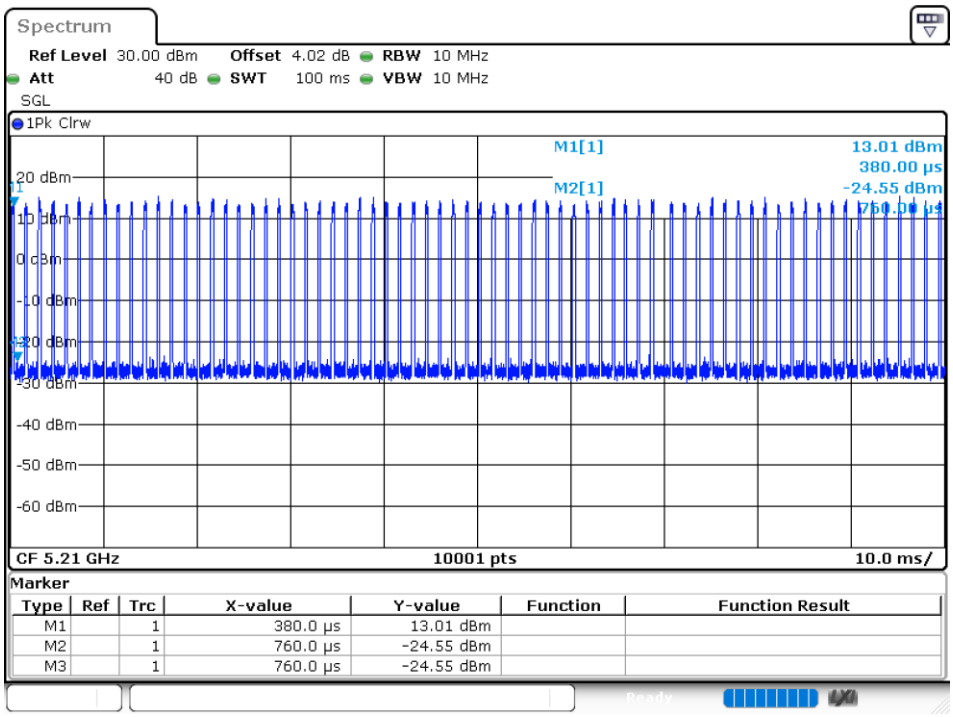
Duty Cycle NVNT ax40 5190MHz Sum



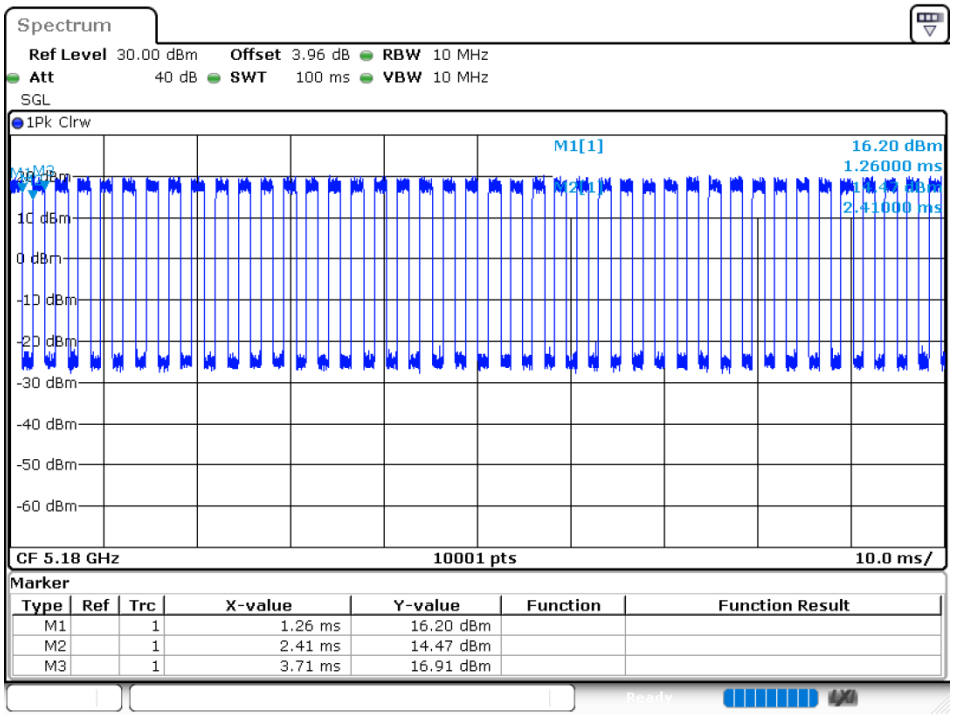
Duty Cycle NVNT ax40 5230MHz Sum



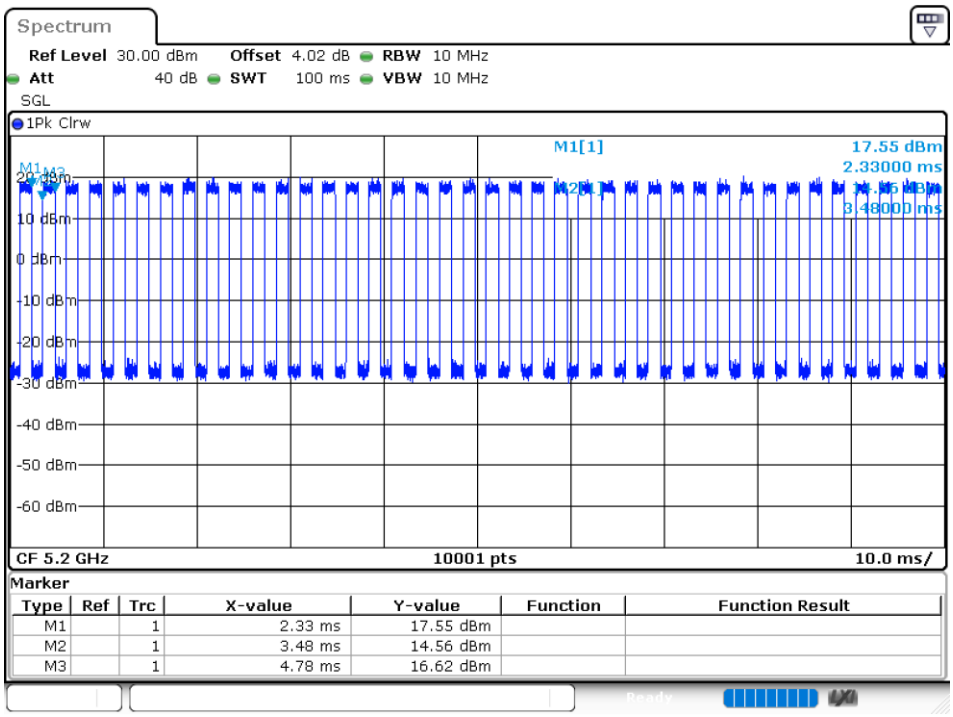
Duty Cycle NVNT ax80 5210MHz Sum



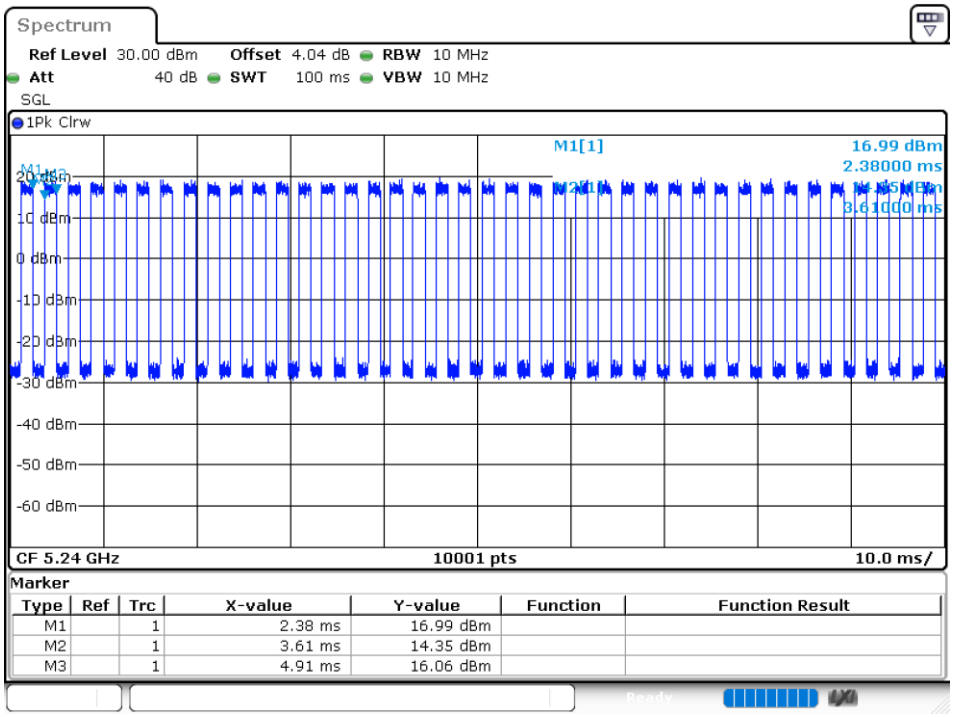
Duty Cycle NVNT n20 5180MHz Sum



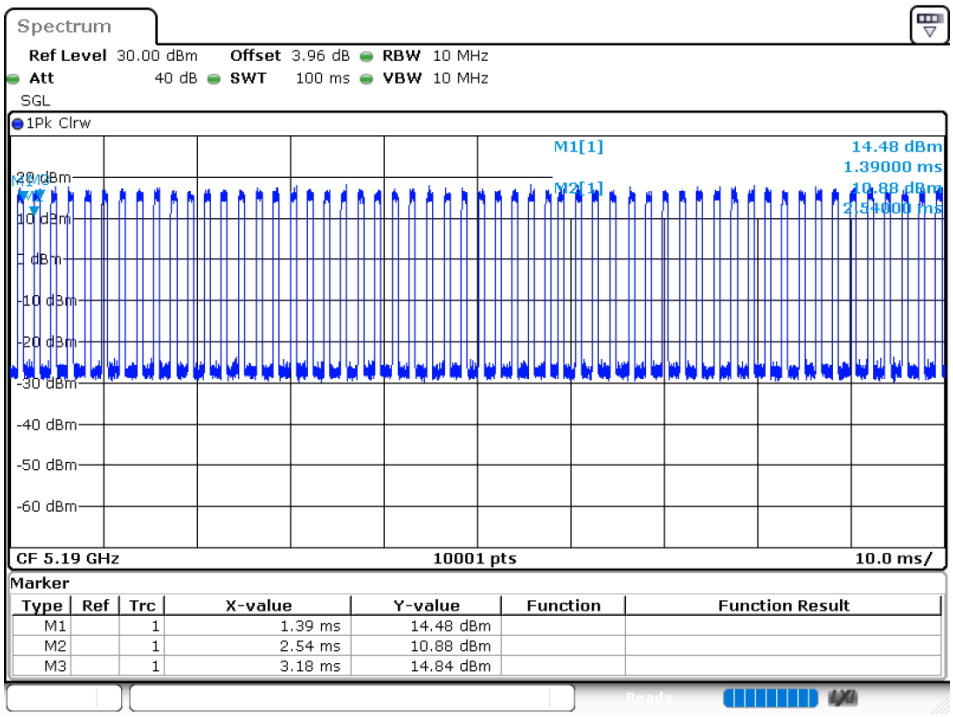
Duty Cycle NVNT n20 5200MHz Sum



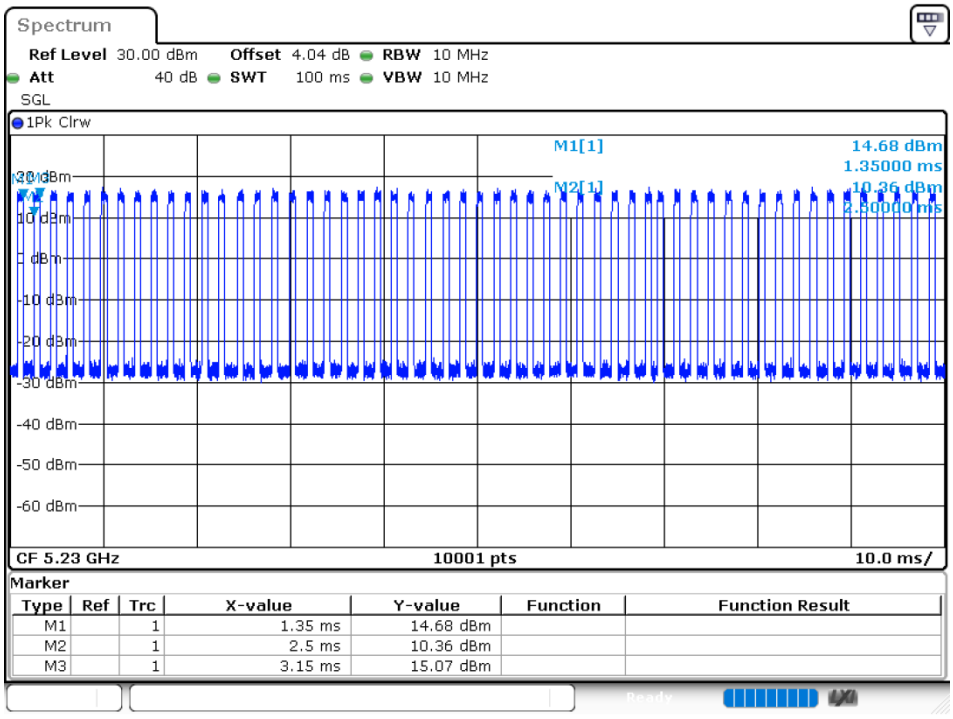
Duty Cycle NVNT n20 5240MHz Sum



Duty Cycle NVNT n40 5190MHz Sum



Duty Cycle NVNT n40 5230MHz Sum



Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	ac20	5180	Ant1	14.42	21.82	Pass
NVNT	ac20	5180	Ant2	12.96	21.82	Pass
NVNT	ac20	5180	Sum	16.76	21.82	Pass
NVNT	ac20	5200	Ant1	14.37	21.82	Pass
NVNT	ac20	5200	Ant2	13.72	21.82	Pass
NVNT	ac20	5200	Sum	17.07	21.82	Pass
NVNT	ac20	5240	Ant1	13.27	21.82	Pass
NVNT	ac20	5240	Ant2	15.37	21.82	Pass
NVNT	ac20	5240	Sum	17.46	21.82	Pass
NVNT	ac40	5190	Ant1	14.78	21.82	Pass
NVNT	ac40	5190	Ant2	13.61	21.82	Pass
NVNT	ac40	5190	Sum	17.24	21.82	Pass
NVNT	ac40	5230	Ant1	13.9	21.82	Pass
NVNT	ac40	5230	Ant2	15.01	21.82	Pass
NVNT	ac40	5230	Sum	17.5	21.82	Pass
NVNT	ac80	5210	Ant1	14.07	21.82	Pass
NVNT	ac80	5210	Ant2	14.06	21.82	Pass
NVNT	ac80	5210	Sum	17.08	21.82	Pass
NVNT	ax20	5180	Ant1	14.98	21.82	Pass
NVNT	ax20	5180	Ant2	13.14	21.82	Pass
NVNT	ax20	5180	Sum	17.17	21.82	Pass
NVNT	ax20	5200	Ant1	14.78	21.82	Pass
NVNT	ax20	5200	Ant2	14.15	21.82	Pass
NVNT	ax20	5200	Sum	17.49	21.82	Pass
NVNT	ax20	5240	Ant1	13.68	21.82	Pass
NVNT	ax20	5240	Ant2	15.6	21.82	Pass
NVNT	ax20	5240	Sum	17.76	21.82	Pass
NVNT	ax40	5190	Ant1	14.87	21.82	Pass
NVNT	ax40	5190	Ant2	13.75	21.82	Pass
NVNT	ax40	5190	Sum	17.36	21.82	Pass
NVNT	ax40	5230	Ant1	14.42	21.82	Pass
NVNT	ax40	5230	Ant2	15.41	21.82	Pass
NVNT	ax40	5230	Sum	17.95	21.82	Pass
NVNT	ax80	5210	Ant1	14.34	21.82	Pass
NVNT	ax80	5210	Ant2	14.45	21.82	Pass
NVNT	ax80	5210	Sum	17.41	21.82	Pass
NVNT	n20	5180	Ant1	14.29	21.82	Pass
NVNT	n20	5180	Ant2	12.67	21.82	Pass
NVNT	n20	5180	Sum	16.57	21.82	Pass
NVNT	n20	5200	Ant1	14.43	21.82	Pass

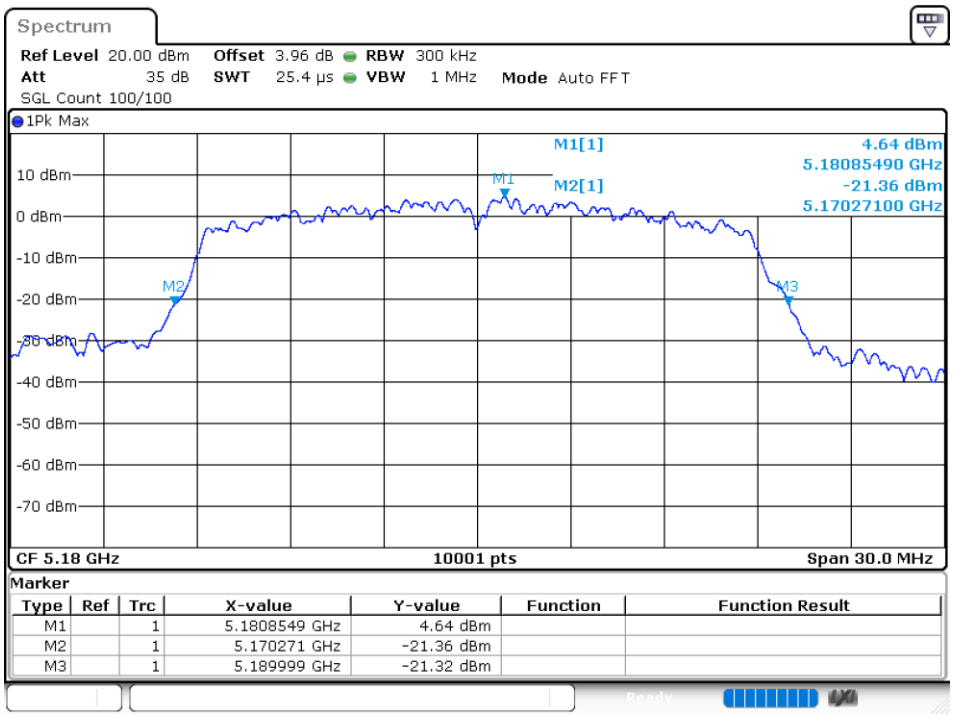
NVNT	n20	5200	Ant2	13.48	21.82	Pass
NVNT	n20	5200	Sum	16.99	21.82	Pass
NVNT	n20	5240	Ant1	13.16	21.82	Pass
NVNT	n20	5240	Ant2	15.1	21.82	Pass
NVNT	n20	5240	Sum	17.25	21.82	Pass
NVNT	n40	5190	Ant1	14.5	21.82	Pass
NVNT	n40	5190	Ant2	13.28	21.82	Pass
NVNT	n40	5190	Sum	16.94	21.82	Pass
NVNT	n40	5230	Ant1	13.66	21.82	Pass
NVNT	n40	5230	Ant2	14.89	21.82	Pass
NVNT	n40	5230	Sum	17.33	21.82	Pass

-26dB Bandwidth

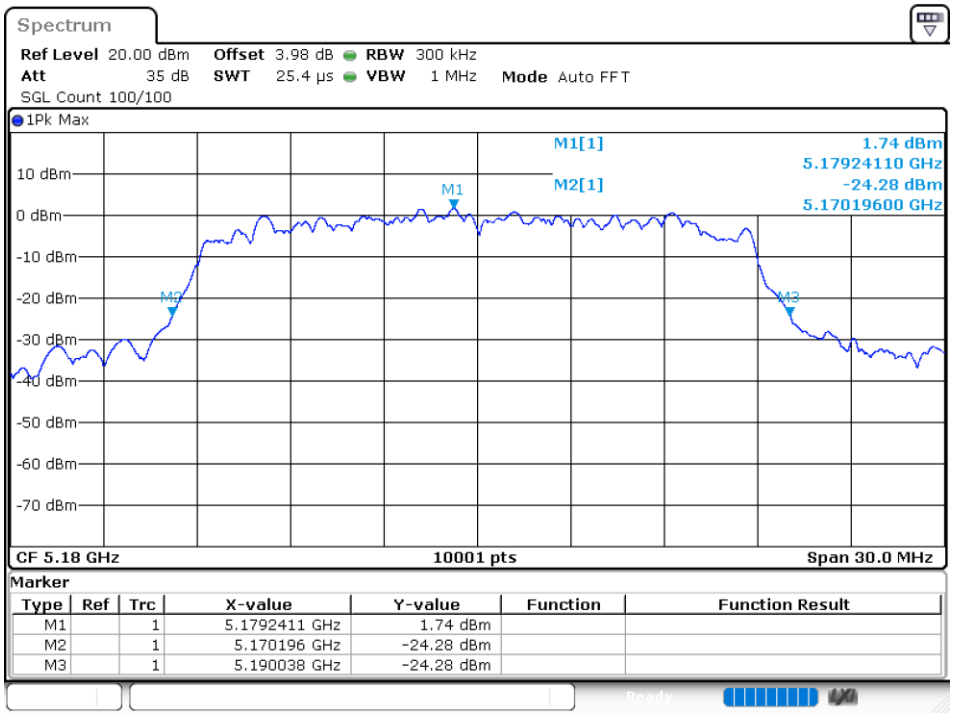
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	ac20	5180	Ant1	19.728	0.5	Pass
NVNT	ac20	5180	Ant2	19.842	0.5	Pass
NVNT	ac20	5200	Ant1	20.091	0.5	Pass
NVNT	ac20	5200	Ant2	19.668	0.5	Pass
NVNT	ac20	5240	Ant1	20.118	0.5	Pass
NVNT	ac20	5240	Ant2	20.016	0.5	Pass
NVNT	ac40	5190	Ant1	43.8	0.5	Pass
NVNT	ac40	5190	Ant2	40.278	0.5	Pass
NVNT	ac40	5230	Ant1	41.25	0.5	Pass
NVNT	ac40	5230	Ant2	40.41	0.5	Pass
NVNT	ac80	5210	Ant1	88.404	0	Pass
NVNT	ac80	5210	Ant2	96.708	0	Pass
NVNT	ax20	5180	Ant1	19.872	0.5	Pass
NVNT	ax20	5180	Ant2	19.884	0.5	Pass
NVNT	ax20	5200	Ant1	19.815	0.5	Pass
NVNT	ax20	5200	Ant2	19.755	0.5	Pass
NVNT	ax20	5240	Ant1	19.731	0.5	Pass
NVNT	ax20	5240	Ant2	19.83	0.5	Pass
NVNT	ax40	5190	Ant1	43.218	0.5	Pass
NVNT	ax40	5190	Ant2	45.888	0.5	Pass
NVNT	ax40	5230	Ant1	39.708	0.5	Pass
NVNT	ax40	5230	Ant2	39.468	0.5	Pass
NVNT	ax80	5210	Ant1	80.244	0.5	Pass
NVNT	ax80	5210	Ant2	88.584	0.5	Pass
NVNT	n20	5180	Ant1	19.8	0.5	Pass
NVNT	n20	5180	Ant2	19.851	0.5	Pass
NVNT	n20	5200	Ant1	19.857	0.5	Pass
NVNT	n20	5200	Ant2	20.064	0.5	Pass
NVNT	n20	5240	Ant1	20.319	0.5	Pass
NVNT	n20	5240	Ant2	20.154	0.5	Pass
NVNT	n40	5190	Ant1	48.06	0	Pass
NVNT	n40	5190	Ant2	44.676	0	Pass
NVNT	n40	5230	Ant1	45.372	0.5	Pass
NVNT	n40	5230	Ant2	44.376	0.5	Pass

Test Graphs

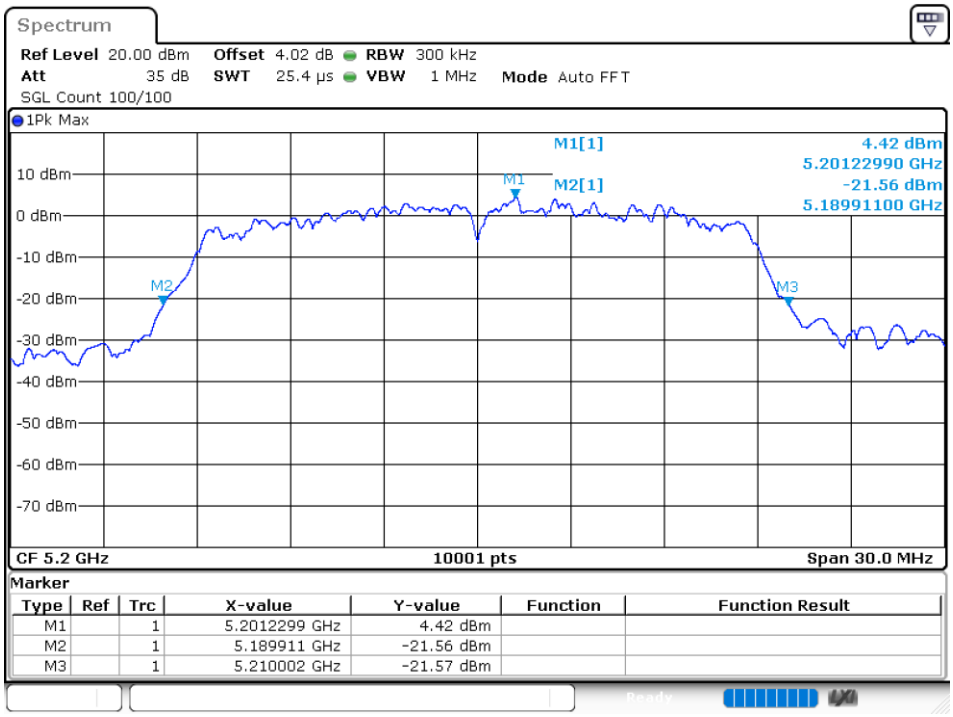
-26dB Bandwidth NVNT ac20 5180MHz Ant1



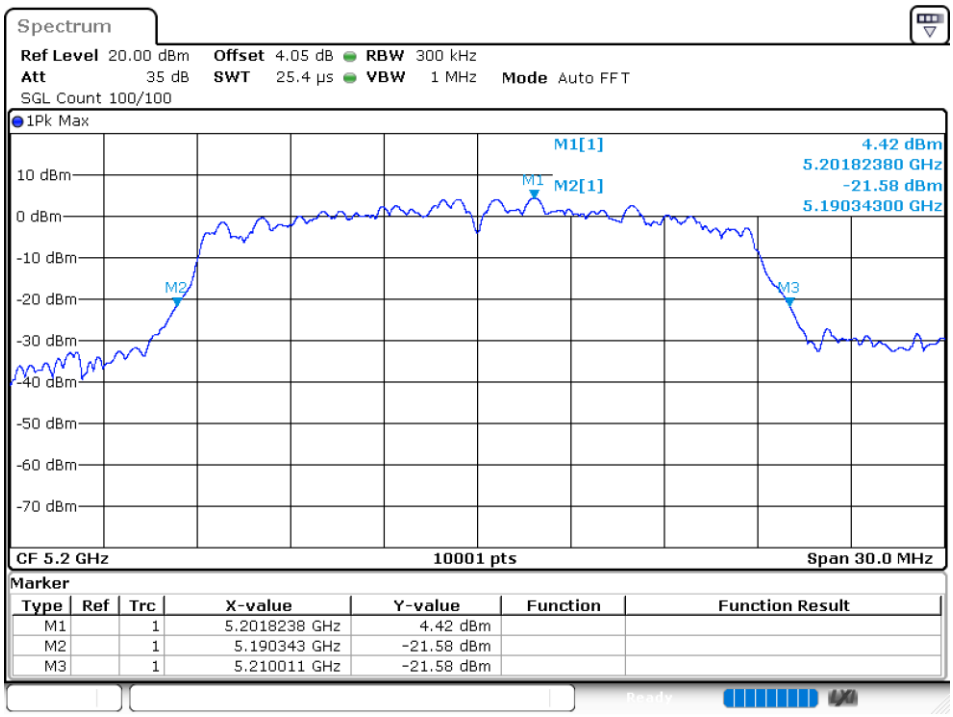
-26dB Bandwidth NVNT ac20 5180MHz Ant2



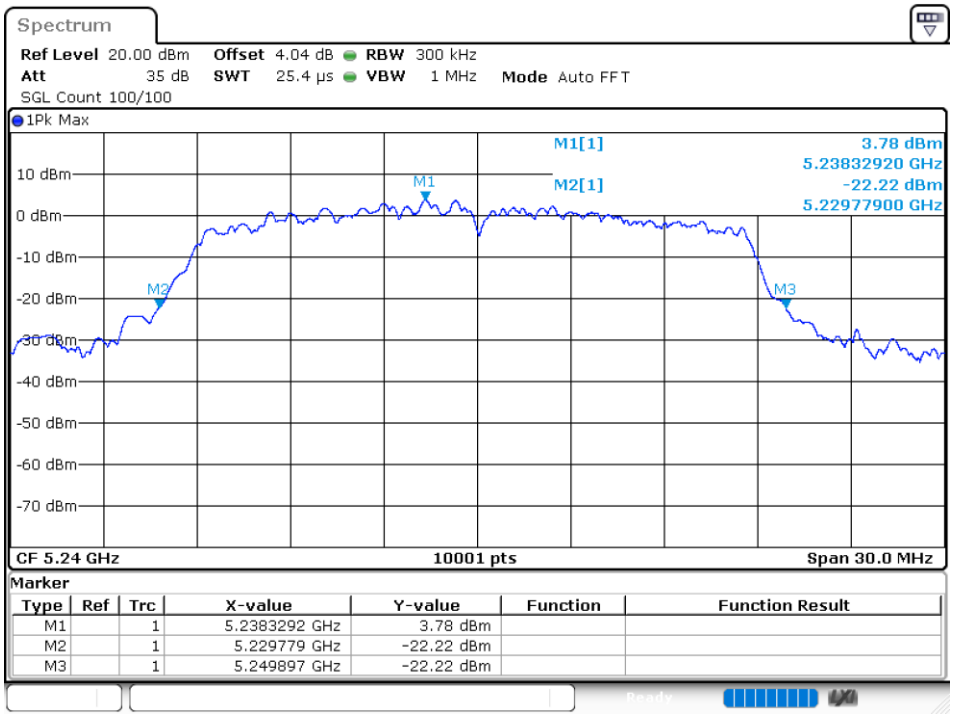
-26dB Bandwidth NVNT ac20 5200MHz Ant1



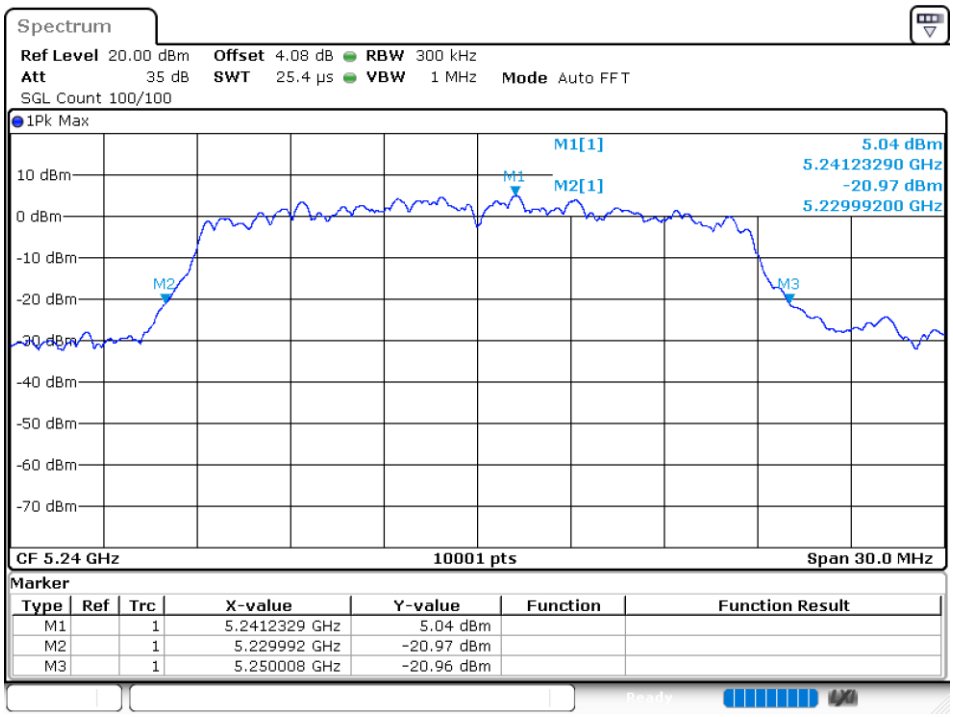
-26dB Bandwidth NVNT ac20 5200MHz Ant2



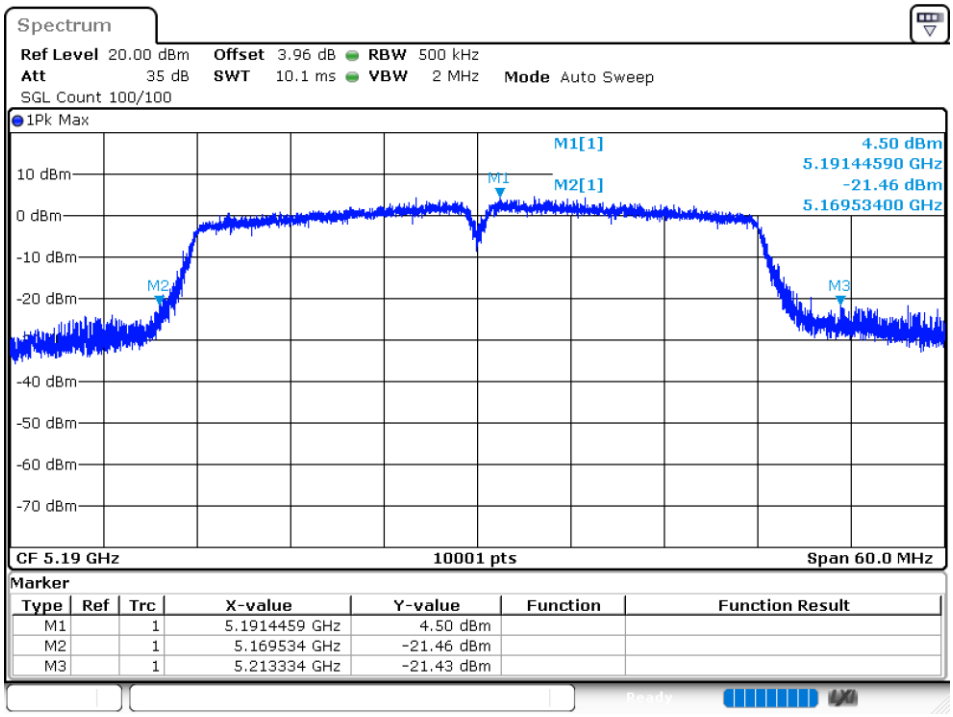
-26dB Bandwidth NVNT ac20 5240MHz Ant1



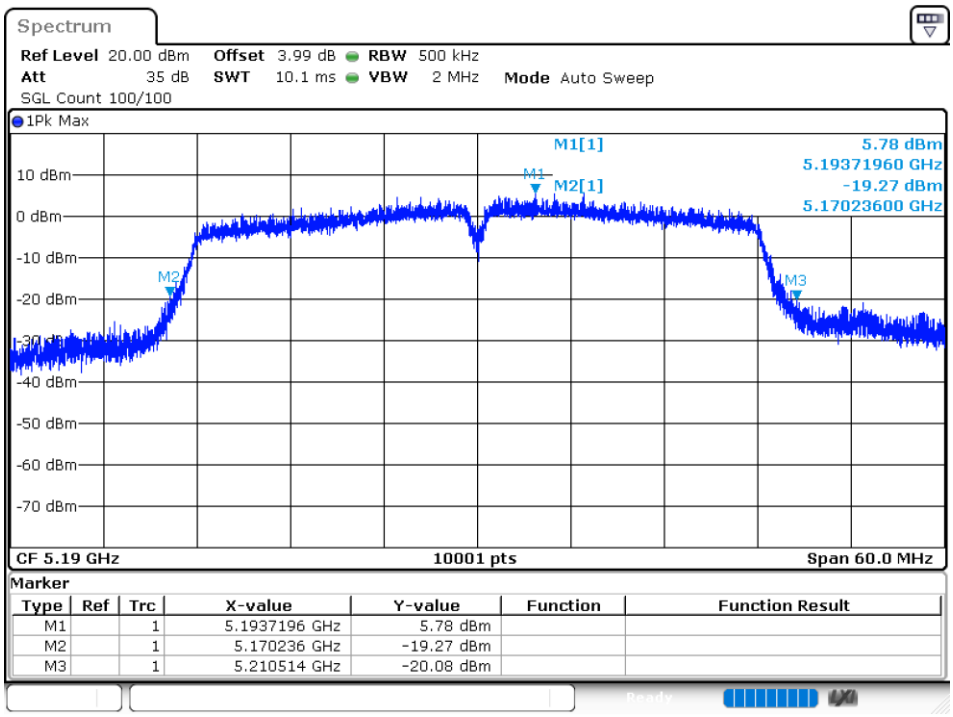
-26dB Bandwidth NVNT ac20 5240MHz Ant2



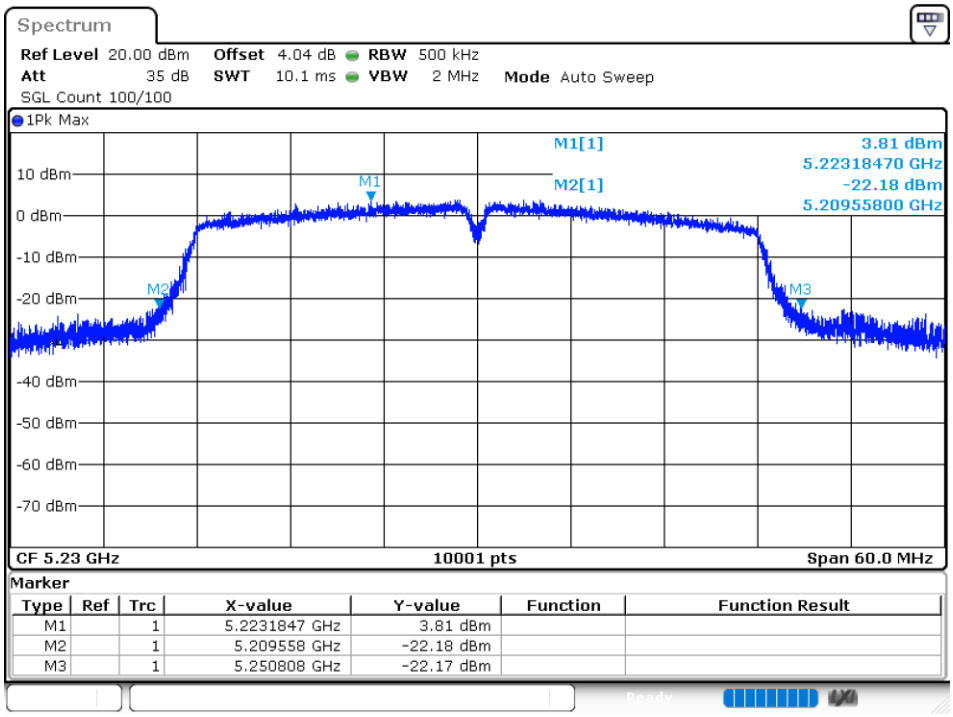
-26dB Bandwidth NVNT ac40 5190MHz Ant1



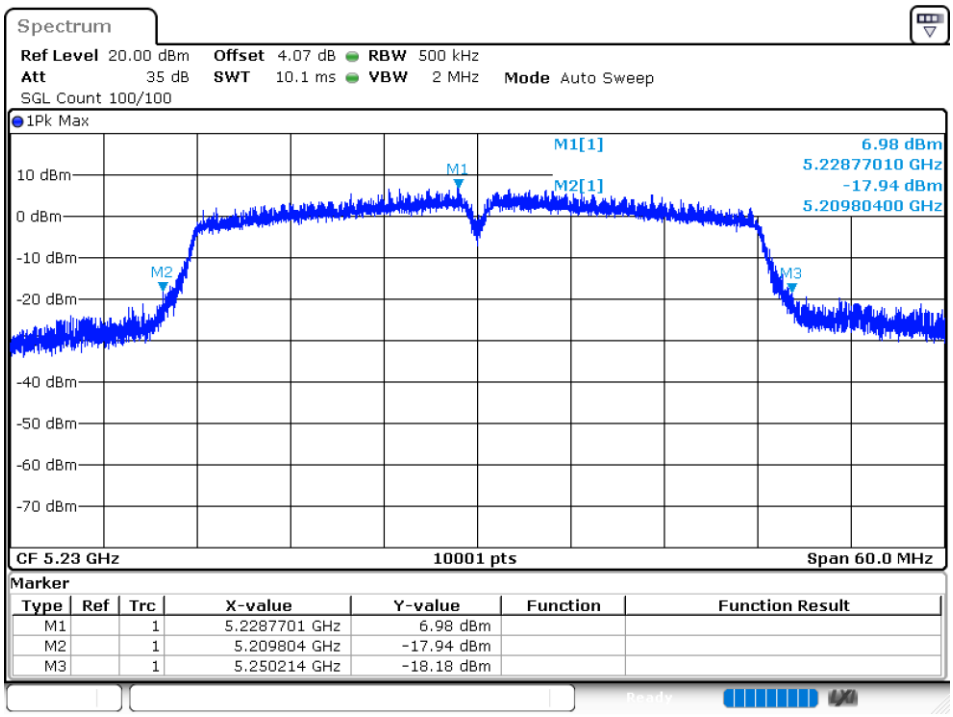
-26dB Bandwidth NVNT ac40 5190MHz Ant2



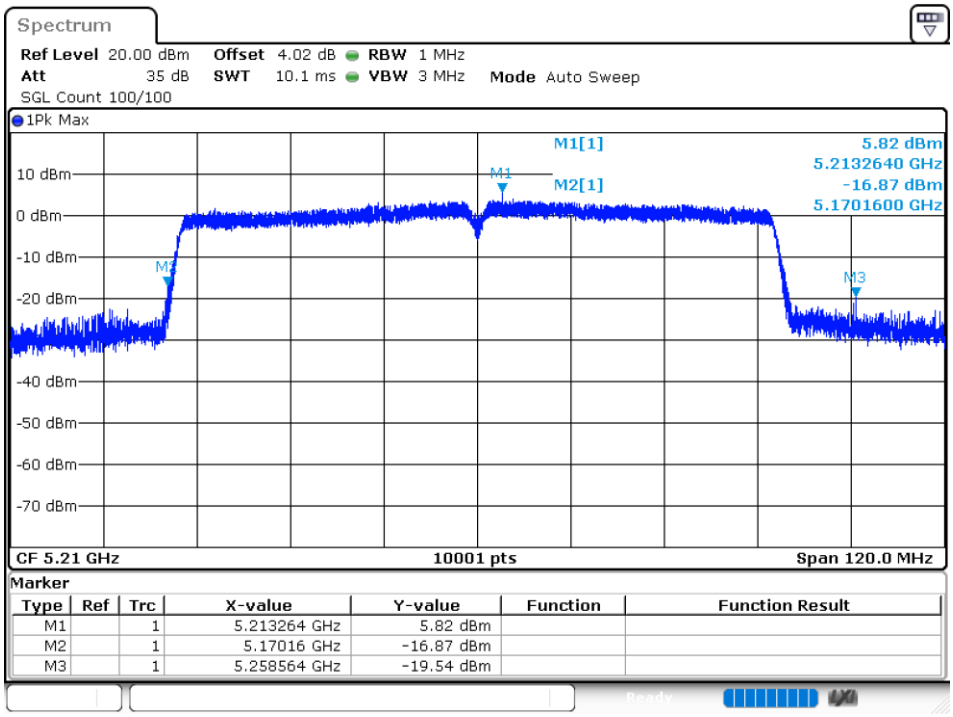
-26dB Bandwidth NVNT ac40 5230MHz Ant1



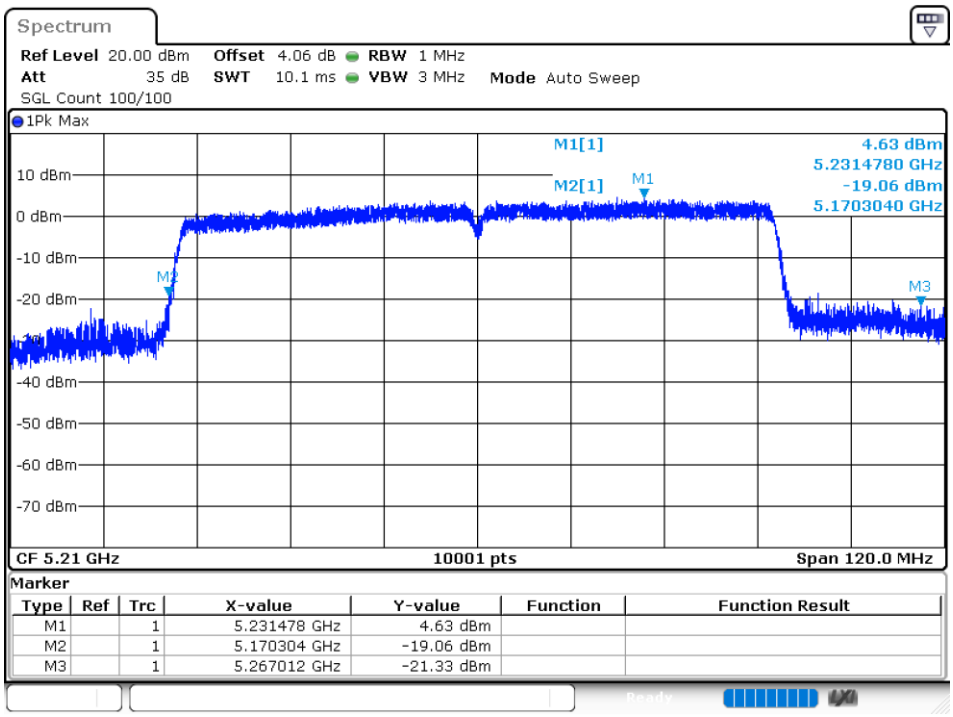
-26dB Bandwidth NVNT ac40 5230MHz Ant2



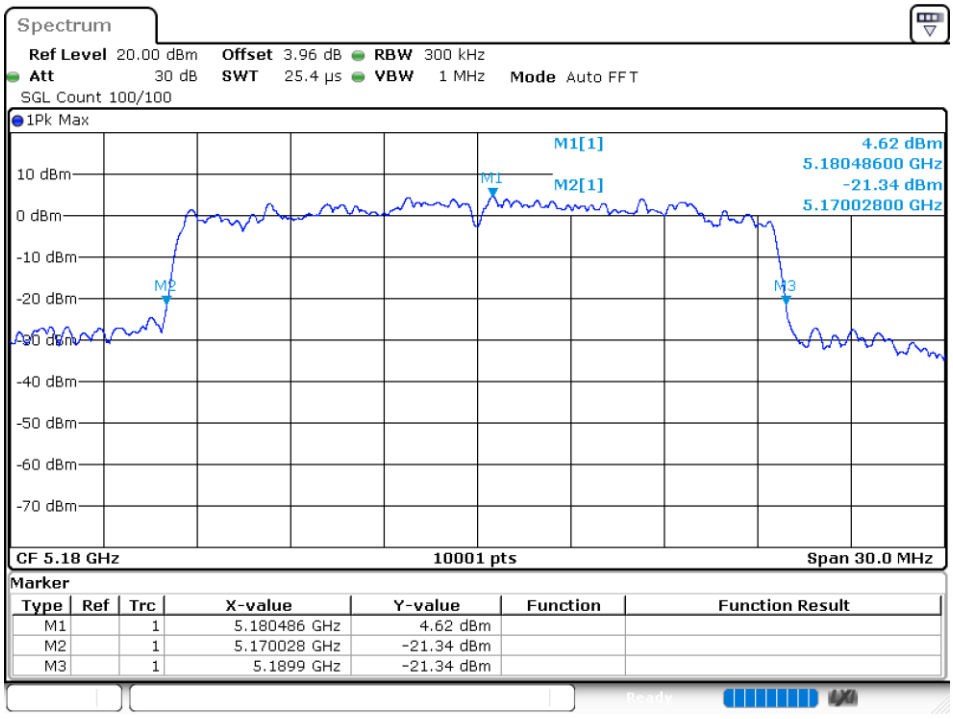
-26dB Bandwidth NVNT ac80 5210MHz Ant1



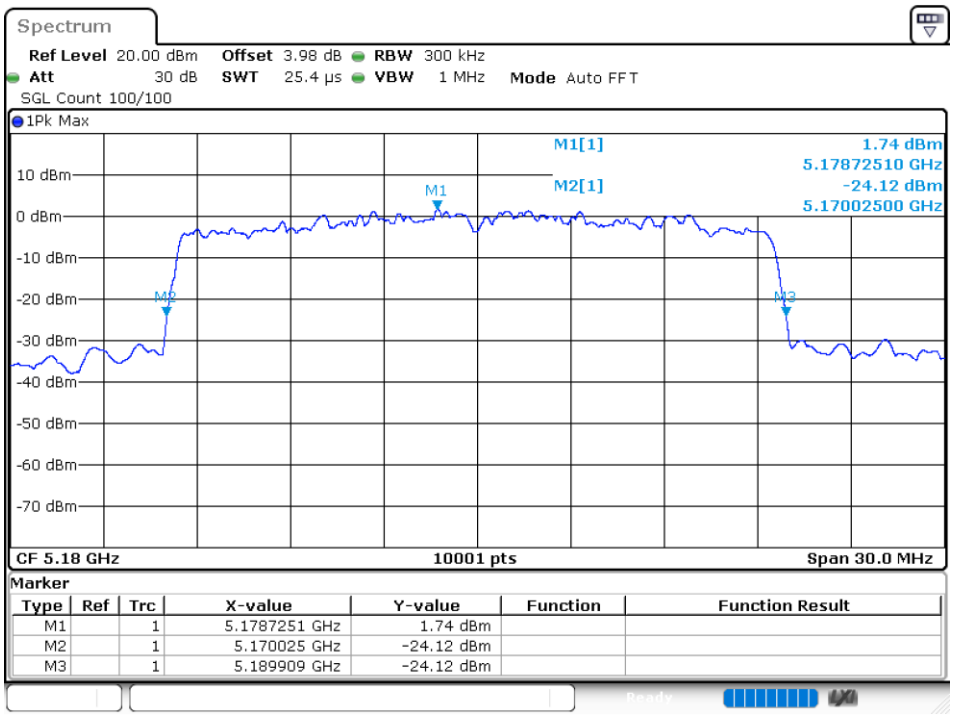
-26dB Bandwidth NVNT ac80 5210MHz Ant2



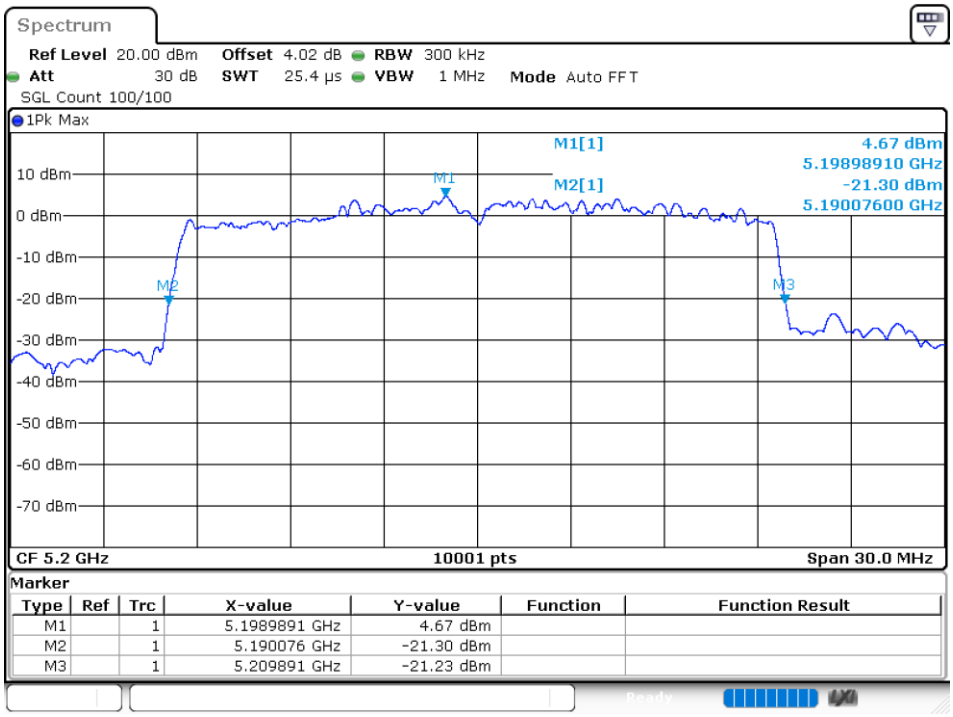
-26dB Bandwidth NVNT ax20 5180MHz Ant1



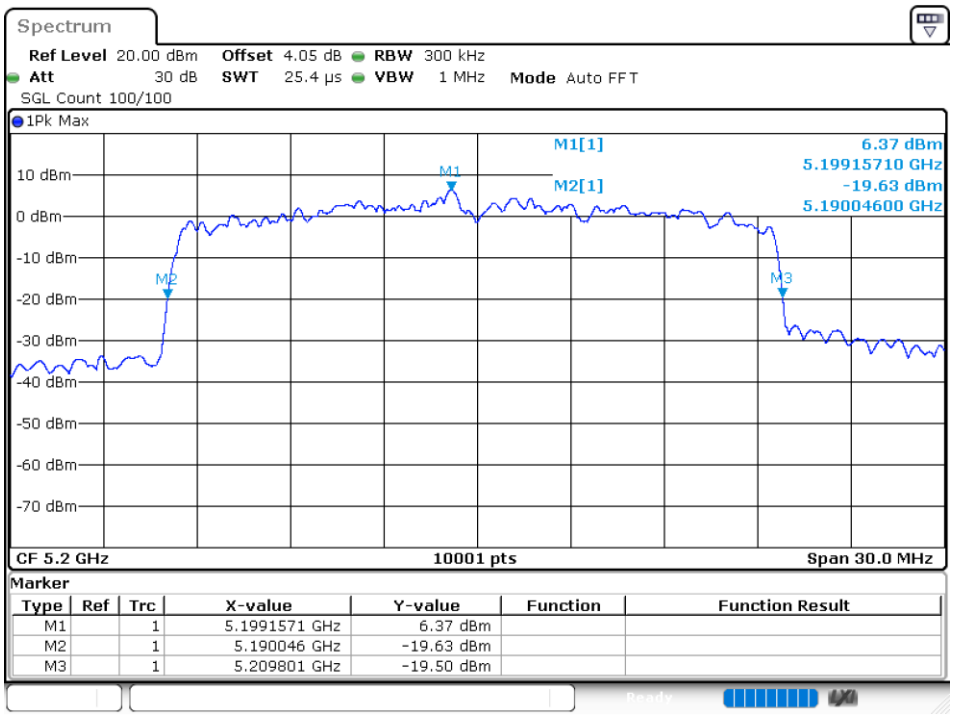
-26dB Bandwidth NVNT ax20 5180MHz Ant2



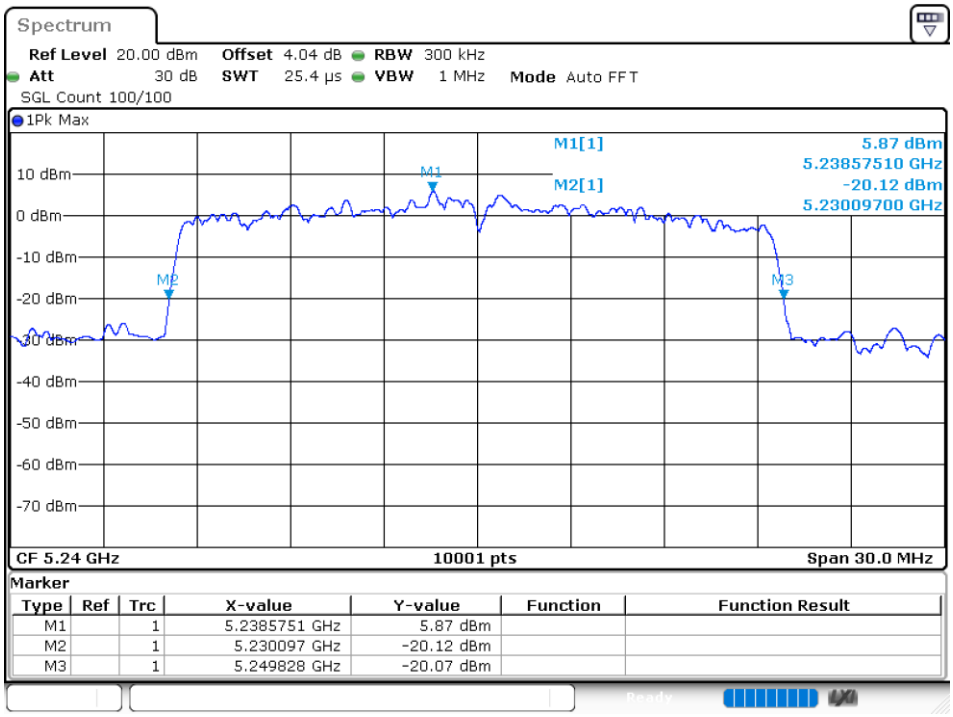
-26dB Bandwidth NVNT ax20 5200MHz Ant1



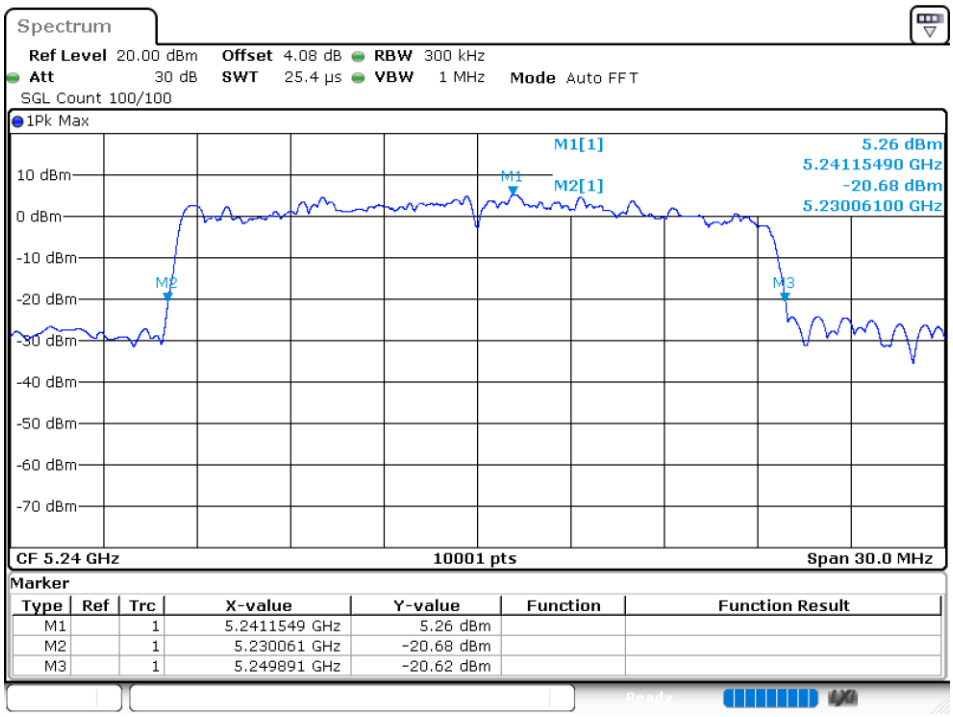
-26dB Bandwidth NVNT ax20 5200MHz Ant2



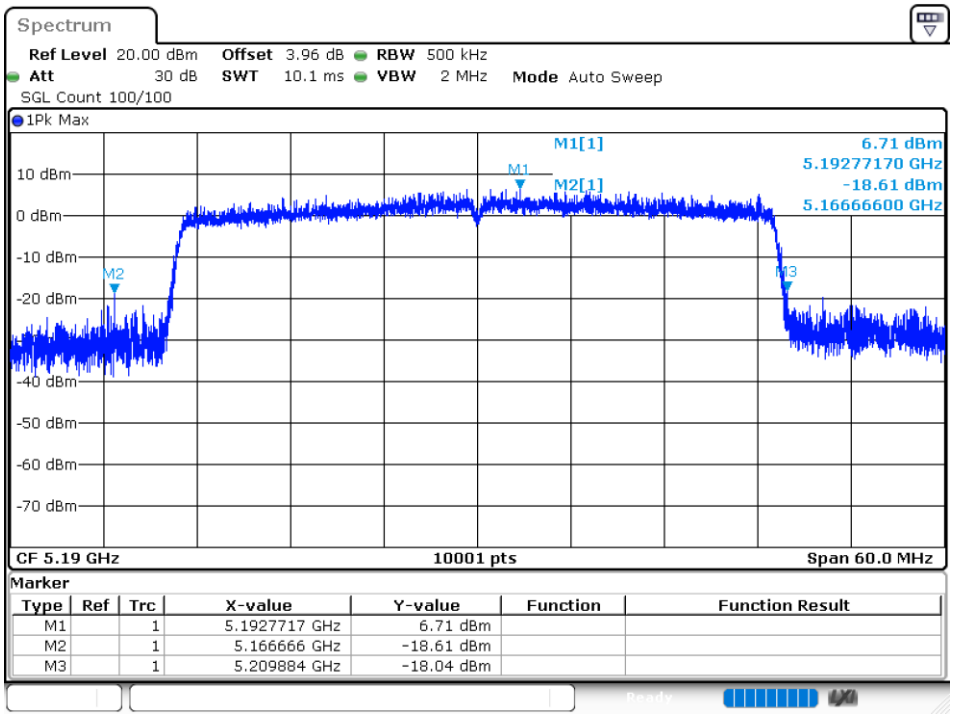
-26dB Bandwidth NVNT ax20 5240MHz Ant1



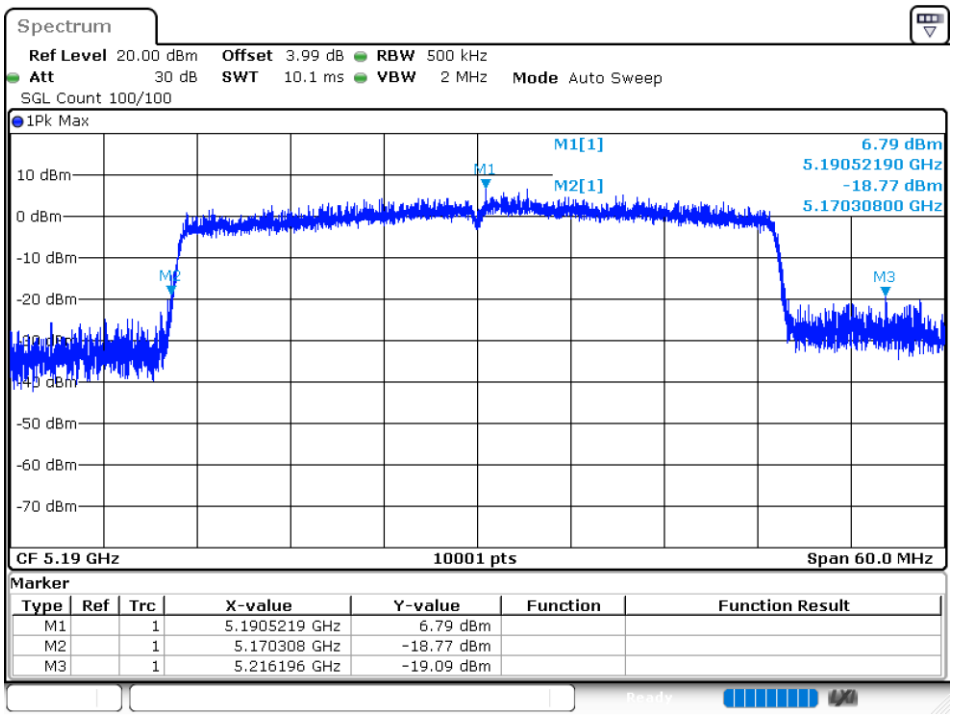
-26dB Bandwidth NVNT ax20 5240MHz Ant2



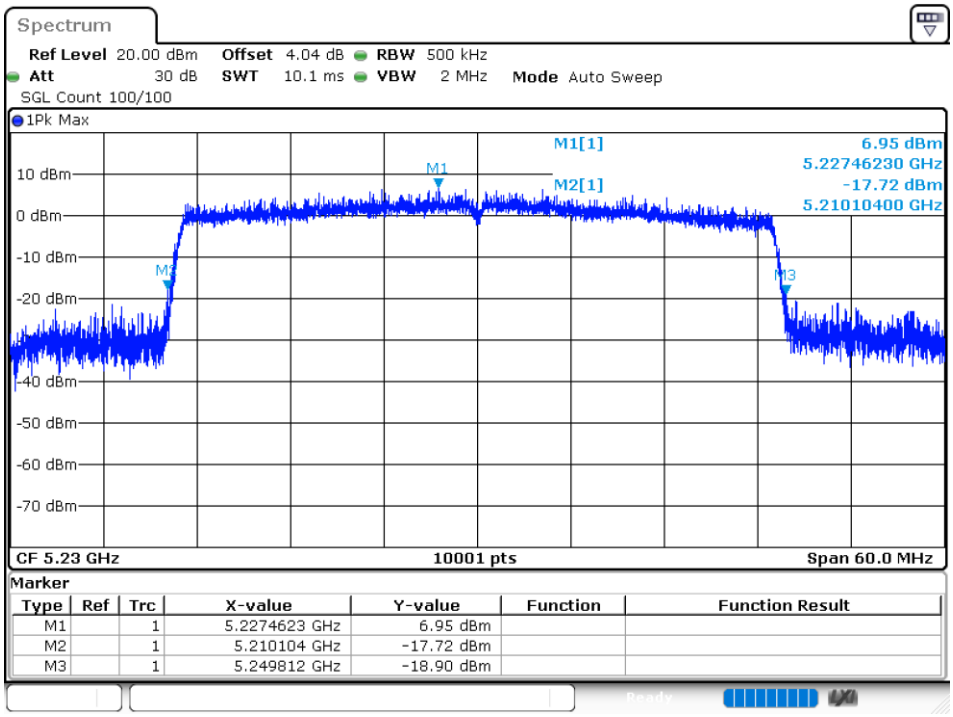
-26dB Bandwidth NVNT ax40 5190MHz Ant1



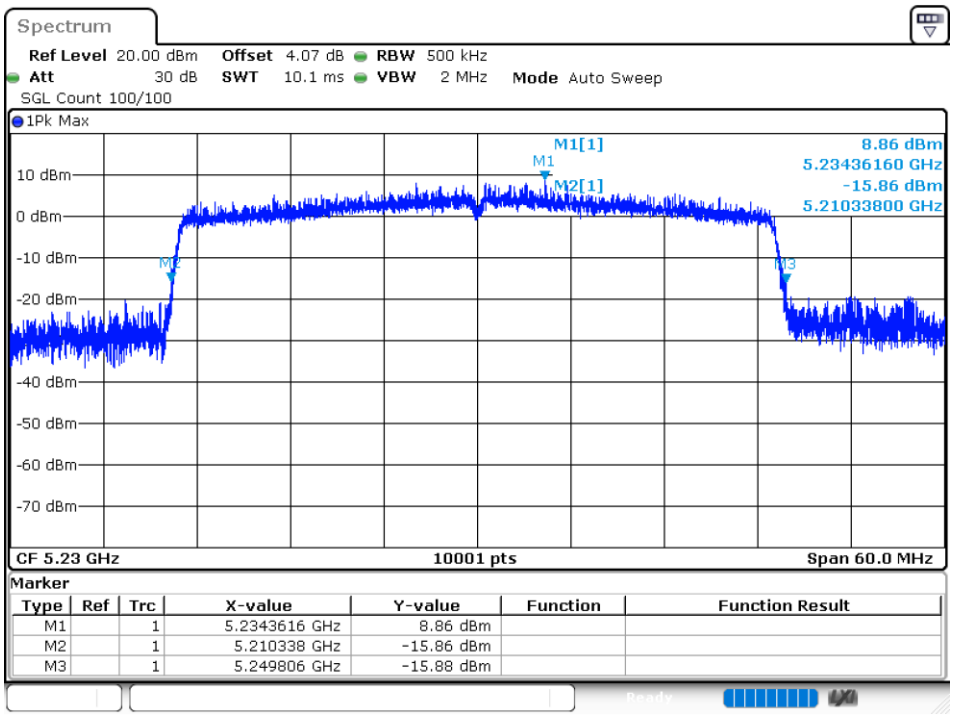
-26dB Bandwidth NVNT ax40 5190MHz Ant2



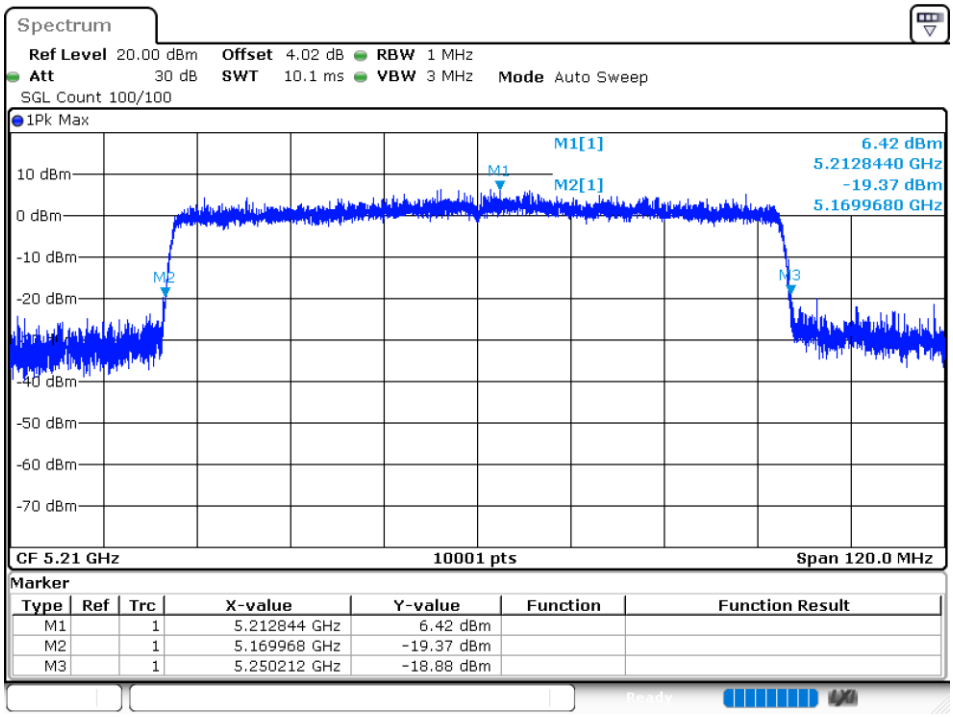
-26dB Bandwidth NVNT ax40 5230MHz Ant1



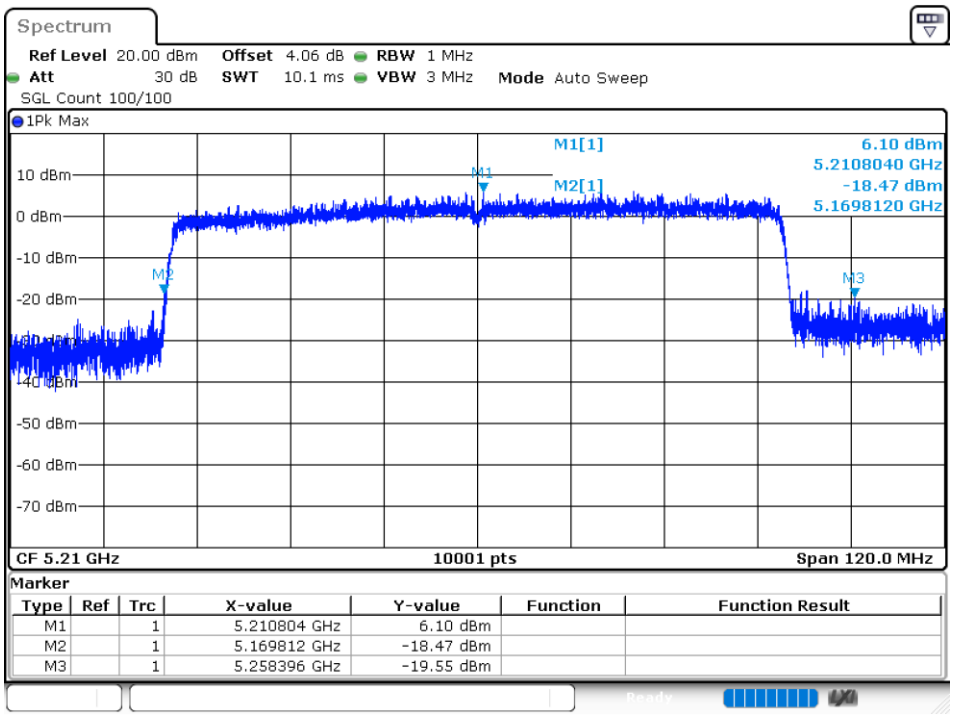
-26dB Bandwidth NVNT ax40 5230MHz Ant2



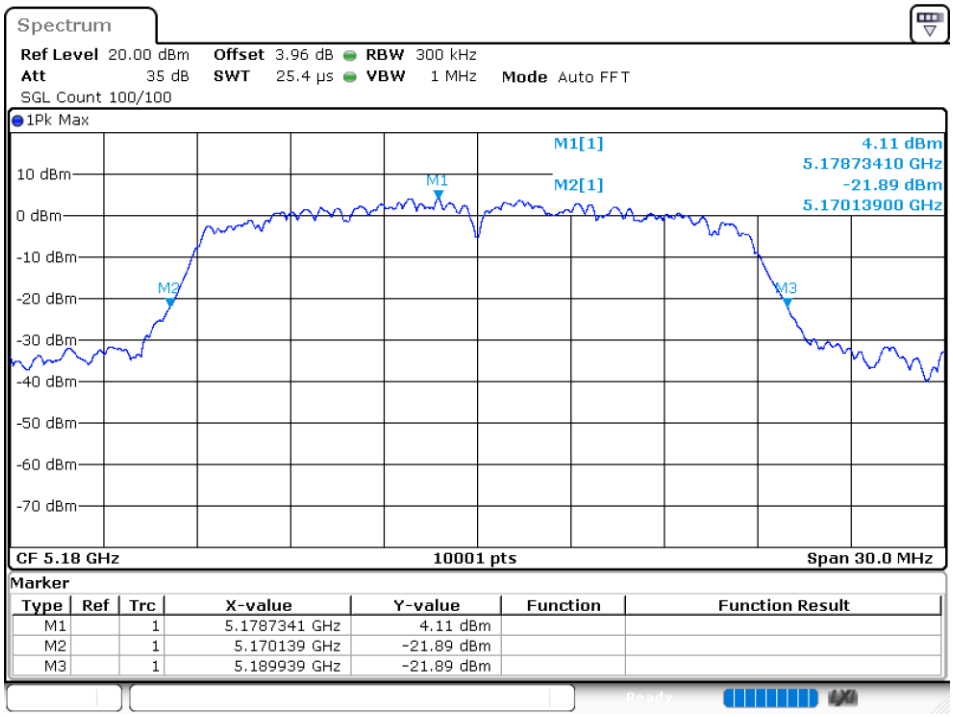
-26dB Bandwidth NVNT ax80 5210MHz Ant1



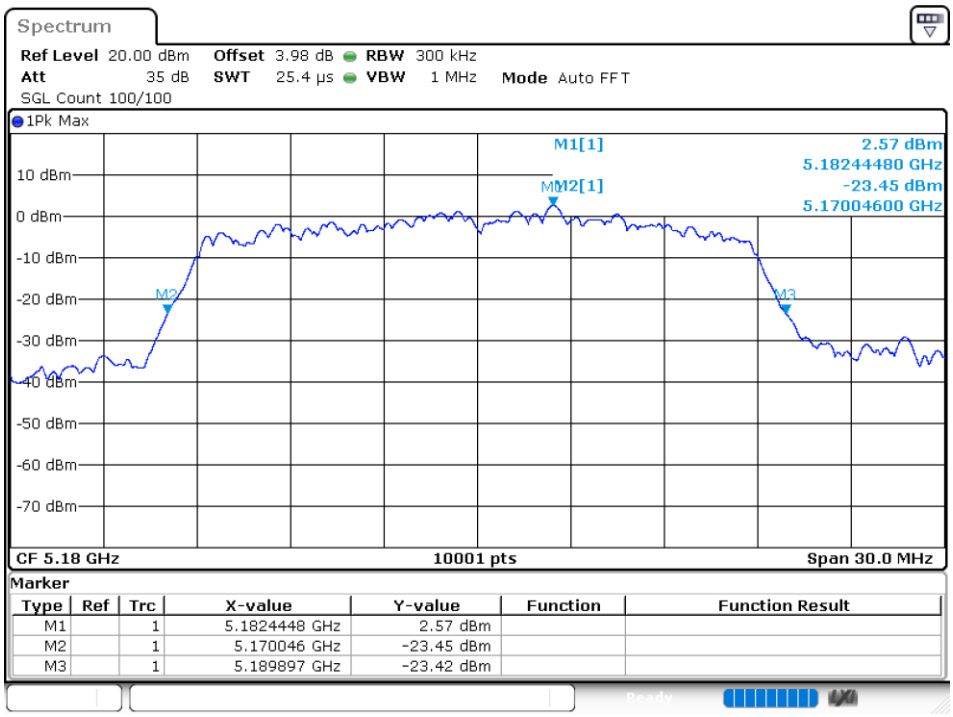
-26dB Bandwidth NVNT ax80 5210MHz Ant2



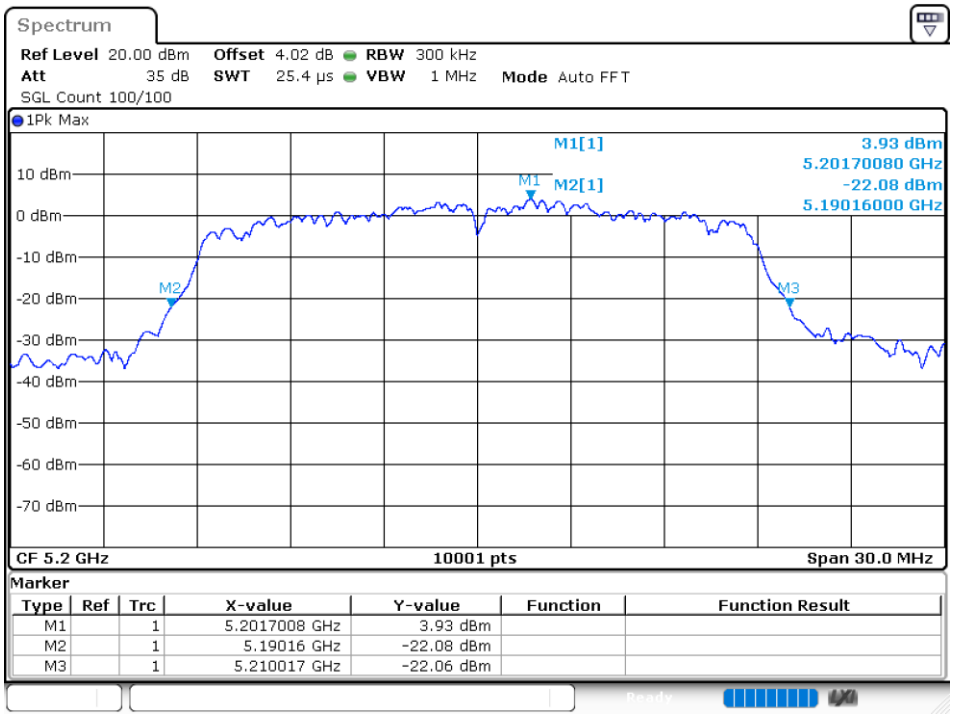
-26dB Bandwidth NVNT n20 5180MHz Ant1



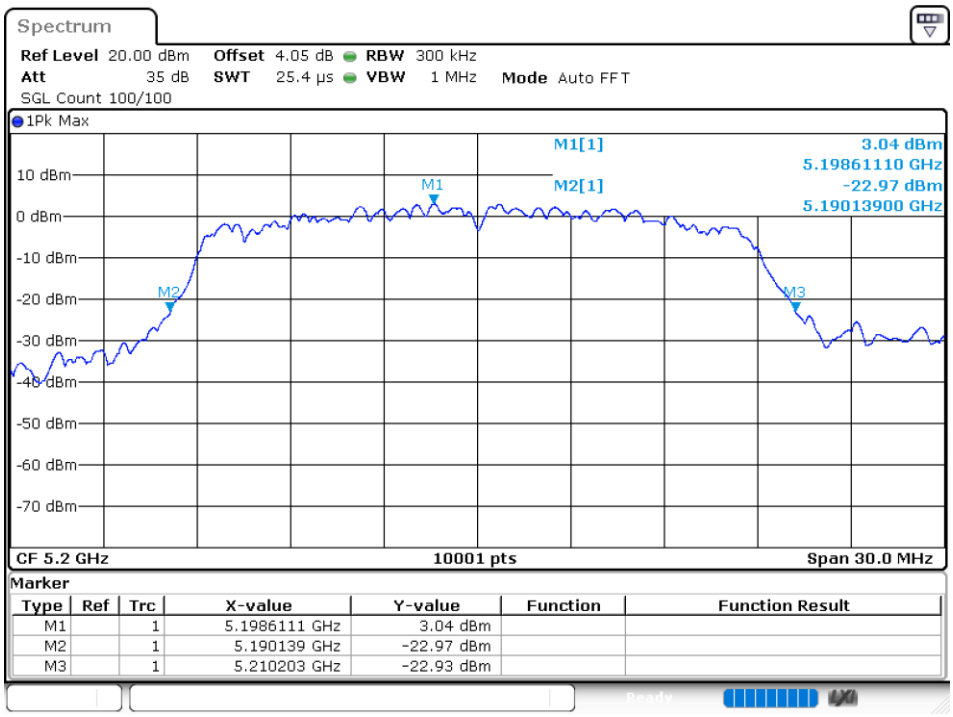
-26dB Bandwidth NVNT n20 5180MHz Ant2



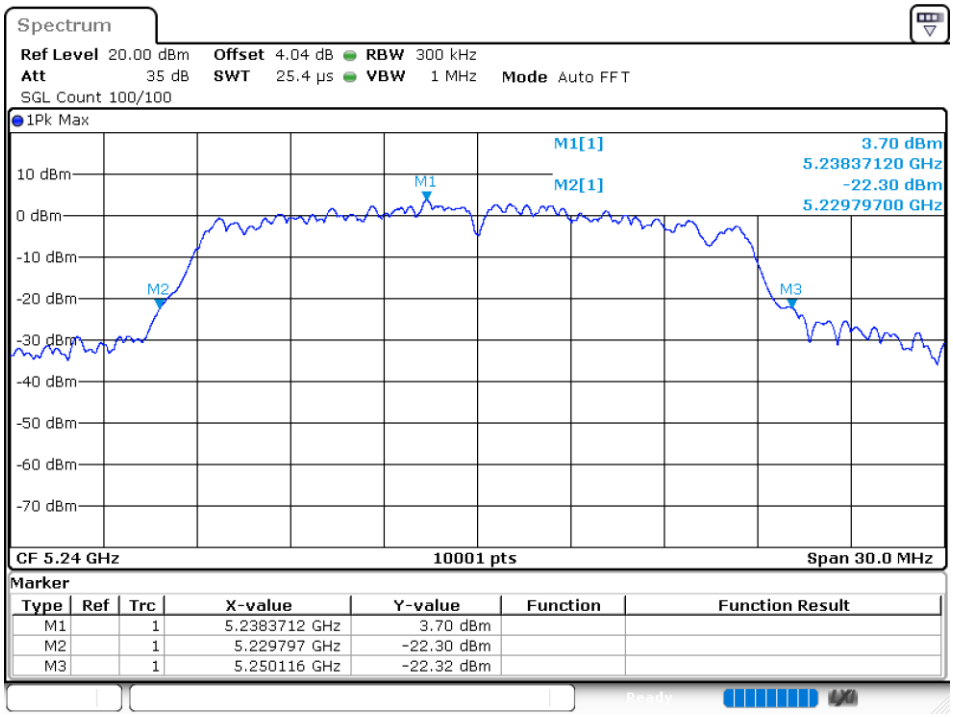
-26dB Bandwidth NVNT n20 5200MHz Ant1



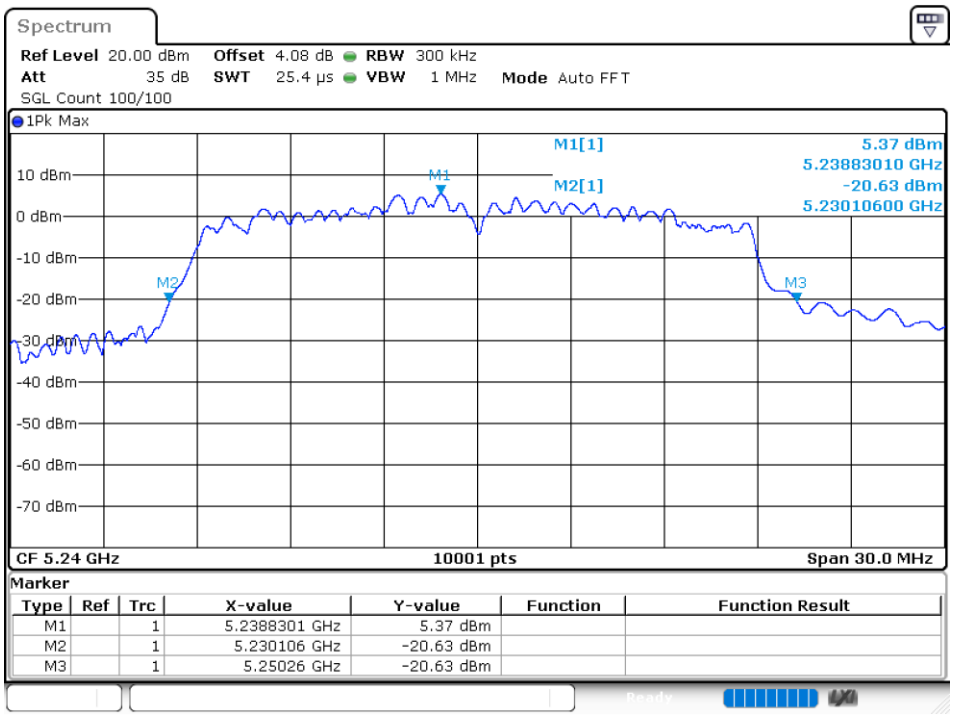
-26dB Bandwidth NVNT n20 5200MHz Ant2



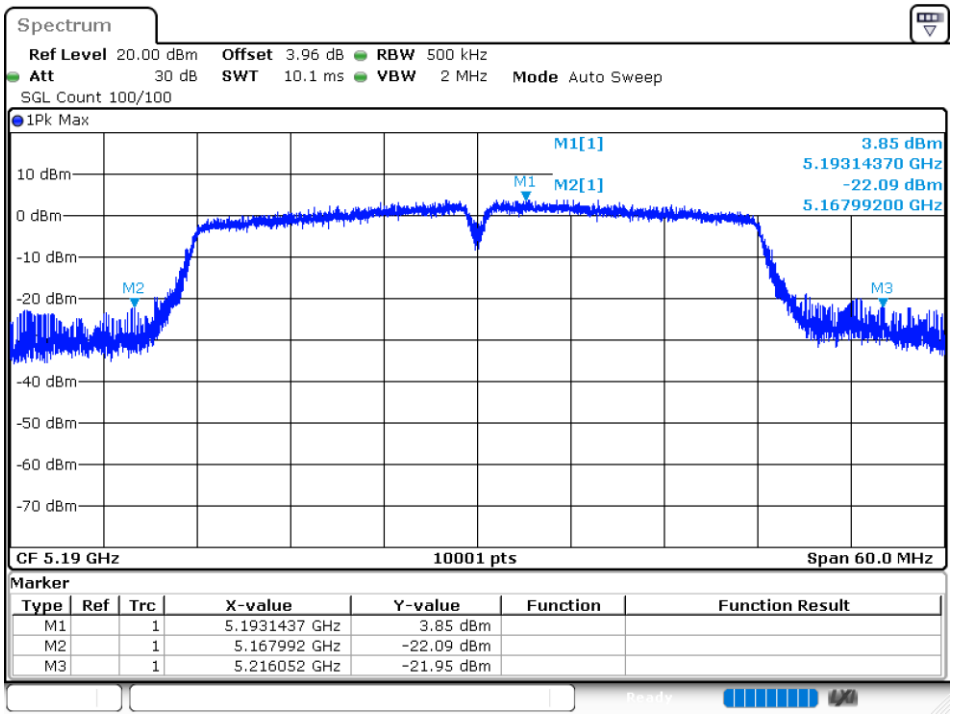
-26dB Bandwidth NVNT n20 5240MHz Ant1



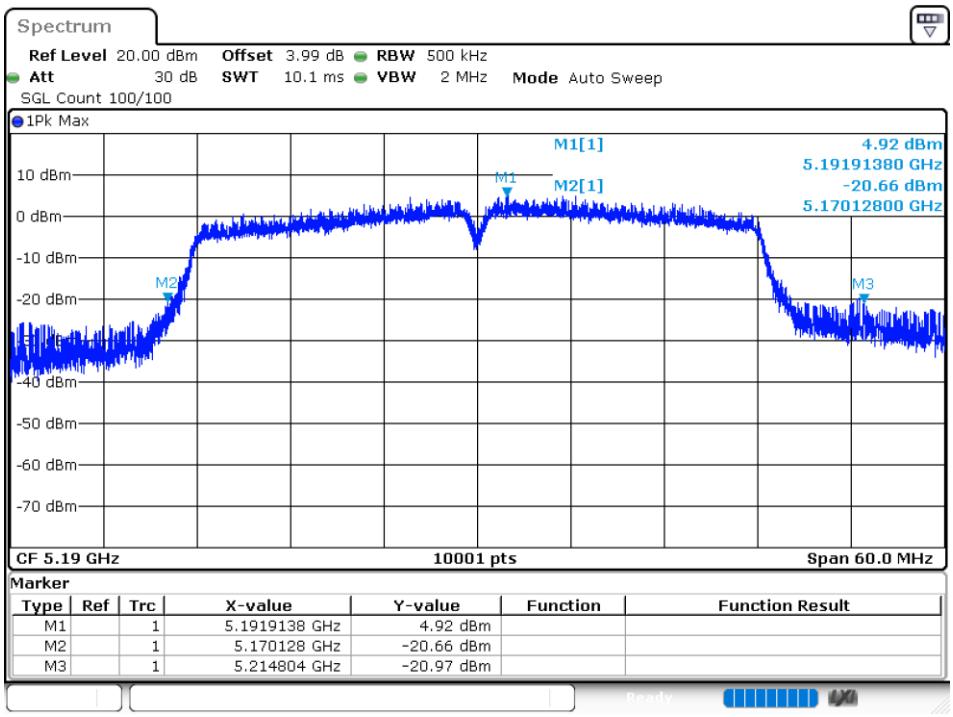
-26dB Bandwidth NVNT n20 5240MHz Ant2



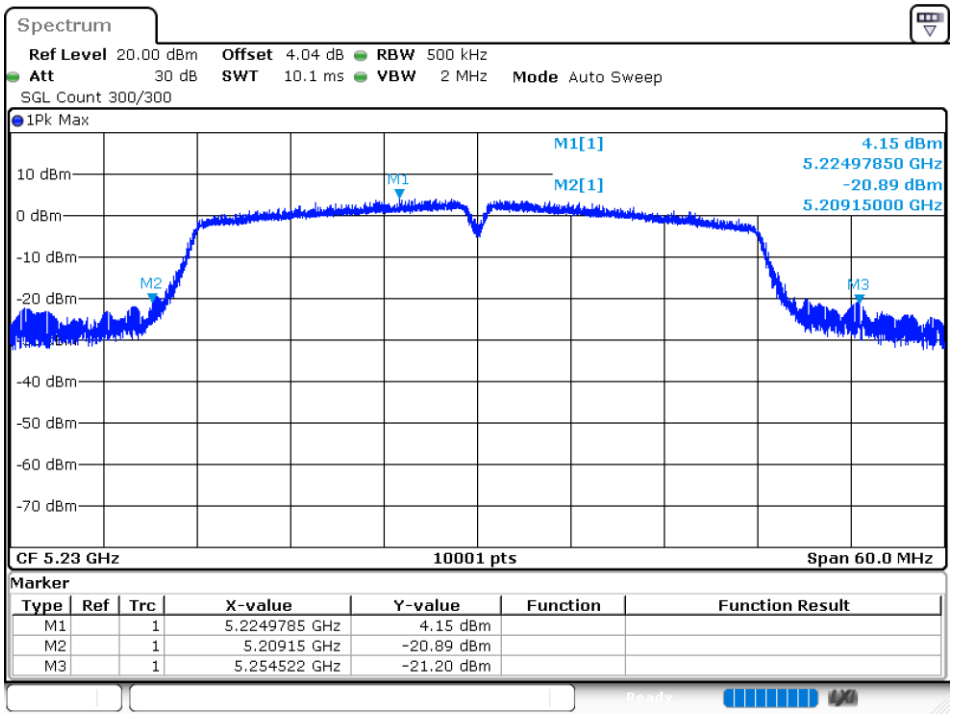
-26dB Bandwidth NVNT n40 5190MHz Ant1



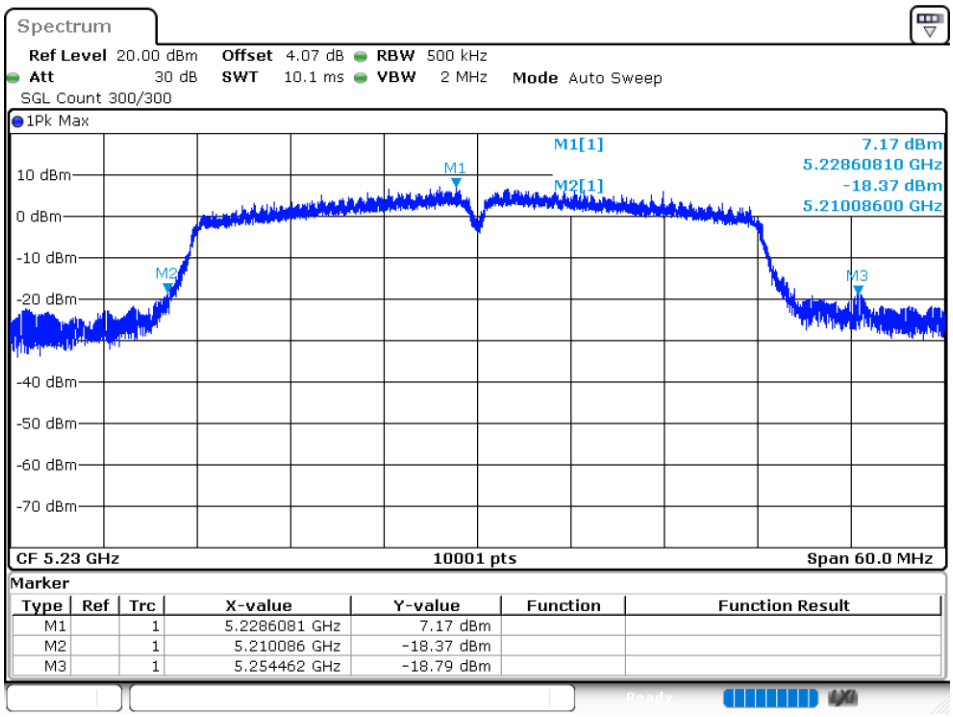
-26dB Bandwidth NVNT n40 5190MHz Ant2



-26dB Bandwidth NVNT n40 5230MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant2



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ac20	5180	Ant1	17.47
NVNT	ac20	5180	Ant2	17.509
NVNT	ac20	5200	Ant1	17.386
NVNT	ac20	5200	Ant2	17.368
NVNT	ac20	5240	Ant1	17.428
NVNT	ac20	5240	Ant2	17.572
NVNT	ac40	5190	Ant1	36.044
NVNT	ac40	5190	Ant2	35.936
NVNT	ac40	5230	Ant1	35.954
NVNT	ac40	5230	Ant2	35.888
NVNT	ac80	5210	Ant1	75.52
NVNT	ac80	5210	Ant2	75.472
NVNT	ax20	5180	Ant1	18.769
NVNT	ax20	5180	Ant2	18.856
NVNT	ax20	5200	Ant1	18.631
NVNT	ax20	5200	Ant2	18.775
NVNT	ax20	5240	Ant1	18.664
NVNT	ax20	5240	Ant2	18.757
NVNT	ax40	5190	Ant1	37.55
NVNT	ax40	5190	Ant2	37.526
NVNT	ax40	5230	Ant1	37.466
NVNT	ax40	5230	Ant2	37.466
NVNT	ax80	5210	Ant1	77.164
NVNT	ax80	5210	Ant2	76.972
NVNT	n20	5180	Ant1	17.494
NVNT	n20	5180	Ant2	17.485
NVNT	n20	5200	Ant1	17.431
NVNT	n20	5200	Ant2	17.485
NVNT	n20	5240	Ant1	17.467
NVNT	n20	5240	Ant2	17.494
NVNT	n40	5190	Ant1	36.056
NVNT	n40	5190	Ant2	35.918
NVNT	n40	5230	Ant1	36.056
NVNT	n40	5230	Ant2	35.888