

Agilent E5052A Signal Source Analyzer User's Guide

Manual Change

Agilent Part No. Not Assigned

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Change 1

Change the information on page 190 (Table 8-2 and Table 8-3) as follows:

Table 8-2

SSB Phase Noise Sensitivity (Standard, < 150 kHz optim., correlation = 1, +5 dBm input, start frequency = 1 Hz, measurement time = 17.7 sec)

Input Frequency		Offset from carrier (Hz)								
		1	10	100	1 k	10 k	100 k	1 M	10 M	40 M
10 MHz	spec.	-	-	-	-148.5	-156.5	-166.5	-168.5	-	-
	typ.	-74.0	-117.0	-144.5	-152.5	-160.5	-170.5	-172.5	-	-
100 MHz	spec.	-	-	-	-148.5	-156.5	-163.5	-168.5	-170.0	-
	typ.	-54.0	-97.0	-135.5	-152.5	-160.5	-167.5	-172.5	-174.0	-
1 GHz	spec.	-	-	-	-128.5	-137.5	-144.5	-160.5	-170.0	-170.5
	typ.	-34.0	-77.0	-115.5	-132.5	-141.5	-148.5	-164.5	-174.0	-174.5
3 GHz	spec.	-	-	-	-119.0	-128.0	-133.7	-149.7	-163.2	-166.7
	typ.	-24.5	-67.5	-106.0	-123.0	-132.0	-137.7	-153.7	-167.2	-170.7
7 GHz	spec.	-	-	-	-111.6	-120.6	-127.0	-143.0	-156.5	-160.0
	typ.	-17.1	-60.1	-98.6	-115.6	-124.6	-131.0	-147.0	-160.5	-164.0

Table 8-3

SSB Phase Noise Sensitivity (Option E5052A-011, <150 kHz optim., +5 dBm Input, start frequency = 10 Hz, measurement time = 4.4 sec)

Input Frequency		Offset from carrier (Hz)								
		1	10	100	1 k	10 k	100 k	1 M	10 M	40 M
10 MHz	spec.	-	-	-	-145.5	-153.5	-160.0	-160.0	-	-
	typ.	-	-114.0	-141.5	-149.5	-157.5	-167.5	-169.5	-	-
100 MHz	spec.	-	-	-	-145.5	-153.5	-160.0	-160.0	-160.0	-
	typ.	-	-94.0	-132.5	-149.5	-157.5	-164.5	-169.5	-170.0	-
1 GHz	spec.	-	-	-	-125.5	-134.5	-141.5	-157.5	-160.0	-160.0
	typ.	-	-74.0	-112.5	-129.5	-138.5	-145.5	-161.5	-170.0	-170.0
3 GHz	spec.	-	-	-	-116.0	-125.0	-130.7	-146.7	-160.0	-160.0
	typ.	-	-64.5	-103.0	-120.0	-129.0	-134.7	-150.7	-164.2	-167.7
7 GHz	spec.	-	-	-	-108.6	-117.6	-124.0	-140.0	-153.5	-157.0
	typ.	-	-57.1	-95.6	-112.6	-121.6	-128.0	-144.0	-157.5	-161.0