

Date: 11/18/2013  
 Temp (°C): 24.00  
 RH(%): 22.00

Model: 51075  
 Serial Number: 29220  
 Technician: A. Włodarczyk

### Sensor Gain Constants

<u>Range</u>	<u>Upscale</u>	<u>DownScale</u>
0	5041	-1
1	5041	-1
2	5041	-1
3	5030	-1
4	5041	-1
5	4961	-28
6	4984	6

### Sensor Frequency Cal Factors

<u>Table</u>	<u>Frequency (GHz)</u>	<u>Cal Factor (dB)</u>	<u>Table</u>	<u>Frequency (GHz)</u>	<u>Cal Factor (dB)</u>
0	0.01	0.00	30	18.00	0.10
1	0.03	0.00	31	0.00	0.00
2	0.40	-0.16	32	0.00	0.00
3	0.42	-0.07	33	0.00	0.00
4	0.44	-0.03	34	0.00	0.00
5	0.46	-0.02	35	0.00	0.00
6	0.48	0.00	36	0.00	0.00
7	0.50	0.01	37	0.00	0.00
8	0.52	0.02	38	0.00	0.00
9	0.54	0.02	39	0.00	0.00
10	0.56	0.02	40	0.00	0.00
11	0.58	0.02	41	0.00	0.00
12	0.60	0.02	42	0.00	0.00
13	1.00	-0.09	43	0.00	0.00
14	2.00	-0.05	44	0.00	0.00
15	3.00	0.09	45	0.00	0.00
16	4.00	0.16	46	0.00	0.00
17	5.00	0.17	47	0.00	0.00
18	6.00	0.15	48	0.00	0.00
19	7.00	0.09	49	0.00	0.00
20	8.00	0.03	50	0.00	0.00
21	9.00	0.04	51	0.00	0.00
22	10.00	0.03	52	0.00	0.00
23	11.00	0.01	53	0.00	0.00
24	12.00	-0.01	54	0.00	0.00
25	13.00	-0.03	55	0.00	0.00
26	14.00	-0.07	56	0.00	0.00
27	15.00	-0.05	57	0.00	0.00
28	16.00	-0.08	58	0.00	0.00
29	17.00	0.00	59	0.00	0.00

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### Sensor Linearity Test

<u>Level (dBm)</u>	<u>Minimum (dBm)</u>		<u>Maximum (dBm)</u>	<u>Pass/Fail</u>
-60.00	-60.34	-59.94	-59.66	Pass
-55.00	-55.17	-55.01	-54.83	Pass
-50.00	-50.10	-50.06	-49.90	Pass
-45.00	-45.07	-45.02	-44.93	Pass
-40.00	-40.07	-40.02	-39.93	Pass
-35.00	-35.07	-35.00	-34.93	Pass
-30.00	-30.07	-30.02	-29.93	Pass
-25.00	-25.07	-24.99	-24.93	Pass
-20.00	-20.07	-20.00	-19.93	Pass
-15.00	-15.07	-14.99	-14.93	Pass
-10.00	-10.07	-10.00	-9.93	Pass
-5.00	-5.07	-5.01	-4.93	Pass
0.00	-0.03	0.00	0.03	Pass
5.00	4.90	4.96	5.10	Pass
10.00	9.93	9.97	10.07	Pass
15.00	14.86	14.99	15.14	Pass
20.00	19.76	20.05	20.24	Pass

Date: 11/18/2013  
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Model: 51075  
 Serial Number: 29223  
 Technician: A. Wlodarczyk

### Sensor Gain Constants

<u>Range</u>	<u>Upscale</u>	<u>DownScale</u>
0	4859	1
1	4859	1
2	4859	-1
3	4859	-1
4	4915	-12
5	4881	-39
6	4915	1

### Sensor Frequency Cal Factors

<u>Table</u>	<u>Frequency (GHz)</u>	<u>Cal Factor (dB)</u>	<u>Table</u>	<u>Frequency (GHz)</u>	<u>Cal Factor (dB)</u>
0	0.01	0.00	30	18.00	0.37
1	0.03	0.00	31	0.00	0.00
2	0.40	-0.10	32	0.00	0.00
3	0.42	-0.22	33	0.00	0.00
4	0.44	-0.26	34	0.00	0.00
5	0.46	-0.14	35	0.00	0.00
6	0.48	-0.05	36	0.00	0.00
7	0.50	-0.02	37	0.00	0.00
8	0.52	0.00	38	0.00	0.00
9	0.54	0.01	39	0.00	0.00
10	0.56	0.01	40	0.00	0.00
11	0.58	0.01	41	0.00	0.00
12	0.60	0.01	42	0.00	0.00
13	1.00	-0.04	43	0.00	0.00
14	2.00	-0.01	44	0.00	0.00
15	3.00	-0.01	45	0.00	0.00
16	4.00	0.07	46	0.00	0.00
17	5.00	0.05	47	0.00	0.00
18	6.00	-0.01	48	0.00	0.00
19	7.00	-0.06	49	0.00	0.00
20	8.00	-0.15	50	0.00	0.00
21	9.00	-0.17	51	0.00	0.00
22	10.00	-0.21	52	0.00	0.00
23	11.00	-0.22	53	0.00	0.00
24	12.00	-0.19	54	0.00	0.00
25	13.00	-0.30	55	0.00	0.00
26	14.00	-0.35	56	0.00	0.00
27	15.00	-0.33	57	0.00	0.00
28	16.00	-0.22	58	0.00	0.00
29	17.00	-0.01	59	0.00	0.00

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<u>Level (dBm)</u>	<u>Minimum (dBm)</u>		<u>Maximum (dBm)</u>	<u>Pass/Fail</u>
-60.00	-60.34	-60.15	-59.66	Pass
-55.00	-55.17	-55.07	-54.83	Pass
-50.00	-50.10	-50.03	-49.90	Pass
-45.00	-45.07	-45.01	-44.93	Pass
-40.00	-40.07	-40.03	-39.93	Pass
-35.00	-35.07	-35.00	-34.93	Pass
-30.00	-30.07	-30.01	-29.93	Pass
-25.00	-25.07	-24.99	-24.93	Pass
-20.00	-20.07	-20.01	-19.93	Pass
-15.00	-15.07	-14.97	-14.93	Pass
-10.00	-10.07	-10.01	-9.93	Pass
-5.00	-5.07	-5.02	-4.93	Pass
0.00	-0.03	0.00	0.03	Pass
5.00	4.90	4.96	5.10	Pass
10.00	9.93	9.98	10.07	Pass
15.00	14.86	14.99	15.14	Pass
20.00	19.76	19.81	20.24	Pass