

MA-WB55-20

File Name: MA-WB55-20-CAL.nff

POL	90.00	[deg]	
Frequency	5.200	G	[GHz]
ROLL	90.00	[deg]	
Ch.	CH1		
Beam			
Switch			
Gain	20.29	dBi	
AZ [deg]	Amplitude [dB]	Phase [deg]	
-179.5000	-28.6666	-43.3069	
-178.5000	-28.2058	-12.0943	
-177.5000	-32.1546	5.6244	
-176.5000	-29.9479	-5.1692	
-175.5000	-34.3301	-7.4273	
-174.5000	-33.1609	16.1252	
-173.5000	-38.0371	-33.1913	
-172.5000	-36.8065	-22.9987	
-171.5000	-32.6058	-65.5540	
-170.5000	-31.2864	-18.0973	
-169.5000	-41.2571	5.9570	
-168.5000	-32.9061	44.1151	
-167.5000	-37.3165	6.5062	
-166.5000	-41.3964	-144.4268	
-165.5000	-36.4430	106.0923	
-164.5000	-38.7510	-120.4358	
-163.5000	-39.5114	171.6844	
-162.5000	-43.8090	-127.3908	
-161.5000	-30.2488	-131.0498	
-160.5000	-33.5117	-123.0461	
-159.5000	-34.5848	-77.2314	
-158.5000	-36.3261	-113.3454	
-157.5000	-42.2270	-59.4036	
-156.5000	-37.5082	-93.5057	
-155.5000	-44.3224	56.7101	
-154.5000	-36.9881	-89.5577	
-153.5000	-46.5887	-89.0211	
-152.5000	-42.0651	-87.2428	
-151.5000	-37.5170	36.4009	
-150.5000	-32.6648	-62.2419	
-149.5000	-34.8344	-61.4695	
-148.5000	-33.9824	33.0135	
-147.5000	-31.8301	-3.8858	
-146.5000	-38.5086	-0.3278	
-145.5000	-38.7879	22.5533	
-144.5000	-33.5810	14.9212	
-143.5000	-54.8861	38.1579	
-142.5000	-46.4703	66.0791	
-141.5000	-35.3469	78.3623	
-140.5000	-39.6978	-151.2181	
-139.5000	-47.9565	163.4582	
-138.5000	-33.2973	-129.9193	
-137.5000	-43.1252	175.7586	
-136.5000	-38.6046	-105.2126	
-135.5000	-32.6199	-38.1611	
-134.5000	-31.5438	-13.2697	
-133.5000	-26.8904	-3.5883	
-132.5000	-27.6926	37.5678	
-131.5000	-27.3131	25.0432	
-130.5000	-23.0421	44.3947	
-129.5000	-22.5966	43.7157	
-128.5000	-23.7866	47.3454	
-127.5000	-23.9644	67.0402	
-126.5000	-22.7877	72.3386	
-125.5000	-25.7597	62.7053	
-124.5000	-27.6464	88.3240	

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-123.5000	-31.6048	76.4293
-122.5000	-44.8449	162.5574
-121.5000	-33.6250	137.6737
-120.5000	-32.0595	-131.7828
-119.5000	-28.5270	-86.3124
-118.5000	-26.8783	-80.9482
-117.5000	-23.4706	-87.0277
-116.5000	-24.9627	-103.5822
-115.5000	-22.1932	-76.1776
-114.5000	-22.3356	-87.7073
-113.5000	-23.0597	-64.0428
-112.5000	-25.3379	-52.2666
-111.5000	-24.9453	-57.8398
-110.5000	-24.8859	-24.4608
-109.5000	-27.2865	-17.8819
-108.5000	-25.2793	2.5564
-107.5000	-26.8463	14.8211
-106.5000	-24.1612	22.4505
-105.5000	-23.1571	35.1085
-104.5000	-25.1705	44.8546
-103.5000	-23.5160	52.3661
-102.5000	-24.6670	64.0063
-101.5000	-23.3959	68.8560
-100.5000	-23.6506	89.2175
-99.5000	-21.8785	91.7730
-98.5000	-23.6135	93.1314
-97.5000	-23.3644	103.6164
-96.5000	-22.8555	127.8298
-95.5000	-22.2908	119.3350
-94.5000	-21.6215	136.9330
-93.5000	-23.4160	136.3664
-92.5000	-22.3033	150.7512
-91.5000	-22.1526	136.4991
-90.5000	-22.1709	158.1808
-89.5000	-21.8175	152.4984
-88.5000	-21.5198	162.5032
-87.5000	-22.1963	157.6530
-86.5000	-20.8091	171.3866
-85.5000	-21.0783	173.6908
-84.5000	-20.3967	175.2277
-83.5000	-22.1089	-174.7427
-82.5000	-21.9344	-177.0005
-81.5000	-22.8408	-148.0867
-80.5000	-23.8373	-172.0410
-79.5000	-22.7710	-147.2540
-78.5000	-23.3816	-153.7718
-77.5000	-23.6881	-137.2644
-76.5000	-24.4455	-143.0204
-75.5000	-25.8369	-129.1637
-74.5000	-25.6293	-135.8940
-73.5000	-27.4167	-90.1434
-72.5000	-26.4058	-101.4043
-71.5000	-26.5683	-115.9266
-70.5000	-27.7654	-135.6674
-69.5000	-34.0220	-109.0633
-68.5000	-32.0952	-138.4213
-67.5000	-32.5449	-173.3654
-66.5000	-26.4843	137.3351
-65.5000	-24.3025	134.6408
-64.5000	-19.6109	136.4434
-63.5000	-17.7878	132.4385
-62.5000	-15.9236	133.0742
-61.5000	-13.1885	136.9678
-60.5000	-11.6286	134.2823
-59.5000	-9.4314	132.7427
-58.5000	-8.7369	133.9292
-57.5000	-7.8214	136.5773
-56.5000	-6.9821	137.7889

-55.5000	-6.4754	139.7953	
-54.5000	-6.4481	142.0474	
-53.5000	-6.9304	145.6238	
-52.5000	-7.3895	149.0467	
-51.5000	-8.4985	157.6328	
-50.5000	-9.9135	167.1015	
-49.5000	-11.8184		-173.0611
-48.5000	-13.3255		-139.7436
-47.5000	-11.3559		-106.0272
-46.5000	-8.7555	-87.1777	
-45.5000	-6.3988	-73.2379	
-44.5000	-4.4896	-66.7390	
-43.5000	-3.1977	-61.8594	
-42.5000	-2.1102	-57.4918	
-41.5000	-1.4485	-52.5503	
-40.5000	-1.4249	-48.6670	
-39.5000	-1.5682	-44.0639	
-38.5000	-2.0740	-38.6925	
-37.5000	-2.8749	-31.8851	
-36.5000	-4.1889	-26.0740	
-35.5000	-6.0717	-13.9767	
-34.5000	-7.7605	-2.2710	
-33.5000	-9.5839	15.5491	
-32.5000	-10.3868		40.3489
-31.5000	-10.7127		54.7819
-30.5000	-11.3817		68.6891
-29.5000	-13.7117		67.3715
-28.5000	-16.2311		56.1293
-27.5000	-17.6817		-9.4451
-26.5000	-11.9822		-39.7502
-25.5000	-6.7453	-48.1599	
-24.5000	-3.3771	-51.2878	
-23.5000	-1.2339	-53.5070	
-22.5000	-0.0851	-53.5570	
-21.5000	0.4109	-53.7354	
-20.5000	-0.0621	-54.2972	
-19.5000	-1.4711	-54.4028	
-18.5000	-4.7025	-58.1534	
-17.5000	-13.3919		-70.6435
-16.5000	-12.9126		147.7219
-15.5000	-3.1195	139.2708	
-14.5000	0.8436	135.5381	
-13.5000	3.1815	136.0179	
-12.5000	4.2635	136.4940	
-11.5000	4.2480	139.2460	
-10.5000	2.8054	145.2872	
-9.5000	-0.5375	161.7749	
-8.5000	-4.1356	-142.3119	
-7.5000	2.1173	-87.5195	
-6.5000	7.7912	-72.9658	
-5.5000	11.6447	-66.9165	
-4.5000	14.4595	-64.2381	
-3.5000	16.5101	-62.6954	
-2.5000	18.0062	-61.8647	
-1.5000	19.0782	-61.5774	
-0.5000	19.7621	-61.4808	
0.5000	20.0972	-61.7252	
1.5000	20.0803	-61.9004	
2.5000	19.6981	-62.3554	
3.5000	18.9007	-63.0727	
4.5000	17.6902	-64.0209	
5.5000	15.9379	-65.6161	
6.5000	13.5843	-68.0308	
7.5000	10.1987	-72.2362	
8.5000	5.4488	-81.4315	
9.5000	-1.7969	-115.7722	
10.5000	-1.5865	169.5713	
11.5000	2.7679	144.5007	

12.5000	4.6956	137.4746
13.5000	5.0436	134.9150
14.5000	4.0895	134.9664
15.5000	1.9287	138.5860
16.5000	-2.3908	148.0979
17.5000	-8.5802	-169.4721
18.5000	-5.6680	-98.8990
19.5000	-0.7454	-79.0763
20.5000	1.7819	-71.3293
21.5000	3.1802	-67.9775
22.5000	3.4828	-65.4741
23.5000	3.0451	-62.2819
24.5000	1.9645	-59.3752
25.5000	-0.1290	-54.7104
26.5000	-3.2541	-47.2096
27.5000	-8.1821	-28.9736
28.5000	-12.2007	27.6114
29.5000	-8.0505	76.4738
30.5000	-4.8798	92.6437
31.5000	-2.8486	99.0422
32.5000	-1.8016	103.9256
33.5000	-1.5890	106.7100
34.5000	-1.9087	107.9662
35.5000	-2.9604	110.1992
36.5000	-3.9024	112.6910
37.5000	-5.7508	113.6331
38.5000	-7.9552	115.1643
39.5000	-10.4248	116.0524
40.5000	-12.5736	117.2932
41.5000	-15.3115	124.9470
42.5000	-17.9045	132.8508
43.5000	-18.1751	139.3773
44.5000	-16.7383	138.2434
45.5000	-15.0575	134.0813
46.5000	-13.9012	135.0111
47.5000	-11.2942	130.3944
48.5000	-10.2560	127.6272
49.5000	-9.0237	121.9349
50.5000	-8.2659	122.4808
51.5000	-7.8652	117.7651
52.5000	-7.2064	115.1917
53.5000	-7.6468	111.3038
54.5000	-7.9339	105.4709
55.5000	-8.0633	100.4229
56.5000	-8.4745	94.5790
57.5000	-9.4304	86.8628
58.5000	-9.7251	81.7492
59.5000	-10.4774	72.8736
60.5000	-11.4583	65.4782
61.5000	-12.2697	58.6882
62.5000	-14.0158	46.9878
63.5000	-15.1796	40.4748
64.5000	-15.2157	34.6221
65.5000	-16.2798	25.6704
66.5000	-16.6394	18.9638
67.5000	-18.0344	3.6337
68.5000	-18.4549	-2.1958
69.5000	-18.8810	-15.9355
70.5000	-20.2879	-27.5680
71.5000	-19.6352	-29.9024
72.5000	-18.6731	-35.4259
73.5000	-18.9983	-42.2342
74.5000	-18.4995	-50.3658
75.5000	-17.7145	-50.5712
76.5000	-17.2714	-63.3755
77.5000	-16.7115	-64.7887
78.5000	-15.8696	-67.0942
79.5000	-15.6031	-75.1763

80.5000	-15.2270	-75.6198
81.5000	-15.6275	-84.8827
82.5000	-15.3105	-84.6628
83.5000	-15.5617	-88.9274
84.5000	-15.4645	-93.2629
85.5000	-15.3123	-98.1383
86.5000	-14.7806	-103.1249
87.5000	-15.8660	-110.6245
88.5000	-15.4240	-109.2076
89.5000	-14.9574	-113.1232
90.5000	-14.8276	-124.2374
91.5000	-15.9017	-128.6655
92.5000	-15.6128	-132.6158
93.5000	-16.0839	-133.3907
94.5000	-15.9170	-138.8388
95.5000	-16.5717	-145.8923
96.5000	-16.7893	-147.7657
97.5000	-17.1852	-154.8148
98.5000	-17.4269	-162.2935
99.5000	-17.7366	-165.4276
100.5000	-18.9007	-174.0763
101.5000	-18.9551	-178.1982
102.5000	-19.2775	177.2353
103.5000	-17.7468	163.9288
104.5000	-18.9131	157.1026
105.5000	-19.2503	148.0461
106.5000	-19.7261	145.2016
107.5000	-20.4381	129.3931
108.5000	-19.2146	123.8166
109.5000	-19.1848	121.0079
110.5000	-20.2990	112.2064
111.5000	-20.4034	93.5003
112.5000	-20.9954	87.6741
113.5000	-23.7830	73.9829
114.5000	-21.8576	65.2694
115.5000	-22.5270	44.6949
116.5000	-23.1593	38.8565
117.5000	-24.8785	29.3354
118.5000	-24.6608	7.1069
119.5000	-24.3414	-8.3333
120.5000	-23.2896	-34.0411
121.5000	-25.8235	-55.2043
122.5000	-25.2174	-68.9751
123.5000	-23.2620	-91.5820
124.5000	-23.6882	-100.7835
125.5000	-22.4708	-115.1183
126.5000	-23.3607	-139.0657
127.5000	-23.3367	-147.4458
128.5000	-21.5016	-176.1297
129.5000	-20.7719	169.8778
130.5000	-21.6139	148.7173
131.5000	-20.9327	138.6791
132.5000	-20.7022	125.2450
133.5000	-20.6797	103.9563
134.5000	-21.1689	91.8896
135.5000	-21.8256	68.7929
136.5000	-25.0591	54.7437
137.5000	-23.8306	18.3639
138.5000	-24.5407	-7.2620
139.5000	-24.3590	-5.4352
140.5000	-24.1627	-50.1297
141.5000	-23.5210	-61.7171
142.5000	-24.8548	-84.7974
143.5000	-22.8365	-101.3283
144.5000	-23.6732	-112.5160
145.5000	-24.4895	-124.8507
146.5000	-23.9645	-159.6854
147.5000	-25.8930	157.3283

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148.5000	-26.2926	155.7455
149.5000	-28.1772	105.4173
150.5000	-25.3642	109.0440
151.5000	-30.1918	69.9800
152.5000	-26.6418	52.2609
153.5000	-29.2109	45.7509
154.5000	-30.4167	20.0395
155.5000	-34.5373	-21.7887
156.5000	-29.9406	-22.6260
157.5000	-34.8427	-65.7393
158.5000	-32.2561	-109.8417
159.5000	-34.2157	-131.0675
160.5000	-33.0029	-135.0726
161.5000	-35.9119	-175.6306
162.5000	-34.8624	-170.9561
163.5000	-33.4757	-172.0983
164.5000	-42.5965	117.6360
165.5000	-37.8707	-63.0498
166.5000	-32.1036	-3.6311
167.5000	-38.6544	8.4820
168.5000	-40.6515	-176.4970
169.5000	-53.3068	-95.4545
170.5000	-34.5646	-97.2331
171.5000	-37.8391	-127.8620
172.5000	-40.7604	-66.0297
173.5000	-36.4604	28.3112
174.5000	-40.4009	-4.7082
175.5000	-34.5270	-24.4621
176.5000	-31.2877	-32.9792
177.5000	-28.2880	-60.6329
178.5000	-27.3343	-37.1235
179.5000	-34.0546	-34.3275