



Measured Composite  
Azimuth Plane Pattern  
Antenna: PSIFMP-2-DA Custom  
Type: 2-Bay Directional FM Antenna  
Polarization: Circular  
Gain: 4.47 (6.5 dB)  
Frequency: 104.1 MHz  
Ref. KZZD Booster

**Propagation Systems Inc.**  
**PO Box 113**  
**Ebensburg, PA 15931**

Fallon, NV

**PROPAGATION SYSTEMS INC.**  
Relative Field Tabulation  
Composite Pattern  
Antenna Model: PSIFMP-2-DA Custom  
Gain: 4.47 (6.5 dBd)

Angle	Relative Field	Power Gain	Gain dB
0	1.000	4.470	6.50
10	0.981	4.302	6.34
20	0.915	3.742	5.73
30	0.809	2.926	4.66
40	0.678	2.055	3.13
50	0.533	1.270	1.04
60	0.395	0.697	-1.56
70	0.274	0.336	-4.74
80	0.181	0.146	-8.34
90	0.115	0.059	-12.28
100	0.076	0.026	-15.88
110	0.057	0.015	-18.38
120	0.050	0.011	-19.52
130	0.043	0.008	-20.83
140	0.028	0.004	-24.55
150	0.011	0.001	-32.67
160	0.021	0.002	-27.05
170	0.037	0.006	-22.13
180	0.046	0.009	-20.24
190	0.045	0.009	-20.43
200	0.037	0.006	-22.13
210	0.038	0.006	-21.90
220	0.055	0.014	-18.69
230	0.071	0.023	-16.47
240	0.083	0.031	-15.12
250	0.090	0.036	-14.41
260	0.100	0.045	-13.50
270	0.131	0.077	-11.15
280	0.190	0.161	-7.92
290	0.280	0.350	-4.55
300	0.392	0.687	-1.63
310	0.522	1.218	0.86
320	0.656	1.924	2.84
330	0.786	2.762	4.41
340	0.893	3.565	5.52
350	0.969	4.197	6.23