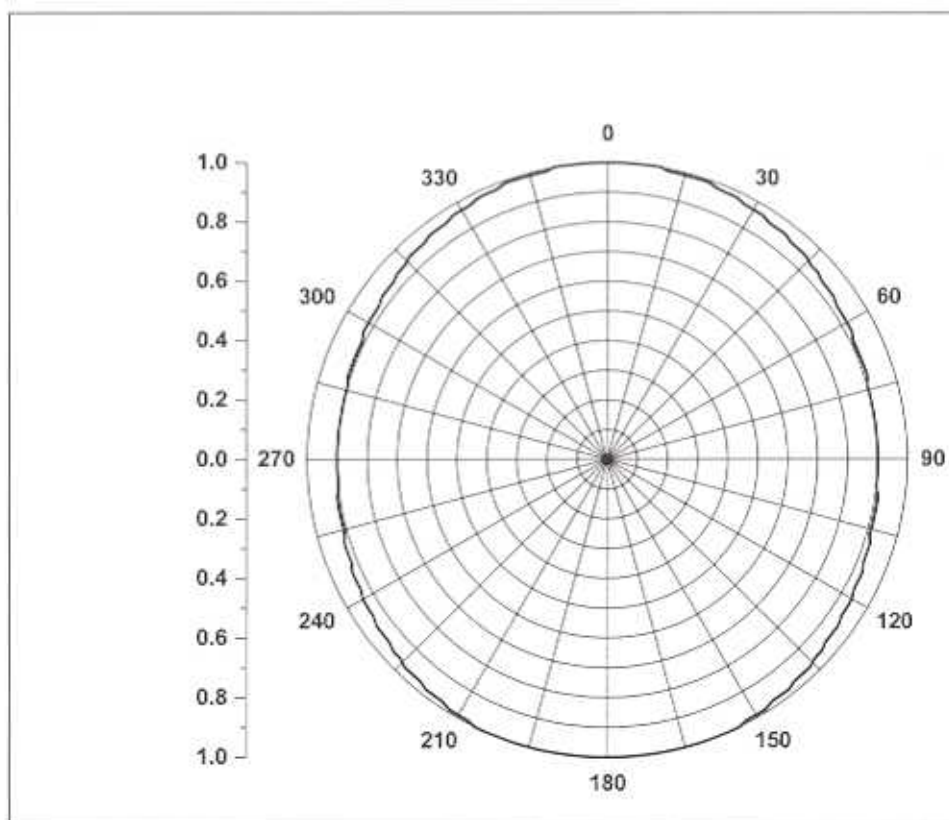


# ECFM-3 Azimuth Pattern ( 360° ) Coverage

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	1.00	60	0.92	120	0.94	180	1.00	240	0.94	300	0.92
10	1.00	70	0.91	130	0.95	190	1.00	250	0.92	310	0.93
20	0.99	80	0.90	140	0.97	200	1.00	260	0.91	320	0.95
30	0.97	90	0.90	150	0.99	210	0.99	270	0.90	330	0.97
40	0.95	100	0.91	160	1.00	220	0.97	280	0.90	340	0.99
50	0.93	110	0.92	170	1.00	230	0.95	290	0.91	350	1.00

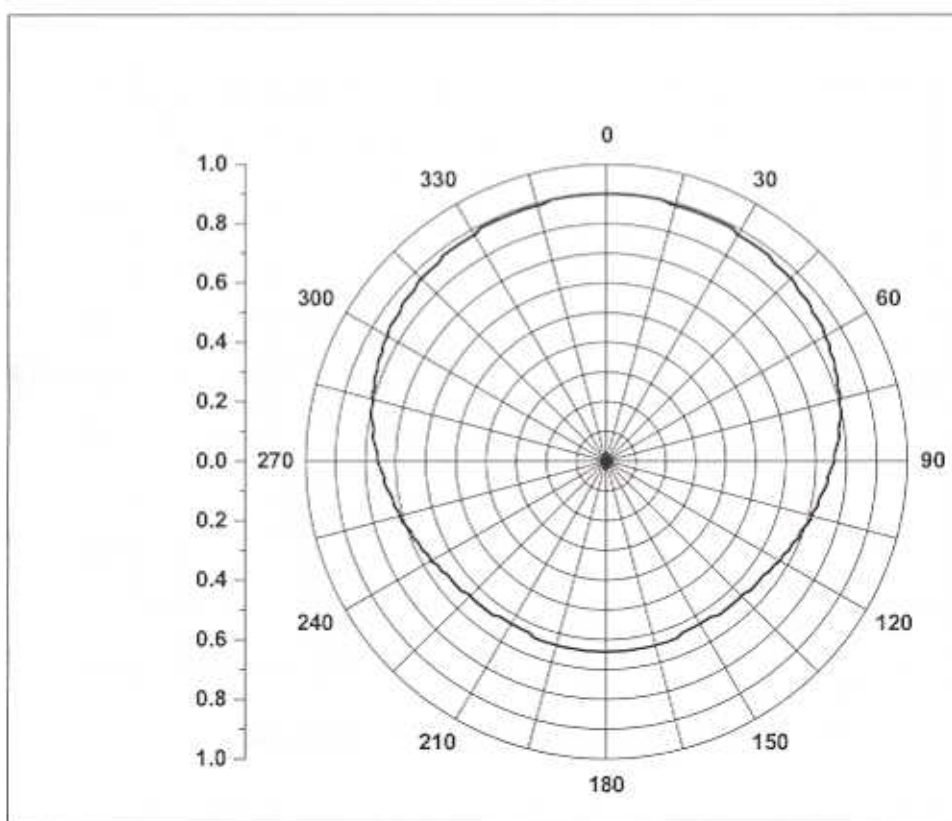


Pattern: ECFM-3 Azimuth ( Horiz. Pol. )  
 Antenna Gain: 1.52 dBdc  
 FCC Data Format  
 Free Space

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# ECFM-3 Azimuth Pattern ( 360° ) Coverage

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.90	60	0.84	120	0.67	180	0.64	240	0.67	300	0.84
10	0.90	70	0.82	130	0.65	190	0.64	250	0.69	310	0.86
20	0.89	80	0.79	140	0.64	200	0.64	260	0.72	320	0.87
30	0.88	90	0.76	150	0.63	210	0.63	270	0.76	330	0.88
40	0.87	100	0.72	160	0.64	220	0.64	280	0.79	340	0.89
50	0.86	110	0.69	170	0.64	230	0.65	290	0.82	350	0.90

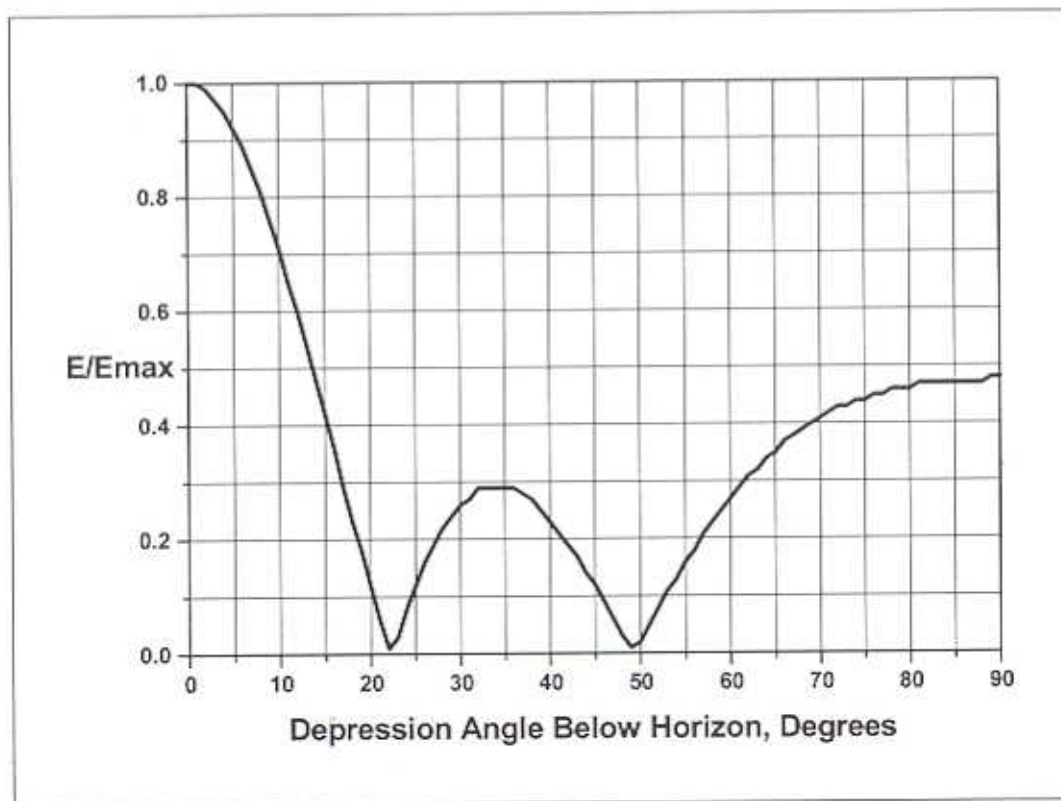


Pattern: ECFM-3 Azimuth ( Vert. Pol. )  
 Antenna Gain: 1.52 dBdc  
 FCC Data Format  
 Free Space  
 Note: Pattern Normalized to Horiz. Pol.

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### ECFM-3 Elevation Pattern

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	1.00	60	0.27	120		180		240		300	
10	0.71	70	0.41	130		190		250		310	
20	0.12	80	0.46	140		200		260		320	
30	0.26	90	0.48	150		210		270		330	
40	0.23	100		160		220		280		340	
50	0.02	110		170		230		290		350	



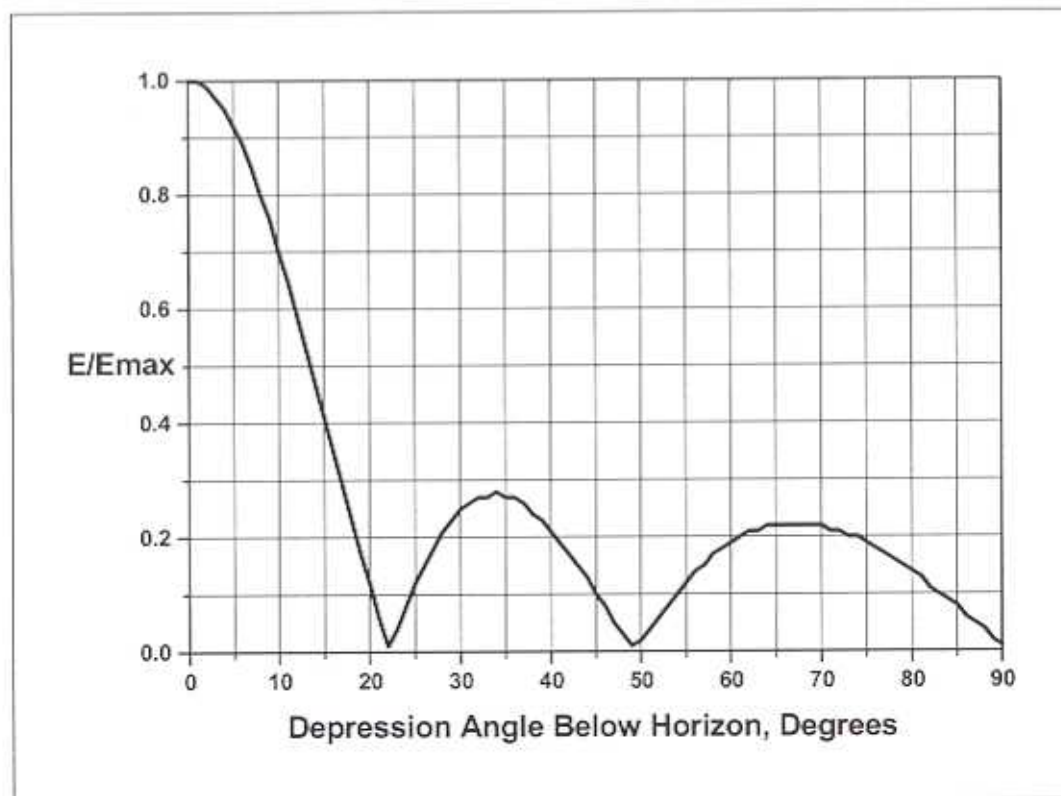
Pattern: ECFM-3 Elevation ( Horiz. Pol. )  
 Antenna Gain: 1.52 dBdc  
 FCC Data Format  
 Free Space

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### ECFM-3 Elevation Pattern

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	1.00	60	0.18	120		180		240		300	
10	0.76	70	0.22	130		190		250		310	
20	0.17	80	0.15	140		200		260		320	
30	0.23	90	0.01	150		210		270		330	
40	0.23	100		160		220		280		340	
50	0.01	110		170		230		290		350	



Pattern: ECFM-3 Elevation ( Vert. Pol. )  
 Antenna Gain: 1.52 dBdc  
 FCC Data Format  
 Free Space

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 Date: 12/08/04  
 DOC #: 938054EV  
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