



SCALA FMV-2 VERTICAL DIPOLE ARRAY
GAIN: 3.5 dBd.
VERTICAL POLARIZATION
VERTICAL STACK
VERTICAL PLANE PATTERN

SCALA

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FMV-2 TWO BAY HALF-WAVE DIPOLE ARRAY
 VERTICAL POLATIZATION - VERTICAL PLANE PATTERN

Azimuth	Relative Field	Relative dB	dBd	Power C
Horizon→90	1.000	0.0	3.5	2.23
91	0.998	-0.0	3.5	2.23
92	0.994	-0.0	3.5	2.23
93	0.988	-0.1	3.4	2.18
94	0.978	-0.2	3.3	2.13
95	0.967	-0.3	3.2	2.08
96	0.953	-0.4	3.1	2.04
97	0.936	-0.6	2.9	1.95
98	0.918	-0.7	2.8	1.90
99	0.896	-0.9	2.6	1.82
100	0.873	-1.2	2.3	1.69
101	0.847	-1.4	2.1	1.62
102	0.820	-1.7	1.8	1.51
103	0.790	-2.0	1.5	1.41
104	0.759	-2.4	1.1	1.28
105	0.726	-2.8	0.7	1.17
106	0.693	-3.2	0.3	1.07
107	0.657	-3.6	-0.1	0.97
108	0.621	-4.1	-0.6	0.87
109	0.584	-4.7	-1.2	0.75
110	0.545	-5.3	-1.8	0.66
111	0.507	-5.9	-2.4	0.57
112	0.468	-6.6	-3.1	0.49
113	0.428	-7.4	-3.9	0.40
114	0.389	-8.2	-4.7	0.33
115	0.350	-9.1	-5.6	0.27
116	0.311	-10.1	-6.6	0.21
117	0.273	-11.3	-7.8	0.16
118	0.235	-12.6	-9.1	0.12
119	0.199	-14.0	-10.5	0.08
120	0.163	-15.8	-12.3	0.05
121	0.128	-17.9	-14.4	0.03
122	0.095	-20.5	-17.0	0.02
123	0.062	-24.1	-20.6	0.00
124	0.032	-30.0	-26.5	0.00
125	0.010	-40.0	-36.5	0.00
126	0.025	-31.9	-28.4	0.00
127	0.051	-25.8	-22.3	0.00
128	0.076	-22.4	-18.9	0.01
129	0.098	-20.1	-16.6	0.02
130	0.119	-18.5	-15.0	0.03
131	0.138	-17.2	-13.7	0.04
132	0.156	-16.2	-12.7	0.05
133	0.171	-15.3	-11.8	0.06
134	0.185	-14.6	-11.1	0.07
135	0.198	-14.1	-10.6	0.08
136	0.208	-13.6	-10.1	0.09
137	0.217	-13.3	-9.8	0.10
138	0.225	-13.0	-9.5	0.11
139	0.231	-12.7	-9.2	0.12
140	0.235	-12.6	-9.1	0.12

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VERTICAL POLATIZATION - VERTICAL PLANE PATTERN

Azimuth	Relative Field	Relative dB	dBd	Power
141	0.239			
142	0.241	-12.4	-8.9	0.1
143	0.242	-12.4	-8.9	0.1
144	0.241	-12.3	-8.8	0.1
145	0.240	-12.3	-8.8	0.1
146	0.238	-12.4	-8.9	0.1
147	0.235	-12.5	-9.0	0.1
148	0.232	-12.6	-9.1	0.1
149	0.227	-12.7	-9.2	0.1
150	0.222	-12.9	-9.4	0.1
151	0.216	-13.1	-9.6	0.1
152	0.210	-13.3	-9.8	0.1
153	0.204	-13.6	-10.1	0.0
154	0.196	-13.8	-10.3	0.0
155	0.189	-14.1	-10.6	0.0
156	0.181	-14.5	-11.0	0.0
157	0.173	-14.8	-11.3	0.0
158	0.165	-15.2	-11.7	0.0
159	0.157	-15.7	-12.2	0.0
160	0.148	-16.1	-12.6	0.0
161	0.139	-16.6	-13.1	0.0
162	0.131	-17.1	-13.6	0.0
163	0.122	-17.7	-14.2	0.0
164	0.113	-18.3	-14.8	0.0
165	0.104	-18.9	-15.4	0.0
166	0.095	-19.6	-16.1	0.0
167	0.087	-20.4	-16.9	0.0
168	0.078	-21.2	-17.7	0.0
169	0.069	-22.2	-18.7	0.0
170	0.060	-23.2	-19.7	0.0
171	0.052	-24.4	-20.9	0.0
172	0.043	-25.7	-22.2	0.0
173	0.035	-27.3	-23.8	0.0
174	0.026	-29.2	-25.7	0.0
175	0.018	-31.7	-28.2	0.0
176	0.010	-35.1	-31.6	0.0
177	0.010	-40.0	-36.5	0.0
178	0.010	-40.0	-36.5	0.0
179	0.015	-40.0	-36.5	0.0
180	0.023	-36.3	-32.8	0.0
		-32.6	-29.1	0.0
	0.138	-17.2	-13.7	0.0
	0.156	-16.2	-12.7	0.0
	0.171	-15.3	-11.8	0.0
	0.185	-14.6	-11.1	0.0
	0.198	-14.1	-10.6	0.0
	0.208	-13.6	-10.1	0.0
	0.217	-13.3	-9.8	0.0
	0.225	-13.0	-9.5	0.0
	0.231	-12.7	-9.2	0.0
	0.238	-12.6	-9.1	0.0

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