



Azimuth Pattern

## Systems With Reliability (SWR, L.P.)

Scale: Linear

Unit: Relative Field

CLIENT: *WDRT (VERTICAL)*

Date: 1/18/2022

ANTENNA TYPE: FMECR/3-PLUS-0.75WS-DA

FREQUENCY: 91.9

PATTERN POL.: Vertical

CIRCULARITY(+/-dB):

AZ. DIRECTIVITY: 2.71354 / 4.34dB

PATTERN RMS: 0.607

## Relative Field Tabulation(Azimuth)

Azimuth Heading	Normalized Field(dB)	Azimuth Heading	Normalized Field(dB)
0	.6740 (-3.43 )	180	.4340 (-7.25 )
5	.7070 (-3.01 )	185	.4535 (-6.87 )
10	.7400 (-2.62 )	190	.4730 (-6.5 )
15	.7445 (-2.56 )	195	.5090 (-5.87 )
20	.7490 (-2.51 )	200	.5450 (-5.27 )
25	.7280 (-2.76 )	205	.6080 (-4.32 )
30	.7070 (-3.01 )	210	.6710 (-3.47 )
35	.6805 (-3.34 )	215	.7490 (-2.51 )
40	.6540 (-3.69 )	220	.8270 (-1.65 )
45	.6120 (-4.26 )	225	.8900 (-1.01 )
50	.5700 (-4.88 )	230	.9530 (-0.42 )
55	.5210 (-5.66 )	235	.9760 (-0.21 )
60	.4720 (-6.52 )	240	.9990 (-0.01 )
65	.4230 (-7.47 )	245	.9995 ( 0 )
70	.3740 (-8.54 )	250	1.0000 ( 0 )
75	.3365 (-9.46 )	255	.9720 (-0.25 )
80	.2990 (-10.49 )	260	.9440 (-0.5 )
85	.2870 (-10.84 )	265	.9010 (-0.91 )
90	.2750 (-11.21 )	270	.8580 (-1.33 )
95	.2765 (-11.17 )	275	.8160 (-1.77 )
100	.2780 (-11.12 )	280	.7740 (-2.23 )
105	.2760 (-11.18 )	285	.7360 (-2.66 )
110	.2740 (-11.24 )	290	.6980 (-3.12 )
115	.2670 (-11.47 )	295	.6765 (-3.39 )
120	.2600 (-11.7 )	300	.6550 (-3.68 )
125	.2440 (-12.25 )	305	.6195 (-4.16 )
130	.2280 (-12.84 )	310	.5840 (-4.67 )
135	.2155 (-13.33 )	315	.5625 (-5 )
140	.2030 (-13.85 )	320	.5410 (-5.34 )
145	.2120 (-13.47 )	325	.5205 (-5.67 )
150	.2210 (-13.11 )	330	.5000 (-6.02 )
155	.2590 (-11.73 )	335	.5020 (-5.99 )
160	.2970 (-10.54 )	340	.5040 (-5.95 )
165	.3420 (-9.32 )	345	.5360 (-5.42 )
170	.3870 (-8.25 )	350	.5680 (-4.91 )
175	.4105 (-7.73 )	355	.6210 (-4.14 )

## Systems With Reliability (SWR, L.P.)

CLIENT: *WDRT (VERTICAL)*

Date: 1/18/2022

ANTENNA TYPE: *FMECR/3-PLUS-0.75WS-DA*

FREQUENCY: *91.9*

PATTERN POL.: *Vertical*

CIRCULARITY(+/-dB):

AZ. DIRECTIVITY: *2.71354 / 4.34dB*

PATTERN RMS: *0.607*