



Azimuth Pattern

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

Scale: Linear

Unit: Relative Field

CLIENT: *WDRT (HORIZONTAL)*

Date: 1/18/2022

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

FREQUENCY: 91.9

PATTERN POL.: Horizontal

CIRCULARITY(+/-dB):

AZ. DIRECTIVITY: 3.28118 / 5.16dB

PATTERN RMS: 0.552

## Relative Field Tabulation(Azimuth)

Azimuth Heading	Normalized Field(dB)	Azimuth Heading	Normalized Field(dB)
0	.3690 (-8.66 )	180	.9910 (-0.08 )
5	.3485 (-9.16 )	185	.9955 (-0.04 )
10	.3280 (-9.68 )	190	1.0000 ( 0 )
15	.3495 (-9.13 )	195	.9935 (-0.06 )
20	.3710 (-8.61 )	200	.9870 (-0.11 )
25	.4155 (-7.63 )	205	.9075 (-0.84 )
30	.4600 (-6.74 )	210	.8280 (-1.64 )
35	.4840 (-6.3 )	215	.7165 (-2.9 )
40	.5080 (-5.88 )	220	.6050 (-4.36 )
45	.4730 (-6.5 )	225	.5005 (-6.01 )
50	.4380 (-7.17 )	230	.3960 (-8.05 )
55	.3615 (-8.84 )	235	.3330 (-9.55 )
60	.2850 (-10.9 )	240	.2700 (-11.37 )
65	.1845 (-14.68 )	245	.2365 (-12.52 )
70	.0840 (-21.51 )	250	.2030 (-13.85 )
75	.1165 (-18.67 )	255	.1850 (-14.66 )
80	.1490 (-16.54 )	260	.1670 (-15.55 )
85	.2325 (-12.67 )	265	.1795 (-14.92 )
90	.3160 (-10.01 )	270	.1920 (-14.33 )
95	.3830 (-8.34 )	275	.2125 (-13.45 )
100	.4500 (-6.94 )	280	.2330 (-12.65 )
105	.4975 (-6.06 )	285	.2480 (-12.11 )
110	.5450 (-5.27 )	290	.2630 (-11.6 )
115	.5900 (-4.58 )	295	.2865 (-10.86 )
120	.6350 (-3.94 )	300	.3100 (-10.17 )
125	.6540 (-3.69 )	305	.3455 (-9.23 )
130	.6730 (-3.44 )	310	.3810 (-8.38 )
135	.7080 (-3 )	315	.4220 (-7.49 )
140	.7430 (-2.58 )	320	.4630 (-6.69 )
145	.7695 (-2.28 )	325	.4835 (-6.31 )
150	.7960 (-1.98 )	330	.5040 (-5.95 )
155	.8310 (-1.61 )	335	.4930 (-6.14 )
160	.8660 (-1.25 )	340	.4820 (-6.34 )
165	.9040 (-0.88 )	345	.4570 (-6.8 )
170	.9420 (-0.52 )	350	.4320 (-7.29 )
175	.9665 (-0.3 )	355	.4005 (-7.95 )

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