



Elevation Pattern

Systems With Reliability Inc.

Scale: Linear

Units: Field, Relative

CLIENT: *Equity Broadcast*
ANTENNA TYPE: SWDDPD 2-0-2-0
FREQUENCY: 201
PATTERN POL.: Horizontal
DIRECTIVITY(Peak): 4.954/6.95 dBd
DIRECTIVITY(Horiz): 4.954/6.95 dBd

Beam Tilt (Deg.) : 0
Null Fill(s)(%) : 0, 0, 0

Relative Field Tabulation

Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)
3.2	.924 (-0.685)	-4.4	.86 (-1.312)	-12.0	.227 (-12.879)
3.0	.933 (-0.601)	-4.6	.847 (-1.438)	-12.2	.21 (-13.547)
2.8	.942 (-0.523)	-4.8	.835 (-1.57)	-12.4	.194 (-14.262)
2.6	.95 (-0.45)	-5.0	.821 (-1.709)	-12.6	.177 (-15.029)
2.4	.957 (-0.383)	-5.2	.808 (-1.854)	-12.8	.161 (-15.858)
2.2	.964 (-0.321)	-5.4	.794 (-2.006)	-13.0	.145 (-16.759)
2.0	.97 (-0.265)	-5.6	.779 (-2.165)	-13.2	.13 (-17.747)
1.8	.976 (-0.215)	-5.8	.765 (-2.331)	-13.4	.114 (-18.84)
1.6	.981 (-0.169)	-6.0	.75 (-2.504)	-13.6	.099 (-20.065)
1.4	.985 (-0.13)	-6.2	.734 (-2.685)	-13.8	.085 (-21.461)
1.2	.989 (-0.095)	-6.4	.718 (-2.872)	-14.0	.07 (-23.086)
1.0	.992 (-0.066)	-6.6	.702 (-3.068)	-14.2	.056 (-25.036)
.8	.995 (-0.042)	-6.8	.686 (-3.272)	-14.4	.042 (-27.486)
.6	.997 (-0.024)	-7.0	.67 (-3.483)	-14.6	.029 (-30.806)
.4	.999 (-0.011)	-7.2	.653 (-3.704)	-14.8	.016 (-36.052)
.2	1.00 (-0.003)	-7.4	.636 (-3.932)	-15.0	.003 (-50.323)
.0	1.00 (0)	-7.6	.619 (-4.17)	-15.2	.009 (-40.637)
-.2	1.00 (-0.003)	-7.8	.601 (-4.418)	-15.4	.021 (-33.45)
-.4	.999 (-0.011)	-8.0	.584 (-4.674)	-15.6	.033 (-29.671)
-.6	.997 (-0.024)	-8.2	.566 (-4.941)	-15.8	.044 (-27.123)
-.8	.995 (-0.042)	-8.4	.548 (-5.219)	-16.0	.055 (-25.218)
-1.0	.992 (-0.066)	-8.6	.53 (-5.507)	-16.2	.065 (-23.708)
-1.2	.989 (-0.095)	-8.8	.512 (-5.807)	-16.4	.075 (-22.469)
-1.4	.985 (-0.13)	-9.0	.494 (-6.119)	-16.6	.085 (-21.426)
-1.6	.981 (-0.169)	-9.2	.476 (-6.443)	-16.8	.094 (-20.533)
-1.8	.976 (-0.215)	-9.4	.458 (-6.78)	-17.0	.103 (-19.758)
-2.0	.97 (-0.265)	-9.6	.44 (-7.132)	-17.2	.111 (-19.079)
-2.2	.964 (-0.321)	-9.8	.422 (-7.498)	-17.4	.119 (-18.479)
-2.4	.957 (-0.383)	-10.0	.404 (-7.88)	-17.6	.127 (-17.946)
-2.6	.95 (-0.45)	-10.2	.386 (-8.279)	-17.8	.134 (-17.471)
-2.8	.942 (-0.523)	-10.4	.367 (-8.695)	-18.0	.14 (-17.047)
-3.0	.933 (-0.601)	-10.6	.349 (-9.131)	-18.2	.147 (-16.667)
-3.2	.924 (-0.685)	-10.8	.332 (-9.588)	-18.4	.153 (-16.326)
-3.4	.915 (-0.775)	-11.0	.314 (-10.067)	-18.6	.158 (-16.021)
-3.6	.905 (-0.87)	-11.2	.296 (-10.57)	-18.8	.163 (-15.748)
-3.8	.894 (-0.972)	-11.4	.279 (-11.1)	-19.0	.168 (-15.505)
-4.0	.883 (-1.079)	-11.6	.261 (-11.659)	-19.2	.172 (-15.289)
-4.2	.872 (-1.193)	-11.8	.244 (-12.251)	-19.4	.176 (-15.098)

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CLIENT: *Equity Broadcast, W19BR*

Date: 5/16/2007

ANTENNA TYPE: SWDDP 2-0-0

FREQUENCY: 503

PATTERN POL.: Horizontal

DIRECTIVITY(Peak): 4.954/6.95 dBd

Beam Tilt (Deg.) : 0

DIRECTIVITY(Horiz): 4.954/6.95 dBd

Null Fill(s)(%) : 0, 0, 0

Relative Field Tabulation

Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)
-19.6	.179 (-14.93)	-27.2	.085 (-21.437)	-54.0	.028 (-31.127)
-19.8	.182 (-14.785)	-27.4	.079 (-22.073)	-55.0	.035 (-29.099)
-20.0	.185 (-14.66)	-27.6	.073 (-22.766)	-56.0	.041 (-27.732)
-20.2	.187 (-14.554)	-27.8	.067 (-23.523)	-57.0	.046 (-26.793)
-20.4	.189 (-14.468)	-28.0	.061 (-24.357)	-58.0	.049 (-26.161)
-20.6	.191 (-14.399)	-28.2	.054 (-25.282)	-59.0	.051 (-25.764)
-20.8	.192 (-14.348)	-28.4	.048 (-26.319)	-60.0	.053 (-25.558)
-21.0	.192 (-14.313)	-28.6	.042 (-27.497)	-61.0	.053 (-25.511)
-21.2	.193 (-14.294)	-28.8	.036 (-28.858)	-62.0	.052 (-25.602)
-21.4	.193 (-14.29)	-29.0	.03 (-30.467)	-63.0	.051 (-25.815)
-21.6	.193 (-14.303)	-29.2	.024 (-32.435)	-64.0	.049 (-26.139)
-21.8	.192 (-14.33)	-29.4	.018 (-34.968)	-65.0	.047 (-26.566)
-22.0	.191 (-14.371)	-29.6	.012 (-38.527)	-66.0	.044 (-27.089)
-22.2	.19 (-14.428)	-29.8	.006 (-44.589)	-67.0	.041 (-27.705)
-22.4	.188 (-14.499)	-30.0	.00 (-50)	-68.0	.038 (-28.411)
-22.6	.187 (-14.584)	-31.0	.028 (-30.935)	-69.0	.035 (-29.205)
-22.8	.184 (-14.684)	-32.0	.054 (-25.284)	-70.0	.031 (-30.087)
-23.0	.182 (-14.798)	-33.0	.077 (-22.221)	-71.0	.028 (-31.059)
-23.2	.179 (-14.926)	-34.0	.097 (-20.267)	-72.0	.025 (-32.122)
-23.4	.176 (-15.07)	-35.0	.113 (-18.96)	-73.0	.022 (-33.28)
-23.6	.173 (-15.228)	-36.0	.125 (-18.096)	-74.0	.019 (-34.538)
-23.8	.17 (-15.402)	-37.0	.132 (-17.567)	-75.0	.016 (-35.903)
-24.0	.166 (-15.591)	-38.0	.136 (-17.31)	-76.0	.014 (-37.384)
-24.2	.162 (-15.796)	-39.0	.137 (-17.289)	-77.0	.011 (-38.992)
-24.4	.158 (-16.018)	-40.0	.134 (-17.481)	-78.0	.009 (-40.742)
-24.6	.154 (-16.256)	-41.0	.128 (-17.875)	-79.0	.007 (-42.653)
-24.8	.149 (-16.512)	-42.0	.119 (-18.469)	-80.0	.006 (-44.749)
-25.0	.145 (-16.787)	-43.0	.109 (-19.271)	-81.0	.004 (-47.064)
-25.2	.14 (-17.082)	-44.0	.097 (-20.298)	-82.0	.003 (-49.641)
-25.4	.135 (-17.396)	-45.0	.083 (-21.58)	-83.0	.002 (-52.542)
-25.6	.13 (-17.733)	-46.0	.069 (-23.172)	-84.0	.002 (-55.859)
-25.8	.125 (-18.092)	-47.0	.055 (-25.17)	-85.0	.001 (-59.729)
-26.0	.119 (-18.476)	-48.0	.041 (-27.753)	-86.0	.001 (-64.382)
-26.2	.114 (-18.887)	-49.0	.027 (-31.315)	-87.0	.00 (-70.244)
-26.4	.108 (-19.327)	-50.0	.014 (-37.028)	-88.0	.00 (-78.257)
-26.6	.102 (-19.798)	-51.0	.002 (-54.505)	-89.0	.00 (-91.397)
-26.8	.097 (-20.304)	-52.0	.009 (-40.691)	-90.0	.00 (-50)
-27.0	.091 (-20.849)	-53.0	.019 (-34.358)	90.0	.00 (-50)

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CLIENT: *Equity Broadcast, W19BR*

Date: 5/16/2007

ANTENNA TYPE: SWDDP 2-0-0

FREQUENCY: 503

PATTERN POL.: Horizontal

DIRECTIVITY(Peak): 4.954/6.95 dBd

Beam Tilt (Deg.) : 0

DIRECTIVITY(Horiz): 4.954/6.95 dBd

Null Fill(s)(%) : 0, 0, 0