



EDX® SignalPro®

Prop. model: Anderson-2D v1.00
 Time: 50.00 % Loc.: 50.00 %
 Margin: 0.00 dB
 Climate: Continental Temperate
 Atm. factor: none
 K factors: 1.333, 1.000, 1.000

Reliability Analysis
 Fade outage method: Vigants-Barnett
 C param. for Vigants-Barnett:
 average prop. conditions: C=1
 ITU-R terrain type: Inland
 ITU-R refract. grad.: 20.0 %
 External interf.: -150.0 dBmW
 Dispersive fade margin: 80.0 dB
 Ant. spacing (diversity): 0.0 m
 Rain outage method: Crane
 Rain region: f

Transmitter Site: BM
 Name: Beeley Moor
 Location:
 N53°12'34.50" W1°33'02.00"
 Site elevation: 364.2 m
 Antenna height: 2.0 m
 Pointing azimuth: 24.1 °
 Transmitter power: -3.00 dBW
 Trans. line loss: 0.00 dB
 Other losses: 0.00 dB
 Antenna gain: 20.00 dBi
 Antenna file:
 Total EIRP: 17.00 dBW

Name: BM ->HH
 Frequency: 2400.0000 MHz
 Polarization: horizontal
 Length: 136.96 km
 Number of obstacles: 0
 Excess path loss: 0.76 dB
 Atm. absorption loss: 0.00 dB
 Path loss for stats: 143.56 dB
 Flat fade margin: 14.48 dB
 Total fade margin: 14.48 dB
 Annual fade outage: 0.00 s
 Annual rain outage: 0.00 s
 Link availability: 99.9999 %

Receiver Site: HH
 Name: Hole of Horcum
 Location:
 N54°19'55.00" W0°41'21.00"
 Site elevation: 284.7 m
 Antenna height: 2.0 m
 Pointing azimuth: 204.1 °
 Trans. line loss: 0.00 dB
 Other losses: 0.00 dB
 Antenna gain: 20.00 dBi
 Antenna file:
 Received signal level: -76.56 dBmW

Notes