



Transmitter Site: MC Name: Muckish Location: N55°06'08.70" W8°00'03.70" Site elevation: 660.5 m Antenna height: 2.0 m Pointing azimuth: 43.5 ° Transmitter power: 35.00 dBW Trans. line loss: 0.00 dB Other losses: 0.00 dB Antenna gain: 35.00 dBi Antenna file: Total EiRP: 70.00 dBW	Name: MC ->BN Frequency: 870.0000 MHz Polarization: horizontal Length: 265.00 km Number of obstacles: 5 Excess path loss: 37.89 dB Atm. absorption loss: 0.00 dB Path loss for stats: 177.60 dB Flat fade margin: 63.64 dB Total fade margin: 63.17 dB Annual fade outage: 36.97 s Annual rain outage: 0.00 s Link availability: 99.9999 %	Receiver Site: BN Name: Ben Nevis Location: N56°47'48.70" W5°00'12.40" Site elevation: 1344.0 m Antenna height: 2.0 m Pointing azimuth: 223.5 ° Trans. line loss: 0.00 dB Other losses: 0.00 dB Antenna gain: 35.00 dBi Antenna file: Received signal level: -42.60 dBmW	<u>Notes</u>
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