

Radio Mobile Online Coverage report

Description	Repeater coverage*
Frequency	146 MHz
Base Name	Repeater site
Latitude	45.04567611 °
Longitude	-84.66830492 °
Latitude	45° 02' 44.43"N
Longitude	084° 40' 05.90"W
QRA	EN75PB
UTM (WGS84)	16T E683627 N4990669
Canada Map Index	41F2
Elevation	423.1 m
Base Antenna Height	30.5 m
Base Antenna Gain	9.2 dBi
Base Antenna Type	omni
Base Antenna Azimuth	0 °
Base Antenna Tilt	0 °
Mobile Antenna Height	2.0 m
Mobile Antenna Gain	2.0 dBi
Tx Power	35.00000 W
Tx Line Loss	2.0 dB
Rx Line Loss	0.5 dB
Rx Threshold	0.500 µV (-113.0 dBm)
Required Reliability	70%
Strong signal margin	10.0 dB
Weak signal field	5.5 dBµV/m
Strong signal field	15.5 dBµV/m
Weak signal covered area	23019 km ²
Strong signal covered area	14431 km ²
Weak signal population reached	308318 pop
Strong signal population reached	183316 pop
Landcover used	Yes
Two rays method used	Yes
User ID	rapplebey
Radio coverage ID	RMD39B51ABB0E0_1
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