

Radio Mobile Online Coverage report

Description	Garm Hi ERP 7dbi 4W PtP 21dbi
Frequency	2310 MHz
Base Name	Portsmouth Garman Farm Ctr
Latitude	41.50763179 °
Longitude	-71.25110996 °
Latitude	41° 30' 27.47"N
Longitude	071° 15' 04.00"W
QRA	FN41IM
UTM (WGS84)	19T E312132 N4597558
Canada Map Index	20E11
Elevation	31.5 m
Base Antenna Height	6 m
Base Antenna Gain	7.0 dBi
Base Antenna Type	omni
Base Antenna Azimuth	0 °
Base Antenna Tilt	0 °
Mobile Antenna Height	6.0 m
Mobile Antenna Gain	21.0 dBi
Tx Power	4.00000 W
Tx Line Loss	0.5 dB
Rx Line Loss	0.5 dB
Rx Threshold	4.000 µV (-95.0 dBm)
Required Reliability	70%
Strong signal margin	10.0 dB
Weak signal field	28.5 dBµV/m
Strong signal field	38.5 dBµV/m
Weak signal covered area	186 km ²
Strong signal covered area	165 km ²
Weak signal population reached	8760 pop
Strong signal population reached	5601 pop
Landcover used	Yes
Two rays method used	Yes
User ID	mcullen19
Radio coverage ID	RM13CF73A651F8_2
Generated on	3/6/2023 5:29:35 PM



