

Radio Mobile Online Coverage report

Description	Garm Hi ERP 21dbi 25dmb
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	3 m
Base Antenna Gain	21.0 dBi
Base Antenna Type	omni
Base Antenna Azimuth	0 °
Base Antenna Tilt	0 °
Mobile Antenna Height	5.0 m
Mobile Antenna Gain	10.0 dBi
Tx Power	0.20000 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	39.5 dBµV/m
Strong signal field	49.5 dBµV/m
Weak signal covered area	150 km ²
Strong signal covered area	113 km ²
Weak signal population reached	4956 pop
Strong signal population reached	3150 pop
Landcover used	Yes
Two rays method used	Yes
User ID	mcullen19
Radio coverage ID	RM13CF73A651F8_0
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