

Radio Mobile Online Coverage report	
Description	Rattlesnake 462.575 MHz
Frequency	462.575 MHz
Base Name	Rattlesnake
Latitude	40.91450300 °
Longitude	-78.00769700 °
Latitude	40° 54' 52.21"N
Longitude	078° 00' 27.71"W
QRA	FN00XV
UTM (WGS84)	17T E751999 N4533578
Canada Map Index	30D16
Elevation	733.1 m
Base Antenna Height	33.5 m
Base Antenna Gain	8.2 dBi
Base Antenna Type	omni
Base Antenna Azimuth	0 °
Base Antenna Tilt	0 °
Mobile Antenna Height	1.3 m
Mobile Antenna Gain	2.2 dBi
Tx Power	36.00000 W
Tx Line Loss	1.5 dB
Rx Line Loss	1.0 dB
Rx Threshold	0.200 µV (-121.0 dBm)
Required Reliability	70%
Strong signal margin	10.0 dB
Weak signal field	7.4 dBµV/m
Strong signal field	17.4 dBµV/m
Weak signal covered area	5311 km ²
Strong signal covered area	3948 km ²
Weak signal population reached	201260 pop
Strong signal population reached	156190 pop
Landcover used	Yes
Two rays method used	Yes
User ID	kc3kvs
Radio coverage ID	RM9CB8E11717DA_0
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