

Radio Mobile Online Coverage report

Description	N7BYU 145.33 MHz
Frequency	145.33 MHz
Base Name	N7BYU
Latitude	40.24857920 °
Longitude	-111.64693952 °
Latitude	40° 14' 54.89"N
Longitude	111° 38' 48.98"W
QRA	DN40EF
UTM (WGS84)	12T E444978 N4455548
Canada Map Index	70D4
Elevation	1420 m
Base Antenna Height	61 m
Base Antenna Gain	6.0 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	50.00000 W
Tx Line Loss	3.0 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	5.4 dBµV/m
Strong signal field	15.4 dBµV/m
Weak signal covered area	5890 km ²
Strong signal covered area	3604 km ²
Weak signal population reached	486074 pop
Strong signal population reached	372999 pop
Landcover used	Yes
Two rays method used	Yes
User ID	k7lu
Radio coverage ID	RMC80D129AFCD8_0
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