

Radio Mobile Online Coverage report

Description	H6 - Repeater Coverage
Frequency	445.525 MHz
Base Name	H6
Latitude	36.03012600 °
Longitude	-114.98894000 °
Latitude	36° 01' 48.45"N
Longitude	114° 59' 20.18"W
QRA	DM26MA
UTM (WGS84)	11S E681195 N3989161
Elevation	601.4 m
Base Antenna Height	5 m
Base Antenna Gain	7.2 dBi
Base Antenna Type	omni
Base Antenna Azimuth	0 °
Base Antenna Tilt	0 °
Mobile Antenna Height	1.5 m
Mobile Antenna Gain	2.0 dBi
Tx Power	25.00000 W
Tx Line Loss	0.5 dB
Rx Line Loss	0.5 dB
Rx Threshold	0.450 µV (-113.9 dBm)
Required Reliability	95%
Strong signal margin	10.0 dB
Weak signal field	14.3 dBµV/m
Strong signal field	24.3 dBµV/m
Weak signal covered area	1754 km ²
Strong signal covered area	1372 km ²
Weak signal population reached	1273210 pop
Strong signal population reached	961687 pop
Landcover used	Yes
Two rays method used	Yes
User ID	k7mlg
Radio coverage ID	RM8092E29F3B04_6
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