

Radio Mobile Online Coverage report

Description	H4 Repeater Coverage
Frequency	447.925 MHz
Base Name	H4
Latitude	36.08459700 °
Longitude	-115.38619800 °
Latitude	36° 05' 04.55"N
Longitude	115° 23' 10.31"W
QRA	DM26HC
UTM (WGS84)	11S E645299 N3994537
Elevation	1469 m
Base Antenna Height	4 m
Base Antenna Gain	8.8 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	30.00000 W
Tx Line Loss	2.0 dB
Rx Line Loss	2.0 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	1264 km ²
Strong signal covered area	1167 km ²
Weak signal population reached	1090719 pop
Strong signal population reached	1073438 pop
Landcover used	Yes
Two rays method used	Yes
User ID	k7mlg
Radio coverage ID	RMEBEFD34BFBBC_0
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