

Radio Mobile Online Coverage report

Description	H5 - Repeater Coverage
Frequency	449.85 MHz
Base Name	H5
Latitude	36.21894000 °
Longitude	-115.99262000 °
Latitude	36° 13' 08.18"N
Longitude	115° 59' 33.43"W
QRA	DM26AF
UTM (WGS84)	11S E590543 N4008703
Elevation	809 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	1194 km ²
Strong signal covered area	854 km ²
Weak signal population reached	24445 pop
Strong signal population reached	20498 pop
Landcover used	Yes
Two rays method used	Yes
User ID	k7mlg
Radio coverage ID	RM8092E29F3B04_5
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