

Radio Mobile Online Coverage report

Description	A1 - Repeater Coverage
Frequency	446.35 MHz
Base Name	A1
Latitude	35.96646700 °
Longitude	-115.09782500 °
Latitude	35° 57' 59.28"N
Longitude	115° 05' 52.17"W
QRA	DM25KX
UTM (WGS84)	11S E671521 N3981902
Elevation	923.9 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	2232 km ²
Strong signal covered area	1918 km ²
Weak signal population reached	1283342 pop
Strong signal population reached	1255883 pop
Landcover used	Yes
Two rays method used	Yes
User ID	k7mlg
Radio coverage ID	RM8092E29F3B04_7
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