

Radio Mobile Online Coverage report

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|----------------------------------|------------------------|
| Description | H2 -Repeater Coverage* |
| Frequency | 449.925 MHz |
| Base Name | H2 |
| Latitude | 36.33383300 ° |
| Longitude | -114.97483300 ° |
| Latitude | 36° 20' 01.80"N |
| Longitude | 114° 58' 29.40"W |
| QRA | DM26MI |
| UTM (WGS84) | 11S E681763 N4022880 |
| Elevation | 1067 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 | 3270 km ² |
| Strong signal covered area | 2675 km ² |
| Weak signal population reached | 1309417 pop |
| Strong signal population reached | 1269876 pop |
| Landcover used | Yes |
| Two rays method used | Yes |
| User ID | k7mlg |
| Radio coverage ID | RM8092E29F3B04_3 |
| Generated on | 9/12/2020 2:53:17 PM |



