

**Radio Mobile Online Coverage report**

Description	Shore Site Ant 24000 MHz
Frequency	24000 MHz
Base Name	Shore_Site_Ant
Latitude	22.36602590 °
Longitude	114.12262380 °
Latitude	22° 21' 57.69"N
Longitude	114° 07' 21.45"E
QRA	OL72BI
UTM (WGS84)	50Q E203674 N2476175
Elevation	50.3 m
Base Antenna Height	38 m
Base Antenna Gain	0.0 dBi
Base Antenna Type	omni
Base Antenna Azimuth	0 °
Base Antenna Tilt	0 °
Mobile Antenna Height	1.5 m
Mobile Antenna Gain	0.0 dBi
Tx Power	0.50100 W
Tx Line Loss	3.0 dB
Rx Line Loss	0.5 dB
Rx Threshold	0.013 $\mu$ V (-145.0 dBm)
Required Reliability	70%
Strong signal margin	6.0 dB
Weak signal field	19.8 dB $\mu$ V/m
Strong signal field	25.8 dB $\mu$ V/m
Weak signal covered area	236 km <sup>2</sup>
Strong signal covered area	159 km <sup>2</sup>
Weak signal population reached	653415 pop
Strong signal population reached	499951 pop
Landcover used	Yes
Two rays method used	Yes
User ID	bhh
Radio coverage ID	RM6A63C7744D8_4
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