

**Radio Mobile Online Coverage report**

Description	Core2 24000 MHz
Frequency	24000 MHz
Base Name	Core2
Latitude	22.30354967 °
Longitude	114.19258118 °
Latitude	22° 18' 12.78"N
Longitude	114° 11' 33.29"E
QRA	OL72CH
UTM (WGS84)	50Q E210754 N2469117
Elevation	13.6 m
Base Antenna Height	62 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	187 km <sup>2</sup>
Strong signal covered area	142 km <sup>2</sup>
Weak signal population reached	2693141 pop
Strong signal population reached	2568245 pop
Landcover used	Yes
Two rays method used	Yes
User ID	bhh
Radio coverage ID	RM5DE341446472_2
Generated on	1/17/2022 7:33:00 AM



