

### Radio Mobile Online Coverage report

Description	Puerto Rico Site 462.700 MHz
Frequency	462.7 MHz
Base Name	Puerto Rico Site
Latitude	18.35607844 °
Longitude	-65.92441141 °
Latitude	18° 21' 21.88"N
Longitude	065° 55' 27.88"W
QRA	FK78AI
UTM (WGS84)	20Q E190933 N2032067
Elevation	102.3 m
Base Antenna Height	7 m
Base Antenna Gain	6.0 dBi
Base Antenna Type	omni
Base Antenna Azimuth	0 °
Base Antenna Tilt	0 °
Mobile Antenna Height	2.0 m
Mobile Antenna Gain	2.0 dBi
Tx Power	20.00000 W
Tx Line Loss	3.0 dB
Rx Line Loss	0.5 dB
Rx Threshold	0.500 µV (-113.0 dBm)
Required Reliability	70%
Strong signal margin	10.0 dB
Weak signal field	15.5 dBµV/m
Strong signal field	25.5 dBµV/m
Weak signal covered area	5471 km <sup>2</sup>
Strong signal covered area	3970 km <sup>2</sup>
Weak signal population reached	999761 pop
Strong signal population reached	645829 pop
Landcover used	Yes
Two rays method used	Yes
User ID	alex51
Radio coverage ID	RMB9A072C1691C_0
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