

Radio Mobile Online Coverage report

Description	FMC Tower 53.09MHz*
Frequency	53.09 MHz
Base Name	FMC Tower
Latitude	39.71741308 °
Longitude	-82.57708880 °
Latitude	39° 43' 02.69"N
Longitude	082° 34' 37.52"W
QRA	EM89RR
UTM (WGS84)	17S E364824 N4397583
Elevation	256 m
Base Antenna Height	60 m
Base Antenna Gain	7.5 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	100.00000 W
Tx Line Loss	3.0 dB
Rx Line Loss	0.5 dB
Rx Threshold	0.500 µV (-113.0 dBm)
Required Reliability	80%
Strong signal margin	10.0 dB
Weak signal field	-3.3 dBµV/m
Strong signal field	6.7 dBµV/m
Weak signal covered area	24387 km ²
Strong signal covered area	17991 km ²
Weak signal population reached	2095847 pop
Strong signal population reached	1784924 pop
Landcover used	Yes
Two rays method used	Yes
User ID	w8of
Radio coverage ID	RMCDF0D324497C_2
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