

Radio Mobile Online Coverage report

Description	Woodys Knob UHF Coverage
Frequency	443.925 MHz
Base Name	Woodys Knob
Latitude	35.87991200 °
Longitude	-82.10434500 °
Latitude	35° 52' 47.68"N
Longitude	082° 06' 15.64"W
QRA	EM85WV
UTM (WGS84)	17S E400315 N3971192
Elevation	1271 m
Base Antenna Height	25 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	35.00000 W
Tx Line Loss	2.0 dB
Rx Line Loss	0.5 dB
Rx Threshold	0.500 μ V (-113.0 dBm)
Required Reliability	70%
Strong signal margin	10.0 dB
Weak signal field	15.1 dB μ V/m
Strong signal field	25.1 dB μ V/m
Weak signal covered area	8515 km ²
Strong signal covered area	5099 km ²
Weak signal population reached	659582 pop
Strong signal population reached	451883 pop
Landcover used	Yes
Two rays method used	Yes
User ID	kc4tvo
Radio coverage ID	RM2926123FF458_2
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