

Radio Mobile Online Coverage report

Description	TSGARC 144.3 MHz
Frequency	144.3 MHz
Base Name	TSGARC
Latitude	51.61146111 °
Longitude	-2.52776742 °
Latitude	51° 36' 41.26"N
Longitude	002° 31' 39.96"W
QRA	IO81RO
UTM (WGS84)	30U E532699 N5717931
Elevation	36.7 m
Base Antenna Height	5 m
Base Antenna Gain	6.0 dBi
Base Antenna Type	omni
Base Antenna Azimuth	0 °
Base Antenna Tilt	0 °
Mobile Antenna Height	0.0 m
Mobile Antenna Gain	0.0 dBi
Tx Power	25.00000 W
Tx Line Loss	1.5 dB
Rx Line Loss	1.5 dB
Rx Threshold	0.500 µV (-113.0 dBm)
Required Reliability	50%
Strong signal margin	10.0 dB
Weak signal field	7.4 dBµV/m
Strong signal field	17.4 dBµV/m
Weak signal covered area	6156 km ²
Strong signal covered area	2818 km ²
Weak signal population reached	1713105 pop
Strong signal population reached	826743 pop
Landcover used	Yes
Two rays method used	Yes
User ID	g0rm
Radio coverage ID	RM9AF8AF18BB3_1
Generated on	5/9/2017 6:06:58 AM



