

**Radio Mobile Online Coverage report**

Description	Funknetz-Celle 430,050 MHz*
Frequency	430 MHz
Base Name	Home
Latitude	52.63065031 °
Longitude	10.05696952 °
Latitude	52° 37' 50.34"N
Longitude	010° 03' 25.09"E
QRA	J052AP
UTM (WGS84)	32U E571536 N5831709
Elevation	38.7 m
Base Antenna Height	15 m
Base Antenna Gain	6.0 dBi
Base Antenna Type	omni
Base Antenna Azimuth	0 °
Base Antenna Tilt	0 °
Mobile Antenna Height	1.0 m
Mobile Antenna Gain	3.0 dBi
Tx Power	10.00000 W
Tx Line Loss	5.0 dB
Rx Line Loss	5.0 dB
Rx Threshold	0.500 µV (-113.0 dBm)
Required Reliability	90%
Strong signal margin	10.0 dB
Weak signal field	13.9 dBµV/m
Strong signal field	23.9 dBµV/m
Weak signal covered area	657 km <sup>2</sup>
Strong signal covered area	151 km <sup>2</sup>
Weak signal population reached	138276 pop
Strong signal population reached	46045 pop
Landcover used	Yes
Two rays method used	Yes
User ID	d12oam
Radio coverage ID	RM3139A1E3D414_4
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