



📶 vodk krem

vodkaman (1)  
 Latitude (°) 55,154301  
 Longitude (°) 36,002059  
 Elevation (m) 223  
 Antenna height (m) 10  
 Antenna type Yagi  
 Antenna azimuth (°) 0  
 Antenna tilt (°) 0  
 Beam azimuth (°) 208,8019  
 Beam tilt (°) 0,6067

Distance (km) 5,621  
 Frequency (MHz) 2300  
 Polarization Vertical  
 Required reliability 0+50+50+70  
 Surface refractivity (N-Units) 301  
 Ground conductivity (S/m) 0,005  
 Relative ground permittivity 15  
 Climate Continental temperate  
 Two rays for LOS Use  
 Landcover Use  
 Tx power (W) 0,2  
 Tx line loss (dB) 2  
 Tx antenna gain (dBi) 18  
 Rx antenna gain (dBi) 15  
 Rx line loss (dB) 1  
 Rx threshold (μV) 1  
 Free space loss (dB) 114,63  
 Terrain loss (dB) 5,98  
 Urban loss (dB) 0  
 Vegetation loss (dB) 0  
 Statistical loss (dB) 4,04  
 Total path loss (dB) 124,65  
 System gain (dB) 160,01  
 Relative antenna gain 1 -6,36  
 Relative antenna gain 2 -19,95  
 Fade margin (dB) 9,05  
 Rx signal (μV) 2,836  
 Tx power (dBm) 23,01  
 Rx threshold (dBm) -107  
 Rx signal (dBm) -97,95

Fade margin (dB) 9,05

kremenskaya (2)  
 Latitude (°) 55,109947  
 Longitude (°) 35,959434  
 Elevation (m) 202  
 Antenna height (m) 72  
 Antenna type Yagi  
 Antenna azimuth (°) 0  
 Antenna tilt (°) 0  
 Beam azimuth (°) 28,7669  
 Beam tilt (°) -0,6573

