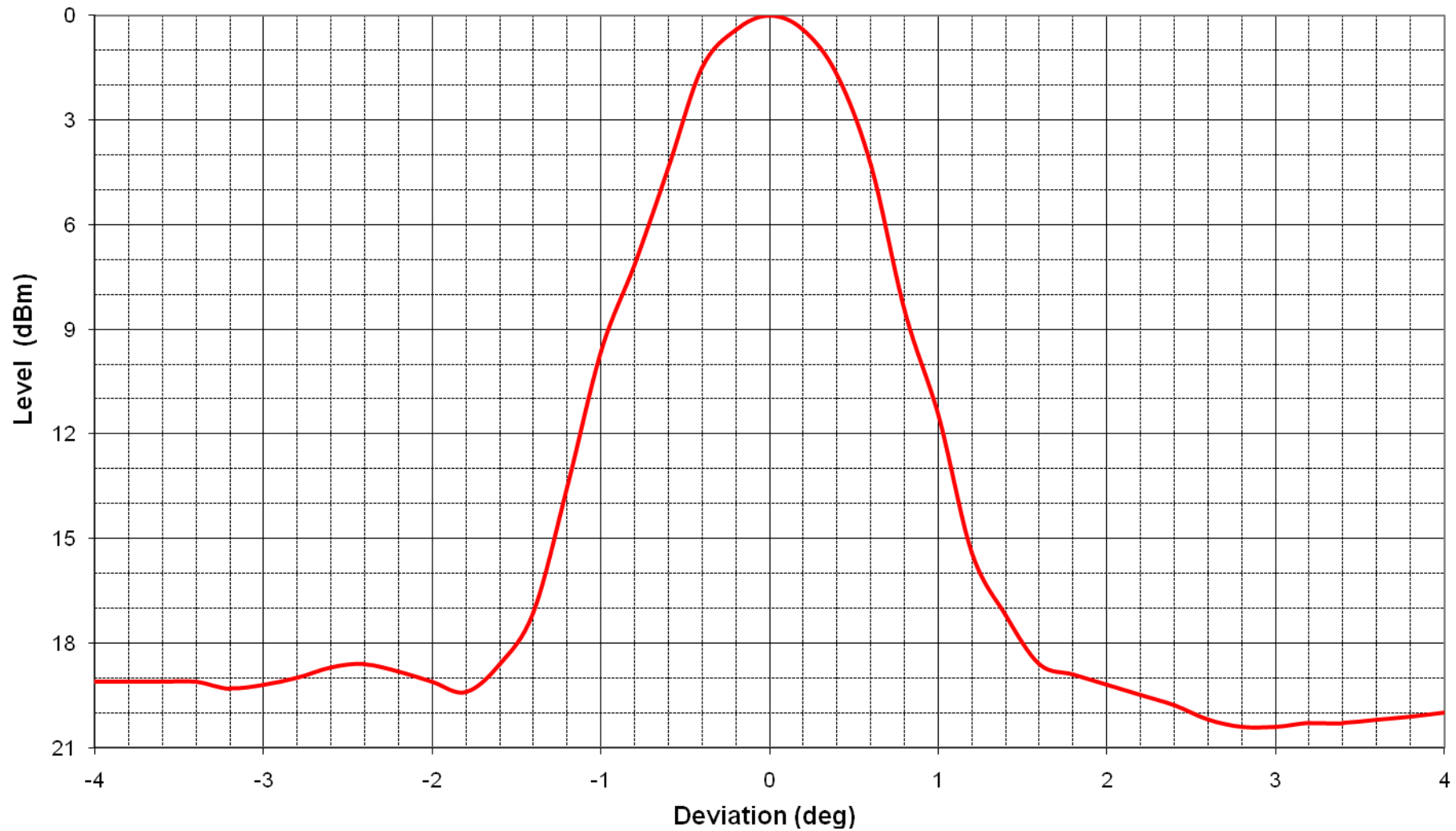


The dish 10m, f/D 0,26, mesh 10x10mm - beamwidth on 2320 MHz

The square feed with four-step septum polarizer



The source – Sun - beamwidth 0,5°, above ground level 55°, SFU= 86, S/N=20,9 dB

Calculation: $G_{\text{ant}} = 45,4$ dBi and $\eta = 60\%$

10.08.2010



The feed for 2,3GHz with LNA situated in the focus of dish 10m



The dish 10m with the feed on 2,3GHz