

VEGA Applications In-Building Penetration

Samara, Russia

Challenge: provide good service inside a large mall 600m from the base station

Solution: VEGA CC12 at 900MHz installed on the BTS tower

Results:

- a. Beam Width of 120m at -3dB covers the building
- b. Excellent signal measured throughout the mall
- c. Unexpected strong signal measured even at the basement (-1 level)

Status:

This solution is still working there successfully since 2006

