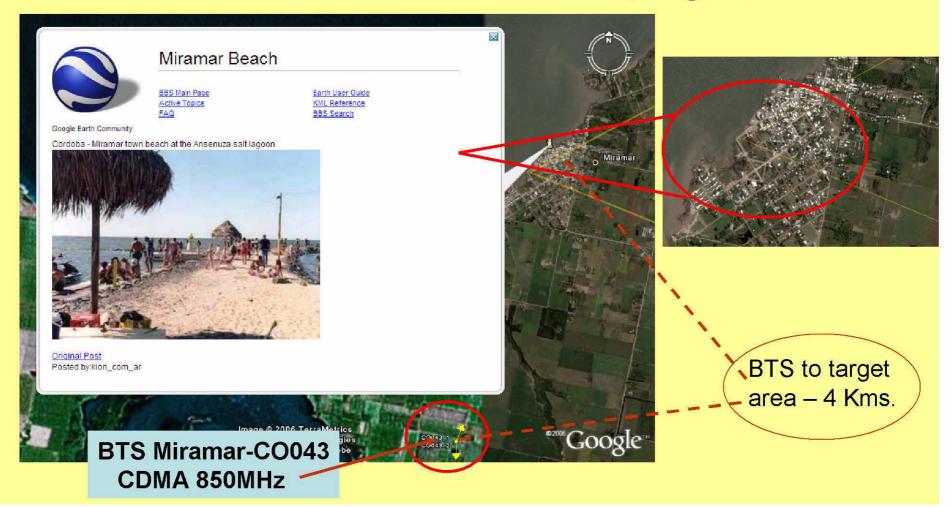
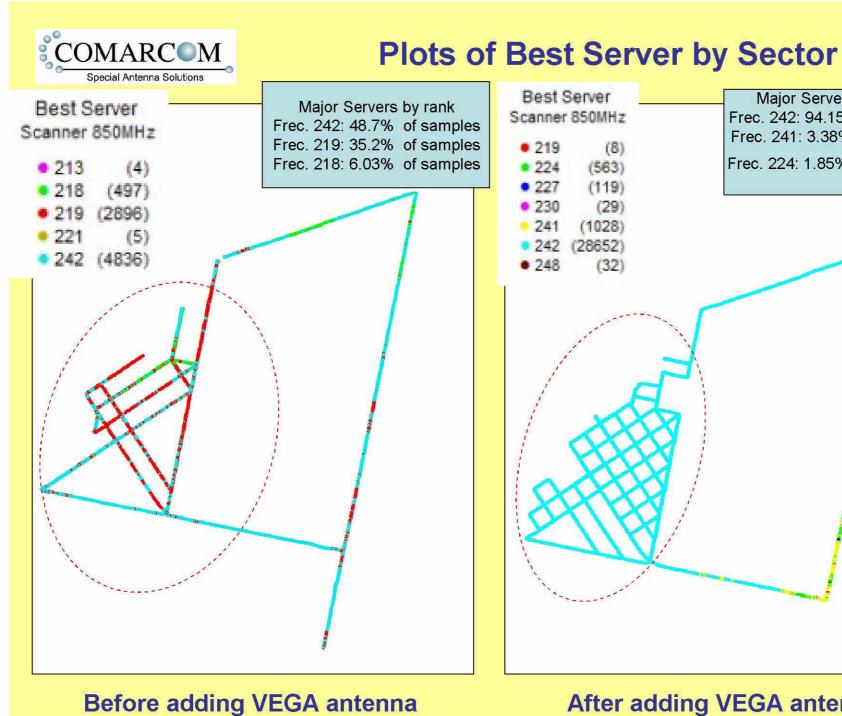
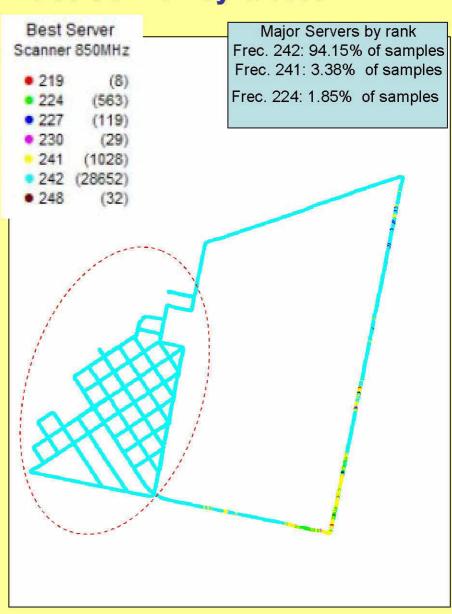


## Coverage Extension and savings on cellular infrastructure

## A solution with the VEGA antenna in Miramar – Cordoba, Argentina



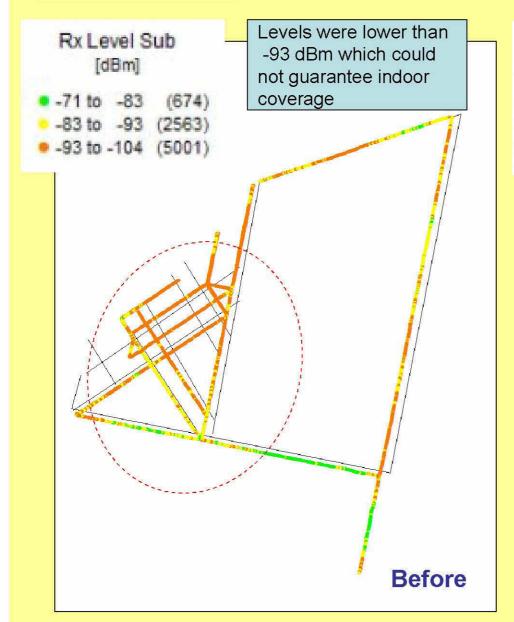




After adding VEGA antenna



## COMARCOM Signal Level with Panel and VEGA antenna

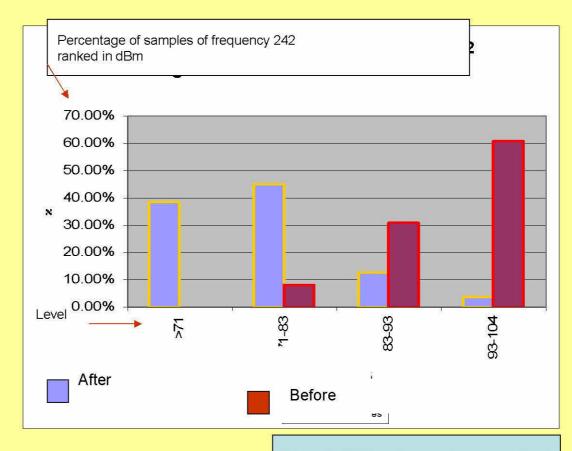






## **Propagation plots channel 242**





The VEGA antenna has created a notable improvement as observed in coverage distribution

Two co-directional antennas are used to save on power combiner losses due to large number of carriers required at this area