



Conclusions

- GNSS receiving antenna with large impedance ground plane has been built;
- antenna has a cut-off pattern in elevation plane with down/up ratio of 20dB at 12 degrees elevation and 45dB at nadir;
- multipath error to positioning in real time falls below system noise level and is estimated to be +/-2mm in vertical coordinate
- certain improvement in data quality compared to traditional Choke Ring antenna is achieved

