

Report to exercise no 2

SUBJECT: Technical and operational parameters of the radar

Laboratory Group Number:

Date of the exercise :

Date of submitting the report:

Name and surname:

Teachers signature:

Final evaluation:

Questions:

1. Describe the effect of the pulse length on detection at short distances.
2. Describe the effect of the pulse length on detection at long distances.
3. Limitations of the radar detection in vertical plane.
4. Limitations of the radar detection in horizontal plane.
5. Explain influence of A/C Sea and A/C Rain on angular width and radial length of echo.

Answers: