

Posudek oponenta bakalářské práce

Autor práce: Ignat CHESTIKOV

Název práce: Measurement of Electromagnetic Field According to Health and Safety Legislation

Splnění zadání

splněno

Zhodnocení odborné úrovně práce

The submitted bachelor thesis meets all the points of the assignment, but in my opinion only to the minimum necessary extent. A lot of information is incomplete or so simplified that it is not very suitable for a professional text such as a bachelor's thesis. In particular, the chapter on measurement is very brief and insufficiently described. According to the described procedure, it would not be possible to repeat the measurement and verify the achieved results.

Zhodnocení formální úrovně a práce s literaturou

There are several errors and typos in the text, such as the magnetic field strength with Tesla units. Some images in the theoretical part of the text are of poor quality and the graphs in the measurement results have a confusingly selected x-axis. The literature used is sufficient for the bachelor's thesis level.

Doporučení k obhajobě

Doporučuji k obhajobě

Dotazy k práci

1. I miss the formulas and calculation example according to which you determined the limit values for your measurements. Can you please add them?
2. Please complete how you set up the ESR 7 spectrum receiver for your measurements?
3. Please show the table from which you determined the measured frequency peaks. In my opinion, for example, aeronautical and maritime navigation services are not very common in the Czech Republic.

V _____ dne _____

Ing. Miroslav Hromádka, Ph.D.