SUPERVISOR'S OPINION OF FINAL THESIS

I. IDENTIFICATION DATA

Thesis name:	**Non-Line of Sight Visible Light Communication**
Author's name:	**Ezgi Ertunç**
Type of thesis :	master
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Department of Circuit Theory
Thesis supervisor:	Prof. Ing. Stanislav Zvánovec, Ph.D.
Supervisor's department:	Department of Electromagnetic Field

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	**ordinarily challenging**

Evaluation of thesis difficulty of assignment.

The main task in the diploma thesis was to analyticaly and experimentaly analyse utilization of non line-of-sight visible light communication.

Satisfaction of assignment	**fulfilled**

Assess that handed thesis meets assignment. Present points of assignment that fell short or were extended. Try to assess importance, impact or cause of each shortcoming.

All tasks including measurement and simulations have been met. Student experimentally tested VLC communication with utilization of reflective materials and performed simulations of indoor coverage with focus on characteristic of impulse responses for particular selected cases.

Activity and independence when creating final thesis	**C - good.**

Assess that student had positive approach, time limits were met, conception was regularly consulted and was well prepared for consultations. Assess student's ability to work independently.

The tasks were solved on the last minute with extended date for submission because student needed more time for proper processing.

Technical level	**C - good.**

Assess level of thesis specialty, use of knowledge gained by study and by expert literature, use of sources and data gained by experience.

General level of utilization of literature sources

Formal and language level, scope of thesis	**D - satisfactory.**

Assess correctness of usage of formal notation. Assess typographical and language arrangement of thesis.

The written part of thesis includes several typos. Unfortunately I had opportunity to see the thesis just only few days before the submission and had no chance to influence text more in detail.

Selection of sources, citation correctness	**B - very good.**

Present your opinion to student's activity when obtaining and using study materials for thesis creation. Characterize selection of sources. Assess that student used all relevant sources. Verify that all used elements are correctly distinguished from own results and thoughts. Assess that citation ethics has not been breached and that all bibliographic citations are complete and in accordance with citation convention and standards.

Majority of relevant sources are used, just only few of them missing.

Additional commentary and evaluation

Present your opinion to achieved primary goals of thesis, e.g. level of theoretical results, level and functionality of technical or software conception, publication performance, experimental dexterity etc.

Could you better explain derived impulse responses for particular cases?

III. OVERALL EVALUATION, QUESTIONS FOR DEFENSE, CLASSIFICATION SUGGESTION

Summarize thesis aspects that swayed your final evaluation.

I evaluate handed thesis with classification grade **C - good.**

Date: **21.8.2018**   Signature: