	GRAS SIMULATION SUMMARY	Order number: 123456789
	Simulace zařízení UIEHTGUWEIFGHS298	Generated on: 2025-05-22 13:10:59

1. SCOPE OF THE SIMULATION

This document presents the results of computer simulations for radiation analysis performed using a local copy of GRAS (version 5.0.1) in combination with Geant4 version 10.07 (patch 2) for L²SIM project 123456789.

The simulation was performed for the following analyzed volumes:

- TPS_BDS-CISHAB-MDL-0002-ELV214_v007-ELV214_v6-NA1-FP011-FP10telo001_Silicon_PV
- TPS_BDS-CISHAB-MDL-0002-ELV214_v007-ELV214_v6-U1-AD585_Silicon_PV
- TPS_BDS-CISHAB-MDL-0002-ELV214_v007-ELV214_v6-NA1-FP011-FP10telo001_Silicon_PV
- TPS_BDS-CISHAB-MDL-0002-ELV214_v007-ELV214_v6-VT1-LCC3_Silicon_PV

Table [1.1] shows parts of the spectrum used in the simulation.

Table 1.1: Parts of the spectrum used in the simulation

PART OF THE SPECTRUM	NUMBER OF EVENTS
{Part of the spectrum – SP, TP, TE = podle názvu souboru}	{NoE – GRAS mod. COMMON}

Performed analysis is summarized in table [1.2].

Table 1.2: Performed analysis parts of the spectrum used in the simulation

ANALYSIS MODULE	UNIT
{Analysis module – GRAS module type}	{Unit – ? always same for all output of 1 analysis module?}

{Analysis module – GRAS_MODULE_TYPE}
DOSE … TID analysis
NIEL … TNID analysis
LET … LET analysis
FLUENCE … Fluence analysis