

Aeroradiometric Measurements in the Framework of the Swiss Exercise ARM13

Gernot Butterweck¹, Benno Bucher², Ladislaus Rybach³, Georg Schwarz²,
Eike Hohmann¹, Sabine Mayer¹, Cristina Danzi⁴, Gerald Scharding⁴

- 1 Division for Radiation Safety and Security, Paul Scherrer Institute (PSI),
5232 Villigen PSI, Switzerland
- 2 Swiss Federal Nuclear Safety Inspectorate (ENSI), Industriestrasse 19,
5200 Brugg, Switzerland
- 3 Institute of Geophysics, Swiss Federal Institute of Technology Zürich (ETHZ),
8092 Zürich, Switzerland
- 4 Swiss National Emergency Operations Center (NEOC),
8044 Zürich, Switzerland

Paul Scherrer Institut (PSI)
5232 Villigen PSI, Switzerland
Tel. +41 56 310 21 11
Fax +41 56 310 21 99

CONTENTS

1	INTRODUCTION	1
1.1	Measuring System	1
1.2	Measuring flights	2
1.3	Data evaluation	3
1.4	Data presentation	3
2	RESULTS OF THE MEASURING FLIGHTS	5
2.1	Recurrent measurement area KKG	6
2.2	Recurrent measurement area KKM	9
2.3	Biel/Bienne	12
2.4	Thun	15
2.5	Kander valley	18
2.6	Thun Military training ground	21
2.7	Flight Berne – Zurich	27
3	CONCLUSIONS	28
4	LITERATURE	28
5	PREVIOUS REPORTS	29
6	EVALUATION PARAMETER FILES	31
6.1	DefinitionFile_Processing.txt	31
6.2	DefinitionFile_DetC.txt	32