

ISO 17520:2016-04 (E)

Space environment (natural and artificial) - Cosmic ray and solar energetic particle penetration inward the magnetosphere - Method of determination of the effective vertical cut-off rigidity

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Terms and definitions	1
3	General concepts and assumptions	3
3.1	Determination of effective vertical cut-off rigidity	3
3.2	Models of the employed geomagnetic field	3
3.3	Effective vertical cut-off rigidity databases (libraries)	4
3.4	Method for effective vertical cut-off data generalization	4
4	Model requirements	4
4.1	General	4
4.2	Parameterization	4
Annex A (informative) Effective vertical cut-off determination procedure		5
Annex B (informative) Presentation of the results		6
Annex C (informative) Method for effective vertical cut-off data generalization for different conditions		7
Bibliography		11