Feature	EPFD software for ITU-R	Visualyse EPFD
Implements algorithm in Recommendation ITU-R S.1503-2	✓	✓
Tested against an independently implementation of Recommendation ITU-R S-1503-2	✓	✓
Calculates worst case geometry (WCG) for EPFD(down), EPFD(up) and EPFD(IS)	✓	✓
Allows manual definition of geometry to use for EPFD(down), EPFD(up) and EPFD(IS) runs		✓
Automatically calculates run duration and time step for EPFD(down), EPFD(up) and EPFD(IS) runs	✓	✓
Allows manual definition of run duration and time step to use for EPFD(down), EPFD(up) and EPFD(IS) runs		✓
Calculates aggregate EPFD for EPFD(down), EPFD(up) and EPFD(IS) cases	✓	✓
Calculates cumulative distribution function (CDF) of aggregate EPFD for EPFD(down), EPFD(up) and EPFD(IS) runs	✓	✓
Compares aggregate EPFD CDF against thresholds in Article 22 of the Radio Regulations to give pass/fail decision	✓	✓
Ability to execute only a single run at a time	✓	✓
Graphical user interface (GUI) with world map		✓
Ability to show locations of satellites and Earth stations on map		✓
Run interactively with GUI updating		✓
Run single by step updates with GUI updating		✓
Ability to show components of the EPFD calculation		✓
Ability to show additional geometric parameters		✓
Ability to output all single entry EPFD contributions for current time step		✓
Updating chart that shows the CDFs and how they build up during a run		✓
Ability to use speed-up time step calculation options	✓	✓
Ability to use analytic alpha calculation options		✓
Ability to save during a run and re-load to run at a later time		✓
Generate a run report as RTF file with full statistics output		✓
Technical support		✓
Option for training in use of software and to understand algorithm		✓