

Description of EPFD validation and results of examination

Input parameters

Mask link data

Mask Id.	Direction	Minimum frequency, MHz	Maximum frequency, MHz	Linked orbit IDs / Satellite IDs
1	↓	17800	20200	All
2	↔	17800	18600	All
5	↑	27500	30000	All

Common SNS Data

Common

A.4.b.7.d.1 Exclusion zone type	A.4.b.7.d.1 Exclusion zone size, degrees
Y - topocentric angle (earth based)	10

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
1200/1200/80	No keeping	Default

Uplink

A.4.b.7.b Earth station density (1/km ²)	A.4.b.7.c Average distance (km)	A.4.b.7.a number of satellites receiving simultaneously
1E-10	10000	1

Downlink

A.4.b.6.a Number of satellites transmitting to any latitude within corresponding range		
From latitude	To latitude	Number
-90	90	1

Group table

Beam(s)	Direction	Minimum frequency, MHz	Maximum frequency, MHz	A.4.b.7.cbis Minimum elevation angle
KAU	R	27500	30000	64
KAD	E	18000	20200	50

Results

B1A Beam designation	B2 Emi-Rcp	BR7a Group id./ Target Group id.	GHz	Orbital planes id. no.	Mask ID	Article 22 Limit	Result	Article 22 Examination
KAU	R	318750630 / 118734921	27.5-28.1	1	5	TABLE 22-2	Pass	Favorable
KAU	R	318750632 / 118734929	29.5-30	1	5	TABLE 22-2	Pass	Favorable
KAD	E	318750626 / 118734933	19.7-20.2	1	1	TABLE 22-1C	Pass	Favorable
KAD	E	318750628 / 118734936	18-18.6	1	1, 2	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable

Notes:

- Findings are promulgated as favorable when all applicable limits in Article 22 are met for given group of frequency assignments in all applicable scenarios.
- The Result column can be either Pass or Fail (see Rec. ITU-R S.1503-2). N/A (Non Applicable) refers to the case when an applicable Article 22 limit is not examined in the current scenario.
- Qualified Favorable is established due to continuous application of Resolution 85 (WRC-03) on request by the notifying administration.