

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	↓	17900	18000	All
2	↔	17900	18000	All
3	↑	27900	28000	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)	0

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
605.8/605.8/98	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-06	1000	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
KAUN	R	27950	27970	5
KAU	R	27900	27920	5
KADN	E	17950	17970	5
KAD	E	17900	17920	5

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	319840149 / 119669872	27.9-27.92	1	3	TABLE 22-2	Pass	Favorable
KAUN	R	319840150 / 119669873	27.95- 27.97	1	3	TABLE 22-2	Pass	Favorable
KAD	E	319840147 / 119669869	17.9-17.92	1	1, 2	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KADN	E	319840148 / 119669871	17.95- 17.97	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.

3. Qualified Favorable is established due to continuous application of Resolution 85 (WRC-03) on request by the notifying administration.