

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	18600	All
2	↔	17800	18600	All
5	↑	27600	28400	All

Common SNS Data

Common

A.4.b.7.d.1 Exclusion zone type	A.4.b.7.d.1 Exclusion zone size, degrees
N - satellite based angle	10

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
850/850/86	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
4E-06	999.9	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
KAU1, KAU2, KAU3, KAU4	R	27600	28400	10
KAD1, KAD2, KAD3, KAD4	E	17800	18600	10

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
KAU1	R	319839655 / 119617749 319839656 / 119617750	27.6-28.4	1 - 12	5	TABLE 22-2	Pass	Favorable
KAU2	R	319839657 / 119617753 319839658 / 119617754	27.6-28.4	1 - 12	5	TABLE 22-2	Pass	Favorable
KAU3	R	319839659 / 119617757 319839660 / 119617758	27.6-28.4	1 - 12	5	TABLE 22-2	Pass	Favorable
KAU4	R	319839661 / 119617761 319839662 / 119617762	27.6-28.4	1 - 12	5	TABLE 22-2	Pass	Favorable
KAD1	E	319839647 / 119617765 319839648 / 119617766	17.8-18.6	1 - 12	1, 2	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD2	E	319839649 / 119617769 319839650 / 119617770	17.8-18.6	1 - 12	1, 2	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD3	E	319839651 / 119617773 319839652 / 119617774	17.8-18.6	1 - 12	1, 2	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD4	E	319839653 / 119617777 319839654 / 119617778	17.8-18.6	1 - 12	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.

2. 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.