

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	↑	12700	14500	All
2	↔	10700	12750	All
3	↓	10700	12750	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)	20

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
575/575/97.7	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
2.8E-05	190	1

Downlink

A.4.b.6.a Number of satellites transmitting to any latitude within corresponding range		
From latitude	To latitude	Number
-90	90	140

Group table

Beam(s)	Direction	Minimum frequency, MHz	Maximum frequency, MHz	A.4.b.7.cbis Minimum elevation angle
KU1	R	12600	14500	10
KUA	E	10700	12750	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
KU1	R	320760840 / 120623215 320760841 / 120623216	12.6-12.85	1 - 7	1	TABLE 22-2	Pass	Favorable
KUA	E	320760825 / 120623200	10.7-11.45	1 - 7	2, 3	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KUA	E	320760828 / 120623203 320760829 / 120623204	11.7-12.2	1 - 7	3	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	N/A Pass N/A 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.