

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	↑	14000	14495	All
2	↔	10700	12725	All
3	↓	10700	12725	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)	22

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
600/600/98	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
2.59E-06	1370	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
RKU	R	14000	14495	57
TKU	E	10700	12725	57

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
RKU	R	322772193 / 122642451	14-14.495	1	1	TABLE 22-2	Pass	Favorable
RKU	R	322772194 / 122642452	14-14.275	1	1	TABLE 22-2	Pass	Favorable
RKU	R	322772195 / 122642453	14.275- 14.495	1	1	TABLE 22-2	Pass	Favorable
TKU	E	322772187 / 122642445 322772188 / 122642446	10.7-11.7	1	2, 3	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
TKU	E	322772189 / 122642447 322772190 / 122642448	11.7-12.45	1	3	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
TKU	E	322772191 / 122642449 322772192 / 122642450	12.45- 12.725	1	2, 3	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass 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.