

## 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	↓	3700	4200	All
2	↑	5925	6700	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	7.1

##### Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
680/680/88 680/680/98.1	No keeping	Default

##### Uplink

A.4.b.7.b Earth station density (1/km <sup>2</sup> )	A.4.b.7.c Average distance (km)	A.4.b.7.a number of satellites receiving simultaneously
1	0	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
RC1	R	5925	6700	0
TC1	E	3700	4200	0

### 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
RC1	R	118633479	5.925- 6.025	1 - 8	2	TABLE 22-2	Pass	Favorable
RC1	R	118633480	6-6.1	1 - 8	2	TABLE 22-2	Pass	Favorable
RC1	R	118633481	6.025- 6.125	1 - 8	2	TABLE 22-2	Pass	Favorable
RC1	R	118633482	6.1-6.2	1 - 8	2	TABLE 22-2	Pass	Favorable
RC1	R	118633483	6.125- 6.225	1 - 8	2	TABLE 22-2	Pass	Favorable
RC1	R	118633484	6.2-6.3	1 - 8	2	TABLE 22-2	Pass	Favorable
RC1	R	118633485	6.225- 6.325	1 - 8	2	TABLE 22-2	Pass	Favorable
RC1	R	118633486	6.3-6.4	1 - 8	2	TABLE 22-2	Pass	Favorable
RC1	R	118633487	6.325- 6.425	1 - 8	2	TABLE 22-2	Pass	Favorable
RC1	R	118633488	6.4-6.5	1 - 8	2	TABLE 22-2	Pass	Favorable
RC1	R	118633489	6.425- 6.525	1 - 8	2	TABLE 22-2	Pass	Favorable
RC1	R	118633490	6.5-6.6	1 - 8	2	TABLE 22-2	Pass	Favorable
RC1	R	118633491	6.525- 6.625	1 - 8	2	TABLE 22-2	Pass	Favorable
RC1	R	118633492	6.6-6.7	1 - 8	2	TABLE 22-2	Pass	Favorable
TC1	E	118633470	3.7-3.8	1 - 8	1	TABLE 22-1E	Fail	Unfavorable

TC1	E	118633471	3.75-3.85	1 - 8	1	TABLE 22-1E	Fail	Unfavorable
TC1	E	118633472	3.8-3.9	1 - 8	1	TABLE 22-1E	Fail	Unfavorable
TC1	E	118633473	3.85-3.95	1 - 8	1	TABLE 22-1E	Fail	Unfavorable
TC1	E	118633474	3.9-4	1 - 8	1	TABLE 22-1E	Fail	Unfavorable
TC1	E	118633475	3.95-4.05	1 - 8	1	TABLE 22-1E	Fail	Unfavorable
TC1	E	118633476	4-4.1	1 - 8	1	TABLE 22-1E	Fail	Unfavorable
TC1	E	118633477	4.05-4.15	1 - 8	1	TABLE 22-1E	Fail	Unfavorable
TC1	E	118633478	4.1-4.2	1 - 8	1	TABLE 22-1E	Fail	Unfavorable

Notes:

1. 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.