

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
7	↓	18600	21200	All
8	↑	28500	30000	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)	10

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
20185/20185/53.1	Keeping	Specific

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	999.9	3

Downlink

A.4.b.6.a Number of satellites transmitting to any latitude within corresponding range		
From latitude	To latitude	Number
-90	90	3

Group table

Beam(s)	Direction	Minimum frequency, MHz	Maximum frequency, MHz	A.4.b.7.cbis Minimum elevation angle
RKAB	R	29500	30000	0
RKAA	R	28500	28600	0
TKAC	E	19700	20200	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
RKAA	R	318750564 / 118708264 318750565 / 118708265 318750566 / 118708266 318750567 / 118708267 318750568 / 118708268 318750569 / 118708269 318750570 / 118708330 318750571 / 118708331 318750572 / 118708332 318750573 / 118708333 318750574 / 118708334 318750575 / 118708335	28.5-28.6	1 - 8	8	TABLE 22-2	Pass	Favorable
RKAB	R	318750576 / 118708270 318750577 / 118708271 318750578 / 118708272 318750579 / 118708273 318750580 / 118708274 318750581 / 118708275 318750582 / 118708318 318750583 / 118708319 318750584 / 118708320 318750585 / 118708321	29.5-30	1 - 8	8	TABLE 22-2	Pass	Favorable

		318750586 / 118708322 318750587 / 118708323						
TKAC	E	318750552 / 118708288 318750553 / 118708289 318750554 / 118708290 318750555 / 118708291 318750556 / 118708292 318750557 / 118708293 318750558 / 118708324 318750559 / 118708325 318750560 / 118708326 318750561 / 118708327 318750562 / 118708328 318750563 / 118708329	19.7-20.2	1 - 8	7	TABLE 22-1C	Pass	Favorable

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.