

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
3	↑	27500	28600	All
4	↑	29500	30000	All
12	↓	17800	18600	All
13	↓	19700	20200	All
22	↔	17800	18600	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)	5

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
1175/1175/86.5 1048/1048/86.5	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
0.0001	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	864

Group table

Beam(s)	Direction	Minimum frequency, MHz	Maximum frequency, MHz	A.4.b.7.cbis Minimum elevation angle
KAU4	R	29500	30000	20
KAU1	R	27500	28600	20
KAD5	E	19700	20200	20
KAD2	E	17800	18600	20

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	319851405 / 119621739 319851406 / 119621758 319851407 / 119621762 319851408 / 119621763 319851409 / 119621764 319851410 / 119621765 319851411 / 119621766 319851412 / 119621767 319851413 / 119621768 319851414 / 119621769 319851415 / 119621770 319851416 / 119621771 319851417 / 119621772 319851418 / 119621773 319851419 / 119621774 319851420 / 119621775	27.5-28.6	1 - 36	3	TABLE 22-2	Pass	Favorable
KAU4	R	319851421 / 119621744	29.5-30	1 - 36	4	TABLE 22-2	Pass	Favorable

		319851422 / 119621760 319851423 / 119621804 319851424 / 119621805 319851425 / 119621806 319851426 / 119621807 319851427 / 119621808 319851428 / 119621809 319851429 / 119621810 319851430 / 119621811 319851431 / 119621812 319851432 / 119621813 319851433 / 119621814 319851434 / 119621815 319851435 / 119621816 319851436 / 119621817						
KAD2	E	319851373 / 119621745 319851374 / 119621756 319851375 / 119621832 319851376 / 119621833 319851377 / 119621834 319851378 / 119621835 319851379 / 119621836 319851380 / 119621837 319851381 / 119621838 319851382 / 119621839 319851383 / 119621840 319851384 / 119621841 319851385 / 119621842 319851386 / 119621843 319851387 / 119621844 319851388 / 119621845	17.8-18.6	1 - 36	12, 22	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD5	E	319851389 / 119621748 319851390 / 119621753 319851391 / 119621874 319851392 / 119621875 319851393 / 119621876 319851394 / 119621877 319851395 / 119621878 319851396 / 119621879 319851397 / 119621880 319851398 / 119621881 319851399 / 119621882 319851400 / 119621883 319851401 / 119621884 319851402 / 119621885 319851403 / 119621886 319851404 / 119621887	19.7-20.2	1 - 36	13	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.