

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	↓	10700	12750	All
2	↔	10700	12750	All
3	↑	12750	13250	All
4	↑	13750	14500	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
1175/1175/86.5	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
6E-05	999	1

Downlink

A.4.b.6.a Number of satellites transmitting to any latitude within corresponding range		
From latitude	To latitude	Number
-90	90	10

Group table

Beam(s)	Direction	Minimum frequency, MHz	Maximum frequency, MHz	A.4.b.7.cbis Minimum elevation angle
KUU	R	12750	14500	20
KUD	E	10700	12750	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
KUU	R	319842963 / 119832852 319842964 / 119832853 319842965 / 119832854	12.75- 13.25	1 - 18	3	TABLE 22-2	Pass	Favorable
KUU	R	319842966 / 119832856 319842967 / 119832857	13.75-14	1 - 18	4	TABLE 22-2	Pass	Favorable
KUU	R	319842968 / 119832859 319842969 / 119832860 319842970 / 119832861	14-14.5	1 - 18	4	TABLE 22-2	Pass	Favorable
KUD	E	319842948 / 119832855 319842949 / 119832871 319842950 / 119832872	10.7-11.2	1 - 18	1, 2	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KUD	E	319842951 / 119832877 319842954 / 119832886 319842957 / 119832889	11.2-11.7	1 - 18	1, 2	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KUD	E	319842952 / 119832878 319842955 / 119832887 319842958 / 119832890	11.7-12.2	1 - 18	1	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
KUD	E	319842953 / 119832879 319842956 / 119832888 319842959 / 119832891	12.2-12.7	1 - 18	1, 2	RR 22.5C4 RR 22.5C8 TABLE 22-1A	Pass Pass Pass	Favorable

						TABLE 22-1D TABLE 22-3	Pass Pass	
KUD	E	319842960 / 119832913 319842961 / 119832915 319842962 / 119832917	12.25- 12.75	1 - 18	1, 2	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass 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.