

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	↓	17800	18600	All
2	↓	19700	20200	All
3	↔	17800	18600	All
4	↑	27500	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
N - satellite based angle	27

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
508/508/63.4	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
1	0	4

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
KAU1, KAU2, KAU3	R	27500	30000	30
KAD1, KAD2, KAD3	E	17700	20200	30

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	321775487 / 120741010	27.5-28.3	1, 3	4	TABLE 22-2	Pass	Favorable
KAU1	R	321775488 / 120741013	29.5-30	1, 3	4	TABLE 22-2	Pass	Favorable
KAU1	R	321775489 / 121657745	28.3-28.7	1, 3	4	TABLE 22-2	Pass	Favorable
KAU2	R	321775490 / 120741014	27.5-28.3	1, 3	4	TABLE 22-2	Pass	Favorable
KAU2	R	321775491 / 120741015	29.5-30	1, 3	4	TABLE 22-2	Pass	Favorable
KAU2	R	321775492 / 121657746	28.3-28.7	1, 3	4	TABLE 22-2	Pass	Favorable
KAU3	R	321775493 / 120741016	27.5-28.3	1, 3	4	TABLE 22-2	Pass	Favorable
KAU3	R	321775494 / 120741017	29.5-30	1, 3	4	TABLE 22-2	Pass	Favorable
KAU3	R	321775495 / 121657744	28.3-28.7	1, 3	4	TABLE 22-2	Pass	Favorable
KAD1	E	321775478 / 120741011	17.7-18.15	1, 3	1, 3	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD1	E	321775479 / 120741012	19.7-20.2	1, 3	2	TABLE 22-1C	Pass	Favorable
KAD1	E	321775480 / 120741026	18.15-18.6	1, 3	1, 3	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD2	E	321775481 / 120741018	17.7-18.15	1, 3	1, 3	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD2	E	321775482 / 120741019	19.7-20.2	1, 3	2	TABLE 22-1C	Pass	Favorable
KAD2	E	321775483 / 120741028	18.15-18.6	1, 3	1, 3	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD3	E	321775484 / 120741020	17.7-18.15	1, 3	1, 3	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable

KAD3	E	321775485 / 120741021	19.7-20.2	1, 3	2	TABLE 22-1C	Pass	Favorable
KAD3	E	321775486 / 120741030	18.15-18.6	1, 3	1, 3	TABLE 22-1B TABLE 22-3	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.