

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	↔	17800	18400	All
3	↓	19700	20200	All
4	↑	29500	30000	All
5	↑	27500	28600	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
1134/1134/86.5	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
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	321765386 / 120741589	27.5-28.3	1 - 3	5	TABLE 22-2	Pass	Favorable
KAU1	R	321765387 / 120741592	29.5-30	1 - 3	4	TABLE 22-2	Pass	Favorable
KAU1	R	321765388 / 121677577	28.3-28.7	1 - 3	5	TABLE 22-2	Pass	Favorable
KAU2	R	321765389 / 120741593	27.5-28.3	1 - 3	5	TABLE 22-2	Pass	Favorable
KAU2	R	321765390 / 120741594	29.5-30	1 - 3	4	TABLE 22-2	Pass	Favorable
KAU2	R	321765391 / 121677578	28.3-28.7	1 - 3	5	TABLE 22-2	Pass	Favorable
KAU3	R	321765392 / 120741595	27.5-28.3	1 - 3	5	TABLE 22-2	Pass	Favorable
KAU3	R	321765393 / 120741596	29.5-30	1 - 3	4	TABLE 22-2	Pass	Favorable
KAU3	R	321765394 / 121677576	28.3-28.7	1 - 3	5	TABLE 22-2	Pass	Favorable
KAD1	E	321765377 / 120741590	17.7-18.15	1 - 3	1, 2	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD1	E	321765378 / 120741591	19.7-20.2	1 - 3	3	TABLE 22-1C	Pass	Favorable
KAD1	E	321765379 / 120741605	18.15-18.6	1 - 3	1, 2	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD2	E	321765380 / 120741597	17.7-18.15	1 - 3	1, 2	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD2	E	321765381 / 120741598	19.7-20.2	1 - 3	3	TABLE 22-1C	Pass	Favorable
KAD2	E	321765382 / 120741608	18.15-18.6	1 - 3	1, 2	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable

KAD3	E	321765383 / 120741599	17.7-18.15	1 - 3	1, 2	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD3	E	321765384 / 120741600	19.7-20.2	1 - 3	3	TABLE 22-1C	Pass	Favorable
KAD3	E	321765385 / 120741611	18.15-18.6	1 - 3	1, 2	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.