

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	↑	27500	28600	All
4	↑	29500	30000	All
5	↔	17800	18400	All

Common SNS Data

Mask link data

Configuration	Orbit Id
1	1
2	2

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)	18

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
575.58/558.4/97.6	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
5E-06	447	1

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
KAUR, KAUR1	R	27500	30000	15
KADR1, KADR11	E	17800	20200	15

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
KAUR	R	321771317 / 121763293 321771319 / 121763296	27.5-28.6	1	3	TABLE 22-2	Pass	Favorable
KAUR	R	321771318 / 121763295 321771320 / 121763298	29.5-30	1	4	TABLE 22-2	Pass	Favorable
KAUR1	R	321771321 / 121763331 321771323 / 121763334	27.5-28.6	2	3	TABLE 22-2	Pass	Favorable
KAUR1	R	321771322 / 121763333 321771324 / 121763336	29.5-30	2	4	TABLE 22-2	Pass	Favorable
KADR1	E	321771305 / 121763304 321771307 / 121763308	19.7-20.2	1	2	TABLE 22-1C	Pass	Favorable
KADR1	E	321771306 / 121763306 321771309 / 121763503	17.8-18.2	1	1, 5	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KADR1	E	321771308 / 121763312 321771310 / 121763505	18.2-18.6	1	1, 5	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable

KADR11	E	321771311 / 121763387 321771313 / 121763391	19.7-20.2	2	2	TABLE 22-1C	Pass	Favorable
KADR11	E	321771312 / 121763389 321771315 / 121763506	17.8-18.2	2	1, 5	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KADR11	E	321771314 / 121763393 321771316 / 121763508	18.2-18.6	2	1, 5	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.