

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

Common

A.4.b.7.d.1 Exclusion zone type	A.4.b.7.d.1 Exclusion zone size, degrees
N - satellite based angle	5

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
1050/1050/89	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	1

Downlink

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

Group table

Beam(s)	Direction	Minimum frequency, MHz	Maximum frequency, MHz	A.4.b.7.cbis Minimum elevation angle
KAU5	R	29500	30000	5
KAU2	R	28000	28600	5
KAU1	R	27500	28000	5
KAD5	E	19700	20200	5
KAD2	E	18100	18600	5
KAD1	E	17800	18300	5

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	320763325 / 120734320 320763326 / 120734321 320763327 / 120734322 320763328 / 120734323	27.5-28	1	3	TABLE 22-2	Pass	Favorable
KAU2	R	320763329 / 120734324 320763330 / 120734325 320763331 / 120734326 320763332 / 120734327	28-28.6	1	3	TABLE 22-2	Pass	Favorable
KAU5	R	320763333 / 120734336 320763334 / 120734337 320763335 / 120734338 320763336 / 120734339	29.5-30	1	4	TABLE 22-2	Pass	Favorable
KAD1	E	320763313 / 120734340 320763314 / 120734341 320763315 / 120734342 320763316 / 120734343	17.8-18.3	1	1, 5	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable

KAD2	E	320763317 / 120734344 320763318 / 120734345 320763319 / 120734346 320763320 / 120734347	18.1-18.6	1	1, 5	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD5	E	320763321 / 120734356 320763322 / 120734357 320763323 / 120734358 320763324 / 120734359	19.7-20.2	1	2	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.