

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	↓	19700	20200	All
2	↓	17800	18600	All
3	↔	17700	18400	All
4	↑	27500	28600	All
5	↑	29500	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	0

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
6800/6800/45	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
4E-08	5000	14

Downlink

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

Group table

Beam(s)	Direction	Minimum frequency, MHz	Maximum frequency, MHz	A.4.b.7.cbis Minimum elevation angle
KAU1, KAU2	R	27500	30000	10
KAD1, KAD2	E	17800	20200	10

Results

<i>B1A</i> <i>Beam designation</i>	<i>B2</i> <i>Emi-Rcp</i>	<i>BR7a</i> <i>Group id./ Target Group id.</i>	<i>GHz</i>	<i>Orbital planes id. no.</i>	<i>Mask ID</i>	<i>Article 22 Limit</i>	<i>Result</i>	<i>Article 22 Examination</i>
KAU1	R	320760972 / 120643590 320760973 / 120643591	27.5-28.6	1 - 4	4	TABLE 22-2	Pass	Favorable
KAU1	R	320760974 / 120643594 320760975 / 120643595	29.5-30	1 - 4	5	TABLE 22-2	Pass	Favorable
KAU2	R	320760976 / 120643596 320760977 / 120643597	27.5-28.6	1 - 4	4	TABLE 22-2	Pass	Favorable
KAU2	R	320760978 / 120643600 320760979 / 120643601	29.5-30	1 - 4	5	TABLE 22-2	Pass	Favorable
KAD1	E	320760960 / 120643602 320760961 / 120643603	17.8-18.1	1 - 4	2, 3	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD1	E	320760962 / 120643606 320760963 / 120643607	19.7-20.2	1 - 4	1	TABLE 22-1C	Pass	Favorable
KAD1	E	320760964 / 120643702 320760965 / 120643703	18.1-18.6	1 - 4	2, 3	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD2	E	320760966 / 120643608 320760967 / 120643609	17.8-18.1	1 - 4	2, 3	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAD2	E	320760968 / 120643612 320760969 / 120643613	19.7-20.2	1 - 4	1	TABLE 22-1C	Pass	Favorable
KAD2	E	320760970 / 120643704 320760971 / 120643705	18.1-18.6	1 - 4	2, 3	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable

Notes:

- Findings are promulgated as favorable when all applicable limits in Article 22 are met for given group of frequency assignments in all applicable scenarios.
- 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.
- Qualified Favorable is established due to continuous application of Resolution 85 (WRC-03) on request by the notifying administration.