

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	↑	10000	40000	All
2	↔	10000	40000	All
3	↓	10000	40000	All

Common SNS Data

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)	20

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
1100/1100/86.4	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
4E-09	5000	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
KAFL1U, KAFL2U, KAUE1U, KAUE2U	R	27500	30000	empty
KAFL1D, KAFL2D, KAUE1D, KAUE2D	E	17700	20200	empty

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
KAFL1U	R	318748217 / 117824814 318748218 / 117824815 318748219 / 117824816	27.5-28.5	1 - 6	1	TABLE 22-2	Pass	Favorable
KAFL1U	R	318748220 / 117824850 318748221 / 117824851 318748222 / 117824852	28.5-30	1 - 6	1	TABLE 22-2	Pass	Favorable
KAFL2U	R	318748223 / 117824832 318748224 / 117824833 318748225 / 117824834	27.5-28.5	1 - 6	1	TABLE 22-2	Pass	Favorable
KAFL2U	R	318748226 / 117824859 318748227 / 117824860 318748228 / 117824861	28.5-30	1 - 6	1	TABLE 22-2	Pass	Favorable
KAUE1U	R	318748229 / 117824823 318748230 / 117824824 318748231 / 117824825	27.5-28.5	1 - 6	1	TABLE 22-2	Pass	Favorable
KAUE1U	R	318748232 / 117824853 318748233 / 117824854 318748234 / 117824855	28.5-30	1 - 6	1	TABLE 22-2	Pass	Favorable

KAUE2U	R	318748235 / 117824835 318748236 / 117824836 318748237 / 117824837	27.5-28.5	1 - 6	1	TABLE 22-2	Pass	Favorable
KAUE2U	R	318748238 / 117824862 318748239 / 117824863 318748240 / 117824864	28.5-30	1 - 6	1	TABLE 22-2	Pass	Favorable
KAFL1D	E	318748181 / 117824817 318748183 / 117824819 318748185 / 117824821 318748187 / 117841798 318748188 / 117841799 318748189 / 117841800	17.7-18.6	1 - 6	2, 3	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAFL1D	E	318748182 / 117824818 318748184 / 117824820 318748186 / 117824822	18.8-20.2	1 - 6	3	TABLE 22-1C	Pass	Favorable
KAFL2D	E	318748190 / 117824838 318748192 / 117824840 318748194 / 117824842 318748196 / 117841804 318748197 / 117841805 318748198 / 117841806	17.7-18.6	1 - 6	2, 3	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAFL2D	E	318748191 / 117824839 318748193 / 117824841 318748195 / 117824843	18.8-20.2	1 - 6	3	TABLE 22-1C	Pass	Favorable
KAUE1D	E	318748199 / 117824826 318748200 / 117824827 318748201 / 117824828 318748205 / 117841801 318748206 / 117841802 318748207 / 117841803	17.7-18.6	1 - 6	2, 3	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAUE1D	E	318748202 / 117824856 318748203 / 117824857 318748204 / 117824858	19.7-20.2	1 - 6	3	TABLE 22-1C	Pass	Favorable
KAUE2D	E	318748208 / 117824844 318748209 / 117824845 318748210 / 117824846 318748214 / 117841807 318748215 / 117841808 318748216 / 117841809	17.7-18.6	1 - 6	2, 3	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KAUE2D	E	318748211 / 117824865 318748212 / 117824866 318748213 / 117824867	19.7-20.2	1 - 6	3	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.