

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
3	↑	27500	30000	All
4	↔	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
Y - topocentric angle (earth based)	6

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
1065/1065/99 1375/1375/50.9 8062/8062/0	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
7E-06	378	25

Downlink

A.4.b.6.a Number of satellites transmitting to any latitude within corresponding range		
From latitude	To latitude	Number
-90	90	25

Group table

Beam(s)	Direction	Minimum frequency, MHz	Maximum frequency, MHz	A.4.b.7.cbis Minimum elevation angle
KAUPMEO	R	27500	30000	10
KAUP1	R	27500	29100	10
KAUP2	R	29500	30000	10
KADNMEO	E	17800	20200	10
KADN1	E	17800	18100	10
KADN3	E	19700	20200	10
KADN2	E	18100	18600	10

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
KAUP1	R	321768825 / 121673659 321768826 / 121673660 321768827 / 121673661 321768828 / 121673662	27.5-29.1	1 - 26	3	TABLE 22-2	Pass	Favorable
KAUP2	R	321768829 / 121673663 321768830 / 121673664 321768831 / 121673665 321768832 / 121673666	29.5-30	1 - 26	3	TABLE 22-2	Pass	Favorable
KAUPMEO	R	321768833 / 121673683 321768834 / 121673684 321768835 / 121673685 321768836 / 121673686 321768837 / 121673687 321768846 / 121673706 321768847 / 121673707	27.5-28.6	27	3	TABLE 22-2	Pass	Favorable

		321768848 / 121673708 321768849 / 121673709 321768850 / 121673710						
KAUPMEO	R	321768838 / 121673698 321768839 / 121673699 321768840 / 121673700 321768841 / 121673701 321768842 / 121673702 321768843 / 121673703 321768844 / 121673704 321768845 / 121673705 321768851 / 121673721 321768852 / 121673722	29.5-30	27	3	TABLE 22-2	Pass	Favorable
KADN1	E	321768783 / 121673627 321768784 / 121673628 321768785 / 121673629 321768786 / 121673630	17.8-18.1	1 - 26	1, 4	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KADN2	E	321768787 / 121673631 321768788 / 121673632 321768789 / 121673633 321768790 / 121673634	18.1-18.6	1 - 26	1, 4	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KADN3	E	321768791 / 121673639 321768792 / 121673640 321768793 / 121673641 321768794 / 121673642	19.7-20.2	1 - 26		TABLE 22-1C	N/A	Qualified Favourable
KADNME0	E	321768795 / 121673729 321768796 / 121673730 321768797 / 121673731 321768798 / 121673732 321768799 / 121673733 321768813 / 121673752 321768814 / 121673753 321768815 / 121673754 321768816 / 121673755 321768817 / 121673756	17.8-18.1	27	1, 4	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KADNME0	E	321768800 / 121673739 321768801 / 121673740 321768802 / 121673741 321768803 / 121673742 321768804 / 121673743 321768810 / 121673749 321768811 / 121673750 321768812 / 121673751 321768818 / 121673762 321768819 / 121673763	19.7-20.2	27		TABLE 22-1C	N/A	Qualified Favourable
KADNME0	E	321768805 / 121673744 321768806 / 121673745 321768807 / 121673746 321768808 / 121673747 321768809 / 121673748 321768820 / 121673764 321768821 / 121673765 321768822 / 121673766 321768823 / 121673767 321768824 / 121673768	18.1-18.6	27	1, 4	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.