

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	↓	11200	12700	1 - 10 (sat IDs: All)
2	↓	11200	12700	11 - 15 (sat IDs: All)
5	↓	10700	11200	1 - 10 (sat IDs: All)
6	↓	10700	11200	11 - 15 (sat IDs: All)
10	↑	14000	14500	1 - 10 (sat IDs: All)
14	↑	14000	14500	11 - 15 (sat IDs: All)
21	↑	5925	6725	1 - 10 (sat IDs: All)
24	↑	12750	13250	1 - 10 (sat IDs: All)
27	↑	13800	14000	1 - 10 (sat IDs: All)
30	↑	17800	18300	1 - 10 (sat IDs: All)
44	↔	10700	11200	1 - 10 (sat IDs: All)
51	↑	5925	6725	11 - 15 (sat IDs: All)
54	↑	12750	13250	11 - 15 (sat IDs: All)
57	↑	13800	14000	11 - 15 (sat IDs: All)
60	↑	17800	18300	11 - 15 (sat IDs: All)
74	↔	11200	12700	1 - 10 (sat IDs: All)
84	↔	10700	11200	11 - 15 (sat IDs: All)
94	↔	11200	12700	11 - 15 (sat IDs: 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)	35

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
26679/1125/63.4	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
1E-06	2000	3

Downlink

A.4.b.6.a Number of satellites transmitting to any latitude within corresponding range		
From latitude	To latitude	Number
-90	-64	0
-64	42	3
42	64	3
64	90	0

Group table

Beam(s)	Direction	Minimum frequency, MHz	Maximum frequency, MHz	A.4.b.7.cbis Minimum elevation angle
KRUSER	R	14000	14500	5
KRF17	R	17800	18050	20
KRF09	R	13800	14000	20
KRF01	R	12750	13250	20
CRF25, CROMN	R	6700	6725	20
KTUSER	E	11200	12700	0
KTD09	E	10700	11200	0

Results

<i>B1A</i> <i>Beam designation</i>	<i>B2</i> <i>Emi-Rcp</i>	<i>BR7a</i> <i>Group id./</i> <i>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>
CRF25	R	318749832 / 118633500	6.7-6.725	1 - 15	21, 51	TABLE 22-2	Pass	Favorable
CROMN	R	318749833 / 118633501	6.7-6.725	1 - 15	21, 51	TABLE 22-2	Pass	Favorable
KRF01	R	318749834 / 118633497	12.75-13.25	1 - 15	10, 14, 24, 27, 54, 57	TABLE 22-2	Pass	Favorable
KRF09	R	318749835 / 118633502	13.8-14	1 - 15	10, 14, 24, 27, 54, 57	TABLE 22-2	Pass	Favorable
KRF17	R	318749836 / 118633503	17.8-18.05	1 - 15	30, 60	TABLE 22-2	Pass	Favorable
KRUSER	R	318749837 / 118633493 318749838 / 118633494 318749839 / 118633495 318749840 / 118633496	14-14.5	1 - 15	10, 14, 24, 27, 54, 57	TABLE 22-2	Pass	Favorable
KTD09	E	318749822 / 118633499	10.7-10.95	1 - 15	1, 2, 5, 6, 44, 74, 84, 94	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KTD09	E	318749823 / 118633509	10.95-11.2	1 - 15	1, 2, 5, 6, 44, 74, 84, 94	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KTUSER	E	318749824 / 118633498	11.2-11.45	1 - 15	1, 2, 5, 6, 44, 74, 84, 94	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KTUSER	E	318749825 / 118633506	11.45-11.7	1 - 15	1, 2, 5, 6, 44, 74, 84, 94	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KTUSER	E	318749826 / 118633507 318749828 / 118633511	11.7-12.2	1 - 15	1, 2, 5, 6	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
KTUSER	E	318749827 / 118633508 318749831 / 118633514	12.45-12.7	1 - 15	1, 2, 5, 6, 74, 94	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable
KTUSER	E	318749829 / 118633512 318749830 / 118633513	12.2-12.45	1 - 15	1, 2, 5, 6	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass 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.