

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	↑	17300	18100	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)	5

Configuration 1

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
800/800/98 800/800/142 800/800/57	No keeping	Default

configuration 2

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
700/700/98 700/700/142 700/700/57	No keeping	Default

Configuration 3

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
600/600/98 600/600/142 600/600/57	No keeping	Default

Configuration 4

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
300/300/98 300/300/142 300/300/57	No keeping	Default

Downlink

A.4.b.6.a Number of satellites transmitting to any latitude within corresponding range		
From latitude	To latitude	Number
-90	90	100

Group table

Beam(s)	Direction	Minimum frequency, MHz	Maximum frequency, MHz	A.4.b.7.cbis Minimum elevation angle
LB, LB1, LB2, LB3	R	17300	17700	5
HB, HB1, HB2, HB3	R	17700	18100	5

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>
HB	R	321768853 / 121687545	17.7-17.8	1 - 5	1	TABLE 22-2	Pass	Favorable
HB	R	321768854 / 121687546	17.8-18.1	1 - 5	1	TABLE 22-2	Pass	Favorable
HB1	R	321768855 / 121687549	17.7-17.8	6 - 10	1	TABLE 22-2	Pass	Favorable
HB1	R	321768856 / 121687550	17.8-18.1	6 - 10	1	TABLE 22-2	Pass	Favorable
HB2	R	321768857 / 121687552	17.7-17.8	11 - 15	1	TABLE 22-2	Pass	Favorable
HB2	R	321768858 / 121687553	17.8-18.1	11 - 15	1	TABLE 22-2	Pass	Favorable
HB3	R	321768859 / 121687555	17.7-17.8	16 - 20	1	TABLE 22-2	Pass	Favorable
HB3	R	321768860 / 121687556	17.8-18.1	16 - 20	1	TABLE 22-2	Pass	Favorable
LB	R	321768861 / 121687544	17.3-17.7	1 - 5	1	TABLE 22-2	Pass	Favorable
LB1	R	321768862 / 121687558	17.3-17.7	6 - 10	1	TABLE 22-2	Pass	Favorable
LB2	R	321768863 / 121687560	17.3-17.7	11 - 15	1	TABLE 22-2	Pass	Favorable
LB3	R	321768864 / 121687562	17.3-17.7	16 - 20	1	TABLE 22-2	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.