

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
2	↓	19700	20200	All
3	↑	27500	28600	All
4	↑	29500	30000	All
5	↔	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)	5

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
19500/19500/60	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
1	0	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
KDGR, KTMD	E	17800	20200	10
KDUR	E	17800	20200	20

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
KDGR	E	318750864 / 118687791 318750866 / 118687809 318750868 / 118687827 318750870 / 118687845 318750872 / 118687863 318750874 / 118687881 318750876 / 118687899 318750878 / 118687917 318750880 / 118687935 318750882 / 118687953 318750884 / 118687971 318750886 / 118687989 318750888 / 118688007 318750890 / 118688025 318750920 / 118688150 318750921 / 118688164 318750922 / 118688178 318750923 / 118688192 318750924 / 118688206 318750925 / 118688220 318750926 / 118688234	17.8-18.2	1 - 4	1, 5	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable

		318750927 / 118688248 318750928 / 118688262 318750929 / 118688276 318750930 / 118688290 318750931 / 118688304 318750932 / 118688318 318750933 / 118688332						
KDGR	E	318750865 / 118687793 318750867 / 118687811 318750869 / 118687829 318750871 / 118687847 318750873 / 118687865 318750875 / 118687883 318750877 / 118687901 318750879 / 118687919 318750881 / 118687937 318750883 / 118687955 318750885 / 118687973 318750887 / 118687991 318750889 / 118688009 318750891 / 118688027 318750906 / 118688088 318750907 / 118688092 318750908 / 118688096 318750909 / 118688100 318750910 / 118688104 318750911 / 118688108 318750912 / 118688112 318750913 / 118688116 318750914 / 118688120 318750915 / 118688124 318750916 / 118688128 318750917 / 118688132 318750918 / 118688136 318750919 / 118688140	19.7-20.2	1 - 4	2	TABLE 22-1C	Pass	Favorable
KDGR	E	318750892 / 118688045 318750893 / 118688049 318750894 / 118688053 318750895 / 118688057 318750896 / 118688061 318750897 / 118688065 318750898 / 118688069 318750899 / 118688071 318750900 / 118688073 318750901 / 118688075 318750902 / 118688077 318750903 / 118688079 318750904 / 118688081 318750905 / 118688083 318750934 / 118688341 318750935 / 118688345 318750936 / 118688349 318750937 / 118688353 318750938 / 118688357 318750939 / 118688361 318750940 / 118688365 318750941 / 118688367 318750942 / 118688369 318750943 / 118688371 318750944 / 118688373 318750945 / 118688375 318750946 / 118688377 318750947 / 118688379	18.2-18.6	1 - 4	1, 5	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KDUR	E	318750948 / 118687782 318750950 / 118687800 318750952 / 118687818 318750954 / 118687836 318750956 / 118687854 318750958 / 118687872 318750960 / 118687890 318750962 / 118687908 318750964 / 118687926 318750966 / 118687944	17.8-18.2	1 - 4	1, 5	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable

		318750968 / 118687962 318750970 / 118687980 318750972 / 118687998 318750974 / 118688016 318751004 / 118688143 318751005 / 118688157 318751006 / 118688171 318751007 / 118688185 318751008 / 118688199 318751009 / 118688213 318751010 / 118688227 318751011 / 118688241 318751012 / 118688255 318751013 / 118688269 318751014 / 118688283 318751015 / 118688297 318751016 / 118688311 318751017 / 118688325						
KDUR	E	318750949 / 118687784 318750951 / 118687802 318750953 / 118687820 318750955 / 118687838 318750957 / 118687856 318750959 / 118687874 318750961 / 118687892 318750963 / 118687910 318750965 / 118687928 318750967 / 118687946 318750969 / 118687964 318750971 / 118687982 318750973 / 118688000 318750975 / 118688018 318750990 / 118688086 318750991 / 118688090 318750992 / 118688094 318750993 / 118688098 318750994 / 118688102 318750995 / 118688106 318750996 / 118688110 318750997 / 118688114 318750998 / 118688118 318750999 / 118688122 318751000 / 118688126 318751001 / 118688130 318751002 / 118688134 318751003 / 118688138	19.7-20.2	1 - 4	2	TABLE 22-1C	Pass	Favorable
KDUR	E	318750976 / 118688043 318750977 / 118688047 318750978 / 118688051 318750979 / 118688055 318750980 / 118688059 318750981 / 118688063 318750982 / 118688067 318750983 / 118688070 318750984 / 118688072 318750985 / 118688074 318750986 / 118688076 318750987 / 118688078 318750988 / 118688080 318750989 / 118688082 318751018 / 118688339 318751019 / 118688343 318751020 / 118688347 318751021 / 118688351 318751022 / 118688355 318751023 / 118688359 318751024 / 118688363 318751025 / 118688366 318751026 / 118688368 318751027 / 118688370 318751028 / 118688372 318751029 / 118688374	18.2-18.6	1 - 4	1, 5	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable

		318751030 / 118688376 318751031 / 118688378						
KTMD	E	318751032 / 118688034	19.7-20.2	1 - 4	2	TABLE 22-1C	Pass	Favorable
KTMD	E	318751033 / 118688040	17.8-18.2	1 - 4	1, 5	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KTMD	E	318751034 / 118688085	18.2-18.6	1 - 4	1, 5	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KTMD	E	318751035 / 118694113	19.51- 19.71	1 - 4	2	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.