

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	↓	10700	12750	All
2	↑	13750	14500	All
3	↑	27500	30000	All
4	↓	17800	20200	All
5	↓	17800	20200	All
6	↔	10700	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
N - satellite based angle	6

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
950/950/88	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
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	-50	4
-50	50	2
50	90	4

Group table

Beam(s)	Direction	Minimum frequency, MHz	Maximum frequency, MHz	A.4.b.7.cbis Minimum elevation angle
KUA, KUB, KUC	R	13750	14500	10
KAUA, KAUB, KAUC, KAUD	R	27500	30000	10
KDB2, KDC2	E	10950	12750	10
KDA, KDB, KDC	E	10950	11700	10
KDA2	E	10700	12750	10
KADA, KADB, KADC, KADD	E	17800	20200	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
KAUA	R	317865472 / 117844957 317865473 / 117844958 317865474 / 117844959 317865475 / 117844960 317865476 / 117844961	27.5-28.6	1 - 9	3	TABLE 22-2	Pass	Favorable
KAUA	R	317865477 / 117845131 317865478 / 117845132 317865479 / 117845133 317865480 / 117845134 317865481 / 117845135	29.5-30	1 - 9	3	TABLE 22-2	Pass	Favorable
KAUB	R	317865482 / 117844977 317865483 / 117844978 317865484 / 117844979	27.5-28.6	1 - 9	3	TABLE 22-2	Pass	Favorable

		317865485 / 117844980 317865486 / 117844981						
KAUB	R	317865487 / 117845136 317865488 / 117845137 317865489 / 117845138 317865490 / 117845139 317865491 / 117845140	29.5-30	1 - 9	3	TABLE 22-2	Pass	Favorable
KAUC	R	317865492 / 117844997 317865493 / 117844998 317865494 / 117844999 317865495 / 117845000 317865496 / 117845001	27.5-28.6	1 - 9	3	TABLE 22-2	Pass	Favorable
KAUC	R	317865497 / 117845141 317865498 / 117845142 317865499 / 117845143 317865500 / 117845144 317865501 / 117845145	29.5-30	1 - 9	3	TABLE 22-2	Pass	Favorable
KAUD	R	317865502 / 117845018 317865503 / 117845019 317865504 / 117845020 317865505 / 117845021 317865506 / 117845022	27.5-28.6	1 - 9	3	TABLE 22-2	Pass	Favorable
KAUD	R	317865507 / 117845146 317865508 / 117845147 317865509 / 117845148 317865510 / 117845149 317865511 / 117845150	29.5-30	1 - 9	3	TABLE 22-2	Pass	Favorable
KUA	R	317865512 / 117845044 317865513 / 117845045 317865514 / 117845046 317865515 / 117845047	14-14.5	1 - 9	2	TABLE 22-2	Pass	Favorable
KUA	R	317865516 / 117845048 317865517 / 117845184	13.75-14.5	1 - 9	2	TABLE 22-2	Pass	Favorable
KUB	R	317865518 / 117845049 317865519 / 117845050 317865520 / 117845051 317865521 / 117845052	14-14.5	1 - 9	2	TABLE 22-2	Pass	Favorable
KUB	R	317865522 / 117845053 317865523 / 117845185	13.75-14.5	1 - 9	2	TABLE 22-2	Pass	Favorable
KUC	R	317865524 / 117845054 317865525 / 117845055 317865526 / 117845056 317865527 / 117845057	14-14.5	1 - 9	2	TABLE 22-2	Pass	Favorable
KUC	R	317865528 / 117845058 317865529 / 117845186	13.75-14.5	1 - 9	2	TABLE 22-2	Pass	Favorable
KADA	E	317865225 / 117844670 317865226 / 117844672 317865227 / 117844674 317865228 / 117844676 317865229 / 117844678	17.8-18.1	1 - 9	4 - 6	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KADA	E	317865230 / 117845091 317865232 / 117845093 317865234 / 117845095 317865236 / 117845097 317865238 / 117845099	18.1-18.6	1 - 9	4 - 6	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KADA	E	317865231 / 117845092 317865233 / 117845094 317865235 / 117845096 317865237 / 117845098 317865239 / 117845100	19.7-20.2	1 - 9	4, 5	TABLE 22-1C	Pass	Favorable
KADB	E	317865240 / 117844700 317865241 / 117844702 317865242 / 117844704 317865243 / 117844706 317865244 / 117844708	17.8-18.1	1 - 9	4 - 6	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KADB	E	317865245 / 117845101 317865247 / 117845103 317865249 / 117845105 317865251 / 117845107 317865253 / 117845109	18.1-18.6	1 - 9	4 - 6	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KADB	E	317865246 / 117845102 317865248 / 117845104	19.7-20.2	1 - 9	4, 5	TABLE 22-1C	Pass	Favorable

		317865250 / 117845106 317865252 / 117845108 317865254 / 117845110						
KADC	E	317865255 / 117844730 317865256 / 117844732 317865257 / 117844734 317865258 / 117844736 317865259 / 117844738	17.8-18.1	1 - 9	4 - 6	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KADC	E	317865260 / 117845111 317865262 / 117845113 317865264 / 117845115 317865266 / 117845117 317865268 / 117845119	18.1-18.6	1 - 9	4 - 6	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KADC	E	317865261 / 117845112 317865263 / 117845114 317865265 / 117845116 317865267 / 117845118 317865269 / 117845120	19.7-20.2	1 - 9	4, 5	TABLE 22-1C	Pass	Favorable
KADD	E	317865270 / 117844760 317865271 / 117844762 317865272 / 117844764 317865273 / 117844766 317865274 / 117844768	17.8-18.1	1 - 9	4 - 6	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KADD	E	317865275 / 117845121 317865277 / 117845123 317865279 / 117845125 317865281 / 117845127 317865283 / 117845129	18.1-18.6	1 - 9	4 - 6	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
KADD	E	317865276 / 117845122 317865278 / 117845124 317865280 / 117845126 317865282 / 117845128 317865284 / 117845130	19.7-20.2	1 - 9	4, 5	TABLE 22-1C	Pass	Favorable
KDA	E	317865285 / 117844791 317865286 / 117844792 317865287 / 117844793 317865288 / 117844794 317865289 / 117844795 317865295 / 117845163	10.95-11.2	1 - 9	1, 6	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDA	E	317865290 / 117844796 317865291 / 117844797 317865292 / 117844798 317865293 / 117844799 317865294 / 117844800 317865296 / 117845164	11.45-11.7	1 - 9	1, 6	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDA2	E	317865297 / 117844801 317865298 / 117844802 317865299 / 117844803 317865300 / 117844804 317865316 / 117844820 317865343 / 117845165	10.95-11.2	1 - 9	1, 6	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDA2	E	317865301 / 117844805 317865302 / 117844806 317865303 / 117844807 317865304 / 117844808 317865305 / 117844809 317865344 / 117845166	12.5-12.75	1 - 9	1, 6	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass N/A	Favorable
KDA2	E	317865306 / 117844810 317865307 / 117844811 317865308 / 117844812 317865309 / 117844813 317865310 / 117844814 317865345 / 117845167	12.2-12.75	1 - 9	1, 6	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass N/A	Favorable
KDA2	E	317865311 / 117844815 317865312 / 117844816 317865313 / 117844817 317865314 / 117844818 317865315 / 117844819 317865323 / 117844827 317865324 / 117844828 317865325 / 117844829 317865326 / 117844830 317865327 / 117844831	11.7-12.2	1 - 9	1	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable

		317865328 / 117844832 317865329 / 117844833 317865330 / 117844834 317865335 / 117844839 317865337 / 117844841 317865346 / 117845168						
KDA2	E	317865317 / 117844821 317865318 / 117844822 317865319 / 117844823 317865320 / 117844824 317865321 / 117844825 317865347 / 117845169	11.45-11.7	1 - 9	1, 6	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDA2	E	317865322 / 117844826	10.7-11.45	1 - 9	1, 6	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDA2	E	317865331 / 117844835 317865332 / 117844836 317865333 / 117844837 317865334 / 117844838 317865336 / 117844840	12.2-12.7	1 - 9	1, 6	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass N/A	Favorable
KDA2	E	317865338 / 117844842 317865339 / 117844843 317865340 / 117844844 317865341 / 117844845 317865342 / 117844846	12.2-12.5	1 - 9	1	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
KDB	E	317865348 / 117844847 317865349 / 117844848 317865350 / 117844849 317865351 / 117844850 317865352 / 117844851 317865358 / 117845170	10.95-11.2	1 - 9	1, 6	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDB	E	317865353 / 117844852 317865354 / 117844853 317865355 / 117844854 317865356 / 117844855 317865357 / 117844856 317865359 / 117845171	11.45-11.7	1 - 9	1, 6	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDB2	E	317865360 / 117844857 317865361 / 117844858 317865362 / 117844859 317865363 / 117844860 317865364 / 117844861 317865405 / 117845172	10.95-11.2	1 - 9	1, 6	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDB2	E	317865365 / 117844862 317865366 / 117844863 317865367 / 117844864 317865368 / 117844865 317865369 / 117844866 317865406 / 117845173	12.5-12.75	1 - 9	1, 6	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass N/A	Favorable
KDB2	E	317865370 / 117844867 317865371 / 117844868 317865372 / 117844869 317865373 / 117844870 317865374 / 117844871 317865407 / 117845174	12.2-12.75	1 - 9	1, 6	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass N/A	Favorable
KDB2	E	317865375 / 117844872 317865376 / 117844873 317865377 / 117844874 317865378 / 117844875 317865379 / 117844876 317865385 / 117844882 317865386 / 117844883 317865387 / 117844884 317865388 / 117844885 317865389 / 117844886 317865390 / 117844887 317865391 / 117844888 317865392 / 117844889 317865397 / 117844894 317865399 / 117844896 317865408 / 117845175	11.7-12.2	1 - 9	1	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable

KDB2	E	317865380 / 117844877 317865381 / 117844878 317865382 / 117844879 317865383 / 117844880 317865384 / 117844881 317865409 / 117845176	11.45-11.7	1 - 9	1, 6	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDB2	E	317865393 / 117844890 317865394 / 117844891 317865395 / 117844892 317865396 / 117844893 317865398 / 117844895	12.2-12.7	1 - 9	1, 6	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass N/A	Favorable
KDB2	E	317865400 / 117844897 317865401 / 117844898 317865402 / 117844899 317865403 / 117844900 317865404 / 117844901	12.2-12.5	1 - 9	1	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
KDC	E	317865410 / 117844902 317865411 / 117844903 317865412 / 117844904 317865413 / 117844905 317865414 / 117844906 317865420 / 117845177	10.95-11.2	1 - 9	1, 6	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDC	E	317865415 / 117844907 317865416 / 117844908 317865417 / 117844909 317865418 / 117844910 317865419 / 117844911 317865421 / 117845178	11.45-11.7	1 - 9	1, 6	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDC2	E	317865422 / 117844912 317865423 / 117844913 317865424 / 117844914 317865425 / 117844915 317865426 / 117844916 317865467 / 117845179	10.95-11.2	1 - 9	1, 6	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDC2	E	317865427 / 117844917 317865428 / 117844918 317865429 / 117844919 317865430 / 117844920 317865431 / 117844921 317865468 / 117845180	12.5-12.75	1 - 9	1, 6	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass N/A	Favorable
KDC2	E	317865432 / 117844922 317865433 / 117844923 317865434 / 117844924 317865435 / 117844925 317865436 / 117844926 317865469 / 117845181	12.2-12.75	1 - 9	1, 6	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass N/A	Favorable
KDC2	E	317865437 / 117844927 317865438 / 117844928 317865439 / 117844929 317865440 / 117844930 317865441 / 117844931 317865447 / 117844937 317865448 / 117844938 317865449 / 117844939 317865450 / 117844940 317865451 / 117844941 317865452 / 117844942 317865453 / 117844943 317865454 / 117844944 317865459 / 117844949 317865461 / 117844951 317865470 / 117845182	11.7-12.2	1 - 9	1	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
KDC2	E	317865442 / 117844932 317865443 / 117844933 317865444 / 117844934 317865445 / 117844935 317865446 / 117844936 317865471 / 117845183	11.45-11.7	1 - 9	1, 6	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDC2	E	317865455 / 117844945 317865456 / 117844946 317865457 / 117844947 317865458 / 117844948 317865460 / 117844950	12.2-12.7	1 - 9	1, 6	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass N/A	Favorable

KDC2	E	317865462 / 117844952 317865463 / 117844953 317865464 / 117844954 317865465 / 117844955 317865466 / 117844956	12.2-12.5	1 - 9	1	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
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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.