

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	10950	All
2	↓	10950	11200	All
3	↓	11200	11450	All
4	↓	11450	11700	All
5	↓	12500	12700	All
6	↓	12700	12750	All
7	↔	10700	10950	All
8	↔	10950	11200	All
9	↔	11200	11450	All
10	↔	11450	11700	All
11	↔	12500	12700	All
12	↔	12700	12750	All
13	↑	12750	13250	All
17	↑	14000	14500	All
21	↑	13750	13772	All
23	↑	13772	13778	All
25	↑	13778	14000	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)	56

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
39300/1000/63.4	No keeping	Specific

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
KUR	R	12750	14500	37
KDR	E	10700	12750	37

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
KUR	R	320758525 / 119622348 320758526 / 119622349 320758527 / 119622350 320758528 / 119622351 320758529 / 119622352 320758530 / 119622353 320758531 / 119622354 320758532 / 119622355	14-14.5	1 - 4	17	TABLE 22-2	Pass	Favorable

		320758553 / 120633218 320758554 / 120633219 320758555 / 120633220 320758556 / 120633221						
KUR	R	320758533 / 119622356 320758534 / 119622357 320758535 / 119622358 320758536 / 119622359 320758537 / 119622360 320758538 / 119622361 320758539 / 119622362 320758540 / 119622363 320758557 / 120633222 320758558 / 120633223 320758559 / 120633224 320758560 / 120633225	12.75-13.25	1 - 4	13	TABLE 22-2	Pass	Favorable
KUR	R	320758541 / 119622396 320758542 / 119622397 320758543 / 119622398 320758544 / 119622399 320758561 / 120633226 320758562 / 120633227	13.75-13.772	1 - 4	21	TABLE 22-2	Pass	Favorable
KUR	R	320758545 / 119622400 320758546 / 119622401 320758547 / 119622402 320758548 / 119622403 320758563 / 120633228 320758564 / 120633229	13.772-13.778	1 - 4	23	TABLE 22-2	Pass	Favorable
KUR	R	320758549 / 119622404 320758550 / 119622405 320758551 / 119622406 320758552 / 119622407 320758565 / 120633230 320758566 / 120633231	13.778-14	1 - 4	25	TABLE 22-2	Pass	Favorable
KDR	E	320758461 / 119622324 320758462 / 119622325 320758463 / 119622326 320758464 / 119622327 320758465 / 119622328 320758466 / 119622329 320758467 / 119622330 320758468 / 119622331 320758501 / 120633198 320758502 / 120633199 320758503 / 120633200 320758504 / 120633201	10.95-11.2	1 - 4	2, 8	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDR	E	320758469 / 119622332 320758470 / 119622333 320758471 / 119622334 320758472 / 119622335 320758473 / 119622336 320758474 / 119622337 320758475 / 119622338 320758476 / 119622339 320758505 / 120633202 320758506 / 120633203 320758507 / 120633204 320758508 / 120633205	11.45-11.7	1 - 4	4, 10	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDR	E	320758477 / 119622340 320758478 / 119622341 320758479 / 119622342 320758480 / 119622343 320758481 / 119622344 320758482 / 119622345 320758483 / 119622346 320758484 / 119622347	12.5-12.75	1 - 4	5, 6, 11, 12	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable
KDR	E	320758485 / 119622364 320758486 / 119622365 320758487 / 119622366 320758488 / 119622367 320758489 / 119622368 320758490 / 119622369 320758491 / 119622370	10.7-10.95	1 - 4	1, 7	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable

		320758492 / 119622371 320758513 / 120633210 320758514 / 120633211 320758515 / 120633212 320758516 / 120633213						
KDR	E	320758493 / 119622372 320758494 / 119622373 320758495 / 119622374 320758496 / 119622375 320758497 / 119622376 320758498 / 119622377 320758499 / 119622378 320758500 / 119622379 320758517 / 120633214 320758518 / 120633215 320758519 / 120633216 320758520 / 120633217	11.2-11.45	1 - 4	3, 9	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
KDR	E	320758509 / 120633206 320758510 / 120633207 320758511 / 120633208 320758512 / 120633209	12.5-12.7	1 - 4	5, 11	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
KDR	E	320758521 / 120633232 320758522 / 120633233 320758523 / 120633234 320758524 / 120633235	12.7-12.75	1 - 4	6, 12	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass 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.