

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	↑	27500	28600	All
2	↔	17800	18400	All
3	↓	17800	18600	All
4	↓	19700	20200	All
5	↑	29500	30000	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	5

Orbits

Apogee/Perigee/Inclination	A.4.b.6.d Uses station keeping	A.4.b.6.e Uses specific precession
1175/1175/86.5	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
6E-05	999	1

Downlink

A.4.b.6.a Number of satellites transmitting to any latitude within corresponding range		
From latitude	To latitude	Number
-90	90	10

Group table

Beam(s)	Direction	Minimum frequency, MHz	Maximum frequency, MHz	A.4.b.7.cbis Minimum elevation angle
KAUA, KAUB, KAUC	R	27500	30000	empty
KADA, KADB, KADC	E	17700	20200	empty

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	319840303 / 119619221 319840304 / 119619223 319840305 / 119619224 319840306 / 119619225 319840317 / 119619338 319840318 / 119619340 319840319 / 119619341 319840320 / 119619342	27.5-28.5	1 - 18	1	TABLE 22-2	Pass	Favorable
KAUA	R	319840307 / 119619226 319840308 / 119619227 319840309 / 119619228 319840310 / 119619229 319840315 / 119619326 319840316 / 119619327 319840321 / 119619343 319840322 / 119619344	29.5-30	1 - 18	5	TABLE 22-2	Pass	Favorable
KAUA	R	319840311 / 119619278 319840312 / 119619282 319840313 / 119619283 319840314 / 119619284	28.5-29.1	1 - 18	1	TABLE 22-2	Pass	Favorable

		319840323 / 119619383 319840324 / 119619387 319840325 / 119619388 319840326 / 119619389						
KAUB	R	319840327 / 119619230 319840328 / 119619231 319840329 / 119619232 319840330 / 119619233 319840341 / 119619345 319840342 / 119619346 319840343 / 119619347 319840344 / 119619348	27.5-28.5	1 - 18	1	TABLE 22-2	Pass	Favorable
KAUB	R	319840331 / 119619234 319840332 / 119619235 319840333 / 119619236 319840334 / 119619237 319840339 / 119619328 319840340 / 119619329 319840345 / 119619349 319840346 / 119619350	29.5-30	1 - 18	5	TABLE 22-2	Pass	Favorable
KAUB	R	319840335 / 119619285 319840336 / 119619286 319840337 / 119619287 319840338 / 119619288 319840347 / 119619390 319840348 / 119619391 319840349 / 119619392 319840350 / 119619393	28.5-29.1	1 - 18	1	TABLE 22-2	Pass	Favorable
KAUC	R	319840351 / 119619238 319840352 / 119619239 319840353 / 119619240 319840354 / 119619241 319840365 / 119619351 319840366 / 119619352 319840367 / 119619353 319840368 / 119619354	27.5-28.5	1 - 18	1	TABLE 22-2	Pass	Favorable
KAUC	R	319840355 / 119619242 319840356 / 119619243 319840357 / 119619244 319840358 / 119619245 319840363 / 119619330 319840364 / 119619331 319840369 / 119619355 319840370 / 119619356	29.5-30	1 - 18	5	TABLE 22-2	Pass	Favorable
KAUC	R	319840359 / 119619289 319840360 / 119619290 319840361 / 119619291 319840362 / 119619292 319840371 / 119619394 319840372 / 119619395 319840373 / 119619396 319840374 / 119619397	28.5-29.1	1 - 18	1	TABLE 22-2	Pass	Favorable
KADA	E	319840223 / 119619222 319840224 / 119619246 319840225 / 119619247 319840226 / 119619248 319840239 / 119619339 319840240 / 119619357 319840241 / 119619358 319840242 / 119619359	17.7-18.2	1 - 18	2, 3	TABLE 22-1B TABLE 22-3	Fail Pass	Unfavorable
KADA	E	319840227 / 119619249 319840228 / 119619250 319840230 / 119619281 319840232 / 119619295 319840234 / 119619298 319840236 / 119619301 319840237 / 119619332 319840238 / 119619333 319840244 / 119619386 319840246 / 119619400 319840248 / 119619403 319840250 / 119619406	19.7-20.2	1 - 18	4	TABLE 22-1C	Fail Pass	Unfavorable

KADA	E	319840229 / 119619279 319840231 / 119619293 319840233 / 119619296 319840235 / 119619299 319840243 / 119619384 319840245 / 119619398 319840247 / 119619401 319840249 / 119619404	18.1-18.6	1 - 18	2, 3	TABLE 22-1B TABLE 22-3	Fail Pass	Unfavorable
KADB	E	319840251 / 119619251 319840252 / 119619252 319840253 / 119619253 319840254 / 119619254 319840267 / 119619360 319840268 / 119619361 319840269 / 119619362 319840270 / 119619363	17.7-18.2	1 - 18	2, 3	TABLE 22-1B TABLE 22-3	Fail Pass	Unfavorable
KADB	E	319840255 / 119619255 319840256 / 119619256 319840258 / 119619304 319840260 / 119619307 319840262 / 119619310 319840264 / 119619313 319840265 / 119619334 319840266 / 119619335 319840272 / 119619409 319840274 / 119619412 319840276 / 119619415 319840278 / 119619418	19.7-20.2	1 - 18	4	TABLE 22-1C	Fail	Unfavorable
KADB	E	319840257 / 119619302 319840259 / 119619305 319840261 / 119619308 319840263 / 119619311 319840271 / 119619407 319840273 / 119619410 319840275 / 119619413 319840277 / 119619416	18.1-18.6	1 - 18	2, 3	TABLE 22-1B TABLE 22-3	Fail Pass	Unfavorable
KADC	E	319840279 / 119619258 319840280 / 119619259 319840281 / 119619260 319840293 / 119619365 319840294 / 119619366 319840295 / 119619367	17.7-18.2	1 - 18	2, 3	TABLE 22-1B TABLE 22-3	Fail Pass	Unfavorable
KADC	E	319840282 / 119619261 319840283 / 119619262 319840284 / 119619316 319840286 / 119619319 319840288 / 119619322 319840290 / 119619325 319840291 / 119619336 319840292 / 119619337 319840296 / 119619421 319840298 / 119619424 319840300 / 119619427 319840302 / 119619430	19.7-20.2	1 - 18	4	TABLE 22-1C	Fail	Unfavorable
KADC	E	319840285 / 119619317 319840287 / 119619320 319840289 / 119619323 319840297 / 119619422 319840299 / 119619425 319840301 / 119619428	18.1-18.6	1 - 18	2, 3	TABLE 22-1B TABLE 22-3	Fail Pass	Unfavorable

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.