

Description of EPFD validation and results of examination

Uplink, 17.3-17.7 GHz

<i>B1A</i> <i>Beam designation</i>	<i>B2</i> <i>Emi-Rcp</i>	<i>BR7a</i> <i>Group id./ 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>
UA379	R	319679768 / 117639471 319679769 / 117639472 319679770 / 117639473	17.3-17.7	1 - 32	2	TABLE 22-2	Pass	Favorable
UA379X	R	319680277 319680278 319680279	17.3-17.7	33 - 56	2	TABLE 22-2	Pass	Favorable
UA423	R	319679771 / 117639474 319679772 / 117639475 319679773 / 117639476	17.3-17.7	1 - 32	2	TABLE 22-2	Pass	Favorable
UA423X	R	319680274 319680275 319680276	17.3-17.7	33 - 56	2	TABLE 22-2	Pass	Favorable
UB379	R	319679774 / 117639477 319679775 / 117639478 319679776 / 117639479	17.3-17.7	1 - 32	2	TABLE 22-2	Pass	Favorable
UB379X	R	319680271 319680272 319680273	17.3-17.7	33 - 56	2	TABLE 22-2	Pass	Favorable
UB423	R	319679777 / 117639480 319679778 / 117639481 319679779 / 117639482	17.3-17.7	1 - 32	2	TABLE 22-2	Pass	Favorable
UB423X	R	319680268 319680269 319680270	17.3-17.7	33 - 56	2	TABLE 22-2	Pass	Favorable

Uplink, 27.5-28.6 GHz and 29.5-30 GHz

<i>B1A</i> <i>Beam designation</i>	<i>B2</i> <i>Emi-Rcp</i>	<i>BR7a</i> <i>Group id./ 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>
UC319X	R	319680247 319680248 319680249 319680250 319680251 319680252 319680253	27.5-28.6	33 - 56	2	TABLE 22-2	Pass	Favorable
UC344	R	319679801 / 117639504 319679802 / 117639505 319679803 / 117639506 319679804 / 117639507 319679805 / 117639508 319679806 / 117639509 319679807 / 117639510	27.5-28.6	1 – 32	2	TABLE 22-2	Pass	Favorable
UC344X	R	319680240 319680241 319680242 319680243 319680244 319680245 319680246	27.5-28.6	33 – 56	2	TABLE 22-2	Pass	Favorable
UC379	R	319679808 / 117639511 319679809 / 117639512 319679810 / 117639513 319679811 / 117639514 319679812 / 117639515 319679813 / 117639516 319679814 / 117639517	27.5-28.6	1 – 32	2	TABLE 22-2	Pass	Favorable
UC379X	R	319680233 319680234 319680235	27.5-28.6	33 – 56	2	TABLE 22-2	Pass	Favorable

		319680236 319680237 319680238 319680239						
UC423	R	319679815 / 117639518 319679816 / 117639519 319679817 / 117639520 319679818 / 117639521 319679819 / 117639522 319679820 / 117639523 319679821 / 117639524	27.5-28.6	1 – 32	2	TABLE 22-2	Pass	Favorable
UC423X	R	319680226 319680227 319680228 319680229 319680230 319680231 319680232	27.5-28.6	33 - 56	2	TABLE 22-2	Pass	Favorable
UE283	R	319679864 / 117639567 319679865 / 117639568 319679866 / 117639569 319679867 / 117639570 319679868 / 117639571 319679869 / 117639572 319679870 / 117639573	29.5-30	1 – 32	2	TABLE 22-2	Pass	Favorable
UE283X	R	319680177 319680178 319680179 319680180 319680181 319680182 319680183	29.5-30	33 - 56	2	TABLE 22-2	Pass	Favorable
UE299	R	319679871 / 117639574 319679872 / 117639575 319679873 / 117639576 319679874 / 117639577 319679875 / 117639578 319679876 / 117639579 319679877 / 117639580	29.5-30	1 – 32	2	TABLE 22-2	Pass	Favorable
UE299X	R	319680166 319680167 319680168 319680169 319680170 319680171 319680172	29.5-30	33 - 56	2	TABLE 22-2	Pass	Favorable
UE319	R	319679882 / 117639585 319679883 / 117639586 319679884 / 117639587 319679885 / 117639588 319679886 / 117639589 319679887 / 117639590 319679888 / 117639591	29.5-30	1 – 32	2	TABLE 22-2	Pass	Favorable
UE319X	R	319680159 319680160 319680161 319680162 319680163 319680164 319680165	29.5-30	33 - 56	2	TABLE 22-2	Pass	Favorable
UE344	R	319679889 / 117639592 319679890 / 117639593 319679891 / 117639594 319679892 / 117639595 319679893 / 117639596 319679894 / 117639597 319679895 / 117639598	29.5-30	1 – 32	2	TABLE 22-2	Pass	Favorable
UE344X	R	319680152 319680153 319680154 319680155 319680156	29.5-30	33 - 56	2	TABLE 22-2	Pass	Favorable

		319680157 319680158						
UE379	R	319679896 / 117639599 319679897 / 117639600 319679898 / 117639601 319679899 / 117639602 319679900 / 117639603 319679901 / 117639604 319679902 / 117639605	29.5-30	1 – 32	2	TABLE 22-2	Pass	Favorable
UE379X	R	319680141 319680142 319680143 319680144 319680145 319680146 319680147	29.5-30	33 - 56	2	TABLE 22-2	Pass	Favorable
UE423	R	319679907 / 117639610 319679908 / 117639611 319679909 / 117639612 319679910 / 117639613 319679911 / 117639614 319679912 / 117639615 319679913 / 117639616	29.5-30	1 – 32	2	TABLE 22-2	Pass	Favorable
UE423X	R	319680134 319680135 319680136 319680137 319680138 319680139 319680140	29.5-30	33 - 56	2	TABLE 22-2	Pass	Favorable

Downlink, 17.8 – 18.6 GHz, Scenario “Ka FSS” and “TT&C”

<i>B1A</i> <i>Beam designation</i>	<i>B2</i> <i>Emi-Rcp</i>	<i>BR7a</i> <i>Group id./ 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>
DA283	E	319679558 / 117639261 319679559 / 117639262 319679560 / 117639263 319679561 / 117639264 319679562 / 117639265 319679563 / 117639266 319679564 / 117639267	17.95-18.2	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA283	E	319679565 / 117639268 319679566 / 117639269 319679567 / 117639270 319679568 / 117639271 319679569 / 117639272 319679570 / 117639273 319679571 / 117639274 319679572 / 117639275 319679573 / 117639276 319679574 / 117639277 319679575 / 117639278 319679576 / 117639279 319679577 / 117639280 319679578 / 117639281	17.7-17.95	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA283	E	319679579 / 117639282 319679580 / 117639283 319679581 / 117639284 319679582 / 117639285 319679583 / 117639286 319679584 / 117639287 319679585 / 117639288	18.2-18.6	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA283X	E	319680102 319680103 319680104 319680105 319680106	17.95-18.2	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable

		319680107 319680108						
DA283X	E	319680109 319680110 319680111 319680112 319680113 319680114 319680115 319680116 319680117 319680118 319680119 319680120 319680121 319680122	17.7- 17.95	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA283X	E	319680123 319680124 319680125 319680126 319680127 319680128 319680129	18.2-18.6	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA299	E	319679586 / 117639289 319679587 / 117639290 319679588 / 117639291 319679589 / 117639292 319679590 / 117639293 319679591 / 117639294 319679592 / 117639295	17.95- 18.2	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA299	E	319679593 / 117639296 319679594 / 117639297 319679595 / 117639298 319679596 / 117639299 319679597 / 117639300 319679598 / 117639301 319679599 / 117639302 319679600 / 117639303 319679601 / 117639304 319679602 / 117639305 319679603 / 117639306 319679604 / 117639307 319679605 / 117639308 319679606 / 117639309	17.7- 17.95	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA299	E	319679607 / 117639310 319679608 / 117639311 319679609 / 117639312 319679610 / 117639313 319679611 / 117639314 319679612 / 117639315 319679613 / 117639316	18.2-18.6	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA299X	E	319680074 319680075 319680076 319680077 319680078 319680079 319680080	17.95- 18.2	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA299X	E	319680081 319680082 319680083 319680084 319680085 319680086 319680087 319680088 319680089 319680090 319680091 319680092 319680093 319680094	17.7- 17.95	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable

DA299X	E	319680095 319680096 319680097 319680098 319680099 319680100 319680101	18.2-18.6	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA319	E	319679614 / 117639317 319679615 / 117639318 319679616 / 117639319 319679617 / 117639320 319679618 / 117639321 319679619 / 117639322 319679620 / 117639323	17.95- 18.2	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA319	E	319679621 / 117639324 319679622 / 117639325 319679623 / 117639326 319679624 / 117639327 319679625 / 117639328 319679626 / 117639329 319679627 / 117639330 319679628 / 117639331 319679629 / 117639332 319679630 / 117639333 319679631 / 117639334 319679632 / 117639335 319679633 / 117639336 319679634 / 117639337	17.7- 17.95	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA319	E	319679635 / 117639338 319679636 / 117639339 319679637 / 117639340 319679638 / 117639341 319679639 / 117639342 319679640 / 117639343 319679641 / 117639344	18.2-18.6	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA319X	E	319680046 319680047 319680048 319680049 319680050 319680051 319680052	17.95- 18.2	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA319X	E	319680053 319680054 319680055 319680056 319680057 319680058 319680059 319680060 319680061 319680062 319680063 319680064 319680065 319680066	17.7- 17.95	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA319X	E	319680067 319680068 319680069 319680070 319680071 319680072 319680073	18.2-18.6	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA344	E	319679642 / 117639345 319679643 / 117639346 319679644 / 117639347 319679645 / 117639348 319679646 / 117639349 319679647 / 117639350 319679648 / 117639351	17.95- 18.2	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA344	E	319679649 / 117639352 319679650 / 117639353 319679651 / 117639354	17.7- 17.95	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable

		319679652 / 117639355 319679653 / 117639356 319679654 / 117639357 319679655 / 117639358 319679656 / 117639359 319679657 / 117639360 319679658 / 117639361 319679659 / 117639362 319679660 / 117639363 319679661 / 117639364 319679662 / 117639365						
DA344	E	319679663 / 117639366 319679664 / 117639367 319679665 / 117639368 319679666 / 117639369 319679667 / 117639370 319679668 / 117639371 319679669 / 117639372	18.2-18.6	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA344X	E	319680018 319680019 319680020 319680021 319680022 319680023 319680024	17.95- 18.2	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA344X	E	319680025 319680026 319680027 319680028 319680029 319680030 319680031 319680032 319680033 319680034 319680035 319680036 319680037 319680038	17.7- 17.95	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA344X	E	319680039 319680040 319680041 319680042 319680043 319680044 319680045	18.2-18.6	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA379	E	319679670 / 117639373 319679671 / 117639374 319679672 / 117639375 319679673 / 117639376 319679674 / 117639377 319679675 / 117639378 319679676 / 117639379	17.95- 18.2	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA379	E	319679677 / 117639380 319679678 / 117639381 319679679 / 117639382 319679680 / 117639383 319679681 / 117639384 319679682 / 117639385 319679683 / 117639386 319679684 / 117639387 319679685 / 117639388 319679686 / 117639389 319679687 / 117639390 319679688 / 117639391 319679689 / 117639392 319679690 / 117639393	17.7- 17.95	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA379	E	319679691 / 117639394 319679692 / 117639395 319679693 / 117639396 319679694 / 117639397 319679695 / 117639398	18.2-18.6	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable

		319679696 / 117639399 319679697 / 117639400						
DA379X	E	319679990 319679991 319679992 319679993 319679994 319679995 319679996	17.95- 18.2	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA379X	E	319679997 319679998 319679999 319680000 319680001 319680002 319680003 319680004 319680005 319680006 319680007 319680008 319680009 319680010	17.7- 17.95	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA379X	E	319680011 319680012 319680013 319680014 319680015 319680016 319680017	18.2-18.6	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA423	E	319679698 / 117639401 319679699 / 117639402 319679700 / 117639403 319679701 / 117639404 319679702 / 117639405 319679703 / 117639406 319679704 / 117639407	17.95- 18.2	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA423	E	319679705 / 117639408 319679706 / 117639409 319679707 / 117639410 319679708 / 117639411 319679709 / 117639412 319679710 / 117639413 319679711 / 117639414 319679712 / 117639415 319679713 / 117639416 319679714 / 117639417 319679715 / 117639418 319679716 / 117639419 319679717 / 117639420 319679718 / 117639421	17.7- 17.95	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA423	E	319679719 / 117639422 319679720 / 117639423 319679721 / 117639424 319679722 / 117639425 319679723 / 117639426 319679724 / 117639427 319679725 / 117639428	18.2-18.6	1 -32	3, 150	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA423X	E	319679962 319679963 319679964 319679965 319679966 319679967 319679968	17.95- 18.2	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DA423X	E	319679969 319679970 319679971 319679972 319679973 319679974 319679975 319679976	17.7- 17.95	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable

		319679977 319679978 319679979 319679980 319679981 319679982						
DA423X	E	319679983 319679984 319679985 319679986 319679987 319679988 319679989	18.2-18.6	33 - 56	4, 550	TABLE 22-1B TABLE 22-3	Pass Pass	Favorable
DTTC	E	319679918 / 117639621	18.55- 18.6	1 -32	150	TABLE 22-1B	Pass	Favorable
DTTCX	E	319679919	18.55- 18.6	33 - 56	550	TABLE 22-1B	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.