

Description of EPFD validation and results of examination

Downlink examination of frequency ranges 17.8 – 18.6 GHz and 19.7 – 20.2 GHz.

Inter-satellite examination of frequency ranges 17.8 – 18.4 GHz.

Uplink examination of frequency ranges 17.3-17.7 GHz, 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./</i> <i>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	317822776 / 114759749 317822777 / 114759750 317822778 / 114759751	17.3-17.7	1 - 43	4	TABLE 22-2	Pass	Favorable
UA423	R	317822779 / 114759752 317822780 / 114759753 317822781 / 114759754	17.3-17.7	1 - 43	4	TABLE 22-2	Pass	Favorable
UB379	R	317822782 / 114759755 317822783 / 114759756 317822784 / 114759757	17.3-17.7	1 - 43	4	TABLE 22-2	Pass	Favorable
UB423	R	317822785 / 114759758 317822786 / 114759759 317822787 / 114759760	17.3-17.7	1 - 43	4	TABLE 22-2	Pass	Favorable
UC283	R	317822788 / 114759761 317822789 / 114759762 317822790 / 114759763 317822791 / 114759764 317822792 / 114759765 317822793 / 114759766 317822794 / 114759767	27.5-28.6	1 - 43	2	TABLE 22-2	Pass	Favorable
UC299	R	317822795 / 114759768 317822796 / 114759769 317822797 / 114759770 317822798 / 114759771 317822799 / 114759772 317822800 / 114759773 317822801 / 114759774	27.5-28.6	1 - 43	2	TABLE 22-2	Pass	Favorable
UC319	R	317822802 / 114759775 317822803 / 114759776 317822804 / 114759777 317822805 / 114759778 317822806 / 114759779 317822807 / 114759780 317822808 / 114759781	27.5-28.6	1 - 43	2	TABLE 22-2	Pass	Favorable
UC344	R	317822809 / 114759782 317822810 / 114759783 317822811 / 114759784 317822812 / 114759785	27.5-28.6	1 - 43	2	TABLE 22-2	Pass	Favorable

		317822813 / 114759786 317822814 / 114759787 317822815 / 114759788						
UC379	R	317822816 / 114759789 317822817 / 114759790 317822818 / 114759791 317822819 / 114759792 317822820 / 114759793 317822821 / 114759794 317822822 / 114759795	27.5-28.6	1 - 43	2	TABLE 22-2	Pass	Favorable
UC423	R	317822823 / 114759796 317822824 / 114759797 317822825 / 114759798 317822826 / 114759799 317822827 / 114759800 317822828 / 114759801 317822829 / 114759802	27.5-28.6	1 - 43	2	TABLE 22-2	Pass	Favorable
UE283	R	317822872 / 114759845 317822873 / 114759846 317822874 / 114759847 317822875 / 114759848 317822876 / 114759849 317822877 / 114759850 317822878 / 114759851	29.5-30	1 - 43	2	TABLE 22-2	Pass	Favorable
UE299	R	317822879 / 114759852 317822880 / 114759853 317822881 / 114759854 317822882 / 114759855 317822883 / 114759856 317822884 / 114759857 317822885 / 114759858	29.5-30	1 - 43	2	TABLE 22-2	Pass	Favorable
UE319	R	317822890 / 114759859 317822891 / 114759860 317822892 / 114759861 317822893 / 114759862 317822894 / 114759863 317822895 / 114759864 317822896 / 114759865	29.5-30	1 - 43	2	TABLE 22-2	Pass	Favorable
UE344	R	317822897 / 114759866 317822898 / 114759867 317822899 / 114759868 317822900 / 114759869 317822901 / 114759870 317822902 / 114759871 317822903 / 114759872	29.5-30	1 - 43	2	TABLE 22-2	Pass	Favorable
UE379	R	317822904 / 114759873 317822905 / 114759874 317822906 / 114759875 317822907 / 114759876 317822908 / 114759877 317822909 / 114759878 317822910 / 114759879	29.5-30	1 - 43	2	TABLE 22-2	Pass	Favorable

UE423	R	317822915 / 114759880 317822916 / 114759881 317822917 / 114759882 317822918 / 114759883 317822919 / 114759884 317822920 / 114759885 317822921 / 114759886	29.5-30	1 - 43	2	TABLE 22-2	Pass	Favorable
DA2832	E	317822082 / 114761230 317822083 / 114761231 317822084 / 114761232 317822085 / 114761233 317822086 / 114761234 317822087 / 114761235 317822088 / 114761236	17.95-18.2	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA2832	E	317822089 / 114761237 317822090 / 114761238 317822091 / 114761239 317822092 / 114761240 317822093 / 114761241 317822094 / 114761242 317822095 / 114761243 317822096 / 114761244 317822097 / 114761245 317822098 / 114761246 317822099 / 114761247 317822100 / 114761248 317822101 / 114761249 317822102 / 114761250	17.7-17.95	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA2832	E	317822103 / 114761251 317822104 / 114761252 317822105 / 114761253 317822106 / 114761254 317822107 / 114761255 317822108 / 114761256 317822109 / 114761257	18.2-18.6	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA2833	E	317822110 / 114761258 317822111 / 114761259 317822112 / 114761260 317822113 / 114761261 317822114 / 114761262 317822115 / 114761263 317822116 / 114761264	17.95-18.2	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA2833	E	317822117 / 114761265 317822118 / 114761266 317822119 / 114761267 317822120 / 114761268 317822121 / 114761269 317822122 / 114761270 317822123 / 114761271 317822124 / 114761272 317822125 / 114761273 317822126 / 114761274	17.7-17.95	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable

		317822127 / 114761275 317822128 / 114761276 317822129 / 114761277 317822130 / 114761278						
DA2833	E	317822131 / 114761279 317822132 / 114761280 317822133 / 114761281 317822134 / 114761282 317822135 / 114761283 317822136 / 114761284 317822137 / 114761285	18.2-18.6	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA2992	E	317822166 / 114761286 317822167 / 114761287 317822168 / 114761288 317822169 / 114761289 317822170 / 114761290 317822171 / 114761291 317822172 / 114761292	17.95-18.2	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA2992	E	317822173 / 114761293 317822174 / 114761294 317822175 / 114761295 317822176 / 114761296 317822177 / 114761297 317822178 / 114761298 317822179 / 114761299 317822180 / 114761300 317822181 / 114761301 317822182 / 114761302 317822183 / 114761303 317822184 / 114761304 317822185 / 114761305 317822186 / 114761306	17.7-17.95	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA2992	E	317822187 / 114761307 317822188 / 114761308 317822189 / 114761309 317822190 / 114761310 317822191 / 114761311 317822192 / 114761312 317822193 / 114761313	18.2-18.6	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA2993	E	317822194 / 114761314 317822195 / 114761315 317822196 / 114761316 317822197 / 114761317 317822198 / 114761318 317822199 / 114761319 317822200 / 114761320	17.95-18.2	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA2993	E	317822201 / 114761321 317822202 / 114761322 317822203 / 114761323 317822204 / 114761324 317822205 / 114761325 317822206 / 114761326	17.7-17.95	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable

		317822207 / 114761327 317822208 / 114761328 317822209 / 114761329 317822210 / 114761330 317822211 / 114761331 317822212 / 114761332 317822213 / 114761333 317822214 / 114761334						
DA2993	E	317822215 / 114761335 317822216 / 114761336 317822217 / 114761337 317822218 / 114761338 317822219 / 114761339 317822220 / 114761340 317822221 / 114761341	18.2-18.6	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3192	E	317822250 / 114761342 317822251 / 114761343 317822252 / 114761344 317822253 / 114761345 317822254 / 114761346 317822255 / 114761347 317822256 / 114761348	17.95-18.2	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3192	E	317822257 / 114761349 317822258 / 114761350 317822259 / 114761351 317822260 / 114761352 317822261 / 114761353 317822262 / 114761354 317822263 / 114761355 317822264 / 114761356 317822265 / 114761357 317822266 / 114761358 317822267 / 114761359 317822268 / 114761360 317822269 / 114761361 317822270 / 114761362	17.7-17.95	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3192	E	317822271 / 114761363 317822272 / 114761364 317822273 / 114761365 317822274 / 114761366 317822275 / 114761367 317822276 / 114761368 317822277 / 114761369	18.2-18.6	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3193	E	317822278 / 114761370 317822279 / 114761371 317822280 / 114761372 317822281 / 114761373 317822282 / 114761374 317822283 / 114761375 317822284 / 114761376	17.95-18.2	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3193	E	317822285 / 114761377 317822286 / 114761378	17.7-17.95	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable

		317822287 / 114761379 317822288 / 114761380 317822289 / 114761381 317822290 / 114761382 317822291 / 114761383 317822292 / 114761384 317822293 / 114761385 317822294 / 114761386 317822295 / 114761387 317822296 / 114761388 317822297 / 114761389 317822298 / 114761390						
DA3193	E	317822299 / 114761391 317822300 / 114761392 317822301 / 114761393 317822302 / 114761394 317822303 / 114761395 317822304 / 114761396 317822305 / 114761397	18.2-18.6	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3442	E	317822334 / 114761398 317822335 / 114761399 317822336 / 114761400 317822337 / 114761401 317822338 / 114761402 317822339 / 114761403 317822340 / 114761404	17.95-18.2	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3442	E	317822341 / 114761405 317822342 / 114761406 317822343 / 114761407 317822344 / 114761408 317822345 / 114761409 317822346 / 114761410 317822347 / 114761411 317822348 / 114761412 317822349 / 114761413 317822350 / 114761414 317822351 / 114761415 317822352 / 114761416 317822353 / 114761417 317822354 / 114761418	17.7-17.95	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3442	E	317822355 / 114761419 317822356 / 114761420 317822357 / 114761421 317822358 / 114761422 317822359 / 114761423 317822360 / 114761424 317822361 / 114761425	18.2-18.6	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3443	E	317822362 / 114761426 317822363 / 114761427 317822364 / 114761428 317822365 / 114761429 317822366 / 114761430	17.95-18.2	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable

		317822367 / 114761431 317822368 / 114761432						
DA3443	E	317822369 / 114761433 317822370 / 114761434 317822371 / 114761435 317822372 / 114761436 317822373 / 114761437 317822374 / 114761438 317822375 / 114761439 317822376 / 114761440 317822377 / 114761441 317822378 / 114761442 317822379 / 114761443 317822380 / 114761444 317822381 / 114761445 317822382 / 114761446	17.7-17.95	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3443	E	317822383 / 114761447 317822384 / 114761448 317822385 / 114761449 317822386 / 114761450 317822387 / 114761451 317822388 / 114761452 317822389 / 114761453	18.2-18.6	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3792	E	317822418 / 114761454 317822419 / 114761455 317822420 / 114761456 317822421 / 114761457 317822422 / 114761458 317822423 / 114761459 317822424 / 114761460	17.95-18.2	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3792	E	317822425 / 114761461 317822426 / 114761462 317822427 / 114761463 317822428 / 114761464 317822429 / 114761465 317822430 / 114761466 317822431 / 114761467 317822432 / 114761468 317822433 / 114761469 317822434 / 114761470 317822435 / 114761471 317822436 / 114761472 317822437 / 114761473 317822438 / 114761474	17.7-17.95	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3792	E	317822439 / 114761475 317822440 / 114761476 317822441 / 114761477 317822442 / 114761478 317822443 / 114761479 317822444 / 114761480 317822445 / 114761481	18.2-18.6	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable

DA3793	E	317822446 / 114761482 317822447 / 114761483 317822448 / 114761484 317822449 / 114761485 317822450 / 114761486 317822451 / 114761487 317822452 / 114761488	17.95-18.2	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3793	E	317822453 / 114761489 317822454 / 114761490 317822455 / 114761491 317822456 / 114761492 317822457 / 114761493 317822458 / 114761494 317822459 / 114761495 317822460 / 114761496 317822461 / 114761497 317822462 / 114761498 317822463 / 114761499 317822464 / 114761500 317822465 / 114761501 317822466 / 114761502	17.7-17.95	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA3793	E	317822467 / 114761503 317822468 / 114761504 317822469 / 114761505 317822470 / 114761506 317822471 / 114761507 317822472 / 114761508 317822473 / 114761509	18.2-18.6	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA4232	E	317822502 / 114761510 317822503 / 114761511 317822504 / 114761512 317822505 / 114761513 317822506 / 114761514 317822507 / 114761515 317822508 / 114761516	17.95-18.2	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA4232	E	317822509 / 114761517 317822510 / 114761518 317822511 / 114761519 317822512 / 114761520 317822513 / 114761521 317822514 / 114761522 317822515 / 114761523 317822516 / 114761524 317822517 / 114761525 317822518 / 114761526 317822519 / 114761527 317822520 / 114761528 317822521 / 114761529 317822522 / 114761530	17.7-17.95	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA4232	E	317822523 / 114761531 317822524 / 114761532 317822525 / 114761533	18.2-18.6	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable

		317822526 / 114761534 317822527 / 114761535 317822528 / 114761536 317822529 / 114761537						
DA4233	E	317822530 / 114761538 317822531 / 114761539 317822532 / 114761540 317822533 / 114761541 317822534 / 114761542 317822535 / 114761543 317822536 / 114761544	17.95-18.2	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA4233	E	317822537 / 114761545 317822538 / 114761546 317822539 / 114761547 317822540 / 114761548 317822541 / 114761549 317822542 / 114761550 317822543 / 114761551 317822544 / 114761552 317822545 / 114761553 317822546 / 114761554 317822547 / 114761555 317822548 / 114761556 317822549 / 114761557 317822550 / 114761558	17.7-17.95	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DA4233	E	317822551 / 114761559 317822552 / 114761560 317822553 / 114761561 317822554 / 114761562 317822555 / 114761563 317822556 / 114761564 317822557 / 114761565	18.2-18.6	1 - 43	3, 150, 275, 325	TABLE 22-3 TABLE 22-1B	Pass Pass	Favorable
DD283	E	317822726 / 114759707 317822727 / 114759708 317822728 / 114759709 317822729 / 114759710 317822730 / 114759711 317822731 / 114759712 317822732 / 114759713	19.7-20.2	1 - 43	150, 275, 325	TABLE 22-1C	Pass	Favorable
DD299	E	317822733 / 114759714 317822734 / 114759715 317822735 / 114759716 317822736 / 114759717 317822737 / 114759718 317822738 / 114759719 317822739 / 114759720	19.7-20.2	1 - 43	150, 275, 325	TABLE 22-1C	Pass	Favorable
DD319	E	317822744 / 114759721 317822745 / 114759722 317822746 / 114759723 317822747 / 114759724 317822748 / 114759725	19.7-20.2	1 - 43	150, 275, 325	TABLE 22-1C	Pass	Favorable

		317822749 / 114759726 317822750 / 114759727						
DD344	E	317822751 / 114759728 317822752 / 114759729 317822753 / 114759730 317822754 / 114759731 317822755 / 114759732 317822756 / 114759733 317822757 / 114759734	19.7-20.2	1 - 43	150, 275, 325	TABLE 22-1C	Pass	Favorable
DD379	E	317822758 / 114759735 317822759 / 114759736 317822760 / 114759737 317822761 / 114759738 317822762 / 114759739 317822763 / 114759740 317822764 / 114759741	19.7-20.2	1 - 43	150, 275, 325	TABLE 22-1C	Pass	Favorable
DD423	E	317822769 / 114759742 317822770 / 114759743 317822771 / 114759744 317822772 / 114759745 317822773 / 114759746 317822774 / 114759747 317822775 / 114759748	19.7-20.2	1 - 43	150, 275, 325	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.