

Description of EPFD validation and results of examination

Downlink examination of frequency ranges 10.7 – 12.75 GHz.

Inter-satellite examination of frequency ranges 10.7 – 12.75 GHz.

Uplink examination of frequency ranges 12.75 – 13.25 GHz, 13.75-14 GHz, 14-14.5 GHz “User terminals”, 14-14.5 “Gateway”

<i>B1A</i>	<i>B2</i>	<i>BR7a</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>
<i>Beam designation</i>	<i>Emi-Rcp</i>	<i>Group id./ Target Group id.</i>						
UA263	R	319678056 / 114759449 319678057 / 114759450 319678058 / 114759451 319678059 / 114759452 319678060 / 114759453 319678061 / 114759454 319678062 / 114759455	12.75-13.25	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	20	TABLE 22-2	Pass	Favorable
UA263X	R	319678829 319678830 319678831 319678832 319678833 319678834 319678835	12.75-13.25	44 - 67	20	TABLE 22-2	Pass	Favorable
UA279	R	319678063 / 114759456 319678064 / 114759457 319678065 / 114759458 319678066 / 114759459 319678067 / 114759460 319678068 / 114759461 319678069 / 114759462	12.75-13.25	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	20	TABLE 22-2	Pass	Favorable
UA279X	R	319678822 319678823 319678824 319678825 319678826 319678827 319678828	12.75-13.25	44 - 67	20	TABLE 22-2	Pass	Favorable
UA299	R	319678070 / 114759463 319678071 / 114759464 319678072 / 114759465 319678073 / 114759466 319678074 / 114759467 319678075 / 114759468 319678076 / 114759469	12.75-13.25	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	20	TABLE 22-2	Pass	Favorable
UA299X	R	319678815 319678816 319678817	12.75-13.25	44 - 67	20	TABLE 22-2	Pass	Favorable

		319678818 319678819 319678820 319678821						
UA324	R	319678077 / 114759470 319678078 / 114759471 319678079 / 114759472 319678080 / 114759473 319678081 / 114759474 319678082 / 114759475 319678083 / 114759476	12.75-13.25	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	20	TABLE 22-2	Pass	Favorable
UA324X	R	319678808 319678809 319678810 319678811 319678812 319678813 319678814	12.75-13.25	44 - 67	20	TABLE 22-2	Pass	Favorable
UA359	R	319678084 / 114759477 319678085 / 114759478 319678086 / 114759479 319678087 / 114759480 319678088 / 114759481 319678089 / 114759482 319678090 / 114759483	12.75-13.25	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	20	TABLE 22-2	Pass	Favorable
UA359X	R	319678801 319678802 319678803 319678804 319678805 319678806 319678807	12.75-13.25	44 - 67	20	TABLE 22-2	Pass	Favorable
UA403	R	319678091 / 114759484 319678092 / 114759485 319678093 / 114759486 319678094 / 114759487 319678095 / 114759488 319678096 / 114759489 319678097 / 114759490	12.75-13.25	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	20	TABLE 22-2	Pass	Favorable
UA403X	R	319678794 319678795 319678796 319678797 319678798 319678799 319678800	12.75-13.25	44 - 67	20	TABLE 22-2	Pass	Favorable
UB263	R	319678098 / 114759491	13.75-14	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	21	TABLE 22-2	Pass	Favorable
UB263X	R	319678793	13.75-14	44 - 67	21	TABLE 22-2	Pass	Favorable

UB279	R	319678099 / 114759492	13.75-14	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	21	TABLE 22-2	Pass	Favorable
UB279X	R	319678792	13.75-14	44 - 67	21	TABLE 22-2	Pass	Favorable
UB299	R	319678100 / 114759493	13.75-14	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	21	TABLE 22-2	Pass	Favorable
UB299X	R	319678791	13.75-14	44 - 67	21	TABLE 22-2	Pass	Favorable
UB324	R	319678101 / 114759494	13.75-14	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	21	TABLE 22-2	Pass	Favorable
UB324X	R	319678790	13.75-14	44 - 67	21	TABLE 22-2	Pass	Favorable
UB359	R	319678102 / 114759495	13.75-14	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	21	TABLE 22-2	Pass	Favorable
UB359X	R	319678789	13.75-14	44 - 67	21	TABLE 22-2	Pass	Favorable
UB403	R	319678103 / 114759496	13.75-14	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	21	TABLE 22-2	Pass	Favorable
UB403X	R	319678788	13.75-14	44 - 67	21	TABLE 22-2	Pass	Favorable
DA263	E	319677995 / 114759388 319677996 / 114759389 319677997 / 114759390 319677998 / 114759391 319677999 / 114759392 319678000 / 114759393 319678001 / 114759394 319678146 / 114759539 319678147 / 114759540 319678148 / 114759541 319678149 / 114759542 319678150 / 114759543 319678151 / 114759544 319678152 / 114759545	10.7-11.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA263	E	319678223 / 114760026 319678224 / 114760027 319678225 / 114760028 319678226 / 114760029 319678227 / 114760030 319678228 / 114760031 319678229 / 114760032 319678272 / 114760075 319678273 / 114760076 319678274 / 114760077 319678275 / 114760078 319678276 / 114760079 319678277 / 114760080 319678278 / 114760081	11.2-11.7	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA263X	E	319678718 319678719 319678720 319678721	10.7-11.2	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable

		319678722 319678723 319678724 319678725 319678726 319678727 319678728 319678729 319678730 319678731						
DA263X	E	319678732 319678733 319678734 319678735 319678736 319678737 319678738 319678739 319678740 319678741 319678742 319678743 319678744 319678745	11.2-11.7	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA279	E	319677988 / 114759381 319677989 / 114759382 319677990 / 114759383 319677991 / 114759384 319677992 / 114759385 319677993 / 114759386 319677994 / 114759387 319678153 / 114759546 319678154 / 114759547 319678155 / 114759548 319678156 / 114759549 319678157 / 114759550 319678158 / 114759551 319678159 / 114759552	10.7-11.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA279	E	319678216 / 114760019 319678217 / 114760020 319678218 / 114760021 319678219 / 114760022 319678220 / 114760023 319678221 / 114760024 319678222 / 114760025 319678279 / 114760082 319678280 / 114760083 319678281 / 114760084 319678282 / 114760085 319678283 / 114760086 319678284 / 114760087 319678285 / 114760088	11.2-11.7	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable

DA279X	E	319678690 319678691 319678692 319678693 319678694 319678695 319678696 319678697 319678698 319678699 319678700 319678701 319678702 319678703	10.7-11.2	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA279X	E	319678704 319678705 319678706 319678707 319678708 319678709 319678710 319678711 319678712 319678713 319678714 319678715 319678716 319678717	11.2-11.7	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA299	E	319677981 / 114759374 319677982 / 114759375 319677983 / 114759376 319677984 / 114759377 319677985 / 114759378 319677986 / 114759379 319677987 / 114759380 319678160 / 114759553 319678161 / 114759554 319678162 / 114759555 319678163 / 114759556 319678164 / 114759557 319678165 / 114759558 319678166 / 114759559	10.7-11.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA299	E	319678209 / 114760012 319678210 / 114760013 319678211 / 114760014 319678212 / 114760015 319678213 / 114760016 319678214 / 114760017 319678215 / 114760018 319678286 / 114760089 319678287 / 114760090 319678288 / 114760091	11.2-11.7	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable

		319678289 / 114760092 319678290 / 114760093 319678291 / 114760094 319678292 / 114760095						
DA299X	E	319678662 319678663 319678664 319678665 319678666 319678667 319678668 319678669 319678670 319678671 319678672 319678673 319678674 319678675	10.7-11.2	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA299X	E	319678676 319678677 319678678 319678679 319678680 319678681 319678682 319678683 319678684 319678685 319678686 319678687 319678688 319678689	11.2-11.7	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA324	E	319677974 / 114759367 319677975 / 114759368 319677976 / 114759369 319677977 / 114759370 319677978 / 114759371 319677979 / 114759372 319677980 / 114759373 319678167 / 114759560 319678168 / 114759561 319678169 / 114759562 319678170 / 114759563 319678171 / 114759564 319678172 / 114759565 319678173 / 114759566	10.7-11.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA324	E	319678202 / 114760005 319678203 / 114760006 319678204 / 114760007 319678205 / 114760008 319678206 / 114760009 319678207 / 114760010	11.2-11.7	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable

		319678208 / 114760011 319678293 / 114760096 319678294 / 114760097 319678295 / 114760098 319678296 / 114760099 319678297 / 114760100 319678298 / 114760101 319678299 / 114760102						
DA324X	E	319678634 319678635 319678636 319678637 319678638 319678639 319678640 319678641 319678642 319678643 319678644 319678645 319678646 319678647	10.7-11.2	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA324X	E	319678648 319678649 319678650 319678651 319678652 319678653 319678654 319678655 319678656 319678657 319678658 319678659 319678660 319678661	11.2-11.7	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA359	E	319677967 / 114759360 319677968 / 114759361 319677969 / 114759362 319677970 / 114759363 319677971 / 114759364 319677972 / 114759365 319677973 / 114759366 319678174 / 114759567 319678175 / 114759568 319678176 / 114759569 319678177 / 114759570 319678178 / 114759571 319678179 / 114759572 319678180 / 114759573	10.7-11.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable

DA359	E	319678195 / 114759998 319678196 / 114759999 319678197 / 114760000 319678198 / 114760001 319678199 / 114760002 319678200 / 114760003 319678201 / 114760004 319678300 / 114760103 319678301 / 114760104 319678302 / 114760105 319678303 / 114760106 319678304 / 114760107 319678305 / 114760108 319678306 / 114760109	11.2-11.7	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA359X	E	319678606 319678607 319678608 319678609 319678610 319678611 319678612 319678613 319678614 319678615 319678616 319678617 319678618 319678619	10.7-11.2	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA359X	E	319678620 319678621 319678622 319678623 319678624 319678625 319678626 319678627 319678628 319678629 319678630 319678631 319678632 319678633	11.2-11.7	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA403	E	319677960 / 114759353 319677961 / 114759354 319677962 / 114759355 319677963 / 114759356 319677964 / 114759357 319677965 / 114759358 319677966 / 114759359 319678181 / 114759574 319678182 / 114759575 319678183 / 114759576	10.7-11.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable

		319678184 / 114759577 319678185 / 114759578 319678186 / 114759579 319678187 / 114759580						
DA403	E	319678188 / 114759991 319678189 / 114759992 319678190 / 114759993 319678191 / 114759994 319678192 / 114759995 319678193 / 114759996 319678194 / 114759997 319678307 / 114760110 319678308 / 114760111 319678309 / 114760112 319678310 / 114760113 319678311 / 114760114 319678312 / 114760115 319678313 / 114760116	11.2-11.7	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA403X	E	319678578 319678579 319678580 319678581 319678582 319678583 319678584 319678585 319678586 319678587 319678588 319678589 319678590 319678591	10.7-11.2	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DA403X	E	319678592 319678593 319678594 319678595 319678596 319678597 319678598 319678599 319678600 319678601 319678602 319678603 319678604 319678605	11.2-11.7	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	Favorable
DB263	E	319678002 / 114759395 319678003 / 114759396 319678004 / 114759397 319678005 / 114759398 319678006 / 114759399 319678007 / 114759400	11.7-12.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable

		319678008 / 114759401 319678314 / 114761686 319678315 / 114761687 319678316 / 114761688 319678317 / 114761689 319678318 / 114761690 319678319 / 114761691 319678320 / 114761692						
DB263	E	319678230 / 114760033 319678231 / 114760034 319678232 / 114760035 319678233 / 114760036 319678234 / 114760037 319678235 / 114760038 319678236 / 114760039 319678321 / 114761693 319678322 / 114761694 319678323 / 114761695 319678324 / 114761696 319678325 / 114761697 319678326 / 114761698 319678327 / 114761699	12.2-12.7	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DB263X	E	319678550 319678551 319678552 319678553 319678554 319678555 319678556 319678564 319678565 319678566 319678567 319678568 319678569 319678570	11.7-12.2	44 - 67	150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
DB263X	E	319678557 319678558 319678559 319678560 319678561 319678562 319678563 319678571 319678572 319678573 319678574 319678575 319678576 319678577	12.2-12.7	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable

DB279	E	319678009 / 114759402 319678010 / 114759403 319678011 / 114759404 319678012 / 114759405 319678013 / 114759406 319678014 / 114759407 319678015 / 114759408 319678328 / 114761700 319678329 / 114761701 319678330 / 114761702 319678331 / 114761703 319678332 / 114761704 319678333 / 114761705 319678334 / 114761706	11.7-12.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
DB279	E	319678237 / 114760040 319678238 / 114760041 319678239 / 114760042 319678240 / 114760043 319678241 / 114760044 319678242 / 114760045 319678243 / 114760046 319678335 / 114761707 319678336 / 114761708 319678337 / 114761709 319678338 / 114761710 319678339 / 114761711 319678340 / 114761712 319678341 / 114761713	12.2-12.7	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable
DB279X	E	319678522 319678523 319678524 319678525 319678526 319678527 319678528 319678536 319678537 319678538 319678539 319678540 319678541 319678542	11.7-12.2	44 - 67	150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
DB279X	E	319678529 319678530 319678531 319678532 319678533 319678534 319678535 319678543 319678544 319678545	12.2-12.7	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable

		319678546 319678547 319678548 319678549						
DB299	E	319678016 / 114759409 319678017 / 114759410 319678018 / 114759411 319678019 / 114759412 319678020 / 114759413 319678021 / 114759414 319678022 / 114759415 319678384 / 114762345 319678385 / 114762346 319678386 / 114762347 319678387 / 114762348 319678388 / 114762349 319678389 / 114762350 319678390 / 114762351	11.7-12.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
DB299	E	319678244 / 114760047 319678245 / 114760048 319678246 / 114760049 319678247 / 114760050 319678248 / 114760051 319678249 / 114760052 319678250 / 114760053 319678391 / 114762352 319678392 / 114762353 319678393 / 114762354 319678394 / 114762355 319678395 / 114762356 319678396 / 114762357 319678397 / 114762358	12.2-12.7	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable
DB299X	E	319678494 319678495 319678496 319678497 319678498 319678499 319678500 319678508 319678509 319678510 319678511 319678512 319678513 319678514	11.7-12.2	44 - 67	150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
DB299X	E	319678501 319678502 319678503 319678504 319678505 319678506	12.2-12.7	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable

		319678507 319678515 319678516 319678517 319678518 319678519 319678520 319678521						
DB324	E	319678023 / 114759416 319678024 / 114759417 319678025 / 114759418 319678026 / 114759419 319678027 / 114759420 319678028 / 114759421 319678029 / 114759422 319678342 / 114761714 319678343 / 114761715 319678344 / 114761716 319678345 / 114761717 319678346 / 114761718 319678347 / 114761719 319678348 / 114761720	11.7-12.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
DB324	E	319678251 / 114760054 319678252 / 114760055 319678253 / 114760056 319678254 / 114760057 319678255 / 114760058 319678256 / 114760059 319678257 / 114760060 319678349 / 114761721 319678350 / 114761722 319678351 / 114761723 319678352 / 114761724 319678353 / 114761725 319678354 / 114761726 319678355 / 114761727	12.2-12.7	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DB324X	E	319678466 319678467 319678468 319678469 319678470 319678471 319678472 319678480 319678481 319678482 319678483 319678484 319678485 319678486	11.7-12.2	44 - 67	150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
DB324X	E	319678473 319678474	12.2-12.7	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8	Pass Pass	Favorable

		319678475 319678476 319678477 319678478 319678479 319678487 319678488 319678489 319678490 319678491 319678492 319678493				TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass	
DB359	E	319678030 / 114759423 319678031 / 114759424 319678032 / 114759425 319678033 / 114759426 319678034 / 114759427 319678035 / 114759428 319678036 / 114759429 319678356 / 114761728 319678357 / 114761729 319678358 / 114761730 319678359 / 114761731 319678360 / 114761732 319678361 / 114761733 319678362 / 114761734	11.7-12.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
DB359	E	319678258 / 114760061 319678259 / 114760062 319678260 / 114760063 319678261 / 114760064 319678262 / 114760065 319678263 / 114760066 319678264 / 114760067 319678363 / 114761735 319678364 / 114761736 319678365 / 114761737 319678366 / 114761738 319678367 / 114761739 319678368 / 114761740 319678369 / 114761741	12.2-12.7	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable
DB359X	E	319678438 319678439 319678440 319678441 319678442 319678443 319678444 319678452 319678453 319678454 319678455 319678456	11.7-12.2	44 - 67	150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable

		319678457 319678458						
DB359X	E	319678445 319678446 319678447 319678448 319678449 319678450 319678451 319678459 319678460 319678461 319678462 319678463 319678464 319678465	12.2-12.7	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable
DB403	E	319678037 / 114759430 319678038 / 114759431 319678039 / 114759432 319678040 / 114759433 319678041 / 114759434 319678042 / 114759435 319678043 / 114759436 319678370 / 114761742 319678371 / 114761743 319678372 / 114761744 319678373 / 114761745 319678374 / 114761746 319678375 / 114761747 319678376 / 114761748	11.7-12.2	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable
DB403	E	319678265 / 114760068 319678266 / 114760069 319678267 / 114760070 319678268 / 114760071 319678269 / 114760072 319678270 / 114760073 319678271 / 114760074 319678377 / 114761749 319678378 / 114761750 319678379 / 114761751 319678380 / 114761752 319678381 / 114761753 319678382 / 114761754 319678383 / 114761755	12.2-12.7	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable
DB403X	E	319678410 319678411 319678412 319678413 319678414 319678415 319678416 319678424	11.7-12.2	44 - 67	150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	Favorable

		319678425 319678426 319678427 319678428 319678429 319678430						
DB403X	E	319678417 319678418 319678419 319678420 319678421 319678422 319678423 319678431 319678432 319678433 319678434 319678435 319678436 319678437	12.2-12.7	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable
DC263	E	319678044 / 114759437	12.7-12.75	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable
DC263X	E	319678409	12.7-12.75	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable
DC279	E	319678045 / 114759438	12.7-12.75	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable
DC279X	E	319678408	12.7-12.75	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable
DC299	E	319678046 / 114759439	12.7-12.75	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable
DC299X	E	319678407	12.7-12.75	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass Pass	Favorable

DC324	E	319678047 / 114759440	12.7-12.75	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DC324X	E	319678406	12.7-12.75	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DC359	E	319678048 / 114759441	12.7-12.75	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DC359X	E	319678405	12.7-12.75	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DC403	E	319678049 / 114759442	12.7-12.75	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DC403X	E	319678404	12.7-12.75	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DD263	E	319678050 / 114759443	12.7-12.75	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DD263X	E	319678403	12.7-12.75	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DD279	E	319678051 / 114759444	12.7-12.75	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DD279X	E	319678402	12.7-12.75	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable

DD299	E	319678052 / 114759445	12.7-12.75	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DD299X	E	319678401	12.7-12.75	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DD324	E	319678053 / 114759446	12.7-12.75	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DD324X	E	319678400	12.7-12.75	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DD359	E	319678054 / 114759447	12.7-12.75	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DD359X	E	319678399	12.7-12.75	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DD403	E	319678055 / 114759448	12.7-12.75	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable
DD403X	E	319678398	12.7-12.75	44 - 67	3, 4, 150, 275, 325, 5500 - 5502	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D TABLE 22-3	Pass Pass Pass Pass	Favorable

Scenario "Uplink user terminals" in 14-14.5 GHz

<i>B1A</i>	<i>B2</i>	<i>BR7a</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>
<i>Beam designation</i>	<i>Emi-Rcp</i>	<i>Group id./ Target Group id.</i>						
UC263	R	319678104 / 114759497 319678105 / 114759498 319678106 / 114759499	14-14.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	23	TABLE 22-2	Pass	Favorable

		319678107 / 114759500 319678108 / 114759501 319678109 / 114759502 319678110 / 114759503						
UC263X	R	319678781 319678782 319678783 319678784 319678785 319678786 319678787	14-14.5	44 - 67	23	TABLE 22-2	Pass	Favorable
UC279	R	319678111 / 114759504 319678112 / 114759505 319678113 / 114759506 319678114 / 114759507 319678115 / 114759508 319678116 / 114759509 319678117 / 114759510	14-14.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	23	TABLE 22-2	Pass	Favorable
UC279X	R	319678774 319678775 319678776 319678777 319678778 319678779 319678780	14-14.5	44 - 67	23	TABLE 22-2	Pass	Favorable
UC299	R	319678118 / 114759511 319678119 / 114759512 319678120 / 114759513 319678121 / 114759514 319678122 / 114759515 319678123 / 114759516 319678124 / 114759517	14-14.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	23	TABLE 22-2	Pass	Favorable
UC299X	R	319678767 319678768 319678769 319678770 319678771 319678772 319678773	14-14.5	44 - 67	23	TABLE 22-2	Pass	Favorable
UC324	R	319678125 / 114759518 319678126 / 114759519 319678127 / 114759520 319678128 / 114759521 319678129 / 114759522 319678130 / 114759523 319678131 / 114759524	14-14.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	23	TABLE 22-2	Pass	Favorable
UC324X	R	319678760 319678761 319678762 319678763 319678764	14-14.5	44 - 67	23	TABLE 22-2	Pass	Favorable

		319678765 319678766						
UC359	R	319678132 / 114759525 319678133 / 114759526 319678134 / 114759527 319678135 / 114759528 319678136 / 114759529 319678137 / 114759530 319678138 / 114759531	14-14.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	23	TABLE 22-2	Pass	Favorable
UC359X	R	319678753 319678754 319678755 319678756 319678757 319678758 319678759	14-14.5	44 - 67	23	TABLE 22-2	Pass	Favorable
UC403	R	319678139 / 114759532 319678140 / 114759533 319678141 / 114759534 319678142 / 114759535 319678143 / 114759536 319678144 / 114759537 319678145 / 114759538	14-14.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	23	TABLE 22-2	Pass	Favorable
UC403X	R	319678746 319678747 319678748 319678749 319678750 319678751 319678752	14-14.5	44 - 67	23	TABLE 22-2	Pass	Favorable

Scenario "Gateway" in 14-14.5 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>
UC263	R	319678104 / 114759497 319678105 / 114759498 319678106 / 114759499 319678107 / 114759500 319678108 / 114759501 319678109 / 114759502 319678110 / 114759503	14-14.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	22	TABLE 22-2	Pass	Favorable
UC263X	R	319678781 319678782 319678783 319678784	14-14.5	44 - 67	22	TABLE 22-2	Pass	Favorable

		319678785 319678786 319678787						
UC279	R	319678111 / 114759504 319678112 / 114759505 319678113 / 114759506 319678114 / 114759507 319678115 / 114759508 319678116 / 114759509 319678117 / 114759510	14-14.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	22	TABLE 22-2	Pass	Favorable
UC279X	R	319678774 319678775 319678776 319678777 319678778 319678779 319678780	14-14.5	44 - 67	22	TABLE 22-2	Pass	Favorable
UC299	R	319678118 / 114759511 319678119 / 114759512 319678120 / 114759513 319678121 / 114759514 319678122 / 114759515 319678123 / 114759516 319678124 / 114759517	14-14.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	22	TABLE 22-2	Pass	Favorable
UC299X	R	319678767 319678768 319678769 319678770 319678771 319678772 319678773	14-14.5	44 - 67	22	TABLE 22-2	Pass	Favorable
UC324	R	319678125 / 114759518 319678126 / 114759519 319678127 / 114759520 319678128 / 114759521 319678129 / 114759522 319678130 / 114759523 319678131 / 114759524	14-14.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	22	TABLE 22-2	Pass	Favorable
UC324X	R	319678760 319678761 319678762 319678763 319678764 319678765 319678766	14-14.5	44 - 67	22	TABLE 22-2	Pass	Favorable
UC359	R	319678132 / 114759525 319678133 / 114759526 319678134 / 114759527 319678135 / 114759528 319678136 / 114759529 319678137 / 114759530 319678138 / 114759531	14-14.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	22	TABLE 22-2	Pass	Favorable

UC359X	R	319678753 319678754 319678755 319678756 319678757 319678758 319678759	14-14.5	44 - 67	22	TABLE 22-2	Pass	Favorable
UC403	R	319678139 / 114759532 319678140 / 114759533 319678141 / 114759534 319678142 / 114759535 319678143 / 114759536 319678144 / 114759537 319678145 / 114759538	14-14.5	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33 - 43	22	TABLE 22-2	Pass	Favorable
UC403X	R	319678746 319678747 319678748 319678749 319678750 319678751 319678752	14-14.5	44 - 67	22	TABLE 22-2	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.