

Description of EPFD validation and results of examination

Downlink examination of frequency ranges 10.7-12.75 GHz, 17.8 – 19.2 GHz and 19.7 – 20.2 GHz.

Inter-satellite examination of frequency ranges 10.7-12.75 GHz, 17.8 – 19.3 GHz.

Uplink examination of frequency ranges 12.75-13.25 GHz and 13.75 GHz-14.5 GHz, 27.5 - 30 GHz

Scenario 1: Frequency assignments in 10.7-12.75 GHz (space-to-Earth), 12.75-13.25 GHz (Earth-to-space) and 13.75-14.5 GHz (Earth-to-space) as published in CR/C/3413, MOD-1, MOD-2, MOD-3

<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>
RAR	R	313671659 / 113671659 313671689 / 113671689 313671690 / 113671690 313671691 / 113671691 313671692 / 113671692	14	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
RAR2	R	313698681 / 113698681 313698711 / 113698711 313698712 / 113698712 313698713 / 113698713 313698714 / 113698714	12	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
RAR2	R	313698832 / 113698832 313698847 / 113698847 313698848 / 113698848 313698849 / 113698849 313698850 / 113698850	14	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
RAR3	R	314696434 / 114696434 314696435 / 114696435 314696436 / 114696436 314696437 / 114696437 314696438 / 114696438	13	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
RAR4	R	314754920 / 114754920 314754921 / 114754921 314754922 / 114754922 314754923 / 114754923	13	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
RBR	R	313671693 / 113671693 313671694 / 113671694 313671695 / 113671695 313671696 / 113671696 313671697 / 113671697	14	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE

<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>
RBR2	R	313698715 / 113698715 313698716 / 113698716 313698717 / 113698717 313698718 / 113698718 313698719 / 113698719	12	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
RBR2	R	313698851 / 113698851 313698852 / 113698852 313698853 / 113698853 313698854 / 113698854 313698855 / 113698855	14	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
RBR21	R	317777471 / 117777471 317777472 / 117777472 317777473 / 117777473 317777474 / 117777474	12	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
RBR21	R	317777544 / 117777544 317777545 / 117777545 317777546 / 117777546 317777547 / 117777547	14	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
RBR3	R	314696439 / 114696439 314696440 / 114696440 314696441 / 114696441 314696442 / 114696442 314696443 / 114696443	13	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
RBR4	R	314754924 / 114754924 314754925 / 114754925 314754926 / 114754926 314754927 / 114754927	13	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
RCR	R	313671698 / 113671698 313671699 / 113671699 313671700 / 113671700 313671701 / 113671701 313671702 / 113671702	14	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
RCR2	R	313698720 / 113698720 313698721 / 113698721 313698722 / 113698722 313698723 / 113698723 313698724 / 113698724	12	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
RCR2	R	313698856 / 113698856 313698857 / 113698857 313698858 / 113698858 313698859 / 113698859 313698860 / 113698860	14	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE

<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>
RCR3	R	314696444 / 114696444 314696445 / 114696445 314696446 / 114696446 314696447 / 114696447 314696448 / 114696448	13	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
RCR4	R	314754928 / 114754928 314754929 / 114754929 314754930 / 114754930 314754931 / 114754931	13	1 - 67	1 - 26	TABLE 22-2	Pass	FAVORABLE
TAR	E	313671658 / 113671658 313671660 / 113671660 313671661 / 113671661 313671662 / 113671662 313671663 / 113671663 313671718 / 113671718 313671719 / 113671719 313671720 / 113671720 313671721 / 113671721 313671722 / 113671722	11	1 - 67	1 - 26	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	FAVORABLE
TAR2	E	313698682 / 113698682 313698683 / 113698683 313698684 / 113698684 313698685 / 113698685 313698830 / 113698830 313698831 / 113698831 313698833 / 113698833 313698834 / 113698834 313698835 / 113698835 313698836 / 113698836 313707194 / 113707194	11	1 - 67	1 - 26	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	FAVORABLE
TAR2	E	313698745 / 113698745 313698746 / 113698746 313698747 / 113698747 313698748 / 113698748 313698749 / 113698749 313698755 / 113698755 313698756 / 113698756 313698757 / 113698757 313698758 / 113698758 313698759 / 113698759 313728663 / 113728663 313728664 / 113728664 313728665 / 113728665 313728666 / 113728666 313728668 / 113728668	12	1 - 67	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass Pass Pass	FAVORABLE

<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>
TAR2	E	313698760 / 113698760 313698761 / 113698761 313698762 / 113698762 313698763 / 113698763 313698764 / 113698764 313728655 / 113728655 313728656 / 113728656 313728657 / 113728657 313728658 / 113728658 313728659 / 113728659 313728660 / 113728660 313728661 / 113728661 313728662 / 113728662 313728667 / 113728667 313728669 / 113728669	11	1 - 67	1 - 26	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	FAVORABLE
TAR2	E	313728700 / 113728700 313728701 / 113728701 313728702 / 113728702 313728703 / 113728703 313728704 / 113728704	12	1 - 67	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A	Pass Pass Pass Pass	FAVORABLE
TAR3	E	314696449 / 114696449 314696450 / 114696450 314696451 / 114696451 314696452 / 114696452 314696453 / 114696453	11	1 - 67	1 - 26	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	FAVORABLE
TAR3	E	314696454 / 114696454 314696455 / 114696455 314696456 / 114696456 314696457 / 114696457 314696458 / 114696458	12	1 - 67	1 - 26	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	FAVORABLE
TAR3	E	314696459 / 114696459 314696460 / 114696460 314696461 / 114696461 314696462 / 114696462 314696463 / 114696463 314696469 / 114696469 314696470 / 114696470 314696471 / 114696471 314696472 / 114696472 314696473 / 114696473 314696479 / 114696479 314696480 / 114696480 314696481 / 114696481 314696482 / 114696482 314696483 / 114696483	12	1 - 67	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass Pass Pass	FAVORABLE

<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>
TAR3	E	314696464 / 114696464 314696465 / 114696465 314696466 / 114696466 314696467 / 114696467 314696468 / 114696468 314696474 / 114696474 314696475 / 114696475 314696476 / 114696476 314696477 / 114696477 314696478 / 114696478	11	1 - 67	1 - 26	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	FAVORABLE
TBR	E	313671664 / 113671664 313671665 / 113671665 313671666 / 113671666 313671667 / 113671667 313671668 / 113671668 313671723 / 113671723 313671724 / 113671724 313671725 / 113671725 313671726 / 113671726 313671727 / 113671727	11	1 - 67	1 - 26	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	FAVORABLE
TBR2	E	313698686 / 113698686 313698687 / 113698687 313698688 / 113698688 313698689 / 113698689 313698690 / 113698690 313698837 / 113698837 313698838 / 113698838 313698839 / 113698839 313698840 / 113698840 313698841 / 113698841	11	1 - 67	1 - 26	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	FAVORABLE
TBR2	E	313698775 / 113698775 313698776 / 113698776 313698777 / 113698777 313698778 / 113698778 313698779 / 113698779 313698785 / 113698785 313698786 / 113698786 313698787 / 113698787 313698788 / 113698788 313698789 / 113698789 313728678 / 113728678 313728679 / 113728679 313728680 / 113728680 313728681 / 113728681 313728683 / 113728683	12	1 - 67	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass Pass Pass	FAVORABLE

<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>
TBR2	E	313698790 / 113698790 313698791 / 113698791 313698792 / 113698792 313698793 / 113698793 313698794 / 113698794 313728670 / 113728670 313728671 / 113728671 313728672 / 113728672 313728673 / 113728673 313728674 / 113728674 313728675 / 113728675 313728676 / 113728676 313728677 / 113728677 313728682 / 113728682 313728684 / 113728684	11	1 - 67	1 - 26	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	FAVORABLE
TBR2	E	313728705 / 113728705 313728706 / 113728706 313728707 / 113728707 313728708 / 113728708 313728709 / 113728709	12	1 - 67	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A	Pass Pass Pass Pass	FAVORABLE
TBR3	E	314696484 / 114696484 314696485 / 114696485 314696486 / 114696486 314696487 / 114696487 314696488 / 114696488	11	1 - 67	1 - 26	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	FAVORABLE
TBR3	E	314696489 / 114696489 314696490 / 114696490 314696491 / 114696491 314696492 / 114696492 314696493 / 114696493	12	1 - 67	1 - 26	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	FAVORABLE
TBR3	E	314696494 / 114696494 314696495 / 114696495 314696496 / 114696496 314696497 / 114696497 314696498 / 114696498 314696504 / 114696504 314696505 / 114696505 314696506 / 114696506 314696507 / 114696507 314696508 / 114696508 314696514 / 114696514 314696515 / 114696515 314696516 / 114696516 314696517 / 114696517 314696518 / 114696518	12	1 - 67	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass Pass Pass	FAVORABLE

<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>
TBR3	E	314696499 / 114696499 314696500 / 114696500 314696501 / 114696501 314696502 / 114696502 314696503 / 114696503 314696509 / 114696509 314696510 / 114696510 314696511 / 114696511 314696512 / 114696512 314696513 / 114696513	11	1 - 67	1 - 26	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	FAVORABLE
TCR	E	313671669 / 113671669 313671670 / 113671670 313671671 / 113671671 313671672 / 113671672 313671673 / 113671673 313671728 / 113671728 313671729 / 113671729 313671730 / 113671730 313671731 / 113671731 313671732 / 113671732	11	1 - 67	1 - 26	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	FAVORABLE
TCR2	E	313698691 / 113698691 313698692 / 113698692 313698693 / 113698693 313698694 / 113698694 313698695 / 113698695 313698842 / 113698842 313698843 / 113698843 313698844 / 113698844 313698845 / 113698845 313698846 / 113698846	11	1 - 67	1 - 26	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	FAVORABLE
TCR2	E	313698805 / 113698805 313698806 / 113698806 313698807 / 113698807 313698808 / 113698808 313698809 / 113698809 313698815 / 113698815 313698816 / 113698816 313698817 / 113698817 313698818 / 113698818 313698819 / 113698819 313728693 / 113728693 313728694 / 113728694 313728695 / 113728695 313728696 / 113728696 313728698 / 113728698	12	1 - 67	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass Pass Pass	FAVORABLE

<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>
TCR2	E	313698820 / 113698820 313698821 / 113698821 313698822 / 113698822 313698823 / 113698823 313698824 / 113698824 313728685 / 113728685 313728686 / 113728686 313728687 / 113728687 313728688 / 113728688 313728689 / 113728689 313728690 / 113728690 313728691 / 113728691 313728692 / 113728692 313728697 / 113728697 313728699 / 113728699	11	1 - 67	1 - 26	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	FAVORABLE
TCR2	E	313728710 / 113728710 313728711 / 113728711 313728712 / 113728712 313728713 / 113728713 313728714 / 113728714	12	1 - 67	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A	Pass Pass Pass Pass	FAVORABLE
TCR3	E	314696519 / 114696519 314696520 / 114696520 314696521 / 114696521 314696522 / 114696522 314696523 / 114696523	11	1 - 67	1 - 26	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	FAVORABLE
TCR3	E	314696524 / 114696524 314696525 / 114696525 314696526 / 114696526 314696527 / 114696527 314696528 / 114696528	12	1 - 67	1 - 26	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	FAVORABLE
TCR3	E	314696529 / 114696529 314696530 / 114696530 314696531 / 114696531 314696532 / 114696532 314696533 / 114696533 314696539 / 114696539 314696540 / 114696540 314696541 / 114696541 314696542 / 114696542 314696543 / 114696543 314696549 / 114696549 314696550 / 114696550 314696551 / 114696551 314696552 / 114696552 314696553 / 114696553	12	1 - 67	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass Pass Pass	FAVORABLE

<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>
TCR3	E	314696534 / 114696534 314696535 / 114696535 314696536 / 114696536 314696537 / 114696537 314696538 / 114696538 314696544 / 114696544 314696545 / 114696545 314696546 / 114696546 314696547 / 114696547 314696548 / 114696548	11	1 - 67	1 - 26	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	FAVORABLE

Scenario 2: Frequency assignments in 10.7-12.75 GHz (space-to-Earth), 12.75-13.25 GHz (Earth-to-space) and 13.75-14.5 GHz (Earth-to-space) as published in CR/C/3413, MOD-3 with modifications published in MOD-8 which are modifying frequency assignments published in MOD-1, MOD-2

<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>
RAR21	R	317777453 317777468 317777469 317777470	12	1 - 18, 50 - 103	1 - 26	TABLE 22-2	Pass	FAVORABLE
RAR21	R	317777526 317777541 317777542 317777543	14	1 - 18, 50 - 103	1 - 26	TABLE 22-2	Pass	FAVORABLE
RBR21	R	317777471 317777472 317777473 317777474	12	1 - 18, 50 - 103	1 - 26	TABLE 22-2	Pass	FAVORABLE
RBR21	R	317777544 317777545 317777546 317777547	14	1 - 18, 50 - 103	1 - 26	TABLE 22-2	Pass	FAVORABLE
RCR21	R	317777475 317777476 317777477 317777478	12	1 - 18, 50 - 103	1 - 26	TABLE 22-2	Pass	FAVORABLE
RCR21	R	317777548 317777549 317777550 317777551	14	1 - 18, 50 - 103	1 - 26	TABLE 22-2	Pass	FAVORABLE

TAR21	E	31777454 31777455 31777456 31777457 31777524 31777525 31777527 31777528 31777529 31777530 31777552	11	1 - 18, 50 - 103	1 - 26	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	FAVORABLE
TAR21	E	31777479 31777480 31777481 31777482 31777483 31777484 31777485 31777486 31777487 31777488 31777561 31777562 31777563 31777564 31777566	12	1 - 18, 50 - 103	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass Pass Pass	FAVORABLE
TAR21	E	31777489 31777490 31777491 31777492 31777493 31777553 31777554 31777555 31777556 31777557 31777558 31777559 31777560 31777565 31777567	11	1 - 18, 50 - 103	1 - 26	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	FAVORABLE
TAR21	E	31777598 31777599 31777600 31777601 31777602	12	1 - 18, 50 - 103	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A	Pass Pass Pass Pass	FAVORABLE
TBR21	E	31777458 31777459 31777460 31777461	11	1 - 18, 50 - 103	1 - 26	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	FAVORABLE

		31777462 31777531 31777532 31777533 31777534 31777535						
TBR21	E	31777494 31777495 31777496 31777497 31777498 31777499 31777500 31777501 31777502 31777503 31777576 31777577 31777578 31777579 31777581	12	1 - 18, 50 - 103	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass Pass	FAVORABLE
TBR21	E	31777504 31777505 31777506 31777507 31777508 31777568 31777569 31777570 31777571 31777572 31777573 31777574 31777575 31777580 31777582	11	1 - 18, 50 - 103	1 - 26	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	FAVORABLE
TBR21	E	31777603 31777604 31777605 31777606 31777607	12	1 - 18, 50 - 103	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A	Pass Pass Pass Pass	FAVORABLE
TCR21	E	31777463 31777464 31777465 31777466 31777467 31777536 31777537 31777538	11	1 - 18, 50 - 103	1 - 26	RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass	FAVORABLE

		31777539 31777540						
TCR21	E	31777509 31777510 31777511 31777512 31777513 31777514 31777515 31777516 31777517 31777518 31777591 31777592 31777593 31777594 31777596	12	1 - 18, 50 - 103	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A TABLE 22-3	Pass Pass Pass Pass Pass	FAVORABLE
TCR21	E	31777519 31777520 31777521 31777522 31777523 31777583 31777584 31777585 31777586 31777587 31777588 31777589 31777590 31777595 31777597	11	1 - 18, 50 - 103	1 - 26	RR 22.5C4 RR 22.5C8 TABLE 22-1A TABLE 22-1D	Pass Pass Pass Pass	FAVORABLE
TCR21	E	31777608 31777609 31777610 31777611 31777612	12	1 - 18, 50 - 103	1 - 26	RR 22.5C8 TABLE 22-1D RR 22.5C4 TABLE 22-1A	Pass Pass Pass Pass	FAVORABLE

Scenario 3 'Service Feeder-links' in 17.8-19.3 GHz and 27.5-30 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>						
GRA	R	315631877 / 115631877 315631878 / 115631878 315631879 / 115631879 315631880 / 115631880 315631881 / 115631881	28	50 - 67	1 - 3	TABLE 22-2	Pass	FAVORABLE

<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>						
GRB	R	315631882 / 115631882 315631883 / 115631883 315631884 / 115631884 315631885 / 115631885 315631886 / 115631886	28	50 - 67	1 - 3	TABLE 22-2	Pass	FAVORABLE
GRC	R	315631887 / 115631887 315631888 / 115631888 315631889 / 115631889 315631890 / 115631890 315631891 / 115631891	28	50 - 67	1 - 3	TABLE 22-2	Pass	FAVORABLE
GRD	R	315631892 / 115631892 315631893 / 115631893 315631894 / 115631894 315631895 / 115631895 315631896 / 115631896	28	50 - 67	1 - 3	TABLE 22-2	Pass	FAVORABLE
GTA	E	315633525 / 115633525 315633527 / 115633527 315633529 / 115633529 315633531 / 115633531 315633533 / 115633533	19	50 - 67	1 - 3	TABLE 22-3 TABLE 22-1B TABLE 22-1C	Pass Pass N/A	FAVORABLE
GTB	E	315633535 / 115633535 315633537 / 115633537 315633539 / 115633539 315633541 / 115633541 315633543 / 115633543	19	50 - 67	1 - 3	TABLE 22-3 TABLE 22-1B TABLE 22-1C	Pass Pass N/A	FAVORABLE
GTC	E	315633545 / 115633545 315633547 / 115633547 315633549 / 115633549 315633551 / 115633551 315633553 / 115633553	19	50 - 67	1 - 3	TABLE 22-3 TABLE 22-1B TABLE 22-1C	Pass Pass N/A	FAVORABLE
GTD	E	315633555 / 115633555 315633557 / 115633557 315633559 / 115633559 315633561 / 115633561 315633563 / 115633563	19	50 - 67	1 - 3	TABLE 22-3 TABLE 22-1B TABLE 22-1C	Pass Pass N/A	FAVORABLE

Scenario 4: 'TT&C' in 19.7-20.2 GHz and 27.5-30 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>
GRA	R	315631877 / 115631877 315631878 / 115631878 315631879 / 115631879 315631880 / 115631880 315631881 / 115631881	28	50 - 67	2 - 3, 11	TABLE 22-2	Pass	FAVORABLE
GRB	R	315631882 / 115631882 315631883 / 115631883 315631884 / 115631884 315631885 / 115631885 315631886 / 115631886	28	50 - 67	2 - 3, 11	TABLE 22-2	Pass	FAVORABLE
GRC	R	315631887 / 115631887 315631888 / 115631888 315631889 / 115631889 315631890 / 115631890 315631891 / 115631891	28	50 - 67	2 - 3, 11	TABLE 22-2	Pass	FAVORABLE
GRD	R	315631892 / 115631892 315631893 / 115631893 315631894 / 115631894 315631895 / 115631895 315631896 / 115631896	28	50 - 67	2 - 3, 11	TABLE 22-2	Pass	FAVORABLE
GTA	E	315633525 / 115633525 315633527 / 115633527 315633529 / 115633529 315633531 / 115633531 315633533 / 115633533	19	50 - 67	2 - 3, 11	TABLE 22-3 TABLE 22-1B TABLE 22-1C	N/A N/A Pass	FAVORABLE
GTB	E	315633535 / 115633535 315633537 / 115633537 315633539 / 115633539 315633541 / 115633541 315633543 / 115633543	19	50 - 67	2 - 3, 11	TABLE 22-3 TABLE 22-1B TABLE 22-1C	N/A N/A Pass	FAVORABLE
GTC	E	315633545 / 115633545 315633547 / 115633547 315633549 / 115633549 315633551 / 115633551 315633553 / 115633553	19	50 - 67	2 - 3, 11	TABLE 22-3 TABLE 22-1B TABLE 22-1C	N/A N/A Pass	FAVORABLE
GTD	E	315633555 / 115633555 315633557 / 115633557 315633559 / 115633559 315633561 / 115633561 315633563 / 115633563	19	50 - 67	2 - 3, 11	TABLE 22-3 TABLE 22-1B TABLE 22-1C	N/A N/A Pass	FAVORABLE

Notes:

- Findings are promulgated as favorable when all applicable limits in Article 22 are met for given group of frequency assignments in all applicable scenarios.

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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.