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HARD LIMITS for USAKU-L2 (099520416) EXAMINATION BY : karina DATE: 07/02/04

USA

USAKU-L2

Non-GSO

12.09.99

C 099.520416

No. 5.502, frequency band 13.75 - 14 GHz:

- Antenna diameter < 4.5 m for transmitting earth stations TYPICAL H 90CM and TYPICAL H 45CM (in beam U1R/R)
- EIRP < 68 dBW for all assignments to transmitting earth stations TYPICAL H 90CM and TYPICAL H 45CM (in beam U1R/R) with minimum total power ≤ 14.5 dBW; and TYPICAL H 6M (in beam U1R/R) and TYPICAL H 5M (in beams K1R/R and K2R/R) with minimum total power ≤ 1.6 dBW.

No. 5.503, frequency band 13.772 - 13.778 GHz:

- EIRP density > 71 dBW in 6 MHz, for all assignments to transmitting earth stations TYPICAL H 90CM and TYPICAL H 45CM (in beam U1R/R) with maximum power density ≥ -21.7 dBW/Hz and maximum peak power ≥ 36.1 dBW; and TYPICAL H 6M (in beam U1R/R) and TYPICAL H 5M (in beams K1R/R and K2R/R) with maximum power density ≥ -38.2 dBW/Hz and maximum peak power ≥ 19.6 dBW

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