

<b>HARD LIMITS for USAKU-H2 (099520415)</b>			
USA	USAKU-H2	Non-GSO	099520415
		EXAMINATION BY : karina	DATE: 08/02/04
			C 099.520415

No. 5.502, frequency band 13.75 - 14 GHz:

- Antenna diameter < 4.5 m for transmitting earth station TYPICAL K5 (in beam K1R/R).
- EIRP < 68 dBW for all assignments to transmitting earth stations TYPICAL K5 and TYPICAL K6 (in beams K1R/R, K2R/R, K3R/R and K4R/R) with minimum total power  $\leq 7.2$  dBW.

PFD limits of No. 21.16:

Assignments in beam(s) in the frequency band (GHz)	K4R	
	10.7 – 11.7	11.7 – 12.7
with maximum power density (dBW/Hz)	-31.8	-31.8
and total peak power (dBW)	14.7	14.7
maximum excess over PFD limits of No. 21.16 are (dB)	$\geq 4.2$	$\geq 2.2$

□