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FEDERAL COMMUNICATIONS COMMISSION
INTERNATIONAL BUREAU



Satellite and Radiocommunication Division
Satellite Policy Branch

To: William S. Caton, Acting Secretary

Date: March 4, 1996

From: Karl A. Kensinger *KK*

Re: CC Docket No. 92-297

For the information of the parties, please include the attached documents in the referenced file. The documents set forth the two options currently under consideration by the staff for segmentation of the 27.5-30.0 GHz band.

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OPTION 4' (4 prime)

UPLINK BAND (27.5 - 30.0 GHz)

LMDS (h-to-s) (s-to-h) fss	GSO/FSS ngso/fss	WRC-97	NGSO/FSS gso/fss	MSS F.L. TRW Motorola	MSS F.L. TRW LMDS (h-to-s) (s-to-h) GSO/FSS (gateways)	MSS F.L. GSO/FSS	GSO/FSS ngso/fss	
850 MHz	250 MHz	100 MHz	400 MHz	140 MHz	135 MHz	125 MHz	500 MHz	
27.5	28.35	28.60	28.70	29.10	29.24	29.375	29.50	30.00

At 29.24 - 29.375 GHz LMDS and MSS feeder link sharing using TI's proposed rules.

Motorola and TRW sharing rules same as Options 2 and 3.

TRW and GSO/FSS sharing rules same as Options 2 - 4.

Use of 29.24 - 29.375 GHz band by GSO/FSS is limited to gateways.

Gateways are earth stations limited in number, generally larger and easier to coordinate than user terminals.

Technical parameters and Coordination procedures need to be developed for sharing between LMDS and GSO/FSS gateways.

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OPTION 5

UPLINK BAND (27.5 - 30.0 GHz)

LMDS (h-to-s) (s-to-h) fss 700 MHz	GSO/FSS ngso/fss 250 MHz	LMDS (h-to-s) (s-to-h) fss 150 MHz	WRC-97 100 MHz	NGSO/FSS gso/fss 400 MHz	MSS F.L. LMDS (h-to-s) 150 MHz	MSS F.L. GSO/FSS 250 MHz	GSO/FSS 500 MHz	27.5	28.20	28.45	28.60	28.70	29.10	29.25	29.50	30.00
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Sharing between MSS feeder links and LMDS at 29.1 - 29.25 GHz using 3rd NPRM proposed rules.

TRW/GSO FSS sharing rules same as options 2 - 4.