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Tempe, Arizona 85281 USA  
480-315-1661

August 22, 2007

Joe Dichoso  
Office of Engineering and Technology  
Federal Communications Commission

Re: FCC ID: BMTHSD-5000, Form 731 Filing  
Confirmation #: EA246131

Dear Sir:

We formally request type acceptance for the HSD-5000 S-Band transmitter under FCC Rule Parts 21, 74 and 27. We further request certification for analog operation and digital operation under all three rule parts. The OET electronic filing site does not accommodate more than one modulation, power, or frequency ranges which are applicable under multiple rule parts for bands that are in transition. This transmitter may be utilized for analog video, digital video, or data transmission in systems using both pre and post transition band plans. As such, customers desire the flexibility to adjust their systems during the transition process and desire a product with the design flexibility to do so. Said customers contemplate using the transmitter for operation in ITFS and MMDS systems under Rule Parts 21 and 74, and also for EBS and BRS operations under Part 27 in the MBS, LBS, and UBS.

We request that the grant include the following specifications.

Rule Part	Frequency Range	Frequency Tolerance	Emission Designator	Output Power
21, 74	2500-2686 MHz	1000 Hz	5M75C3F	200 Watts (Peak Visual))
21, 74	2500-2686 MHz	1000 Hz	6M00D7W	50 Watts (Average)
27	2496-2690 MHz	1000 Hz	5M75C3F	200 Watts (Peak Visual)
27	2496-2690 MHz	1000 Hz	6M00D7W	50 Watts (Average)

The test report filed under this application will demonstrate that the HSD-5000 complies will all relevant rules for operation under both Part 74 and Part 27.

Thank you in advance for your understanding and cooperation.

Please contact me if you need additional information or clarification of items in our filing.

Sincerely,

James A. Yard, CEO