

June 9, 2000

Federal Communications Commission  
Equipment Approval Services  
P.O. Box 358315  
Pittsburgh, PA 15251-5315

Gentlemen:

The enclosed form and engineering report are submitted for certification of Thomcast's model SDA1250C, 12-watt frequency agile digital transmitter system for television transmission under parts 2, 21, and 74 of the FCC rules.

Enclosed are an engineering report with required test results and a technical manual with circuit diagrams/theory of operation.

If further information is required, please contact me at (570) 474-6751.

Sincerely,



Paulo Correa  
Director of Engineering  
Thomcast Communications, Comwave Division

PC/kas

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P.O. Box 358315  
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## CONFIDENTIALITY REQUEST

RE: FCC I.D. CHP8BUSDA1250C

Gentlemen:

As indicated in Section 3 of FCC Form 731, we desire to file a request for confidentiality relevant to the following schematic pages:

**Table 1: Driver confidential schematics.**

| <i>Drawing Number</i> | <i>Description</i>         |
|-----------------------|----------------------------|
| 47266015              | Broad Band RF Precorrector |
| 47266017              | Broad Band RF Precorrector |
| 47266058              | Microcontroller Board      |
| 33-435-01             | IF Linear Processor        |

**Table 2: Power Amplifier Segment confidential schematics.**

| <i>Drawing Number</i> | <i>Description</i>                    |
|-----------------------|---------------------------------------|
| 32-002-01             | DC-DC converter PCB for the PS module |
| 34-010-01             | Microcontroller PCB for the PS module |

The schematic pages are attached to this report for submission to the FCC for review with our Application for Equipment Authorization as per FCC CRF Section 0.459.

This request is being made due to the competitive nature of the ITFS/MMDS industry and the new level of technology used in the microcontroller interface, RF precorrector, IF linear processor, & power amplifier segment of our model SDA1250C.

Our technical manual provides our customer with a substantial amount of information. Therefore, we feel it would be in the best interest of Thomcast that the aforementioned schematics, which are not included in the technical manual, be kept confidential. Your consideration of this request would be greatly appreciated.

If you have any questions regarding this request, please do not hesitate to contact me.

Respectfully,



Paulo Correa  
Director of Engineering  
Thomcast Communications, Comwave Division

PC/kas