

To: Gil Estrella @ GD-Decision Systems
Subject: TCB Application FCC ID: MIJAD510
Gil:

Review of the application is now complete, and a few issues remain to be addressed:

ADMINISTRATIVE

- (1) A parts list is needed (can be held confidential).
- (2) A tune-up procedure is needed (can be held confidential)
- (3) A schematic is needed, which shows values for passive components (will be held confidential). The exhibit listed as a schematic is really a block diagram.
- (4) DC voltage and current into the final RF stage - cannot find, please indicate.
- (5) You have requested that the internal photos be held confidential. This requires additional justification, such as on the basis of professional installation - that is, the consumer does not have access to the enclosure (see FCC policy attached).
- (6) The exhibit named block diagram is really an external connection diagram; a block diagram is not needed, and this exhibit will not be used.

TECHNICAL

- (1) Neither the Test Report nor Report Addendum appear to show enough detail in the range 1559 - 1610 MHz to demonstrate compliance with 25.200(a):
 - (a) 1559 - 1605 MHz, eirp density < -70 dBW/MHz averaged over 20 ms, (RBW = 1 MHz for wideband signals)
 - (b) 1559 - 1605 MHz, eirp < - 80 dBW over 700 Hz for narrowband signals, averaged over 20 ms.

There are only 3 prior Part 25 AMP filings in the FCC database. In all cases, demonstration of conformity to the 1600 MHz band limits was done in conjunction with the intended companion satellite phone. As a result, the Grants limit the use of the antenna to the specific phone. If you already have (or can get) sufficient data to demonstrate compliance without using the Iridium phone, the resulting Grant will not have this restriction. On the other hand, if it expedites completion by using the Iridium phone, it is acceptable to do so but the Grant will then restrict use of the antenna to the phone used for testing.

Regards,
Roland Gubisch
ITS