

To: "tjohnson@americanTCB.com" <tjohnson@americanTCB.com>
Subject: Applications for Hi-G-Tek

FCC ID: OB6-IGRS40916

In reply to e-mail dated August 11, 2002

Dear Mr. Johnson,

Below are the answers to your questions.

1. Please find the updated block-diagram in DataSeal description with LF transmitter block-diagram.doc, submitted via "Add to existing application", Block-diagram folder on August 20, 2002.
2. Please find the new photograph of the PCB PS in Digital PCB.doc, submitted via "Add to existing application", Internal photos folder on August 20, 2002.
3. Please find the new photographs of the antenna board in Antenna board.doc, submitted via "Add to existing application", Internal photos folder on August 20, 2002.

FCC ID: OB6-IGRS46D916

In reply to e-mail dated August 9, 2002

Dear Mr. Johnson,

Below are the answers to your questions. (Hi-G Tek' answers are given in *Italic*)

- 1 a), 1 b). Please find additional photographs in DataReader assembly.doc, submitted via "Add to existing application", Internal photos folder on August 20, 2002.
2. Please find the new copy of the label in DataReader label.pdf, submitted via "Add to existing application", Label location folder on August 20, 2002.
- 3 - 4 - 5 - 8 - 9 - 11. *The product literature includes various options of the DataReader. (Indoor/ Outdoor, RS485/RS232, Various supplies, various radio frequencies).*
- Each product has a **unique** p/n, which reflects the optional assembly of the product. The product that was tested is RS485 24V,outdoor, 916.5MHz (p/n IG-RS-46D-916). We understand that this application is valid for **this product only**. We will apply the other versions for certification later on. In the circuit description, we mentioned only the parts that is included in the tested product number.
6. All radiated tests were performed with the EUT at maximum power. Refer to the headers of tables in paragraphs 4.2 and 4.3, which contain the level.
7. RBW = VBW = 1 MHz setting were used for harmonics measurements. Please refer to the updated test report (paragraph 4.2), submitted via "Add to existing application", Test report folder on August 20, 2002.
10. Conducted emissions measurements at AC power port with EUT in Tx mode (paragraph 15.207) were performed. Please refer to the updated test report (paragraph 4.5).

With great respect,
Natasha