HERMON LABORATORIES

February 23, 2004

American TCB
6731 Whittier Ave
Suite C110
McLean, VA 22101
Attn: Mr. D. Ward, Examining Engineer

RE: your e-mail dated February 20, 2004; Hi-G-Tek Ltd.
FCC ID:OB6-IGRS46D9916, ATCB001131

Dear Mr. Ward,
Please find below the answers to your questions.

1) The corrected user manual User_Guide_15758_rev1 (please refer to page 240, §10.3) was uploaded on February 23, 2004 via User Manual folder. We apologize for this mistake.

2) The corrected test report without reference to ANSI, HIGRAD_FCC.15758_rev1 was uploaded on February 23, 2004.
There is no restrictions neither for sweep time nor for sweep width in FCC rules relate to the tested equipment. All the measurements were performed in auto coupling mode as manufacturer (HP/Agilent) recommended and providing there is no other guidelines in FCC. The emission of transmitter was continuous, 40 kHz FSK modulated with 15625 bytes/second, and spectrum analyzer bandwidth was wider than 120 kHz, there was no way problem with auto coupled measurements might rise in this case.
Regarding the test procedure for occupied bandwidth measurements, please advise which will be a relevant one as there is no reference to anyone at all in FCC part 90, neither to ANSI C63.4 nor to TIA/EIA-603-A.

3) Conducted emissions testing was performed as per FCC Part 15, 15.107. The corrected test report HIGRAD_FCC.15758_rev1 was uploaded on February 23, 2004. Sorry for printing mistake.

4) The emission meant in your comments (-67 dBm, Plot A7 of HIGRAD_FCC.15758 test report) is zoom of spurious (not carrier) emission provided in Plot A6 of the mentioned report. For output power please refer to Plot A1.

Thank you for your patience and help.

Sincerely,

Marina Cherniavsky,
certification engineer
Hermon Laboratories