

Responses from NTS:

Question #1

Block Diagram: Please find a revised Block Diagram attached.

Question #9

The ports that were not filled were either configuration or maintenance ports. In normal operation this device is mounted outdoors with only an Ethernet cable attached.

Question #11

The RF output power is not reduced within the radio itself. The antennas are supplied with specific part numbers and are sold specifically with this transceiver. All antennas with gain higher than 6 dBi have a cable that is permanently attached to the antenna. The rf power output that was measured and reported in the test report is measured at the input to the antenna itself (at the output of the permanently attached cable). For test purposes a connector was installed on the length of cable.

Question #12

Please find Appendices A, B, and D attached

Question#13

Please find a revised section of the user manual

Question #14

Please find a revised section of the user manual

Question #15

Please find Appendices A, B, and D attached

Question #16

Please replace the existing Operational Description with the file "FH-whitepaper_1_for TT.DOC".

Question #17

The user cannot select operating frequencies. The device is a frequency hopping system and the frequency hop table and sequence is determined by the firmware loaded in the system at the factory.

Question #18

Please find a corrected label exhibit

Question #19

Please note that the device was set in normal operating mode (TX and RX) during Conducted Emissions testing. The data on pages 12 – 15 represent both TX and RX modes.

Question #20

The model number should be 195Es.

Question #21

The listing should be done under Electronic Systems Technology, Inc. The label has been revised to include Electronic Systems, Inc.

Question #22

Please find a revised test report to address this issue.

Responses to email 5/24/07

1) Appendix A cites FCC "type acceptance" number. Please note this should be Certification, not type acceptance.

[Please find a revised Appendix A](#)

2) Users manual does not appear to contain RF exposure information (20 cm spacing requirements and non-colocation requirement). Please update.

[RF Exposure information is included in Appendix A and in APPENDIX B](#)

3) Users manual does not appear to contain information required by RSS-GEN section 7.1.4 and 7.1.5.

[See revised Appendix A](#)

4) Responses regarding previous comments 16 – 22 do not appear to be provided.

[See responses above](#)