

Hello Tim,

Please find below our replies to your comments.

- 1) Please find attached the new set of internal photographs.
- 2) The transceiver completely demodulates the received messages as explained in the attached Repeater Operation description and shown in the attached block diagram. Upon this there is no change in the transmitted RF signal associated with transceiver mode of operation.
- 3) The same as 2).
- 4) The same as 2).
- 5) The same as 2).
- 6) The same as 2).
- 7) The same as 2).
- 8) Please refer to the attached document .
- 9) RF exposure was not evaluated as the RF output power does not exceed 1.5W as provided in section 2.1091(c) of the FCC rules.
- 10) Please refer to the last page of the attached user manual.
- 11) The reference level shown in plots 7.3.1-7.3.3 and 7.5.1-7.5.6 was adjusted to the total power of the transmitter in both cases. The difference in the reference level settings was caused by slightly different set ups (external attenuator, RF cable, spectrum analyzer) and as both of the measurements are relative no corrections were applied.
- 12) Radiated spurious emissions were tested with RF antenna connector terminated with 50 Ohm dummy load.
- 13) The device use FSK modulation with the maximum frequency deviation +/- 3 kHz and the highest modulating frequency +/- 2.4 kHz. Upon this the necessary emission bandwidth is  $2*(3.0+2.4)=10.8$  kHz and the correct emission designator is 10K8F1D.

Best regards.

Michael Nikishin.