September 21, 2000

FROM: Greg Snyder
TO: Bill Graff

Bill,

Following are the responses to the questions raised concerning the application for the Ness Security System; FCC ID: O2K-RADD304.

1.) Please provide clearer schematics. I am working way too hard to read them.

R. A new set of schematics is provided. (See attached files)

2.) Please provide evidence of Part 68 application.

R. A copy of certification for the Part 68 compliance.

3.) Please provide evidence of Declaration of Conformity for the receiver section of this transceiver. The test report quotes a 303.825 MHz SAW oscillator. I am unable to determine from the schematic where this oscillator is used. If this is used in the receiver section, zero IF receivers can exhibit all the characteristics of Superregenerative receivers.

R. A copy of the DOC has been uploaded.

4.) Please describe the operation that forces the alternative limits of 15.231(3)(e). Please describe the means of automatically limiting operation to the timing provisions of this same section.

R. The Radio Dialler sends an acknowledgement signal, which is less than 1 second in duration, to the SGIII after receiving the hourly supervision message from the SGIII.

5.) The carrier bandwidth plot uses a video bandwidth smaller than the resolution bandwidth. This may affect the 20dB bandwidth measurement of 15.231(c). Please resubmit.

R. The bandwidth measurement has been re-measured using a RBW of 100kHz and a VBW of 300kHz. The 20dB bandwidth is measured at 328kHz and a new bandwidth plot has been uploaded.

6.) There are several other transmitters described in the manual: key fobs, infrared detectors, reed switches, etc. Please be certain this application will only apply to the main unit.

R. The other units listed in the manual that contain intentional radiators have or will obtain a separate equipment certification. Key fob: FCC ID: O2K-MK304; SGIII: FCC ID: O2K-SG3-304.

Please let me know if further clarification for any of the above questions is needed.

Thanks
Greg