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September 22, 2005

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

RE: your e-mail dated September 20, 2005; Visonic Ltd.
FCC ID:GSAMKP150, ATCB002778

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

1. The trasmitter is a module called RFT3A. The part list (Bill Of Material), file “Parts_list_16289” was uploaded on September 22, 2005 via Part list folder and the electrical drawing “Schematics_RFmodule_16289” was uploaded earlier. **Please** classify the parts list as **confidential** file. The “Confidentiality_letter_16289_rev1” was uploaded on September 22, 2005 via Additional Information folder.

2. The label was corrected, “Label_location_16289_rev1” was uploaded.

3. There is not enough space on the label to add the warning statement, so it appears in the manual.

4. For many years we have been submitting similar products with transmitters for FCC approval. This keypad is transmitting in a similar manner to other transmitters which are approved by FCC, for example MCT 302, (FCC ID:GSAMCT302) or NEXT MCW (FCC ID:GSANEXTMCW). All the keys transmit the same length and duration of digital code, in accordance with Visonic’s proprietary code which we call "power code". Since the receiver of this message is the same burglar alarm control panel, type "Powermax+", FCC ID:GSAPWRMAXPLUS , obviously we shall not use a different pulse train nature or length of transmission for each key which will not be "understood" by the control panel. The code of each key is obviously different, but not the length/number of pulses.

5. When a number is keyed, the full number is transmitted, NOT each key stroke.

6. The manual is NOT intended only for USA/FCC users. That is also the reason that other than 315 MHz frequencies are mentioned, and the programmer(s) have a wide choice of optional features such as 1 hour or 15 minutes. However, each of the products with a different frequency has a different catalogue number.

The 315 MHz FCC catalogue number is 0-2462-1, this version transmits at 315 MHz and is preprogrammed for 1 hour and does not allow changing this feature.

7. The recorded voice is used to announce various messages to the user, it is not transmitted. The transmitter RFT3A is a digital transmitter of the keyed messages and supervision only. It is not capable of being audio modulated.

Arick Elshtein
International standards manager
Visonic Ltd.

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8. The pulse train duration longs 132.6 ms. To calculate the worst case transmission duration the last 132.6 ms - 100.0 ms = 32.6 ms of the "message"
were excluded from calculation. Upon this the total transmission ON time consists of:

1) start bits duration multiplied by duty cycle: 37.44 ms x (2.072 ms/2.472 ms) = 31.38 ms;

2) preamble duration multiplied by duty cycle: 15.6 ms x (0.702 ms/1.082 ms)=10.12 ms;

3) message duration, reduced by the duration of the total transmission exceeds 100 ms, multiplied by duty cycle: (76.64 ms-32.6 ms) x (0.702 ms/1.062 ms)=29.11 ms.

The average factor is AF=20 log {(31.38 ms+10.12 ms+29.11 ms)/100 ms}= -3.02 dB.

The test report was corrected, “VISRAD_FCC.16289_rev1” was uploaded on September 22, 2005.

Thank you.

Marina Cherniavsky,

certification engineer
Hermon Laboratories