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From: Dave Galosky
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Re: FCC ID: XBK-103P

Applicant: Pro4Tech Ltd.

Correspondence Reference Number: 87891

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First, the FCC would like to know whether the pen is a transmitter! You refer to it as a transceiver. Therefore, does it transmit and what does it transmit through the airwaves? Second, could you please upload the timing diagram of 100 msec. Part 15.231 has a radiated limit. The FCC would like to see the digital pulse that is transmitted from the remote to the pen. Third, did you test the remote? The FCC is assuming that the pen receives a transmission from the remote. What does the pen transmit? Does it transmit back to the remote? Please answer these questions in 7 days or the FCC will be forced to dismiss this application!!!

Response to FCC

I. The Pen and RC (Remote control) use exactly the same RF Transceiver module (TI CC1111Fx), Sub-1 GHz RF Transceiver, operated in 868 MHz band.
RC transmits to the Pen (and only to the Pen), and the Pen transmit back to RC (and only to the paired RC).
RC and Pen bi-directionally communicate each other simple propriety control messages (Start/Stop Video, Start/Stop Audio, etc..).

The Pen transmits back:

- 1) Success/Failure indication (for Start/Stop request from RC)
- 2) Progress indication every 12 minutes (720 seconds) - for Audio/Video record.

The diagram of this supervision transmission is identical to Plot 7.1.5 (page 11) of test report PRORAD_FCC.19509_pen – response to remote control button video "On".

This supervision transmission duration is 135 ms, first transmitted after 12 minutes after pressing "On", and after that transmitted every 12 min till end of recording.

Meaning the total duration per hour is: $4 \times 135 \text{ ms} = 540 \text{ ms}$.

II. The timing diagrams are shown in pages 33-35 of PRORAD_FCC.19509_pen test report. Each pulse duration is 135 ms.

III. For remote control please refer to FCC ID:XBK-103R.