

June 4, 2007.

Attn: Reviewing Engineer
Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

DUTY CYCLE STATEMENT

Ascom a71 and p71 Alarm Transceivers, model CHAT-XXXXX

FCC Registration Number (FRN): 0013904214
FCC ID: BXZCHAT
FCC Part 90 Certification

Madam/Gentlemen,

Ascom Sweden AB hereby declares that:

Each transmission is 400ms long maximum.

Transmission is send from the unit:

- During message transference: occurs approximately ones each minute maximum.
- During supervision: one transmission each 10 minute.
- On alarm, estimated one alarm/day.

Duty cycle calculation:

$$=0.4/60+0.4/600+0.4/(24*60*60)= 0.73\%$$

Signature
Name
Title
Company


Tania Ottebrink
Regulatory Manager
Ascom Sweden AB

RF Exposure Technical Brief

Measured Conducted RF Output Power: 26.06 dBm = 0.403 Watt

Duty factor: 2 seconds every 15 minutes = $2/(60*15) = 0.22\%$

The Output Power was measured conducted with a Spectrum Analyzer with modulation turned off and with RBW=10kHz with Peak Detector.

Measured Source-based time-averaged output power = $0.403\text{ W} * 0.22\% = 0.0009\text{ Watt}$

The **Source-based time-averaged output power** is below the limit for General Public Use.