Federal Communications Commission
Authorization and Evaluation Division
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Re: RF exposure information for:

Product name: Smart Catch with FCC ID 2AOFP-300301

To Whom It May Concern:

The requirements for determination of compliance and the preparation of an Environmental Assessment regarding human exposure to levels of radiofrequency radiation, regulated in 47 CFR Part 2.1091 and 47 CFR 1.1310 for mobile devices RF Exposure Calculations:

The following information provides the minimum separation distance for the highest gain antenna provided with the Smart Catch as calculated from (B) Limits for General Population / Uncontrolled Exposure of: TABLE 1- LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE) of §1.1310 Radiofrequency radiation exposure limits.

This calculation is based on the highest EIRP possible from the system, considering maximum power and antenna gain, and considering the Power density: S_{limit} = 1.0mW/cm2 in an uncontrolled exposure environment. The Friis formula used for power density: S = (Pe.i.r.p.) / (4* π *r^2) where

Maximum average conducted output power: P = 8.4 mW e.i.r.p.
Distance to user: r = 20 cm
Frequency range: 920 MHz (far-field)

For: Smart Catch with FCC ID 2AOFP-300301: S = 0.0017 mW/cm^2

Therefore, Smart Catch is considered compliant with the rules for RF exposure without further test or analysis.

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Reg no. DK30350766
Registered office: Helsinge

Sincerely,

Signature of contact person registered with FCC

Peter Hohnen, VP Research & Development
on behalf of Dennis Dupont Hansen, Hardware Program Manager

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