

## 1 COVER LETTER

## TAGSYS – L-SA4 antenna (L-P101 Reader)

FCC ID: QHKLIBREADERLP101

March 9th, 2007

This report concerns : Original Grant _____ Class II change _____ <b>X</b> _____ SubPart C certification _____ *Class A verification _____ Class I change _____ Equipment type : Low Power Communication Devices Transmitter Request issue of grant : <input checked="" type="checkbox"/> Immediately upon completion of review <input type="checkbox"/> Defer grant per 47 CFR 0.457(d)(1)(ii) until _____ date _____. Company Name agrees to notify the Commission by _____ date _____ of the intended date of announcement of the product so that the grant can be issued on that date.		
Confidentiality of grant : <input type="checkbox"/> Applicant requests the existence of this grant to be kept confidential until _____ date _____. The announcement of this product before this date via freedom of information would be detrimental to Company Name, and therefore must be considered a business secret. Public announcement of this product will not be made prior to this date. (Max. 60 days after grant issued).		
Limits used : (check one) CISPR 22 _____ Part 15 _____ <b>X</b> _____		
Measurement procedure used is ANSI C63.4-2003 unless another is specified.		
Other test procedure :		
Application for verification Prepared by :  Laurent CHAPUS <b>LCIE</b> Etablissement de VOIRON ZI des Blanchisseries 38500 VOIRON – France Ph. : 33 4 76 65 09 08 Fax : 33 4 76 35 36 00 e-mail : <a href="mailto:laurent.chapus@lcie.fr">laurent.chapus@lcie.fr</a> <a href="mailto:labo.voiron@lcie.fr">labo.voiron@lcie.fr</a> FRN : 0005-0971-18	Applicant for this device  Franck D'ANNUNZIO <b>TAGSYS S.A.</b> 180, Chemin de Saint Lambert 13821 La PENNE-SUR-HUVEAUNE – France  Ph. : 33 4 91 27 57 18 Fax : 33 4 91 27 57 03 e-mail: <a href="mailto:franck.dannunzio@tagsysrfid.com">franck.dannunzio@tagsysrfid.com</a>  FRN : 0007-3429-91	

\*Not to be filed with Equipment Authorization Branch of FCC unless requested

Report format prepared by the Information Technology Industry Council (ITI) ESC-5 and reviewed by FCC staff in 1994

**Justification of the addition of a new antenna to be used with the FCC ID QHKLIBREADERLP101**

The new L SA4 antenna has been specifically design & developed to be able to read the latest multiple CD packs appeared in the past month. Each individual CD is fitted with a circular RF ID label placed in the middle.

The previous antennas used with the L P101 reader, the L W1 handheld, the L SA3 table top and the Aero LI were design to handle either a single CD at most or a pile of books.

This new antenna concentrates the field in the first inches away from the top of the radiating loop in order to be able to power up to 4 CD overlapping on top of the antenna. It still manages to read a single pile of up to 4 books, 6" high.

The addition of this new antenna is therefore mandatory in order to be able to fully answer the public library need of checking packs of multiple CD without having to get them out of the pack.

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