



**PHOTOGRAPHS OF THE INTEGRATED ANTENNA  
OF A 2.4 GHZ MICROWAVE ID SYSTEM, BRAND  
NEDAP, MODEL TRANS-IT XS AND TRANS-IT**

FCC listed : 90828  
Industry Canada : IC3501

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Description of EUT: 2.4 GHz Microwave ID System  
Manufacturer: N.V. Nederlandsche Apparatenfabriek "Nedap"  
Brand mark: Nedap  
Model: TRANS-IT (series) and TRANS-IT XS (specific)  
FCC ID: CGDTRANSIT

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### **Description of test item**

Test item : 2.4 GHz Microwave ID System  
Manufacturer : N.V. Nederlandsche Apparatenfabriek "Nedap"  
Brand : Nedap  
Model : TRANS-IT (series) and TRANS-IT XS (specific)  
Serial numbers : P909.0003  
Revision : n.a.  
Receipt number : 1  
Receipt date : July 5, 2002

### **Applicant information**

Applicant's representative : Mr. J.A.M. Hulshof  
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### **Information on EUT box**

Manufacturer on box : IDEAS, N.V. Nederlandsche Apparatenfabriek "Nedap"  
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PO-box : 103  
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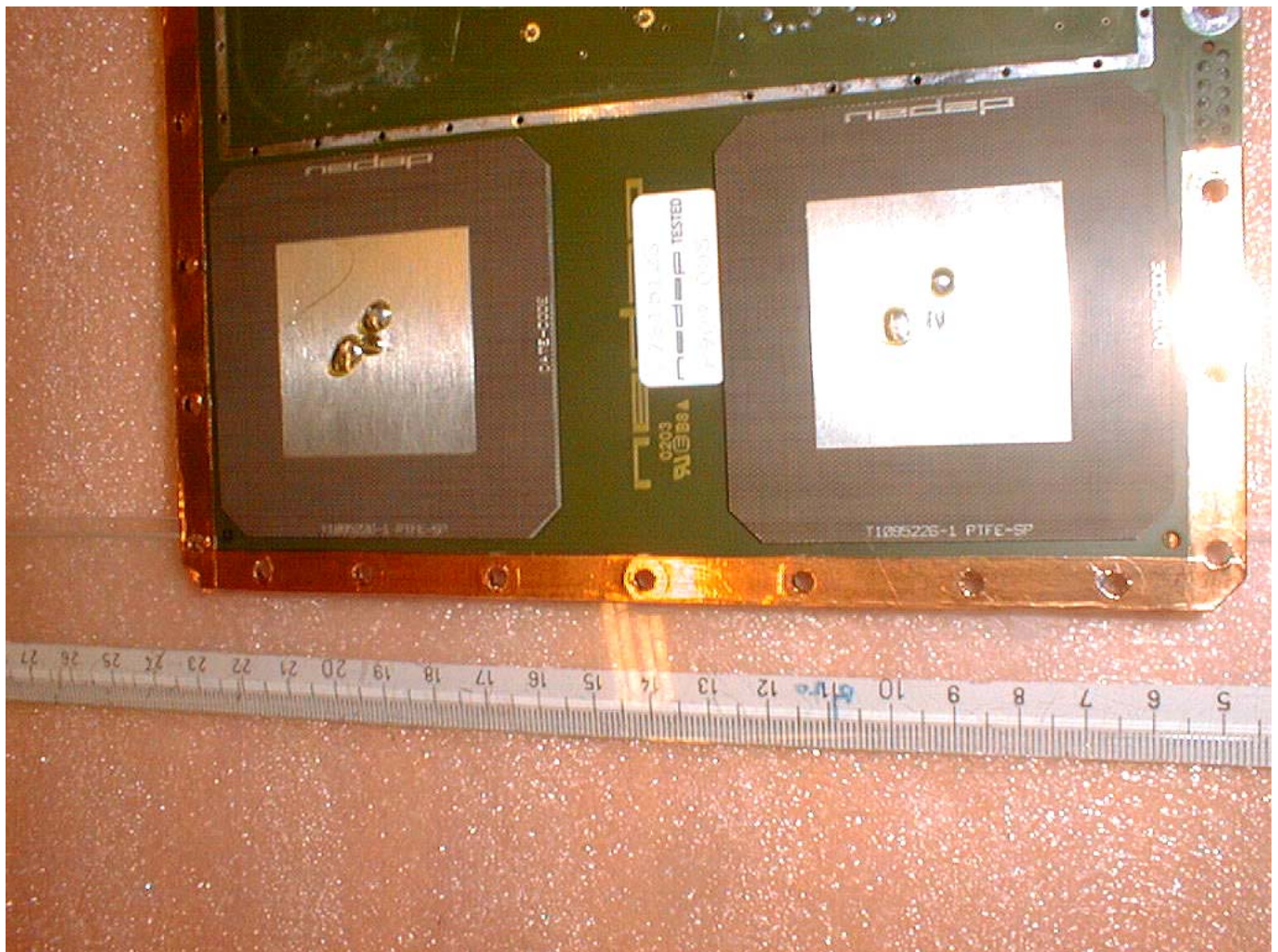
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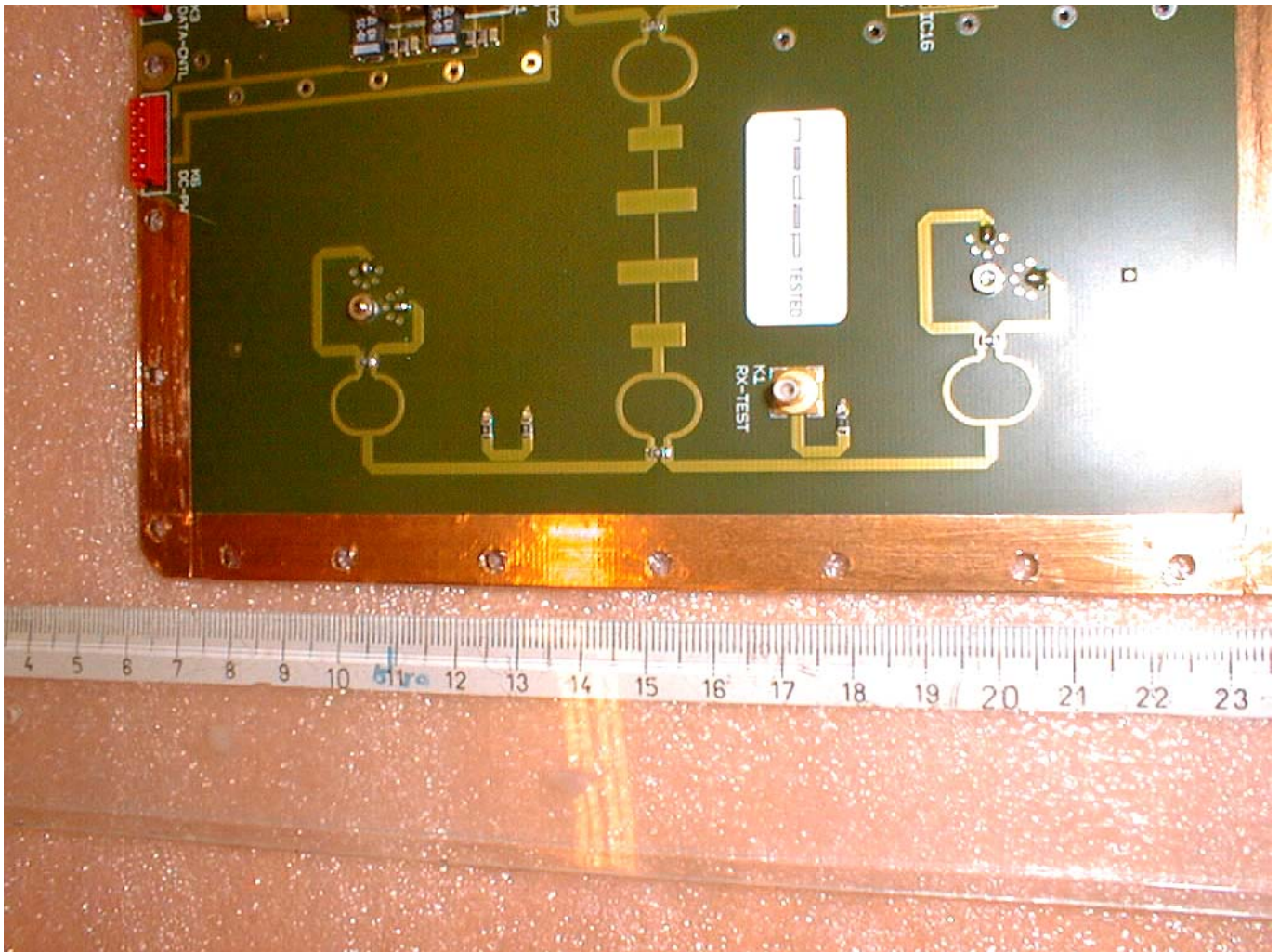
|   |                                   |   |
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## 1 Photograph of antenna side A.

Peak gain : 8 dBi  
 Material : PTFE 1.6 mm  
 Description : LHC two patch antenna array integrated on the transceiver board



## 2 Photograph of antenna side B.





## Antenna description.

Trans-IT uses a separated receive and transmit antenna each consisting out of two left hand circular patch antenna's.

The material used for the patch antenna's is a PTFE material 1.6 mm thick.

The gain including the distribution network is approximately 8 dB.

