

Document Title Tests		Document No. CTech-11:0003		Page No. Page 1 of 4
Prepared by Jörgen Andersson	Date 2011-01-26	Revision A	Security Classification (External, Internal, Confidential, Secret) Confidential	
Approved by Claes Levinsson	Archive Antenna Measurements (ctech110003_a)			

C-Pen Antenna Measurements

1 Introduction

1.1 Description

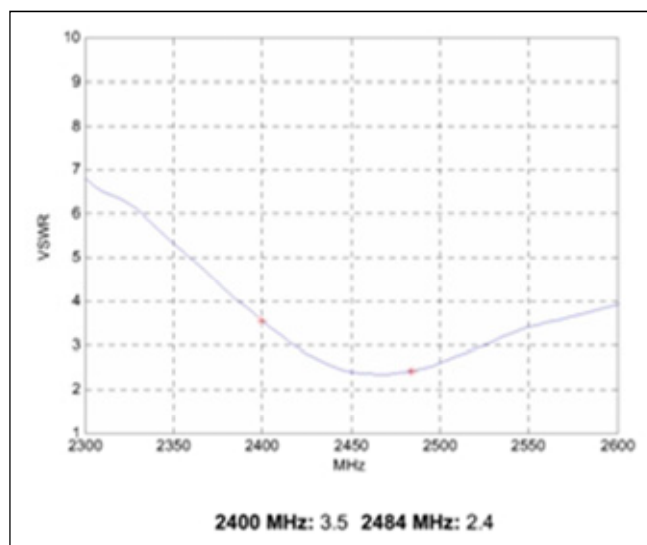
The module has been removed and a coax cable is soldered in at the pad that goes to the antenna feeding pad.

1.2 Matching network

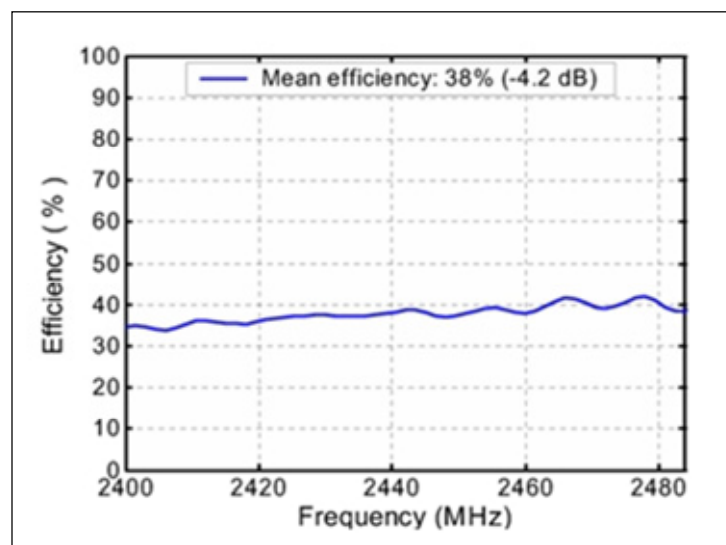
No matching network was included in the measurements in this report, but a matching network has been tested. Tests show that the impedance (matching) can be improved a little but the efficiency was only improved by 0.1 dB.

2 Measurements

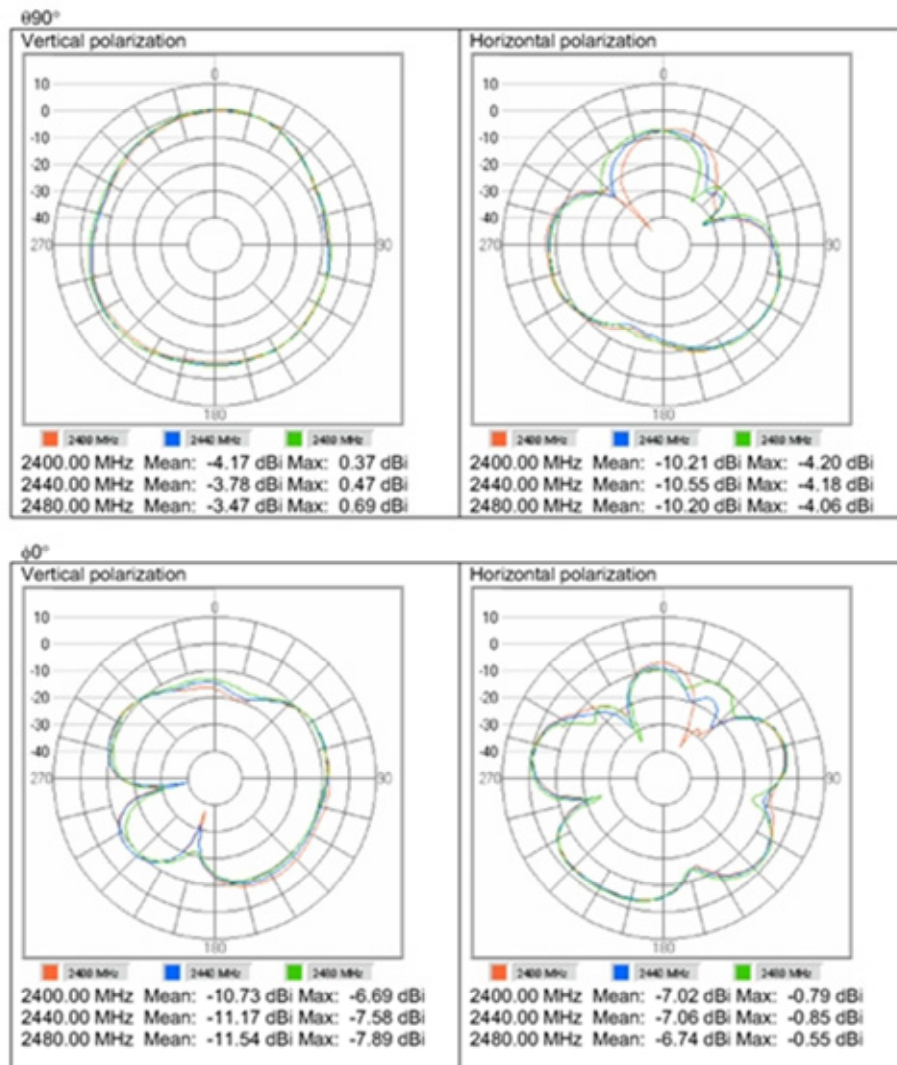
2.1 VSWR Measurement



2.2 Efficiency Measurement



2.3 Radiation pattern



3 Antenna Drawing

