

PHOTOGRAPHS OF THE TESTSETUP OF A CEREC RADIO DEVICE,
BRAND SIRONA, MODEL 654891 D392
OPERATING IN THE RANGE 2400-2483.5 MHz,

14071604.p03a March 09, 2015

> FCC listed: 90828 Industry Canada: 2932G-2 R&TTE, LVD, EMC Notified Body: 1856

TÜV Rheinland Nederland B.V.

Eiberkamp 10 9351VT Leek The Netherlands

Telephone: +31 594 505005 Telefax: +31 594 504804 Internet: www.tuv.com/nl E-mail: info@nl.tuv.com

Project number: 14071604.p03a Page 1 of 9



Description of EUT: CEREC Radio Device
Manufacturer: Benchmark Electronics B.V.

Brand mark: Sirona Model: 654891

Model: 654891 D3492 FCC ID: 2AD7W-6543891

Description of test item

Test items : CEREC Radio Device
Manufacturer : Benchmark Electronics B.V.

Brand : Sirona

Model/Version : 654891 D3492

Serial #/ID : n.a..

Receipt date : February 18, 2014

Applicant information

Applicant's representative : Mr. W. Eiff

Company : Sirona Dental Systems GmbH

Address : Fabrikstrasse 31

Postal code : D-64625 City : Bensheim

PO-box : --Postal code : --City : ---

Country : Germany

Telephone number : + 49 (0)6251 / 16-3782 Telefax number : + 49 (0)6251 / 16-2902

Report written by : R. van der Meer

Report date : March 09, 2015

Project number: 14071604.p03a Page 2 of 9



Description of EUT: CEREC Radio Device
Manufacturer: Benchmark Electronics B.V.

Brand mark: Sirona
Model: 654891 D3492
FCC ID: 2AD7W-6543891

Table of contents

PHOTOGRAPHS OF THE TESTSETUP.	4
1.1 RADIATED EMISSIONS	
1.1.1 Radiated emissions setup below 1 GHz	4
1.1.2 Radiated emissions setup above 1 GHz	5
1.1.3 Radiated emissions setup detail, front and rear side	6
1.2 Antenna Port Conducted Tests	7
1.2.1 Conducted tests testsetup overview	7
2 AC POWERLINE CONDUCTED EMISSIONS	8

Project number: 14071604.p03a Page 3 of 9



Description of EUT: CEREC Radio Device
Manufacturer: Benchmark Electronics B.V.

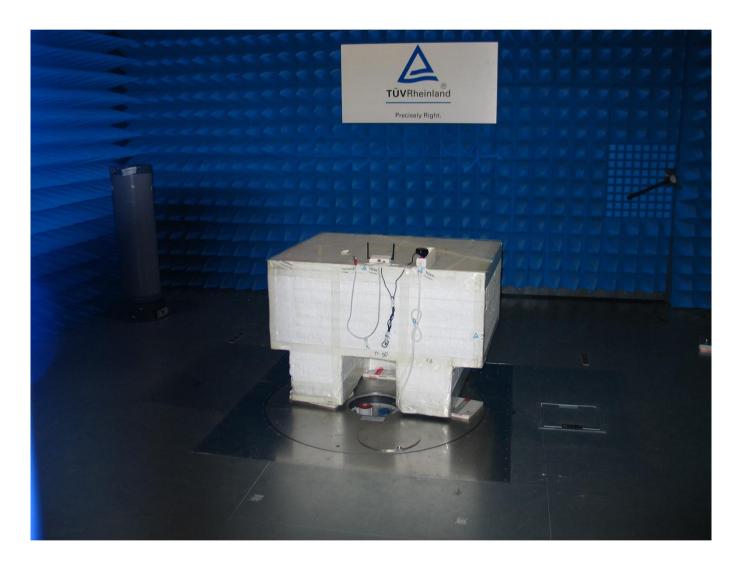
2AD7W-6543891

Brand mark: Sirona Model: 654891 D3492

FCC ID:

Photographs of the testsetup.

- 1.1 Radiated emissions.
- 1.1.1 Radiated emissions setup below 1 GHz.



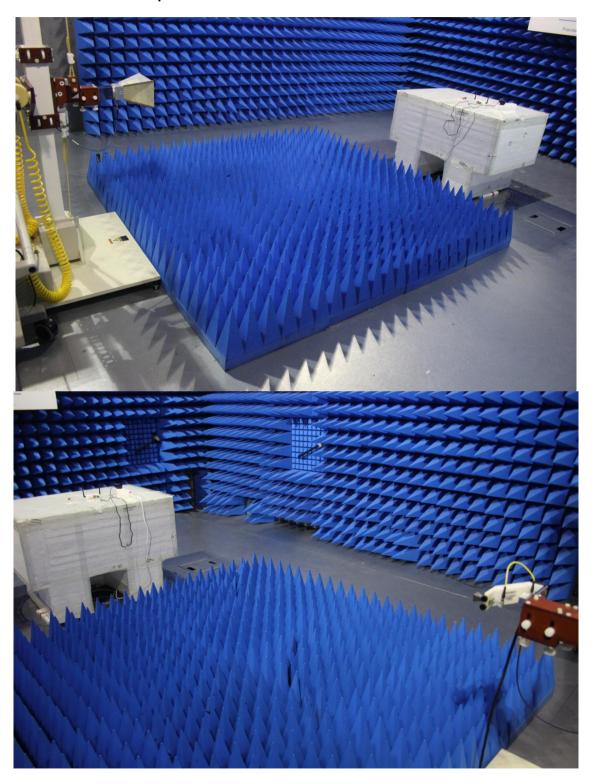
Project number: 14071604.p03a Page 4 of 9



Description of EUT: CEREC Radio Device
Manufacturer: Brand mark: Sirona

Brand mark: Sirona Model: 654891 D3492 FCC ID: 2AD7W-6543891

1.1.2 Radiated emissions setup above 1 GHz



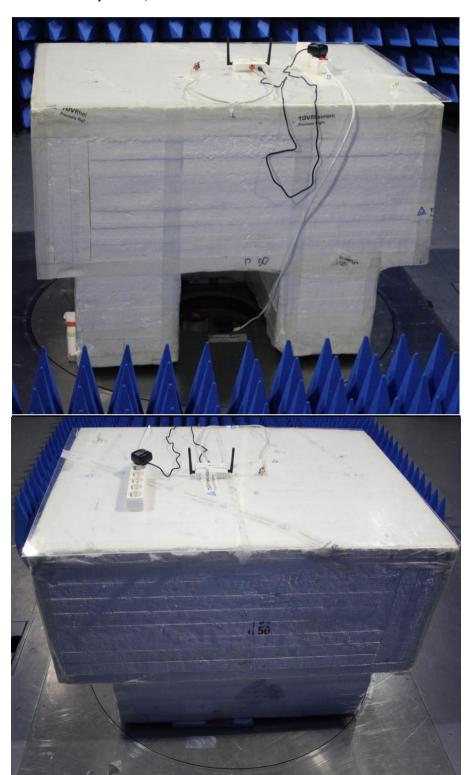
Project number: 14071604.p03a Page 5 of 9



Description of EUT: CEREC Radio Device
Manufacturer: Benchmark Electronics B.V.
Sirona

and mark: Sirona Model: 654891 D3492 FCC ID: 2AD7W-6543891

1.1.3 Radiated emissions setup detail, front and rear side.



Project number: 14071604.p03a Page 6 of 9



Description of EUT: CEREC Radio Device
Manufacturer: Benchmark Electronics B.V.
Brand mark: Sirona

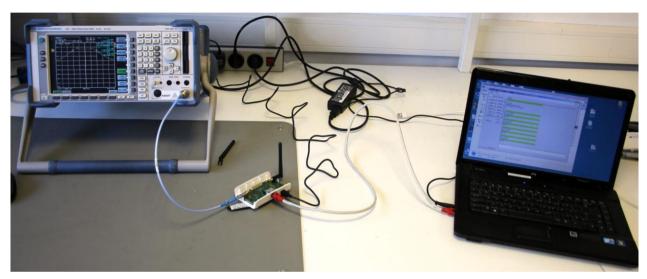
Brand mark: Sirona

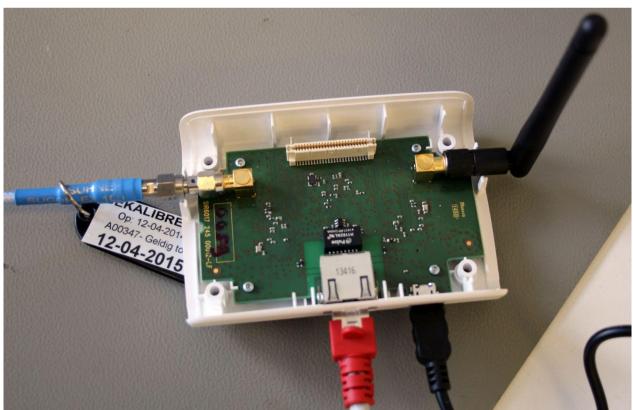
Model: 654891 D3492

FCC ID: 2AD7W-6543891

1.2 Antenna Port Conducted Tests

1.2.1 Conducted tests testsetup overview





Project number: 14071604.p03a Page 7 of 9



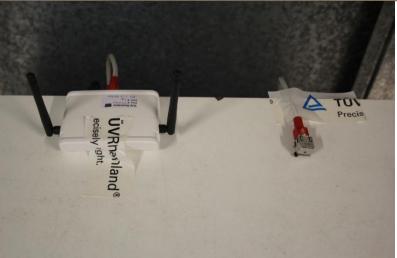
Benchmark Electronics B.V.

Brand mark: Sirona

Model: 654891 D3492 FCC ID: 2AD7W-6543891

2 AC Powerline Conducted Emissions





Project number: 14071604.p03a Page 8 of 9



Benchmark Electronics B.V.

Model: FCC ID: 654891 D3492 2AD7W-6543891



Project number: 14071604.p03a Page 9 of 9