

**CETECOM™****CETECOM ICT Services**

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## PARTIAL TEST REPORT

Test report no.: 1-6133/13-01-03



### Testing laboratory

**CETECOM ICT Services GmbH**  
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#### Accredited Testing Laboratory:

The testing laboratory (area of testing) is accredited according to DIN EN ISO/IEC 17025 (2005) by the Deutsche Akkreditierungsstelle GmbH (DAkkS). The accreditation is valid for the scope of testing procedures as stated in the accreditation certificate with the registration number: D-PL-12076-01-01  
Area of Testing: Radio/Satellite Communications

### Applicant

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### Manufacturer

**Xsight Systems Ltd.**  
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Rosh Haayin 48017 / Israel

### Test standard/s

CFR 47 Part 15.253      Radio Frequency Devices - Part C - Intentional Radiators

For further applied test standards please refer to section 3 of this test report.

### Test Item

**Kind of test item:** FOD Detect System with Radar operating in the 76-77 GHz band  
**Model name:** SDU-600-CR  
**Frequency:** 76.0 GHz - 77.0 GHz  
**Antenna:** Front-feed reflector, one for Tx, one for Rx  
**Power Supply:** 12.0 V DC by external AC/DC Adapter  
**Temperature Range:** -20 °C to +50 °C



This test report is electronically signed and valid without handwriting signature. For verification of the electronic signatures, the public keys can be requested at the testing laboratory.

### Test report authorised:

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Datum: 2013.04.25 13:58:37 +02'00'

Meheza Walla  
Expert

### Test performed:

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Karsten Gerald  
Senior Testing Manager

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## 2 General information

### 2.1 Notes and disclaimer

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### 2.2 Application details

Date of receipt of order:	2013-04-05
Date of receipt of test item:	2013-04-12
Start of test:	2013-04-18
End of test:	2013-04-18
Person(s) present during the test:	Leon Markel

## 3 Test standard/s

Test standard	Date	Test standard description
CFR 47 Part 15.253	2012-10	Radio Frequency Devices - Part C - Intentional Radiators