



# Physical - Technical Testing Institute

National Authority No. 210, EU Notified body No.1026

Testing Laboratory No. 1019, accredited by CAI according to EN ISO/IEC 17025

## TEST REPORT No.: 19.0096 - 83

Test: **EMC – RF radiated electromagnetic field immunity test.**

Applicant: **IQtronic technologies Europe s.r.o, Roháčova 145/14  
130 00 PRAHA 3, Czech Republic**

Producer: **EVPower a.s., Průmyslová 11, Praha 10, Czech Republic**

Tested Subject: **GWL/Modular: Cell Performance Monitor**

Design of Sample: **-**

Sample Number: **20892**

Certificate Number:

Delivery of Sample: **20.03.2019**

Testing Method: **IEC 61000-4-3:2006, Z1, A2, cl. 5, cl. 7.1, cl. 7.3, cl. 8.2  
EN 61000-6-2:2007, cl. 7, tab.1.**

Deviation of the Test Method: **Alternative test site-G-TEM cell**

Responsible person: Ing. Tomáš Štula, Ph.D.  
Head of Testing Laboratory

Date of issue: 12.04.2019

Elaborated by: Ing. Ladislav Byrsky

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Number of annexes: X

Test results mentioned in this test report relate to the items tested only and not replace any other documents.  
In any case the test report shall not be reproduced, except in full, without the written approval of the Testing Laboratory.

**Test Sample:** GWL/Modular: Cell Performance Monitor

**Testing Procedure:** IEC 61000-4-3:2006, cl. 5.1, cl. 7.3, cl. 7.1, cl. 8.2

**Test Conditions:**

IEC 61000-4-3:2006, cl. 5.1, cl. 7.3, cl. 8.2  
EN 61000-6-2:2007, cl. 7, tab. 1.2, up to 1GHz

| Ta [°C]  | rH [ % ] | Pa [ mbar ] |
|----------|----------|-------------|
| 24,0±2°C | 45±10    | 1010±5      |

**Compliance criteria:**

EN 61000-6-2:2007, cl. 7, tab. 1.2

**Test Apparatus Arrangement:**

Type of cable: unshielded, Earth terminal: None  
Test assembly: None

**Test Instruments and Apparatus:**

| Type                   | Manufacturer  | No. |
|------------------------|---------------|-----|
| Generator SMB 106      | ROHDE SCHWARZ | 339 |
| RF Amplifier AP32DT214 | PRANA         | 341 |
| E Field monitor EP 330 | PMM           | 305 |

**Test Results:**

**GWL/Modular: Cell Performance Monitor, PASSED the RF radiated Immunity Test, Criteria A, according to EN 61000-6-1:2007, cl. 7, tab. 1.2, up to 1GHz.**

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Tested by: Ing. Ladislav Byrský

Date of testing: 10.04.2019

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