



# EMC Test Report

As per

**EN 61000-6-3:2007/A1:2011,  
FCC Part 15 Subpart B &  
ICES-003:2020**

Emissions for

**Light Industrial &  
Information Technology Class B Equipment  
on the**

**Quad Microinverter  
Model: Q2000-4301**

Issued by:

**TÜV SÜD Canada Inc.**  
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Canada  
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Testing produced for



Prepared by:  
Jipxon PJ  
Project Engineer

Reviewed by:  
Jadon Bull  
Sr. Project Engineer

See Appendix A for full client &  
EUT details.



Registration #  
6844A-3



Testing Laboratory  
Certificate #2955.02

Report Issued: 5/10/2023



R-14023, G-20072  
C-14498, T-20060




Registration #  
CA6844

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FCC\_ICES003\_Emissions\_Rev6

Report File #: 7169012712E-001

Client	<b>Sparq Systems</b>	
Product	<b>Quad Microinverter Q2000-4301</b>	
Standard(s)	EN 61000-6-3:2007/A1:2011 FCC Part 15 Subpart B ICES-003, Issue 7: 2020	

## Report Scope

This report addresses the EMC verification testing and test results of the **Quad Microinverter**, Model: **Q2000-4301**, herein referred to as EUT (Equipment Under Test). The EUT was tested for emissions compliance against the following standards:

EN 61000-6-3:2007/A1:2011

FCC Part 15 Subpart B


ICES-003:2020

For a more detailed list of the standards and the revision used, see the "Applicable Standards, Specifications and Methods" section of this report.

Test procedures, results, justifications, and engineering considerations, if any, follow later in this report.

This report does not imply product endorsement by any government, accreditation agency, or TÜV SÜD Canada Inc.

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Client	<b>Sparq Systems</b>	
Product	<b>Quad Microinverter Q2000-4301</b>	
Standard(s)	EN 61000-6-3:2007/A1:2011 FCC Part 15 Subpart B ICES-003, Issue 7: 2020	

## Summary

The results contained in this report relate only to the item(s) tested.

Equipment Under Test (EUT)	Quad Microinverter Q2000-4301
EUT passed all tests performed	Yes
Testing conducted by	Jipxon PJ
Report reviewed by	Jadon Bull

For testing dates, see 'Testing Environmental Conditions and Dates'.

Client	<b>Sparq Systems</b>	
Product	<b>Quad Microinverter Q2000-4301</b>	
Standard(s)	EN 61000-6-3:2007/A1:2011 FCC Part 15 Subpart B ICES-003, Issue 7: 2020	

## ***Test Results Summary***

<b>Standard/ Method</b>	<b>Description</b>	<b>Class / Level</b>	<b>Result</b>
FCC 15.107 ICES-003 EN 61000-6-3/ CISPR 16-2-1	Power Line Conducted Emissions	Class B	Pass
FCC 15.109 ICES-003 EN 61000-6-3/ CISPR 16-2-3	Radiated Emissions	Class B	Pass
<b>Overall Result</b>			<b>Pass</b>

If the product as tested complies with the specification or requirement, the EUT is deemed to comply and is issued a 'PASS' grade. If not, 'FAIL' grade is issued.