

## **Dielectric Probe Calibration Report**

Ref: ACR.49.20.22.BES.A

# BTF TESTING LAB (SHENZHEN) CO., LTD.

F101,201 AND 301, BUILDING 1, BLOCK 2, TANTOU INDUSTRIAL PARK, TANTOU COMMUNITY SONGGANG STREET, BAO'AN DISTRICT, SHENZHEN, CHINA

### MVG LIMESAR DIELECTRIC PROBE

FREQUENCY: 0.4-6 GHZ

**SERIAL NO.: SN 06/22 OCPG 88** 

#### Calibrated at MVG

Z.I. de la pointe du diable Technopôle Brest Iroise – 295 avenue Alexis de Rochon 29280 PLOUZANE - FRANCE

Calibration date: 02/02/2024



Accreditations #2-6789 Scope available on www.cofrac.fr

The use of the Cofrac brand and the accreditation references is prohibited from any reproduction.

#### Summary:

This document presents the method and results from an accredited Dielectric Probe calibration performed at MVG, using the LIMESAR test bench. The test results covered by accreditation are traceable to the International System of Units (SI).





	Name	Function	Date	Signature
Prepared by :	Jérôme Luc	Technical Manager	2/2/2024	JE
Checked by:	Jérôme Luc	Technical Manager	2/2/2024	JE
Approved by:	Yann Toutain	Laboratory Director	2/2/2024	Gann TOUTANN

2024.02.03

11:29:33 +01'00'

	Customer Name
Distribution :	BTF Testing Lab (Shenzhen) Co., Ltd.

Issue	Name	Date	Modifications
A	Jérôme Luc	2/2/2024	Initial release





#### **TABLE OF CONTENTS**

1	Introduction4	
2	Device Under Test4	
3	Product Description4	
	3.1 General Information	
	Measurement Method5	
	4.1 Liquid Permittivity Measurements	
	Measurement Uncertainty5	
	5.1 Dielectric Permittivity Measurement	
6	Calibration Measurement Results5	
	6.1 Liquid Permittivity Measurement	
7	List of Equipment7	