

## **Bluetest Testservice GmbH Equipment List Rev. 3.Feb.2020**

### **Lab:**

ESD floor DLW Royal LG2 with  
Volume resistance EN 61340-4-1  $\leq 3.5 \times 10^7$  Ohm  
System resistance EN 61340-4-5  $\leq 3.5 \times 10^7$  Ohm

Climatic conditions: 20 – 25°C temperature and 40 – 60% humidity.  
(permanently controlled)

Central compressed air supply up to 10 bar (145 psi), dry and oil-free

2 Vacuum pumps (> 135l/min)

Cleanroom ISO-6 under laminar Flow box.

MEKKO AD-302H drying and storage cabinet 1%, 880 l

Multiple High temperature ovens Binder FED240 25°C ..300°C

### **Test System:**

#### **2 Mixed Signal Test systems - LTX-Credence D10**

- \* 384 digital channels
- \* 16/32MB Vector memory
- \* APG, SCAN
- \* 32 4-Quadrant VI sources
- \* 2 Multiwave with 4 arbitrary waveform generators and 4 digitizer
- \* Easy integration of external measurement equipment:

#### **High Performance Latchup Tester**

- \* 64 latchup channels , 32 aux digital pins, 7 supplies
- \* LU Source +/- 200mA / +/- 60V

#### **Wafer prober :**

Electroglass 4080 , 8" wafer, room and hot temperature (max 130°C)

Electroglass 4090u+ , 8" wafer, room and hot temperature (max 150°C)

#### **Handling Systems:**

Multitest 9510 3-Temperature Pick&Place Handling System

Multitest 8704 IHF ambient and hot Handling System

Multitest 8501 ambient and hot Gravity Handling System

Microtec MH240 ambient Handling System

Microtec MH200 ambient Handling System

#### **Thermostream:**

Temptronic TP04300A -75°C to 225°C

#### **Programmer:**

Universal Programmer ee Tools Chipmax2

**Lab and Test Extension**

LCR Meter HP4263B & Hioki IM3536

Hipot Tester Chroma 19020 Series (AC 5kV, DC 6kV)

Spectrum Analyzer E4402B

Multiple DC Power Supplies

Multiple Function Generators