



Fraunhofer

TESTED[®] DEVICE

KUKA Roboter GmbH
KR3 R540 (prototype)
Report No. KU 1607-835

Electrostatic Discharge Behavior

Qualification Certificate

This is to certify that the product mentioned above, provided by

KUKA Roboter GmbH
Augsburg, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number KU 1607-835 .

The robot KR3 R540 (prototype) (color: white) fulfills the permissible limit value of 20V/cm (2kV/m) defined in SEMI E78-0309 for the Sensitivity Level 2018/18 nm.

Electrostatic Field		
Electrostatic Level		Test result
Year: Node	[V/cm]	[V/cm]
2018: 65 nm	20	7.6
Limit value:		fulfilled

This equates to a defined permissible limit value of 100V/cm (10kV/m) for Sensitivity Level 1 according to SEMI E78-0998 and causes minimal surface charges.

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

Stuttgart, October 12, 2016

on behalf of 
Frank Bürger, Project manager Fraunhofer IPA

The validity of this certificate applies only to the mentioned product in this particular condition for a duration of 5 years.
Further information:
www.tested-device.com

DUPLICATE