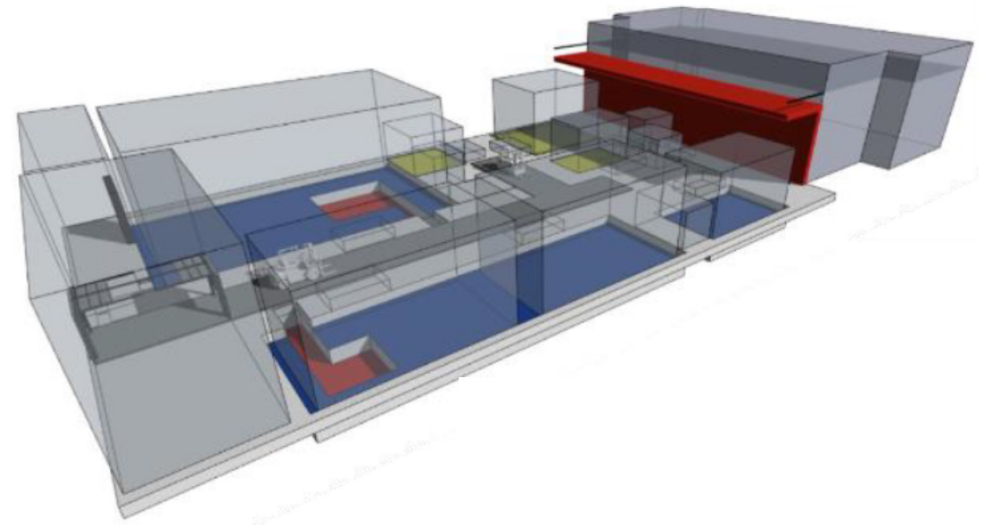


# ELECTROMAGNETIC COMPATIBILITY & PRODUCT SAFETY

## EMC-TEST CENTER | TEST RANGE: DC TO 40 GHZ



SGS Germany GmbH  
Benzstrasse 26, D-82178, Puchheim  
Tel.: +49 89 787475 - 0 | E-mail: [cqe@sgs.com](mailto:cqe@sgs.com)  
[www.sgs-cqe.de](http://www.sgs-cqe.de) | [www.sgs.com](http://www.sgs.com)



| CHAMBER                       | 1                                                                                                                                                                                                                          | 2                                                                                                                                                                                                                                        | 3                                                                                                                                                                                                                                    | 4 / 5                                                     | 6                                                         | 7                                                         | 8                                                                                                                                                                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DIMENSIONS (NET)</b>       | 20.2 * 11.3 * 6.8 m                                                                                                                                                                                                        | 10.8 * 5.4 * 4.9 m                                                                                                                                                                                                                       | 7.4 * 6.6 * 5.2 m                                                                                                                                                                                                                    | 4.1 * 3.5 * 3.5 m                                         | 6.4 * 4.3 * 4.3 m                                         | 4.6 * 4.3 * 3 m                                           | 10.8 * 5.4 * 4.9 m                                                                                                                                                                                                                       |
| <b>MAX. DOOR EXIT (W X H)</b> | 4.2 x 4.2 m                                                                                                                                                                                                                | 3.4 * 3.5 m                                                                                                                                                                                                                              | 2.0 * 2.7 m                                                                                                                                                                                                                          | 0.9 * 2.2 m (4)<br>1.5 * 2.5 m (5)                        | 1.8 * 3.0 m                                               | 1.2 * 2 m                                                 | 3.5 * 3.5 m                                                                                                                                                                                                                              |
| <b>ABSORBERS</b>              | Pyramidal hybrid absorbers on walls and ceiling                                                                                                                                                                            | Pyramidal hybrid absorbers on walls and ceiling                                                                                                                                                                                          | Pyramidal hybrid absorbers on walls and ceiling                                                                                                                                                                                      | Without absorbers                                         | Without absorbers                                         | Pyramidal hybrid absorbers on walls and ceiling           | Pyramidal hybrid absorbers on walls and ceiling                                                                                                                                                                                          |
| <b>FLOOR</b>                  | Metallic ground plane<br>floor load: 15 t/m <sup>2</sup><br>max. 35 t Vehicle                                                                                                                                              | Metallic ground plane<br>floor load: 1 t/m <sup>2</sup><br>max. 5 t                                                                                                                                                                      | Metallic ground plane<br>floor load: 1 t/m <sup>2</sup>                                                                                                                                                                              | Metallic ground plane<br>floor load: 1.5 t/m <sup>2</sup> | Metallic ground plane<br>floor load: 1.5 t/m <sup>2</sup> | Metallic ground plane<br>floor load: 1.5 t/m <sup>2</sup> | Metallic ground plane<br>floor load: 3 t/m <sup>2</sup><br>max. 5 t                                                                                                                                                                      |
| <b>TURNTABLE</b>              | Ø 6 m / 10 t                                                                                                                                                                                                               | Ø 3 m / 3 t                                                                                                                                                                                                                              | Ø 2.0 m / 1 t                                                                                                                                                                                                                        |                                                           |                                                           |                                                           | Ø 3 m / 5 t                                                                                                                                                                                                                              |
| <b>LISTINGS</b>               |                                                                                                                                                                                                                            |                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                      |                                                           | VCCI-listed Reg. No.<br>C-12866 T-11942                   |                                                           | VCCI-listed Reg. No.<br>R-12623, (3/5 m)<br>G-10266 (3 m)                                                                                                                                                                                |
| <b>SPECIALS</b>               | Emission:<br>9 kHz – 30 MHz<br>(d = 3 m, NSIL)<br><br>30 – 1000 MHz<br>(d = 10 m)<br>NSA/RSM acc. to:<br>CISPR 16-1-4<br>ANSI C63.4<br><br>1 – 18 GHz<br>(d = 3/5/10 m)<br>Site VSWR<br>1 – 18 GHz acc. to<br>CISPR 16-1-4 | Emission:<br>9 kHz – 30 MHz<br>(d = 3 m, NSIL)<br><br>30 – 1000 MHz<br>(d = 3/5 m)<br>NSA/RSM acc. to:<br>CISPR 16-1-4<br>ANSI C63.4<br><br>1 – 18 GHz<br>(d = 3/5 m)<br>Site VSWR<br>1 – 18 GHz acc. to<br>CISPR 16-1-4<br><br>CISPR 25 | Emission:<br>9 kHz – 30 MHz<br>(d = 3 m, NSIL)<br><br>30 – 1000 MHz<br>(d = 3 m)<br>NSA/RSM acc. to:<br>CISPR 16-1-4<br>ANSI C63.4<br><br>1 – 18 GHz<br>(d = 3 m)<br>Site VSWR<br>1 – 18 GHz acc. to<br>CISPR 16-1-4<br><br>CISPR 25 |                                                           |                                                           | For automotive components only<br>CISPR 25                | Emission:<br>9 kHz – 30 MHz<br>(d = 3 m, NSIL)<br><br>30 – 1000 MHz<br>(d = 3/5 m)<br>NSA/RSM acc. to:<br>CISPR 16-1-4<br>ANSI C63.4<br><br>1 – 18 GHz<br>(d = 3/5 m)<br>Site VSWR<br>1 – 18 GHz acc. to<br>CISPR 16-1-4<br><br>CISPR 25 |
|                               | Immunity:<br>Field uniformity<br>27 – 6000 MHz acc.<br>IEC/EN 61000-4-3                                                                                                                                                    | Immunity:<br>Field uniformity<br>80 – 6000 MHz acc.<br>IEC/EN 61000-4-3<br><br>ISO 11452-2                                                                                                                                               | Immunity:<br>Field uniformity<br>80 – 6000 MHz acc.<br>IEC/EN 61000-4-3<br><br>ISO 11452-2                                                                                                                                           |                                                           |                                                           | Immunity<br>ISO 11452-2                                   | Immunity:<br>Field uniformity<br>27 – 6000 MHz acc.<br>IEC/EN 61000-4-3<br><br>ISO 11452-2                                                                                                                                               |

