

Annex 3: Set-up photographs to
TEST REPORT
No.: 19-1-0106801T02a

According to:
FCC Regulations
Part 15.519

for

Siemens Aktiengesellschaft

SIMATIC RTLS4083T
6GT2700-5DC13

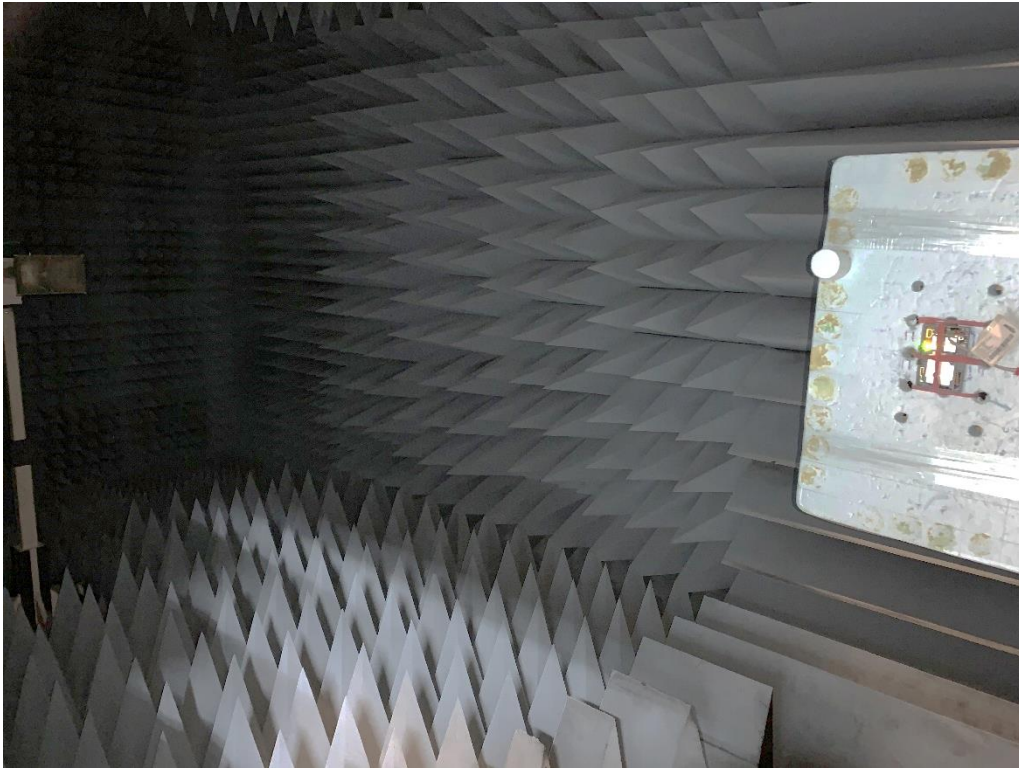
FCC ID: SCF4083T01

Laboratory Accreditation
 Deutsche Akkreditierungsstelle D-PL-12047-01-01 D-PL-12047-01-03 D-PL-12047-01-04
accredited according to DIN EN ISO/IEC 17025:2018
CETECOM GmbH Laboratory Radio Communications & Electromagnetic Compatibility Im Teelbruch 116 • 45219 Essen • Germany Registered in Essen, Germany, Reg. No.: HRB Essen 8984 Tel.: + 49 (0) 20 54 / 95 19-0 • Fax: + 49 (0) 20 54 / 95 19-150 E-mail: contact@cetecom.com • Internet: www.cetecom.com

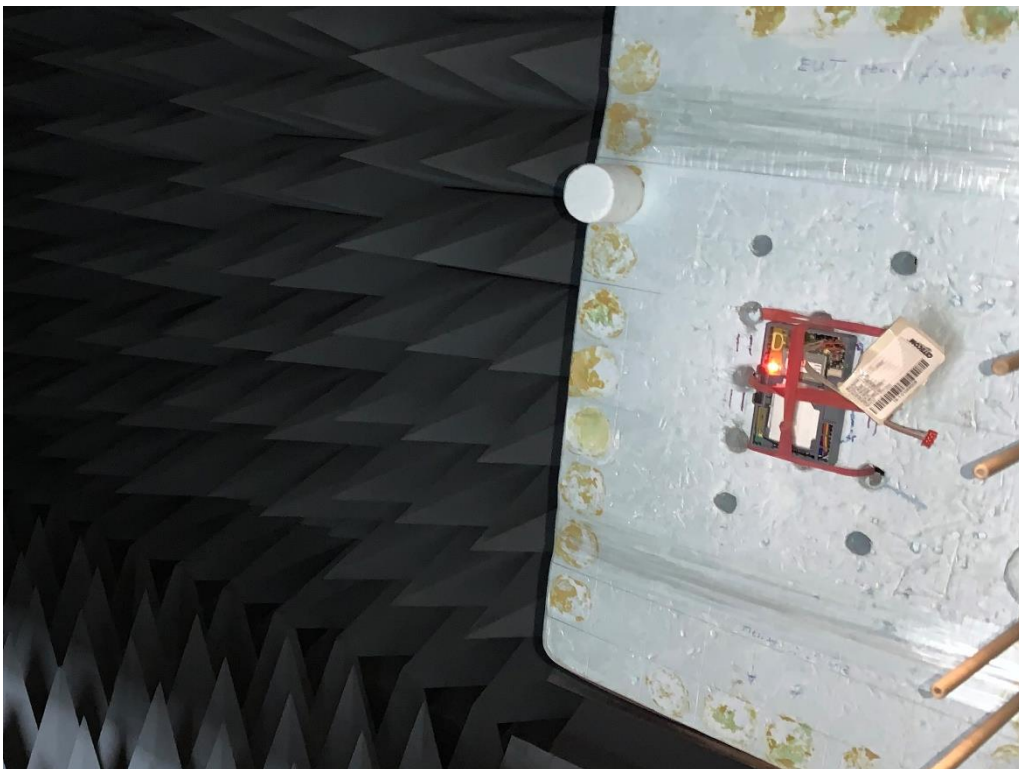
TABLE OF CONTENTS:

1. TRANSMISSION TIME MEASUREMENT	3
2. 10 DB BANDWIDTH MEASUREMENT	4
3. RADIATED RF-MEASUREMENTS SET-UP.....	5
3.1. Radiated Field Strength Emissions – 9 kHz to 30 MHz	5
3.2. Radiated Field Strength Emissions - 30 MHz to 960 MHz	5
3.3. Radiated Field Strength Emissions – 960 MHz – 4750 MHz.....	6
3.4. Radiated Field Strength Emissions –4750 MHz - 12400 MHz.....	6
3.5. Radiated Field Strength Emissions –12400 MHz - 18000 MHz.....	7
3.6. Radiated Field Strength Emissions – 12400 MHz – 18000 MHz	8
4. RADIATED EMISSIONS IN THE GPS BANDS	9
4.1. Frequency range 1164 MHz – 1240 MHz	9
4.2. Frequency range 1559 MHz – 1610 MHz	9
5. FUNDAMENTAL EMISSION PEAK POWER	9

1. Transmission time measurement



Photograph 1: Overall View, EUT A



Photograph 2: Close View, EUT A

2. 10 dB bandwidth measurement

See chapter 1.

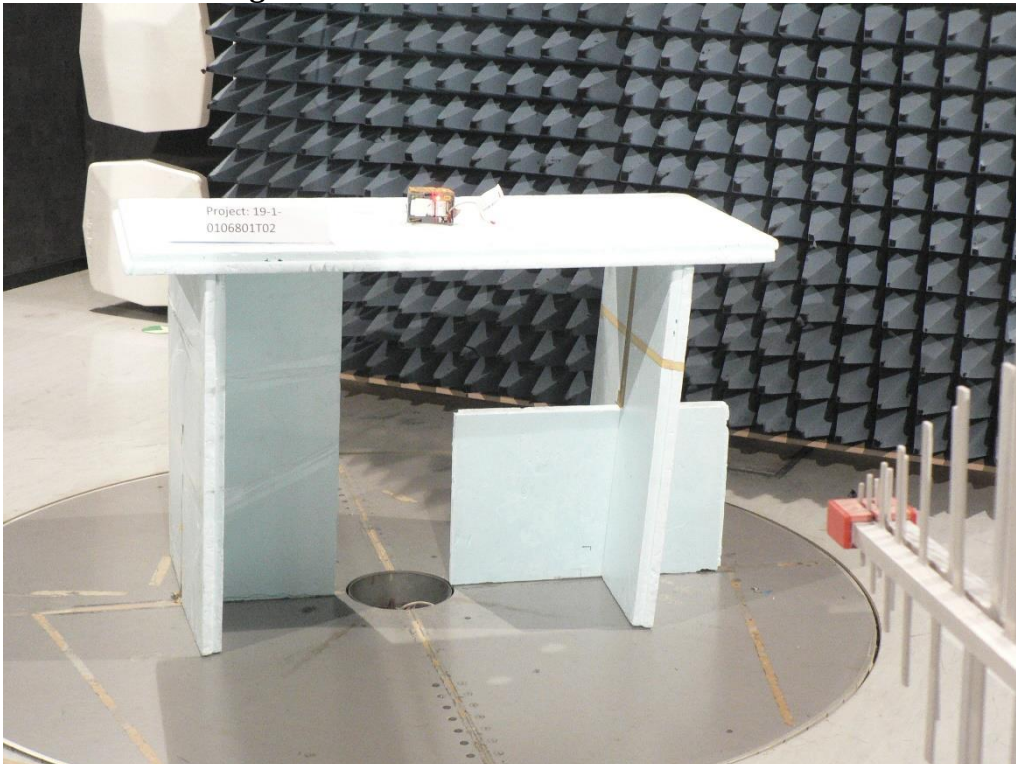
3. Radiated RF-Measurements Set-up

3.1. Radiated Field Strength Emissions – 9 kHz to 30 MHz



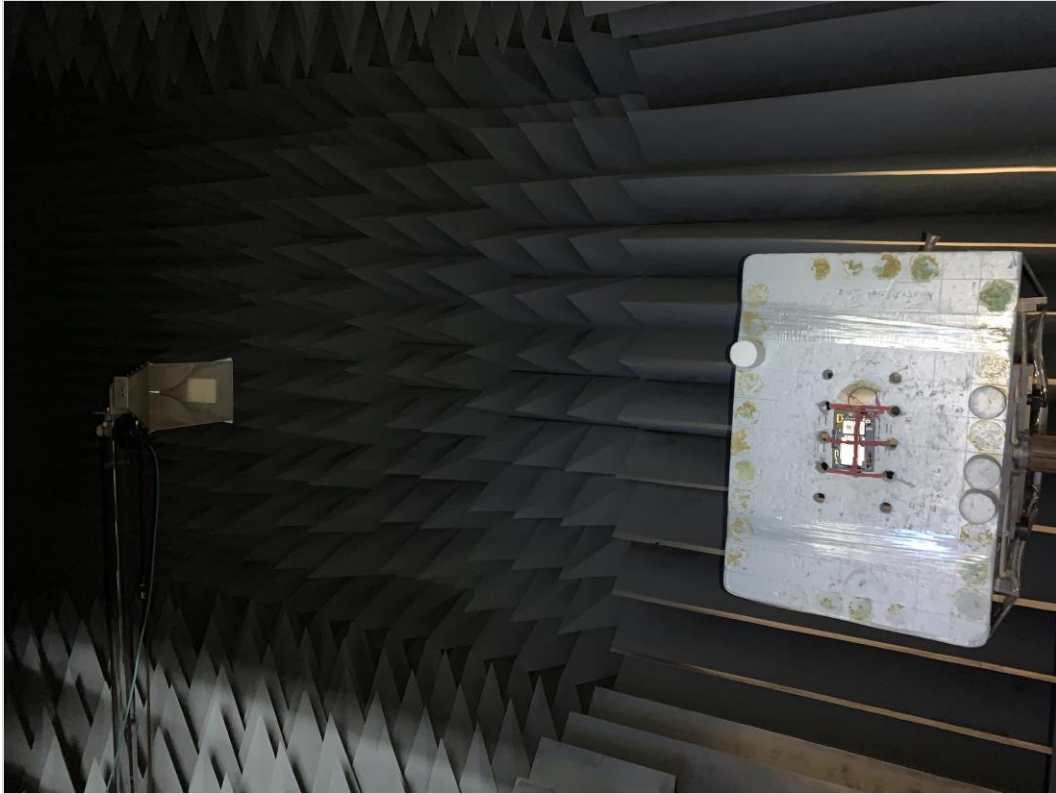
Photograph 3: Overall View, EUT A

3.2. Radiated Field Strength Emissions - 30 MHz to 960 MHz



Photograph 4: Overall View, EUT A

3.3. Radiated Field Strength Emissions – 960 MHz – 3100 MHz

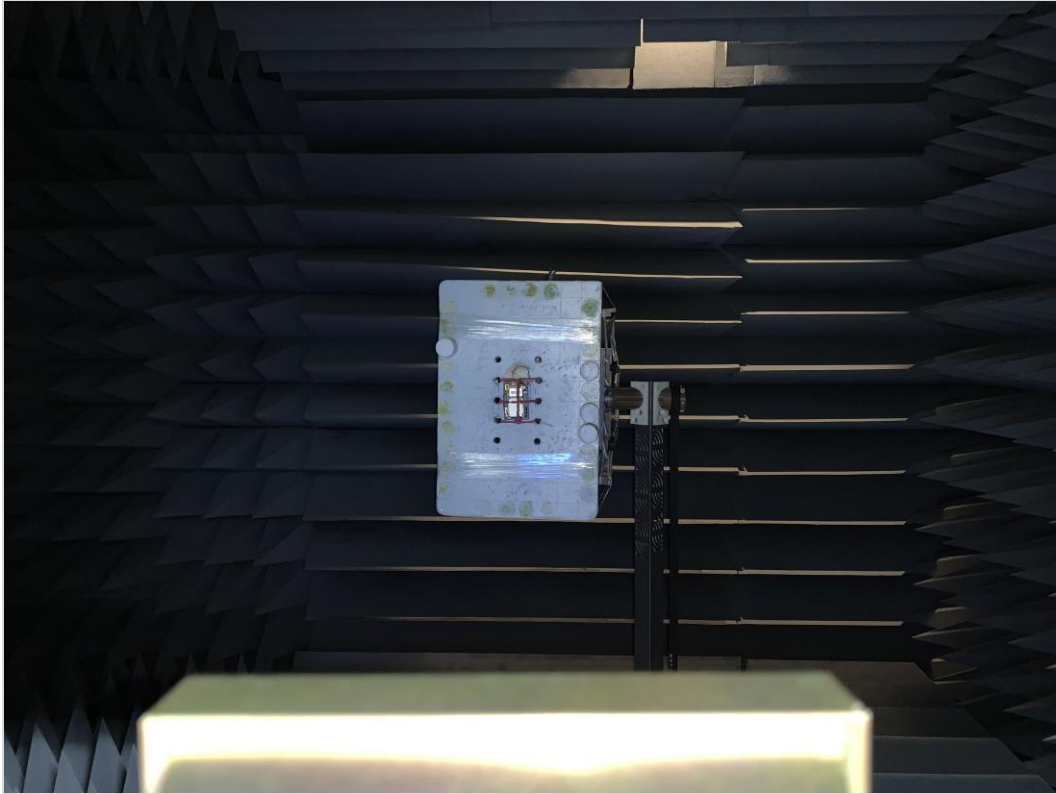


Photograph 5: Overall View, EUT A

3.4. Radiated Field Strength Emissions –3100 MHz - 12400 MHz

See chapter 1.

3.5. Radiated Field Strength Emissions –12400 MHz - 18000 MHz



Photograph 6: Overall View, EUT A

3.6. Radiated Field Strength Emissions – 18000 MHz – 40000 MHz



Photograph 7: Overall View, EUT A

4. Radiated emissions in the GPS bands

4.1. Frequency range 1164 MHz – 1240 MHz

See chapter 1.

4.2. Frequency range 1559 MHz – 1610 MHz

See chapter 1.

5. Fundamental emission peak power

See chapter 1.