



REPORT No.: SZ23090286S01

## Annex D Plots of Maximum SAR Test Results

## GSM850\_GPRS(3 TX slots)\_Front Side\_10mm\_Ch190

Communication System: UID 0, GSM850(class 11) (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.77  
Medium: HSL\_900 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.959$  S/m;  $\epsilon_r = 42.864$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 836.6 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2022.12.28
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch190/Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.261 W/kg

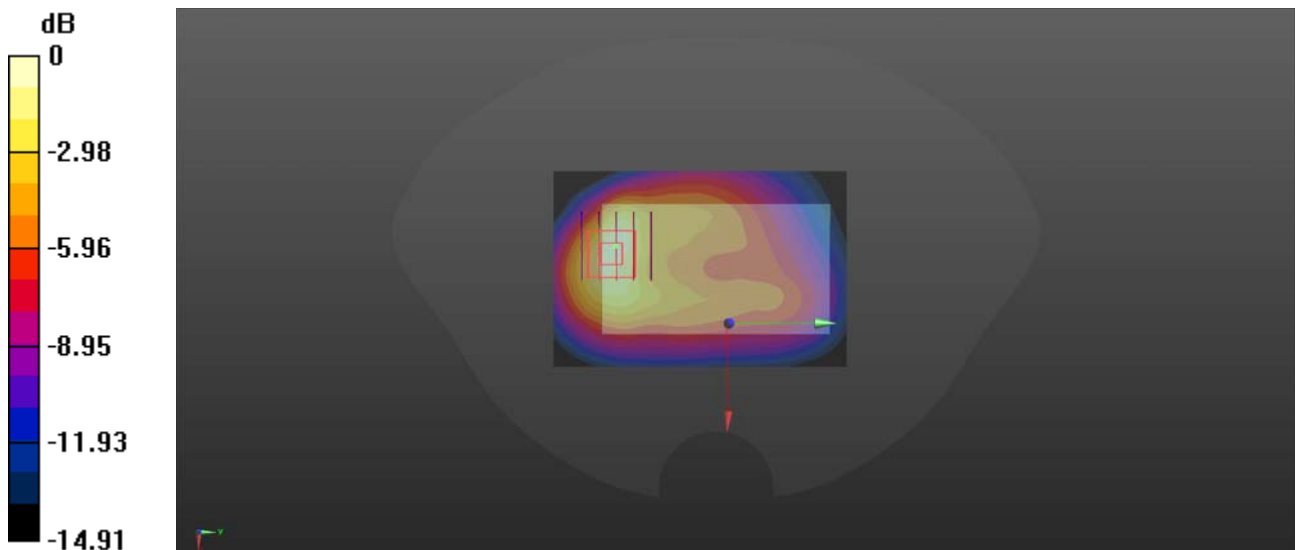
**Ch190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.097 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.344 W/kg

**SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.109 W/kg**

Maximum value of SAR (measured) = 0.269 W/kg



0 dB = 0.269 W/kg

## GSM1900\_GPRS(3 TX slots)\_Back Side\_10mm\_Ch661

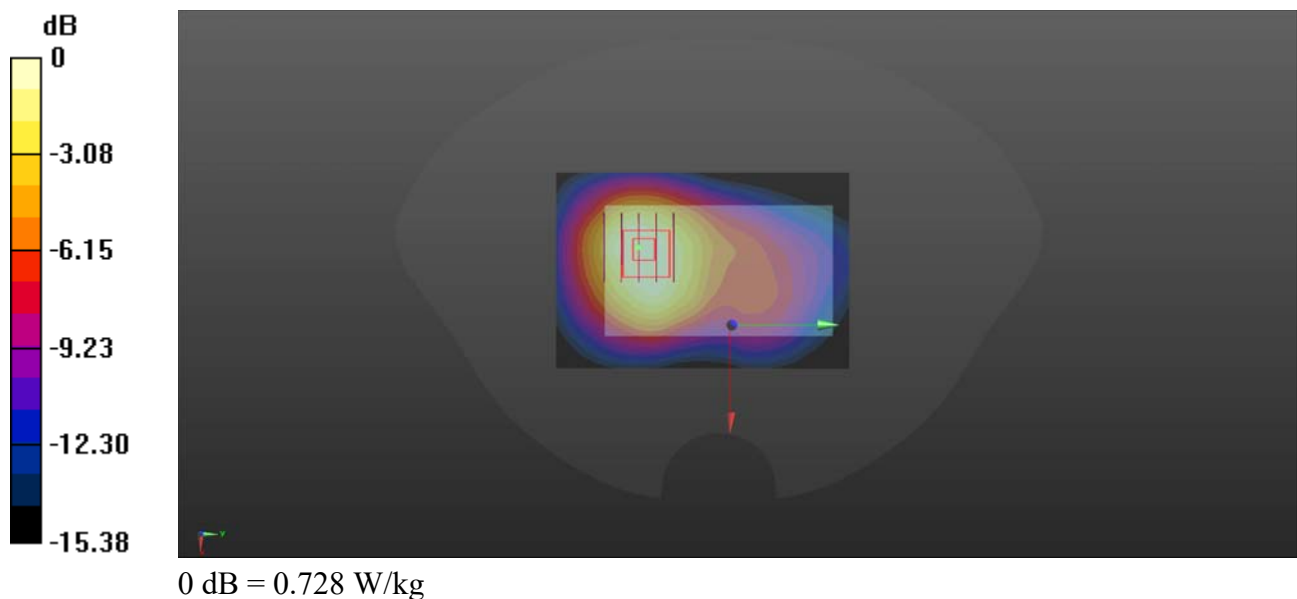
Communication System: UID 0, GSM1900(class 11) (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.413$  S/m;  $\epsilon_r = 36.138$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.66, 7.66, 7.66) @ 1880 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2022.12.28
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch661/Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.798 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.95 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.910 W/kg  
**SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.333 W/kg**  
Maximum value of SAR (measured) = 0.728 W/kg



## LTE Band 2\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch18900

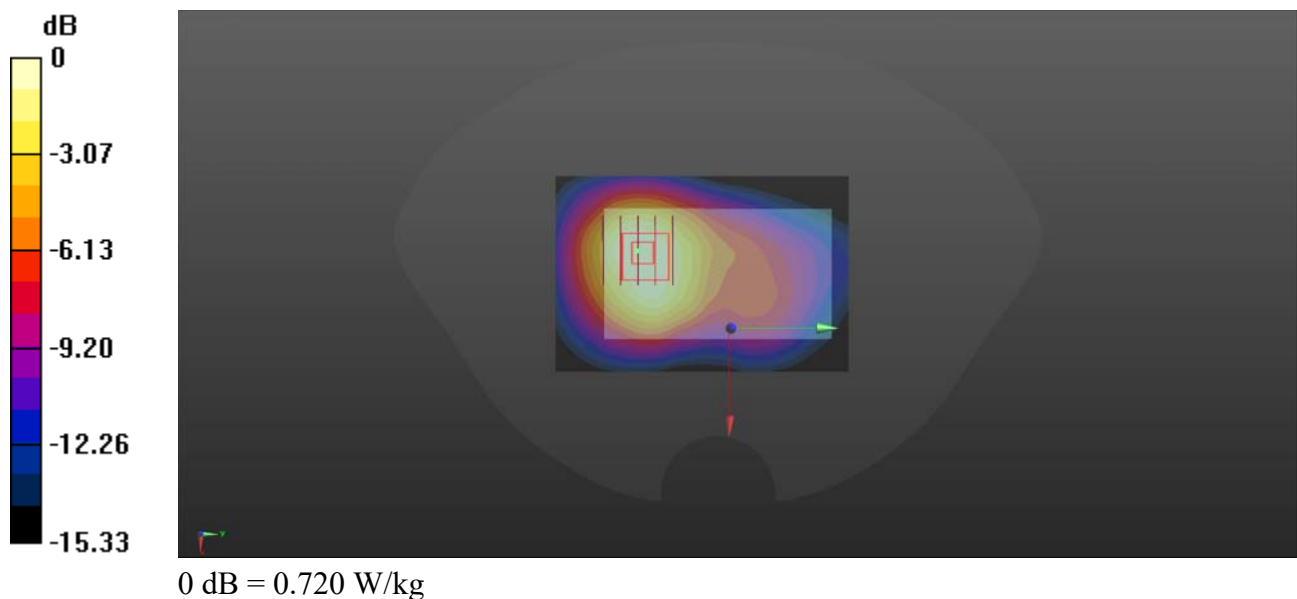
Communication System: UID 0, LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.413$  S/m;  $\epsilon_r = 36.138$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.66, 7.66, 7.66) @ 1880 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2022.12.28
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch18900/Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.789 W/kg

**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.93 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.898 W/kg  
**SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.330 W/kg**  
Maximum value of SAR (measured) = 0.720 W/kg



## LTE Band 4\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch20175

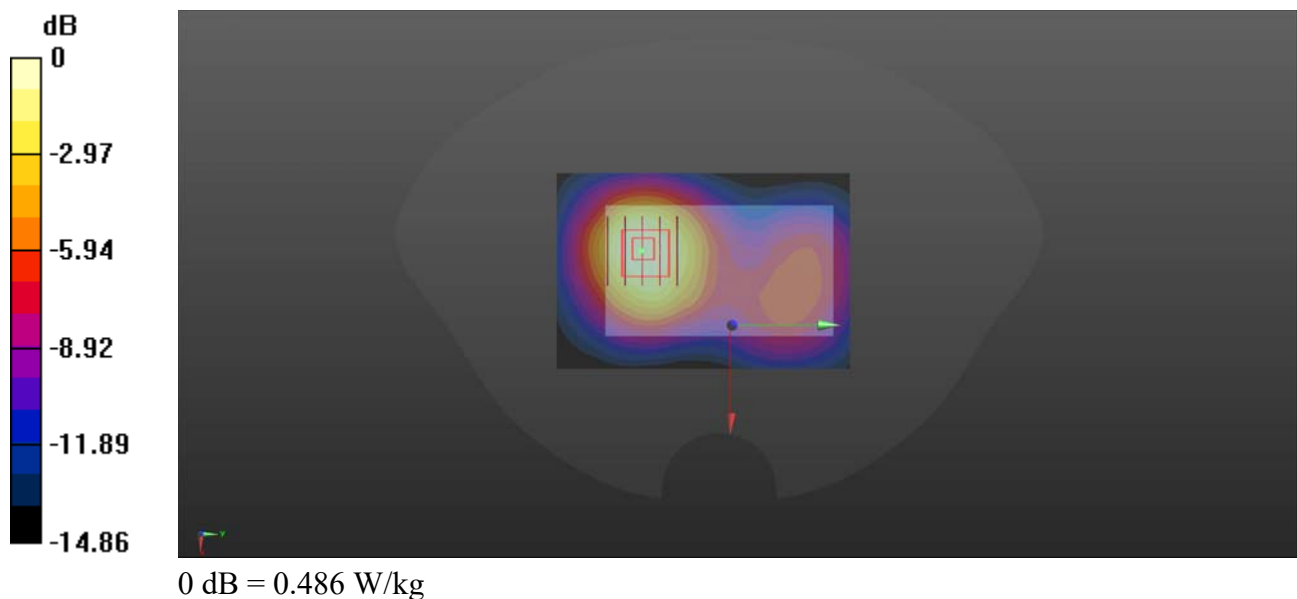
Communication System: UID 0, LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.345$  S/m;  $\epsilon_r = 40.238$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1732.5 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2022.12.28
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch20175/Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.537 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 7.783 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 0.601 W/kg  
**SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.221 W/kg**  
Maximum value of SAR (measured) = 0.486 W/kg



## LTE Band 5\_10MHz\_QPSK\_1RB\_0Offset\_Front Side\_10mm\_Ch20525

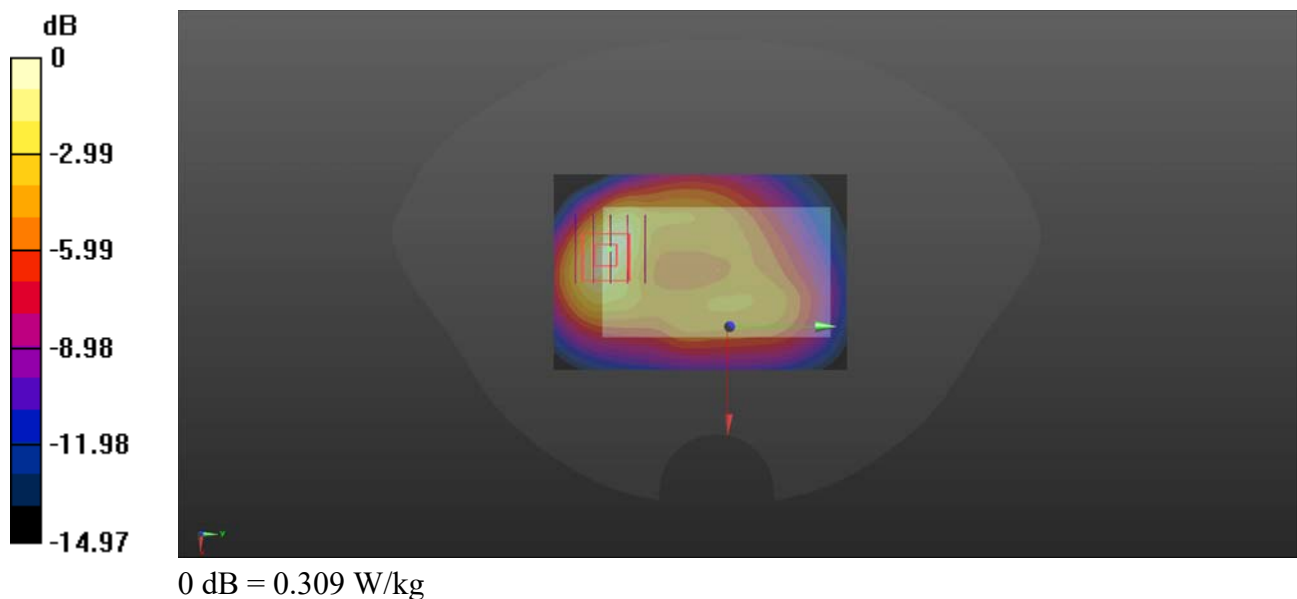
Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_900 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 42.846$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 836.5 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2022.12.28
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch20525/Area Scan (61x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.274 W/kg

**Ch20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.883 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.394 W/kg  
**SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.123 W/kg**  
Maximum value of SAR (measured) = 0.309 W/kg



**LTE Band 7\_20MHz\_QPSK\_1RB\_0Offset\_Back Side\_10mm\_Ch21100**

Communication System: UID 0, LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL\_2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.911$  S/m;  $\epsilon_r = 39.489$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

## DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.22, 7.22, 7.22) @ 2535 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2022.12.28
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch21100/Area Scan (71x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.756 W/kg

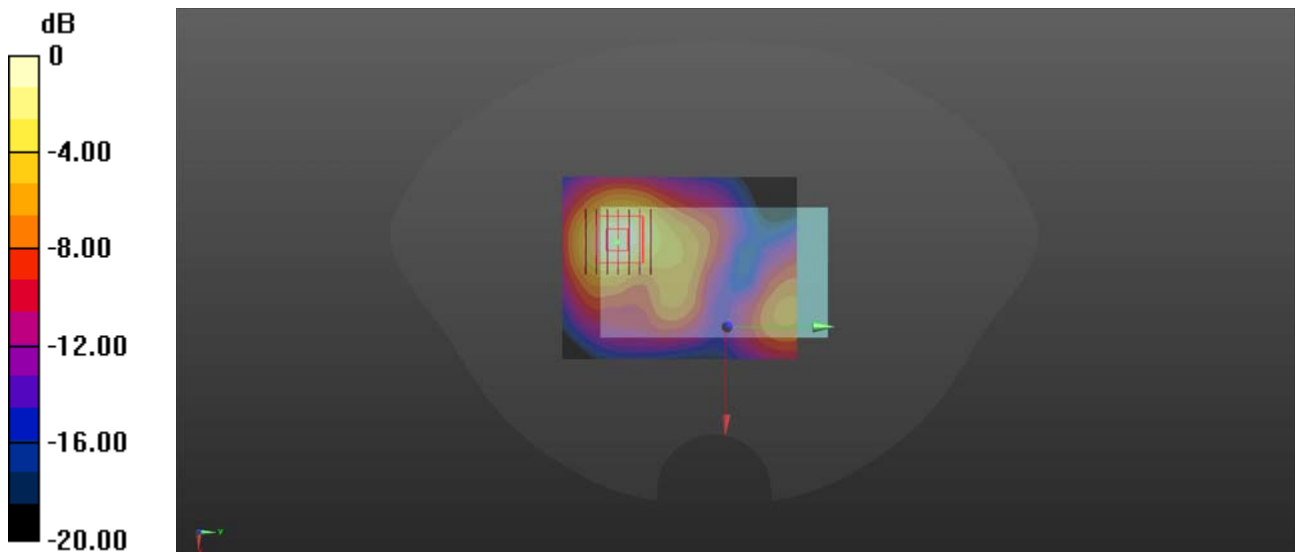
**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.016 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.967 W/kg

**SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.241 W/kg**

Maximum value of SAR (measured) = 0.727 W/kg



0 dB = 0.727 W/kg