

Appendix B

Detailed Test Results

1. GSM
GSM850 for Body
GSM1900 for Body
2. LTE
LTE Band 7 for Body

Test Laboratory: SGS-SAR Lab

MS2372h-607 GSM850 GPRS 2TS 251CH Back side 5mm

DUT: MS2372h-607; Type: LTE USB Stick; Serial: 2NU0117912000078

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 848.6 MHz; Duty Cycle: 1:4.14954

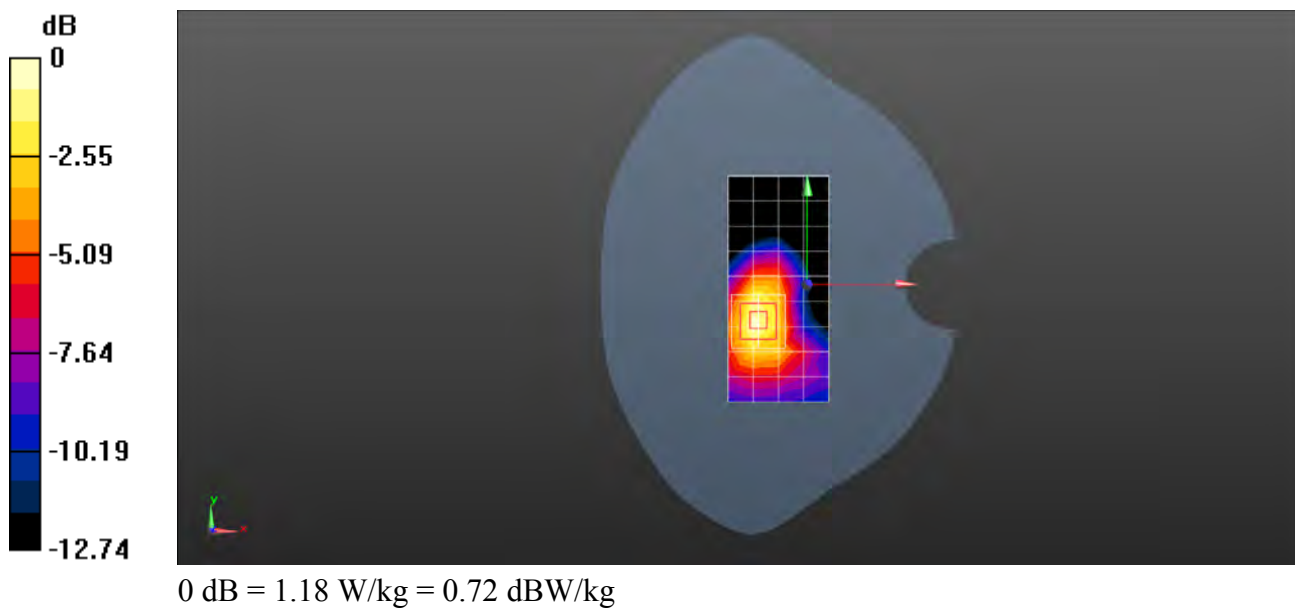
Medium: MSL835; Medium parameters used: $f = 849$ MHz; $\sigma = 0.983$ S/m; $\epsilon_r = 53.721$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.87, 9.87, 9.87); Calibrated: 2016-12-19;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017-02-23
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.10 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 20.70 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.536 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



Test Laboratory: SGS-SAR Lab

MS2372h-607 GSM1900 GPRS 2TS 661CH Back side 5mm

DUT: MS2372h-607; Type: LTE USB Stick; Serial: 2NU0117912000078

Communication System: UID 0, GPRS/EGPRS Mode(2up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:4.14954

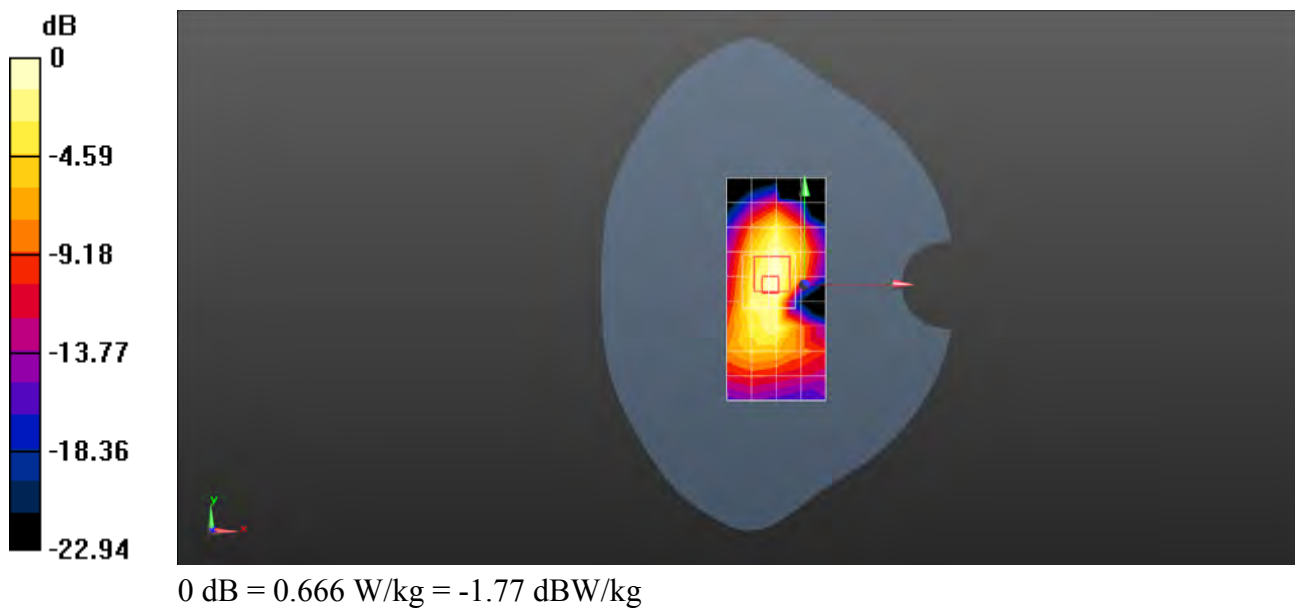
Medium: MSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.494$ S/m; $\epsilon_r = 52.199$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.82, 7.82, 7.82); Calibrated: 2016-12-19;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017-02-23
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.634 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 18.79 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.904 W/kg
SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.281 W/kg
Maximum value of SAR (measured) = 0.666 W/kg



Test Laboratory: SGS-SAR Lab

MS2372h-607 LTE Band 7 20M bandwidth QPSK 1RB0 offset 21350CH Right side-repeated 5mm

DUT: MS2372h-607; Type: LTE USB Stick; Serial: 2NU0117912000078

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 2.128$ S/m; $\epsilon_r = 53.444$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.26, 7.26, 7.26); Calibrated: 2016-12-19;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017-02-23
- Phantom: SAM 1; Type: SAM V4.0; Serial: TP-1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.10 W/kg

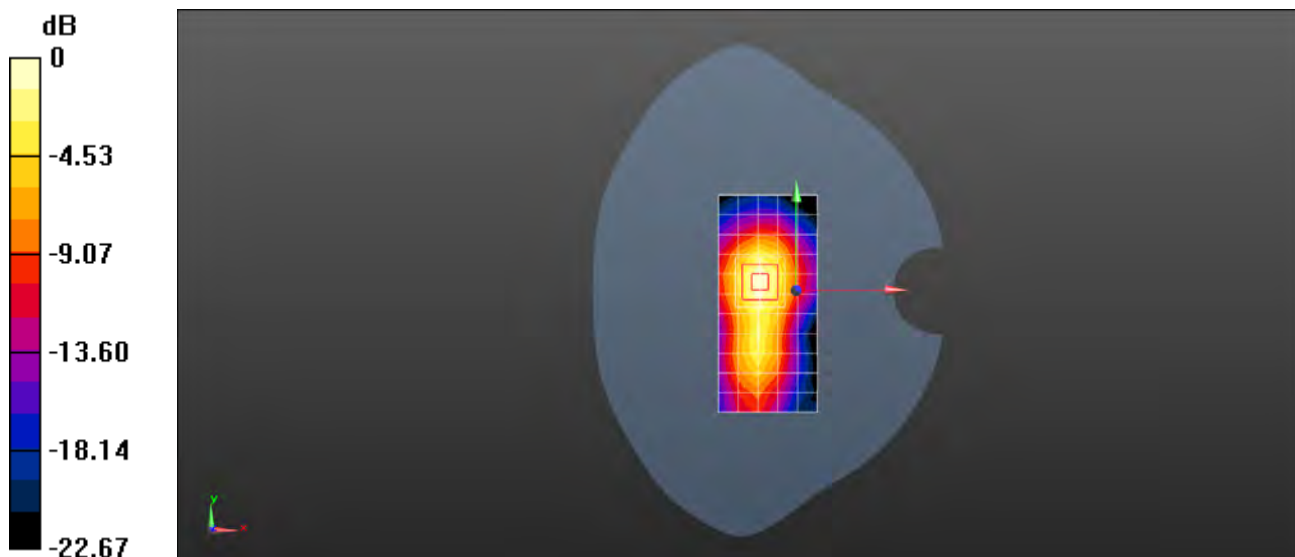
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.99 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.406 W/kg

Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg