

Appendix B:SAR Measurement results Plots

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GSM850-Body
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Test Laboratory: CTI SAR Lab

WisePad 2 Plus GSM850 GPRS 4TS 128CH Back Side 15mm

DUT: WisePad 2 Plus; Type: WISEPAD2PLUS; Serial: NA

Communication System: UID 0, GPRS 4TS (0); Communication System Band: GSM850 GPRS 4TS; Frequency: 824.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.973$ S/m; $\epsilon_r = 53.578$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3801; ConvF(8.74, 8.74, 8.74); Calibrated: 6/29/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 2/26/2016
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.28 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

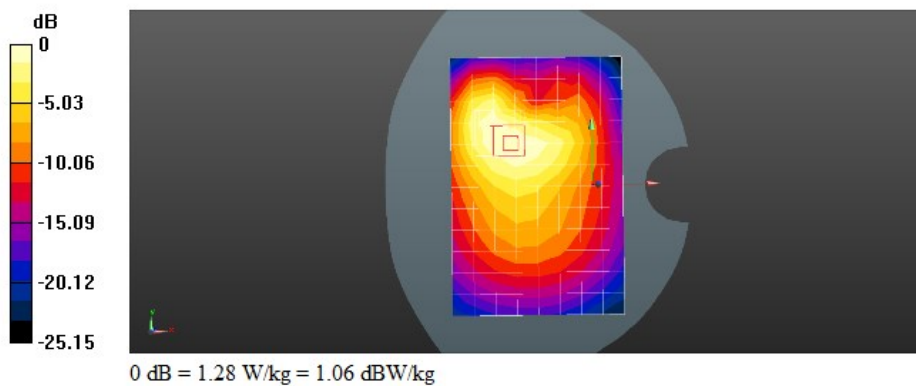
Reference Value = 20.31 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.719 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.29 W/kg



Test Laboratory: CTI SAR Lab

WisePad 2 Plus GSM1900 GPRS 4TS 810CH Back Side 15mm

DUT: WisePad 2 Plus; Type: WISEPAD2PLUS; Serial: NA

Communication System: UID 0, GPRS 4TS (0); Communication System Band: GSM1900 GPRS 4TS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.483$ S/m; $\epsilon_r = 51.582$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.14, 7.14, 7.14); Calibrated: 6/29/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 2/26/2016
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.18 W/kg

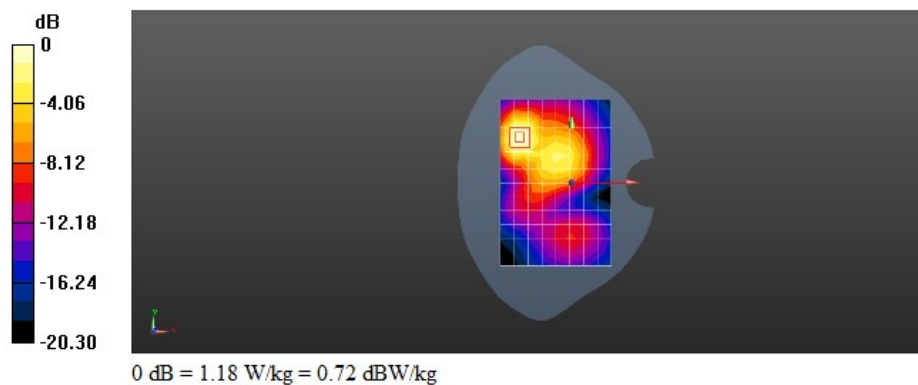
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.77 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.610 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



Test Laboratory: CTI SAR Lab

WisePad 2 Plus WiFi 802.11b 11CH Left Side with Zoom 15mm

DUT: WisePad 2 Plus; Type: WISEPAD2PLUS; Serial: NA

Communication System: UID 0, WiFi 802.11 a/b/g/n/ac (0); Communication System Band: WiFi; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 51.25$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.88, 6.88, 6.88); Calibrated: 6/29/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 2/26/2016
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.113 W/kg

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

Reference Value = 7.042 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.132 W/kg

