

Appendix B:SAR Measurement results Plots

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GSM850-Body
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Test Laboratory: CTI SAR Lab

WisePad 2 GSM850 GPRS 4TS 251CH Back Side 15mm

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

Communication System: UID 0, GPRS 4TS (0); Communication System Band: GSM850 GPRS 4TS; Frequency: 848.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used: $f = 849$ MHz; $\sigma = 0.979$ S/m; $\epsilon_r = 53.429$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(9.67, 9.67, 9.67); Calibrated: 2/19/2016;
- 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 (9x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.13 W/kg

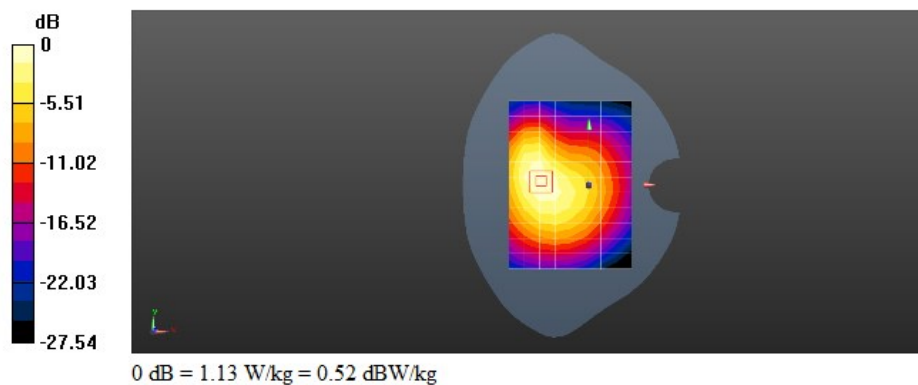
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.34 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.638 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



Test Laboratory: CTI SAR Lab

WisePad 2 GSM1900 GPRS 4TS 661CH Back Side 15mm

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

Communication System: UID 0, GPRS 4TS (0); Communication System Band: GSM1900 GPRS 4TS; Frequency: 1880 MHz; Duty Cycle: 1:2.0797

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.481$ S/m; $\epsilon_r = 51.051$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.8, 7.8, 7.8); Calibrated: 2/19/2016;
- 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 (9x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.588 W/kg

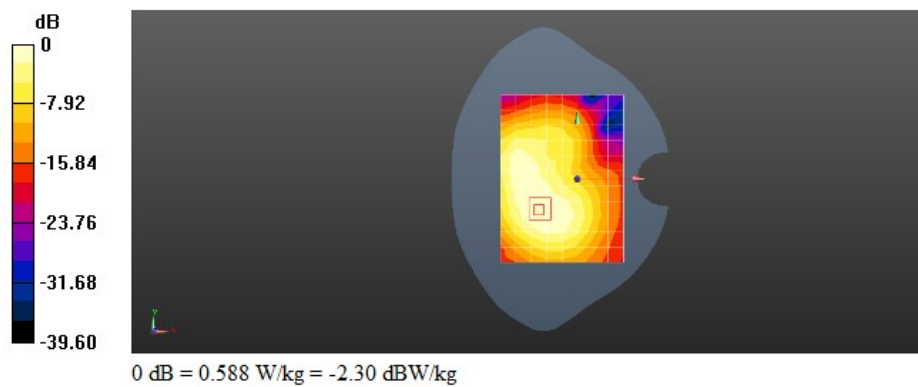
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.876 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.771 W/kg

SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.336 W/kg

Maximum value of SAR (measured) = 0.653 W/kg



Test Laboratory: CTI SAR Lab

WisePad 2 WiFi 802.11b 6CH Left Side 15mm with Zoom

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

Communication System: UID 0, WiFi 802.11 b/g/n (0); Communication System Band: WiFi; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.962$ S/m; $\epsilon_r = 51.192$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.45, 7.45, 7.45); Calibrated: 2/19/2016;
- 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 (10x13x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0995 W/kg

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

Reference Value = 4.687 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.104 W/kg

