

Appendix B:SAR Measurement results Plots

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Test Laboratory: CTI SAR Lab

WPPC23 GSM850 GPRS 4TS 190CH Right Side 0mm

DUT: WisePad 2 Plus; Type: WPPC23; Serial: NA

Communication System: UID 0, GPRS 4TS (0); Communication System Band: GSM850 GPRS 4TS; Frequency: 836.6 MHz; Duty Cycle: 1:2.0797

Medium parameters used: $f = 837$ MHz; $\sigma = 0.963$ S/m; $\epsilon_r = 54.385$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(10.19, 10.19, 10.19); Calibrated: 2/28/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 2/22/2017
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.61 W/kg

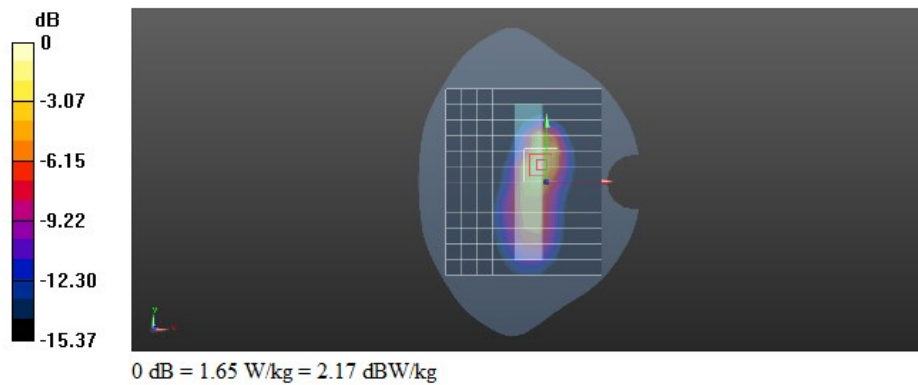
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.64 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.633 W/kg

Maximum value of SAR (measured) = 1.65 W/kg



Test Laboratory: CTI SAR Lab

WPPC23 GSM1900 GPRS 4TS 661CH Right Side 0mm

DUT: WisePad 2 Plus; Type: WPPC23; 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; $\sigma = 1.469$ S/m; $\epsilon_r = 51.392$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.02, 8.02, 8.02); Calibrated: 2/28/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 2/22/2017
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 6.34 W/kg

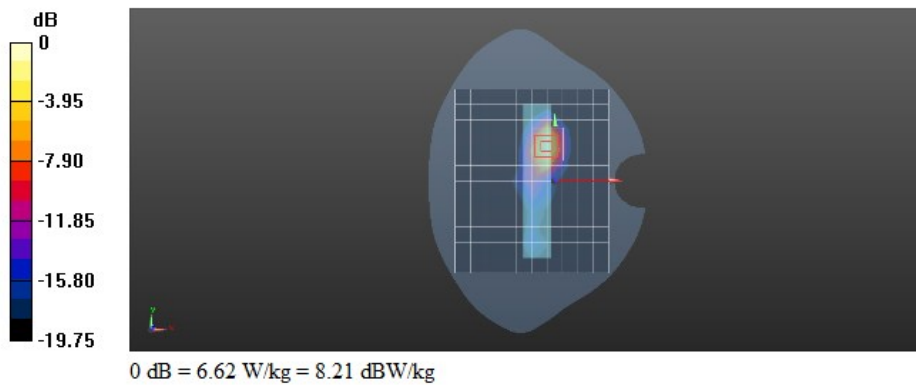
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.59 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 8.46 W/kg

SAR(1 g) = 4.46 W/kg; SAR(10 g) = 2.12 W/kg

Maximum value of SAR (measured) = 6.62 W/kg



Test Laboratory: CTI SAR Lab

WPPC23 UMTS Band V 4182CH Right Side 0mm

DUT: WisePad 2 Plus; Type: WPPC23; Serial: NA

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Communication System Band: Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.964$ S/m; $\epsilon_r = 54.37$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(10.19, 10.19, 10.19); Calibrated: 2/28/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 2/22/2017
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.617 W/kg

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

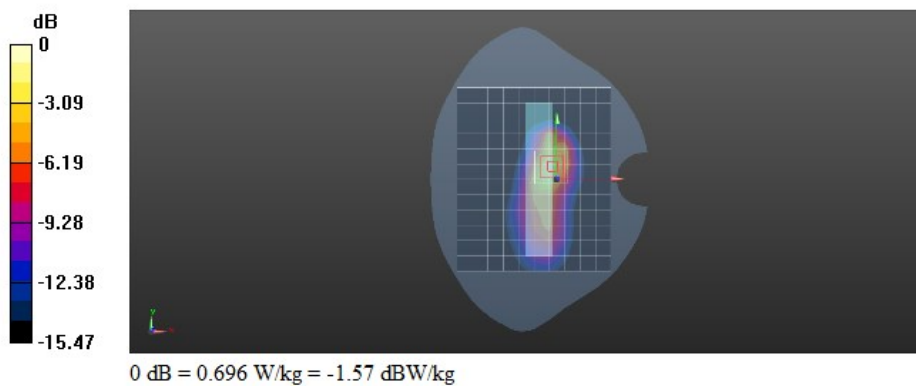
Reference Value = 17.94 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.261 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.696 W/kg



Test Laboratory: CTI SAR Lab

WPPC23 UMTS Band II 9400CH Right Side 0mm

DUT: WisePad 2 Plus; Type: WPPC23; Serial: NA

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Communication System Band: Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.469$ S/m; $\epsilon_r = 51.392$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(8.02, 8.02, 8.02); Calibrated: 2/28/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 2/22/2017
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 4.48 W/kg

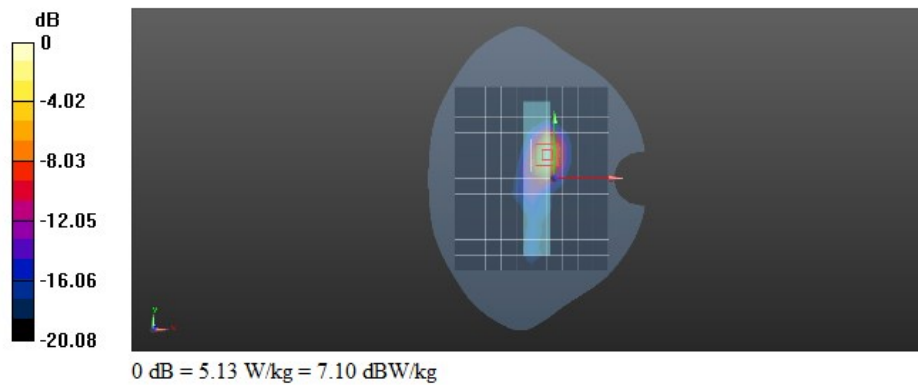
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.71 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 6.52 W/kg

SAR(1 g) = 3.43 W/kg; SAR(10 g) = 1.62 W/kg

Maximum value of SAR (measured) = 5.13 W/kg



Test Laboratory: CTI SAR Lab

WPPC23 WiFi 802.11b 6CH Left Side with Zomm 0mm

DUT: WisePad 2 Plus; Type: WPPC23; Serial: NA

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.933$ S/m; $\epsilon_r = 51.397$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7328; ConvF(7.61, 7.61, 7.61); Calibrated: 2/28/2017;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1458; Calibrated: 2/22/2017
- Phantom: Twin SAM V5.0; Type: QD000P40CD; Serial: 1875
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (14x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.960 W/kg

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

Reference Value = 5.345 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.333 W/kg

Maximum value of SAR (measured) = 1.35 W/kg

