



Appendix B. SAR Measurement Plots

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WiFi 2450 MHz Body

Test Laboratory: HUAWEI SAR/HAC Lab

S10-231w WiFi 802.11b 1CH Back Side 0mm

DUT: S10-231w; Type: HUAWEI MediaPad 10 LINK+; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 51.769$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.25, 4.25, 4.25); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (10x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.58 W/kg

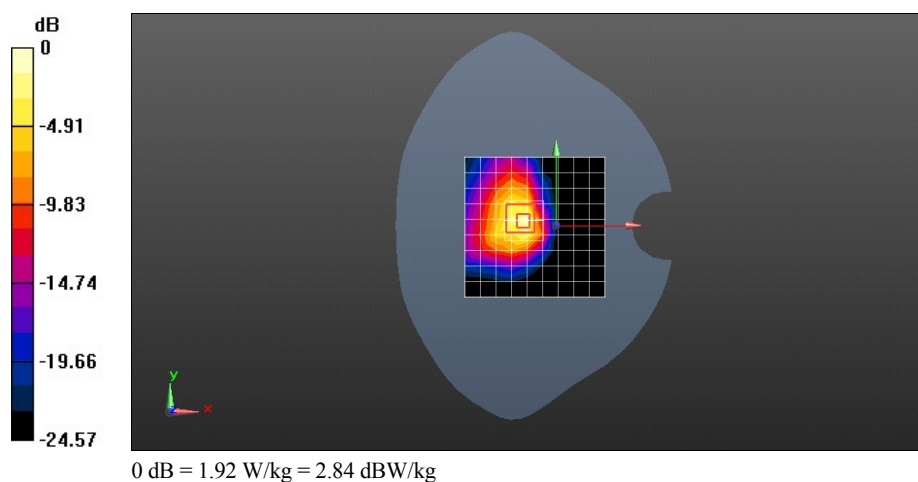
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 21.797 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.94 W/kg

SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.538 W/kg

Maximum value of SAR (measured) = 1.92 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

S10-231w WiFi 802.11b 6CH Back Side 0mm

DUT: S10-231w; Type: HUAWEI MediaPad 10 LINK+; Serial: SAR1

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 2.019$ S/m; $\epsilon_r = 51.71$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.25, 4.25, 4.25); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.52 W/kg

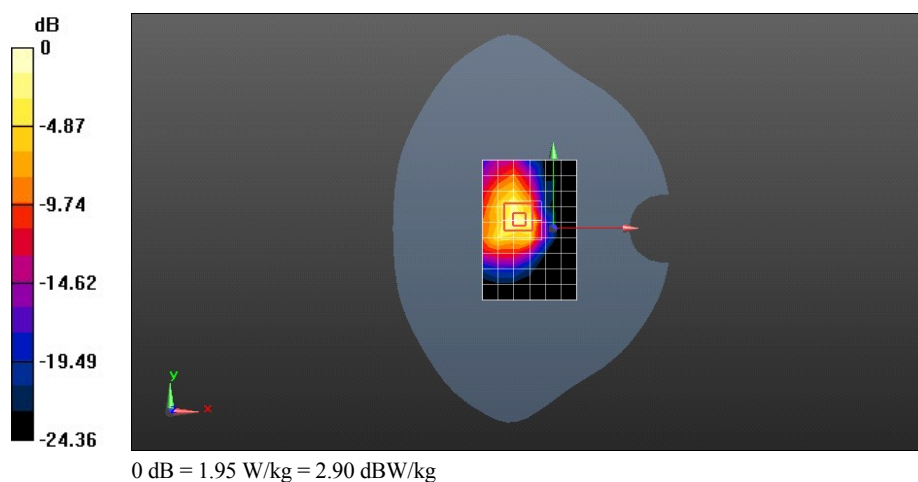
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.602 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 3.89 W/kg

SAR(1 g) = 1.4 W/kg; SAR(10 g) = 0.542 W/kg

Maximum value of SAR (measured) = 1.95 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

S10-231w WiFi 802.11b 6CH Back Side 0mm-repeated

DUT: S10-231w; Type: HUAWEI MediaPad 10 LINK+; Serial: SAR1

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 2.019$ S/m; $\epsilon_r = 51.71$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.25, 4.25, 4.25); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.59 W/kg

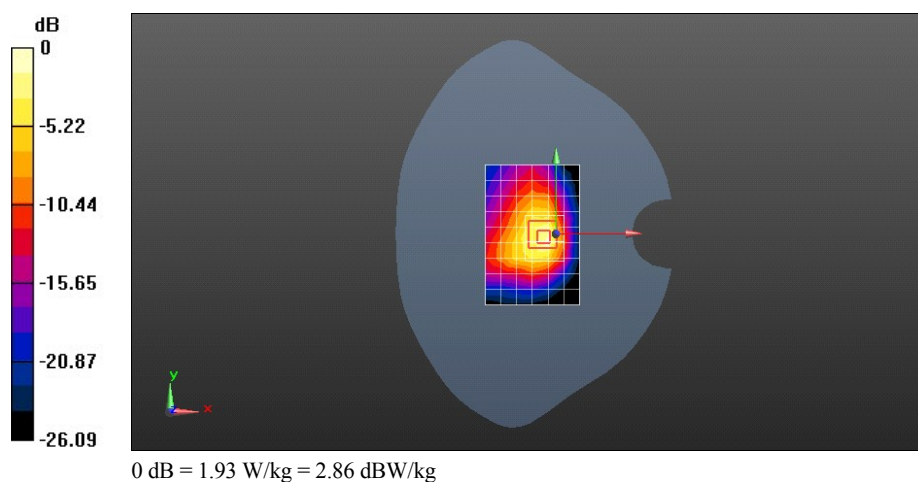
Configuration/Body/Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 21.752 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 3.94 W/kg

SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.551 W/kg

Maximum value of SAR (measured) = 1.93 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

S10-231w WiFi 802.11b 11CH Back Side 0mm

DUT: S10-231w; Type: HUAWEI MediaPad 10 LINK+; Serial: SAR1

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.043$ S/m; $\epsilon_r = 51.633$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.25, 4.25, 4.25); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (7x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.58 W/kg

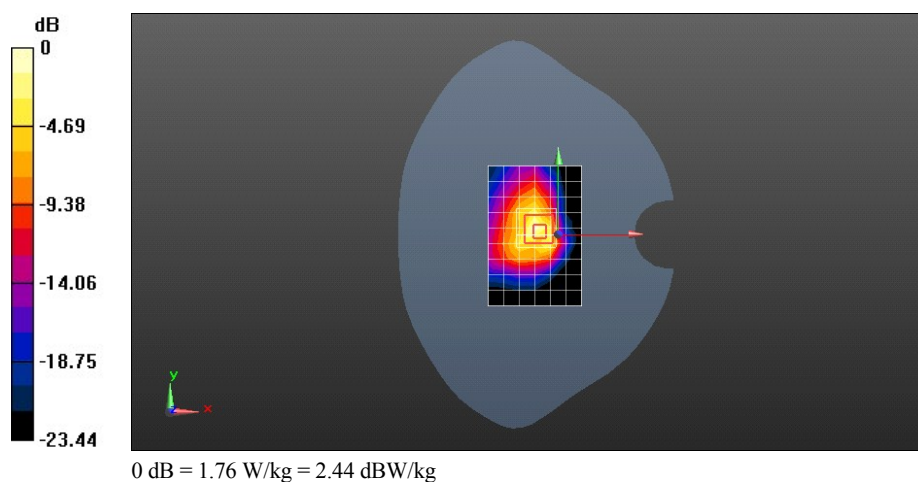
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 25.053 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.48 W/kg

SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.492 W/kg

Maximum value of SAR (measured) = 1.76 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

S10-231w WiFi 802.11b 1CH Left Side 0mm

DUT: S10-231w; Type: HUAWEI MediaPad 10 LINK+; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 51.769$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.25, 4.25, 4.25); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

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

Maximum value of SAR (measured) = 0.251 W/kg

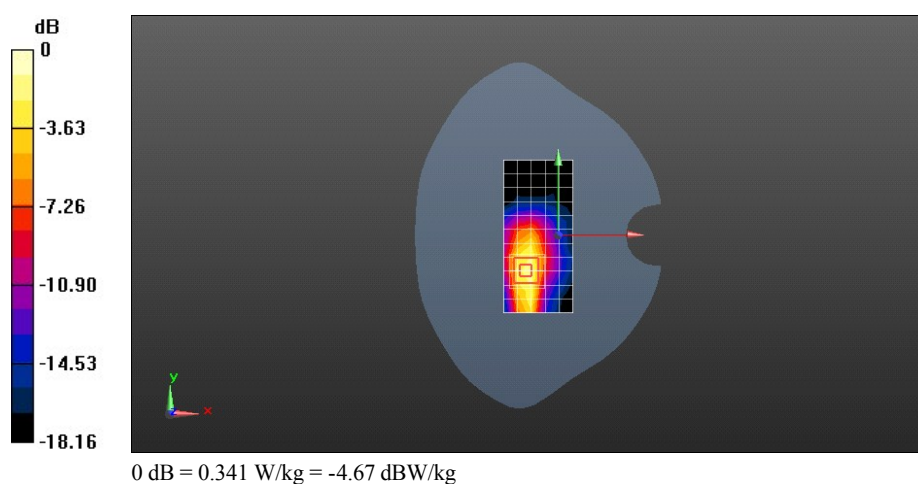
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.458 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.586 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (measured) = 0.341 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

S10-231w WiFi 802.11b 1CH Top Side 0mm

DUT: S10-231w; Type: HUAWEI MediaPad 10 LINK+; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 51.769$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.25, 4.25, 4.25); Calibrated: 2013-9-30;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn852; Calibrated: 2013-11-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Body/Area Scan (6x10x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.491 W/kg

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

Reference Value = 8.030 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 0.731 W/kg

