



Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

T1-821L WIFI 2.4G 802.11b 11CH Left Hand Tilted 15 degree

DUT: T1-821L; Type: HUAWEI MediaPad T1 8.0 Pro; Serial: SAR2

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

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.814$ S/m; $\epsilon_r = 39.664$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.55, 7.55, 7.55); Calibrated: 2014-3-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (14x22x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0170 W/kg

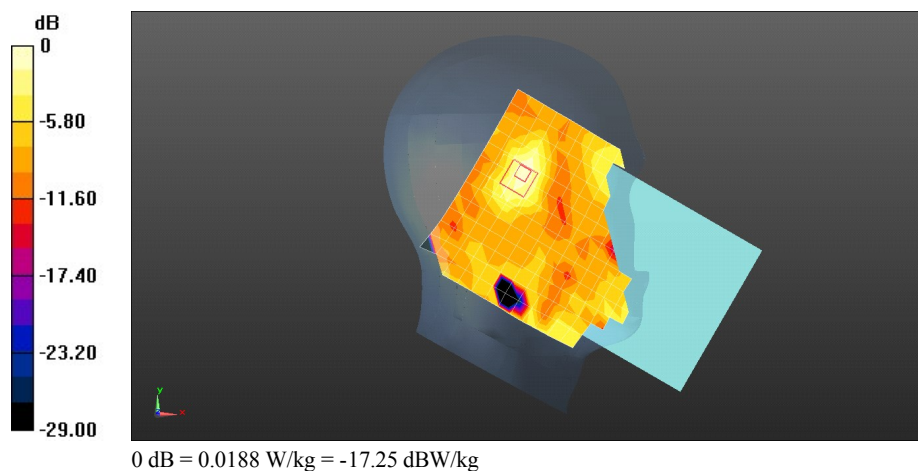
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.910 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0470 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00529 W/kg

Maximum value of SAR (measured) = 0.0188 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

T1-821L WIFI 2.4G 802.11b 6CH Back side 0mm

DUT: T1-821L; Type: HUAWEI MediaPad T1 8.0 Pro; Serial: SAR2

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

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.969$ S/m; $\epsilon_r = 50.393$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.49, 7.49, 7.49); Calibrated: 2014-3-10;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (12x20x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

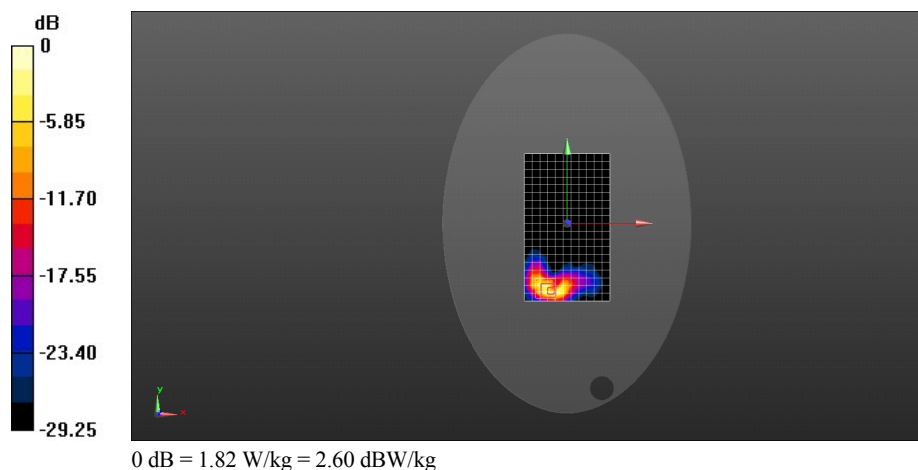
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.8800 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.55 W/kg

SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.482 W/kg

Maximum value of SAR (measured) = 1.82 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

T1-821L WiFi 802.11a 48CH Left hand touch cheek

DUT: T1-821L; Type: HUAWEI MediaPad T1 8.0 Pro; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5240 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5240$ MHz; $\sigma = 4.609$ S/m; $\epsilon_r = 37.416$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(5.52, 5.52, 5.52); Calibrated: 2014-3-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: SAM4; Type: SAM; Serial: TP-1620
- DASY52 52.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (17x25x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0455 W/kg

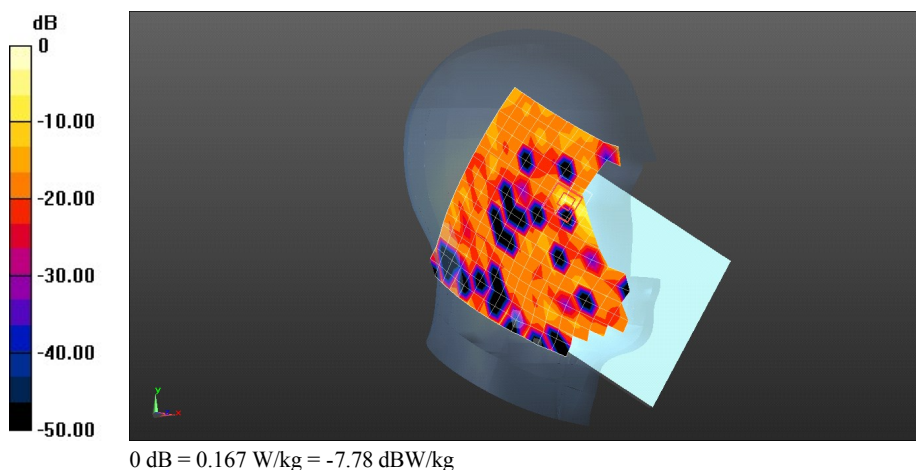
Configuration/Head/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 0.8620 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 126 W/kg

SAR(1 g) = 0.00988 W/kg; SAR(10 g) = 0.00116 W/kg

Maximum value of SAR (measured) = 0.167 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

T1-821L WiFi 802.11a 140CH Left Side 0mm

DUT: T1-821L; Type: HUAWEI MediaPad T1 8.0 Pro; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5700$ MHz; $\sigma = 5.78$ S/m; $\epsilon_r = 49.35$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(4.22, 4.22, 4.22); Calibrated: 2014-3-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x15x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 3.55 W/kg

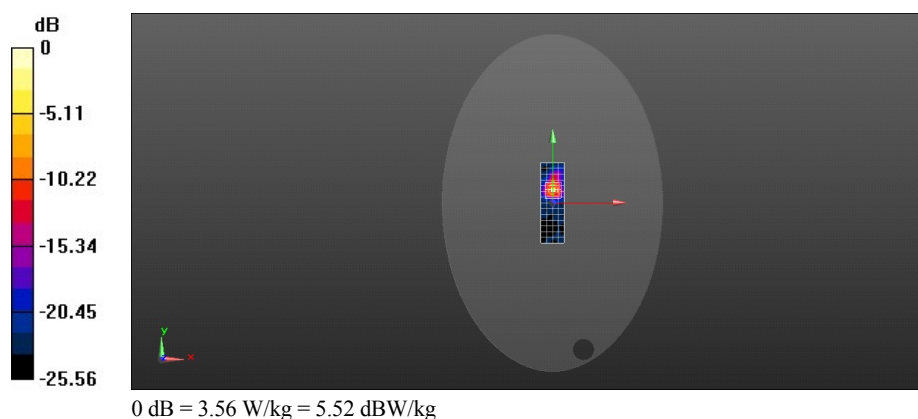
Configuration/Body/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 1.830 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 7.58 W/kg

SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 3.56 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

T1-821L WiFi 802.11a 108CH Left Side 0mm

DUT: T1-821L; Type: HUAWEI MediaPad T1 8.0 Pro; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5540 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5540$ MHz; $\sigma = 5.523$ S/m; $\epsilon_r = 49.669$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(4.25, 4.25, 4.25); Calibrated: 2014-3-10;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE4 Sn852; Calibrated: 2014-4-30
- Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x15x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.67 W/kg

Configuration/Body/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 1.511 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 5.47 W/kg

SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 2.71 W/kg

