



Appendix B. SAR Measurement Plots

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WiFi	802.11b Body

Test Laboratory: HUAWEI SAR Lab

S10-101u WiFi 11b 1CH Rear side 0mm

DUT: S10-101w; Type: HUAWEI MediaPad 10 FHD; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2422 MHz

Medium parameters used: $f = 2422$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.064$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.19, 4.19, 4.19); Calibrated: 9/27/2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 3/28/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.725 mW/g

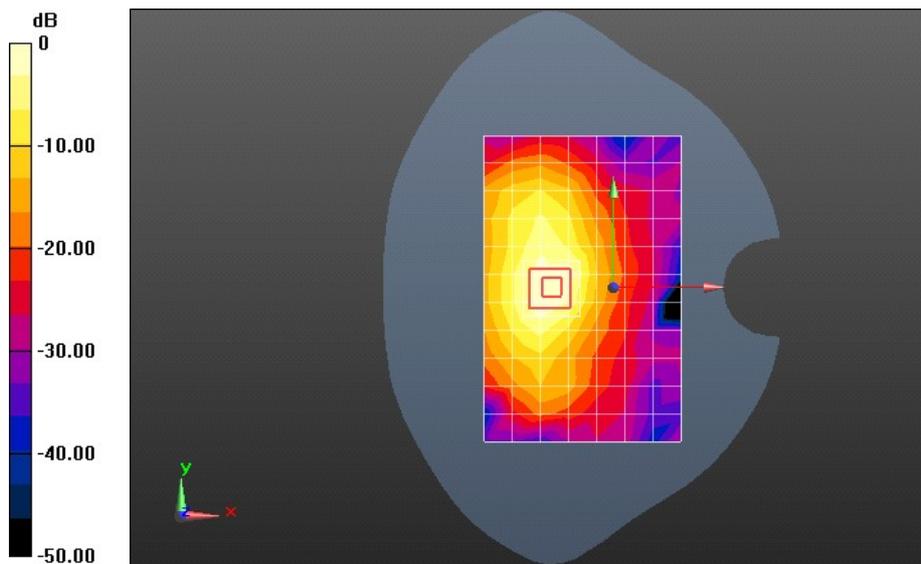
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.463 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 3.031 mW/g

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.415 mW/g

Maximum value of SAR (measured) = 1.29 mW/g



0 dB = 0.725 mW/g = -2.80 dB mW/g

Test Laboratory: HUAWEI SAR Lab

S10-101u WiFi 11b 6CH Rear side 0mm

DUT: S10-101w; Type: HUAWEI MediaPad 10 FHD; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2437 MHz

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 52.025$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.19, 4.19, 4.19); Calibrated: 9/27/2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 3/28/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.876 mW/g

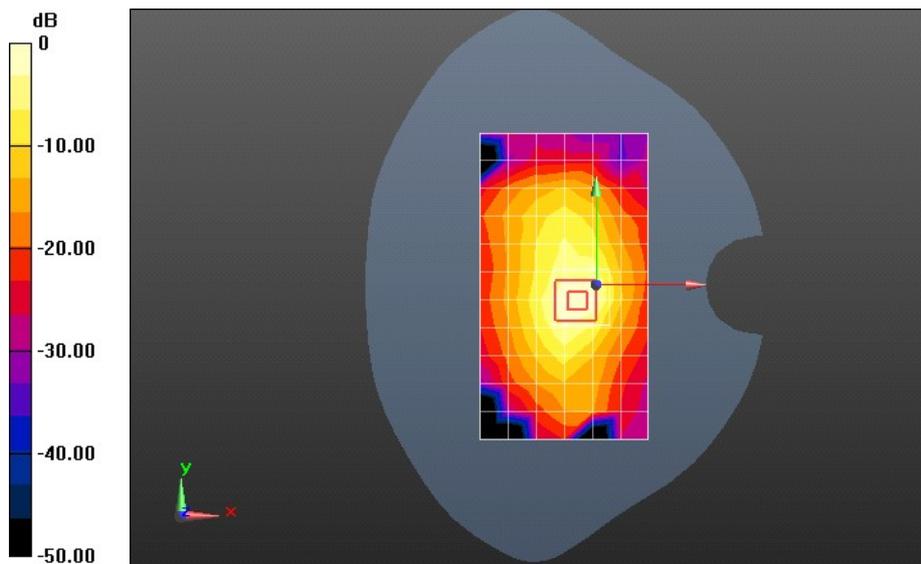
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.628 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.010 mW/g

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.417 mW/g

Maximum value of SAR (measured) = 1.27 mW/g



0 dB = 0.876 mW/g = -1.15 dB mW/g

Test Laboratory: HUAWEI SAR Lab

S10-101w WiFi 11b 11CH Rear side 0mm

DUT: S10-101w; Type: HUAWEI MediaPad 10 FHD; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2462 MHz

Medium parameters used: $f = 2462$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 51.951$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.19, 4.19, 4.19); Calibrated: 9/27/2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 3/28/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (8x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.21 mW/g

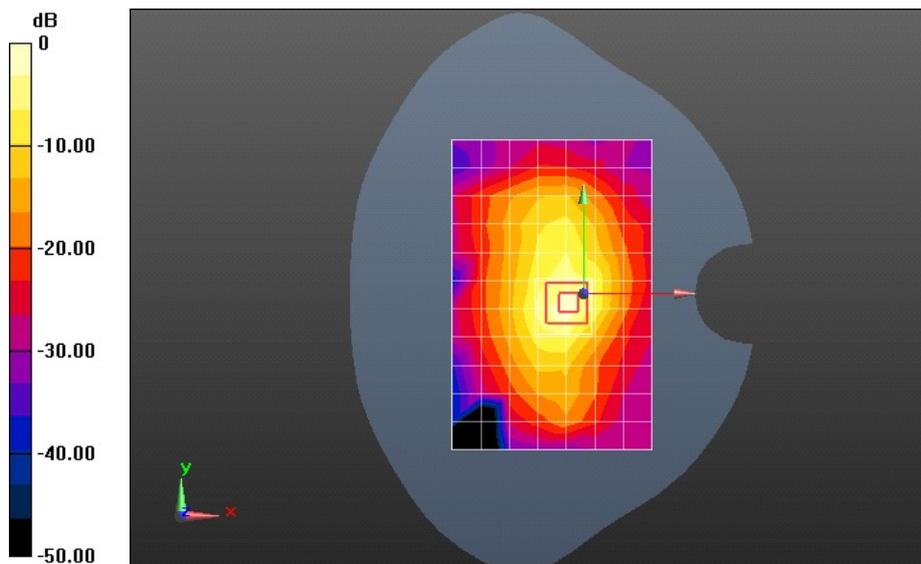
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 17.785 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.296 mW/g

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.440 mW/g

Maximum value of SAR (measured) = 1.27 mW/g



0 dB = 1.21 mW/g = 1.65 dB mW/g

Test Laboratory: HUAWEI SAR Lab

S10-101w WiFi 11b 11CH Right side 0mm

DUT: S10-101w; Type: HUAWEI MediaPad 10 FHD; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2462 MHz

Medium parameters used: $f = 2462$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 51.951$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.19, 4.19, 4.19); Calibrated: 9/27/2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 3/28/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (6x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0950 mW/g

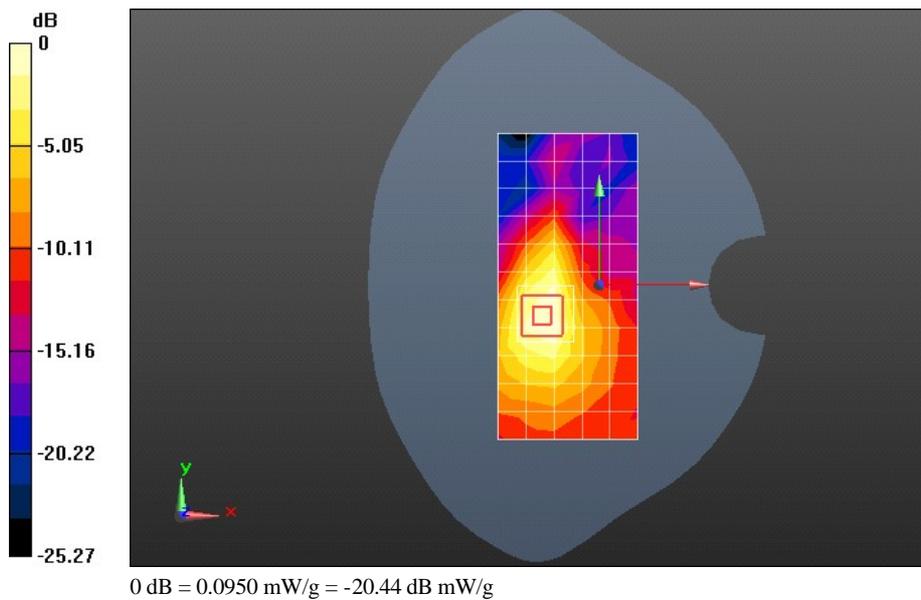
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.454 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.321 mW/g

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.145 mW/g



Test Laboratory: HUAWEI SAR Lab

S10-101w WiFi 11b 11CH Top side 0mm

DUT: S10-101w; Type: HUAWEI MediaPad 10 FHD; Serial: SAR1

Communication System: WiFi(802.11b/g/n); Frequency: 2462 MHz

Medium parameters used: $f = 2462$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 51.951$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: ES3DV3 - SN3168; ConvF(4.19, 4.19, 4.19); Calibrated: 9/27/2011;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 2.0, 32.0$
- Electronics: DAE4 Sn1236; Calibrated: 3/28/2012
- Phantom: SAM3; Type: SAM; Serial: TP-1597
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Configuration/Body/Area Scan (6x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.480 mW/g

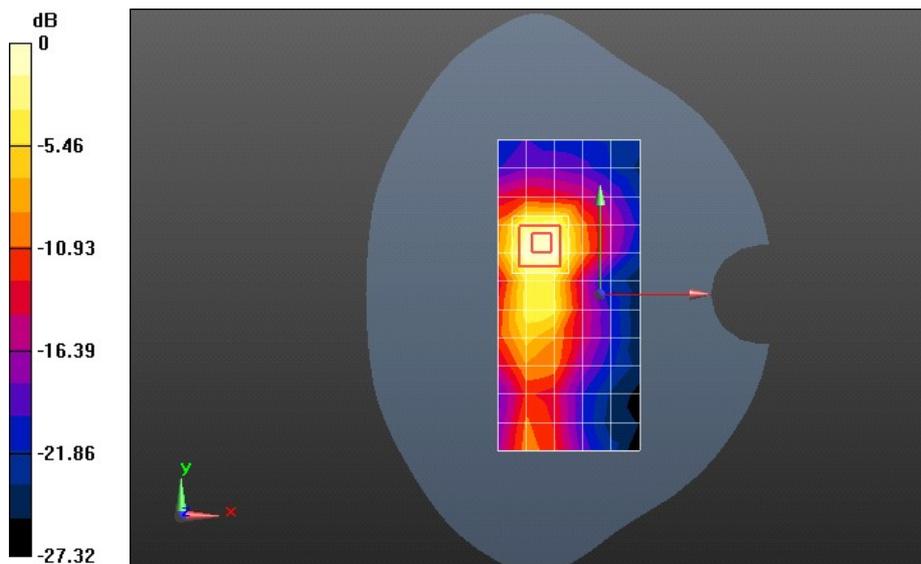
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.505 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.548 mW/g

SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 0.786 mW/g



0 dB = 0.480 mW/g = -6.37 dB mW/g