

Appendix B. MEASUREMENT SCANS

Date: 2017.03.30.

Wi-Fi 802.11b Body Rear Low

Medium: MSL2450

Communication System: 802.11b /g/n; Communication System Band: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:Probe: ES3DV3 - SN3203; ConvF(4.41, 4.41, 4.41); Calibrated: 2017.01.13.;

Electronics: DAE4 Sn876; Calibrated: 2017.03.09.

802.11b/Facedown-Low/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 9.045 V/m; Power Drift = -0.06 dB

Fast SAR: SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (interpolated) = 0.178 W/kg

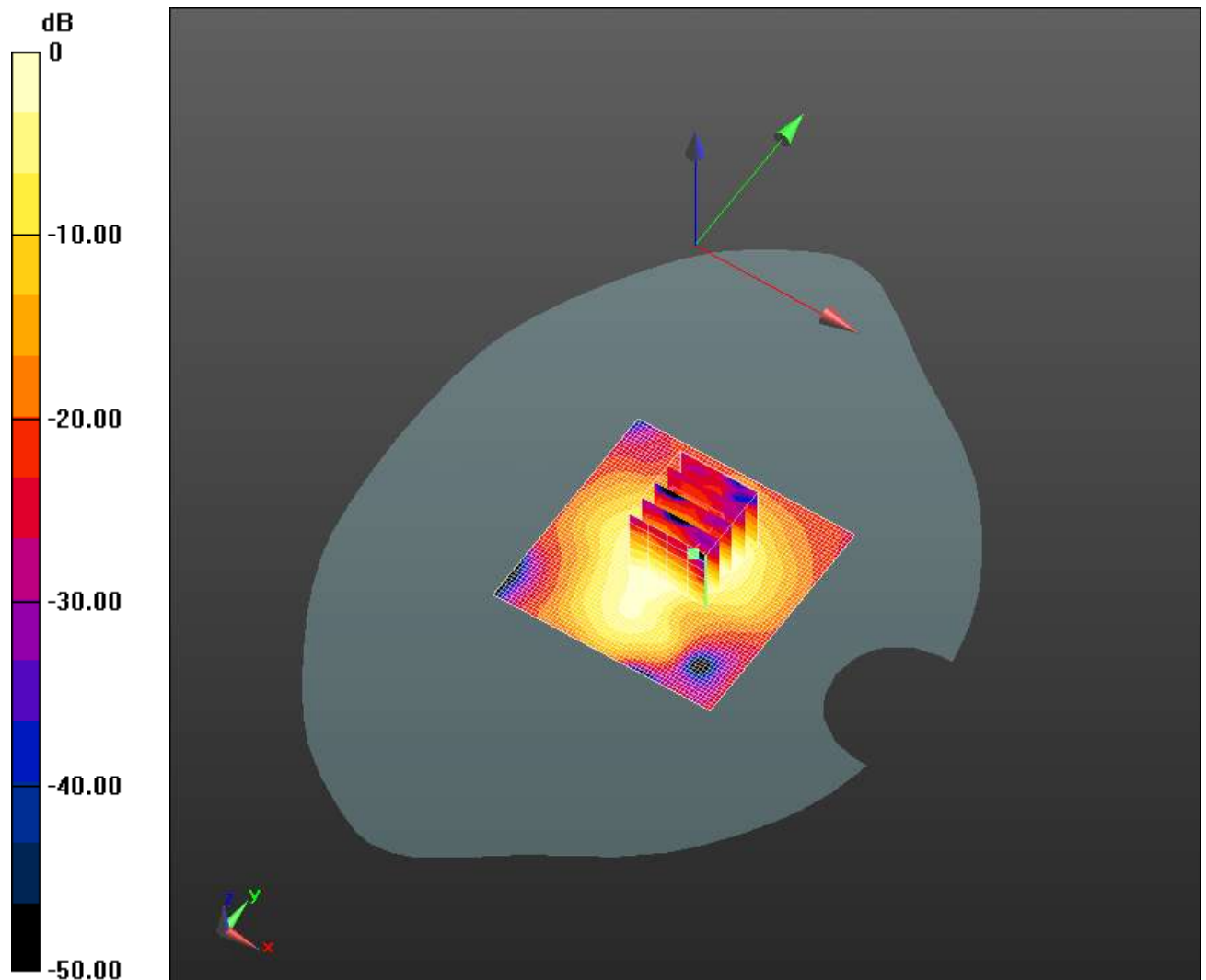
802.11b/Facedown-Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.045 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.749 mW/g

SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.184 W/kg



0 dB = 0.178 W/kg = -14.99 dB W/kg

Date: 2017.03.30.

Wi-Fi 802.11b Body Rear Mid

Medium: MSL2450

Communication System: 802.11b/g/n; Communication System Band: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.935$ mho/m; $\epsilon_r = 50.79$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(4.41, 4.41, 4.41); Calibrated: 2017.01.13.;

Electronics: DAE4 Sn876; Calibrated: 2017.03.09.

802.11b/Facedown-Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 7.801 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.076 mW/g

Maximum value of SAR (interpolated) = 0.164 W/kg

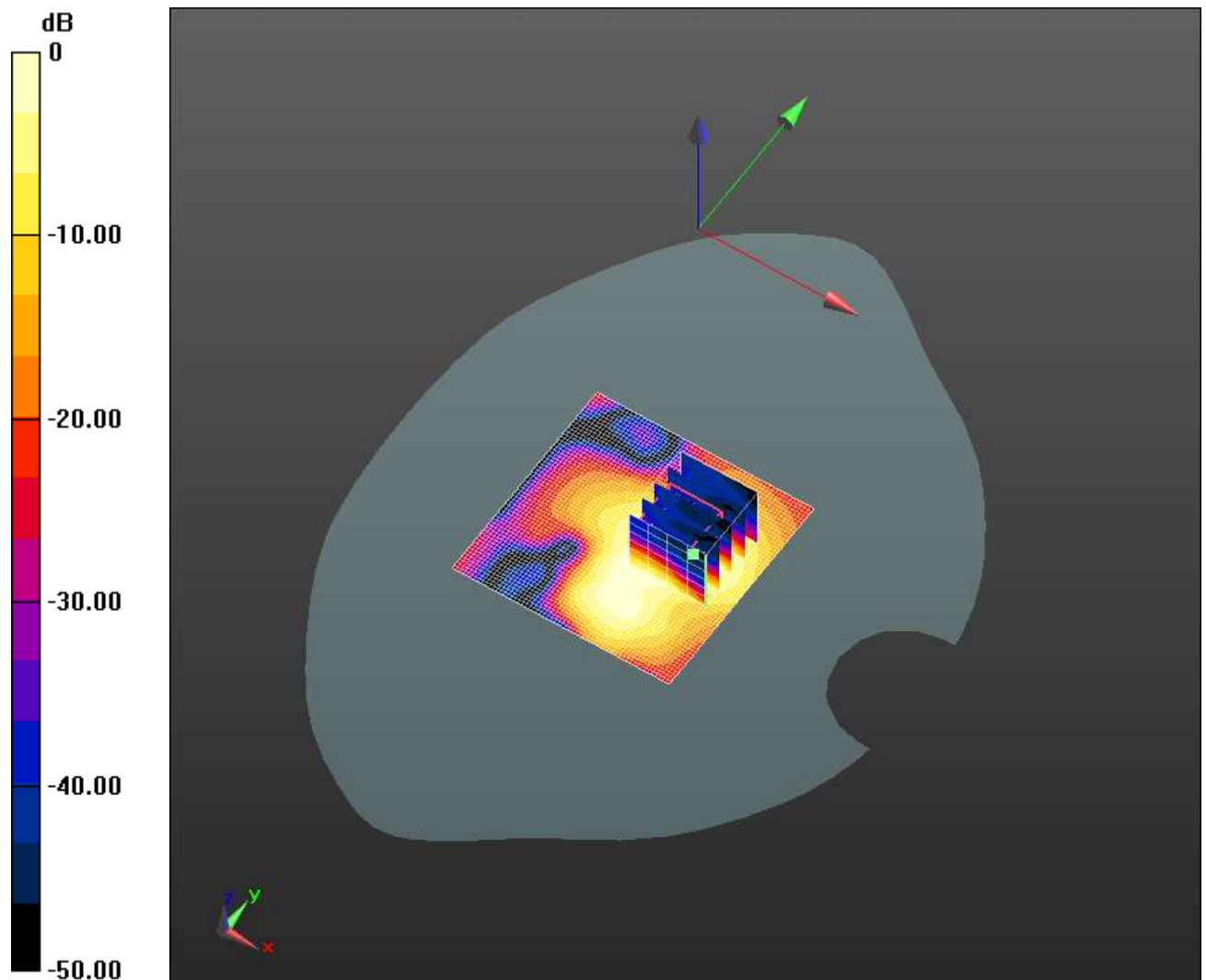
802.11b/Facedown-Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.801 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.755 mW/g

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.202 W/kg



0 dB = 0.164 W/kg = -15.70 dB W/kg

Date: 2017.03.30.

Wi-Fi 802.11b Body Rear High

Medium: MSL2450

Communication System: 802.11b/g/n; Communication System Band: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.944$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(4.41, 4.41, 4.41); Calibrated: 2017.01.13.;

Electronics: DAE4 Sn876; Calibrated: 2017.03.09.

802.11b/Face down-High/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 9.535 V/m; Power Drift = -0.10 dB

Fast SAR: SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (interpolated) = 0.276 W/kg

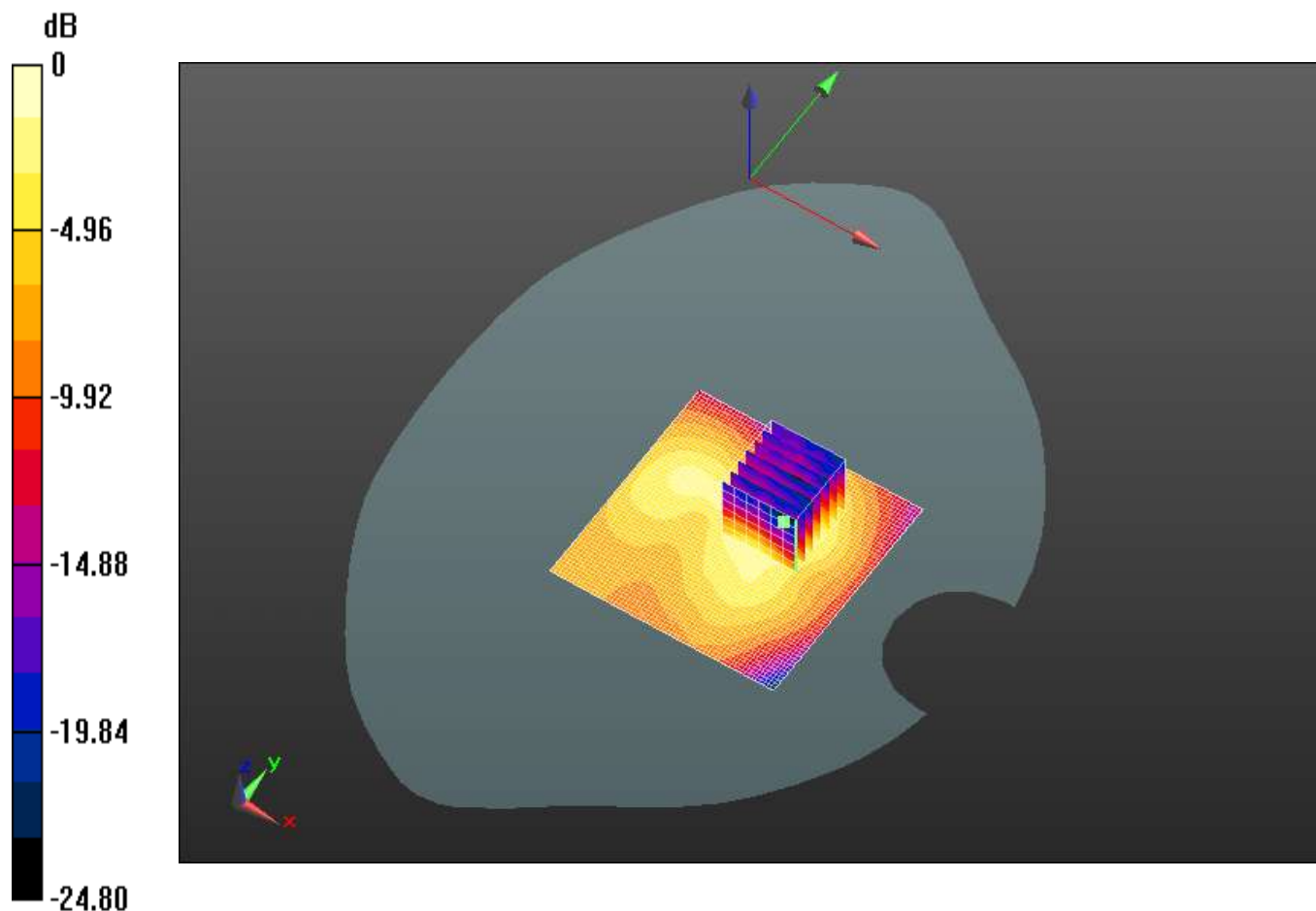
802.11b/Face down-High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.535 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.624 mW/g

SAR(1 g) = 0.198 mW/g. ; SAR(10 g) = 0.064 mW/g..

Maximum value of SAR (measured) = 0.201 W/kg



0 dB = 0.276 W/kg = -11.19 dB W/kg