

#01_WLAN2.4G_802.11b_Bottom Face_0cm_Ch11

DUT: 292614

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL_2450_121010 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.2$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch11/Area Scan (111x161x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.393 mW/g

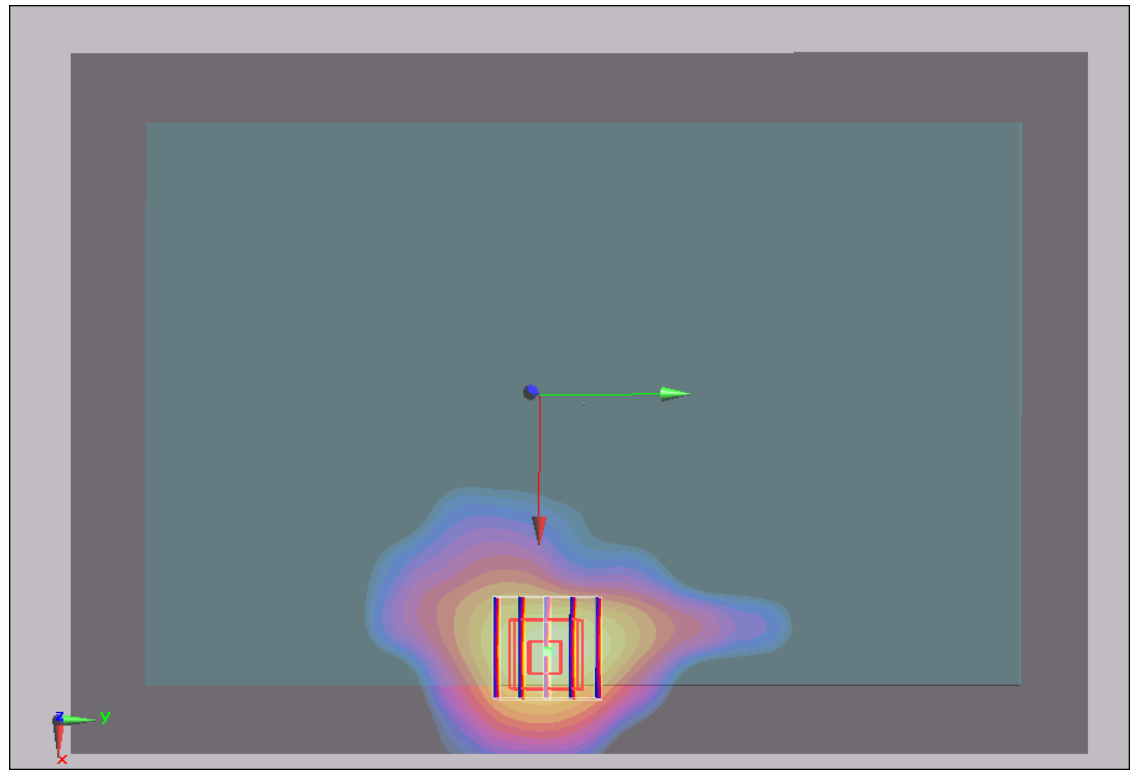
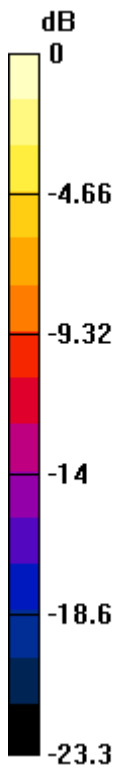
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.398 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 0.547 mW/g



0 dB = 0.547mW/g

#01_WLAN2.4G_802.11b_Bottom Face_0cm_Ch11_2D

DUT: 292614

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL_2450_121010 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.2$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch11/Area Scan (111x161x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.393 mW/g

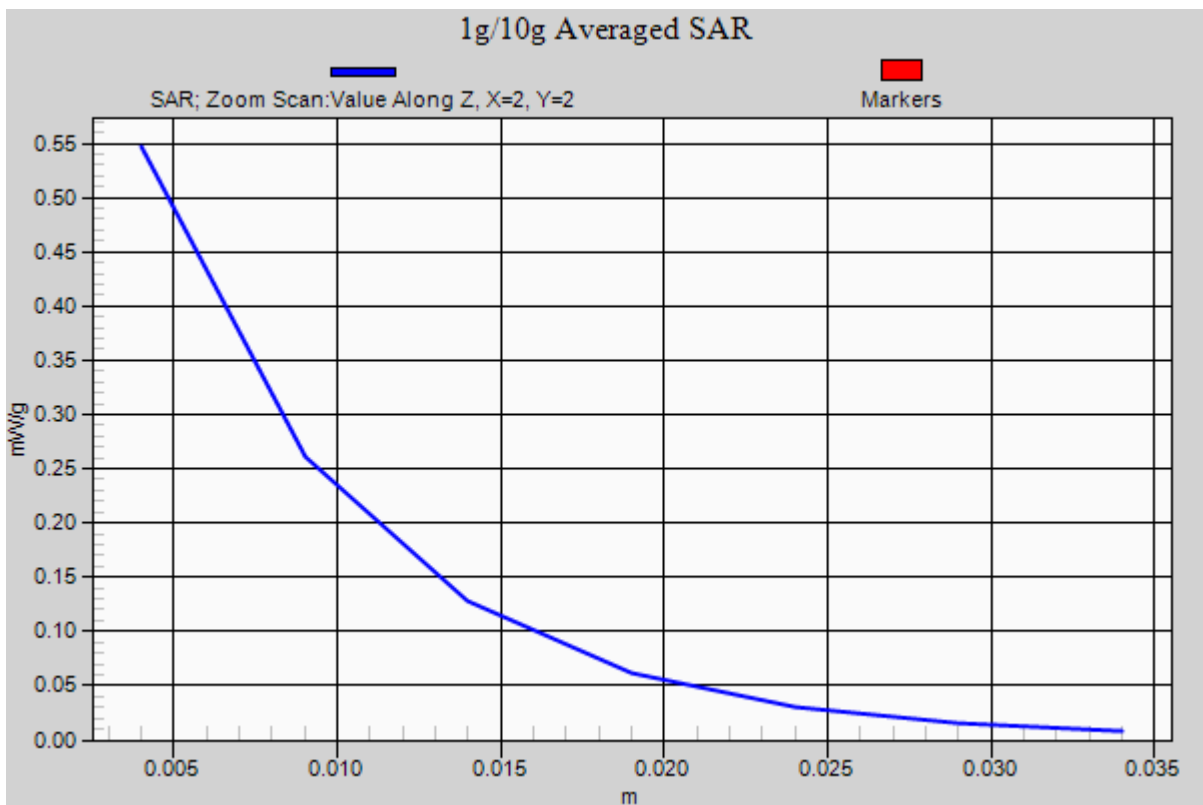
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.398 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 0.547 mW/g



#02_WLAN2.4G_802.11b_Edge 1_0cm_Ch11

DUT: 292614

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL_2450_121010 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.2$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch11/Area Scan (31x161x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.240 mW/g

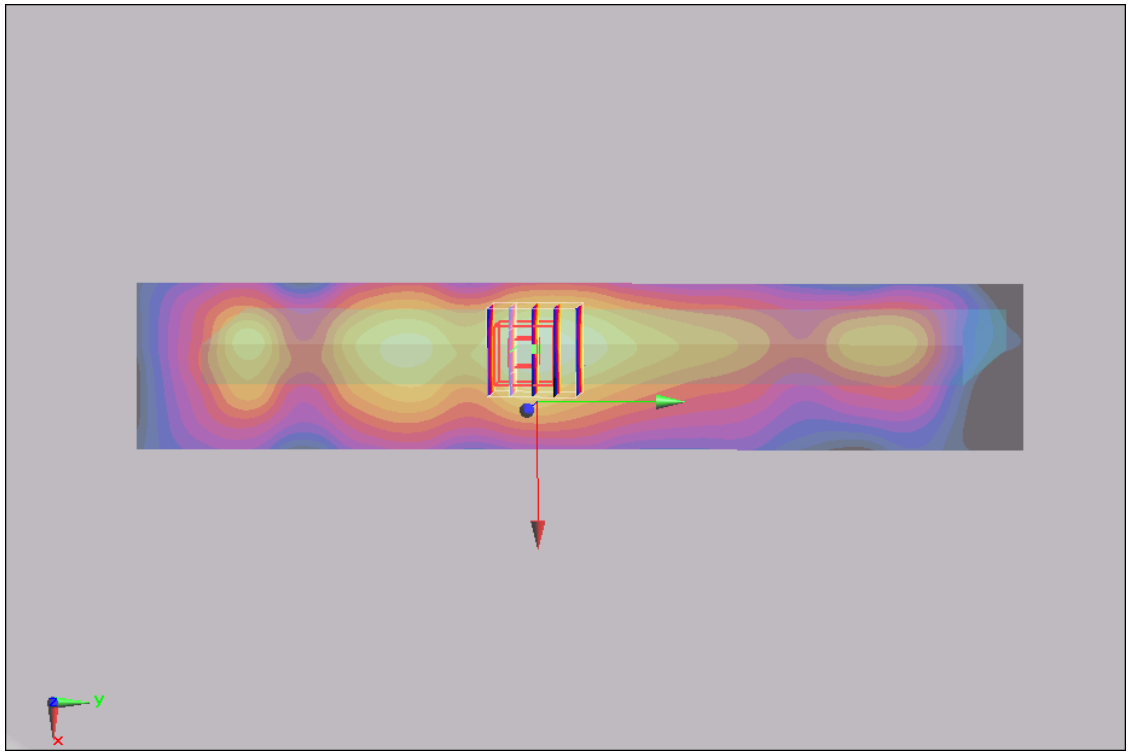
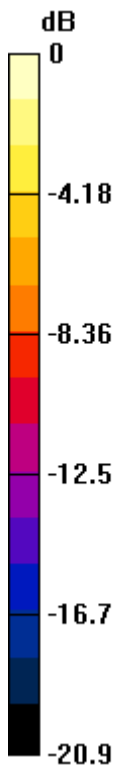
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.59 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.234 mW/g



0 dB = 0.234mW/g

#03_WLAN5G_802.11a_Bottom Face_0cm_Ch36

DUT: 292614

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch36/Area Scan (221x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.17 mW/g

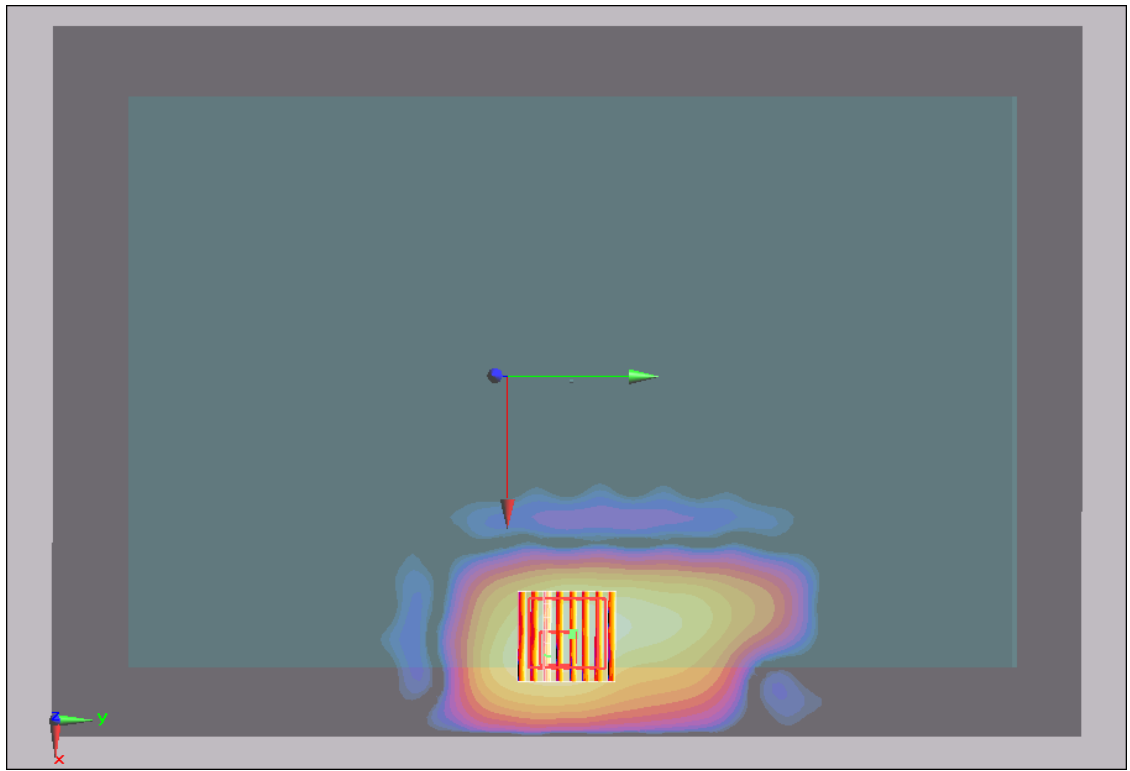
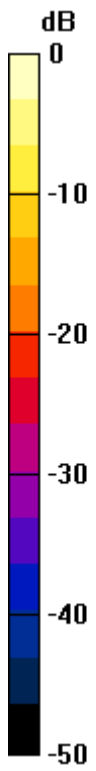
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.464 V/m; Power Drift = 0.161 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.818 mW/g



0 dB = 0.818mW/g

#04_WLAN5G_802.11a_Edge1_0cm_Ch36

DUT: 292614

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch36/Area Scan (81x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.874 mW/g

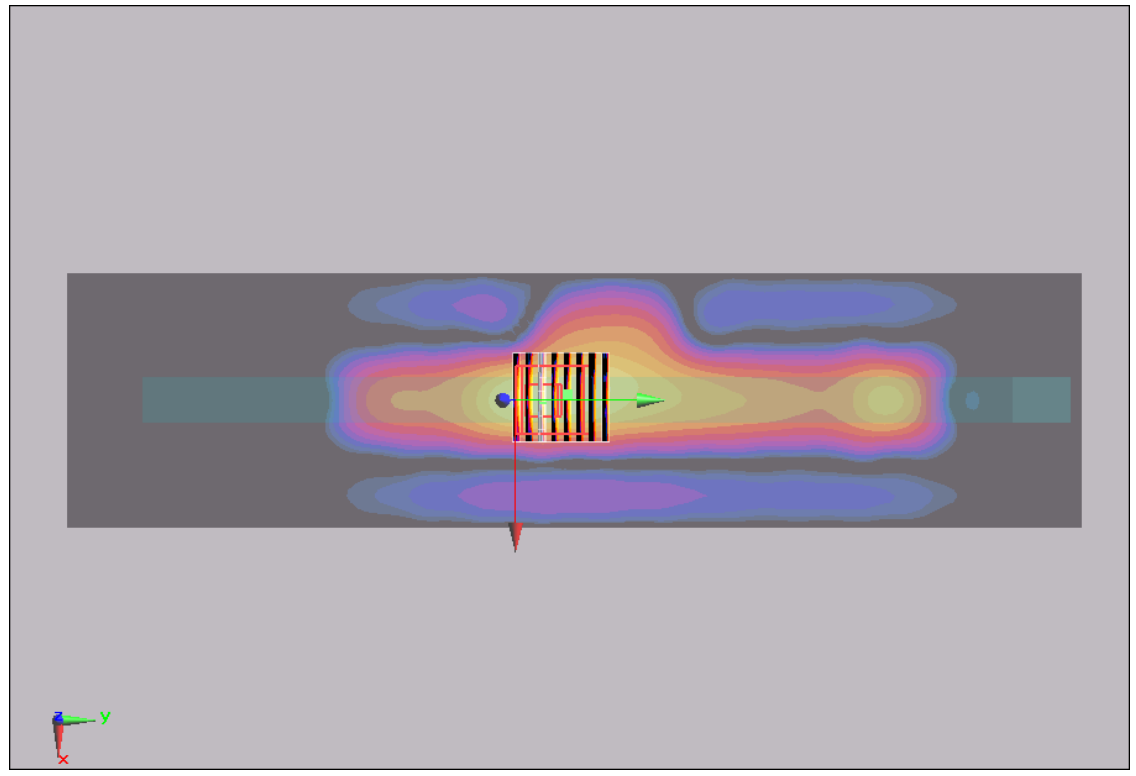
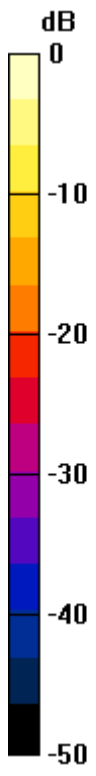
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.91 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 4.08 W/kg

SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.196 mW/g

Maximum value of SAR (measured) = 2.05 mW/g



0 dB = 2.05mW/g

#05_WLAN5G_802.11a_Edge1_0cm_Ch48

DUT: 292614

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch48/Area Scan (81x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.45 mW/g

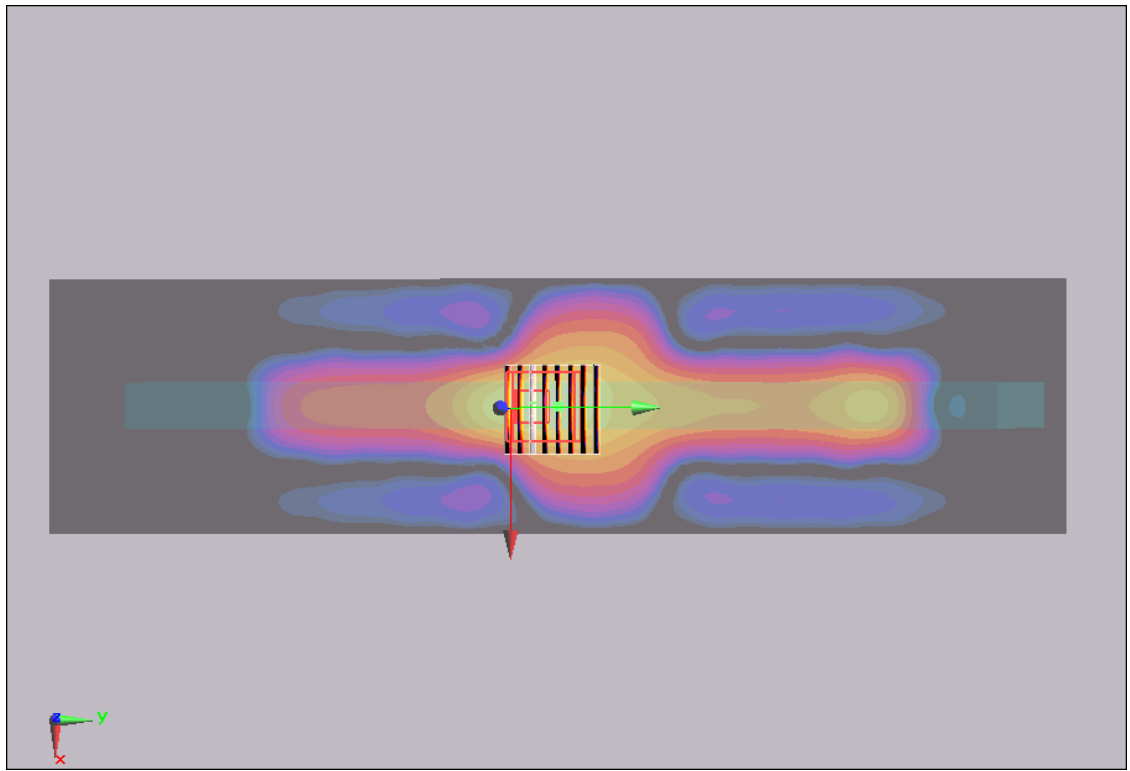
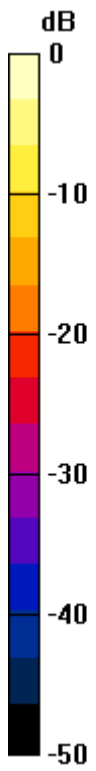
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.3 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 5.82 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 3 mW/g



0 dB = 3mW/g

#05_WLAN5G_802.11a_Edge1_0cm_Ch48_2D

DUT: 292614

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 5.42 \text{ mho/m}$; $\epsilon_r = 48.4$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch48/Area Scan (81x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.45 mW/g

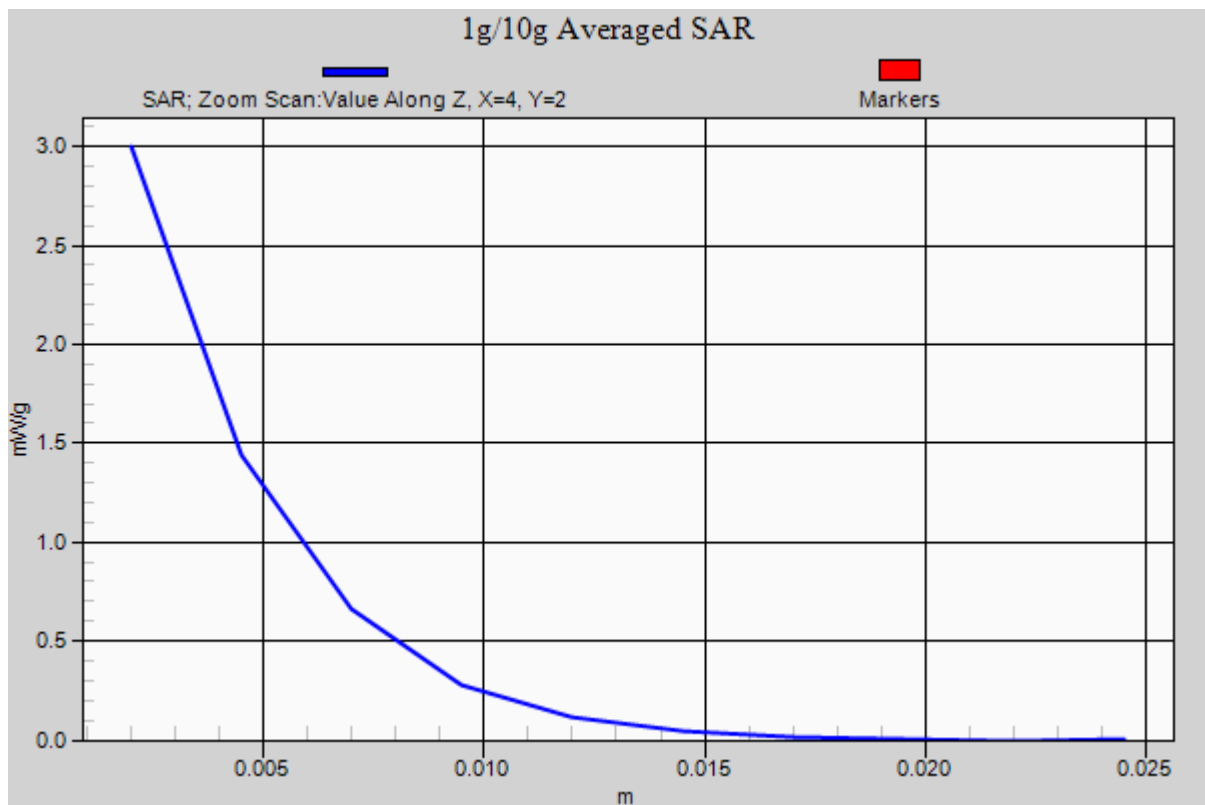
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.3 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 5.82 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 3 mW/g



#08_WLAN5G_802.11a_Bottom Face_0cm_Ch52

DUT: 292614

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.45$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch52/Area Scan (221x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.05 mW/g

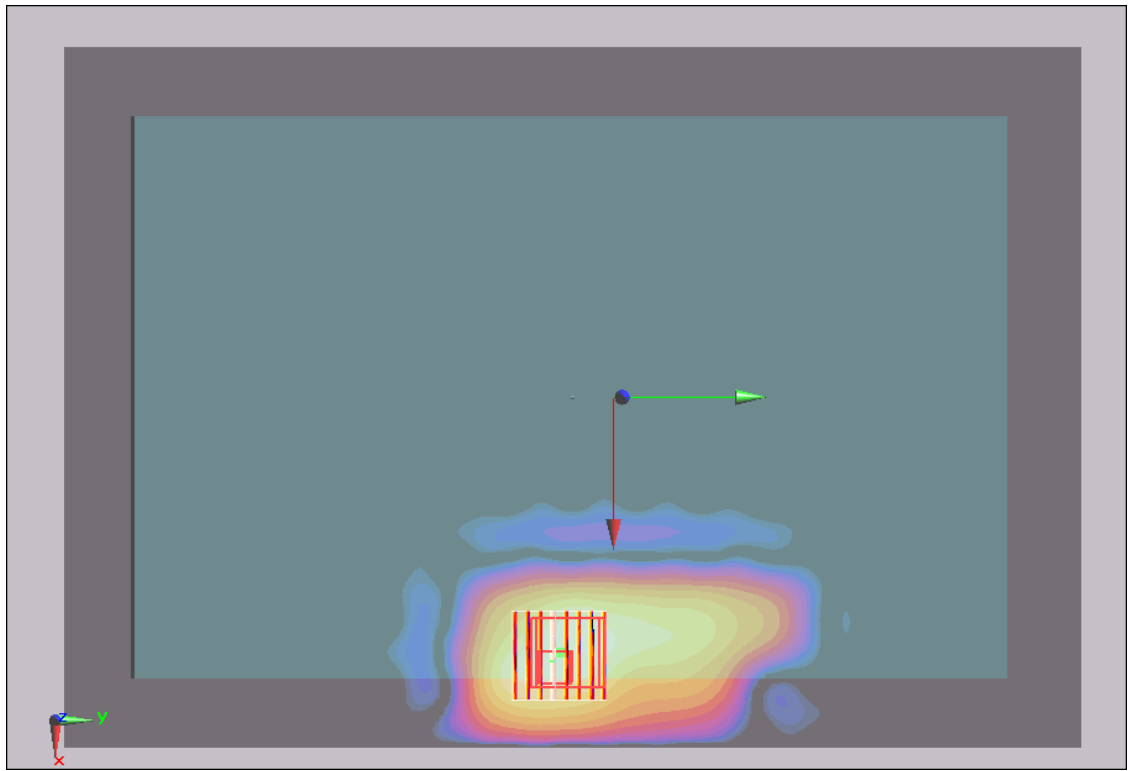
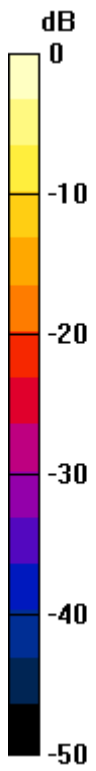
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.755 mW/g



0 dB = 0.755mW/g

#09_WLAN5G_802.11a_Edge1_0cm_Ch52

DUT: 292614

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.45$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch52/Area Scan (81x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.61 mW/g

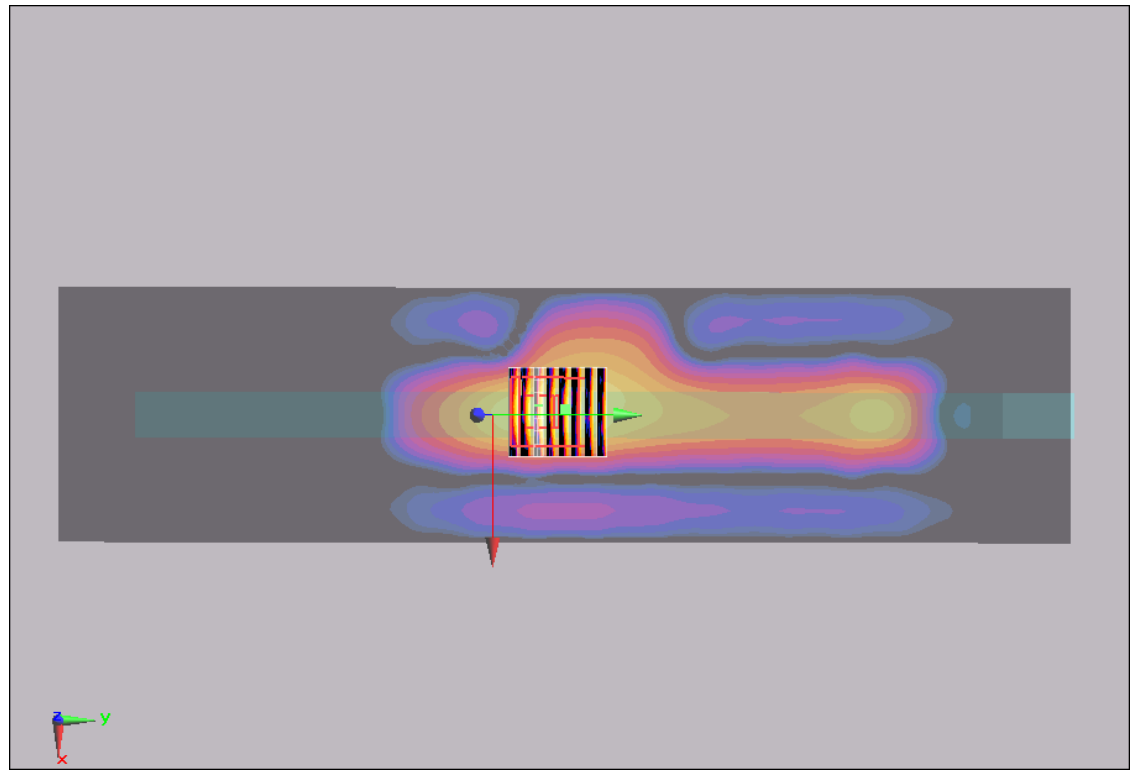
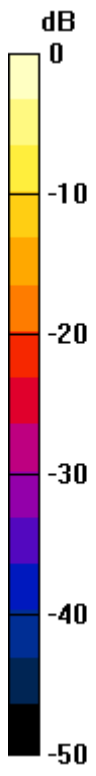
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.9 V/m; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 5.86 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.285 mW/g

Maximum value of SAR (measured) = 2.78 mW/g



0 dB = 2.78mW/g

#10_WLAN5G_802.11a_Edge1_0cm_Ch64

DUT: 292614

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.54$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch64/Area Scan (61x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.713 mW/g

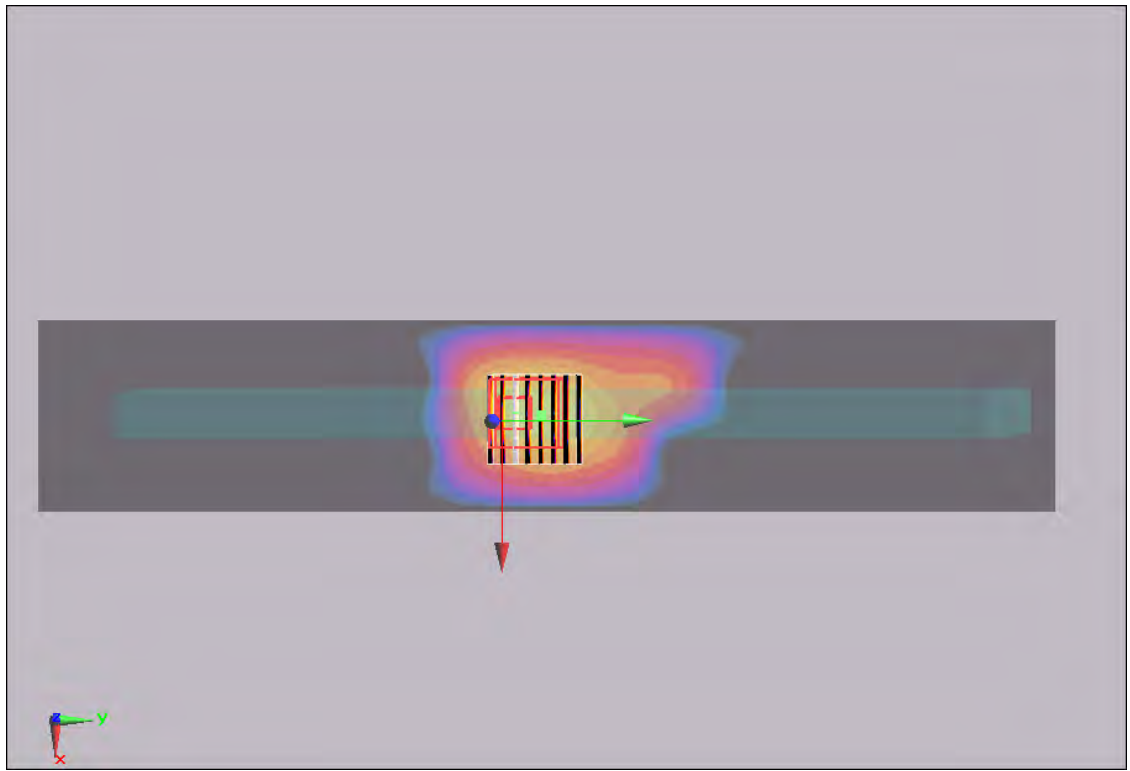
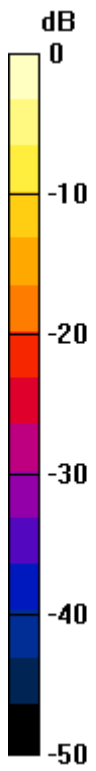
Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.4 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 7.69 W/kg

SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.276 mW/g

Maximum value of SAR (measured) = 3.64 mW/g



0 dB = 3.64mW/g

#10_WLAN5G_802.11a_Edge 1_0cm_Ch64_2D

DUT: 292614

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.54$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch64/Area Scan (61x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.713 mW/g

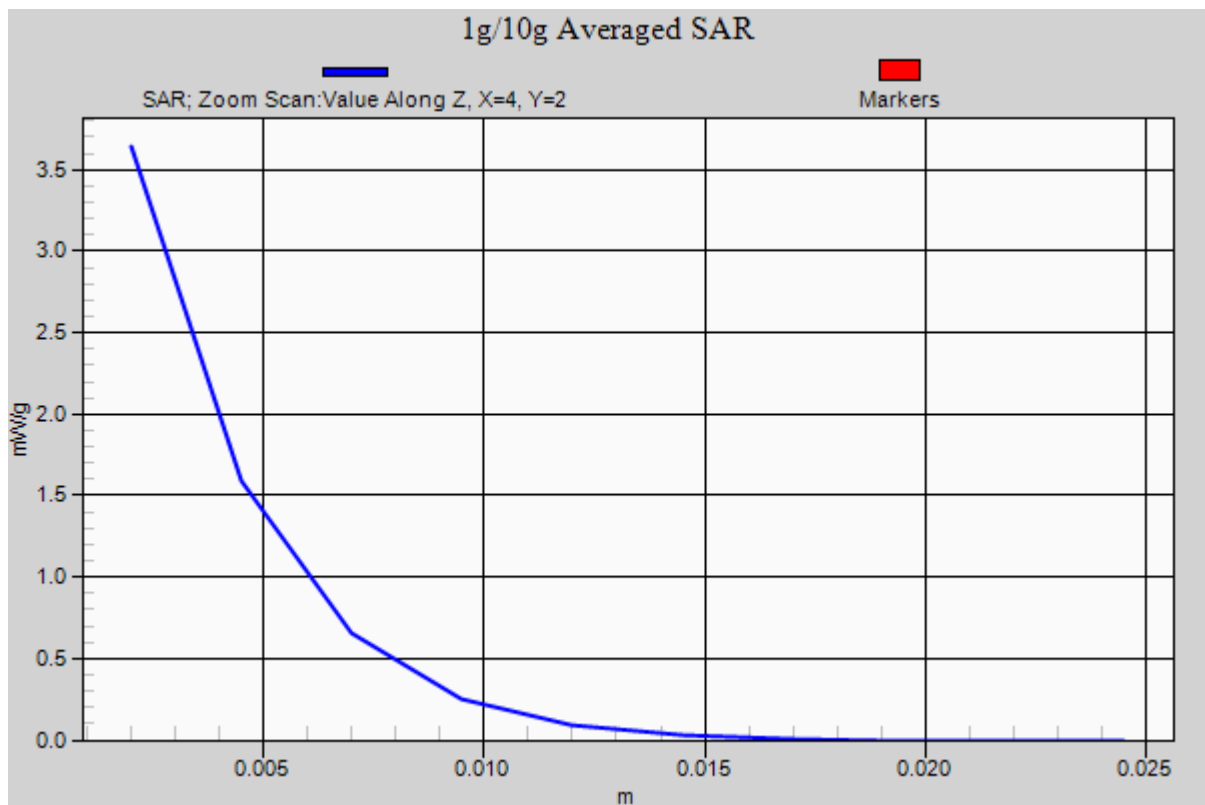
Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.4 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 7.69 W/kg

SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.276 mW/g

Maximum value of SAR (measured) = 3.64 mW/g



#13_WLAN5G_802.11a_Bottom Face_0cm_Ch104

DUT: 292614

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5520$ MHz; $\sigma = 5.83$ mho/m; $\epsilon_r = 47.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch104/Area Scan (221x321x1): Measurement grid: dx=10mm, dy=10mm

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

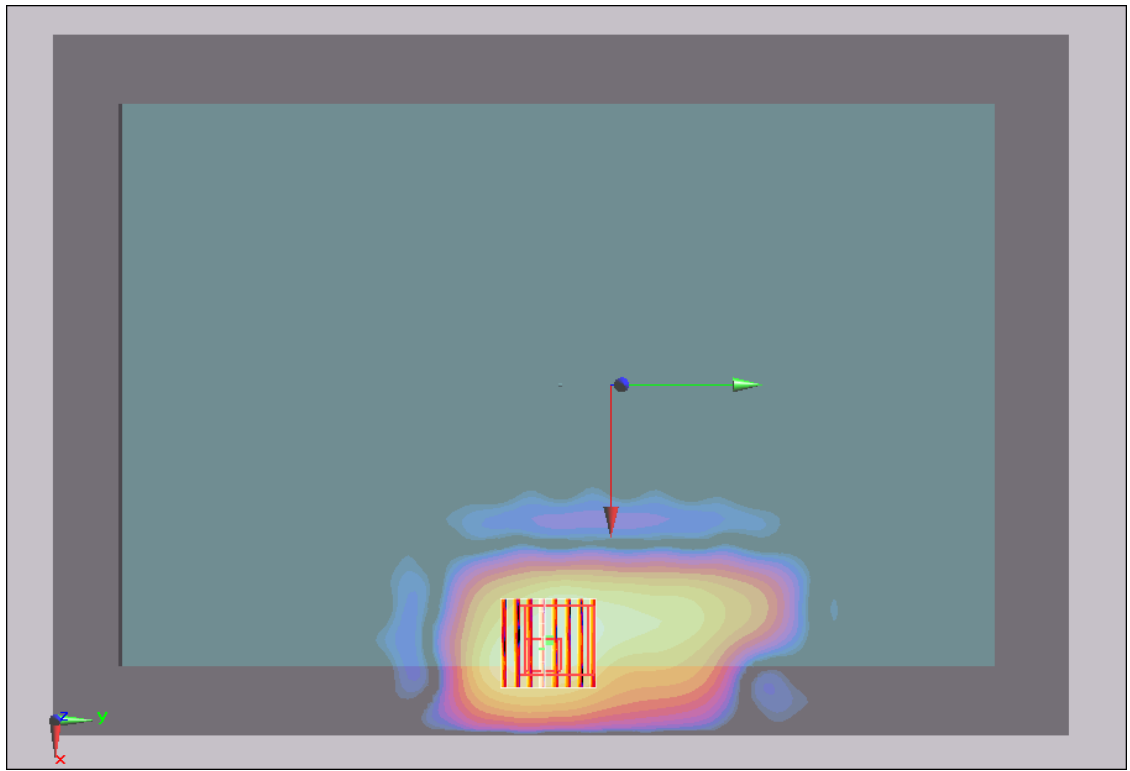
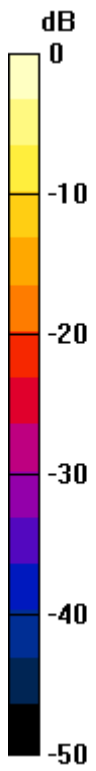
Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.868 mW/g



0 dB = 0.868mW/g

#14_WLAN5G_802.11a_Edge1_0cm_Ch104

DUT: 292614

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5520$ MHz; $\sigma = 5.83$ mho/m; $\epsilon_r = 47.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch104/Area Scan (81x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.2 mW/g

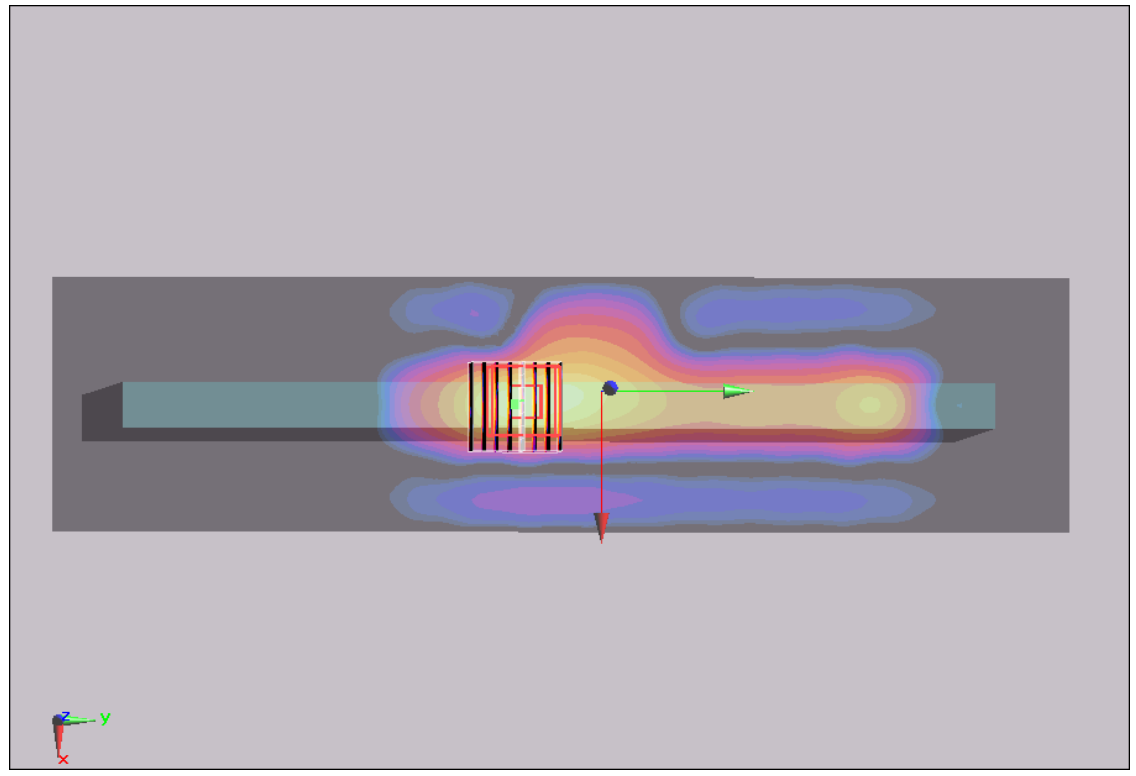
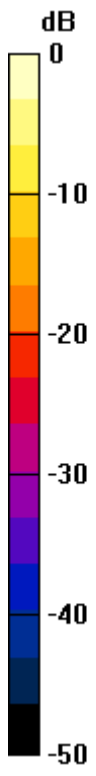
Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.2 V/m; Power Drift = -0.178 dB

Peak SAR (extrapolated) = 6.66 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.259 mW/g

Maximum value of SAR (measured) = 3.24 mW/g



0 dB = 3.24mW/g

#14_WLAN5G_802.11a_Edge1_0cm_Ch104_2D

DUT: 292614

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5520$ MHz; $\sigma = 5.83$ mho/m; $\epsilon_r = 47.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch104/Area Scan (81x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.2 mW/g

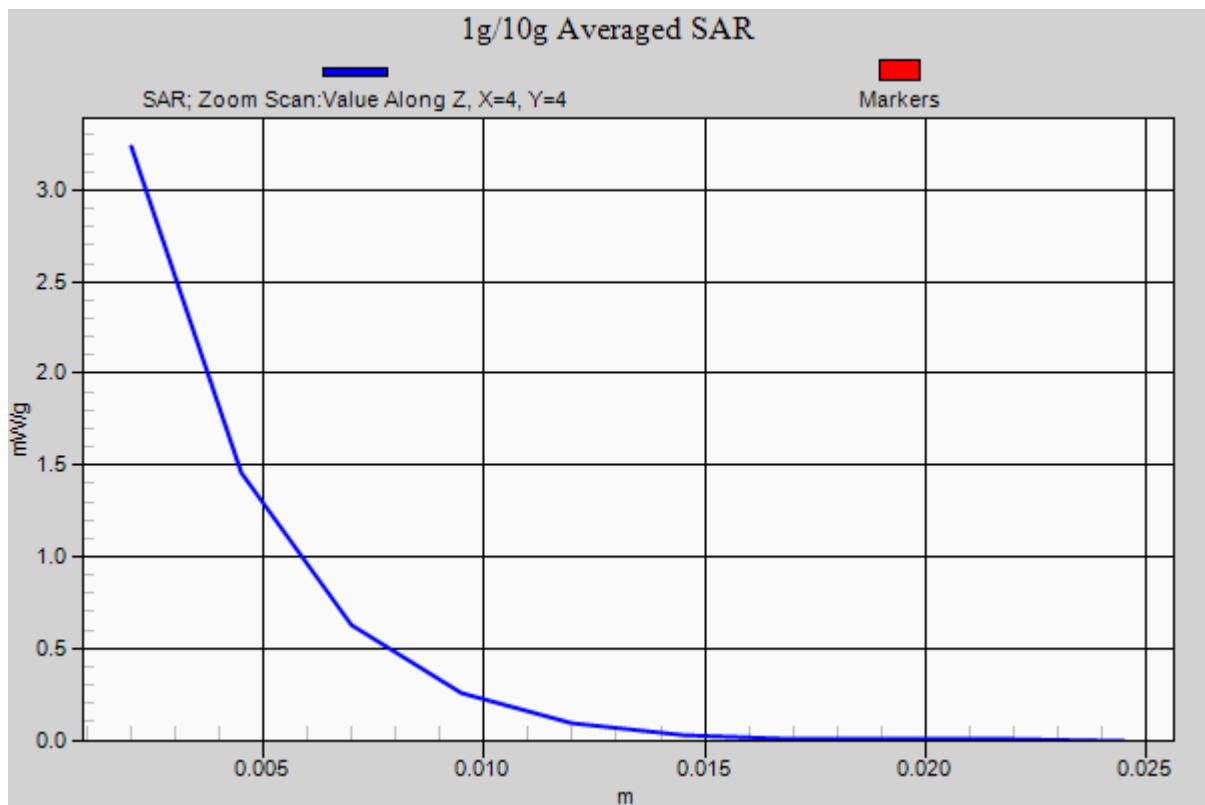
Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.2 V/m; Power Drift = -0.178 dB

Peak SAR (extrapolated) = 6.66 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.259 mW/g

Maximum value of SAR (measured) = 3.24 mW/g



#15_WLAN5G_802.11a_Edge1_0cm_Ch112

DUT: 292614

Communication System: 802.11a; Frequency: 5560 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5560$ MHz; $\sigma = 5.89$ mho/m; $\epsilon_r = 47.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch112/Area Scan (81x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.914 mW/g

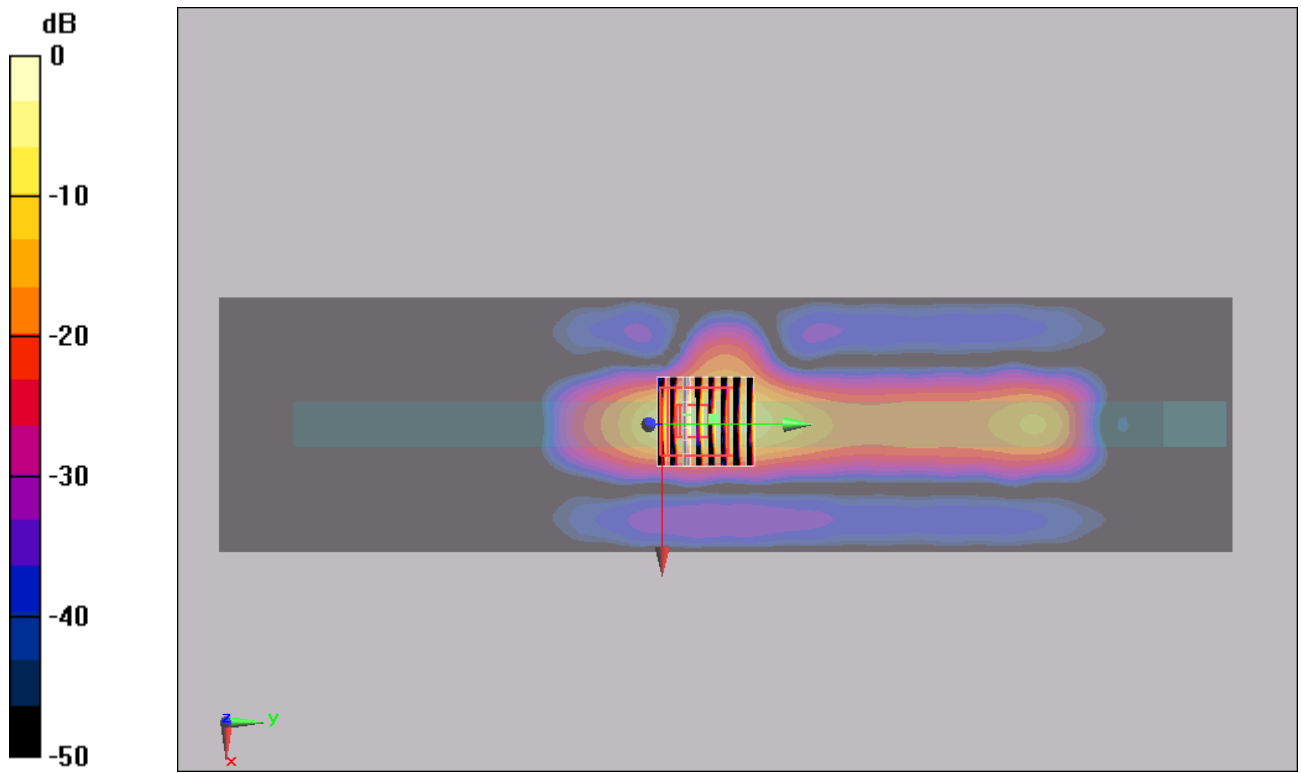
Ch112/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.41 V/m; Power Drift = -0.194 dB

Peak SAR (extrapolated) = 4.38 W/kg

SAR(1 g) = 0.882 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 2.08 mW/g



0 dB = 2.08mW/g

#16_WLAN5G_802.11a_Edge1_0cm_Ch132

DUT: 292614

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5660$ MHz; $\sigma = 6.03$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch132/Area Scan (81x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.927 mW/g

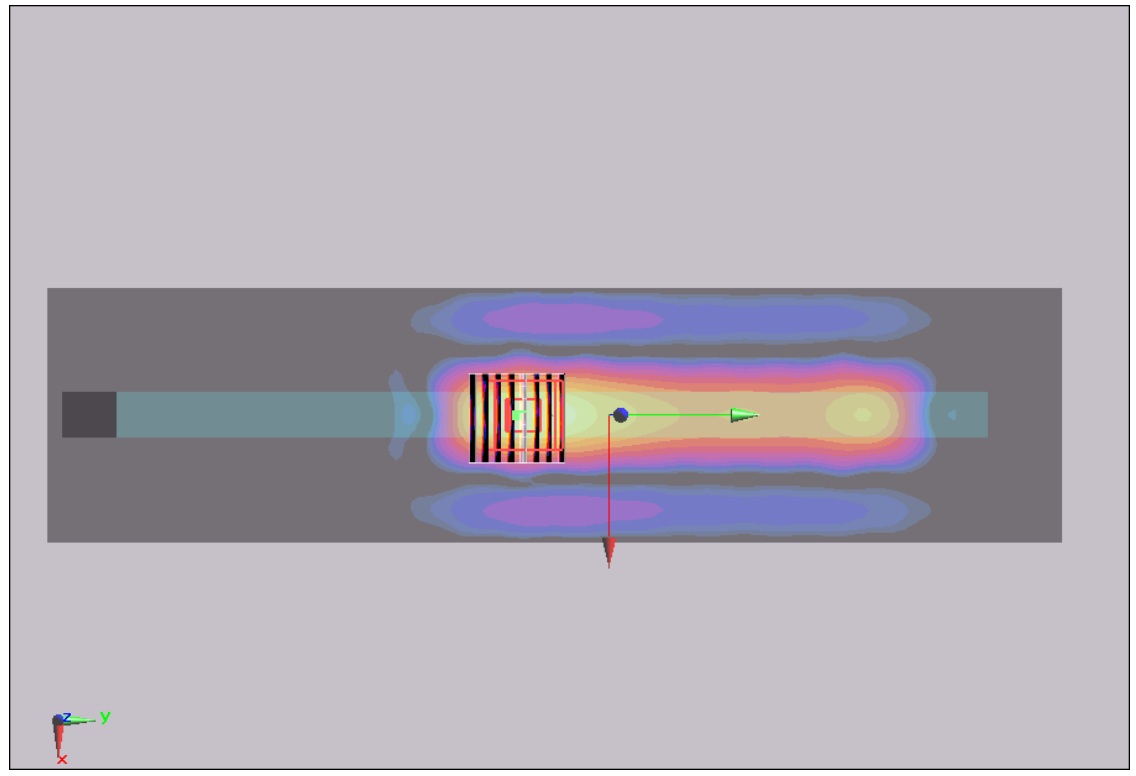
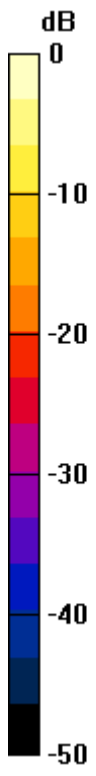
Ch132/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.67 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 5.11 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 2.41 mW/g



0 dB = 2.41mW/g

#18_WLAN5G_802.11a_Bottom Face_0cm_Ch149

DUT: 292614

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.16$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch149/Area Scan (221x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.094 mW/g

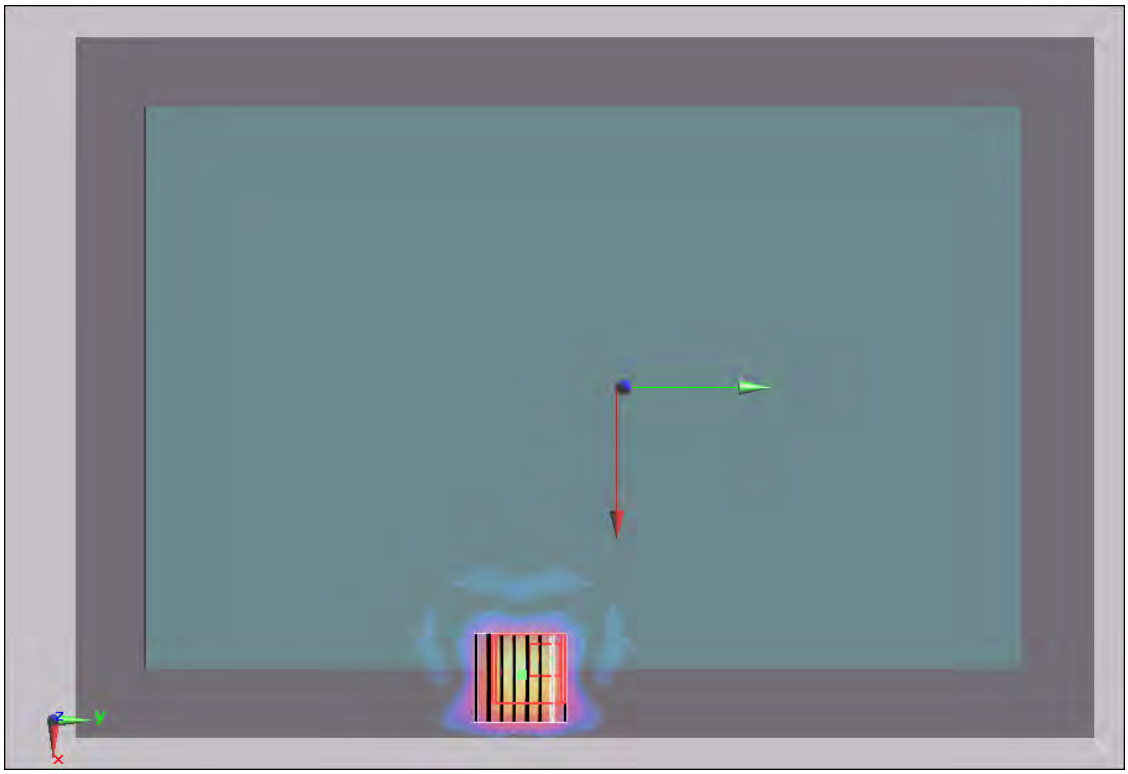
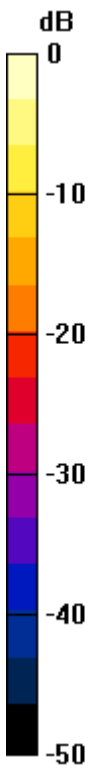
Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.749 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.279 mW/g



0 dB = 0.279mW/g

#19_WLAN5G_802.11a_Edge1_0cm_Ch149

DUT: 292614

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.16 \text{ mho/m}$; $\epsilon_r = 47.3$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch149/Area Scan (81x321x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.895 mW/g

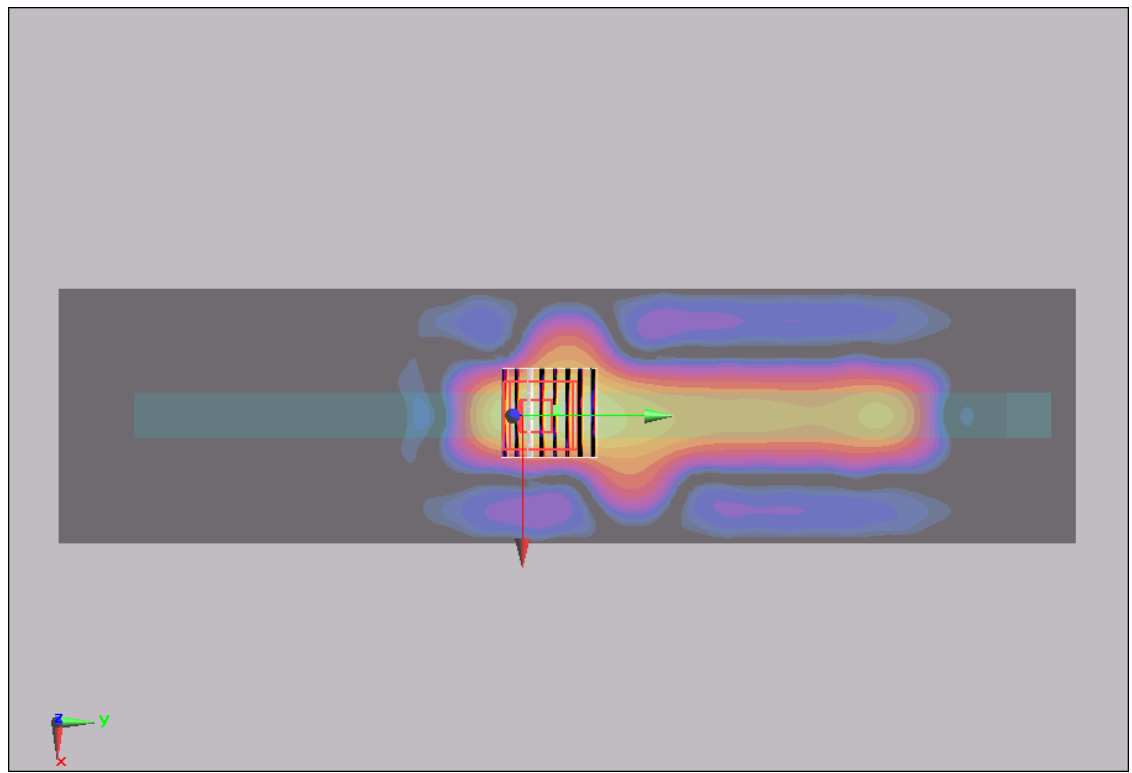
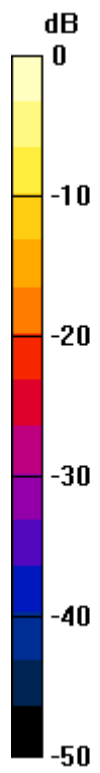
Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 9.83 V/m ; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 4.18 W/kg

SAR(1 g) = 0.76 mW/g ; SAR(10 g) = 0.186 mW/g

Maximum value of SAR (measured) = 1.93 mW/g



0 dB = 1.93mW/g

#25_WLAN5G_802.11n-HT20_Edge1_0cm_Ch157

DUT: 292614

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121013 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.16$ mho/m; $\epsilon_r = 46.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch157/Area Scan (81x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.3 mW/g

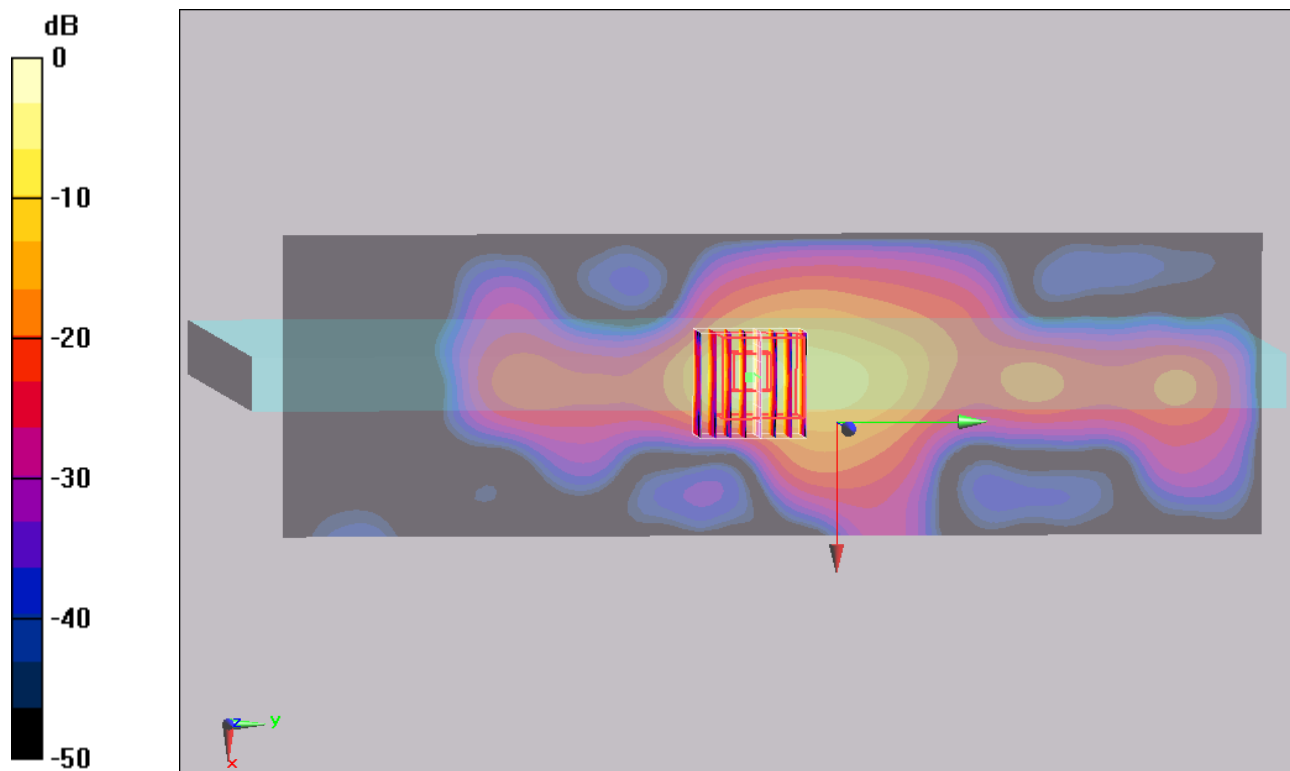
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.3 V/m; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 6.56 W/kg

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 3.13 mW/g



0 dB = 3.13mW/g

#25_WLAN5G_802.11n-HT20_Edge1_0cm_Ch157_2D

DUT: 292614

Communication System: 802.11n; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121013 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.16 \text{ mho/m}$; $\epsilon_r = 46.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch157/Area Scan (81x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.3 mW/g

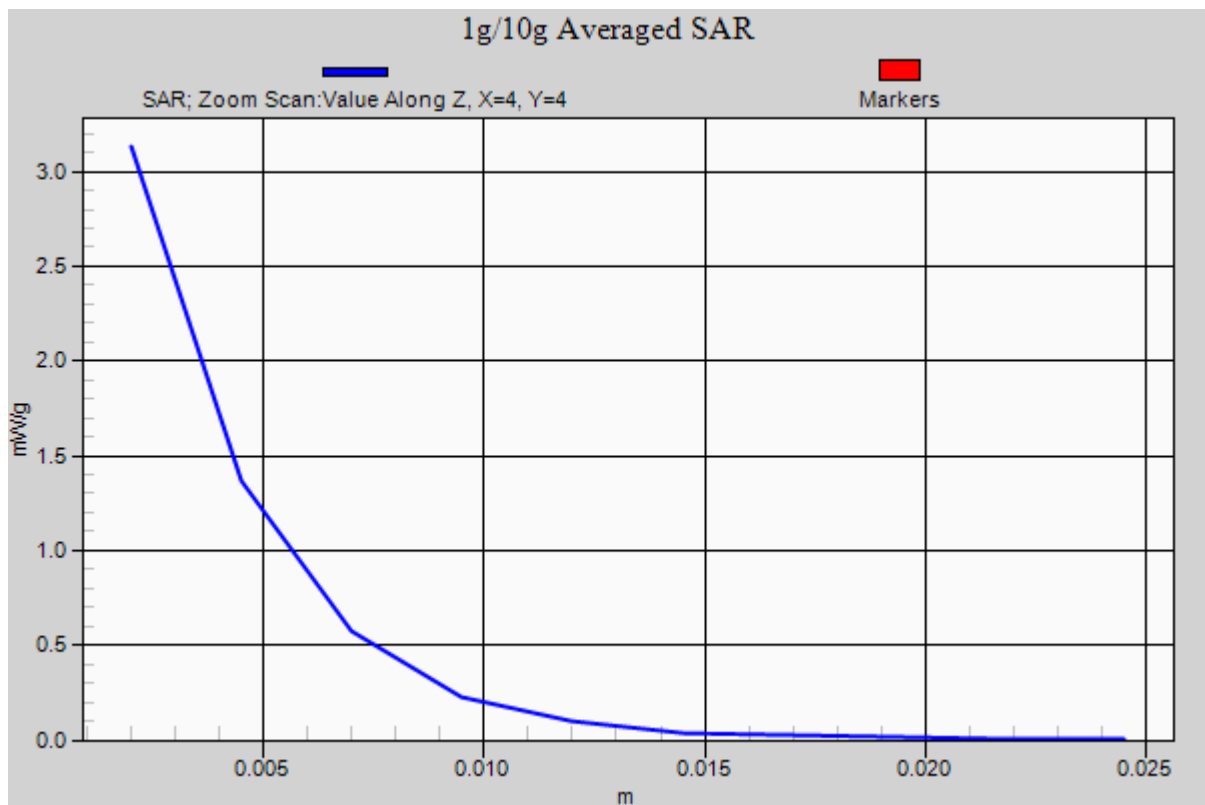
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.3 V/m; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 6.56 W/kg

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 3.13 mW/g



#26_WLAN5G_802.11n-HT20_Edge1_0cm_Ch153

DUT: 292614

Communication System: 802.11n; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121013 Medium parameters used: $f = 5765$ MHz; $\sigma = 6.14$ mho/m; $\epsilon_r = 46.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch153/Area Scan (81x261x1): Measurement grid: dx=30mm, dy=10mm

Maximum value of SAR (interpolated) = 2.24 mW/g

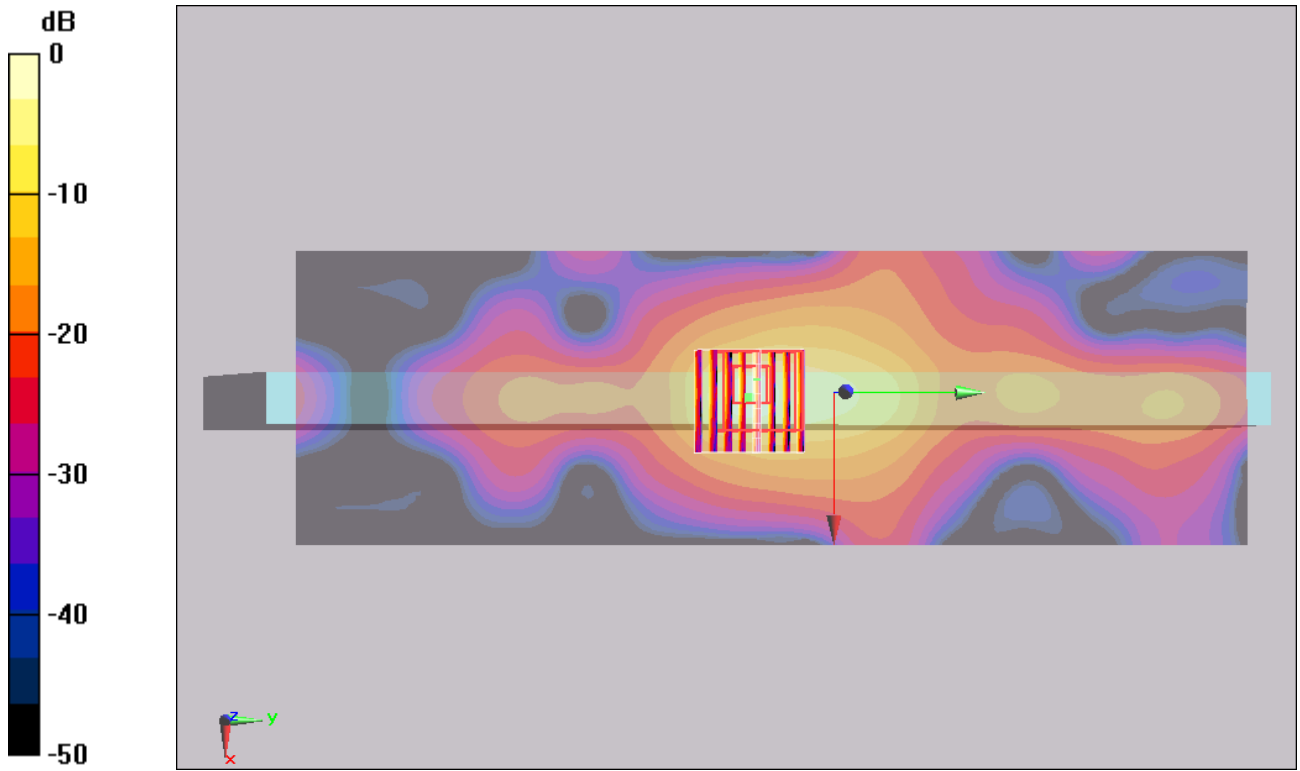
Ch153/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 13.7 V/m; Power Drift = -0.174 dB

Peak SAR (extrapolated) = 6.43 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.352 mW/g

Maximum value of SAR (measured) = 2.91 mW/g



0 dB = 2.91mW/g

#27_WLAN5G_802.11n-HT20_Edge1_0cm_Ch165

DUT: 292614

Communication System: 802.11n; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121013 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.24$ mho/m; $\epsilon_r = 46.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch165/Area Scan (81x261x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.5 mW/g

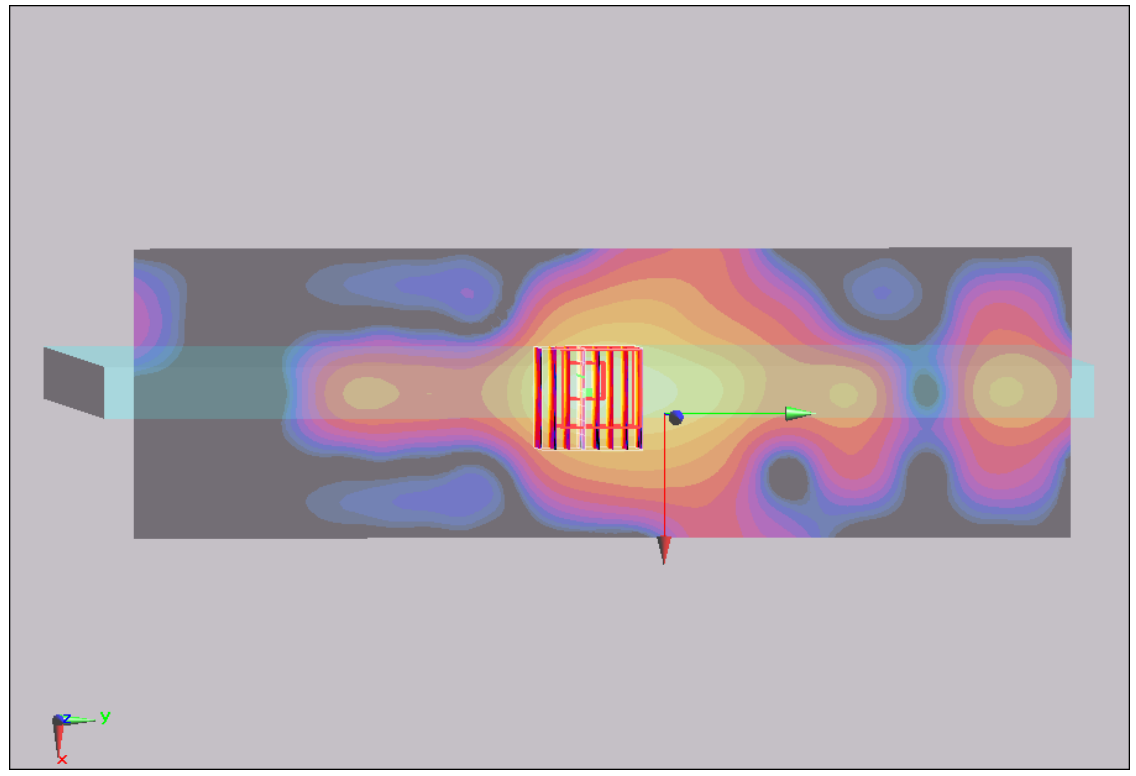
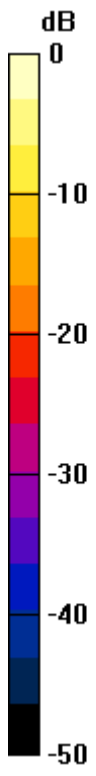
Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.1 V/m; Power Drift = 0.128 dB

Peak SAR (extrapolated) = 4.7 W/kg

SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.248 mW/g

Maximum value of SAR (measured) = 2.1 mW/g



0 dB = 2.1mW/g

#20_WLAN5G_802.11n-HT40_Edge1_0cm_Ch151

DUT: 292614

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.18$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch151/Area Scan (81x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.26 mW/g

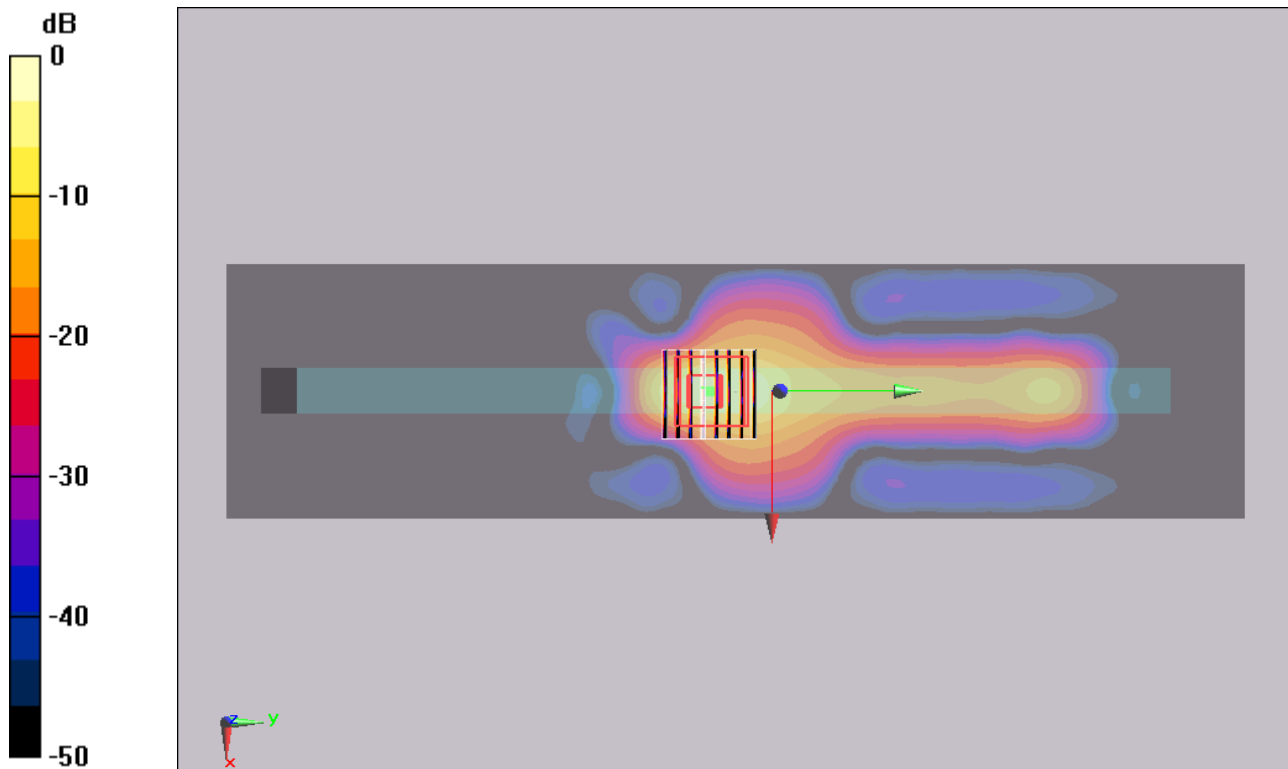
Ch151/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 10.8 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 6.77 W/kg

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 3.32 mW/g



0 dB = 3.32mW/g

#21_WLAN5G_802.11n-HT40_Edge1_0cm_Ch159

DUT: 292614

Communication System: 802.11n; Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121010 Medium parameters used: $f = 5795$ MHz; $\sigma = 6.21$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch159/Area Scan (81x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.06 mW/g

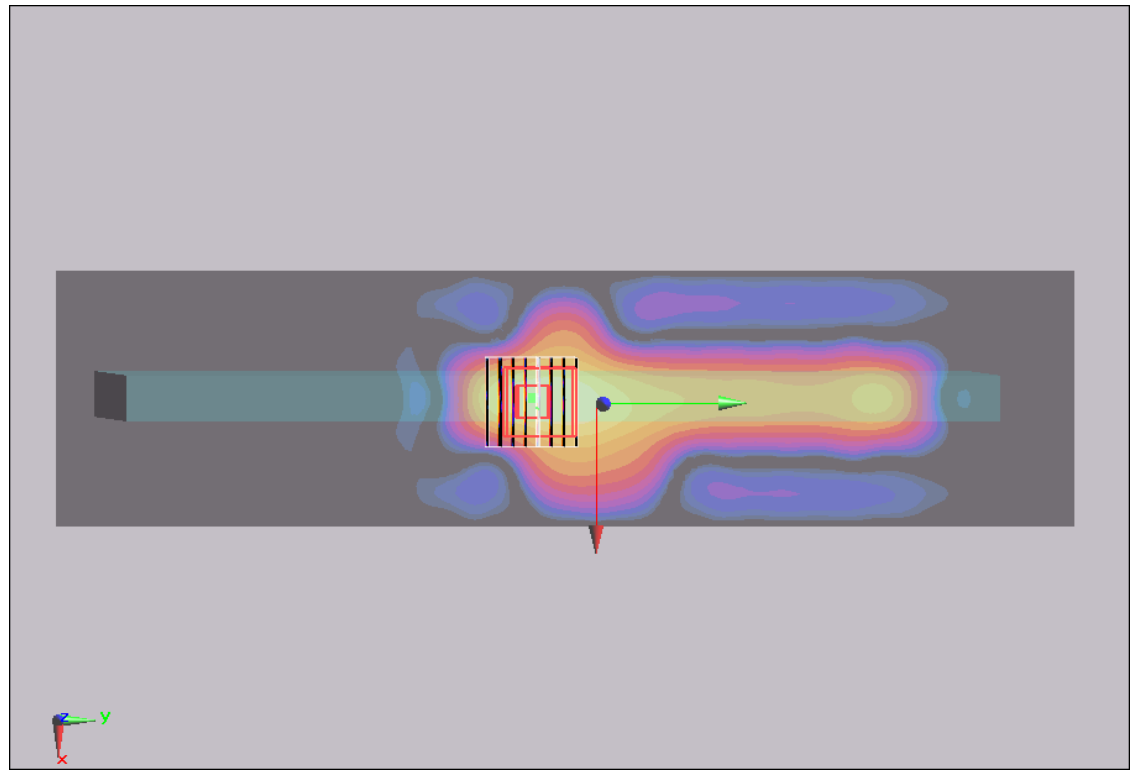
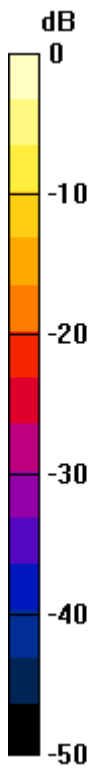
Ch159/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.97 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 5.36 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 2.39 mW/g



0 dB = 2.39mW/g