

#01 CDMA2000 BC0_RC3+SO55_Right Cheek_Ch1013_keypad1**DUT: 162005-05**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_850_120213 Medium parameters used: $f = 825$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 40.301$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.553 mW/g

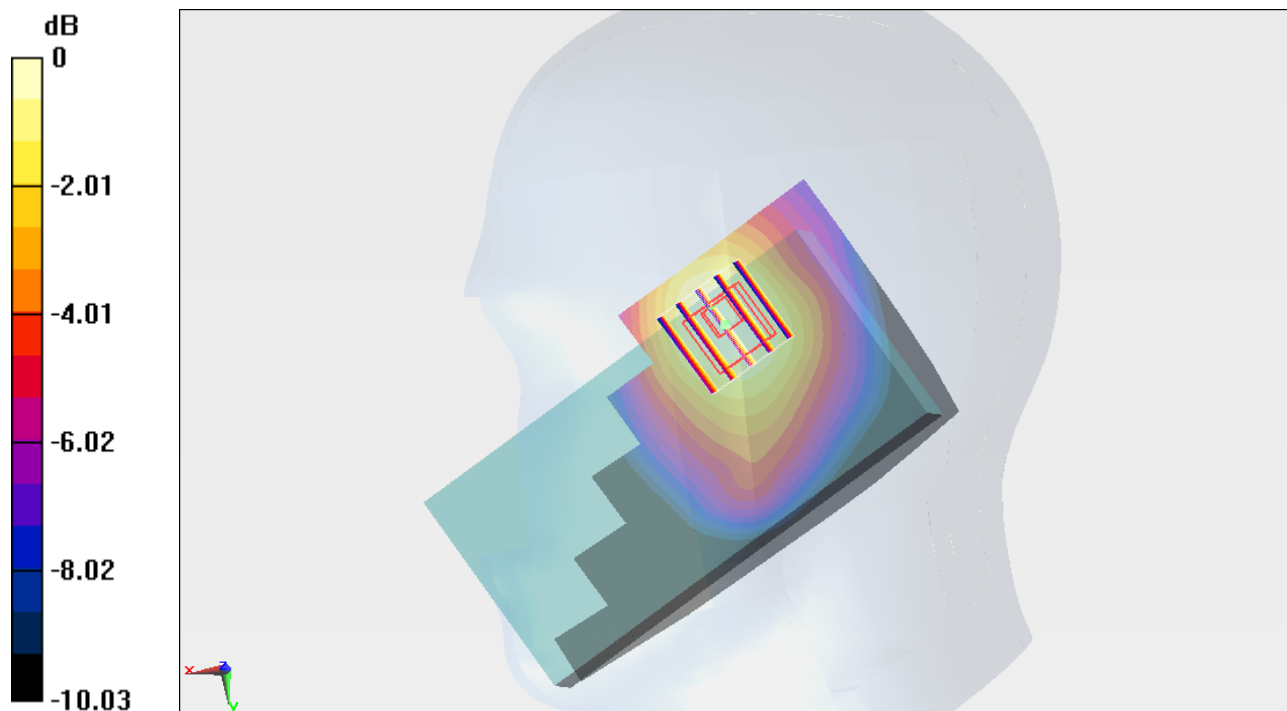
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.323 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.6600

SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 0.543 mW/g



0 dB = 0.540mW/g = -5.35 dB mW/g

#02 CDMA2000 BC0_RC3+SO55_Right Tilted_Ch1013_keypad1**DUT: 162005-05**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_850_120213 Medium parameters used: $f = 825$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 40.301$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.487 mW/g

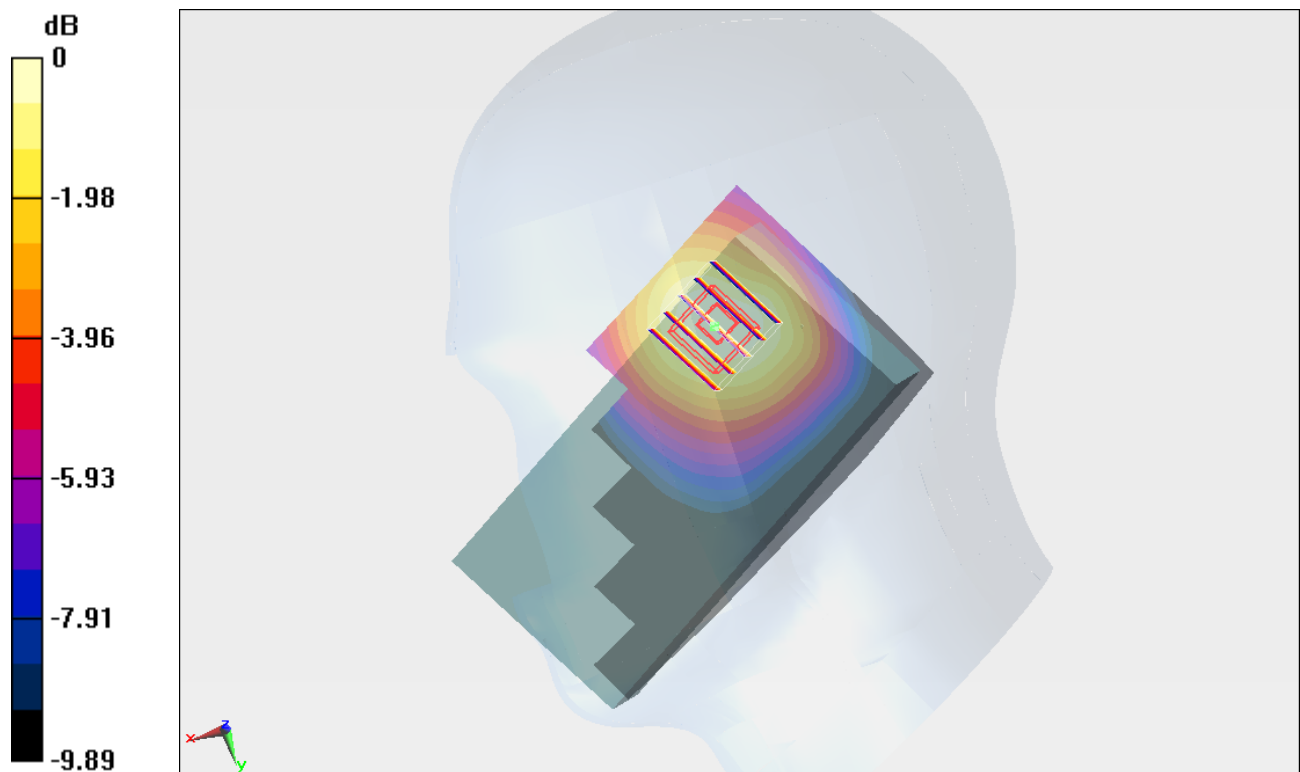
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.753 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.5630

SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.481 mW/g



0 dB = 0.480mW/g = -6.38 dB mW/g

#03 CDMA2000 BC0_RC3+SO55_Left Cheek_Ch1013_keypad1**DUT: 162005-05**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_850_120213 Medium parameters used: $f = 825$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 40.301$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.372 mW/g

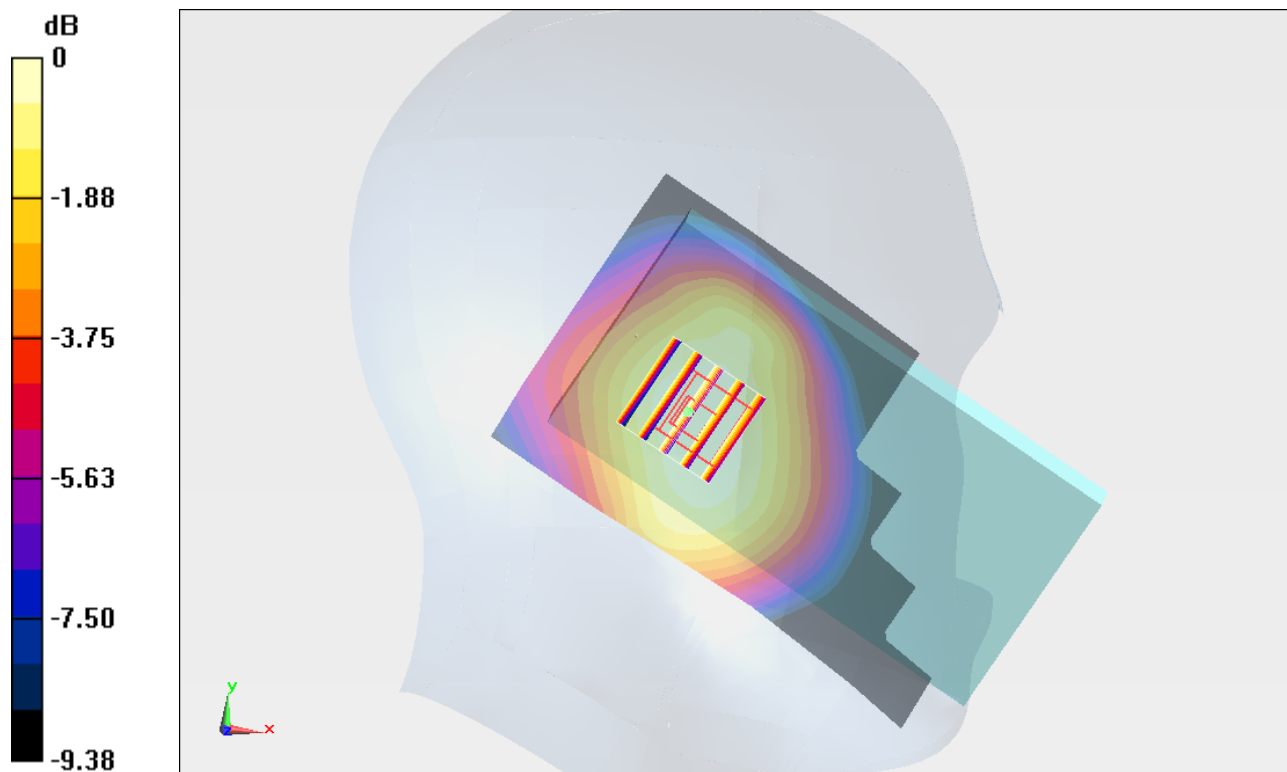
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.809 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.4160

SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.275 mW/g

Maximum value of SAR (measured) = 0.371 mW/g



0 dB = 0.370mW/g = -8.64 dB mW/g

#04 CDMA2000 BC0_RC3+SO55_Left Tilted_Ch1013_keypad1**DUT: 162005-05**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_850_120213 Medium parameters used: $f = 825$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 40.301$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.370 mW/g

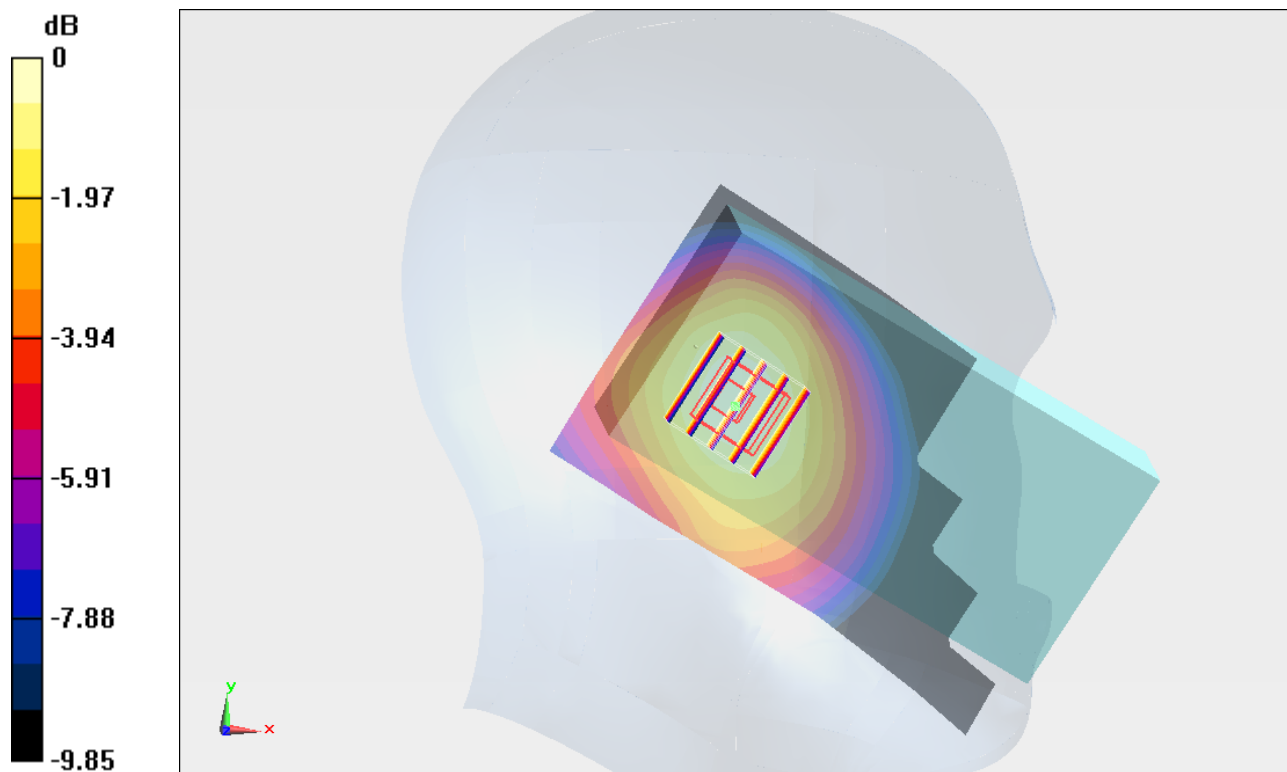
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.018 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.4300

SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.256 mW/g

Maximum value of SAR (measured) = 0.371 mW/g



0 dB = 0.370mW/g = -8.64 dB mW/g

#09 CDMA2000 BC0_RC3+SO55_Right Cheek_Ch1013_keypad2**DUT: 162005-05**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_850_120213 Medium parameters used: $f = 825$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 40.301$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.537 mW/g

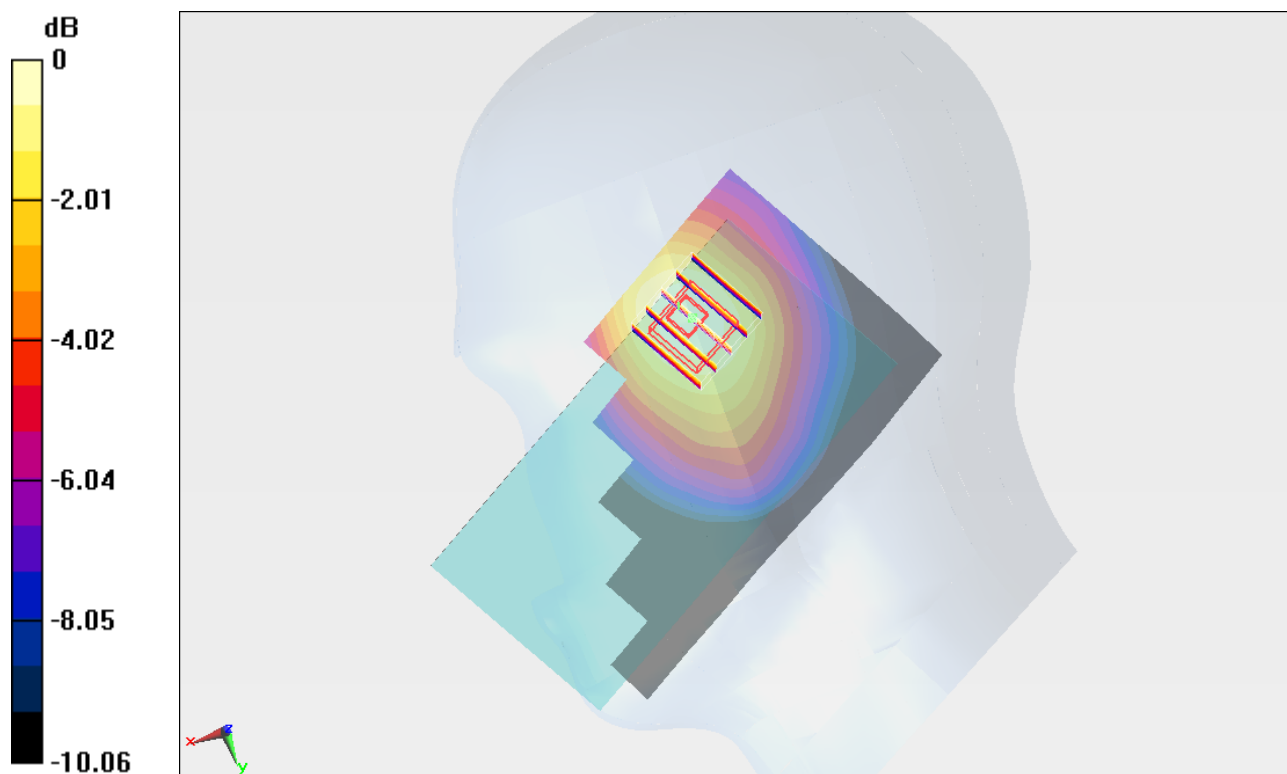
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.990 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.6400

SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.536 mW/g



0 dB = 0.540mW/g = -5.35 dB mW/g

#09 CDMA2000 BC0_RC3+SO55_Right Cheek_Ch1013_keypad2_2D**DUT: 162005-05**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_850_120213 Medium parameters used: $f = 825$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 40.301$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.39, 6.39, 6.39); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.537 mW/g

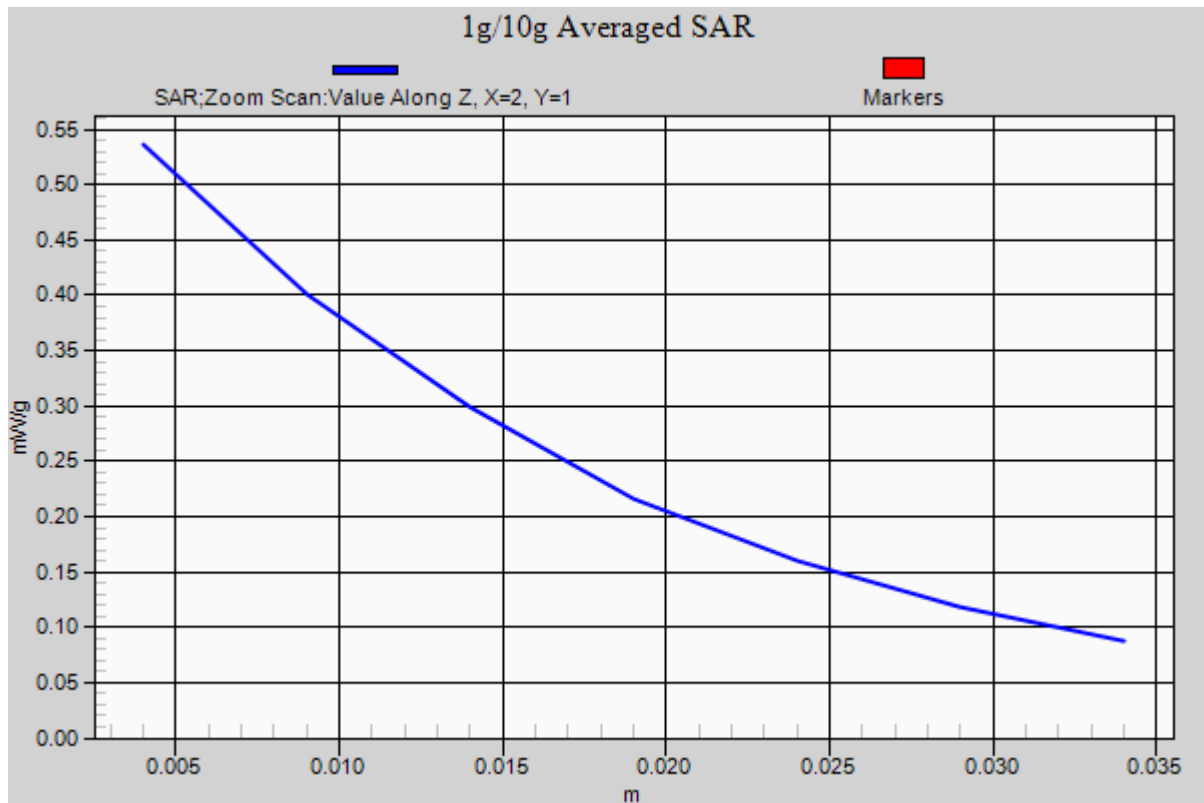
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.990 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.6400

SAR(1 g) = 0.512 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.536 mW/g



#05 CDMA2000 BC1_RC3+SO55_Right Cheek_Ch25_keypad1

DUT: 162005-05

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120213 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.378$ mho/m; $\epsilon_r =$

40.078 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x91x1): Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.416 mW/g

Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.894 V/m; Power Drift = -0.0039 dB

Peak SAR (extrapolated) = 0.5860

SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.385 mW/g

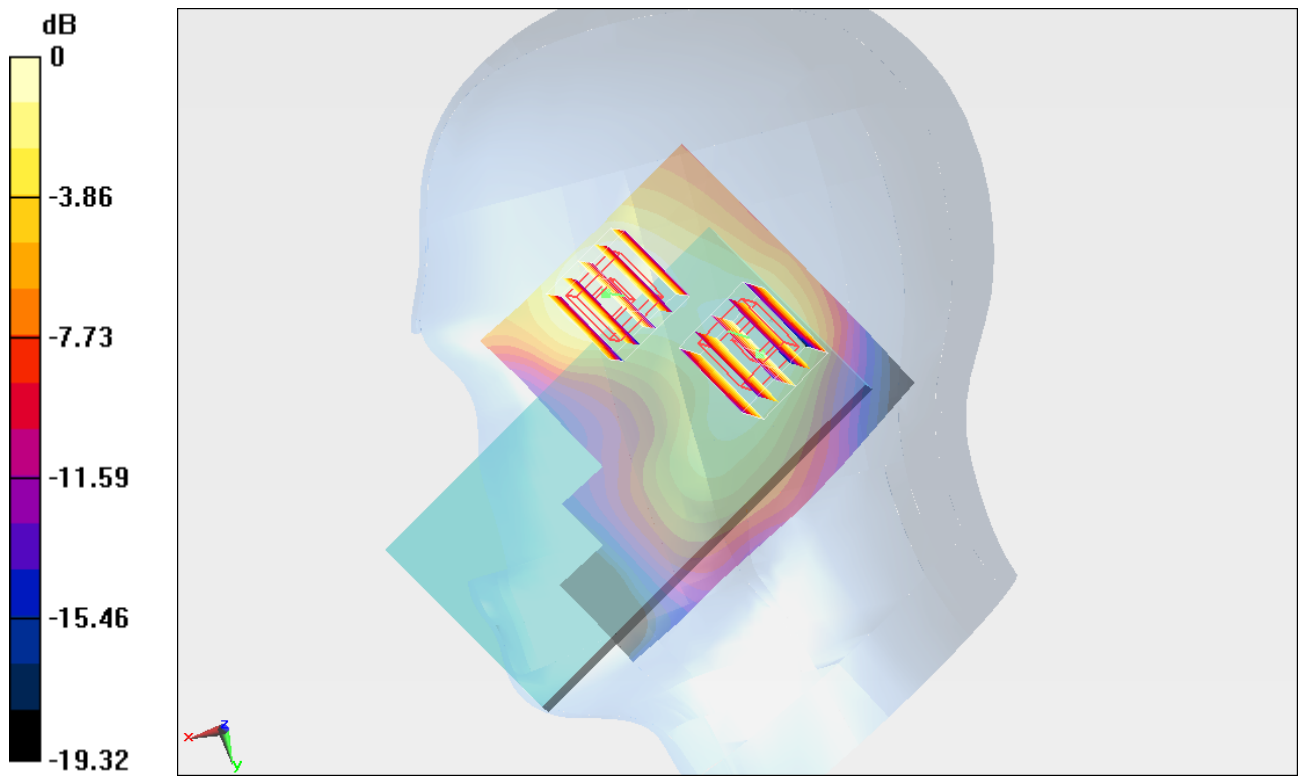
Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.894 V/m; Power Drift = -0.0039 dB

Peak SAR (extrapolated) = 0.3880

SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.157 mW/g

Maximum value of SAR (measured) = 0.272 mW/g



0 dB = 0.270mW/g = -11.37 dB mW/g

#06 CDMA2000 BC1_RC3+SO55_Right Tilted_Ch25_keypad1**DUT: 162005-05**

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120213 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.378$ mho/m; $\epsilon_r =$ 40.078; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.371 mW/g

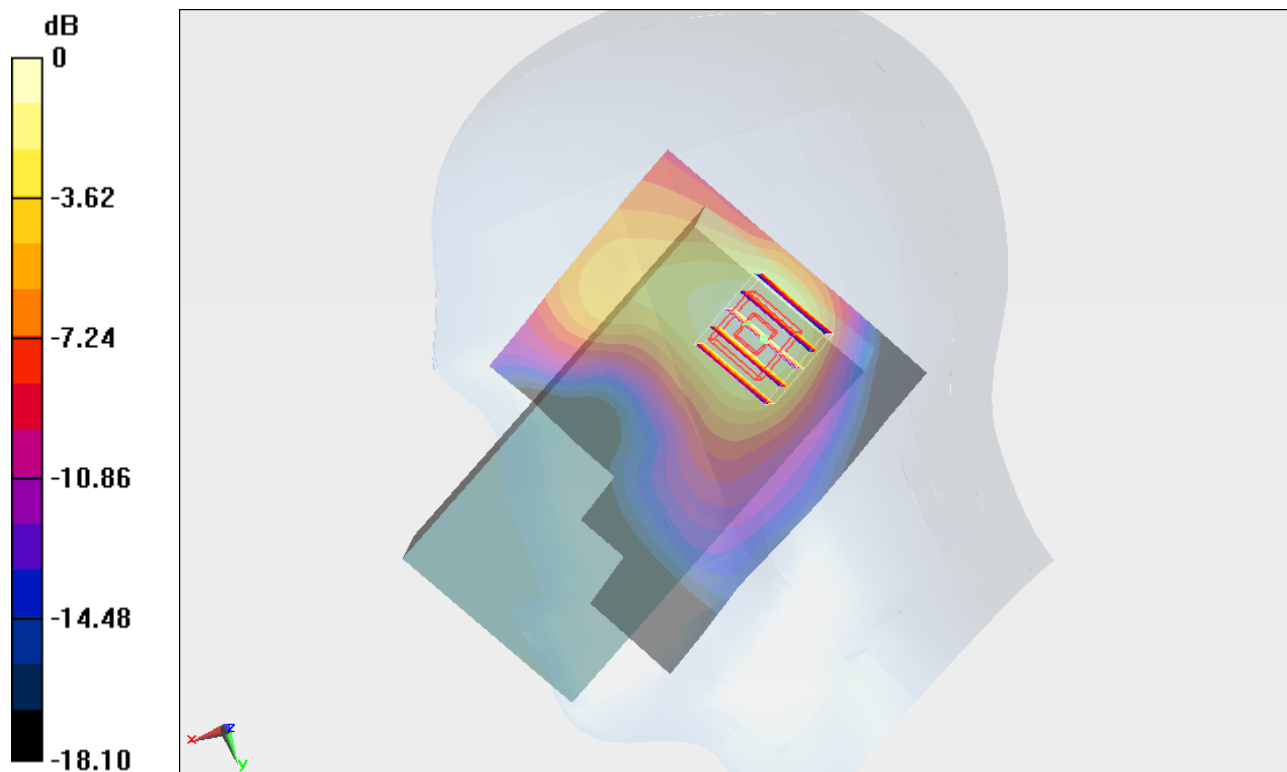
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.797 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.5280

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.205 mW/g

Maximum value of SAR (measured) = 0.370 mW/g



0 dB = 0.370mW/g = -8.64 dB mW/g

#07 CDMA2000 BC1_RC3+SO55_Left Cheek_Ch25_keypad1**DUT: 162005-05**

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120213 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.378$ mho/m; $\epsilon_r =$ 40.078 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.385 mW/g

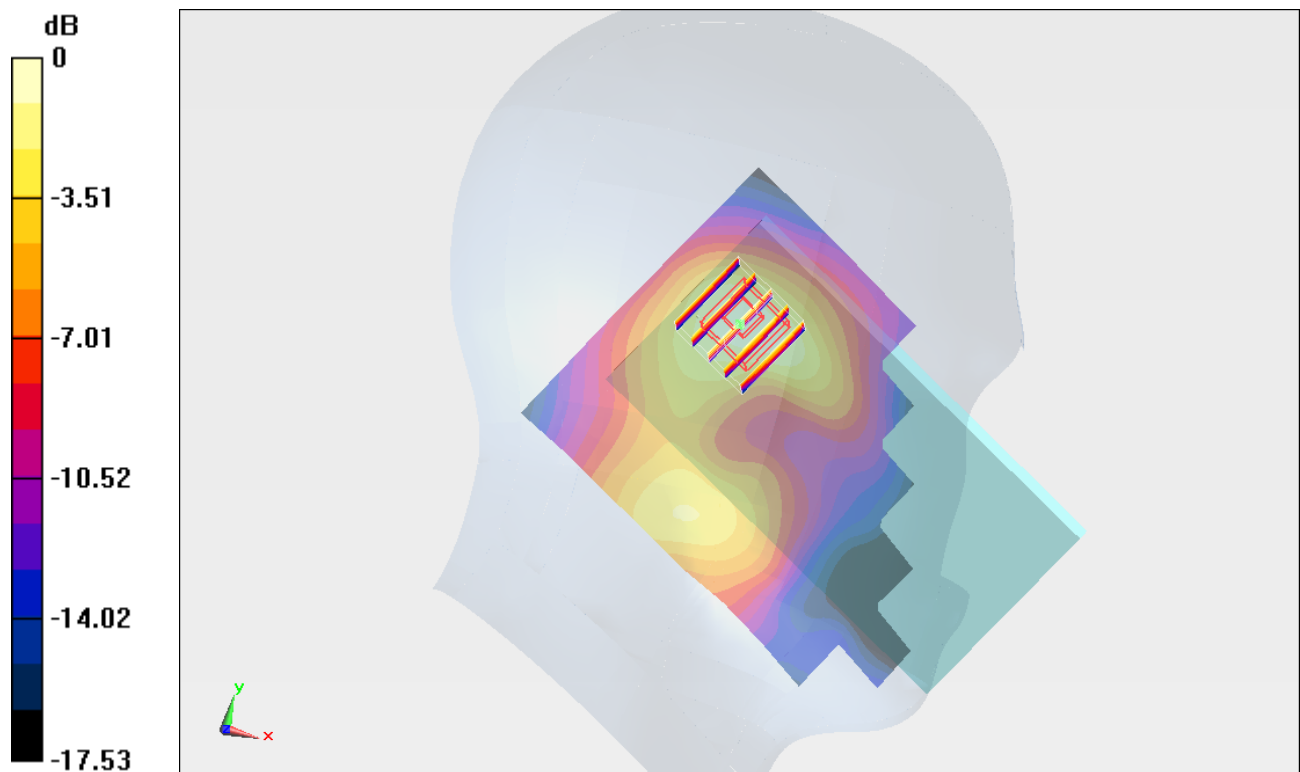
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.799 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.5420

SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.215 mW/g

Maximum value of SAR (measured) = 0.386 mW/g



0 dB = 0.390mW/g = -8.18 dB mW/g

#08 CDMA2000 BC1_RC3+SO55_Left Tilted_Ch25_keypad1**DUT: 162005-05**

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120213 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.378$ mho/m; $\epsilon_r =$ 40.078 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.487 mW/g

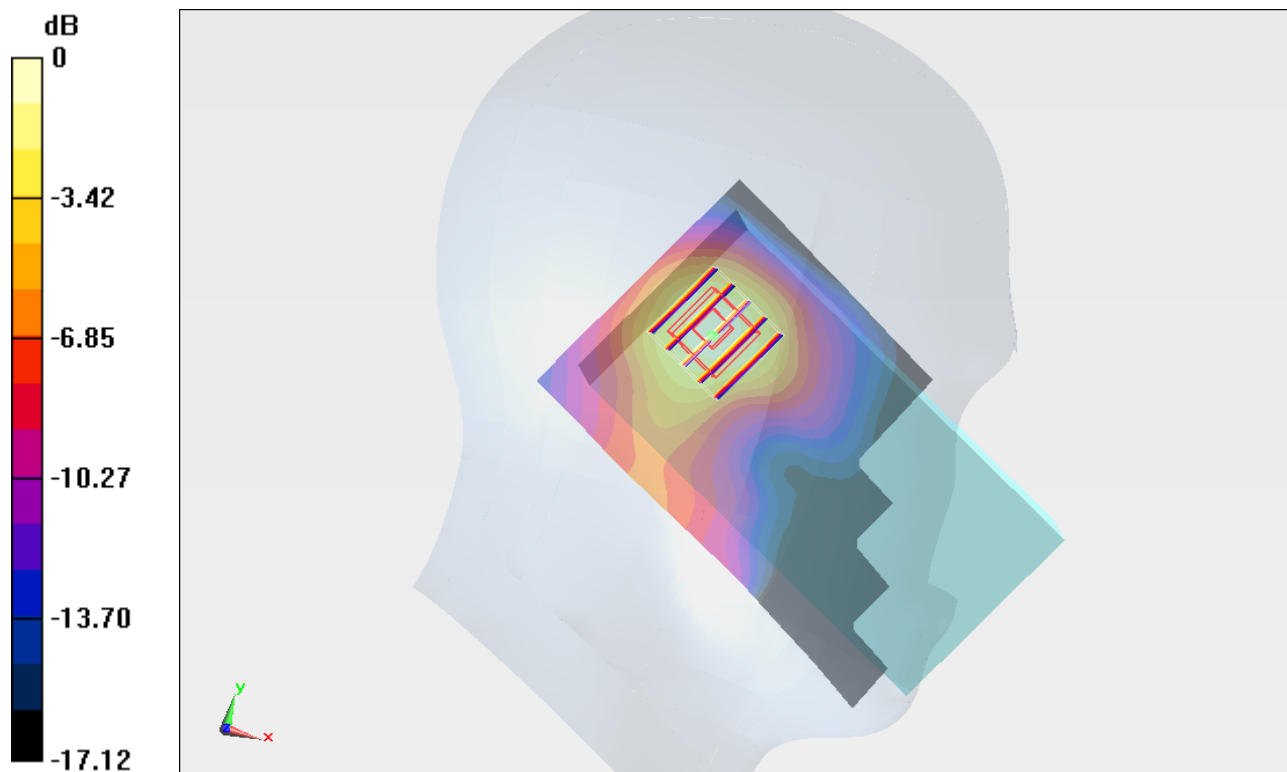
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.007 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.6930

SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.493 mW/g



0 dB = 0.490mW/g = -6.20 dB mW/g

#08 CDMA2000 BC1_RC3+SO55_Left Tilted_Ch25_keypad1_2D**DUT: 162005-05**

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120213 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.378$ mho/m; $\epsilon_r =$ 40.078 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.487 mW/g

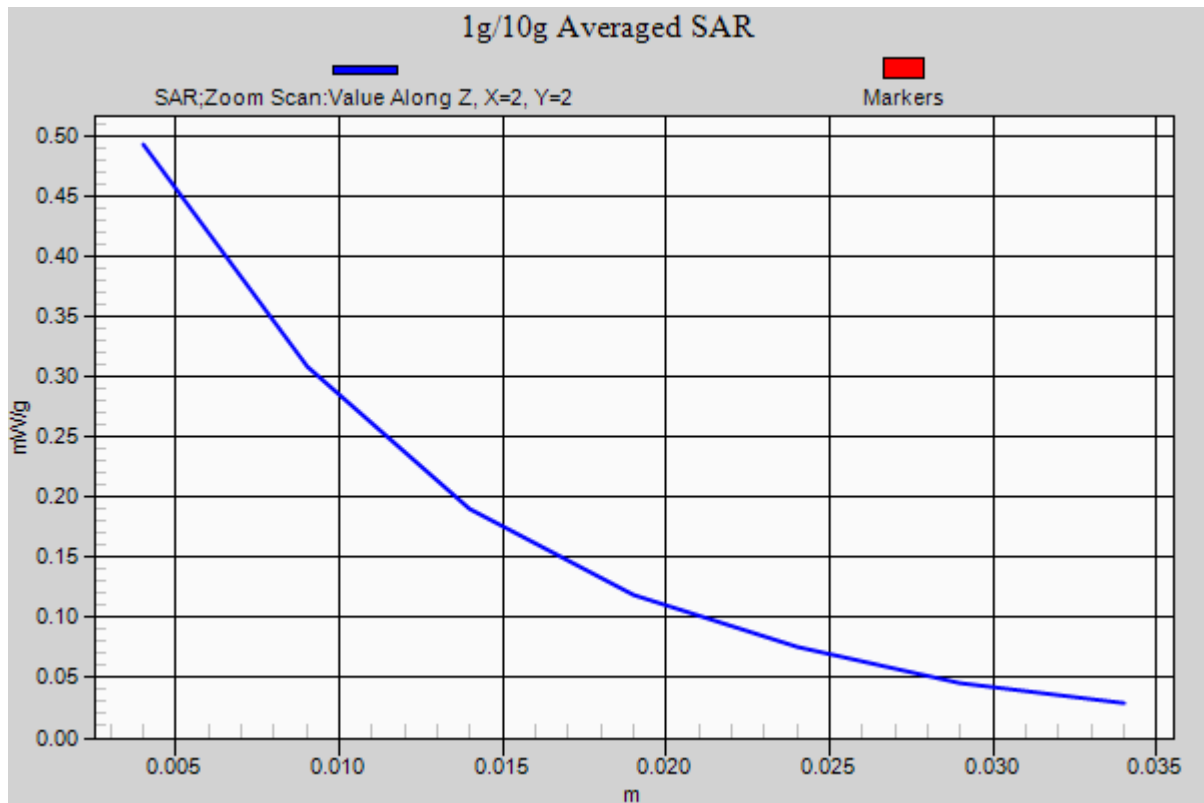
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.007 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.6930

SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.258 mW/g

Maximum value of SAR (measured) = 0.493 mW/g



#10 CDMA2000 BC1_RC3+SO55_Left Tilted_Ch25_keypad2**DUT: 162005-05**

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_120213 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.378$ mho/m; $\epsilon_r =$ 40.078 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.472 mW/g

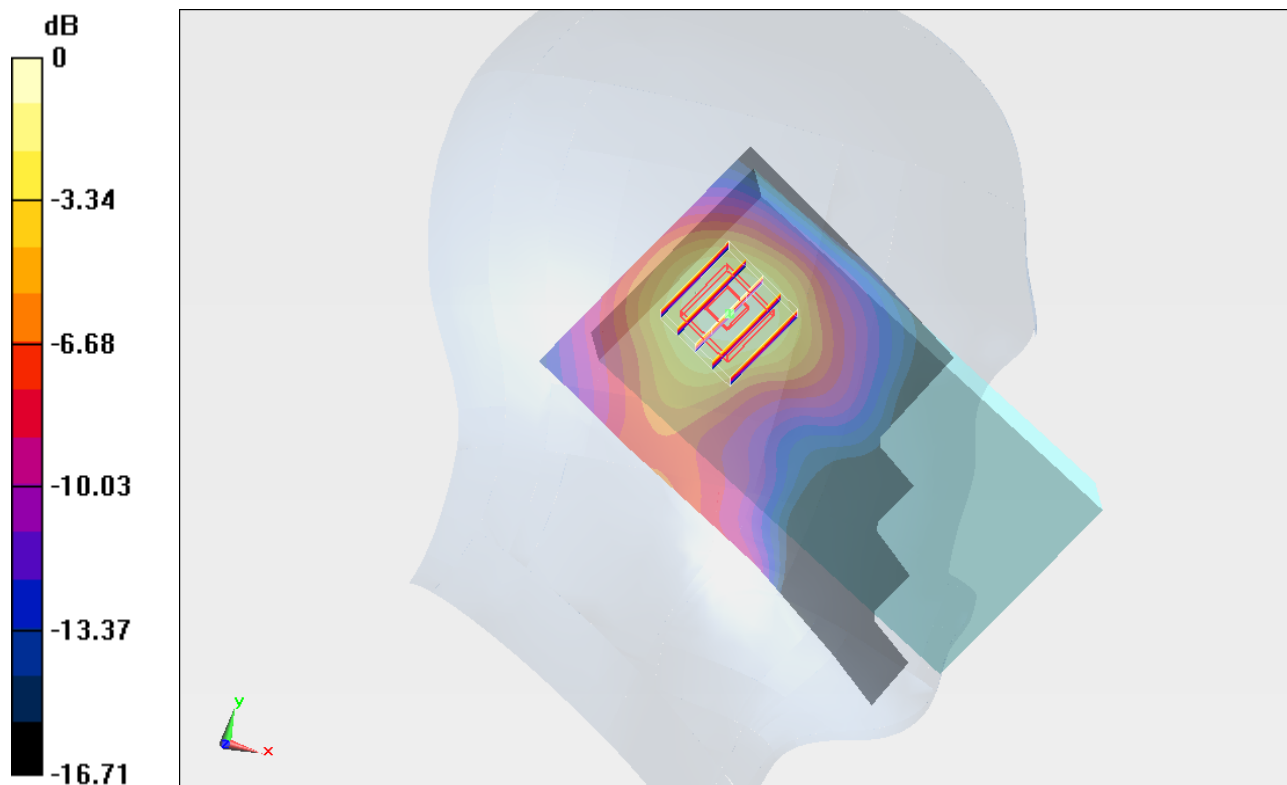
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.154 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.6340

SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.250 mW/g

Maximum value of SAR (measured) = 0.463 mW/g



0 dB = 0.460mW/g = -6.74 dB mW/g

#67 802.11b_Right Cheek_Ch11_keypad1**DUT: 162005-05**

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

Medium: HSL_2450_120216 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.829$ mho/m; $\epsilon_r =$ 37.588; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.091 mW/g

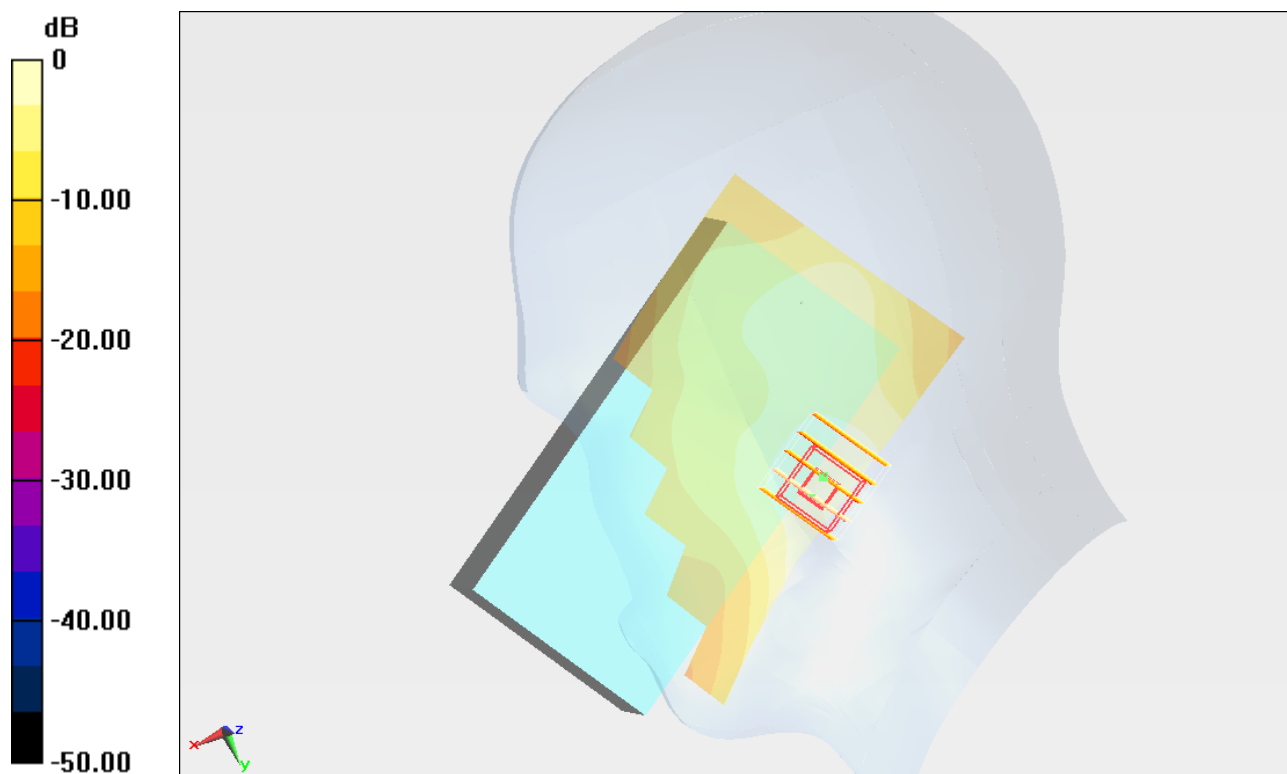
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.373 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.1910

SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.100 mW/g



0 dB = 0.100mW/g = -20.00 dB mW/g

#68 802.11b_Right Tilted_Ch11_keypad1**DUT: 162005-05**

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

Medium: HSL_2450_120216 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.829$ mho/m; $\epsilon_r =$ 37.588; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.049 mW/g

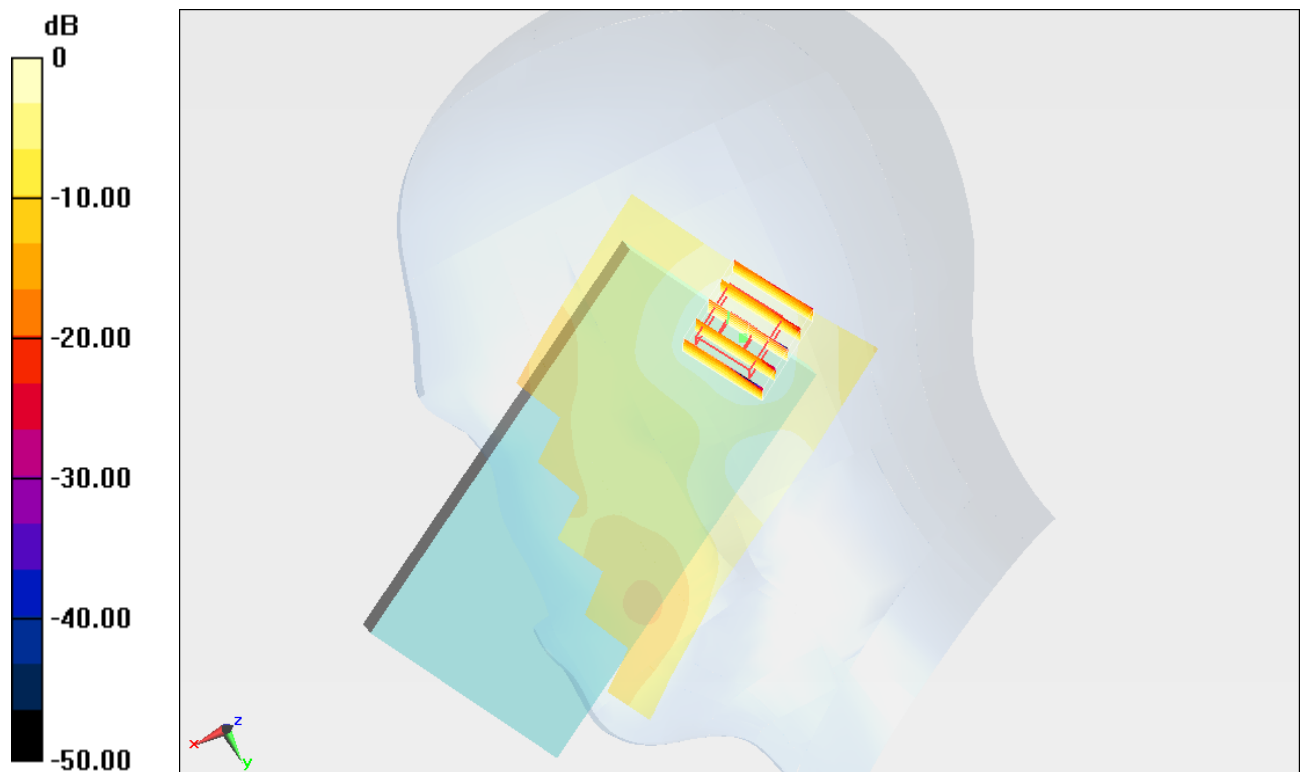
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.188 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.0990

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.049 mW/g



0 dB = 0.050mW/g = -26.02 dB mW/g

#69 802.11b_Left Cheek_Ch11_keypad1**DUT: 162005-05**

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

Medium: HSL_2450_120216 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.829$ mho/m; $\epsilon_r =$ 37.588; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.138 mW/g

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

Reference Value = 4.296 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.3750

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.169 mW/g



0 dB = 0.170mW/g = -15.39 dB mW/g

#69 802.11b_Left Cheek_Ch11_keypad1_2D**DUT: 162005-05**

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

Medium: HSL_2450_120216 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.829$ mho/m; $\epsilon_r =$ 37.588; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.138 mW/g

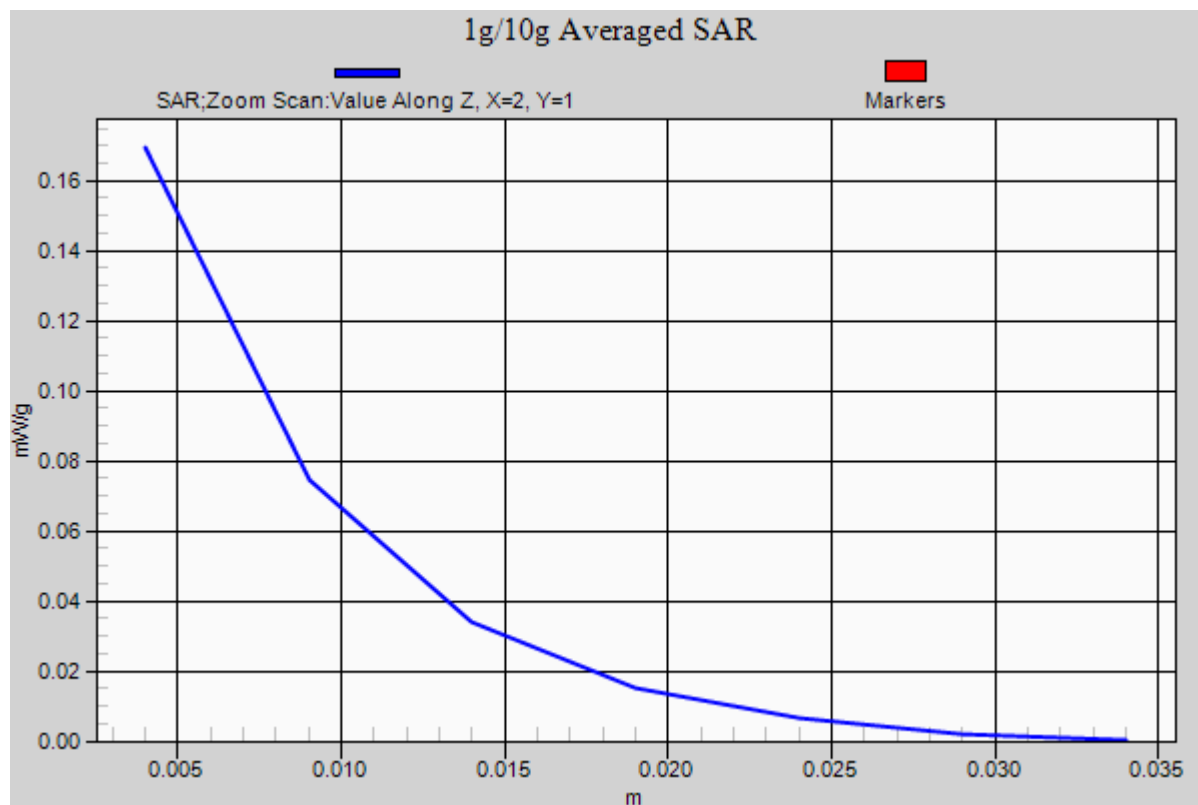
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.296 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.3750

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.169 mW/g



#70 802.11b_Left Tilted_Ch11_keypad1

DUT: 162005-05

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

Medium: HSL_2450_120216 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.829$ mho/m; $\epsilon_r =$

37.588 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (61x101x1): Measurement grid: $dx=20$ mm, $dy=20$ mm

Maximum value of SAR (interpolated) = 0.068 mW/g

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

Reference Value = 5.487 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.1310

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.066 mW/g

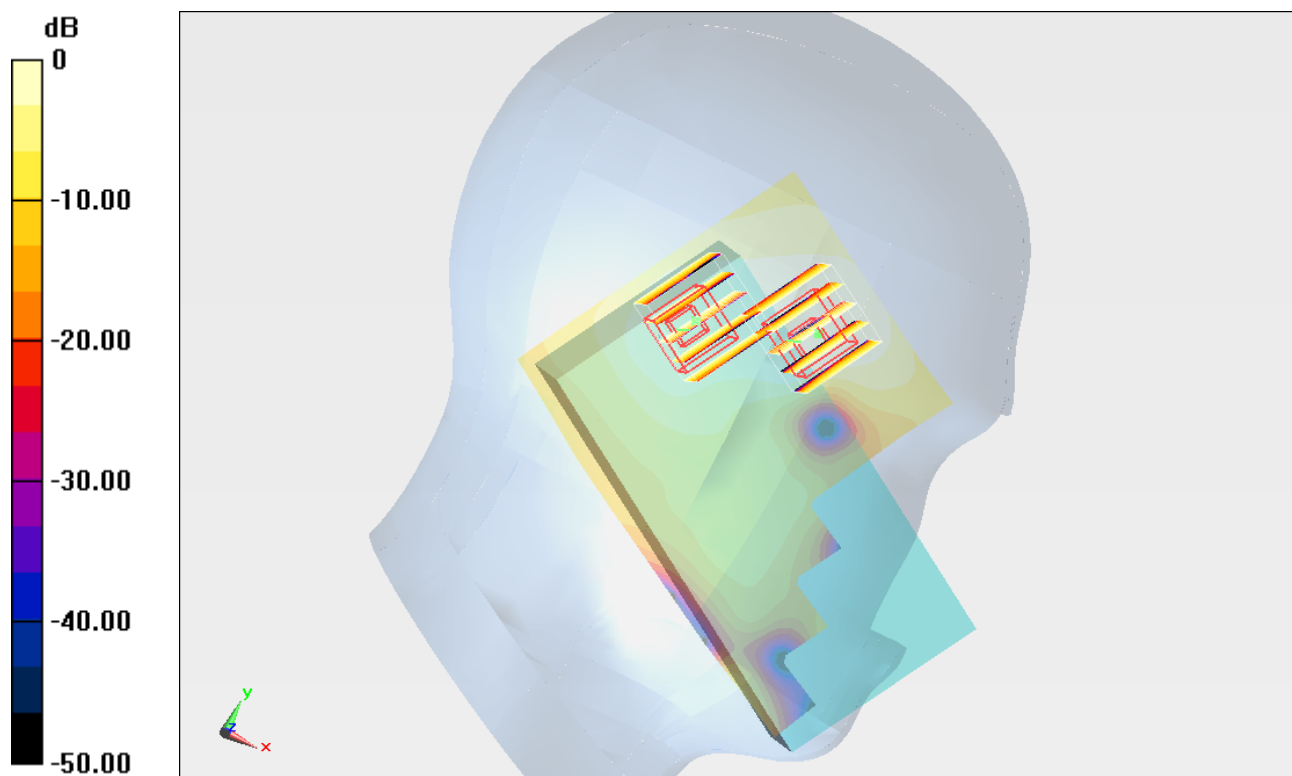
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.487 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.1080

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.055 mW/g



0 dB = 0.050mW/g = -26.02 dB mW/g

#71 802.11b_Left Cheek_Ch11_keypad2**DUT: 162005-05**

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

Medium: HSL_2450_120216 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.829$ mho/m; $\epsilon_r =$ 37.588; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.139 mW/g

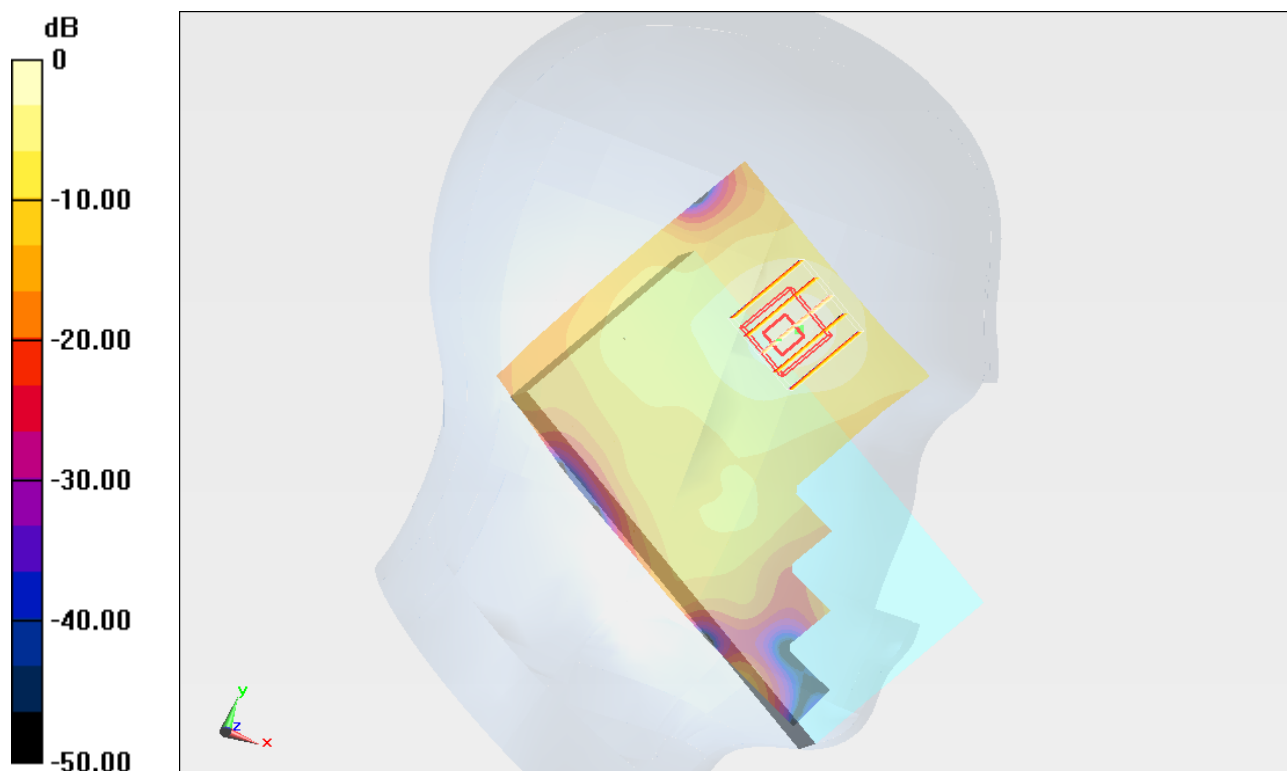
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.314 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.3590

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.170 mW/g



#23 802.11a_Right Cheek_Ch44_Keypad1**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120214 Medium parameters used: $f = 5220$ MHz; $\sigma = 4.829$ mho/m; $\epsilon_r = 35.453$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.95, 4.95, 4.95); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch44/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.099 mW/g

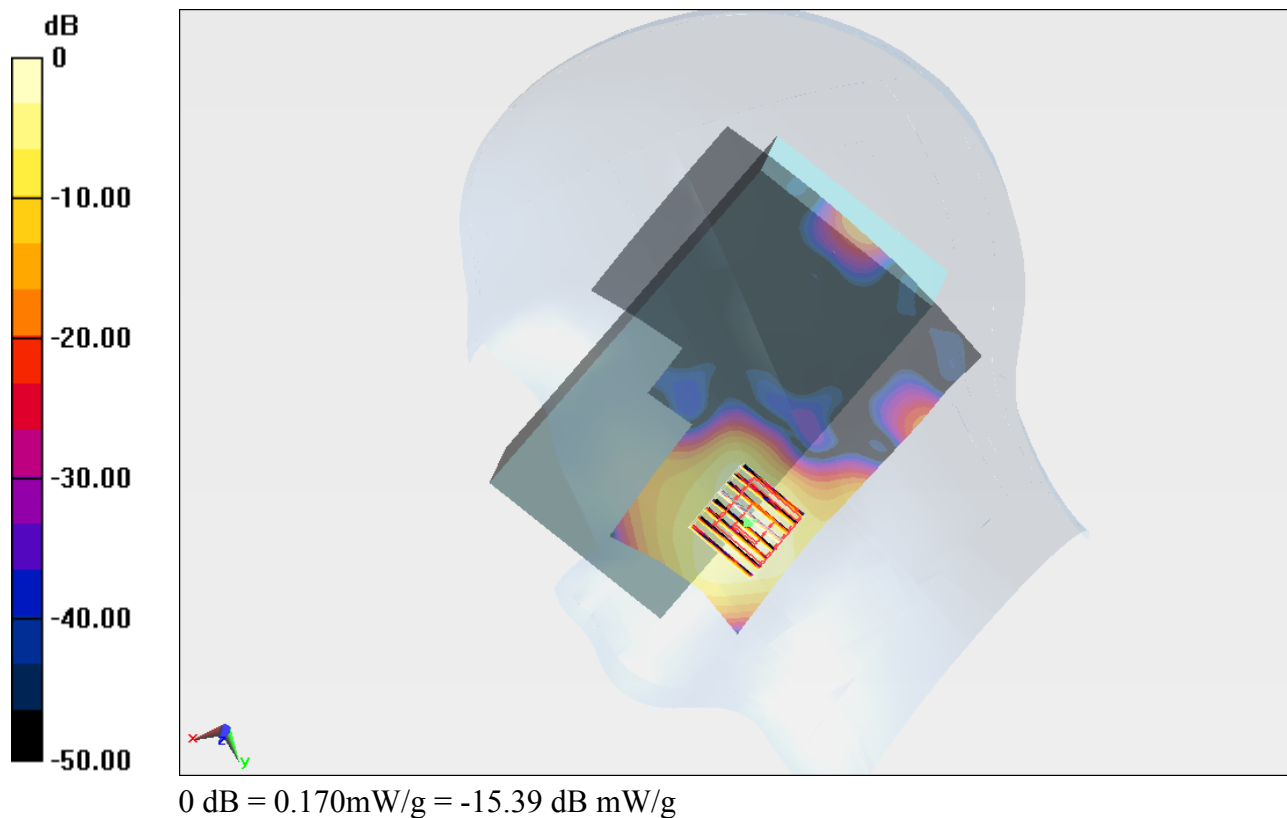
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.591 V/m; Power Drift = 0.159 dB

Peak SAR (extrapolated) = 0.2670

SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.166 mW/g



#24 802.11a_Right Tilted_Ch44_Keypad1**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120214 Medium parameters used: $f = 5220$ MHz; $\sigma = 4.829$ mho/m; $\epsilon_r = 35.453$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.95, 4.95, 4.95); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch44/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.033 mW/g

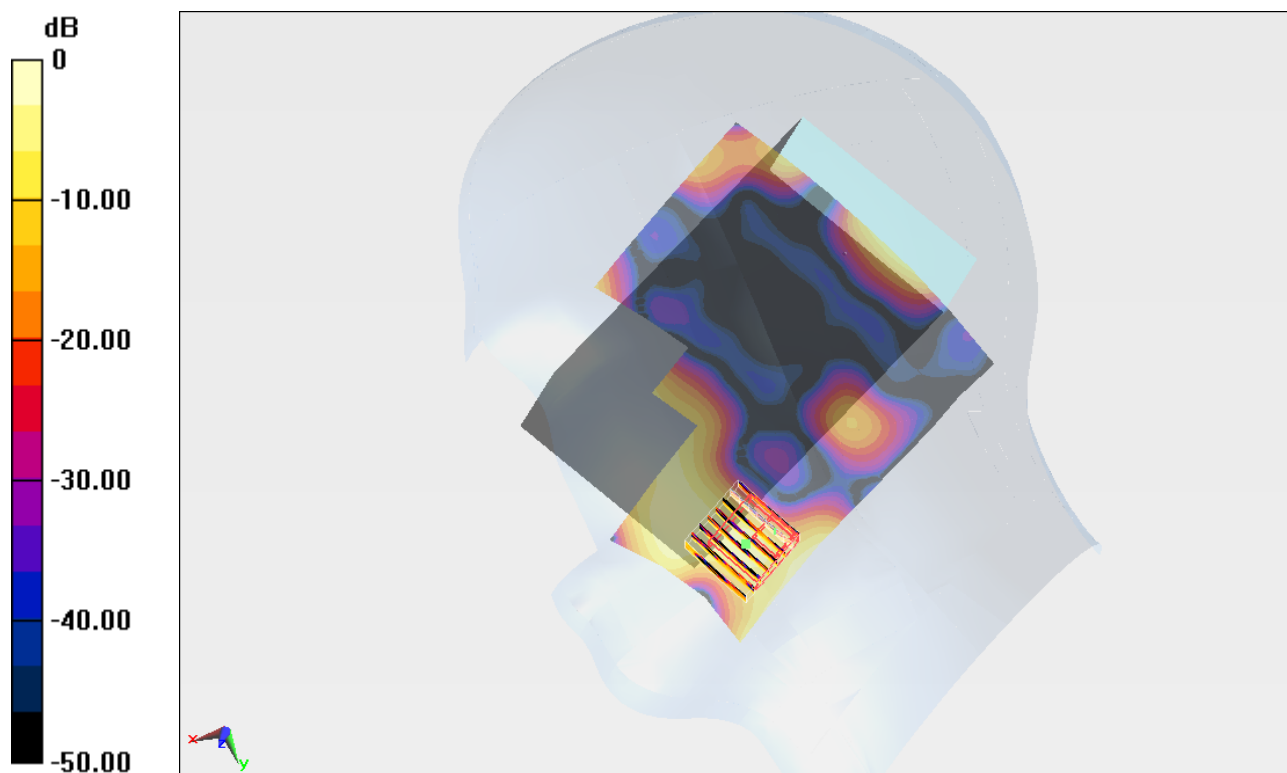
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.830 V/m; Power Drift = 0.175 dB

Peak SAR (extrapolated) = 0.1080

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.066 mW/g



0 dB = 0.070mW/g = -23.10 dB mW/g

#25 802.11a_Left Cheek_Ch44_Keypad1**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120214 Medium parameters used: $f = 5220$ MHz; $\sigma = 4.829$ mho/m; $\epsilon_r = 35.453$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.95, 4.95, 4.95); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch44/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.015 mW/g

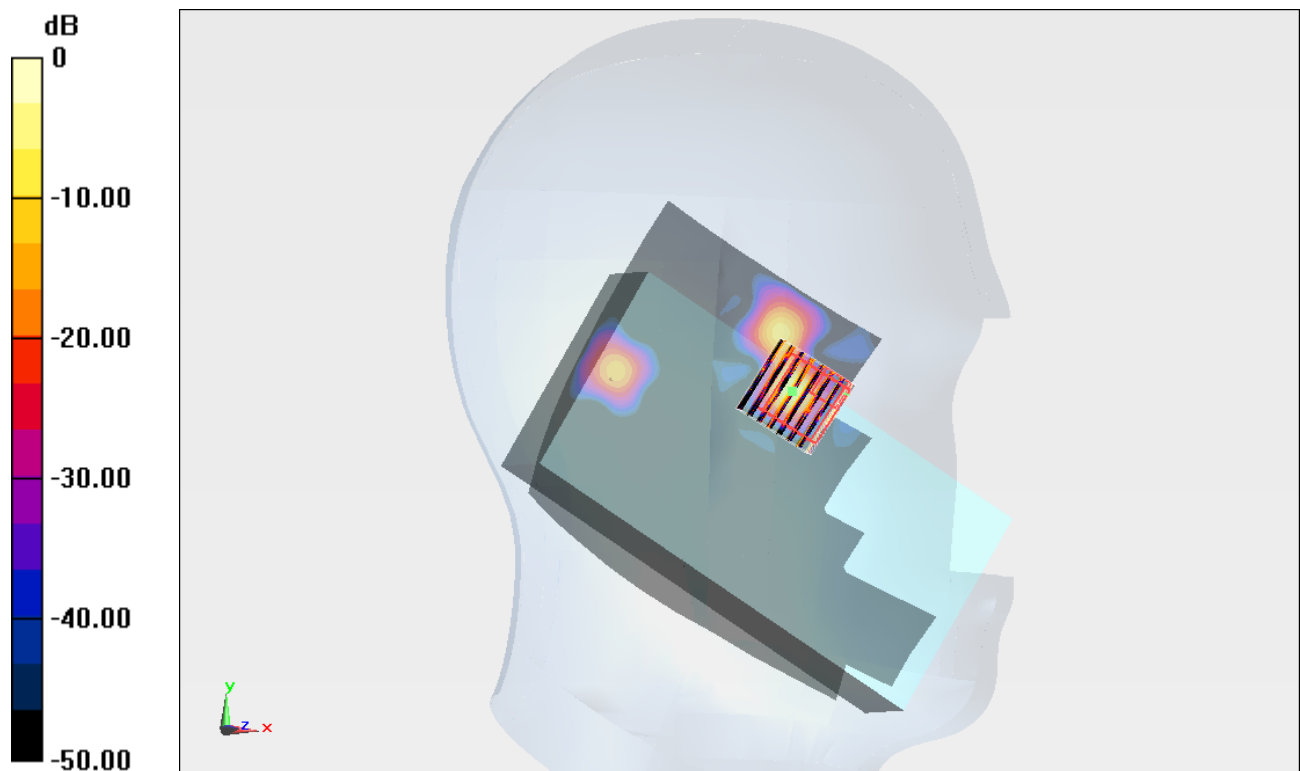
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.663 V/m; Power Drift = 0.171 dB

Peak SAR (extrapolated) = 0.2160

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.00519 mW/g

Maximum value of SAR (measured) = 0.067 mW/g



0 dB = 0.070mW/g = -23.10 dB mW/g

#26 802.11a_Left Tilted_Ch44_Keypad1**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120214 Medium parameters used: $f = 5220$ MHz; $\sigma = 4.829$ mho/m; $\epsilon_r = 35.453$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.95, 4.95, 4.95); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch44/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.044 mW/g

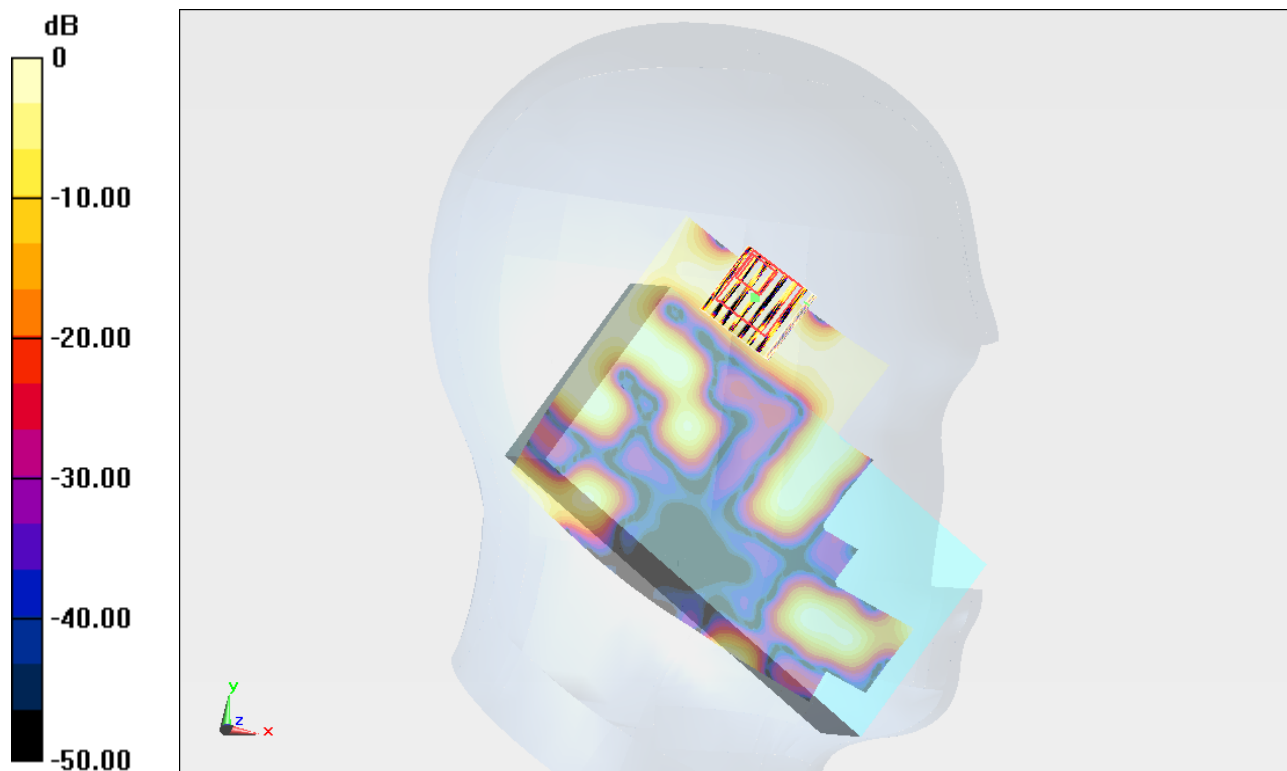
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.444 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.00770

SAR(1 g) = 3.59e-005 mW/g; SAR(10 g) = 3.46e-006 mW/g

Maximum value of SAR (measured) = 0.00807 mW/g



0 dB = 0.0081mW/g = -41.83 dB mW/g

#27 802.11a_Right Cheek_Ch44_Keypad2**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120214 Medium parameters used : $f = 5220$ MHz; $\sigma = 4.829$ mho/m; $\epsilon_r = 35.453$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.95, 4.95, 4.95); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch44/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.150 mW/g

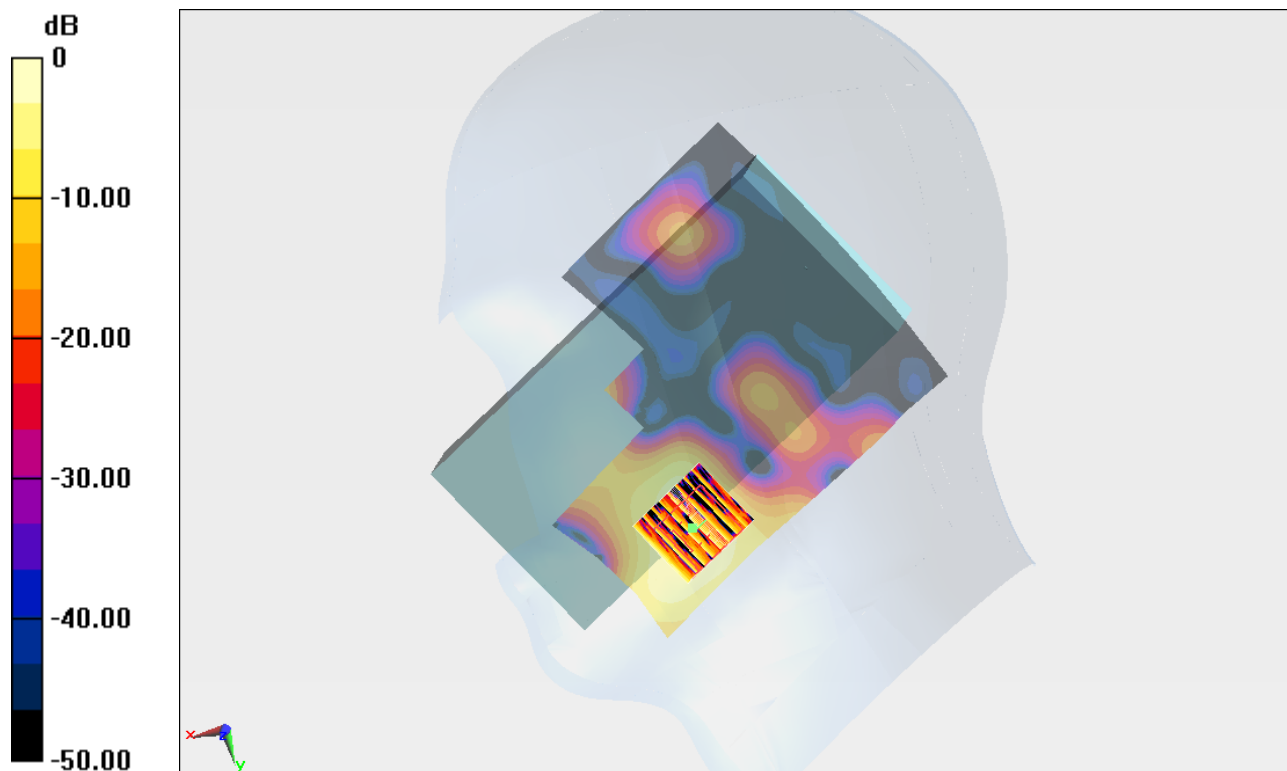
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.712 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 0.3680

SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.212 mW/g



0 dB = 0.210mW/g = -13.56 dB mW/g

#27 802.11a_Right Cheek_Ch44_Keypad2_2D**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120214 Medium parameters used : $f = 5220$ MHz; $\sigma = 4.829$ mho/m; $\epsilon_r =$ 35.453 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.95, 4.95, 4.95); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch44/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.150 mW/g

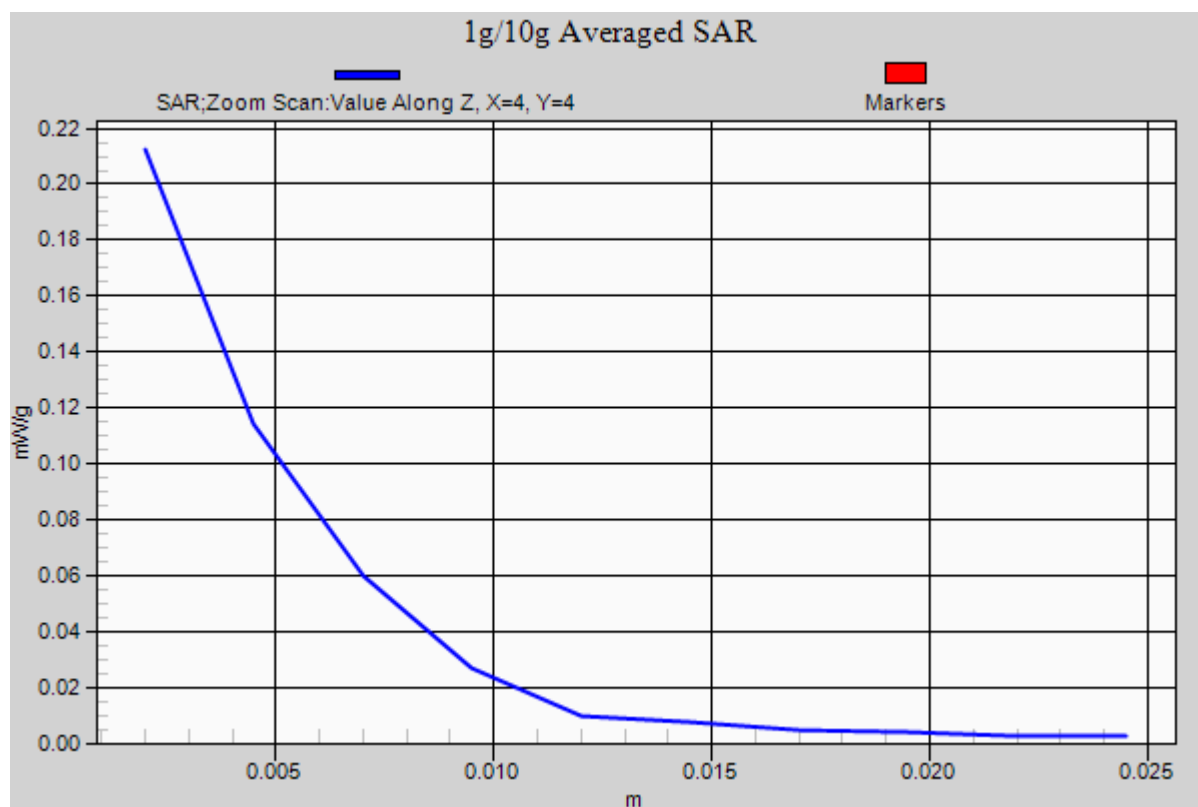
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.712 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 0.3680

SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.212 mW/g



#28 802.11a_Right Cheek_Ch52_Keypad1**DUT: 162005-05**

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

Medium: HSL_5G_120214 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.875$ mho/m; $\epsilon_r = 35.403$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.098 mW/g

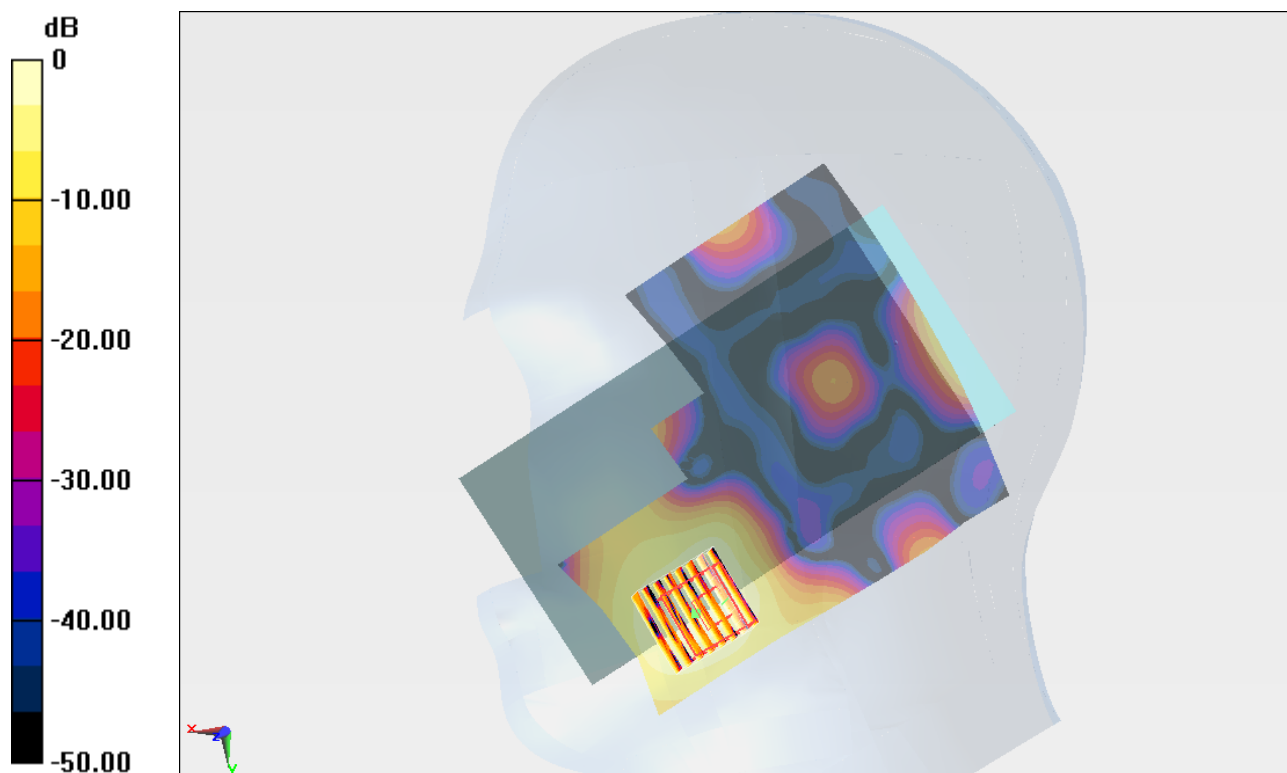
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.067 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.2640

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.162 mW/g



0 dB = 0.160mW/g = -15.92 dB mW/g

#29 802.11a_Right Tilted_Ch52_Keypad1**DUT: 162005-05**

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

Medium: HSL_5G_120214 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.875$ mho/m; $\epsilon_r = 35.403$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.041 mW/g

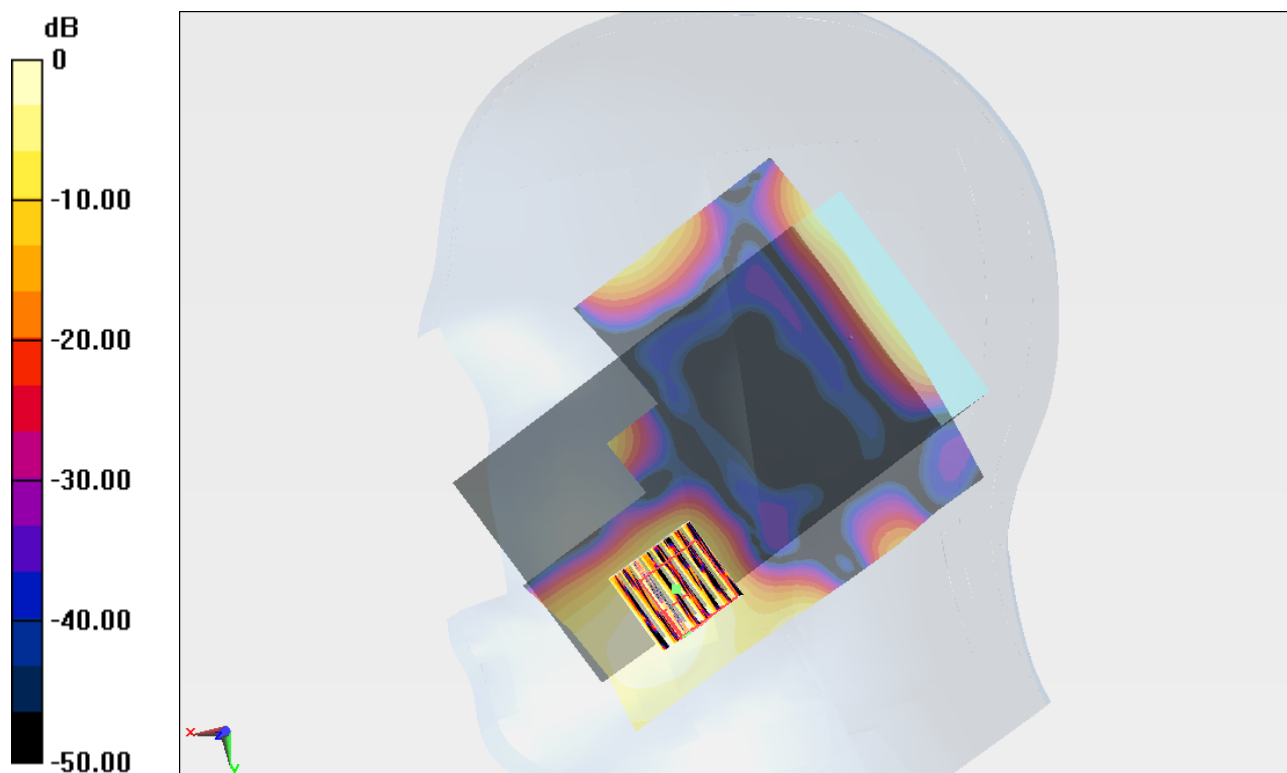
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.388 V/m; Power Drift = 0.186 dB

Peak SAR (extrapolated) = 0.2280

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.062 mW/g



0 dB = 0.060mW/g = -24.44 dB mW/g

#30 802.11a_Left Cheek_Ch52_Keypad1**DUT: 162005-05**

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

Medium: HSL_5G_120214 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.875$ mho/m; $\epsilon_r = 35.403$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.105 mW/g

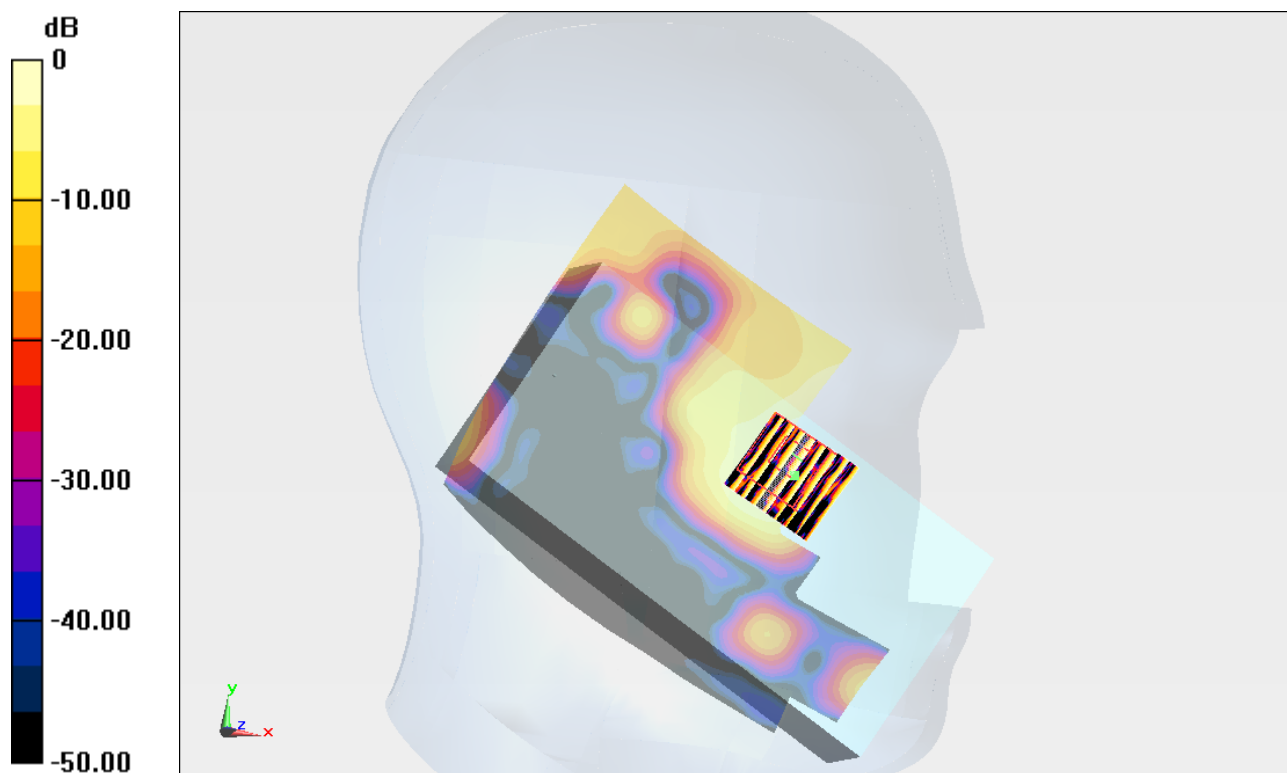
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.347 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 0.2060

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.128 mW/g



0 dB = 0.130mW/g = -17.72 dB mW/g

#31 802.11a_Left Tilted_Ch52_Keypad1**DUT: 162005-05**

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

Medium: HSL_5G_120214 Medium parameters used : $f = 5260$ MHz; $\sigma = 4.875$ mho/m; $\epsilon_r = 35.403$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.049 mW/g

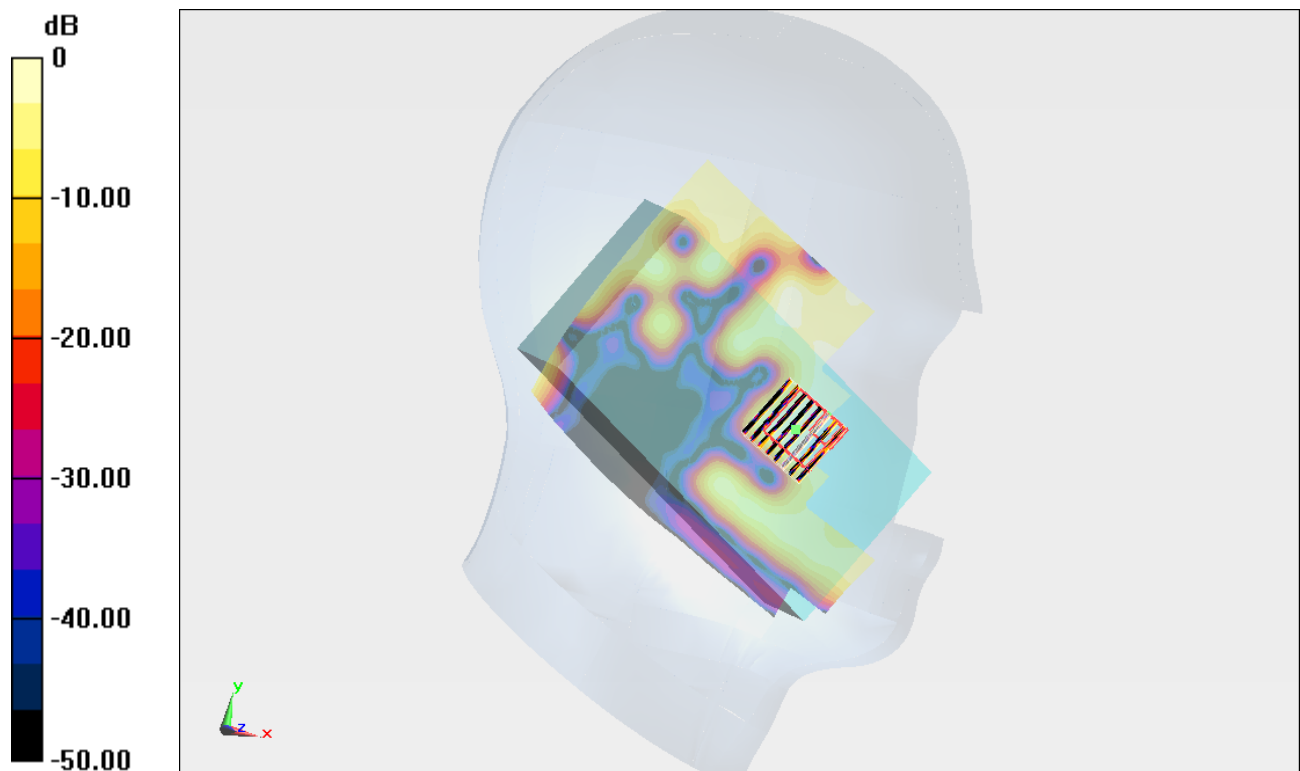
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.148 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.2050

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00421 mW/g

Maximum value of SAR (measured) = 0.033 mW/g



0 dB = 0.030mW/g = -30.46 dB mW/g

#32 802.11a_Right Cheek_Ch52_Keypad2**DUT: 162005-05**

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

Medium: HSL_5G_120214 Medium parameters used : $f = 5260$ MHz; $\sigma = 4.875$ mho/m; $\epsilon_r = 35.403$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.147 mW/g

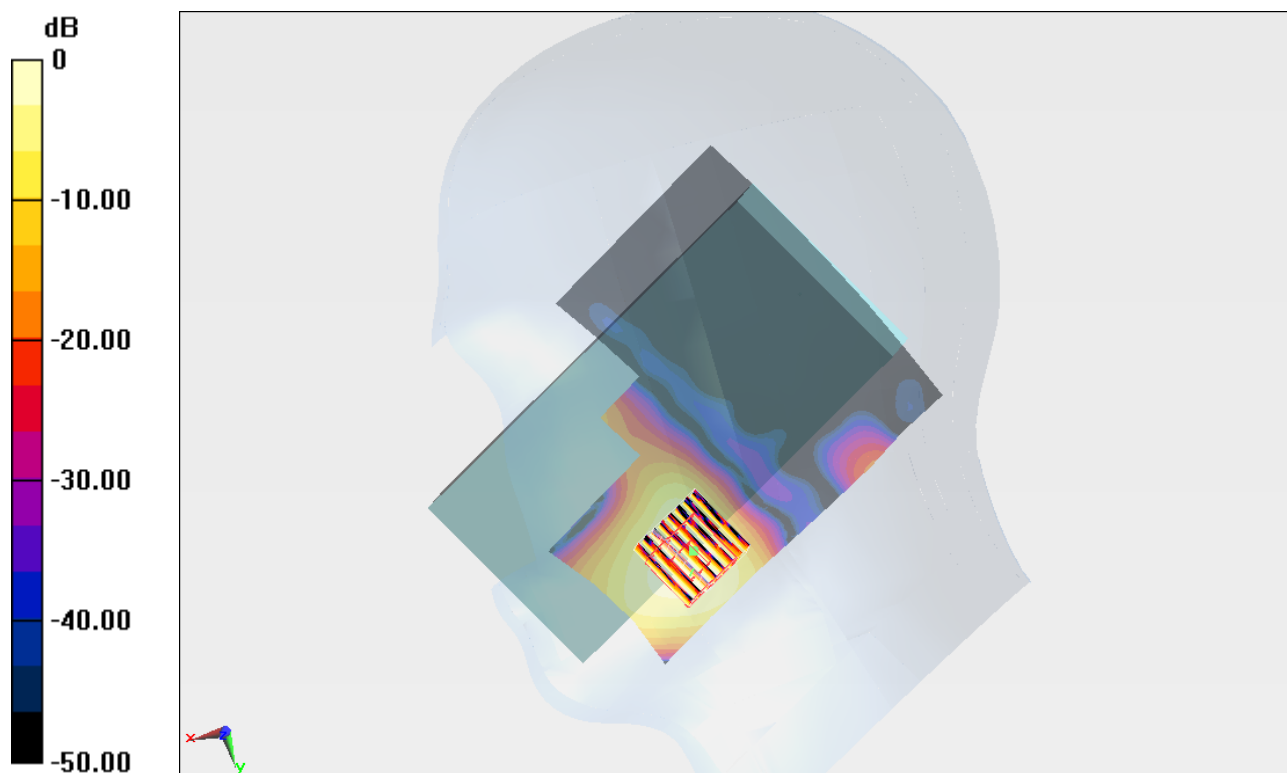
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 0.3270

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.197 mW/g



0 dB = 0.200mW/g = -13.98 dB mW/g

#32 802.11a_Right Cheek_Ch52_Keypad2_2D**DUT: 162005-05**

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

Medium: HSL_5G_120214 Medium parameters used : $f = 5260$ MHz; $\sigma = 4.875$ mho/m; $\epsilon_r =$ 35.403 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.147 mW/g

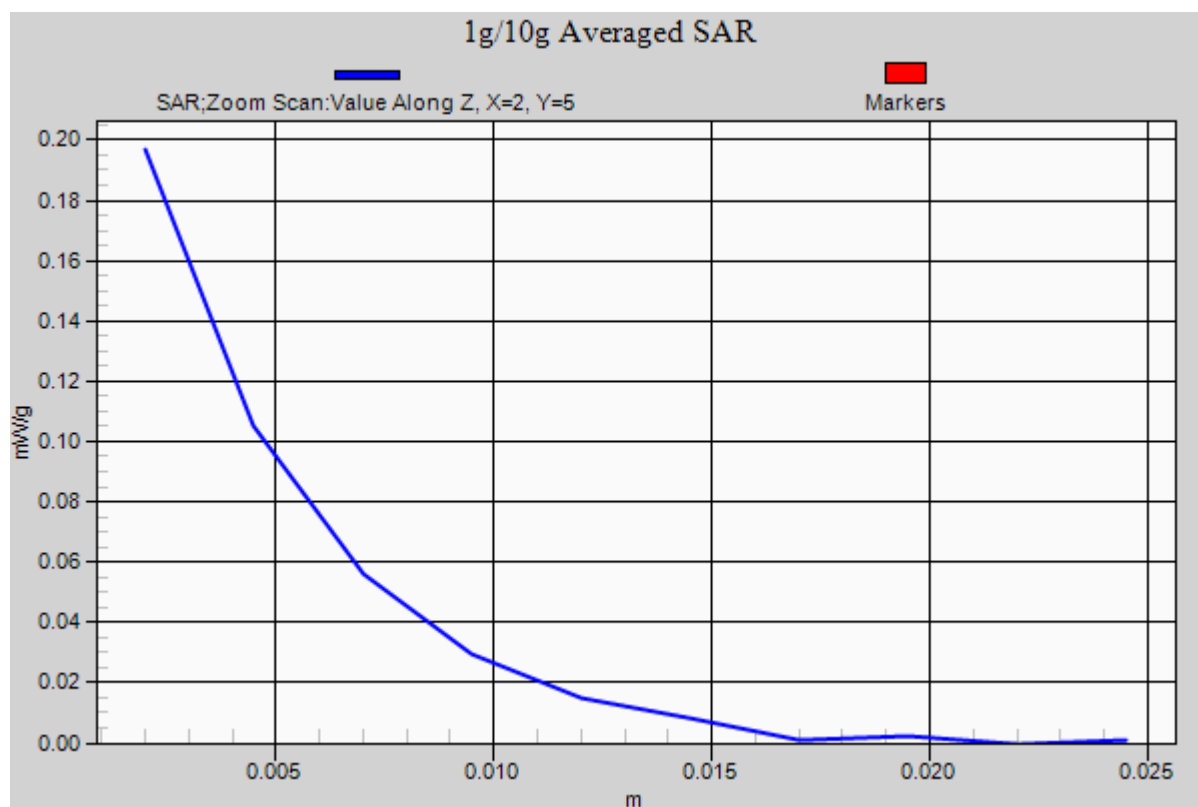
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 0.3270

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.197 mW/g



#33 802.11a_Right Cheek_Ch100_Keypad1**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120214 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.124$ mho/m; $\epsilon_r = 34.991$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.066 mW/g

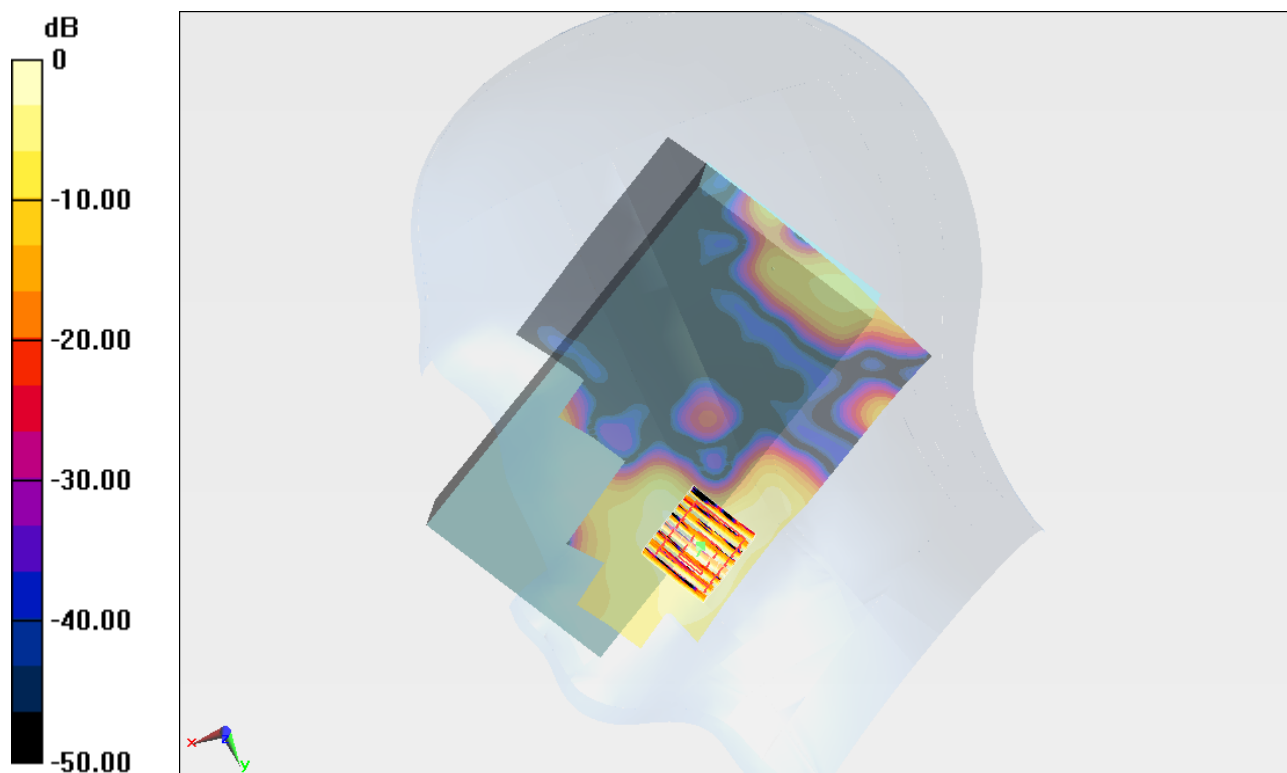
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.090 V/m; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 0.2750

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.111 mW/g



0 dB = 0.110mW/g = -19.17 dB mW/g

#34 802.11a_Right Tilted_Ch100_Keypad1

DUT: 162005-05

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120214 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.124$ mho/m; $\epsilon_r = 34.991$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.042 mW/g

Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.055 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 0.1910

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.00811 mW/g

Maximum value of SAR (measured) = 0.057 mW/g

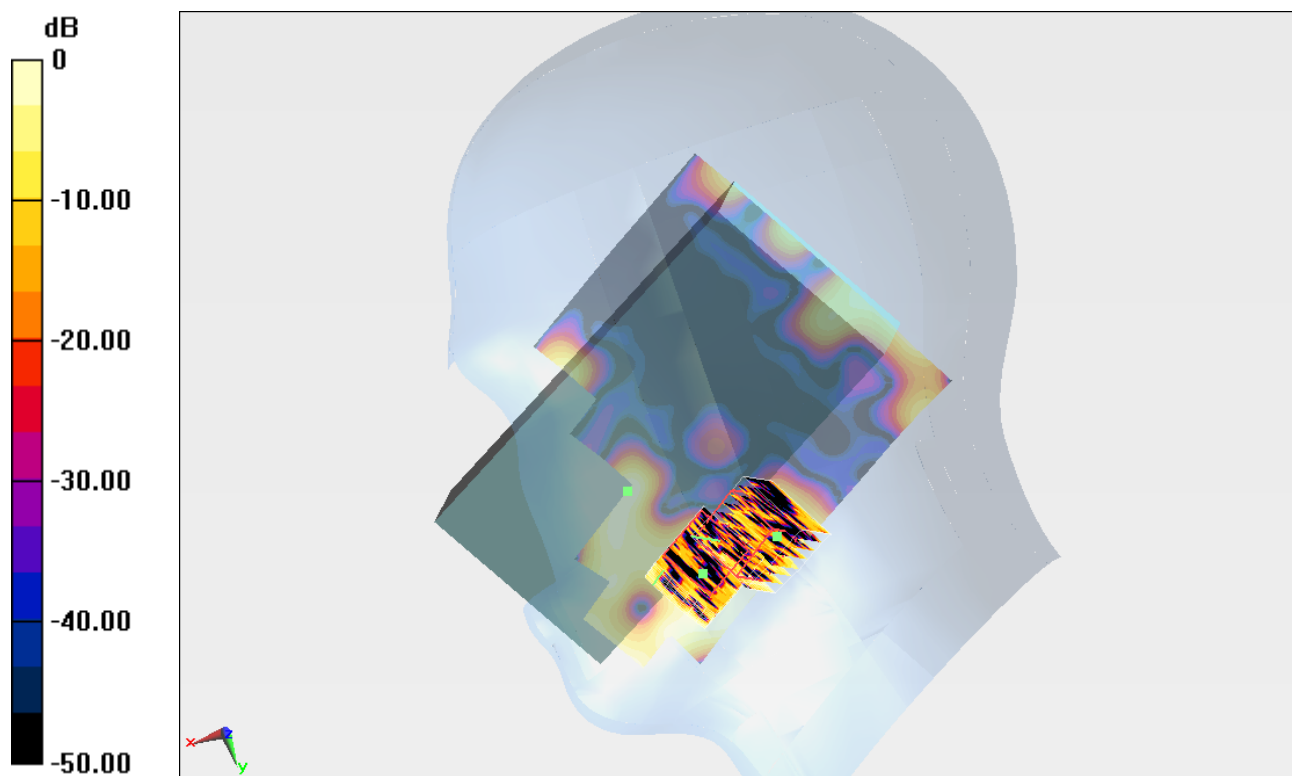
Ch100/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.055 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 0.0920

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.0048 mW/g

Maximum value of SAR (measured) = 0.033 mW/g



0 dB = 0.030mW/g = -30.46 dB mW/g

#35 802.11a_Left Cheek_Ch100_Keypad1**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120214 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.124$ mho/m; $\epsilon_r = 34.991$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.062 mW/g

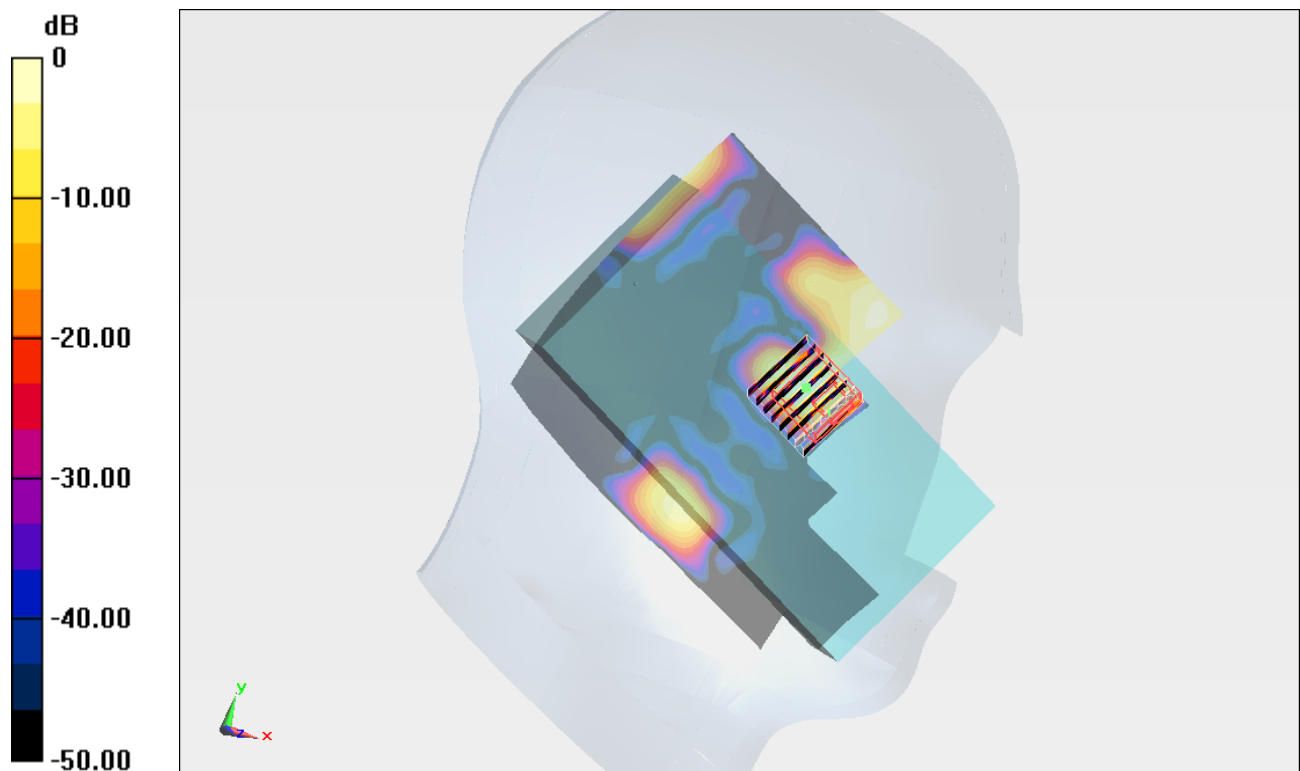
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.115 dB

Peak SAR (extrapolated) = 0.1820

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.010 mW/g

Maximum value of SAR (measured) = 0.075 mW/g



0 dB = 0.070mW/g = -23.10 dB mW/g

#36 802.11a_Left Tilted_Ch100_Keypad1**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120214 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.124$ mho/m; $\epsilon_r = 34.991$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch100/Area Scan (121x191x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.032 mW/g

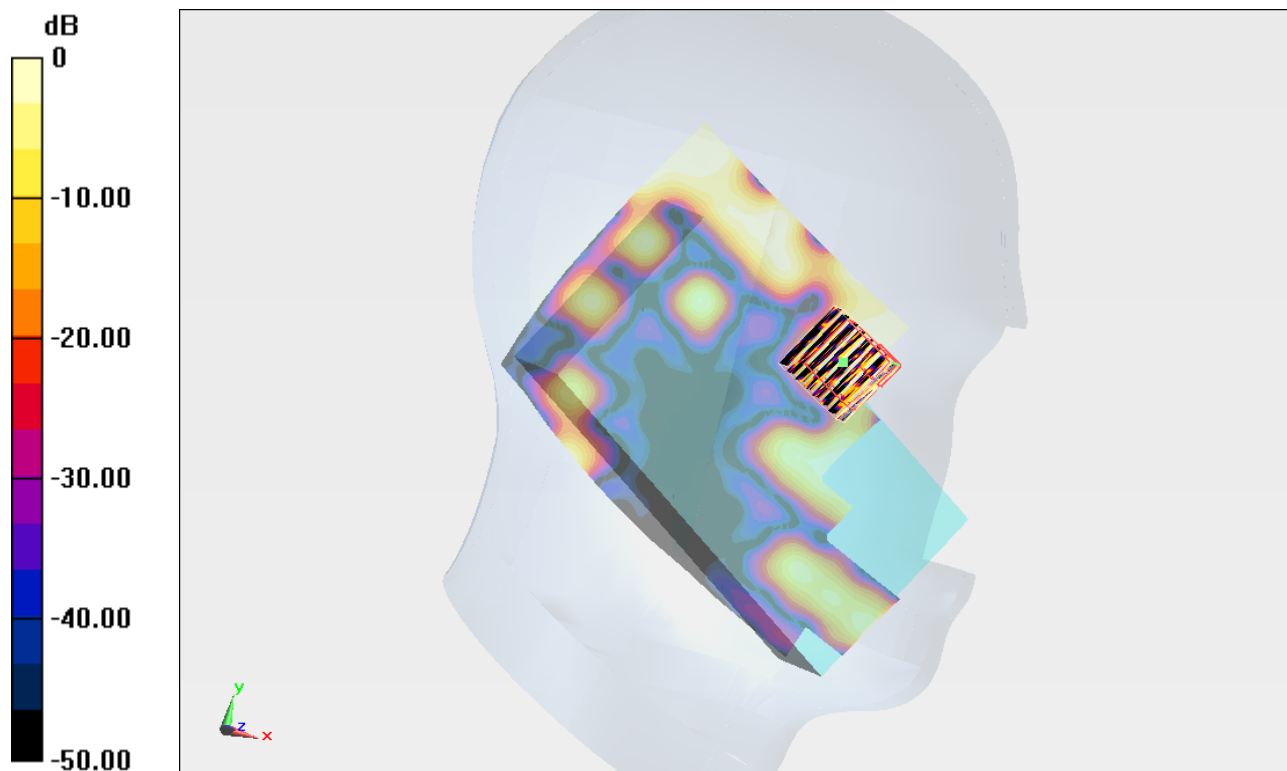
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.735 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.0760

SAR(1 g) = 0.00182 mW/g; SAR(10 g) = 0.000237 mW/g

Maximum value of SAR (measured) = 0.020 mW/g



0 dB = 0.020mW/g = -33.98 dB mW/g

#37 802.11a_Right Cheek_Ch100_Keypad2**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120214 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.124$ mho/m; $\epsilon_r = 34.991$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.075 mW/g

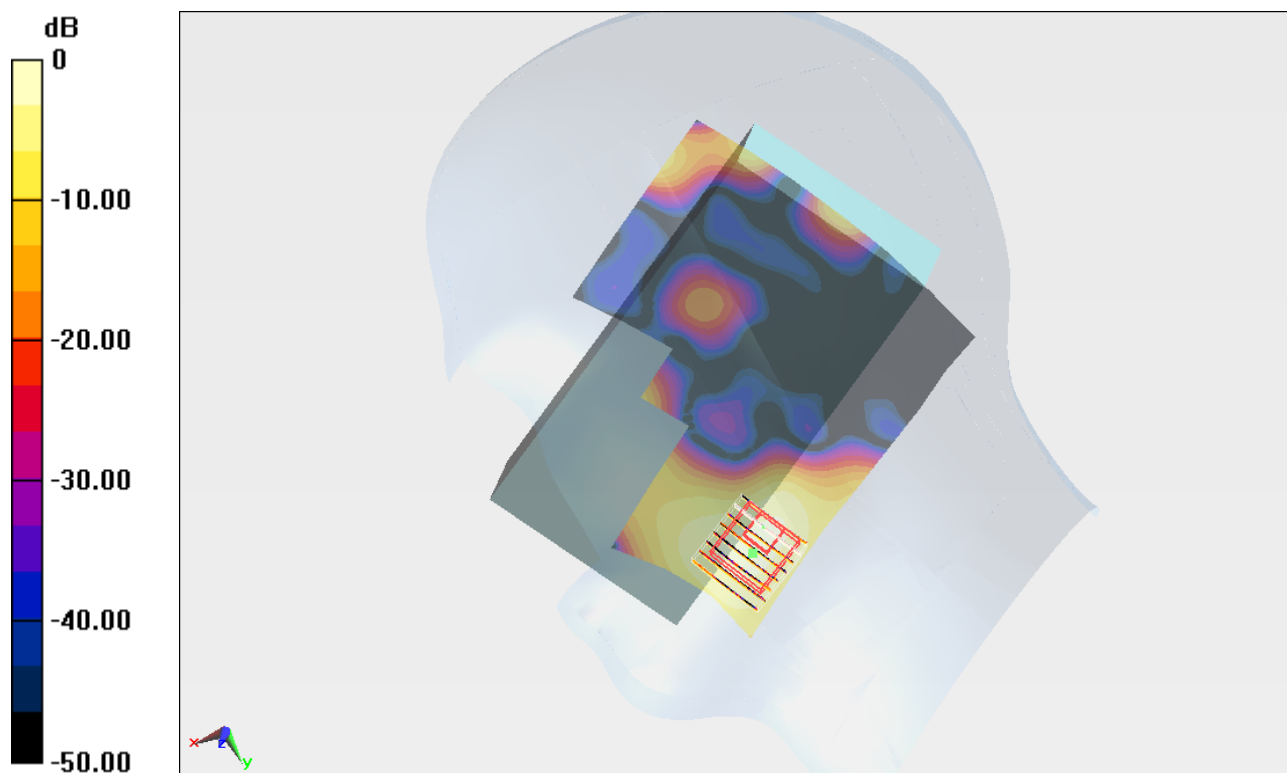
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.756 V/m; Power Drift = 0.153 dB

Peak SAR (extrapolated) = 0.1980

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.122 mW/g



0 dB = 0.120mW/g = -18.42 dB mW/g

#37 802.11a_Right Cheek_Ch100_Keypad2_2D**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL_5G_120214 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.124$ mho/m; $\epsilon_r = 34.991$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.075 mW/g

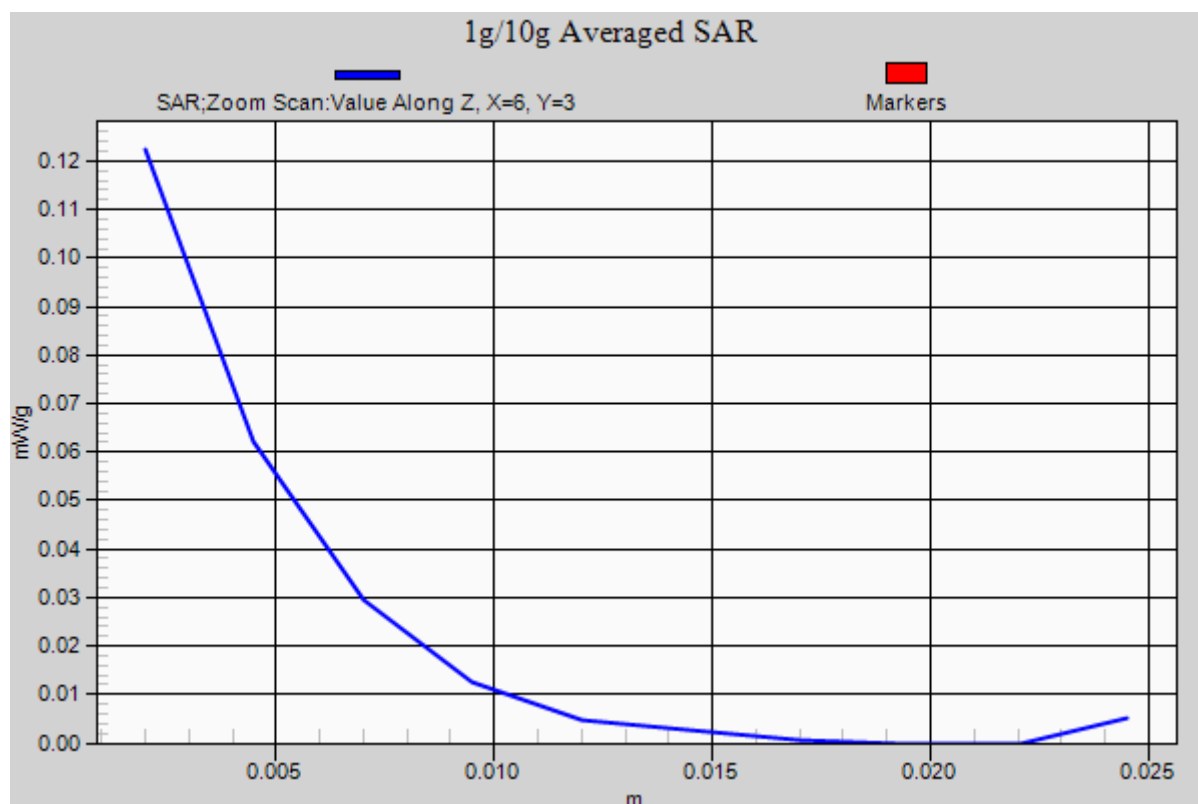
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.756 V/m; Power Drift = 0.153 dB

Peak SAR (extrapolated) = 0.1980

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.122 mW/g



#38 802.11a_Right Cheek_Ch157_Keypad1**DUT: 162005-05**

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

Medium: HSL_5G_120215 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.413$ mho/m; $\epsilon_r = 34.388$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.42, 4.42, 4.42); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.122 mW/g

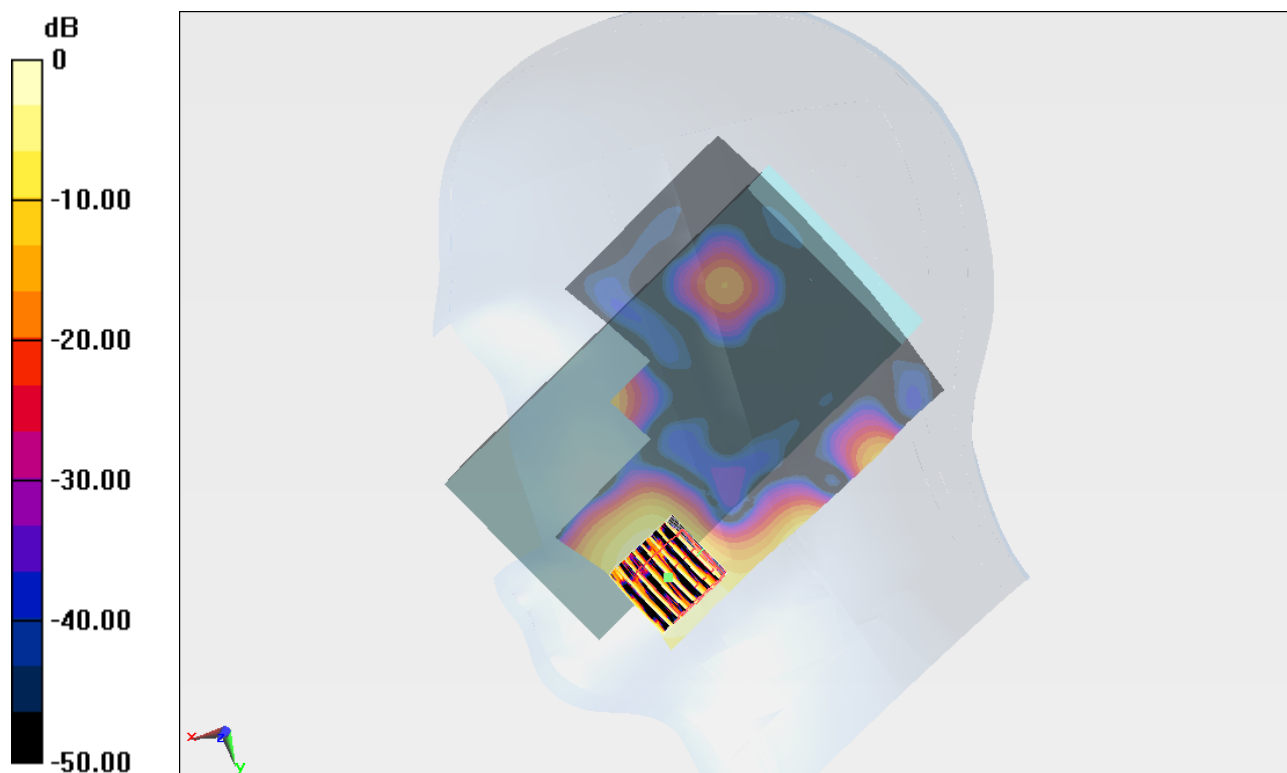
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.919 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 0.1830

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.106 mW/g



0 dB = 0.110mW/g = -19.17 dB mW/g

#39 802.11a_Right Tilted_Ch157_Keypad1**DUT: 162005-05**

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

Medium: HSL_5G_120215 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.413$ mho/m; $\epsilon_r = 34.388$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.42, 4.42, 4.42); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.050 mW/g

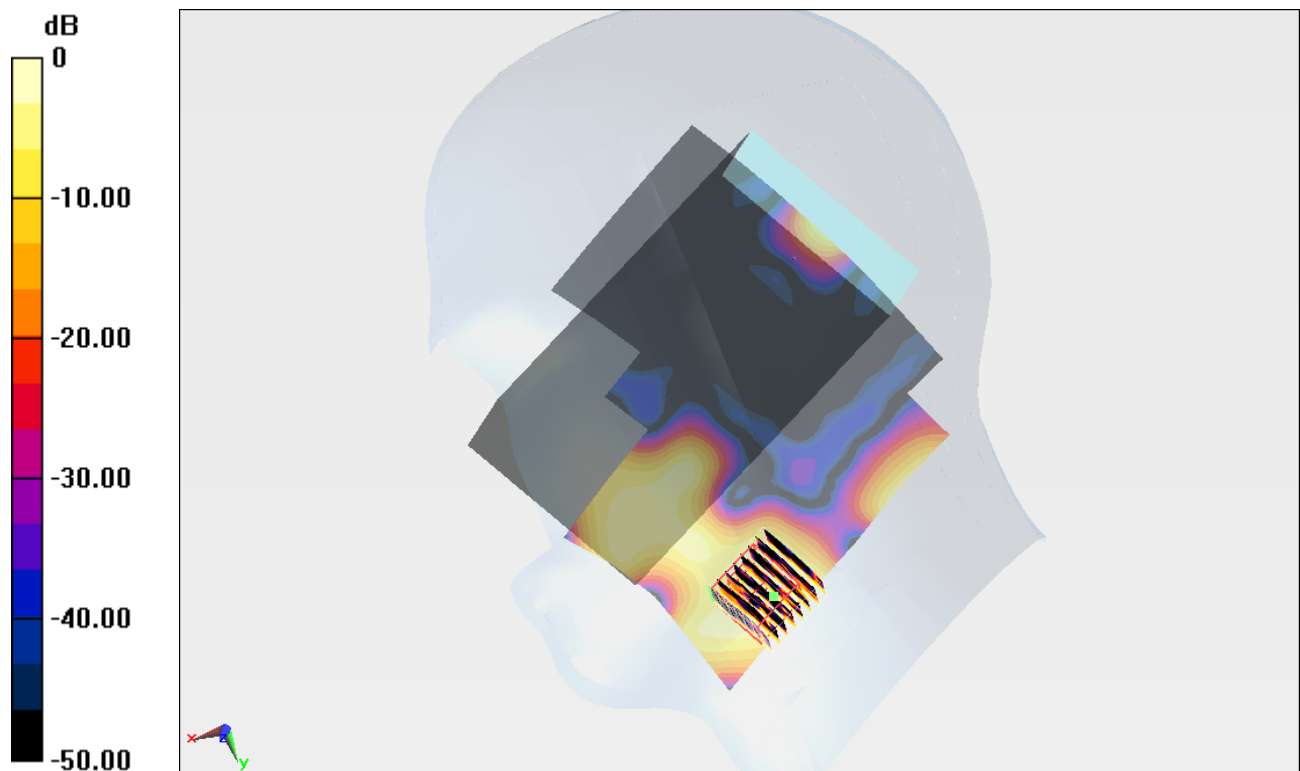
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.743 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.2050

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00406 mW/g

Maximum value of SAR (measured) = 0.059 mW/g



0 dB = 0.060mW/g = -24.44 dB mW/g

#40 802.11a_Left Cheek_Ch157_Keypad1**DUT: 162005-05**

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

Medium: HSL_5G_120215 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.413$ mho/m; $\epsilon_r = 34.388$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.42, 4.42, 4.42); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.016 mW/g

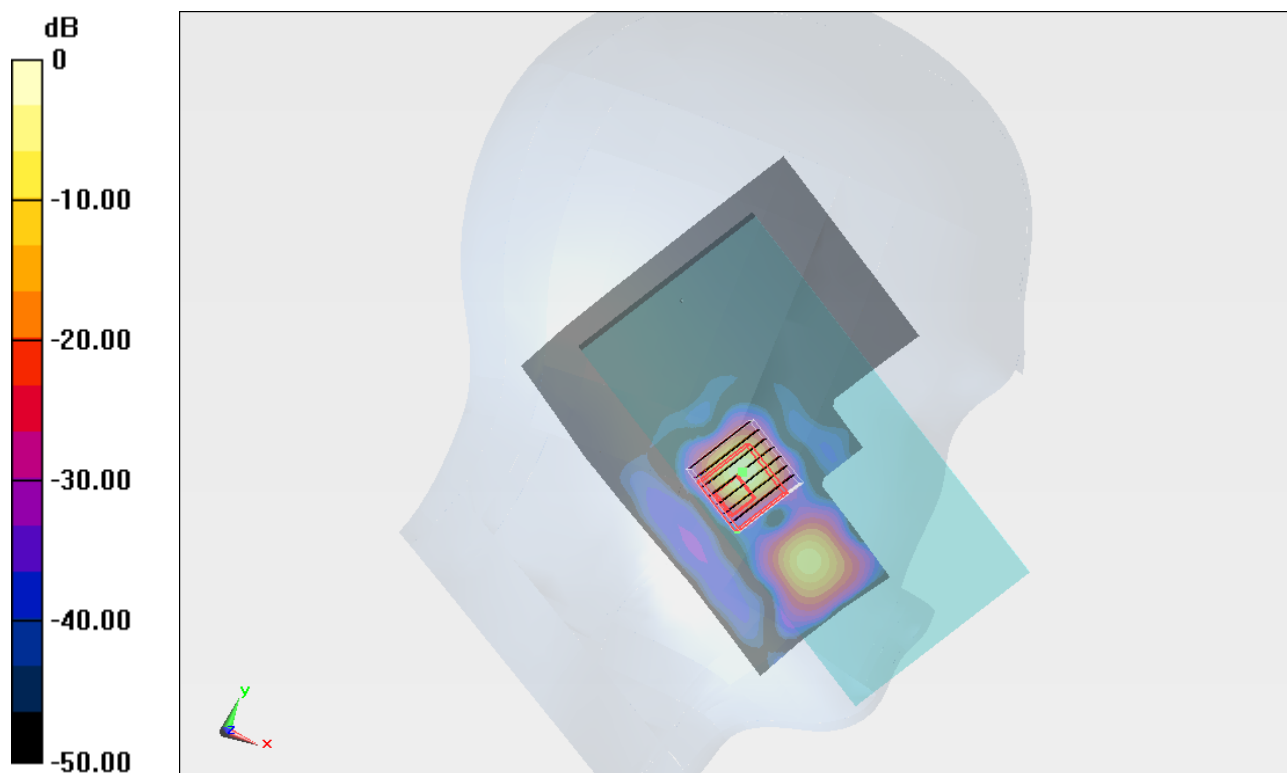
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

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

Peak SAR (extrapolated) = 0.0960

SAR(1 g) = 0.00433 mW/g; SAR(10 g) = 0.000554 mW/g

Maximum value of SAR (measured) = 0.025 mW/g



0 dB = 0.030mW/g = -30.46 dB mW/g

#41 802.11a_Left Tilted_Ch157_Keypad1**DUT: 162005-05**

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

Medium: HSL_5G_120215 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.413$ mho/m; $\epsilon_r = 34.388$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.42, 4.42, 4.42); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (121x191x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.119 mW/g

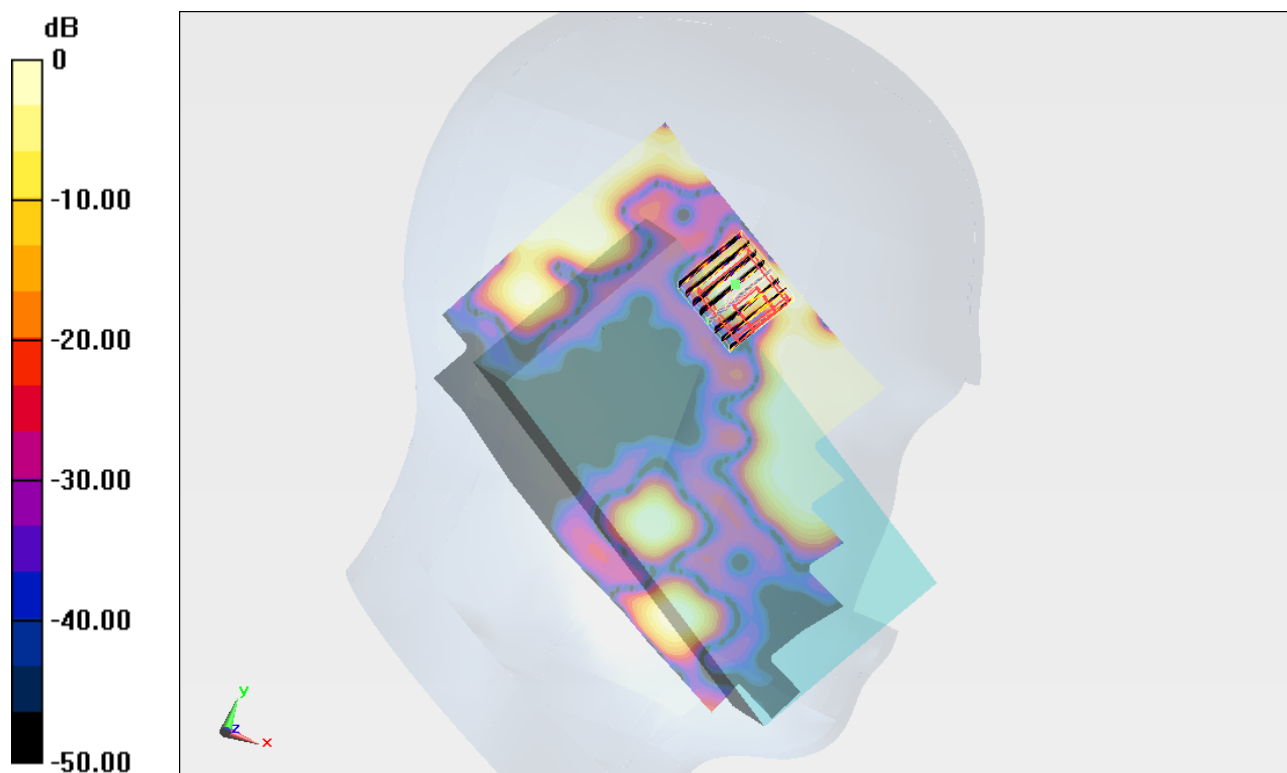
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

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

Peak SAR (extrapolated) = 0.0270

SAR(1 g) = 0.00029 mW/g; SAR(10 g) = 2.45e-005 mW/g

Maximum value of SAR (measured) = 0.014 mW/g



0 dB = 0.010mW/g = -40.00 dB mW/g

#42 802.11a_Right Cheek_Ch157_Keypad2**DUT: 162005-05**

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

Medium: HSL_5G_120215 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.413$ mho/m; $\epsilon_r = 34.388$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.42, 4.42, 4.42); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.138 mW/g

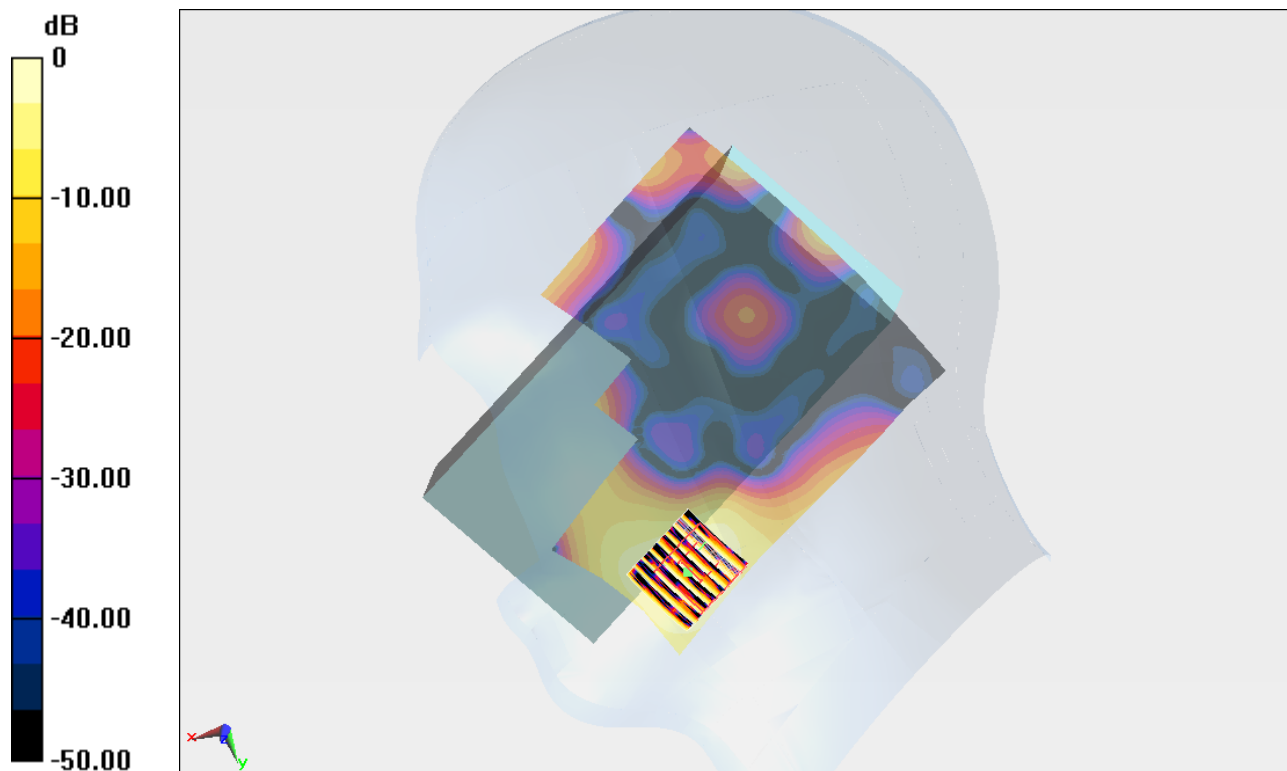
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.788 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.3130

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.191 mW/g



0 dB = 0.190mW/g = -14.42 dB mW/g

#42 802.11a_Right Cheek_Ch157_Keypad2_2D**DUT: 162005-05**

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

Medium: HSL_5G_120215 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.413$ mho/m; $\epsilon_r =$ 34.388; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.42, 4.42, 4.42); Calibrated: 2011/6/20

- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn778; Calibrated: 2011/11/22

- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542

- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.138 mW/g

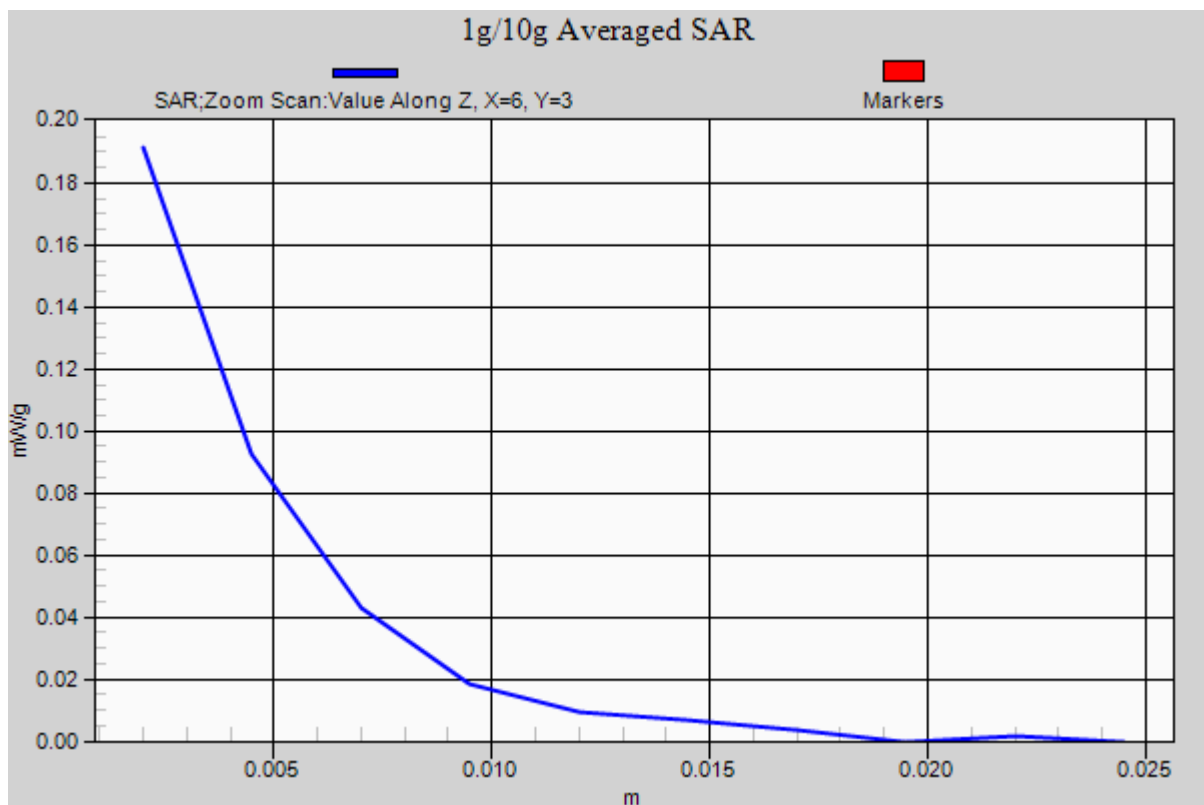
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.788 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.3130

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.191 mW/g



#17 CDMA2000 BC0_RC3+SO32_Front_Ch1013_1.5cm_keypad1**DUT: 162005-05**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_120214 Medium parameters used: $f = 825$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.783$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.280 mW/g

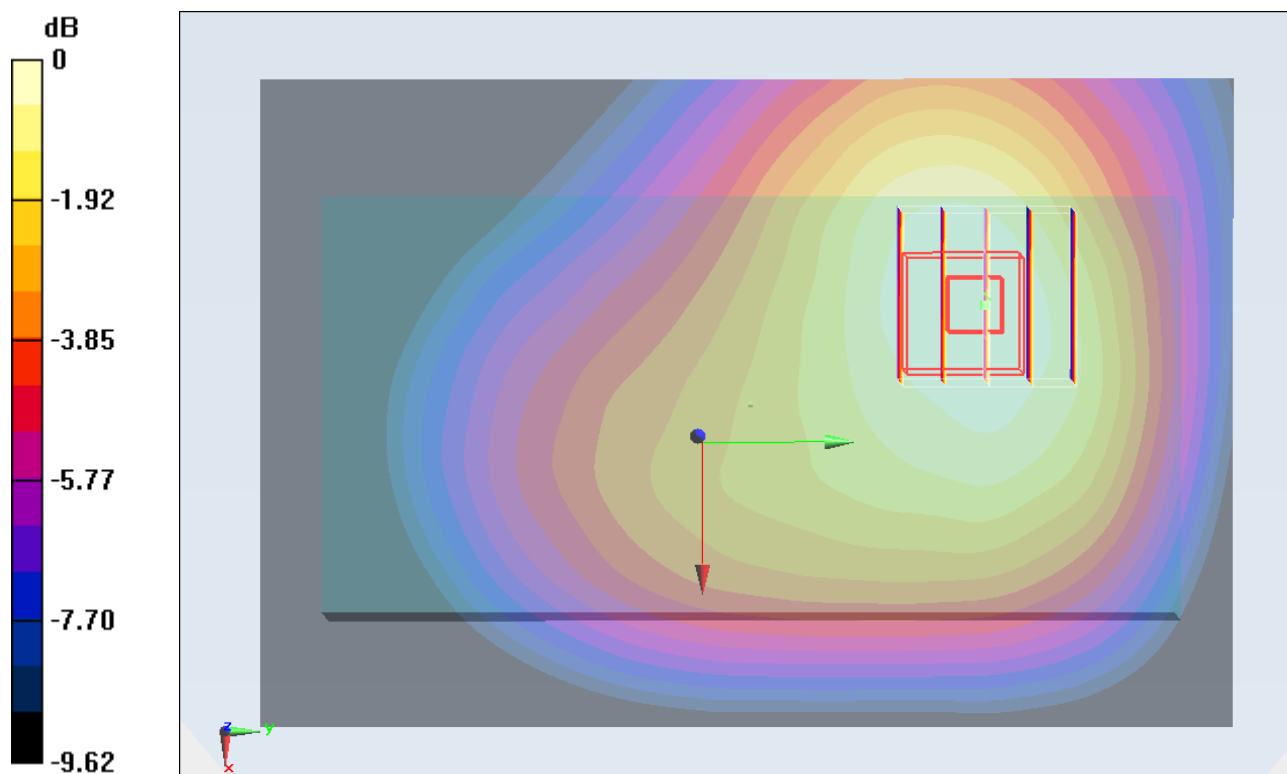
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.088 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.3210

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.195 mW/g

Maximum value of SAR (measured) = 0.272 mW/g



0 dB = 0.270mW/g = -11.37 dB mW/g

#18 CDMA2000 BC0_RC3+SO32_Back_Ch1013_1.5cm_keypad1**DUT: 162005-05**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_120214 Medium parameters used: $f = 825$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.783$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.399 mW/g

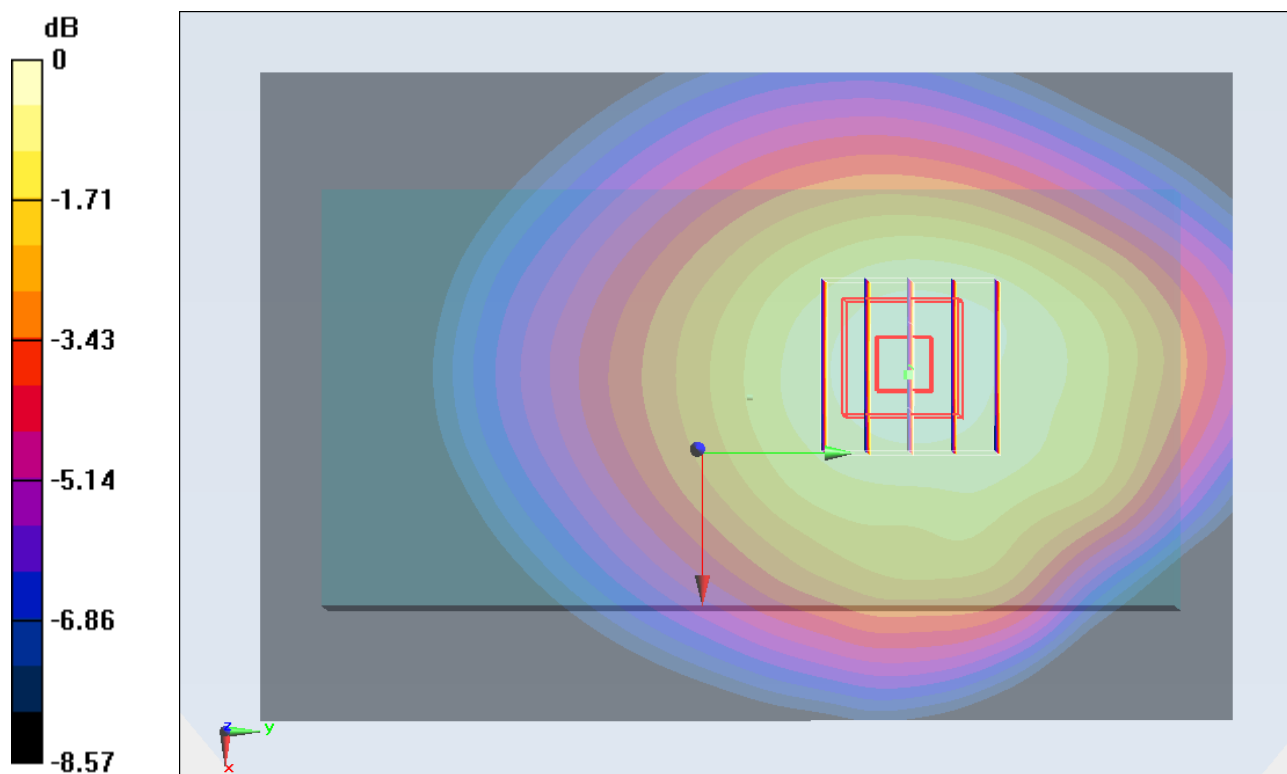
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.527 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.4880

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.408 mW/g



0 dB = 0.410mW/g = -7.74 dB mW/g

#18 CDMA2000 BC0_RC3+SO32_Back_Ch1013_1.5cm_keypad1**DUT: 162005-05**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_120214 Medium parameters used: $f = 825$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.783$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.399 mW/g

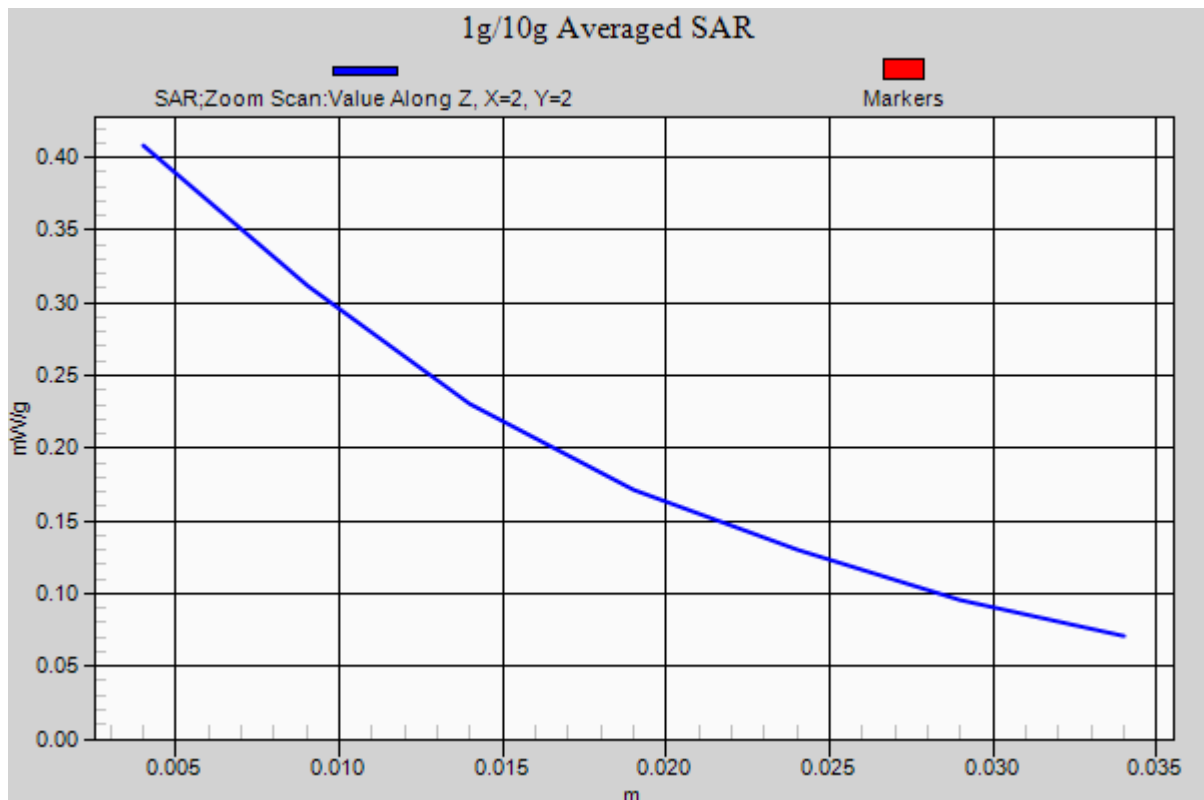
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.527 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.4880

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.408 mW/g



#19 CDMA2000 BC0_RC3+SO32_Back_Ch1013_1.5cm_keypad2**DUT: 162005-05**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_120214 Medium parameters used: $f = 825$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.783$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.396 mW/g

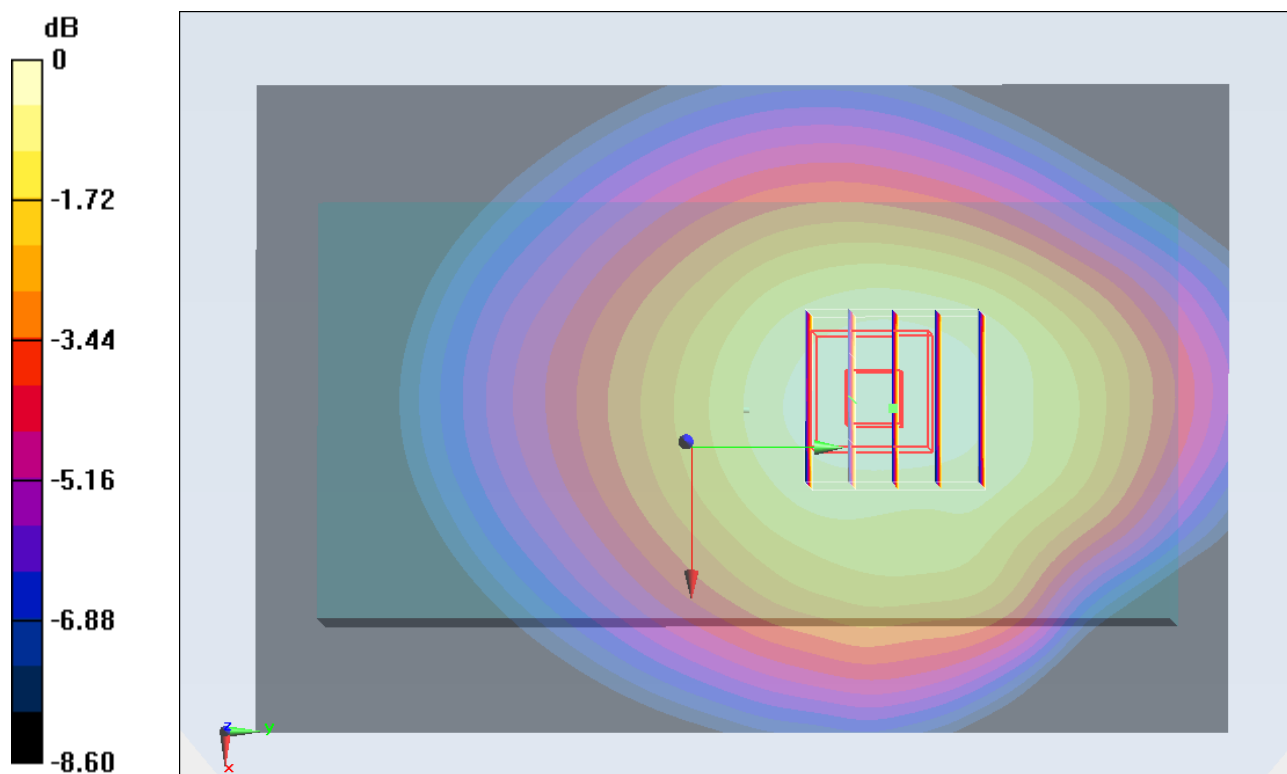
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.512 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.4700

SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.277 mW/g

Maximum value of SAR (measured) = 0.402 mW/g



0 dB = 0.400mW/g = -7.96 dB mW/g

#11 CDMA2000 BC1_RC3+SO32_Front_1.5cm_Ch25_keypad1**DUT: 162005-05**

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120214 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.481$ mho/m; $\epsilon_r =$ 52.606 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.169 mW/g

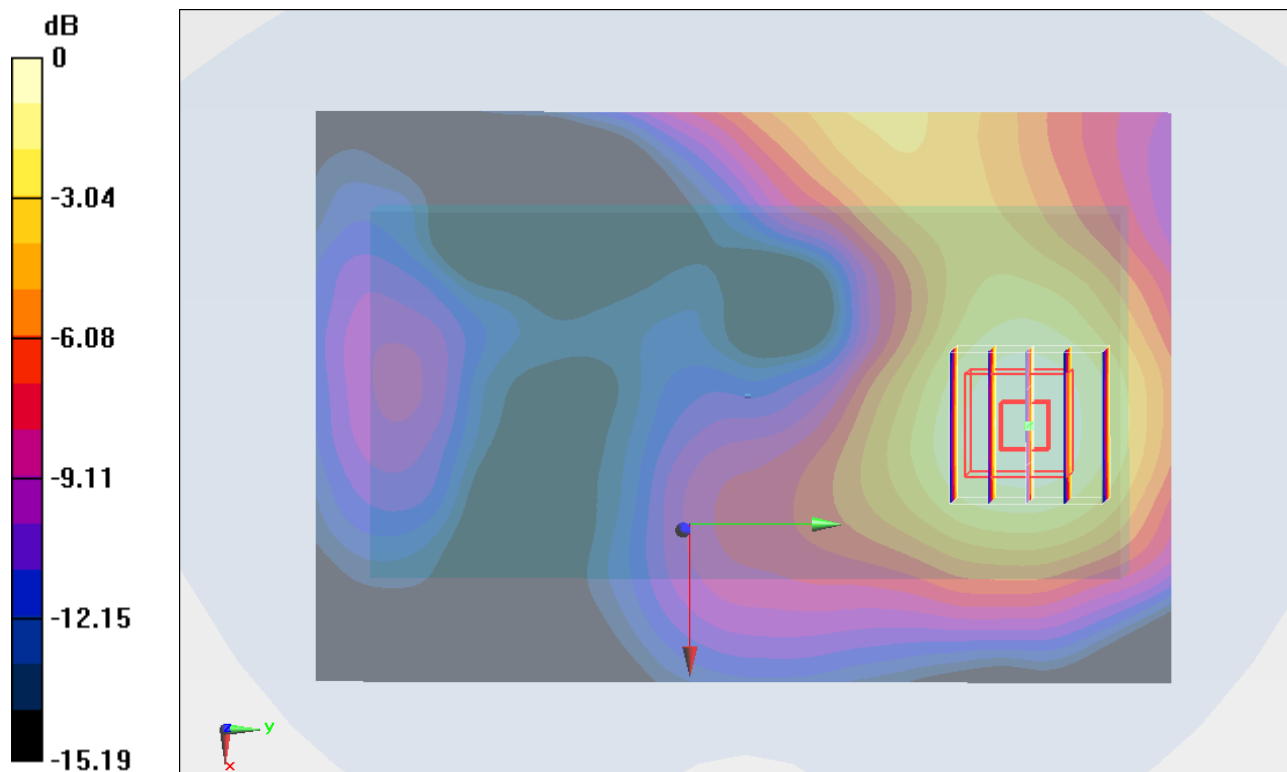
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.294 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 0.2360

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.168 mW/g



0 dB = 0.170mW/g = -15.39 dB mW/g

#12 CDMA2000 BC1_RC3+SO32_Back_1.5cm_Ch25_keypad1**DUT: 162005-05**

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120214 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.481$ mho/m; $\epsilon_r =$ 52.606; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.401 mW/g

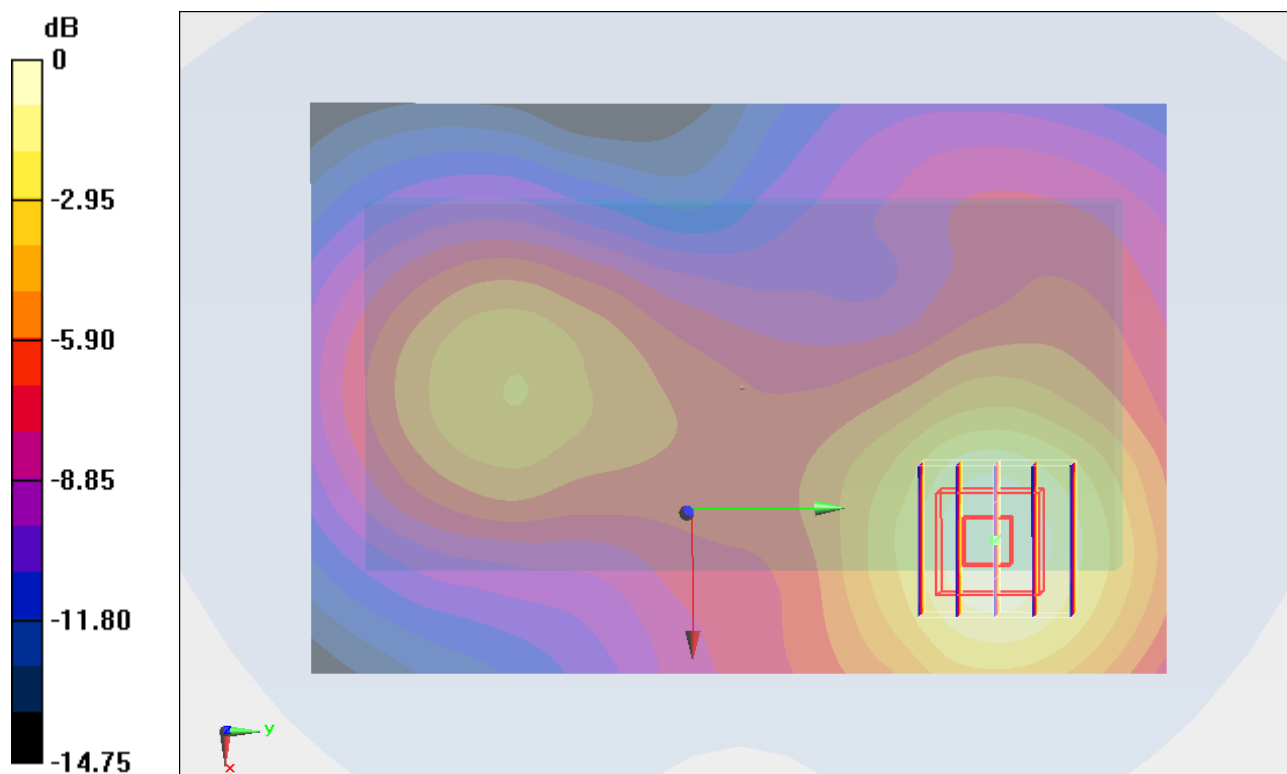
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.329 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.5560

SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.233 mW/g

Maximum value of SAR (measured) = 0.399 mW/g



#12 CDMA2000 BC1_RC3+SO32_Back_1.5cm_Ch25_keypad1_2D**DUT: 162005-05**

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120214 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.481$ mho/m; $\epsilon_r =$ 52.606 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.401 mW/g

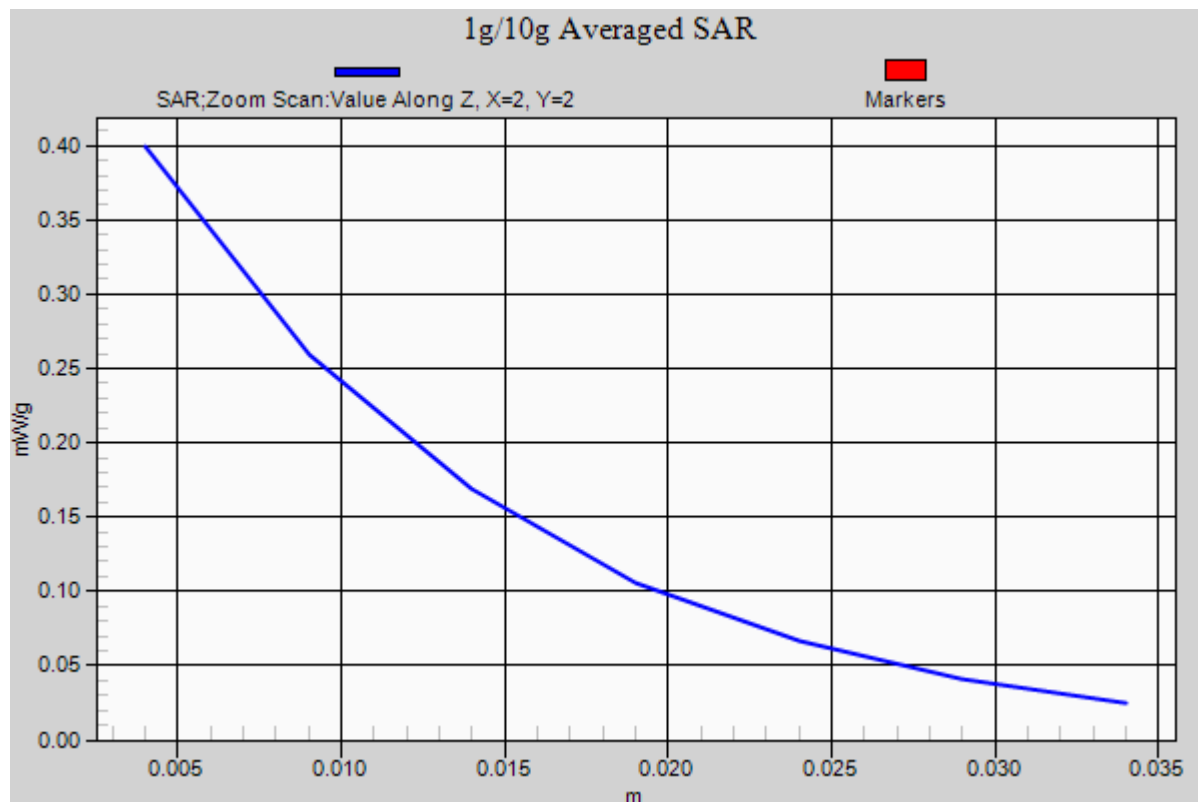
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.329 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.5560

SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.233 mW/g

Maximum value of SAR (measured) = 0.399 mW/g



#13 CDMA2000 BC1_RC3+SO32_Back_1.5cm_Ch25_keypad2**DUT: 162005-05**

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120214 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.481$ mho/m; $\epsilon_r =$ 52.606; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.397 mW/g

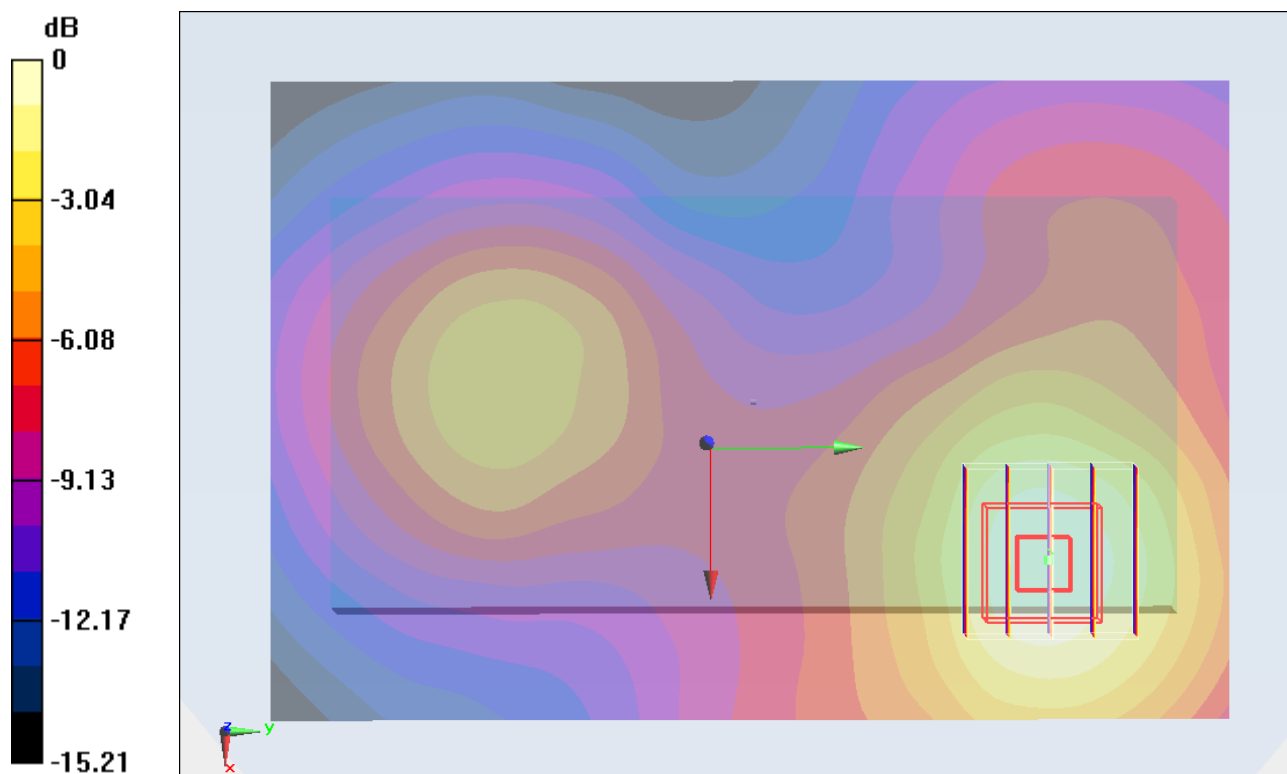
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.782 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.5530

SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.226 mW/g

Maximum value of SAR (measured) = 0.392 mW/g



0 dB = 0.390mW/g = -8.18 dB mW/g

#72 802.11b_Front_1.5cm_Ch11_keypad1**DUT: 162005-05**

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

Medium: MSL_2450_120216 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.981$ mho/m; $\epsilon_r =$ 51.494; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.037 mW/g

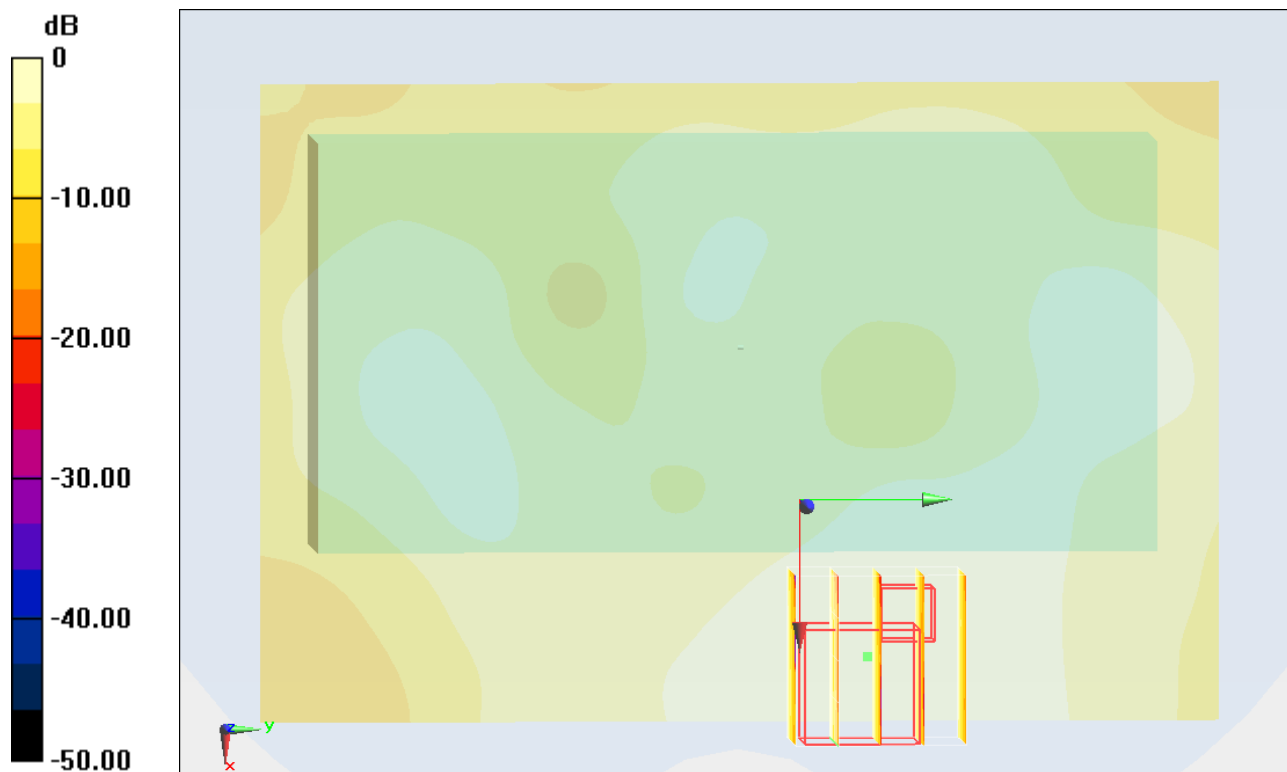
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.469 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0810

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.034 mW/g



#73 802.11b_Back_1.5cm_Ch11_keypad1

DUT: 162005-05

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

Medium: MSL_2450_120216 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.981 \text{ mho/m}$; $\epsilon_r =$

51.494; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (61x91x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.114 mW/g

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

Reference Value = 4.112 V/m ; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.2790

SAR(1 g) = 0.117 mW/g ; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.120 mW/g

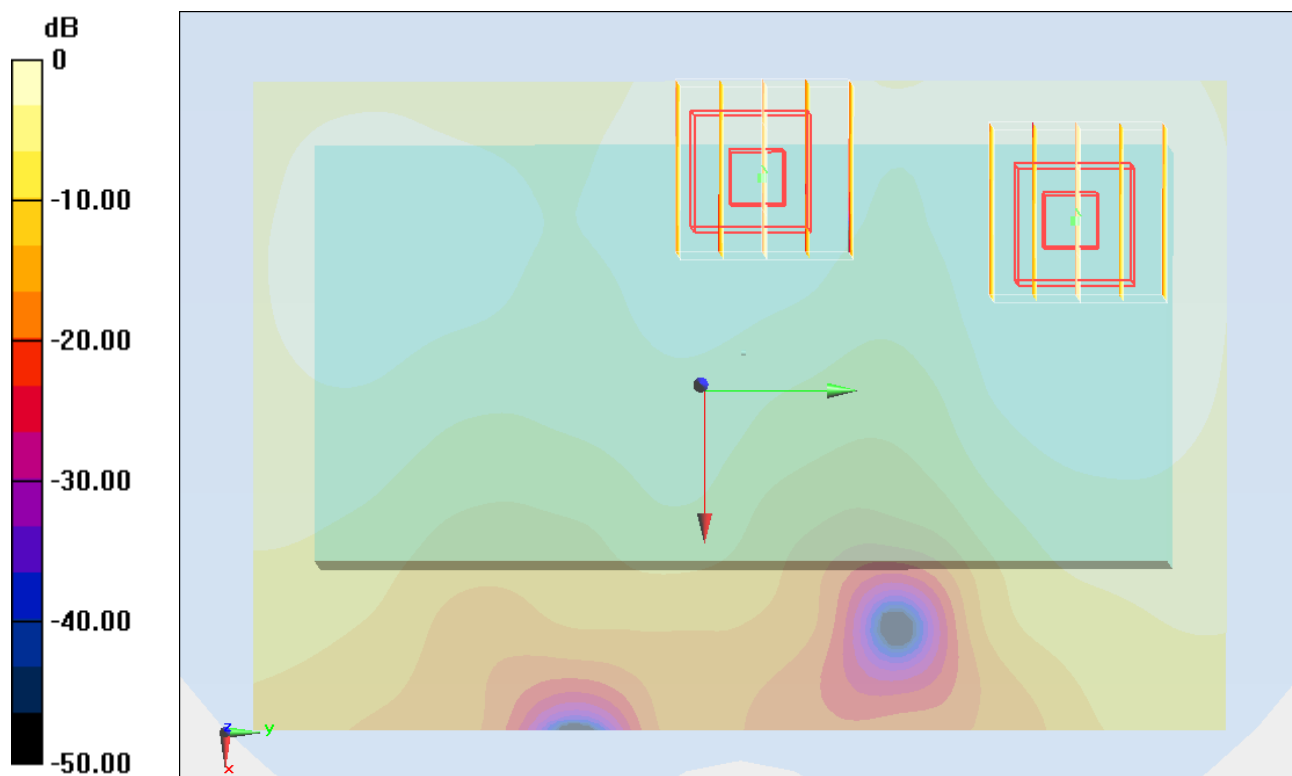
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.112 V/m ; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.1760

SAR(1 g) = 0.078 mW/g ; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.080 mW/g



0 dB = 0.080mW/g = -21.94 dB mW/g

#73 802.11b_Back_1.5cm_Ch11_keypad1_2D

DUT: 162005-05

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

Medium: MSL_2450_120216 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.981$ mho/m; $\epsilon_r =$

51.494; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.114 mW/g

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

Reference Value = 4.112 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.2790

SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.120 mW/g

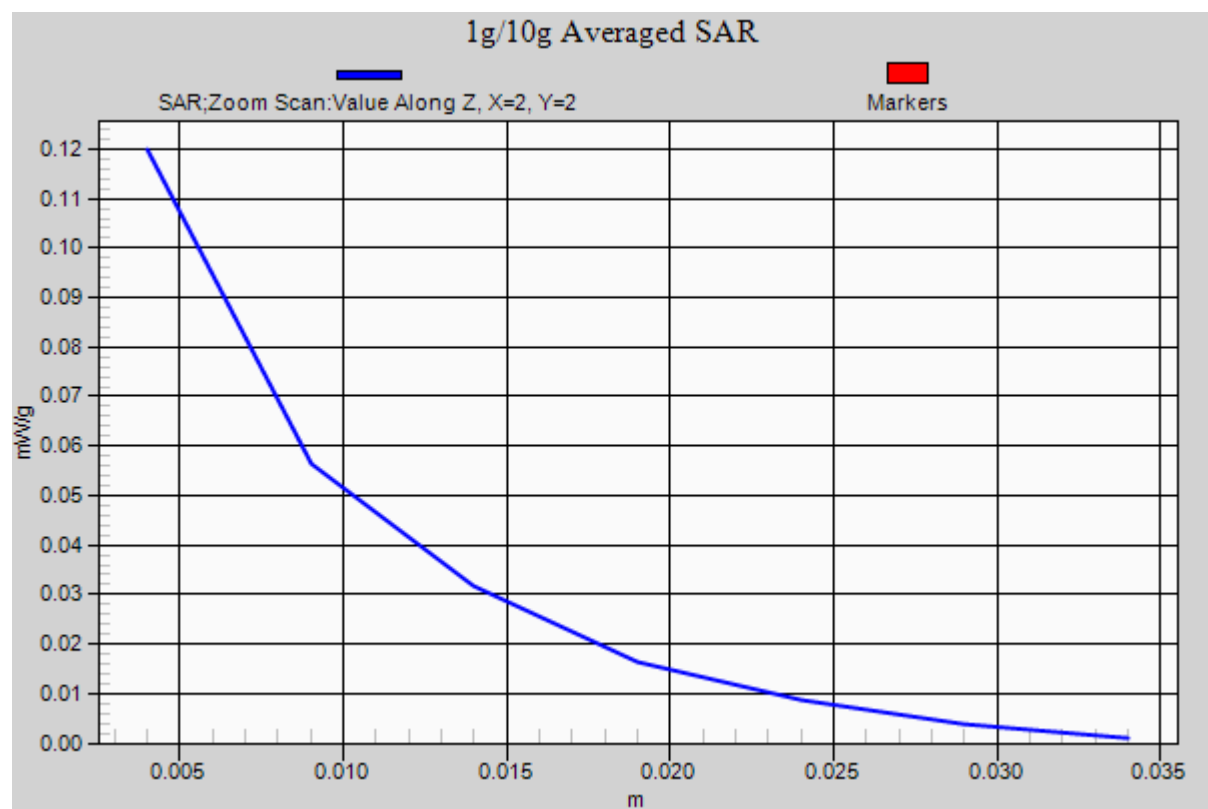
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.112 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.1760

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.080 mW/g



#74 802.11b_Back_1.5cm_Ch11_keypad2

DUT: 162005-05

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

Medium: MSL_2450_120216 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.981 \text{ mho/m}$; $\epsilon_r =$

51.494; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (61x91x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.113 mW/g

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

Reference Value = 4.297 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.2760

SAR(1 g) = 0.116 mW/g ; SAR(10 g) = 0.062 mW/g

Maximum value of SAR (measured) = 0.117 mW/g

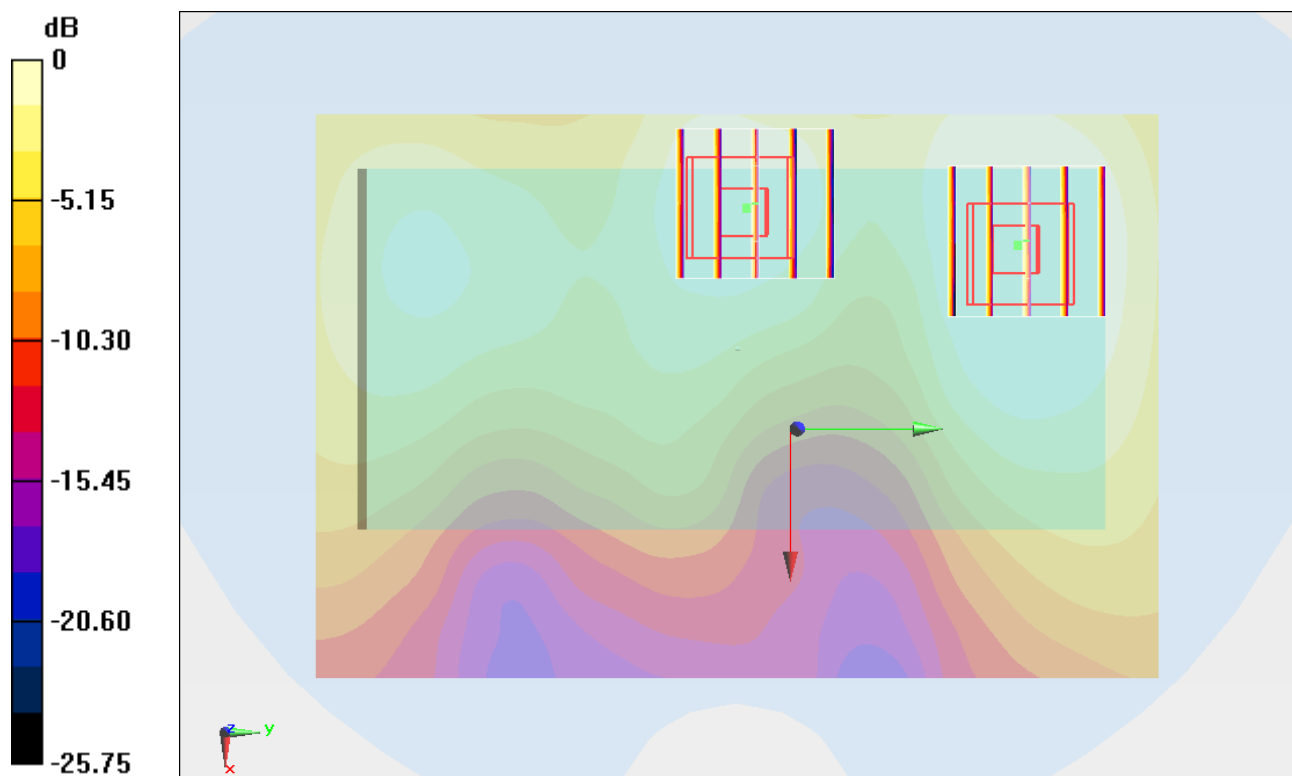
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.297 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.1790

SAR(1 g) = 0.080 mW/g ; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.082 mW/g



#43 802.11a_Front_1.5cm_Ch44_Keypad1**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.389$ mho/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch44/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.071 mW/g

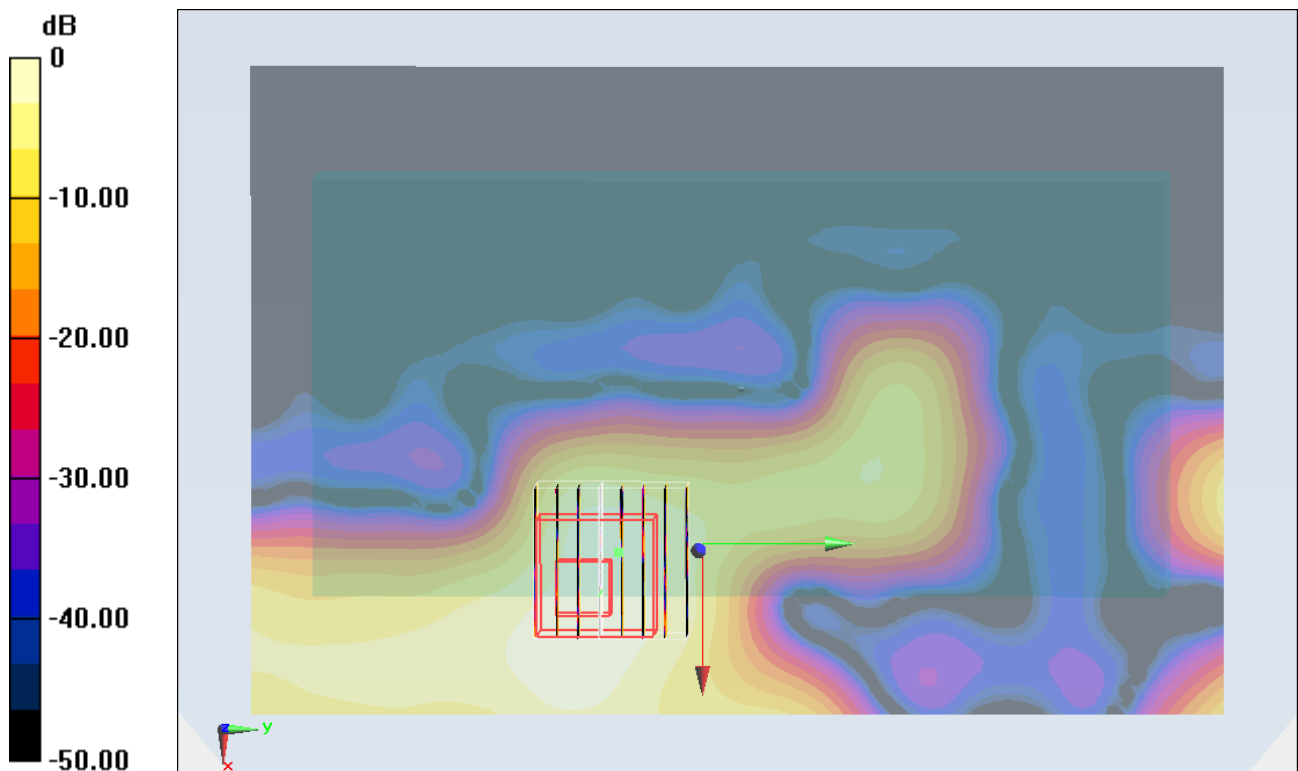
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

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

Peak SAR (extrapolated) = 0.1400

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.085 mW/g



#44 802.11a_Back_1.5cm_Ch44_Keypad1**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.389$ mho/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch44/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.065 mW/g

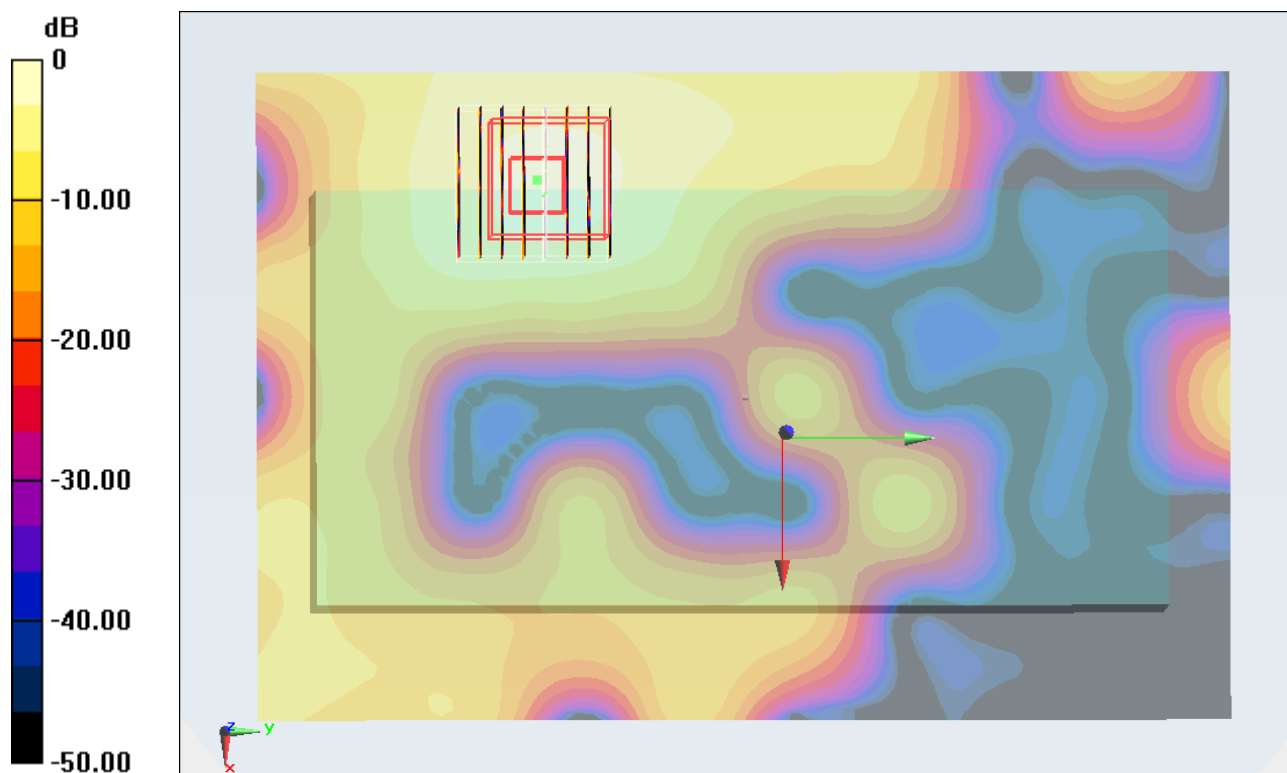
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.226 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.1910

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.108 mW/g



#45 802.11a_Back_1.5cm_Ch44_Keypad2**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.389$ mho/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch44/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.085 mW/g

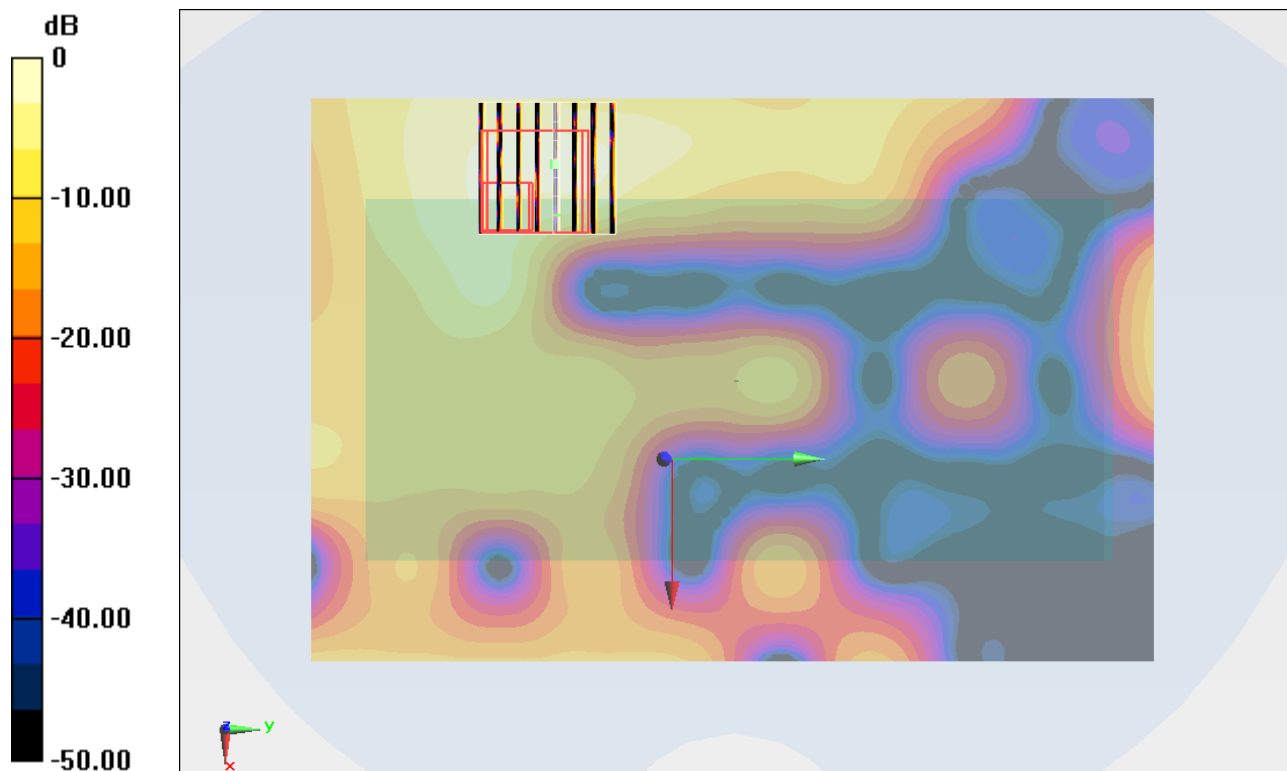
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.812 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.2740

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.128 mW/g



0 dB = 0.130mW/g = -17.72 dB mW/g

#45 802.11a_Back_1.5cm_Ch44_Keypad2_2D**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.389$ mho/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch44/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.085 mW/g

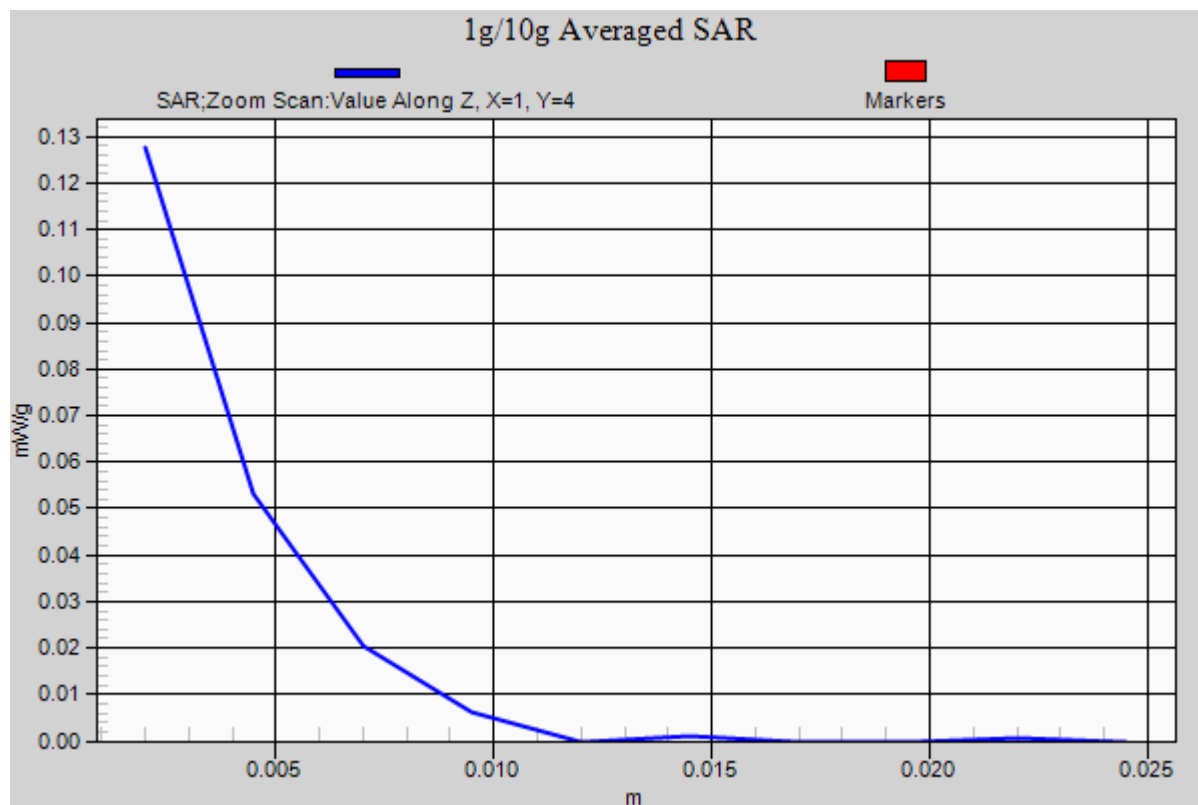
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.812 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.2740

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.128 mW/g



#46 802.11a_Front_1.5cm_Ch52_Keypad1**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.442$ mho/m; $\epsilon_r = 48.541$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.059 mW/g

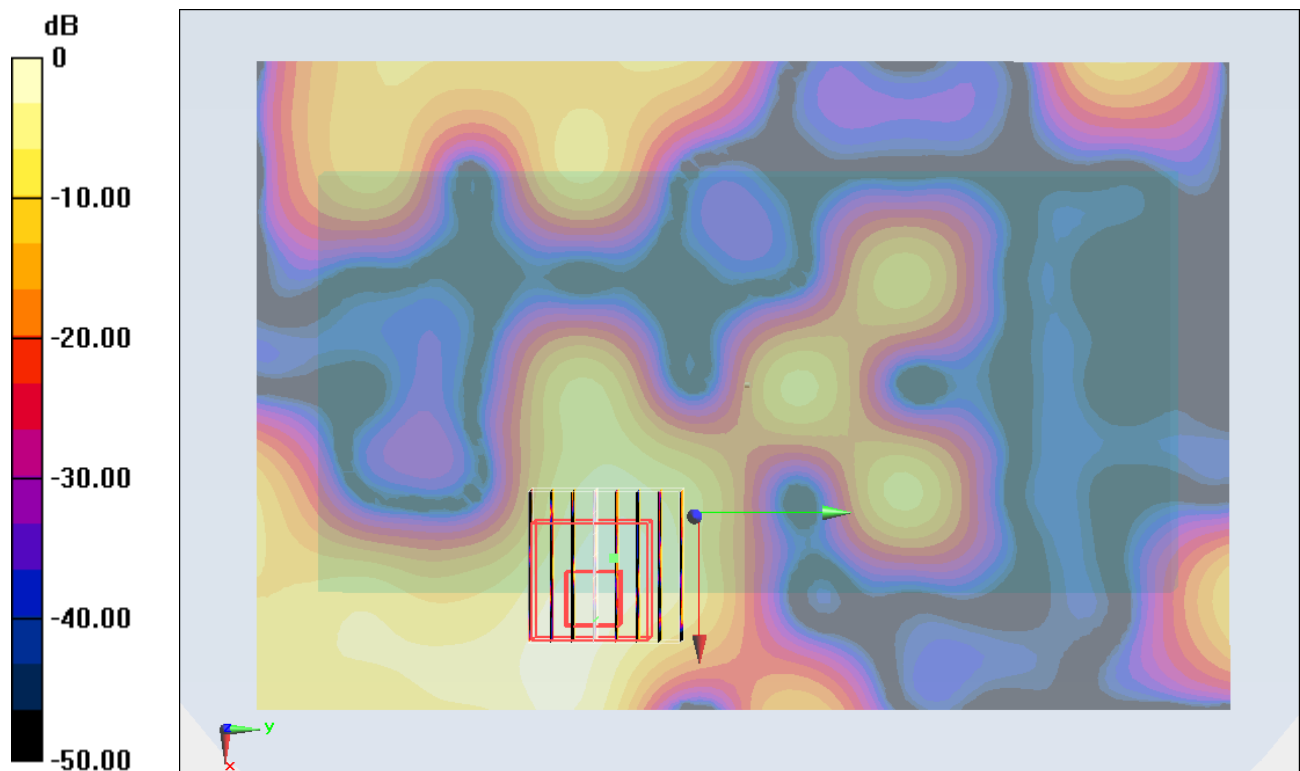
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.237 V/m; Power Drift = -0.189 dB

Peak SAR (extrapolated) = 0.1570

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.082 mW/g



0 dB = 0.080mW/g = -21.94 dB mW/g

#47 802.11a_Back_1.5cm_Ch52_Keypad1**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.442$ mho/m; $\epsilon_r = 48.541$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.065 mW/g

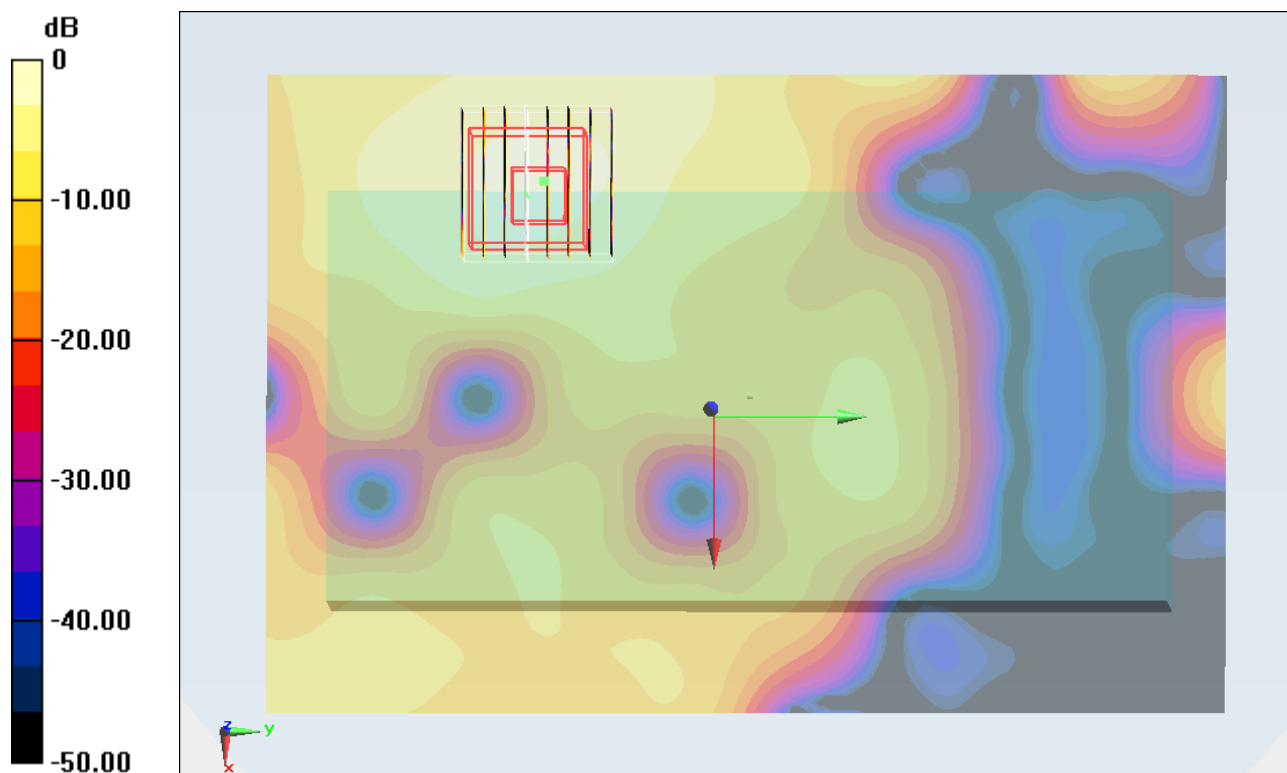
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.105 V/m; Power Drift = -0.158 dB

Peak SAR (extrapolated) = 0.1930

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.110 mW/g



0 dB = 0.110mW/g = -19.17 dB mW/g

#47 802.11a_Back_1.5cm_Ch52_Keypad1_2D**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.442$ mho/m; $\epsilon_r = 48.541$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.065 mW/g

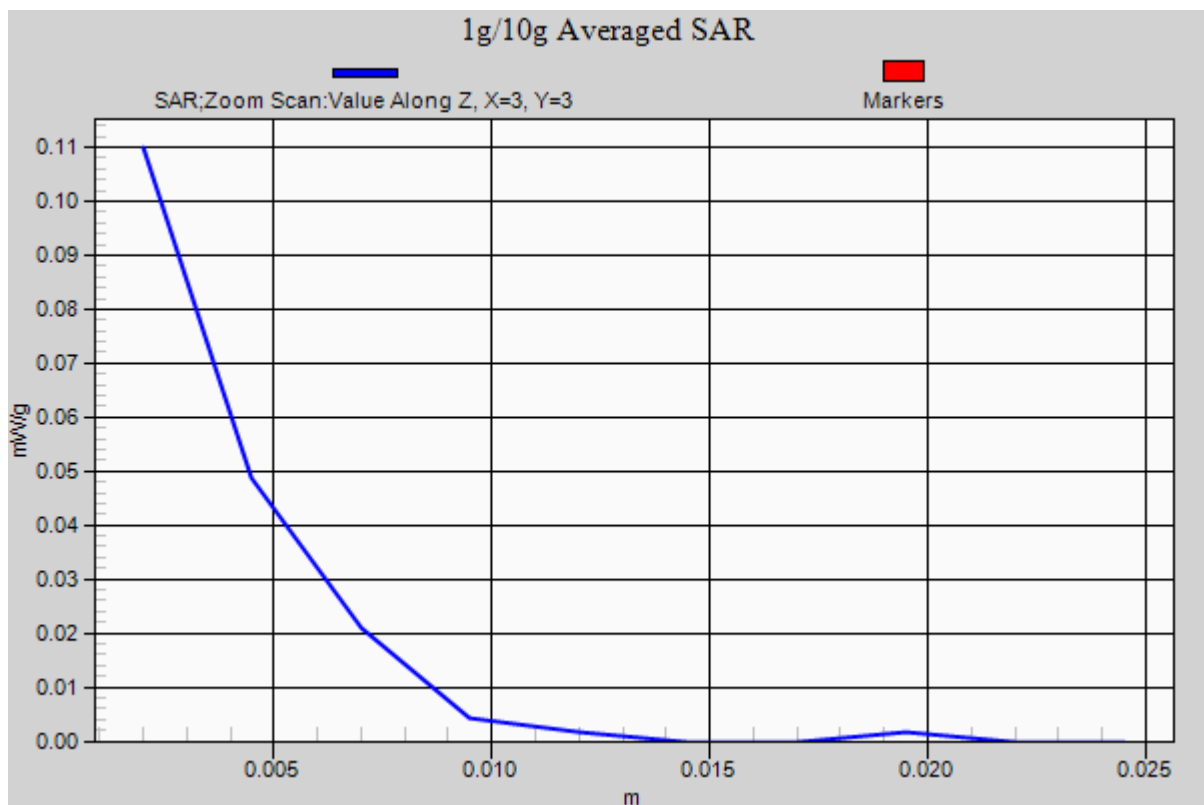
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.105 V/m; Power Drift = -0.158 dB

Peak SAR (extrapolated) = 0.1930

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.110 mW/g



#48 802.11a_Back_1.5cm_Ch52_Keypad2**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.442$ mho/m; $\epsilon_r = 48.541$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.072 mW/g

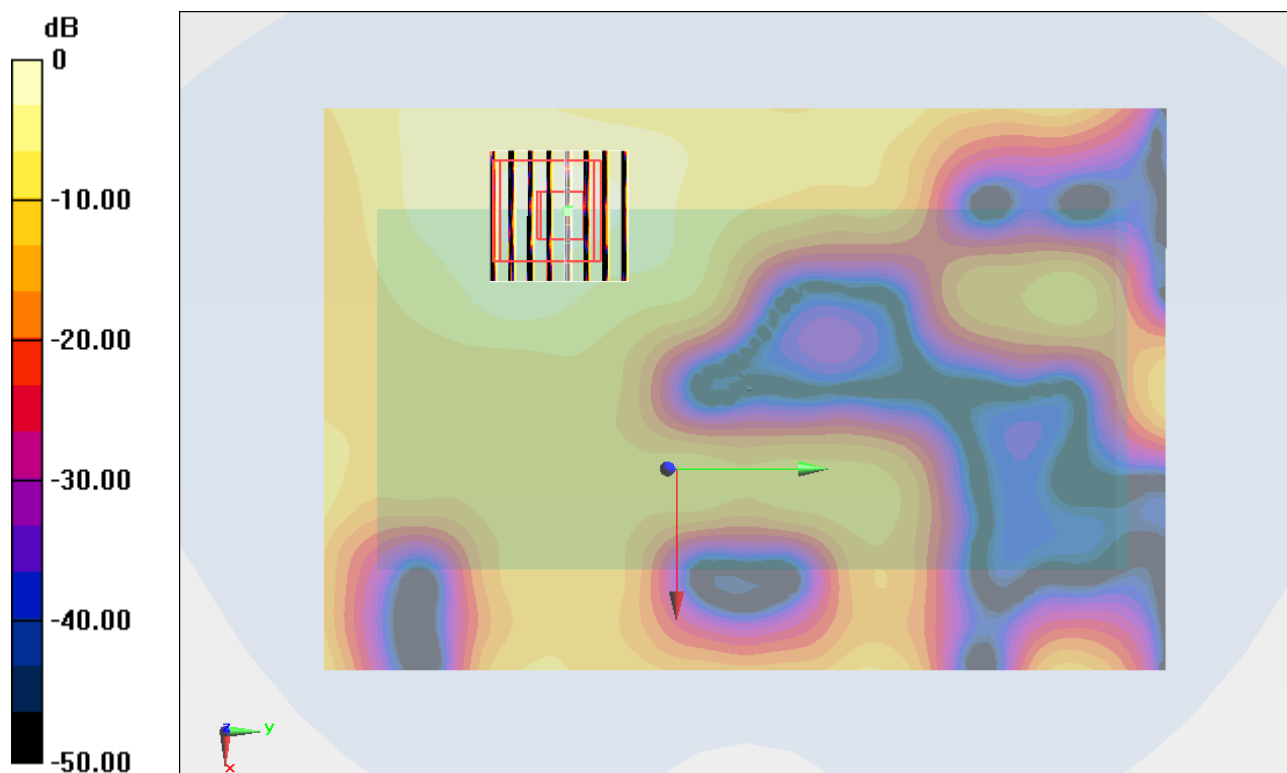
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.147 V/m; Power Drift = -0.158 dB

Peak SAR (extrapolated) = 0.2260

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.121 mW/g



0 dB = 0.120mW/g = -18.42 dB mW/g

#49 802.11a_Front_1.5cm_Ch100_Keypad1**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.802$ mho/m; $\epsilon_r = 48.026$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.042 mW/g

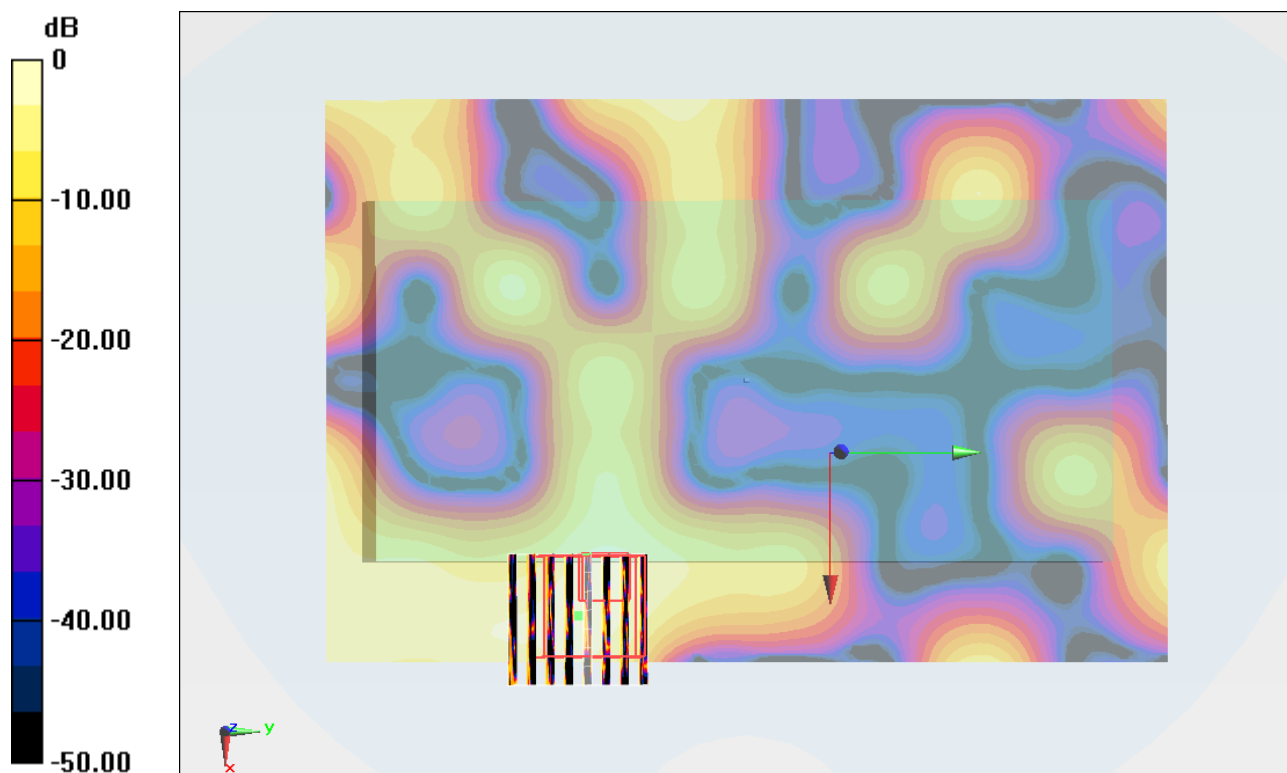
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.261 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.2370

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.00899 mW/g

Maximum value of SAR (measured) = 0.049 mW/g



0 dB = 0.050mW/g = -26.02 dB mW/g

#50 802.11a_Back_1.5cm_Ch100_Keypad1**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.802$ mho/m; $\epsilon_r = 48.026$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.048 mW/g

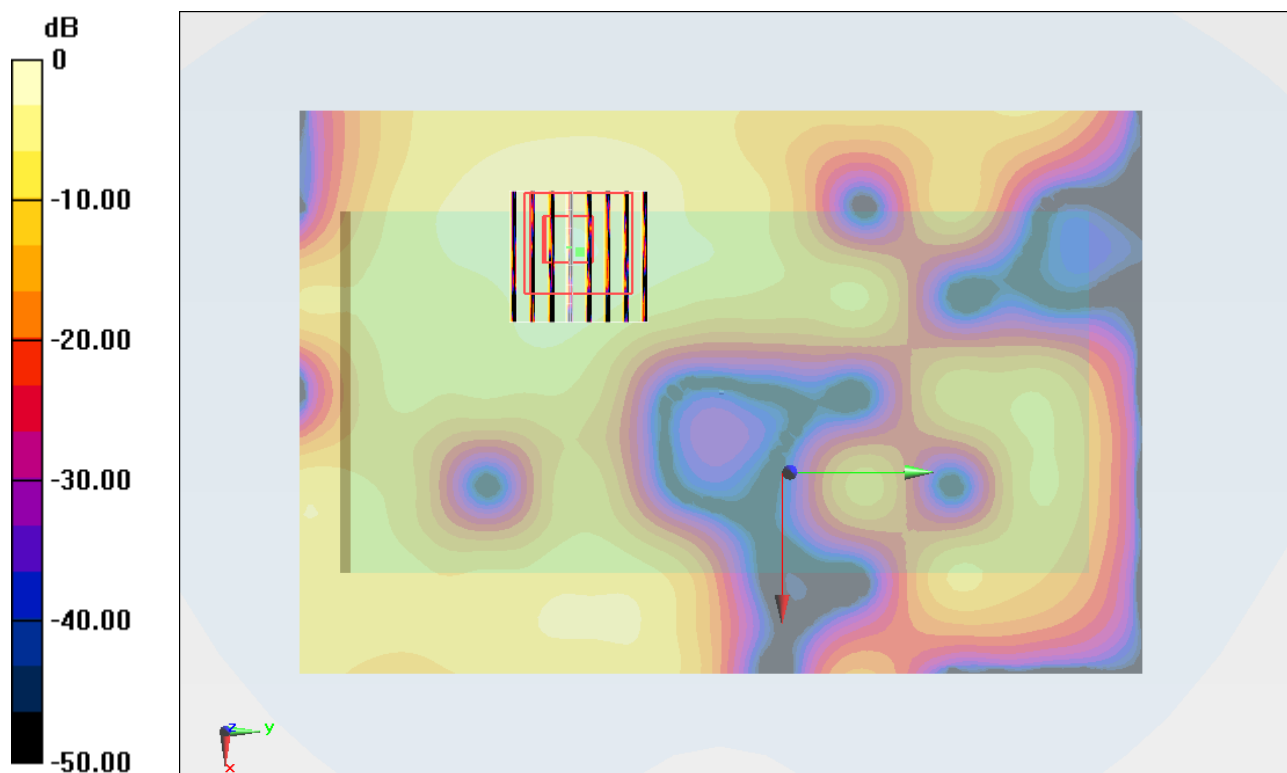
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.372 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.1760

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.098 mW/g



0 dB = 0.100mW/g = -20.00 dB mW/g

#51 802.11a_Back_1.5cm_Ch100_Keypad2**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.802$ mho/m; $\epsilon_r = 48.026$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.052 mW/g

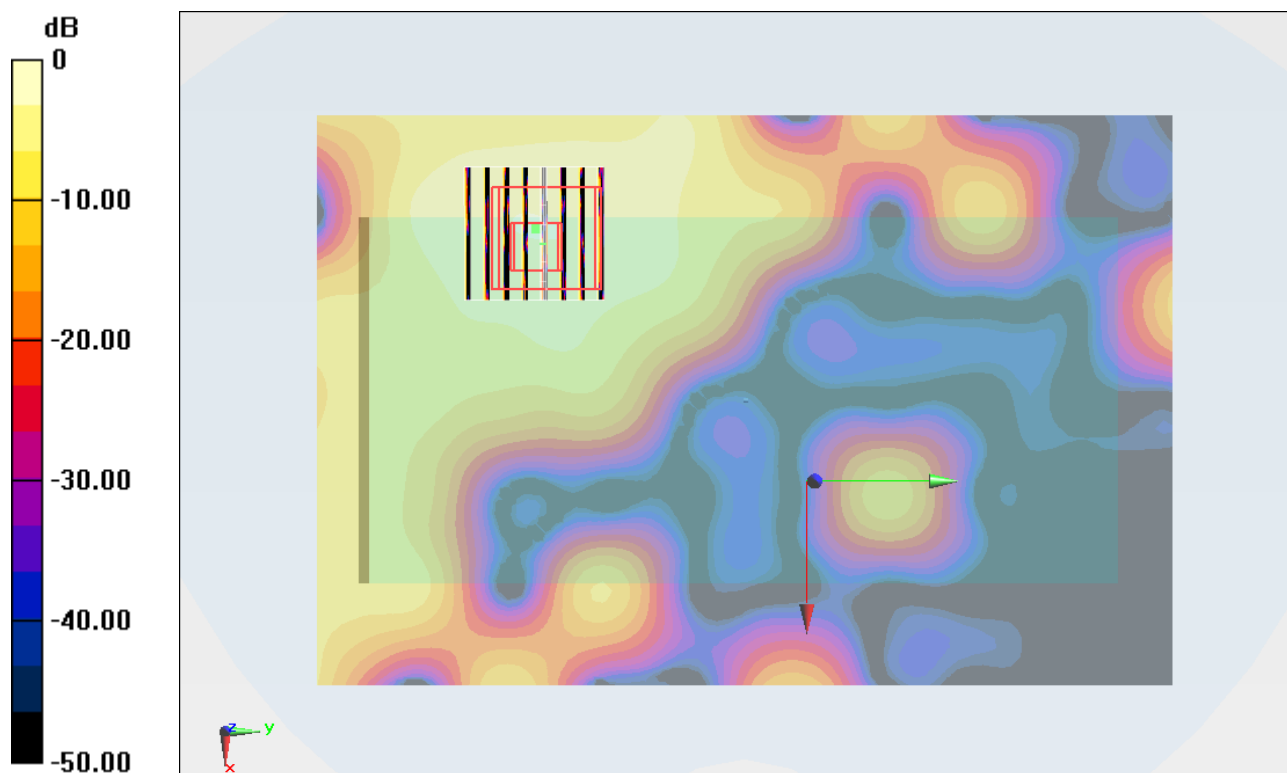
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.152 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.2280

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.108 mW/g



0 dB = 0.110mW/g = -19.17 dB mW/g

#51 802.11a_Back_1.5cm_Ch100_Keypad2_2D**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.802$ mho/m; $\epsilon_r = 48.026$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.052 mW/g

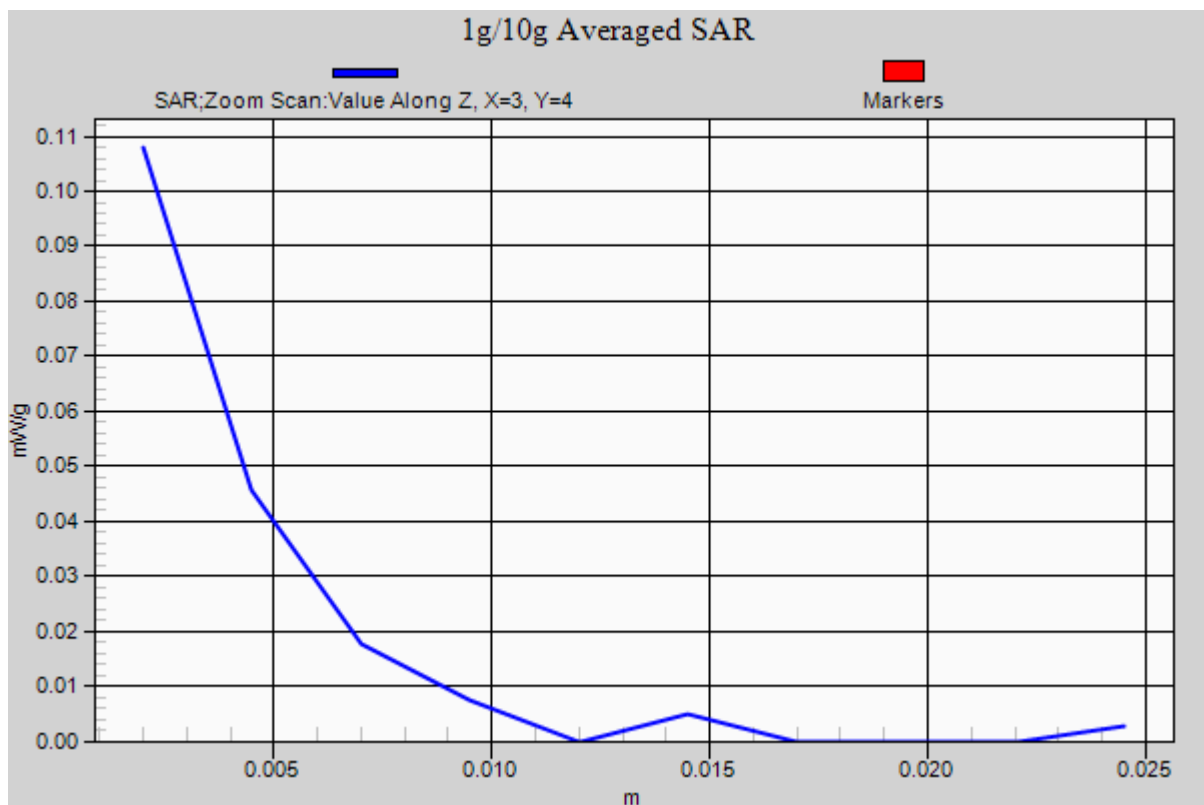
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.152 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.2280

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.108 mW/g



#52 802.11a_Front_1.5cm_Ch157_Keypad1**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.214$ mho/m; $\epsilon_r = 47.373$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.076 mW/g

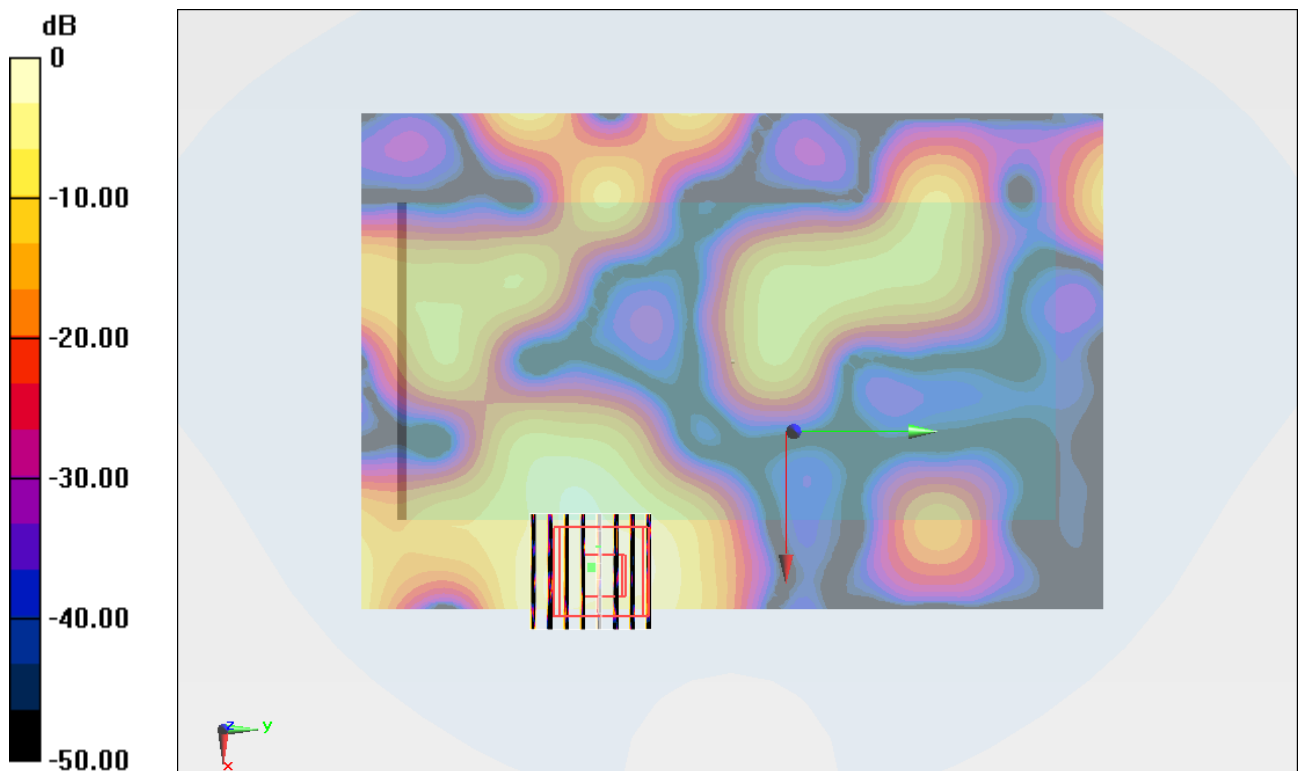
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.812 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.4150

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.086 mW/g



#53 802.11a_Back_1.5cm_Ch157_Keypad1**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.214$ mho/m; $\epsilon_r = 47.373$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.089 mW/g

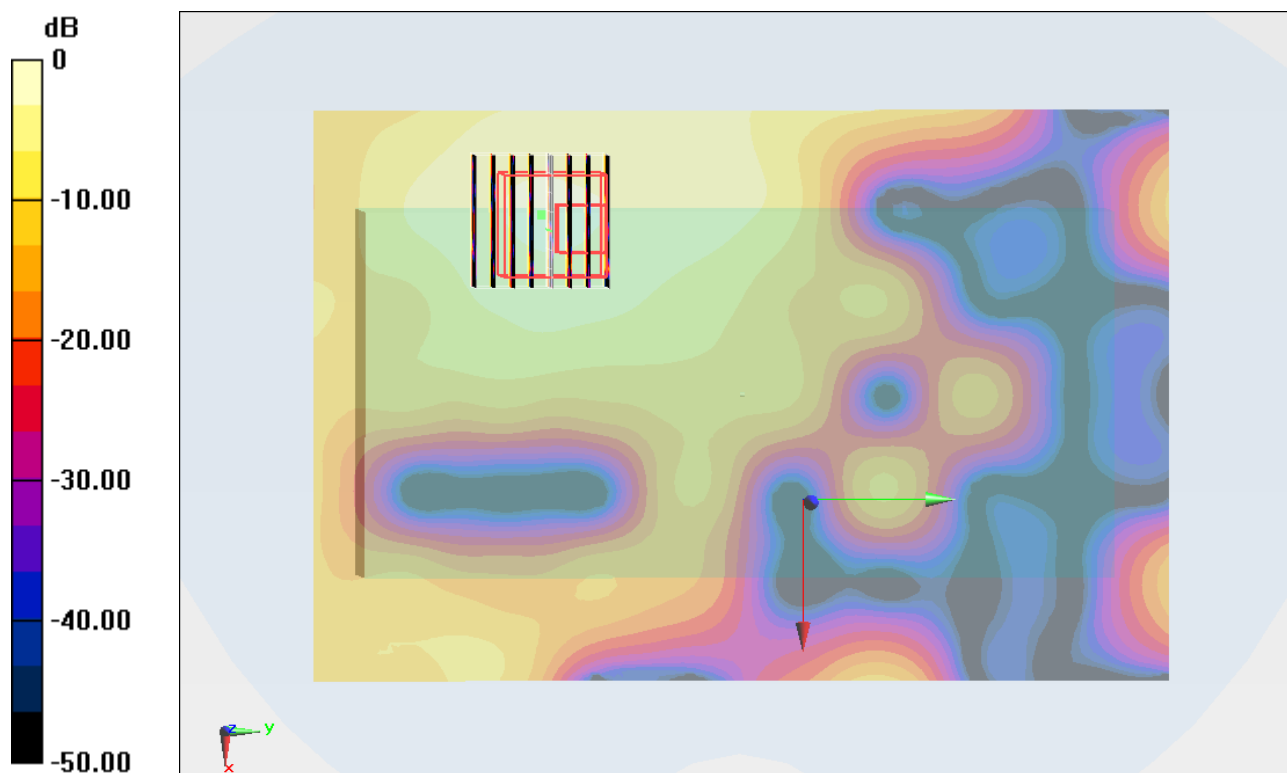
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.504 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 0.2470

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.168 mW/g



0 dB = 0.170mW/g = -15.39 dB mW/g

#54 802.11a_Back_1.5cm_Ch157_Keypad2**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.214$ mho/m; $\epsilon_r = 47.373$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.144 mW/g

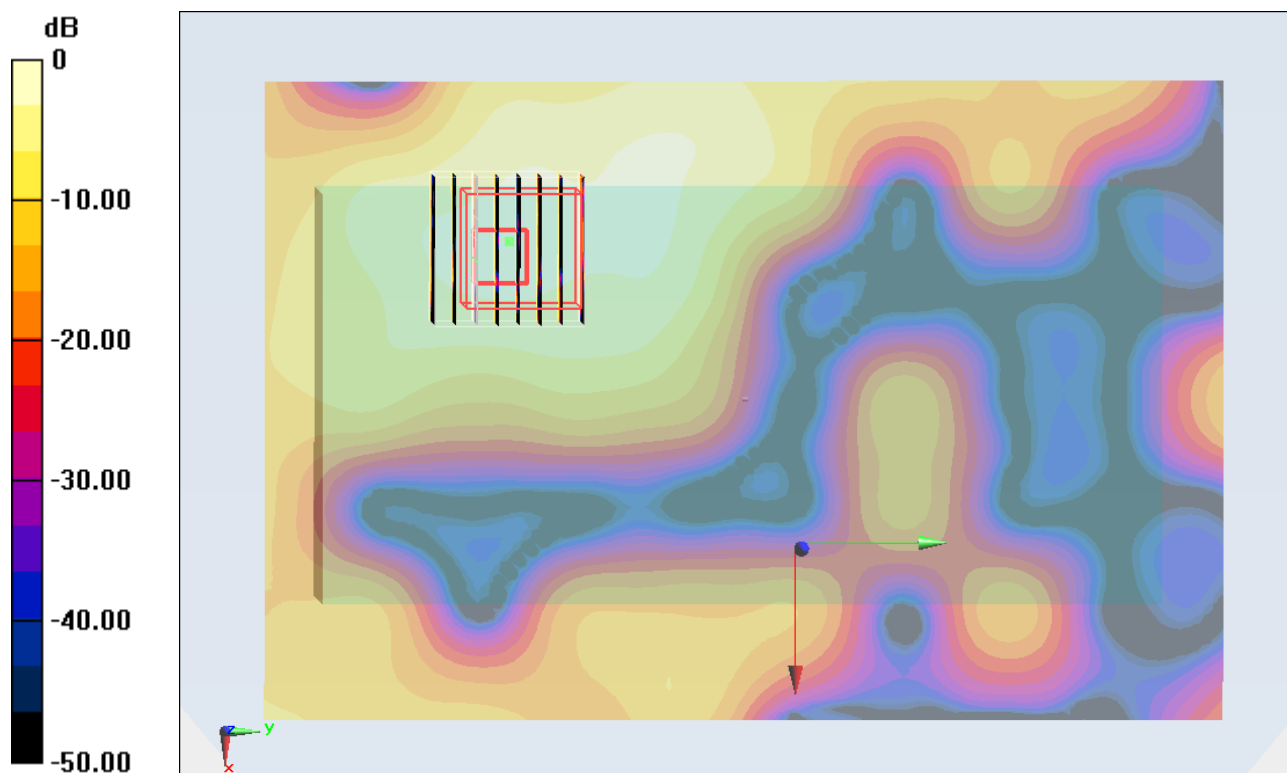
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.307 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.2630

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.222 mW/g



0 dB = 0.220mW/g = -13.15 dB mW/g

#54 802.11a_Back_1.5cm_Ch157_Keypad2_2D**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.214$ mho/m; $\epsilon_r =$ 47.373 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.144 mW/g

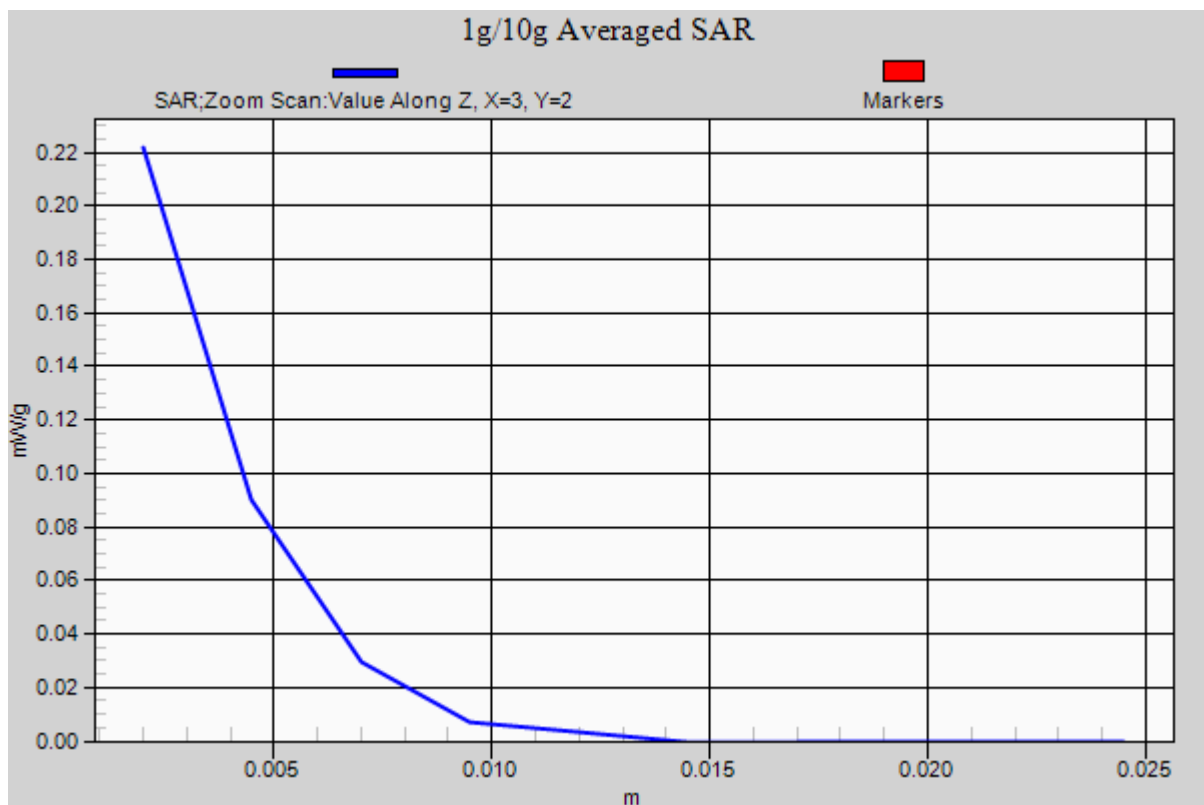
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.307 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.2630

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.222 mW/g



#20 CDMA2000 BC0_RC3+SO32_Front_Ch1013_0cm_keypad1_Holster**DUT: 162005-05**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_120214 Medium parameters used: $f = 825$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.783$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.373 mW/g

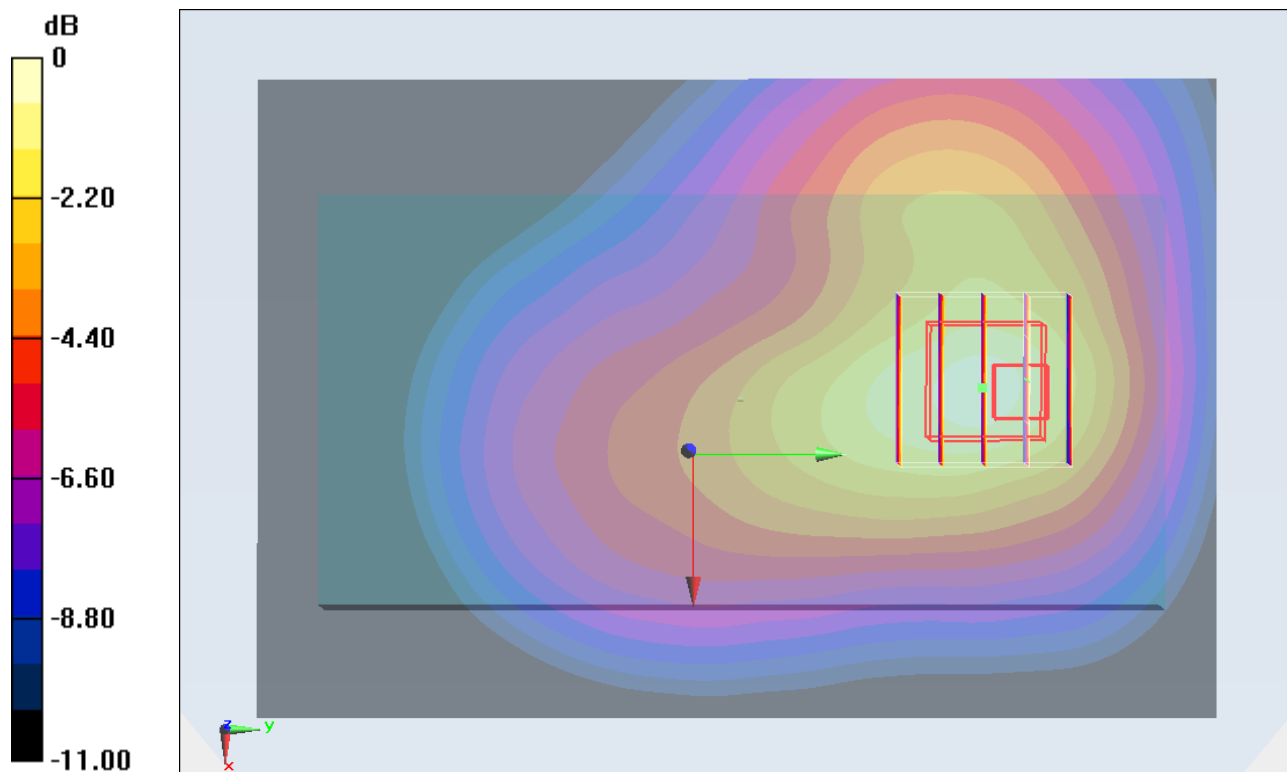
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.861 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.5870

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.400 mW/g



0 dB = 0.400mW/g = -7.96 dB mW/g

#21 CDMA2000 BC0_RC3+SO32_Back_Ch1013_0cm_keypad1_Holster**DUT: 162005-05**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_120214 Medium parameters used: $f = 825$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.783$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.600 mW/g

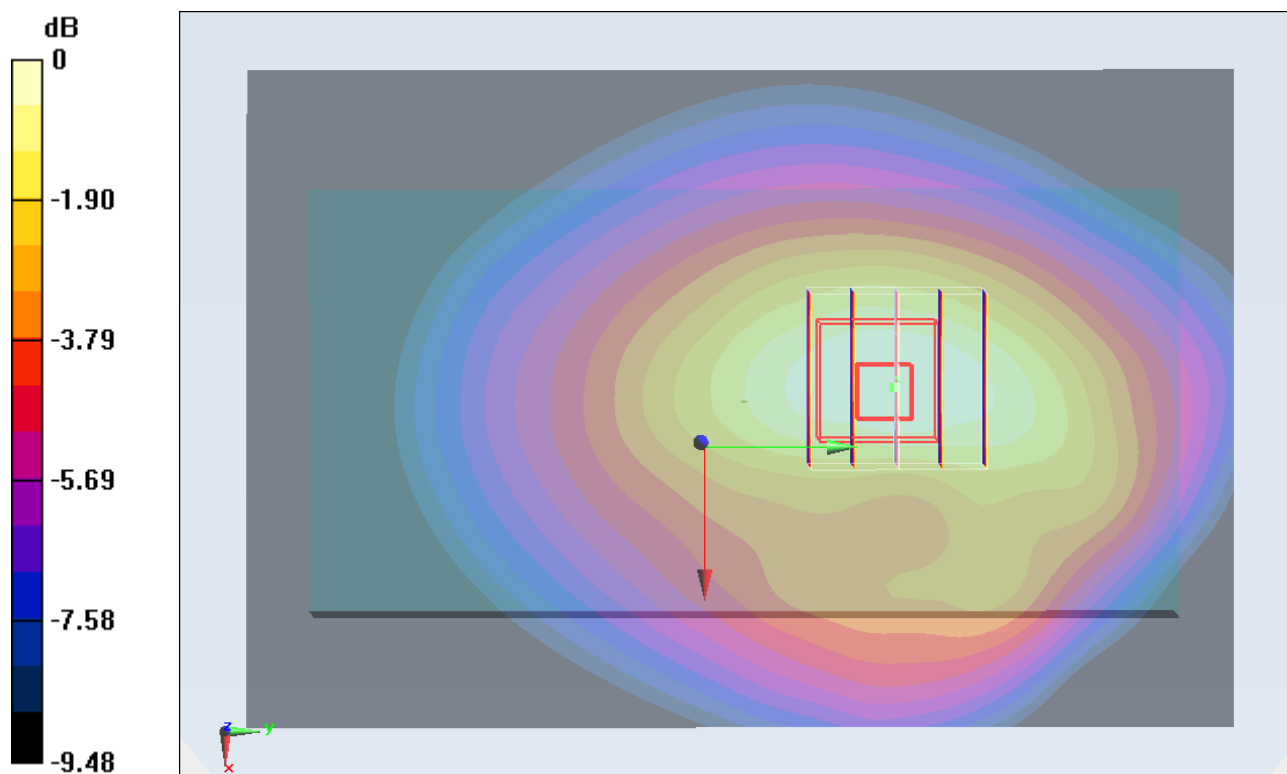
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.950 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.7340

SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.398 mW/g

Maximum value of SAR (measured) = 0.584 mW/g



0 dB = 0.580mW/g = -4.73 dB mW/g

#21 CDMA2000 BC0_RC3+SO32_Back_Ch1013_0cm_keypad1_Holster_2D**DUT: 162005-05**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_120214 Medium parameters used: $f = 825$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.783$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.600 mW/g

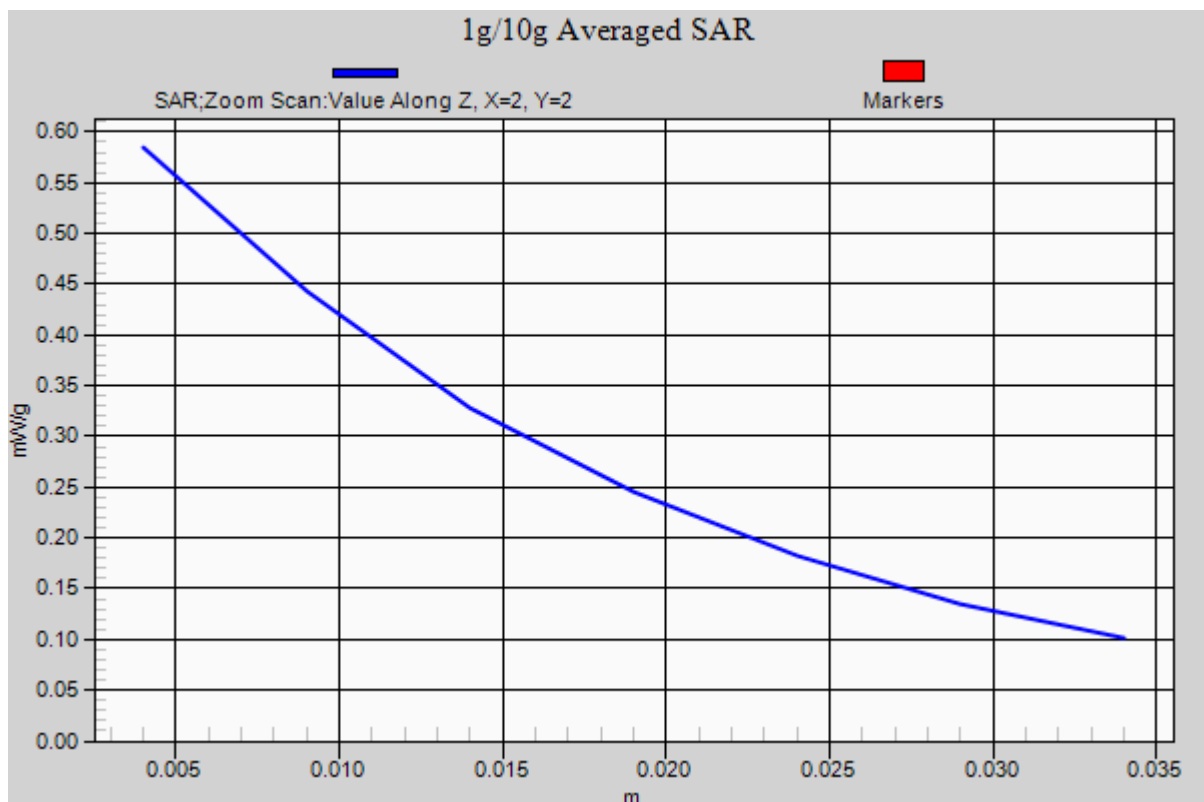
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.950 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.7340

SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.398 mW/g

Maximum value of SAR (measured) = 0.584 mW/g



#22 CDMA2000 BC0_RC3+SO32_Back_Ch1013_0cm_keypad2_Holster**DUT: 162005-05**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_120214 Medium parameters used: $f = 825$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.783$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.22, 6.22, 6.22); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch1013/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.590 mW/g

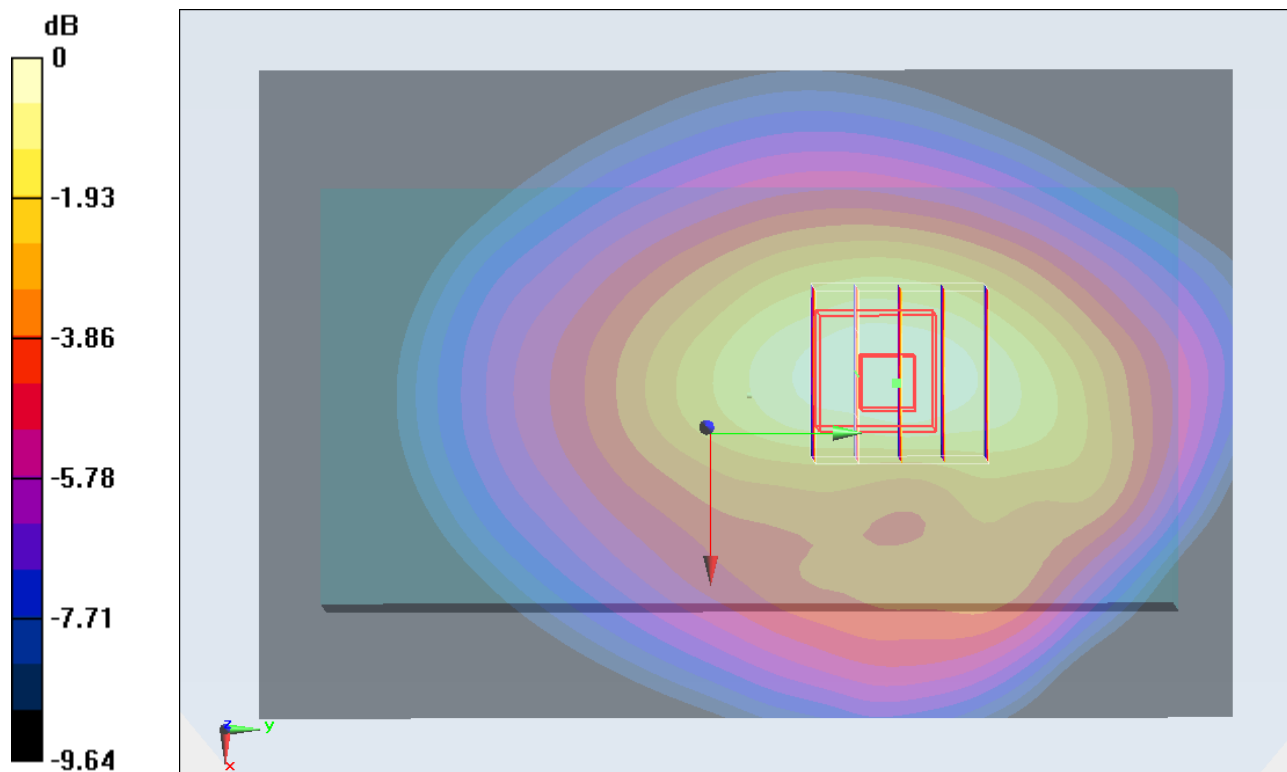
Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.057 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.7140

SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.394 mW/g

Maximum value of SAR (measured) = 0.579 mW/g



0 dB = 0.580mW/g = -4.73 dB mW/g

#14 CDMA2000 BC1_RC3+SO32_Front_Ch25_0cm_keypad1_Holster**DUT: 162005-05**

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120214 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.481$ mho/m; $\epsilon_r =$ 52.606; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.198 mW/g

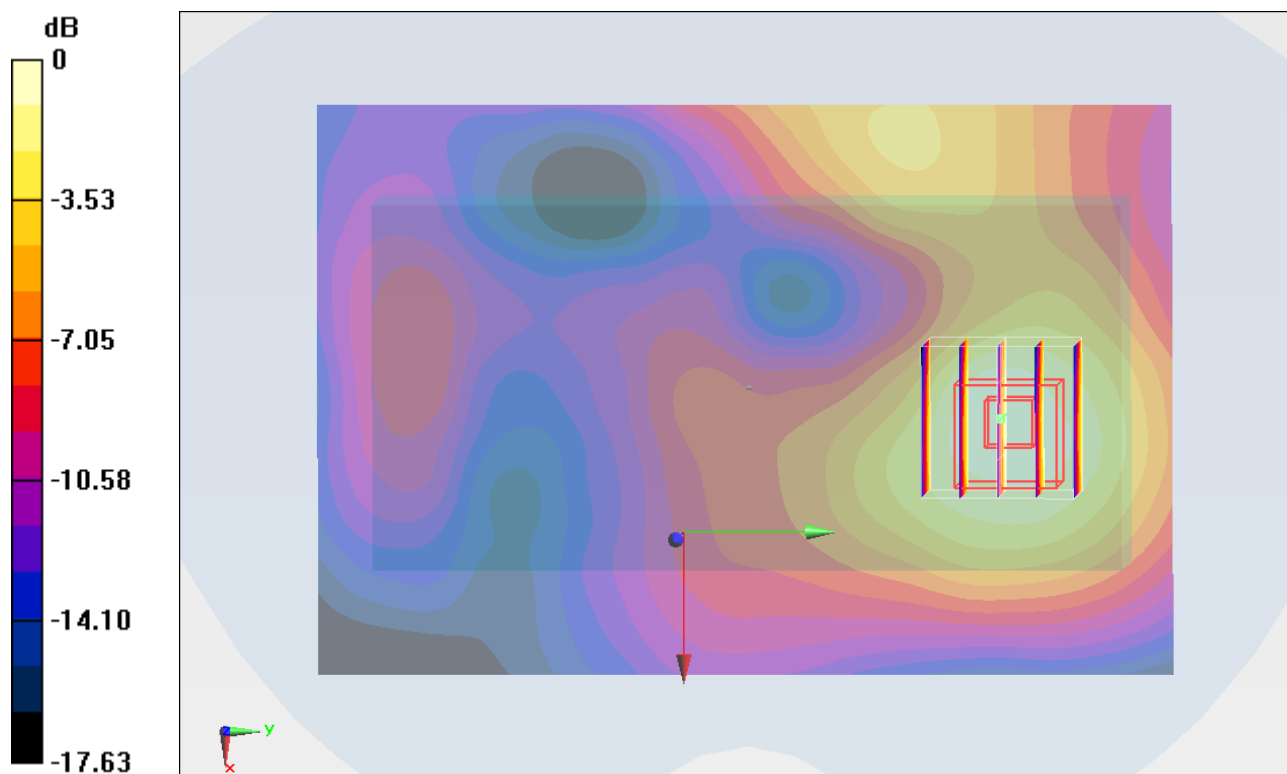
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.193 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.2680

SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.191 mW/g



0 dB = 0.190mW/g = -14.42 dB mW/g

#15 CDMA2000 BC1_RC3+SO32_Back_Ch25_0cm_keypad1_Holster**DUT: 162005-05**

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120214 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.481$ mho/m; $\epsilon_r =$ 52.606; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.395 mW/g

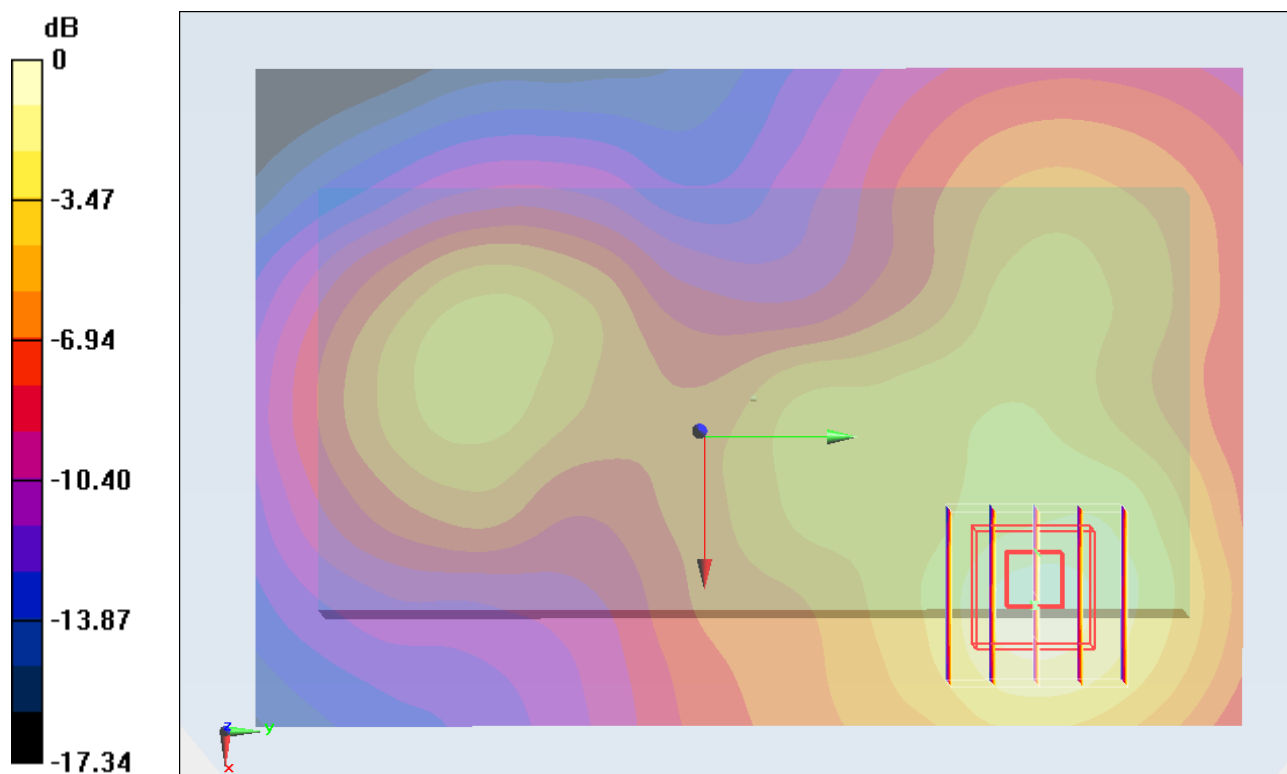
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.077 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.6430

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.429 mW/g



0 dB = 0.430mW/g = -7.33 dB mW/g

#15 CDMA2000 BC1_RC3+SO32_Back_Ch25_0cm_keypad1_Holster_2D**DUT: 162005-05**

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120214 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.481$ mho/m; $\epsilon_r =$ 52.606 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.395 mW/g

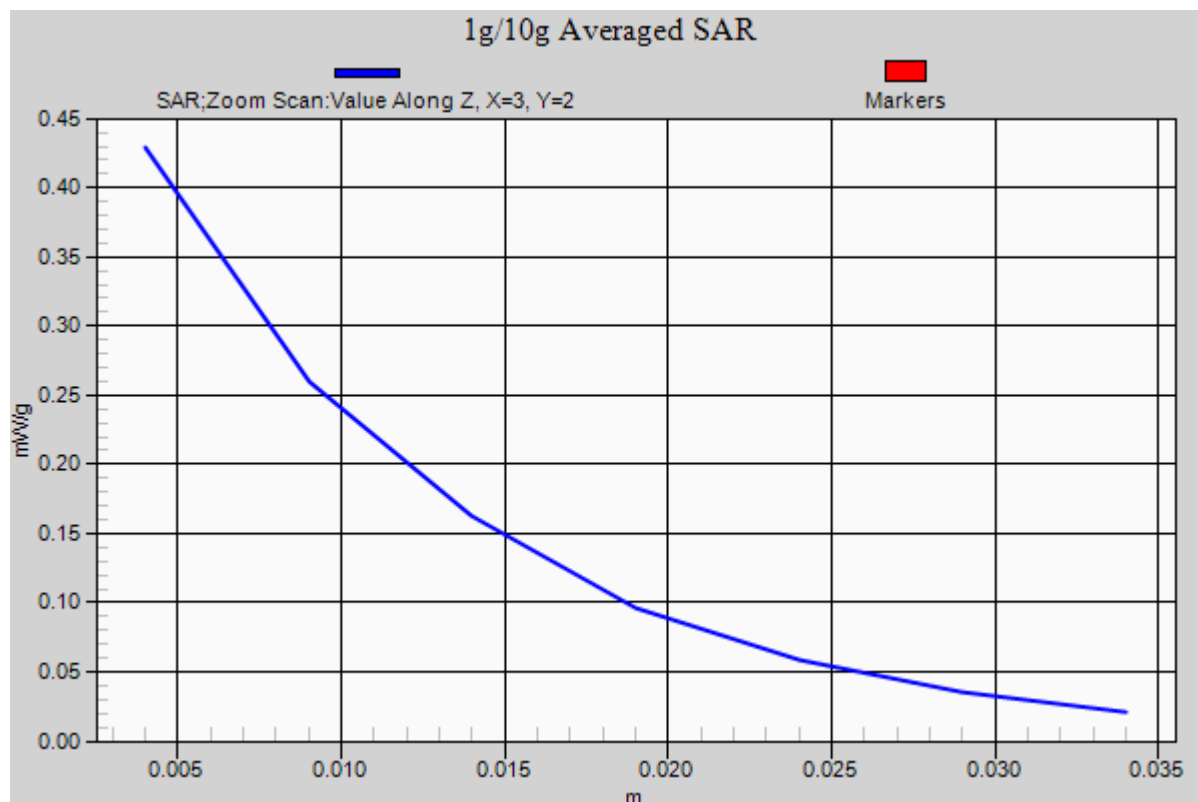
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.077 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.6430

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.429 mW/g



#16 CDMA2000 BC1_RC3+SO32_Back_Ch25_0cm_keypad2_Holster**DUT: 162005-05**

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_120214 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.481$ mho/m; $\epsilon_r =$ 52.606 ; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch25/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.400 mW/g

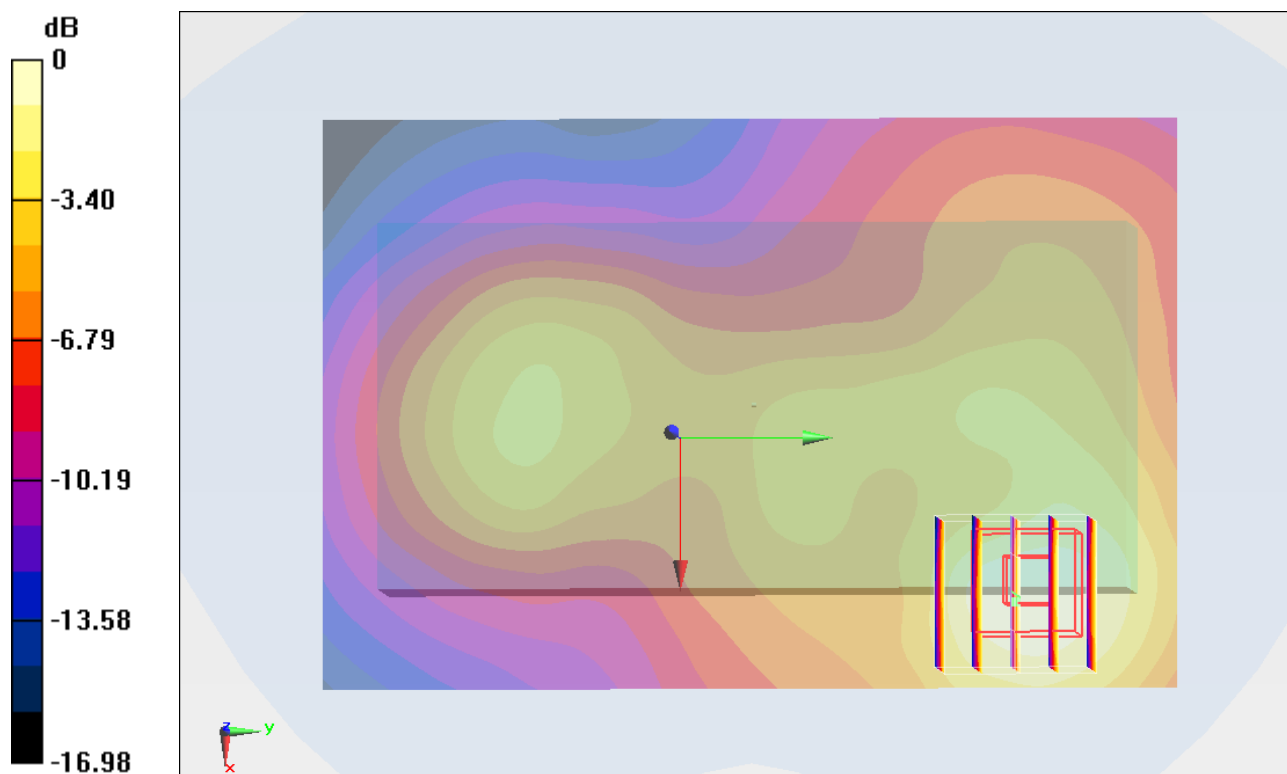
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.593 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.5910

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 0.408 mW/g



0 dB = 0.410mW/g = -7.74 dB mW/g

#75 802.11b_Front_0cm_Ch11_keypad1_Holster

DUT: 162005-05

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

Medium: MSL_2450_120216 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.981 \text{ mho/m}$; $\epsilon_r =$

51.494 ; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (61x91x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.034 mW/g

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

Reference Value = 3.725 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0840

SAR(1 g) = 0.031 mW/g ; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.032 mW/g

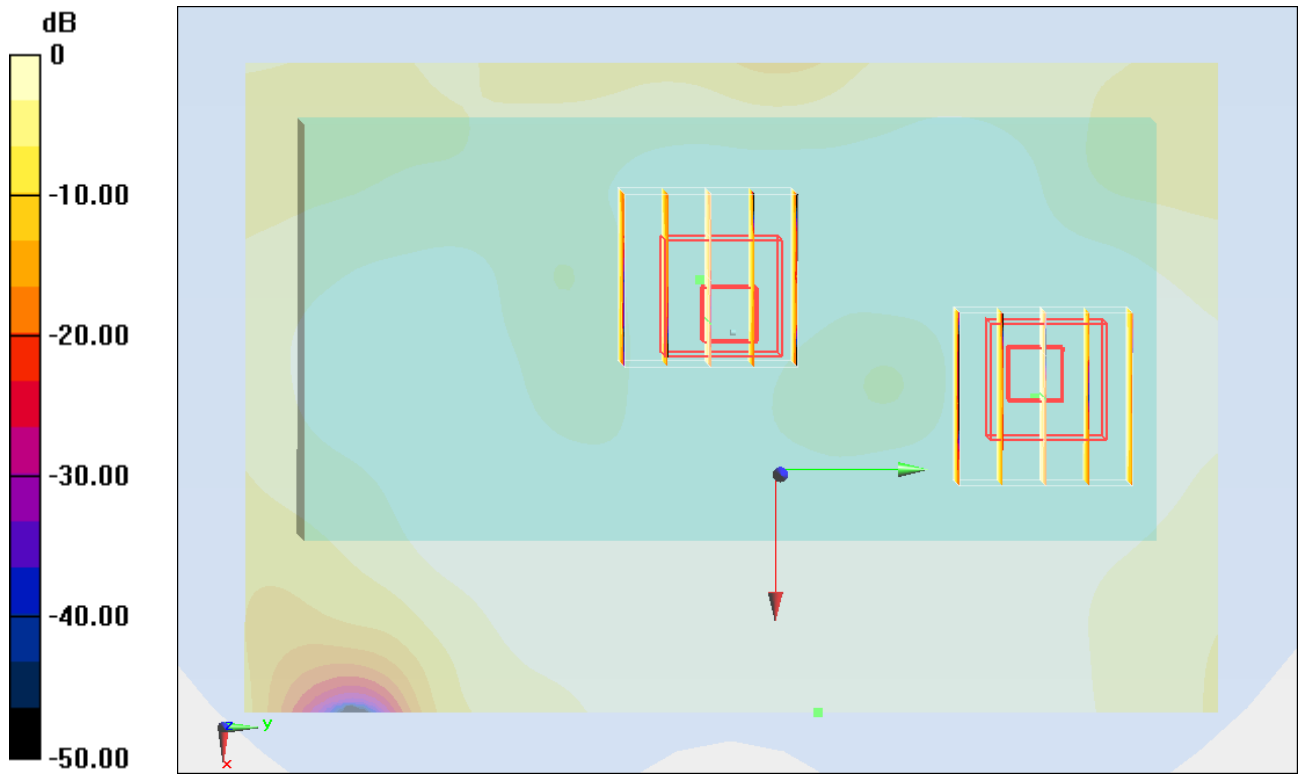
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.725 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0580

SAR(1 g) = 0.024 mW/g ; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.025 mW/g



#76 802.11b_Back_0cm_Ch11_keypad1_Holster**DUT: 162005-05**

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

Medium: MSL_2450_120216 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.981$ mho/m; $\epsilon_r =$ 51.494; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.158 mW/g

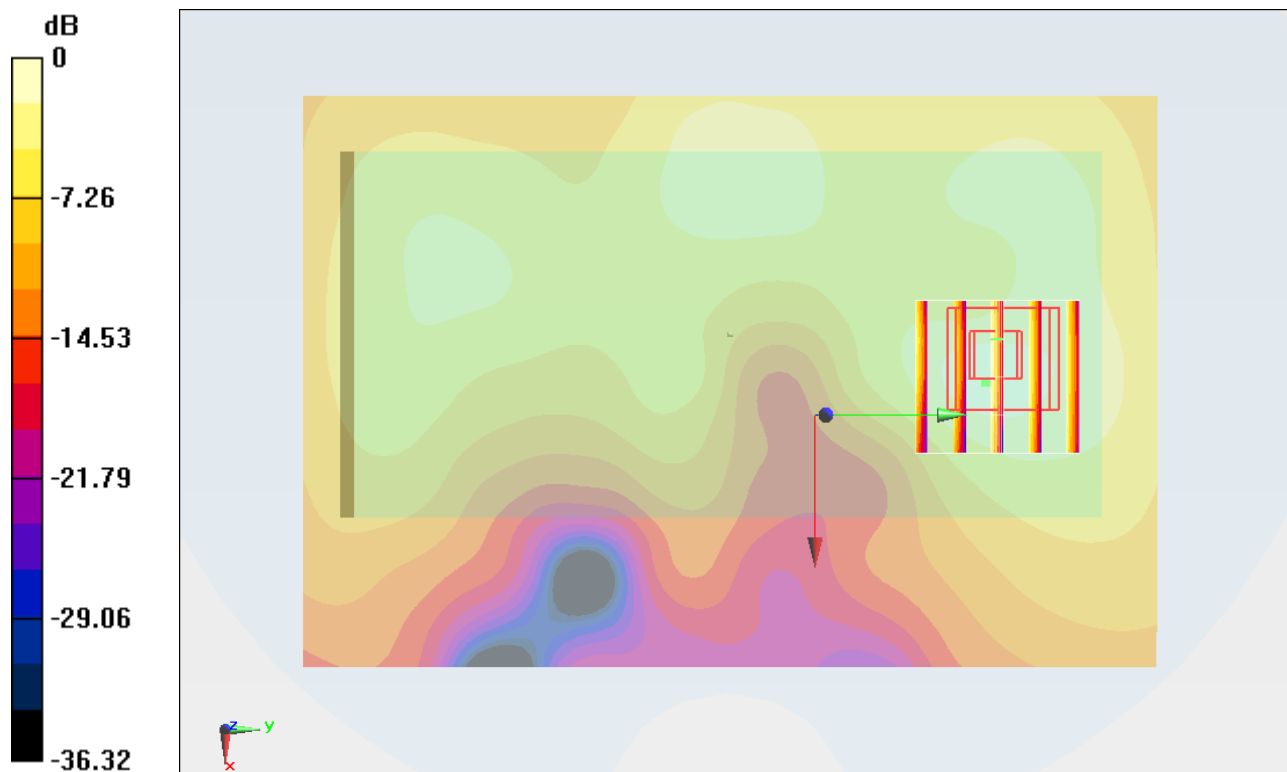
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.319 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.4960

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.201 mW/g



0 dB = 0.200mW/g = -13.98 dB mW/g

#77 802.11b_Back_0cm_Ch11_keypad2_Holster**DUT: 162005-05**

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

Medium: MSL_2450_120216 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.981$ mho/m; $\epsilon_r =$ 51.494; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.153 mW/g

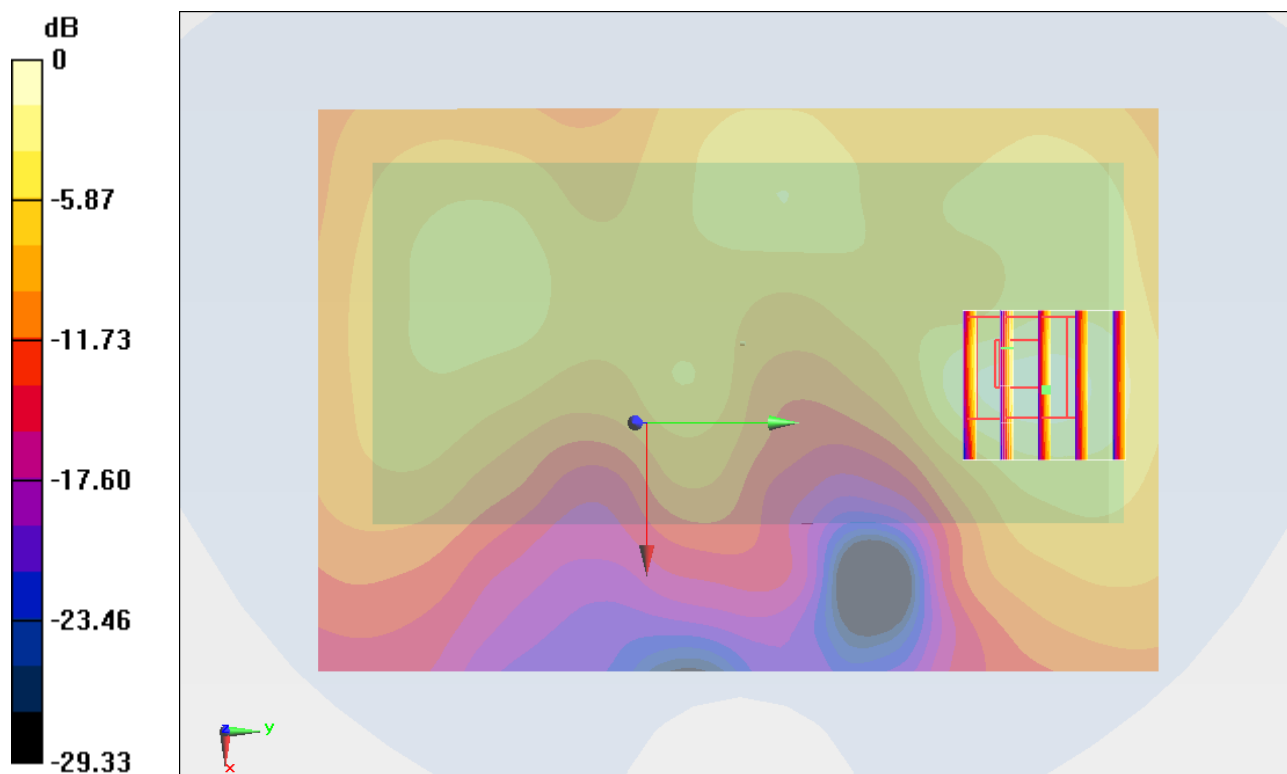
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.436 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.5210

SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.204 mW/g



0 dB = 0.200mW/g = -13.98 dB mW/g

#77 802.11b_Back_0cm_Ch11_keypad2_Holster_2D**DUT: 162005-05**

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

Medium: MSL_2450_120216 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.981$ mho/m; $\epsilon_r =$ 51.494; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch11/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.153 mW/g

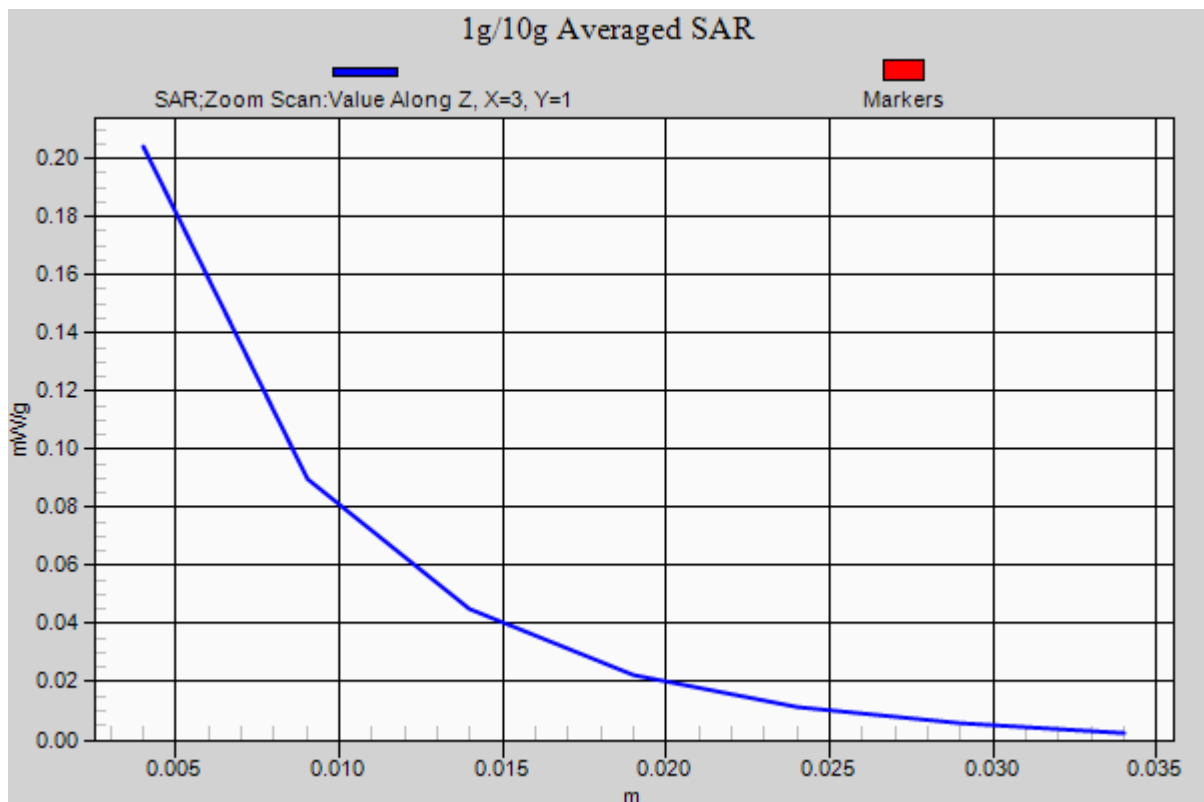
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.436 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.5210

SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.204 mW/g



#55 802.11a_Front_0cm_Ch44_Keypad1_Holster**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.389$ mho/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch44/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.067 mW/g

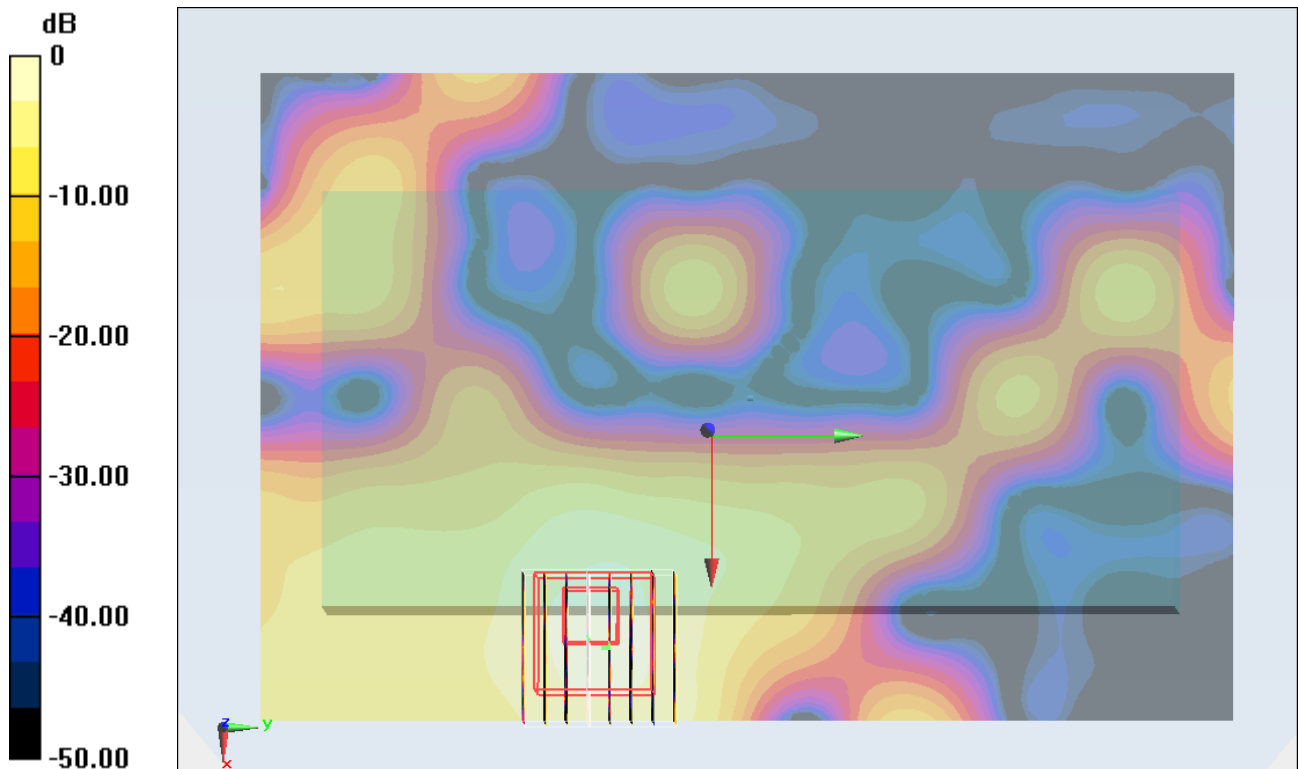
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.056 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.2620

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.112 mW/g



0 dB = 0.110mW/g = -19.17 dB mW/g

#56 802.11a_Back_0cm_Ch44_Keypad1_Holster**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.389$ mho/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch44/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.123 mW/g

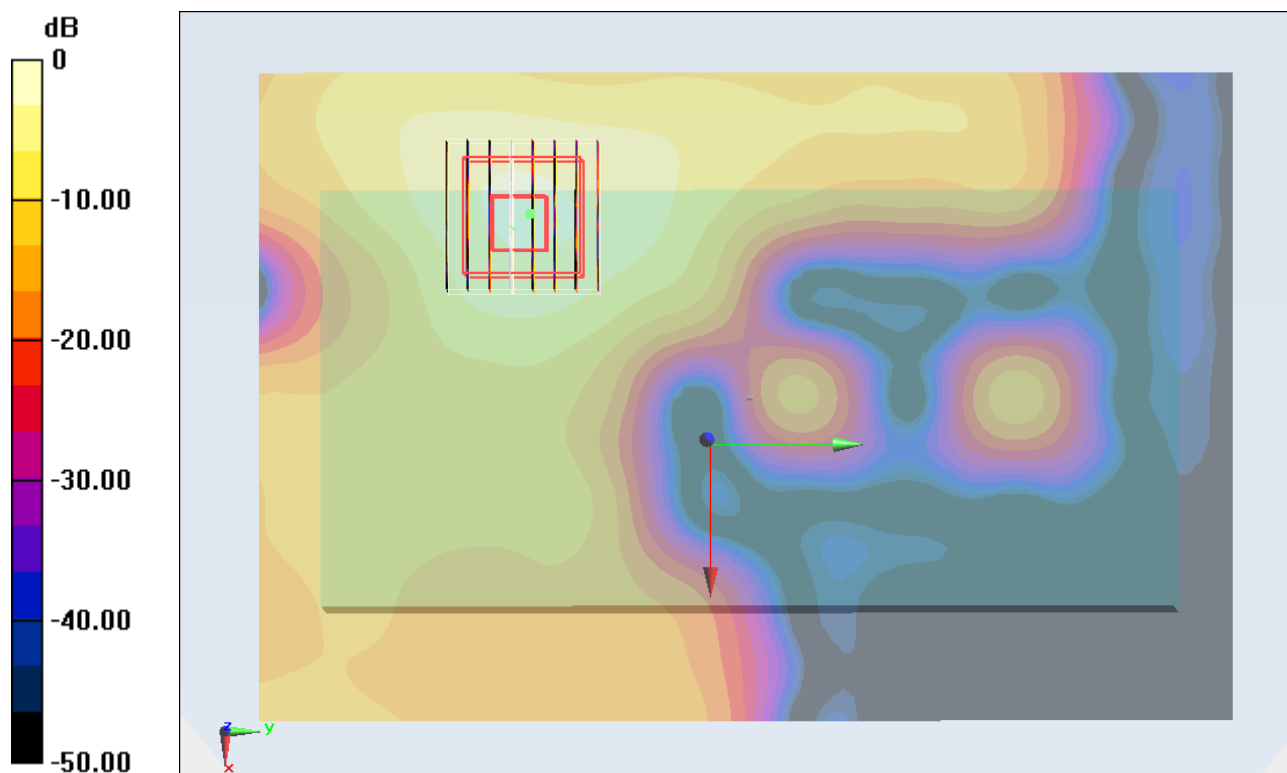
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.701 V/m; Power Drift = 0.197 dB

Peak SAR (extrapolated) = 0.4000

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.221 mW/g



0 dB = 0.220mW/g = -13.15 dB mW/g

#57 802.11a_Back_0cm_Ch44_Keypad2_Holster**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.389$ mho/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch44/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.101 mW/g

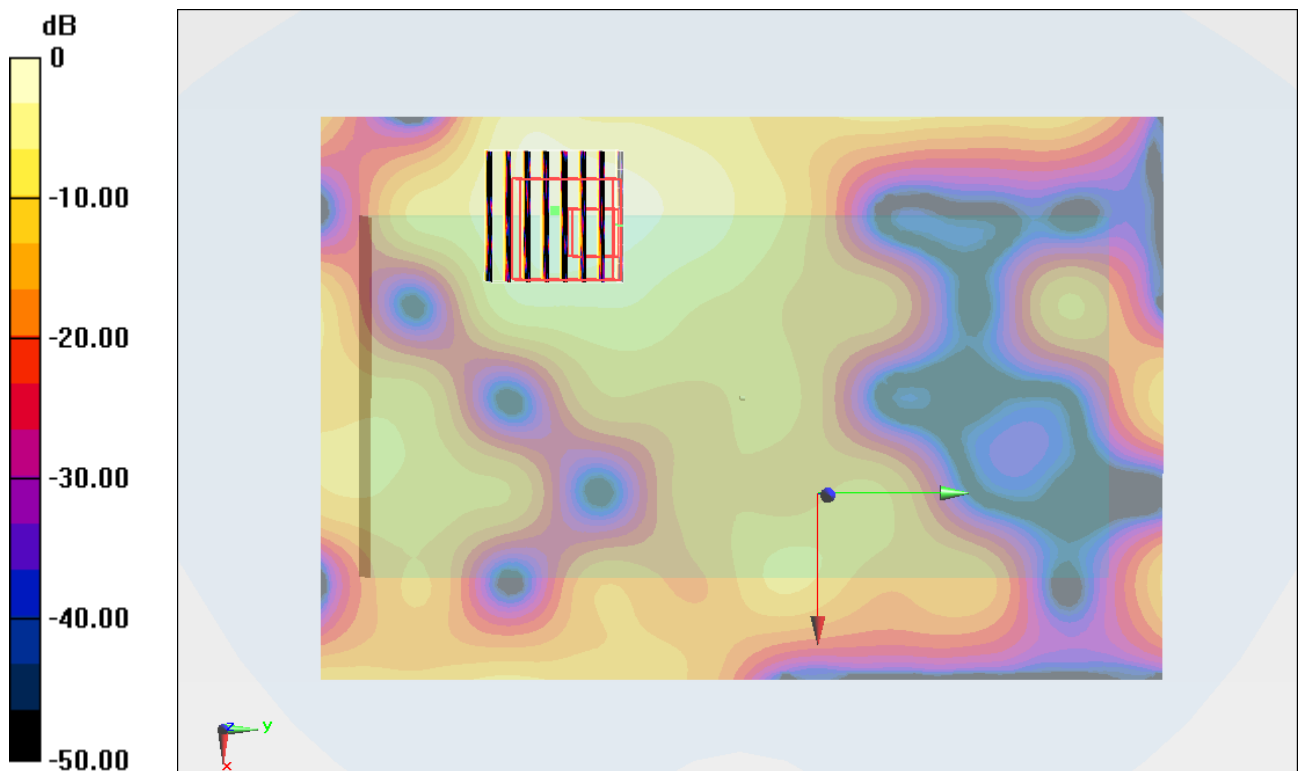
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.407 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 0.1550

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.141 mW/g



0 dB = 0.140mW/g = -17.08 dB mW/g

#57 802.11a_Back_0cm_Ch44_Keypad2_Holster_2D**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.389$ mho/m; $\epsilon_r = 48.639$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch44/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.101 mW/g

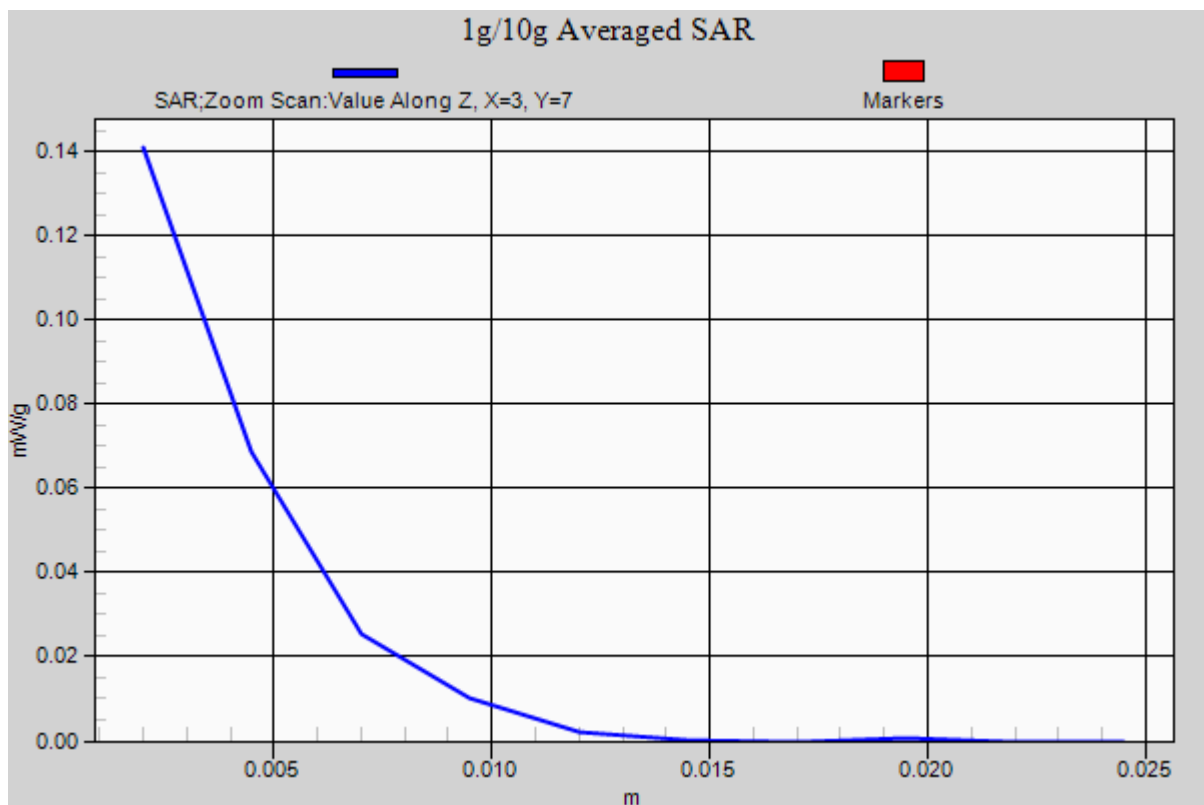
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.407 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 0.1550

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.141 mW/g



#58 802.11a_Front_0cm_Ch52_Keypad1_Holster**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.442$ mho/m; $\epsilon_r = 48.541$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.083 mW/g

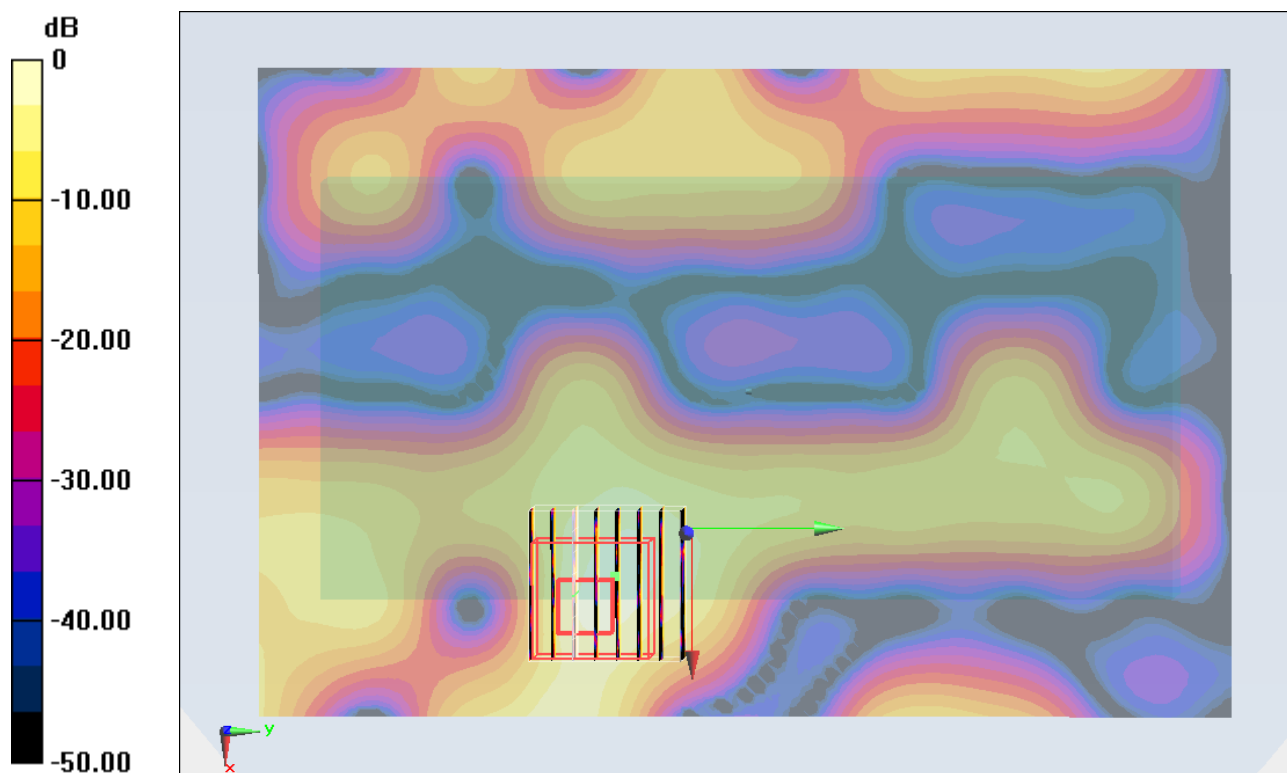
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.994 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.2680

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.118 mW/g



#59 802.11a_Back_0cm_Ch52_Keypad1_Holster**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.442$ mho/m; $\epsilon_r = 48.541$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.123 mW/g

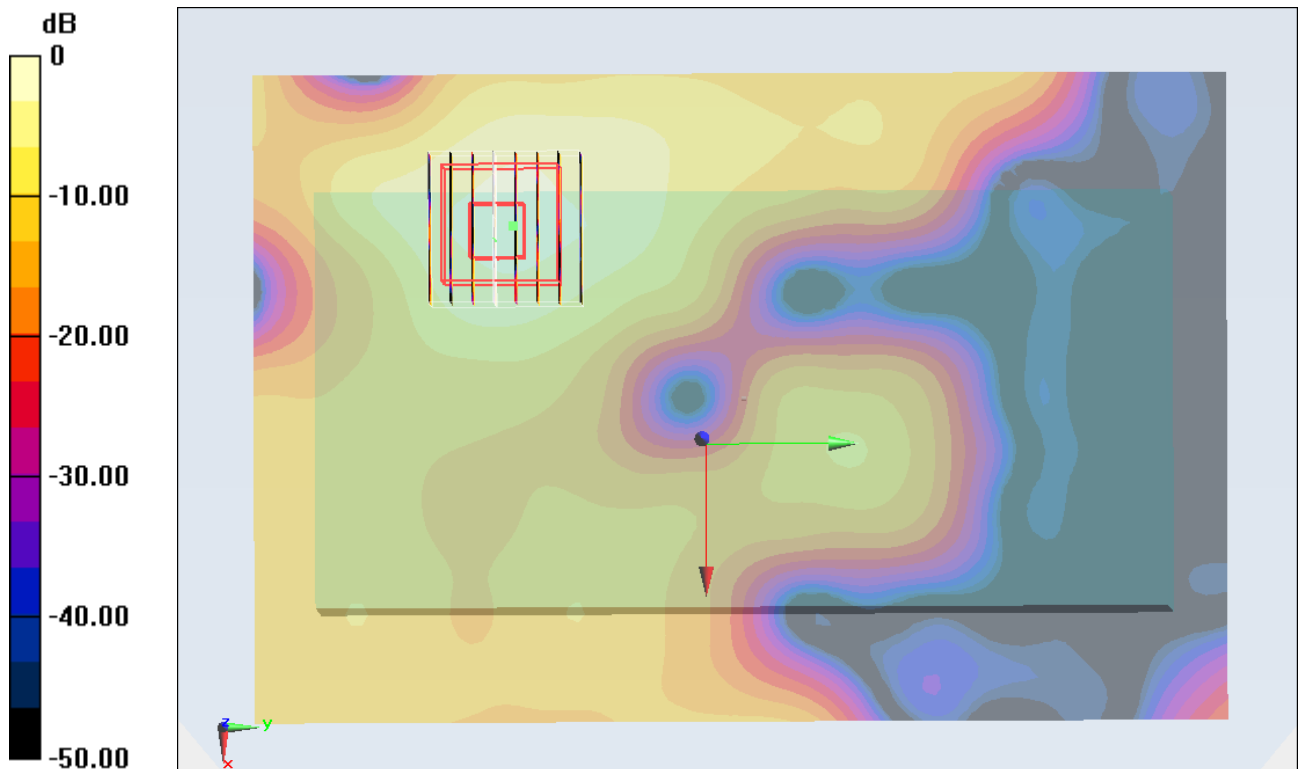
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.960 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.3030

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.179 mW/g



0 dB = 0.180mW/g = -14.89 dB mW/g

#59 802.11a_Back_0cm_Ch52_Keypad1_Holster_2D**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.442$ mho/m; $\epsilon_r = 48.541$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.123 mW/g

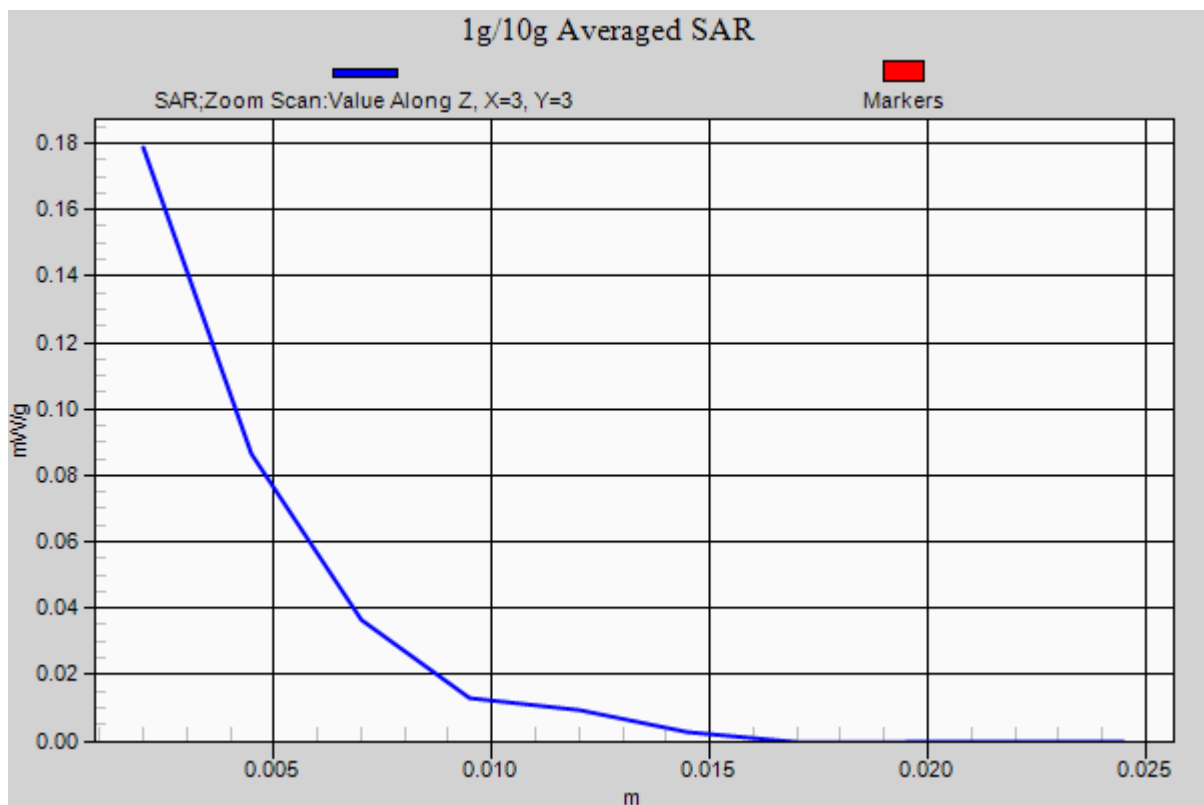
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.960 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.3030

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.179 mW/g



#60 802.11a_Back_0cm_Ch52_Keypad2_Holster**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.442$ mho/m; $\epsilon_r = 48.541$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch52/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.106 mW/g

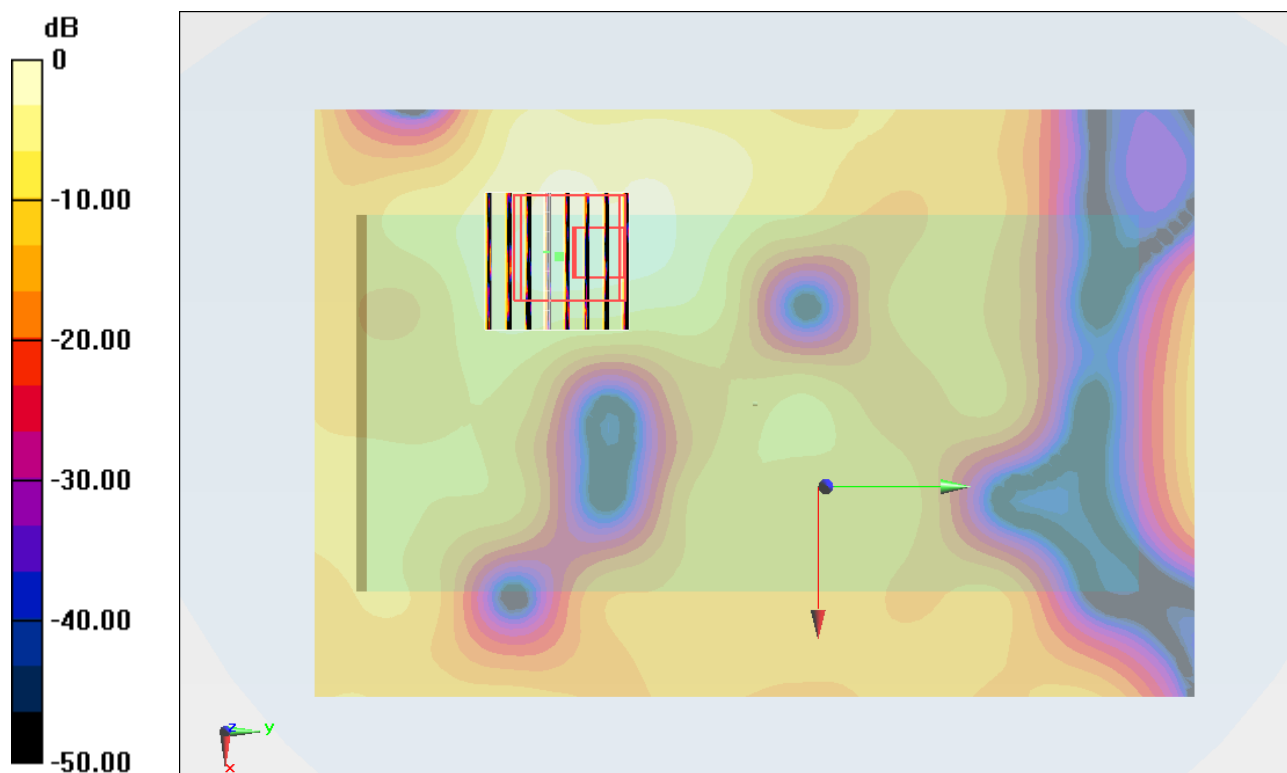
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.632 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.1780

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.146 mW/g



0 dB = 0.150mW/g = -16.48 dB mW/g

#61 802.11a_Front_0cm_Ch100_Keypad1_Holster

DUT: 162005-05

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.802$ mho/m; $\epsilon_r = 48.026$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.022 mW/g

Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.191 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 0.2430

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.052 mW/g

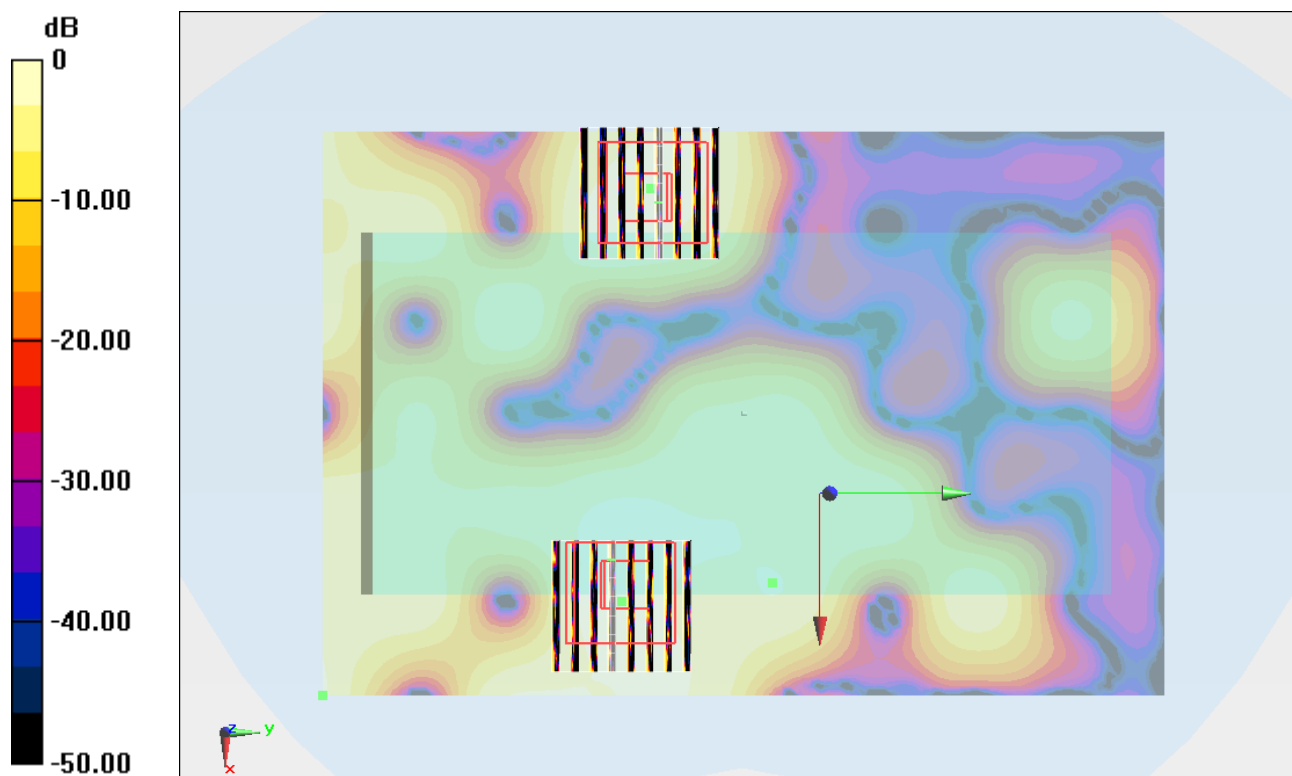
Ch100/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.191 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 0.1140

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00599 mW/g

Maximum value of SAR (measured) = 0.034 mW/g



0 dB = 0.030mW/g = -30.46 dB mW/g

#62 802.11a_Back_0cm_Ch100_Keypad1_Holster**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.802$ mho/m; $\epsilon_r = 48.026$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.129 mW/g

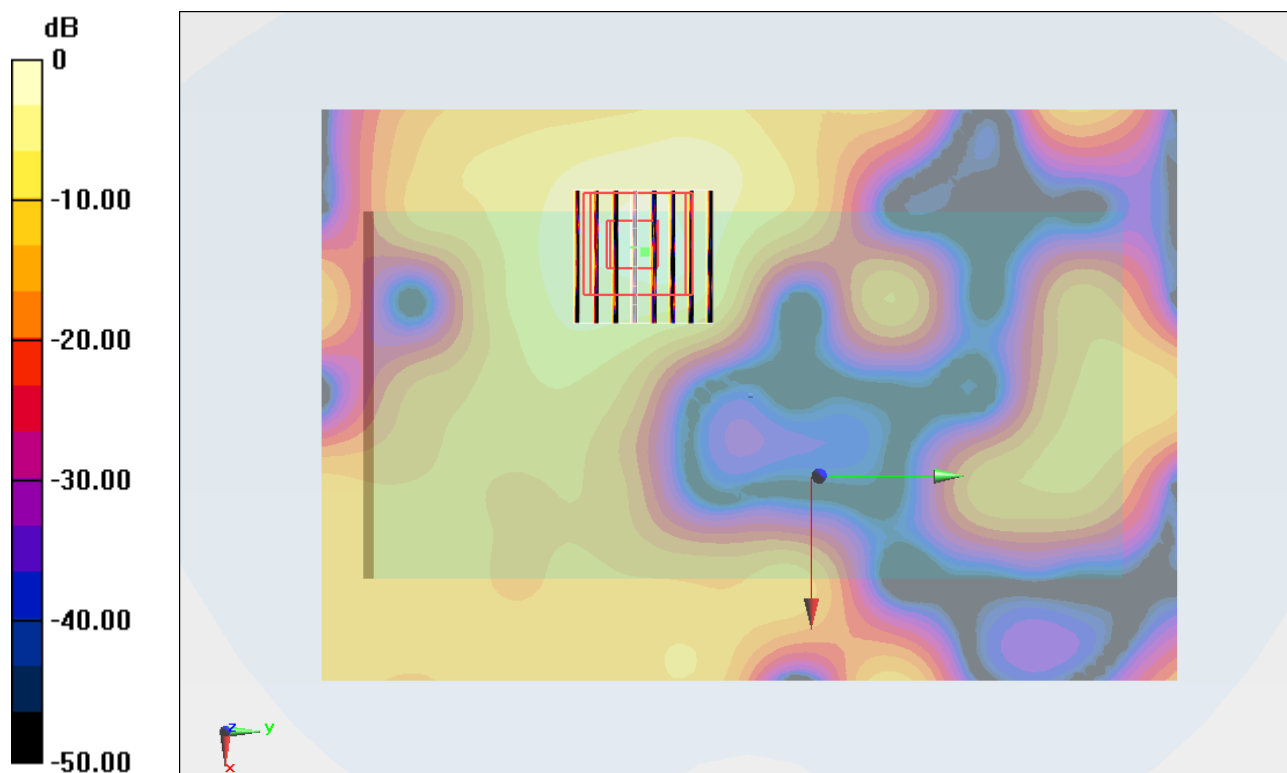
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.006 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.3340

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.190 mW/g



0 dB = 0.190mW/g = -14.42 dB mW/g

#62 802.11a_Back_0cm_Ch100_Keypad1_Holster_2D**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.802$ mho/m; $\epsilon_r = 48.026$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.129 mW/g

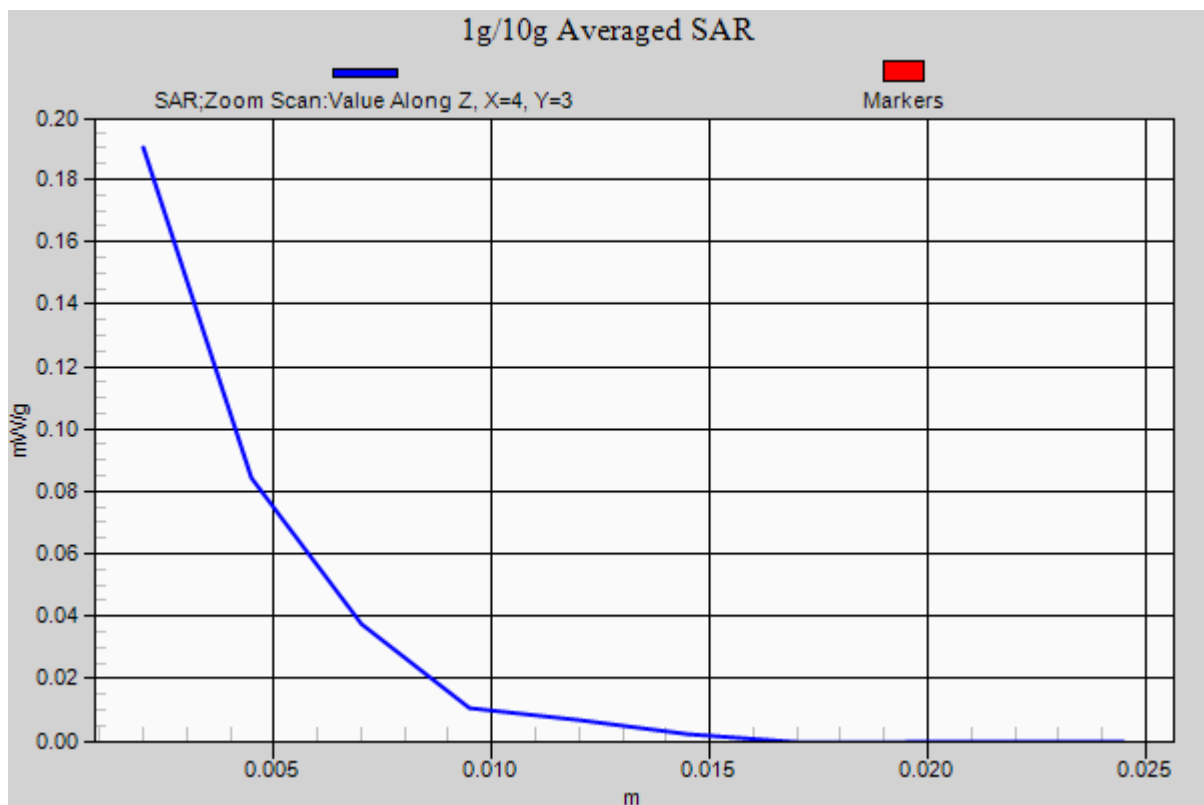
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.006 V/m; Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.3340

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.190 mW/g



#63 802.11a_Back_0cm_Ch100_Keypad2_Holster**DUT: 162005-05**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120215 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.802$ mho/m; $\epsilon_r = 48.026$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.122 mW/g

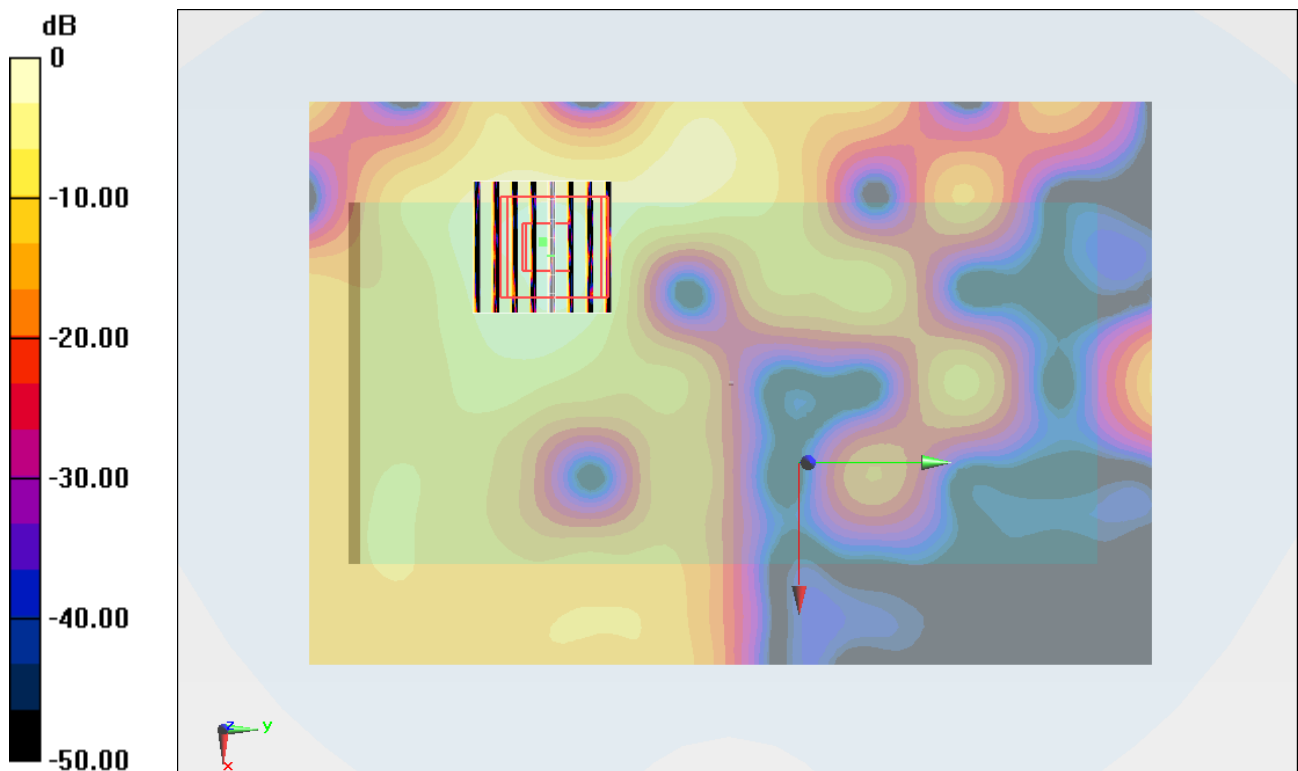
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.933 V/m; Power Drift = -0.151 dB

Peak SAR (extrapolated) = 0.3300

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.159 mW/g



0 dB = 0.160mW/g = -15.92 dB mW/g

#64 802.11a_Front_0cm_Ch157_Keypad1_Holster**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.214$ mho/m; $\epsilon_r = 47.373$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.183 mW/g

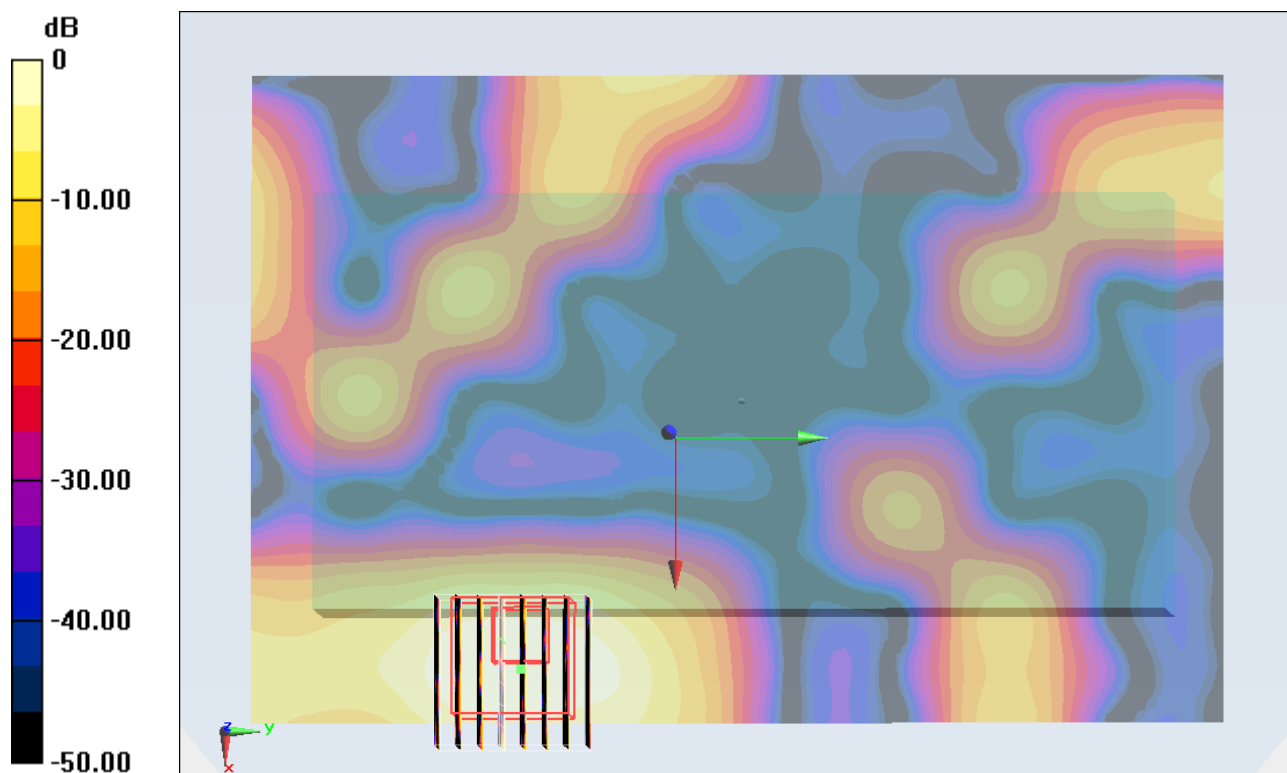
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.176 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 0.2530

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.126 mW/g



0 dB = 0.130mW/g = -17.72 dB mW/g

#65 802.11a_Back_0cm_Ch157_Keypad1_Holster**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.214$ mho/m; $\epsilon_r = 47.373$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.136 mW/g

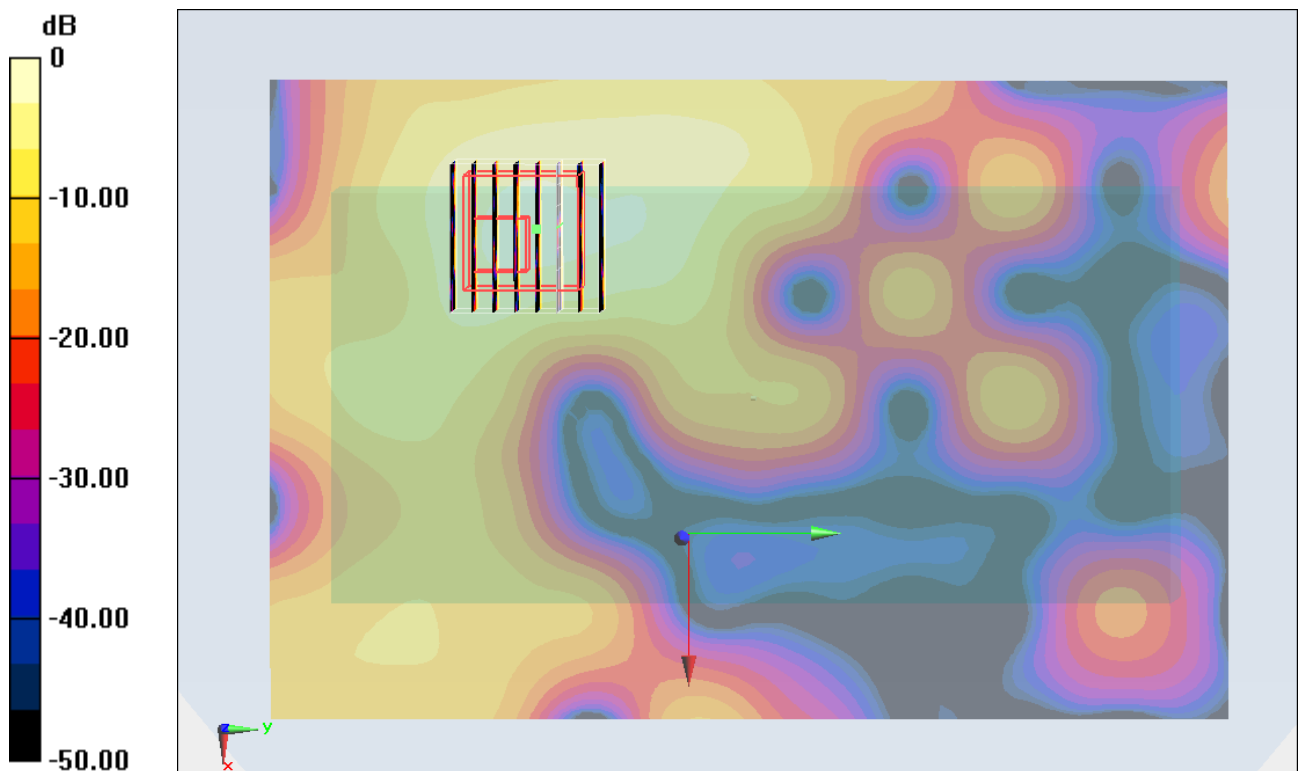
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.467 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.2550

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.220 mW/g



0 dB = 0.220mW/g = -13.15 dB mW/g

#66 802.11a_Back_0cm_Ch157_Keypad2_Holster**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.214$ mho/m; $\epsilon_r = 47.373$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.161 mW/g

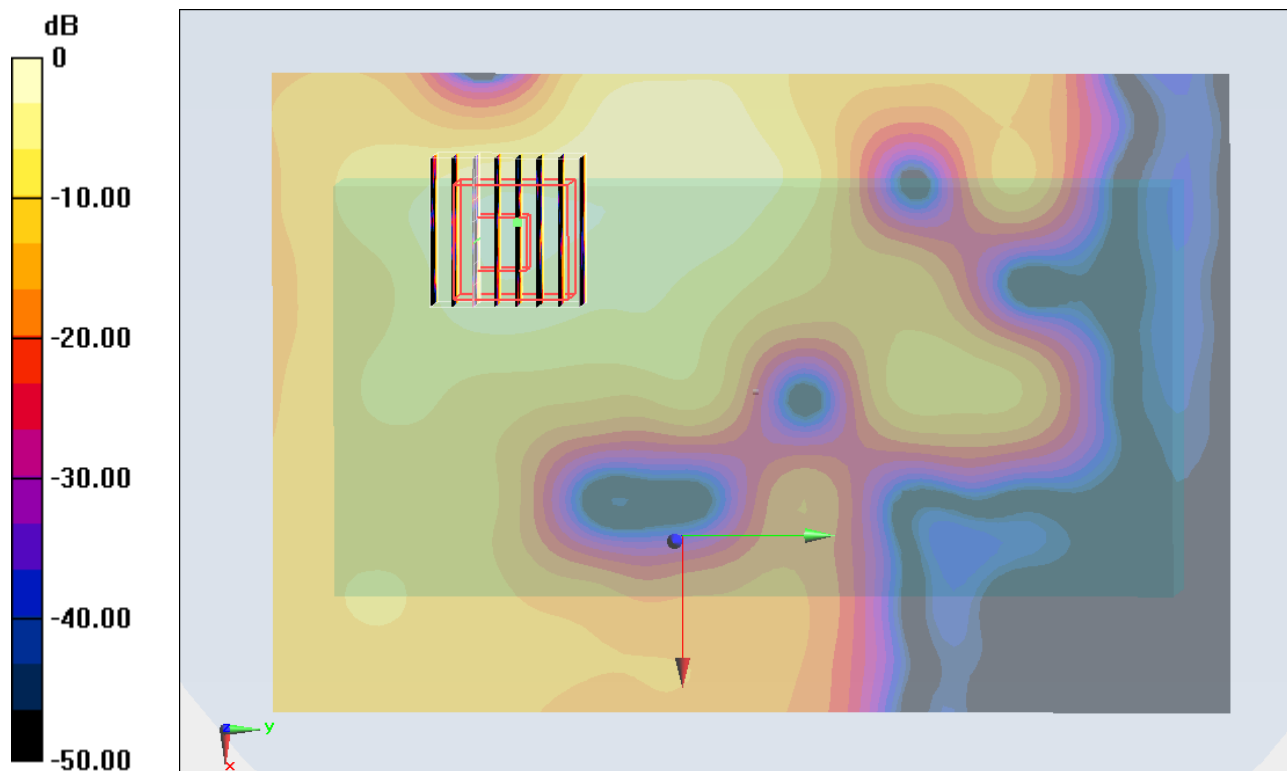
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.506 V/m; Power Drift = -0.186 dB

Peak SAR (extrapolated) = 0.3050

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.266 mW/g



0 dB = 0.270mW/g = -11.37 dB mW/g

#66 802.11a_Back_0cm_Ch157_Keypad2_Holster_2D**DUT: 162005-05**

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

Medium: MSL_5G_120215 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.214$ mho/m; $\epsilon_r =$ 47.373 ; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

Ch157/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.161 mW/g

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

Reference Value = 2.506 V/m; Power Drift = -0.186 dB

Peak SAR (extrapolated) = 0.3050

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.266 mW/g

