

#01 WiMAX_QPSK 1/2_BW 5M_2593.0MHz_Aux Ant_Front Face_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.940 mW/g

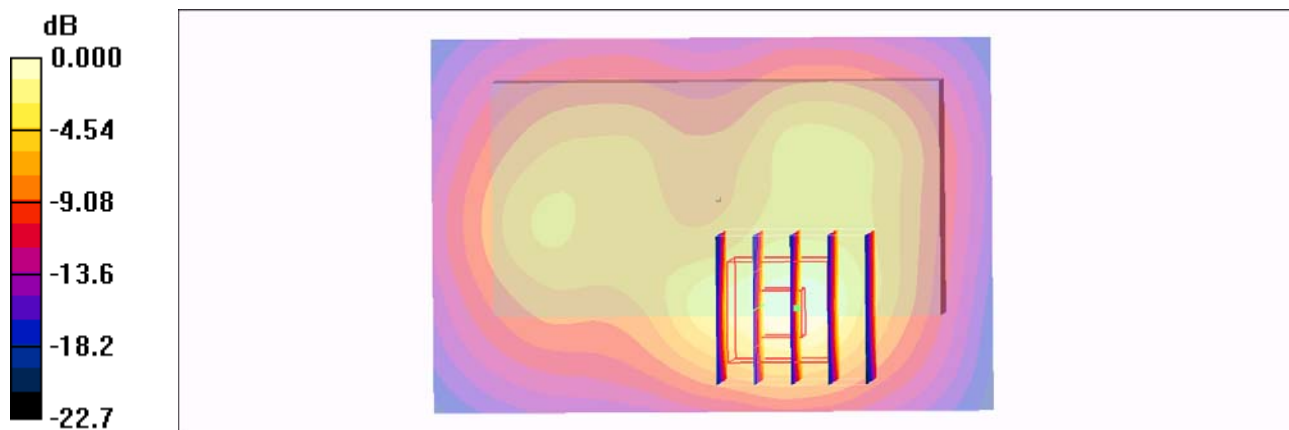
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.55 V/m; Power Drift = -0.082 dB (-1.9%)

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 0.923 mW/g



0 dB = 0.923mW/g

#02 WiMAX_QPSK 1/2_BW 5M_2593.0MHz_Aux Ant_Rear Face_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.201 mW/g

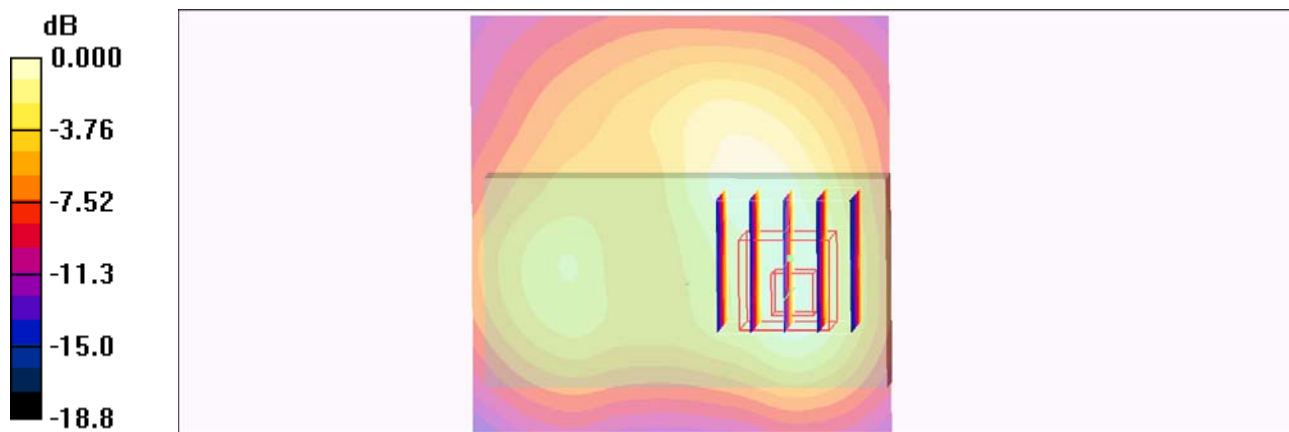
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.77 V/m; Power Drift = 0.010 dB (0.2%)

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.195 mW/g



0 dB = 0.195mW/g

#03 WiMAX_QPSK 1/2_BW 5M_2593.0MHz_Aux Ant_Right Side_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.747 mW/g

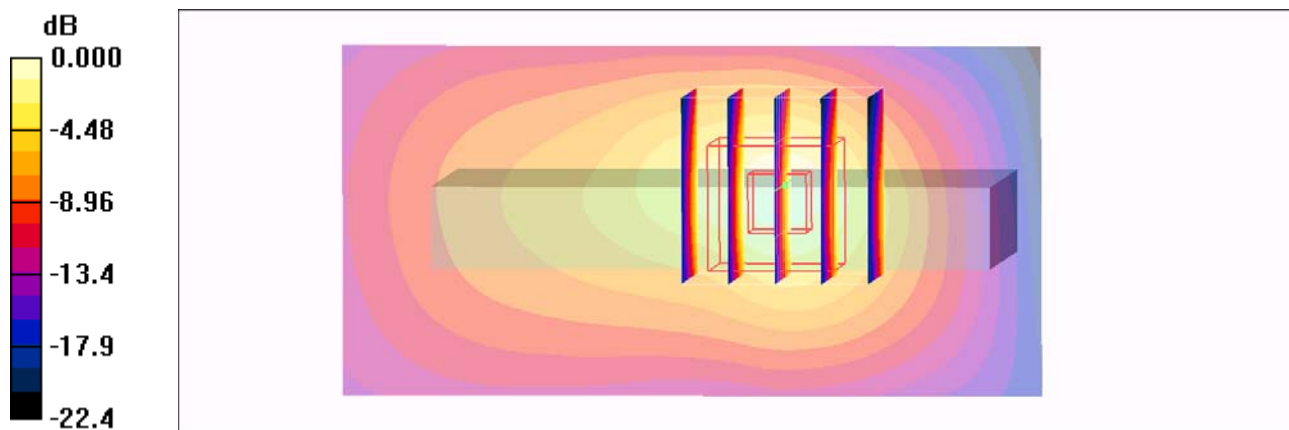
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.0 V/m; Power Drift = -0.096 dB (-2.2%)

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 0.812 mW/g



0 dB = 0.812mW/g

#07 WiMAX_QPSK 1/2_BW 5M_2498.5MHz_Aux Ant_Front Face_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL_2450_101122 Medium parameters used : $f = 2498.5$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 51.3$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.03, 4.03, 4.03); Calibrated: 2010/5/18

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

- Electronics: DAE3 Sn577; Calibrated: 2010/8/18

- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch0/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.255 mW/g

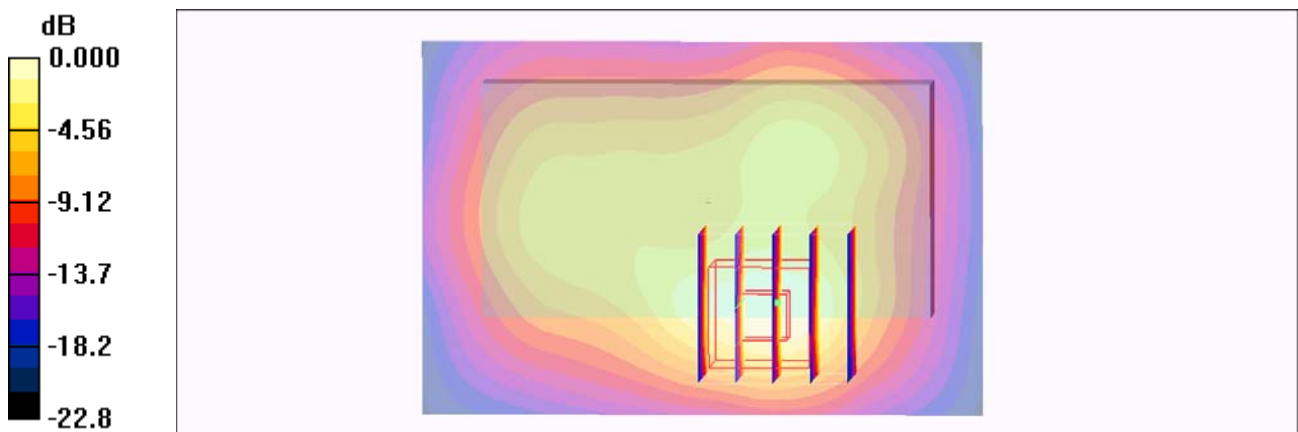
Ch0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.06 V/m; Power Drift = -0.086 dB (-2.0%)

Peak SAR (extrapolated) = 0.573 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.218 mW/g



0 dB = 0.218mW/g

#08 WiMAX_QPSK 1/2_BW 5M_2687.5MHz_Aux Ant_Front Face_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch2/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.717 mW/g

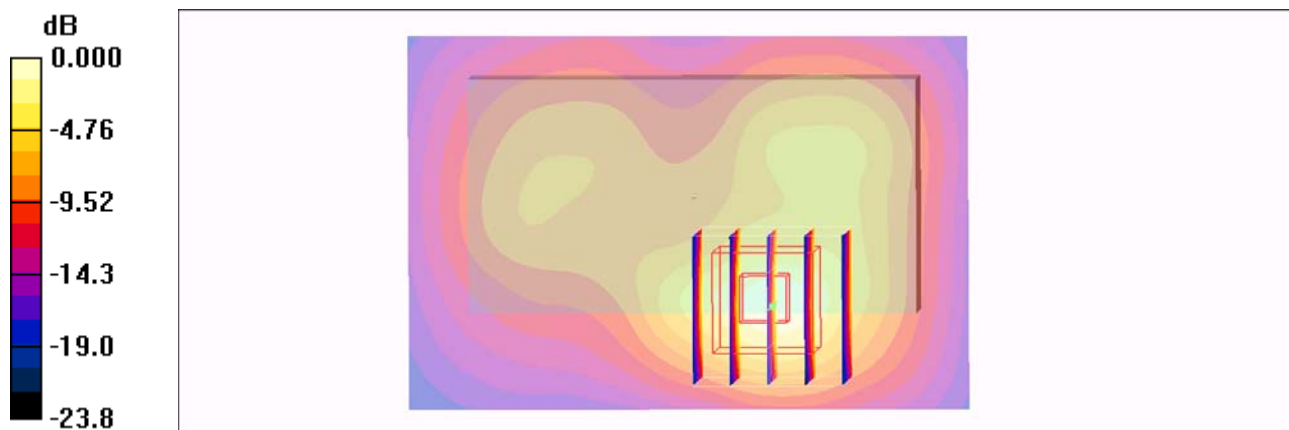
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.24 V/m; Power Drift = -0.133 dB (-3.0%)

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 0.788 mW/g



0 dB = 0.717mW/g

#09 WiMAX_16QAM 1/2_BW 5M_2593.0MHz_Aux Ant_Front Face_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.950 mW/g

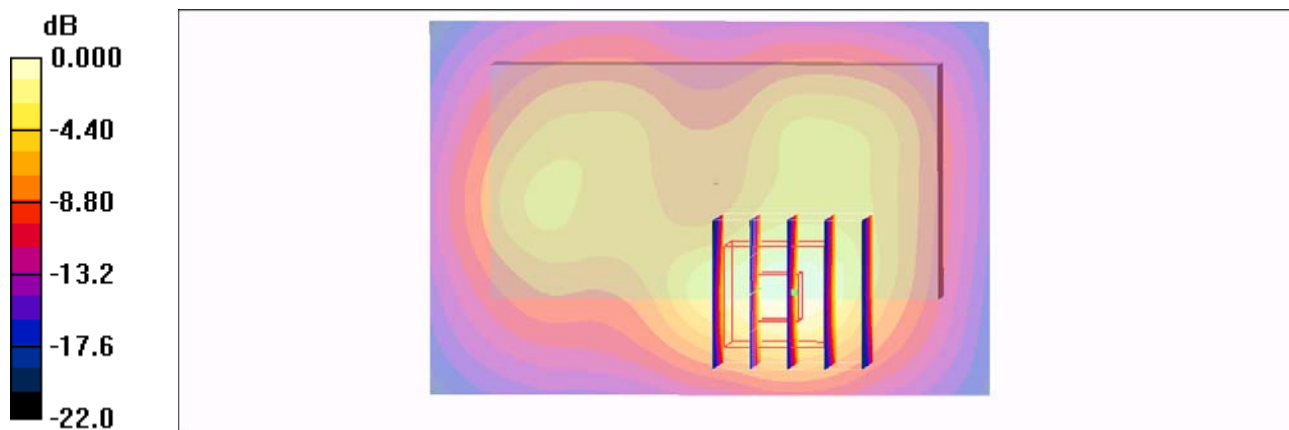
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.35 V/m; Power Drift = -0.111 dB (-2.5%)

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.364 mW/g

Maximum value of SAR (measured) = 0.928 mW/g



0 dB = 0.928mW/g

#10 WiMAX_QPSK 1/2_BW 5M_2593.0MHz_Main Ant_Front Face_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.759 mW/g

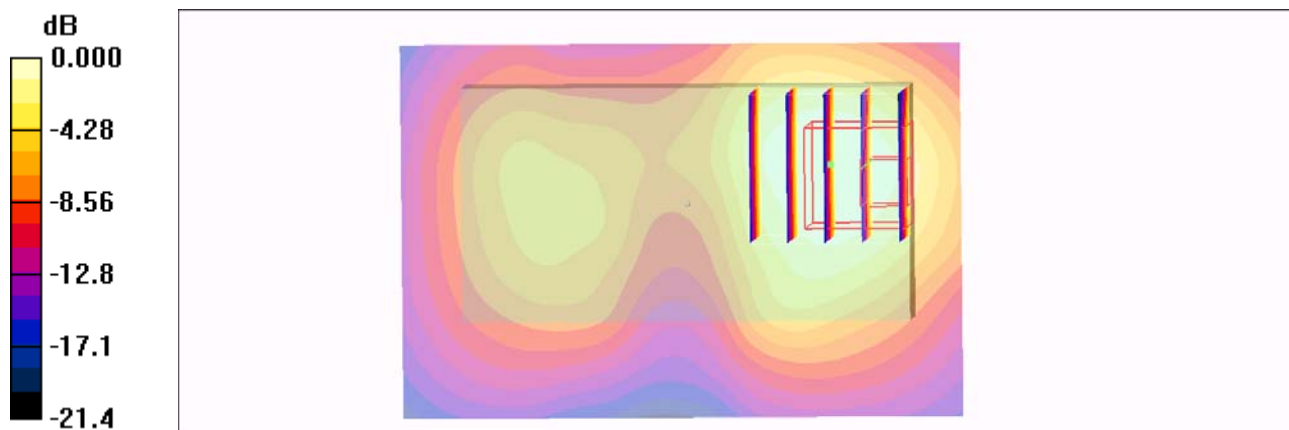
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.33 V/m; Power Drift = 0.059 dB (1.4%)

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.639 mW/g



0 dB = 0.639mW/g

#11 WiMAX_QPSK 1/2_BW 5M_2593.0MHz_Main Ant_Rear Face_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.340 mW/g

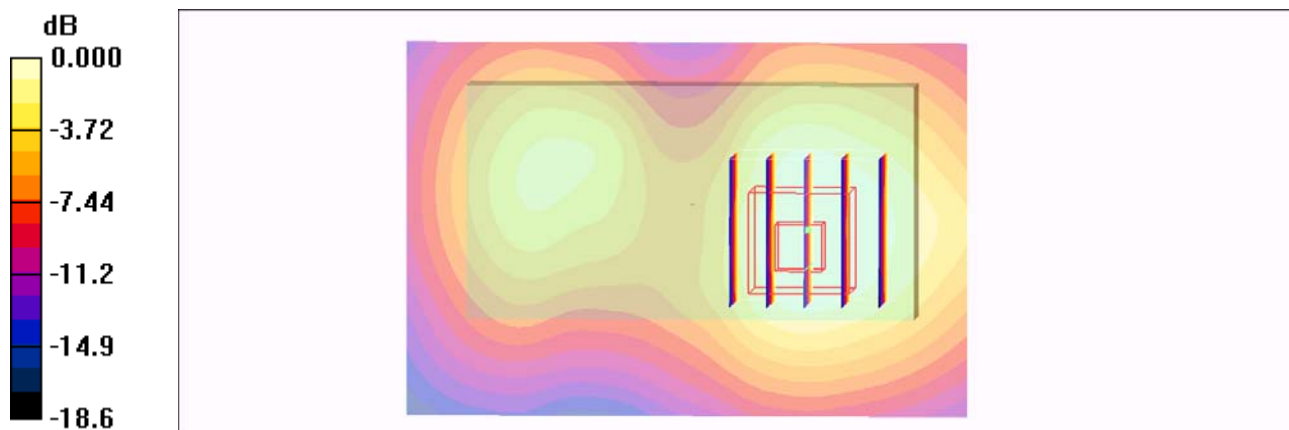
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.05 V/m; Power Drift = -0.161 dB (-3.6%)

Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 0.301 mW/g



0 dB = 0.301mW/g

#12 WiMAX_QPSK 1/2_BW 5M_2593.0MHz_Main Ant_Right Side_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.181 mW/g

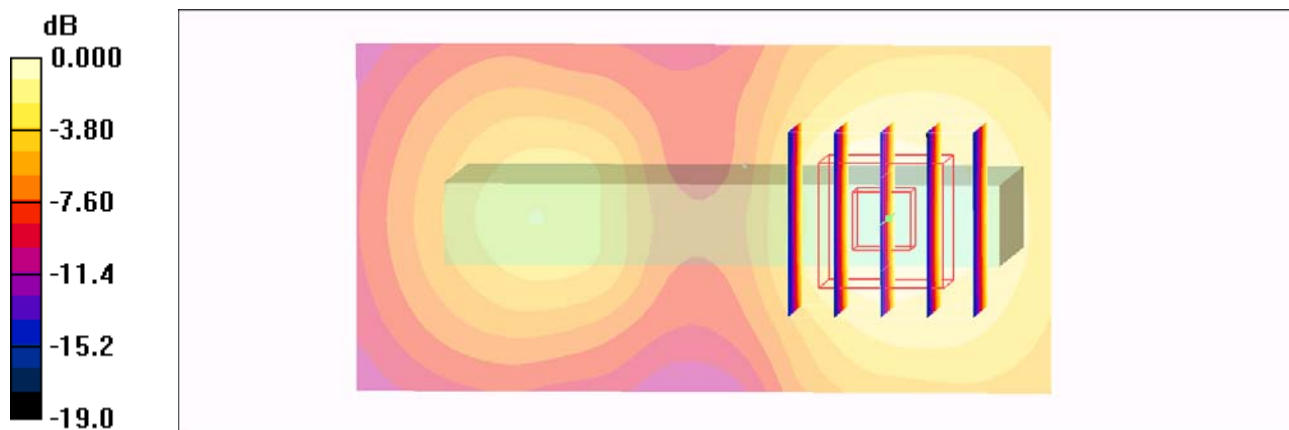
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.84 V/m; Power Drift = -0.104 dB (-2.4%)

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.179 mW/g



0 dB = 0.179mW/g

#13 WiMAX_QPSK 1/2_BW 5M_2593.0MHz_Main Ant_Left Side_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.182 mW/g

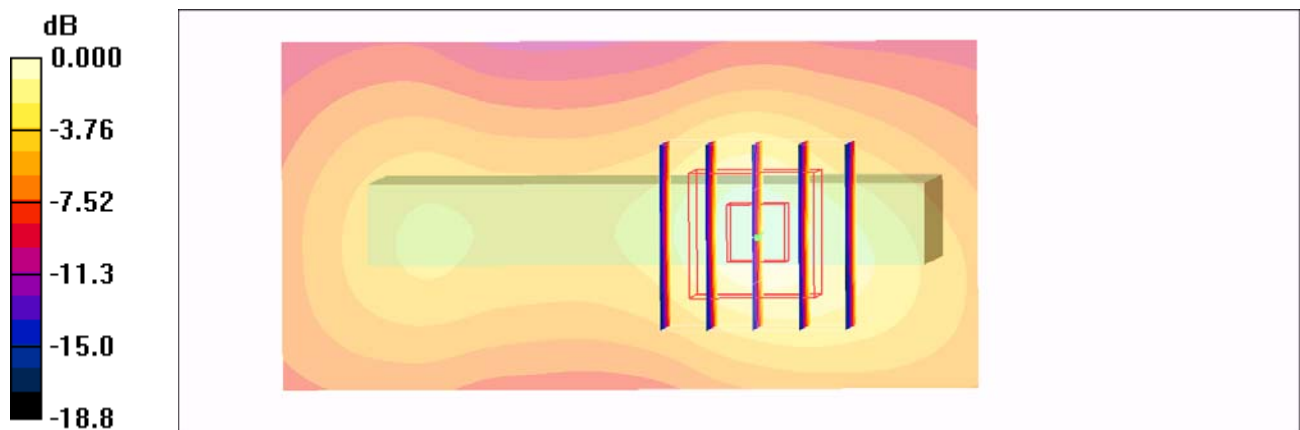
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.92 V/m; Power Drift = -0.120 dB (-2.7%)

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.200 mW/g



0 dB = 0.200mW/g

#14 WiMAX_QPSK 1/2_BW 5M_2593.0MHz_Main Ant_Top Side_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (41x41x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.421 mW/g

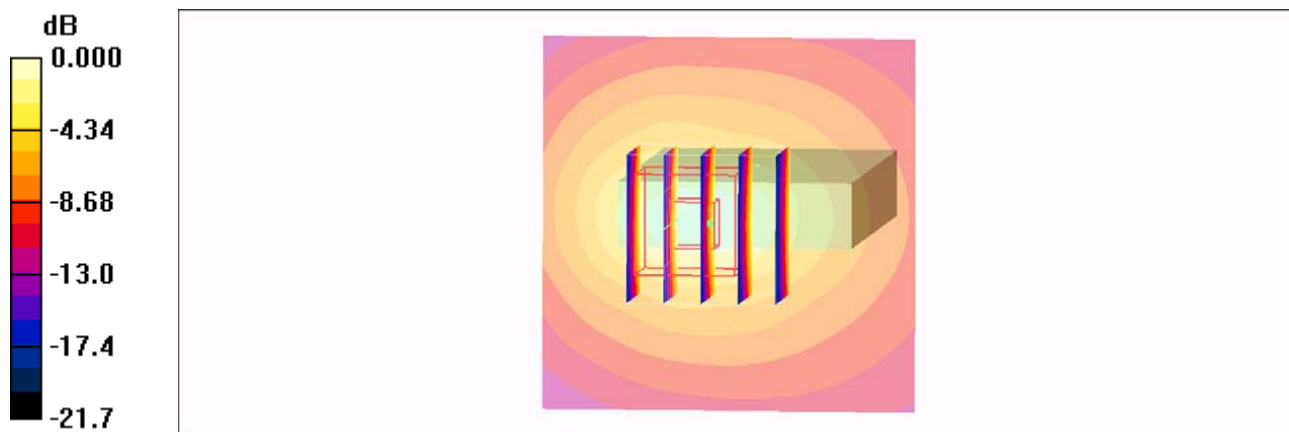
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = -0.002 dB (0.0%)

Peak SAR (extrapolated) = 0.799 W/kg

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.451 mW/g



0 dB = 0.451mW/g

#19 WiMAX_QPSK 1/2_BW 10M_2593.0MHz_Aux Ant_Front Face_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.981 mW/g

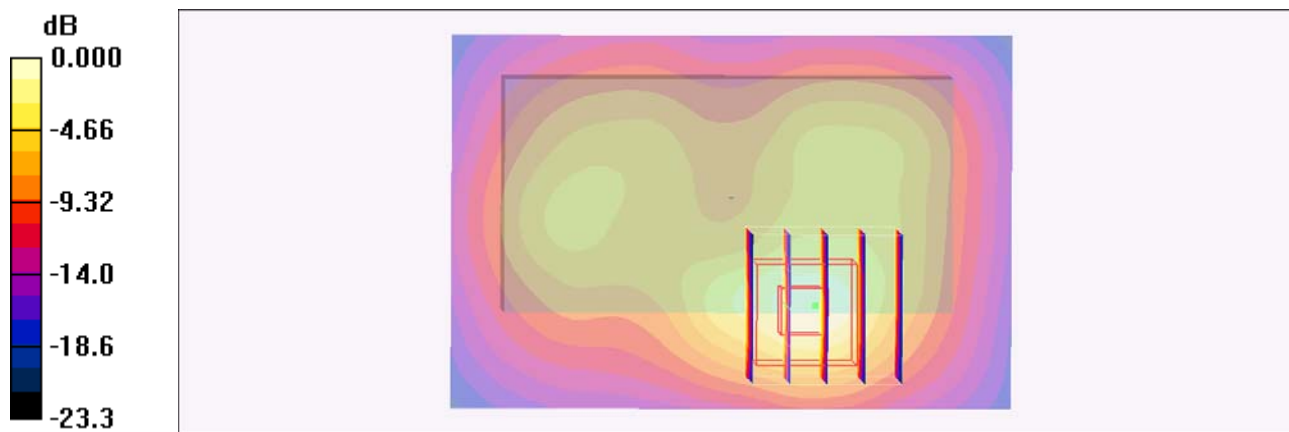
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.45 V/m; Power Drift = -0.112 dB (-2.5%)

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.367 mW/g

Maximum value of SAR (measured) = 0.932 mW/g



0 dB = 0.932mW/g

#19 WiMAX_QPSK 1/2_BW 10M_2593.0MHz_Aux Ant_Front Face_1cm_2D

DUT: 000616

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.981 mW/g

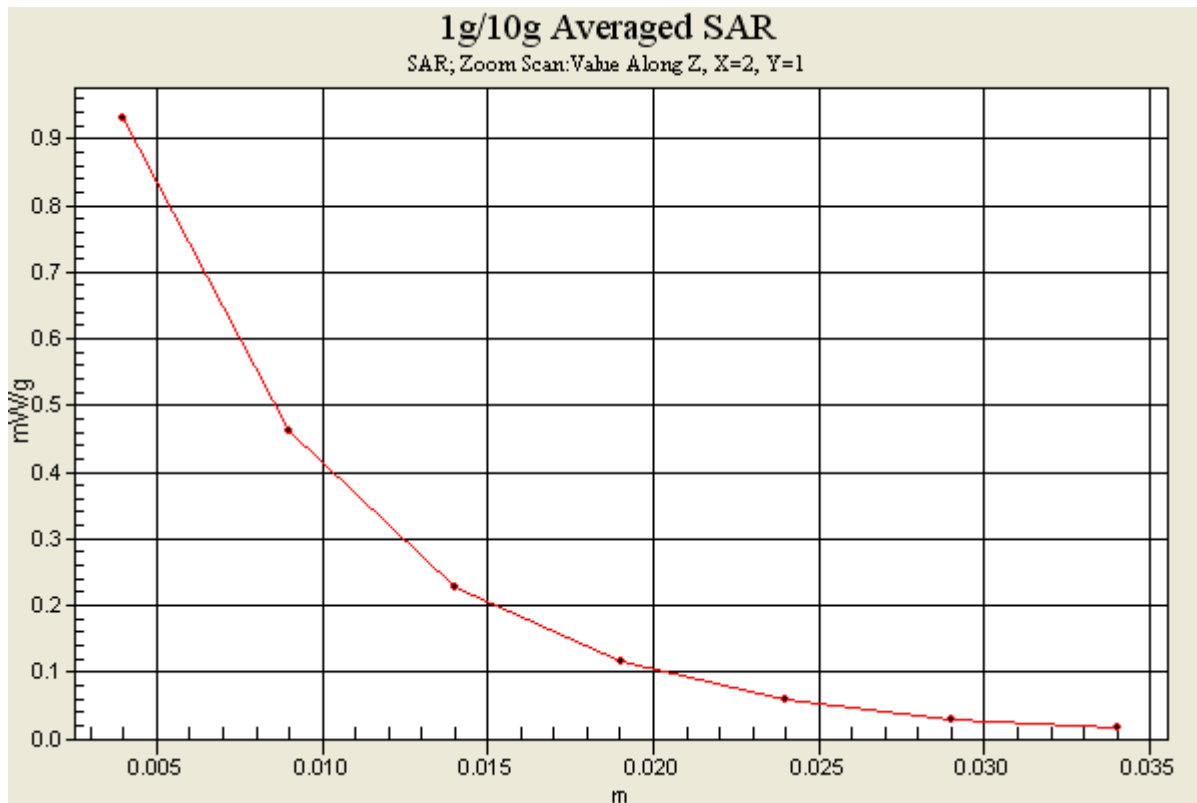
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.45 V/m; Power Drift = -0.112 dB (-2.5%)

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.367 mW/g

Maximum value of SAR (measured) = 0.932 mW/g



#20 WiMAX_QPSK 1/2_BW 10M_2593.0MHz_Aux Ant_Rear Face_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (51x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.189 mW/g

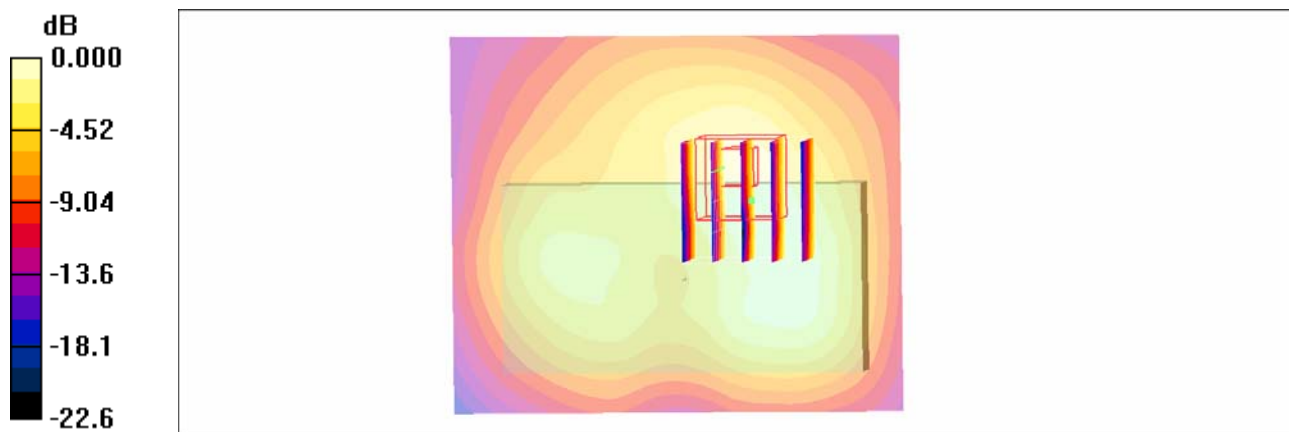
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.73 V/m; Power Drift = -0.167 dB (-3.8%)

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.198 mW/g



0 dB = 0.198mW/g

#21 WiMAX_QPSK 1/2_BW 10M_2593.0MHz_Aux Ant_Right Side_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.757 mW/g

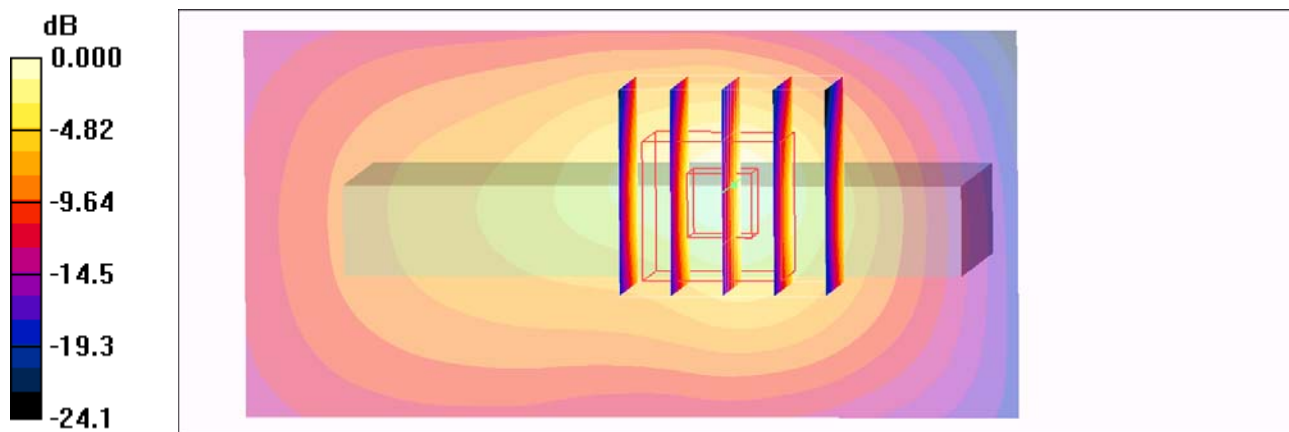
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = 0.017 dB (0.4%)

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.377 mW/g

Maximum value of SAR (measured) = 0.836 mW/g



0 dB = 0.836mW/g

#25 WiMAX_QPSK 1/2_BW 10M_2501.0MHz_Aux Ant_Front Face_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2501$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch0/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.344 mW/g

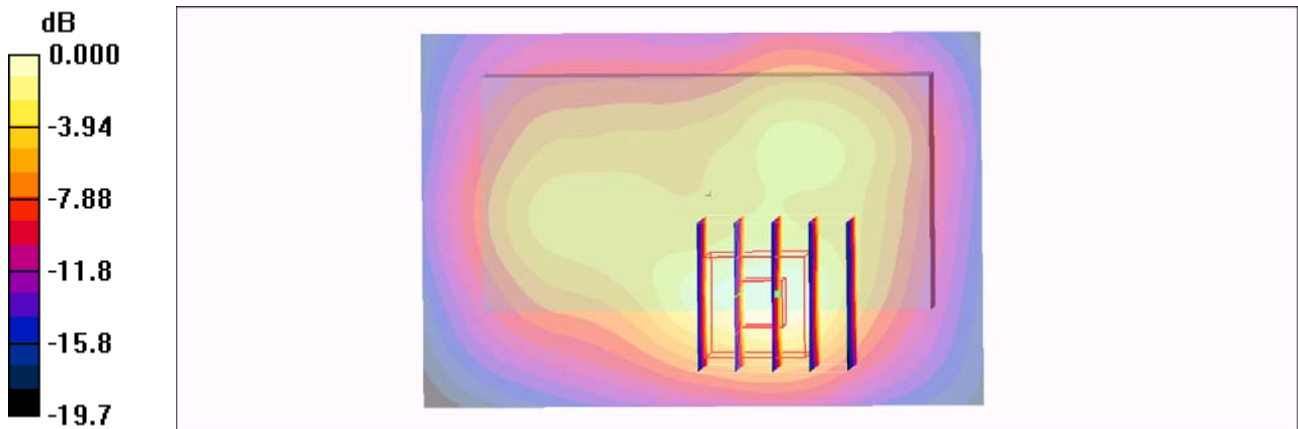
Ch0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.98 V/m; Power Drift = 0.015 dB (0.3%)

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.317 mW/g



0 dB = 0.317mW/g

#26 WiMAX_QPSK 1/2_BW 10M_2685.0MHz_Aux Ant_Front Face_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2685 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2685$ MHz; $\sigma = 2.25$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch0/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.684 mW/g

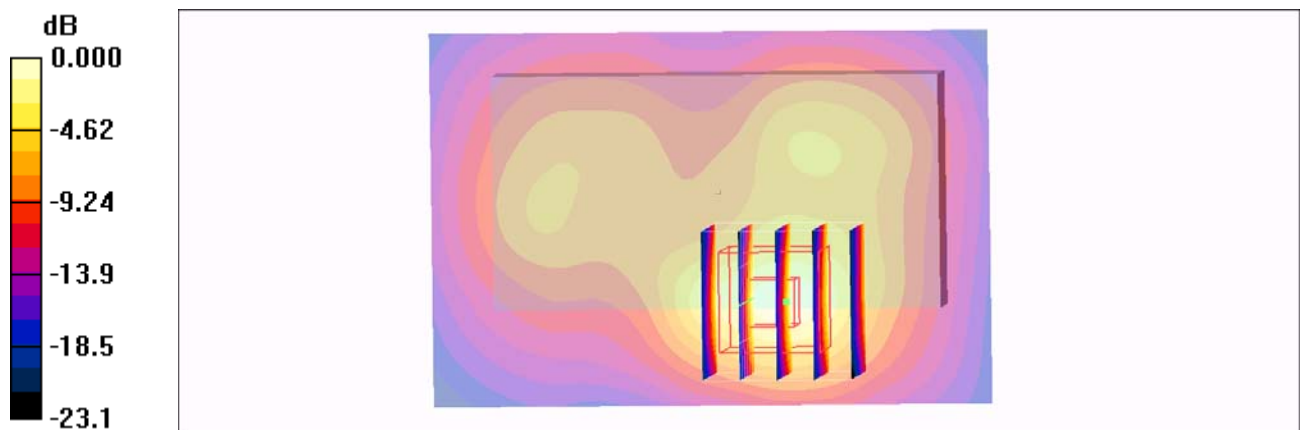
Ch0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.57 V/m; Power Drift = 0.080 dB (1.9%)

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.287 mW/g

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



0 dB = 0.755mW/g

#27 WiMAX_16QAM 1/2_BW 10M_2593.0MHz_Aux Ant_Front Face_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101120 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.2$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.852 mW/g

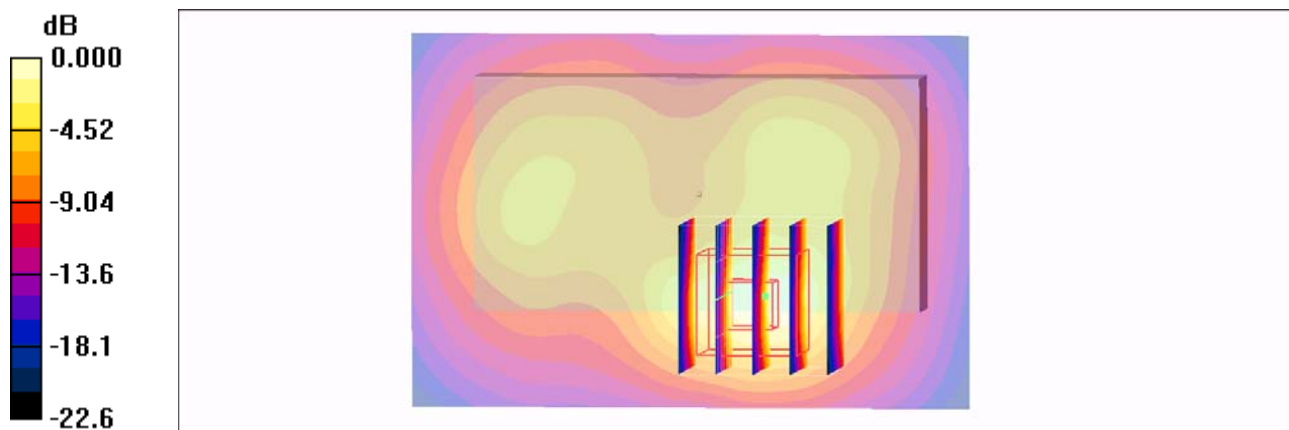
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.49 V/m; Power Drift = -0.063 dB (-1.4%)

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.357 mW/g

Maximum value of SAR (measured) = 0.883 mW/g



0 dB = 0.883mW/g

#28 WiMAX_QPSK 1/2_BW 10M_2685.0MHz_Main Ant_Front Face_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2685 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101122 Medium parameters used: $f = 2685$ MHz; $\sigma = 2.21$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.0 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch2/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

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

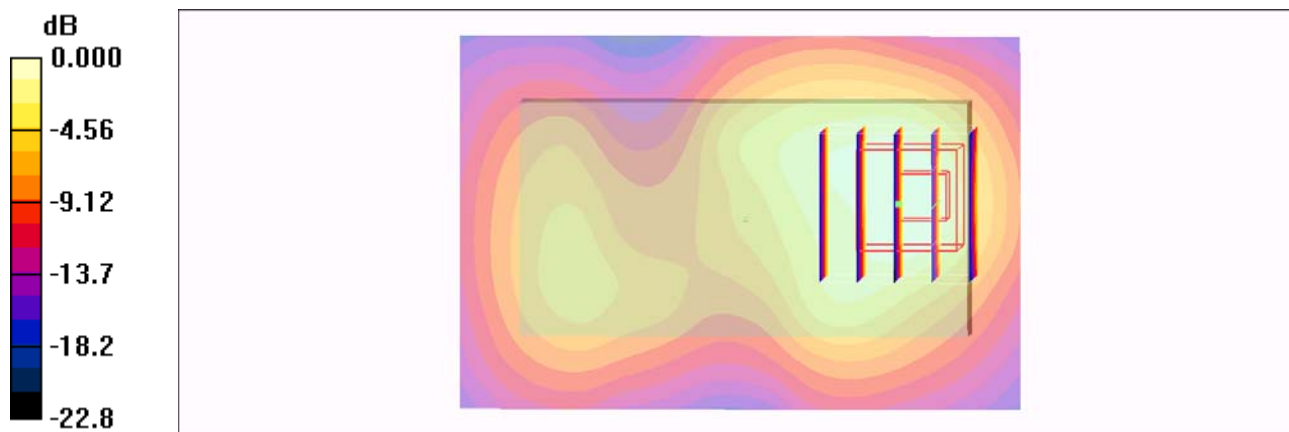
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.22 V/m; Power Drift = -0.007 dB (-0.2%)

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.301 mW/g

Maximum value of SAR (measured) = 0.706 mW/g



0 dB = 0.706mW/g

#29 WiMAX_QPSK 1/2_BW 10M_2685.0MHz_Main Ant_Rear Face_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2685 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101122 Medium parameters used: $f = 2685$ MHz; $\sigma = 2.21$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.0 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch2/Area Scan (41x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.327 mW/g

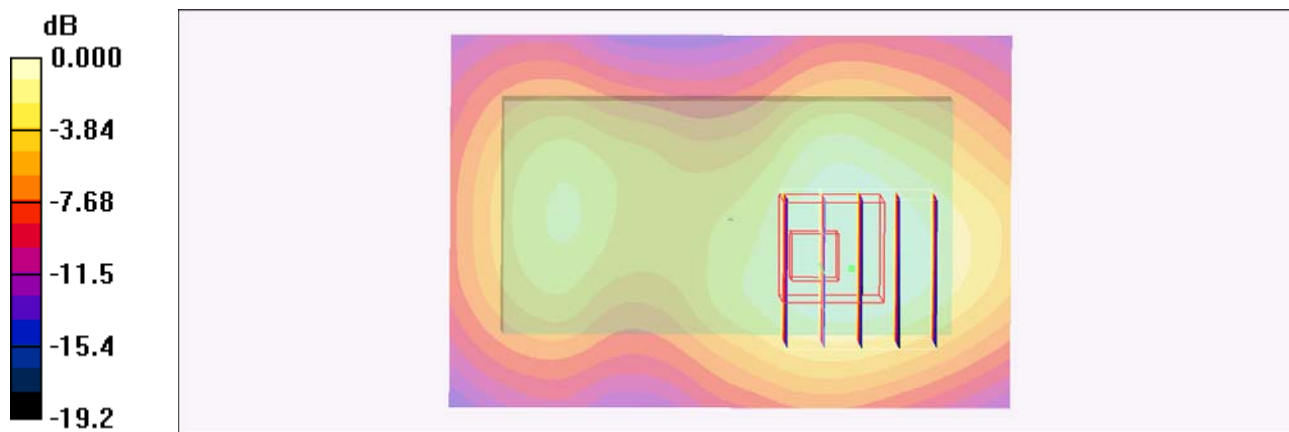
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.50 V/m; Power Drift = -0.087 dB (-2.0%)

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.292 mW/g



0 dB = 0.292mW/g

#30 WiMAX_QPSK 1/2_BW 10M_2685.0MHz_Main Ant_Right Side_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2685 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101122 Medium parameters used: $f = 2685$ MHz; $\sigma = 2.21$ mho/m; $\epsilon_r = 53.6$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.0 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20

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

- Electronics: DAE3 Sn577; Calibrated: 2010/8/18

- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch2/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.199 mW/g

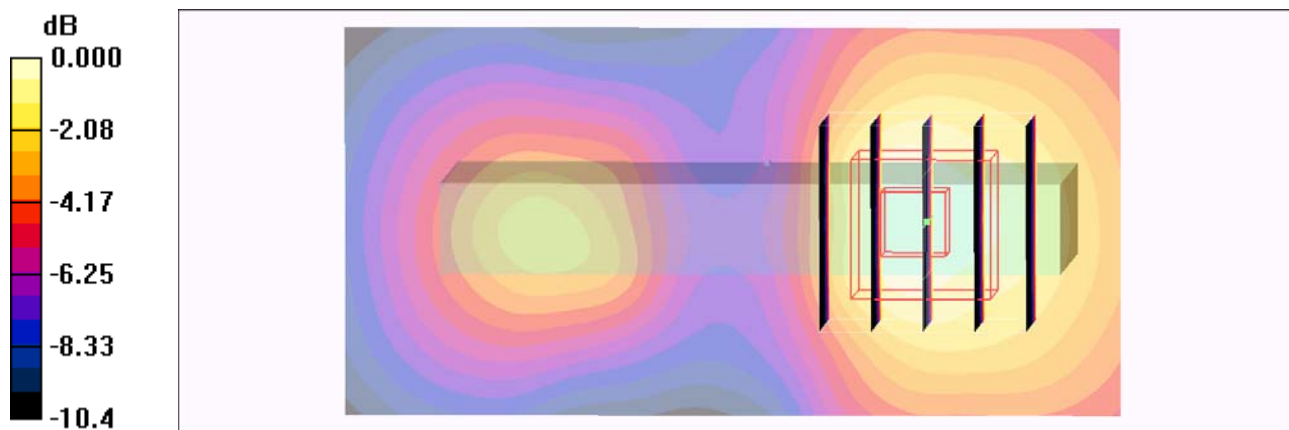
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.38 V/m; Power Drift = -0.188 dB (-4.2%)

Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.194 mW/g



0 dB = 0.194mW/g

#31 WiMAX_QPSK 1/2_BW 10M_2685.0MHz_Main Ant_Left Side_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2685 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101122 Medium parameters used: $f = 2685$ MHz; $\sigma = 2.21$ mho/m; $\epsilon_r = 53.6$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.0 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch2/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm

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

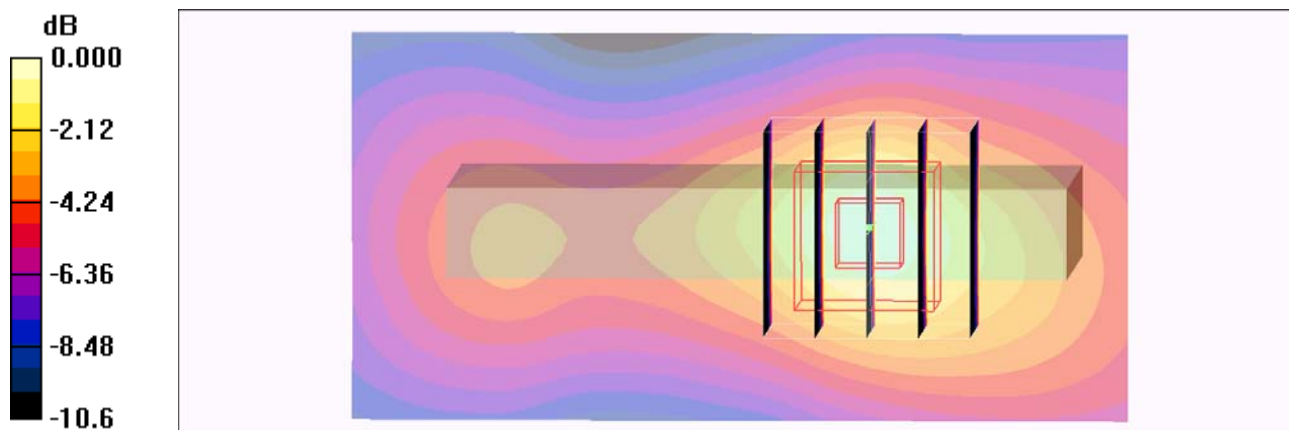
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.05 V/m; Power Drift = 0.028 dB (0.6%)

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.180 mW/g



0 dB = 0.180mW/g

#32 WiMAX_QPSK 1/2_BW 10M_2685.0MHz_Main Ant_Top Side_1cm

DUT: 000616

Communication System: Wimax; Frequency: 2685 MHz; Duty Cycle: 1:3.24

Medium: MSL_2600_101122 Medium parameters used: $f = 2685$ MHz; $\sigma = 2.21$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.0 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch2/Area Scan (41x41x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.453 mW/g

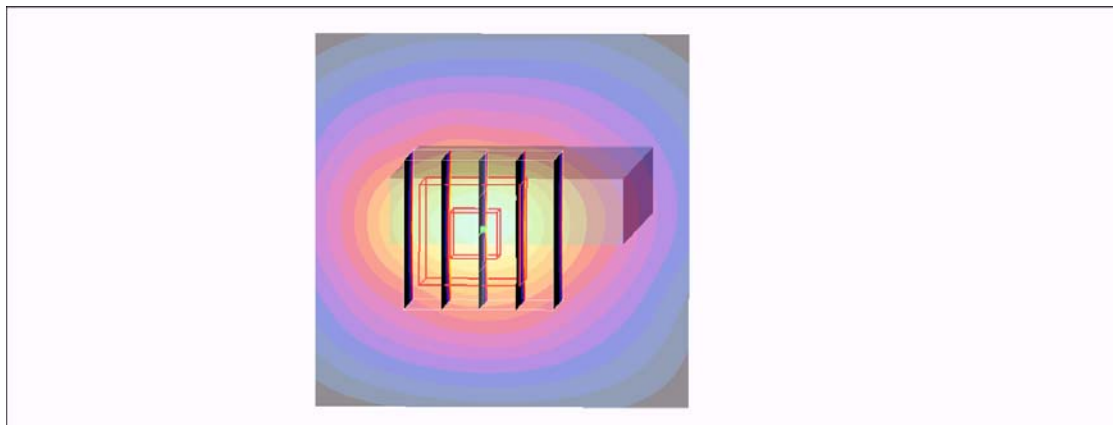
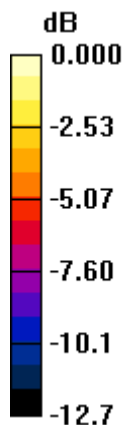
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = -0.022 dB (-0.5%)

Peak SAR (extrapolated) = 0.931 W/kg

SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.210 mW/g

Maximum value of SAR (measured) = 0.492 mW/g



0 dB = 0.492mW/g