

#01 WiMAX_PUSC_QPSK 1/2_5M_Horizontal Up_0.5cm_Ch2_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.583 mW/g

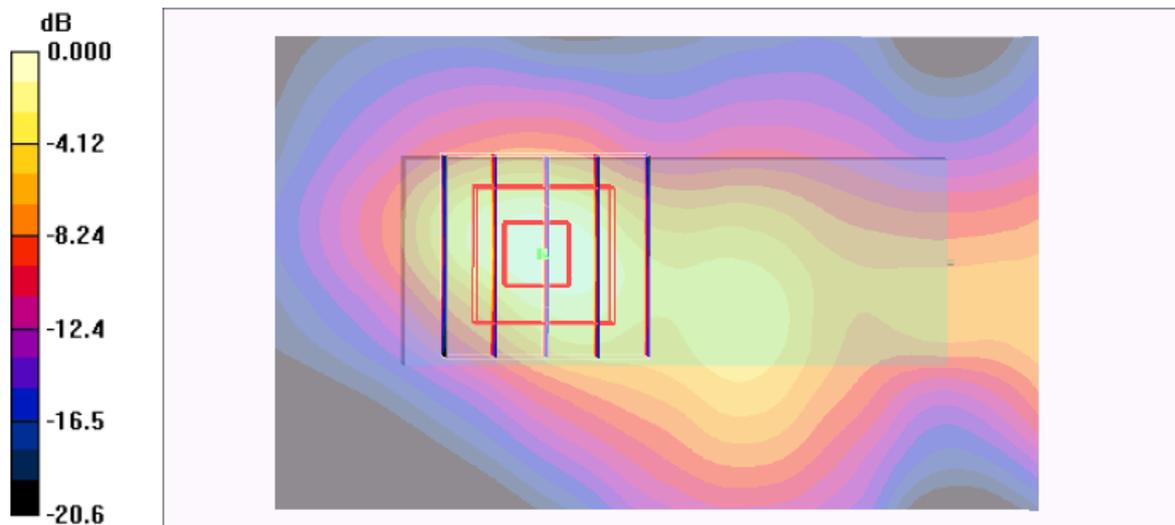
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.96 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.221 mW/g

Maximum value of SAR (measured) = 0.582 mW/g



0 dB = 0.582mW/g

#02 WiMAX_PUSC_QPSK 3/4_10M_Horizontal Up_0.5cm_Ch2_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2685 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100112 Medium parameters used: $f = 2685$ MHz; $\sigma = 2.21$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch2/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.666 mW/g

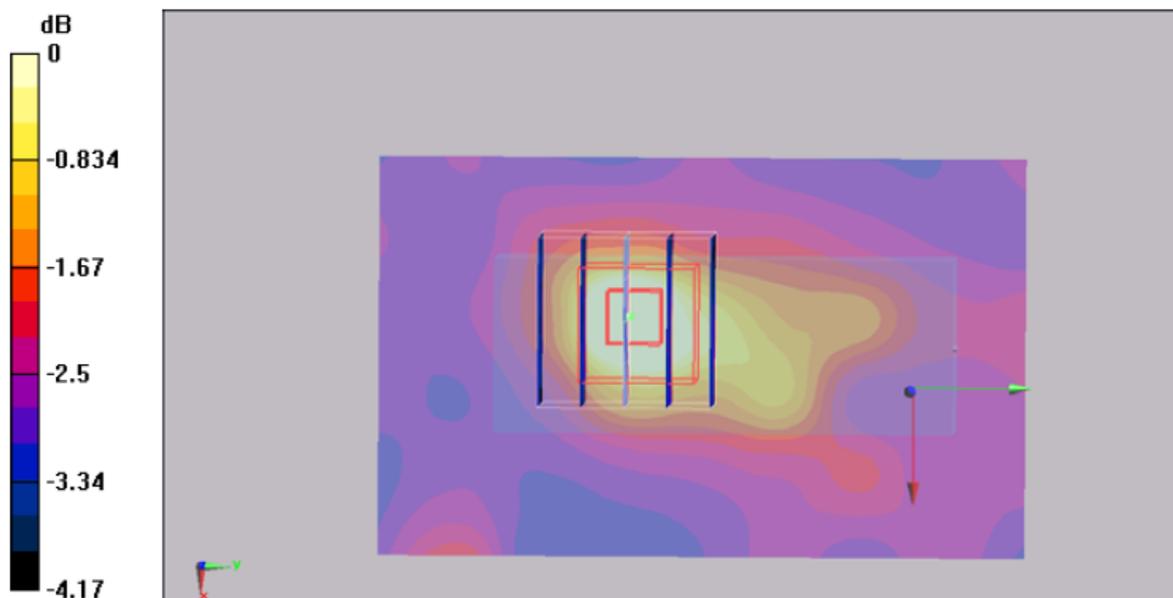
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -1.04 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.419 mW/g



0 dB = 0.419mW/g

#03 WiMAX_PUSC_QPSK 1/2_5M_Horizontal Up_0.5cm_Ch2_Aux Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.373 mW/g

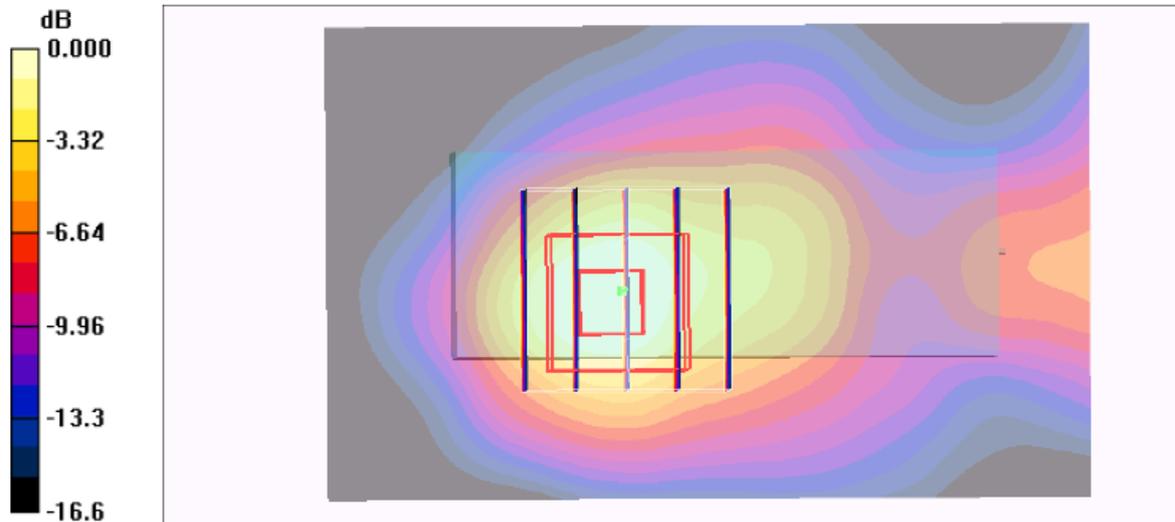
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.09 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.31 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.336 mW/g



#04 WiMAX_PUSC_QPSK 1/2_5M_Horizontal Down_0.5cm_Ch2_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.237 mW/g

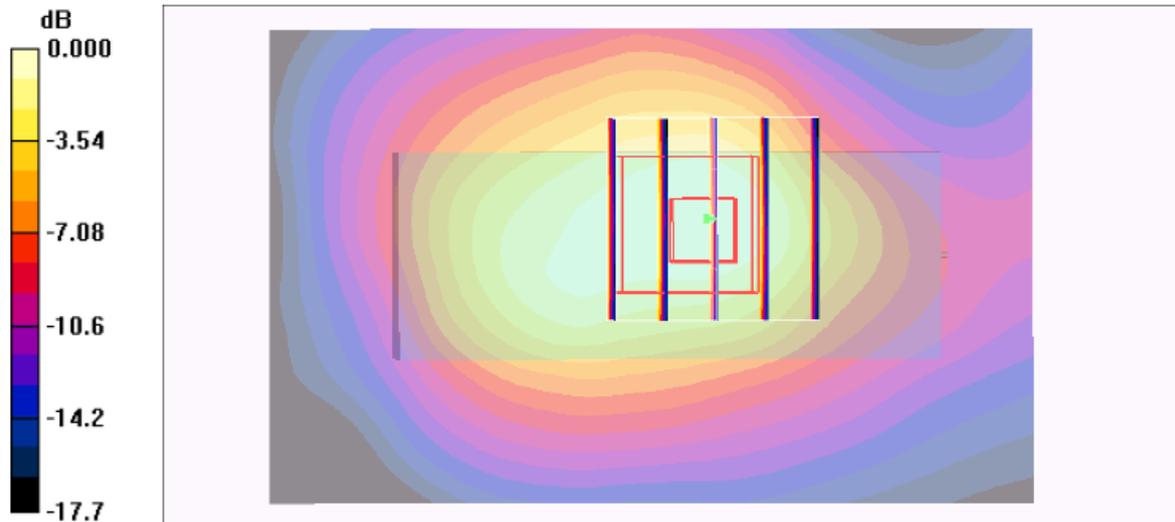
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.56 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 0.390 W/kg

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.225 mW/g



0 dB = 0.225mW/g

#05 WiMAX_PUSC_QPSK 1/2_5M_Horizontal Down_0.5cm_Ch2_Aux Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.239 mW/g

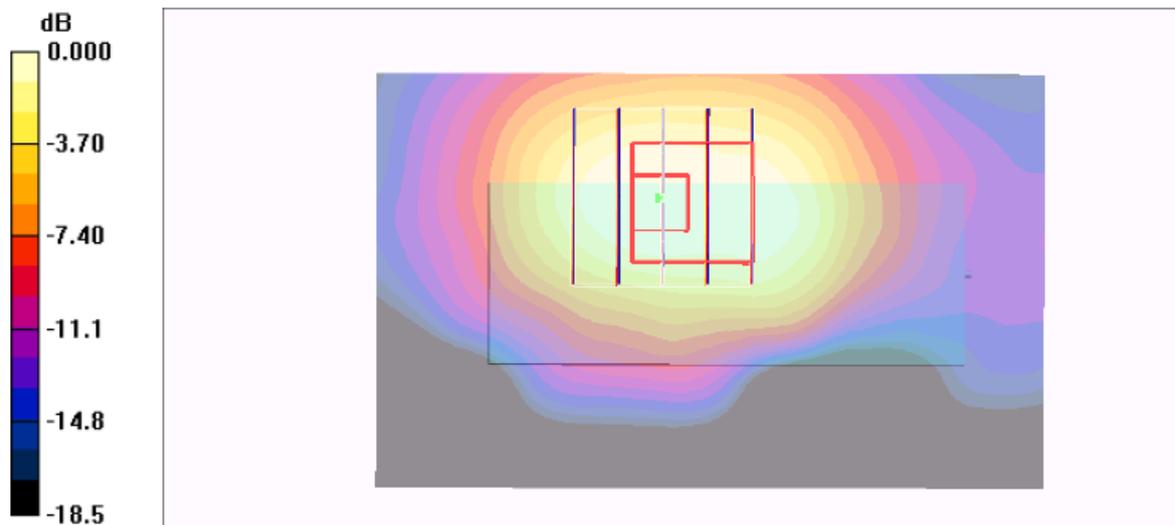
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.34 V/m; Power Drift = 1.00 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.2 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.217 mW/g



0 dB = 0.217mW/g

#06 WiMAX_PUSC_QPSK 1/2_5M_Vertical Front_0.5cm_Ch2_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

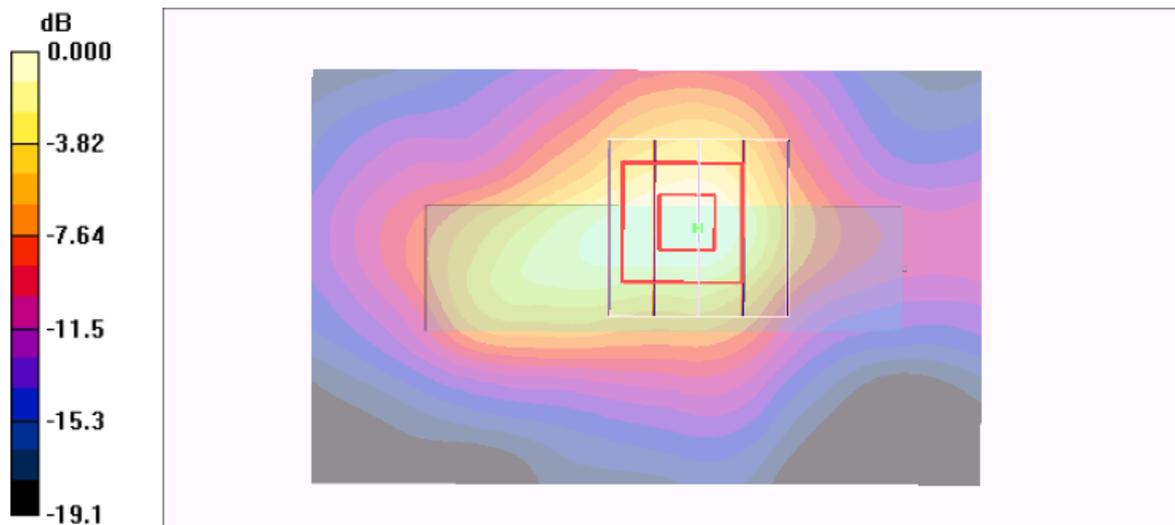
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.70 V/m; Power Drift = 0.190 dB

Peak SAR (extrapolated) = 0.615 W/kg

SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.343 mW/g



0 dB = 0.343mW/g

#07 WiMAX_PUSC_QPSK 1/2_5M_Vertical Front_0.5cm_Ch2_Aux Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.027 mW/g

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

Reference Value = 2.25 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.057 W/kg

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.029 mW/g

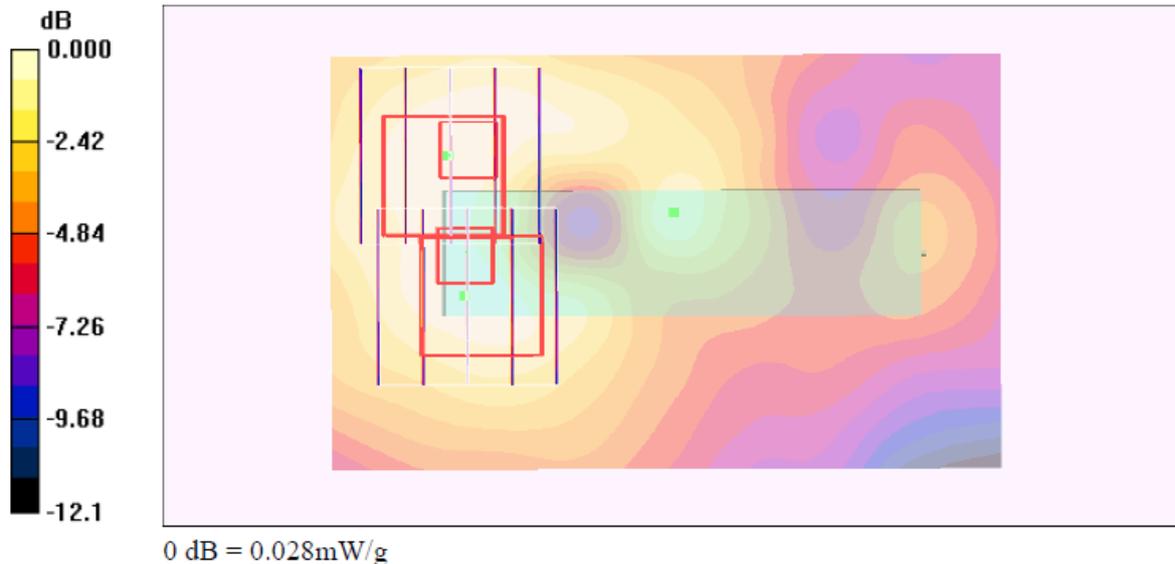
Ch2/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.25 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.058 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.028 mW/g



#08 WiMAX_PUSC_QPSK 1/2_5M_Vertical Back_0.5cm_Ch2_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

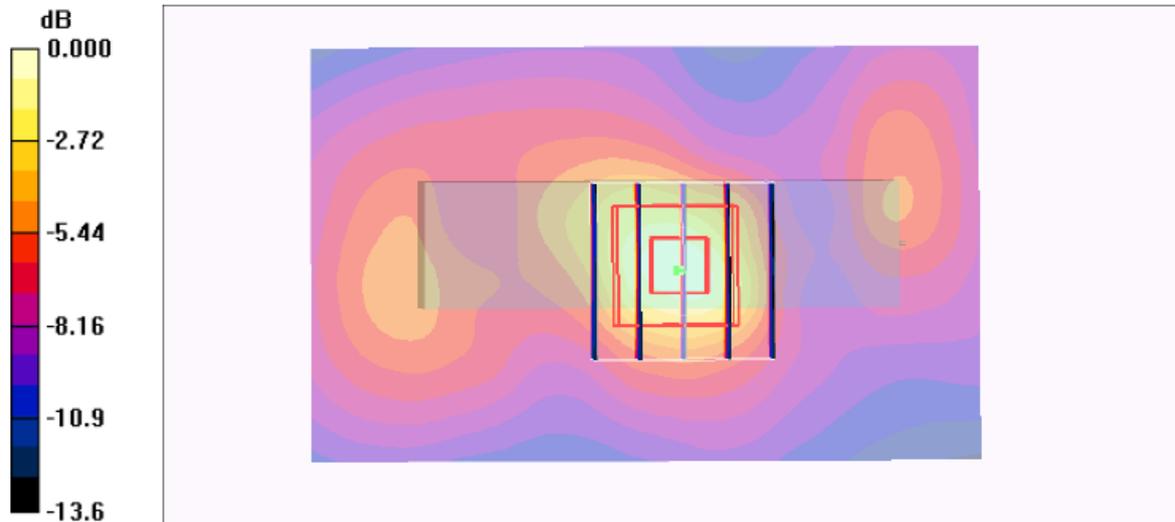
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.10 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.060 mW/g

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



#09 WiMAX_PUSC_QPSK 1/2_5M_Vertical Back_0.5cm_Ch2_Aux Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.355 mW/g

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

Reference Value = 4.12 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.235 mW/g

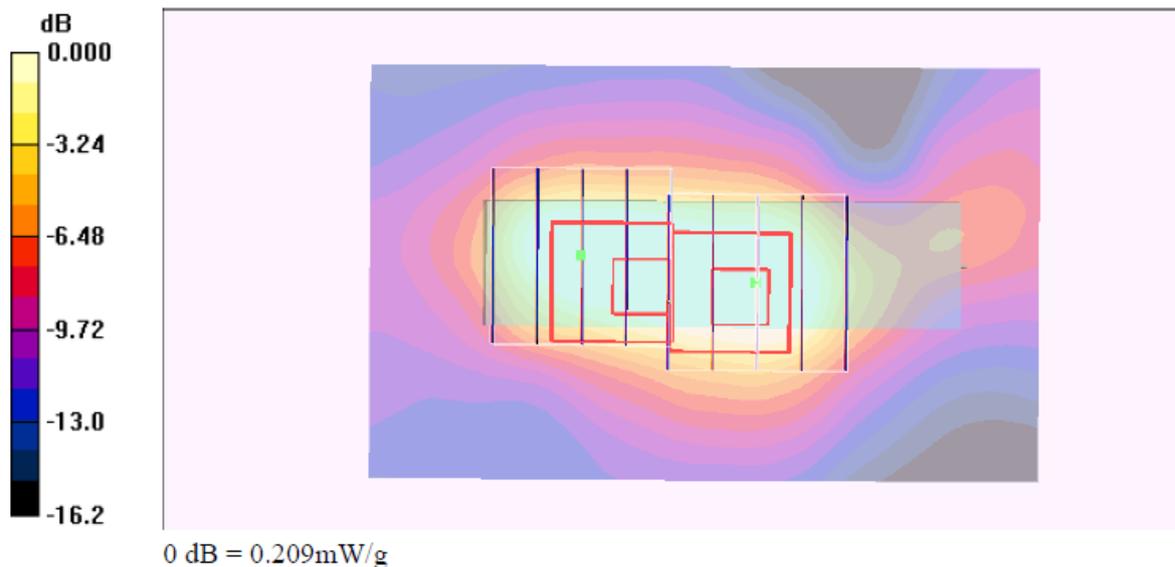
Ch2/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.12 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.209 mW/g



#10 WiMAX_PUSC_QPSK 1/2_5M_Tip Mode_0.5cm_Ch2_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.051 mW/g

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

Reference Value = 4.46 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.031 mW/g

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

Ch2/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.46 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.058 mW/g



#11 WiMAX_PUSC_QPSK 1/2_5M_Tip Mode_0.5cm_Ch2_Aux Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.077 mW/g

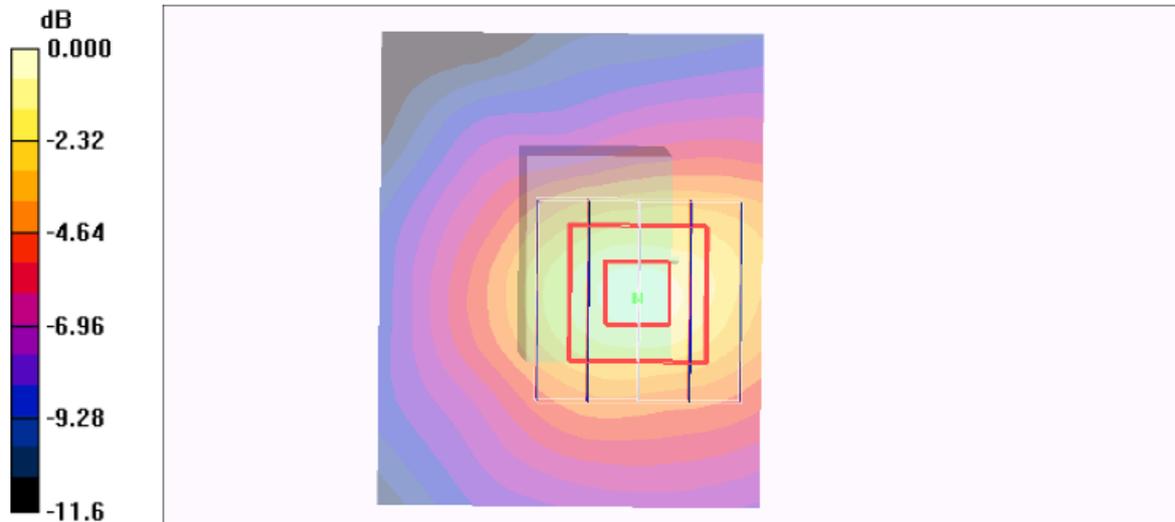
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.62 V/m; Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.084 mW/g



0 dB = 0.084mW/g

#12 WiMAX_PUSC_16QAM 1/2_5M_Horizontal Up_0.5cm_Ch0_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2498.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2498.5$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.3$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.62, 6.62, 6.62); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.541 mW/g

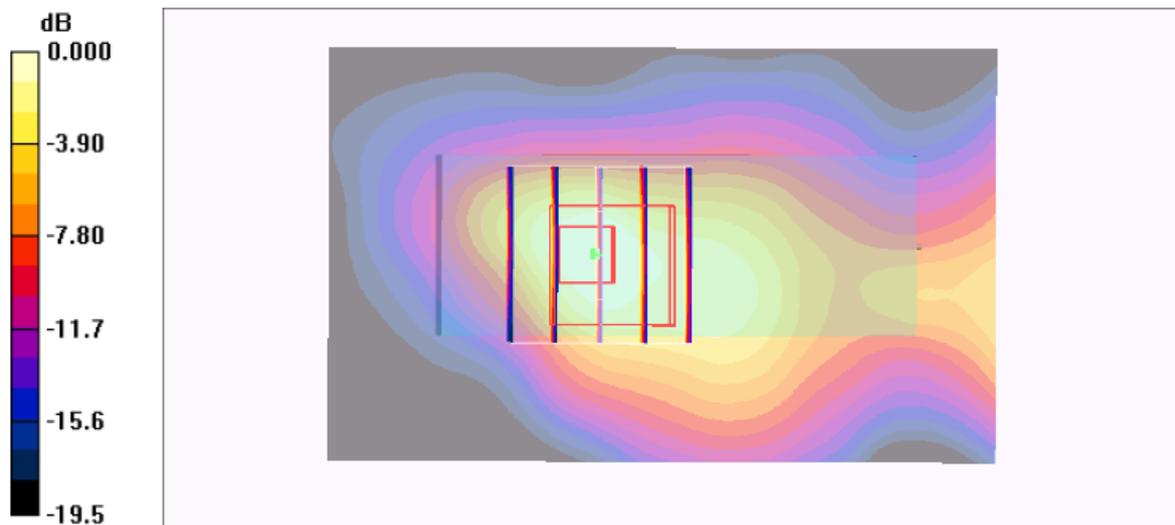
Ch0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.75 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.910 W/kg

SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.197 mW/g

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



0 dB = 0.463mW/g

#13 WiMAX_PUSC_16QAM 1/2_5M_Horizontal Up_0.5cm_Ch1_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100108 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

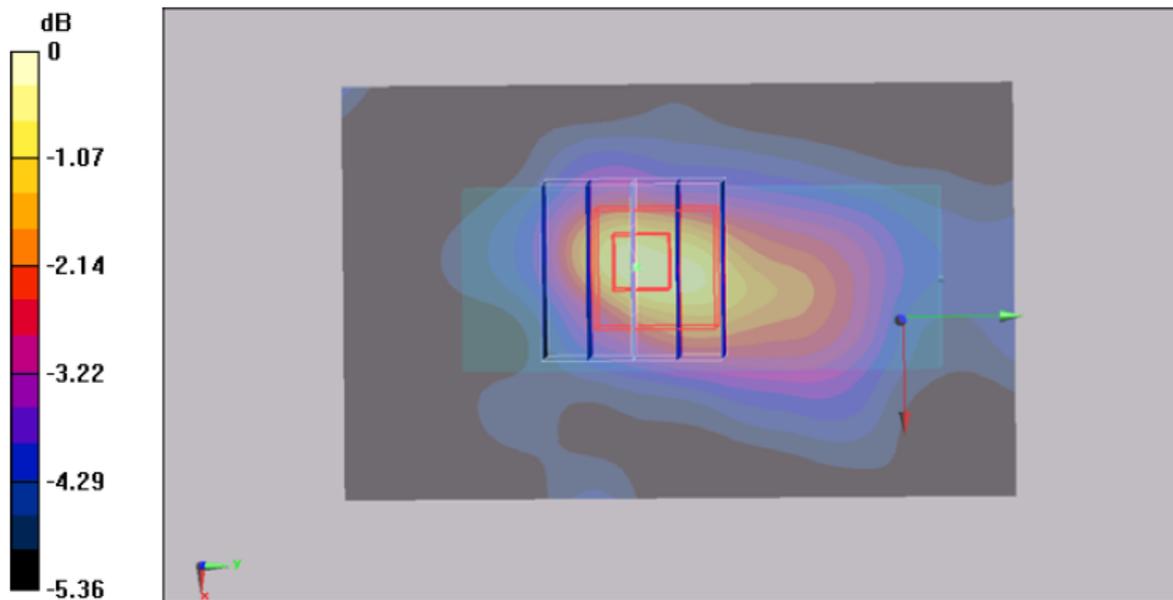
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.48 V/m; Power Drift = 0.182 dB

Peak SAR (extrapolated) = 0.873 W/kg

SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.442 mW/g



0 dB = 0.442mW/g

#14 WiMAX_PUSC_16QAM 1/2_5M_Horizontal Up_0.5cm_Ch2_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.580 mW/g

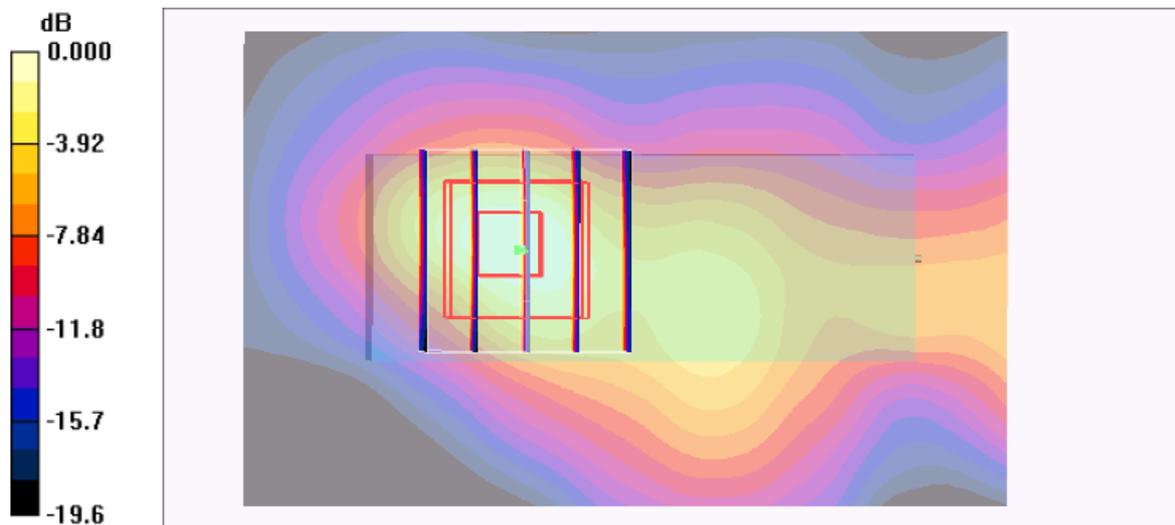
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.96 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.211 mW/g

Maximum value of SAR (measured) = 0.550 mW/g



0 dB = 0.550mW/g

#15 WiMAX_PUSC_16QAM 1/2_10M_Horizontal Up_0.5cm_Ch0_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.17

Medium: MSL_2600_100112 Medium parameters used: $f = 2501$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 54$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch0/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.378 mW/g

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

Reference Value = 10 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.287 mW/g

Maximum value of SAR (measured) = 0.375 mW/g

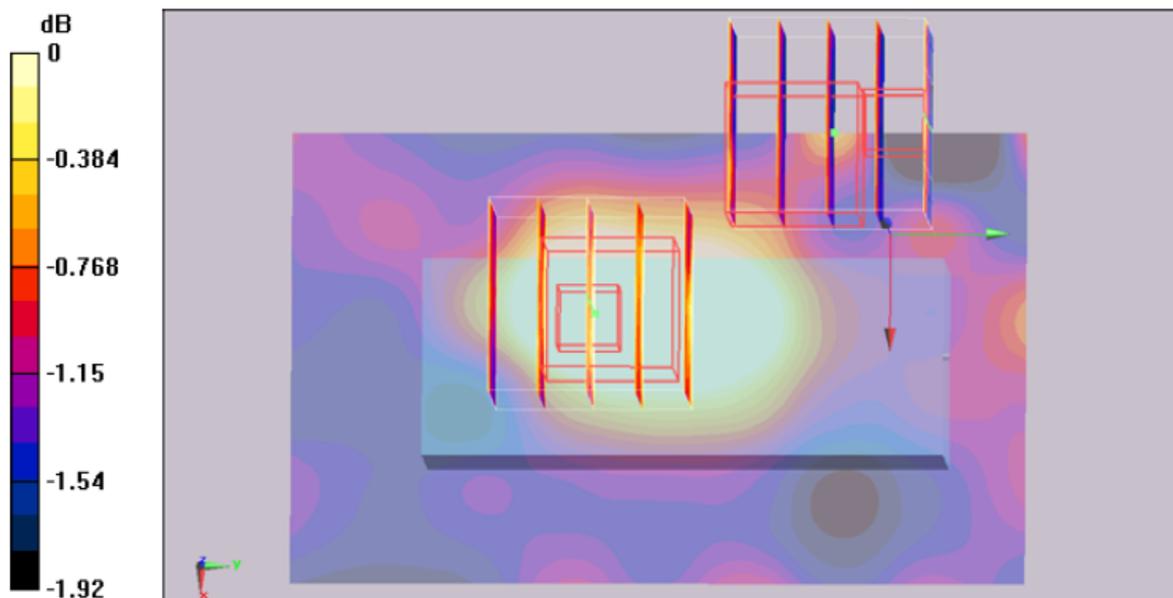
Ch0/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.211 mW/g

Maximum value of SAR (measured) = 0.264 mW/g



0 dB = 0.264mW/g

#16 WiMAX_PUSC_16QAM 1/2_10M_Horizontal Up_0.5cm_Ch1_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100108 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$

kg/m³

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

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.424 mW/g

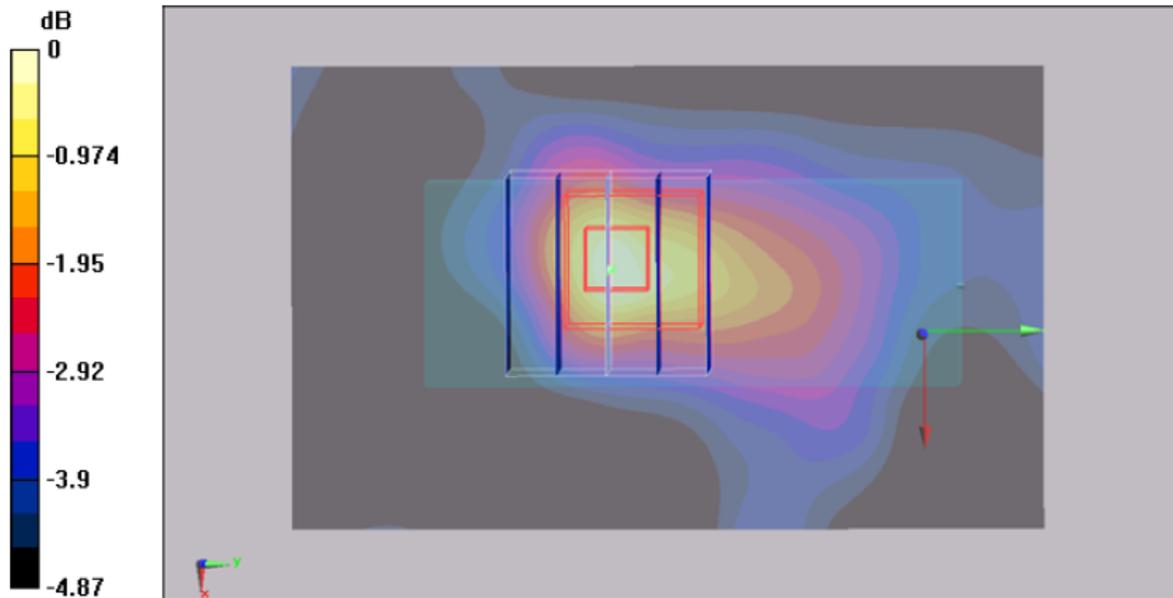
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.44 V/m; Power Drift = 0.161 dB

Peak SAR (extrapolated) = 0.886 W/kg

SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.255 mW/g

Maximum value of SAR (measured) = 0.419 mW/g



0 dB = 0.419mW/g

#17 WiMAX_PUSC_16QAM 1/2_10M_Horizontal Up_0.5cm_Ch2_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2685 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100112 Medium parameters used: $f = 2685$ MHz; $\sigma = 2.21$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch2/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.508 mW/g

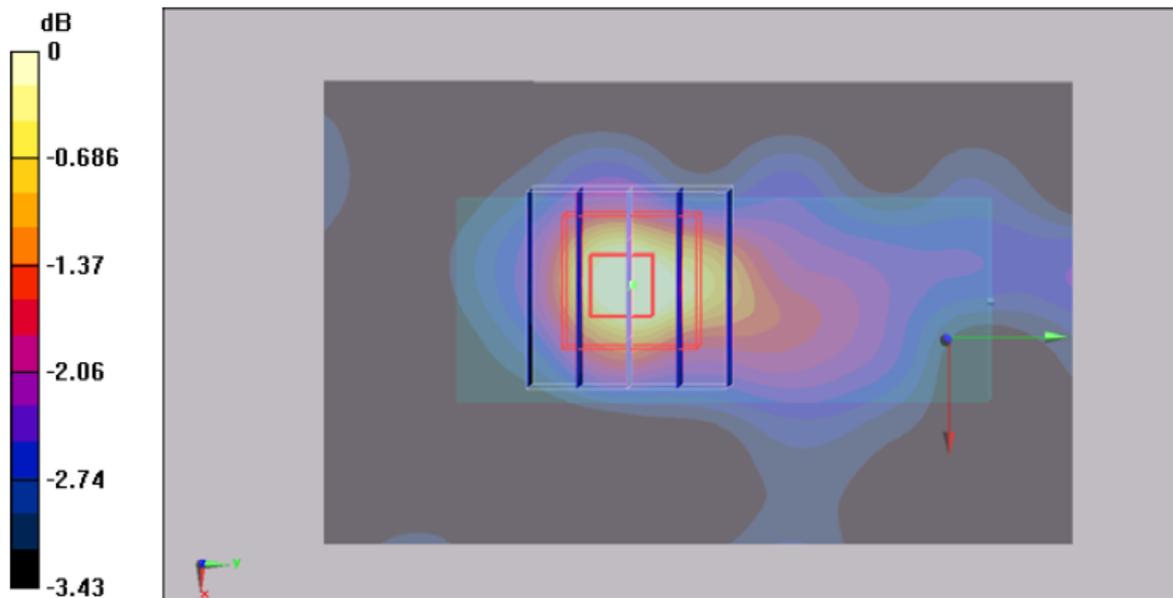
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 1.4 W/kg

SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.320 mW/g

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



0 dB = 0.463mW/g

#18 WiMAX_PUSC_16QAM 3/4_5M_Horizontal Up_0.5cm_Ch0_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2498.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2498.5$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.3$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.62, 6.62, 6.62); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.541 mW/g

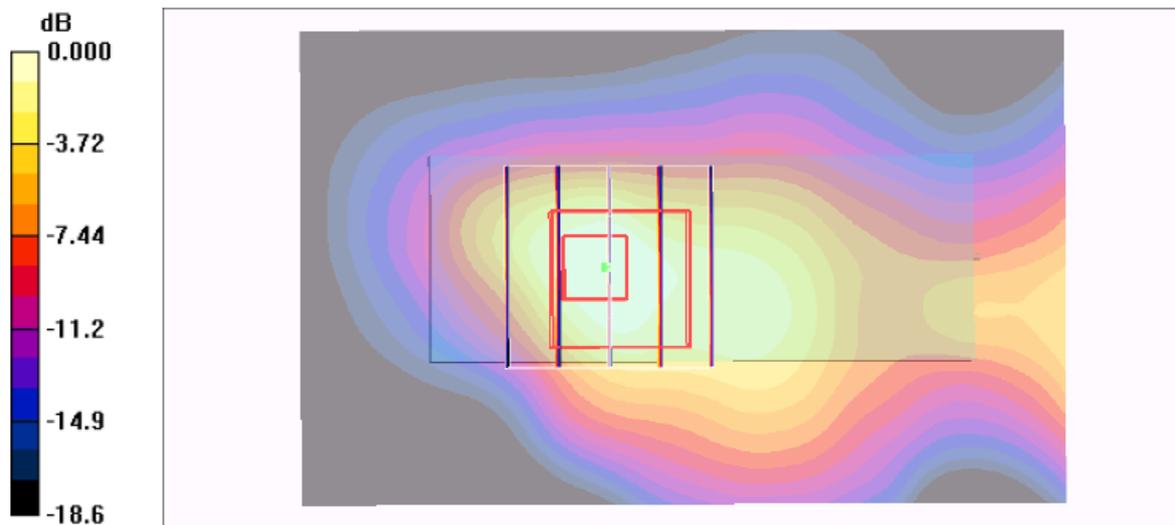
Ch0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.94 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.899 W/kg

SAR(1 g) = 0.412 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.458 mW/g



0 dB = 0.458mW/g

#19 WiMAX_PUSC_16QAM 3/4_5M_Horizontal Up_0.5cm_Ch1_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100108 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.433 mW/g

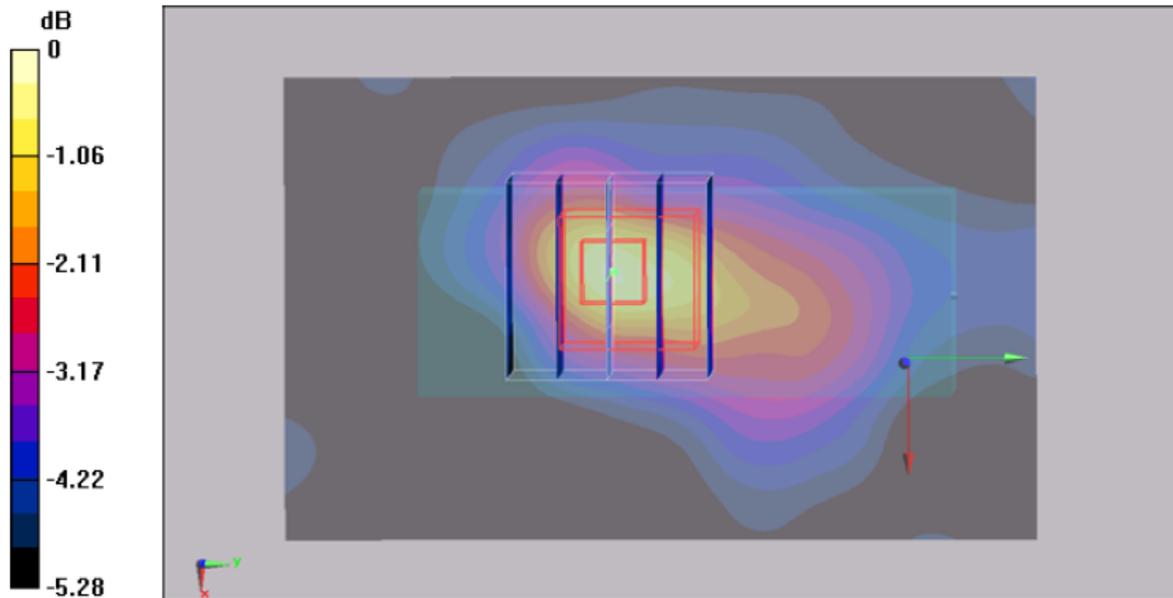
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.51 V/m; Power Drift = 0.159 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.461 mW/g



0 dB = 0.461mW/g

#20 WiMAX_PUSC_16QAM 3/4_5M_Horizontal Up_0.5cm_Ch2_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.578 mW/g

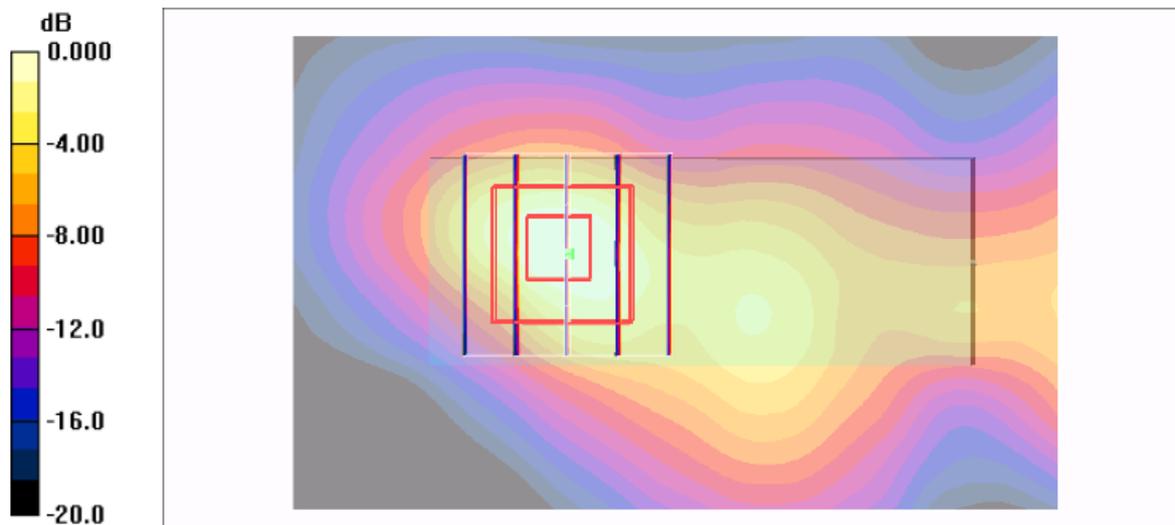
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.79 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.209 mW/g

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



0 dB = 0.536mW/g

#21 WiMAX_PUSC_16QAM 3/4_10M_Horizontal Up_0.5cm_Ch0_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.17

Medium: MSL_2600_100112 Medium parameters used: $f = 2501$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 54$; $\rho = 1000$

kg/m³

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

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch0/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.398 mW/g

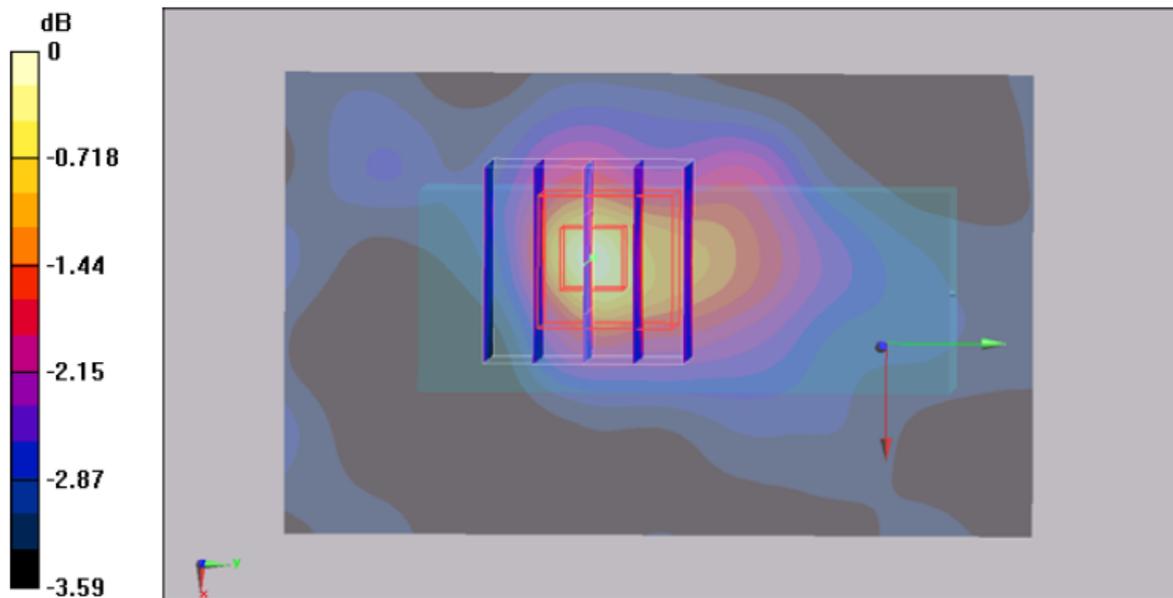
Ch0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.64 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.864 W/kg

SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 0.403 mW/g



0 dB = 0.403mW/g

#22 WiMAX_PUSC_16QAM 3/4_10M_Horizontal Up_0.5cm_Ch1_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100108 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

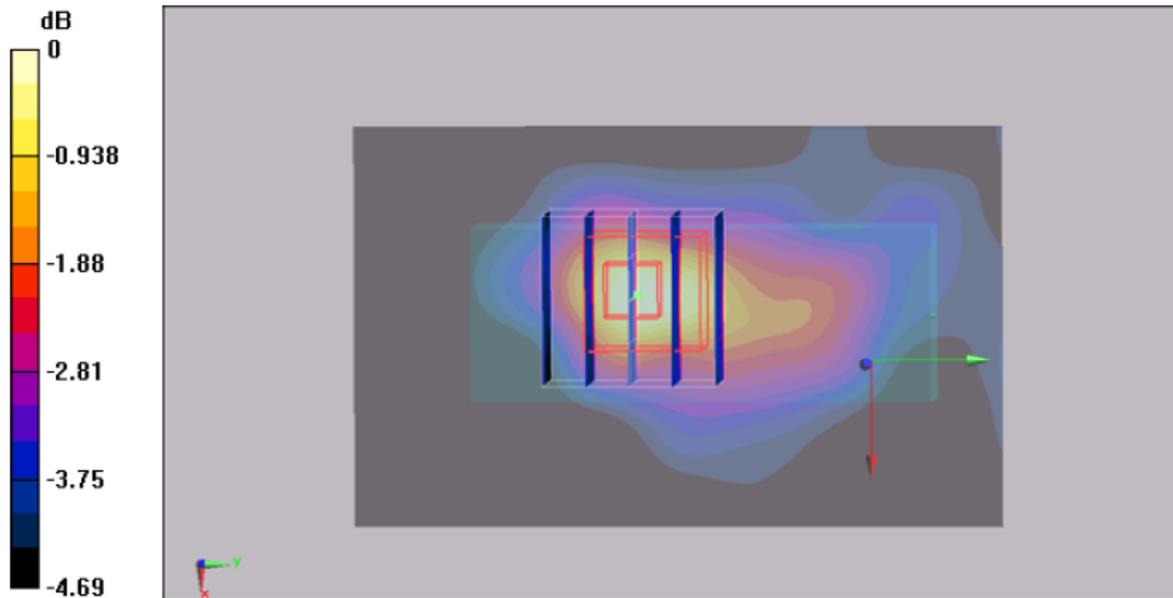
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.62 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.405 mW/g



0 dB = 0.405mW/g

#23 WiMAX_PUSC_16QAM 3/4_10M_Horizontal Up_0.5cm_Ch2_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2685 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100112 Medium parameters used: $f = 2685$ MHz; $\sigma = 2.21$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch2/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.441 mW/g

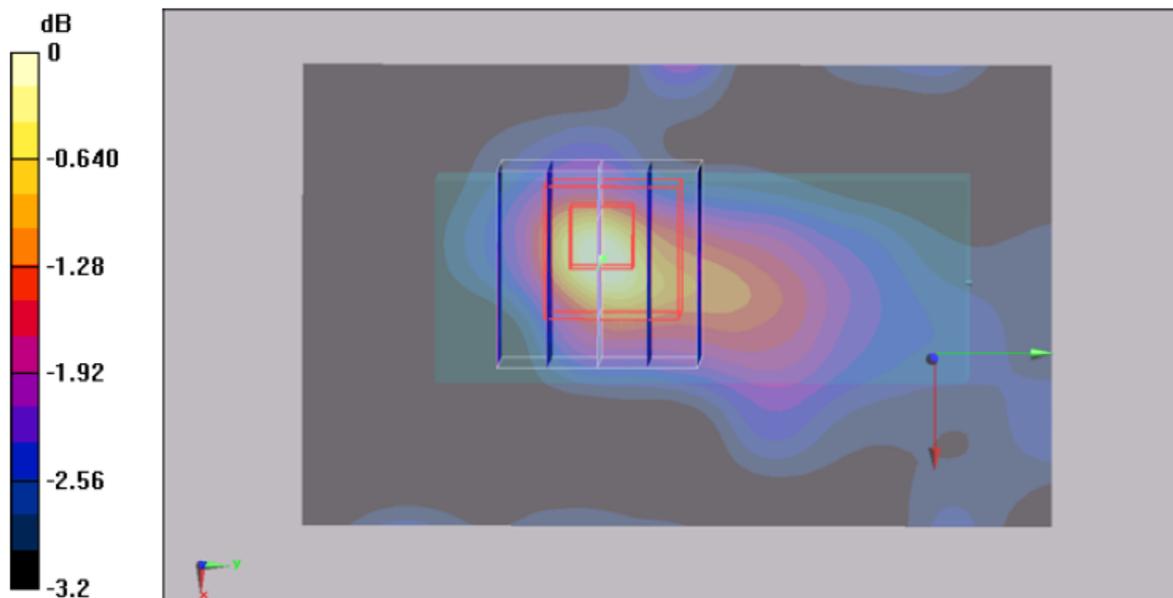
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.434 mW/g



0 dB = 0.434mW/g

#24 WiMAX_PUSC_QPSK 1/2_5M_Horizontal Up_0.5cm_Ch0_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2498.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2498.5$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.3$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.62, 6.62, 6.62); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.573 mW/g

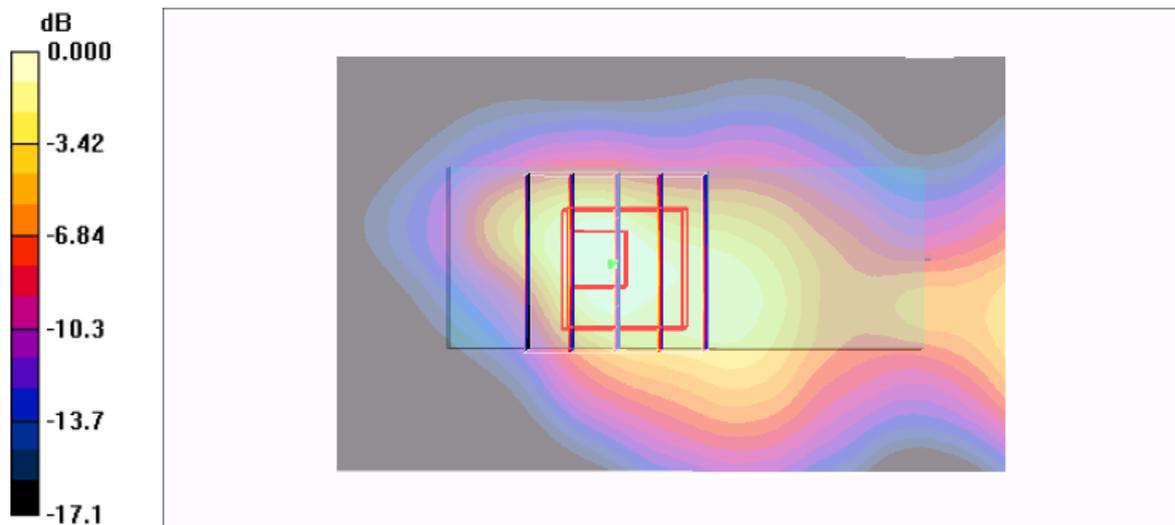
Ch0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.24 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.972 W/kg

SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.205 mW/g

Maximum value of SAR (measured) = 0.470 mW/g



0 dB = 0.470mW/g

#25 WiMAX_PUSC_QPSK 1/2_5M_Horizontal Up_0.5cm_Ch1_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100108 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.471 mW/g

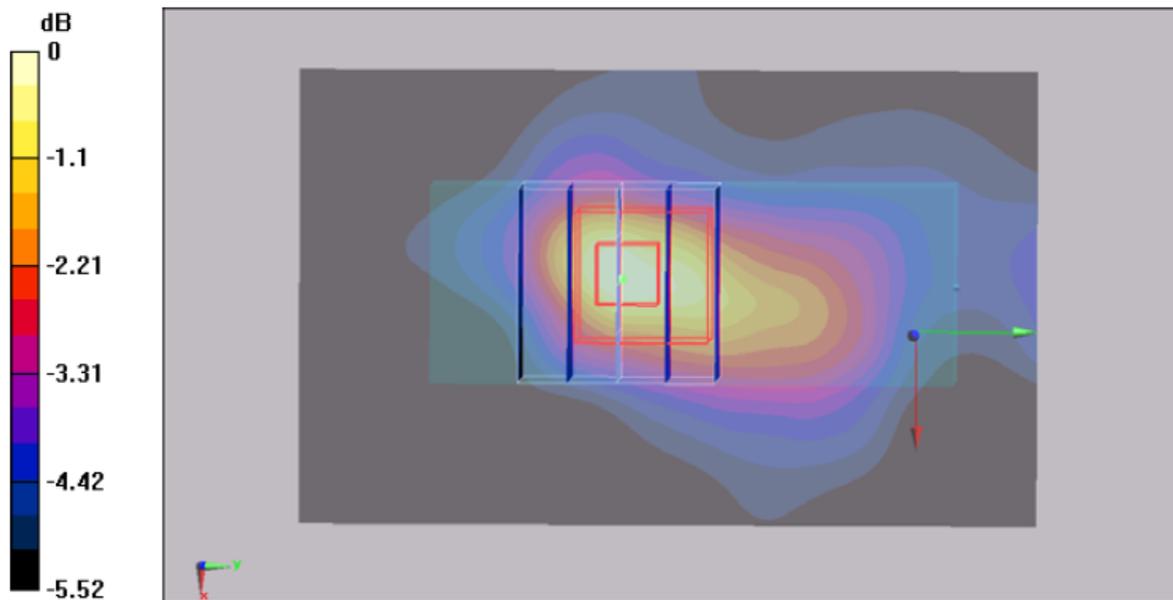
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.38 V/m; Power Drift = 0.155 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.275 mW/g

Maximum value of SAR (measured) = 0.458 mW/g



0 dB = 0.458mW/g

#26 WiMAX_PUSC_QPSK 1/2_10M_Horizontal Up_0.5cm_Ch0_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.17

Medium: MSL_2600_100112 Medium parameters used: $f = 2501$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 54$; $\rho = 1000$

kg/m³

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

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch0/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.425 mW/g

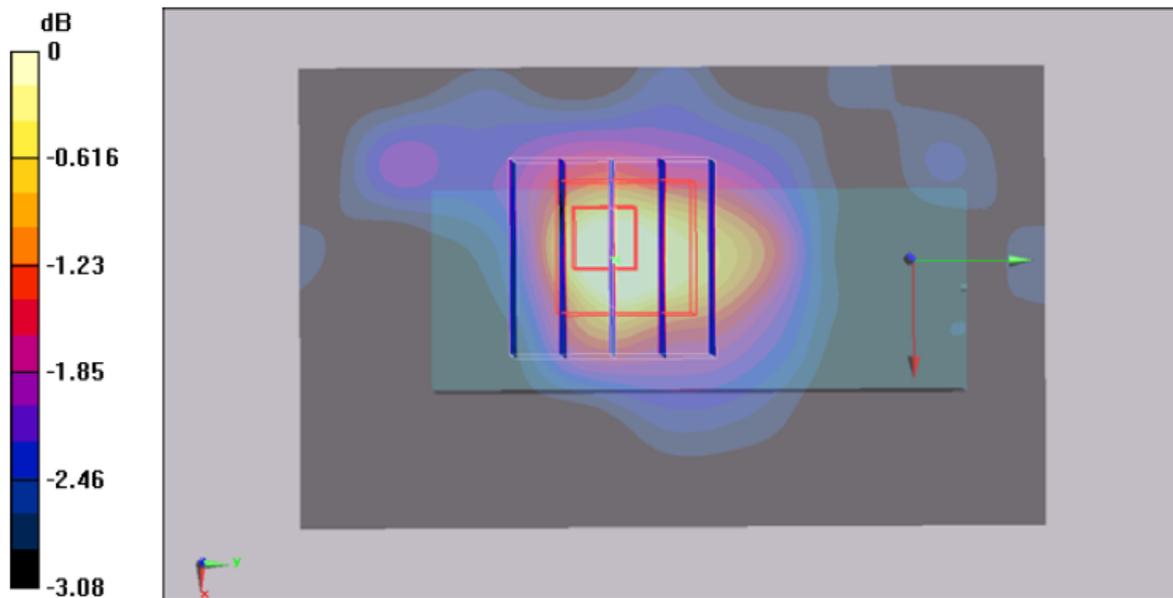
Ch0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.68 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.792 W/kg

SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.290 mW/g

Maximum value of SAR (measured) = 0.388 mW/g



0 dB = 0.388mW/g

#27 WiMAX_PUSC_QPSK 1/2_10M_Horizontal Up_0.5cm_Ch1_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100108 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.398 mW/g

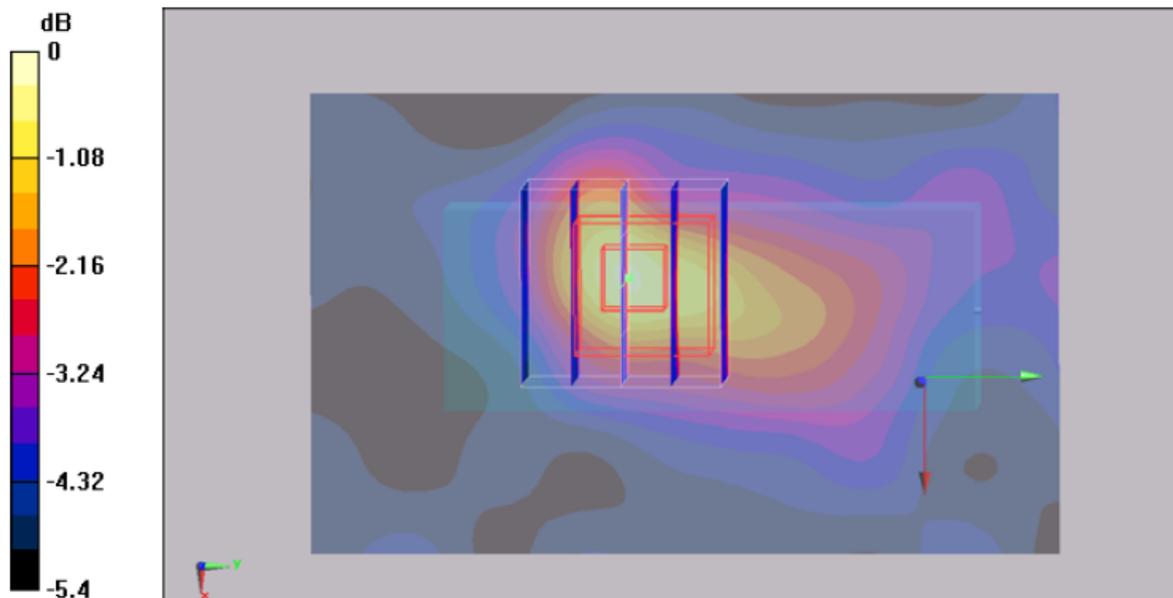
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.67 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.908 W/kg

SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.257 mW/g

Maximum value of SAR (measured) = 0.422 mW/g



0 dB = 0.422mW/g

#28 WiMAX_PUSC_QPSK 1/2_10M_Horizontal Up_0.5cm_Ch2_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2685 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100112 Medium parameters used: $f = 2685$ MHz; $\sigma = 2.21$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch2/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 10.4 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.291 mW/g

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

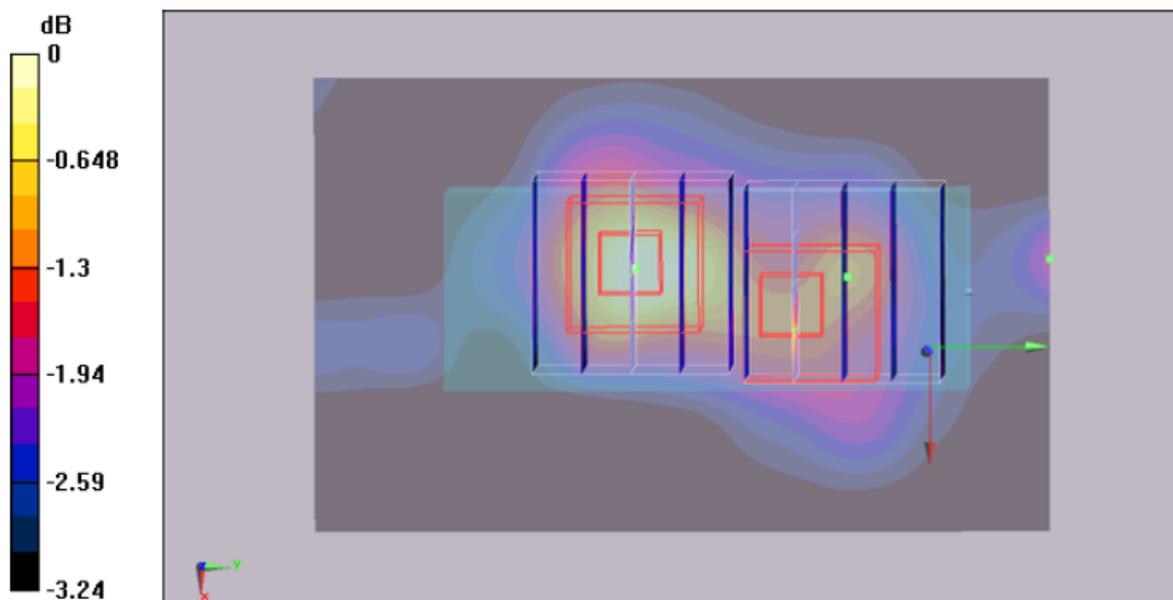
Ch2/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.403 mW/g



0 dB = 0.403mW/g

#29 WiMAX_PUSC_QPSK 3/4_5M_Horizontal Up_0.5cm_Ch0_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2498.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2498.5$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 51.3$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.62, 6.62, 6.62); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.478 mW/g

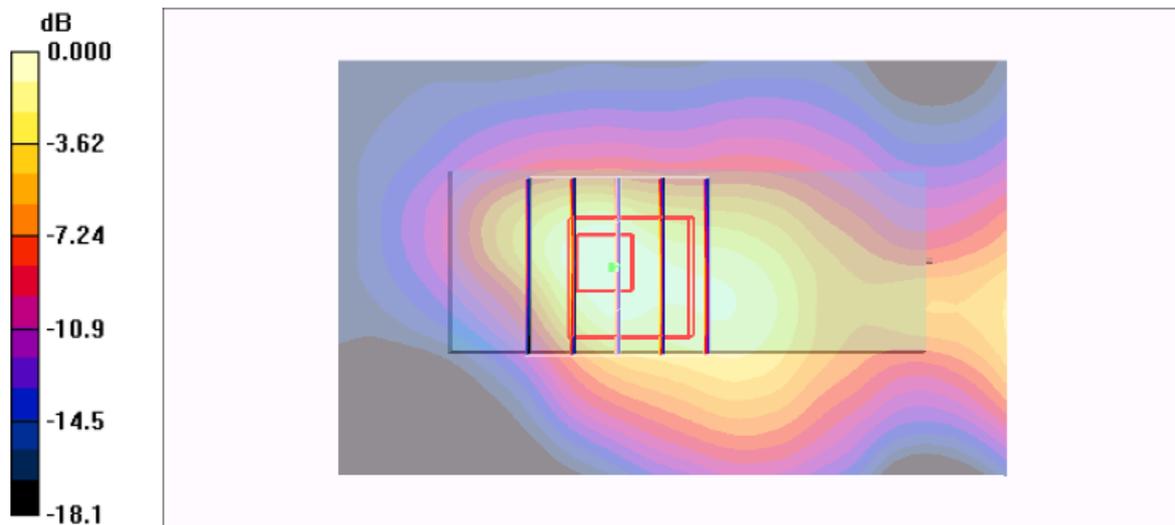
Ch0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.48 V/m; Power Drift = -0.198 dB

Peak SAR (extrapolated) = 0.815 W/kg

SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.409 mW/g



0 dB = 0.409mW/g

#30 WiMAX_PUSC_QPSK 3/4_5M_Horizontal Up_0.5cm_Ch1_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100108 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$

kg/m³

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

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.431 mW/g

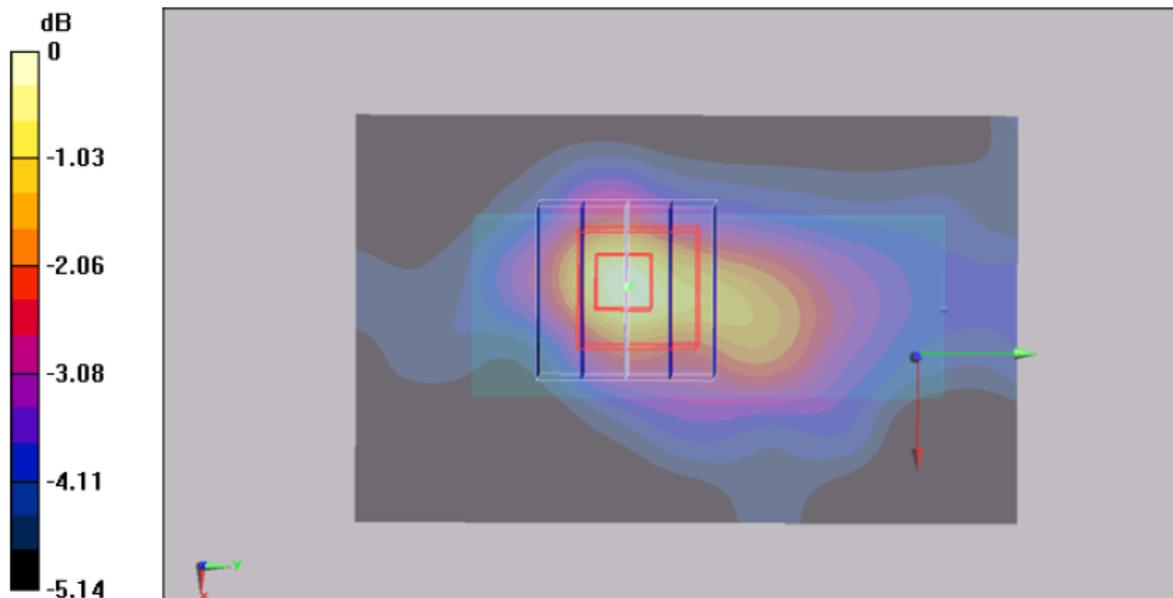
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.42 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.266 mW/g

Maximum value of SAR (measured) = 0.430 mW/g



0 dB = 0.430mW/g

#31 WiMAX_PUSC_QPSK 3/4_5M_Horizontal Up_0.5cm_Ch2_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.562 mW/g

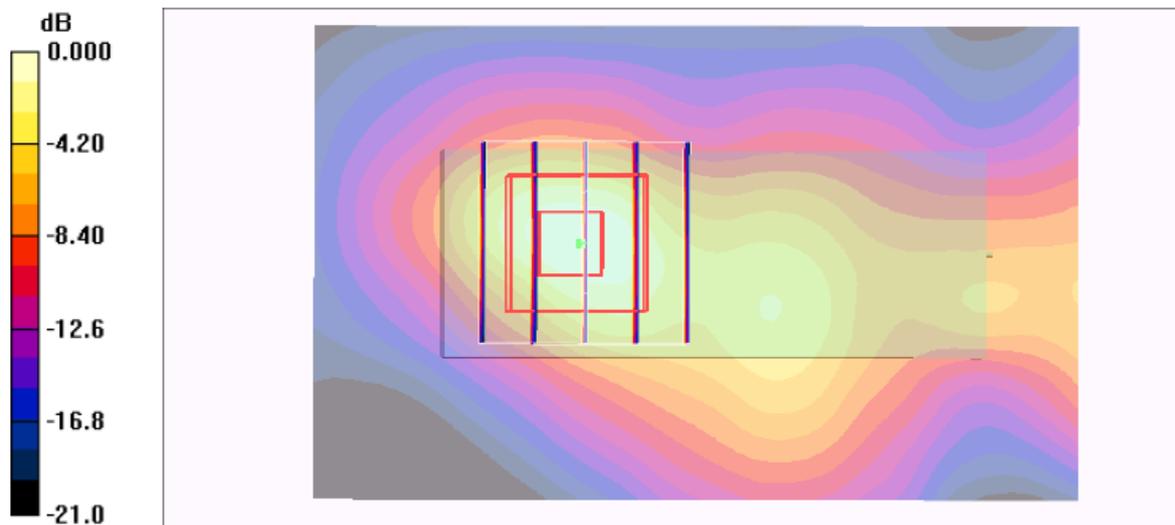
Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.06 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.211 mW/g

Maximum value of SAR (measured) = 0.557 mW/g



0 dB = 0.557mW/g

#32 WiMAX_PUSC_QPSK 3/4_10M_Horizontal Up_0.5cm_Ch0_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.17

Medium: MSL_2600_100112 Medium parameters used: $f = 2501$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 54$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch0/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.444 mW/g

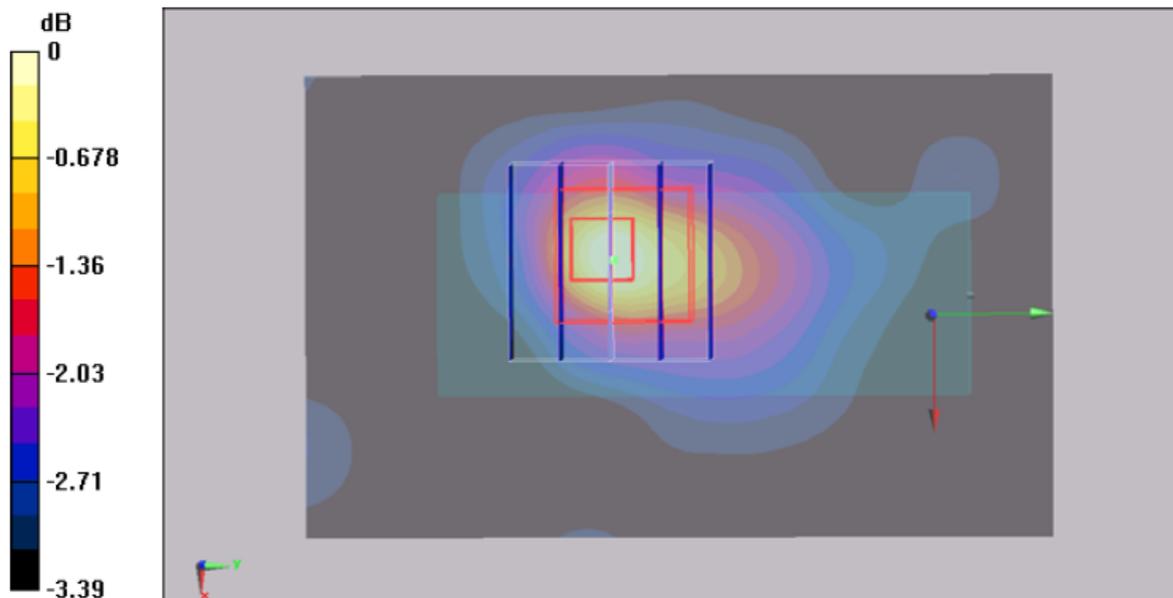
Ch0/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.87 V/m; Power Drift = 0.118 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (measured) = 0.432 mW/g



0 dB = 0.432mW/g

#33 WiMAX_PUSC_QPSK 3/4_10M_Horizontal Up_0.5cm_Ch1_Main Ant

DUT: 9N2716

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100108 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.19$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$

kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV3 - SN3514; ConvF(7.2, 7.2, 7.2); Calibrated: 2009/1/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch1/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.425 mW/g

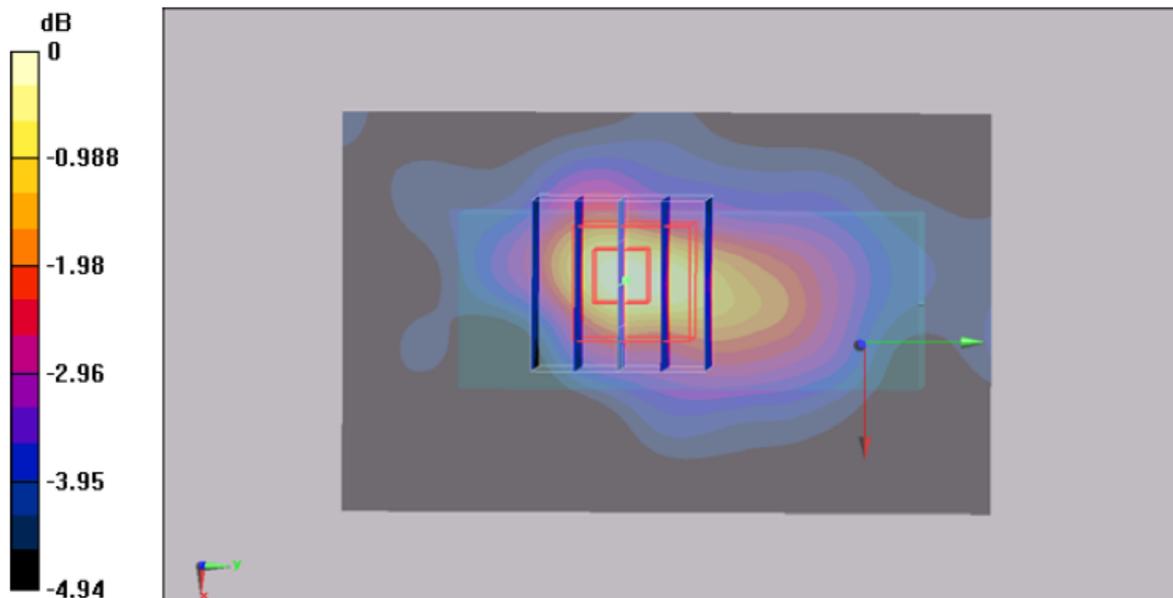
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.07 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.259 mW/g

Maximum value of SAR (measured) = 0.423 mW/g



0 dB = 0.423mW/g

#34 WiMAX_PUSC_QPSK 1/2_5M_Horizontal Up_0.5cm_Ch2

DUT: 9N2716

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.18

Medium: MSL_2600_100207 Medium parameters used : $f = 2687.5$ MHz; $\sigma = 2.26$ mho/m; $\epsilon_r = 50.9$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47); Calibrated: 2009/6/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- 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 (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.584 mW/g

Ch2/Zoom Scan (9x9x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 7.38 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.577 mW/g

