

P01 CDMA2000_BC0_RC3+SO55_Left Cheek_Ch777_Sample1_Ant0**DUT: 131023C31**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: H835_1208 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 42.647$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(9, 9, 9); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.257 W/kg

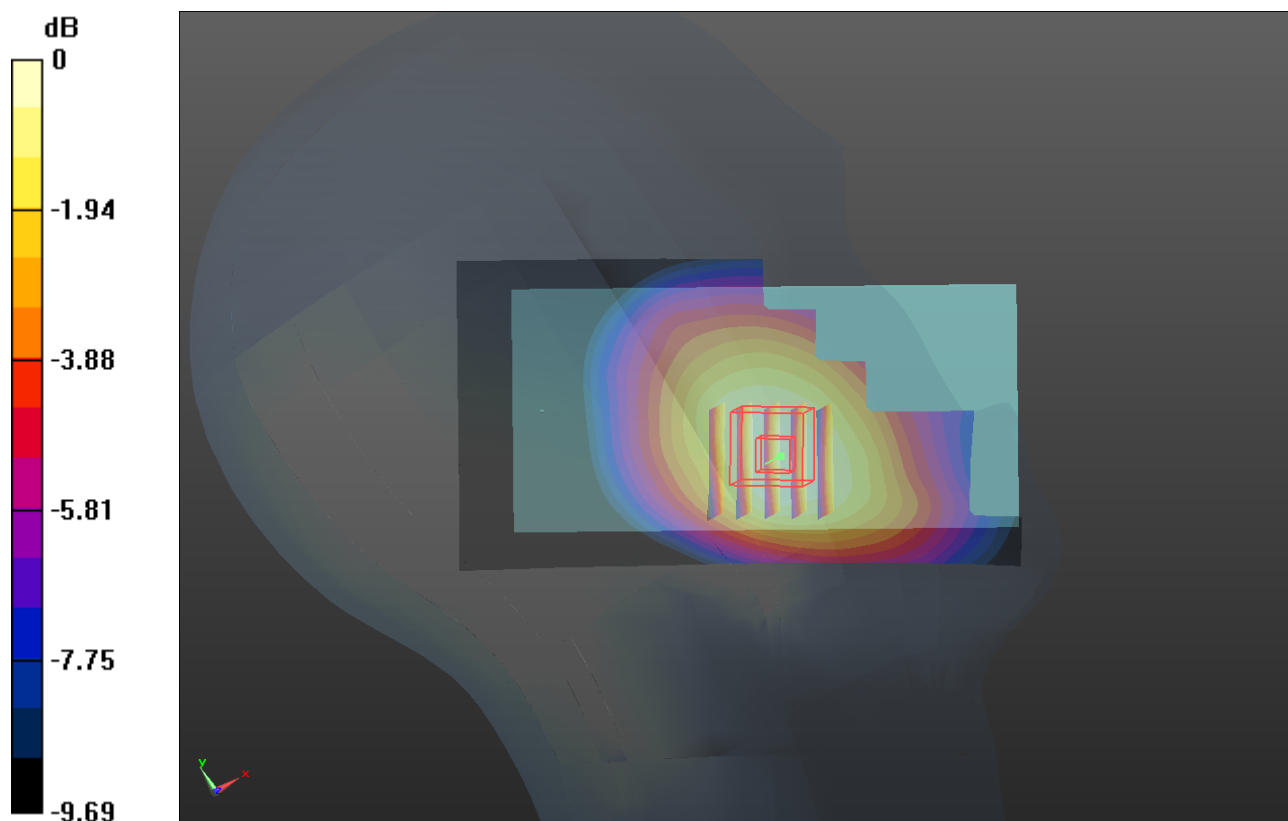
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.300 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.279 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.253 W/kg



P02 CDMA2000 BC1_RC3+SO55_Right Check_Ch600_Sample1_Ant1**DUT: 131023C31**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: H1900_1212 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 40.48$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.67, 7.67, 7.67); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.74 W/kg

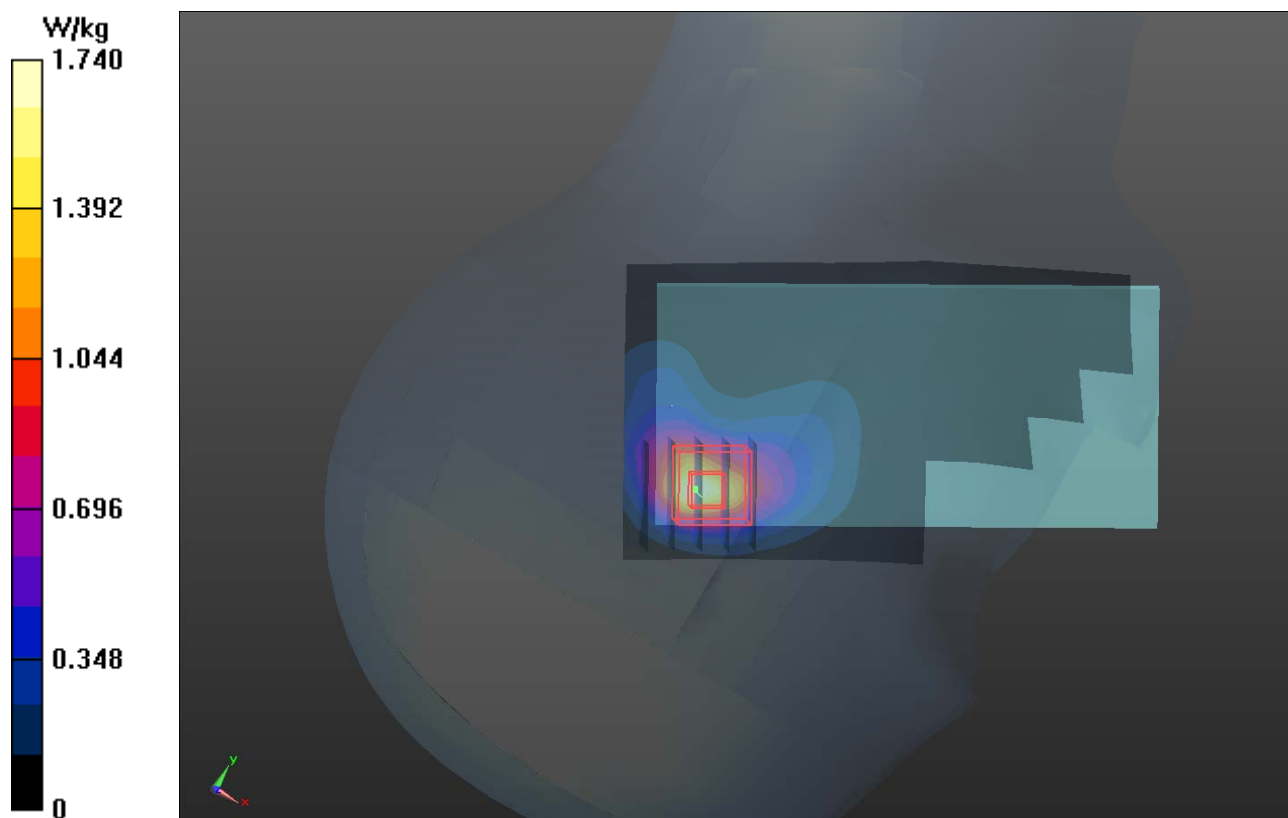
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.733 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.550 W/kg

Maximum value of SAR (measured) = 1.38 W/kg



P03 CDMA2000 BC10_RC3+SO55_Right Cheek_Ch684_Sample1_Ant1**DUT: 131023C31**

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: H835_1208 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 42.948$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 20.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(9, 9, 9); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.328 W/kg

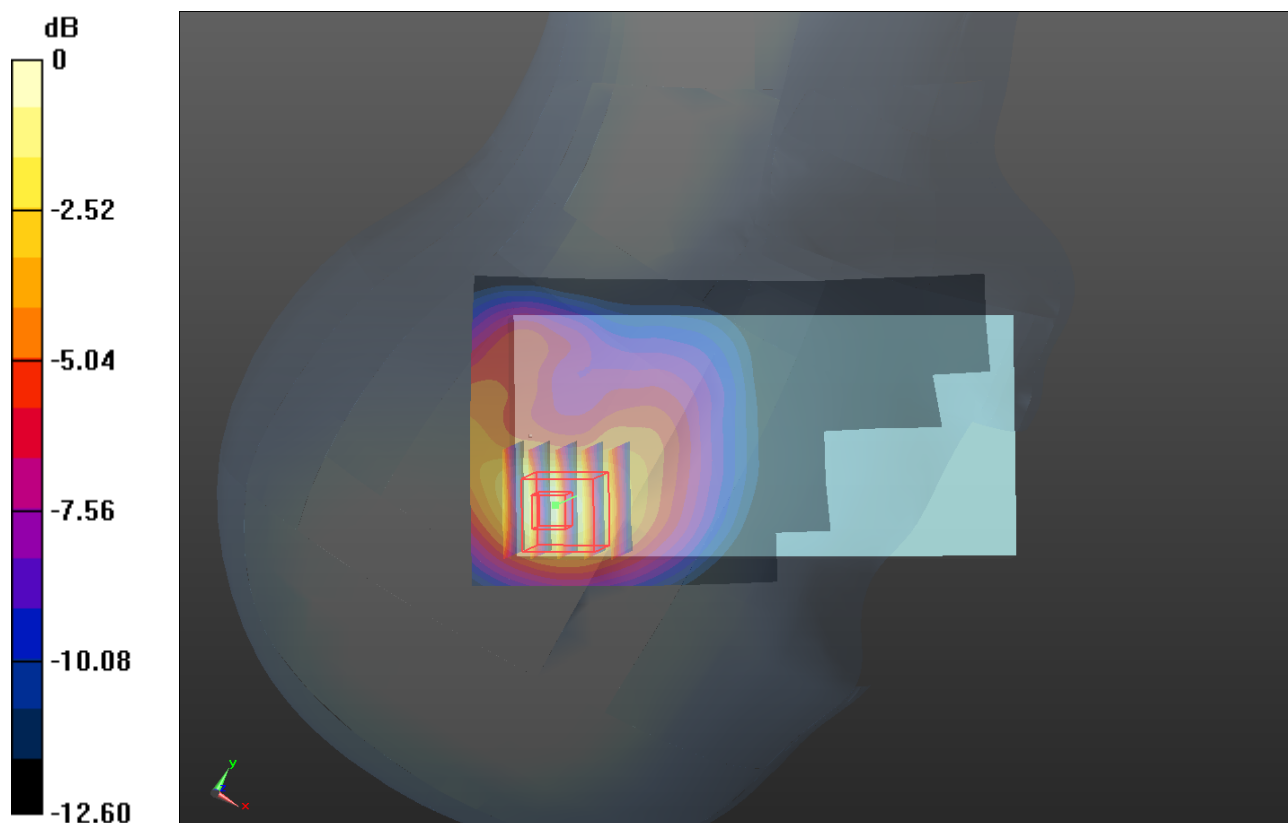
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.398 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.463 W/kg

SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 0.358 W/kg



P04 LTE 25_QPSK_10M_Right Cheek_Ch26090_Sample1_Ant1_1RB_OS0**DUT: 131023C31**

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: H1900_1212 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 40.623$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 20.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.67, 7.67, 7.67); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.79 W/kg

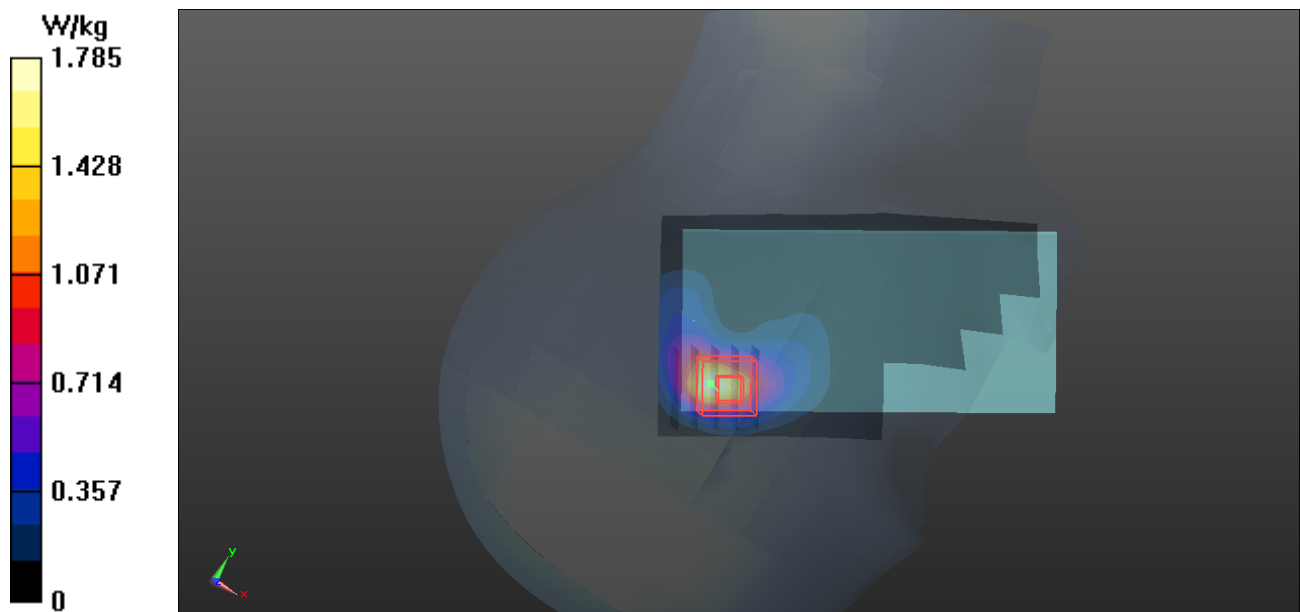
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.365 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.511 W/kg

Maximum value of SAR (measured) = 1.26 W/kg



P05 LTE 26_QPSK_10M_Right Cheek_Ch26865_Sample1_Ant1_1RB_OS0**DUT: 131023C31**

Communication System: LTE; Frequency: 831 MHz; Duty Cycle: 1:1

Medium: H835_1223 Medium parameters used: $f = 831$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 42.861$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(9, 9, 9); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.180 W/kg

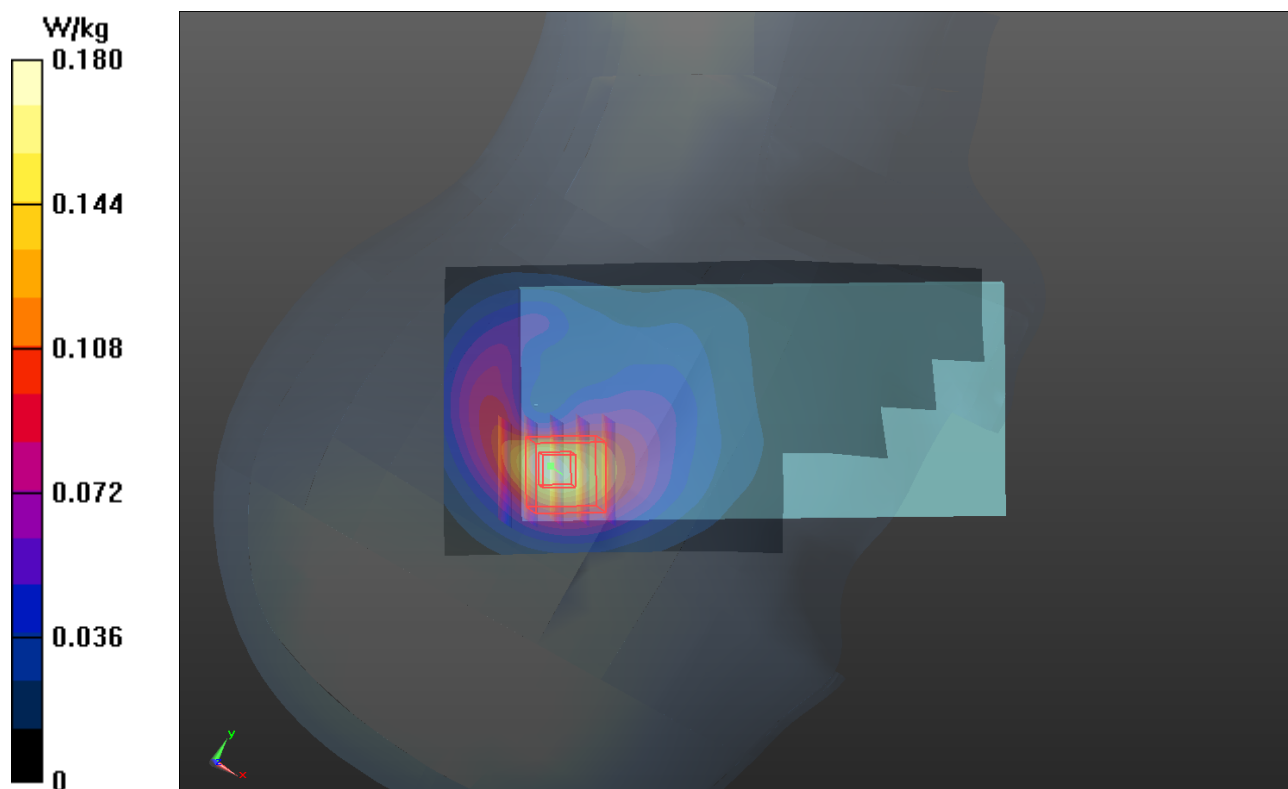
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.108 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.186 W/kg



P06 LTE 41_QPSK_20M_Left Cheek_Ch41490_Sample1_Ant0_1RB_OS0**DUT: 131023C31**

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.58

Medium: H2600_1224 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.146$ S/m; $\epsilon_r = 37.441$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.85, 6.85, 6.85); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.274 W/kg

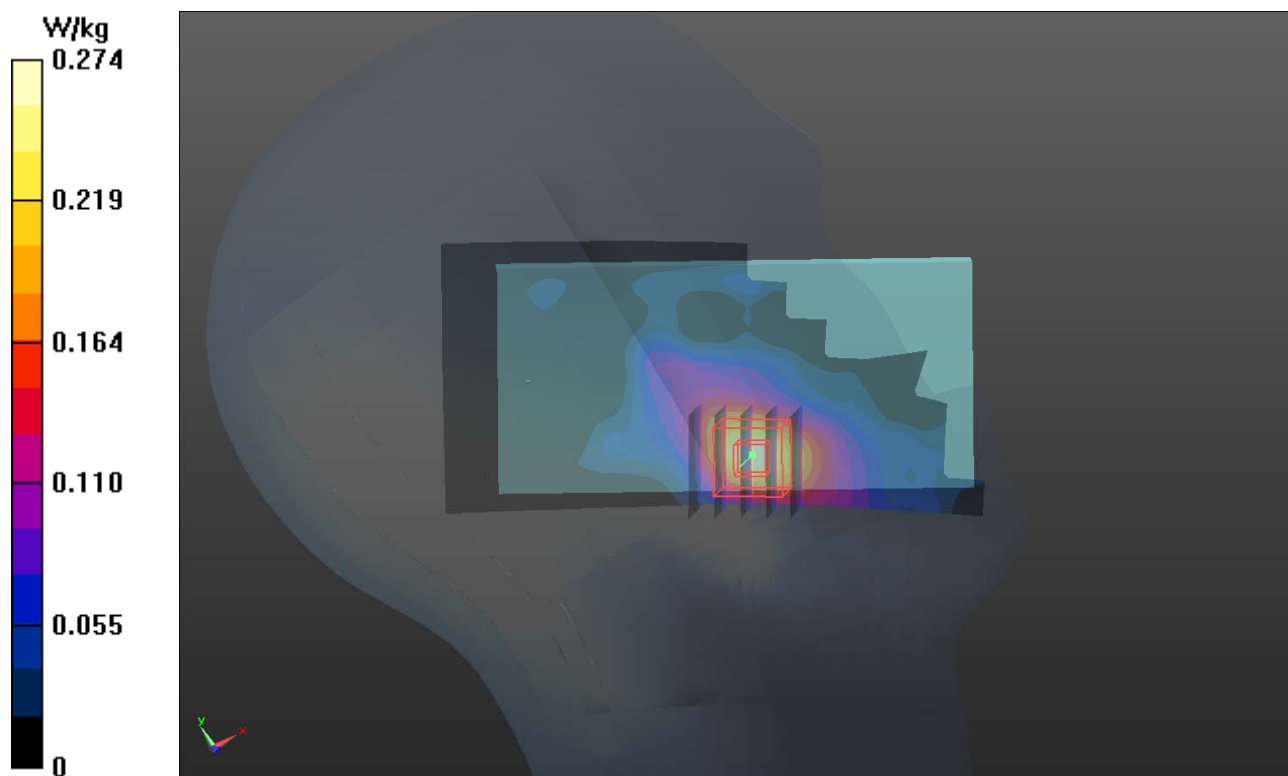
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.190 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.322 W/kg



P07 802.11b_Left Cheek_Ch1_Sample1**DUT: 131023C31**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450_1130 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.777$ S/m; $\epsilon_r = 39.004$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.99, 6.99, 6.99); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (71x141x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.768 W/kg

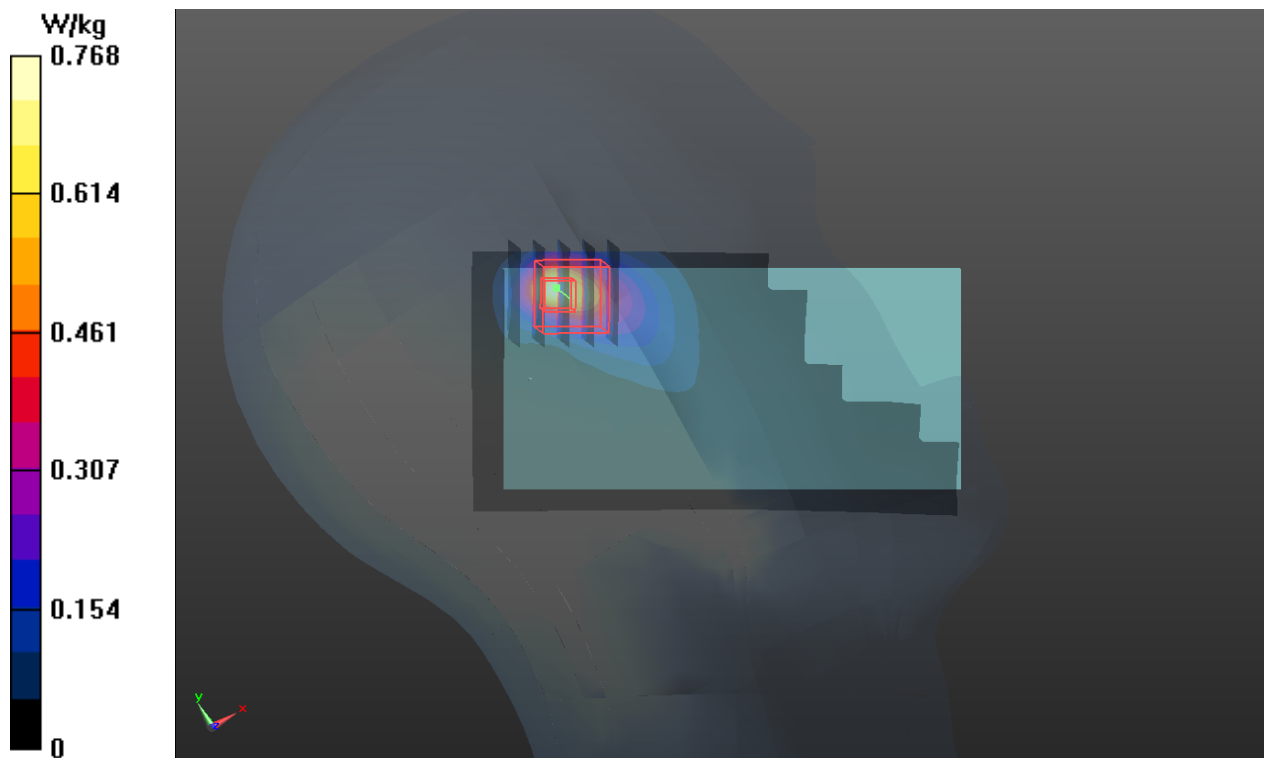
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.612 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.206 W/kg

Maximum value of SAR (measured) = 0.715 W/kg



P08 802.11n_HT20_Left Cheek_Ch36_Sample1**DUT: 131023C31**

Communication System: WLAN_5G; Frequency: 5180 MHz; Duty Cycle: 1:1.17

Medium: H5G_1204 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.469$ S/m; $\epsilon_r = 36.473$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(4.91, 4.91, 4.91); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.470 W/kg

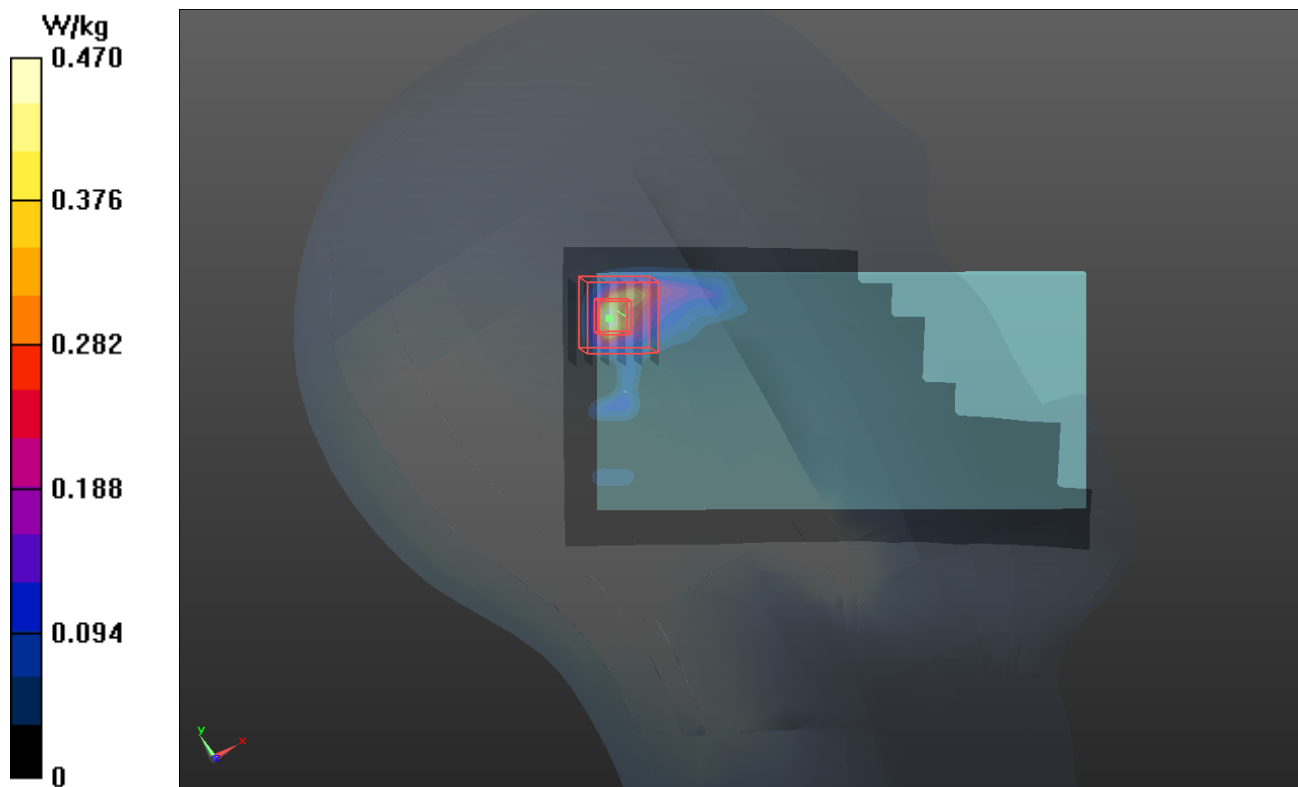
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 4.961 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.875 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.426 W/kg



P09 802.11n_HT20_Left Cheek_Ch52_Sample1**DUT: 131023C31**

Communication System: WLAN_5G; Frequency: 5260 MHz; Duty Cycle: 1:1.17

Medium: H5G_1204 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.596$ S/m; $\epsilon_r = 36.336$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(4.69, 4.69, 4.69); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.616 W/kg

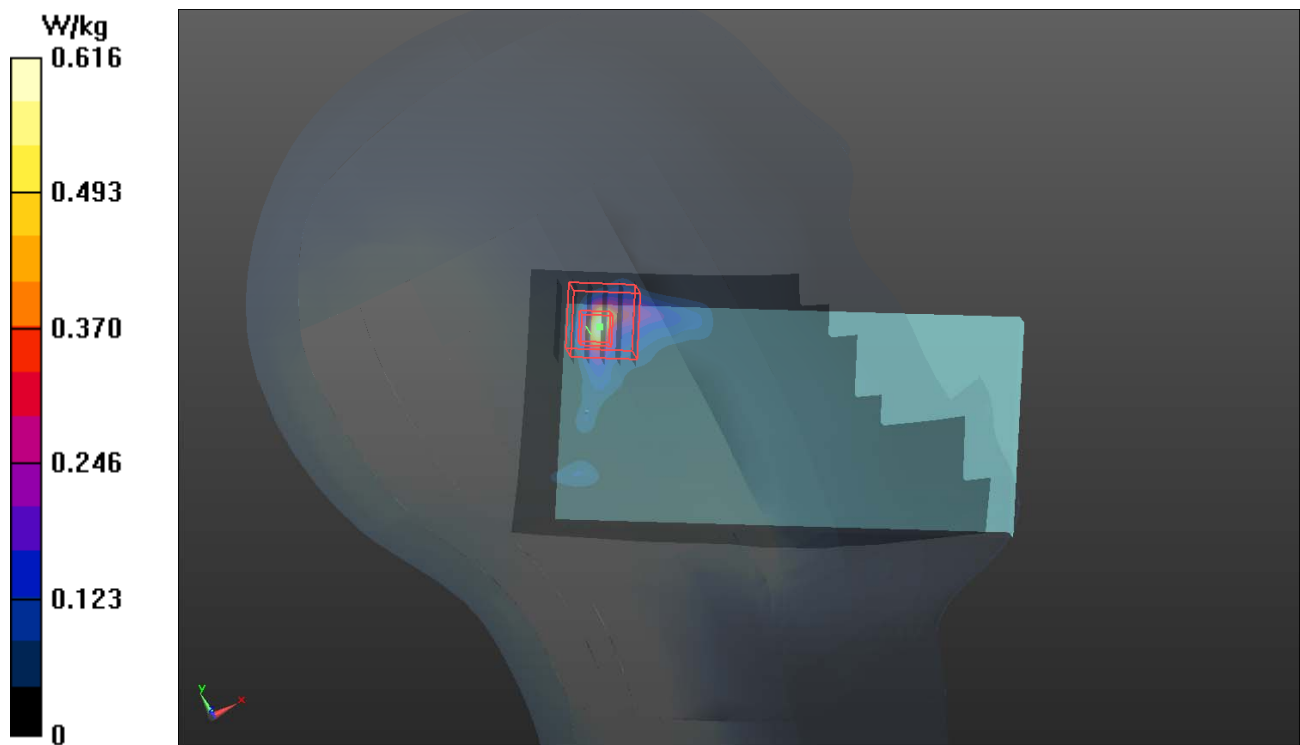
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 5.534 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.931 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.476 W/kg



P10 802.11n_HT20_Left Cheek_Ch100_Sample1**DUT: 131023C31**

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1.17

Medium: H5G_1204 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.839$ S/m; $\epsilon_r = 36.166$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(4.73, 4.73, 4.73); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2013/04/24
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.573 W/kg

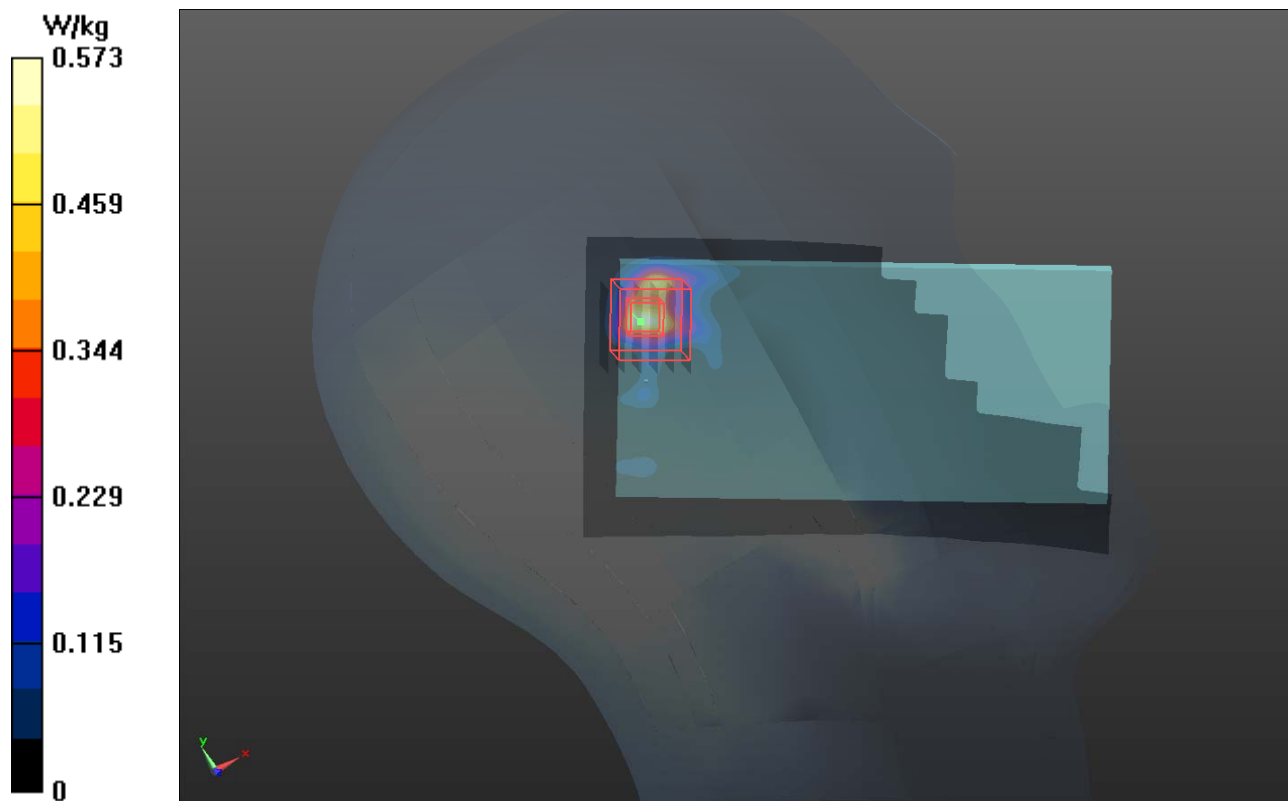
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 4.039 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.590 W/kg



P11 802.11n_HT20_Left Cheek_Ch157_Sample1**DUT: 131023C31**

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1.17

Medium: H5G_1206 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.122$ S/m; $\epsilon_r = 36.008$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(4.34, 4.34, 4.34); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.550 W/kg

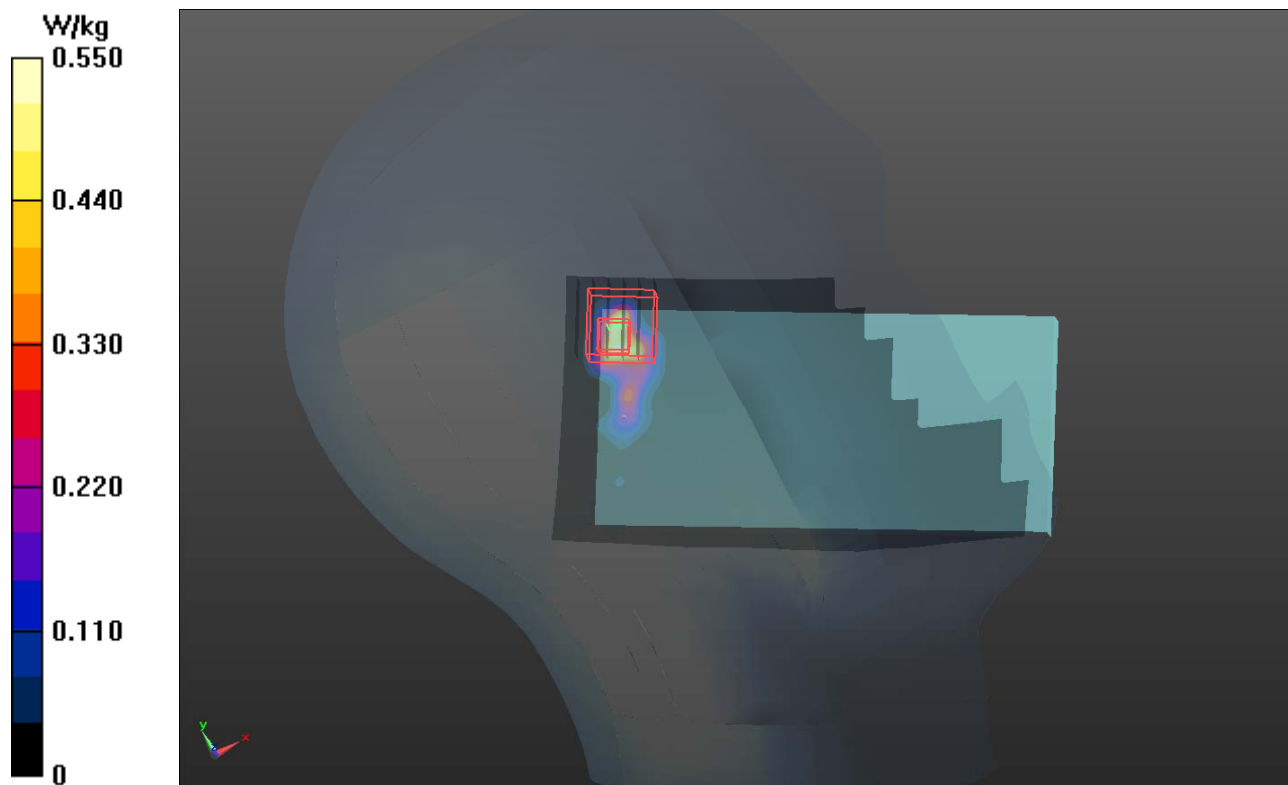
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 6.290 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.056 W/kg

Maximum value of SAR (measured) = 0.542 W/kg



P12 CDMA2000_BC0_RTAP153.6_Rear Face_1cm_Ch777_Sample1_Ant0**DUT: 131023C31**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: B835_1207 Medium parameters used: $f = 848.31$ MHz; $\sigma = 1.013$ S/m; $\epsilon_r = 56.726$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.43, 10.43, 10.43); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1039
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.604 W/kg

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

Reference Value = 19.175 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.638 W/kg

SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.323 W/kg

Maximum value of SAR (measured) = 0.542 W/kg

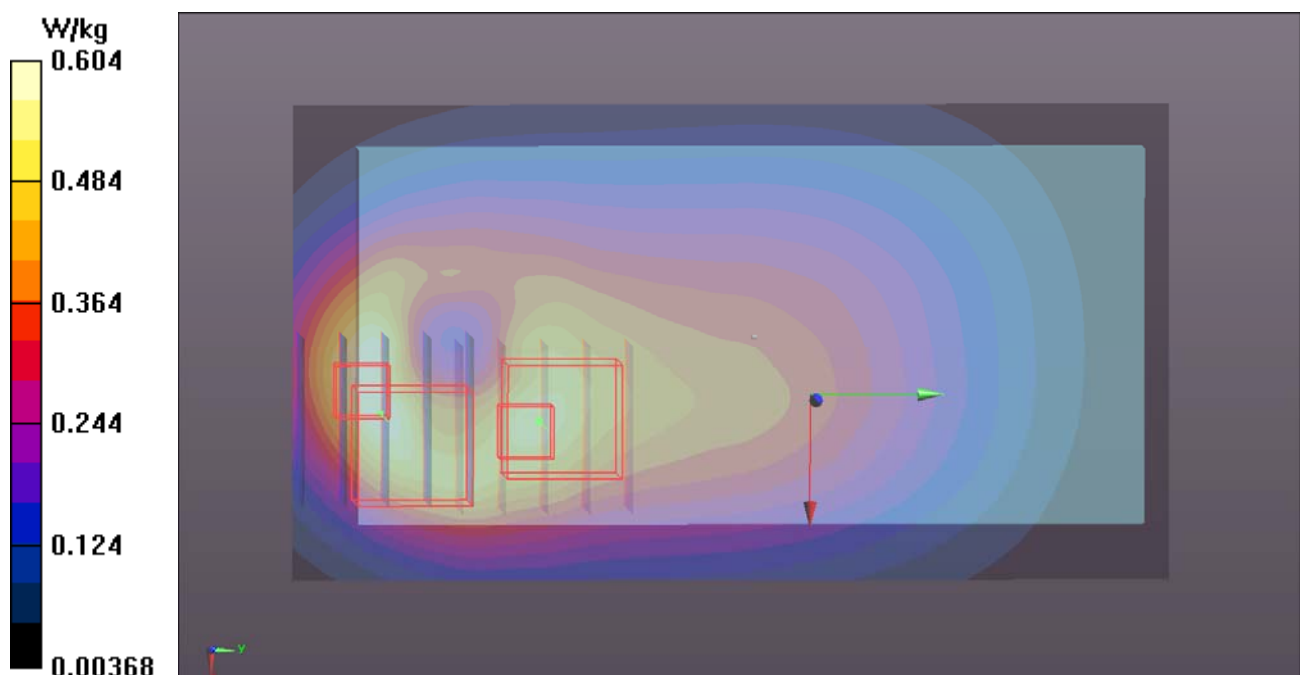
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.175 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.770 W/kg

SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (measured) = 0.582 W/kg



P13 CDMA2000 BC1_RTAP153.6_Rear Face_1cm_Ch600_Sample1_Ant0**DUT: 131023C31**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: B1900_1212 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ S/m; $\epsilon_r = 54.036$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 20.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.23, 7.23, 7.23); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.833 W/kg

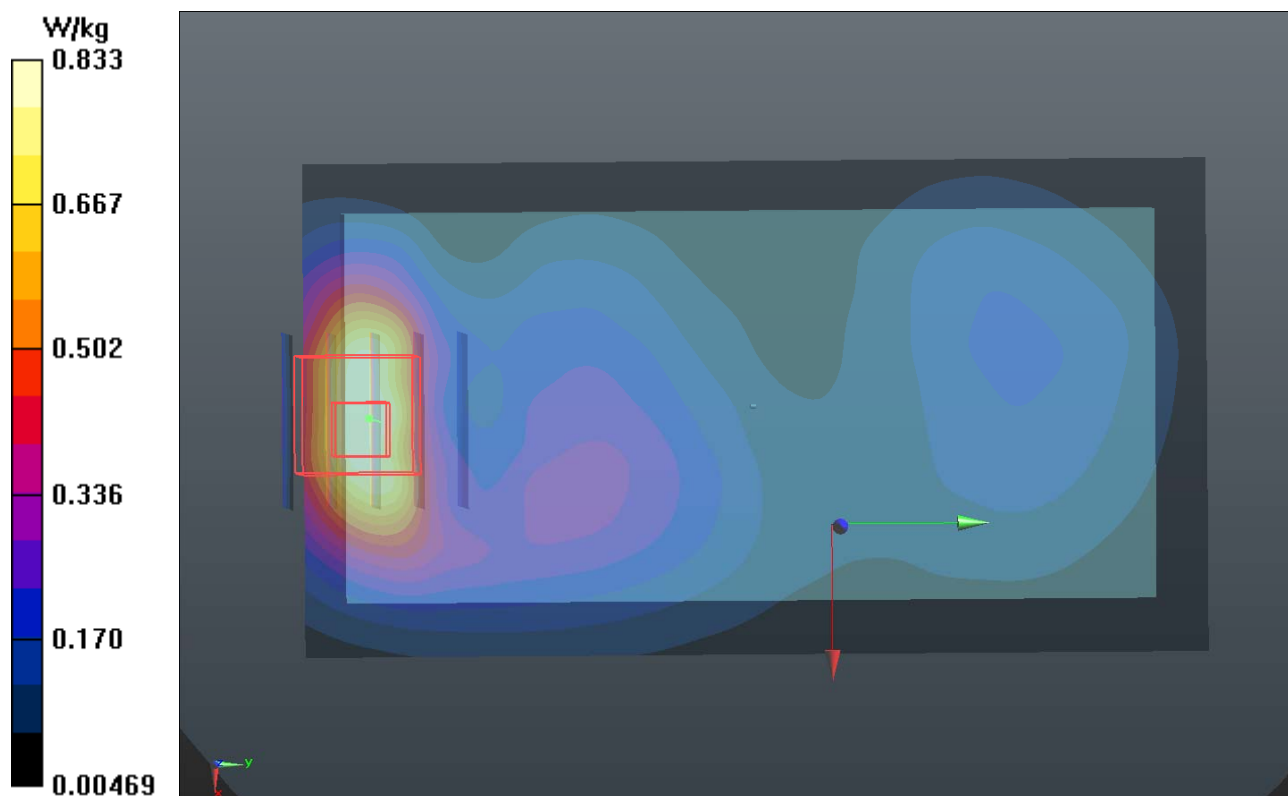
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.070 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.357 W/kg

Maximum value of SAR (measured) = 0.900 W/kg



P14 CDMA2000_BC10_RTAP153.6_Rear Face_1cm_Ch684_Sample1_Ant0**DUT: 131023C31**

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: B835_1207 Medium parameters used: $f = 823.1$ MHz; $\sigma = 0.987$ S/m; $\epsilon_r = 56.982$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C ; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(10.43, 10.43, 10.43); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1039
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.432 W/kg

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

Reference Value = 18.143 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.485 W/kg

SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.422 W/kg

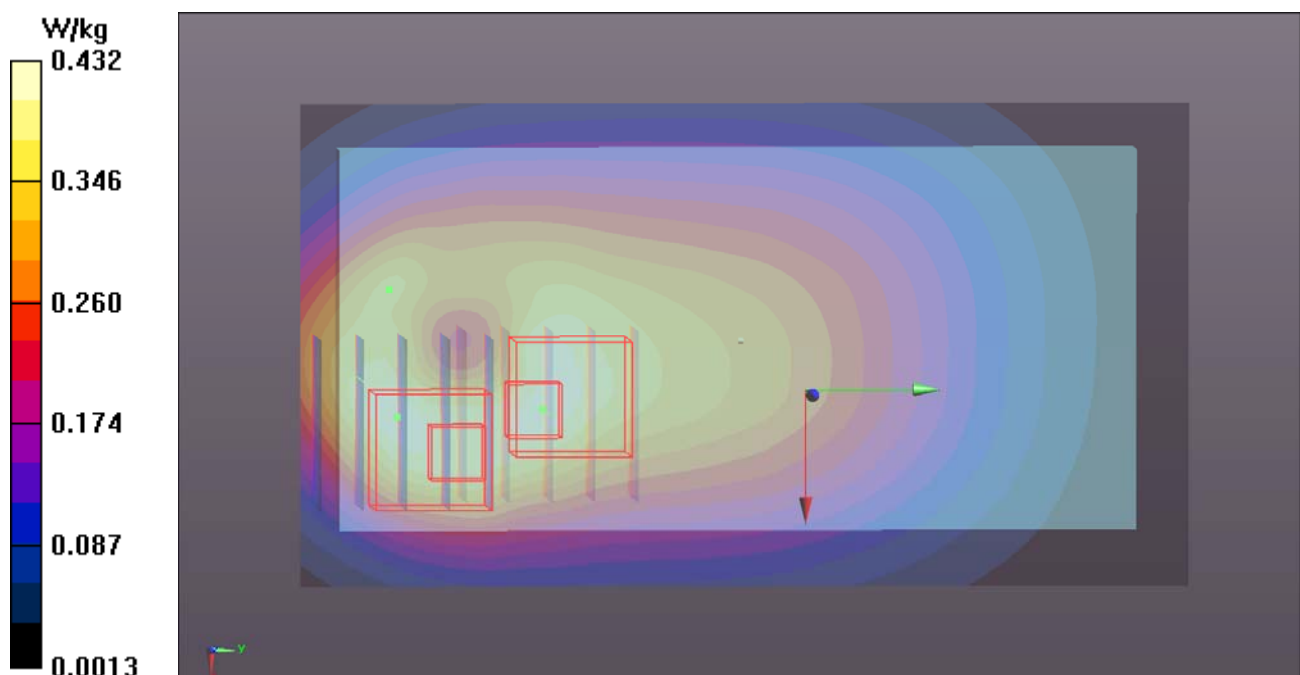
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.143 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.556 W/kg

SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.207 W/kg

Maximum value of SAR (measured) = 0.444 W/kg



P15 LTE 25_QPSK_10M_Rear Face_1cm_Ch26090_Sample1_Ant0_1RB_OS0**DUT: 131023C31**

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: B1900_1225 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 53.515$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.39, 7.39, 7.39); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: TP:1206
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.669 W/kg

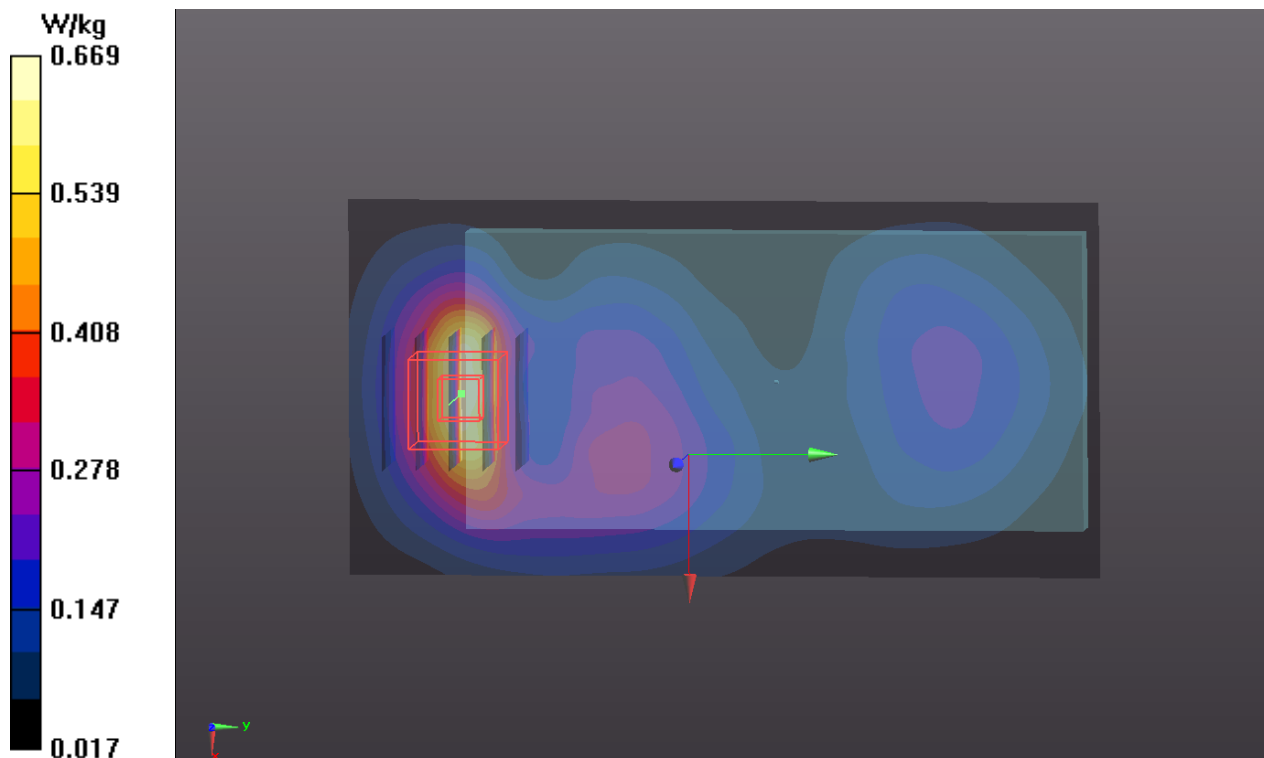
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.032 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.957 W/kg

SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.333 W/kg

Maximum value of SAR (measured) = 0.784 W/kg



P16 LTE 26_QPSK_10M_Rear Face_1cm_Ch26865_Sample1_Ant0_1RB_OS0**DUT: 131023C31**

Communication System: LTE; Frequency: 831 MHz; Duty Cycle: 1:1

Medium: B835_1223 Medium parameters used: $f = 831$ MHz; $\sigma = 0.968$ S/m; $\epsilon_r = 54.051$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(9.13, 9.13, 9.13); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.309 W/kg

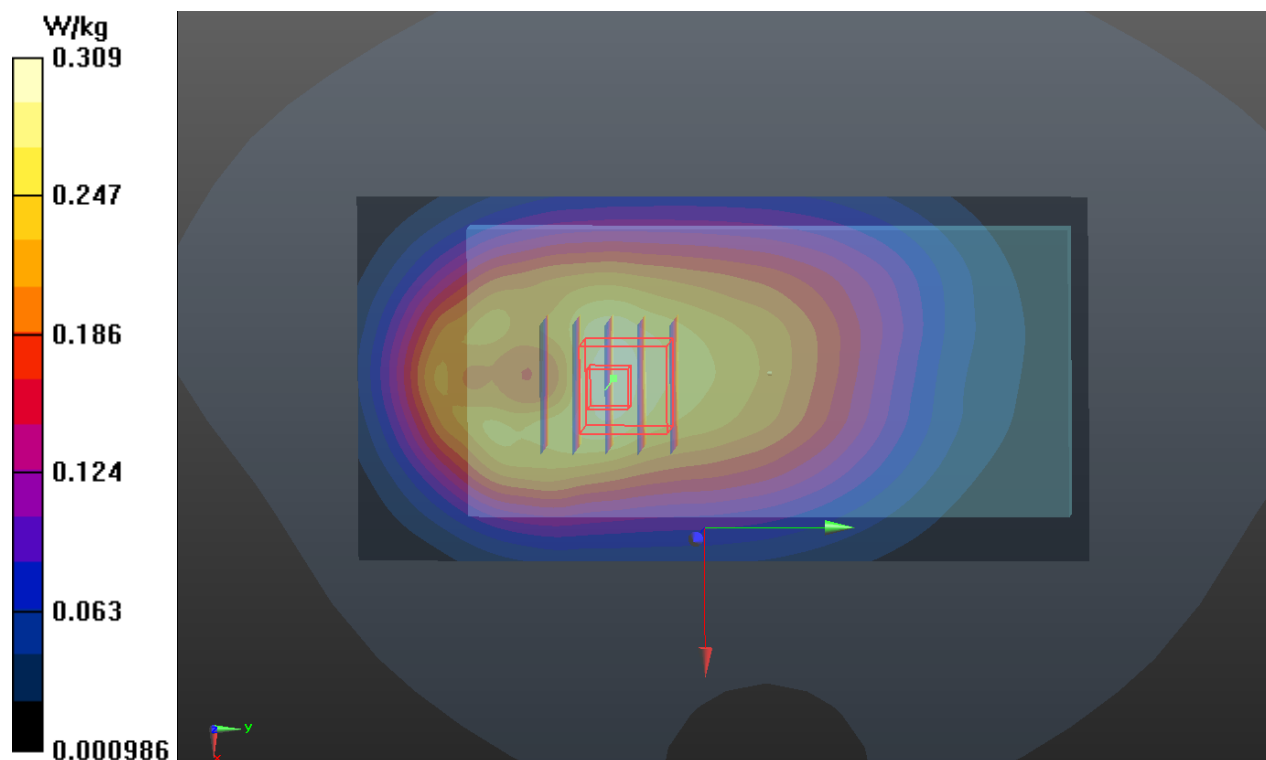
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.420 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.302 W/kg



P17 LTE 41_QPSK_20M_Rear Face_1cm_Ch41490_Sample1_Ant0_1RB_OS0**DUT: 131023C31**

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.58

Medium: B2600_1226 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.316$ S/m; $\epsilon_r = 52.045$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C; Liquid Temperature : 20.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(6.91, 6.91, 6.91); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x141x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.246 W/kg

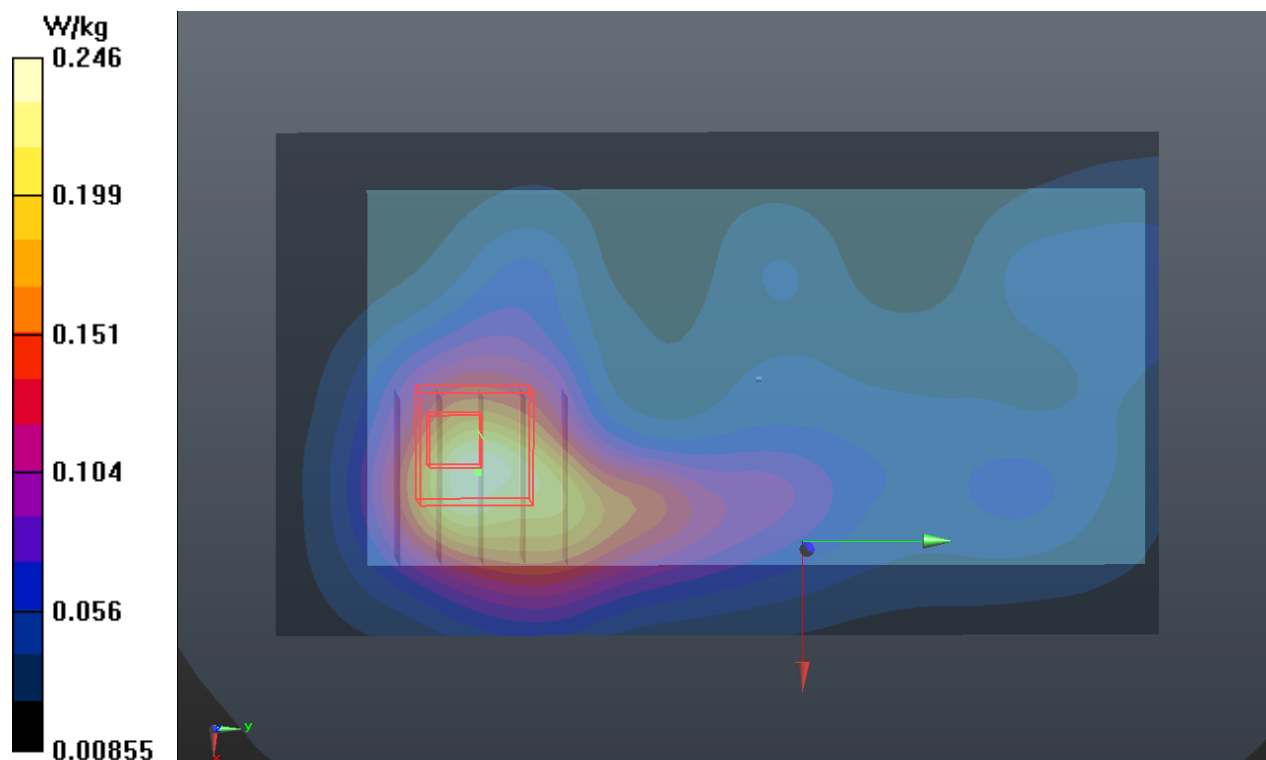
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.348 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.285 W/kg



P18 802.11b_Front Face_1cm_Ch1_Sample1**DUT: 131023C31**

Communication System: WLAN_2.4G; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: B2450_1130 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.912$ S/m; $\epsilon_r = 51.365$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 20.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.09, 7.09, 7.09); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1653
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x141x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.112 W/kg

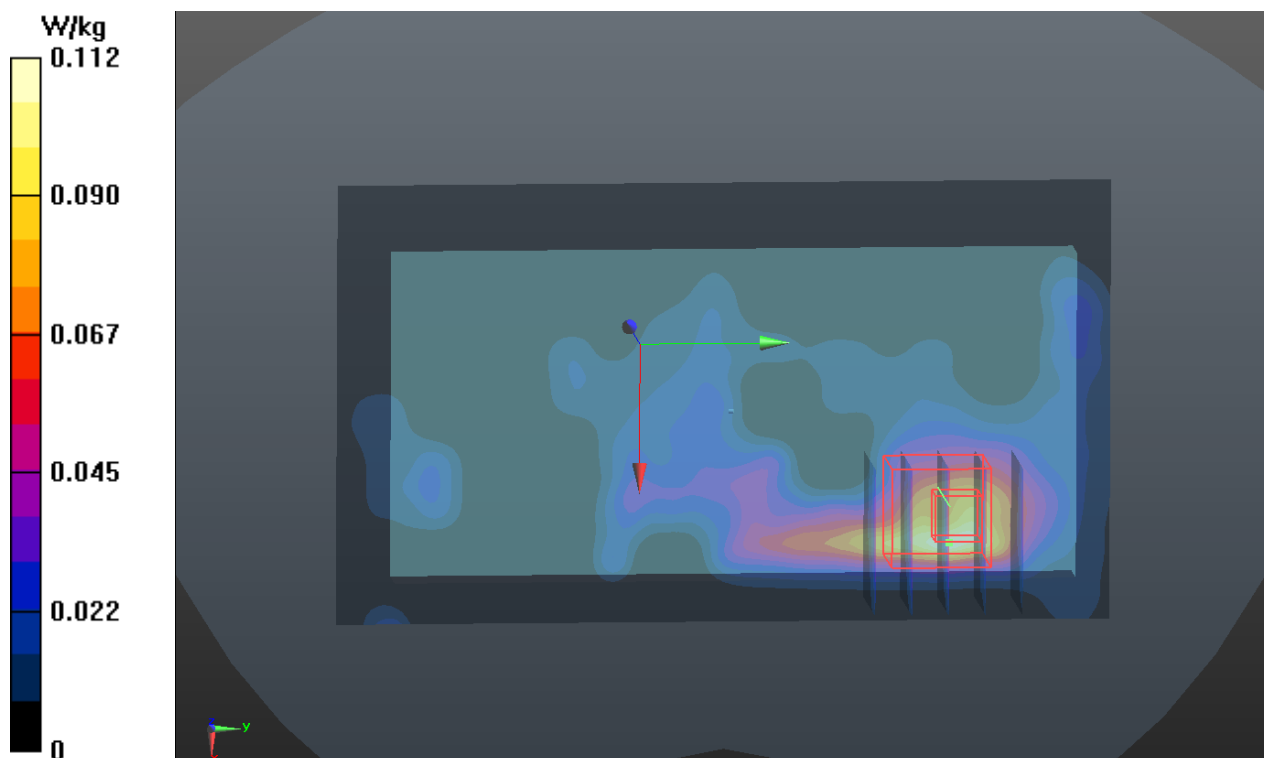
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.182 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.0724 W/kg



P19 802.11a_Front Face_1cm_Ch48_Sample1**DUT: 131023C31**

Communication System: WLAN_5G; Frequency: 5240 MHz; Duty Cycle: 1:1.17

Medium: B5G_1206 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.421$ S/m; $\epsilon_r = 47.539$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 20.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(4.24, 4.24, 4.24); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.170 W/kg

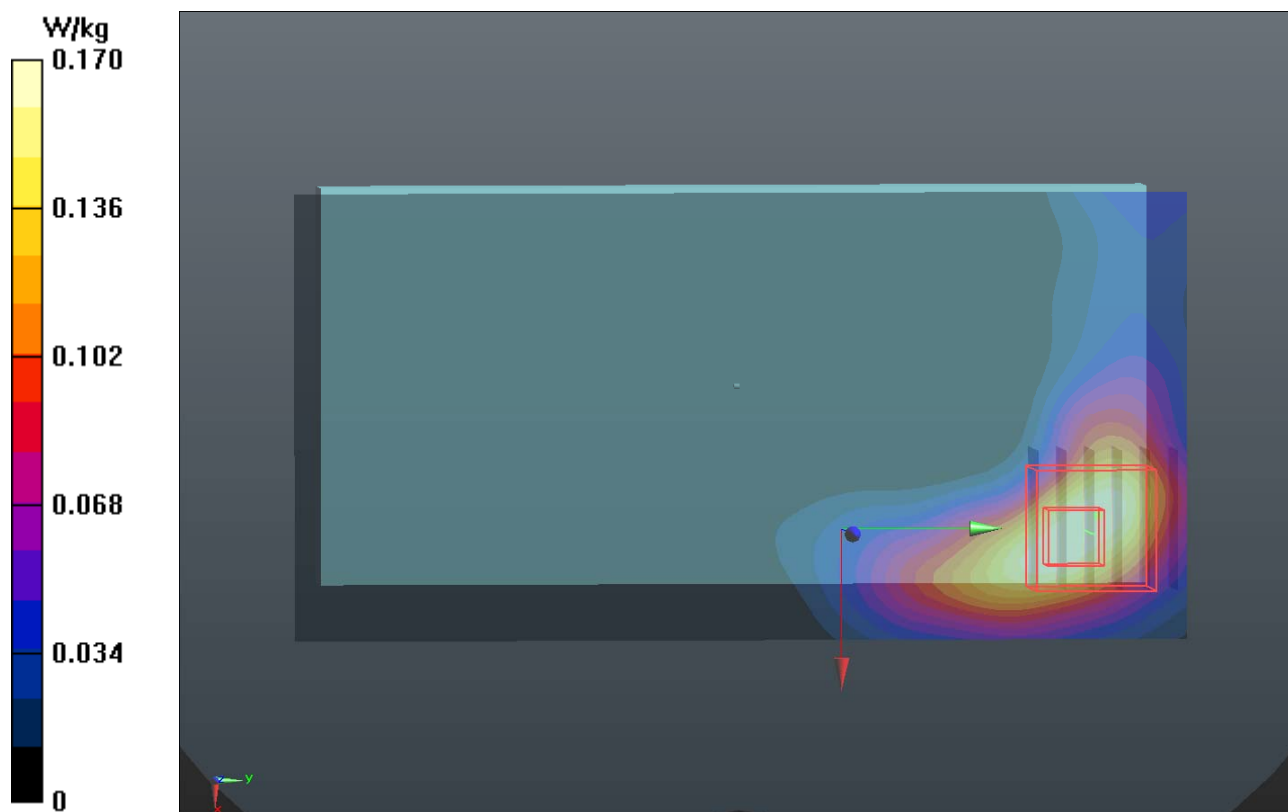
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.169 W/kg



P20 802.11n_HT20_Front Face_1cm_Ch52_Sample1**DUT: 131023C31**

Communication System: WLAN_5G; Frequency: 5260 MHz; Duty Cycle: 1:1.17

Medium: B5G_1207 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.434$ S/m; $\epsilon_r = 47.587$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.94, 4.94, 4.94); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0270 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.605 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.0025 W/kg

Maximum value of SAR (measured) = 0.0289 W/kg

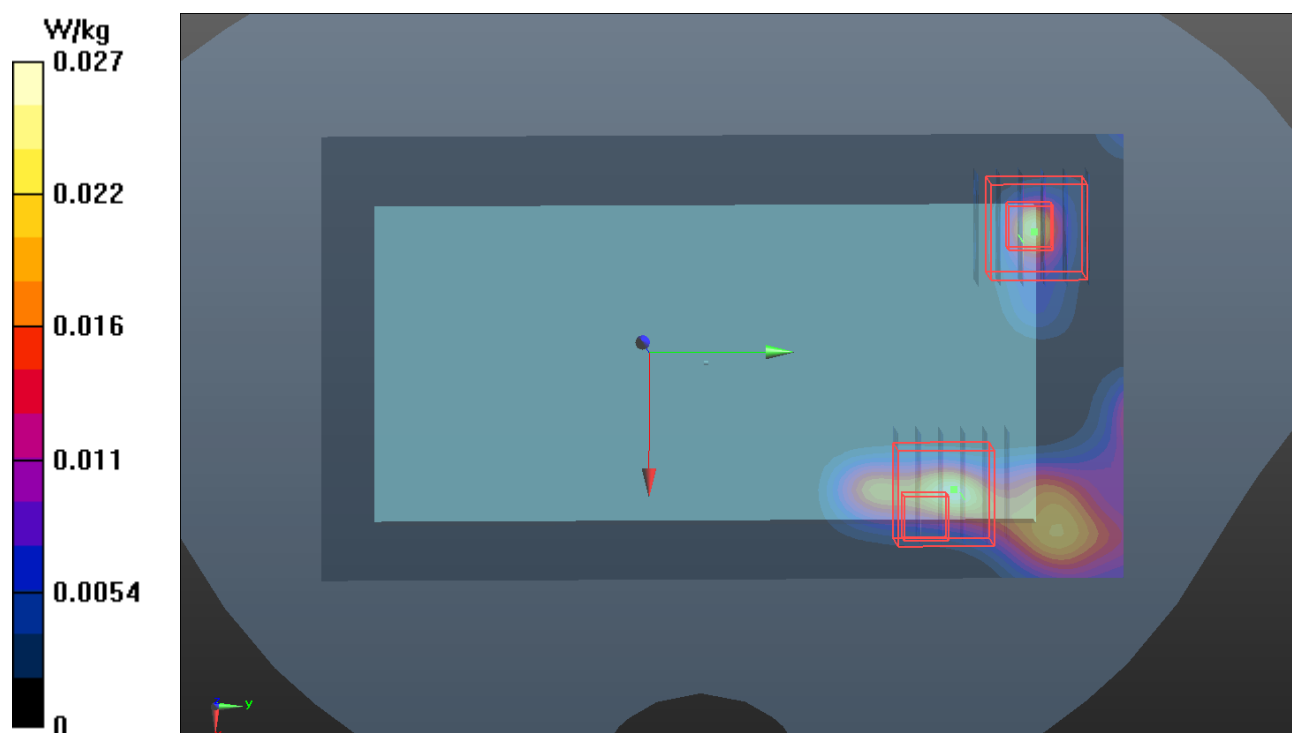
- Zoom Scan (6x6x12)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 0.605 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00321 W/kg

Maximum value of SAR (measured) = 0.0284 W/kg



P21 802.11n_HT20_Front Face_1cm_Ch100_Sample1**DUT: 131023C31**

Communication System: WLAN_5G; Frequency: 5500 MHz; Duty Cycle: 1:1.17

Medium: B5G_1207 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.78$ S/m; $\epsilon_r = 47.077$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.57, 4.57, 4.57); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0831 W/kg

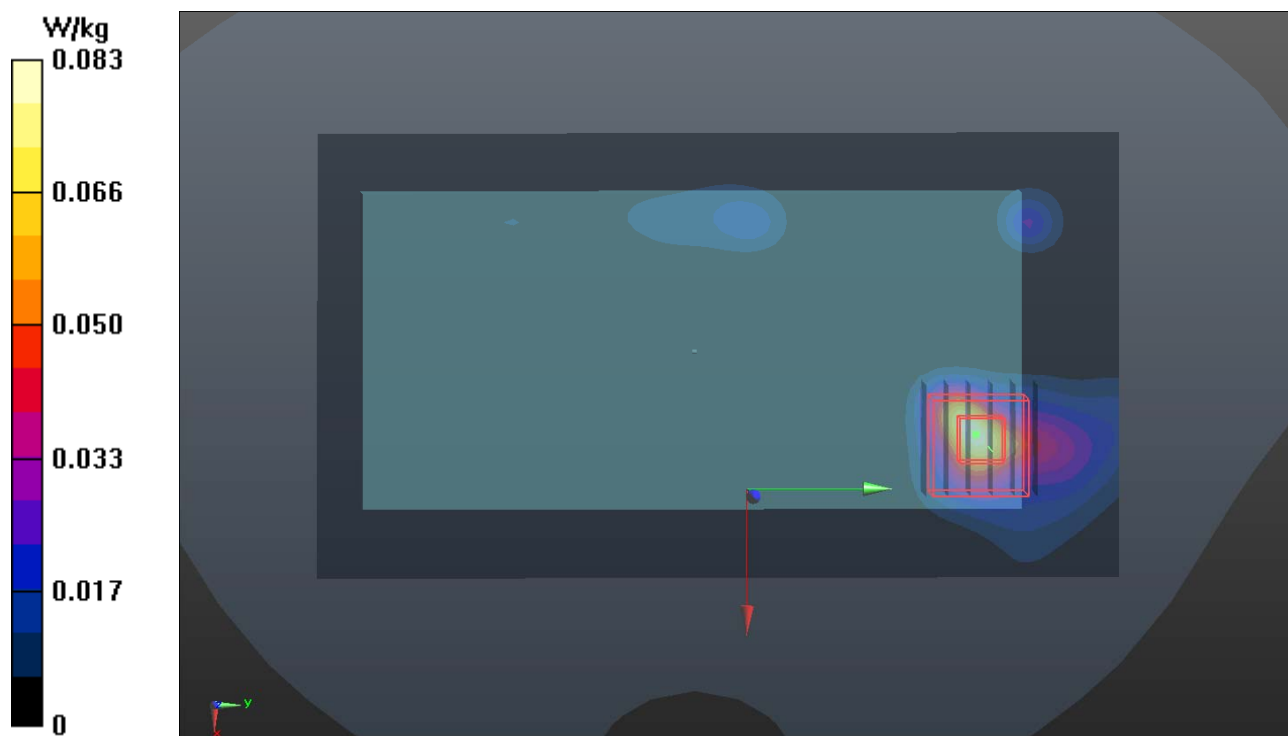
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 0.437 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.00835 W/kg

Maximum value of SAR (measured) = 0.0620 W/kg



P22 802.11n_HT20_Front Face_1cm_Ch157_Sample1**DUT: 131023C31**

Communication System: WLAN_5G; Frequency: 5785 MHz; Duty Cycle: 1:1.17

Medium: B5G_1207 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.177$ S/m; $\epsilon_r = 46.611$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 20.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3590; ConvF(4.72, 4.72, 4.72); Calibrated: 2013/02/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2013/03/19
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0401 W/kg

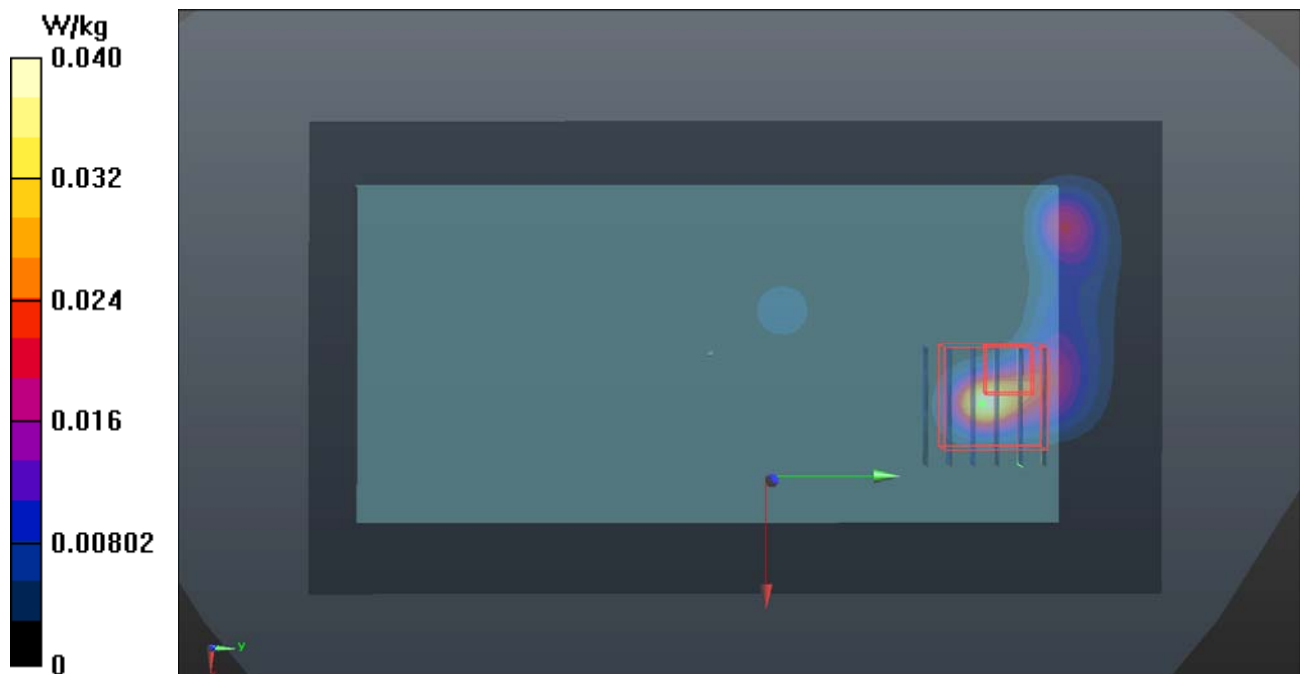
- Zoom Scan (6x6x12)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00748 W/kg

Maximum value of SAR (measured) = 0.0490 W/kg



P23 CDMA2000 BC1_RTAP153.6_Bottom Side_1cm_Ch25_Sample1_Ant0**DUT: 131023C31**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: B1900_1212 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.494$ S/m; $\epsilon_r = 54.146$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 20.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.23, 7.23, 7.23); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (121x51x1): Interpolated grid: $dx=0.4000$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.46 W/kg

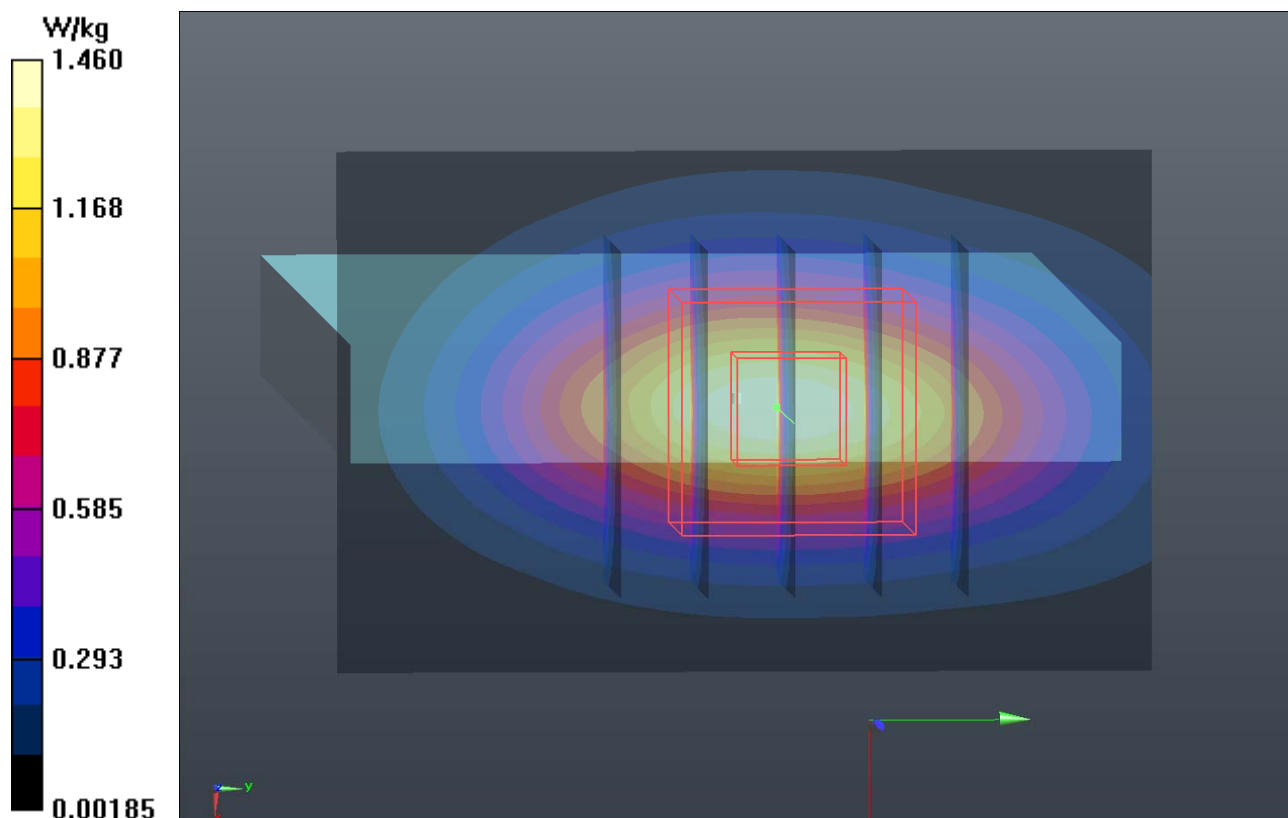
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 31.838 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.552 W/kg

Maximum value of SAR (measured) = 1.44 W/kg



P24 LTE 25_QPSK_10M_Bottom Side_1cm_Ch26090_Sample1_Ant0_1RB_OS0**DUT: 131023C31**

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: B1900_1225 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 53.515$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.2 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.39, 7.39, 7.39); Calibrated: 2013/04/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2013/01/30
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: TP:1206
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (41x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.36 W/kg

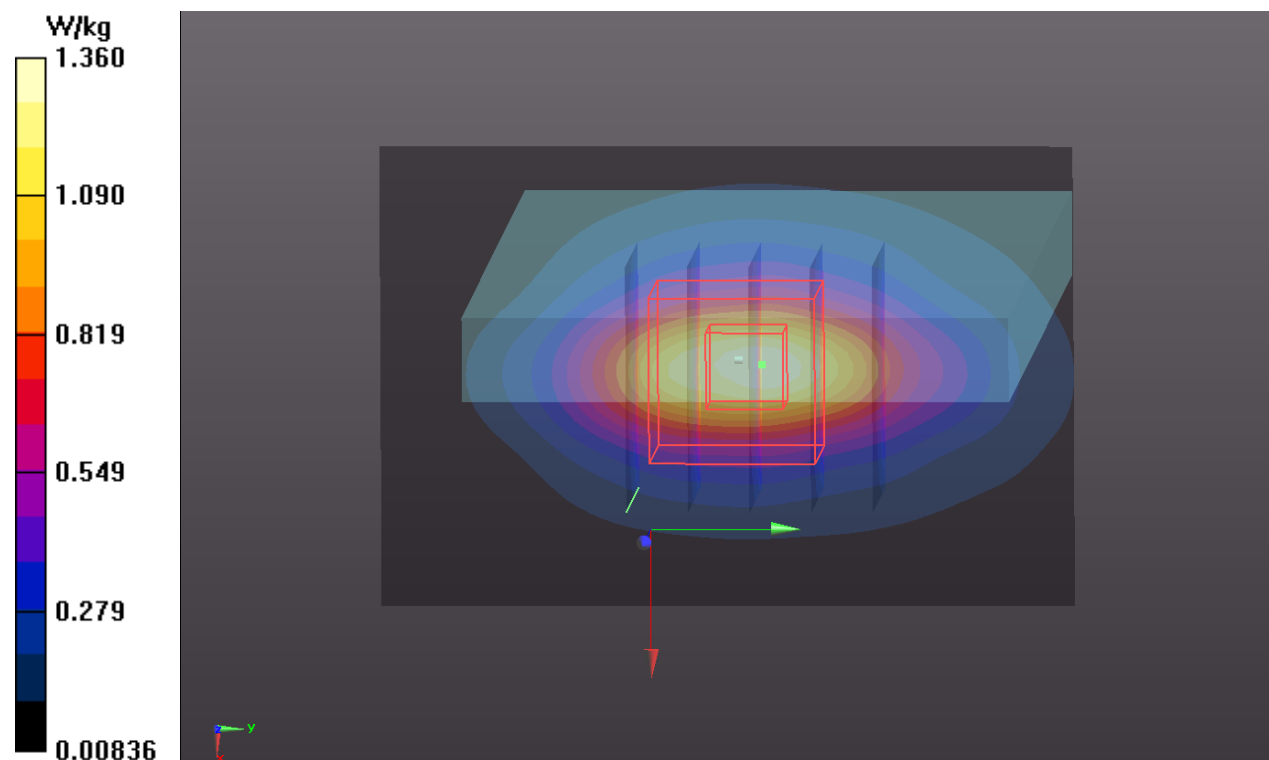
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 29.699 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.516 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



P25 LTE 26_QPSK_10M_Left Side_1cm_Ch26865_Sample1_Ant0_1RB_OS0**DUT: 131023C31**

Communication System: LTE; Frequency: 831 MHz; Duty Cycle: 1:1

Medium: B835_1223 Medium parameters used: $f = 831$ MHz; $\sigma = 0.968$ S/m; $\epsilon_r = 54.051$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(9.13, 9.13, 9.13); Calibrated: 2013/06/20;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2013/09/25
- Phantom: SAM Phantom_Right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (41x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.383 W/kg

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

Reference Value = 19.974 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 0.386 W/kg

