

P01 WCDMA II_RMC12.2K_Rear Face_0cm_Ch9538_P_Sensor-on

DUT: ES170719047E

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: B1900_0817 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.536$ S/m; $\epsilon_r = 53.651$; $\rho =$

1000 kg/m^3

Ambient Temperature : 23.2°C ; Liquid Temperature : 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(8.17, 8.17, 8.17); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (121x171x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.73 W/kg

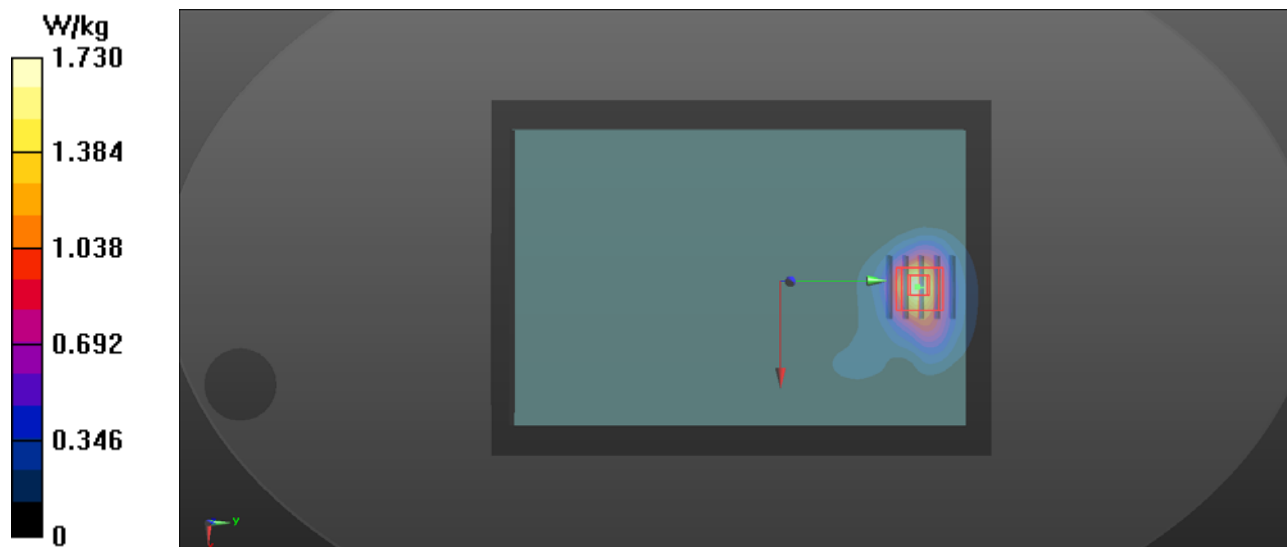
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.134 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.24 W/kg ; SAR(10 g) = 0.692 W/kg

Maximum value of SAR (measured) = 1.77 W/kg



P02 WCDMA IV_RMC12.2K_Rear Face_0cm_Ch1413_P_Sensor-on

DUT: ES170719047E

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: B1750_0816 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.505$ S/m; $\epsilon_r = 54.657$; $\rho =$

1000 kg/m^3

Ambient Temperature : 23.4°C ; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(8.17, 8.17, 8.17); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (121x171x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.42 W/kg

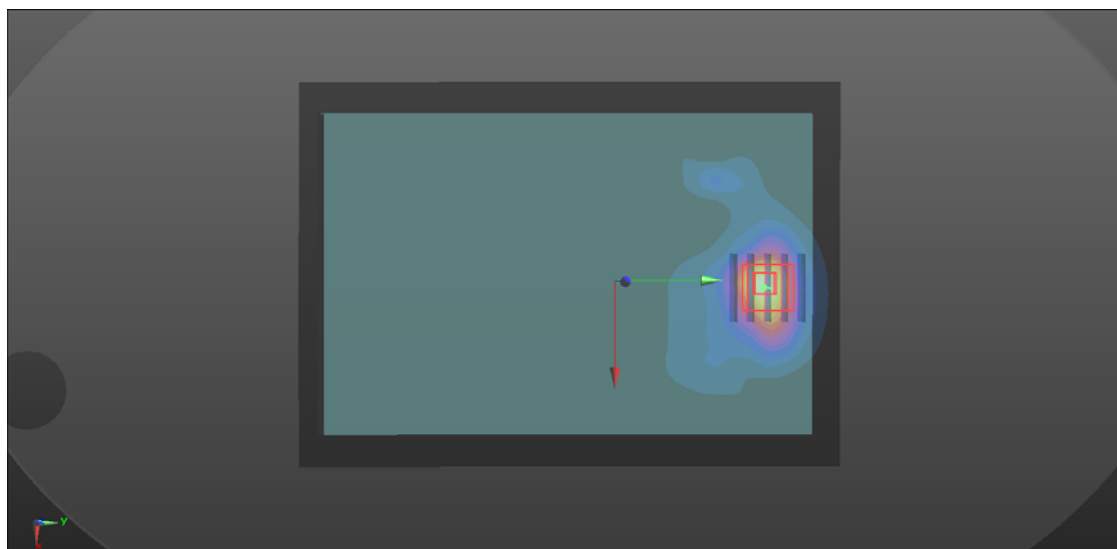
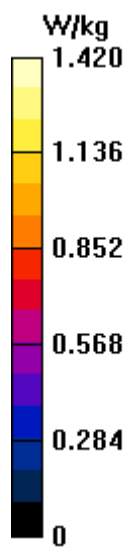
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.276 V/m ; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.973 W/kg ; SAR(10 g) = 0.557 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



P03 WCDMA V_RMC12.2K_Rear Face_0cm_Ch4182_P_Sensor-on

DUT: ES170719047E

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: B835_0815 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 55.142$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(9.94, 9.94, 9.94); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.329 W/kg

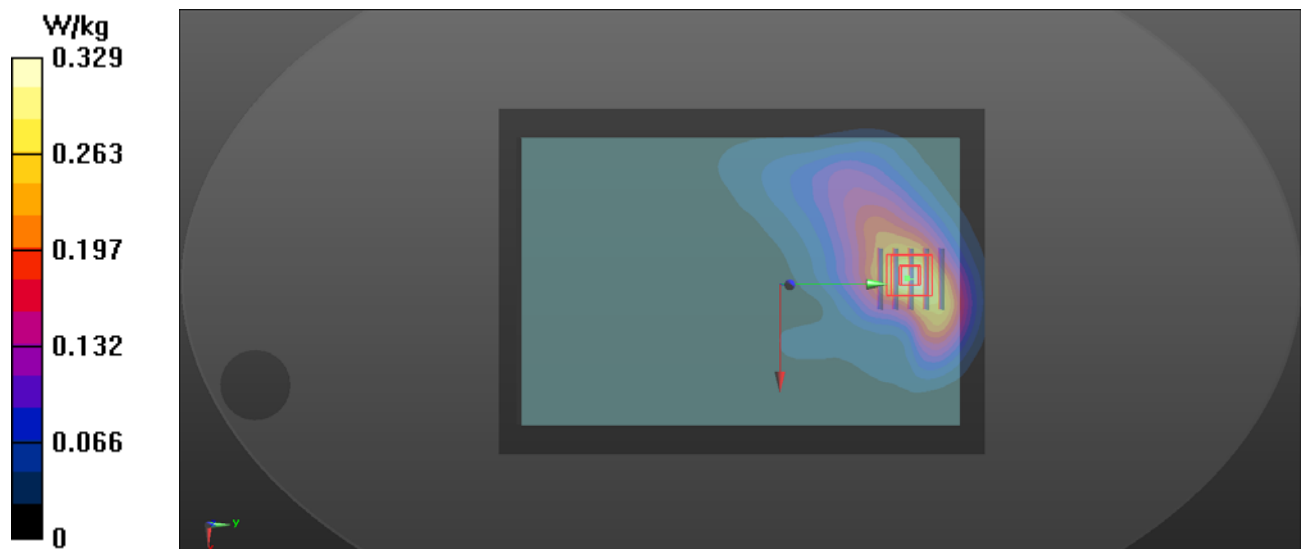
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.661 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 0.330 W/kg



P04 LTE 4_QPSK20M_Rear Face_0cm_Ch20175_50RB_OS0_P_Sensor-on

DUT: ES170719047E

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: B1750_0816 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.505$ S/m; $\epsilon_r = 54.66$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(8.17, 8.17, 8.17); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.28 W/kg

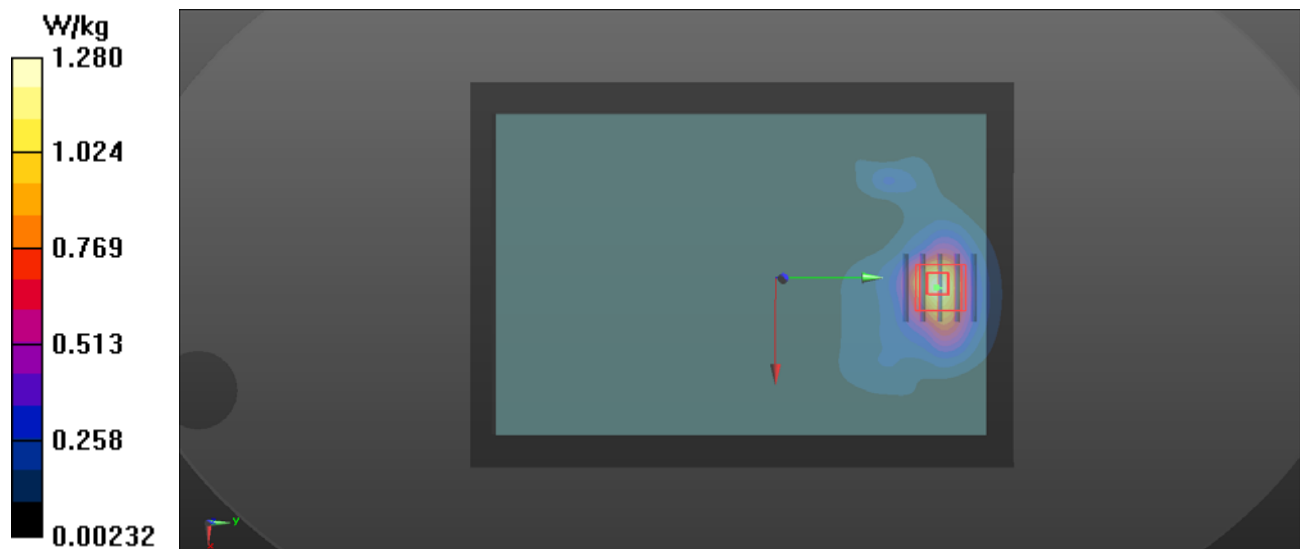
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.106 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.523 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



P05 LTE 5_QPSK10M_Rear Face_0cm_Ch20525_1RB_OS0_P_Sensor-on

DUT: ES170719047E

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium: B835_0815 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 55.141$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(9.94, 9.94, 9.94); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (121x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.287 W/kg

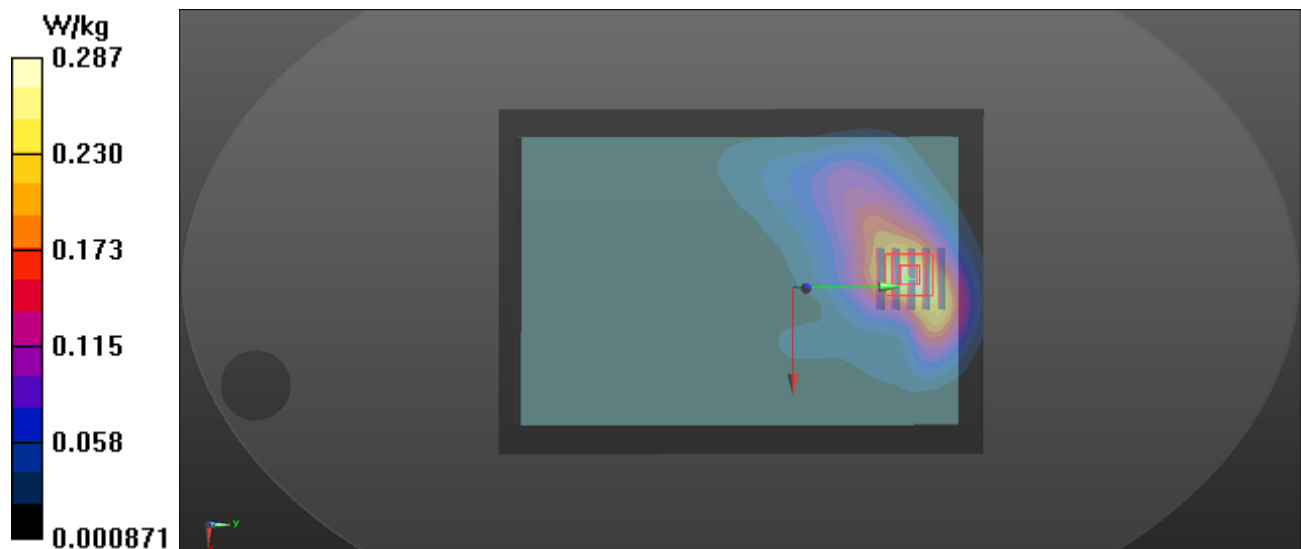
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.138 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.369 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.316 W/kg



P06 LTE 7_QPSK20M_Rear Face_0cm_Ch21100_1RB_OS0_P_Sensor-on

DUT: ES170719047E

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: B2600_0801 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.113$ S/m; $\epsilon_r = 52.64$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.57, 7.57, 7.57); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (151x231x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.524 W/kg

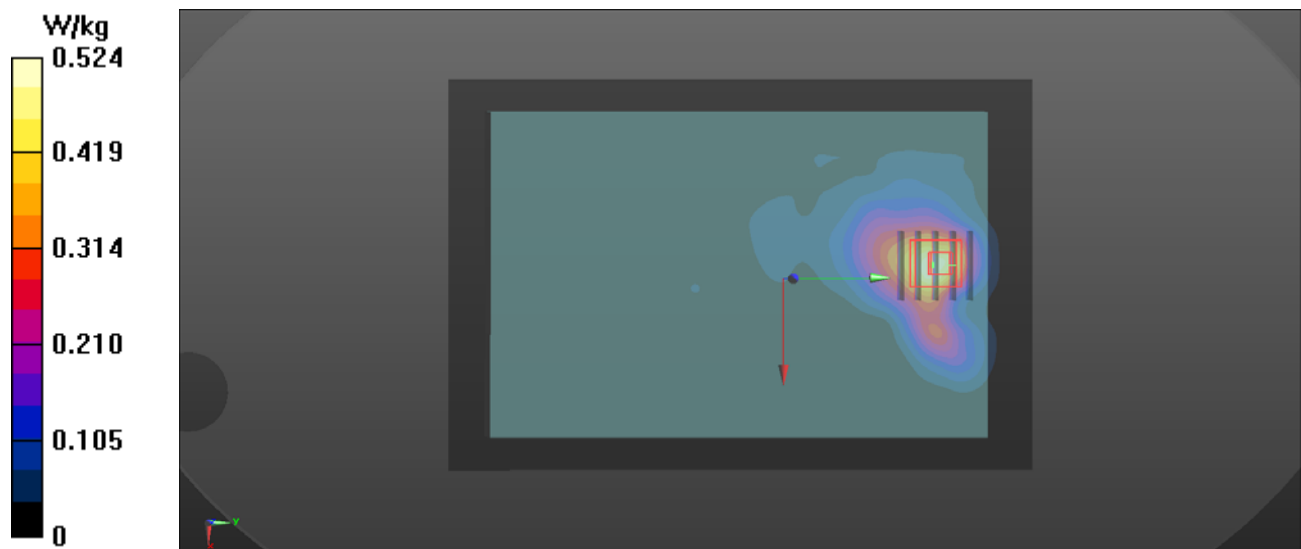
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.970 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.666 W/kg

SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.522 W/kg



P07 LTE 12_QPSK10M_Rear Face_0cm_Ch23095_1RB_OS0_P_Sensor-on

DUT: ES170719047E

Communication System: LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium: B750_0814 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 55.608$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(10.05, 10.05, 10.05); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.525 W/kg

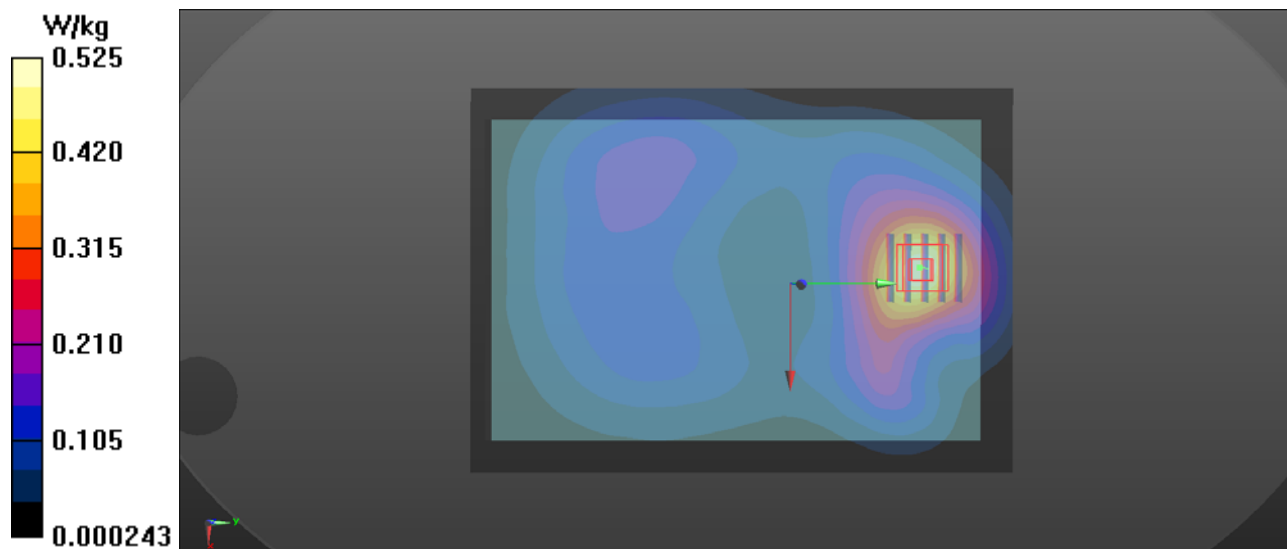
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.196 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.651 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.532 W/kg



P08 LTE 13_QPSK10M_Rear Face_0cm_Ch23230_1RB_OS0_P_Sensor-on

DUT: ES170719047E

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: B750_0814 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.993 \text{ S/m}$; $\epsilon_r = 54.945$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.1 \text{ }^\circ\text{C}$; Liquid Temperature : $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(10.05, 10.05, 10.05); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (121x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.339 W/kg

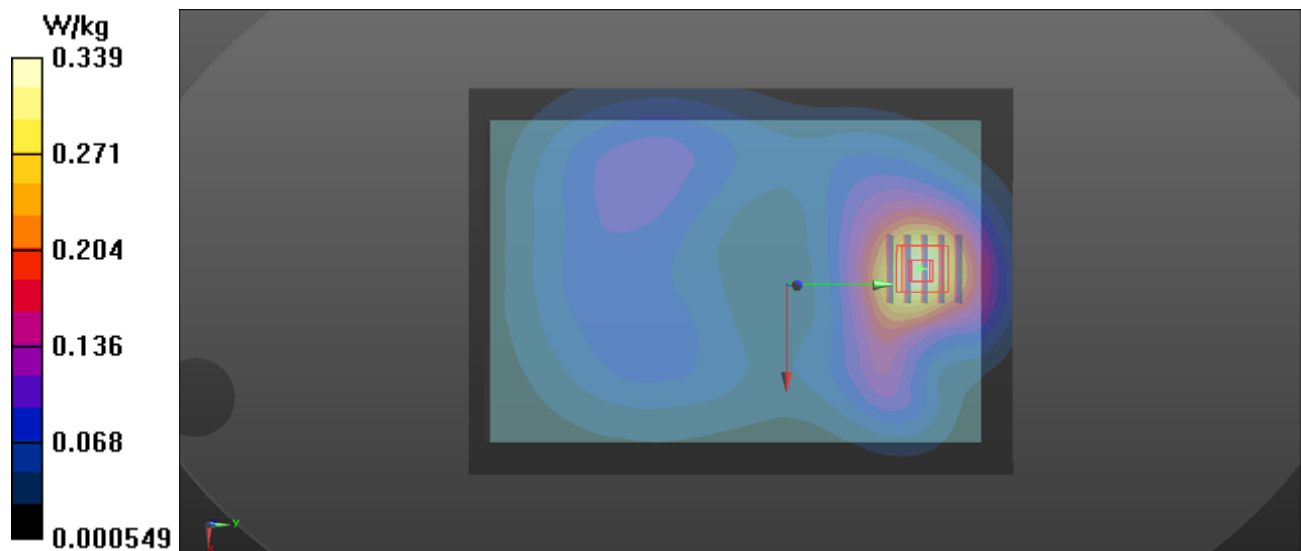
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.684 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.262 W/kg ; SAR(10 g) = 0.165 W/kg

Maximum value of SAR (measured) = 0.369 W/kg



P09 LTE 25_QPSK20M_Rear Face_0cm_Ch26350_1RB_OS0_P_Sensor-on

DUT: ES170719047E

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: B1900_0817 Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.504$ S/m; $\epsilon_r = 53.741$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22. °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(8.17, 8.17, 8.17); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

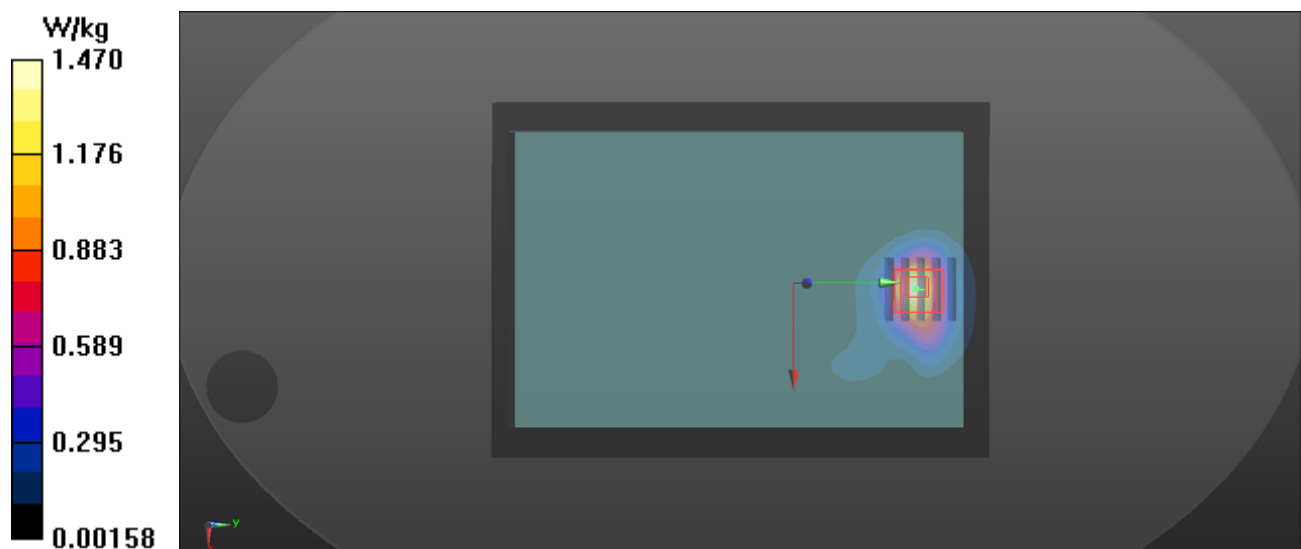
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.724 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.584 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



P10 LTE 26_QPSK15M_Rear Face_0cm_Ch26915_1RB_OS0_P_Sensor-on

DUT: ES170719047E

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: B835_0815 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 55.141$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(9.94, 9.94, 9.94); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.300 W/kg

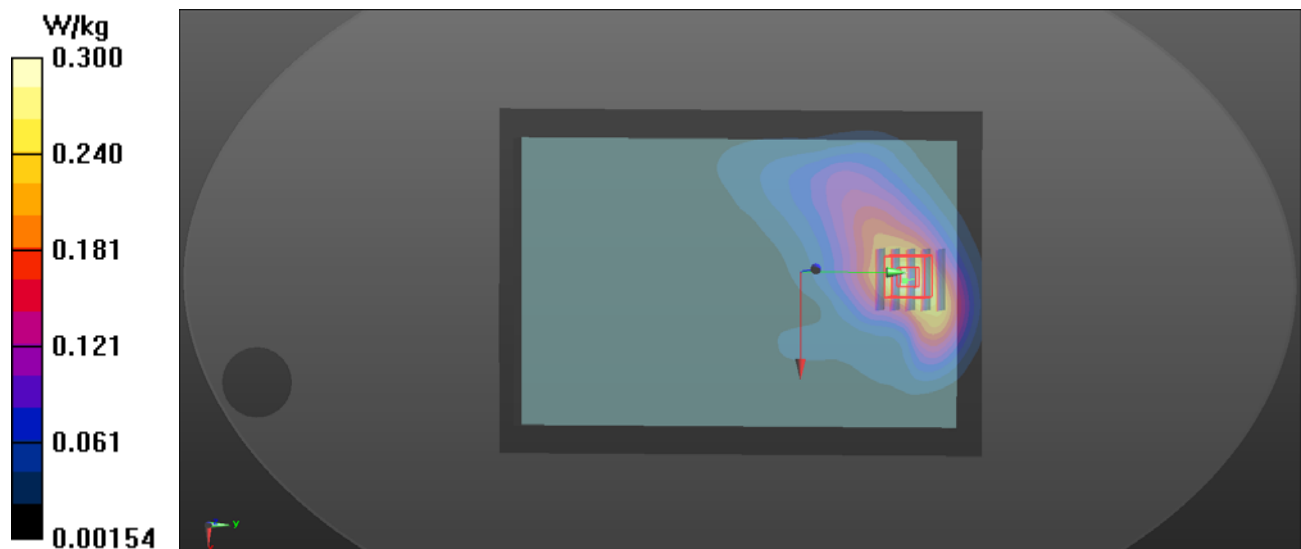
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.301 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.146 W/kg

Maximum value of SAR (measured) = 0.323 W/kg



P12 LTE 30_QPSK10M_Rear Face_0cm_Ch27710_1RB_OS0_P_Sensor-on

DUT: ES170719047E

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: B2300_0806 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.812$ S/m; $\epsilon_r = 52.616$; $\rho =$

1000 kg/m^3

Ambient Temperature : 23.4°C ; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.9, 7.9, 7.9); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (151x231x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.551 W/kg

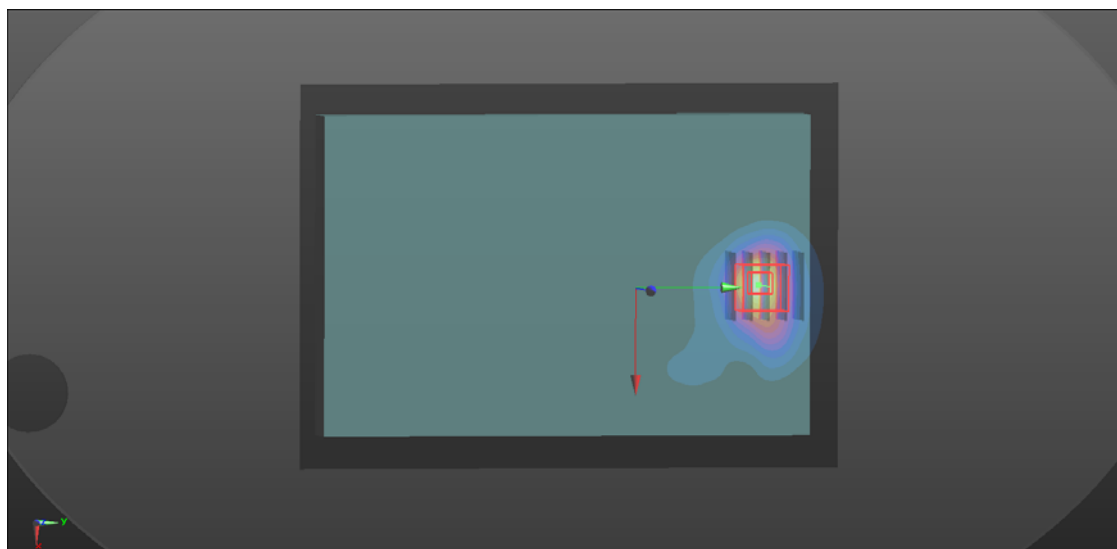
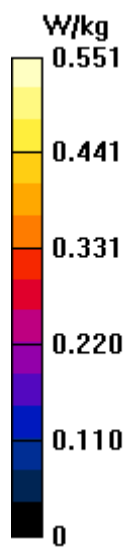
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.416 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.332 W/kg ; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.544 W/kg



P12 LTE 41_QPSK20M_Rear Face_0cm_Ch41490_1RB_OS0_P_Sensor-on

DUT: ES170719047E

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

Medium: B2600_0801 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.308$ S/m; $\epsilon_r = 52.182$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.41, 7.41, 7.41); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (151x231x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.149 W/kg

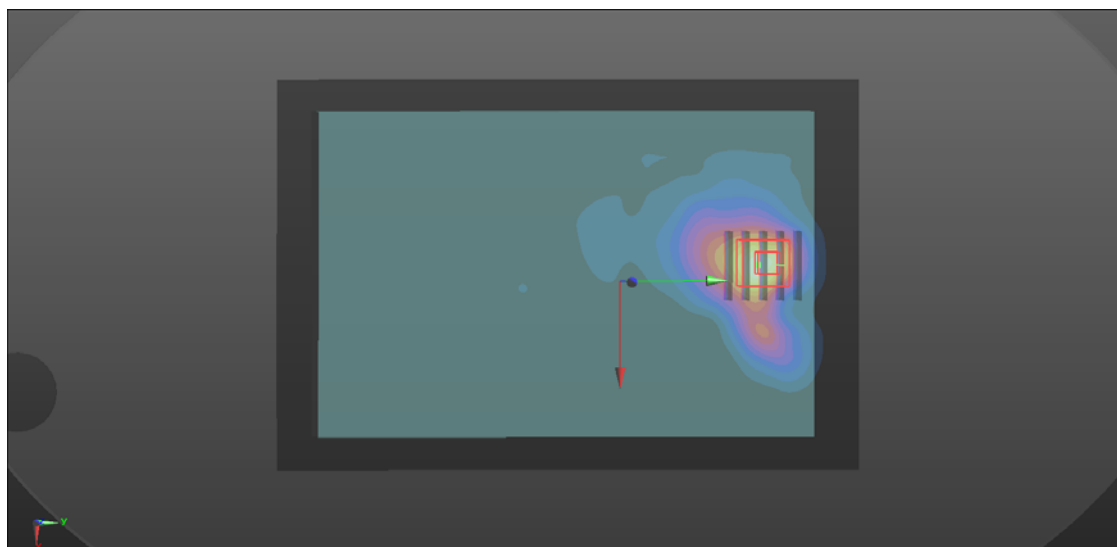
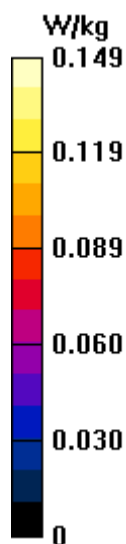
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.708 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.136 W/kg



P13 802.11b_Bottom Side_0cm_Ch6_Antenna 1

DUT: ES170719047

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: B2450_0828 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 53.098$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.57, 7.57, 7.57); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x211x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.373 W/kg

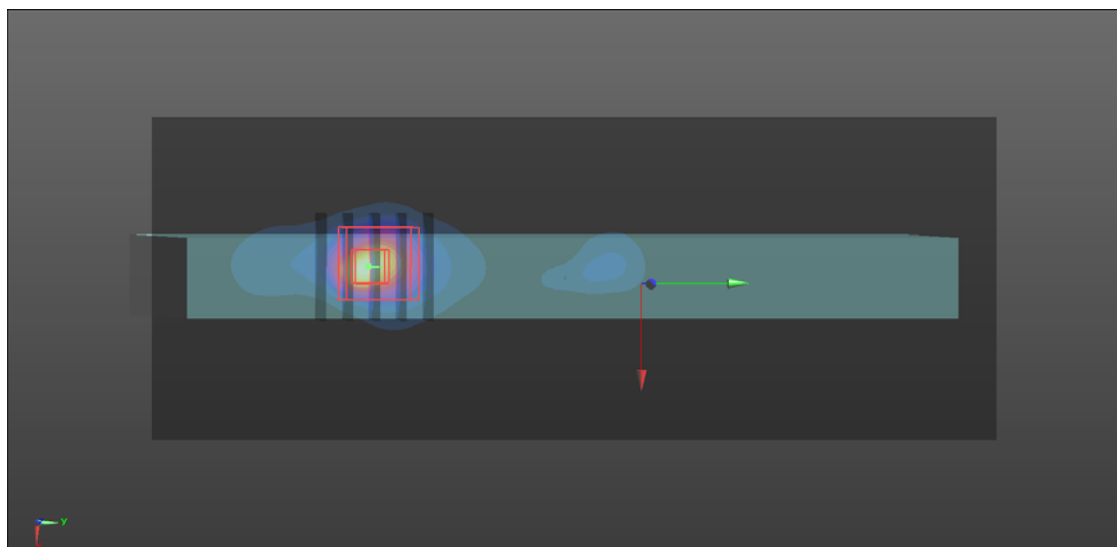
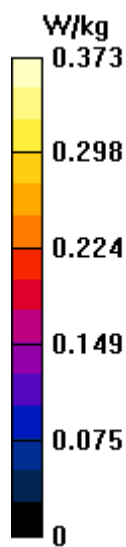
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.814 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.466 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.367 W/kg



P14 802.11a_Bottom Side_0cm_Ch52_Antenna 1

DUT: ES170719047

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

Medium: B5G_0824 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.38$ S/m; $\epsilon_r = 50.761$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.75, 4.75, 4.75); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x281x1):** Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.844 W/kg

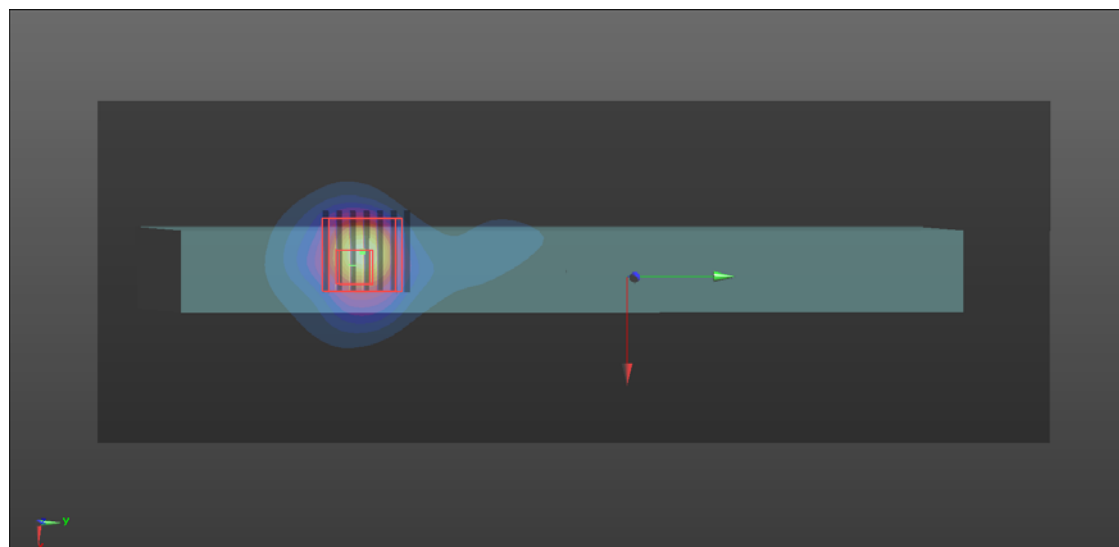
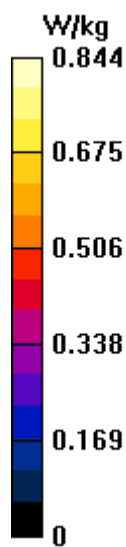
- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.860 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.20 W/kg

SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



P15 802.11a_Bottom Side_0cm_Ch100_Antenna 1

DUT: ES170719047

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

Medium: B5G_0824 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.686$ S/m; $\epsilon_r = 50.476$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.43, 4.43, 4.43); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x281x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.45 W/kg

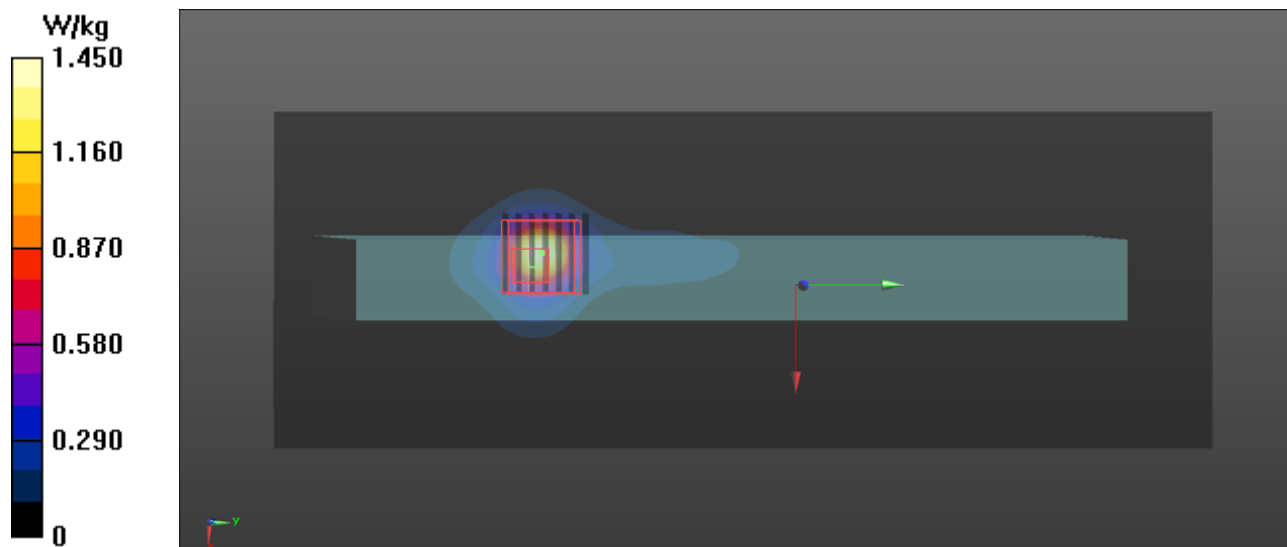
- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.890 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 4.71 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 2.28 W/kg



P16 802.11a_Bottom Side_0cm_Ch157_Antenna 0**DUT: ES170719047**

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

Medium: B5G_0824 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.127$ S/m; $\epsilon_r = 49.774$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.34, 4.34, 4.34); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x281x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.86 W/kg

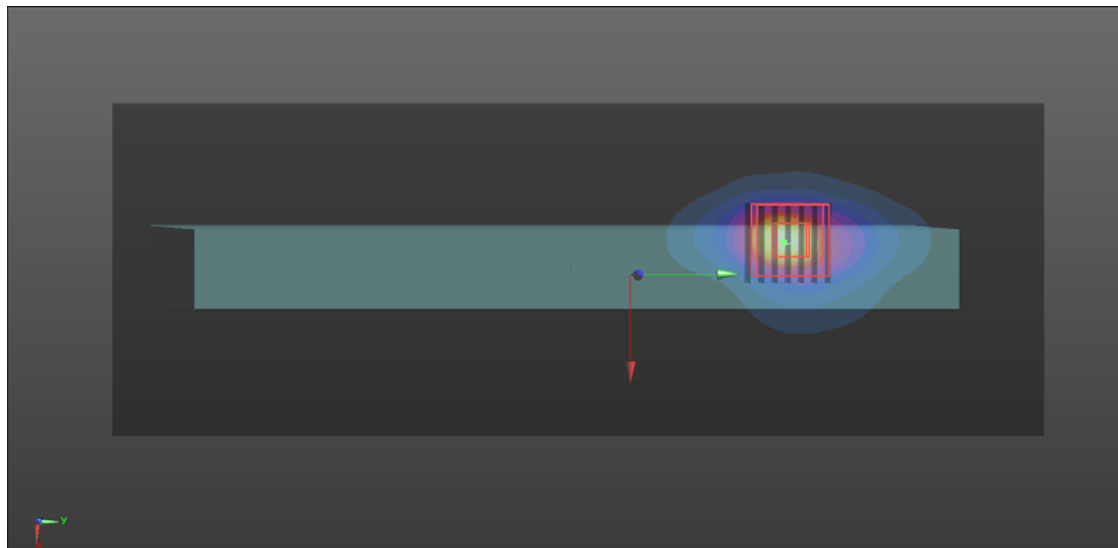
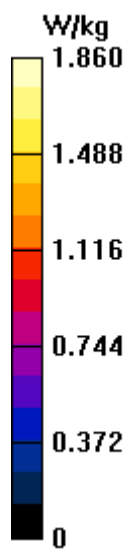
- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.657 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.08 W/kg

SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 1.97 W/kg



P17_BT_GMSK_Bottom Side_0cm_Ch78

DUT: ES170719047

Communication System: BT; Frequency: 2480 MHz; Duty Cycle: 1:2.14

Medium: B2450_0828 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.858$ S/m; $\epsilon_r = 37.449$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.63, 7.63, 7.63); Calibrated: 2016/09/07;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 2016/09/05
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (81x211x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0898 W/kg

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

Reference Value = 5.682 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0970 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0775 W/kg

