Appendix B. SAR Plots of SAR Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination, and measured SAR > 1.5 W/kg are shown as follows.

P01 GSM850_GPRS10_Right Cheek_Ch128_Sample1_Ant1

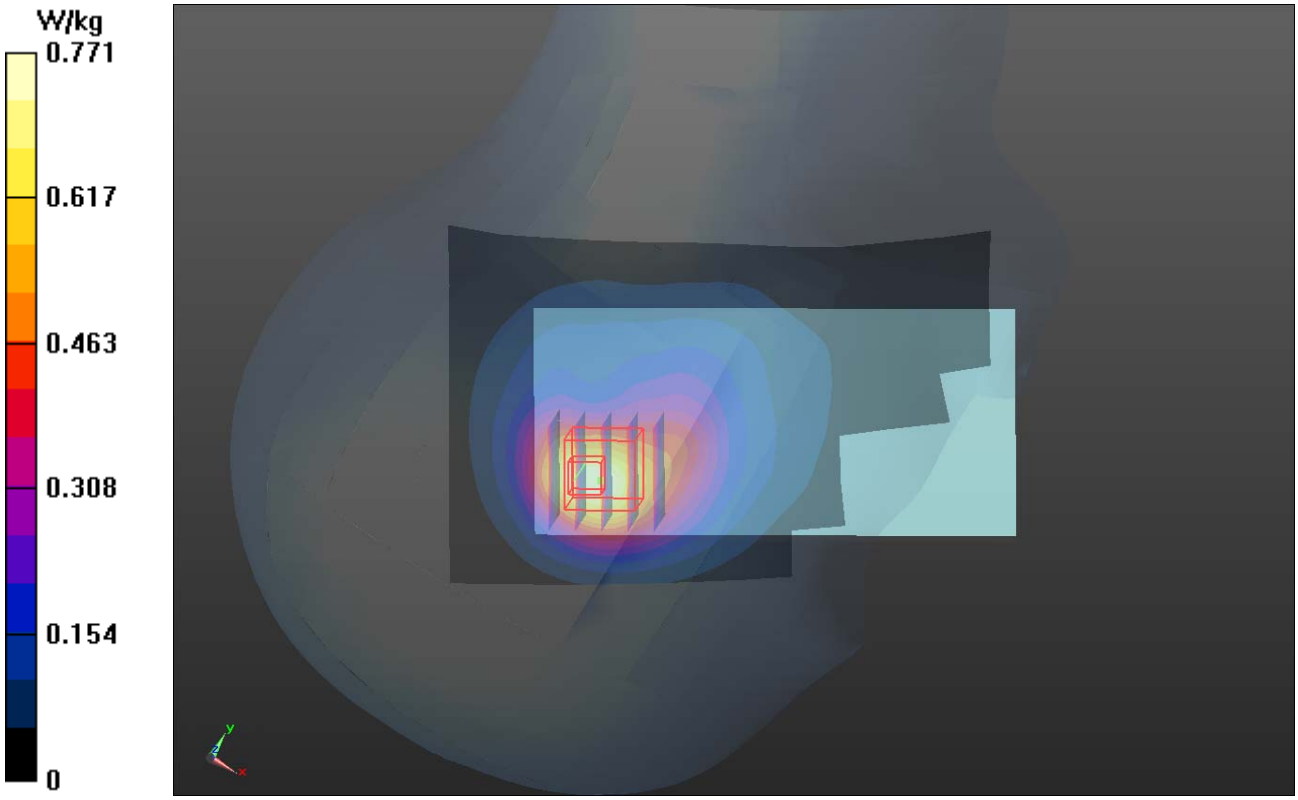
DUT: 131204C32

Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: H835_0103 Medium parameters used: f = 824.2 MHz; σ = 0.878 S/m; ε_r = 43.014; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.96, 9.96, 9.96); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.771 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.874 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.905 W/kg
SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.361 W/kg
Maximum value of SAR (measured) = 0.748 W/kg



P02 GSM1900_GPRS10_Right Cheek_Ch661_Sample1_Ant1

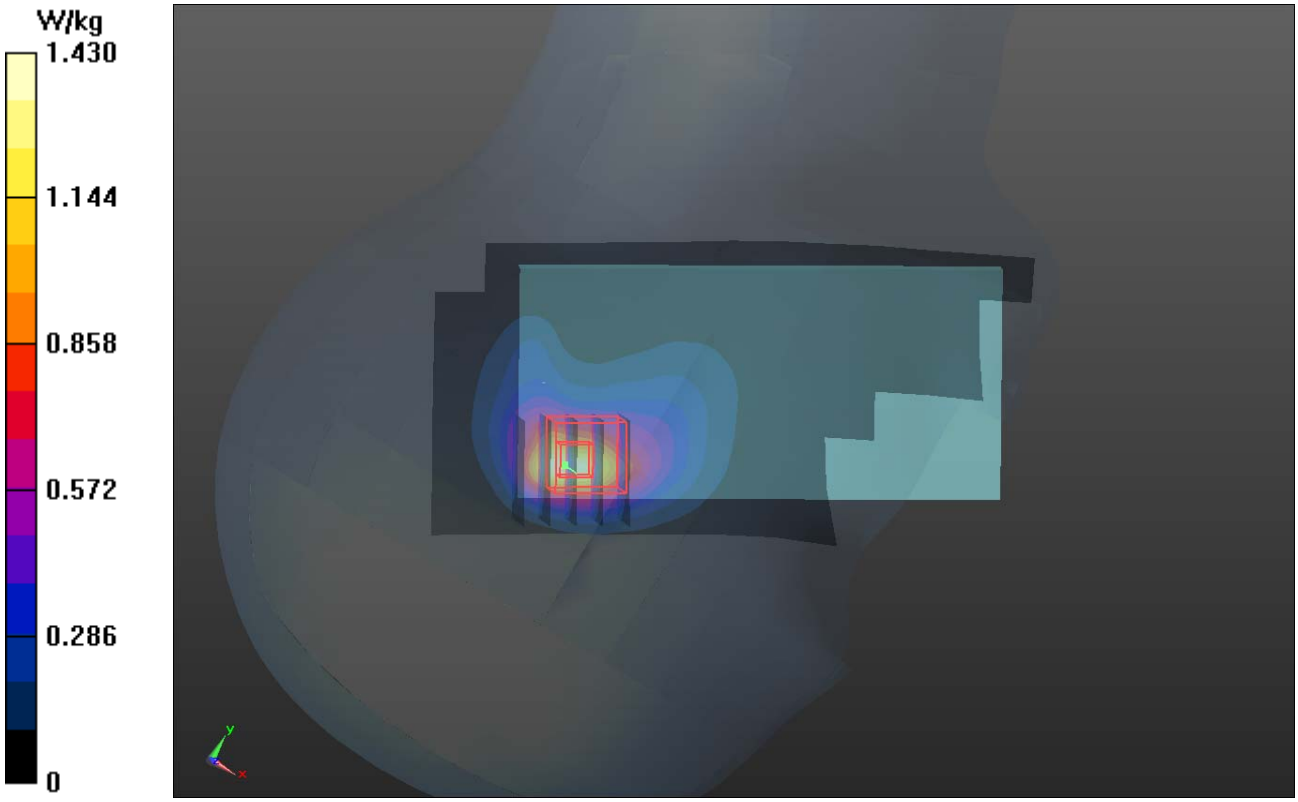
DUT: 131204C32

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: H1900_0102 Medium parameters used: f = 1880 MHz; σ = 1.402 S/m; ε_r = 40.48; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(8.2, 8.2, 8.2); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.43 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.669 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.486 W/kg
Maximum value of SAR (measured) = 1.23 W/kg



P03 WCDMA II_RMC12.2K_Right Cheek_Ch9262_Sample1_Ant1

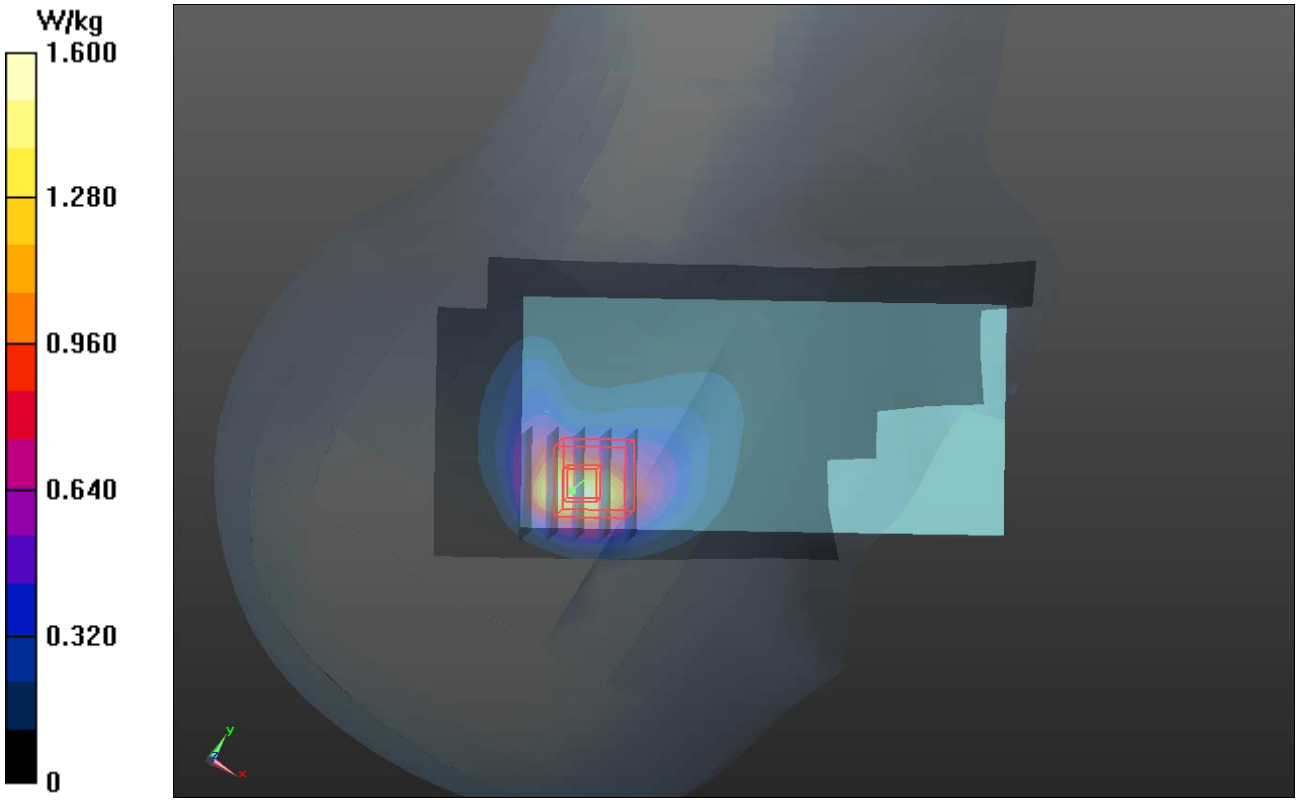
DUT: 131204C32

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: H1900_0102 Medium parameters used: f = 1852.4 MHz; σ = 1.37 S/m; ε_r = 40.633; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(8.2, 8.2, 8.2); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.60 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.472 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.550 W/kg
Maximum value of SAR (measured) = 1.37 W/kg



P04 WCDMA IV_RMC12.2K_Right Cheek_Ch1513_Sample1_Ant1

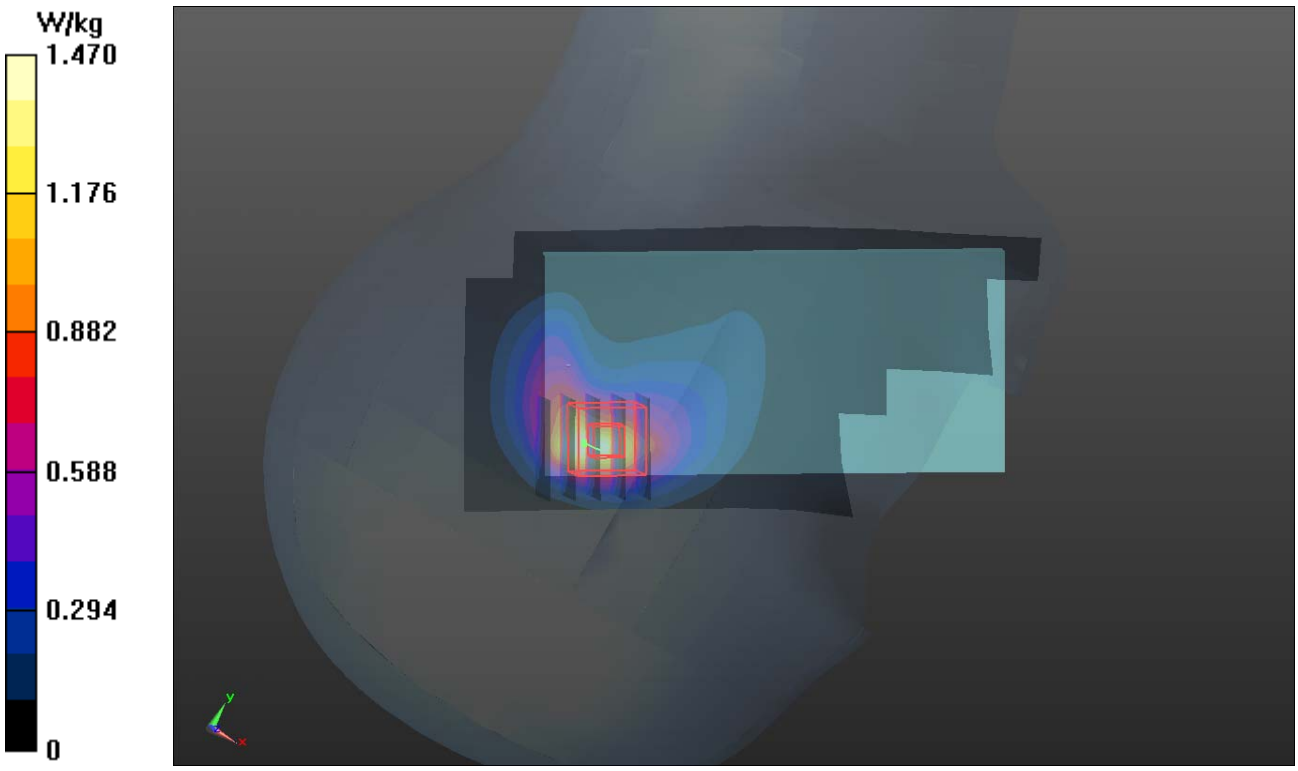
DUT: 131204C32

Communication System: WCDMA; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: H1750_0103 Medium parameters used: f = 1753 MHz; σ = 1.359 S/m; ε_r = 40.563; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(8.49, 8.49, 8.49); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (61x121x1): 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 = 17.135 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.910 W/kg; SAR(10 g) = 0.508 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



P05 WCDMA V_RMC12.2K_Right Cheek_Ch4182_Sample1_Ant1

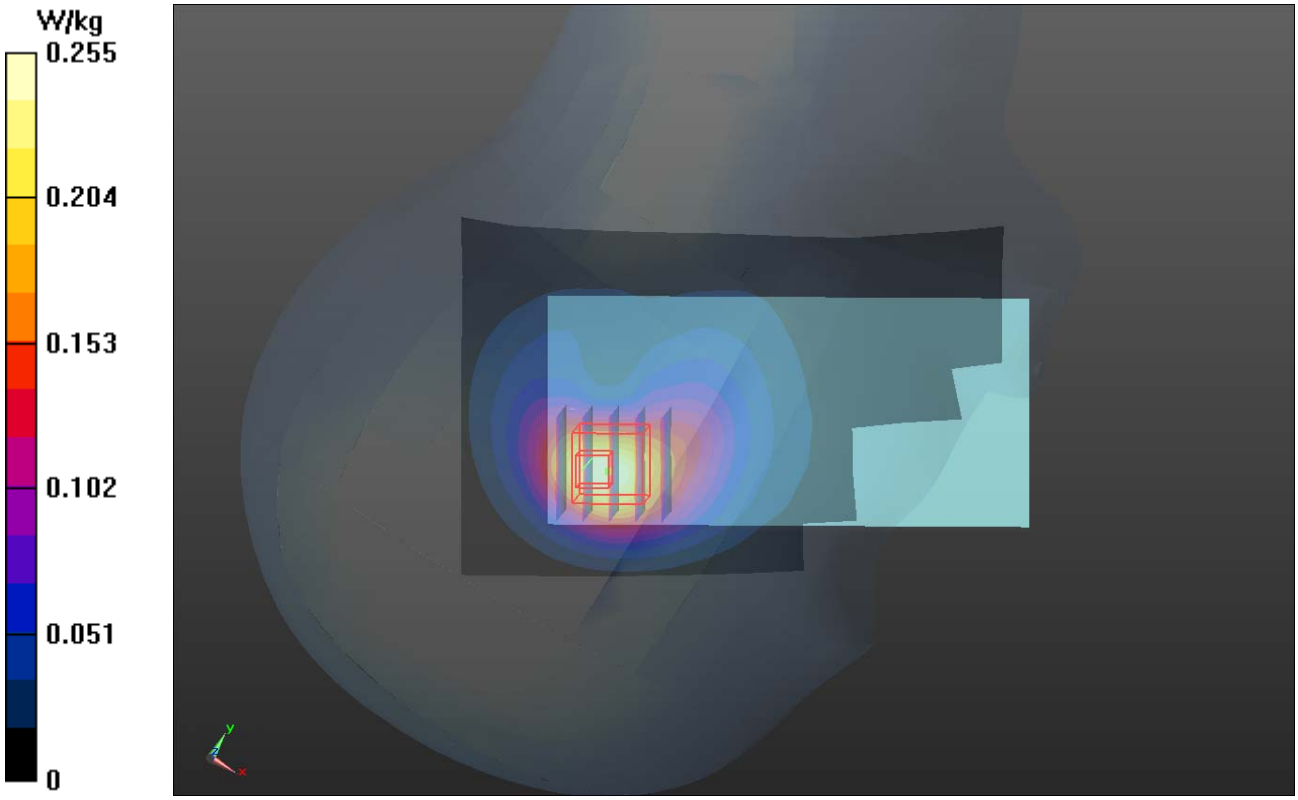
DUT: 131204C32

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: H835_0103 Medium parameters used: f = 836.4 MHz; σ = 0.891 S/m; ε_r = 42.876; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.96, 9.96, 9.96); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.255 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.475 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.327 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.259 W/kg



P06 LTE 4_QPSK_20M_Right Cheek_Ch20175_Sample1_Ant1_1RB_OS50

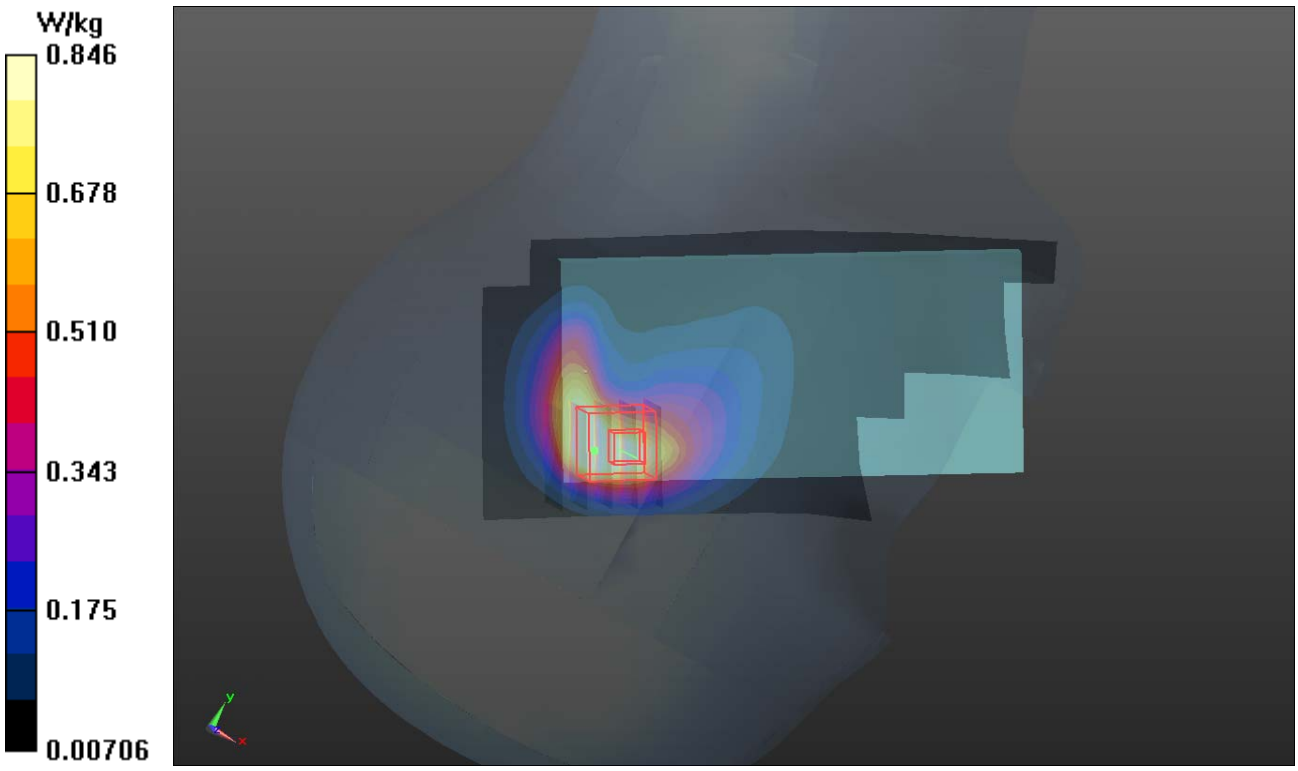
DUT: 131204C32

Communication System: LTE 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: H1750_0103 Medium parameters used: f = 1732.5 MHz; σ = 1.338 S/m; ε_r = 40.663; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃； Liquid Temperature：20.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(8.49, 8.49, 8.49); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.695 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.357 W/kg
Maximum value of SAR (measured) = 0.846 W/kg



P07 LTE 7_QPSK_20M_Right Cheek_Ch21350_Sample1_Ant1_1RB_OS50

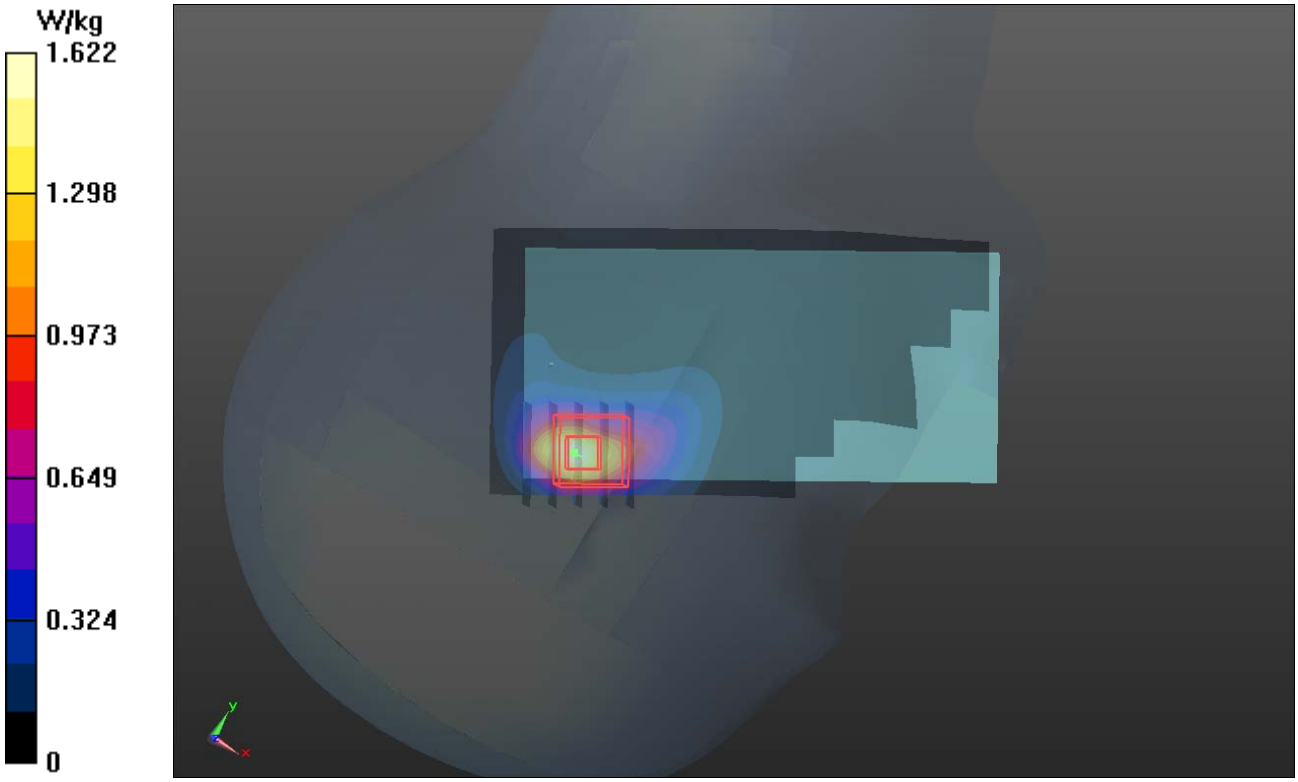
DUT: 131204C32

Communication System: LTE 7; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: H2600_0109 Medium parameters used: f = 2560 MHz; σ = 2.001 S/m; ε_r = 37.928; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.62 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.912 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.20 W/kg
SAR(1 g) = 0.999 W/kg; SAR(10 g) = 0.455 W/kg
Maximum value of SAR (measured) = 1.54 W/kg



P08 LTE 17_QPSK_10M_Right Cheek_Ch23800_Sample1_Ant1_1RB_OS24

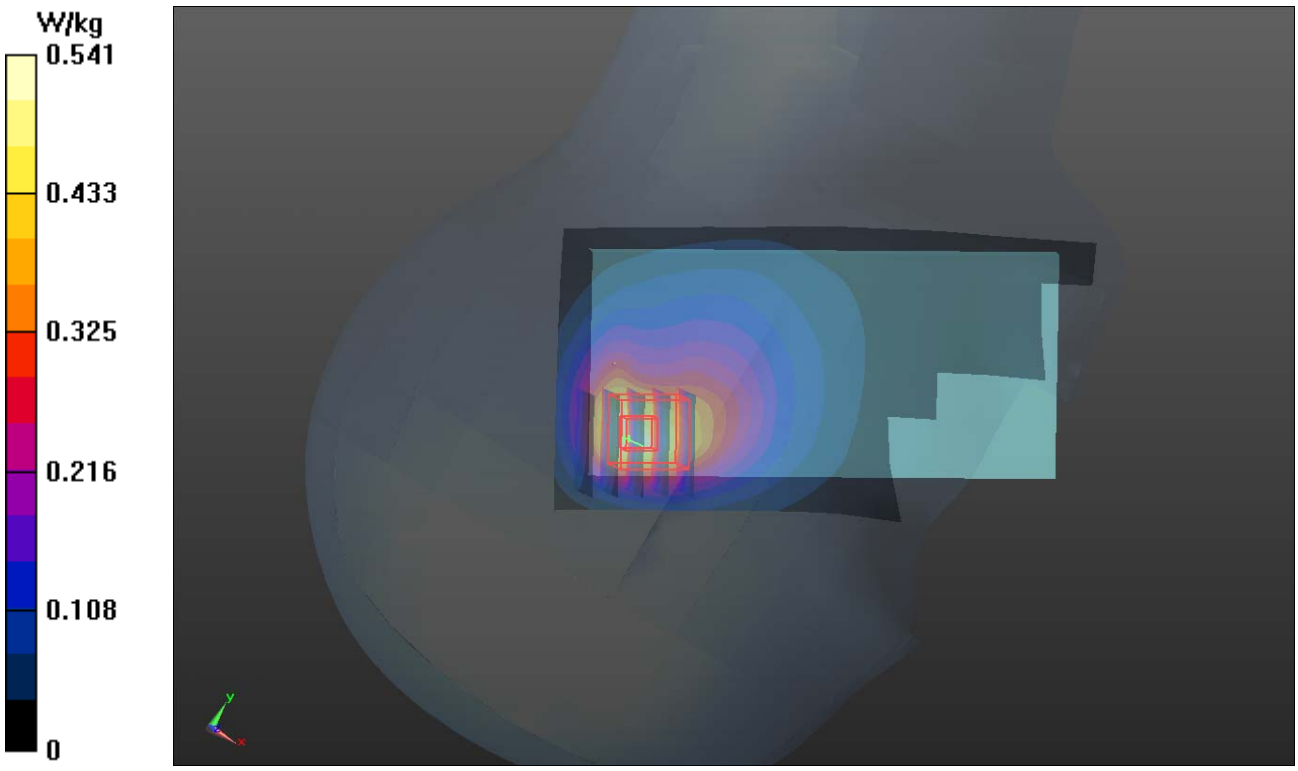
DUT: 131204C32

Communication System: LTE 17; Frequency: 711 MHz;Duty Cycle: 1:1
Medium: H750_0103 Medium parameters used: f = 711 MHz; σ = 0.869 S/m; ε_r = 41.663; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(10.41, 10.41, 10.41); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.541 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.811 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.727 W/kg
SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.248 W/kg
Maximum value of SAR (measured) = 0.547 W/kg



P09 802.11b_Left Cheek_Ch1_Sample1

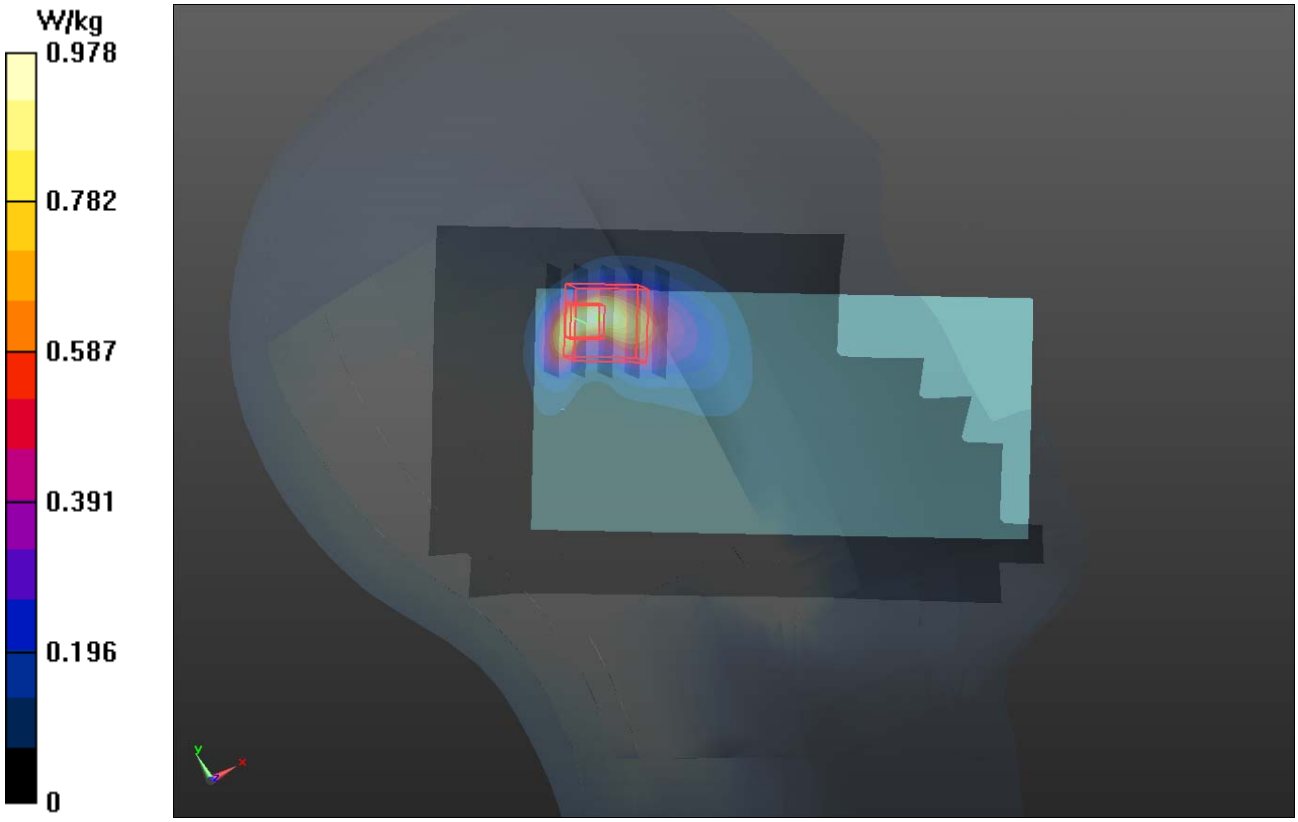
DUT: 131204C32

Communication System: WLAN_2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: H2450_0104 Medium parameters used: f = 2412 MHz; σ = 1.777 S/m; ε_r = 39.004; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(7.47, 7.47, 7.47); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.978 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.762 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.262 W/kg
Maximum value of SAR (measured) = 0.980 W/kg



P10 802.11n_HT20_Left Cheek_Ch36_Sample1

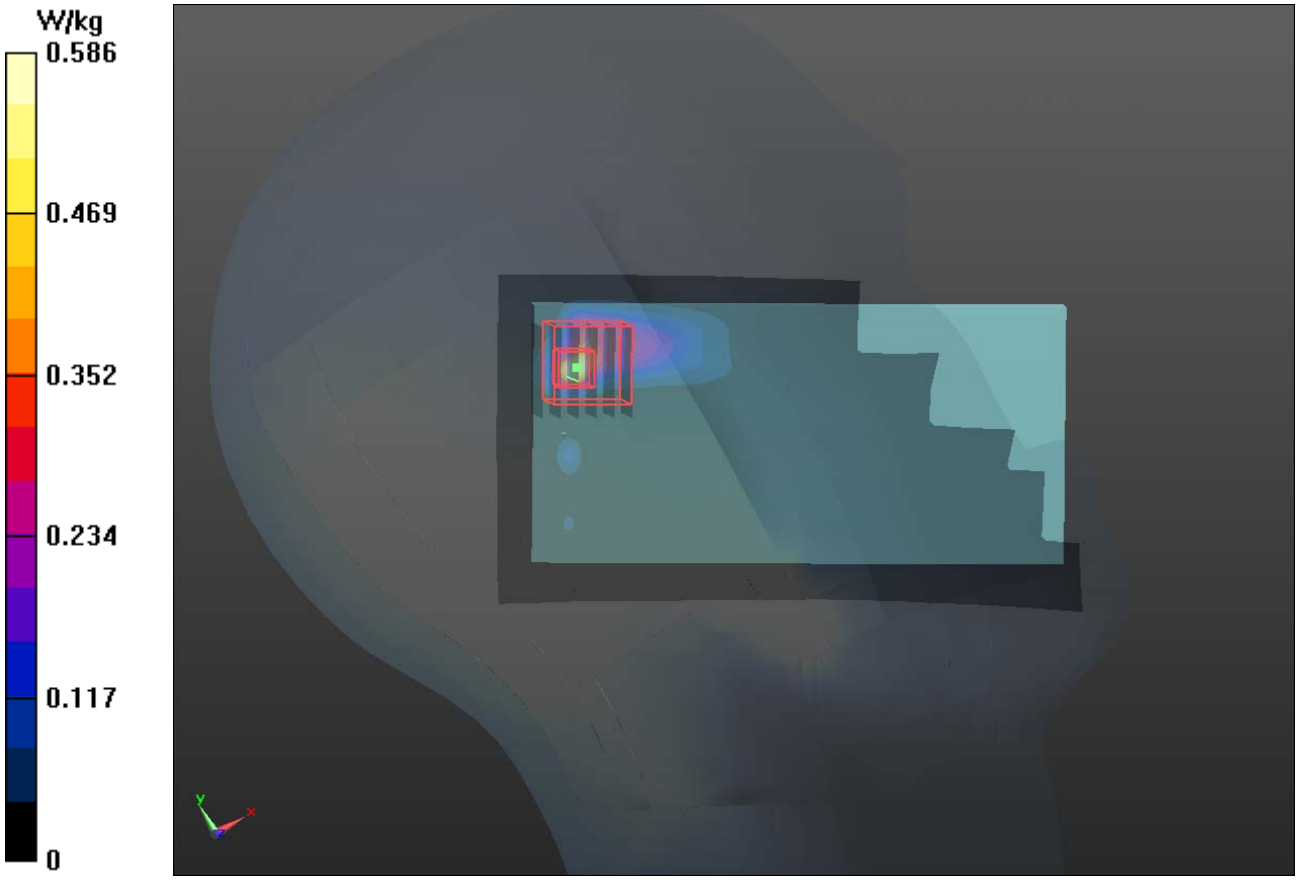
DUT: 131204C32

Communication System: WLAN_5G; Frequency: 5180 MHz;Duty Cycle: 1:1.18
Medium: H5G_0105 Medium parameters used: f = 5180 MHz; σ = 4.771 S/m; ε_r = 35.439; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(5.33, 5.33, 5.33); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (91x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.586 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.738 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.914 W/kg
SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.376 W/kg



P11 802.11a_Left Cheek_Ch52_Sample1

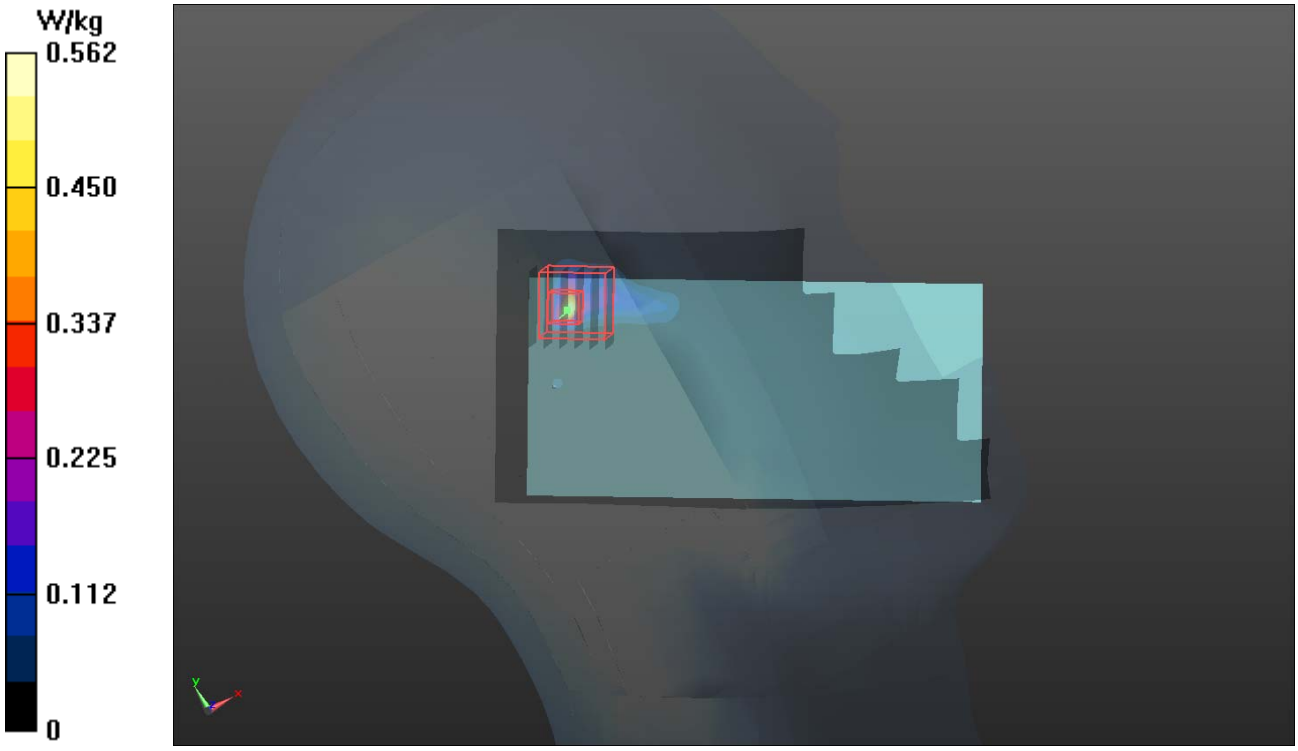
DUT: 131204C32

Communication System: WLAN_5G; Frequency: 5260 MHz;Duty Cycle: 1:1.18
Medium: H5G_0106 Medium parameters used: f = 5260 MHz; σ = 4.923 S/m; ε_r = 35.998; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃； Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(5.13, 5.13, 5.13); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (91x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.562 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 3.291 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.825 W/kg
SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.208 W/kg



P12 802.11n_HT20_Right Cheek_Ch140_Sample1

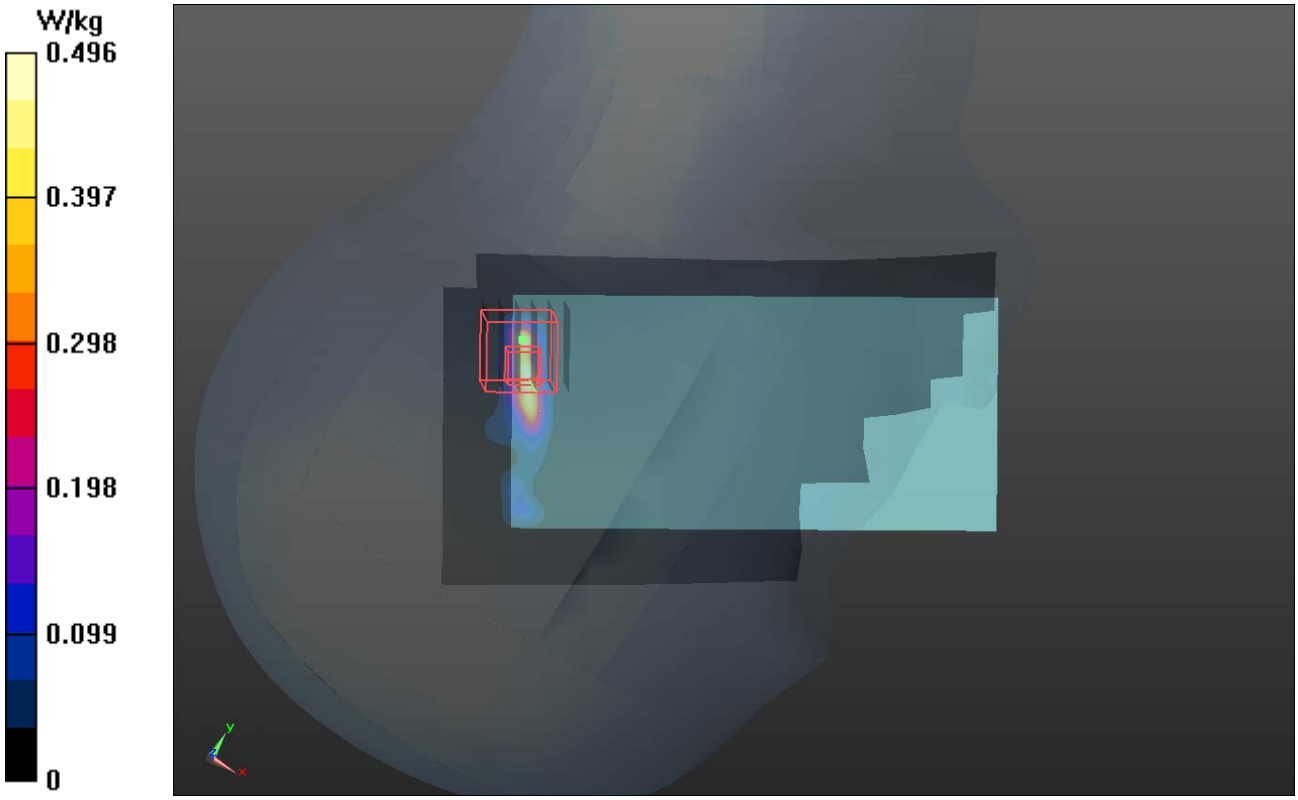
DUT: 131204C32

Communication System: WLAN_5G; Frequency: 5700 MHz;Duty Cycle: 1:1.18
Medium: H5G_0106 Medium parameters used: f = 5700 MHz; σ = 5.413 S/m; ε_r = 35.223; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃； Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(4.67, 4.67, 4.67); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.496 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 5.447 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.459 W/kg
SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (measured) = 0.248 W/kg



P13 802.11a_Left Cheek_Ch157_Sample1

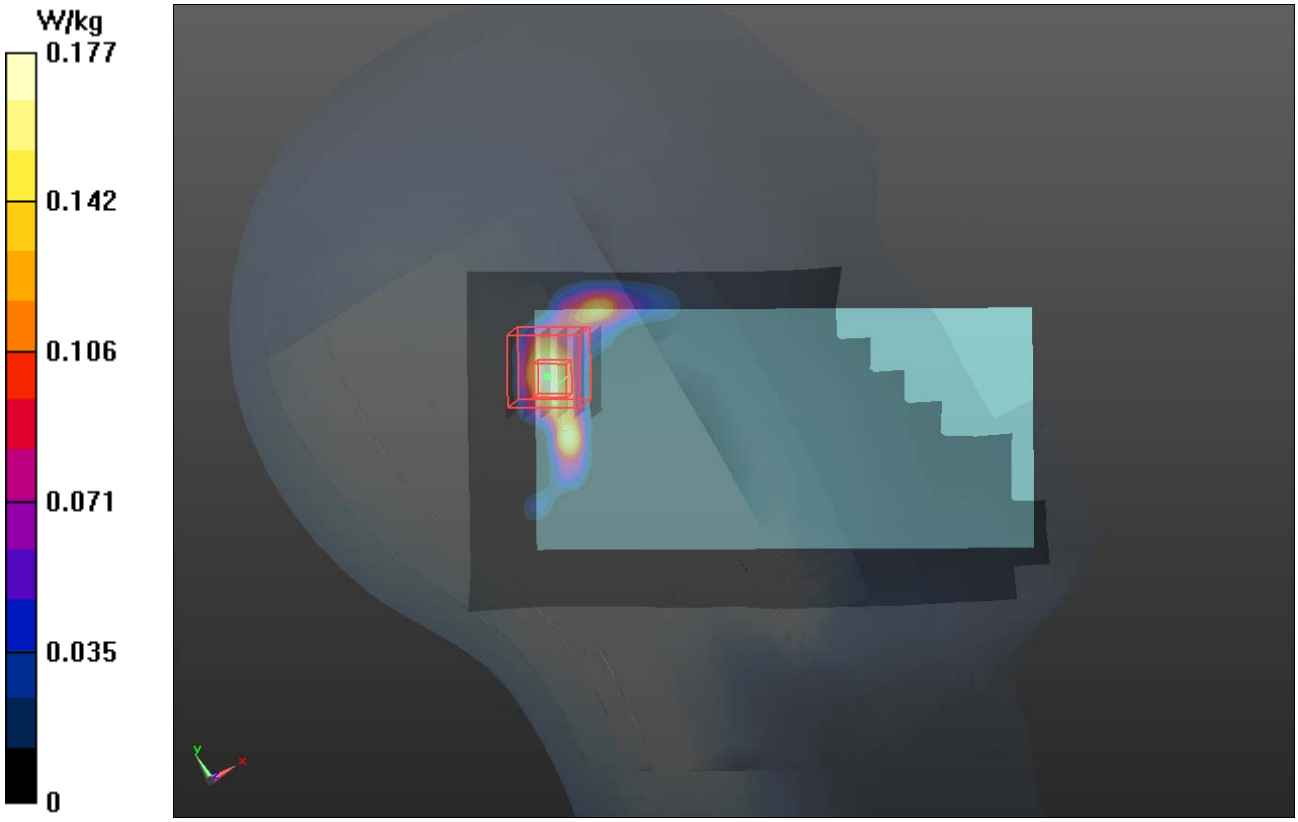
DUT: 131204C32

Communication System: WLAN_5G; Frequency: 5785 MHz;Duty Cycle: 1:1.18
Medium: H5G_0106 Medium parameters used: f = 5785 MHz; σ = 5.507 S/m; ε_r = 35.07; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃； Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(4.67, 4.67, 4.67); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.177 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 5.561 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.722 W/kg
SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.266 W/kg



P14 GSM850_GPRS10_Rear Face_1cm_Ch128_Sample1_Ant0

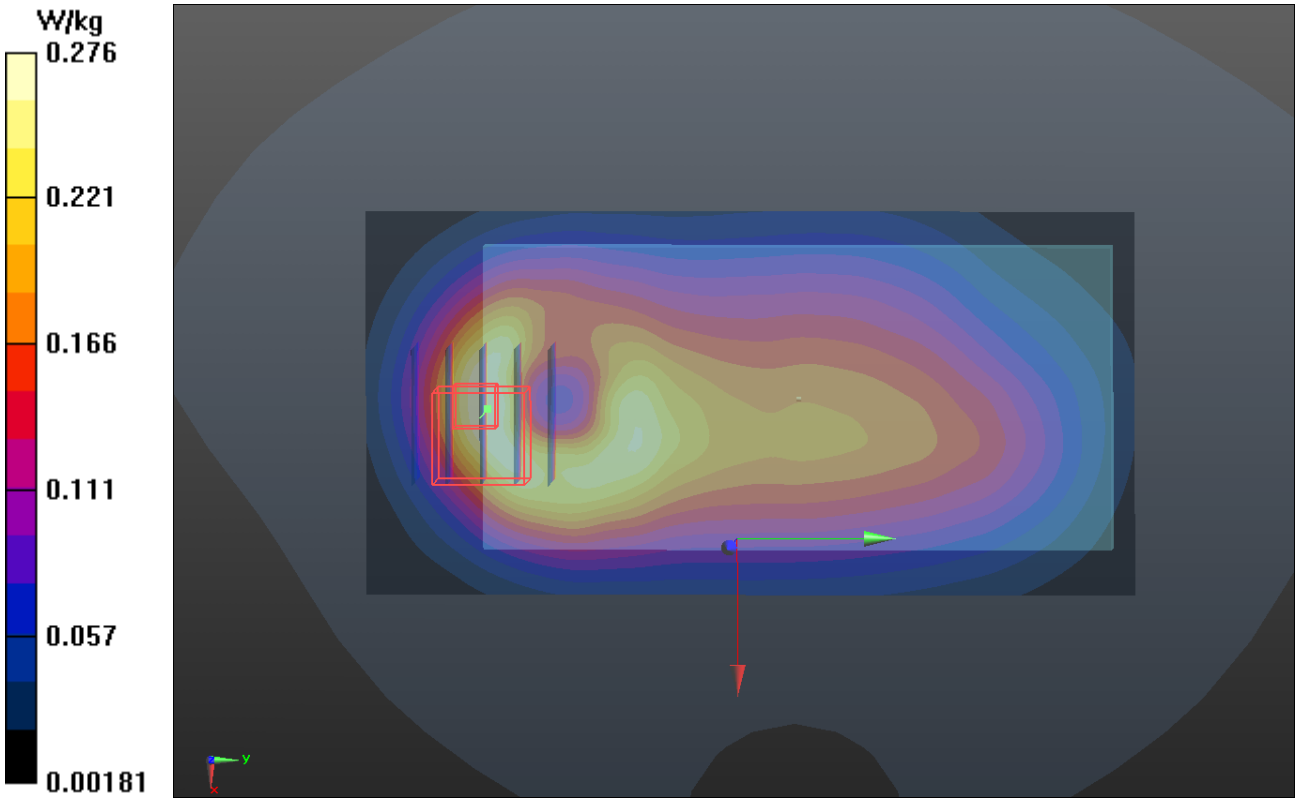
DUT: 131204C32

Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: B835_1226 Medium parameters used: f = 824.2 MHz; σ = 0.987 S/m; ε_r = 56.783; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(10.14, 10.14, 10.14); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.276 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.929 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.345 W/kg
SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.123 W/kg
Maximum value of SAR (measured) = 0.282 W/kg



P15 GSM1900_GPRS10_Front Face_1cm_Ch661_Sample1_Ant0

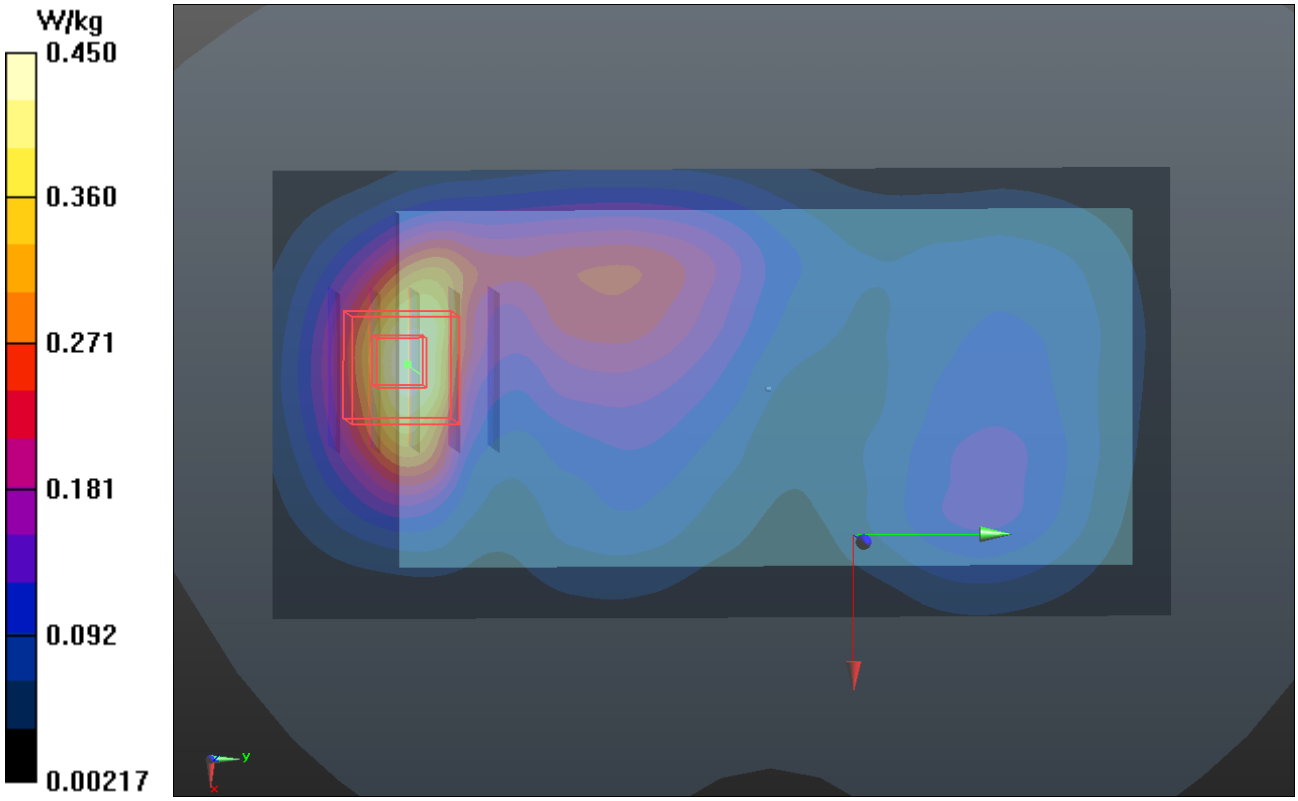
DUT: 131204C32

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: B1900_1227 Medium parameters used: f = 1880 MHz; σ = 1.533 S/m; ε_r = 53.495; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.450 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.835 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.599 W/kg
SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.192 W/kg
Maximum value of SAR (measured) = 0.397 W/kg



P16 WCDMA II_RMC12.2K_Front Face_1cm_Ch9262_Sample1_Ant0

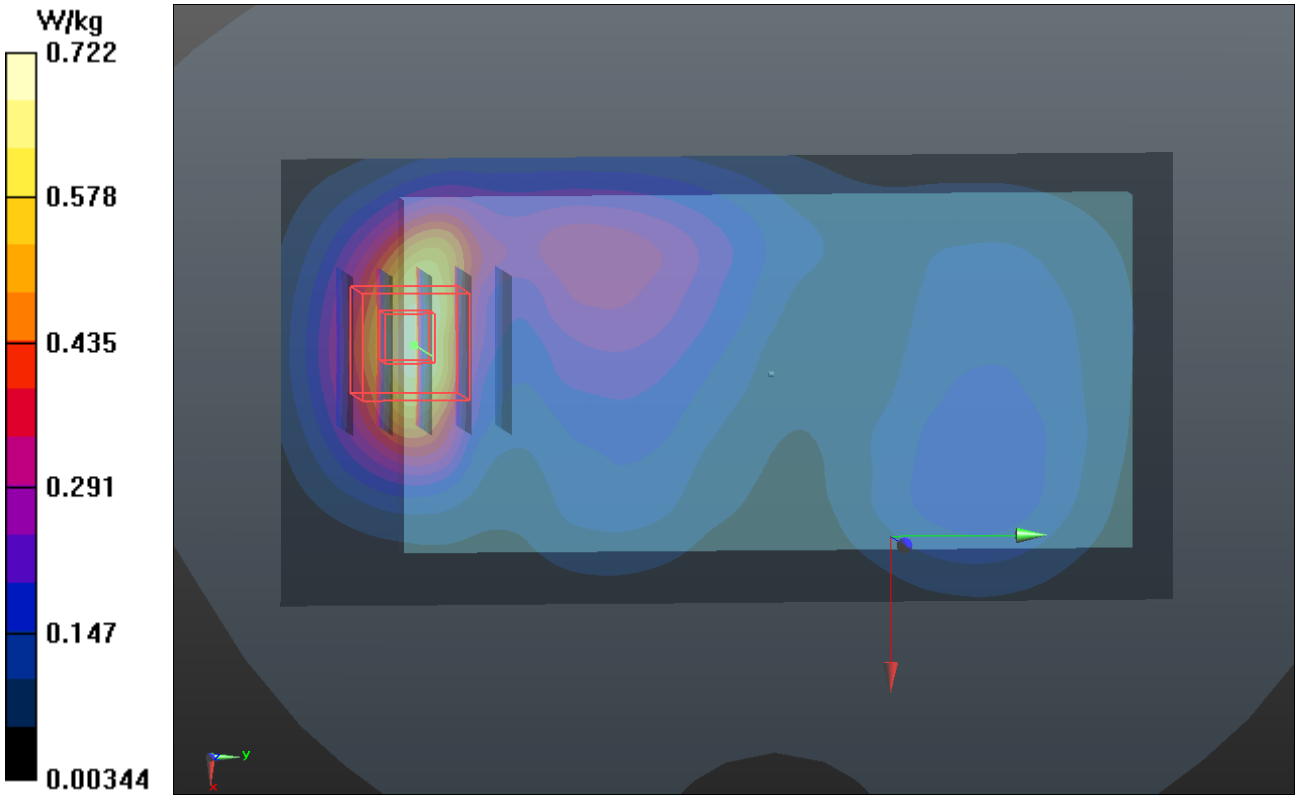
DUT: 131204C32

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_1227 Medium parameters used: f = 1852.4 MHz; σ = 1.499 S/m; ε_r = 53.594; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.722 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.378 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.928 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.306 W/kg
Maximum value of SAR (measured) = 0.622 W/kg



P17 WCDMA IV_RMC12.2k_Rear Face_1cm_Ch1413_Sample1_Ant0

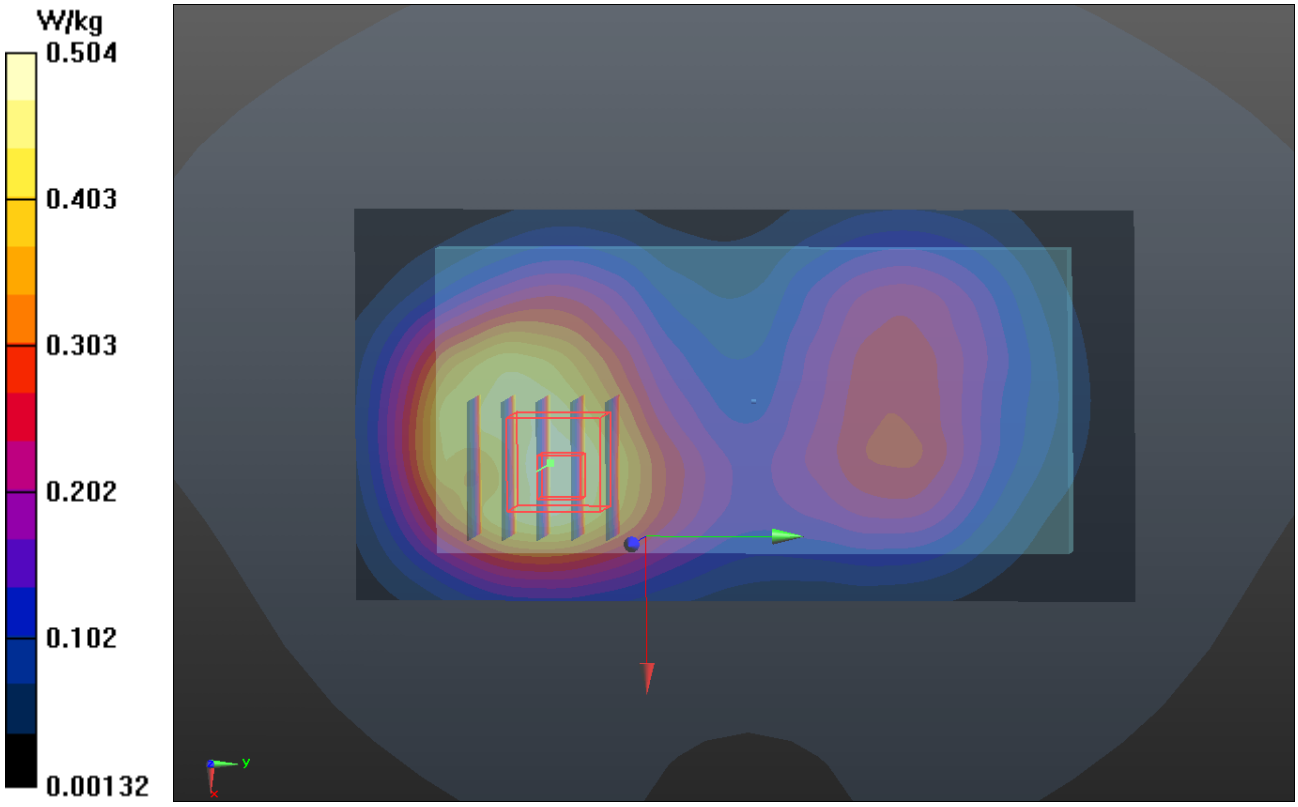
DUT: 131204C32

Communication System: WCDMA; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: B1750_0103 Medium parameters used: f = 1733 MHz; σ = 1.48 S/m; ε_r = 52.446; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(8.1, 8.1, 8.1); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.504 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.489 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.577 W/kg
SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.267 W/kg
Maximum value of SAR (measured) = 0.491 W/kg



P18 WCDMA V_RMC12.2K_Front Face_1cm_Ch4182_Sample1_Ant0

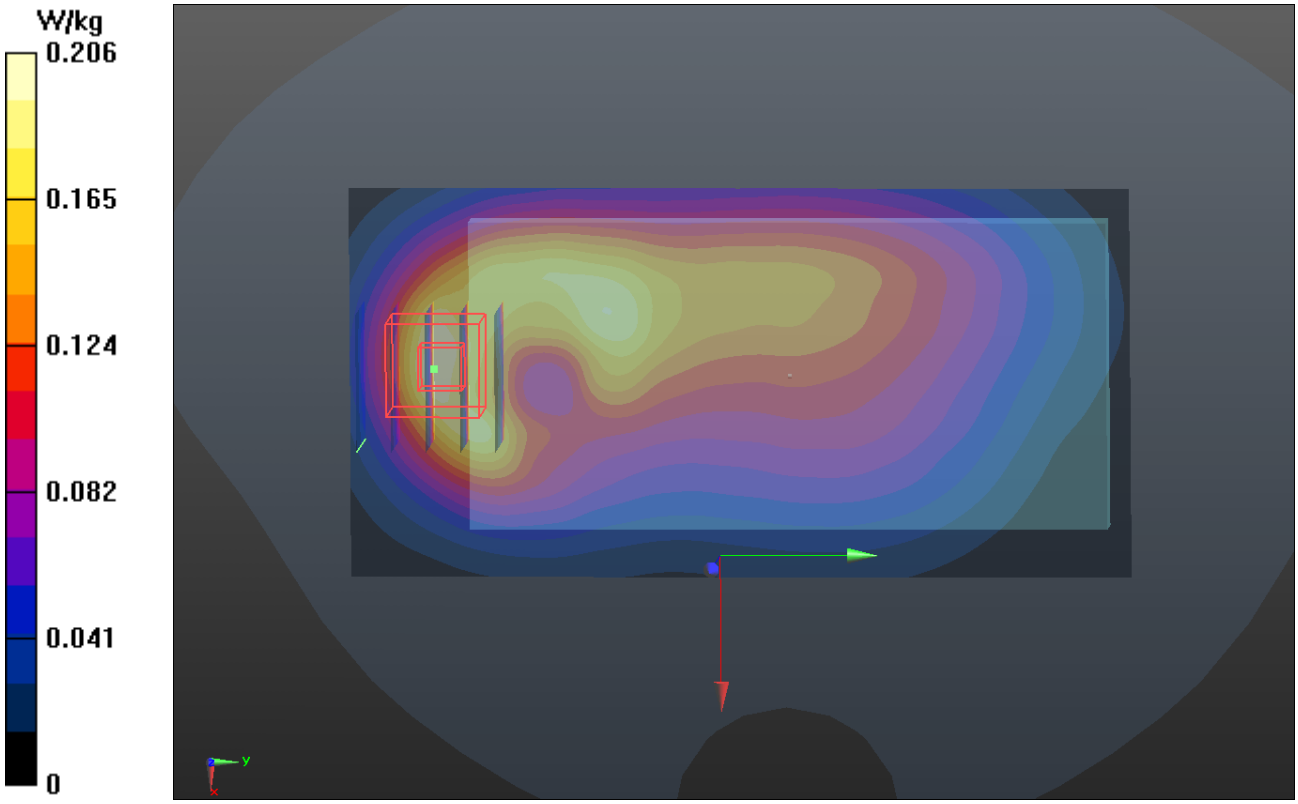
DUT: 131204C32

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_1226 Medium parameters used: f = 836.4 MHz; σ = 1 S/m; ε_r = 56.665; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(10.14, 10.14, 10.14); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.206 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.841 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.290 W/kg
SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.102 W/kg
Maximum value of SAR (measured) = 0.225 W/kg



P19 LTE 4_QPSK_20M_Rear Face_1cm_Ch20175_Sample1_Ant0_1RB_OS50

DUT: 131204C32

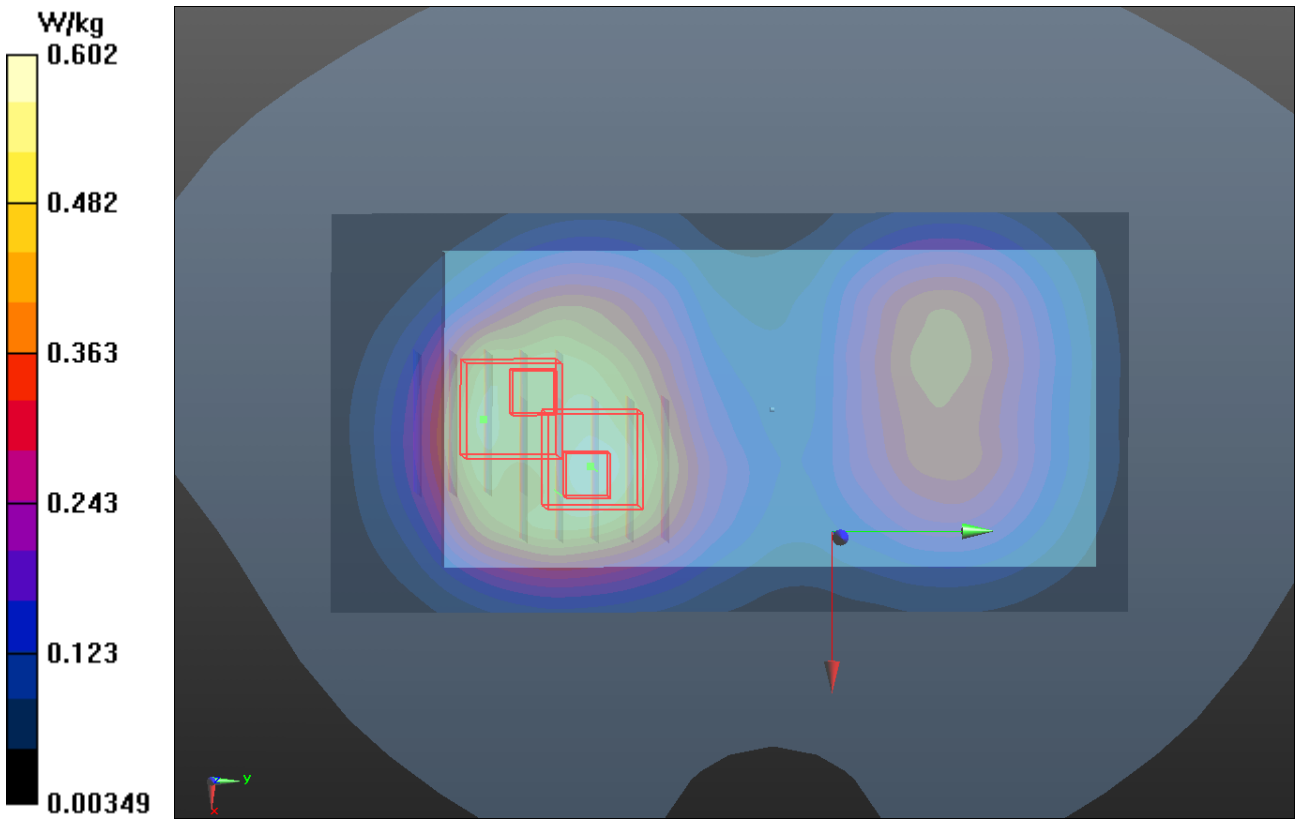
Communication System: LTE 4; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_1227 Medium parameters used: f = 1732.5 MHz; σ = 1.466 S/m; ε_r = 52.151; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(8.1, 8.1, 8.1); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.602 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.408 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.692 W/kg
SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.326 W/kg
Maximum value of SAR (measured) = 0.594 W/kg

- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.408 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.666 W/kg
SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.265 W/kg
Maximum value of SAR (measured) = 0.566 W/kg



P20 LTE 7_QPSK_20M_Front Face_1cm_Ch21100_Sample1_Ant0_1RB_OS50

DUT: 131204C32

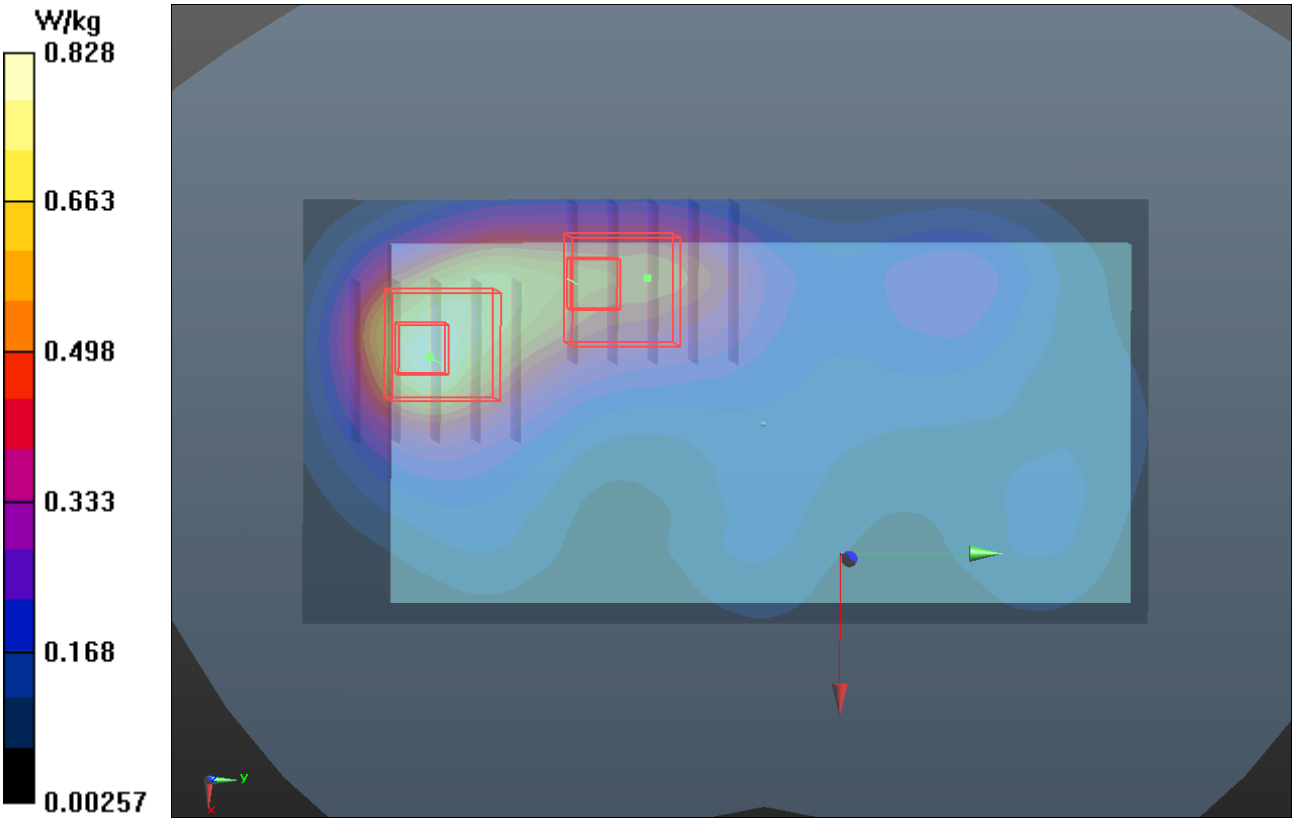
Communication System: LTE 7; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: B2600_0103 Medium parameters used: f = 2535 MHz; σ = 2.104 S/m; ε_r = 52.304; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(7.26, 7.26, 7.26); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.828 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.763 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.286 W/kg
Maximum value of SAR (measured) = 0.823 W/kg

- Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.763 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.763 W/kg
SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.218 W/kg
Maximum value of SAR (measured) = 0.570 W/kg



P21 LTE 17_QPSK_10M_Rear Face_1cm_Ch23800_Sample1_Ant0_1RB_OS24

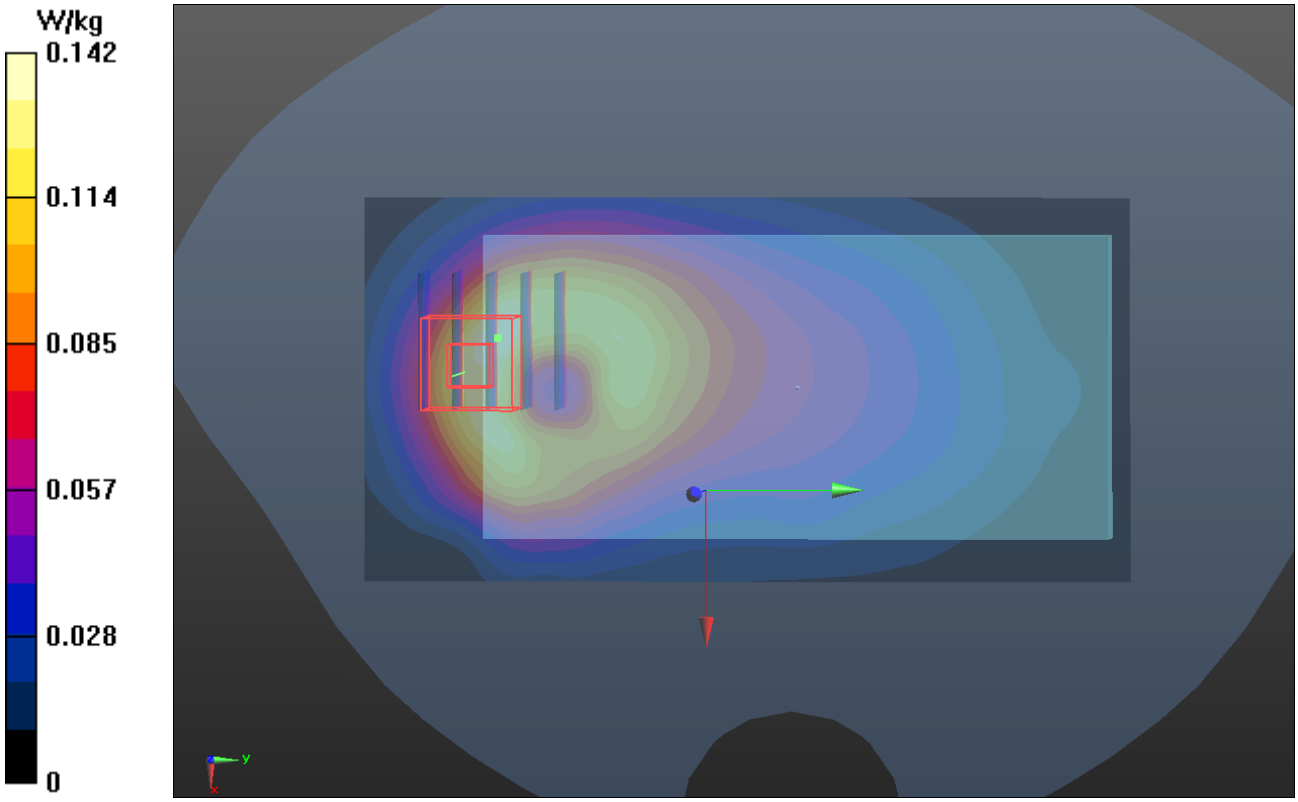
DUT: 131204C32

Communication System: LTE 17; Frequency: 711 MHz;Duty Cycle: 1:1
Medium: B750_1226 Medium parameters used: f = 711 MHz; σ = 0.936 S/m; ε_r = 55.841; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(10.15, 10.15, 10.15); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.142 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.218 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.060 W/kg
Maximum value of SAR (measured) = 0.136 W/kg



P22 802.11b_Front Face_1cm_Ch1_Sample1

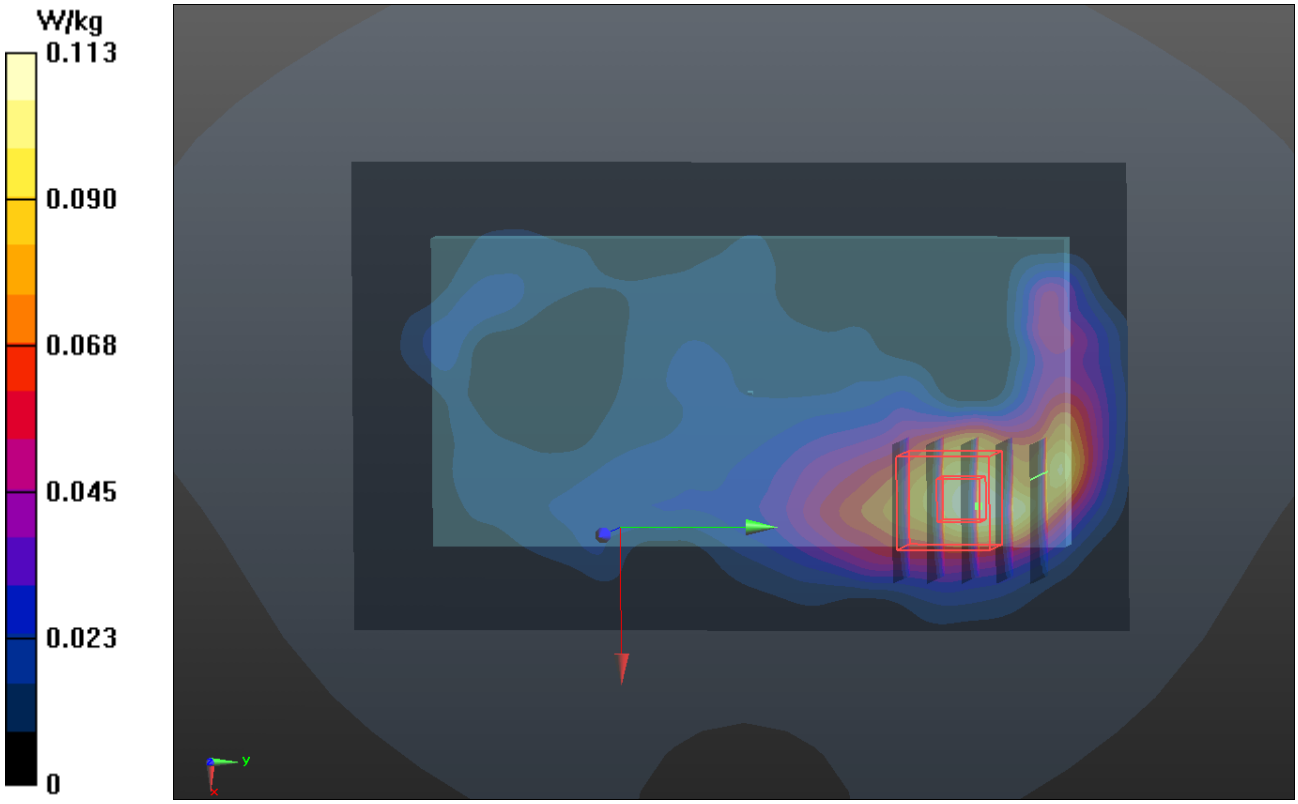
DUT: 131204C32

Communication System: WLAN_2.4G; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: B2450_0103 Medium parameters used: f = 2412 MHz; σ = 1.91 S/m; ε_r = 51.504; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃； Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(7.4, 7.4, 7.4); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.113 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.083 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.142 W/kg
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.040 W/kg
Maximum value of SAR (measured) = 0.113 W/kg



P23 802.11n_HT20_Rear Face_1cm_Ch36_Sample1

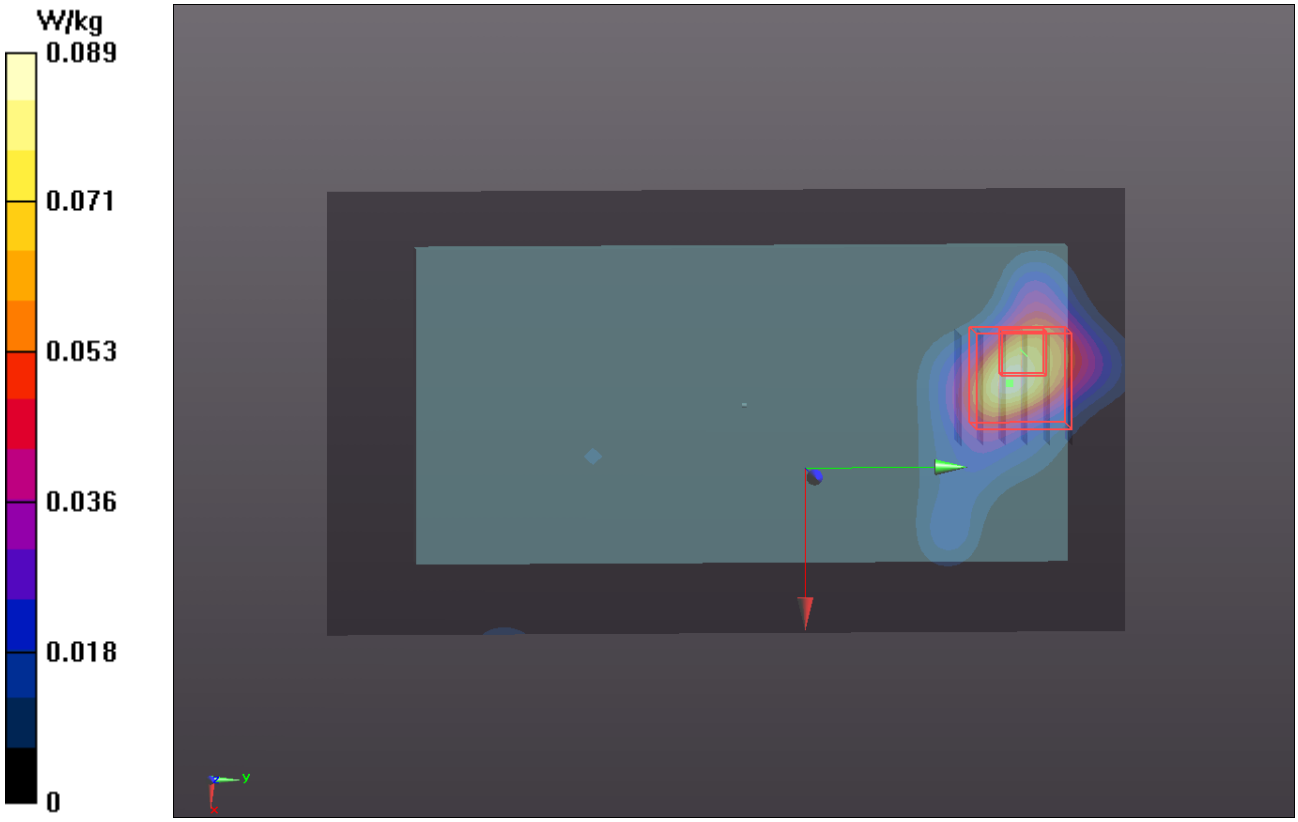
DUT: 131204C32

Communication System: WLAN_5G; Frequency: 5180 MHz;Duty Cycle: 1:1.18
Medium: B5G_0107 Medium parameters used: f = 5180 MHz; σ = 5.371 S/m; ε_r = 47.777; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(4.49, 4.49, 4.49); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1204
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0888 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 1.187 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.409 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.0969 W/kg



P24 802.11n_HT20_Rear Face_1cm_Ch52_Sample1

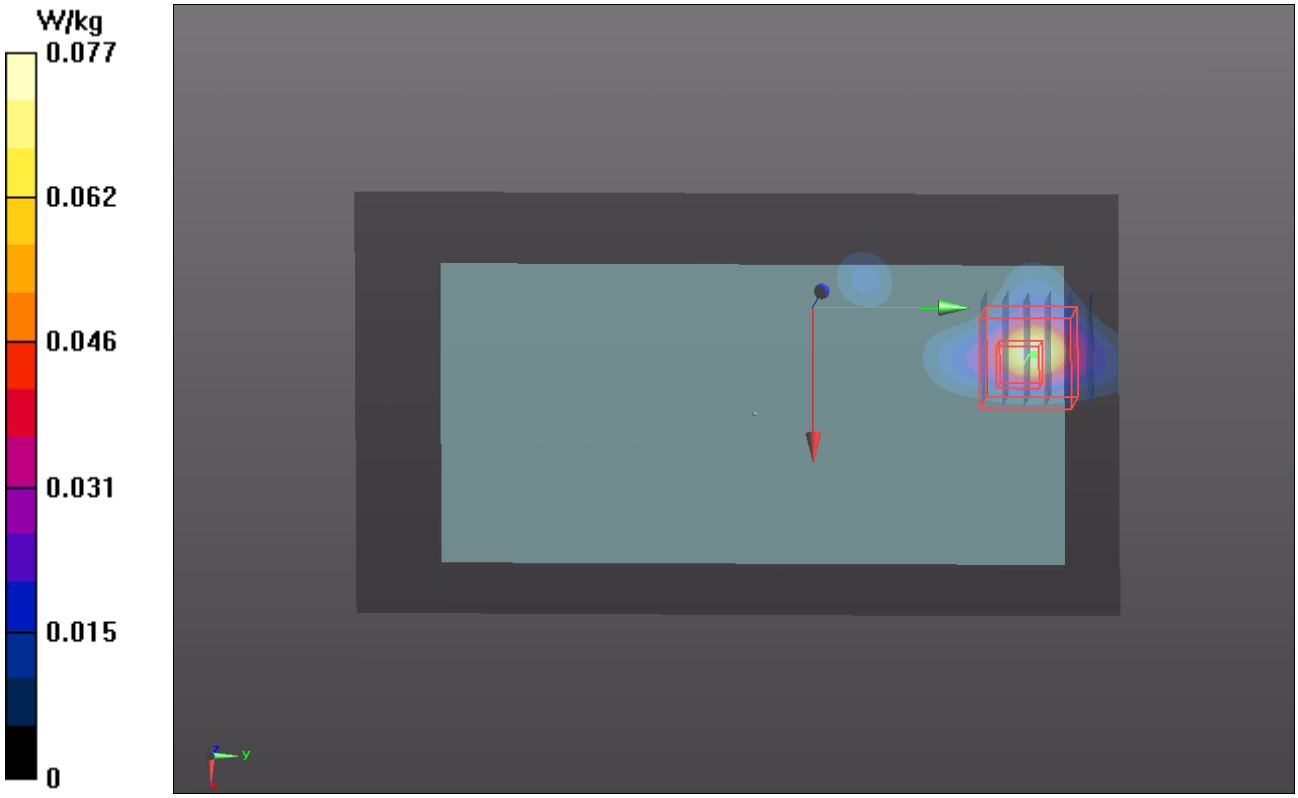
DUT: 131204C32

Communication System: WLAN_5G; Frequency: 5260 MHz;Duty Cycle: 1:1.18
Medium: B5G_0107 Medium parameters used: f = 5260 MHz; σ = 5.481 S/m; ε_r = 47.619; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(4.01, 4.01, 4.01); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1204
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0774 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.00882 W/kg
Maximum value of SAR (measured) = 0.0697 W/kg



P25 802.11a_Front Face_1cm_Ch140_Sample1

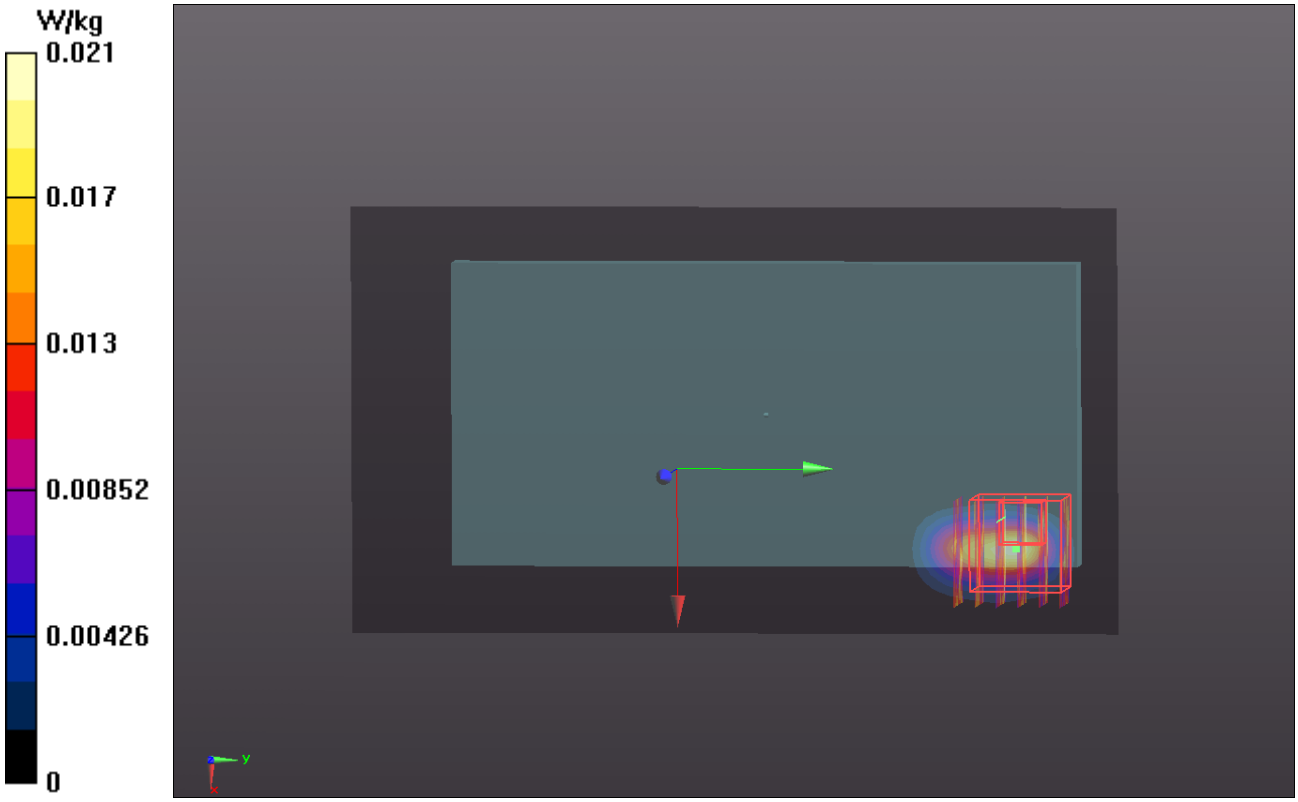
DUT: 131204C32

Communication System: WLAN_5G; Frequency: 5700 MHz;Duty Cycle: 1:1.18
Medium: B5G_0107 Medium parameters used: f = 5700 MHz; σ = 6.095 S/m; ε_r = 46.733; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(3.93, 3.93, 3.93); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1204
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0213 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0.577 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0850 W/kg
SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00328 W/kg
Maximum value of SAR (measured) = 0.0295 W/kg



P26 802.11n_HT20_Front Face_1cm_Ch165_Sample1

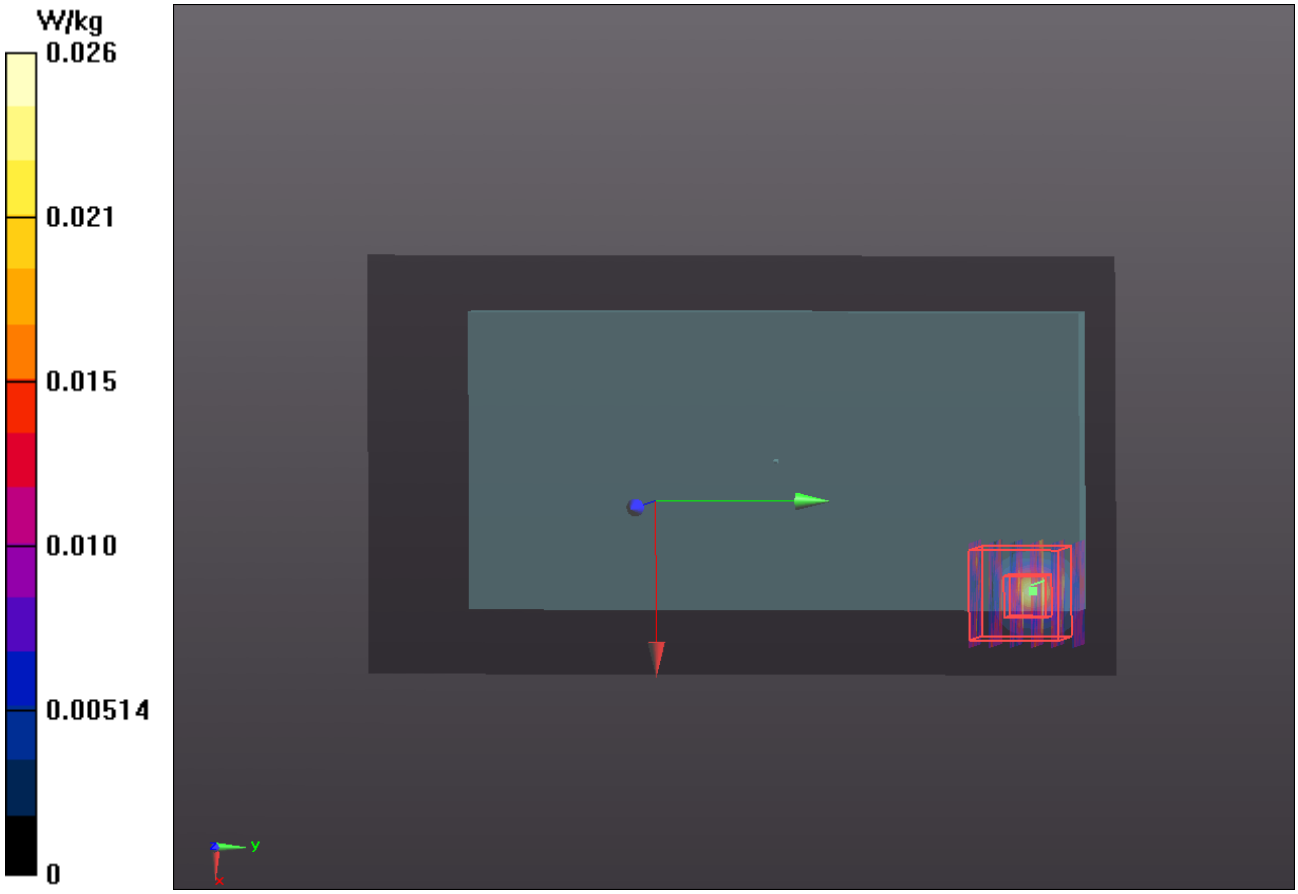
DUT: 131204C32

Communication System: WLAN_5G; Frequency: 5825 MHz;Duty Cycle: 1:1.18
Medium: B5G_0107 Medium parameters used: f = 5825 MHz; σ = 6.279 S/m; ε_r = 46.488; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(3.93, 3.93, 3.93); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1204
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0257 W/kg

- Zoom Scan (6x6x12)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2mm
Reference Value = 0.908 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0720 W/kg
SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.003 W/kg
Maximum value of SAR (measured) = 0.0346 W/kg



P27 GSM850_GPRS10_Left Side_1cm_Ch128_Sample1_Ant0

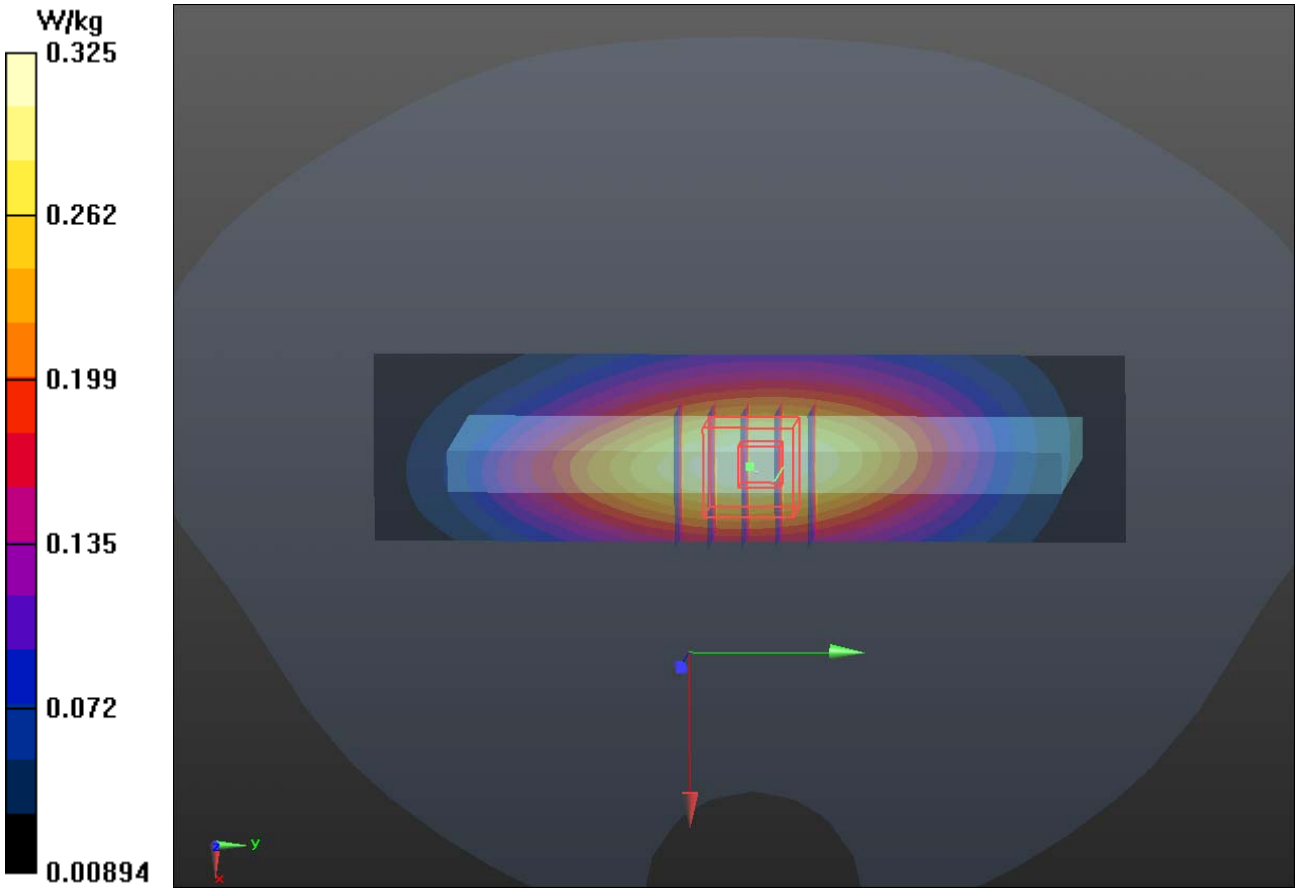
DUT: 131204C32

Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: B835_1226 Medium parameters used: f = 824.2 MHz; σ = 0.987 S/m; ε_r = 56.783; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃； Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(10.14, 10.14, 10.14); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (31x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.325 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.386 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.368 W/kg
SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.186 W/kg
Maximum value of SAR (measured) = 0.322 W/kg



P28 GSM1900_GPRS10_Bottom Side_1cm_Ch661_Sample1_Ant0

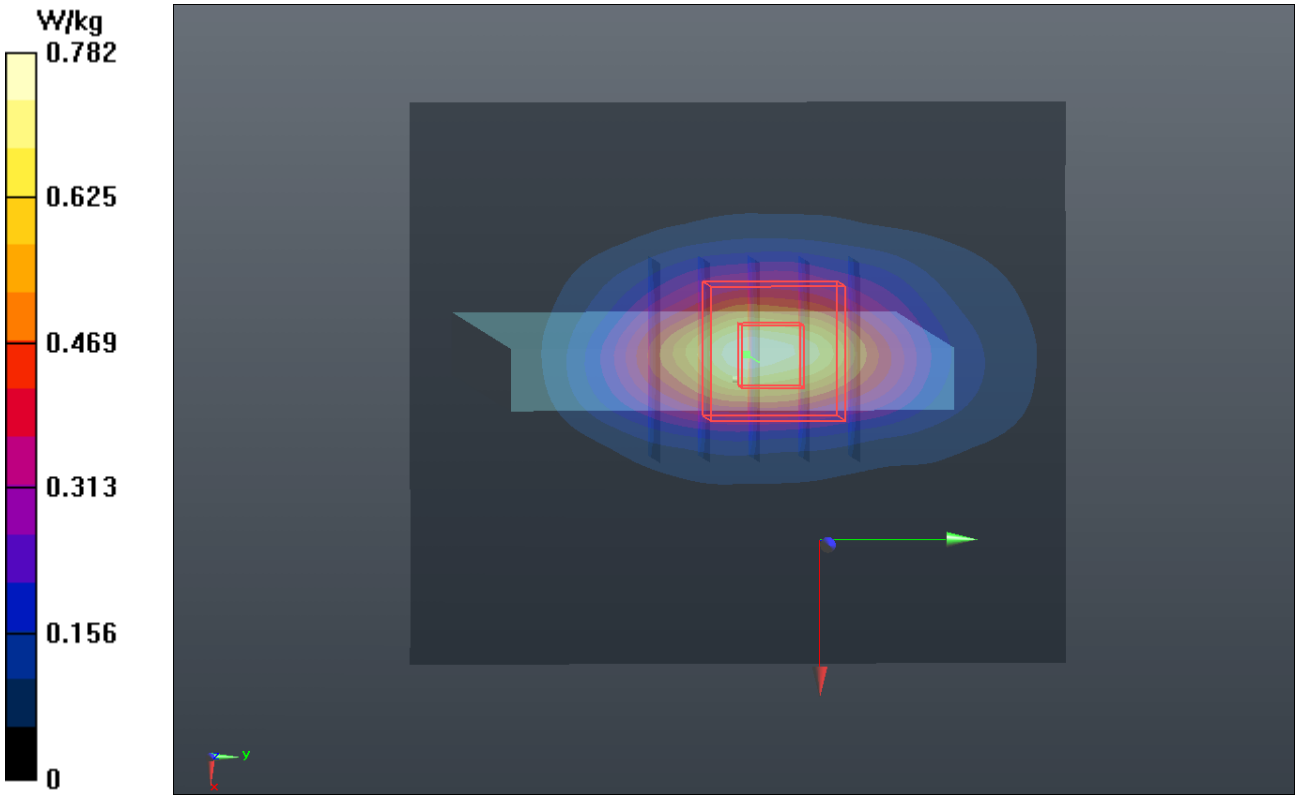
DUT: 131204C32

Communication System: GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: B1900_1227 Medium parameters used: f = 1880 MHz; σ = 1.533 S/m; ε_r = 53.495; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.782 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.151 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.917 W/kg
SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.291 W/kg
Maximum value of SAR (measured) = 0.593 W/kg

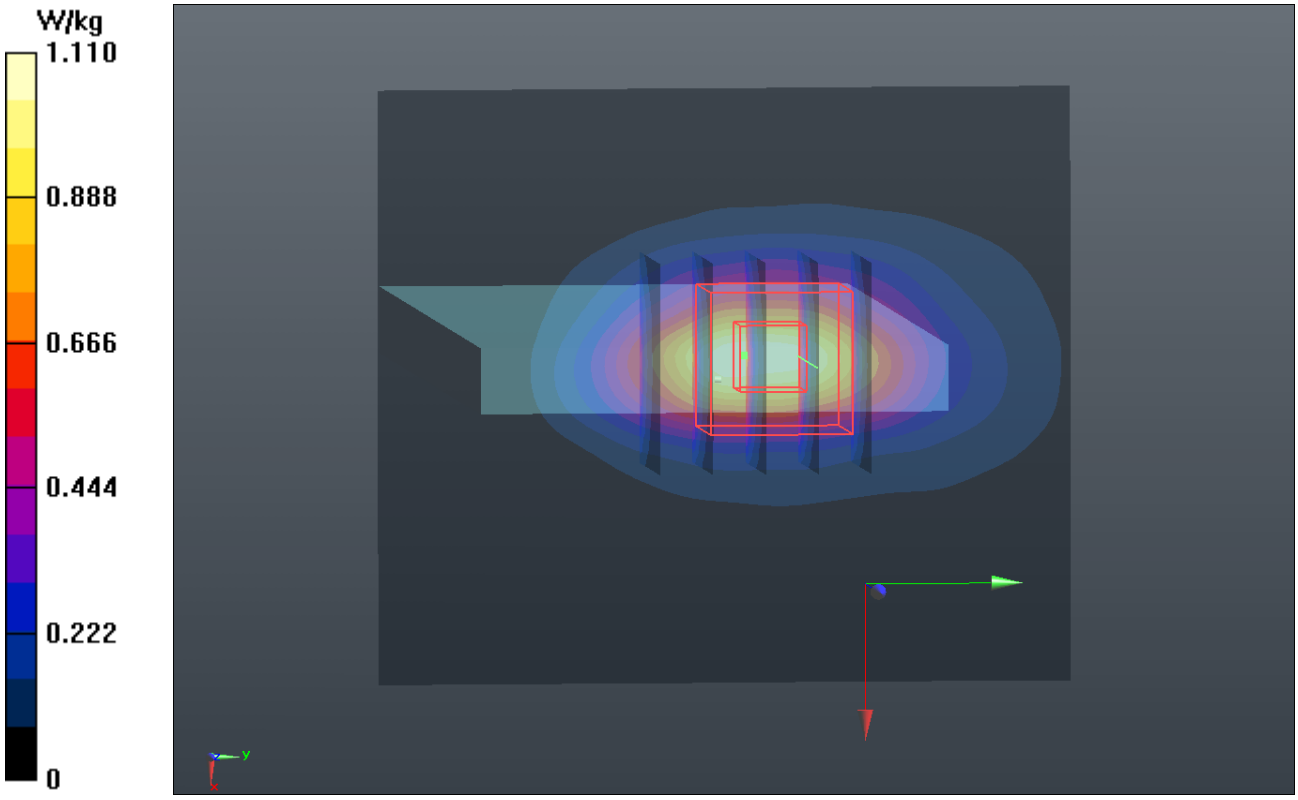


P29 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9262_Sample1_Ant0

DUT: 131204C32

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_1227 Medium parameters used: f = 1852.4 MHz; σ = 1.499 S/m; ε_r = 53.594; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(7.87, 7.87, 7.87); Calibrated: 2013/07/31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2013/07/26
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1485
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

- Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.064 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.425 W/kg
Maximum value of SAR (measured) = 0.855 W/kg