Appendix B. SAR Plots of SAR Measurement

The plots for SAR measurement are shown as follows.

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/08

P01 GSM850_GPRS10_Right Cheek_Ch189

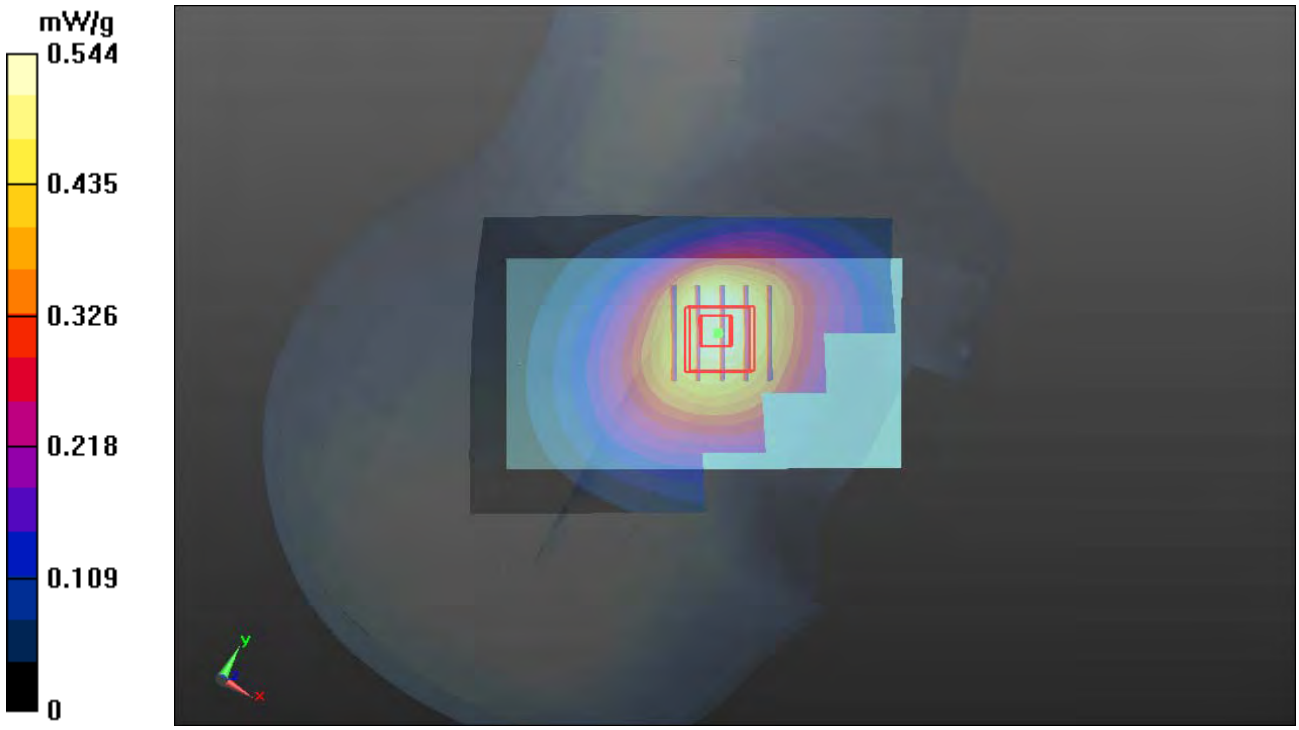
DUT: 120626C35

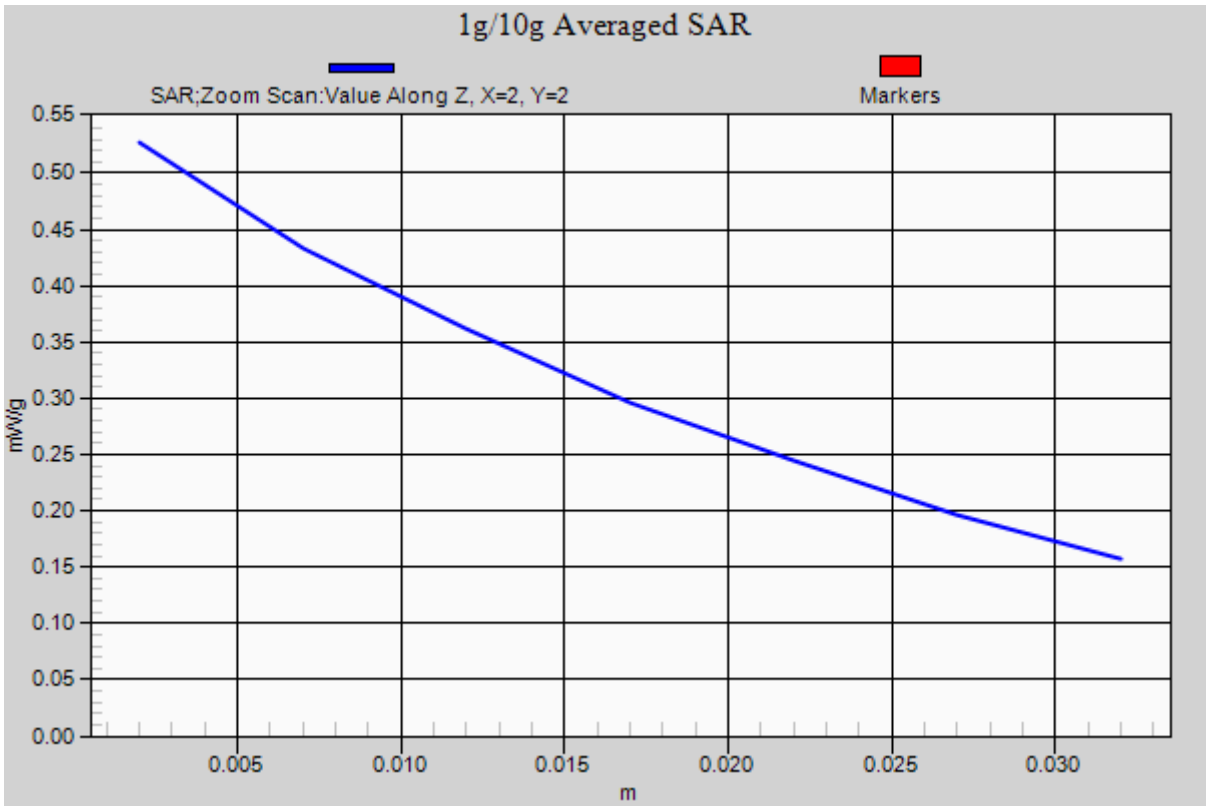
Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: H835_0708 Medium parameters used : f = 836.4 MHz; σ = 0.917 mho/m; ε_r = 42.708; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.05, 9.05, 9.05); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.544 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.678 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.572 mW/g
SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.363 mW/g
Maximum value of SAR (measured) = 0.527 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
W/kg
0.005
0.010
0.015
0.020
0.025
0.030
m

P02 GSM850_GPRS10_Right Tilted_Ch189

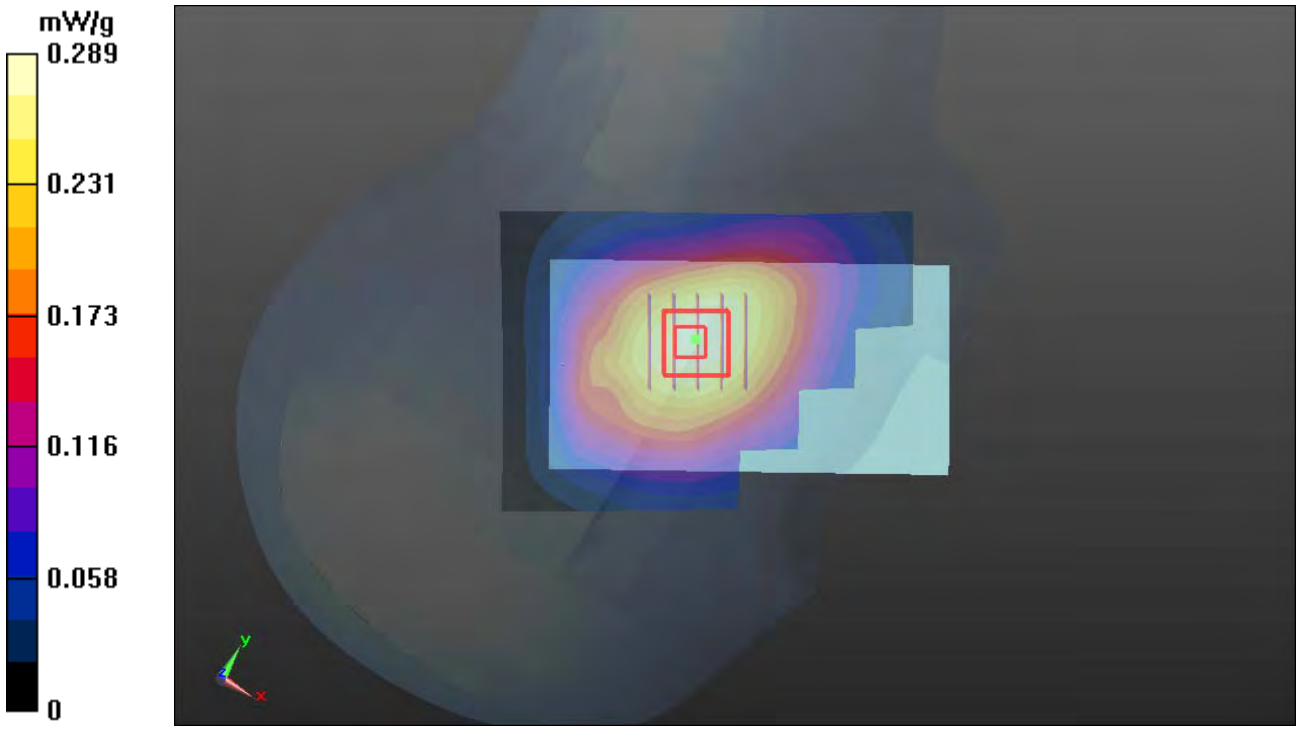
DUT: 120626C35

Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: H835_0708 Medium parameters used : f = 836.4 MHz; σ = 0.917 mho/m; ε_r = 42.708; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.05, 9.05, 9.05); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.289 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.546 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.304 mW/g
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.279 mW/g



P03 GSM850_GPRS10_Left Cheek_Ch189

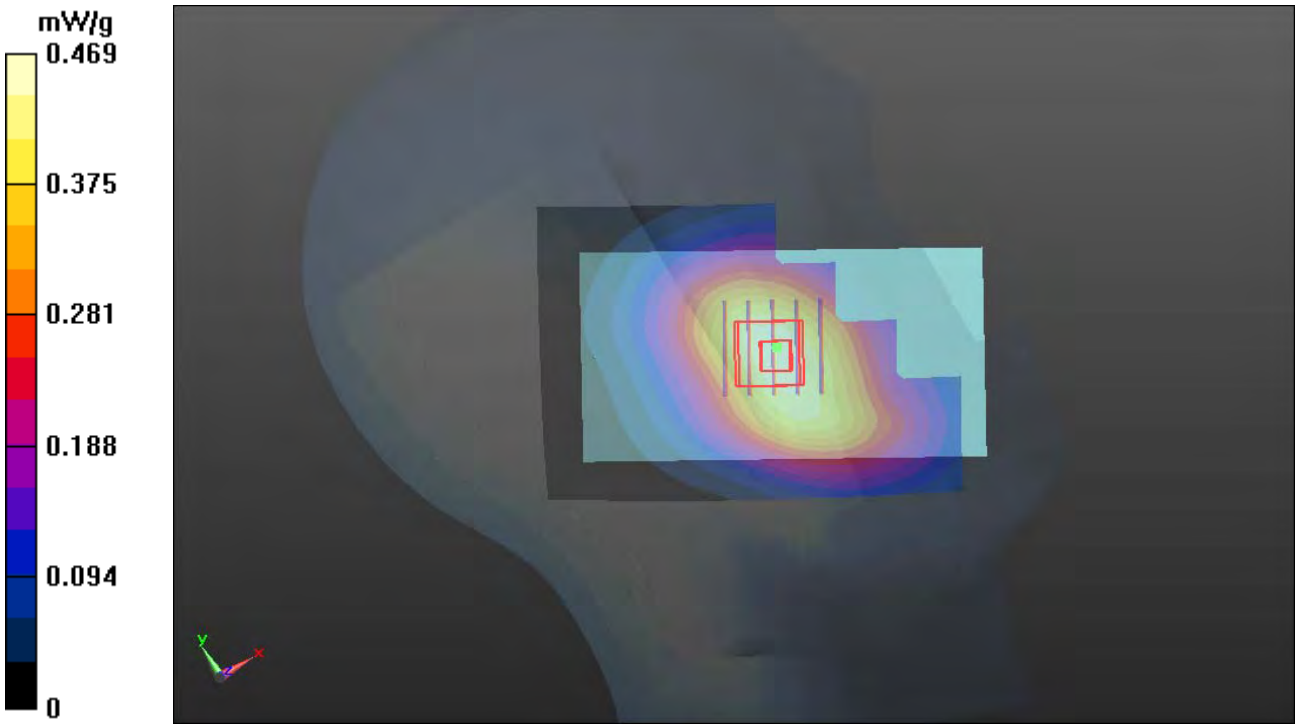
DUT: 120626C35

Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: H835_0708 Medium parameters used : f = 836.4 MHz; σ = 0.917 mho/m; ε_r = 42.708; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.05, 9.05, 9.05); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.469 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.262 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.489 mW/g
SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.319 mW/g
Maximum value of SAR (measured) = 0.458 mW/g



P04 GSM850_GPRS10_Left Tilted_Ch189

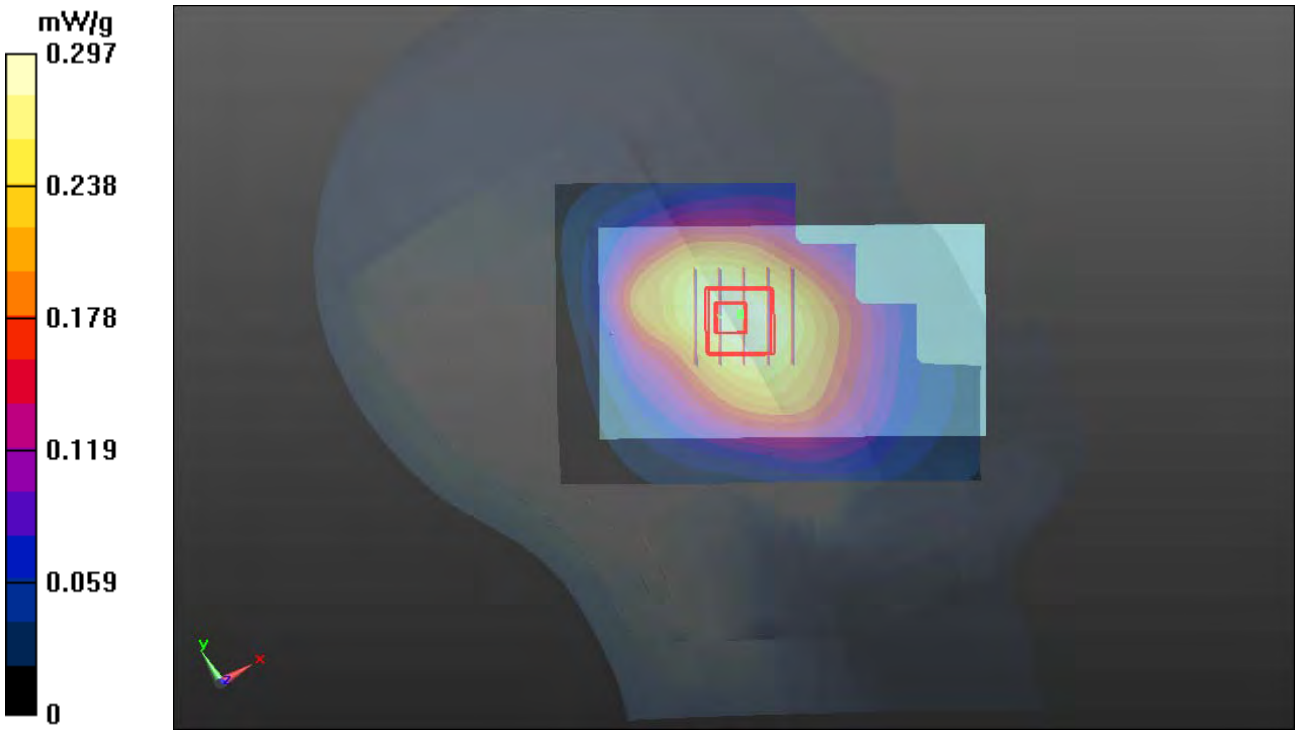
DUT: 120626C35

Communication System: GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4.00037
Medium: H835_0708 Medium parameters used : f = 836.4 MHz; σ = 0.917 mho/m; ε_r = 42.708; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.05, 9.05, 9.05); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch189/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.297 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.223 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.319 mW/g
SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.293 mW/g



P05 GSM1900_GPRS10_Right Cheek_Ch810

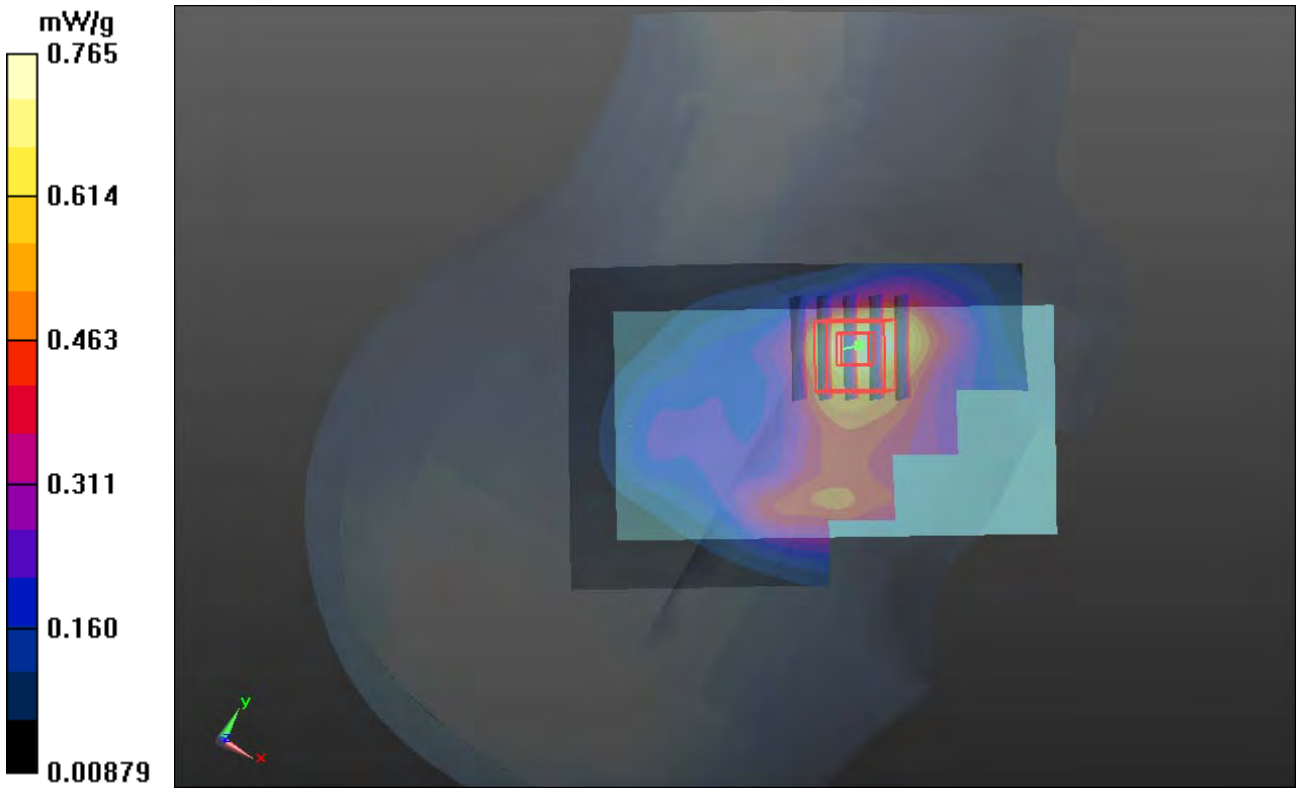
DUT: 120626C35

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: H1900_0709 Medium parameters used: f = 1910 MHz; σ = 1.446 mho/m; ε_r = 39.704; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.02, 8.02, 8.02); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.804 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.890 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.907 mW/g
SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.375 mW/g
Maximum value of SAR (measured) = 0.765 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/09

P06 GSM1900_GPRS10_Right Tilted_Ch810

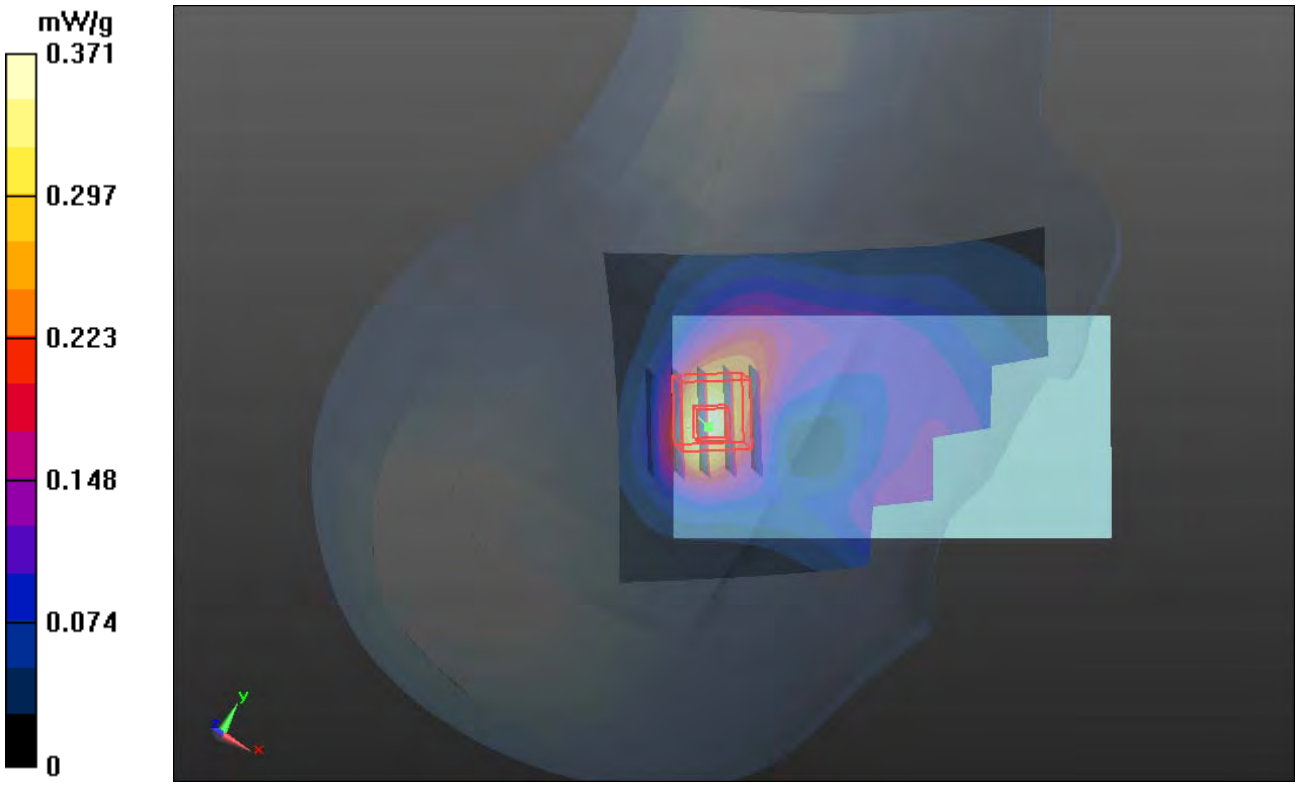
DUT: 120626C35

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: H1900_0709 Medium parameters used: f = 1910 MHz; σ = 1.446 mho/m; ε_r = 39.704; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.02, 8.02, 8.02); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.371 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.791 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 0.461 mW/g
SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.158 mW/g
Maximum value of SAR (measured) = 0.375 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/09

P07 GSM1900_GPRS10_Left Cheek_Ch810

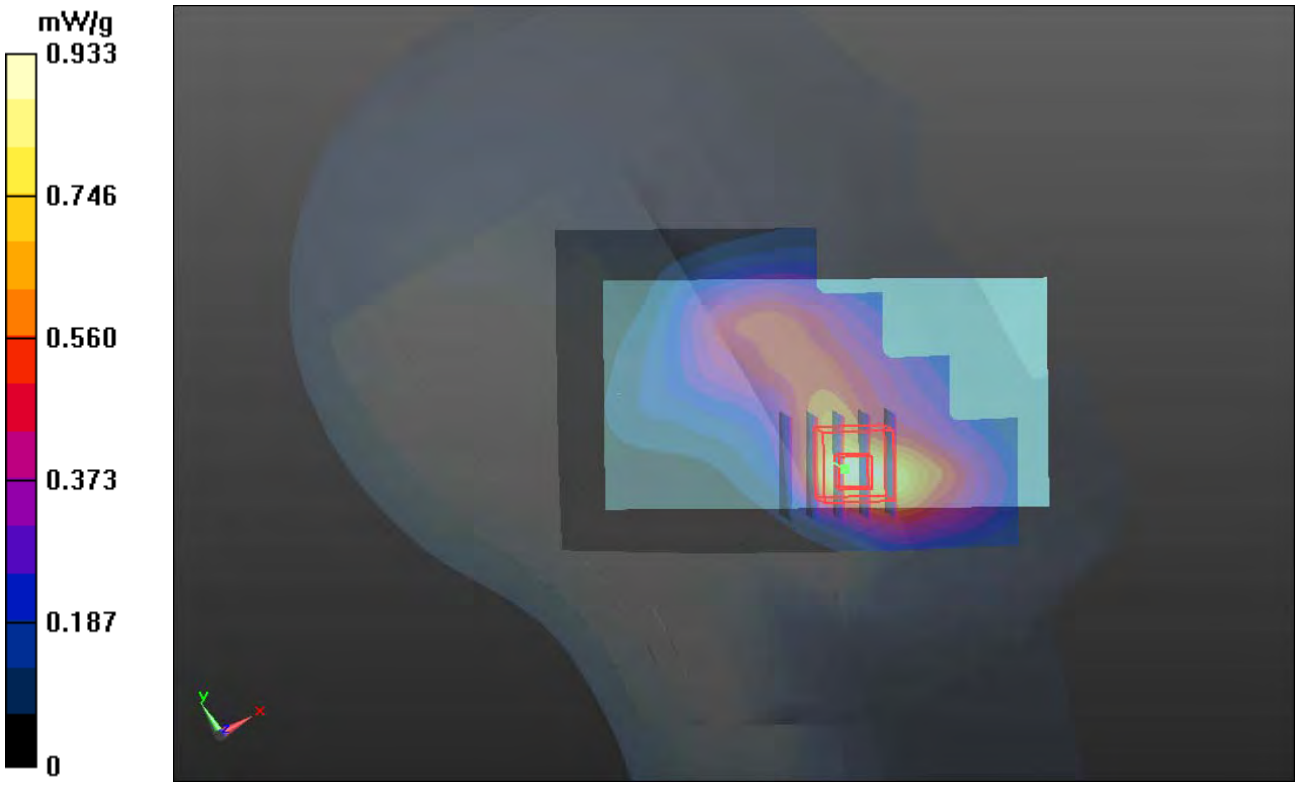
DUT: 120626C35

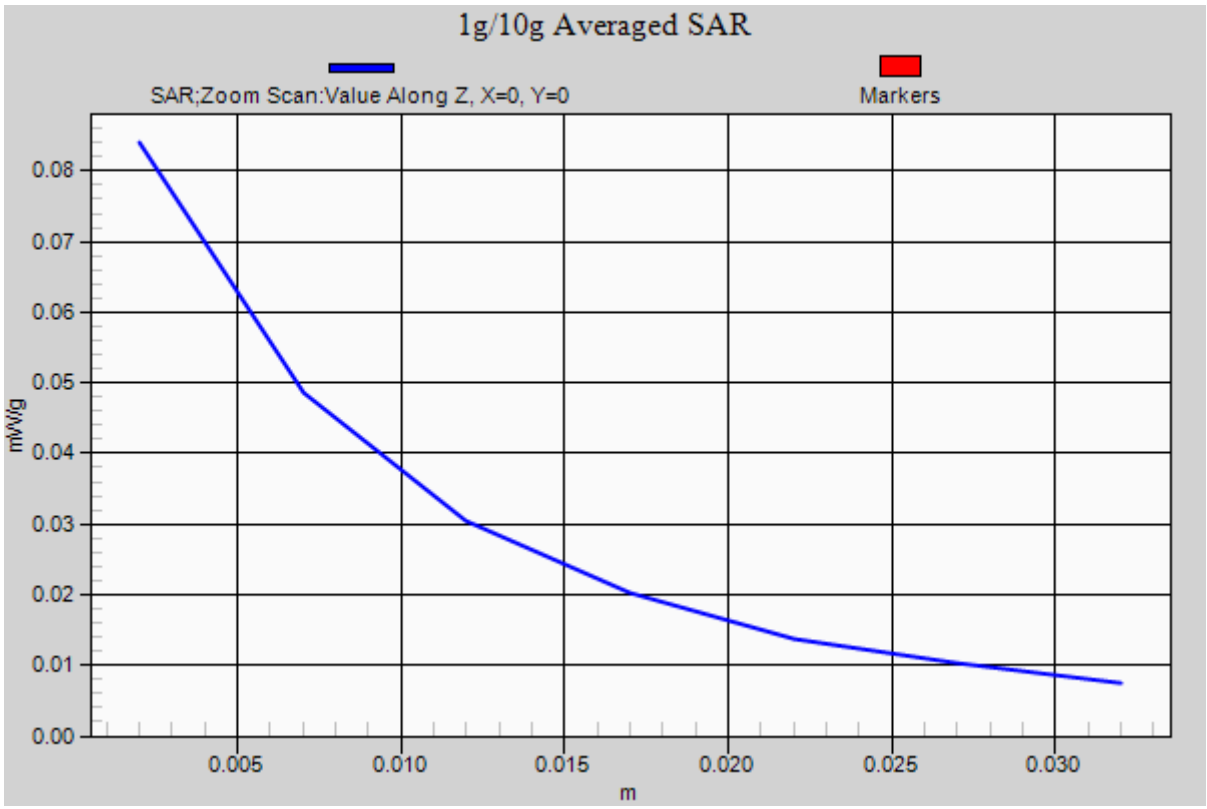
Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: H1900_0709 Medium parameters used: f = 1910 MHz; σ = 1.446 mho/m; ε_r = 39.704; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.02, 8.02, 8.02); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.933 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.526 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 1.035 mW/g
SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.414 mW/g
Maximum value of SAR (measured) = 0.840 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=0, Y=0
Markers
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P08 GSM1900_GPRS10_Left Tilted_Ch810

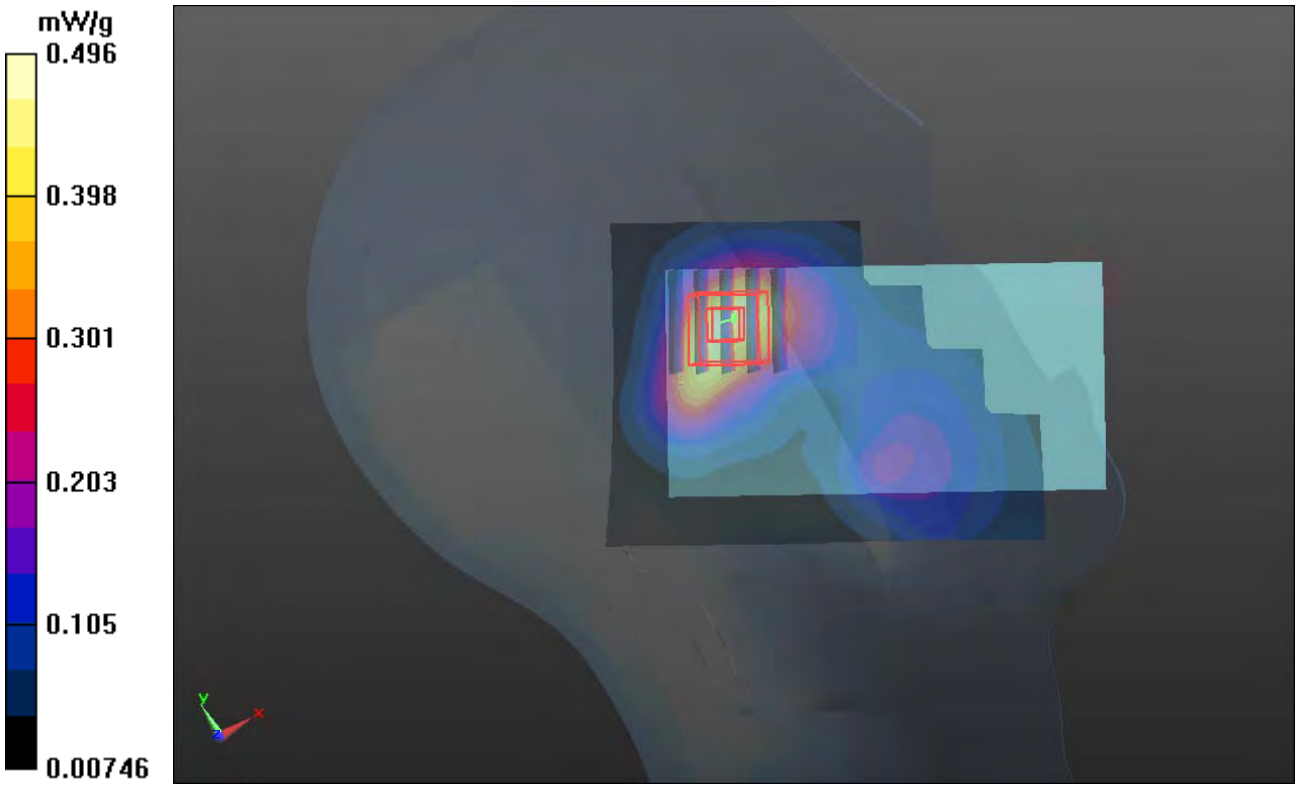
DUT: 120626C35

Communication System: GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: H1900_0709 Medium parameters used: f = 1910 MHz; σ = 1.446 mho/m; ε_r = 39.704; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.02, 8.02, 8.02); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch810/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.480 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.283 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.594 mW/g
SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.236 mW/g
Maximum value of SAR (measured) = 0.496 mW/g



P09 WCDMA V_RMC12.2K_Right Cheek_Ch4182

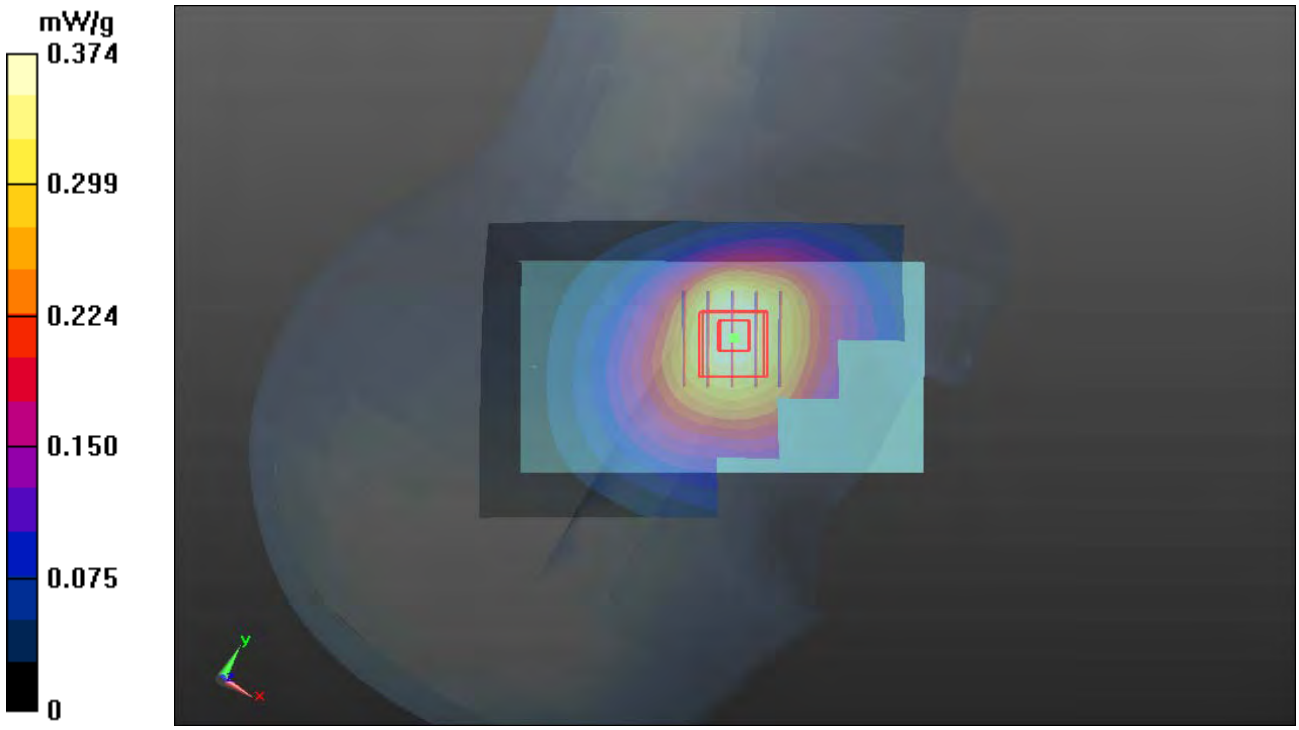
DUT: 120626C35

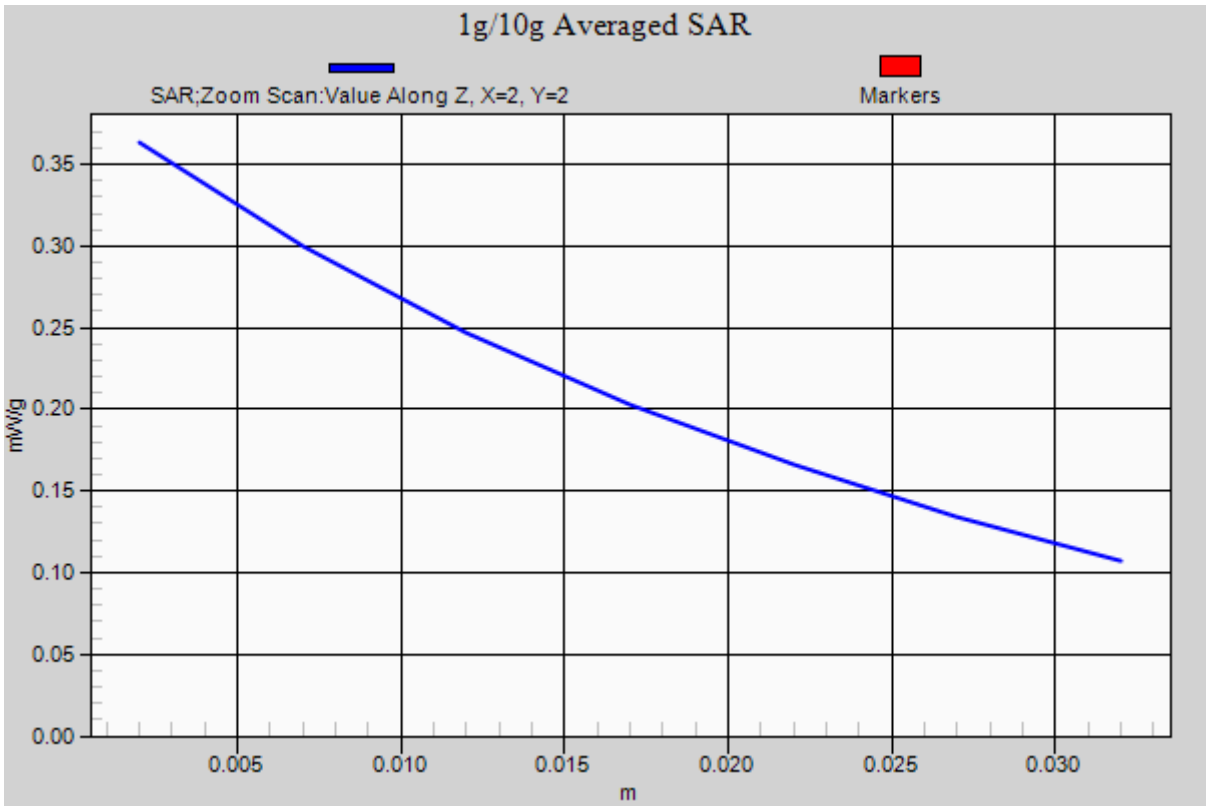
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: H835_0708 Medium parameters used : f = 836.4 MHz; σ = 0.917 mho/m; ε_r = 42.708; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.05, 9.05, 9.05); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.374 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.075 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.397 mW/g
SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.248 mW/g
Maximum value of SAR (measured) = 0.363 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P10 WCDMA V_RMC12.2K_Right Tilted_Ch4182

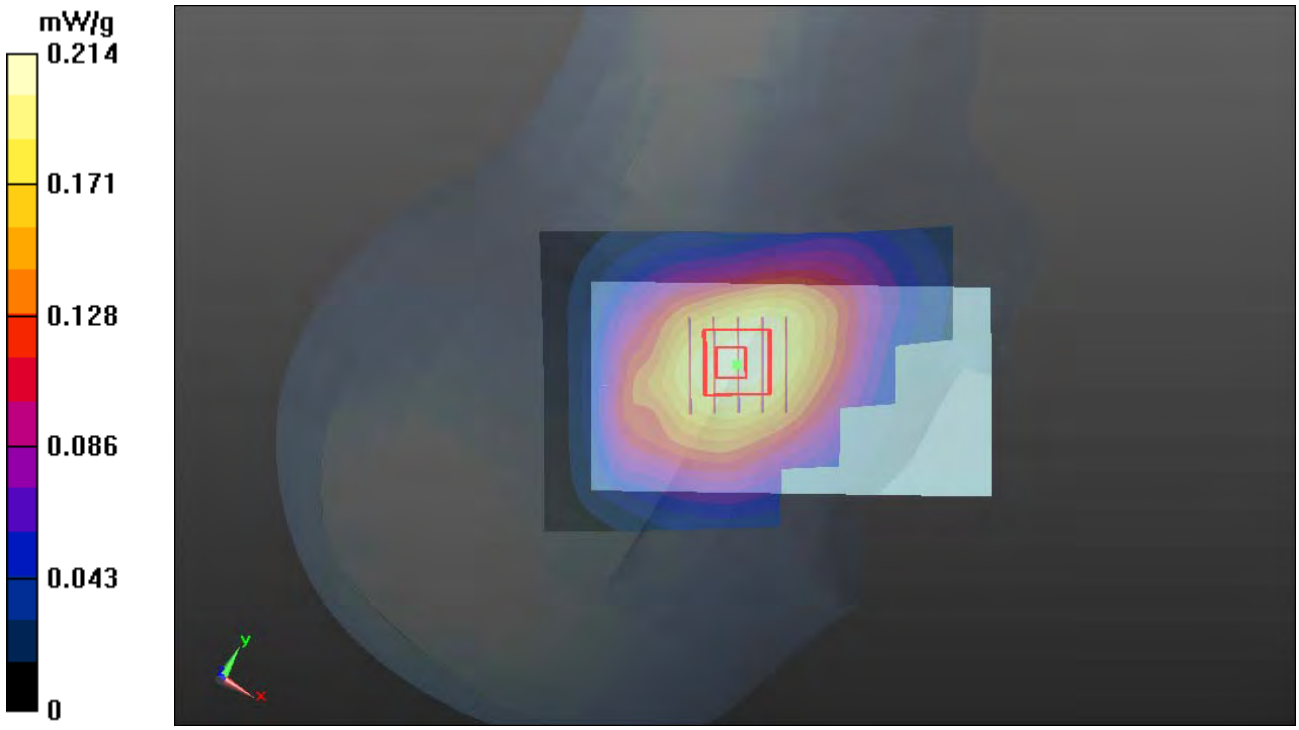
DUT: 120626C35

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: H835_0708 Medium parameters used : f = 836.4 MHz; σ = 0.917 mho/m; ε_r = 42.708; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.05, 9.05, 9.05); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.214 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.859 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.231 mW/g
SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.212 mW/g



P11 WCDMA V_RMC12.2K_Left Cheek_Ch4182

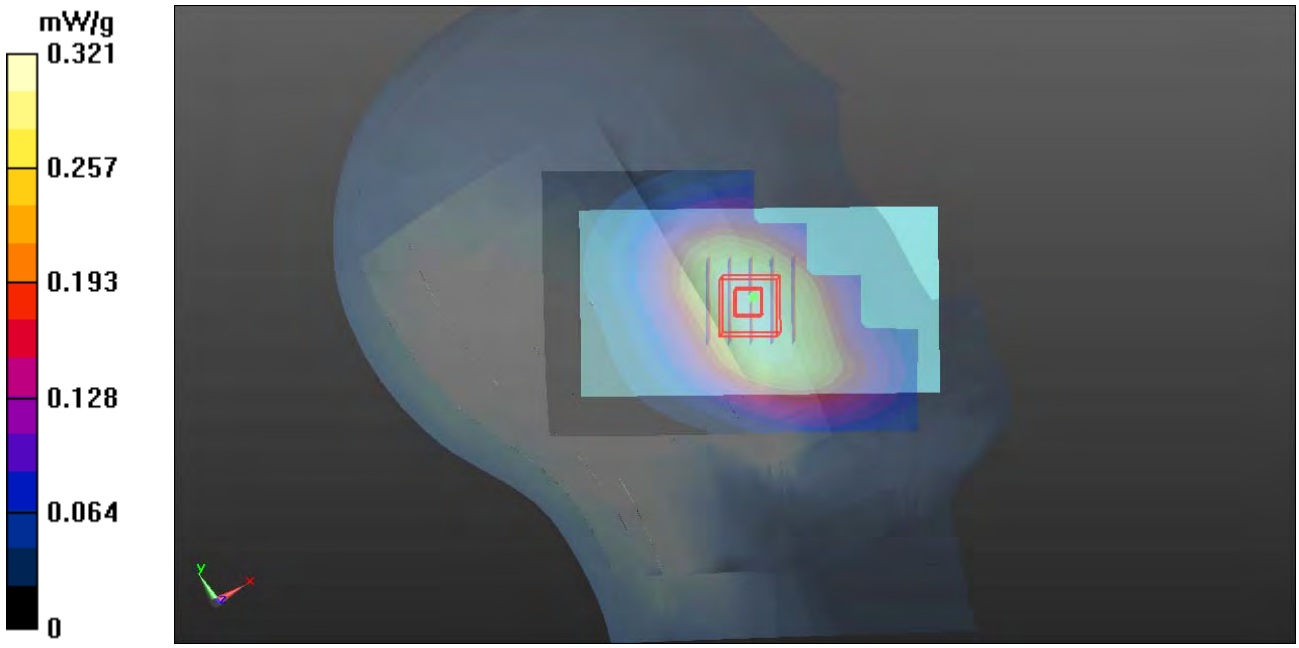
DUT: 120626C35

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: H835_0708 Medium parameters used : f = 836.4 MHz; σ = 0.917 mho/m; ε_r = 42.708; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.05, 9.05, 9.05); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.321 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.156 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.339 mW/g
SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.313 mW/g



P12 WCDMA V_RMC12.2K_Left Tilted_Ch4182

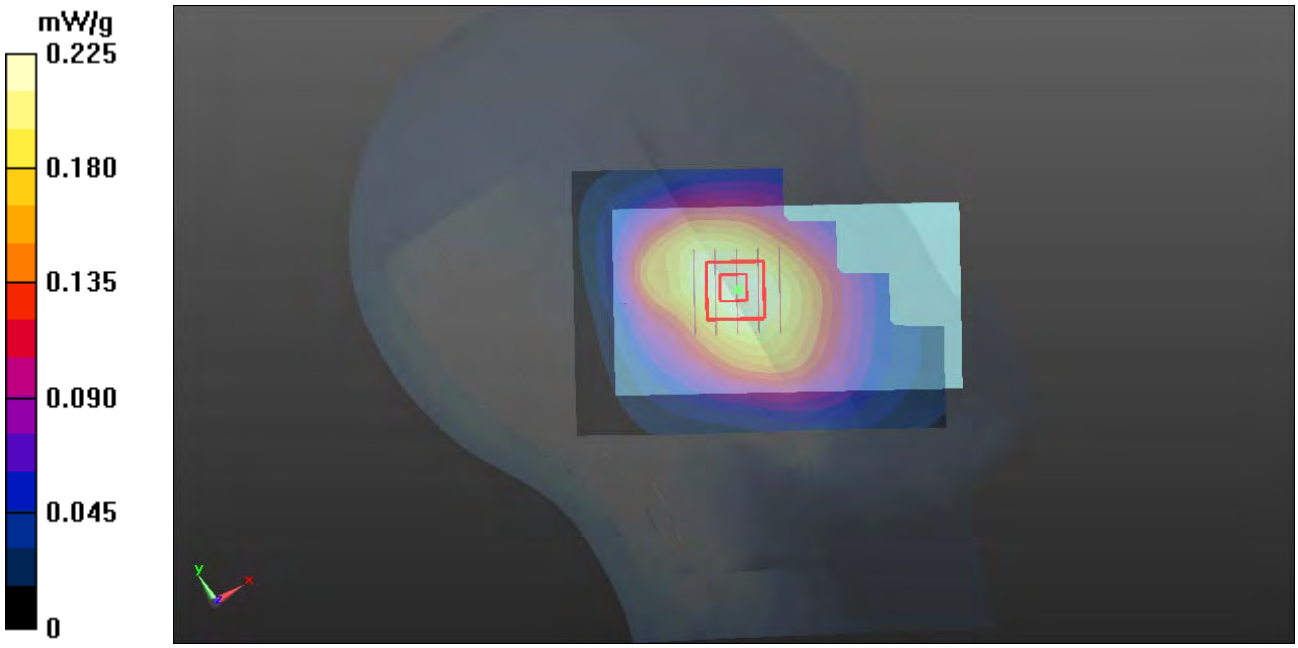
DUT: 120626C35

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: H835_0708 Medium parameters used : f = 836.4 MHz; σ = 0.917 mho/m; ε_r = 42.708; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(9.05, 9.05, 9.05); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch4182/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.225 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.896 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.241 mW/g
SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.224 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/09

P13 WCDMA II_RMC12.2K_Right Cheek_Ch9400

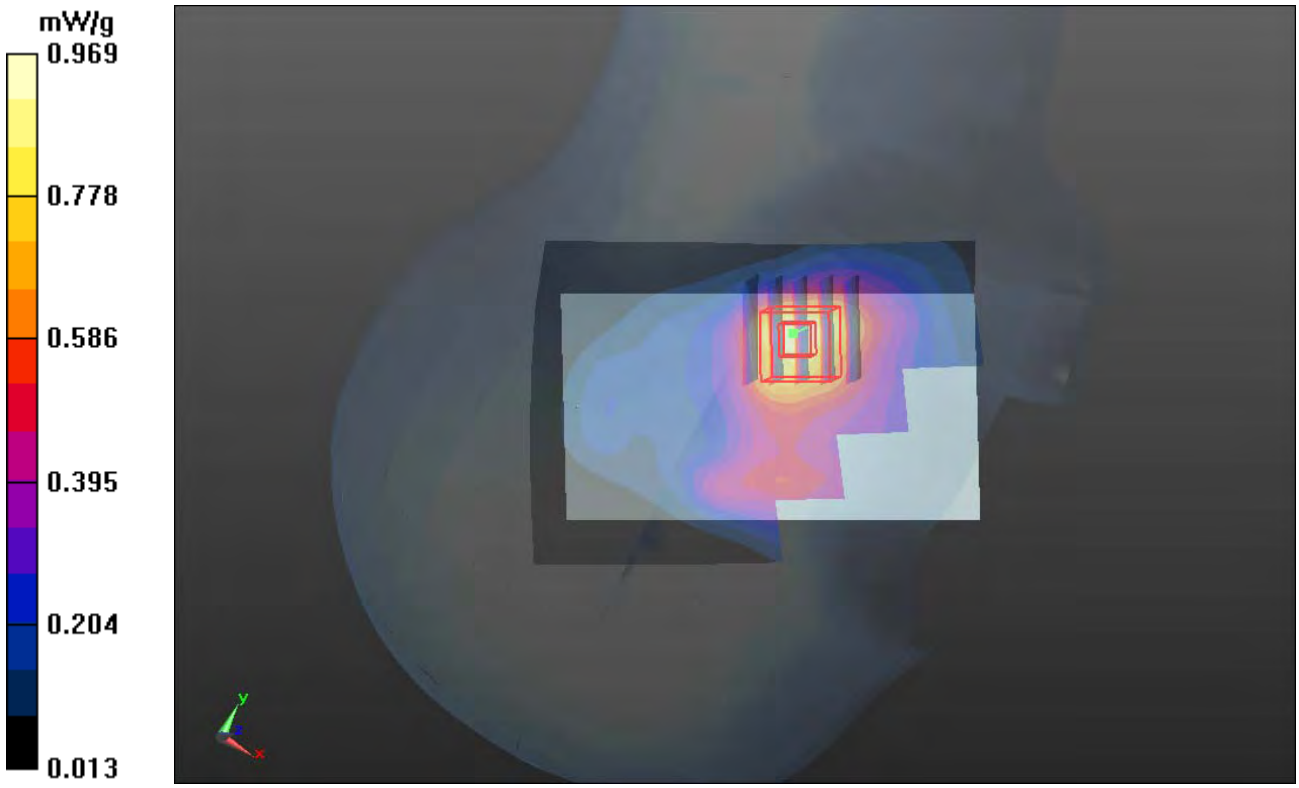
DUT: 120626C35

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.02, 8.02, 8.02); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.997 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.233 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.154 mW/g
SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.478 mW/g
Maximum value of SAR (measured) = 0.969 mW/g



P14 WCDMA II_RMC12.2K_Right Tilted_Ch9400

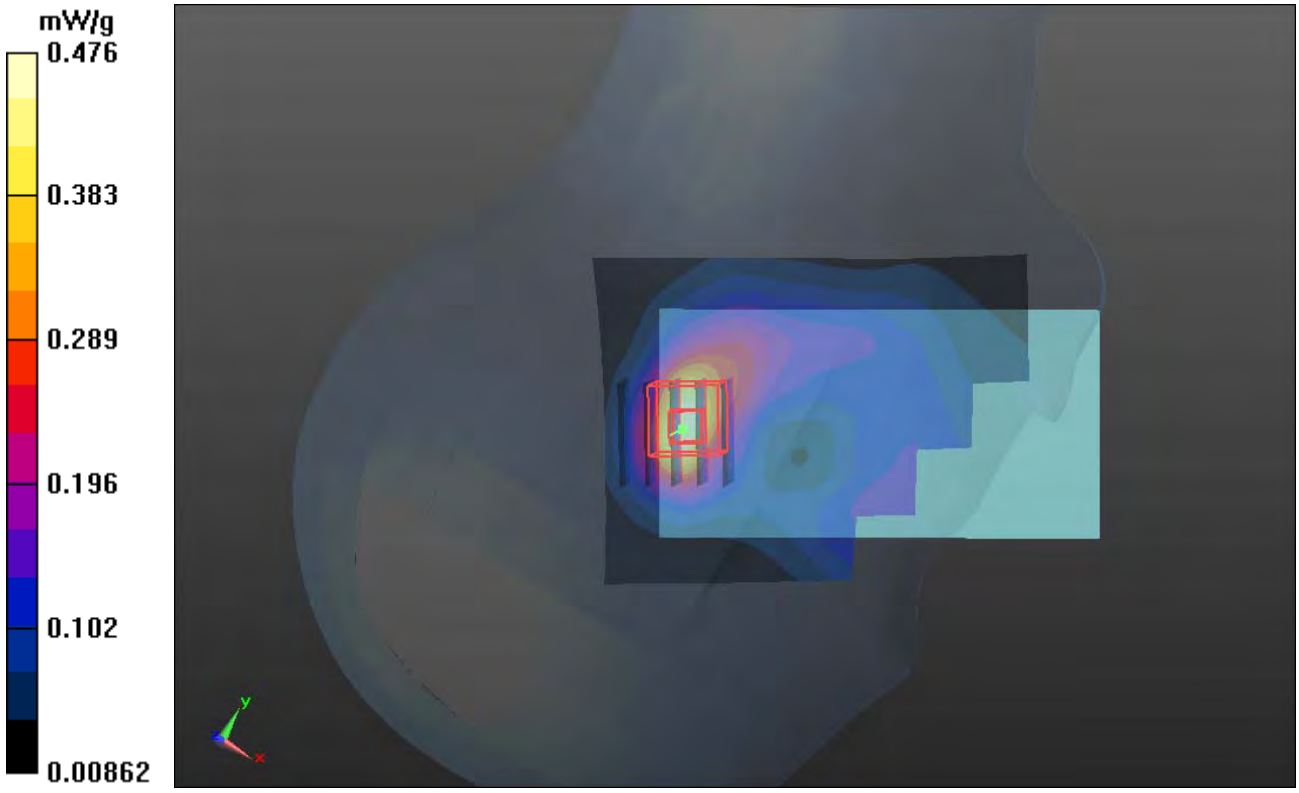
DUT: 120626C35

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3820; ConvF(8.02, 8.02, 8.02); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.484 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.428 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.582 mW/g
SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.203 mW/g
Maximum value of SAR (measured) = 0.476 mW/g



P15 WCDMA II_RMC12.2K_Left Cheek_Ch9400

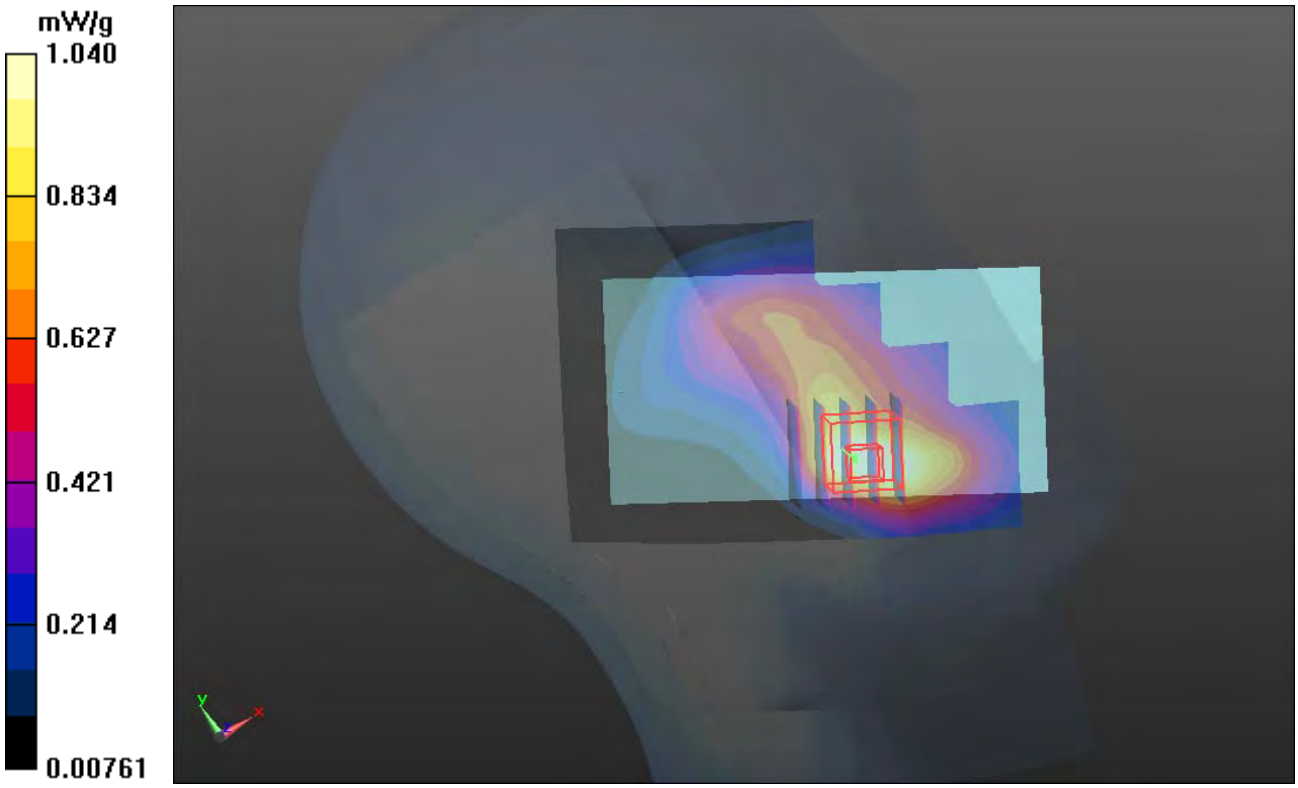
DUT: 120626C35

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.02, 8.02, 8.02); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.14 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.348 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.273 mW/g
SAR(1 g) = 0.828 mW/g; SAR(10 g) = 0.522 mW/g
Maximum value of SAR (measured) = 1.04 mW/g



P16 WCDMA II_RMC12.2K_Left Tilted_Ch9400

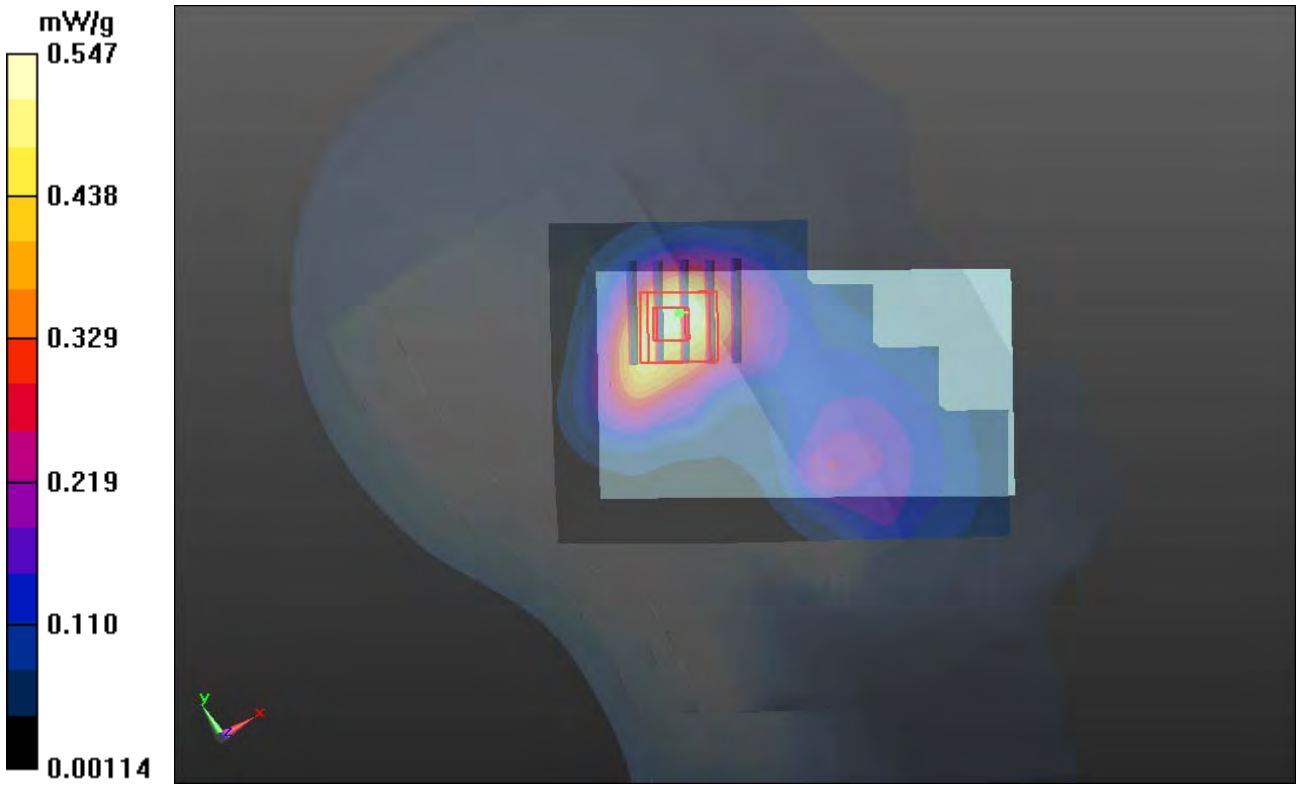
DUT: 120626C35

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：22.0 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.02, 8.02, 8.02); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.560 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.293 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.653 mW/g
SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.264 mW/g
Maximum value of SAR (measured) = 0.547 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/20

P17 WCDMA II_RMC12.2K_Left Cheek_Ch9262

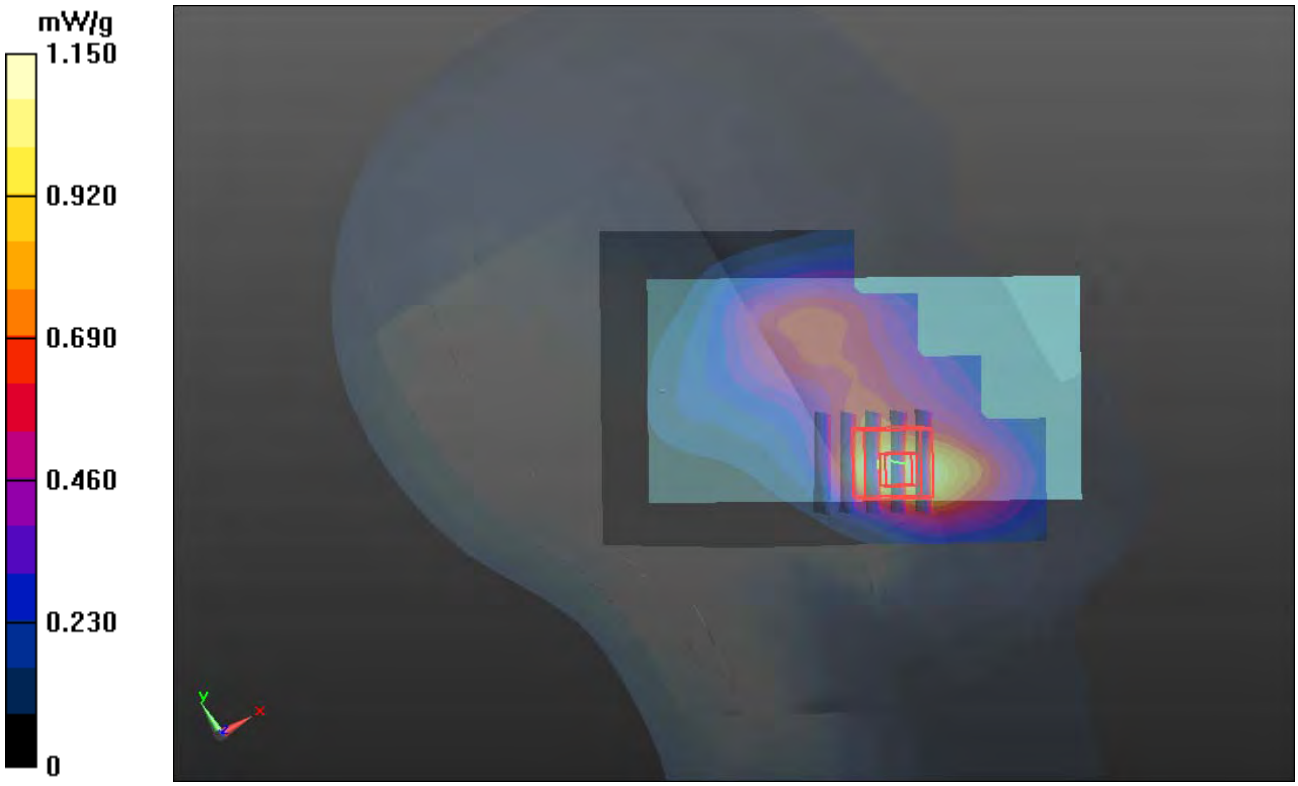
DUT: 120626C35

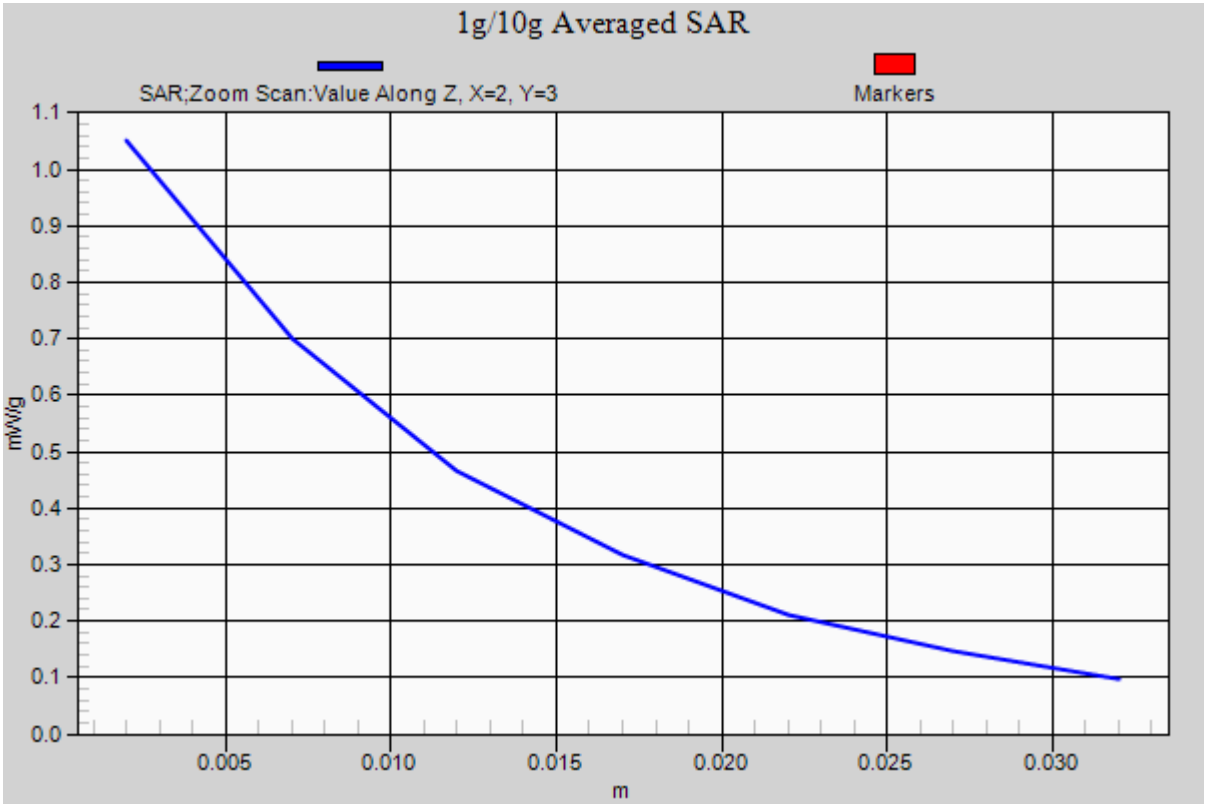
Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: H1900_0720 Medium parameters used: f = 1852.4 MHz; σ = 1.383 mho/m; ε_r = 39.979; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9262/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.15 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.921 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.302 mW/g
SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.519 mW/g
Maximum value of SAR (measured) = 1.05 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=3
Markers
mW/g
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
m

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/20

P18 WCDMA II_RMC12.2K_Left Cheek_Ch9538

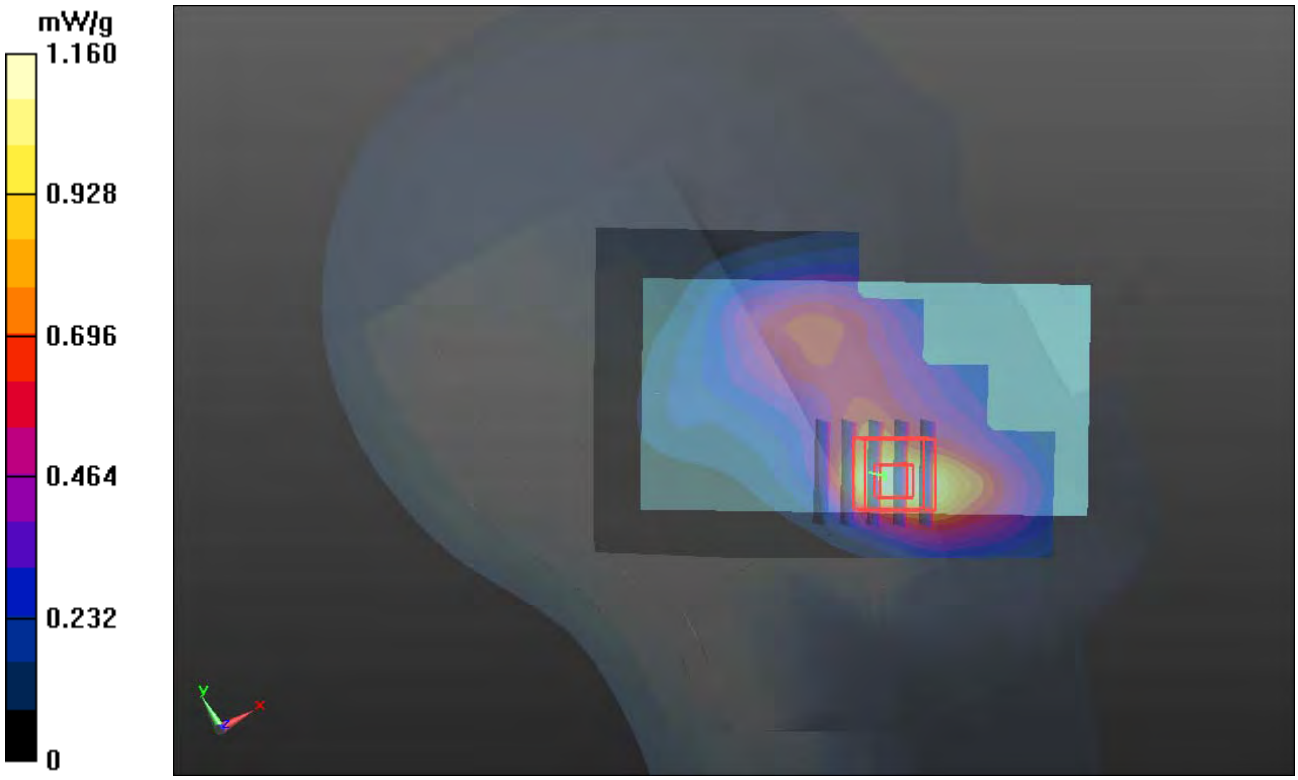
DUT: 120626C35

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: H1900_0720 Medium parameters used: f = 1908 MHz; σ = 1.438 mho/m; ε_r = 39.727; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch9538/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.16 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.083 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.317 mW/g
SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.509 mW/g
Maximum value of SAR (measured) = 1.05 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/11

P550 LTE 17_QPSK_10M_Right Cheek_Ch23790_25RB_Offset 12

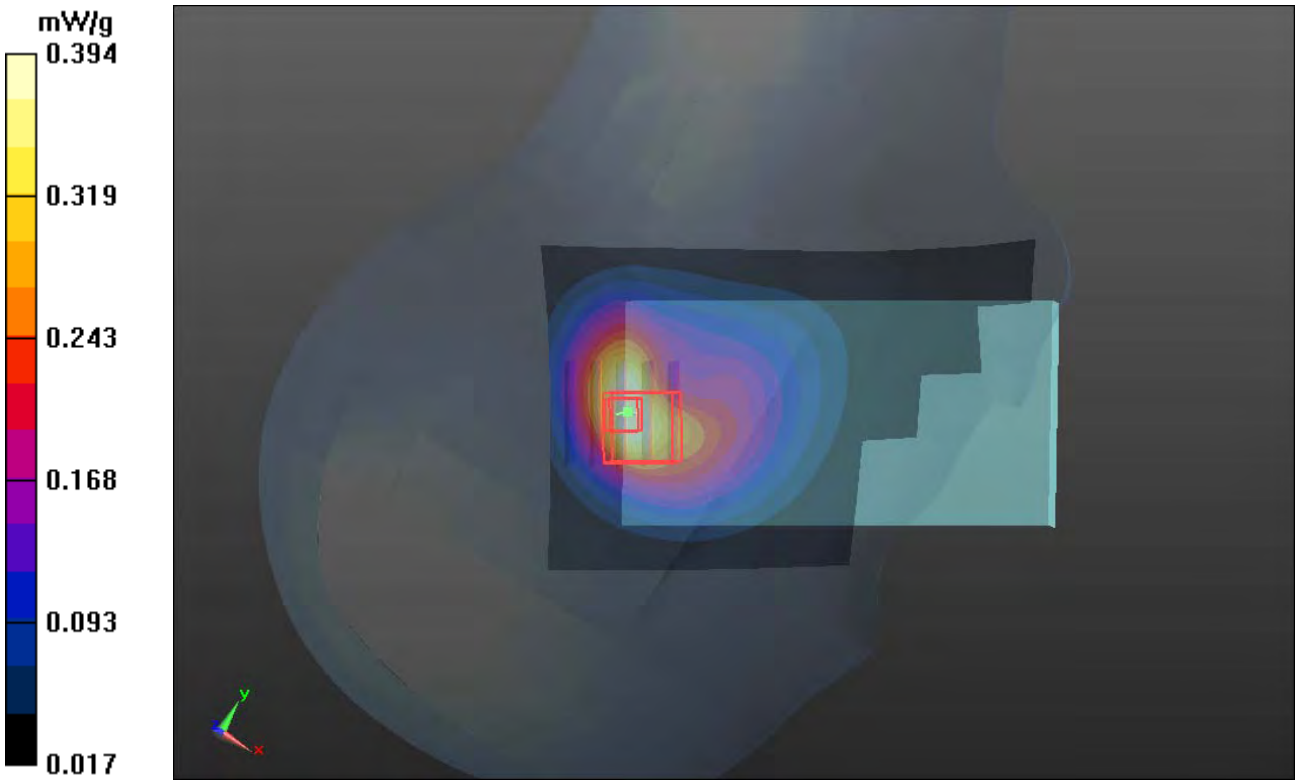
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.405 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.317 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.521 mW/g
SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.394 mW/g



P551 LTE 17_QPSK_10M_Right Tilted_Ch23790_25RB_Offset 12

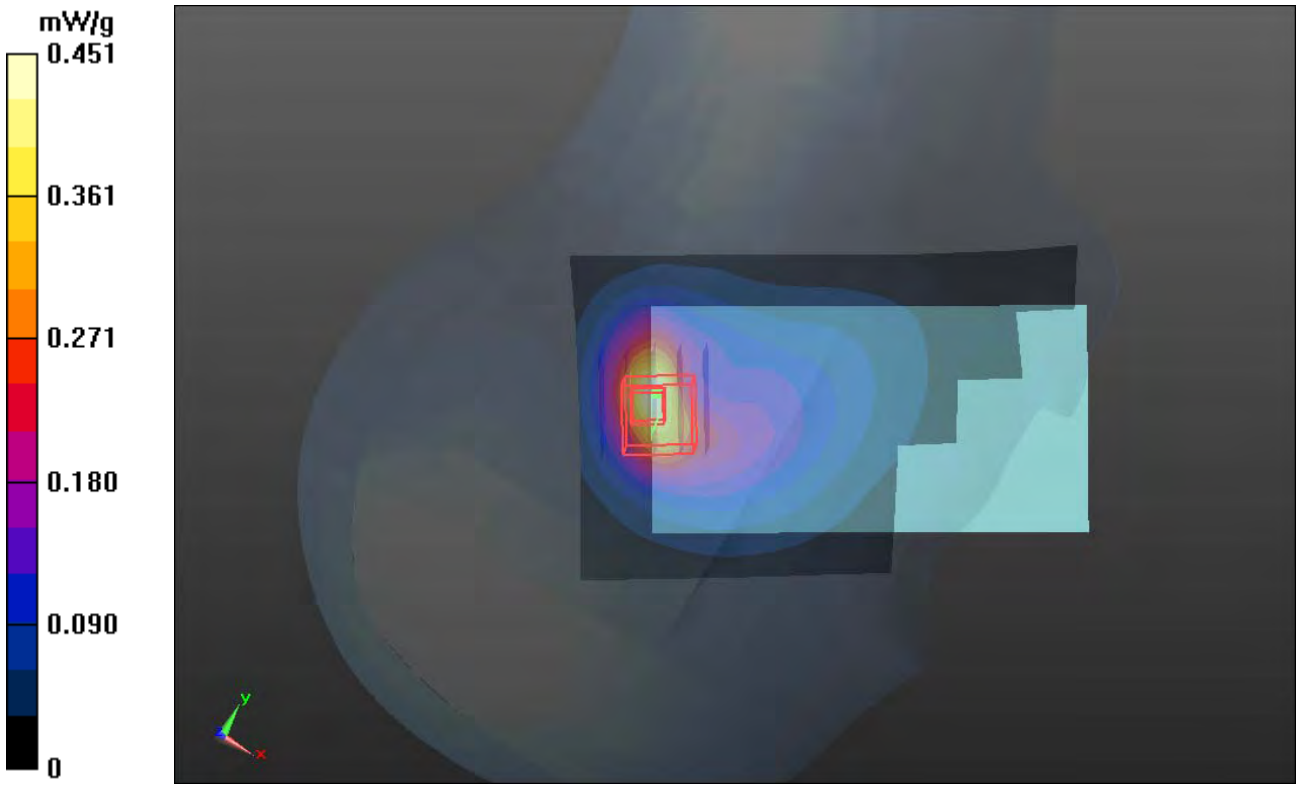
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.451 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.262 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.571 mW/g
SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.156 mW/g
Maximum value of SAR (measured) = 0.397 mW/g



P552 LTE 17_QPSK_10M_Left Cheek_Ch23790_25RB_Offset 12

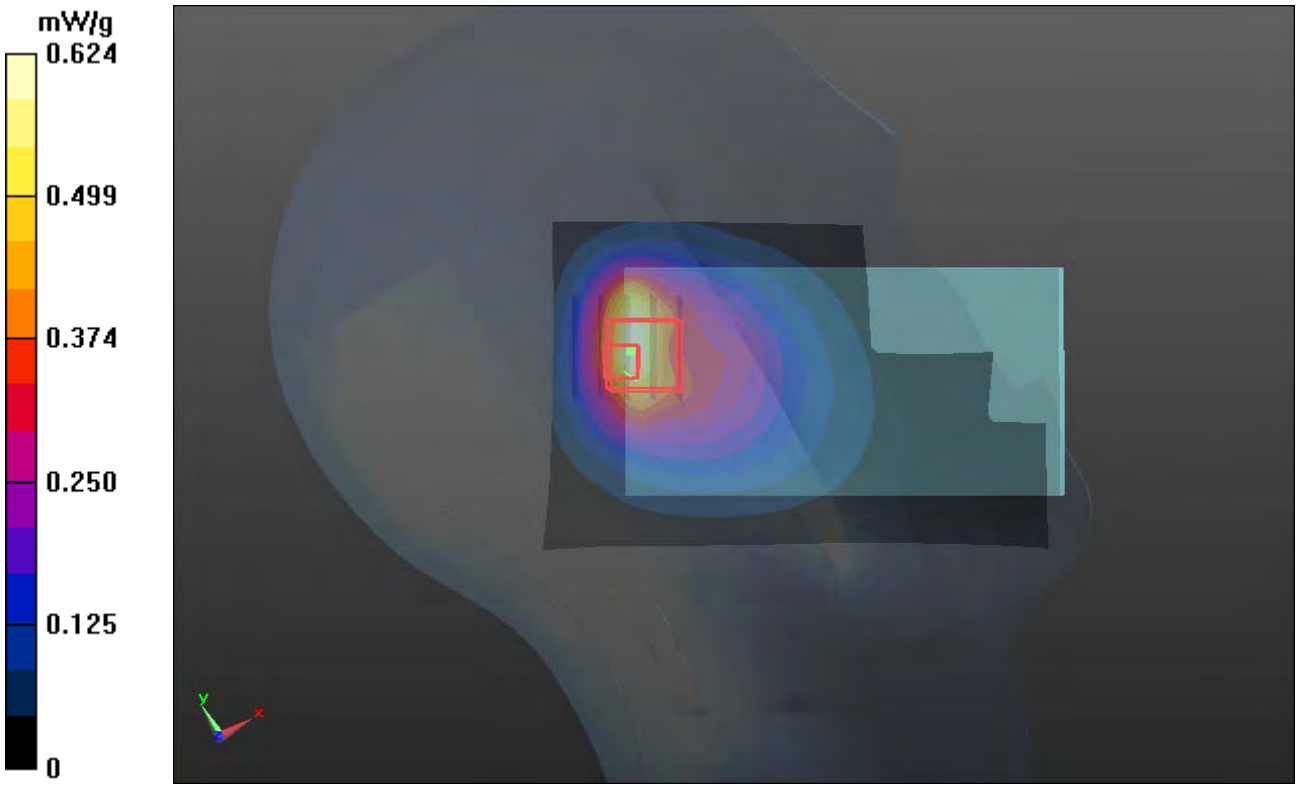
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.624 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.903 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.711 mW/g
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.199 mW/g
Maximum value of SAR (measured) = 0.504 mW/g



P553 LTE 17_QPSK_10M_Left Tilted_Ch23790_25RB_Offset 12

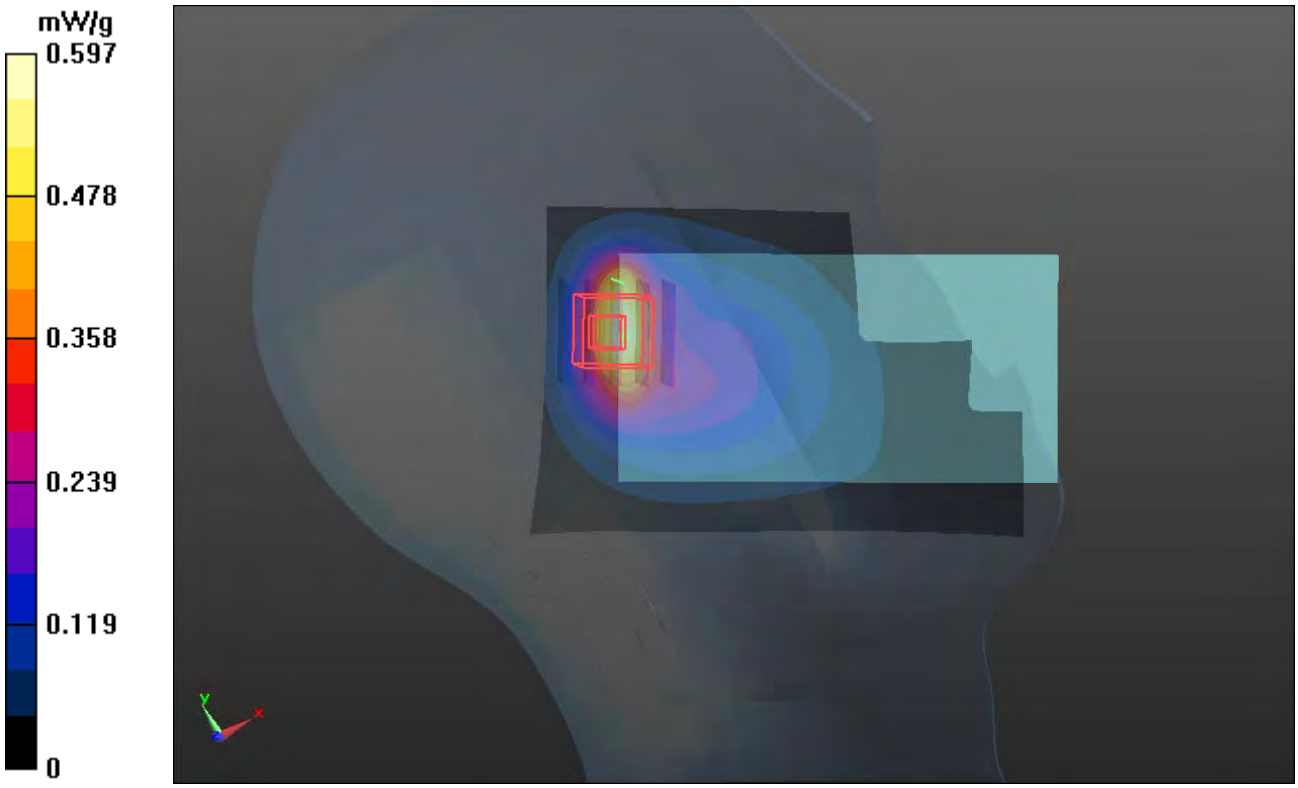
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.597 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.774 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.703 mW/g
SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.455 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/11

P554 LTE 17_QPSK_10M_Right Cheek_Ch23790_1RB_Offset 0

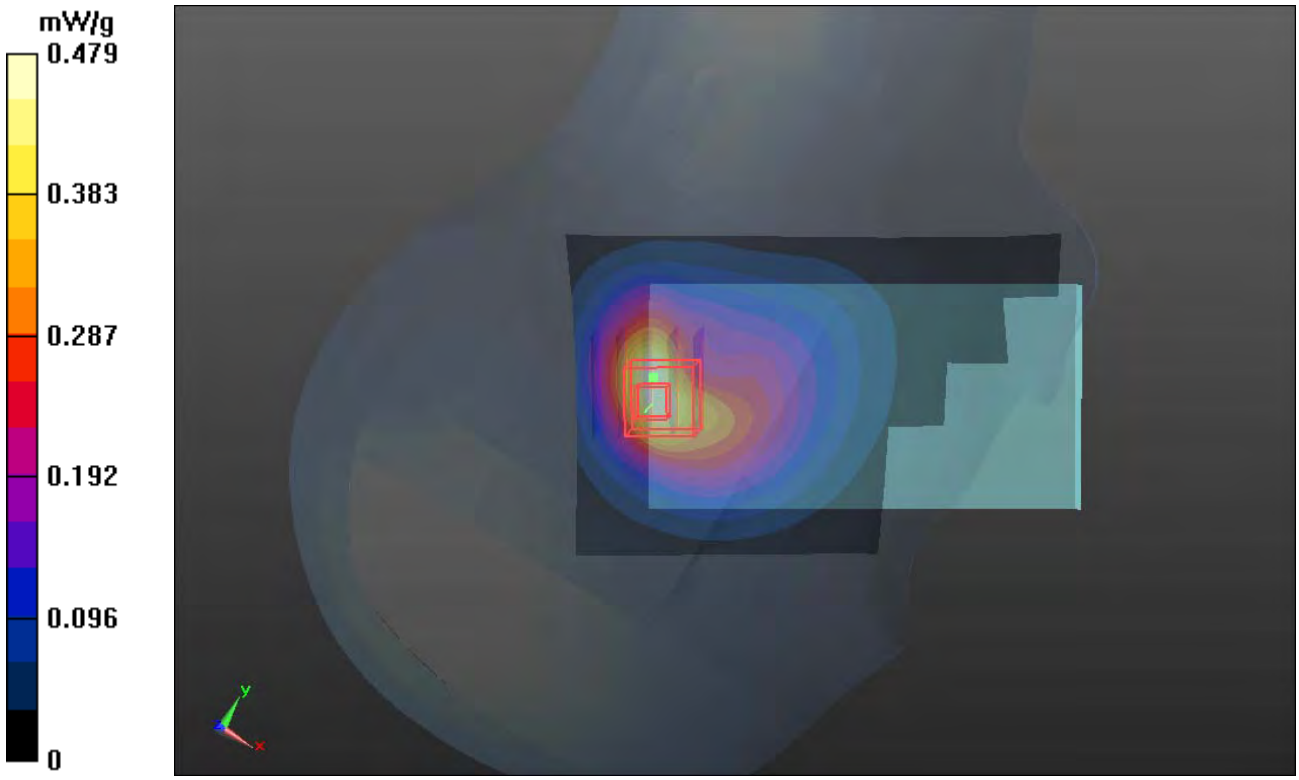
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.479 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.165 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.593 mW/g
SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.198 mW/g
Maximum value of SAR (measured) = 0.451 mW/g



P555 LTE 17_QPSK_10M_Right Tilted_Ch23790_1RB_Offset 0

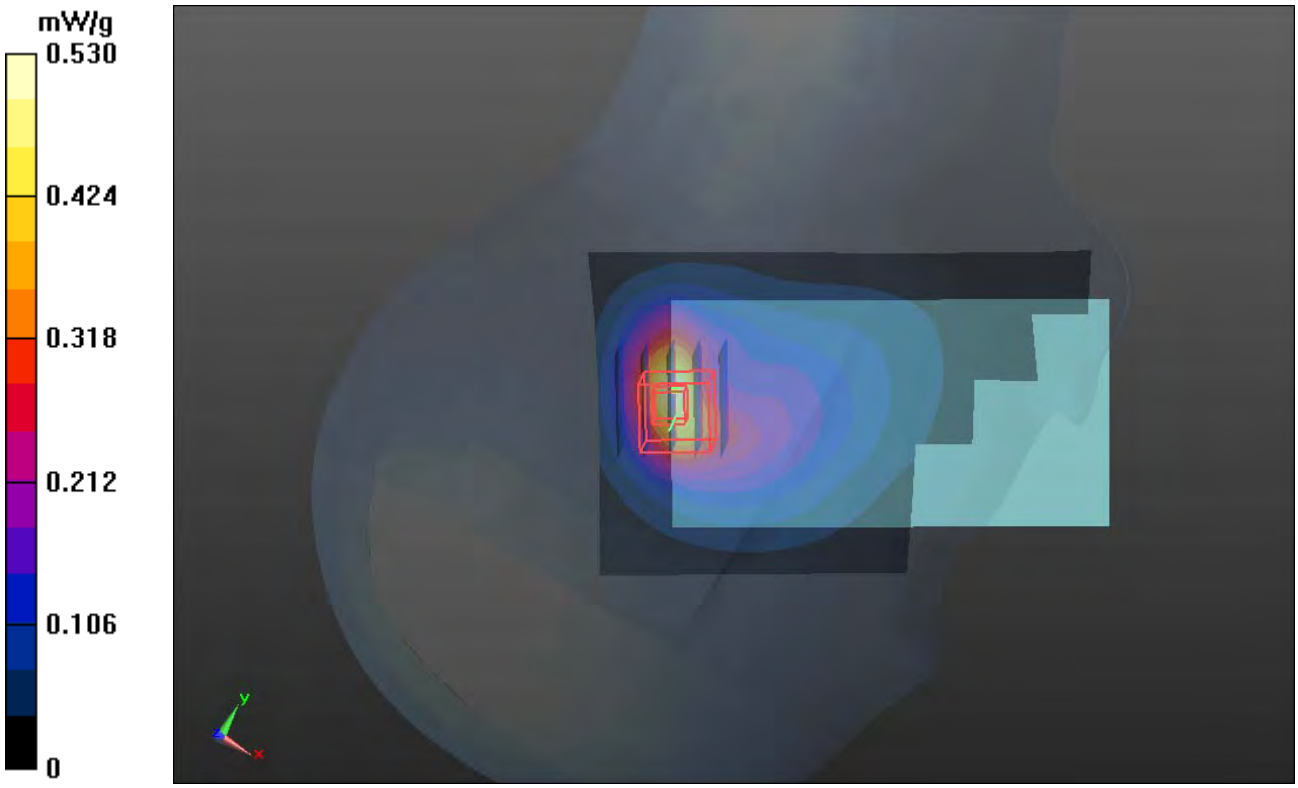
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.530 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.196 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.652 mW/g
SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.183 mW/g
Maximum value of SAR (measured) = 0.461 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/11

P556 LTE 17_QPSK_10M_Left Cheek_Ch23790_1RB_Offset 0

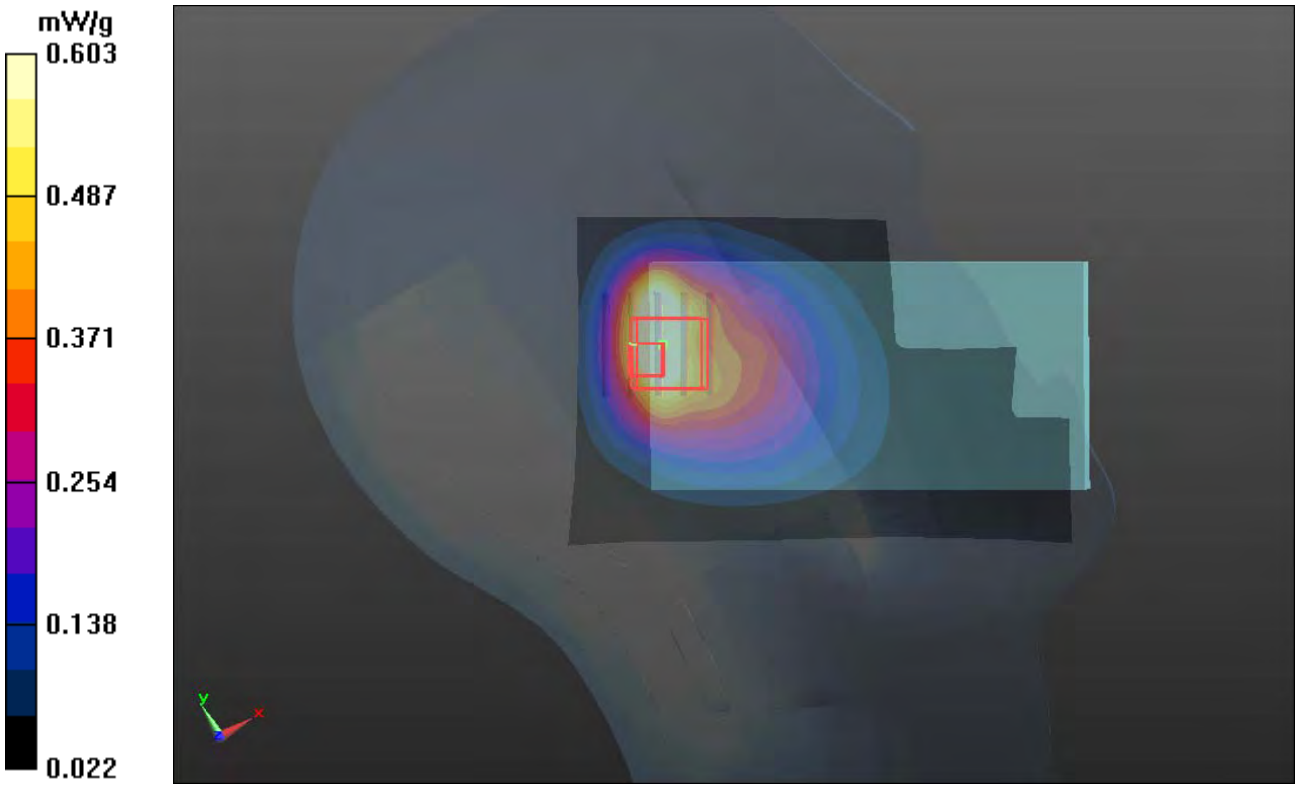
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.754 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.430 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.846 mW/g
SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.244 mW/g
Maximum value of SAR (measured) = 0.603 mW/g



P557 LTE 17_QPSK_10M_Left Tilted_Ch23790_1RB_Offset 0

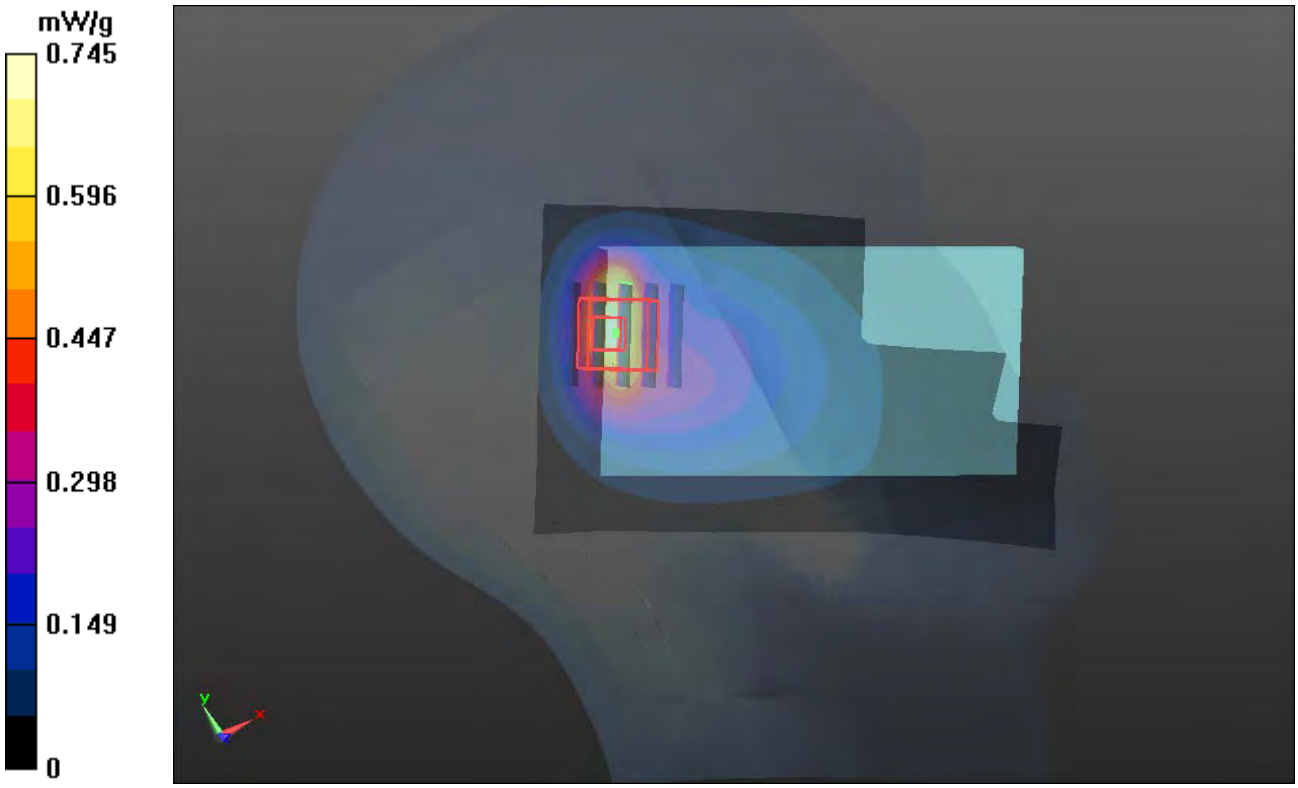
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.745 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.741 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.864 mW/g
SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.218 mW/g
Maximum value of SAR (measured) = 0.557 mW/g



P558 LTE 17_QPSK_10M_Right Cheek_Ch23790_1RB_Offset 49

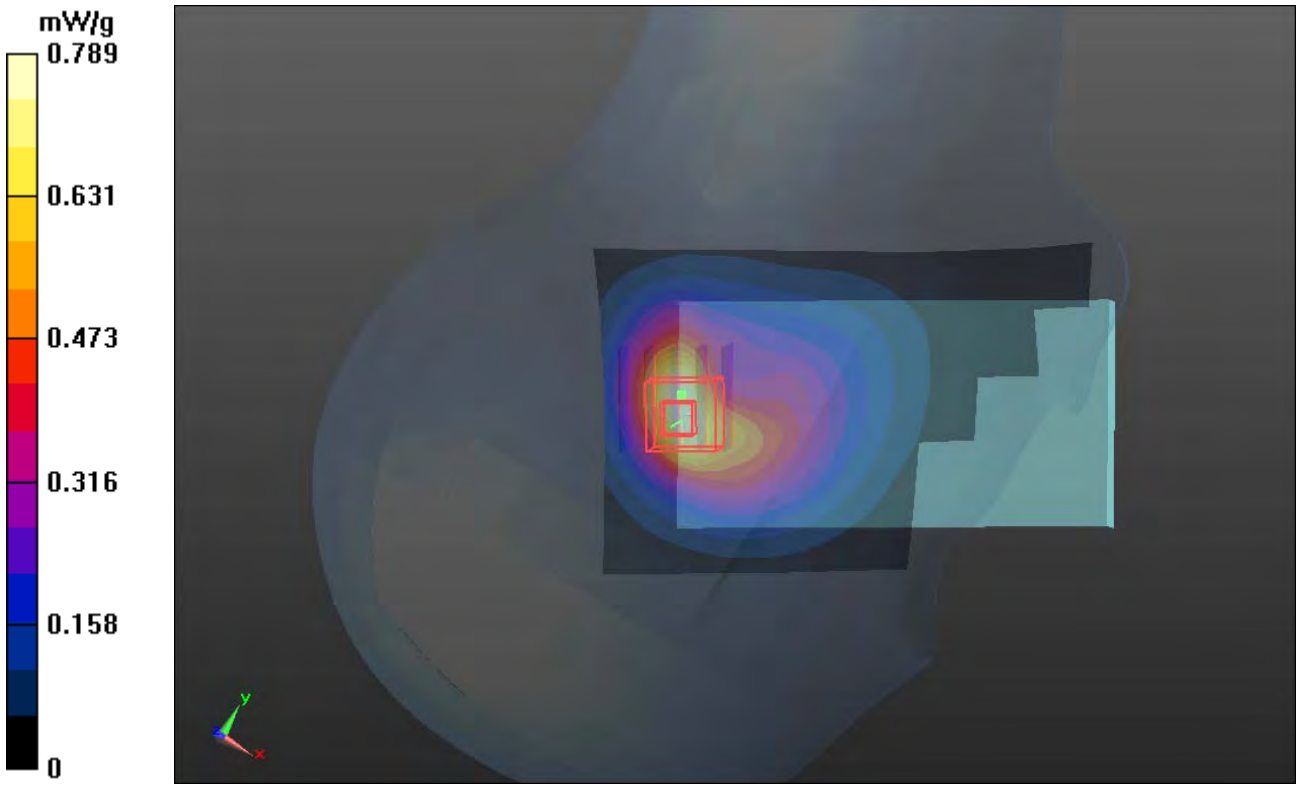
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.789 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.722 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.008 mW/g
SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.327 mW/g
Maximum value of SAR (measured) = 0.770 mW/g



P559 LTE 17_QPSK_10M_Right Tilted_Ch23790_1RB_Offset 49

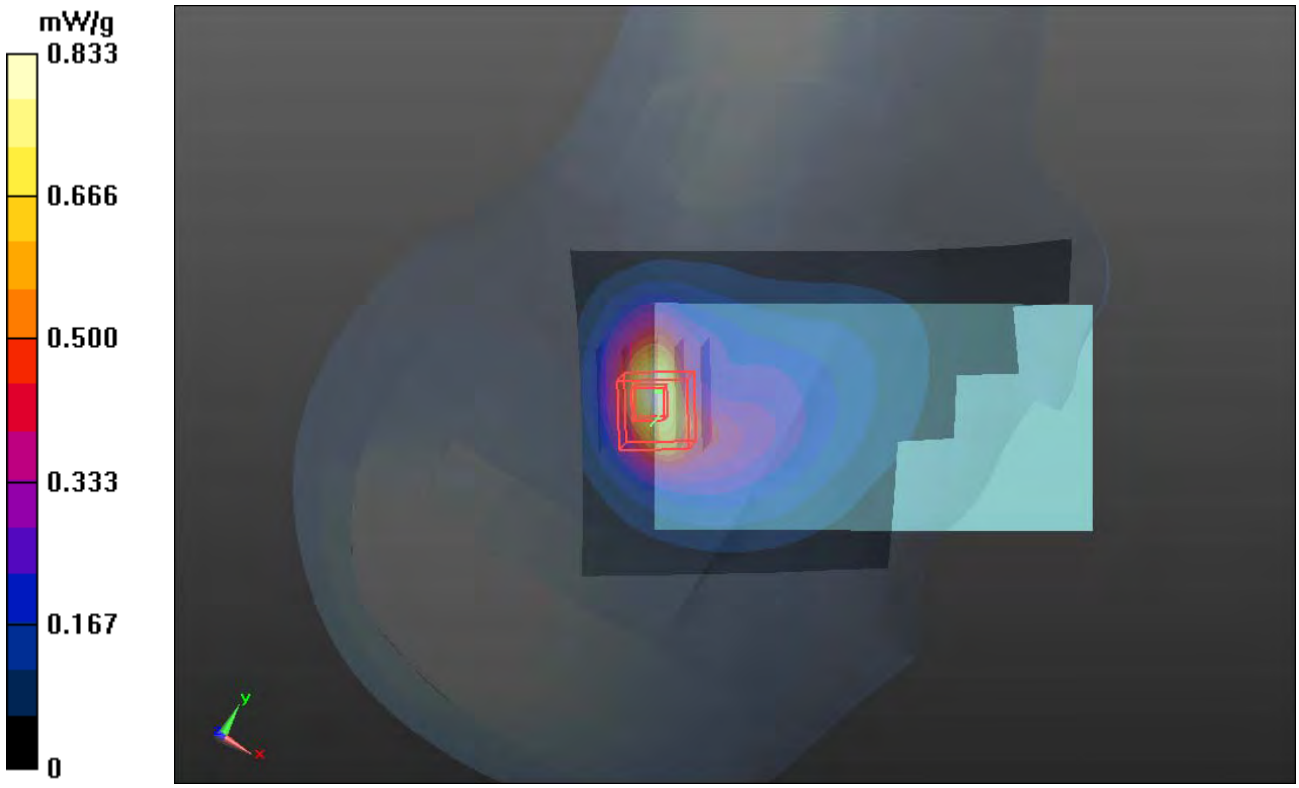
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.833 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.993 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.048 mW/g
SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.740 mW/g



P560 LTE 17_QPSK_10M_Left Cheek_Ch23790_1RB_Offset 49

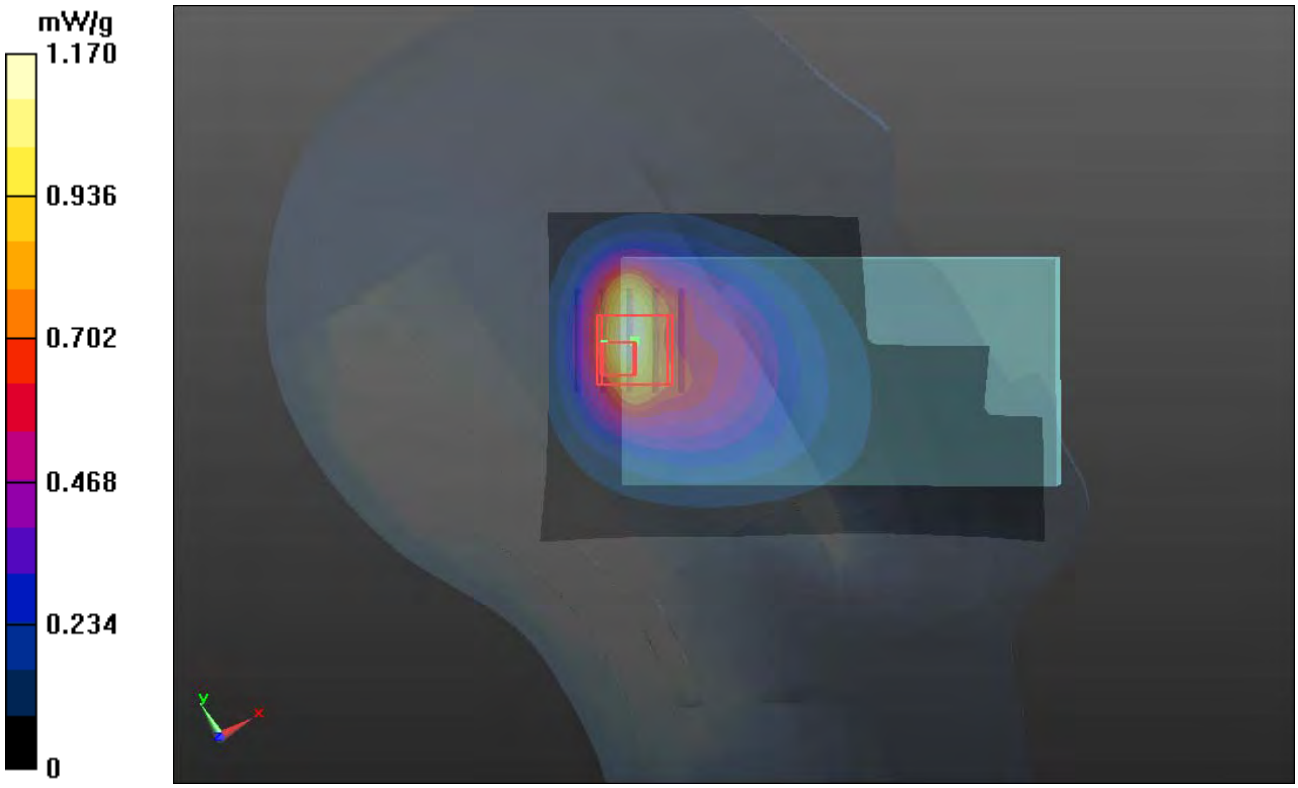
DUT: 120626C35

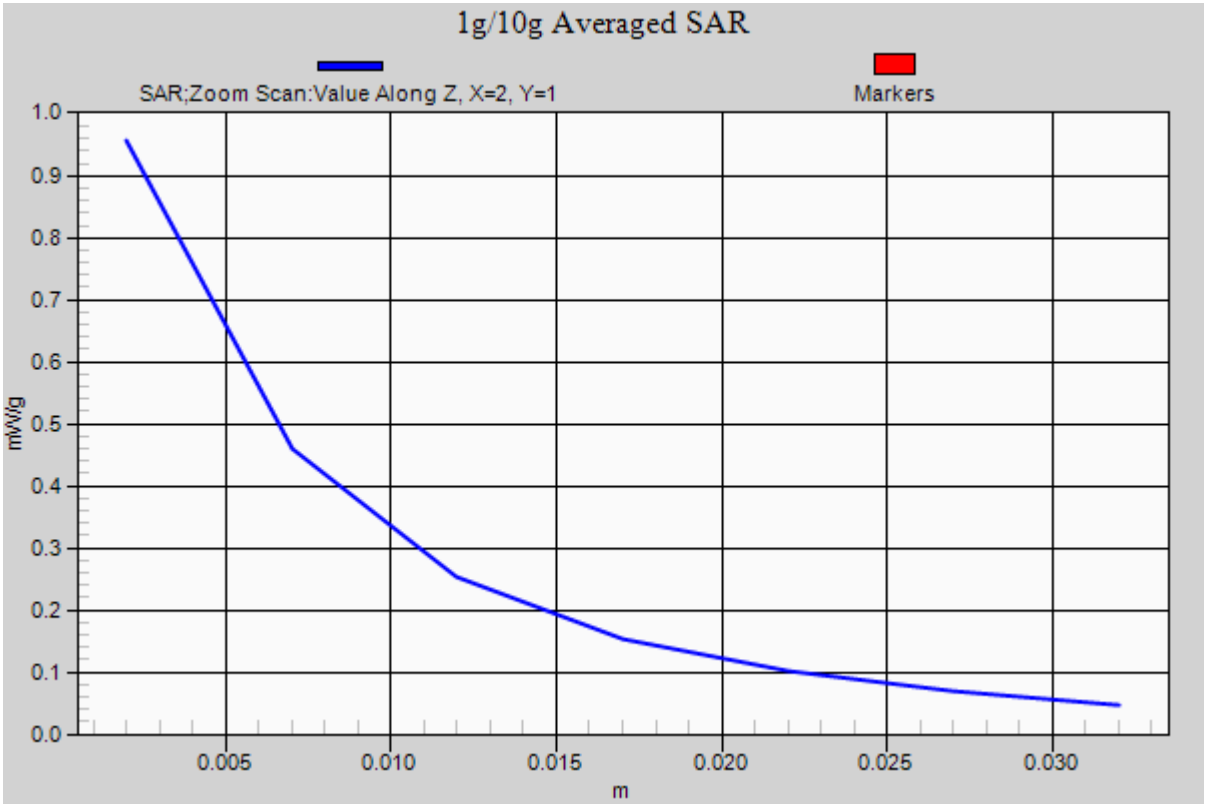
Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.789 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.332 mW/g
SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.372 mW/g
Maximum value of SAR (measured) = 0.956 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=1
Markers
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P561 LTE 17_QPSK_10M_Left Tilted_Ch23790_1RB_Offset 49

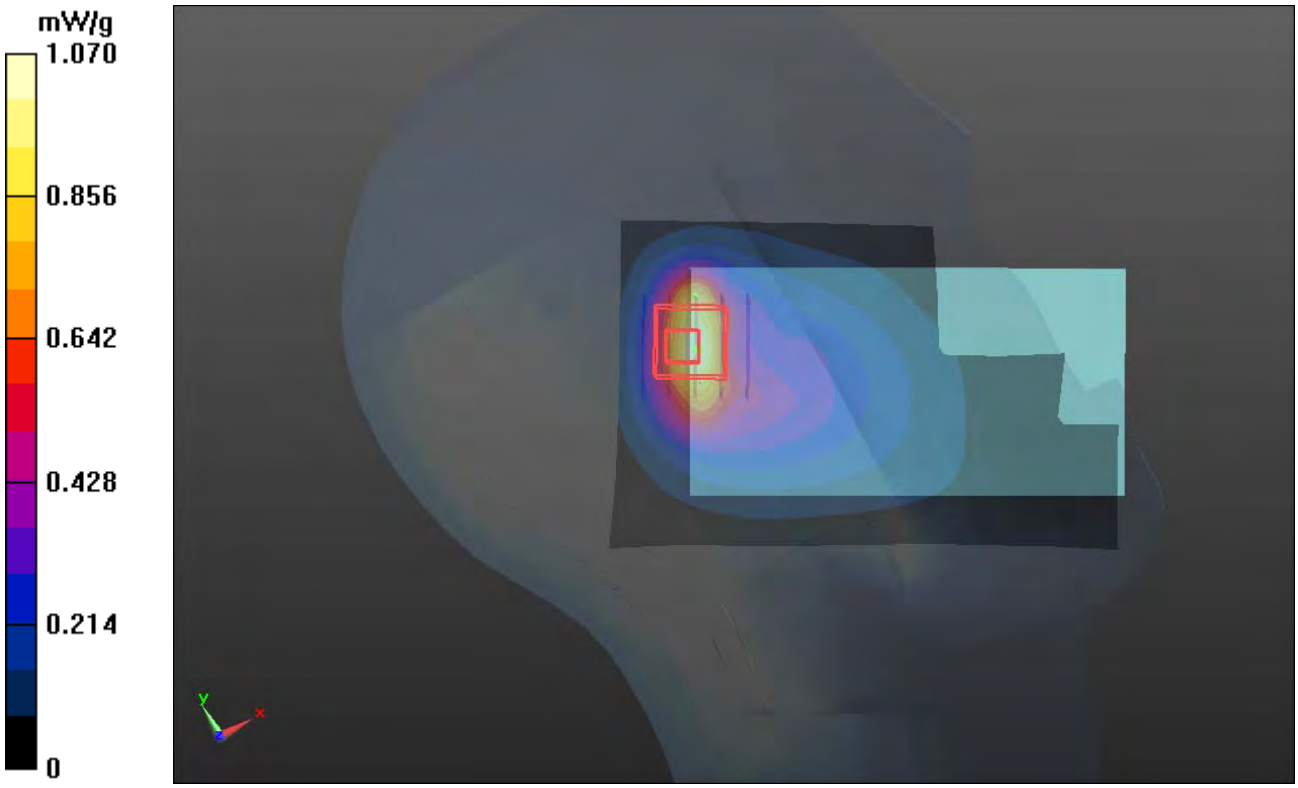
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.07 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.377 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.279 mW/g
SAR(1 g) = 0.593 mW/g; SAR(10 g) = 0.317 mW/g
Maximum value of SAR (measured) = 0.824 mW/g



P830 LTE 17_16QAM_10M_Right Cheek_Ch23790_1RB_Offset 49

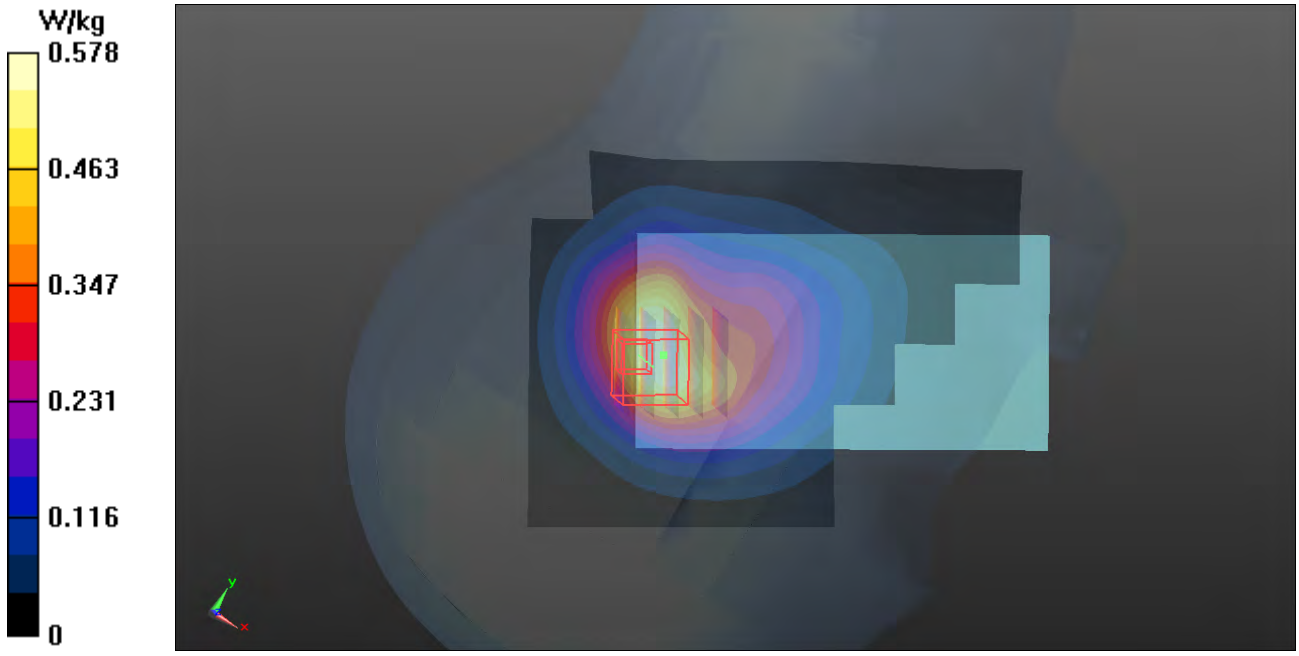
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_1029 Medium parameters used: f = 710 MHz; σ = 0.857 mho/m; ε_r = 42.088; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23790/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.578 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.122 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.864 mW/g
SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.281 mW/g
Maximum value of SAR (measured) = 0.633 W/kg



P833 LTE 17_16QAM_10M_Right Tilted_Ch23790_1RB_Offset 49

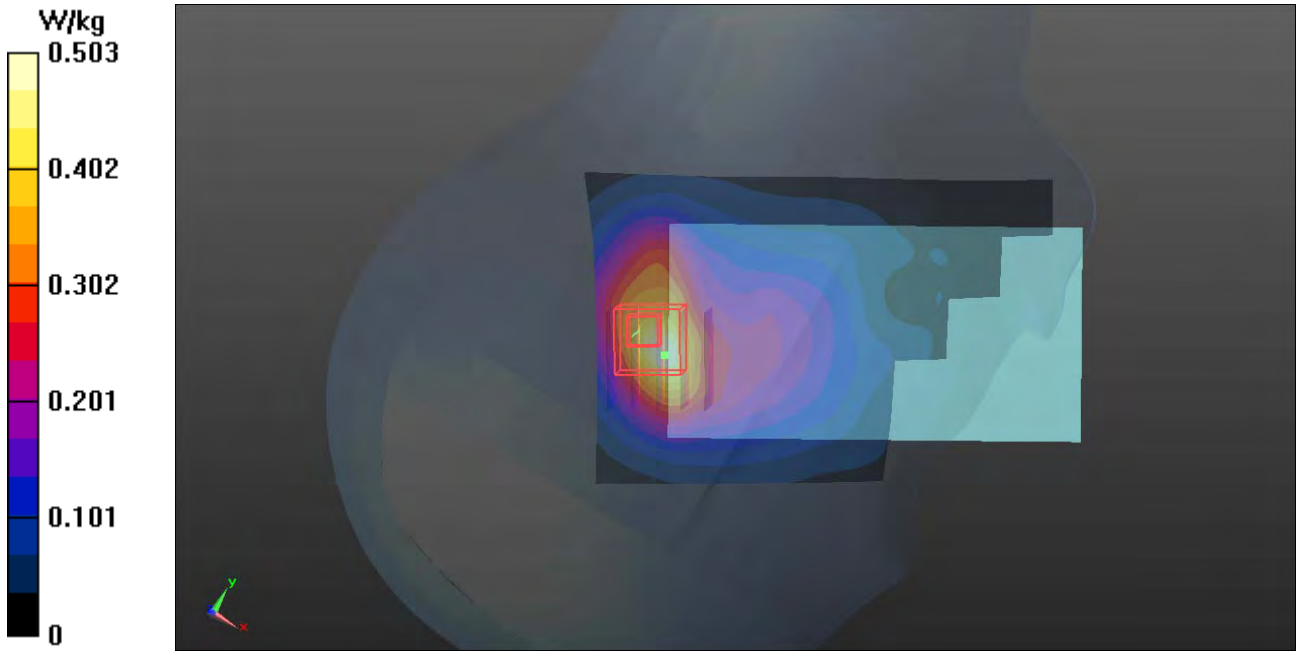
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_1029 Medium parameters used: f = 710 MHz; σ = 0.857 mho/m; ε_r = 42.088; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.503 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.710 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.884 mW/g
SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.230 mW/g
Maximum value of SAR (measured) = 0.642 W/kg



P562 LTE 17_16QAM_10M_Left Cheek_Ch23790_25RB_Offset 12

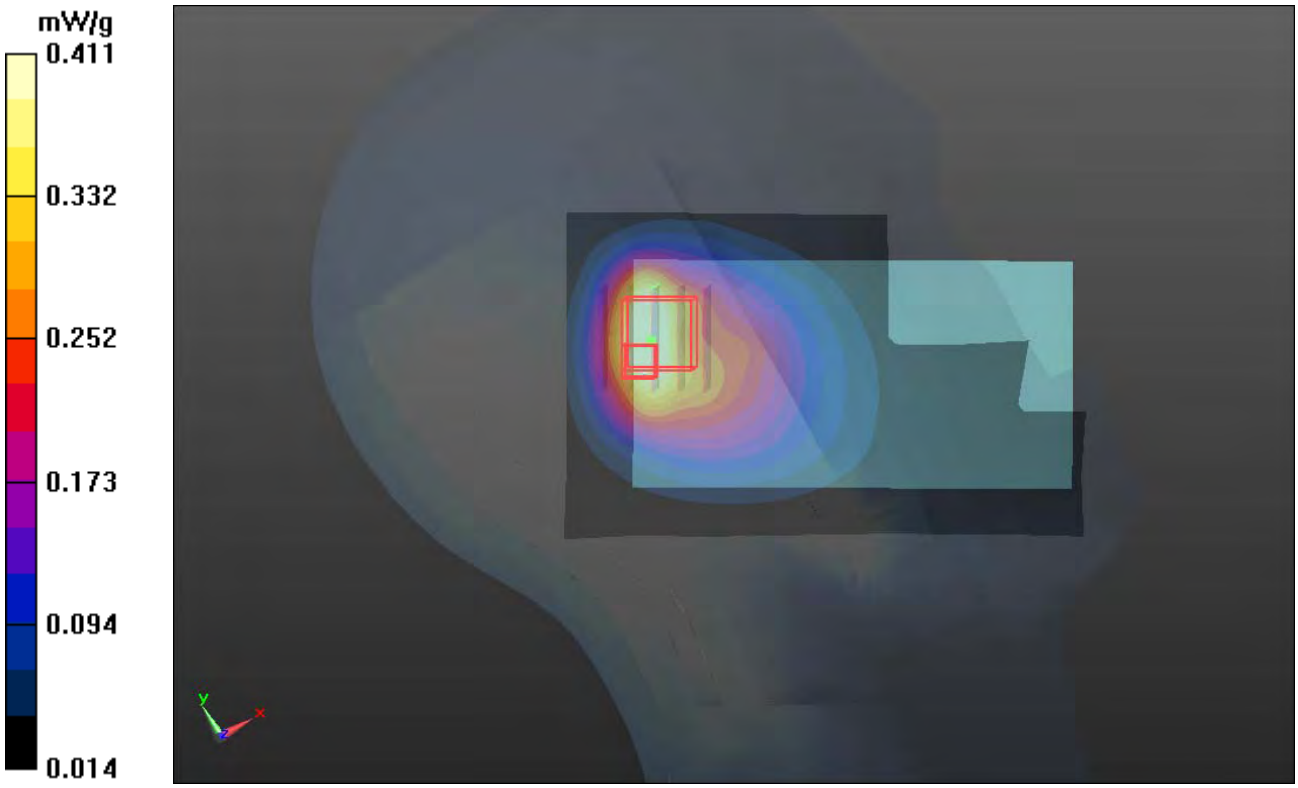
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.494 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.776 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.569 mW/g
SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.162 mW/g
Maximum value of SAR (measured) = 0.411 mW/g



P563 LTE 17_16QAM_10M_Left Cheek_Ch23790_1RB_Offset 0

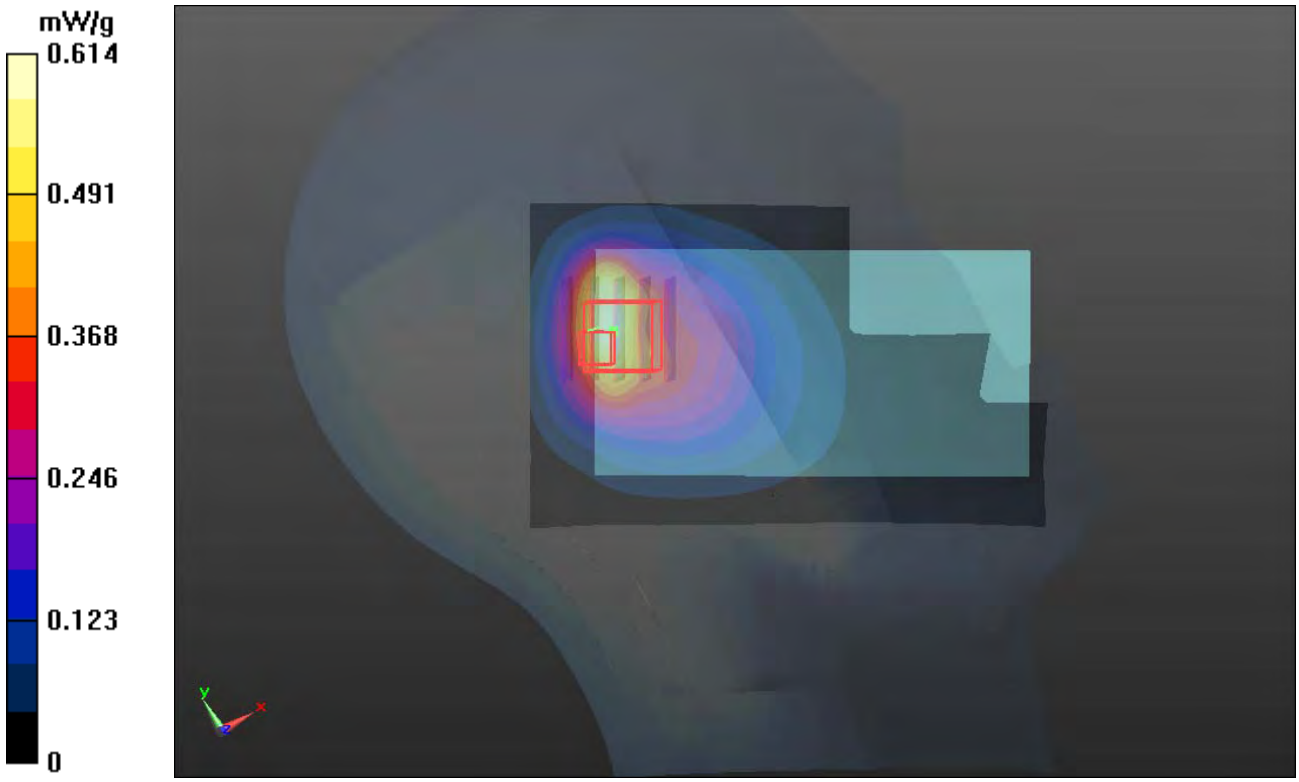
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.614 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.232 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.703 mW/g
SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.517 mW/g



P564 LTE 17_16QAM_10M_Left Cheek_Ch23790_1RB_Offset 49

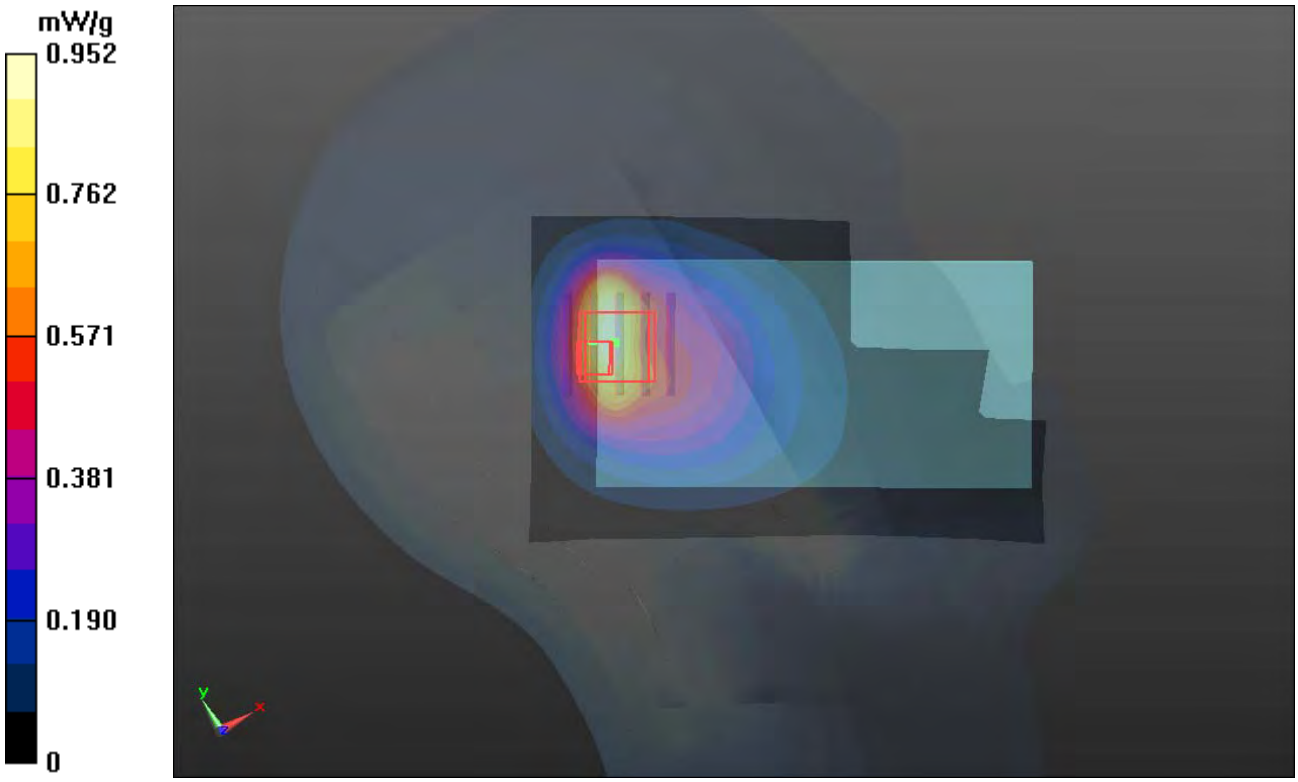
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_0711 Medium parameters used: f = 710 MHz; σ = 0.868 mho/m; ε_r = 41.686; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.952 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.011 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.085 mW/g
SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.300 mW/g
Maximum value of SAR (measured) = 0.808 mW/g



P836 LTE 17_16QAM_10M_Left Tilted_Ch23790_1RB_Offset 49

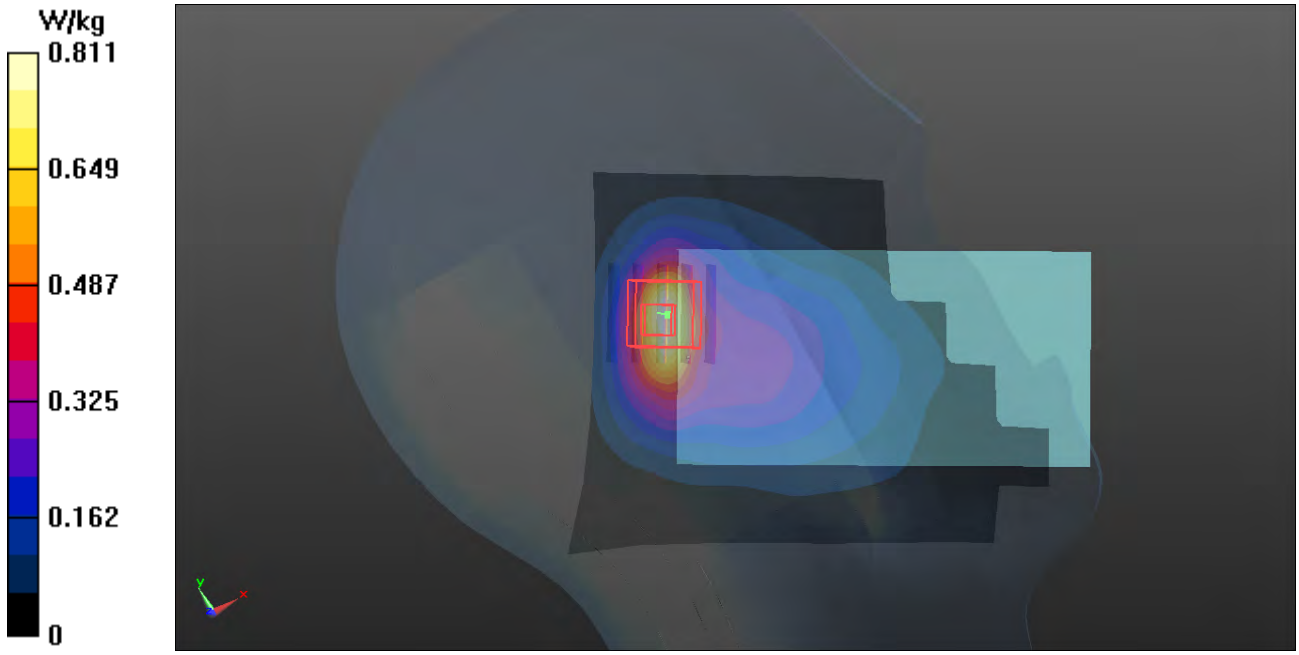
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: H750_1029 Medium parameters used: f = 710 MHz; σ = 0.857 mho/m; ε_r = 42.088; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.62, 10.62, 10.62); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23790/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.811 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.499 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.086 mW/g
SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.267 mW/g
Maximum value of SAR (measured) = 0.732 W/kg



P565 LTE 5_QPSK_10M_Right Cheek_Ch20600_25RB_Offset 12

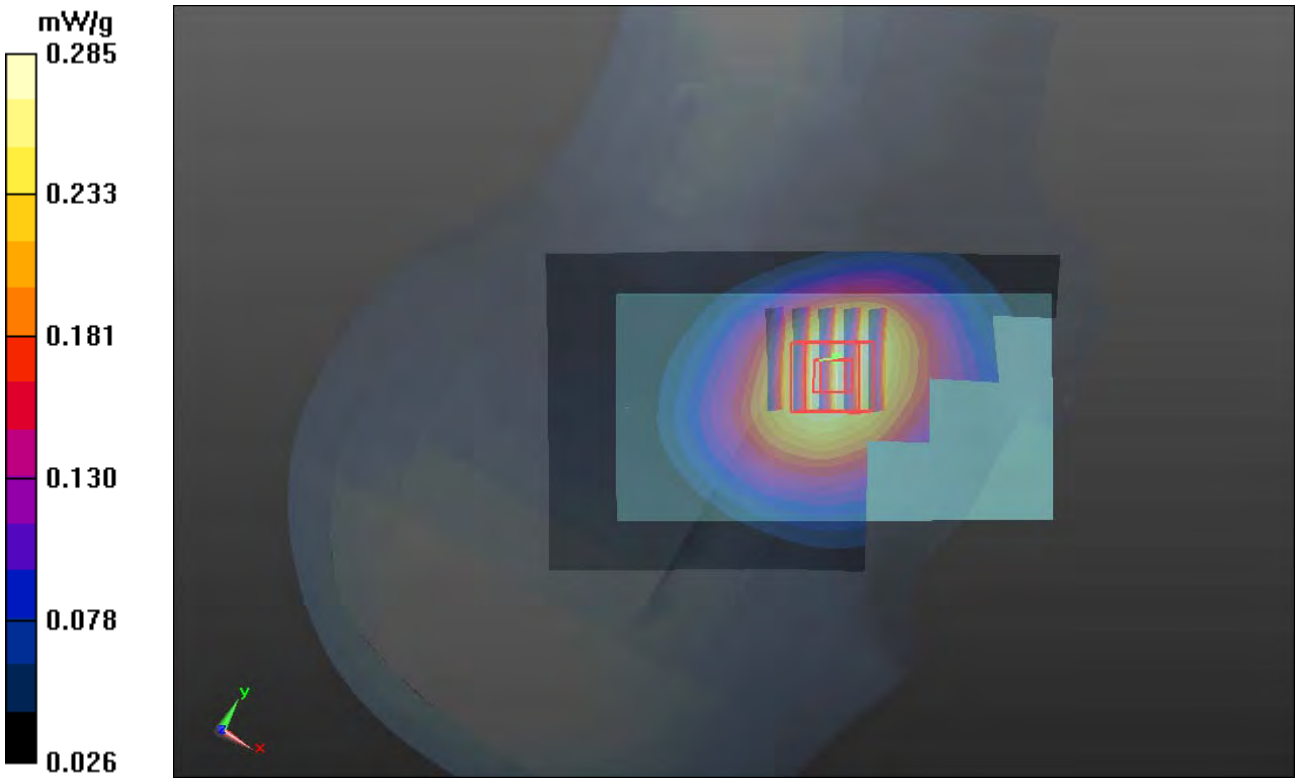
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.290 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.470 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.312 mW/g
SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.199 mW/g
Maximum value of SAR (measured) = 0.285 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/11

P566 LTE 5_QPSK_10M_Right Tilted_Ch20600_25RB_Offset 12

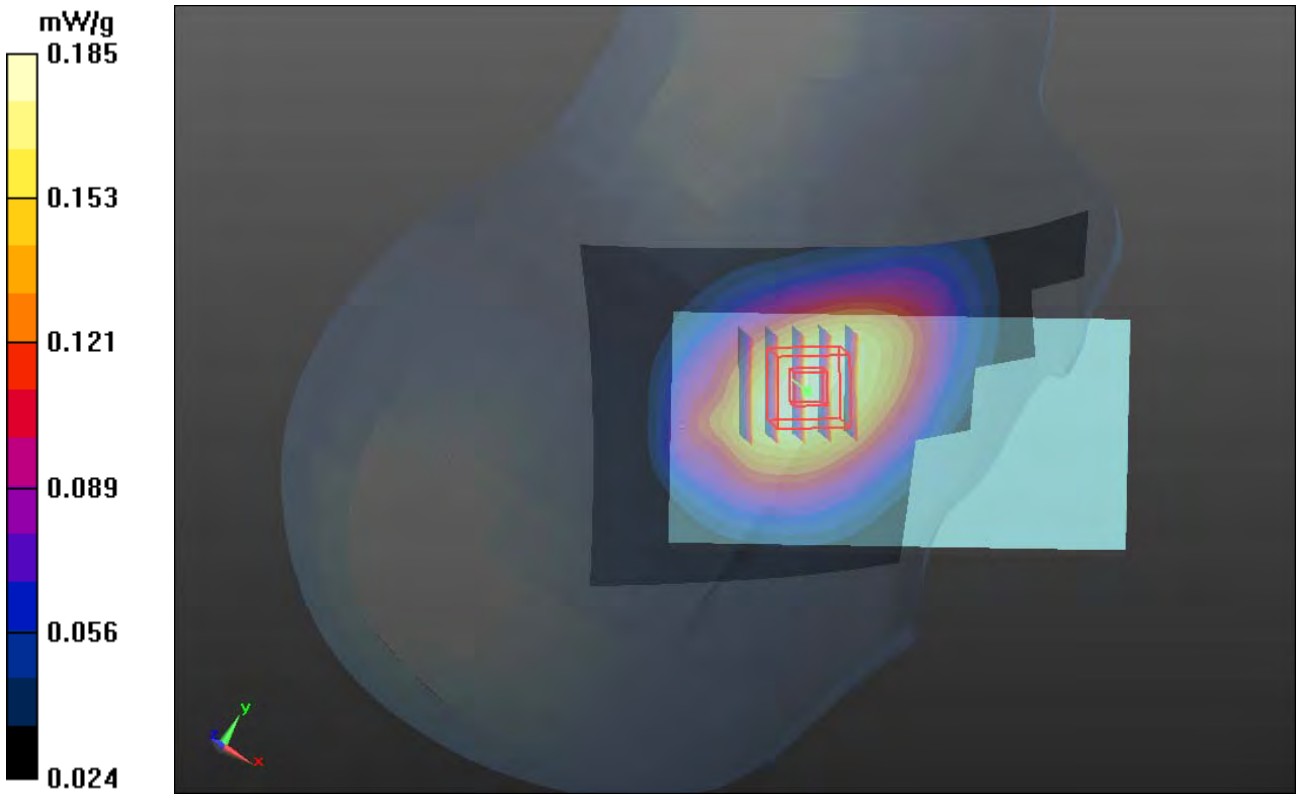
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.189 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.542 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.201 mW/g
SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.125 mW/g
Maximum value of SAR (measured) = 0.185 mW/g



P567 LTE 5_QPSK_10M_Left Cheek_Ch20600_25RB_Offset 12

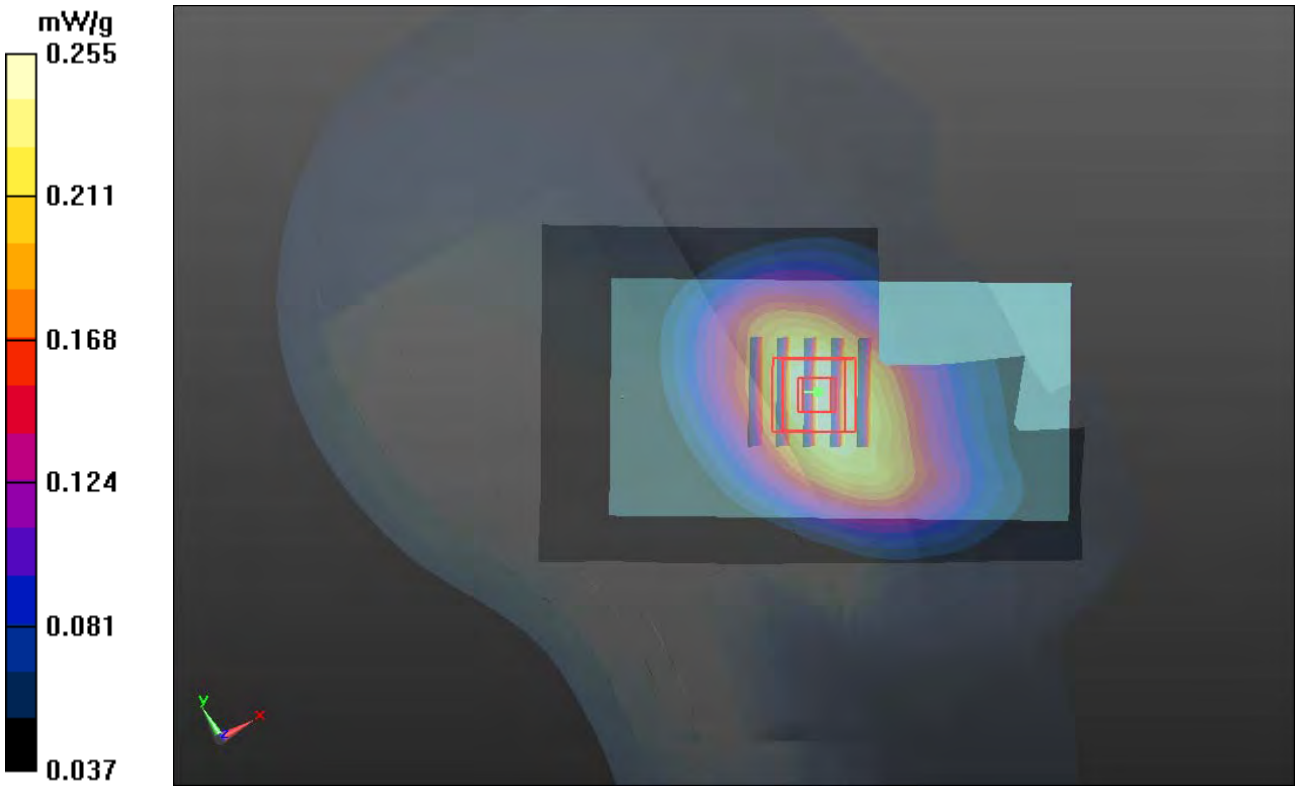
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.260 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.288 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.275 mW/g
SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.174 mW/g
Maximum value of SAR (measured) = 0.255 mW/g



P568 LTE 5_QPSK_10M_Left Tilted_Ch20600_25RB_Offset 12

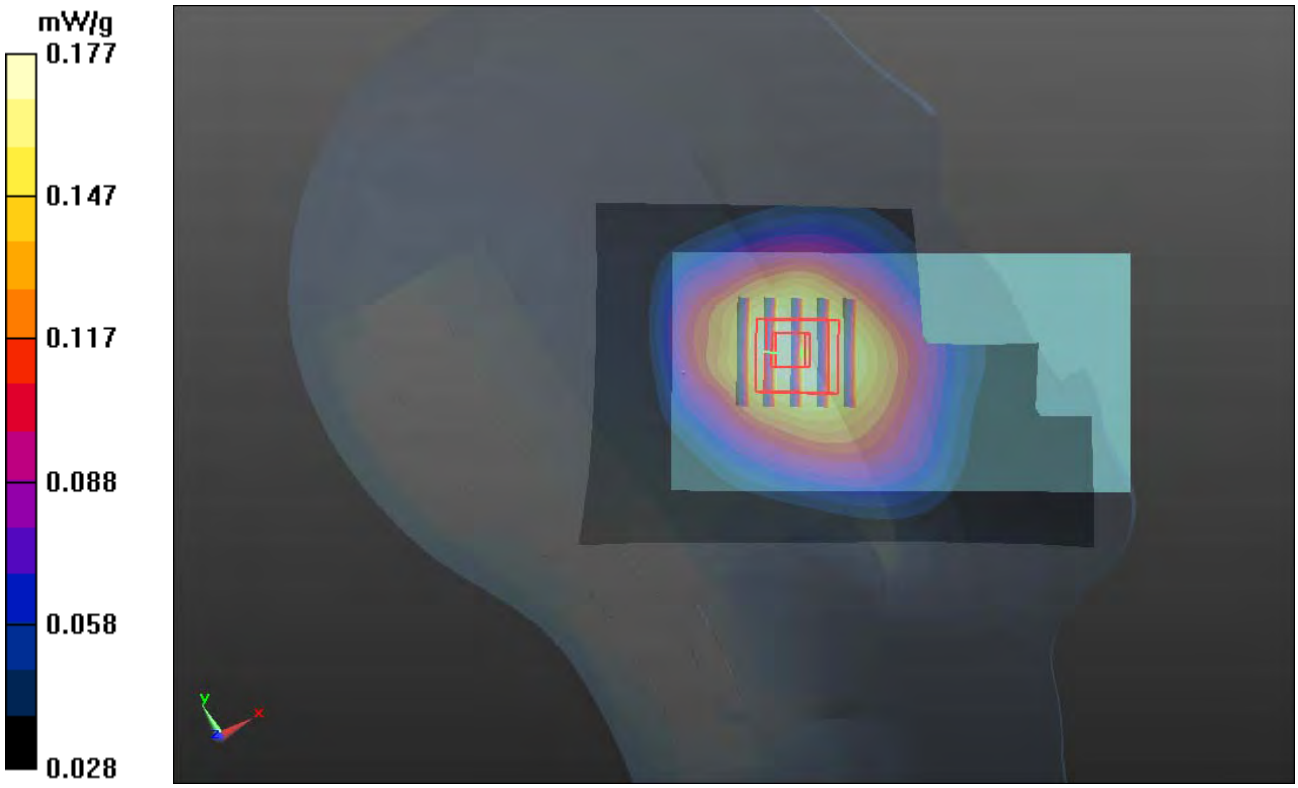
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.179 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.440 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.193 mW/g
SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.122 mW/g
Maximum value of SAR (measured) = 0.177 mW/g



P569 LTE 5_QPSK_10M_Right Cheek_Ch20600_1RB_Offset 0

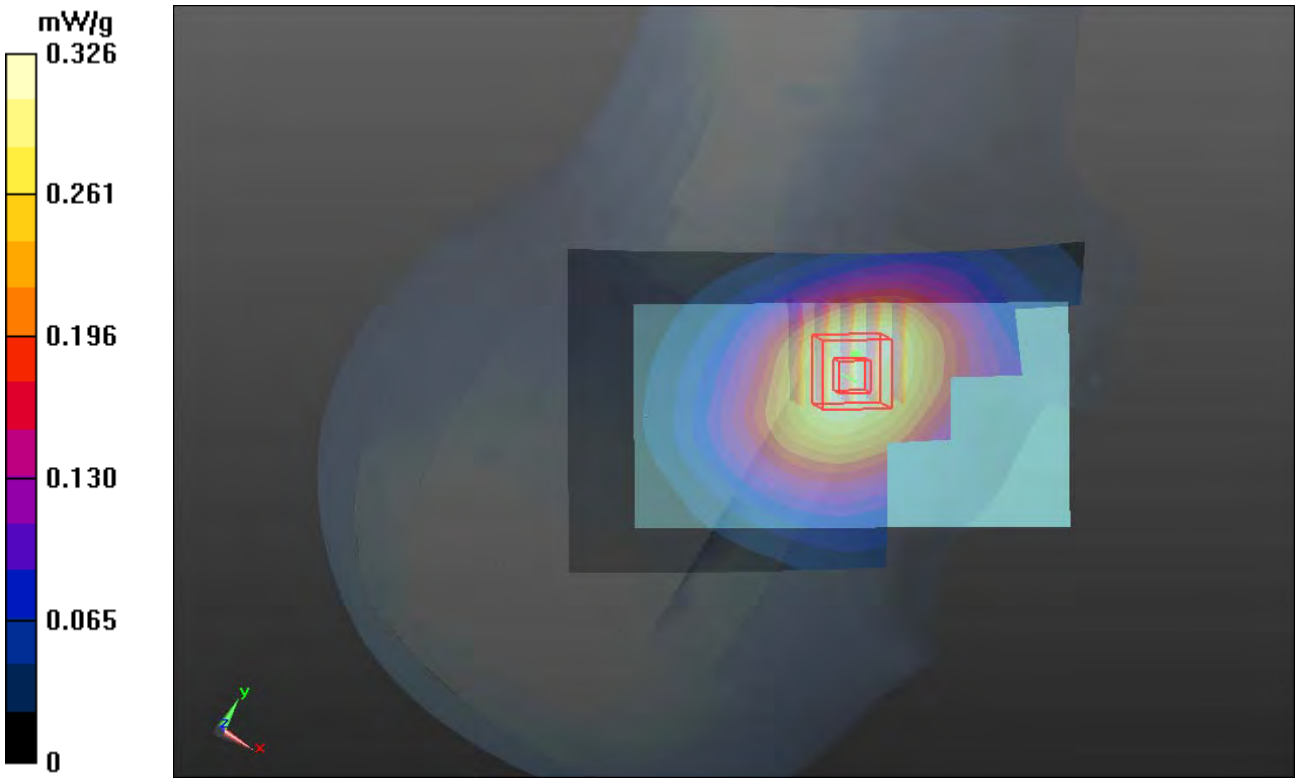
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.326 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.748 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.349 mW/g
SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.222 mW/g
Maximum value of SAR (measured) = 0.321 mW/g



P570 LTE 5_QPSK_10M_Right Tilted_Ch20600_1RB_Offset 0

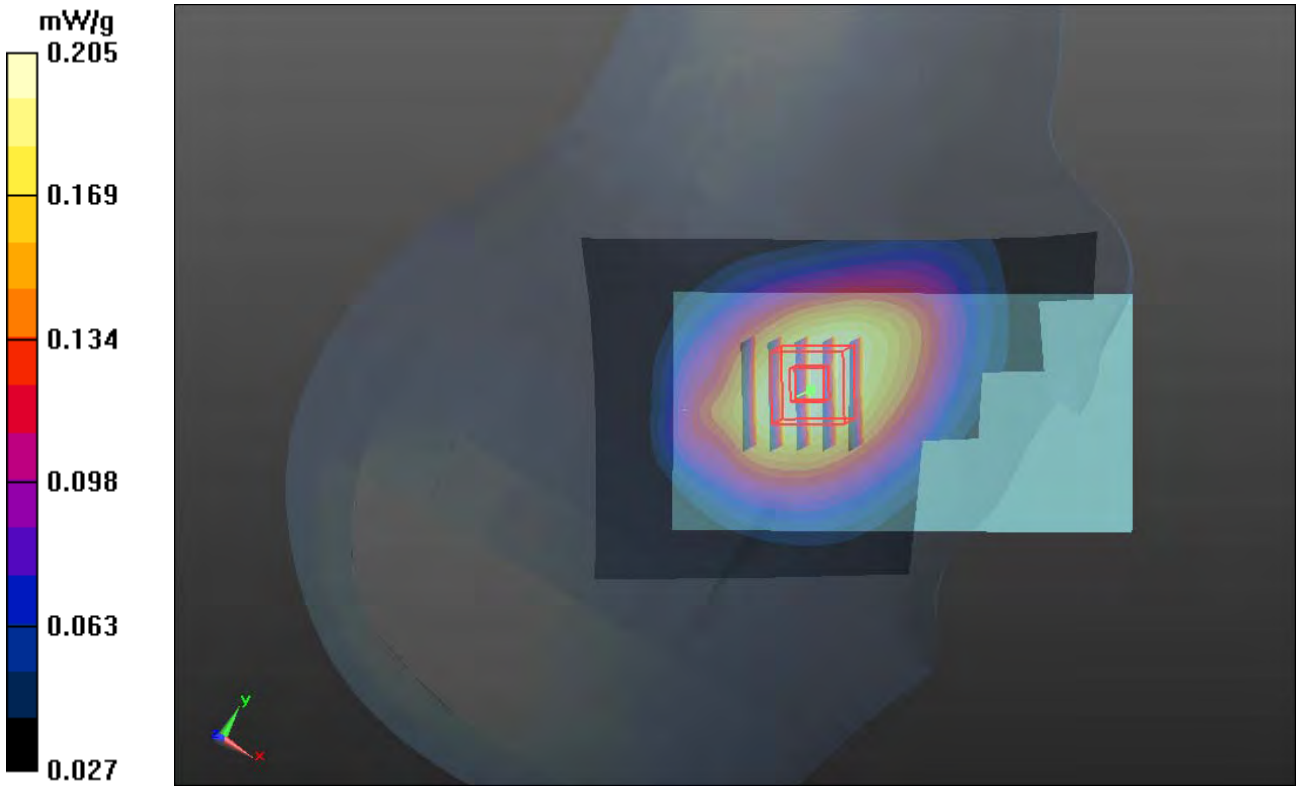
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.210 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.148 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.222 mW/g
SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.141 mW/g
Maximum value of SAR (measured) = 0.205 mW/g



P571 LTE 5_QPSK_10M_Left Cheek_Ch20600_1RB_Offset 0

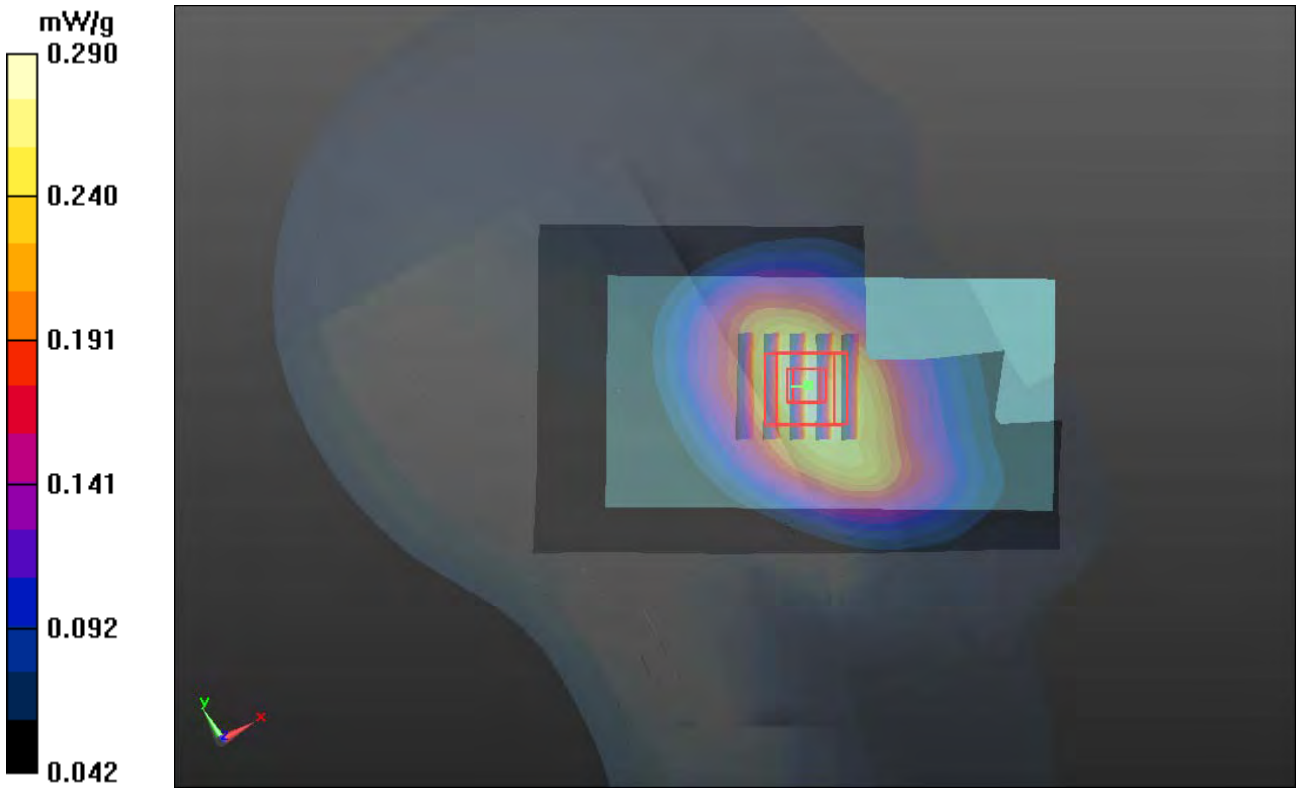
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.290 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.609 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.313 mW/g
SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.196 mW/g
Maximum value of SAR (measured) = 0.290 mW/g



P572 LTE 5_QPSK_10M_Left Tilted_Ch20600_1RB_Offset 0

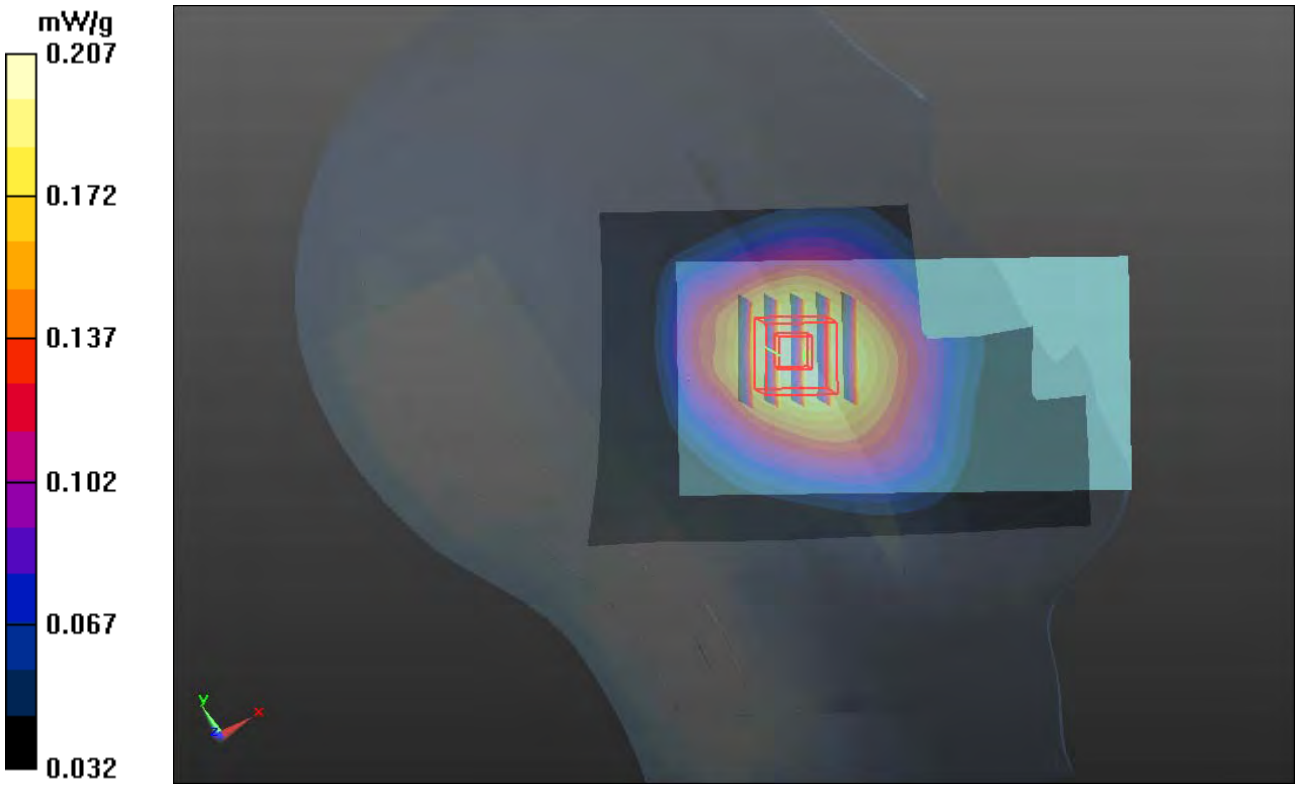
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.208 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.167 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.226 mW/g
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.142 mW/g
Maximum value of SAR (measured) = 0.207 mW/g



P573 LTE 5_QPSK_10M_Right Cheek_Ch20600_1RB_Offset 49

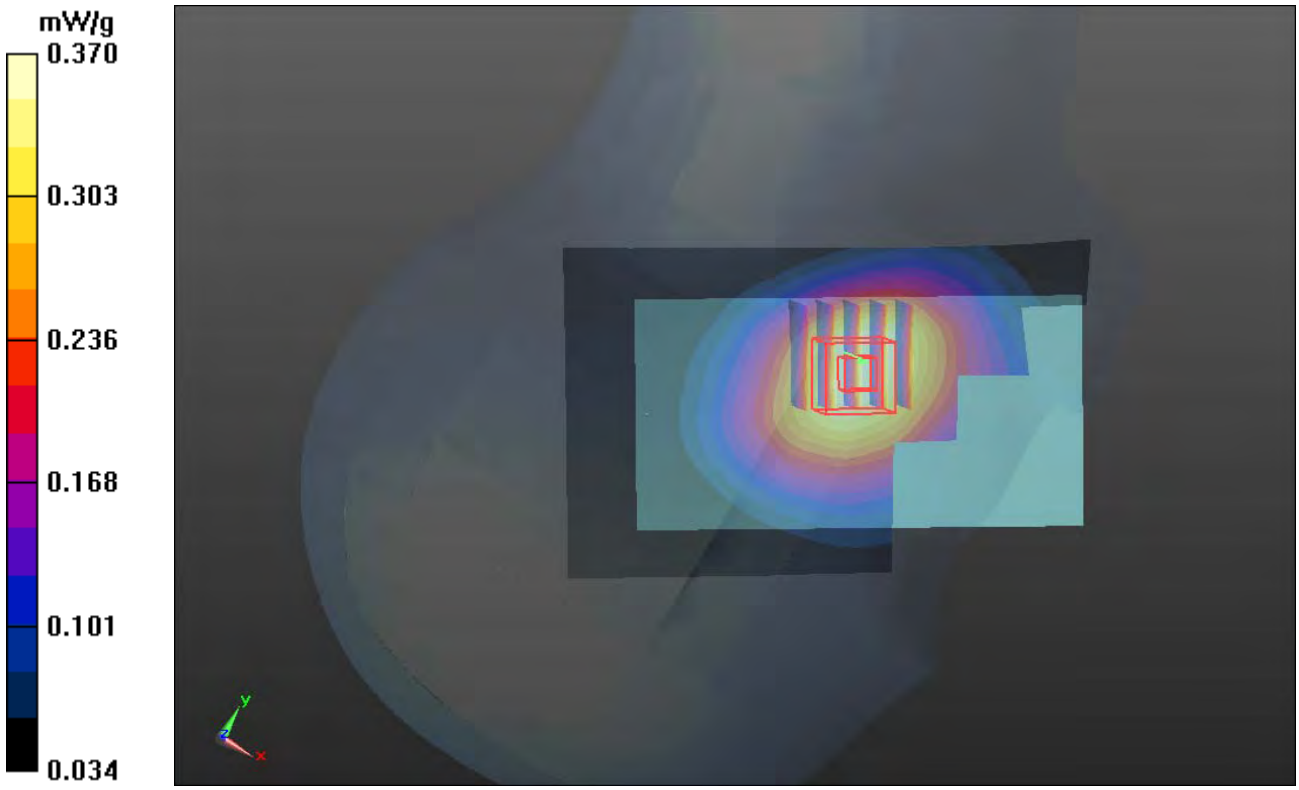
DUT: 120626C35

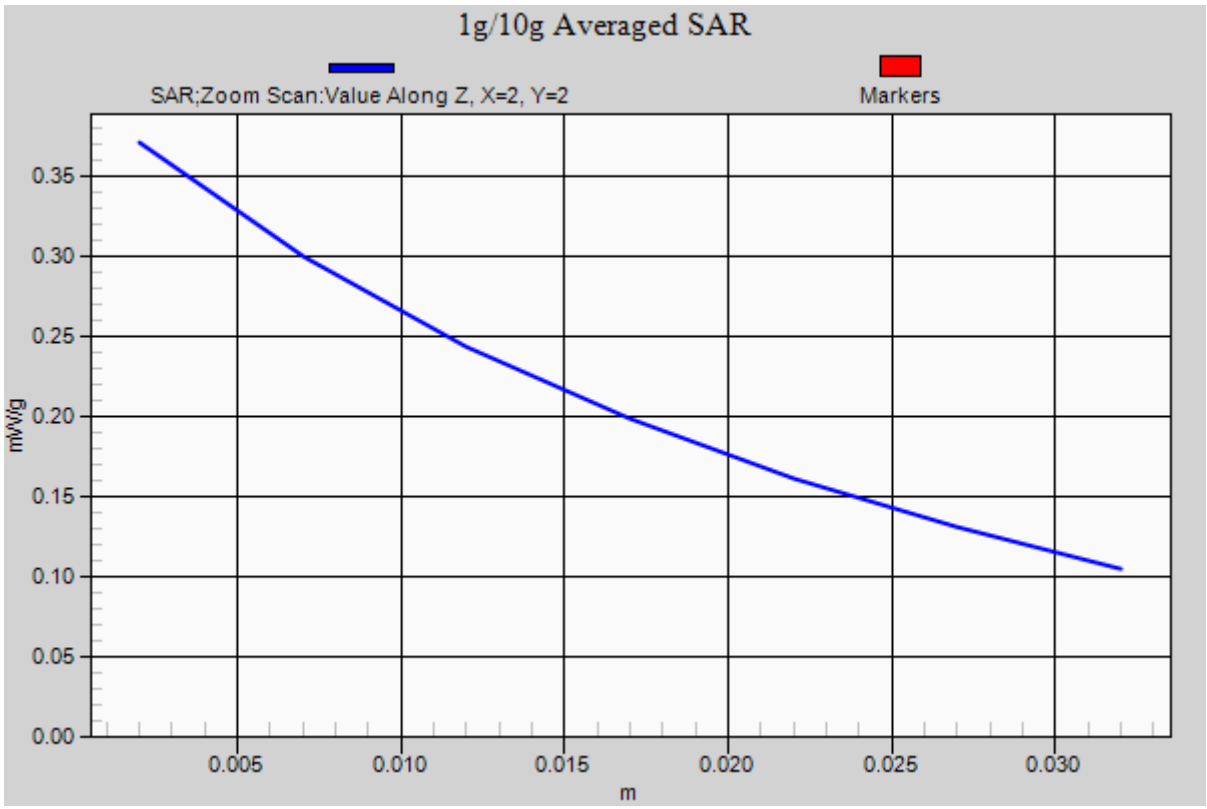
Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.376 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.149 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.404 mW/g
SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.255 mW/g
Maximum value of SAR (measured) = 0.370 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P574 LTE 5_QPSK_10M_Right Tilted_Ch20600_1RB_Offset 49

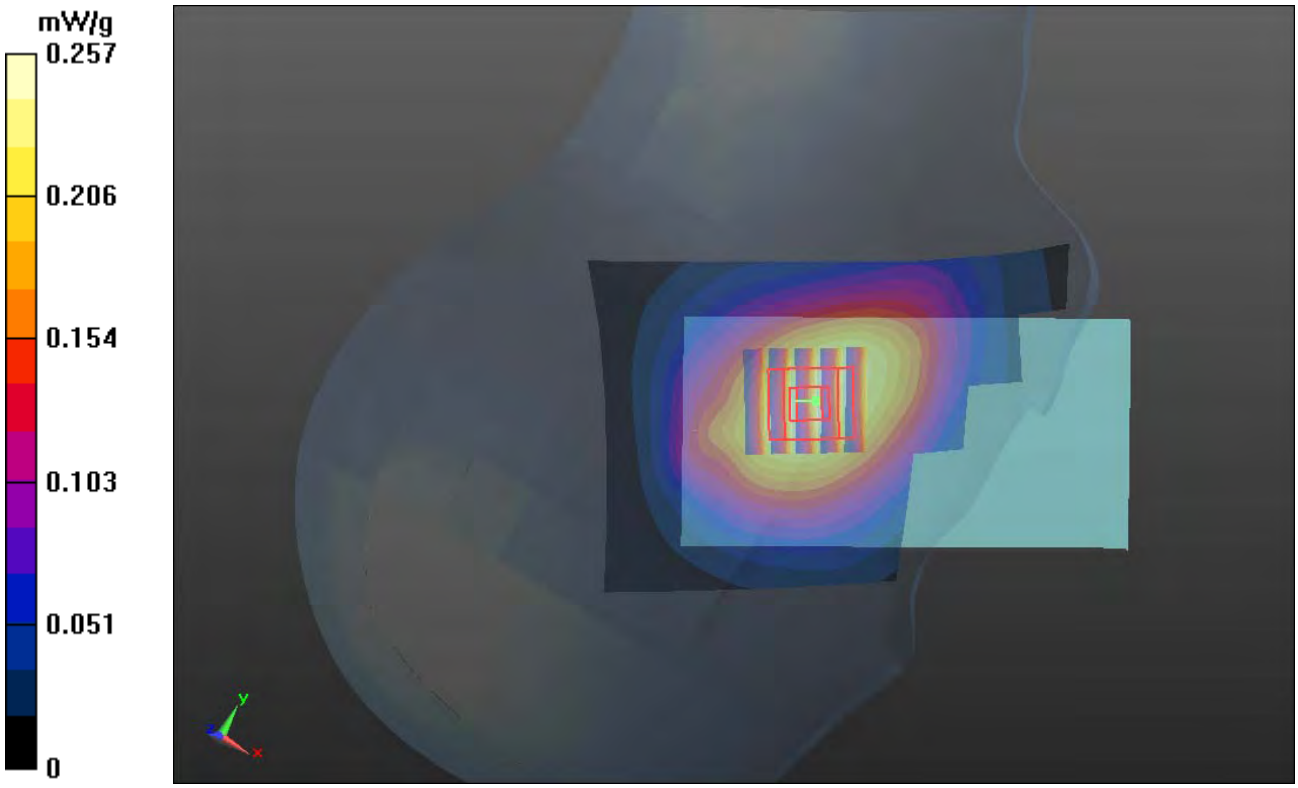
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.257 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.167 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.273 mW/g
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.250 mW/g



P575 LTE 5_QPSK_10M_Left Cheek_Ch20600_1RB_Offset 49

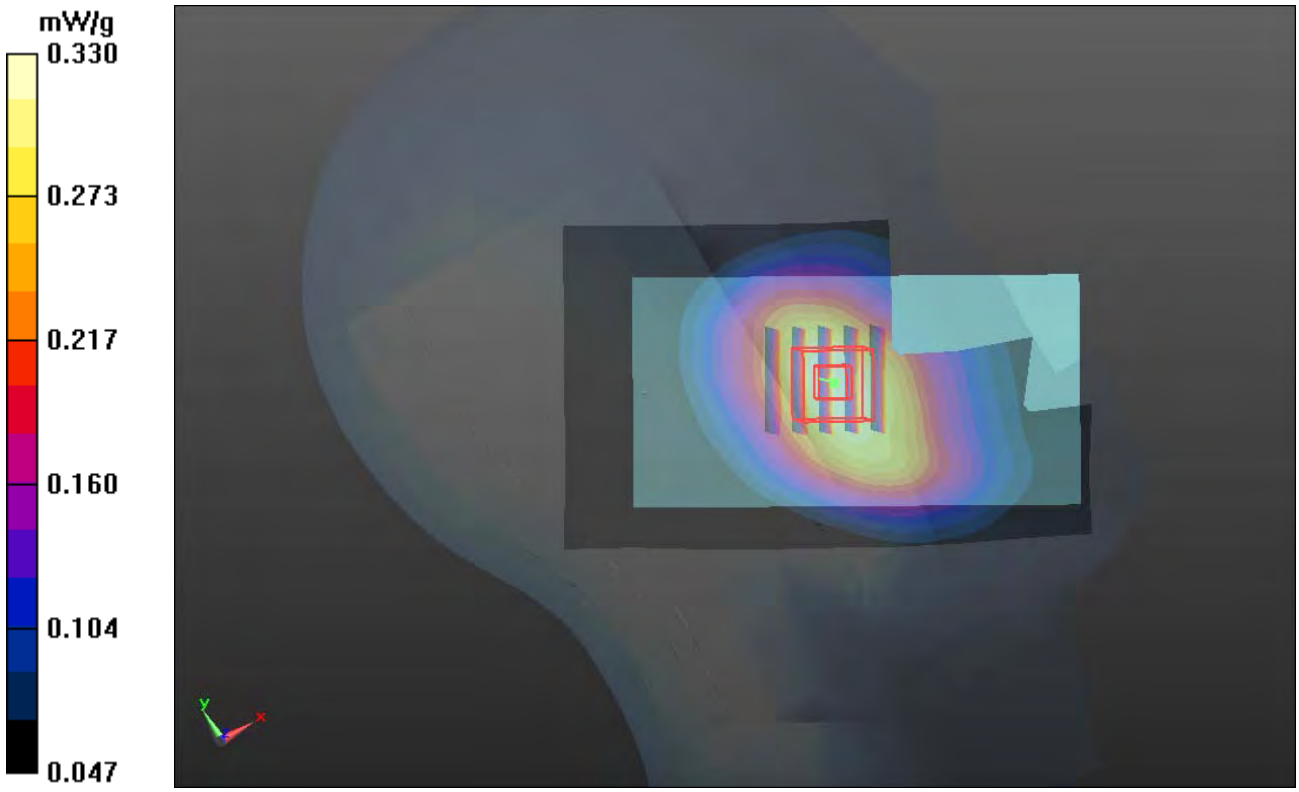
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.336 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.844 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 0.357 mW/g
SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.223 mW/g
Maximum value of SAR (measured) = 0.330 mW/g



P576 LTE 5_QPSK_10M_Left Tilted_Ch20600_1RB_Offset 49

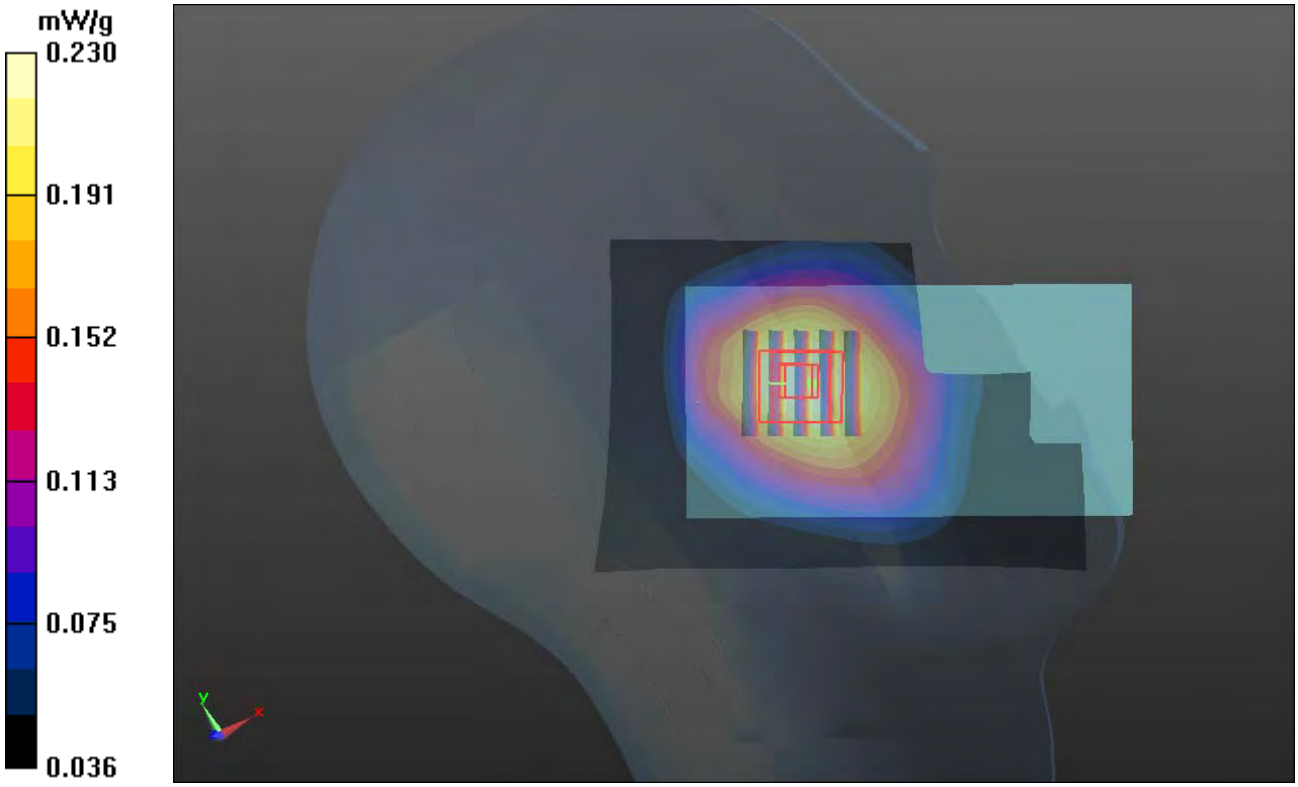
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.230 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.820 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.251 mW/g
SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.157 mW/g
Maximum value of SAR (measured) = 0.230 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/11

P577 LTE 5_16QAM_10M_Right Cheek_Ch20600_25RB_Offset 12

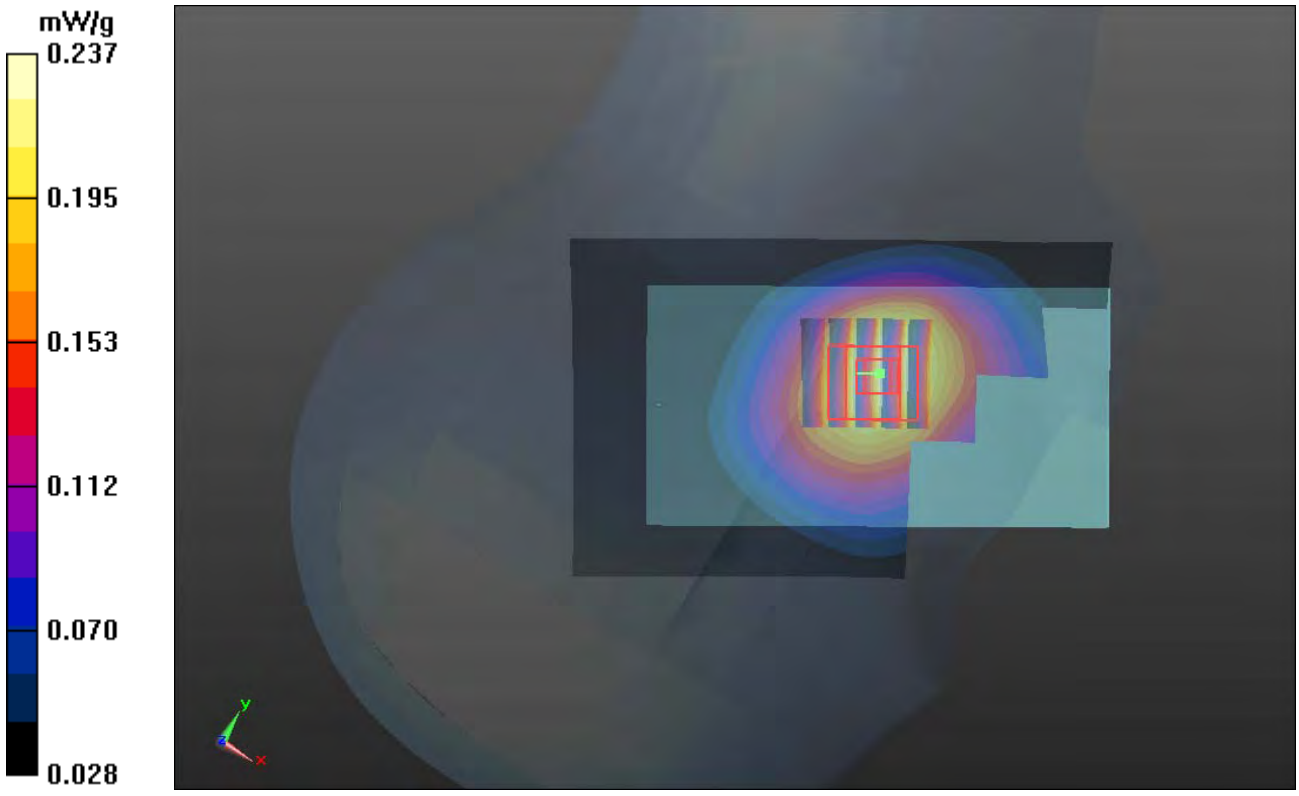
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.239 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.314 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 0.258 mW/g
SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.163 mW/g
Maximum value of SAR (measured) = 0.237 mW/g



P578 LTE 5_16QAM_10M_Right Cheek_Ch20600_1RB_Offset 0

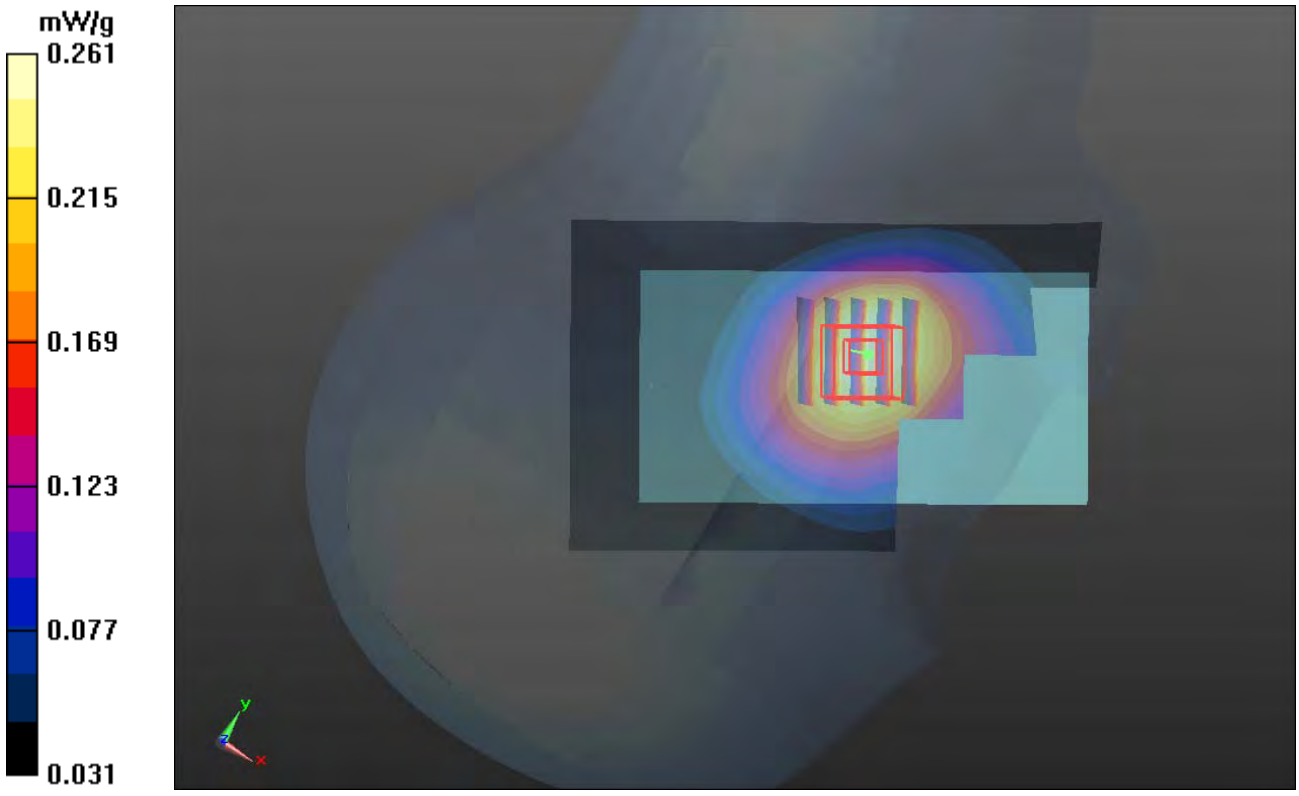
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.264 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.463 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.283 mW/g
SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.180 mW/g
Maximum value of SAR (measured) = 0.261 mW/g



P579 LTE 5_16QAM_10M_Right Cheek_Ch20600_1RB_Offset 49

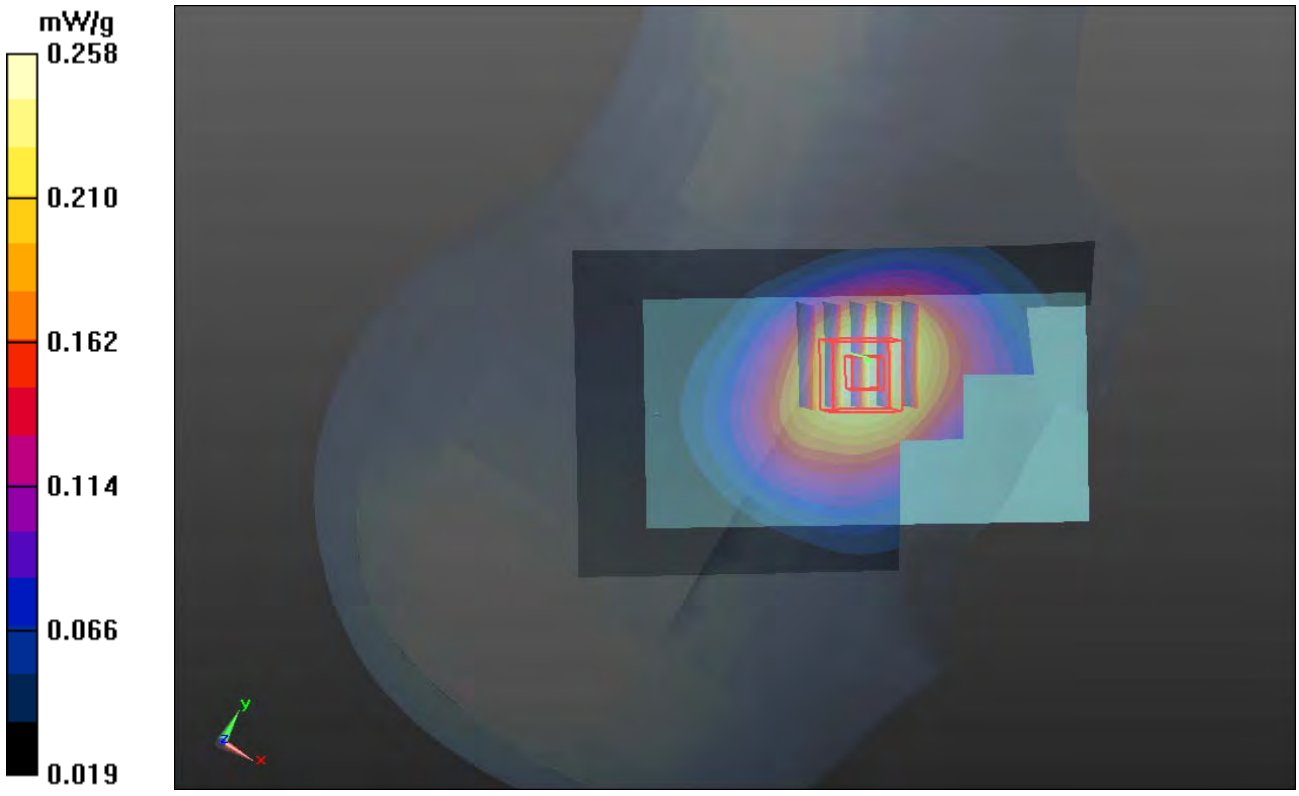
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_0711 Medium parameters used: f = 844 MHz; σ = 0.907 mho/m; ε_r = 41.918; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.14, 10.14, 10.14); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.262 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.248 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.281 mW/g
SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.258 mW/g



P820 LTE 5_16QAM_10M_Right Tilted_Ch20600_1RB_Offset 0

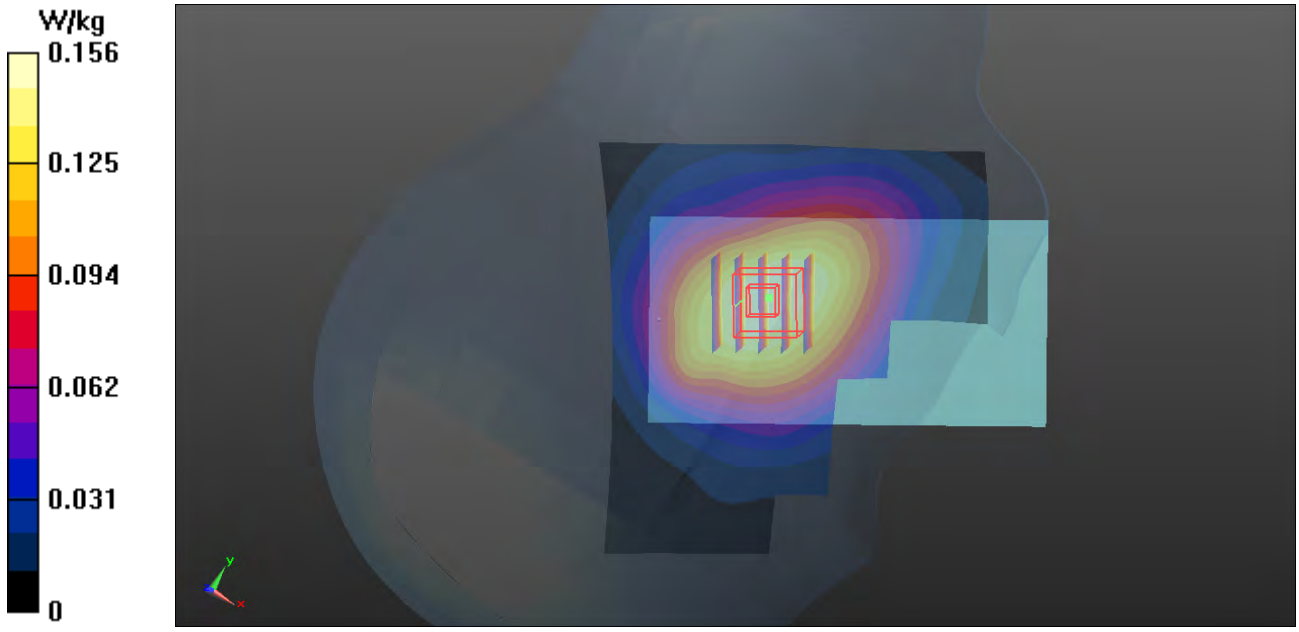
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_1022 Medium parameters used: f = 844 MHz; σ = 0.928 mho/m; ε_r = 43.09; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20600/Area Scan (71x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.156 W/kg

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.229 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.178 mW/g
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.161 W/kg



P823 LTE 5_16QAM_10M_Left Check_Ch20600_1RB_Offset 0

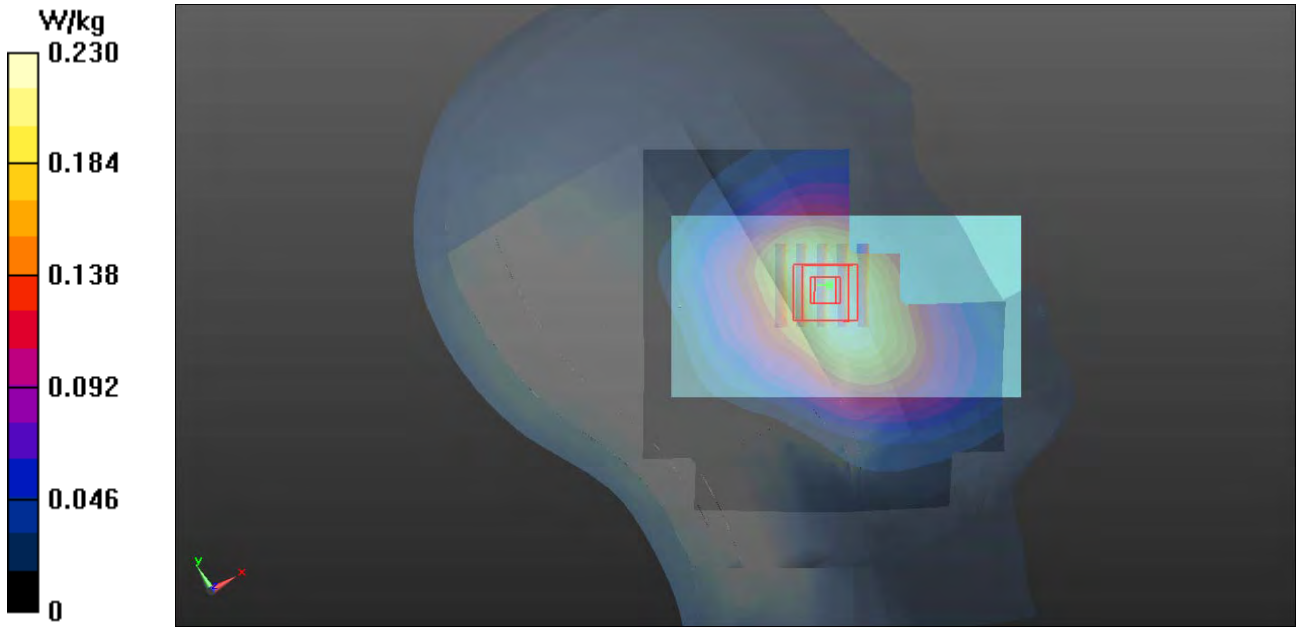
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_1022 Medium parameters used: f = 844 MHz; σ = 0.928 mho/m; ε_r = 43.09; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20600/Area Scan (71x81x1): Measurement grid: dx=20mm, dy20mm
Maximum value of SAR (interpolated) = 0.230 W/kg

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.091 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.272 mW/g
SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.160 mW/g
Maximum value of SAR (measured) = 0.243 W/kg



P826 LTE 5_16QAM_10M_Left Tilted_Ch20600_1RB_Offset 0

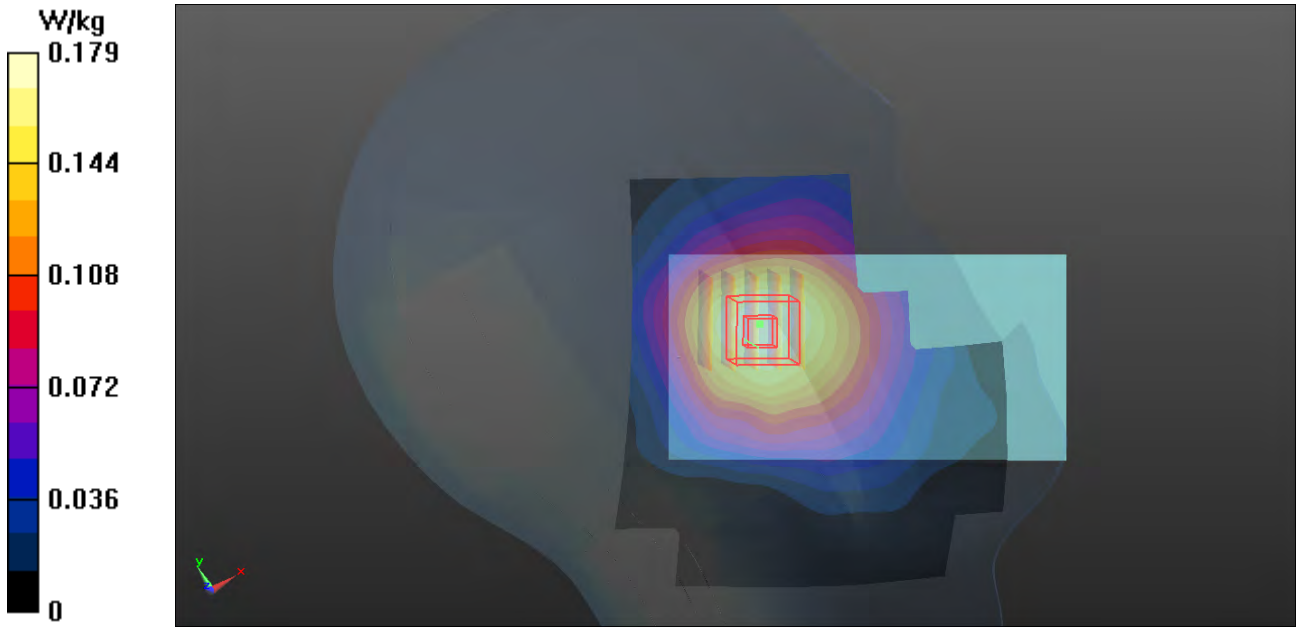
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: H835_1022 Medium parameters used: f = 844 MHz; σ = 0.928 mho/m; ε_r = 43.09; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3864; ConvF(9.8, 9.8, 9.8); Calibrated: 2012/07/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20600/Area Scan (71x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.179 W/kg

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.164 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.192 mW/g
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.175 W/kg



P580 LTE 4_QPSK_10M_Right Cheek_Ch20350_25RB_Offset 12

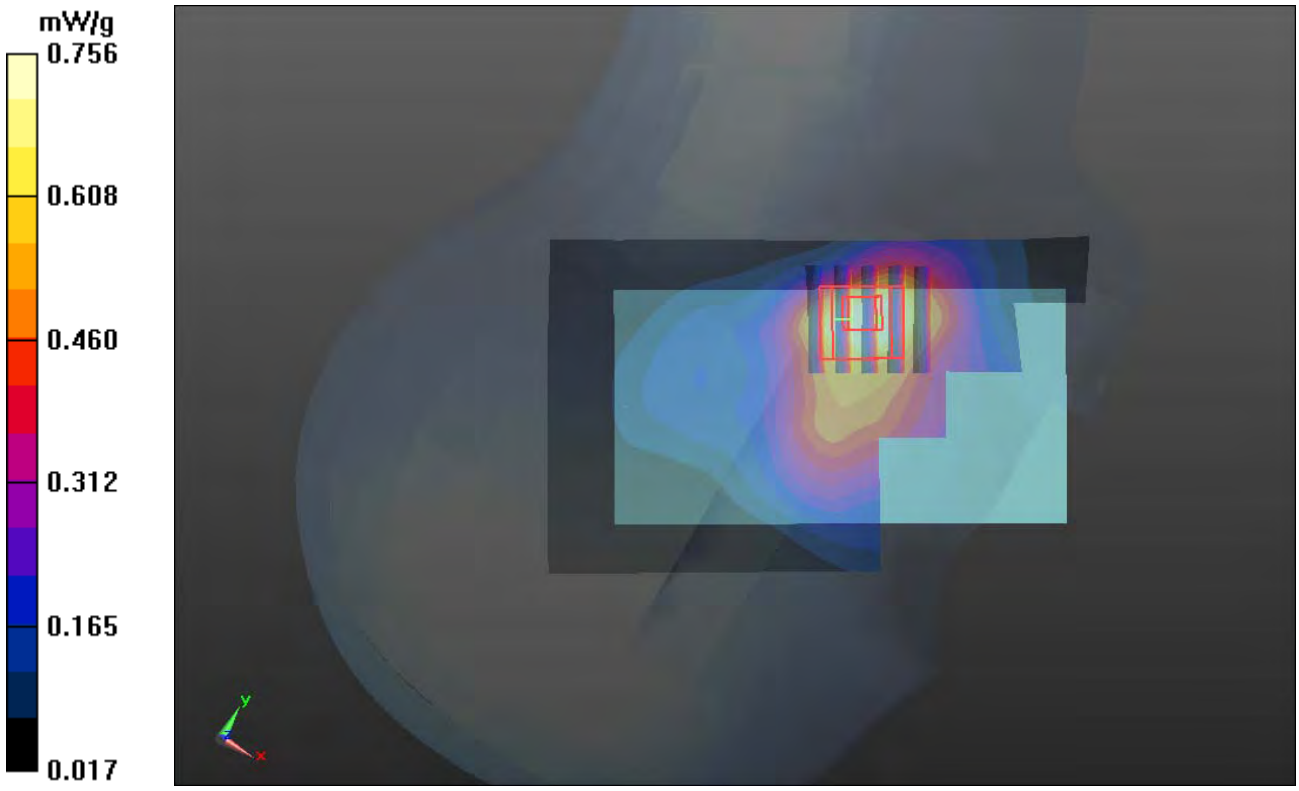
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.847 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.122 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.912 mW/g
SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.414 mW/g
Maximum value of SAR (measured) = 0.756 mW/g



P581 LTE 4_QPSK_10M_Right Tilted_Ch20350_25RB_Offset 12

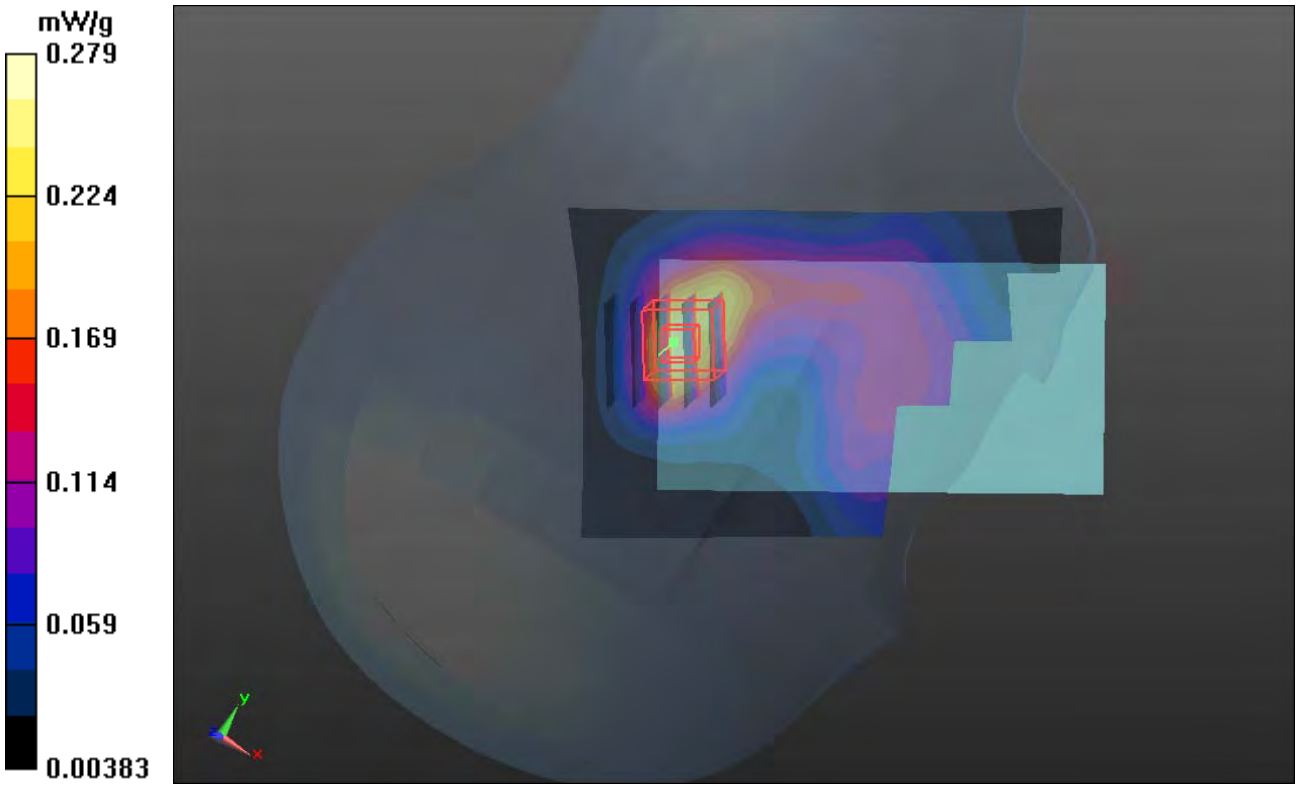
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.261 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.738 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.334 mW/g
SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.134 mW/g
Maximum value of SAR (measured) = 0.279 mW/g



P582 LTE 4_QPSK_10M_Left Cheek_Ch20350_25RB_Offset 12

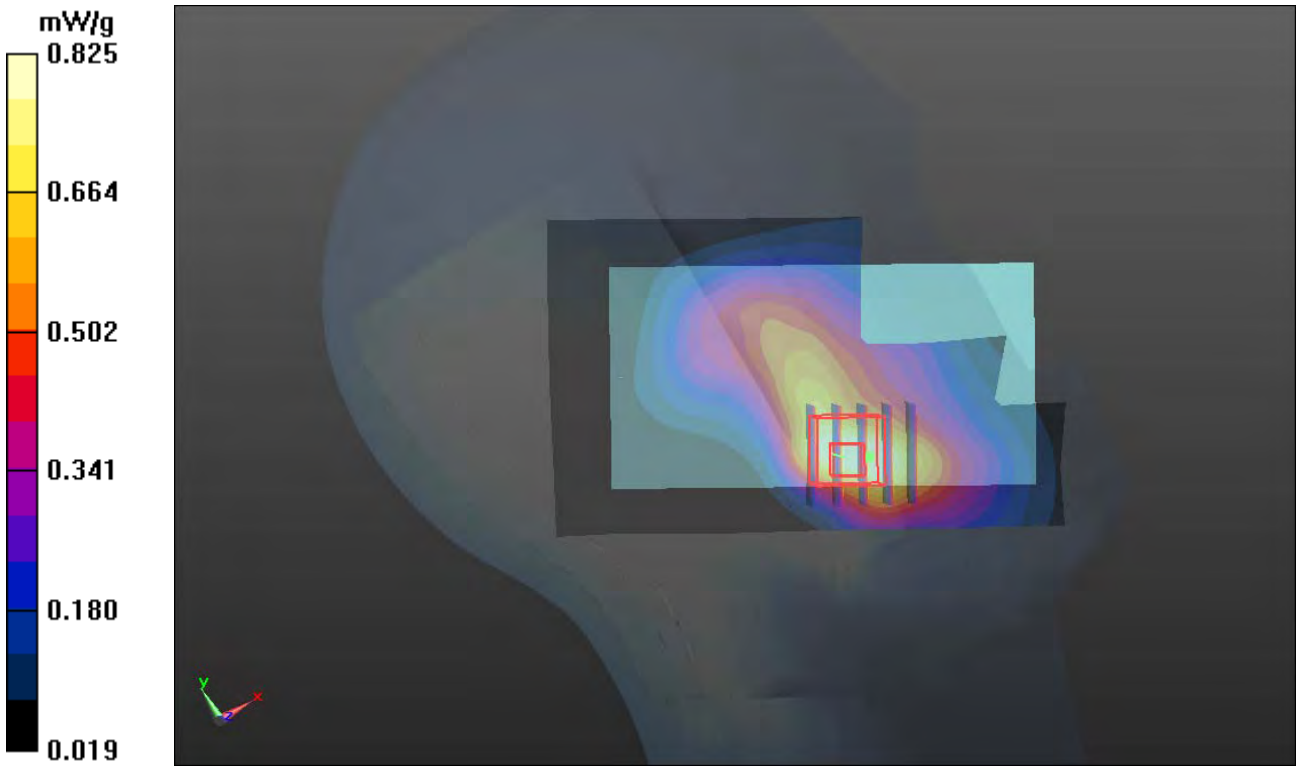
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.881 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.381 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.973 mW/g
SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.435 mW/g
Maximum value of SAR (measured) = 0.825 mW/g



P583 LTE 4_QPSK_10M_Left Tilted_Ch20350_25RB_Offset 12

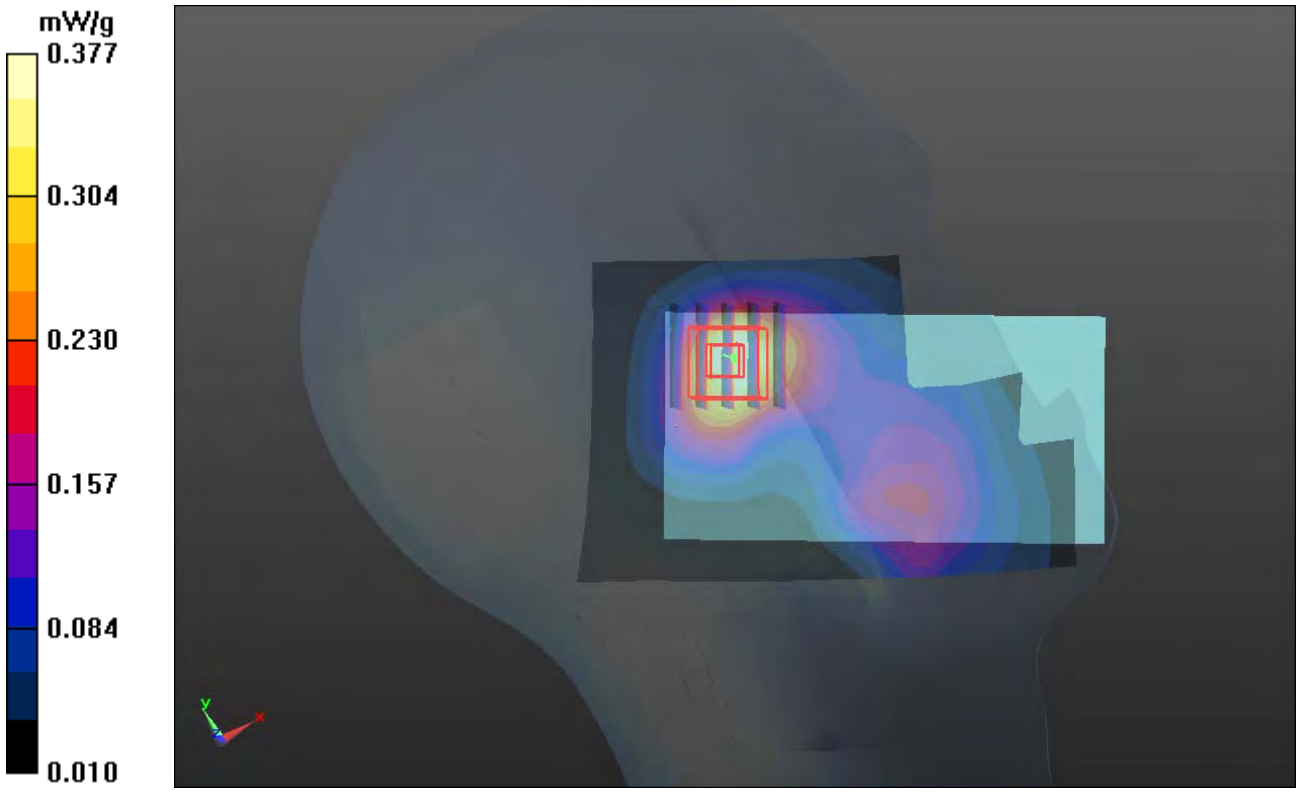
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.415 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.839 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.439 mW/g
SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.195 mW/g
Maximum value of SAR (measured) = 0.377 mW/g



P584 LTE 4_QPSK_10M_Right Cheek_Ch20350_1RB_Offset 0

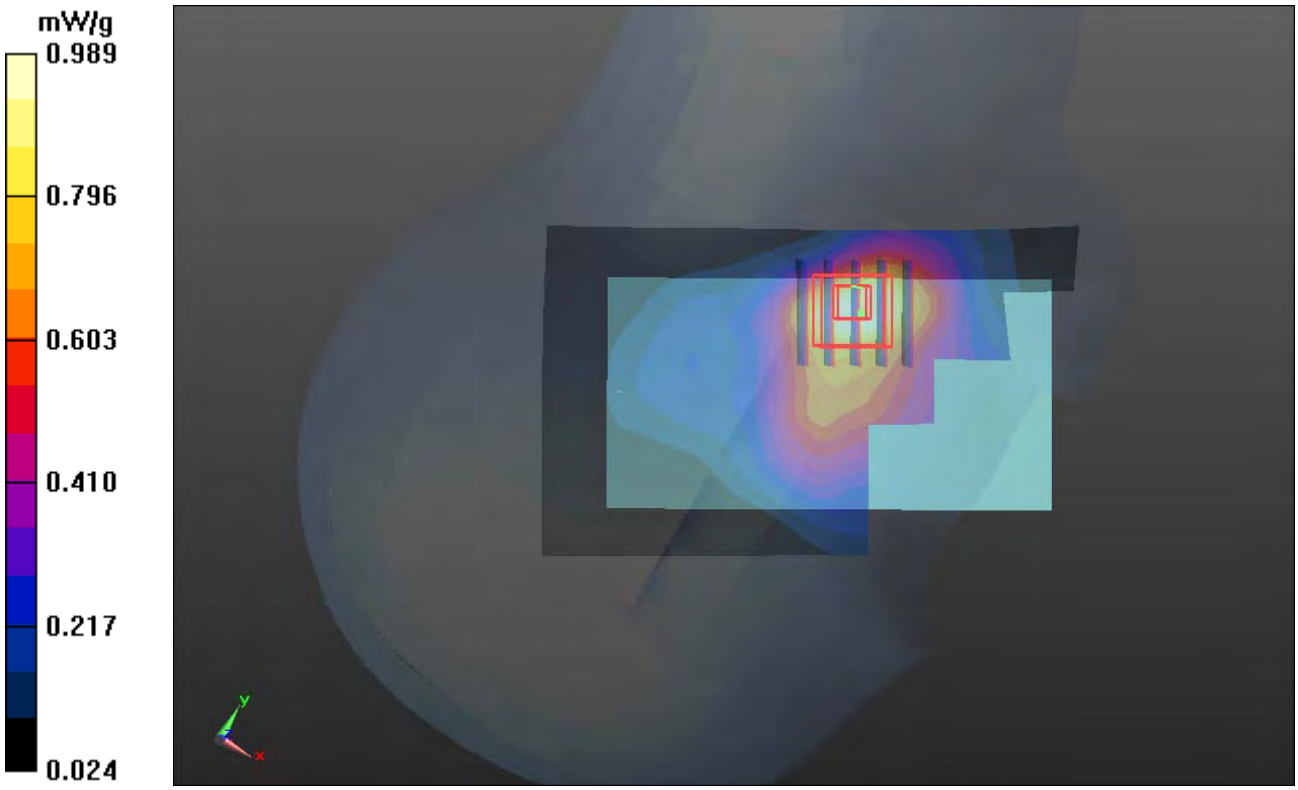
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.10 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.410 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.174 mW/g
SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.535 mW/g
Maximum value of SAR (measured) = 0.989 mW/g



P585 LTE 4_QPSK_10M_Right Tilted_Ch20350_1RB_Offset 0

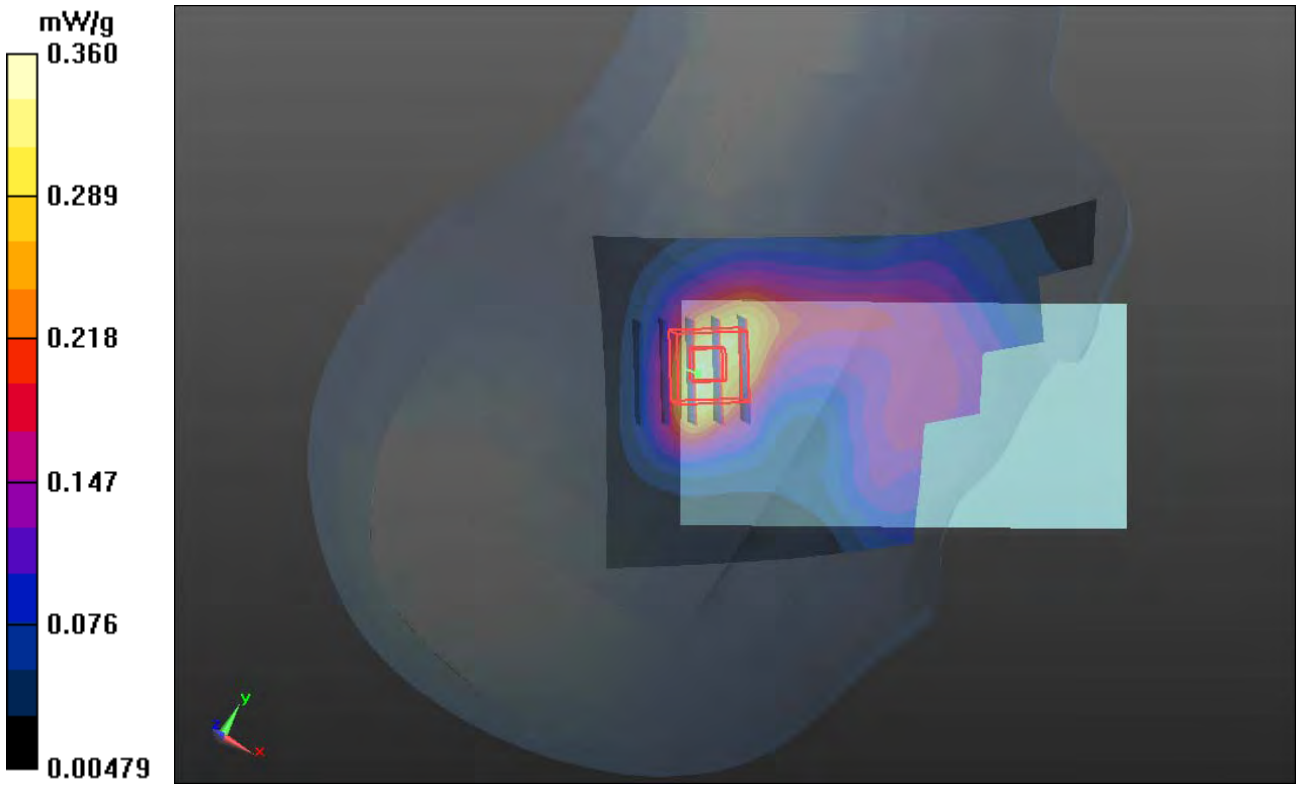
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.344 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.933 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.442 mW/g
SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.360 mW/g



P586 LTE 4_QPSK_10M_Left Cheek_Ch20350_1RB_Offset 0

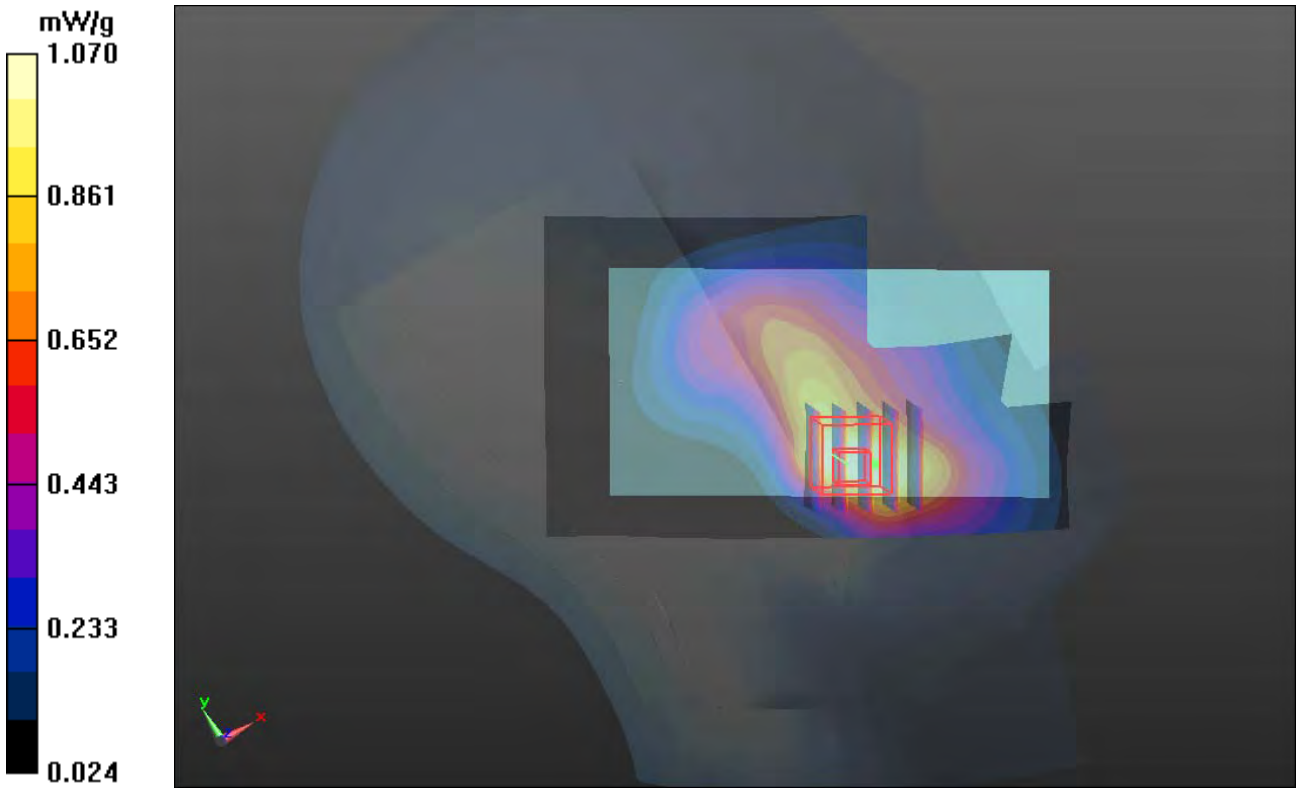
DUT: 120626C35

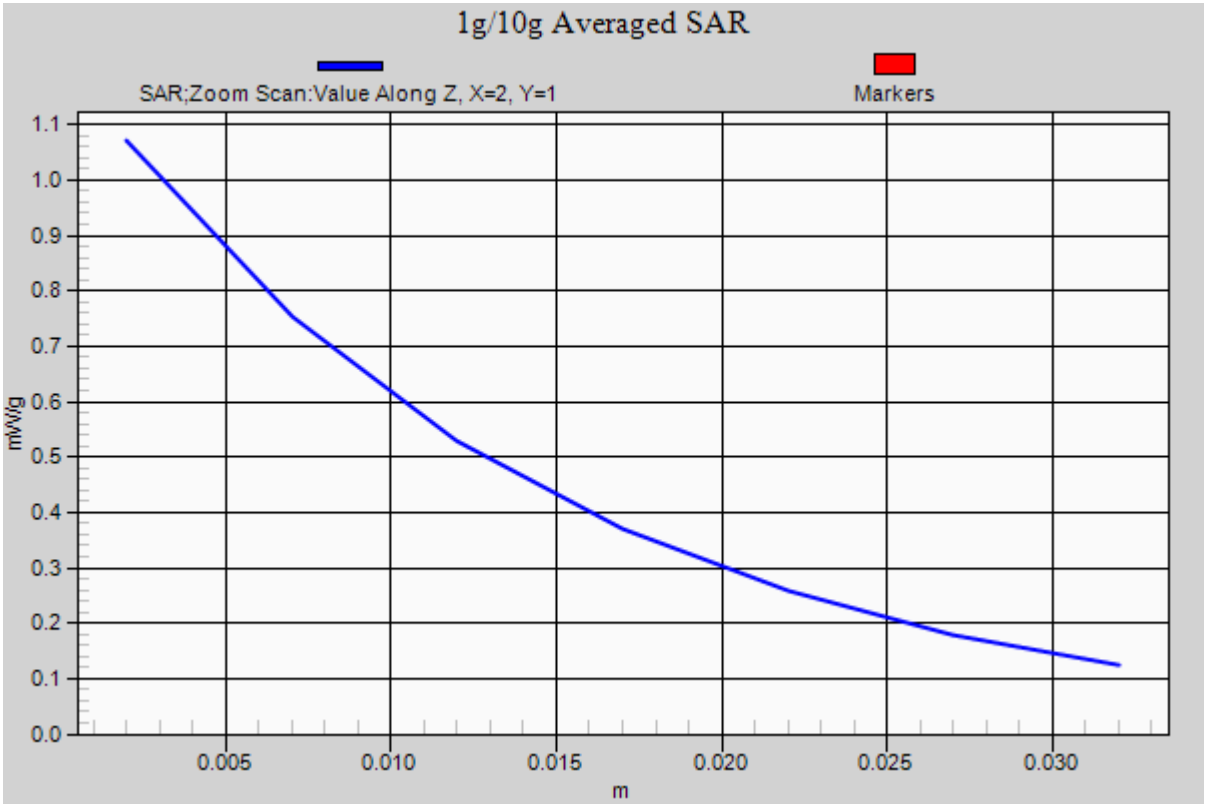
Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.16 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.340 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.260 mW/g
SAR(1 g) = 0.866 mW/g; SAR(10 g) = 0.567 mW/g
Maximum value of SAR (measured) = 1.07 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=1
Markers
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P587 LTE 4_QPSK_10M_Left Tilted_Ch20350_1RB_Offset 0

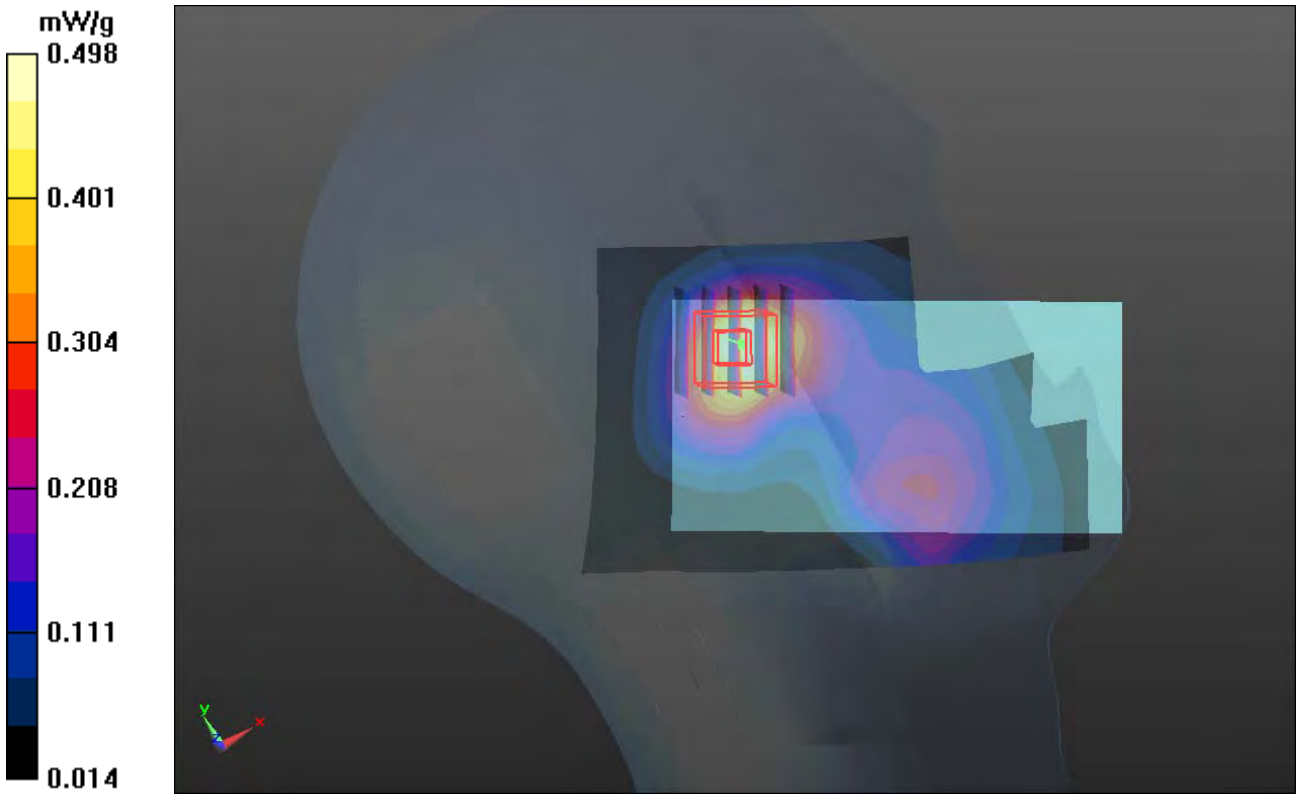
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.541 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.554 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.580 mW/g
SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 0.498 mW/g



P588 LTE 4_QPSK_10M_Right Cheek_Ch20350_1RB_Offset 49

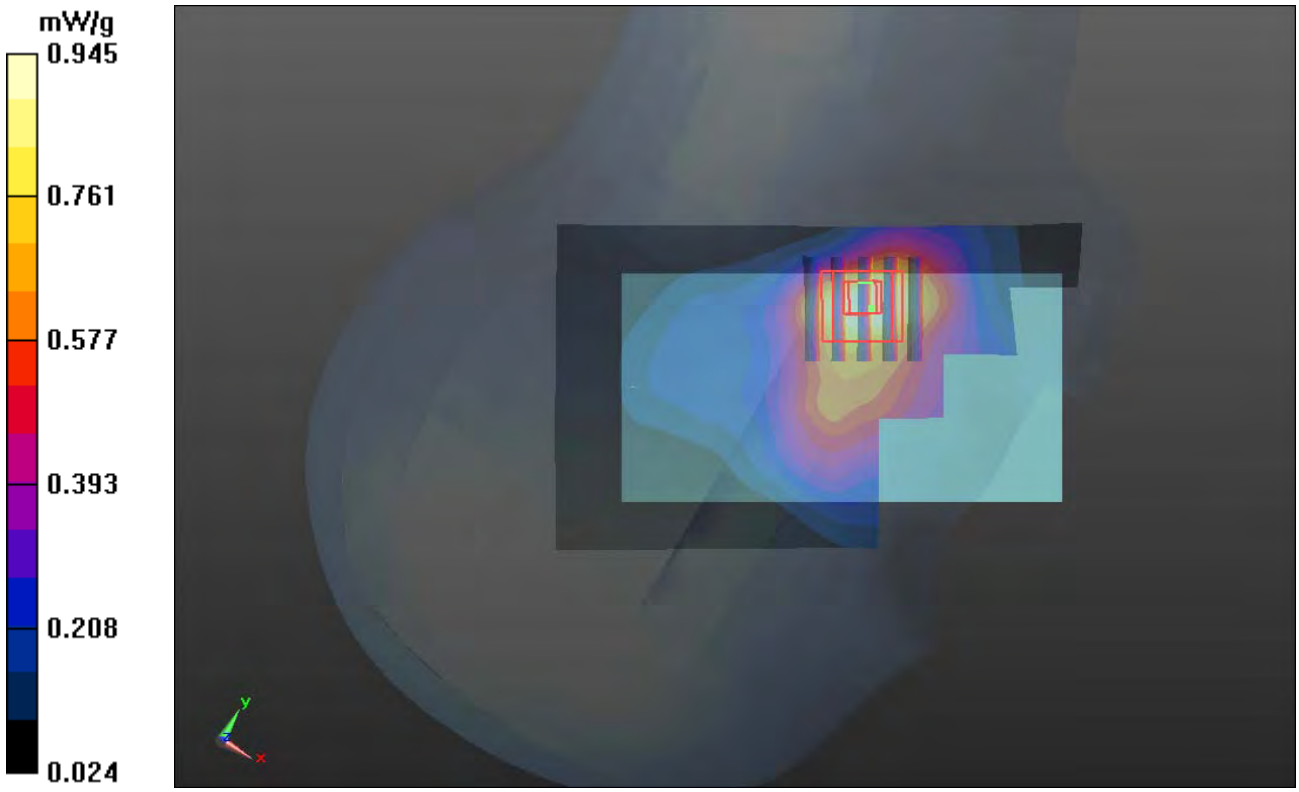
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.05 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.346 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.119 mW/g
SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.512 mW/g
Maximum value of SAR (measured) = 0.945 mW/g



P589 LTE 4_QPSK_10M_Right Tilted_Ch20350_1RB_Offset 49

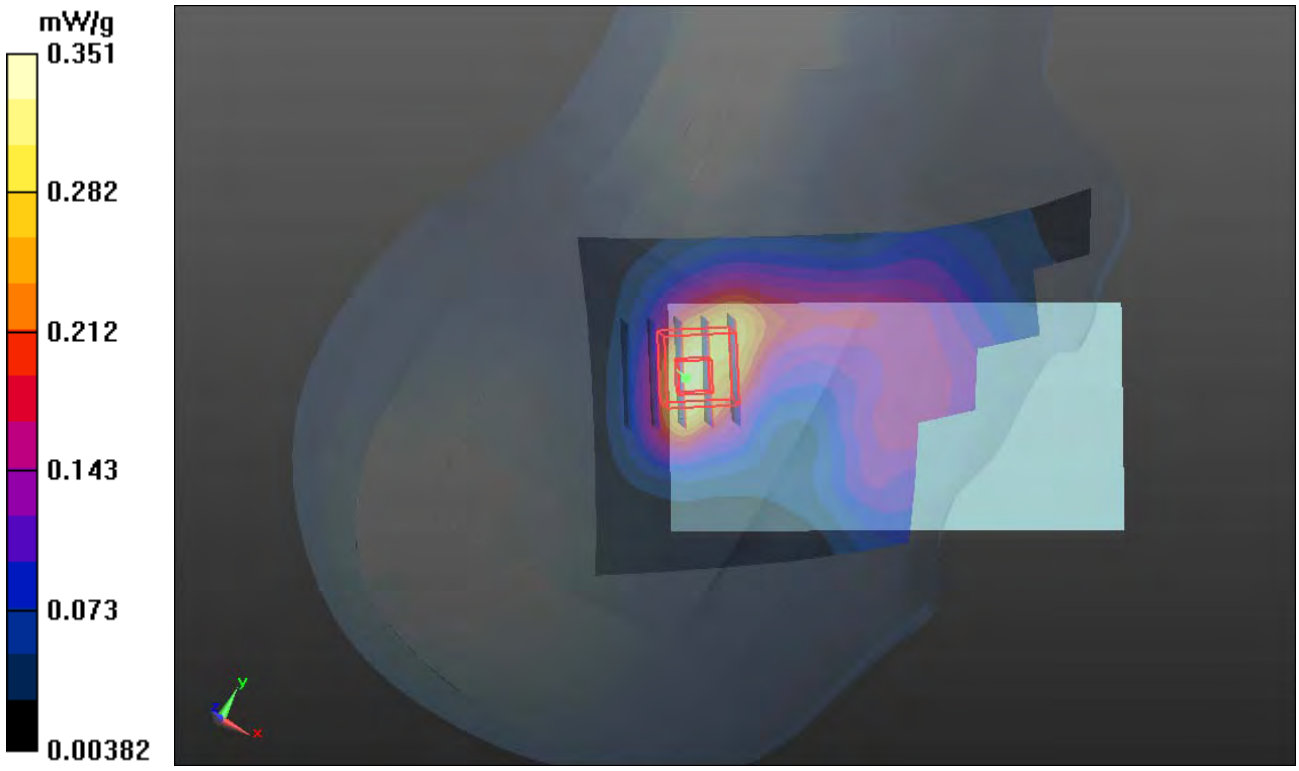
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.329 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.391 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.419 mW/g
SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.167 mW/g
Maximum value of SAR (measured) = 0.351 mW/g



P590 LTE 4_QPSK_10M_Left Cheek_Ch20350_1RB_Offset 49

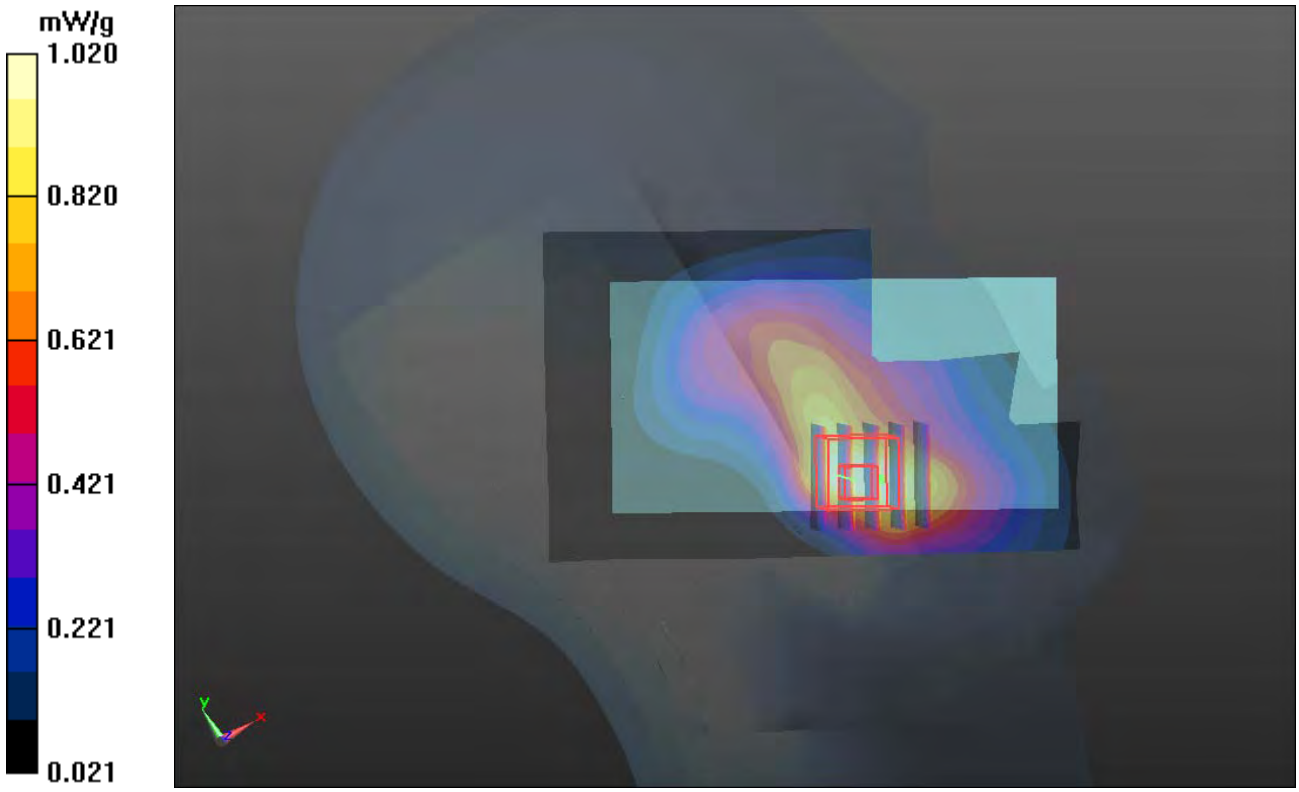
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.10 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.179 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.200 mW/g
SAR(1 g) = 0.824 mW/g; SAR(10 g) = 0.537 mW/g
Maximum value of SAR (measured) = 1.02 mW/g



P591 LTE 4_QPSK_10M_Left Tilted_Ch20350_1RB_Offset 49

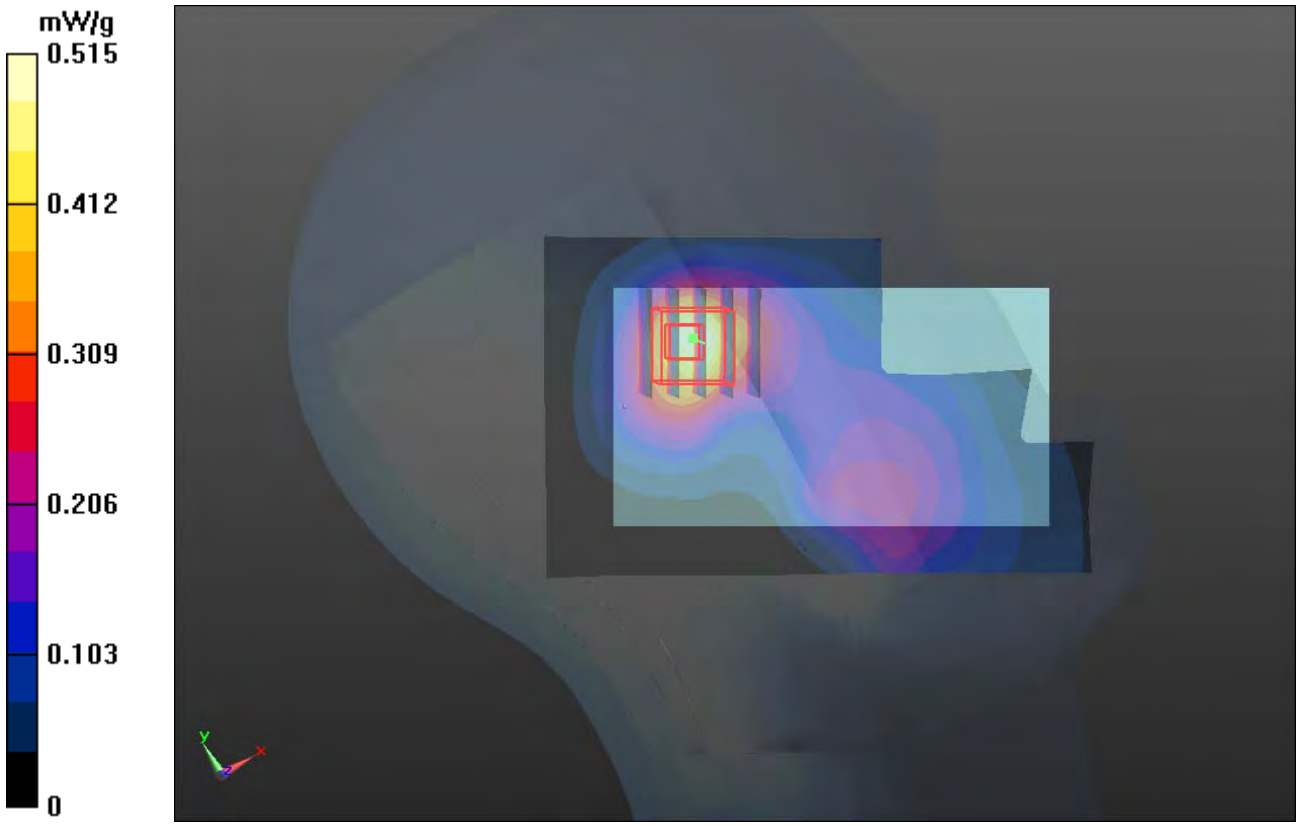
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.515 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.115 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.549 mW/g
SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.244 mW/g
Maximum value of SAR (measured) = 0.468 mW/g



P811 LTE 4_16QAM_10M_Right Check_Ch20350_1RB_offset 0

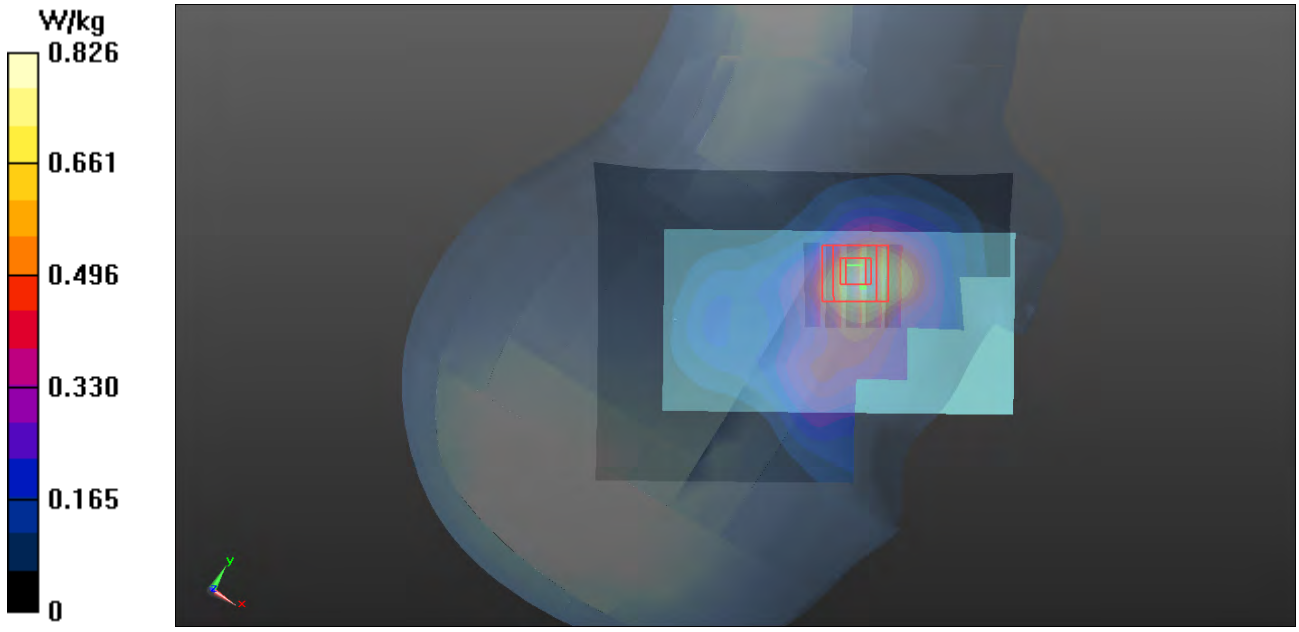
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_1024 Medium parameters used: f = 1750 MHz; σ = 1.347 mho/m; ε_r = 39.78; ρ = 1000 kg/m^3
Ambient Temperature：21.1 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20350/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.826 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.217 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.899 mW/g
SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.400 mW/g
Maximum value of SAR (measured) = 0.777 W/kg



P814 LTE 4_16QAM_10M_Right Tilted_Ch20350_1RB_offset 0

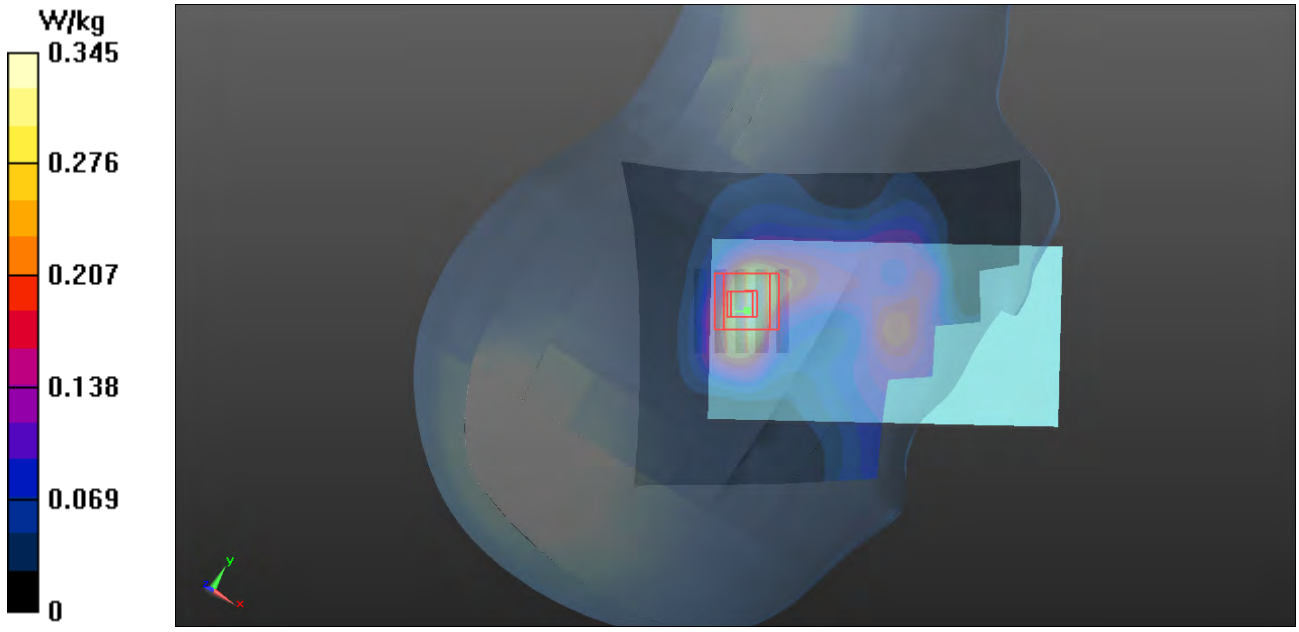
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_1024 Medium parameters used: f = 1750 MHz; σ = 1.347 mho/m; ε_r = 39.78; ρ = 1000 kg/m^3
Ambient Temperature：21.1 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20350/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.345 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.065 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.363 mW/g
SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.152 mW/g
Maximum value of SAR (measured) = 0.296 W/kg



P592 LTE 4_16QAM_10M_Left Cheek_Ch20350_25RB_Offset 12

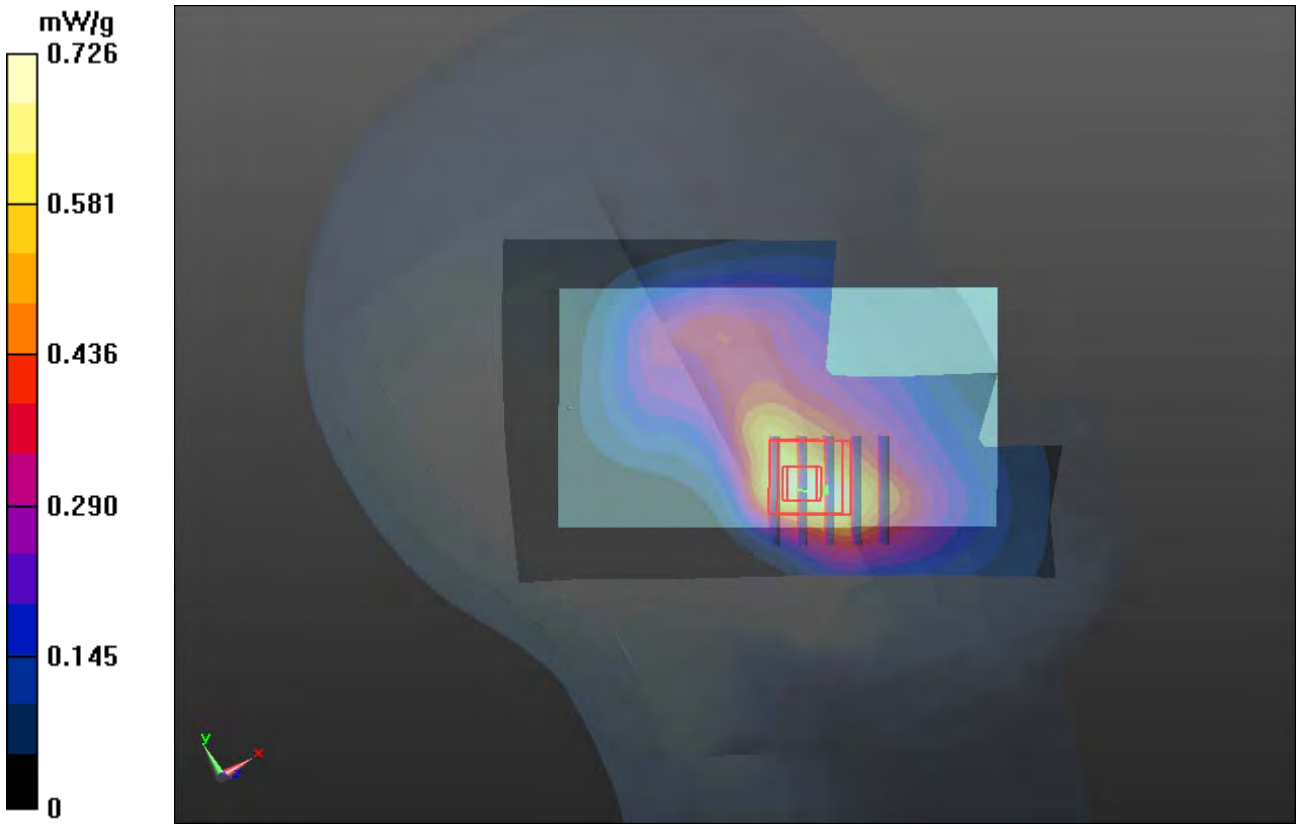
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.726 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.622 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.815 mW/g
SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.352 mW/g
Maximum value of SAR (measured) = 0.684 mW/g



P593 LTE 4_16QAM_10M_Left Cheek_Ch20350_1RB_Offset 0

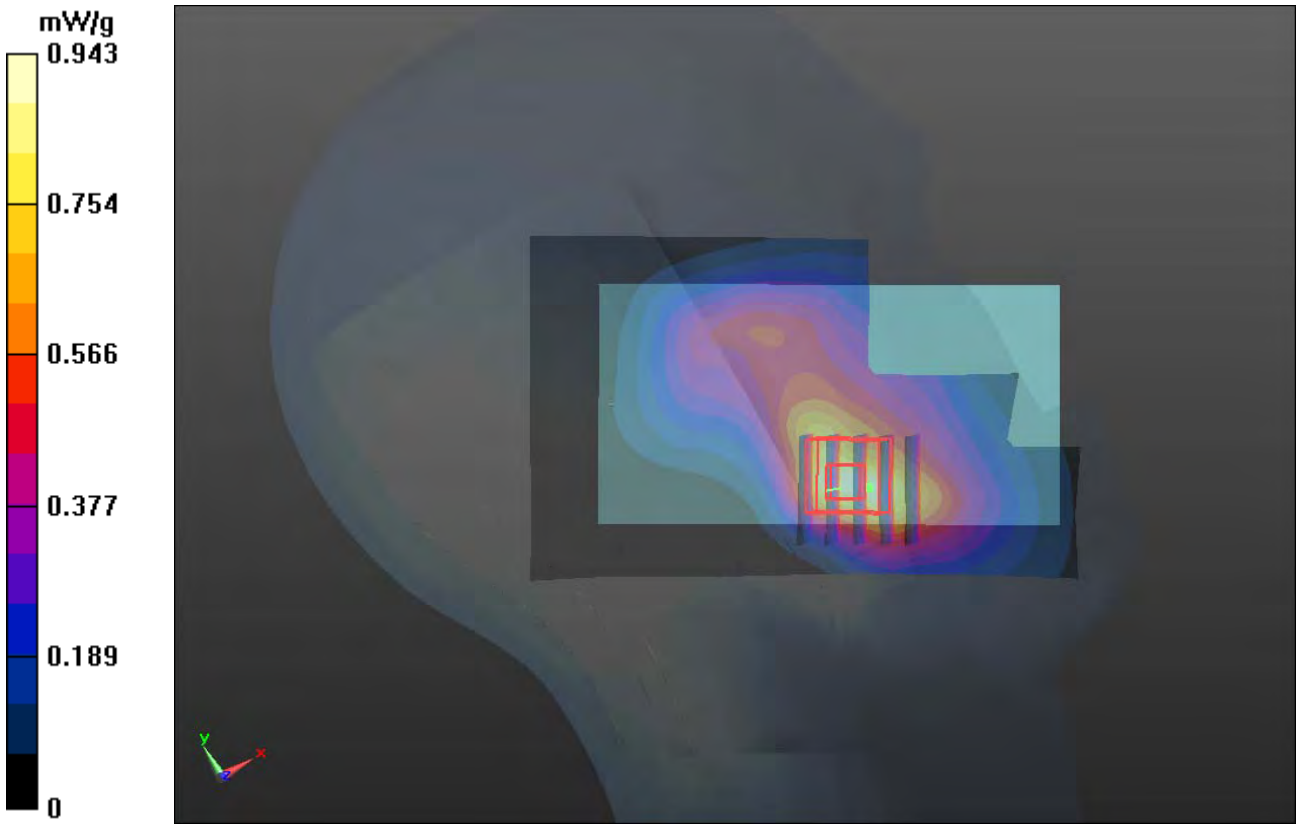
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.943 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.716 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.044 mW/g
SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.454 mW/g
Maximum value of SAR (measured) = 0.878 mW/g



P594 LTE 4_16QAM_10M_Left Cheek_Ch20350_1RB_Offset 49

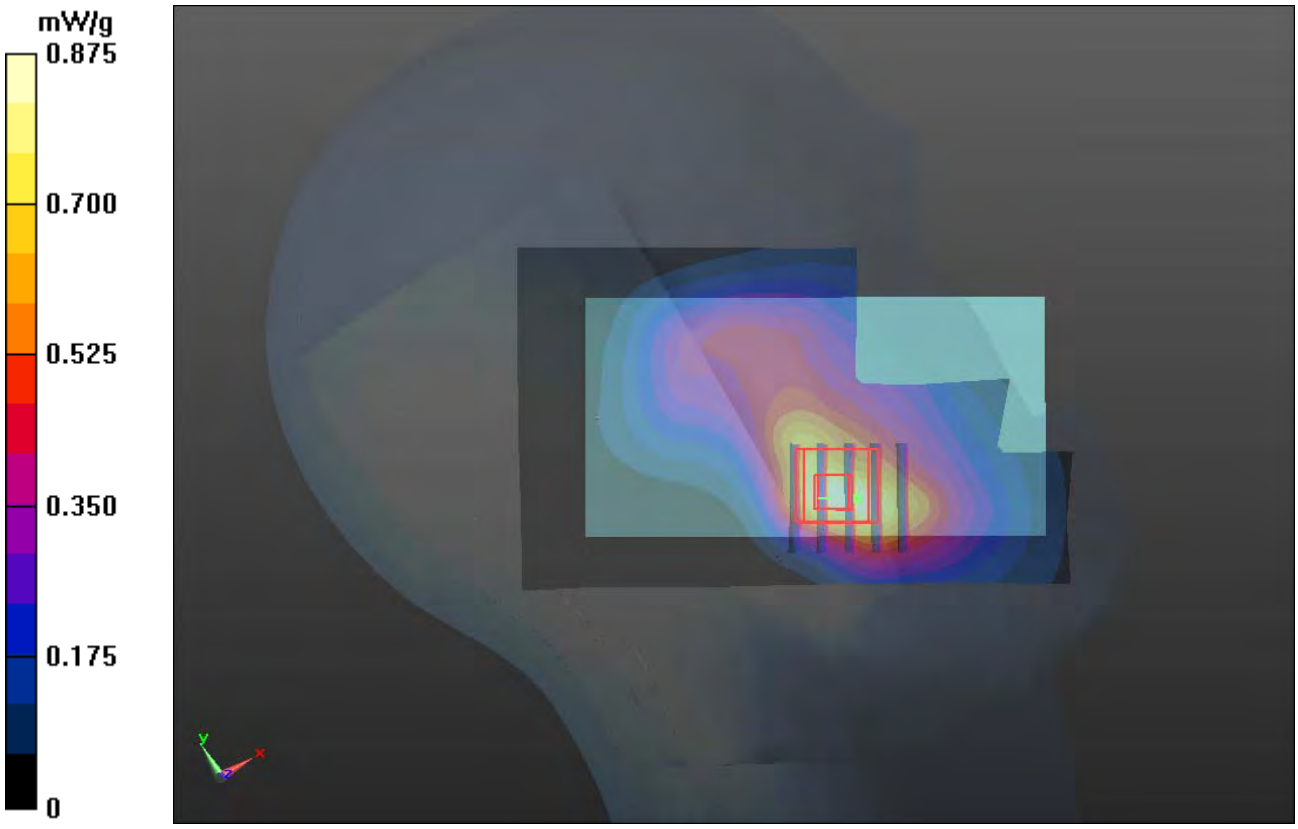
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_0711 Medium parameters used: f = 1750 MHz; σ = 1.341 mho/m; ε_r = 41.381; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.875 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.471 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.982 mW/g
SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.423 mW/g
Maximum value of SAR (measured) = 0.827 mW/g



P817 LTE 4_16QAM_10M_Left Tilted_Ch20350_1RB_offset 0

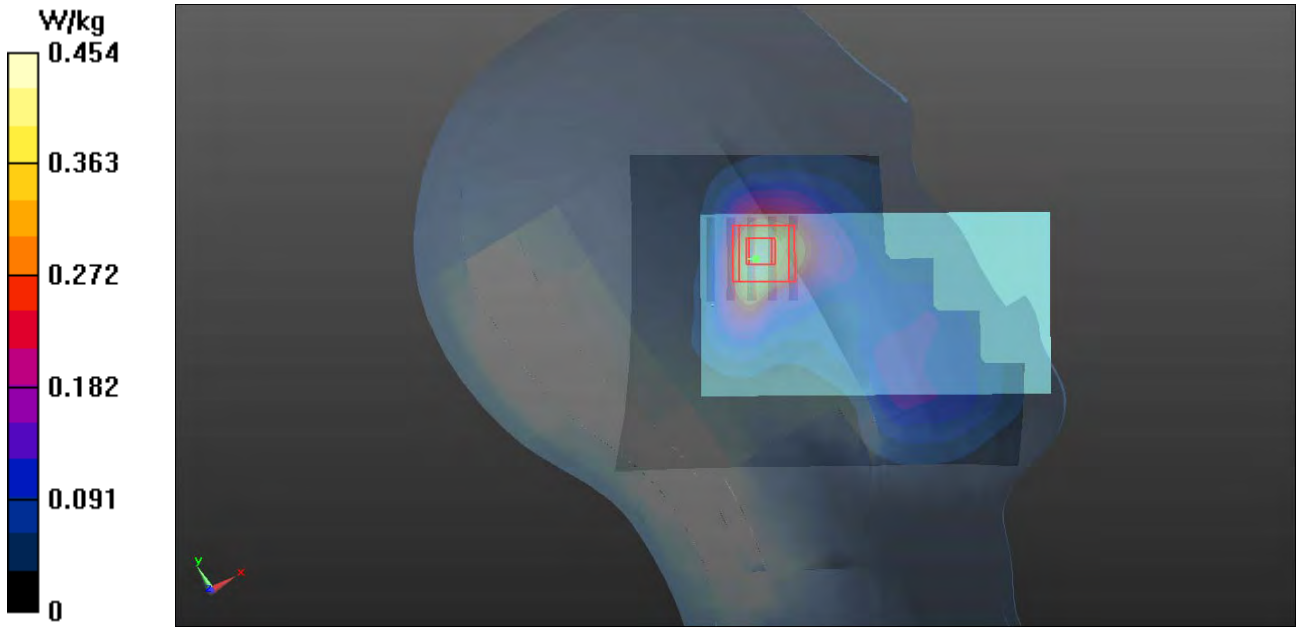
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H1750_1024 Medium parameters used: f = 1750 MHz; σ = 1.347 mho/m; ε_r = 39.78; ρ = 1000 kg/m^3
Ambient Temperature：21.1 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.95, 8.95, 8.95); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20350/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.454 W/kg

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.808 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.434 mW/g
SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 0.371 W/kg



P595 LTE 2_QPSK_10M_Right Cheek_Ch18900_25RB_Offset 12

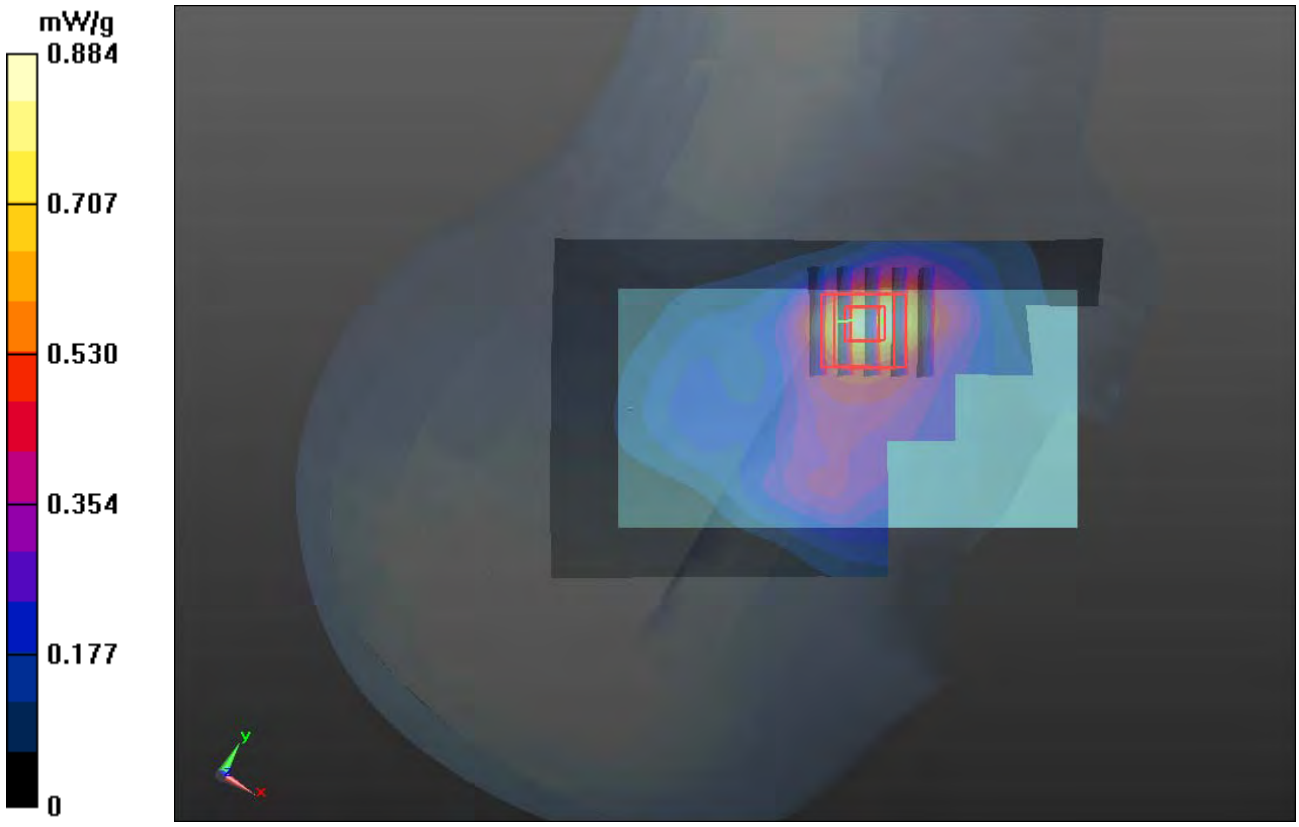
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.884 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.827 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.993 mW/g
SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.392 mW/g
Maximum value of SAR (measured) = 0.819 mW/g



P596 LTE 2_QPSK_10M_Right Tilted_Ch18900_25RB_Offset 12

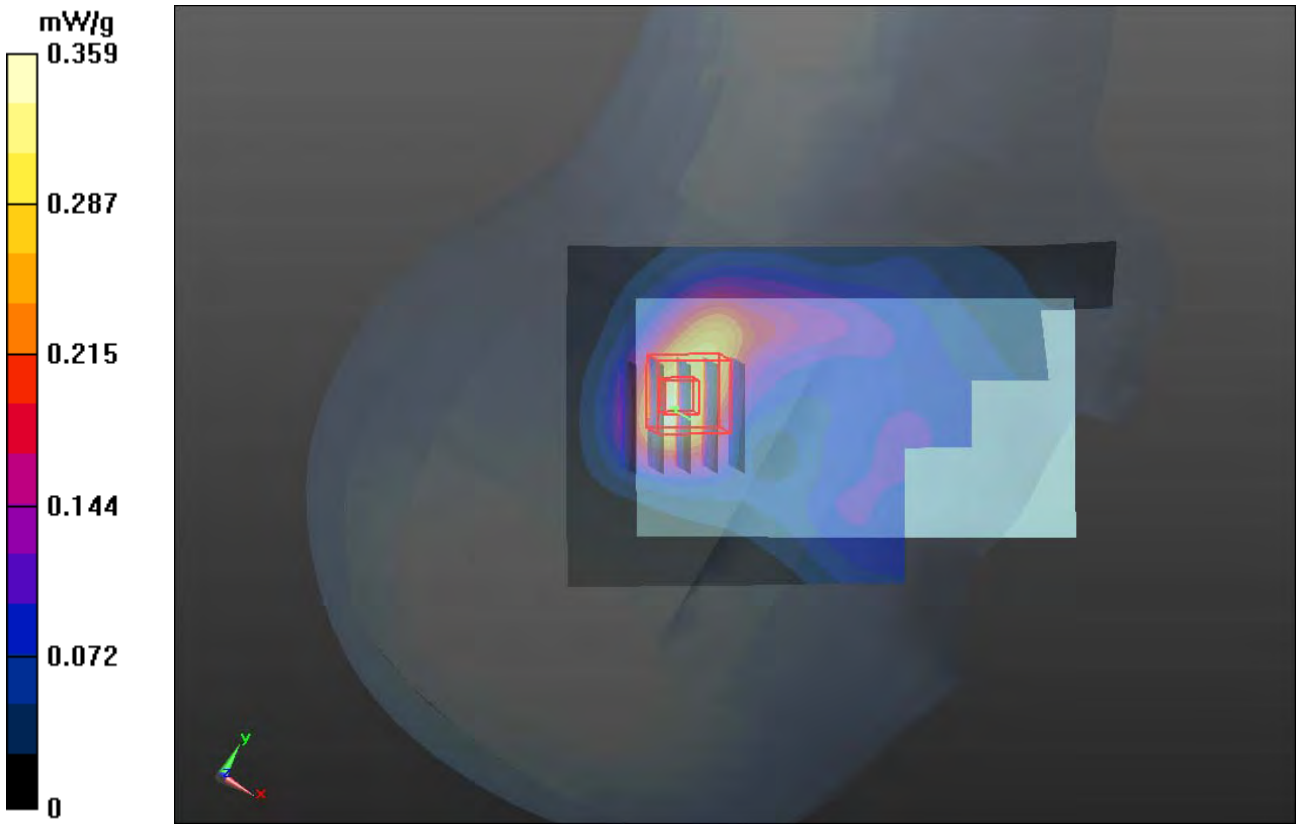
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.359 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.616 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.525 mW/g
SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.152 mW/g
Maximum value of SAR (measured) = 0.369 mW/g



P597 LTE 2_QPSK_10M_Left Cheek_Ch18900_25RB_Offset 12

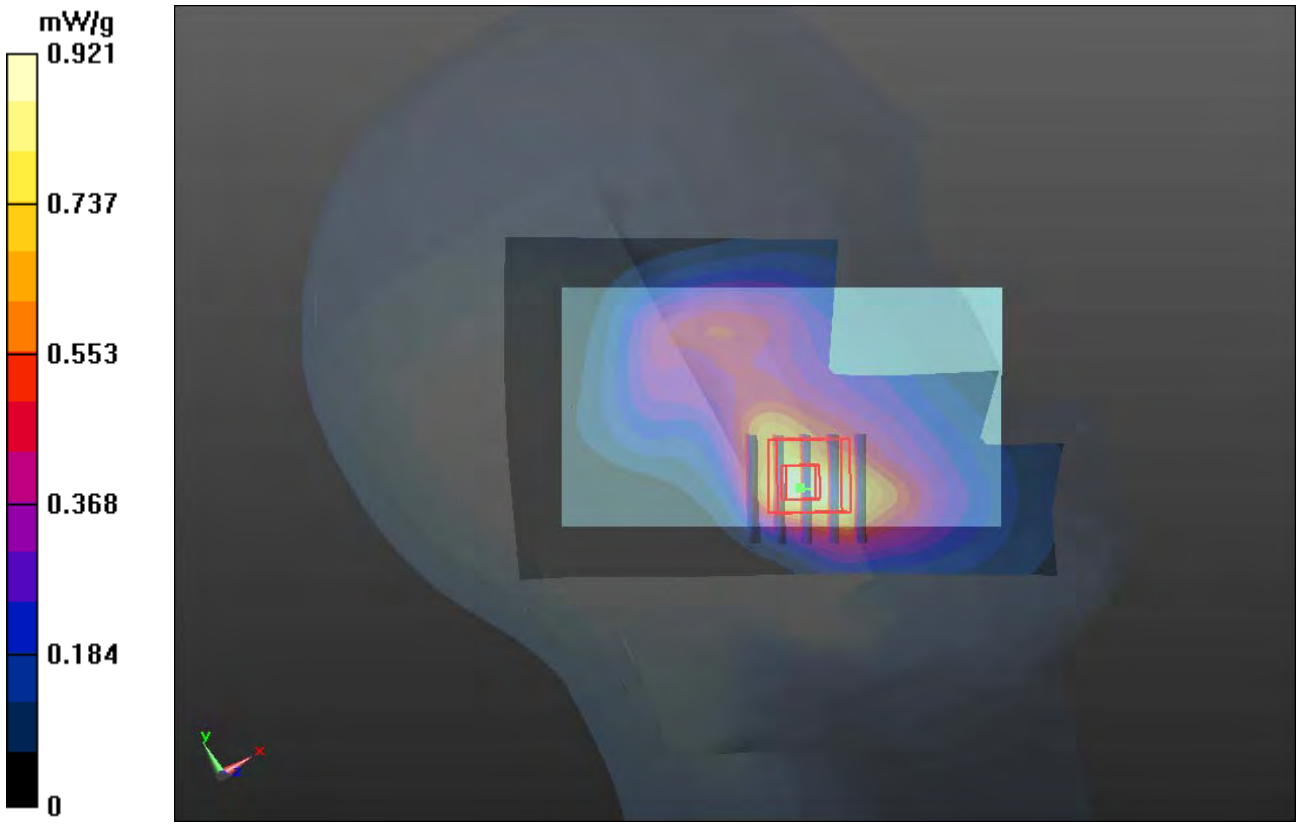
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.921 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.935 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.092 mW/g
SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.423 mW/g
Maximum value of SAR (measured) = 0.905 mW/g



P598 LTE 2_QPSK_10M_Left Tilted_Ch18900_25RB_Offset 12

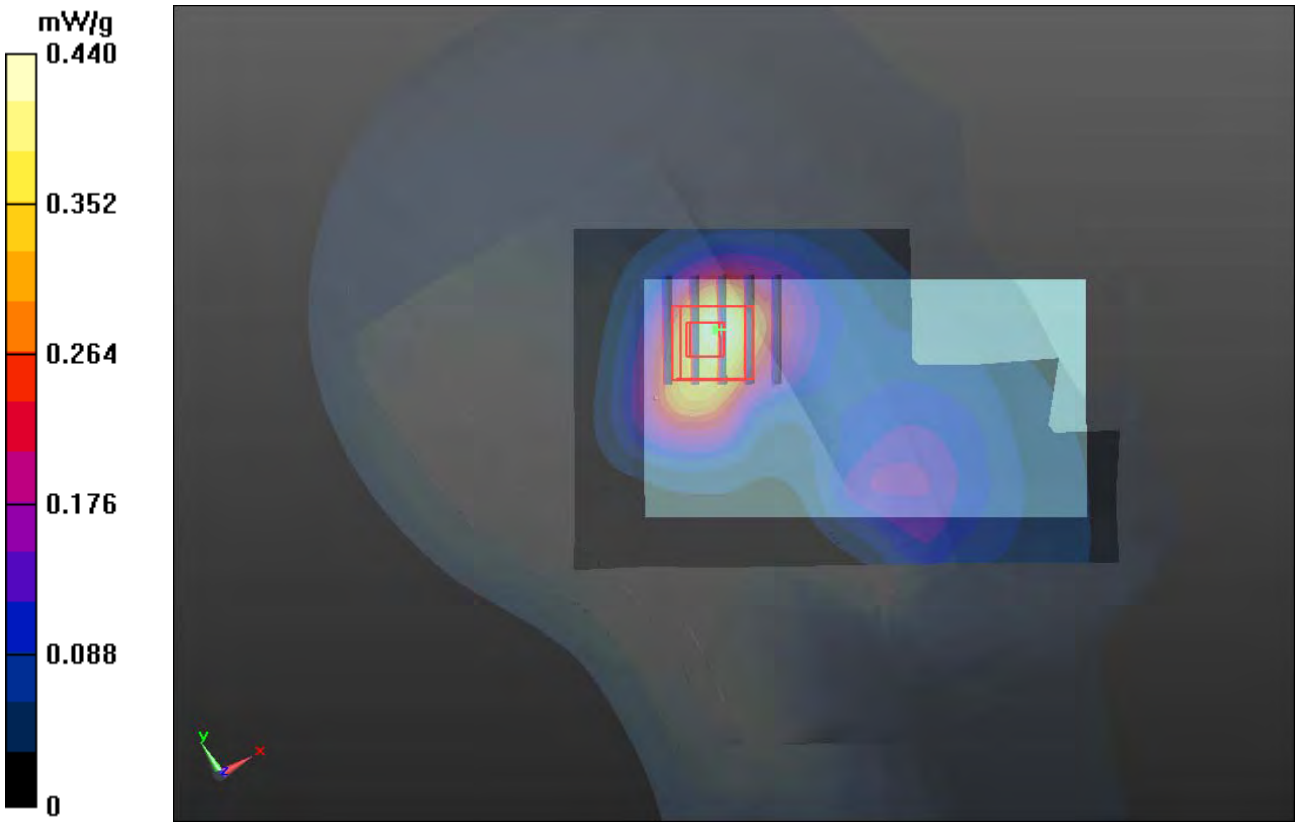
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.440 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.844 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.501 mW/g
SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.208 mW/g
Maximum value of SAR (measured) = 0.419 mW/g



P599 LTE 2_QPSK_10M_Right Cheek_Ch18900_1RB_Offset 0

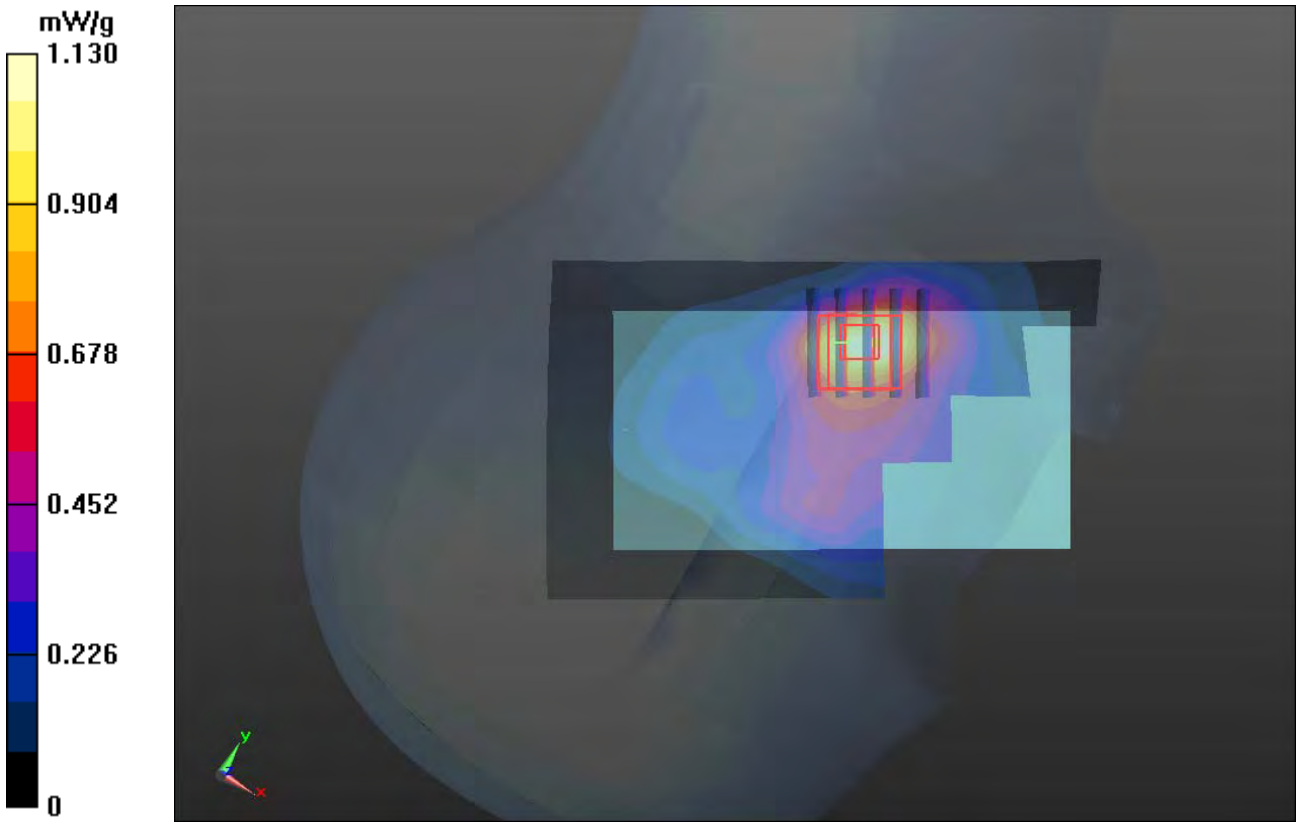
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.13 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.204 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.296 mW/g
SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.510 mW/g
Maximum value of SAR (measured) = 1.06 mW/g



P600 LTE 2_QPSK_10M_Right Tilted_Ch18900_1RB_Offset 0

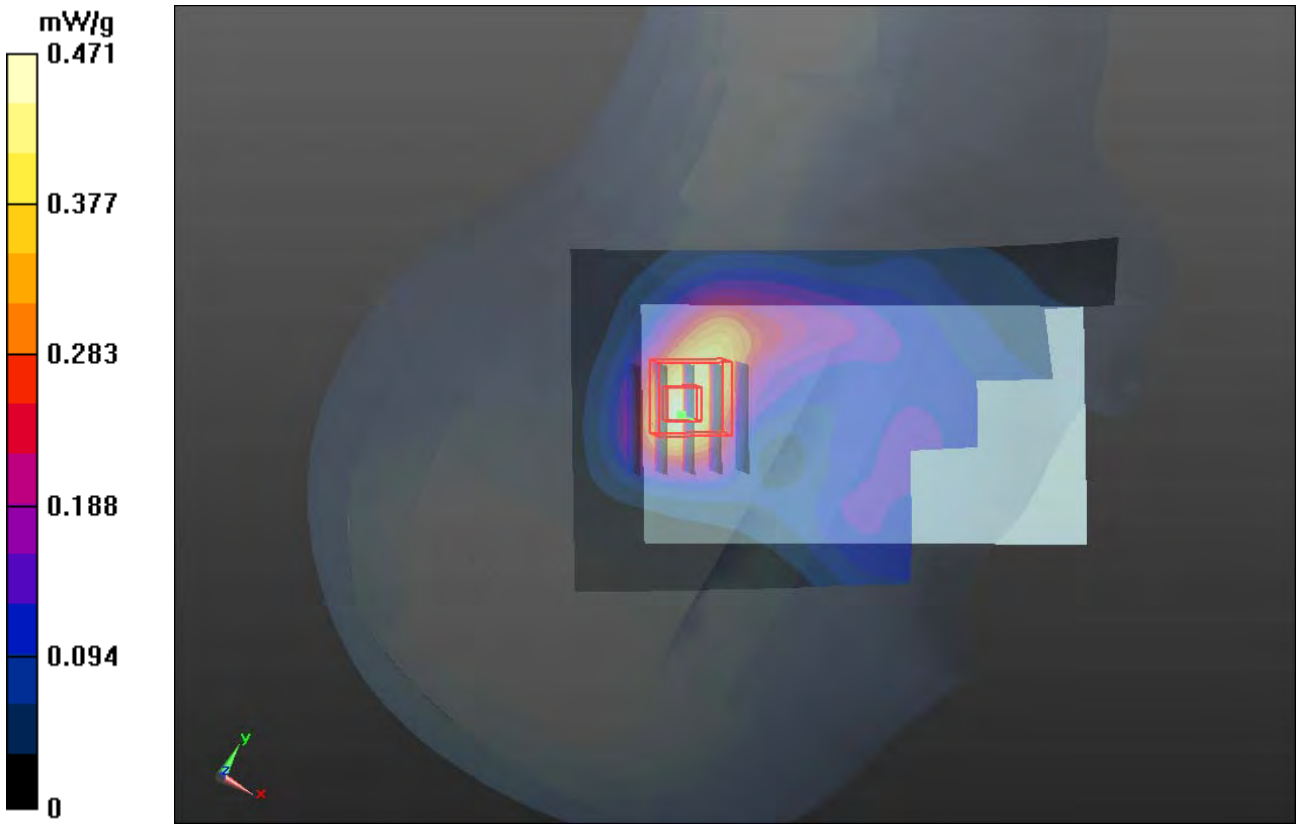
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.471 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.913 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.600 mW/g
SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.218 mW/g
Maximum value of SAR (measured) = 0.493 mW/g



P601 LTE 2_QPSK_10M_Left Cheek_Ch18900_1RB_Offset 0

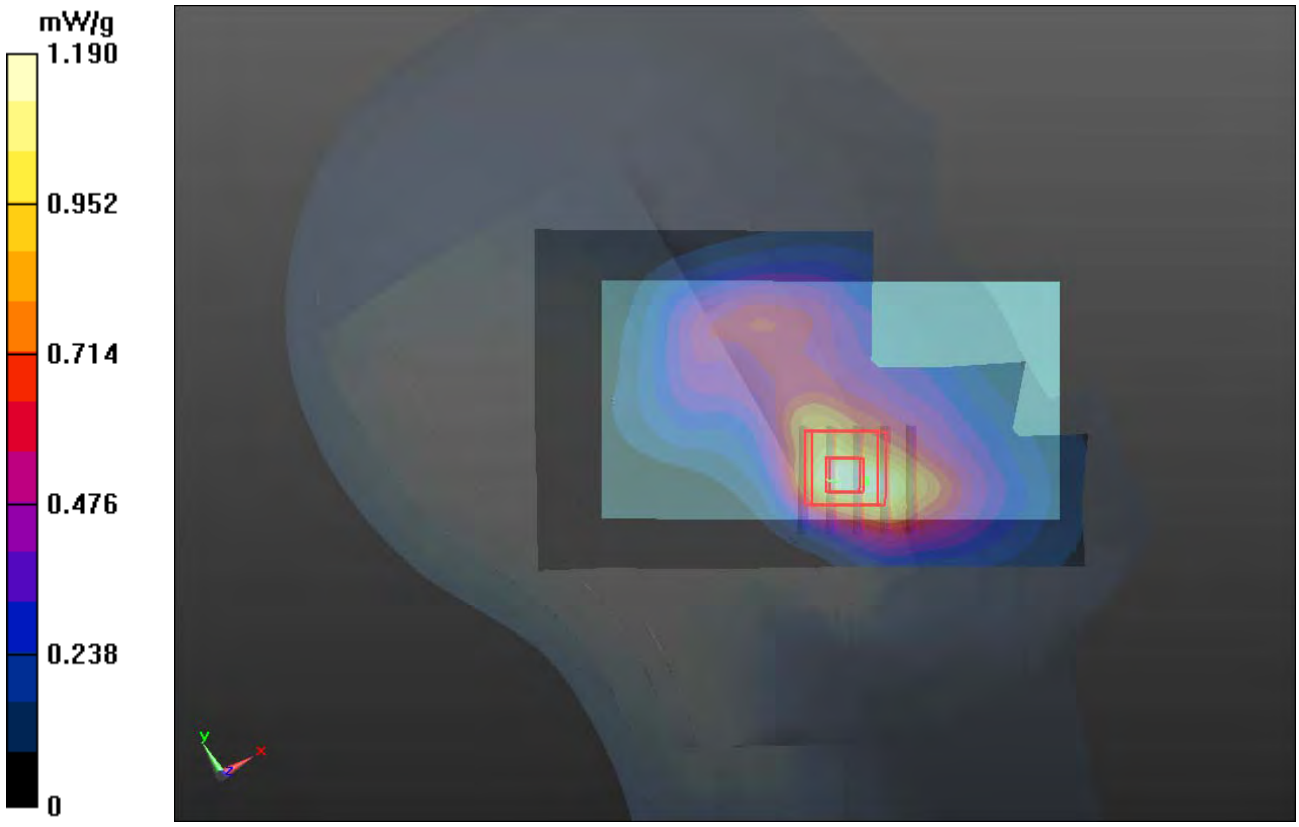
DUT: 120626C35

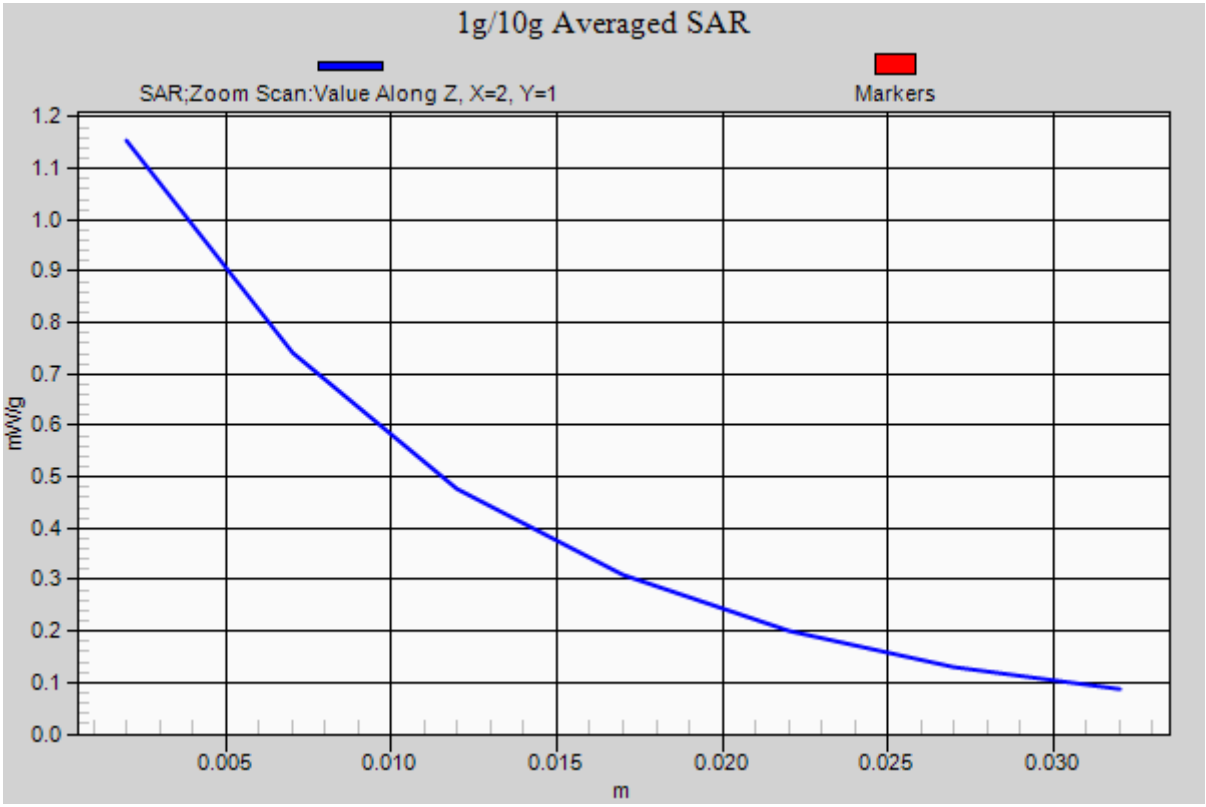
Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.19 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.899 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.409 mW/g
SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.552 mW/g
Maximum value of SAR (measured) = 1.15 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=1
Markers
mW/g
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
m

P602 LTE 2_QPSK_10M_Left Tilted_Ch18900_1RB_Offset 0

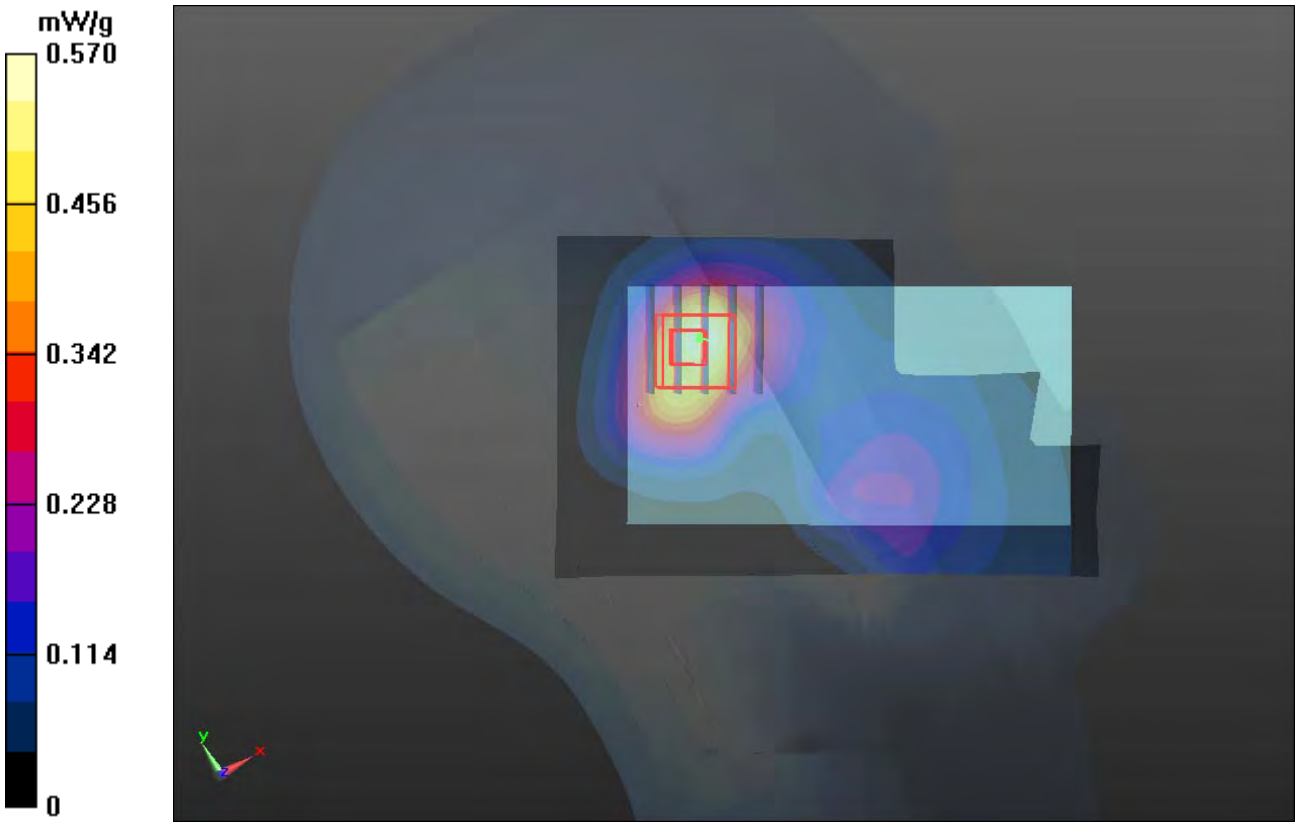
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.570 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.581 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.635 mW/g
SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.266 mW/g
Maximum value of SAR (measured) = 0.535 mW/g



P603 LTE 2_QPSK_10M_Right Cheek_Ch18900_1RB_Offset 49

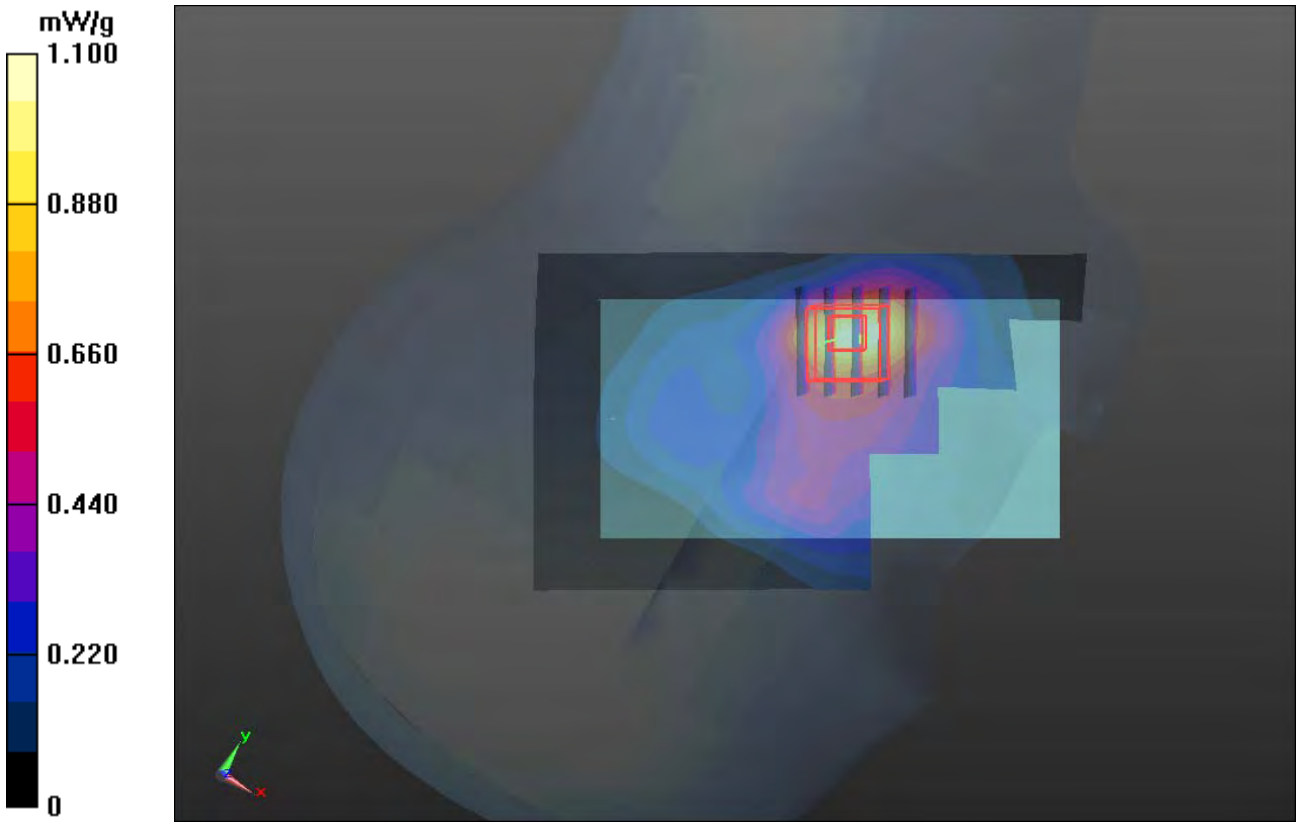
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.10 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.103 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.265 mW/g
SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.494 mW/g
Maximum value of SAR (measured) = 1.02 mW/g



P604 LTE 2_QPSK_10M_Right Tilted_Ch18900_1RB_Offset 49

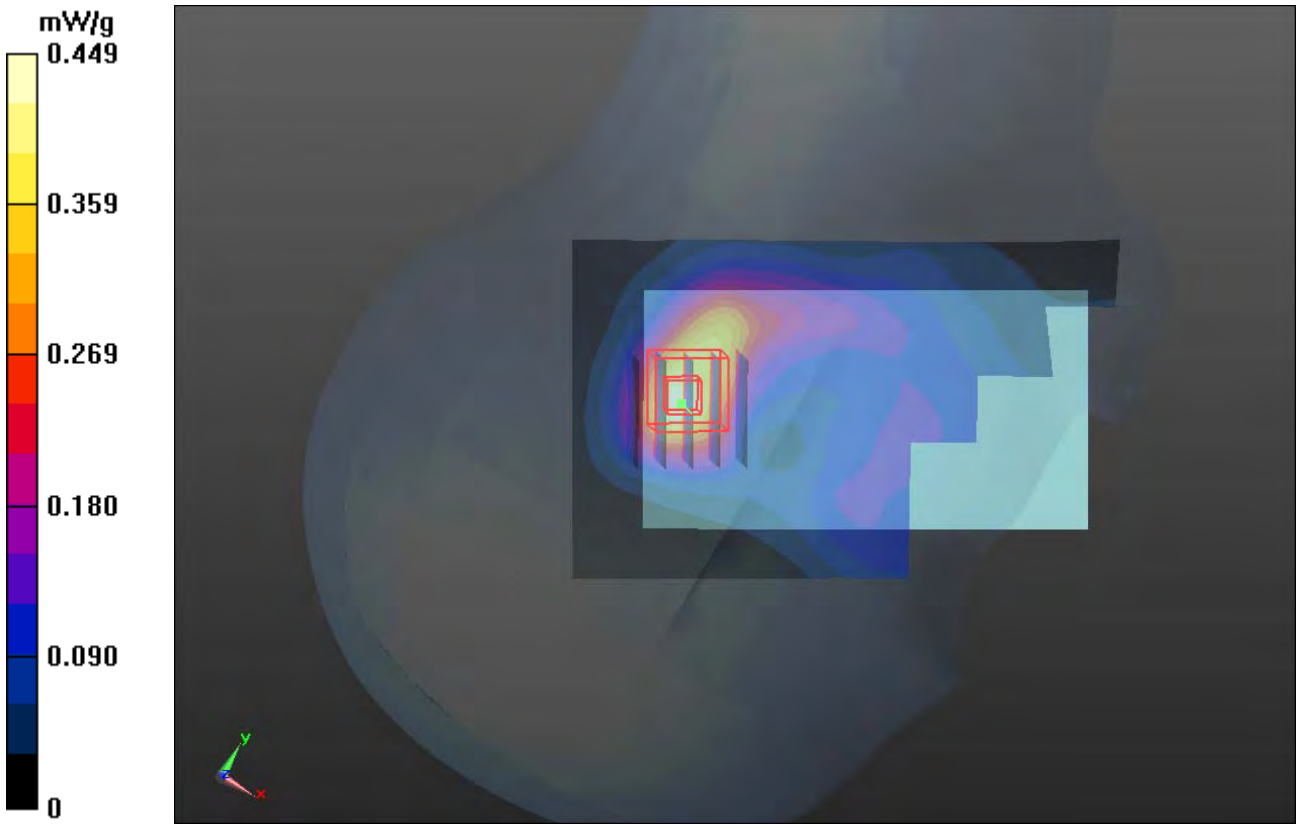
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.449 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.470 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.572 mW/g
SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.470 mW/g



P605 LTE 2_QPSK_10M_Left Cheek_Ch18900_1RB_Offset 49

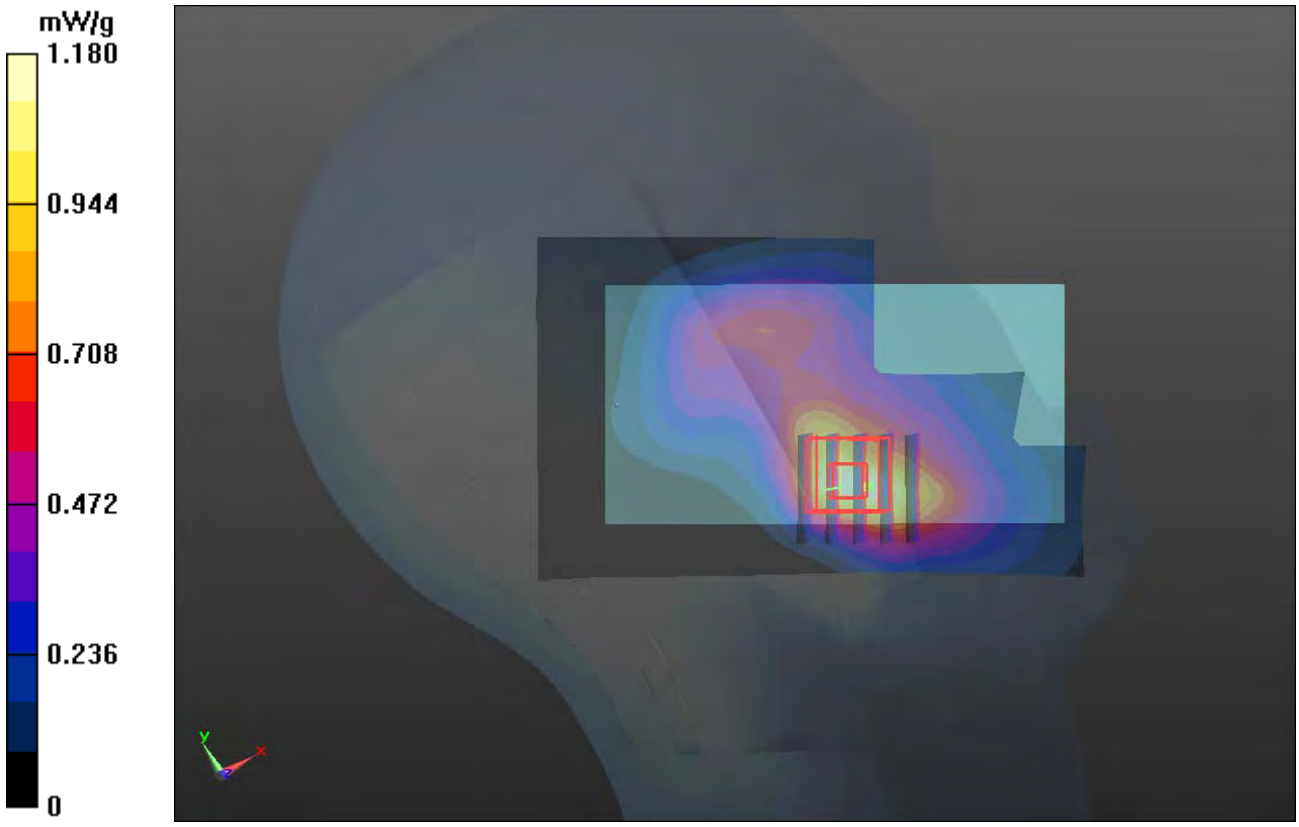
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.264 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.399 mW/g
SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.545 mW/g
Maximum value of SAR (measured) = 1.15 mW/g



P606 LTE 2_QPSK_10M_Left Tilted_Ch18900_1RB_Offset 49

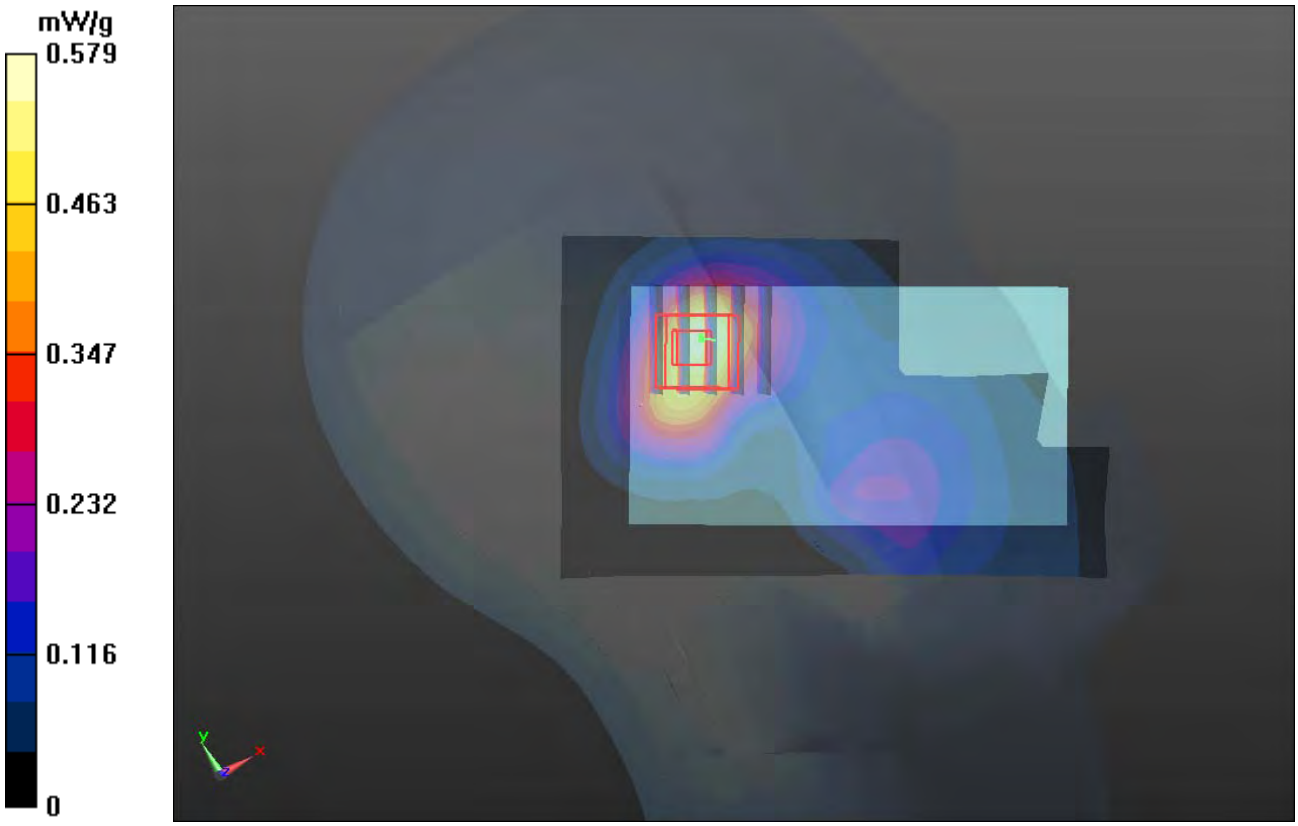
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.579 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.074 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.665 mW/g
SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.275 mW/g
Maximum value of SAR (measured) = 0.554 mW/g



P802 LTE 2_16QAM_10M_Right Check_Ch18900_1RB_offset 0

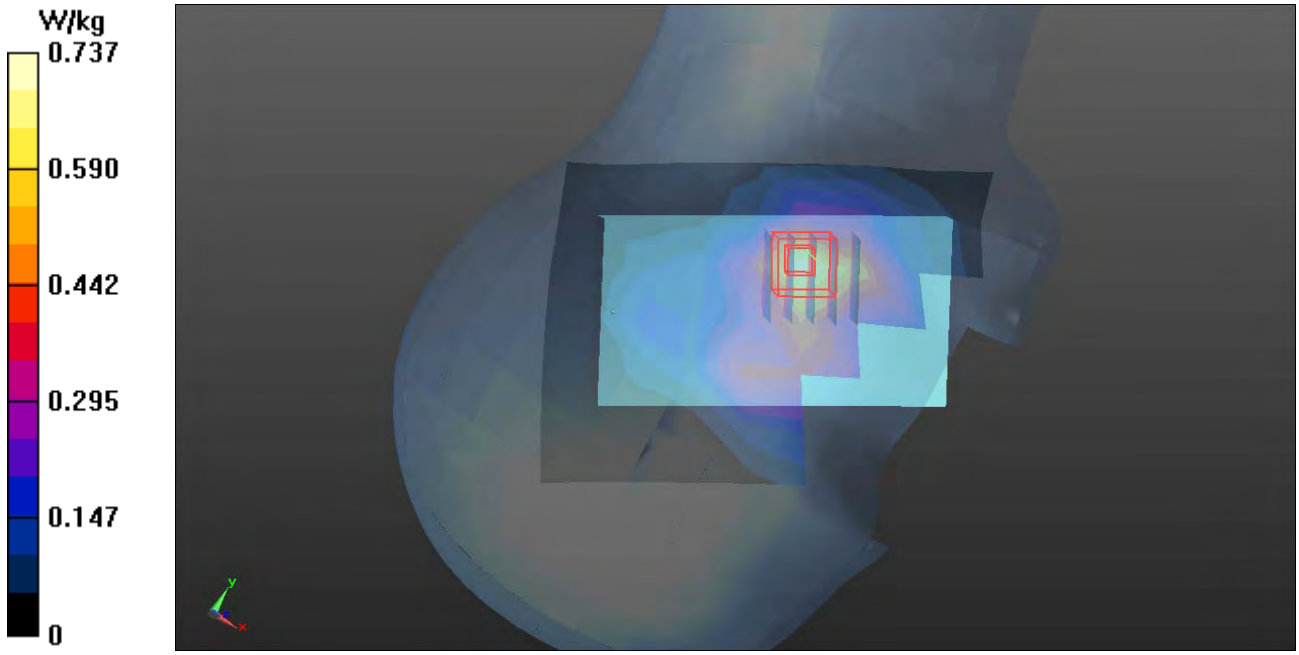
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_1024 Medium parameters used: f = 1880 MHz; σ = 1.403 mho/m; ε_r = 40.497; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch18900/Area Scan (7x10x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (measured) = 0.737 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.168 V/m; Power Drift = 0.056 dB
Peak SAR (extrapolated) = 0.922 mW/g
SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.359 mW/g
Maximum value of SAR (measured) = 0.758 W/kg



P805 LTE 2_16QAM_10M_Right Tilted_Ch18900_1RB_offset 0

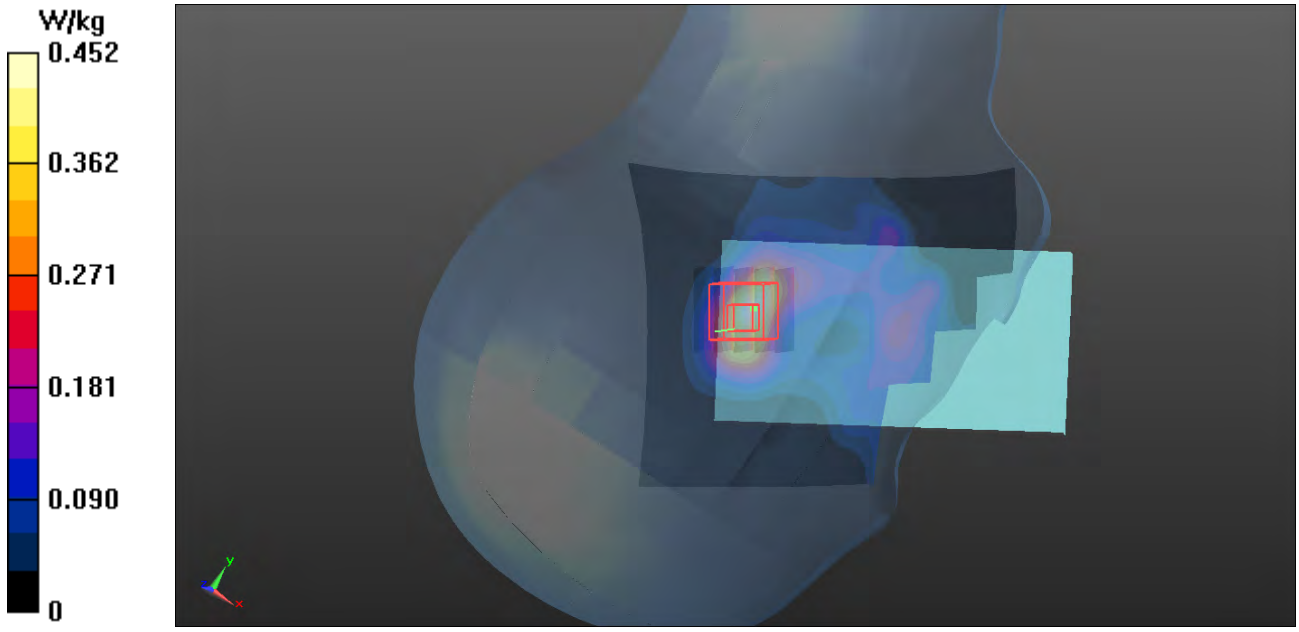
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_1024 Medium parameters used: f = 1880 MHz; σ = 1.403 mho/m; ε_r = 40.497; ρ = 1000 kg/m^3
Ambient Temperature：21.1 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch18900/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.452 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.918 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.459 mW/g
SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.353 W/kg



P607 LTE 2_16QAM_10M_Left Cheek_Ch18900_25RB_Offset 12

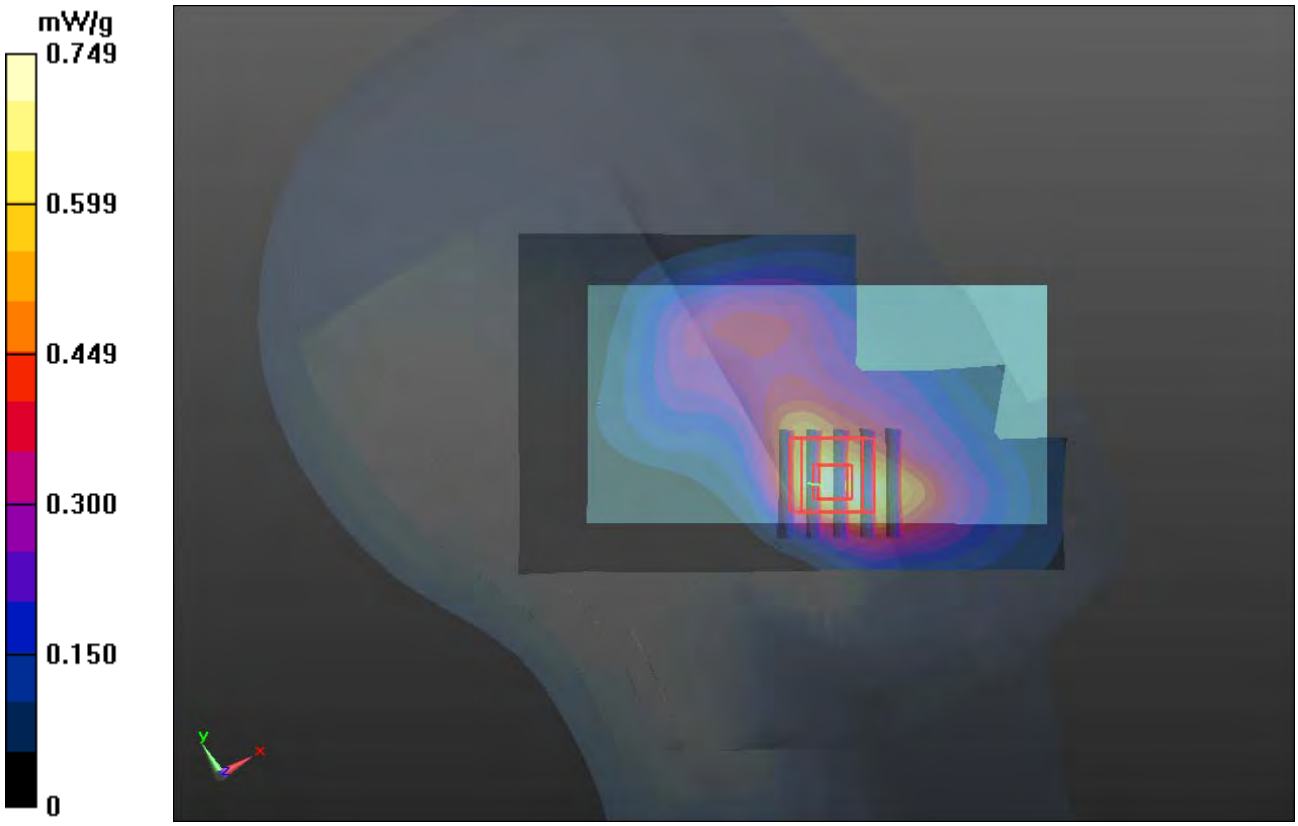
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.749 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.905 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.888 mW/g
SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.346 mW/g
Maximum value of SAR (measured) = 0.730 mW/g



P608 LTE 2_16QAM_10M_Left Cheek_Ch18900_1RB_Offset 0

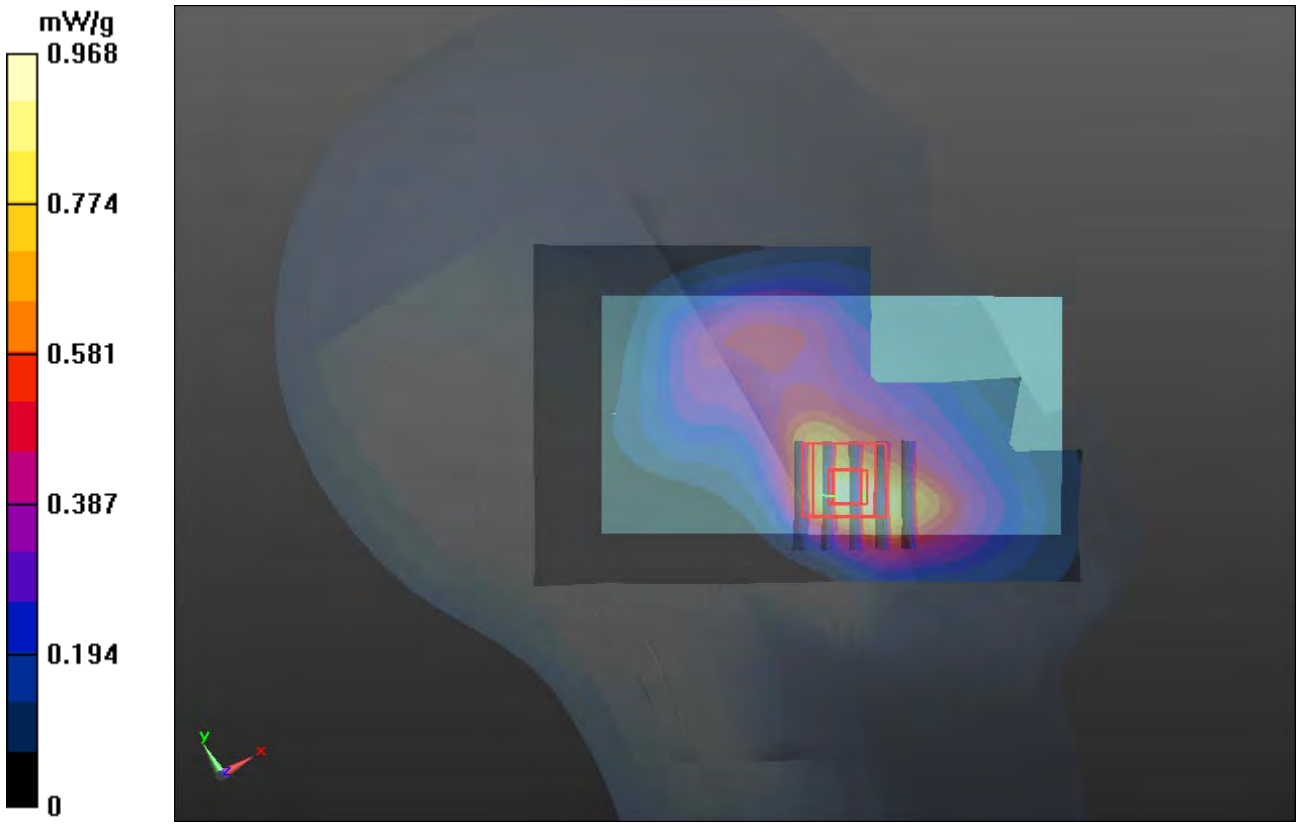
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.968 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.814 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.107 mW/g
SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.431 mW/g
Maximum value of SAR (measured) = 0.931 mW/g



P609 LTE 2_16QAM_10M_Left Cheek_Ch18900_1RB_Offset 49

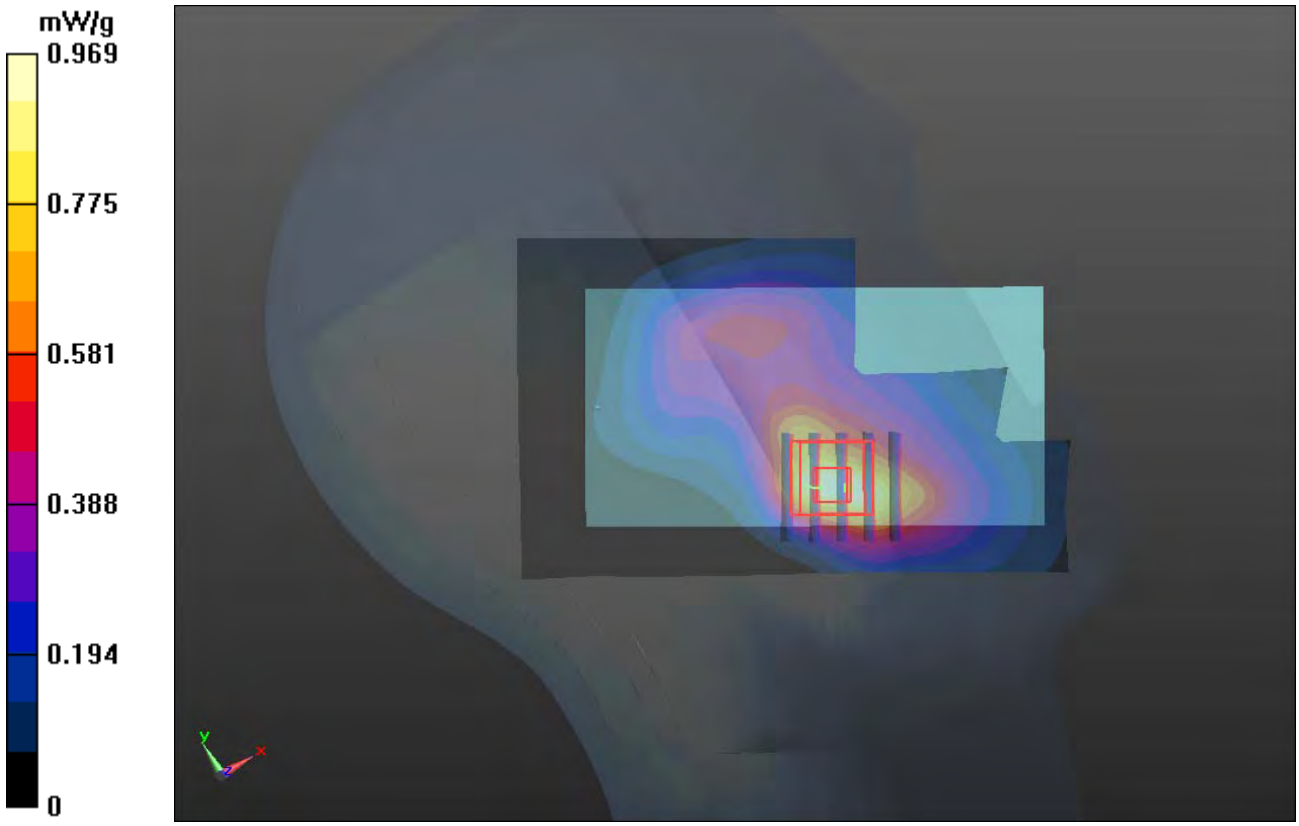
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_0711 Medium parameters used: f = 1880 MHz; σ = 1.416 mho/m; ε_r = 39.834; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.969 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.202 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.128 mW/g
SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.439 mW/g
Maximum value of SAR (measured) = 0.925 mW/g



P808 LTE 2_16QAM_10M_Left Tilted_Ch18900_1RB_offset 0

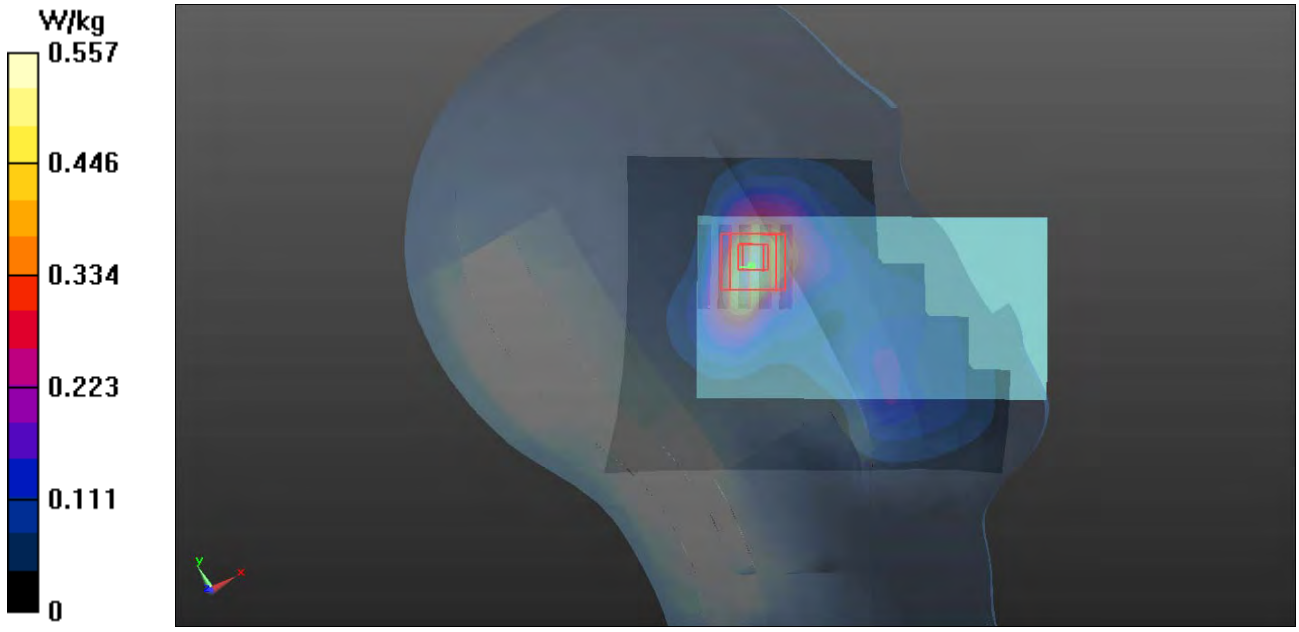
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: H1900_1024 Medium parameters used: f = 1880 MHz; σ = 1.403 mho/m; ε_r = 40.497; ρ = 1000 kg/m^3
Ambient Temperature：21.1 ℃; Liquid Temperature：20.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.83, 8.83, 8.83); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_right; Type: QD000P40CC; Serial: TP:1496
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch18900/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.557 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.957 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.544 mW/g
SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 0.461 W/kg



P101 802.11b_Right Cheek_Ch11

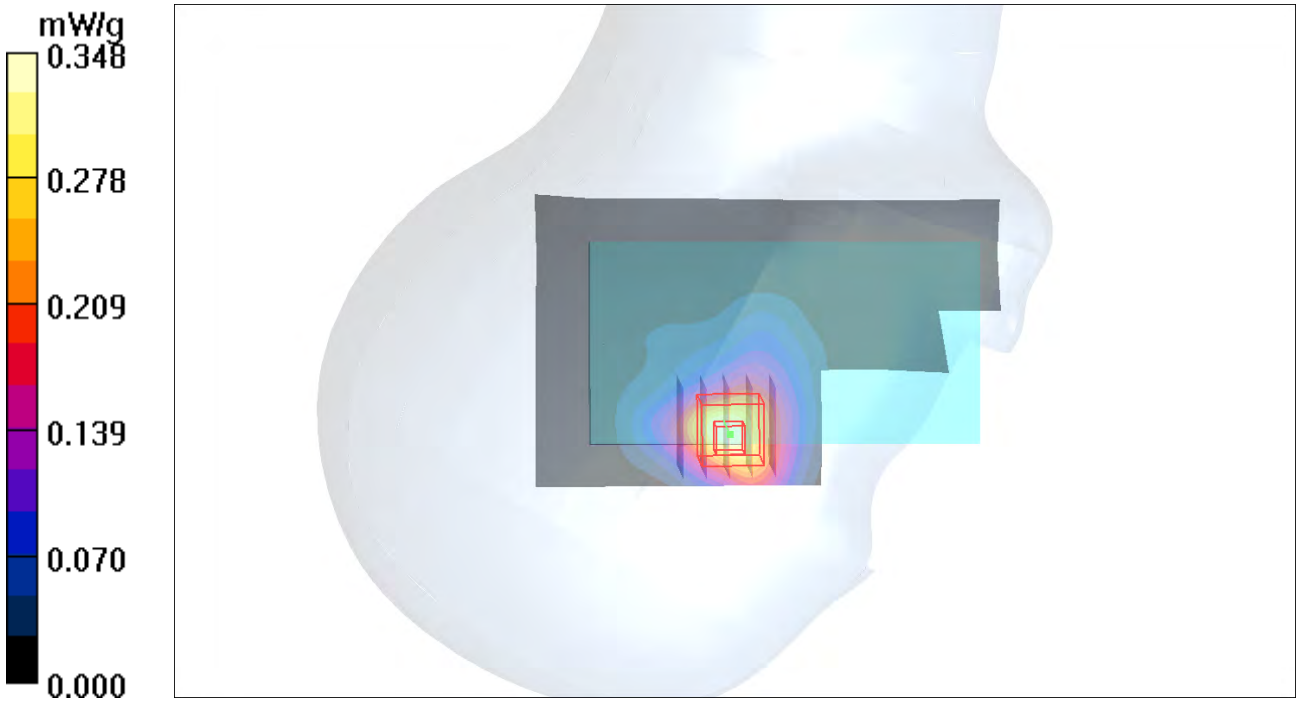
DUT: 126026C35

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0706 Medium parameters used: f = 2462 MHz; σ = 1.79 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.0 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.348 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.97 V/m; Power Drift = 0.165 dB
Peak SAR (extrapolated) = 0.591 W/kg
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.415 mW/g



P102 802.11b_Right Tilted_Ch11

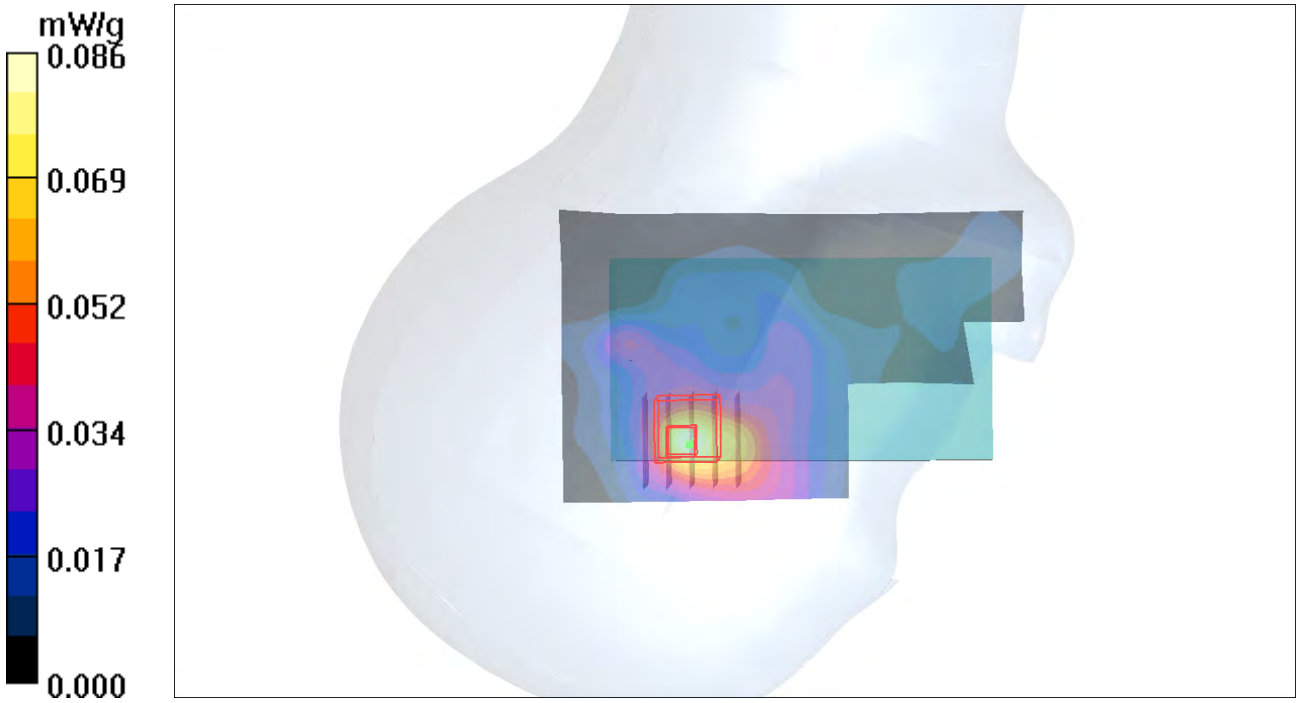
DUT: 126026C35

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0706 Medium parameters used: f = 2462 MHz; σ = 1.79 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.0 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.086 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.67 V/m; Power Drift = 0.106 dB
Peak SAR (extrapolated) = 0.242 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.079 mW/g



P103 802.11b_Left Cheek_Ch11

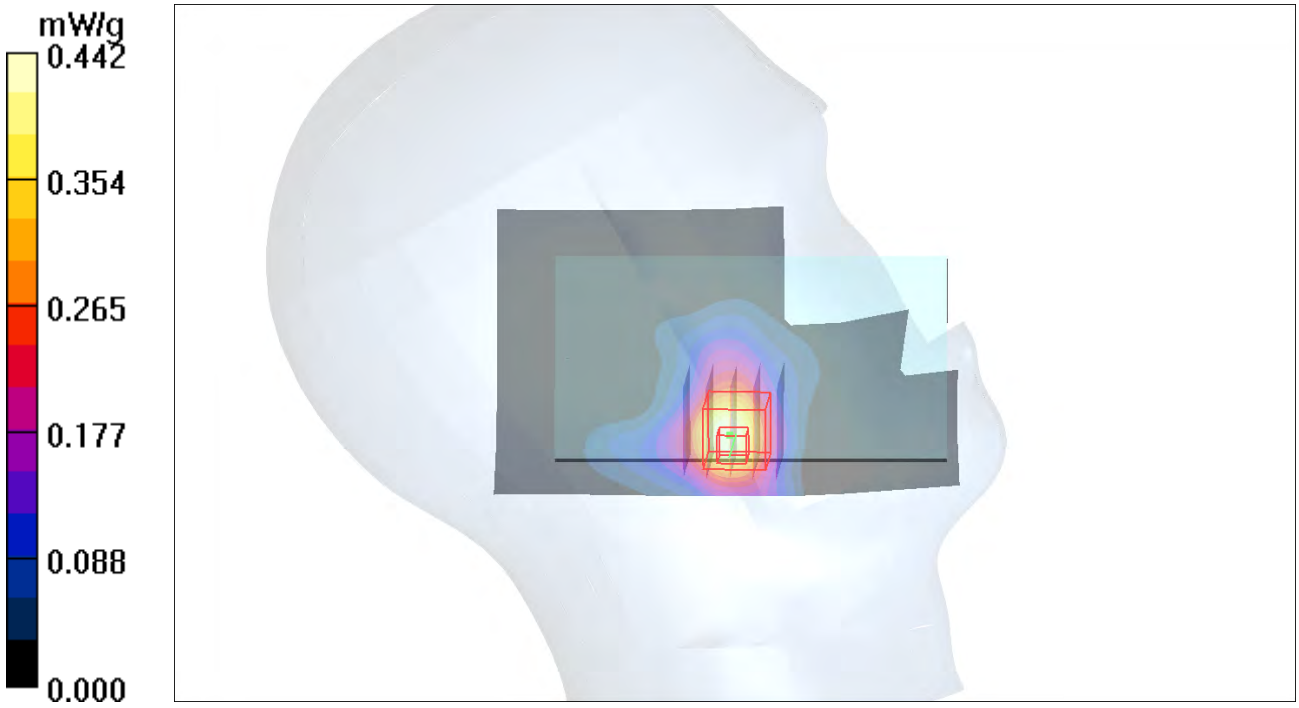
DUT: 126026C35

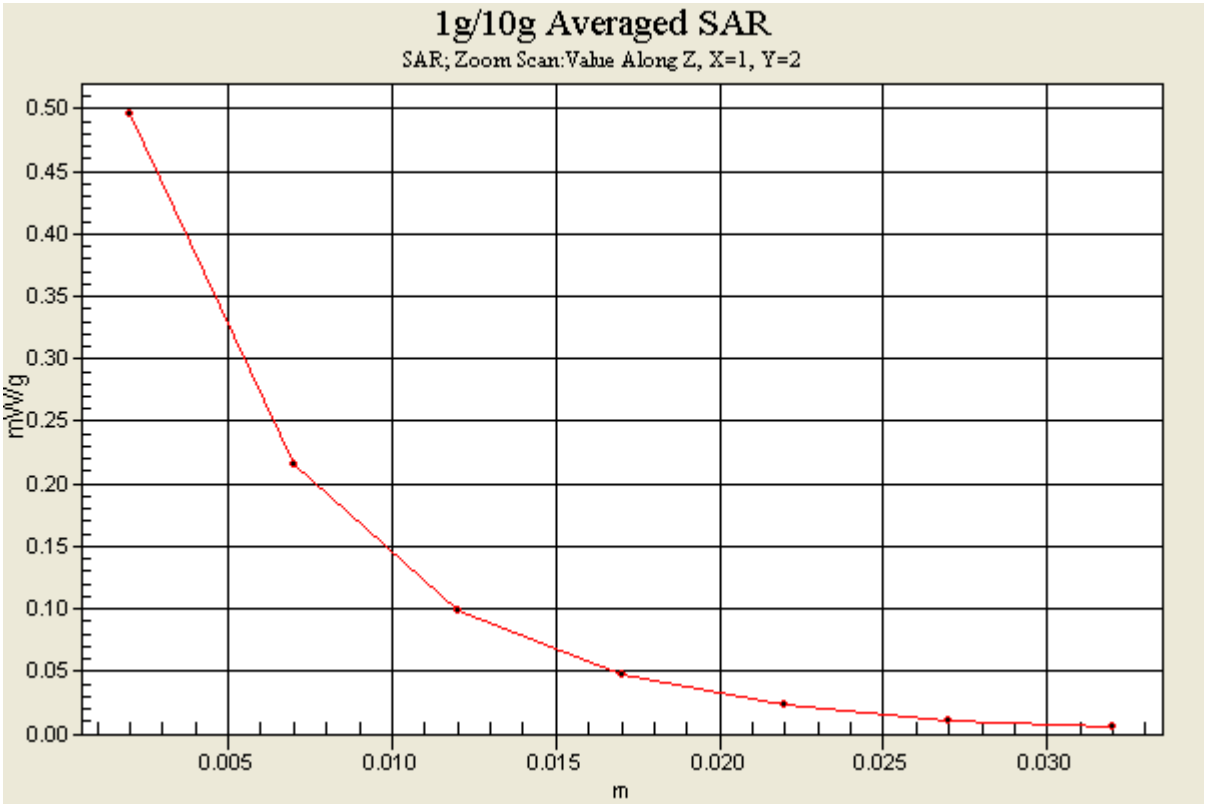
Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0706 Medium parameters used: f = 2462 MHz; σ = 1.79 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.0 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.442 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.77 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.703 W/kg
SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.496 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=1, Y=2
mW/g
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
m

P104 802.11b_Left Tilted_Ch11

DUT: 126026C35

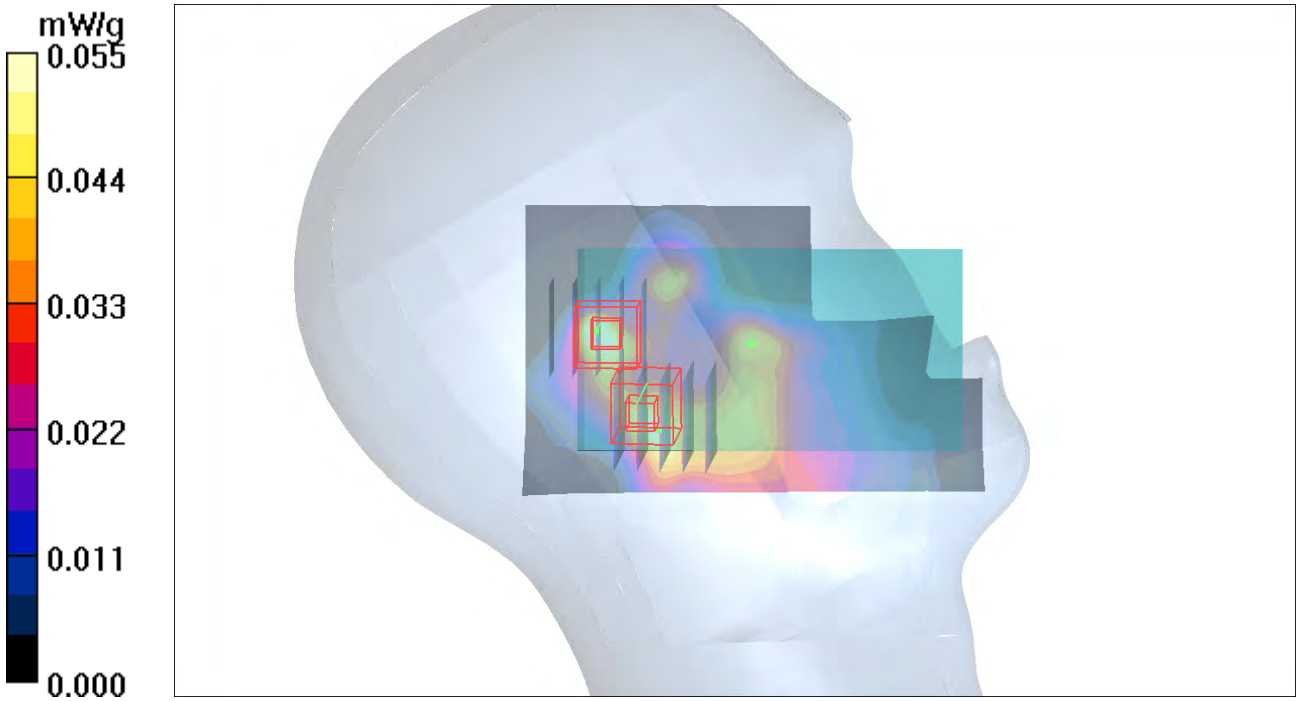
Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450_0706 Medium parameters used: f = 2462 MHz; σ = 1.79 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.0 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.88, 7.88, 7.88); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.063 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.63 V/m; Power Drift = 0.064 dB
Peak SAR (extrapolated) = 0.076 W/kg
SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.055 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.63 V/m; Power Drift = 0.064 dB
Peak SAR (extrapolated) = 0.067 W/kg
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.049 mW/g



P701 802.11a_Right Cheek_Ch40

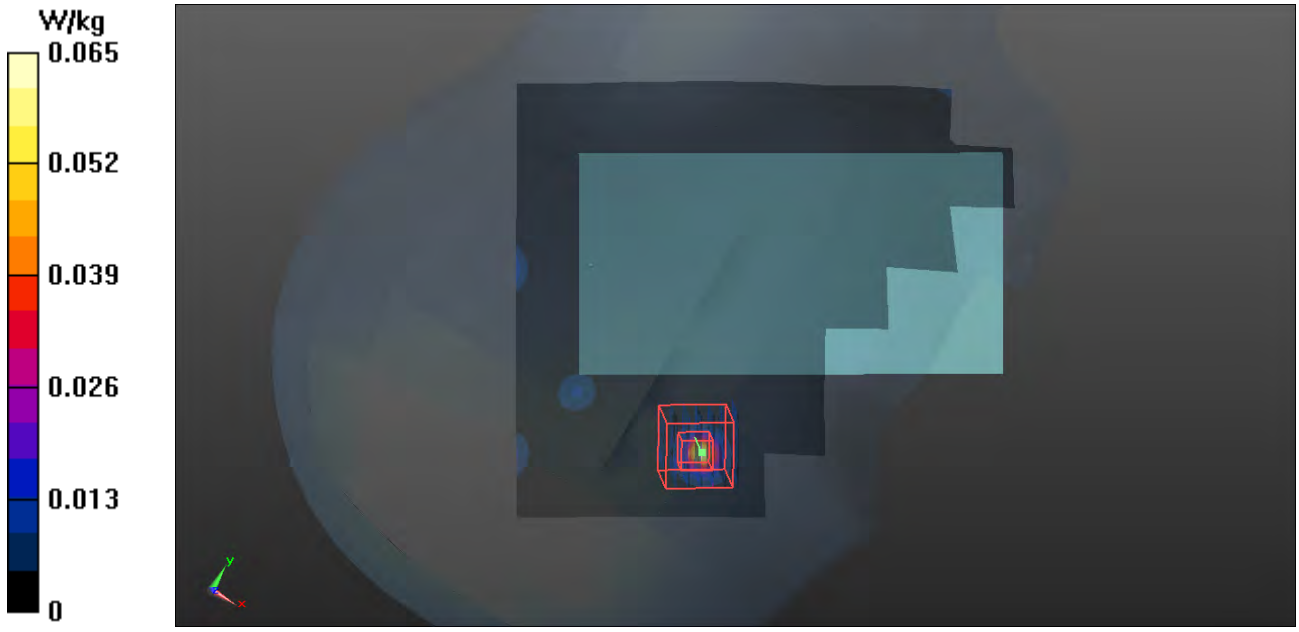
DUT: 120626C35

Communication System: WLAN_5G; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: H5G_1019 Medium parameters used: f = 5200 MHz; σ = 4.592 mho/m; ε_r = 36.805; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(5.15, 5.15, 5.15); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch40/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0652 W/kg

Ch40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.537 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.280 mW/g
SAR(1 g) = 0.00984 mW/g; SAR(10 g) = 0.000995 mW/g
Maximum value of SAR (measured) = 0.0994 W/kg



P702 802.11a_Right Tilted_Ch40

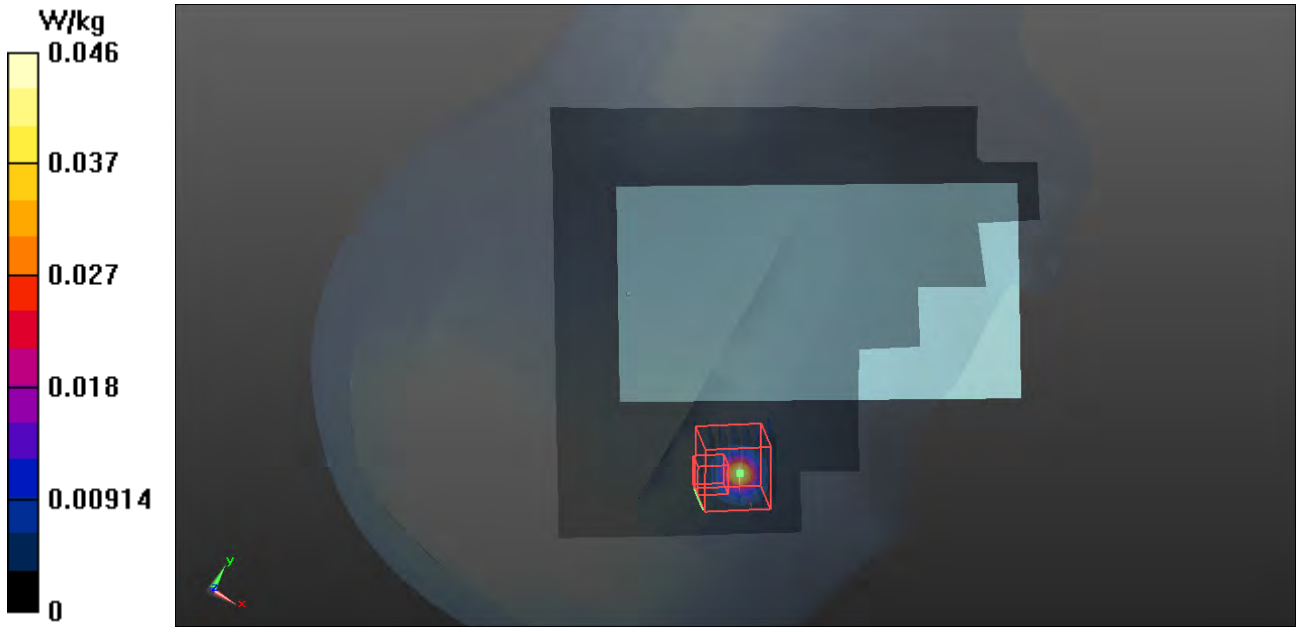
DUT: 120626C35

Communication System: WLAN_5G; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: H5G_1019 Medium parameters used: f = 5200 MHz; σ = 4.592 mho/m; ε_r = 36.805; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(5.15, 5.15, 5.15); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch40/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0457 W/kg

Ch40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.013 mW/g
SAR(1 g) = 5.01e-006 mW/g; SAR(10 g) = 1.31e-007 mW/g
Maximum value of SAR (measured) = 0.117 W/kg



P703 802.11a_Left Cheek_Ch40

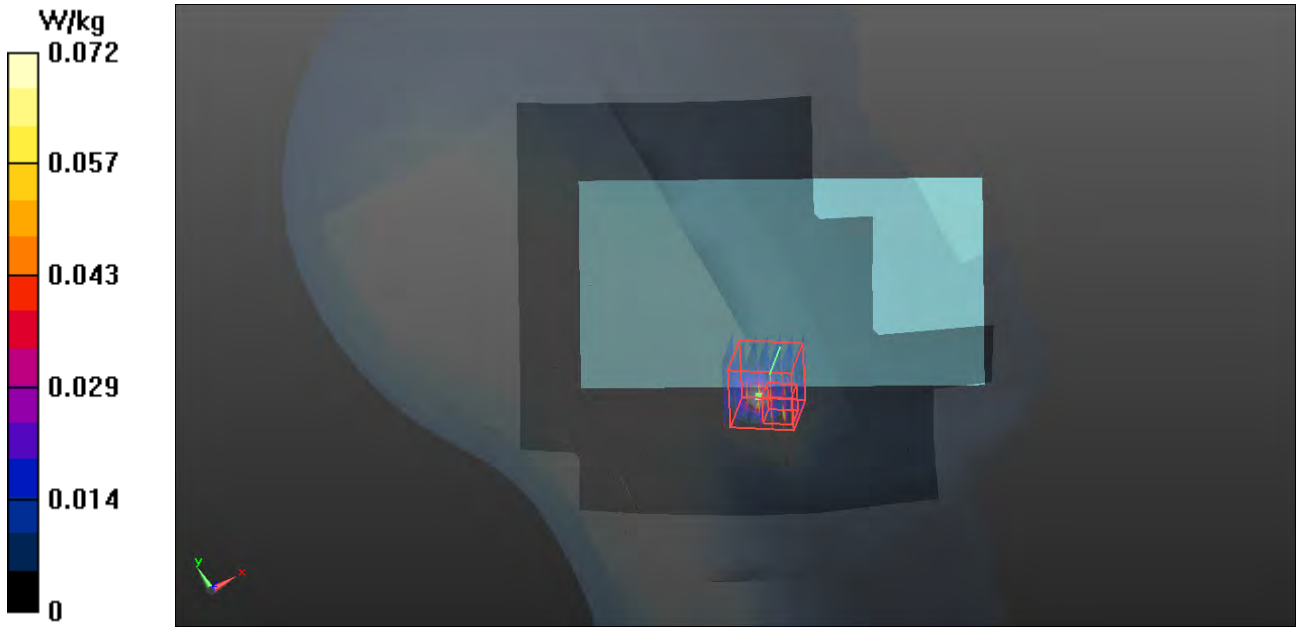
DUT: 120626C35

Communication System: WLAN_5G; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: H5G_1019 Medium parameters used: f = 5200 MHz; σ = 4.592 mho/m; ε_r = 36.805; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(5.15, 5.15, 5.15); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch40/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0717 W/kg

Ch40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.978 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.215 mW/g
SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.0772 W/kg



P650 802.11n_HT20_Right Cheek_Ch48

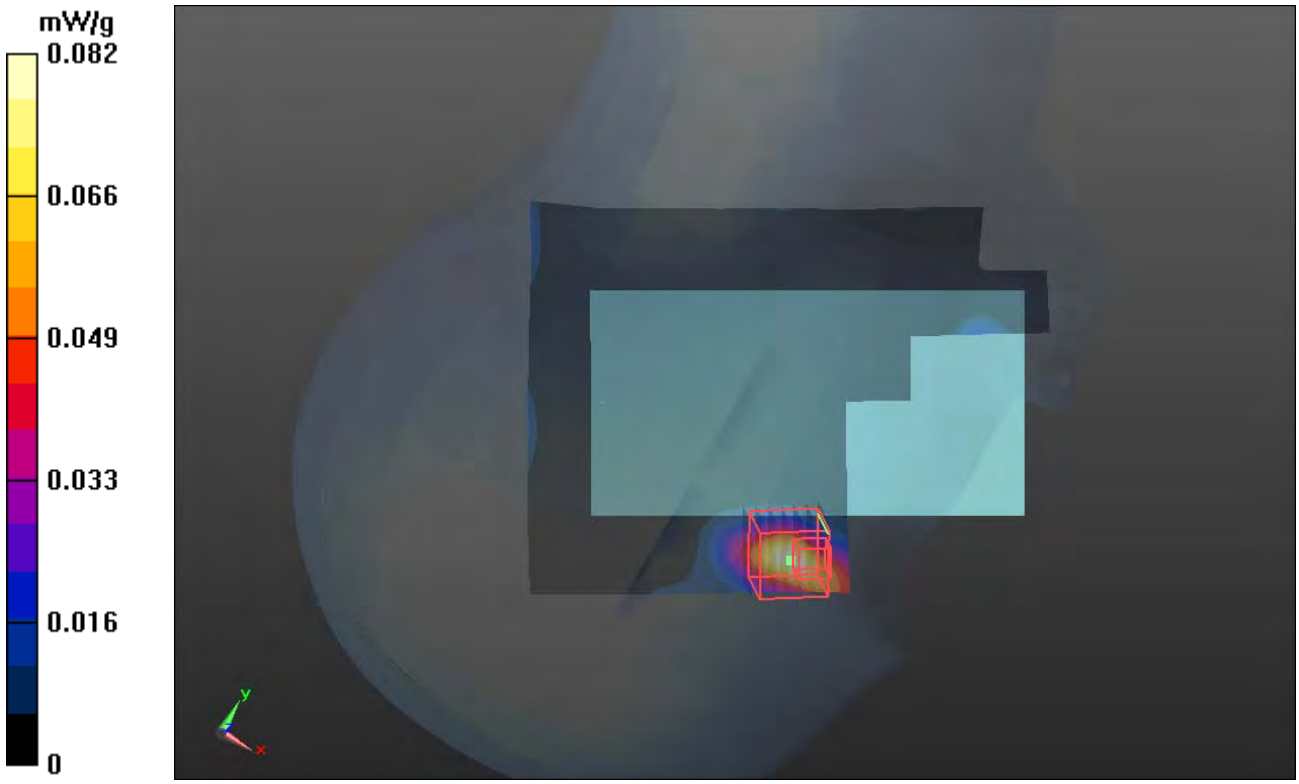
DUT: 120626C35

Communication System: WLAN 5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5240 MHz; σ = 4.75 mho/m; ε_r = 36.987; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.64, 5.64, 5.64); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0821 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.452 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.076 mW/g
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00335 mW/g
Maximum value of SAR (measured) = 0.0461 mW/g



P651 802.11n_HT20_Right Tilted_Ch48

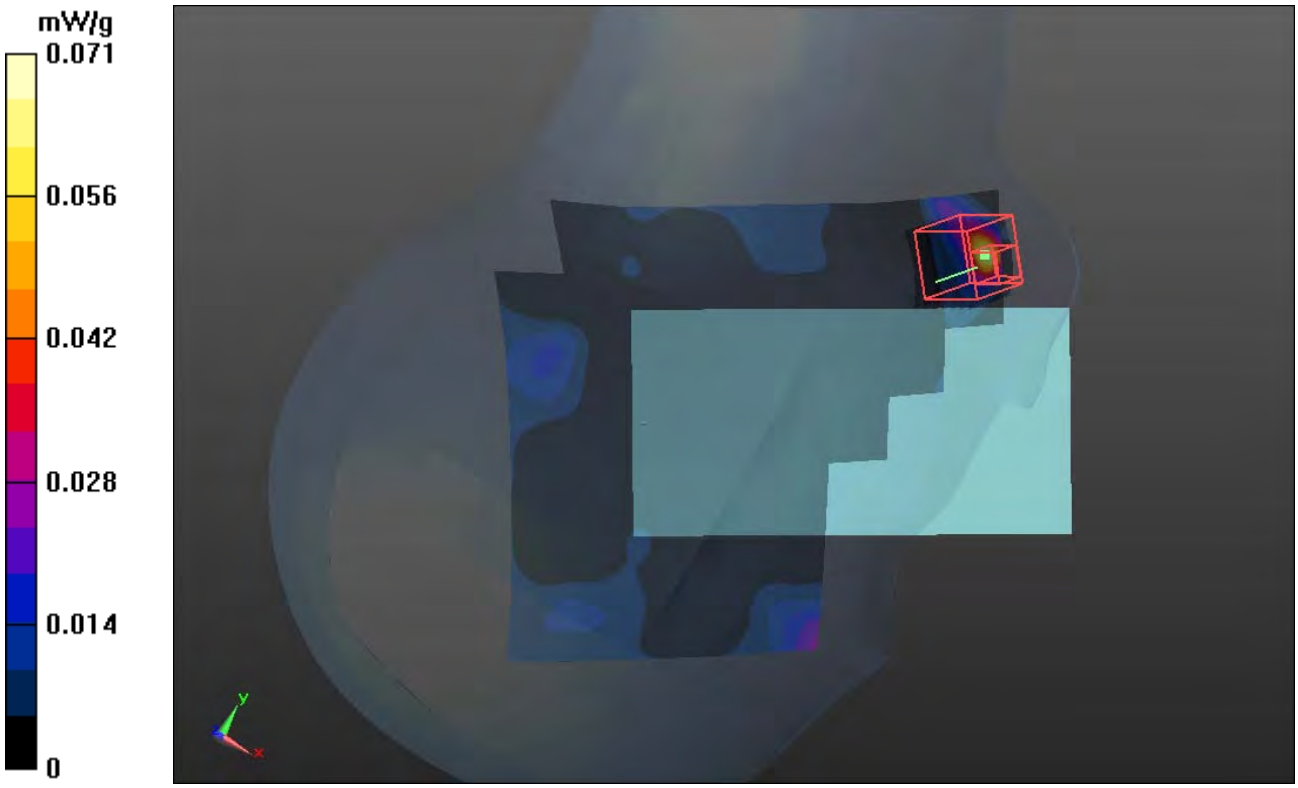
DUT: 120626C35

Communication System: WLAN 5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5240 MHz; σ = 4.75 mho/m; ε_r = 36.987; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.64, 5.64, 5.64); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0706 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.068 mW/g
SAR(1 g) = 0.00403 mW/g; SAR(10 g) = 0.00104 mW/g
Maximum value of SAR (measured) = 0.0304 mW/g



P652 802.11n_HT20_Left Cheek_Ch48

DUT: 120626C35

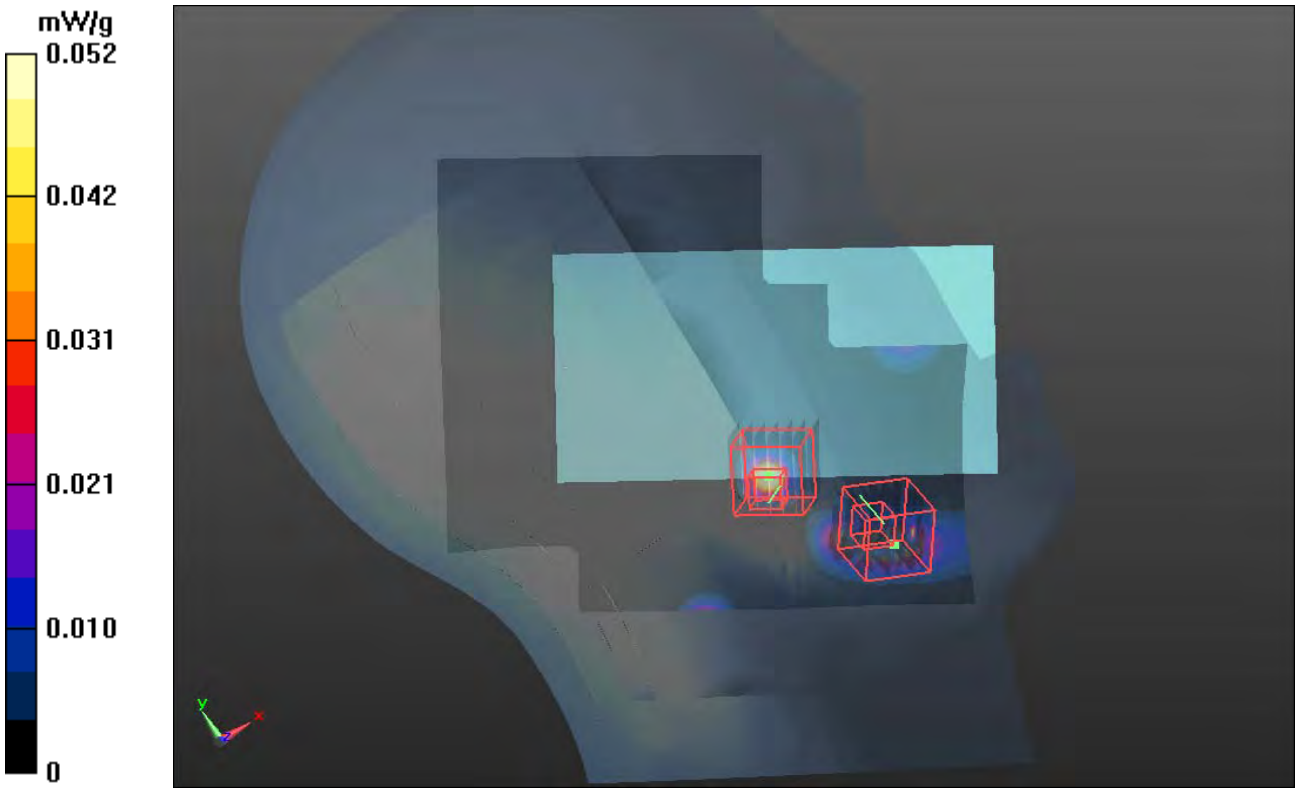
Communication System: WLAN 5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5240 MHz; σ = 4.75 mho/m; ε_r = 36.987; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

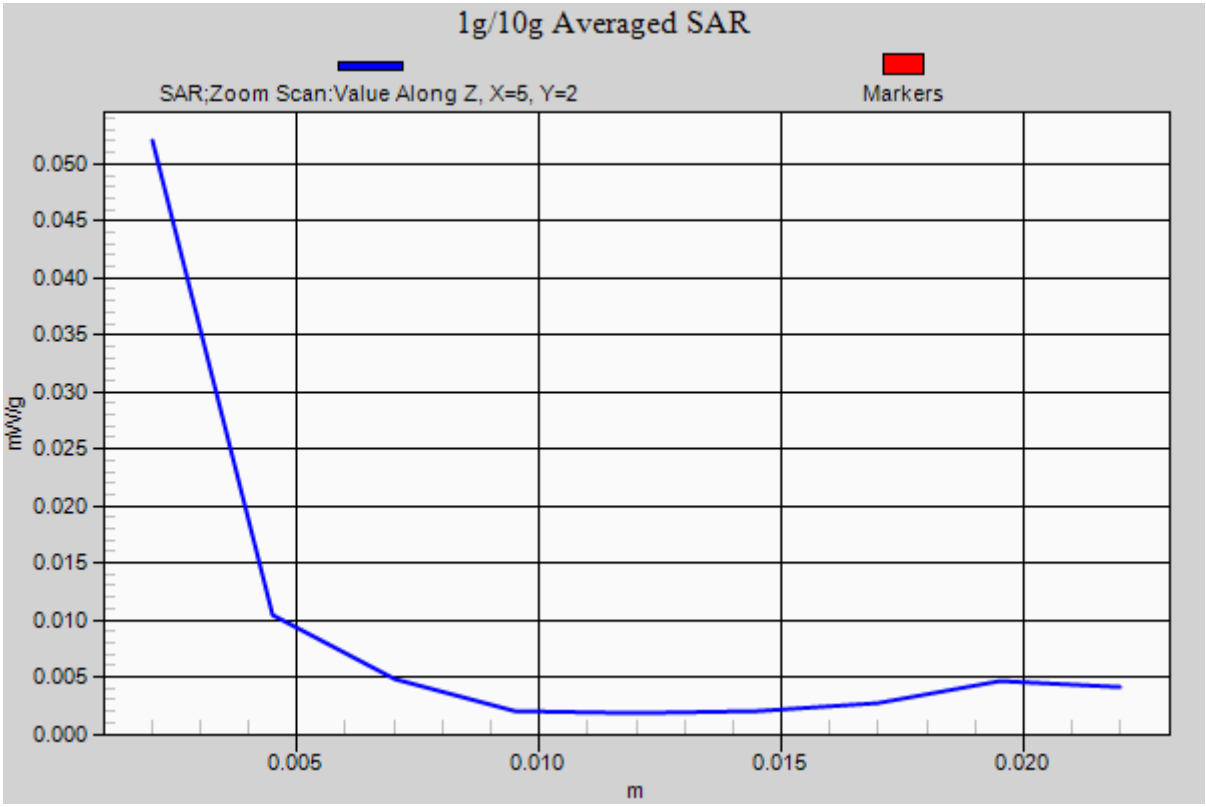
DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.64, 5.64, 5.64); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0641 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.855 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.226 mW/g
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.0740 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.855 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.053 mW/g
SAR(1 g) = 0.00542 mW/g; SAR(10 g) = 0.00166 mW/g
Maximum value of SAR (measured) = 0.0520 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=5, Y=2
Markers
mW/g
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0.005
0.010
0.015
0.020
m

P653 802.11n_HT20_Left Tilted_Ch48

DUT: 120626C35

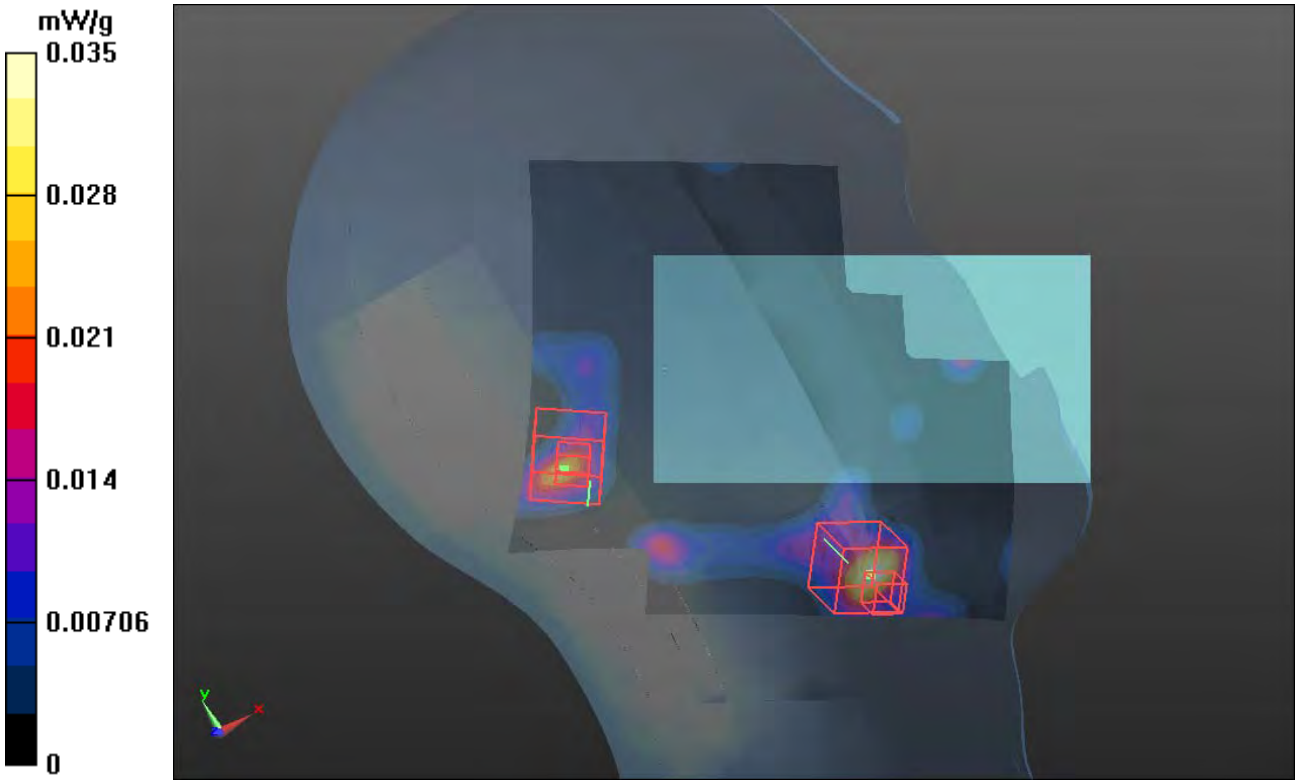
Communication System: WLAN 5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5240 MHz; σ = 4.75 mho/m; ε_r = 36.987; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.64, 5.64, 5.64); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0353 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.058 mW/g
SAR(1 g) = 0.00366 mW/g; SAR(10 g) = 0.000793 mW/g
Maximum value of SAR (measured) = 0.0284 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.039 mW/g
SAR(1 g) = 0.00286 mW/g; SAR(10 g) = 0.00101 mW/g
Maximum value of SAR (measured) = 0.00827 mW/g



P705 802.11a_Right Cheek_Ch56

DUT: 120626C35

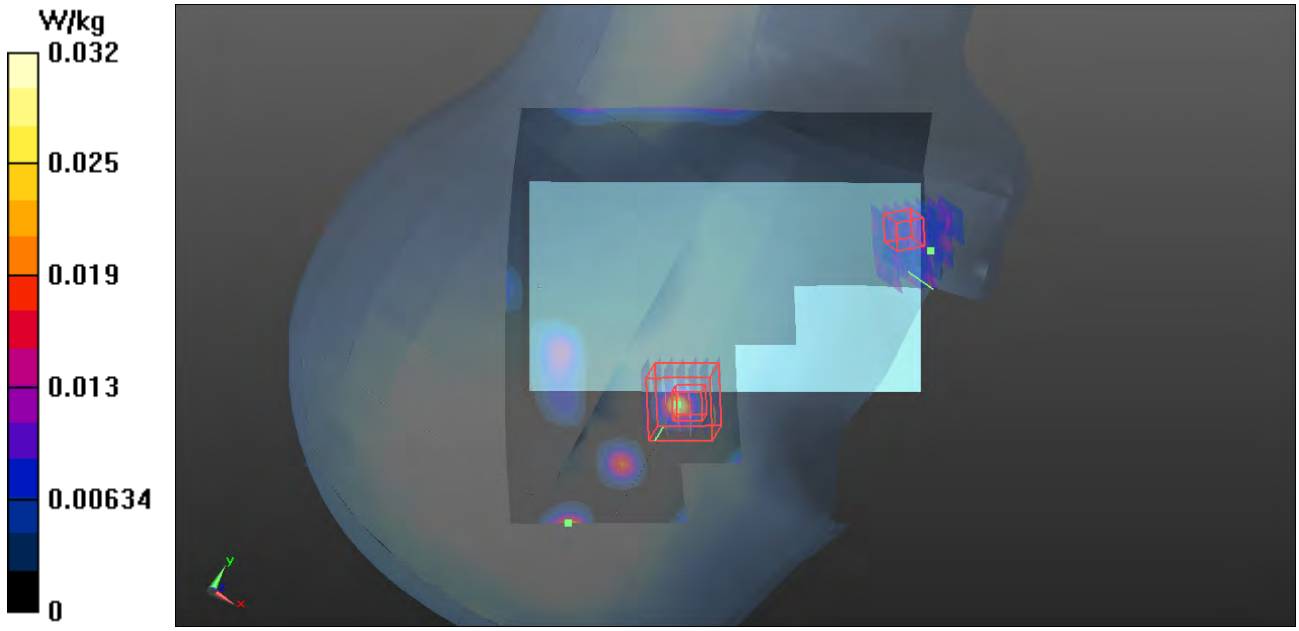
Communication System: WLAN_5G; Frequency: 5280 MHz;Duty Cycle: 1:1
Medium: H5G_1019 Medium parameters used: f = 5280 MHz; σ = 4.72 mho/m; ε_r = 36.862; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch56/Area Scan (141x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0317 W/kg

Ch56/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.104 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.104 mW/g
SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00549 mW/g
Maximum value of SAR (measured) = 0.0641 W/kg

Ch56/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.104 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.022 mW/g
SAR(1 g) = 0.00905 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.0223 W/kg



P706 802.11a_Right Tilted_Ch56

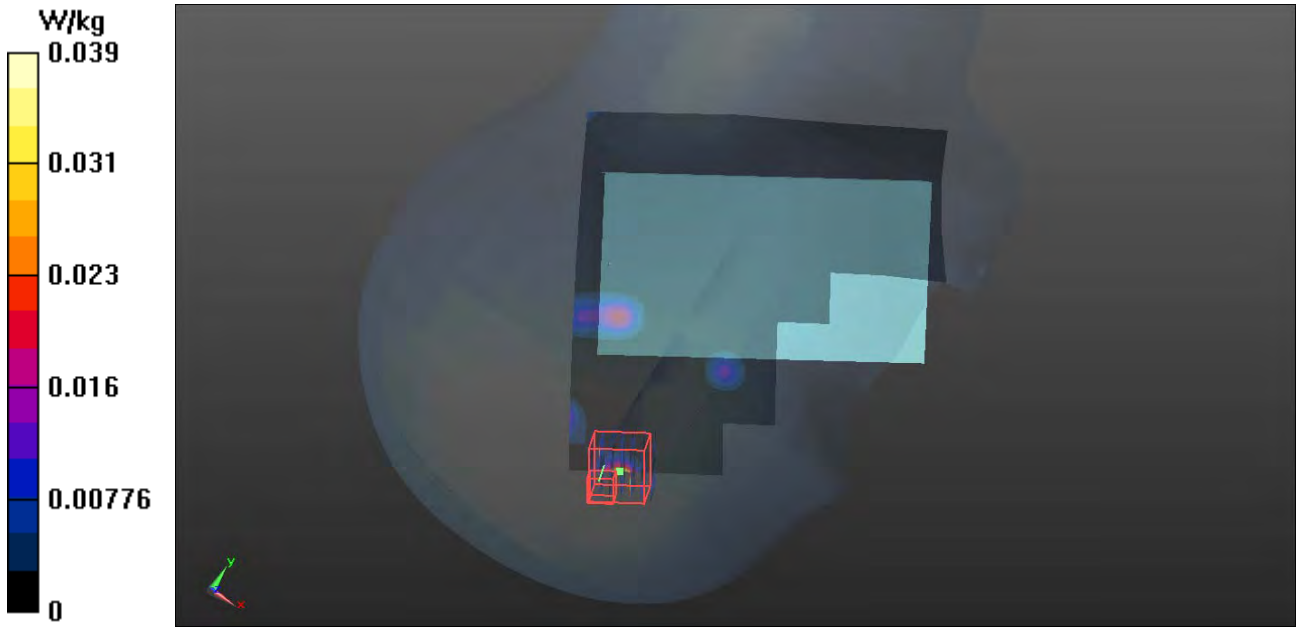
DUT: 120626C35

Communication System: WLAN_5G; Frequency: 5280 MHz;Duty Cycle: 1:1
Medium: H5G_1019 Medium parameters used: f = 5280 MHz; σ = 4.72 mho/m; ε_r = 36.862; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch56/Area Scan (141x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0388 W/kg

Ch56/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.103 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.00945 mW/g
SAR(1 g) = 1.01e-005 mW/g; SAR(10 g) = 2.05e-007 mW/g
Maximum value of SAR (measured) = 0.0605 W/kg



P707 802.11a_Left Cheek_Ch56

DUT: 120626C35

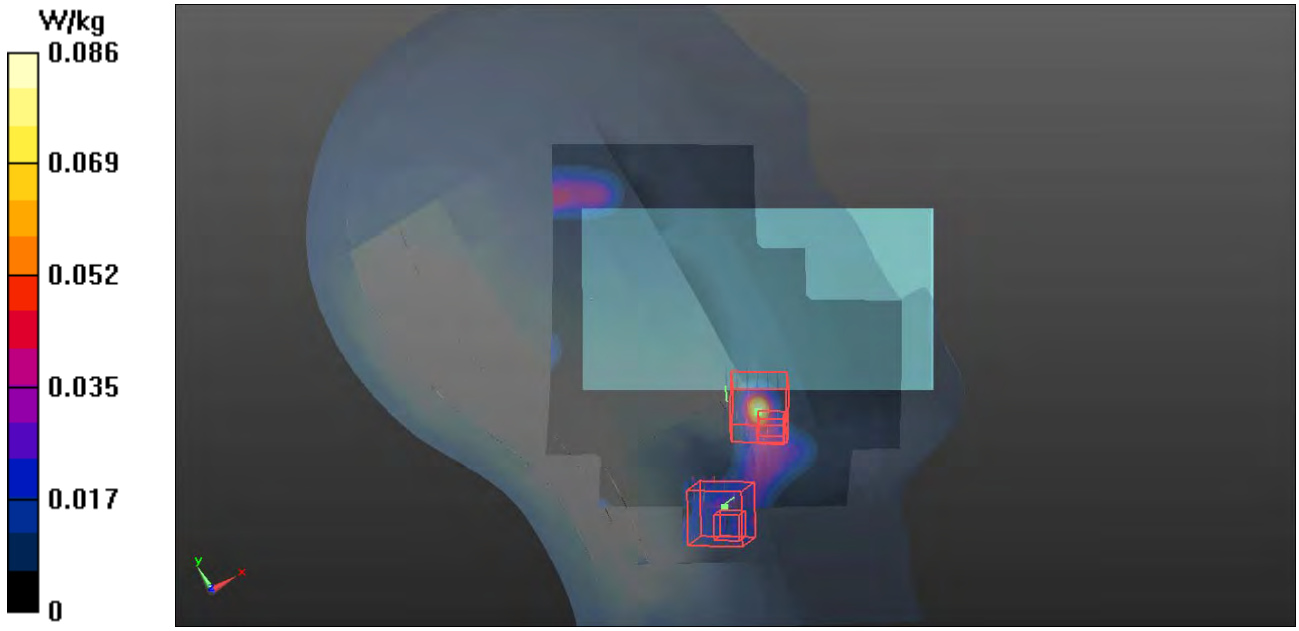
Communication System: WLAN_5G; Frequency: 5280 MHz;Duty Cycle: 1:1
Medium: H5G_1019 Medium parameters used: f = 5280 MHz; σ = 4.72 mho/m; ε_r = 36.862; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(4.93, 4.93, 4.93); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch56/Area Scan (141x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0864 W/kg

Ch56/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.199 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.301 mW/g
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00249 mW/g
Maximum value of SAR (measured) = 0.112 W/kg

Ch56/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.199 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.00225 mW/g
SAR(1 g) = 1.01e-005 mW/g; SAR(10 g) = 9.94e-007 mW/g
Maximum value of SAR (measured) = 0.102 W/kg



P654 802.11n_HT20_Right Cheek_Ch52

DUT: 120626C35

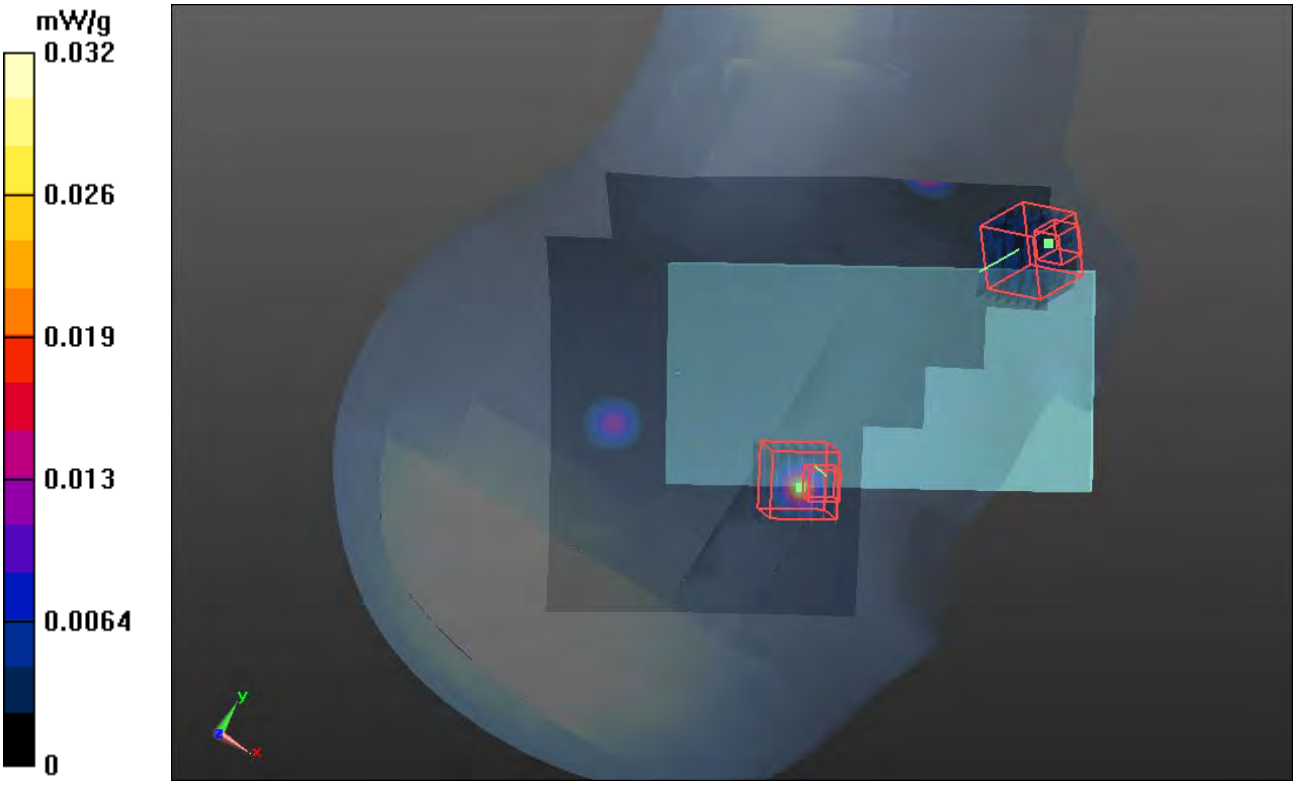
Communication System: WLAN 5G; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5260 MHz; σ = 4.78 mho/m; ε_r = 36.94; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

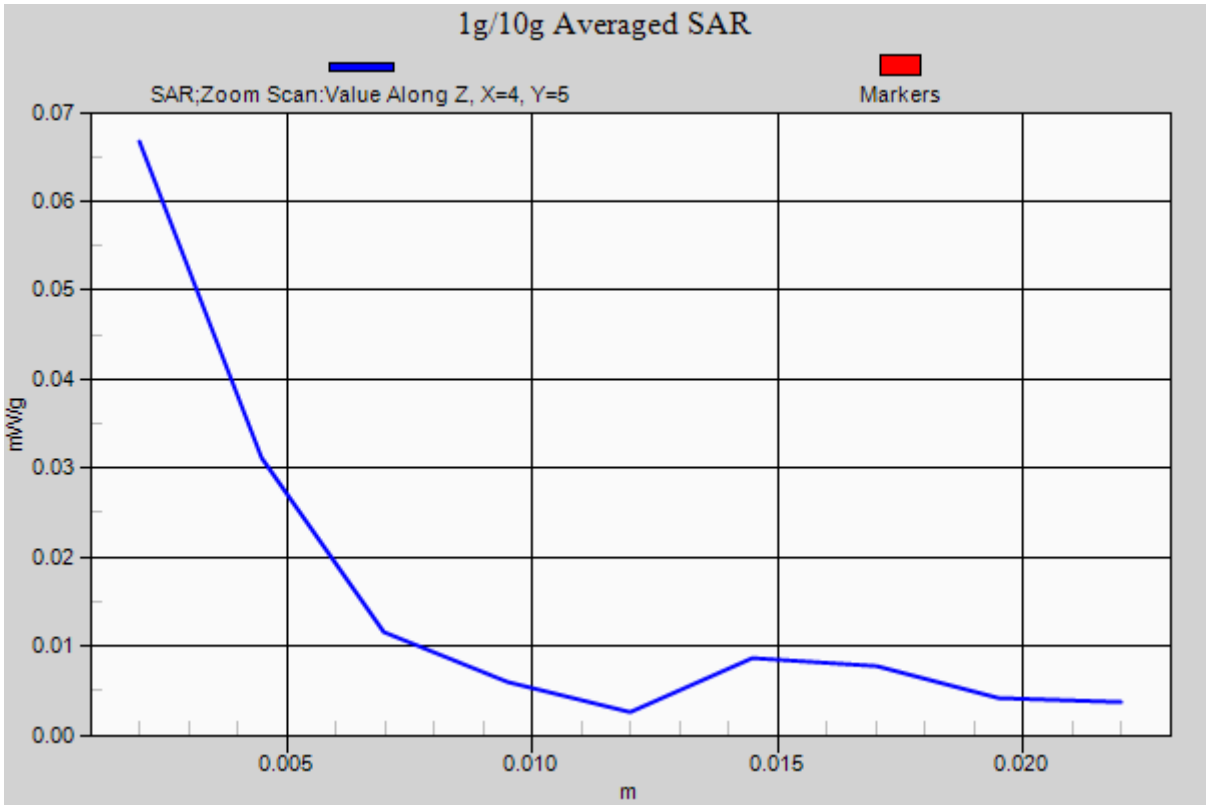
DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.32, 5.32, 5.32); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch52/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0320 mW/g

Ch52/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.266 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.360 mW/g
SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.00593 mW/g
Maximum value of SAR (measured) = 0.0667 mW/g

Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.266 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.034 mW/g
SAR(1 g) = 0.00256 mW/g; SAR(10 g) = 0.000715 mW/g
Maximum value of SAR (measured) = 0.0205 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=4, Y=5
Markers
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
mW/g
0.005
0.010
0.015
0.020
m

P655 802.11n_HT20_Right Tilted_Ch52

DUT: 120626C35

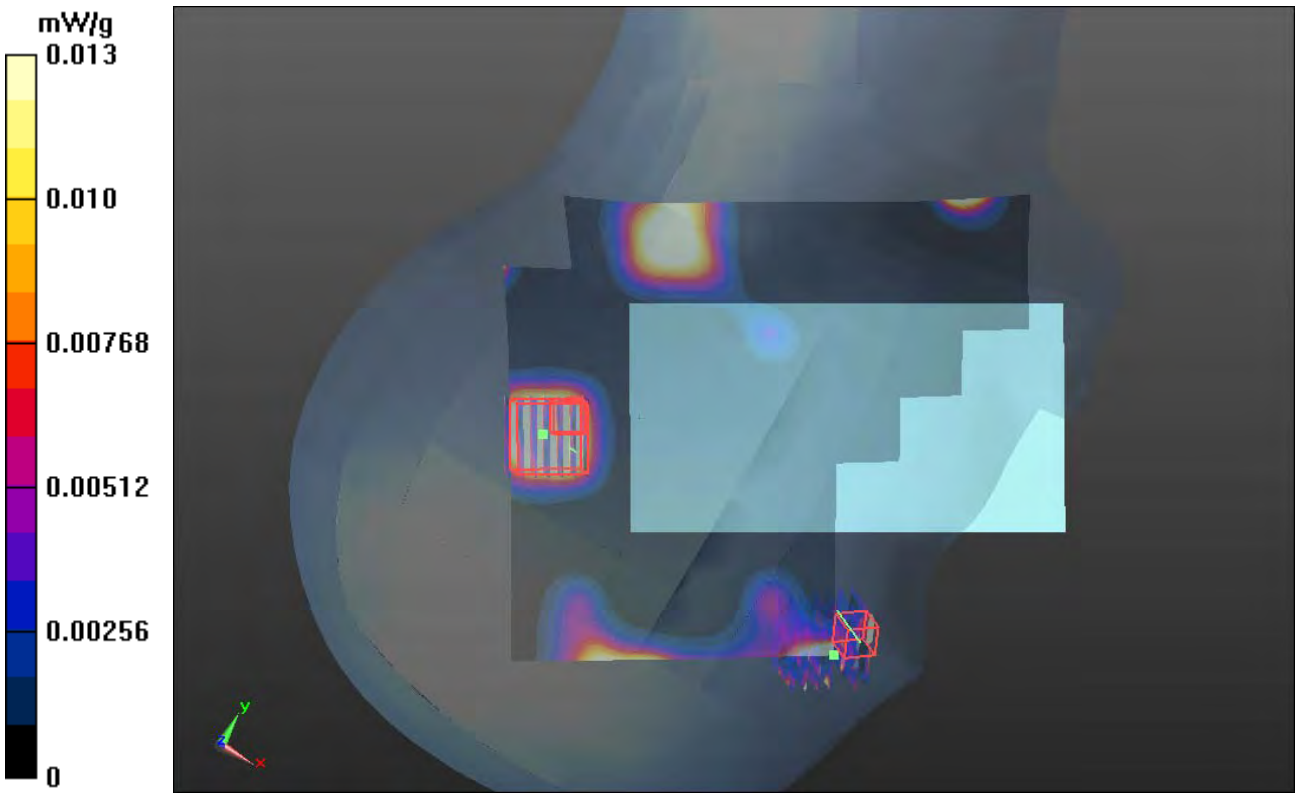
Communication System: WLAN 5G; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5260 MHz; σ = 4.78 mho/m; ε_r = 36.94; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.32, 5.32, 5.32); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch52/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0396 mW/g

Ch52/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.073 mW/g
SAR(1 g) = 0.00482 mW/g; SAR(10 g) = 0.00115 mW/g
Maximum value of SAR (measured) = 0.0128 mW/g

Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.084 mW/g
SAR(1 g) = 0.00203 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.0514 mW/g



P656 802.11n_HT20_Left Cheek_Ch52

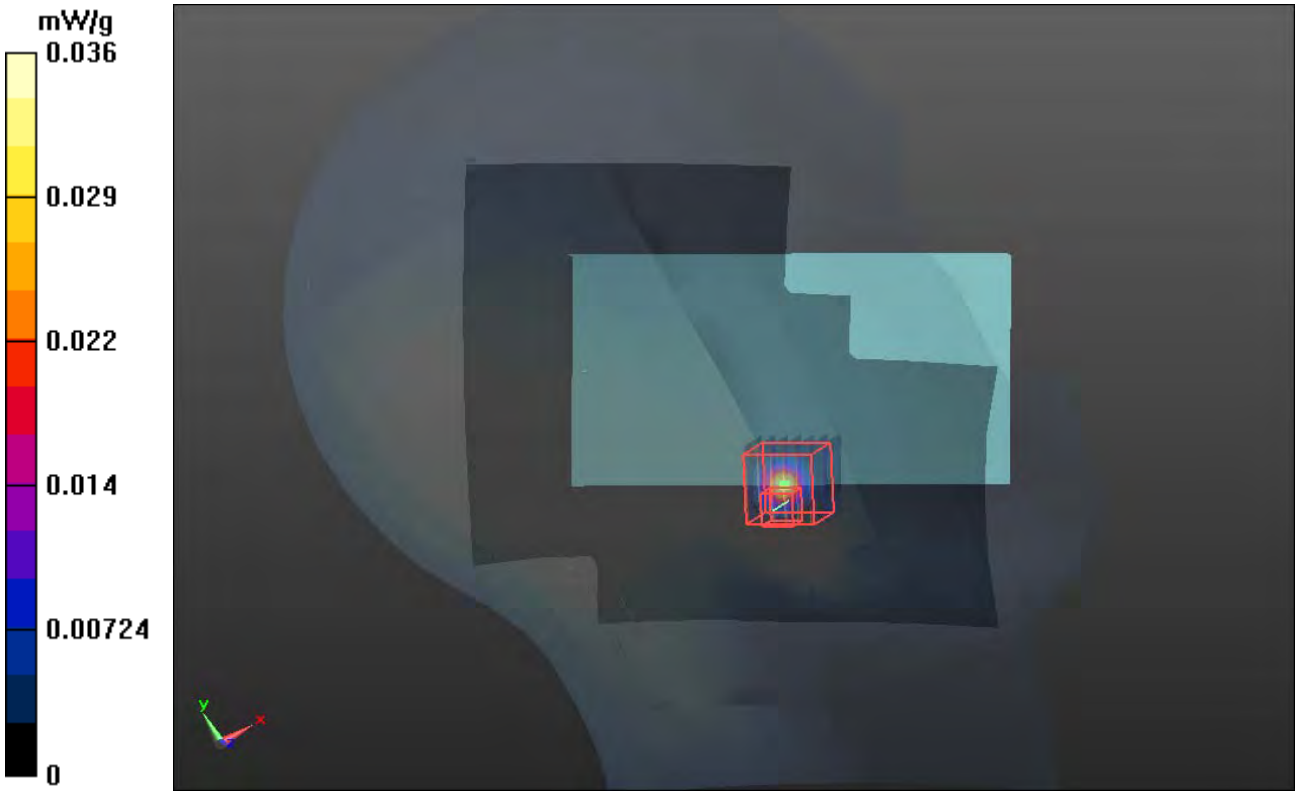
DUT: 120626C35

Communication System: WLAN 5G; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5260 MHz; σ = 4.78 mho/m; ε_r = 36.94; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.32, 5.32, 5.32); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch52/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0362 mW/g

Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.186 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.303 mW/g
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.00918 mW/g
Maximum value of SAR (measured) = 0.0564 mW/g



P657 802.11n_HT20_Left Tilted_Ch52

DUT: 120626C35

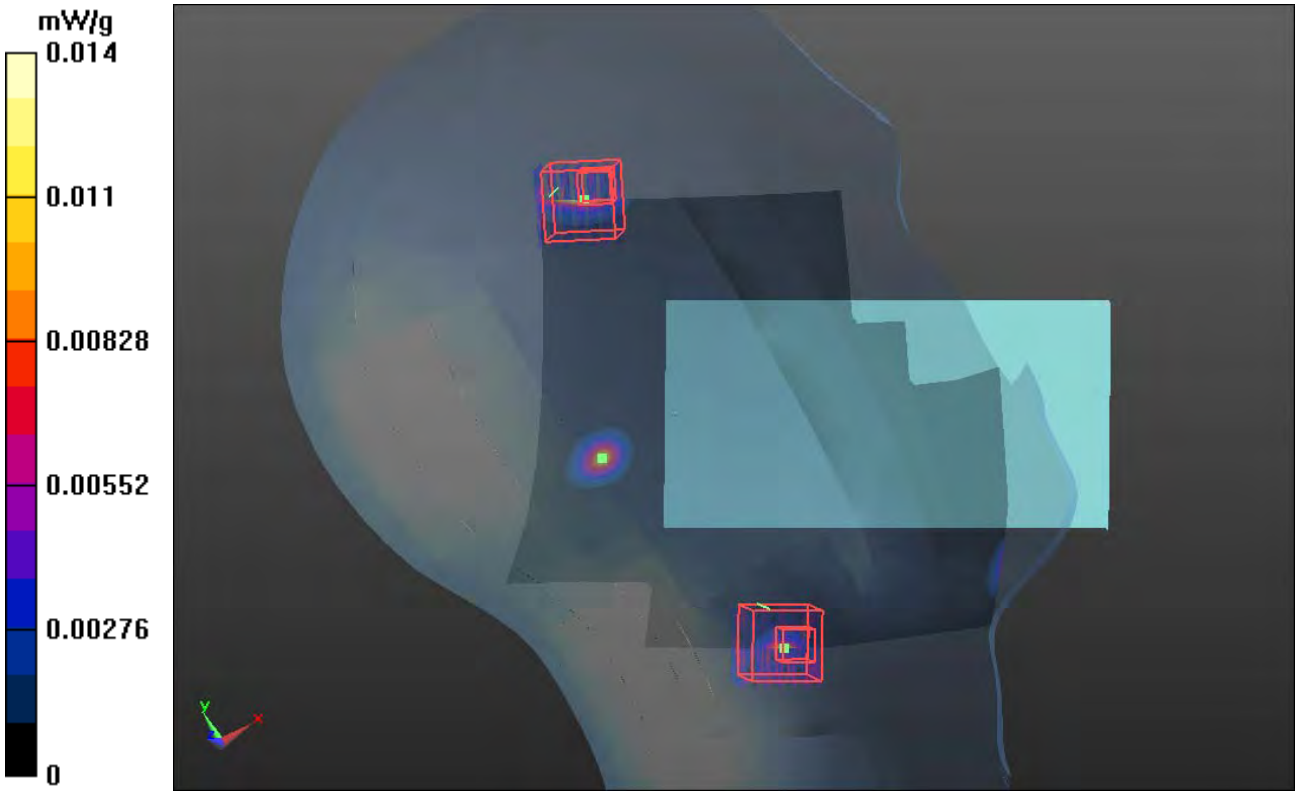
Communication System: WLAN 5G; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5260 MHz; σ = 4.78 mho/m; ε_r = 36.94; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.32, 5.32, 5.32); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch52/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0138 mW/g

Ch52/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.048 mW/g
SAR(1 g) = 0.00271 mW/g; SAR(10 g) = 0.000662 mW/g
Maximum value of SAR (measured) = 0.0110 mW/g

Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.010 mW/g
SAR(1 g) = 8.21e-005 mW/g; SAR(10 g) = 1.4e-005 mW/g
Maximum value of SAR (measured) = 0.0104 mW/g



P658 802.11a_Right Cheek_Ch100

DUT: 120626C35

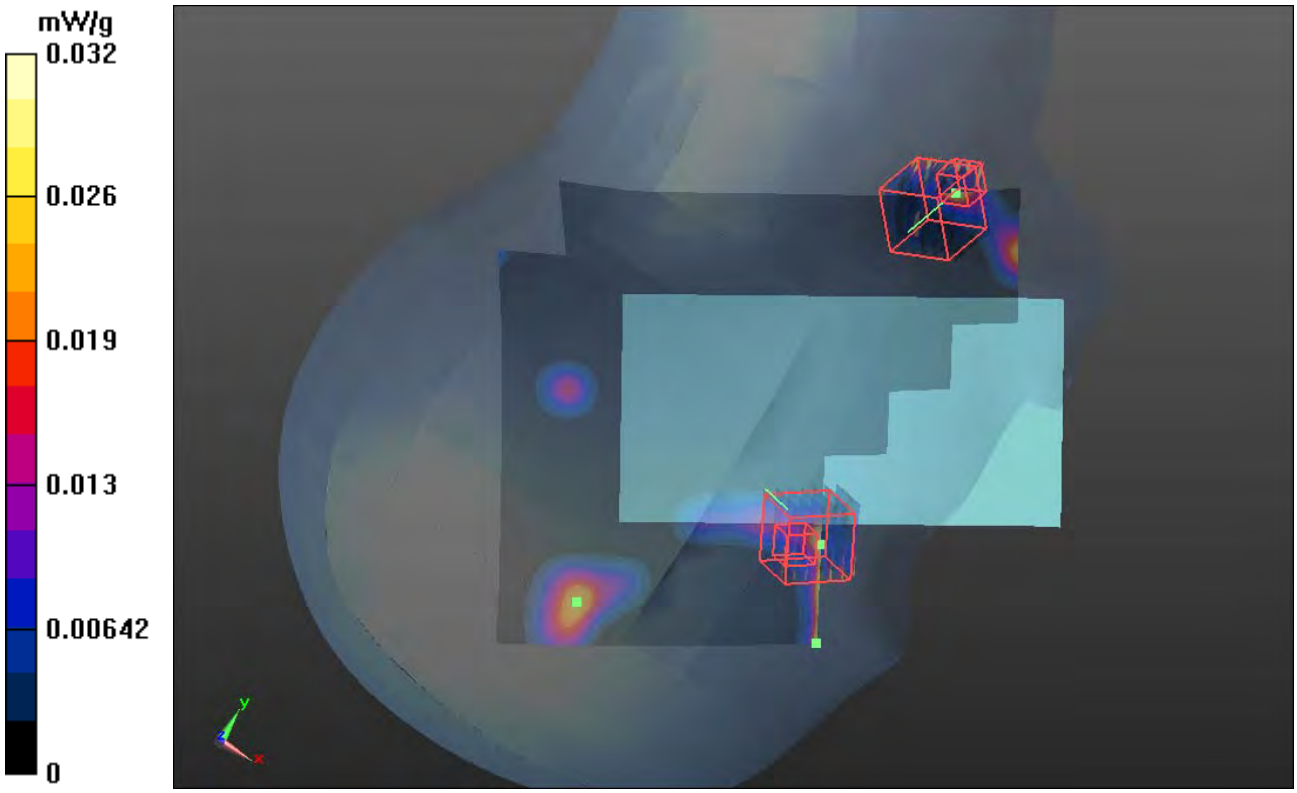
Communication System: WLAN 5G; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5500 MHz; σ = 5.082 mho/m; ε_r = 36.452; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.13, 5.13, 5.13); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch100/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0321 mW/g

Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.451 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.076 mW/g
SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00539 mW/g
Maximum value of SAR (measured) = 0.0494 mW/g

Ch100/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.451 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.161 mW/g
SAR(1 g) = 0.00826 mW/g; SAR(10 g) = 0.00245 mW/g
Maximum value of SAR (measured) = 0.124 mW/g



P659 802.11a_Right Tilted_Ch100

DUT: 120626C35

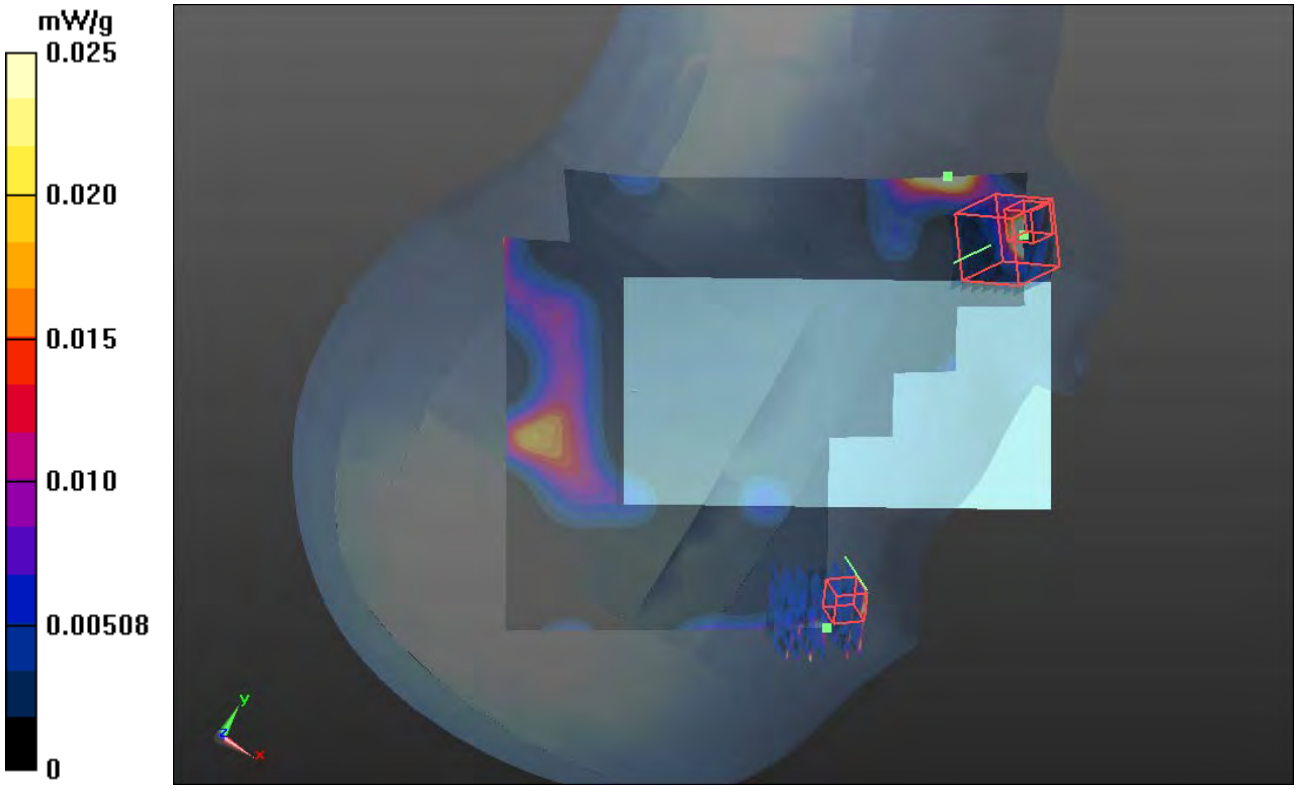
Communication System: WLAN 5G; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5500 MHz; σ = 5.082 mho/m; ε_r = 36.452; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.13, 5.13, 5.13); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch100/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0544 mW/g

Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.447 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.055 mW/g
SAR(1 g) = 0.00229 mW/g; SAR(10 g) = 0.000509
Maximum value of SAR (measured) = 0.0478 mW/g

Ch100/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.447 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.106 mW/g
SAR(1 g) = 0.000259 mW/g; SAR(10 g) = n.a. mW/g
Maximum value of SAR (measured) = 0.0254 mW/g



P660 802.11a_Left Cheek_Ch100

DUT: 120626C35

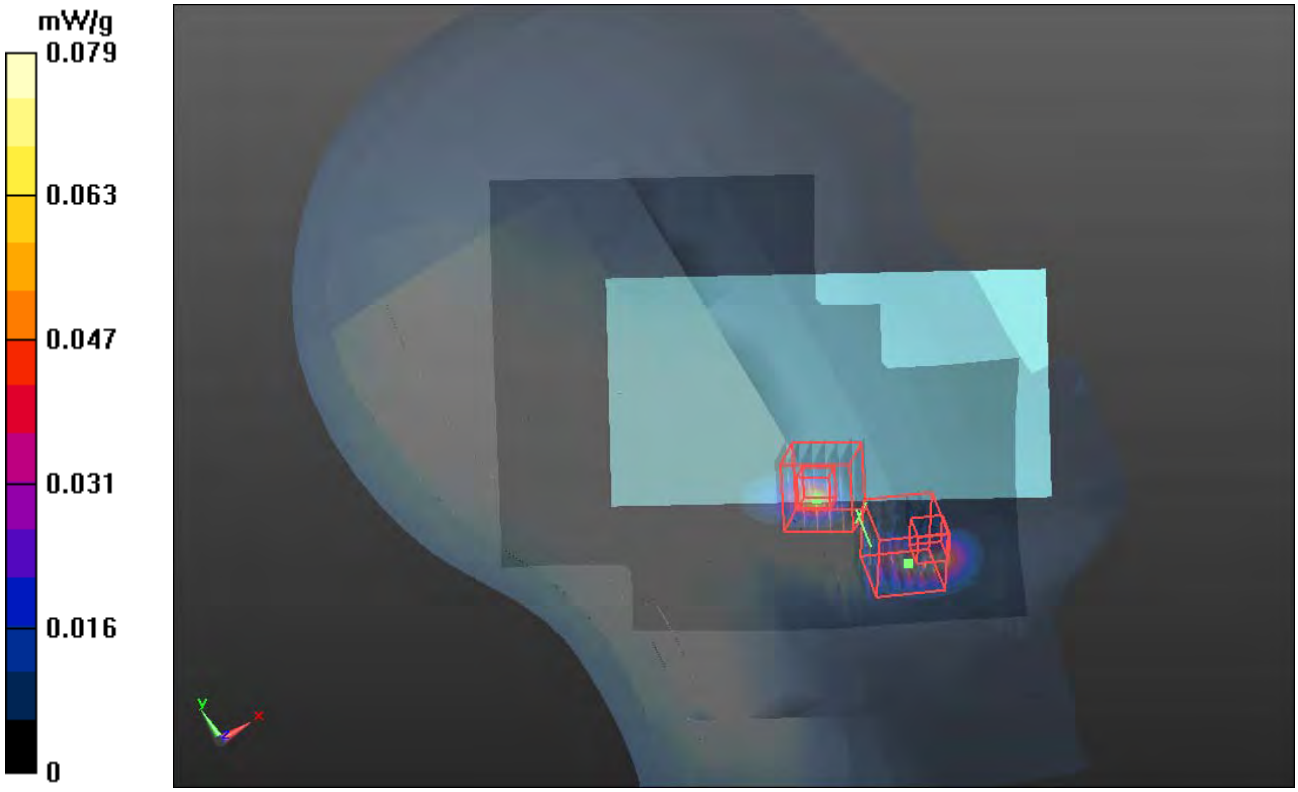
Communication System: WLAN 5G; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5500 MHz; σ = 5.082 mho/m; ε_r = 36.452; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

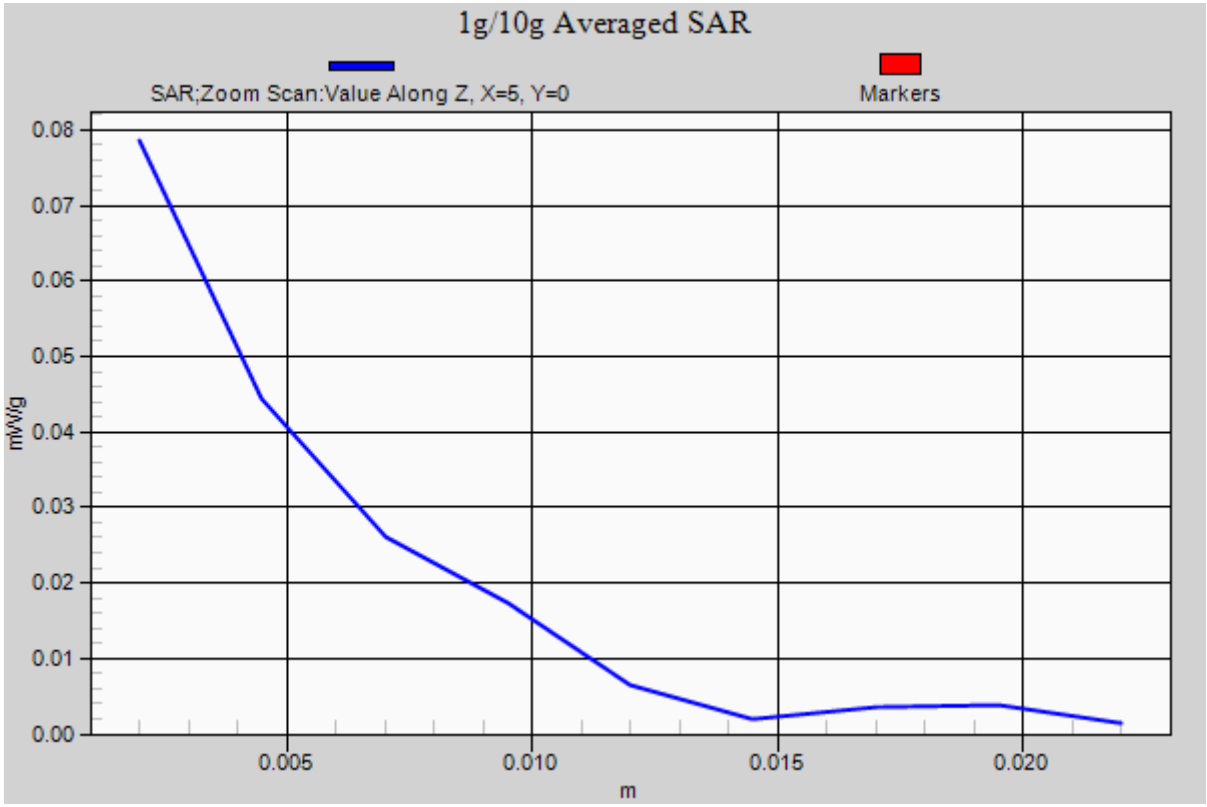
DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.13, 5.13, 5.13); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch100/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0653 mW/g

Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.490 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.449 mW/g
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.00482 mW/g
Maximum value of SAR (measured) = 0.155 mW/g

Ch100/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.490 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.154 mW/g
SAR(1 g) = 0.00906 mW/g; SAR(10 g) = 0.00278 mW/g
Maximum value of SAR (measured) = 0.0786 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=5, Y=0
Markers
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
mW/g
0.005
0.010
0.015
0.020
m

P661 802.11a_Left Tilted_Ch100

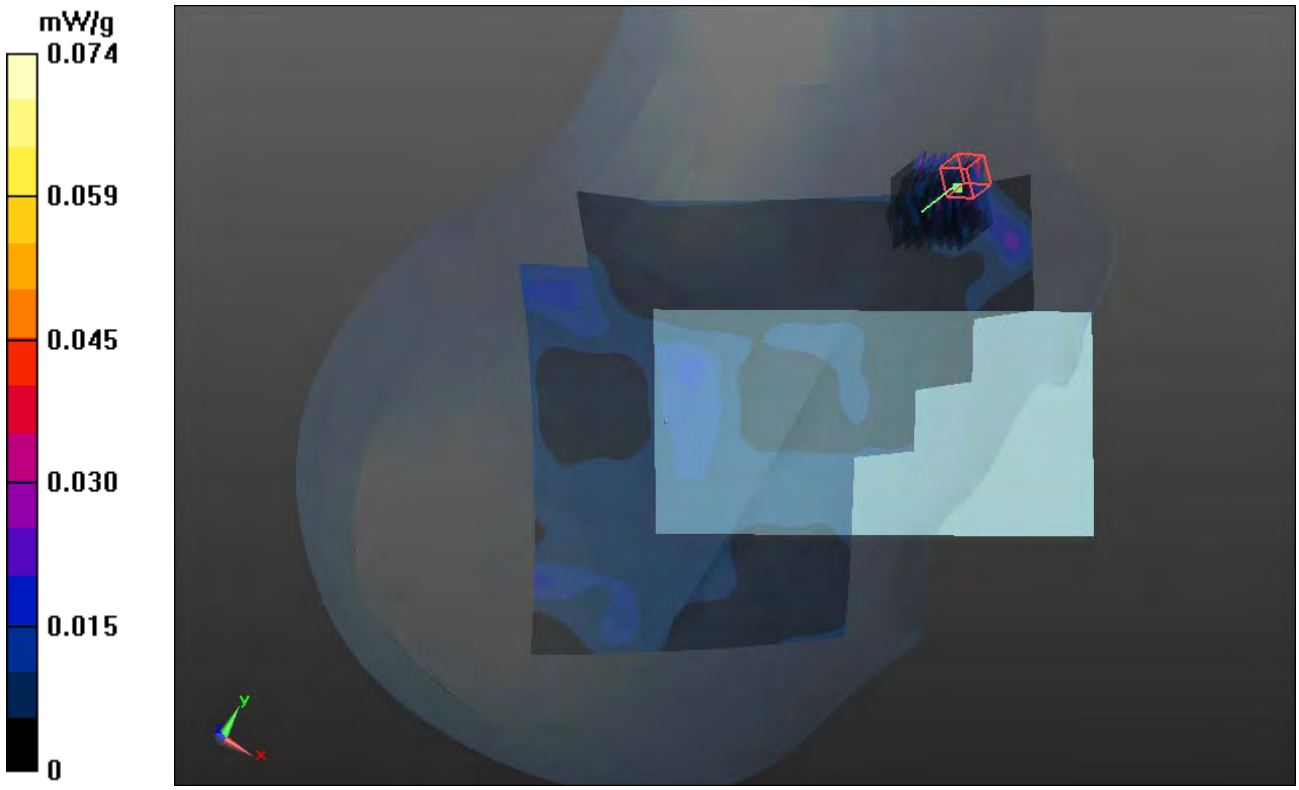
DUT: 120626C35

Communication System: WLAN 5G; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5500 MHz; σ = 5.082 mho/m; ε_r = 36.452; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(5.13, 5.13, 5.13); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch100/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0347 mW/g

Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.305 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.123 mW/g
SAR(1 g) = 0.00774 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.0742 mW/g



P662 802.11a_Right Cheek_Ch161

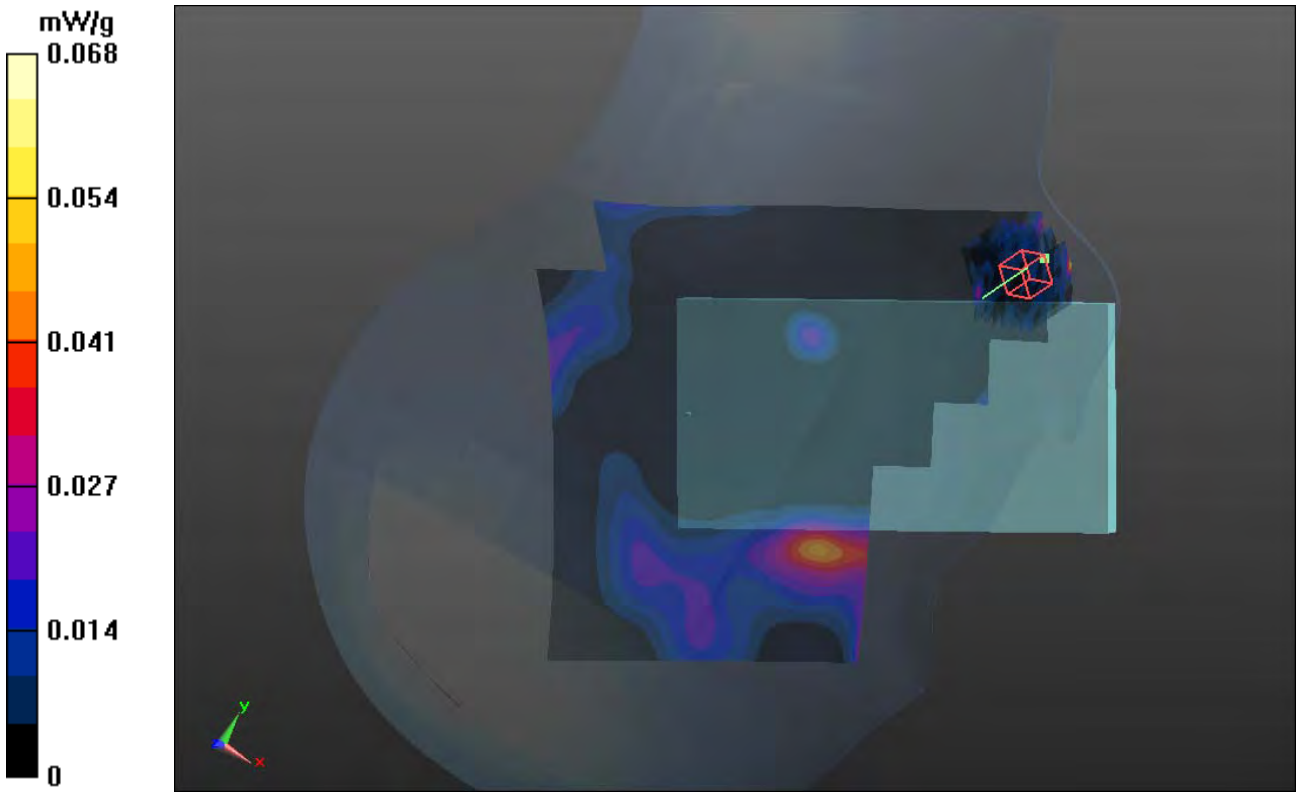
DUT: 120626C35

Communication System: WLAN 5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5805 MHz; σ = 5.45 mho/m; ε_r = 35.742; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.79, 4.79, 4.79); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch161/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.104 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.215 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.151 mW/g
SAR(1 g) = 0.00677 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.0681 mW/g



P663 802.11a_Right Tilted_Ch161

DUT: 120626C35

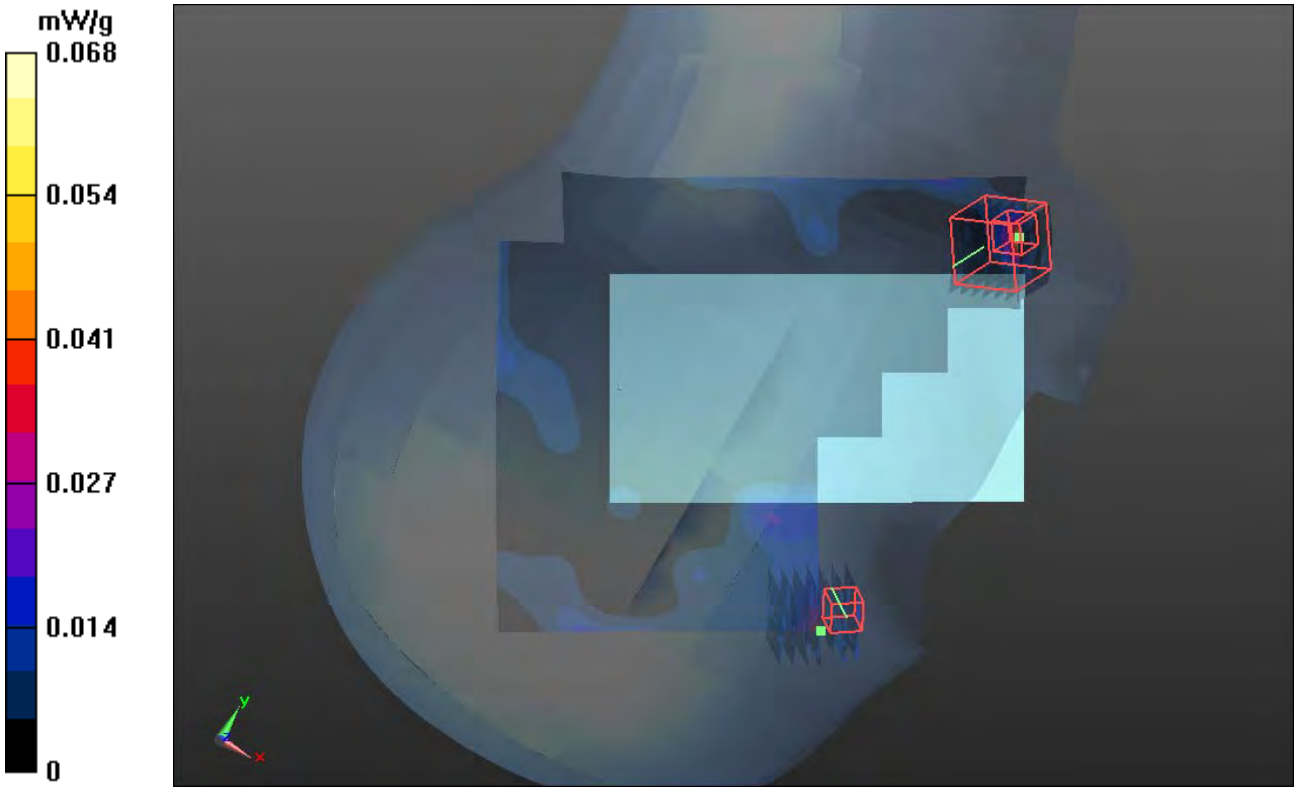
Communication System: WLAN 5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5805 MHz; σ = 5.45 mho/m; ε_r = 35.742; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.79, 4.79, 4.79); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch161/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0534 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.092 mW/g
SAR(1 g) = 0.00484 mW/g; SAR(10 g) = 0.000844 mW/g
Maximum value of SAR (measured) = 0.0427 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.101 mW/g
SAR(1 g) = 0.000942 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.0676 mW/g



P664 802.11a_Left Cheek_Ch161

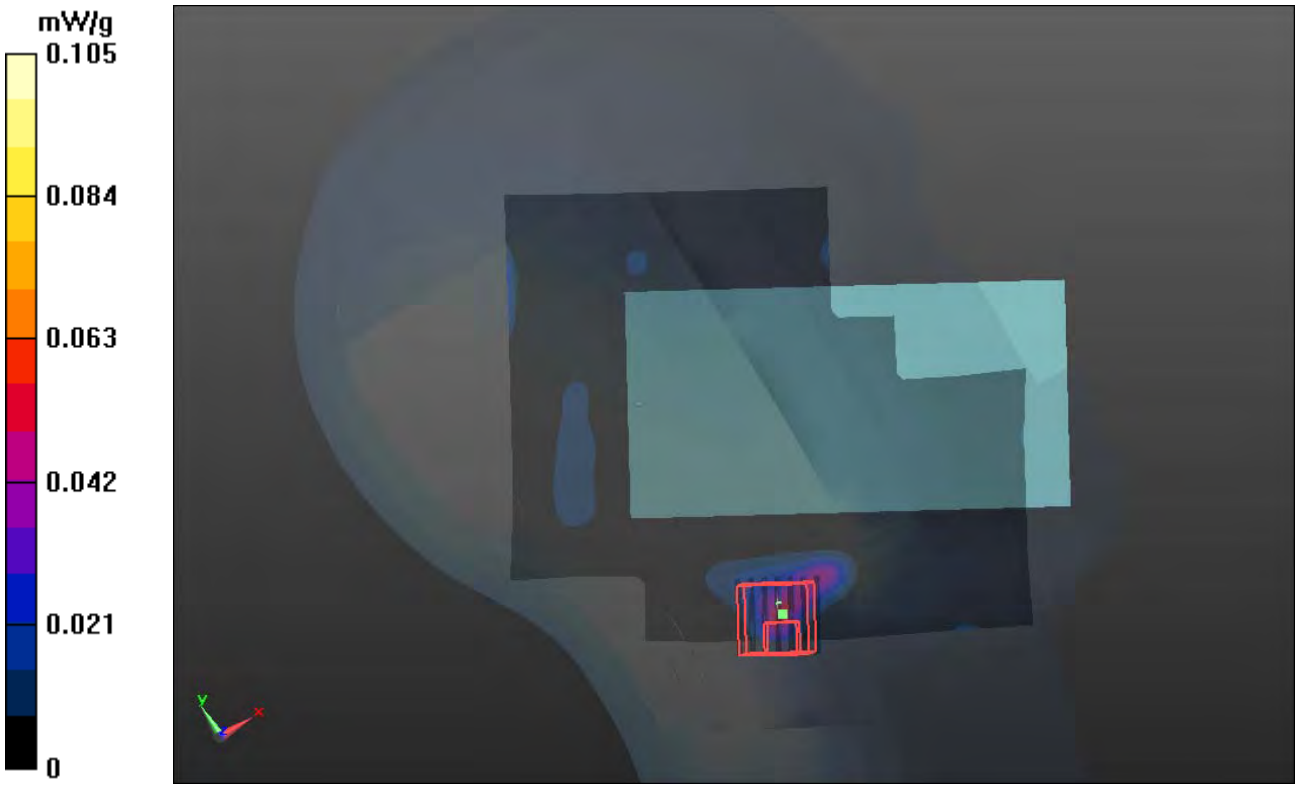
DUT: 120626C35

Communication System: WLAN 5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5805 MHz; σ = 5.45 mho/m; ε_r = 35.742; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.79, 4.79, 4.79); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch161/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0552 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.580 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.141 mW/g
SAR(1 g) = 0.00225 mW/g; SAR(10 g) = 0.000325 mW/g
Maximum value of SAR (measured) = 0.105 mW/g



P665 802.11a_Left Tilted_Ch161

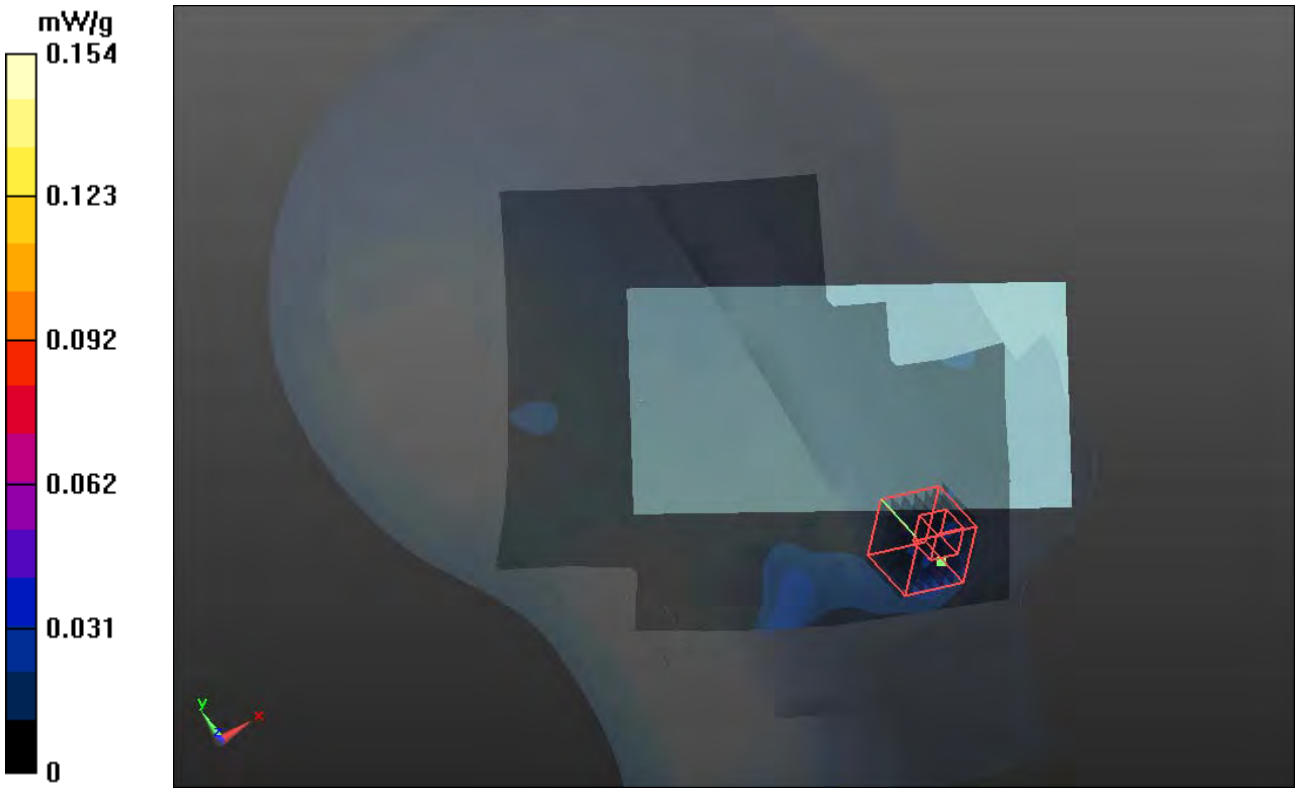
DUT: 120626C35

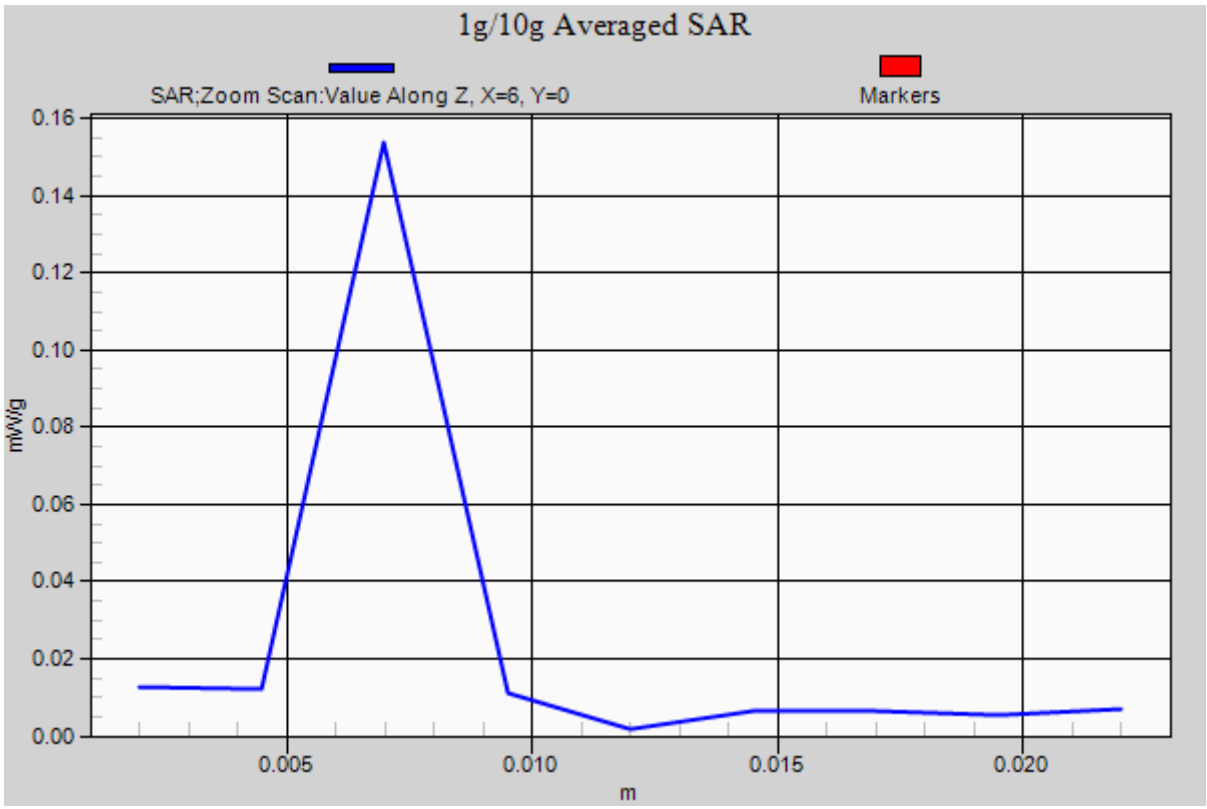
Communication System: WLAN 5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: H5G_0712 Medium parameters used: f = 5805 MHz; σ = 5.45 mho/m; ε_r = 35.742; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.79, 4.79, 4.79); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch161/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0560 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.290 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.154 mW/g
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00271 mW/g
Maximum value of SAR (measured) = 0.154 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=6, Y=0
Markers
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
mW/g
0.005
0.010
0.015
0.020
m

P51 GSM850_GPRS10_Front Face_1cm_Ch189

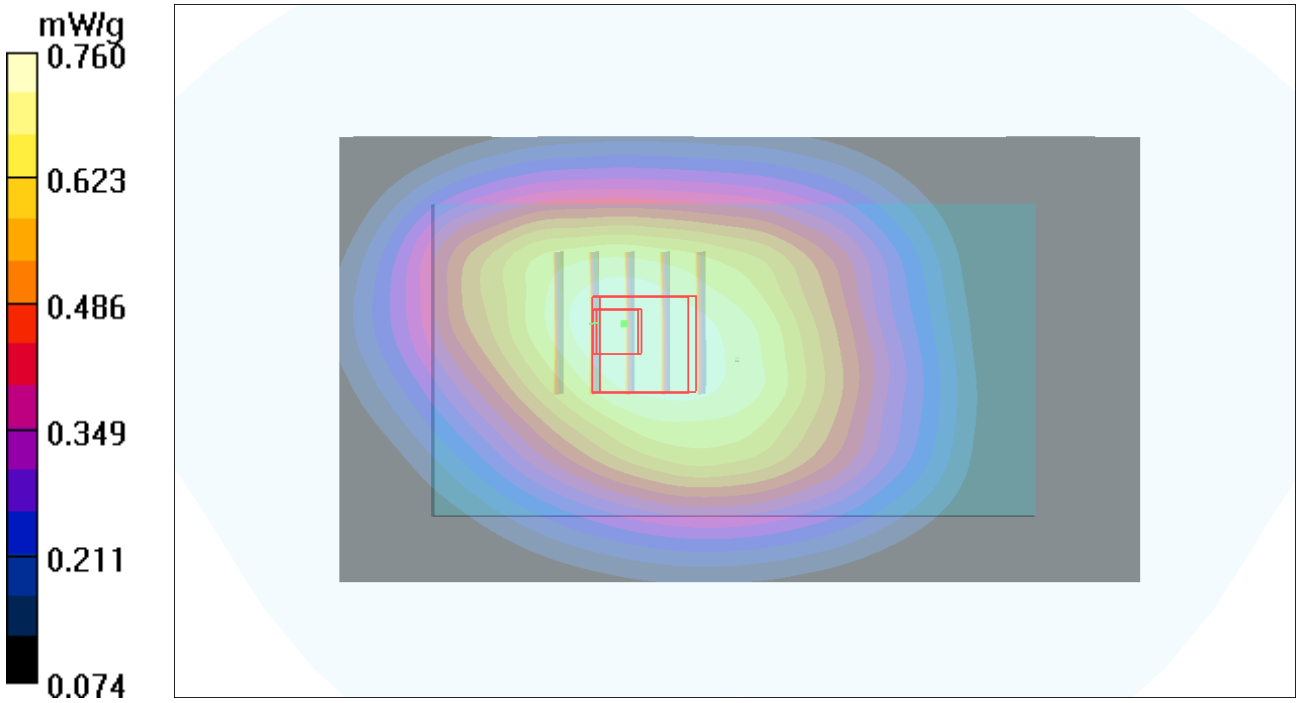
DUT: 126026C35

Communication System: GSM850 GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: B835_0706 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.783 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.0 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 0.840 W/kg
SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.510 mW/g
Maximum value of SAR (measured) = 0.760 mW/g



P52 GSM850_GPRS10_Rear Face_1cm_Ch189

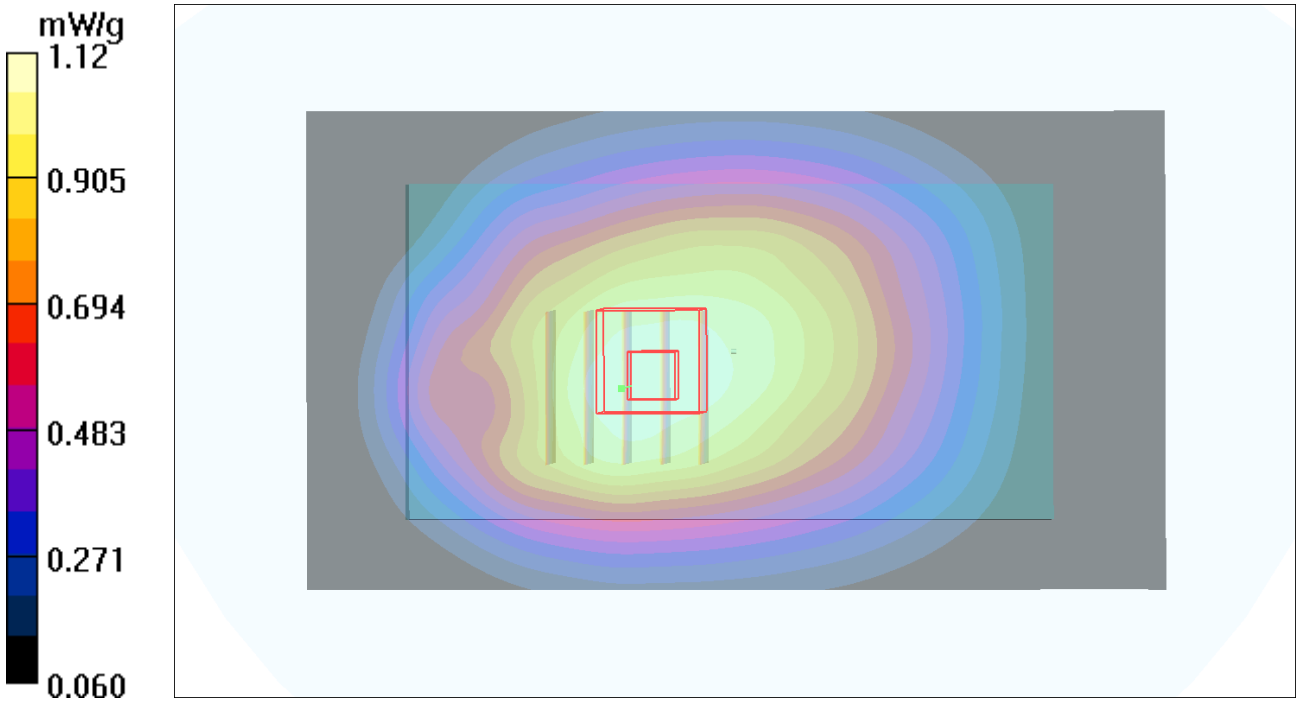
DUT: 126026C35

Communication System: GSM850 GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: B835_0706 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.12 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.8 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.720 mW/g
Maximum value of SAR (measured) = 1.12 mW/g



P53 GSM850_GPRS10_Left Side_1cm_Ch189

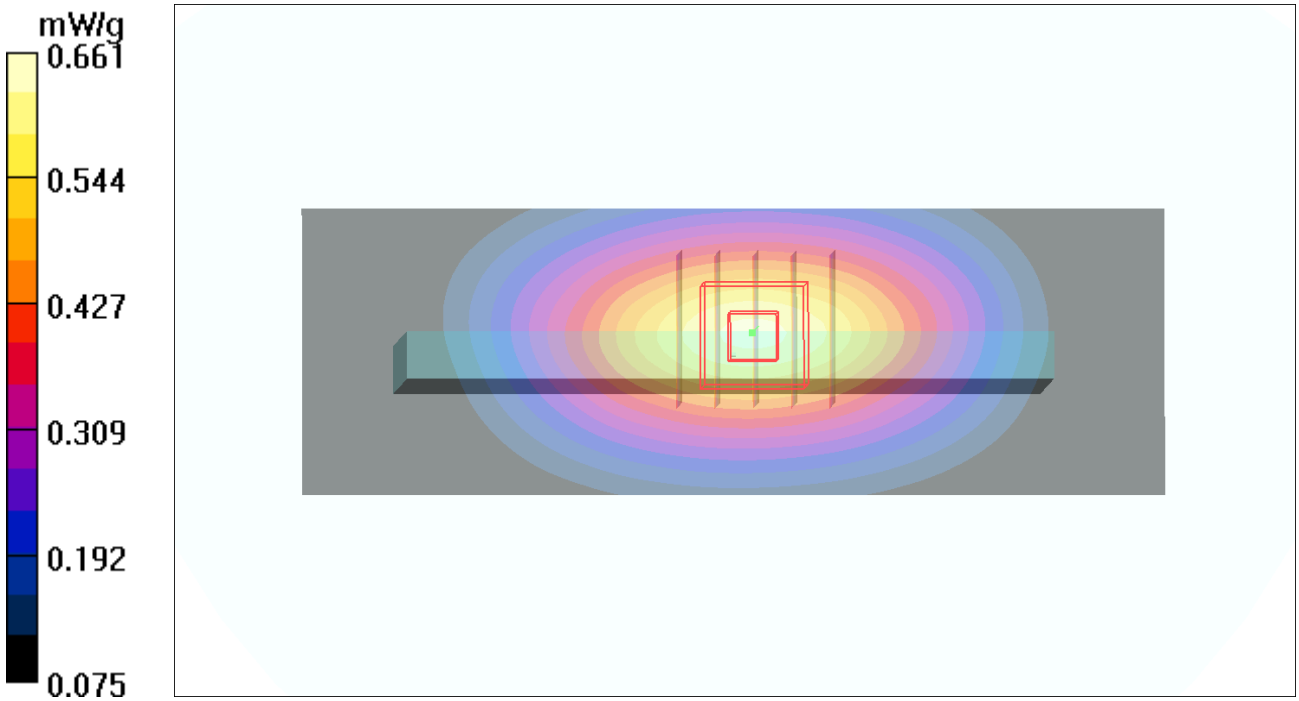
DUT: 126026C35

Communication System: GSM850 GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: B835_0706 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.635 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.4 V/m; Power Drift = -0.171 dB
Peak SAR (extrapolated) = 0.764 W/kg
SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.375 mW/g
Maximum value of SAR (measured) = 0.661 mW/g



P54 GSM850_GPRS10_Right Side_1cm_Ch189

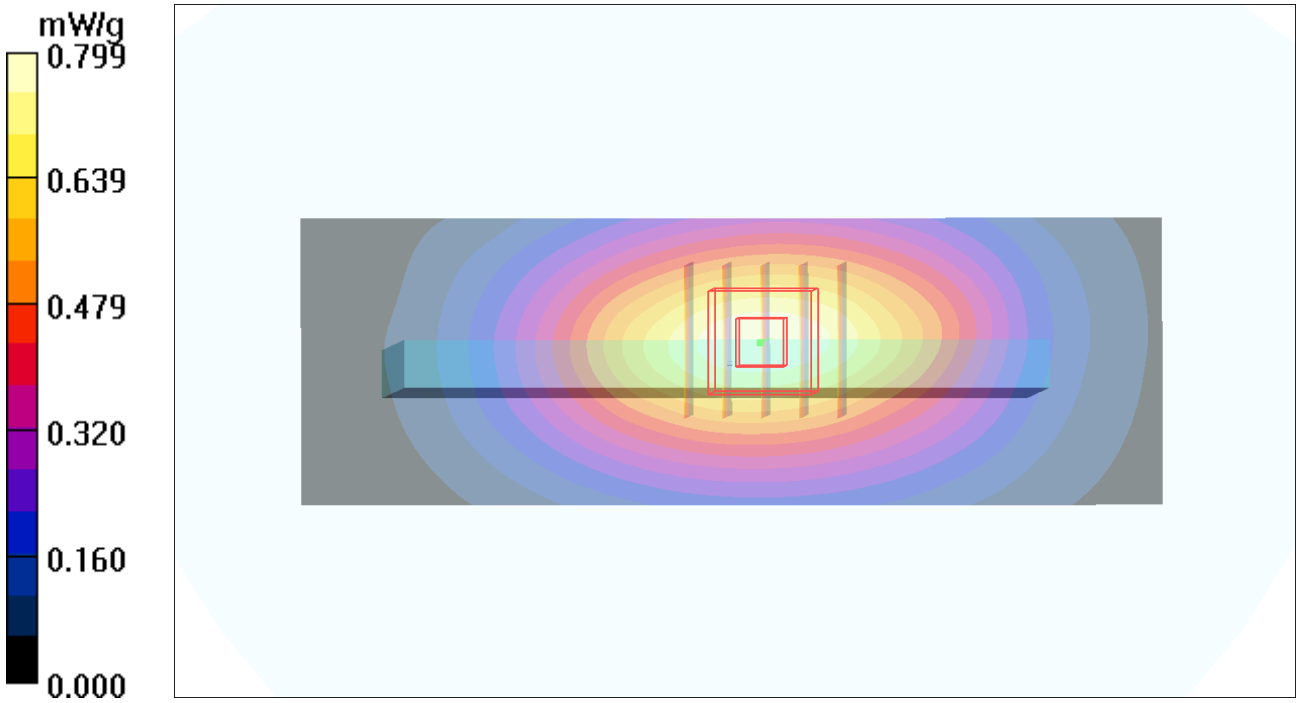
DUT: 126026C35

Communication System: GSM850 GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: B835_0706 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.799 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.5 V/m; Power Drift = 0.182 dB
Peak SAR (extrapolated) = 0.959 W/kg
SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.473 mW/g
Maximum value of SAR (measured) = 0.831 mW/g



P55 GSM850_GPRS10_Bottom Side_1cm_Ch189

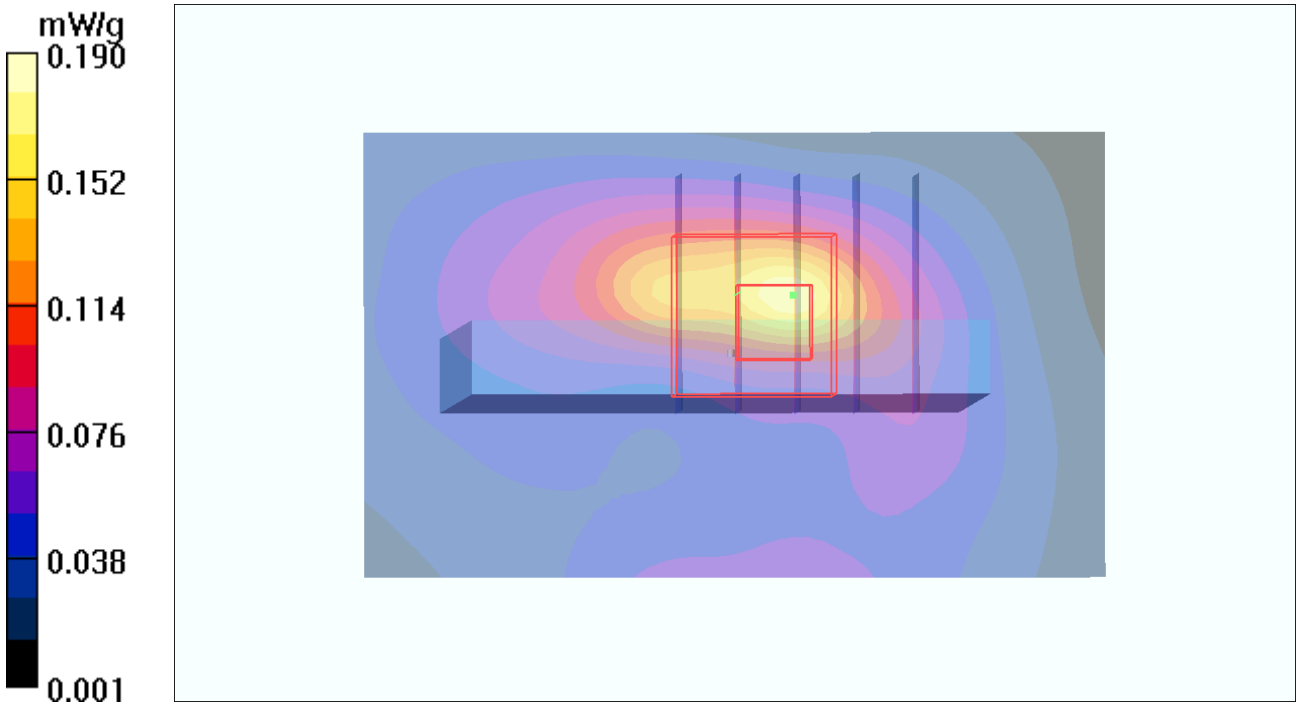
DUT: 126026C35

Communication System: GSM850 GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: B835_0706 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.176 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.0 V/m; Power Drift = 0.088 dB
Peak SAR (extrapolated) = 0.577 W/kg
SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.190 mW/g



P80 GSM850_GPRS10_Rear Face_1cm_Ch128

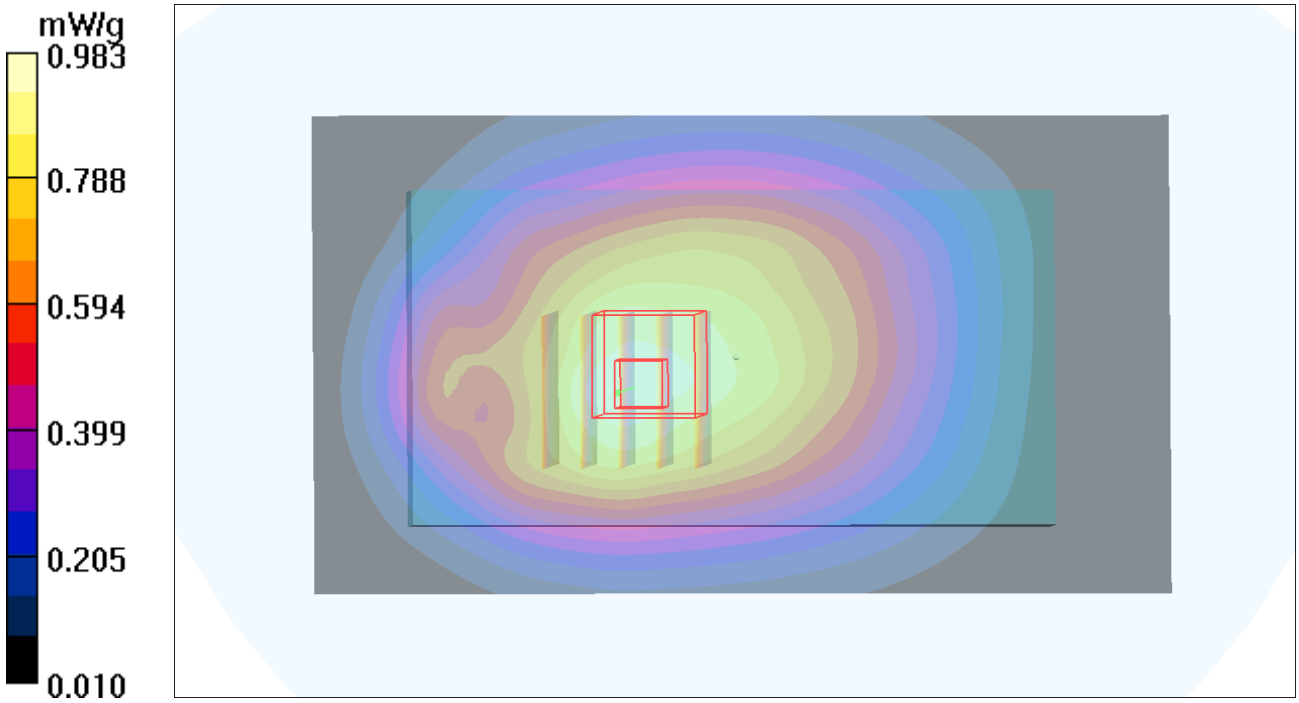
DUT: 126026C35

Communication System: GSM850 GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: B835_0706 Medium parameters used : f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.986 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.7 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.837 mW/g; SAR(10 g) = 0.625 mW/g
Maximum value of SAR (measured) = 0.983 mW/g



P81 GSM850_GPRS10_Rear Face_1cm_Ch251

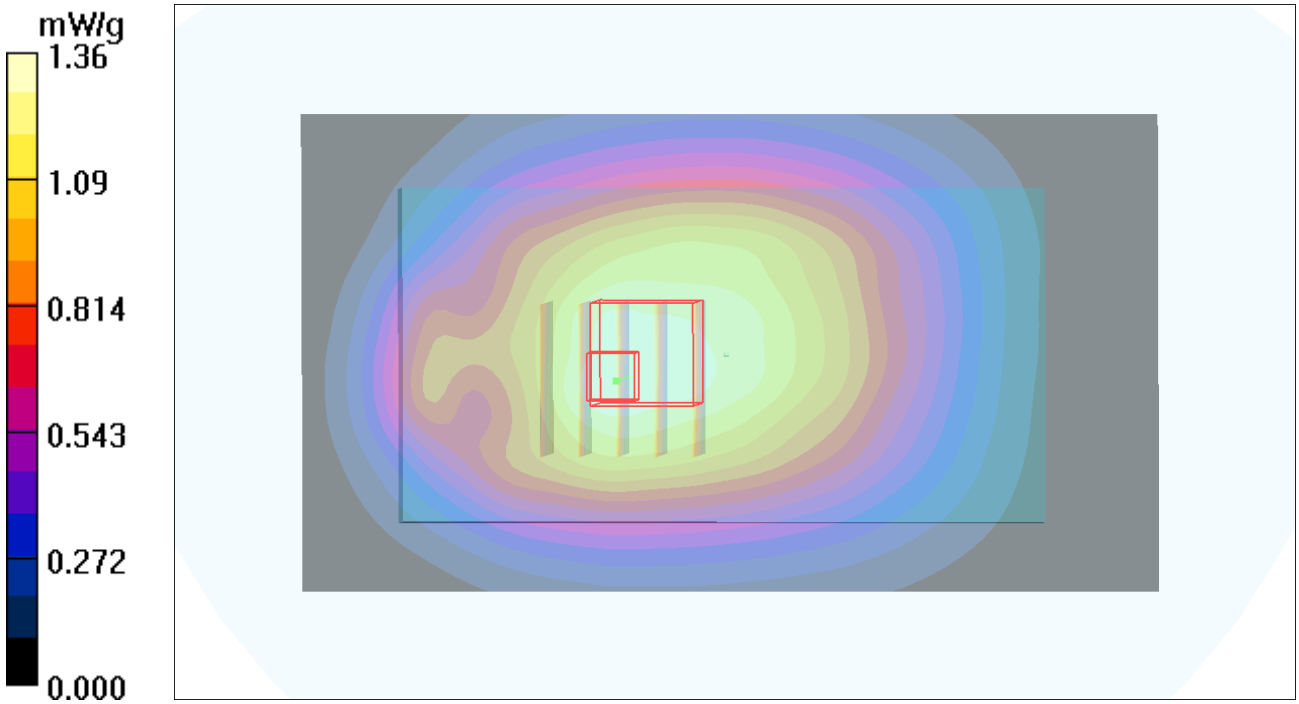
DUT: 126026C35

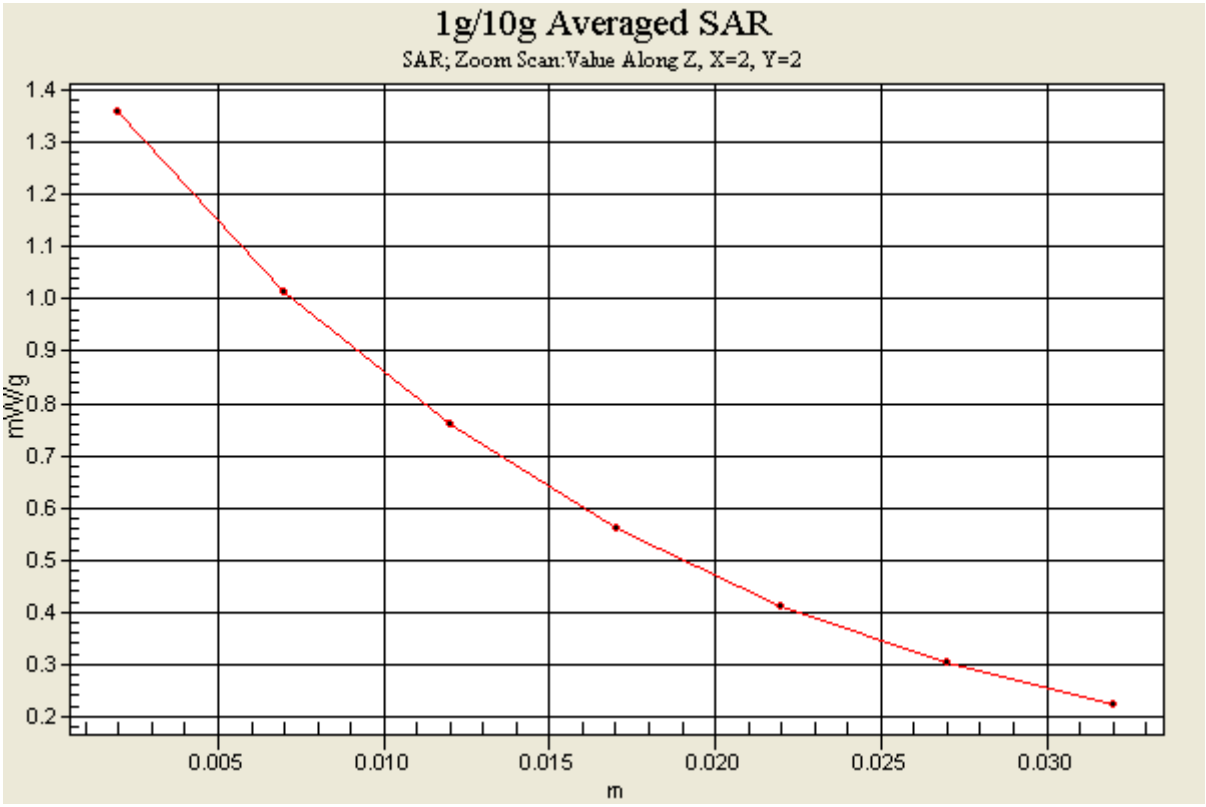
Communication System: GSM850 GPRS10; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: B835_0706 Medium parameters used: f = 849 MHz; σ = 0.991 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.36 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.5 V/m; Power Drift = 0.036 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.884 mW/g
Maximum value of SAR (measured) = 1.36 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
mW/g
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.005
0.010
0.015
0.020
0.025
0.030
m

P56 GSM850_GPRS10_Front Face_1cm_Ch189_Earphone

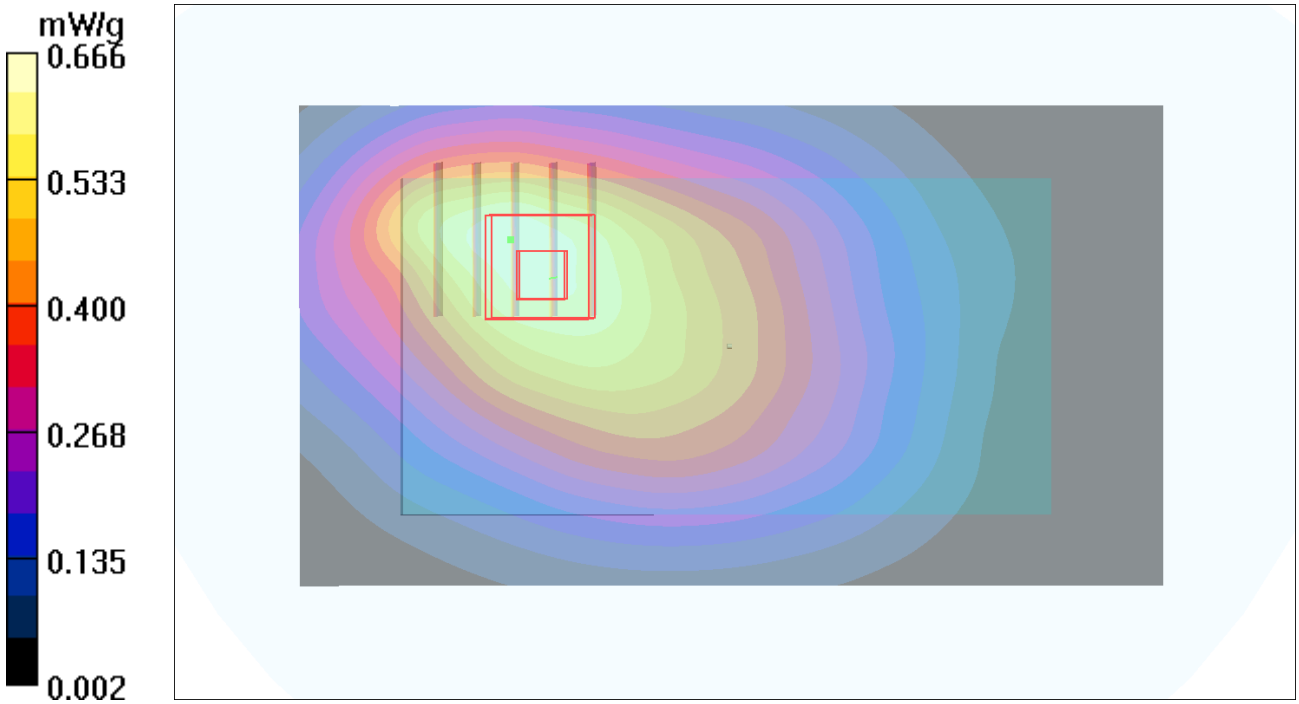
DUT: 126026C35

Communication System: GSM850 GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: B835_0706 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.666 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.4 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 0.776 W/kg
SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.396 mW/g
Maximum value of SAR (measured) = 0.666 mW/g



P57 GSM850_GPRS10_Rear Face_1cm_Ch189_Earphone

DUT: 126026C35

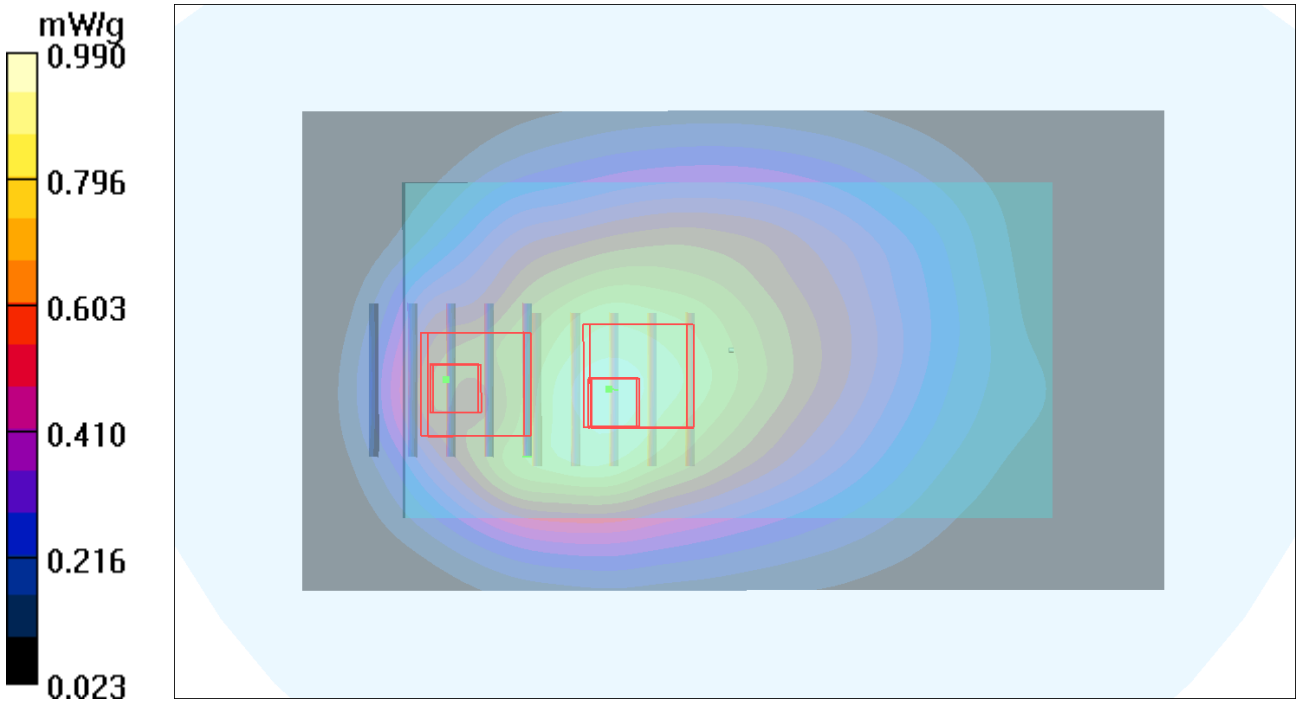
Communication System: GSM850 GPRS10; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: B835_0706 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.980 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.4 V/m; Power Drift = 0.051 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.593 mW/g
Maximum value of SAR (measured) = 0.990 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.4 V/m; Power Drift = 0.051 dB
Peak SAR (extrapolated) = 0.963 W/kg
SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.369 mW/g
Maximum value of SAR (measured) = 0.777 mW/g



P82 GSM850_GPRS10_Rear Face_1cm_Ch128_Earphone

DUT: 126026C35

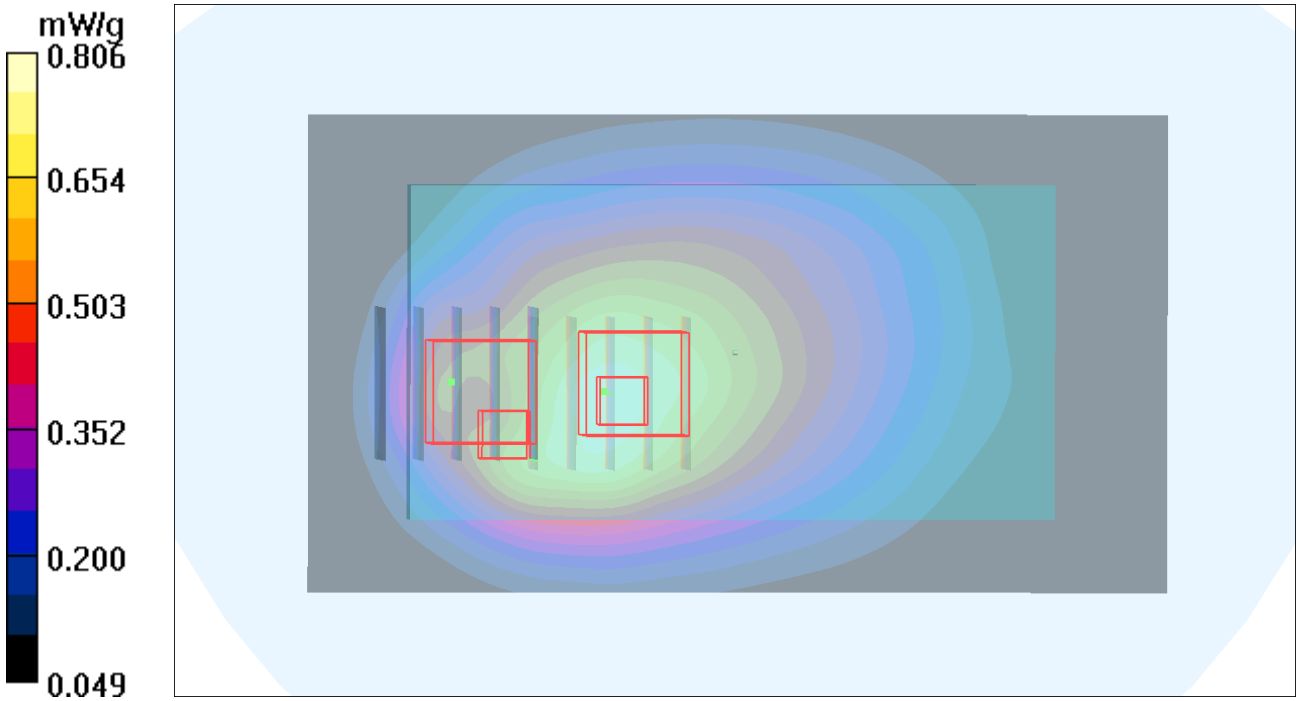
Communication System: GSM850 GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium: B835_0706 Medium parameters used : f = 824.2 MHz; σ = 0.967 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.802 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.6 V/m; Power Drift = -0.049 dB
Peak SAR (extrapolated) = 0.956 W/kg
SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.482 mW/g
Maximum value of SAR (measured) = 0.806 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.6 V/m; Power Drift = -0.049 dB
Peak SAR (extrapolated) = 0.834 W/kg
SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.303 mW/g
Maximum value of SAR (measured) = 0.670 mW/g



P83 GSM850_GPRS10_Rear Face_1cm_Ch251_Earphone

DUT: 126026C35

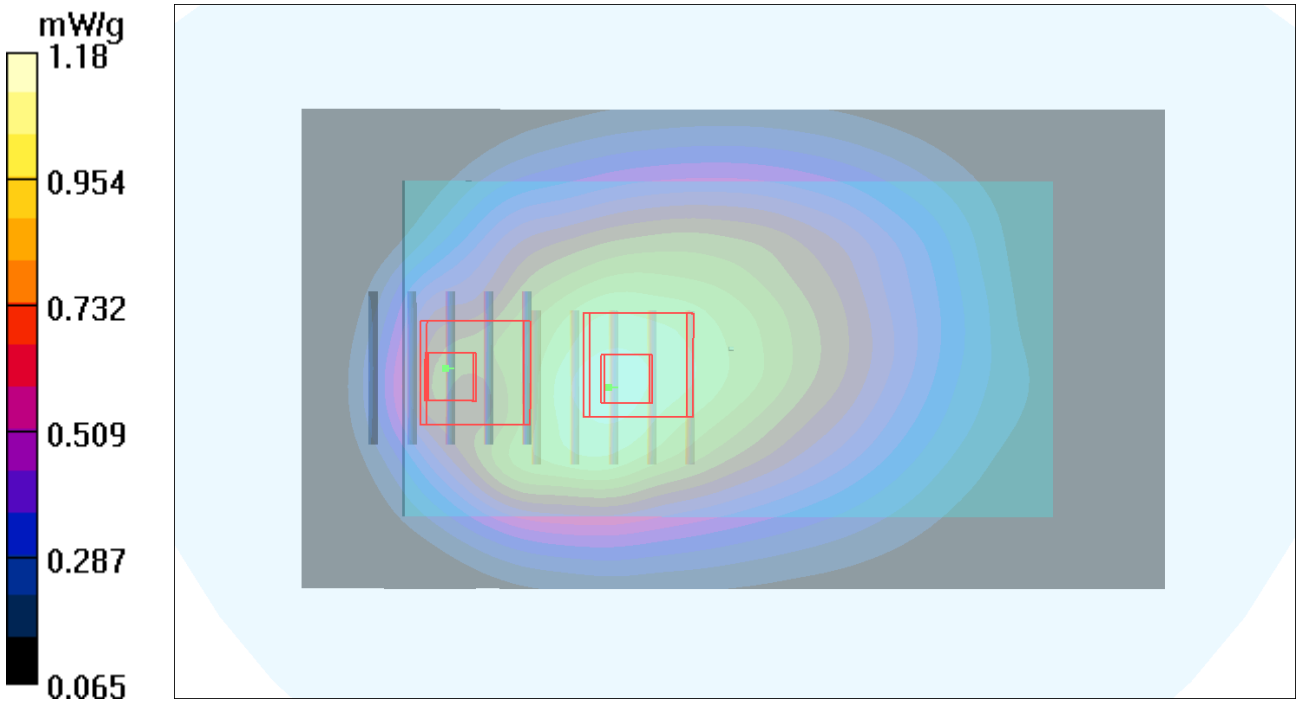
Communication System: GSM850 GPRS10; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: B835_0706 Medium parameters used: f = 849 MHz; σ = 0.991 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.7 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.981 mW/g; SAR(10 g) = 0.713 mW/g
Maximum value of SAR (measured) = 1.18 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.7 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.434 mW/g
Maximum value of SAR (measured) = 0.929 mW/g



P58 GSM1900_GPRS10_Front Face_1cm_Ch810

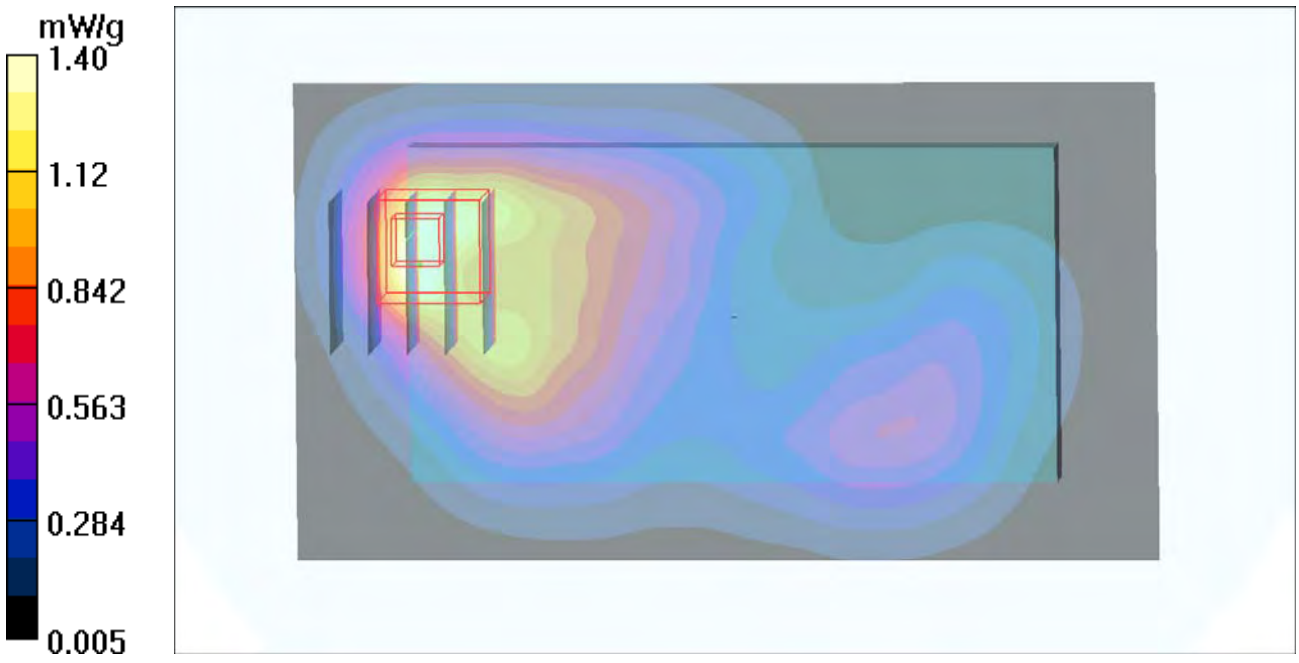
DUT: 126026C35

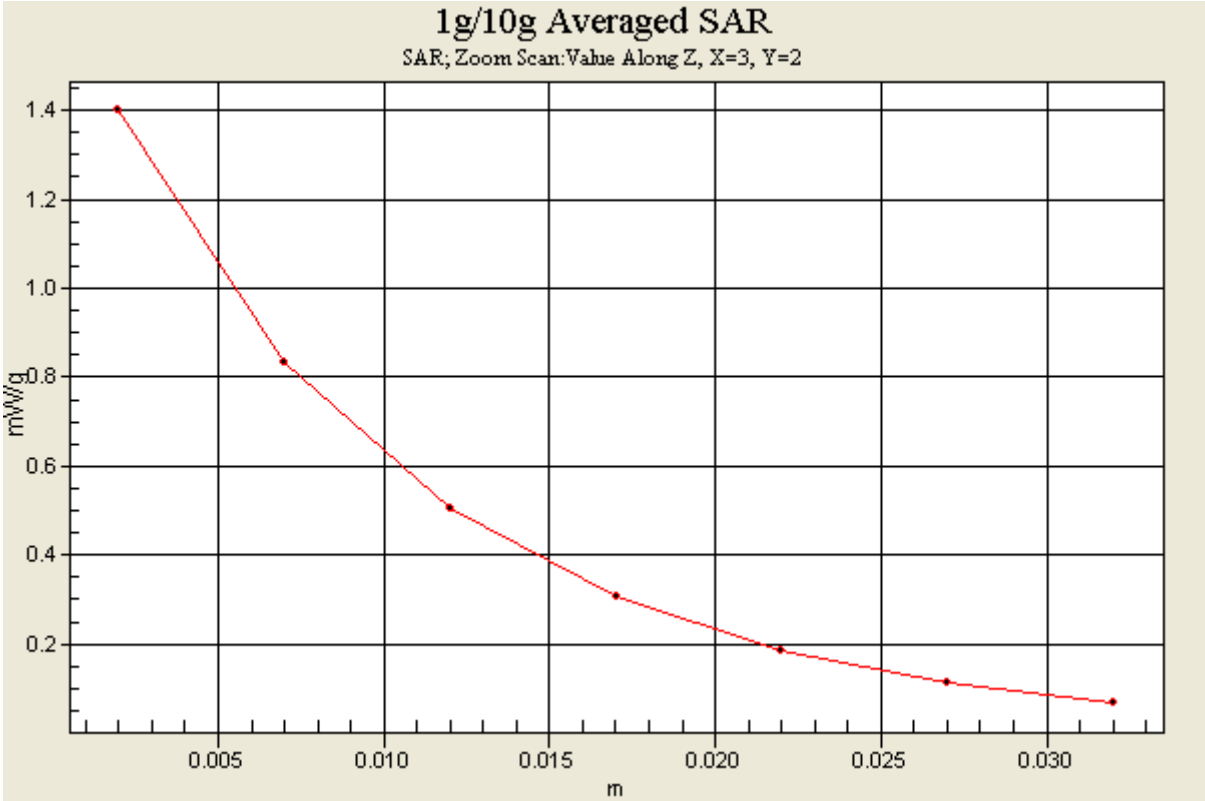
Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.51 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.0 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.598 mW/g
Maximum value of SAR (measured) = 1.40 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=2
mW/g
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.005
0.010
0.015
0.020
0.025
0.030
m

P84 GSM1900_GPRS10_Rear Face_1cm_Ch810

DUT: 126026C35

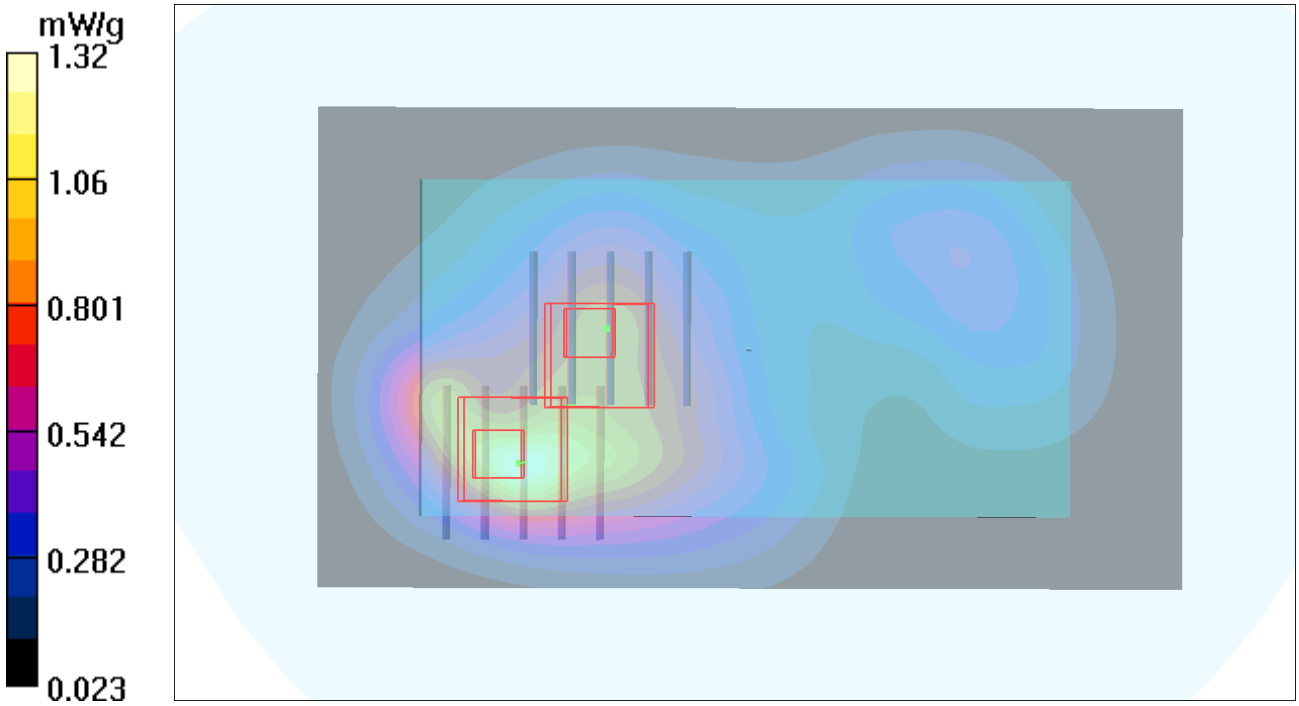
Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.31 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.2 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.554 mW/g
Maximum value of SAR (measured) = 1.32 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.2 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.443 mW/g
Maximum value of SAR (measured) = 0.880 mW/g



P60 GSM1900_GPRS10_Left Side_1cm_Ch810

DUT: 126026C35

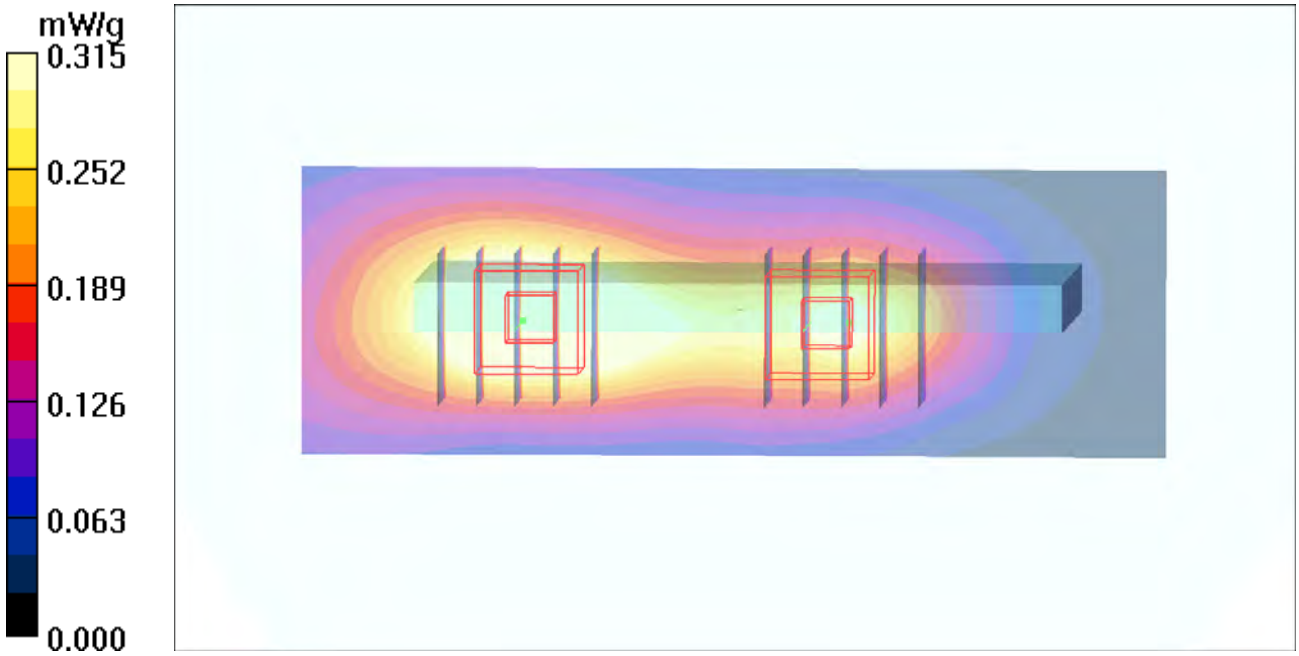
Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.476 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.0 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 0.592 W/kg
SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.220 mW/g
Maximum value of SAR (measured) = 0.489 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.0 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.148 mW/g
Maximum value of SAR (measured) = 0.315 mW/g



P61 GSM1900_GPRS10_Right Side_1cm_Ch810

DUT: 126026C35

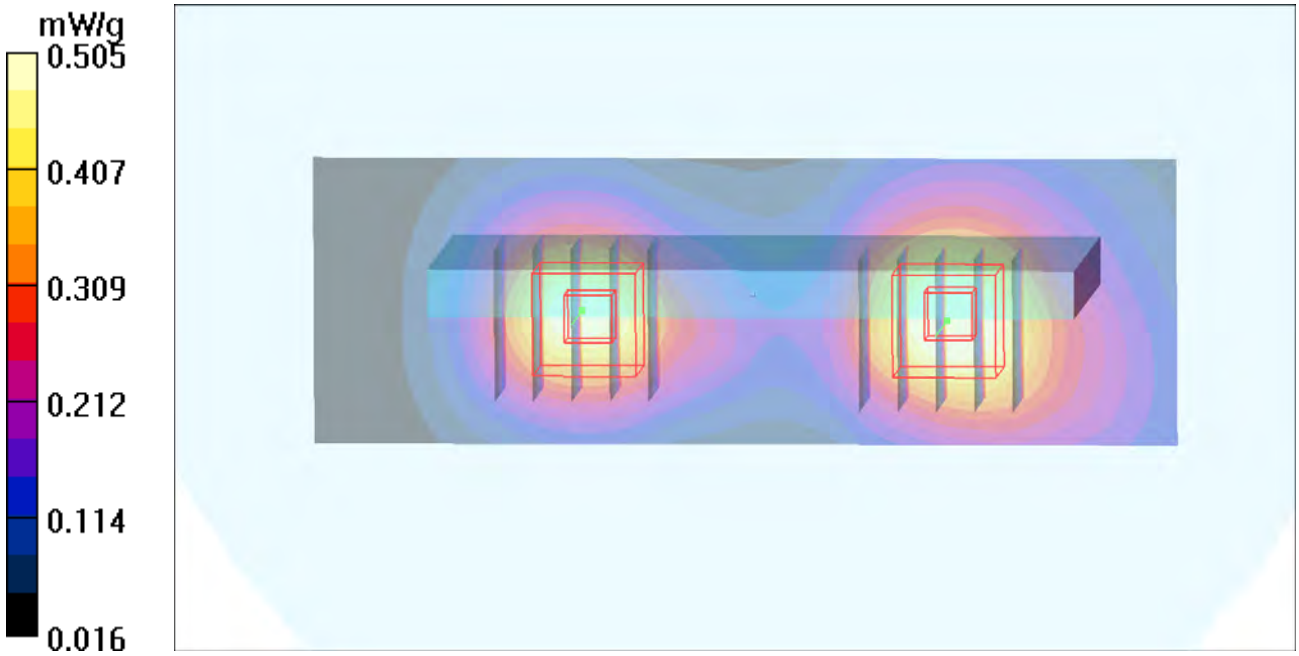
Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.537 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = -0.152 dB
Peak SAR (extrapolated) = 0.685 W/kg
SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.266 mW/g
Maximum value of SAR (measured) = 0.567 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = -0.152 dB
Peak SAR (extrapolated) = 0.608 W/kg
SAR(1 g) = 0.390 mW/g; SAR(10 g) = 0.235 mW/g
Maximum value of SAR (measured) = 0.505 mW/g



P62 GSM1900_GPRS10_Bottom Side_1cm_Ch810

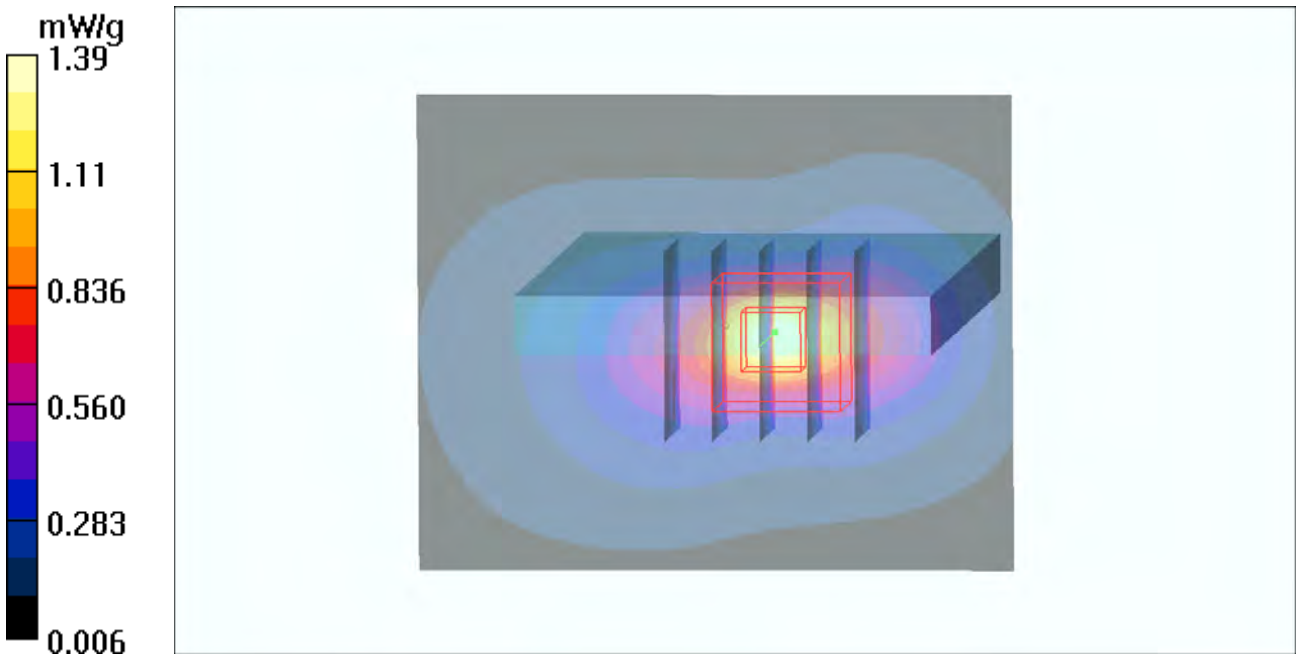
DUT: 126026C35

Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (41x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.41 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.4 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.508 mW/g
Maximum value of SAR (measured) = 1.39 mW/g



P87 GSM1900_GPRS10_Front Face_1cm_Ch512

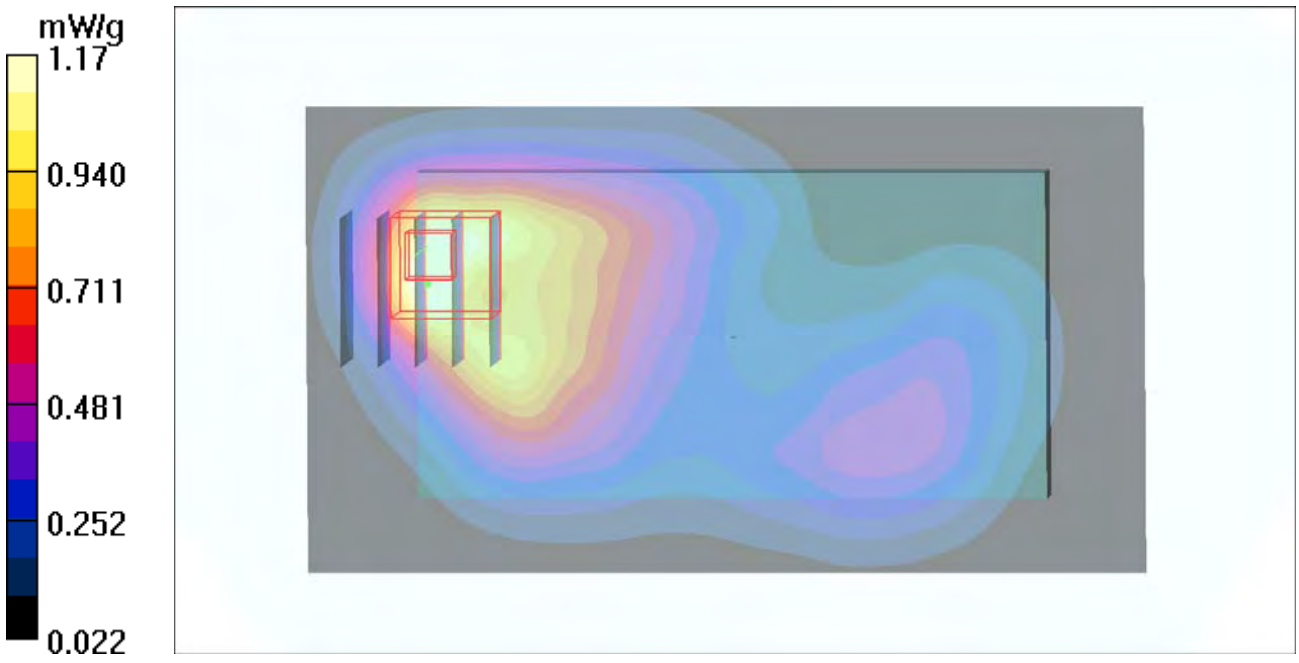
DUT: 126026C35

Communication System: GSM1900 GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.27 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.0 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.867 mW/g; SAR(10 g) = 0.514 mW/g
Maximum value of SAR (measured) = 1.17 mW/g



P88 GSM1900_GPRS10_Front Face_1cm_Ch661

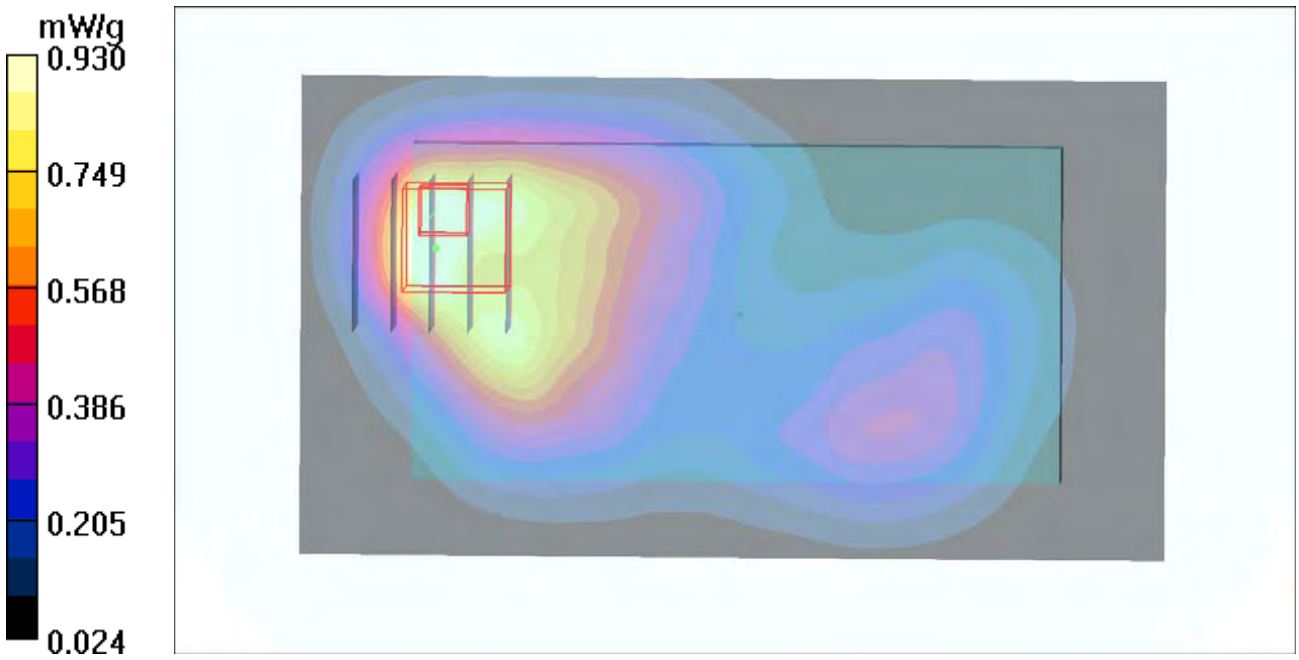
DUT: 126026C35

Communication System: GSM1900 GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used : f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.04 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.414 mW/g
Maximum value of SAR (measured) = 0.930 mW/g



P85 GSM1900_GPRS10_Rear Face_1cm_Ch512

DUT: 126026C35

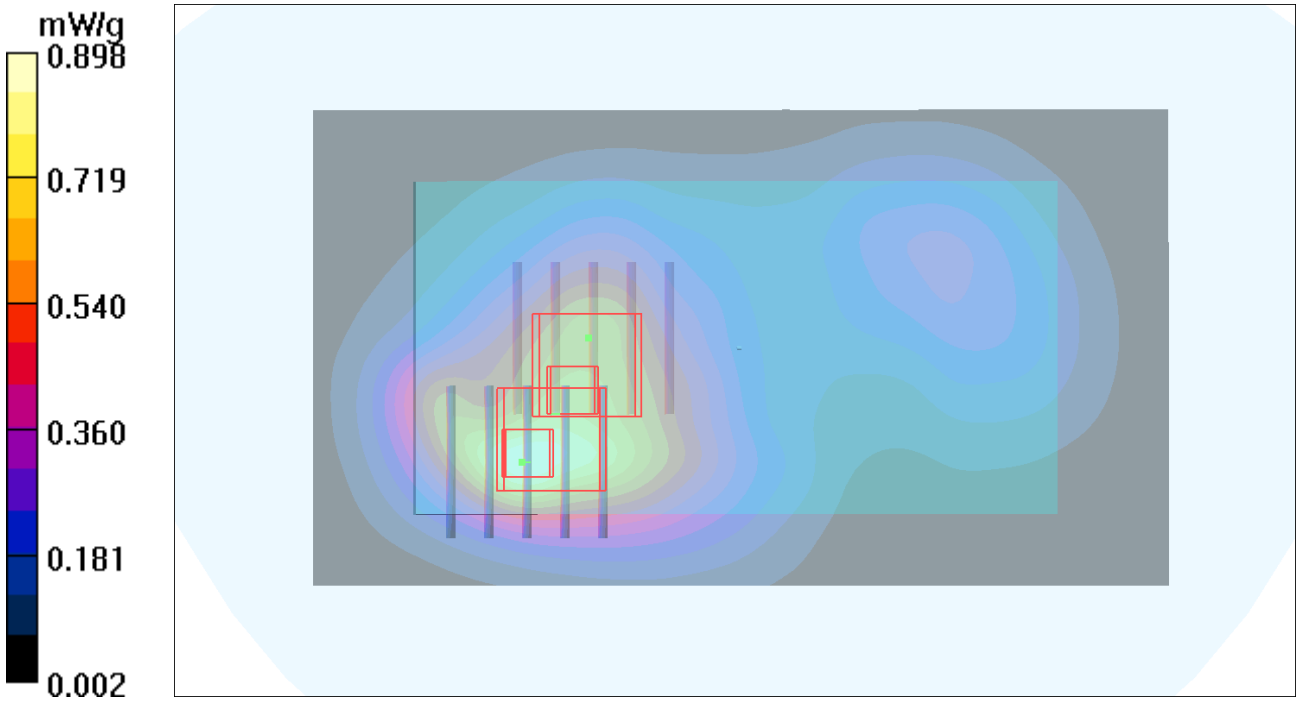
Communication System: GSM1900 GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used : f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.904 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.6 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.407 mW/g
Maximum value of SAR (measured) = 0.898 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.6 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 0.896 W/kg
SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.361 mW/g
Maximum value of SAR (measured) = 0.756 mW/g



P86 GSM1900_GPRS10_Rear Face_1cm_Ch661

DUT: 126026C35

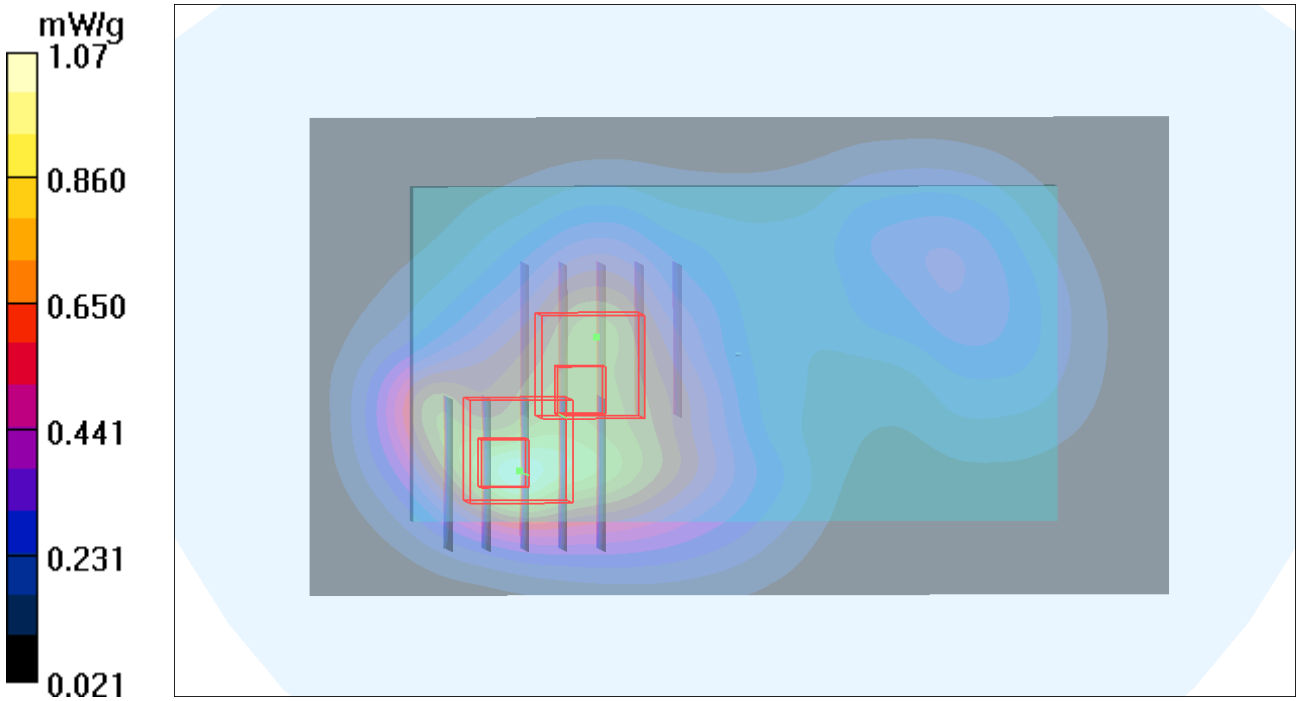
Communication System: GSM1900 GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.06 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.7 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.454 mW/g
Maximum value of SAR (measured) = 1.07 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.7 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.986 W/kg
SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.405 mW/g
Maximum value of SAR (measured) = 0.824 mW/g



P93 GSM1900_GPRS10_Bottom Side_1cm_Ch512

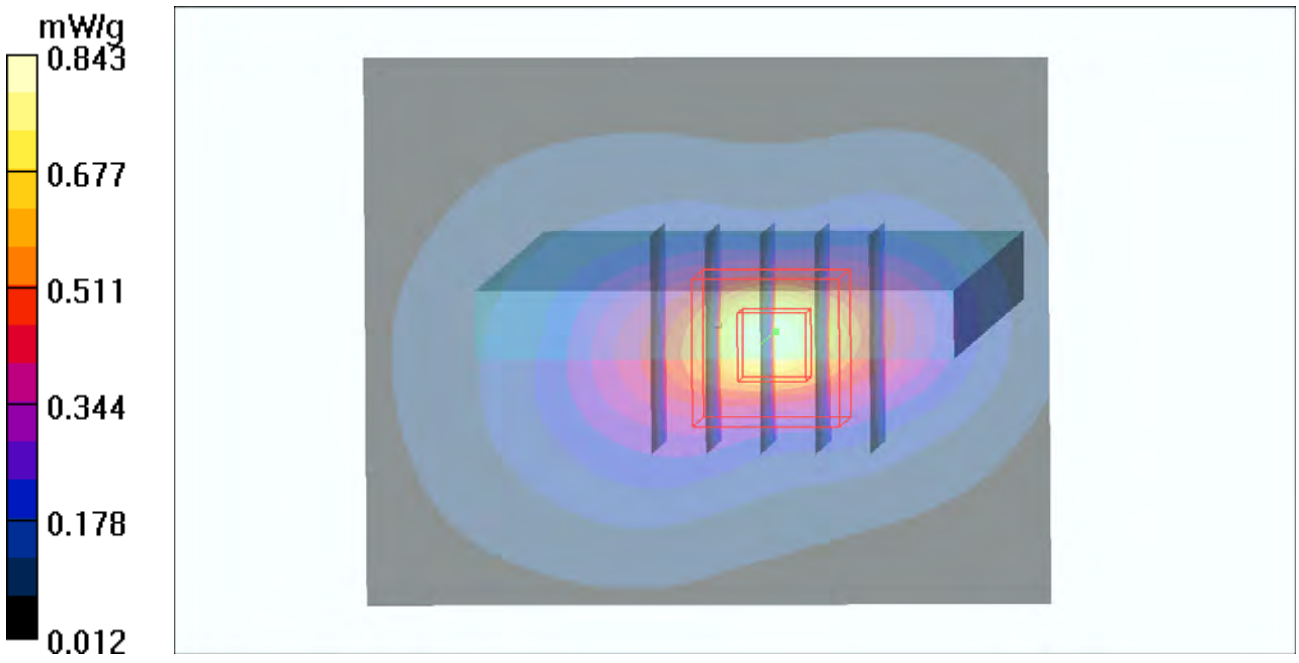
DUT: 126026C35

Communication System: GSM1900 GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used : f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (41x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.844 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.4 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.319 mW/g
Maximum value of SAR (measured) = 0.843 mW/g



P94 GSM1900_GPRS10_Bottom Side_1cm_Ch661

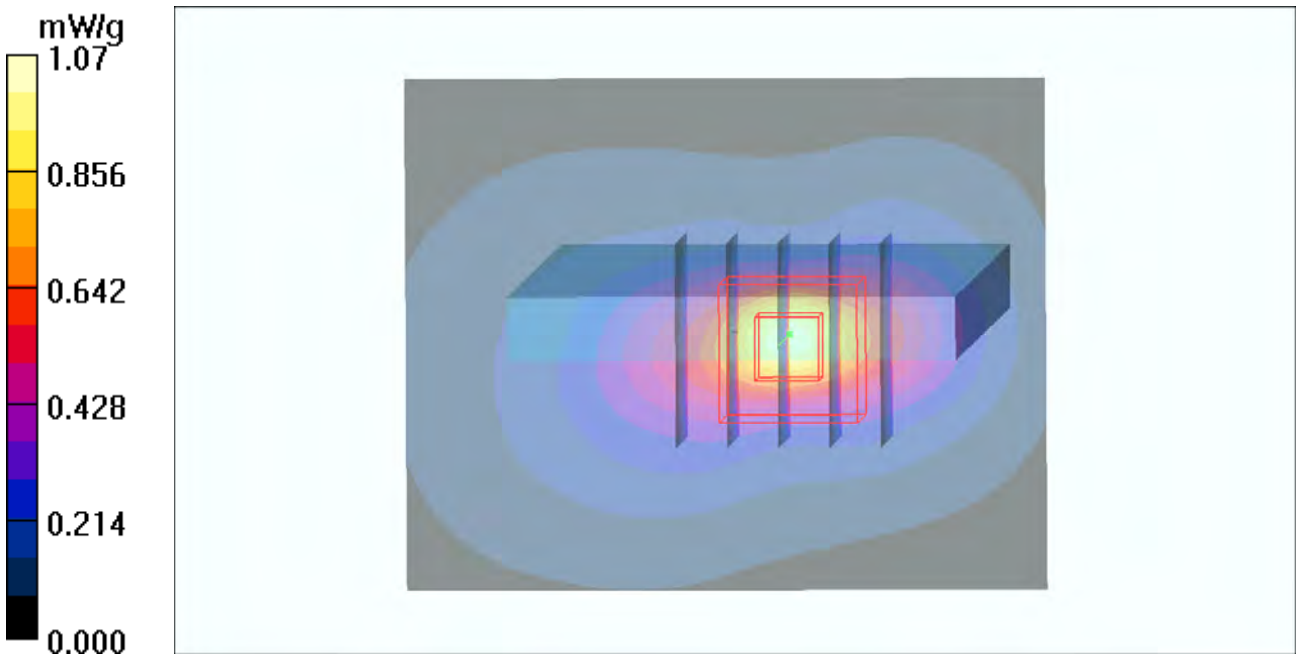
DUT: 126026C35

Communication System: GSM1900 GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (41x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.06 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.4 V/m; Power Drift = -0.037 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.391 mW/g
Maximum value of SAR (measured) = 1.07 mW/g



P63 GSM1900_GPRS10_Front Face_1cm_Ch810_Earphone

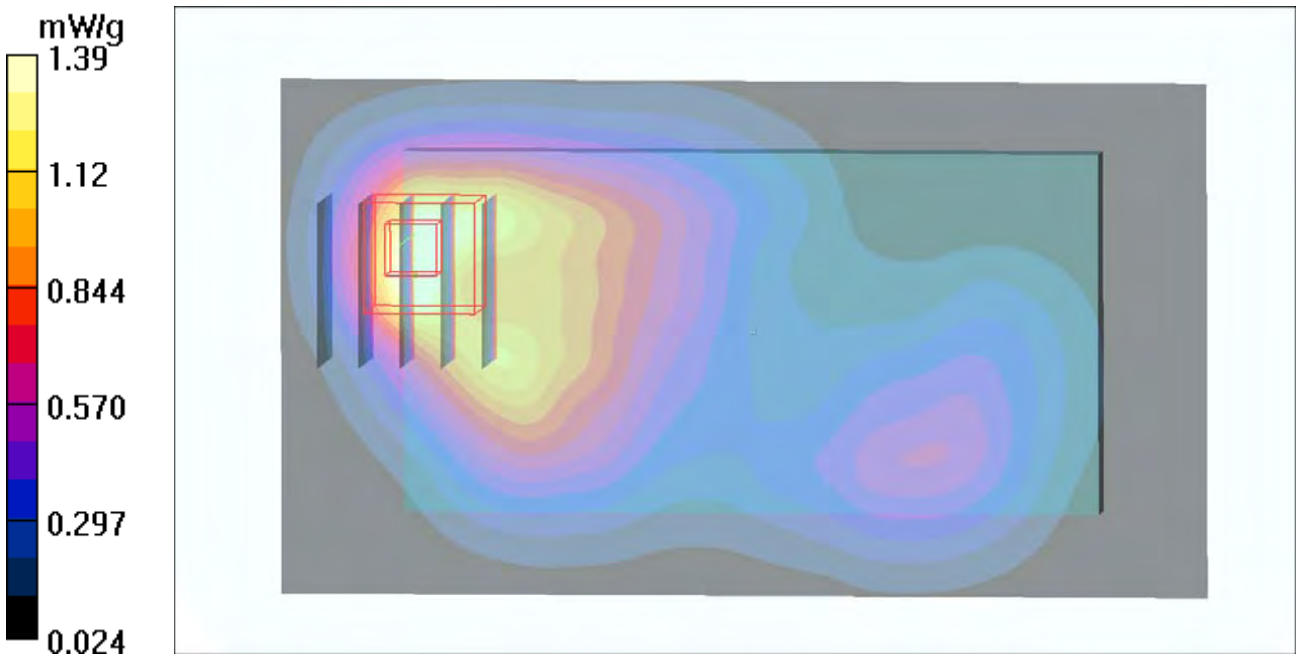
DUT: 126026C35

Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.51 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.2 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.591 mW/g
Maximum value of SAR (measured) = 1.39 mW/g



P64 GSM1900_GPRS10_Rear Face_1cm_Ch810_Earphone

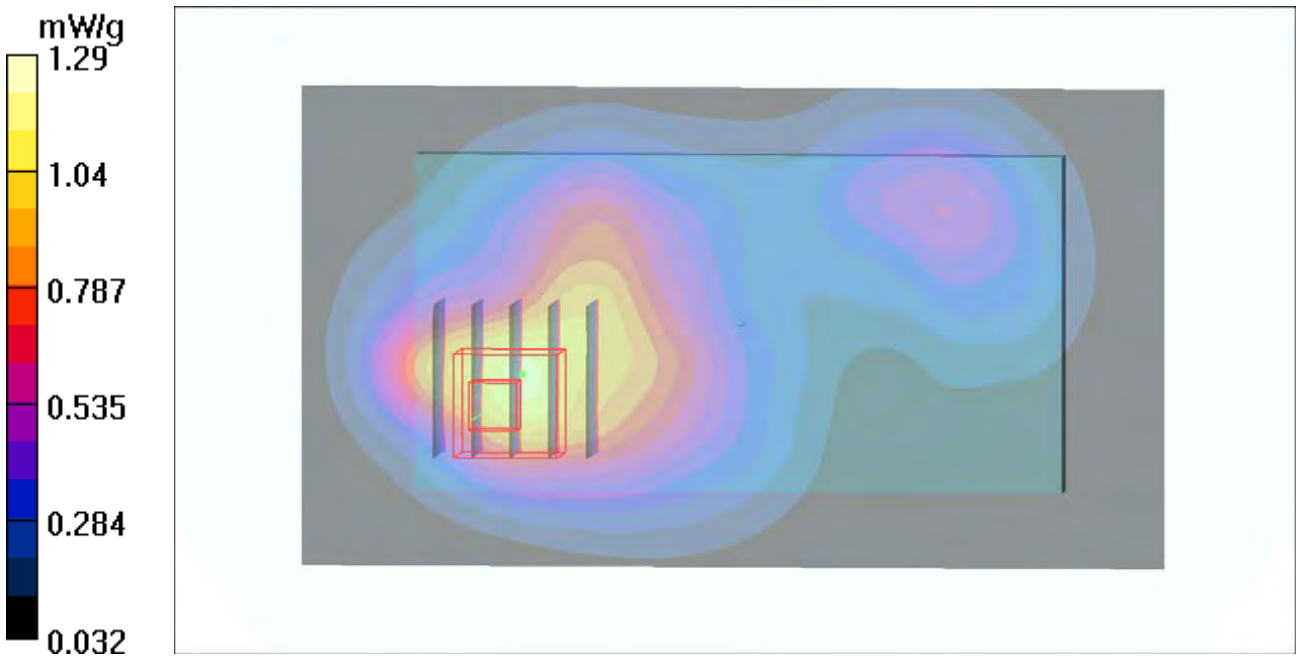
DUT: 126026C35

Communication System: GSM1900 GPRS10; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used: f = 1910 MHz; σ = 1.56 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.5 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.539 mW/g
Maximum value of SAR (measured) = 1.29 mW/g



P89 GSM1900_GPRS10_Front Face_1cm_Ch512_Earphone

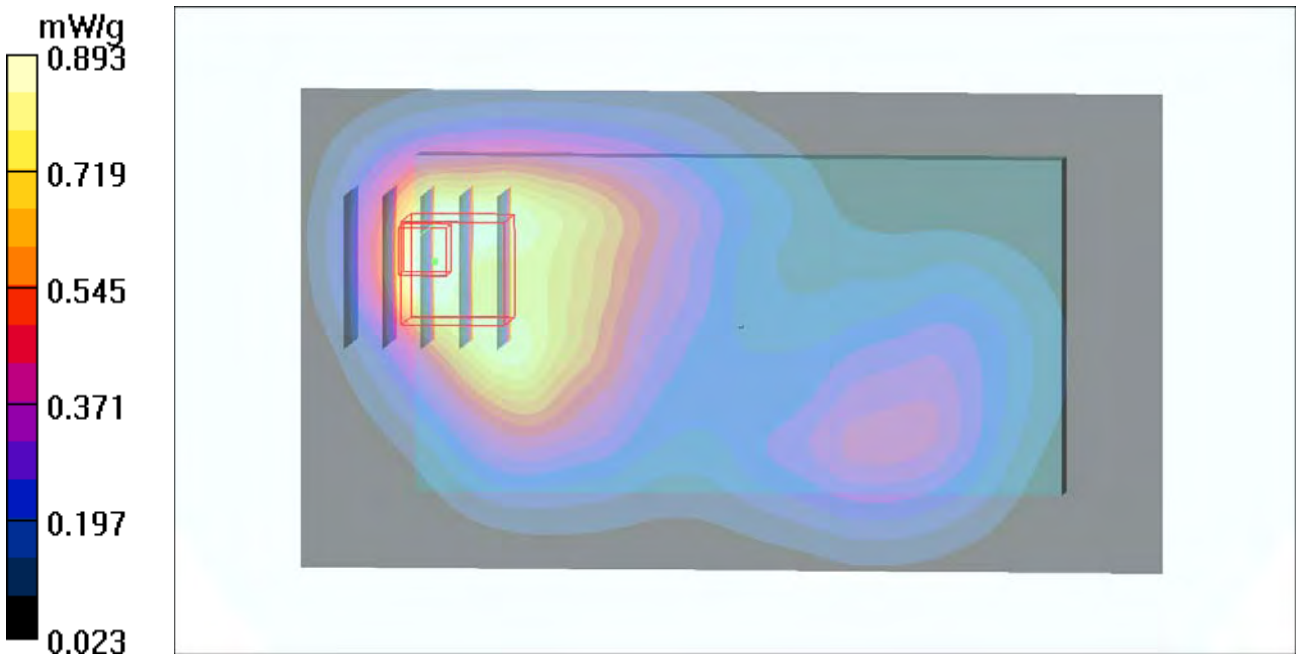
DUT: 126026C35

Communication System: GSM1900 GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used : f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.987 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.405 mW/g
Maximum value of SAR (measured) = 0.893 mW/g



P90 GSM1900_GPRS10_Front Face_1cm_Ch661_Earphone

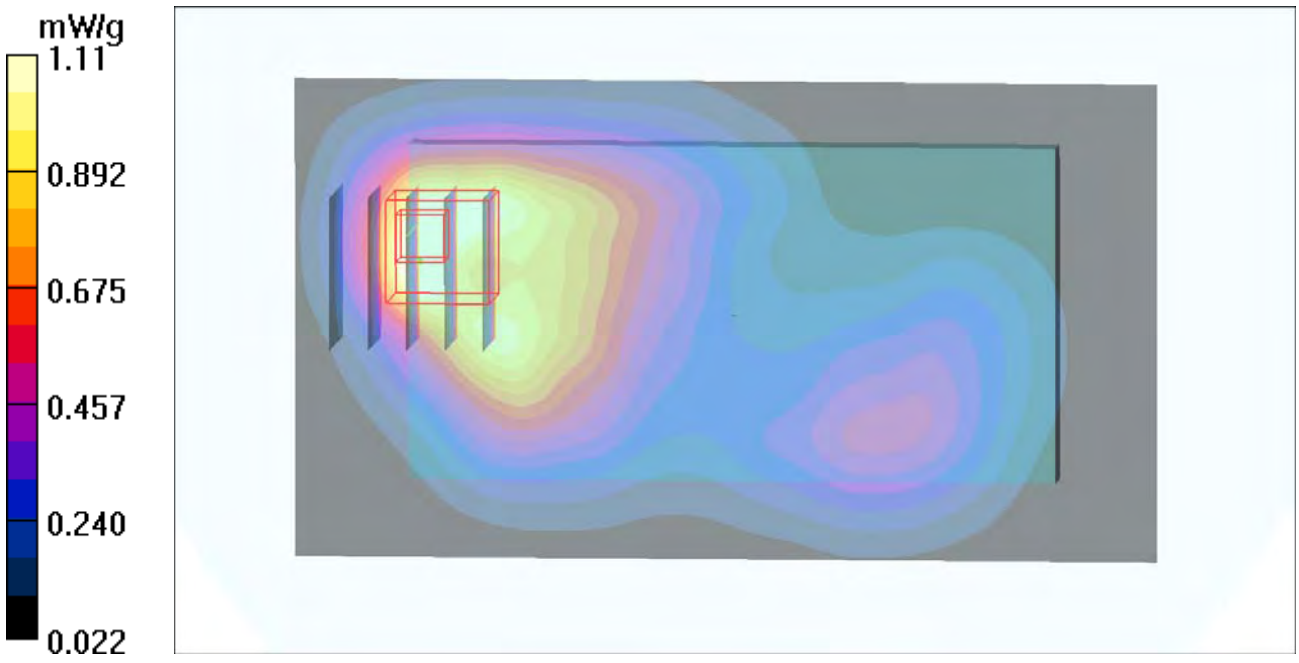
DUT: 126026C35

Communication System: GSM1900 GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.28 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.0 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.491 mW/g
Maximum value of SAR (measured) = 1.11 mW/g



P91 GSM1900_GPRS10_Rear Face_1cm_Ch512_Earphone

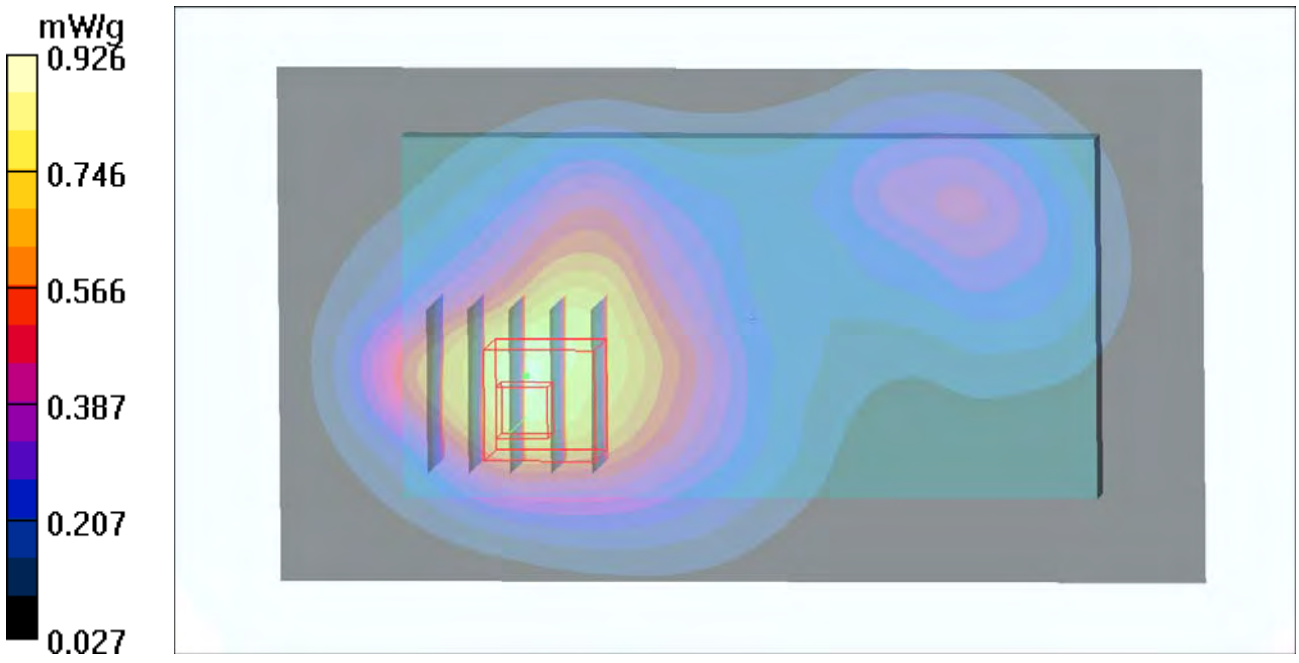
DUT: 126026C35

Communication System: GSM1900 GPRS10; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used : f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.881 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.427 mW/g
Maximum value of SAR (measured) = 0.926 mW/g



P92 GSM1900_GPRS10_Rear Face_1cm_Ch661_Earphone

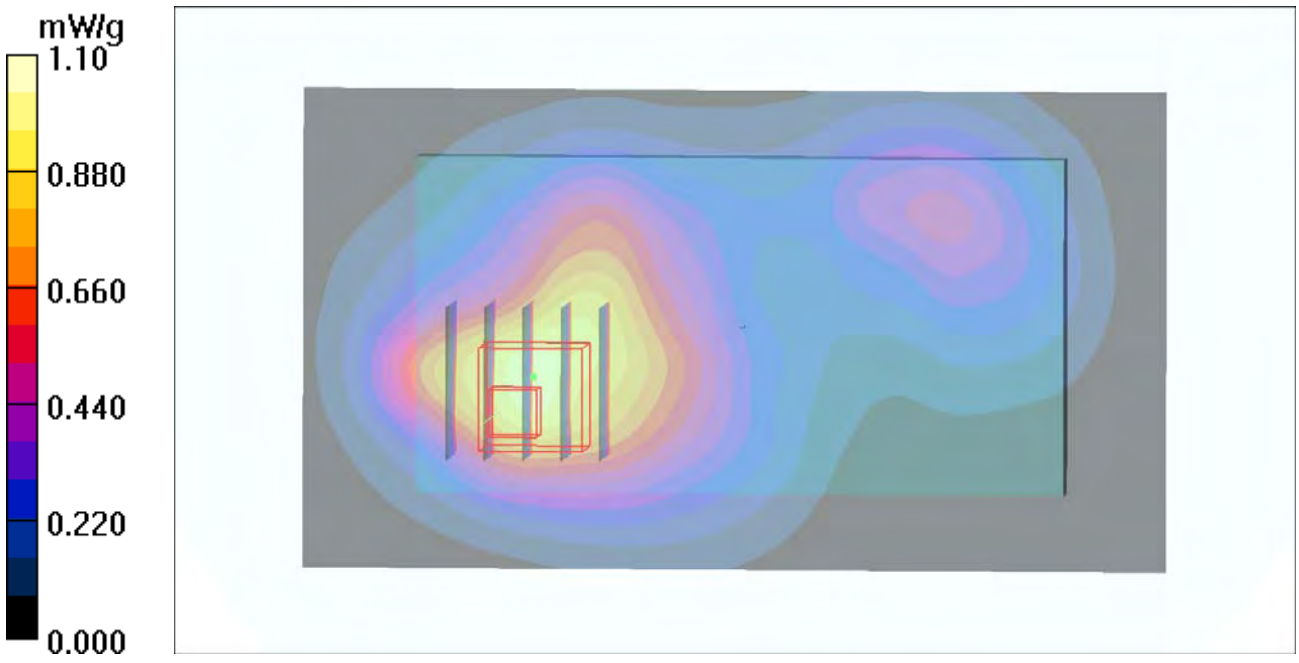
DUT: 126026C35

Communication System: GSM1900 GPRS10; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: B1900_0706 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.02 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = -0.070 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.829 mW/g; SAR(10 g) = 0.480 mW/g
Maximum value of SAR (measured) = 1.10 mW/g



P65 WCDMA V_RMC12.2K_Front Face_1cm_Ch4182

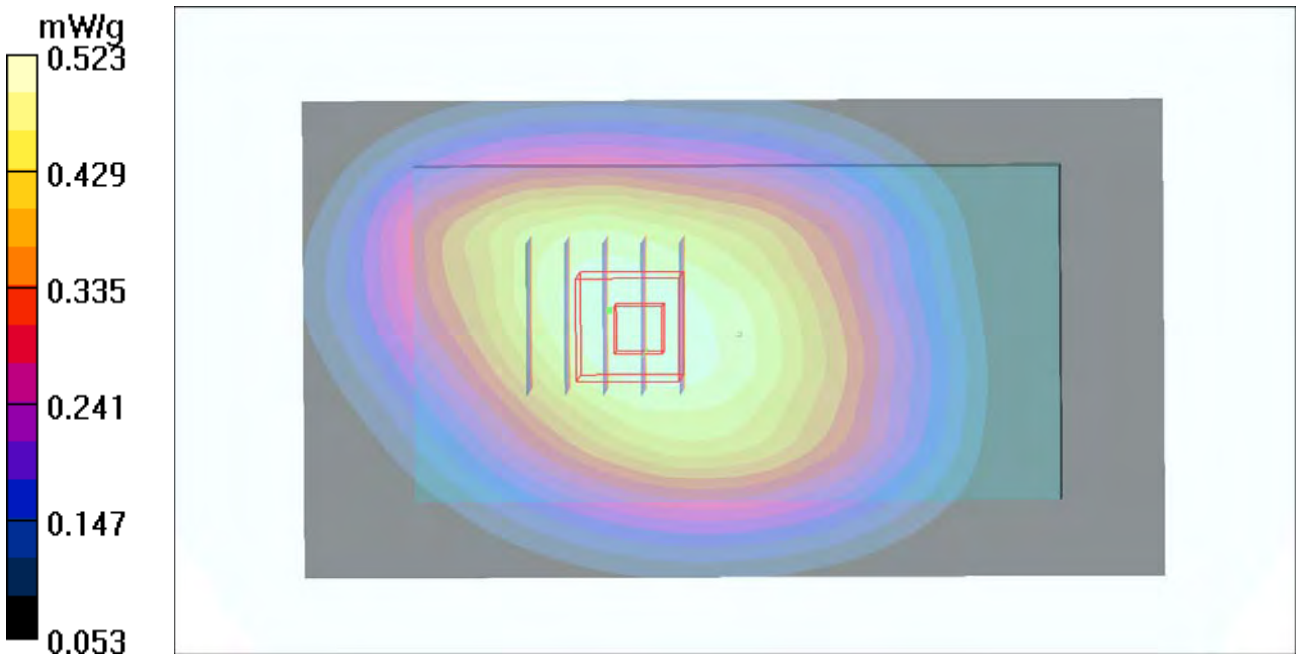
DUT: 126026C35

Communication System: WCDMA V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0706 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.532 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.4 V/m; Power Drift = 0.036 dB
Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.523 mW/g



P66 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4182

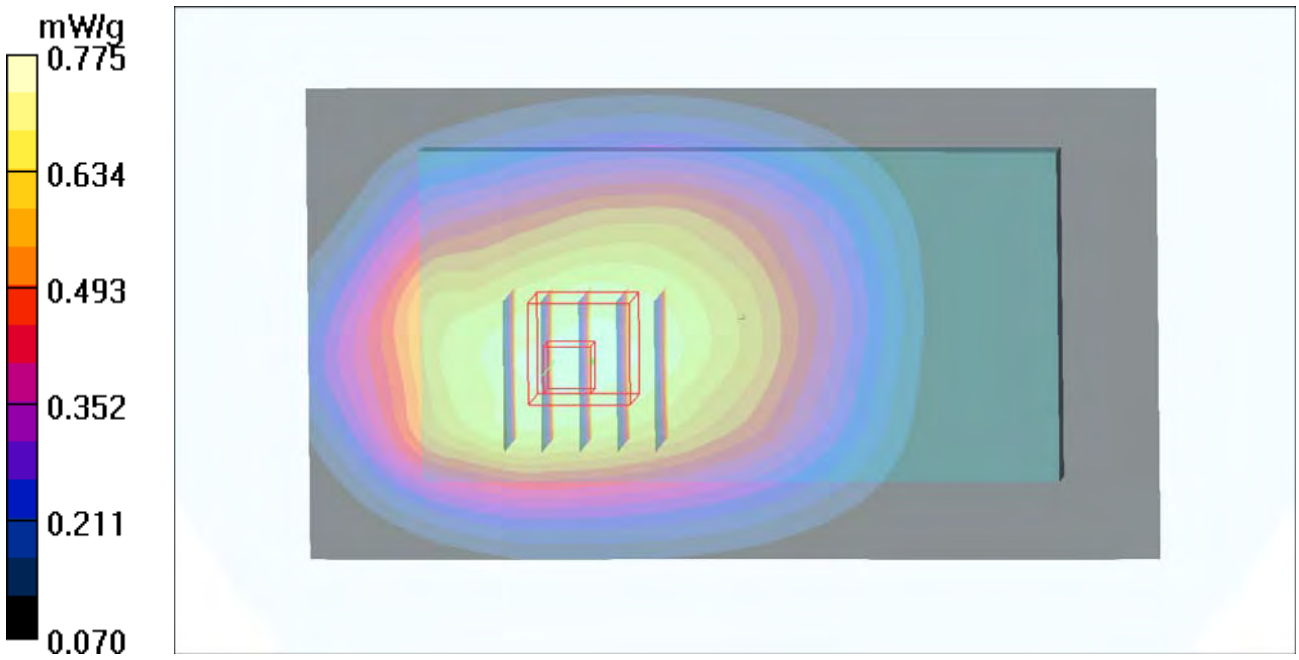
DUT: 126026C35

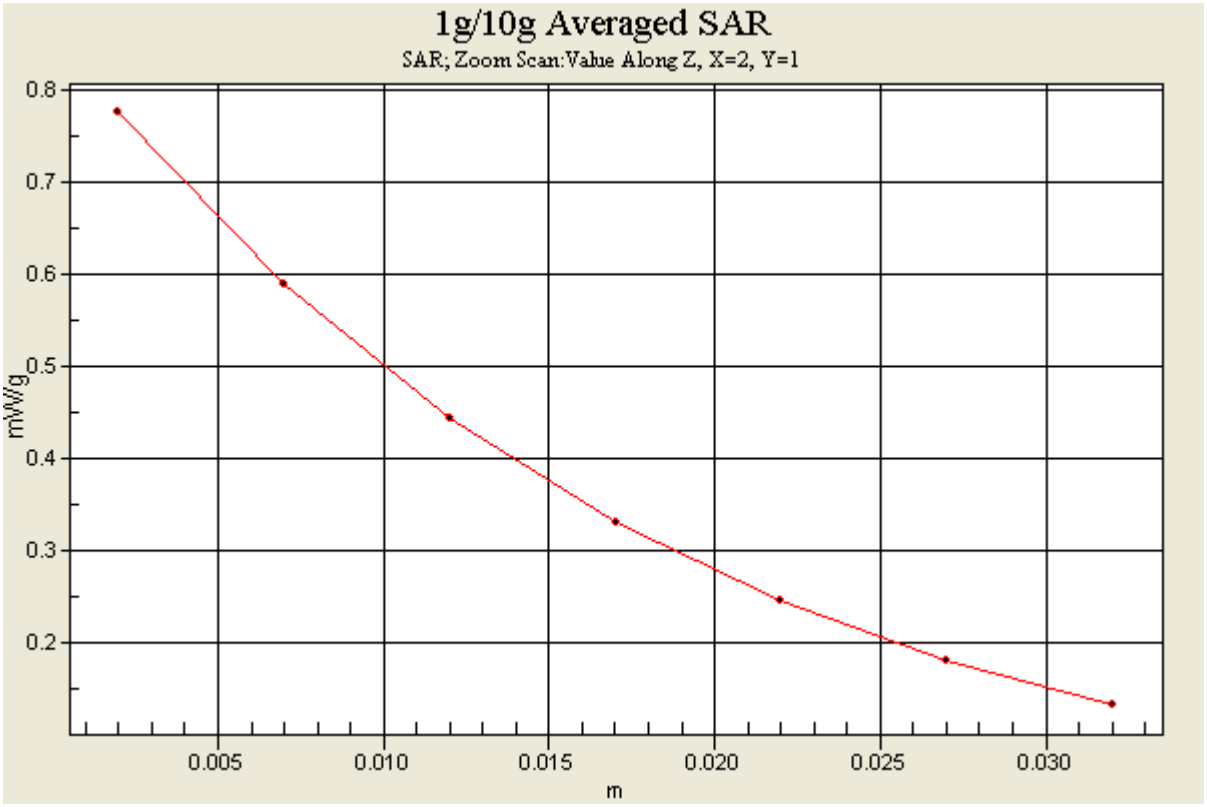
Communication System: WCDMA V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0706 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.767 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.8 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 0.884 W/kg
SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.498 mW/g
Maximum value of SAR (measured) = 0.775 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=1
mW/g
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.005
0.010
0.015
0.020
0.025
0.030
m

P67 WCDMA V_RMC12.2K_Left Side_1cm_Ch4182

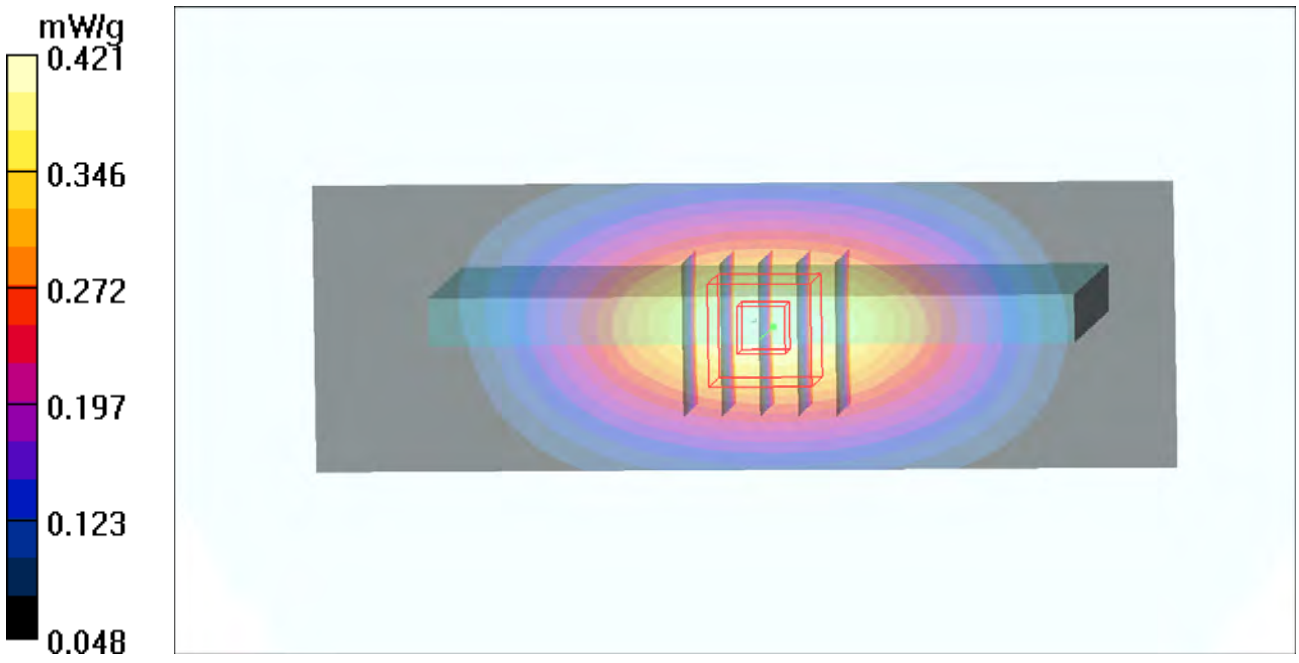
DUT: 126026C35

Communication System: WCDMA V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0706 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.416 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.1 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 0.488 W/kg
SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.421 mW/g



P68 WCDMA V_RMC12.2K_Right Side_1cm_Ch4182

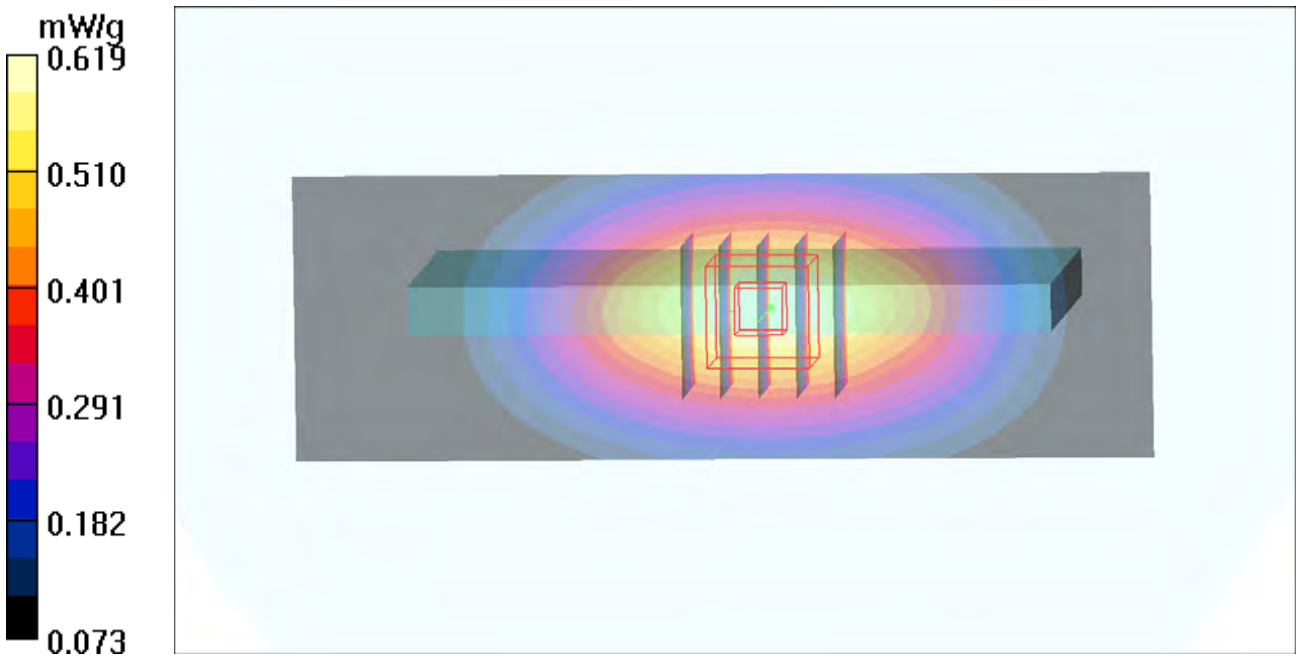
DUT: 126026C35

Communication System: WCDMA V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0706 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.612 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.2 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 0.715 W/kg
SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.355 mW/g
Maximum value of SAR (measured) = 0.619 mW/g



P69 WCDMA V_RMC12.2K_Bottom Side_1cm_Ch4182

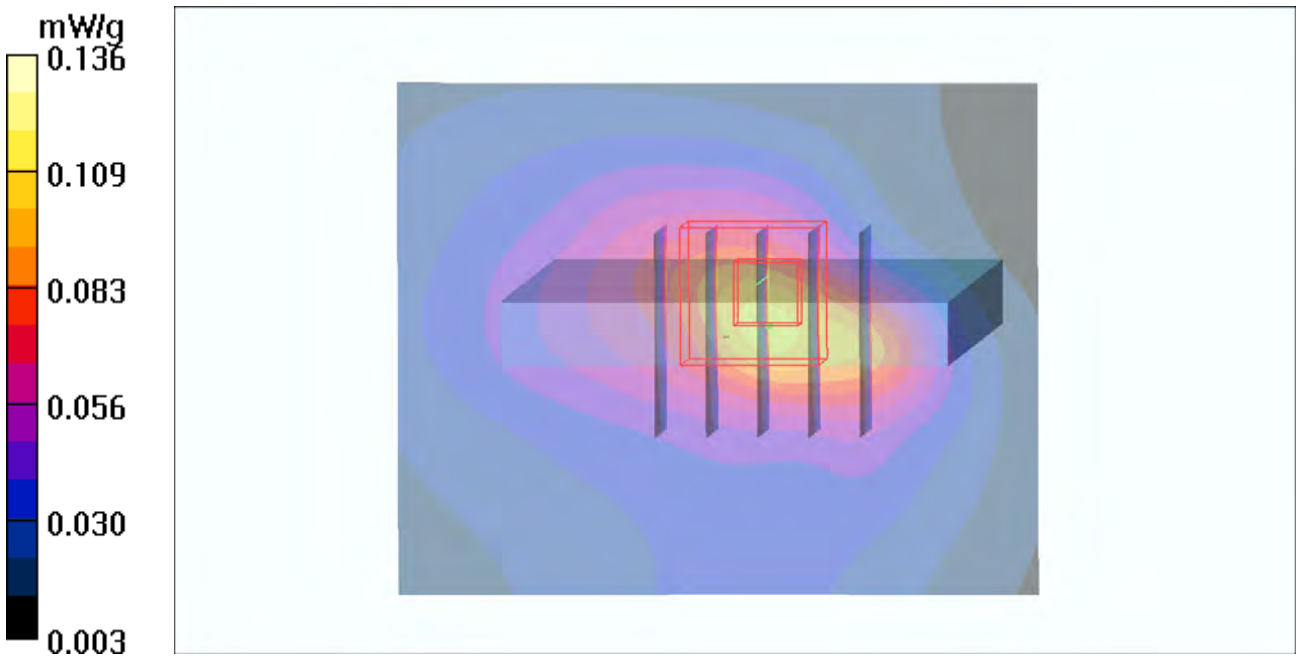
DUT: 126026C35

Communication System: WCDMA V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0706 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (41x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.105 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.40 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 0.184 W/kg
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.136 mW/g



P70 WCDMA V_RMC12.2K_Front Face_1cm_Ch4182_Earphone

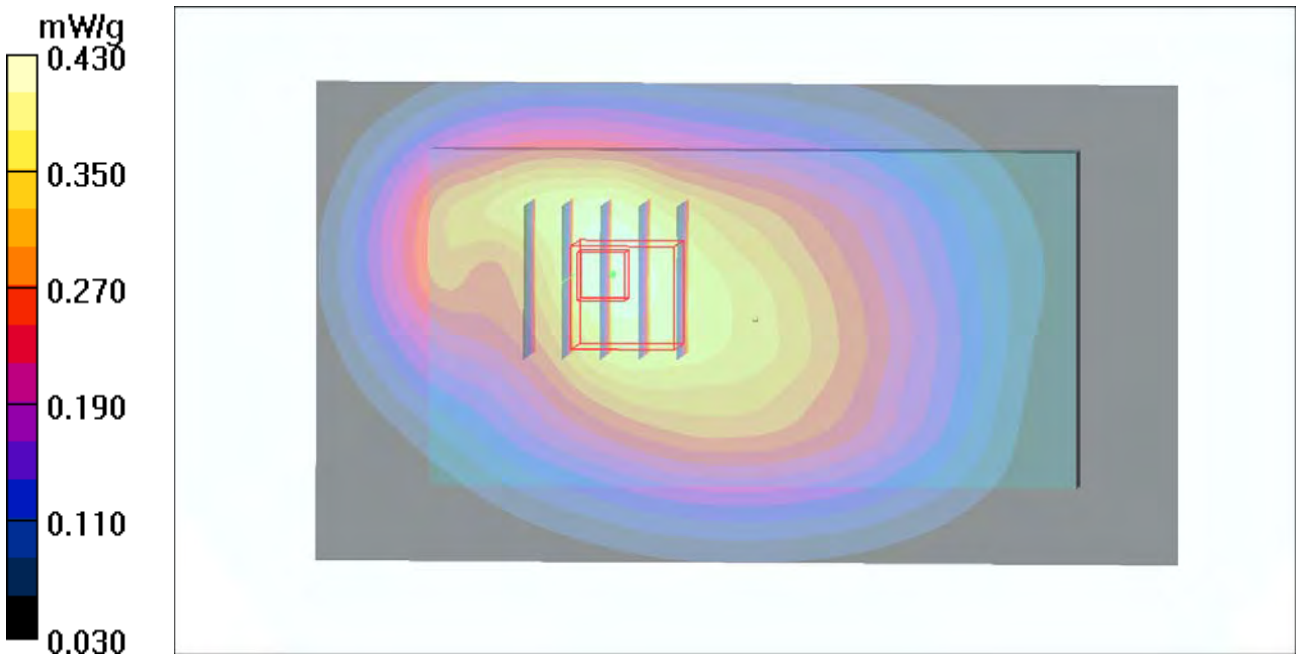
DUT: 126026C35

Communication System: WCDMA V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0706 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.439 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.8 V/m; Power Drift = 0.043 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.271 mW/g
Maximum value of SAR (measured) = 0.430 mW/g



P71 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4182_Earphone

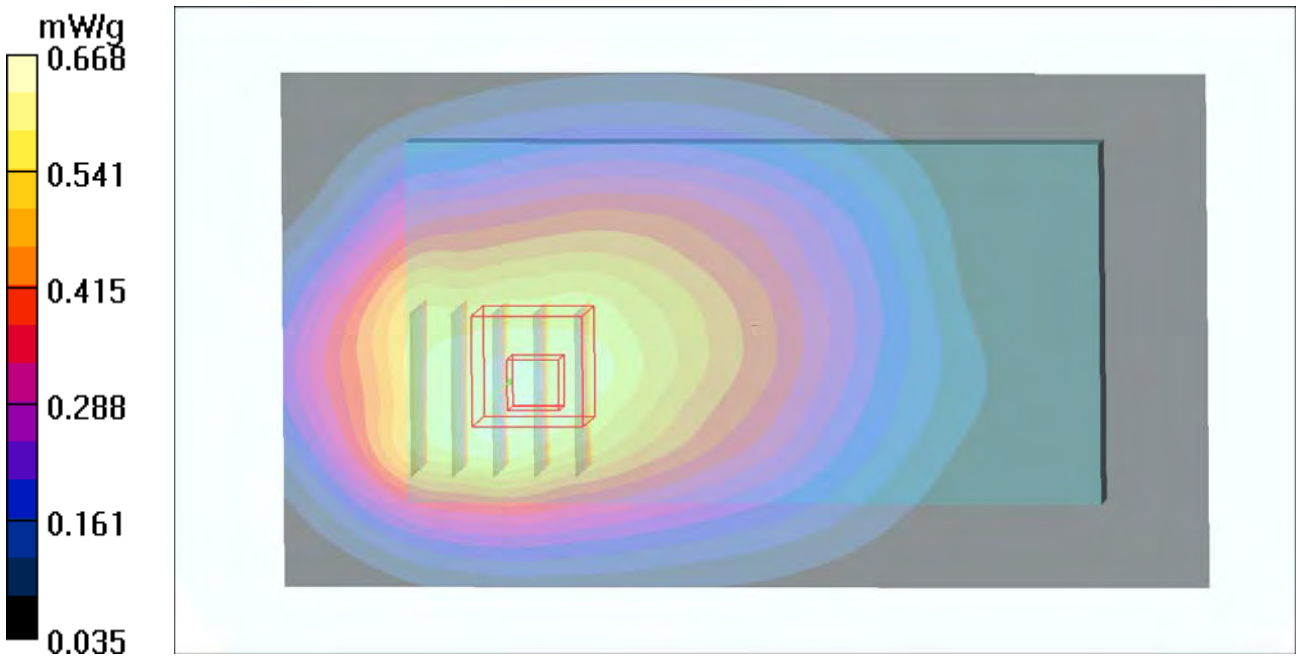
DUT: 126026C35

Communication System: WCDMA V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: B835_0706 Medium parameters used : f = 836.4 MHz; σ = 0.979 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.1 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.640 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.7 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.784 W/kg
SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.397 mW/g
Maximum value of SAR (measured) = 0.668 mW/g



P72 WCDMA II_RMC12.2K_Front Face_1cm_Ch9400

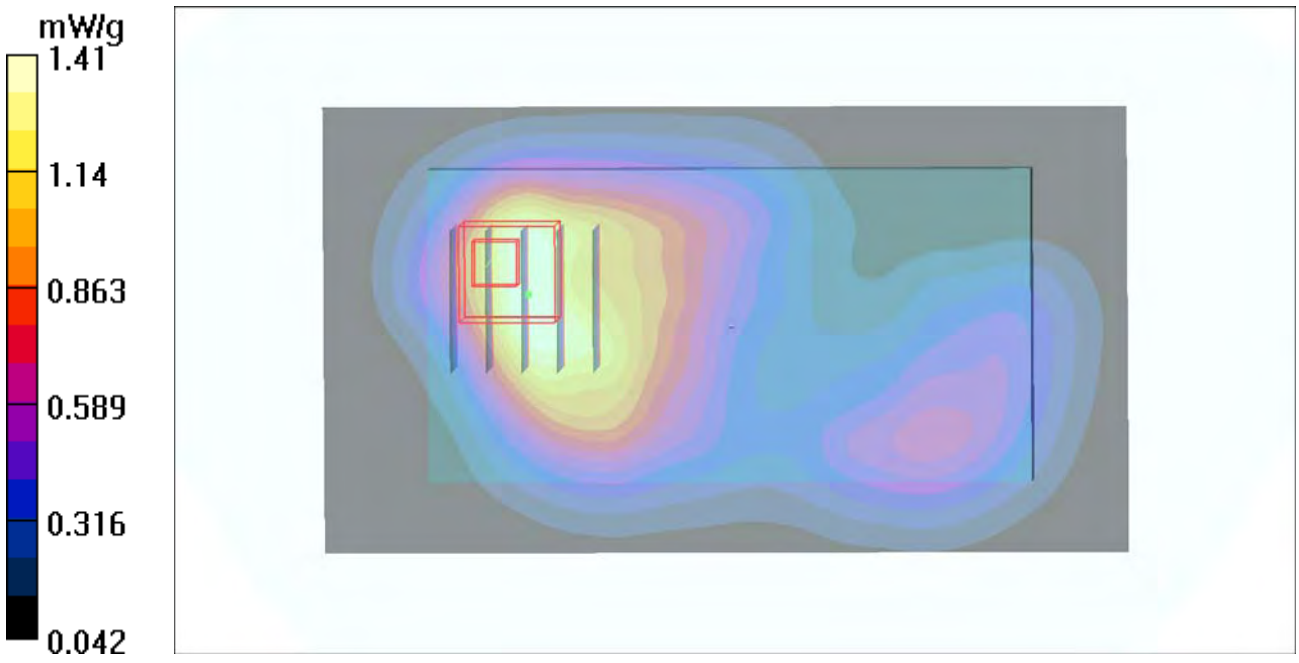
DUT: 126026C35

Communication System: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.48 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.1 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.615 mW/g
Maximum value of SAR (measured) = 1.41 mW/g



P73 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400

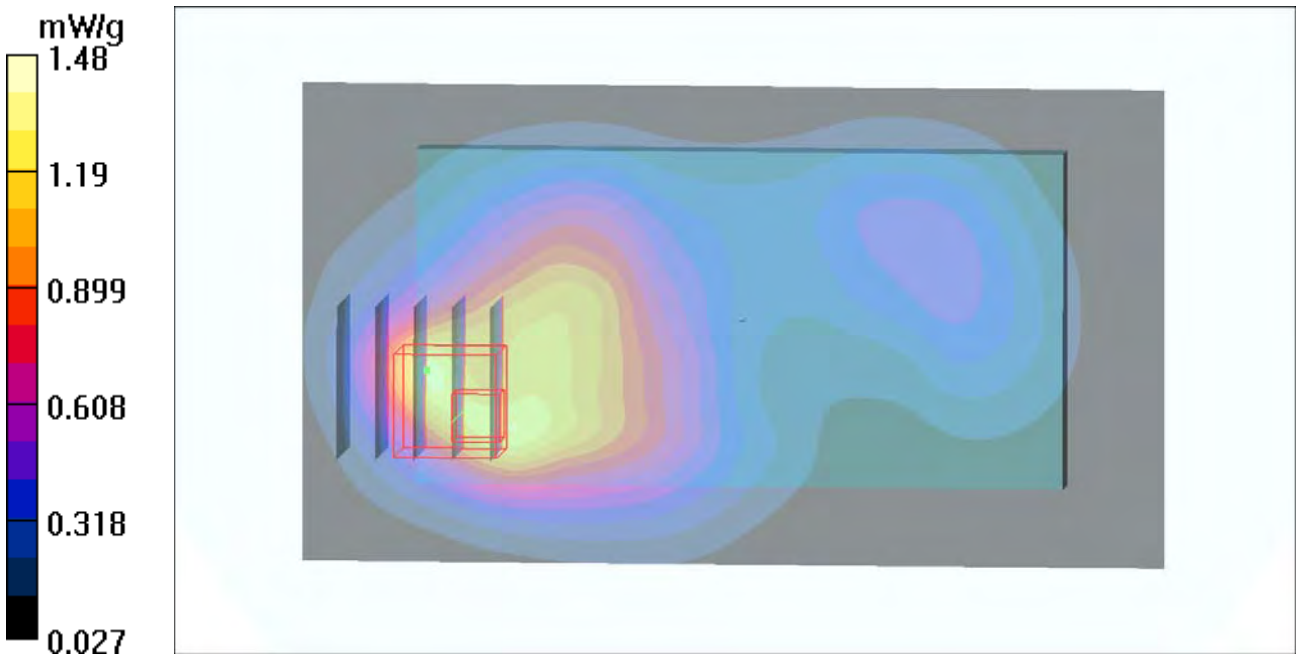
DUT: 126026C35

Communication System: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.33 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.589 mW/g
Maximum value of SAR (measured) = 1.48 mW/g



P74 WCDMA II_RMC12.2K_Left Side_1cm_Ch9400

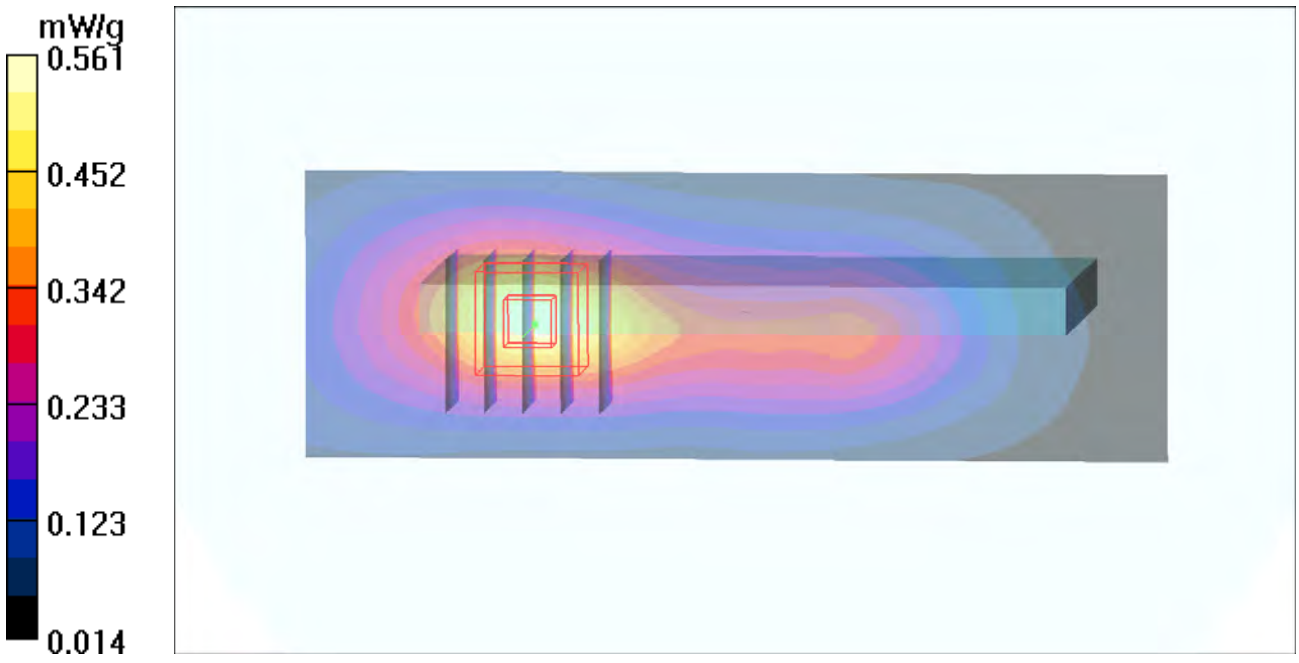
DUT: 126026C35

Communication System: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.555 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.6 V/m; Power Drift = 0.041 dB
Peak SAR (extrapolated) = 0.675 W/kg
SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.250 mW/g
Maximum value of SAR (measured) = 0.561 mW/g



P75 WCDMA II_RMC12.2K_Right Side_1cm_Ch9400

DUT: 126026C35

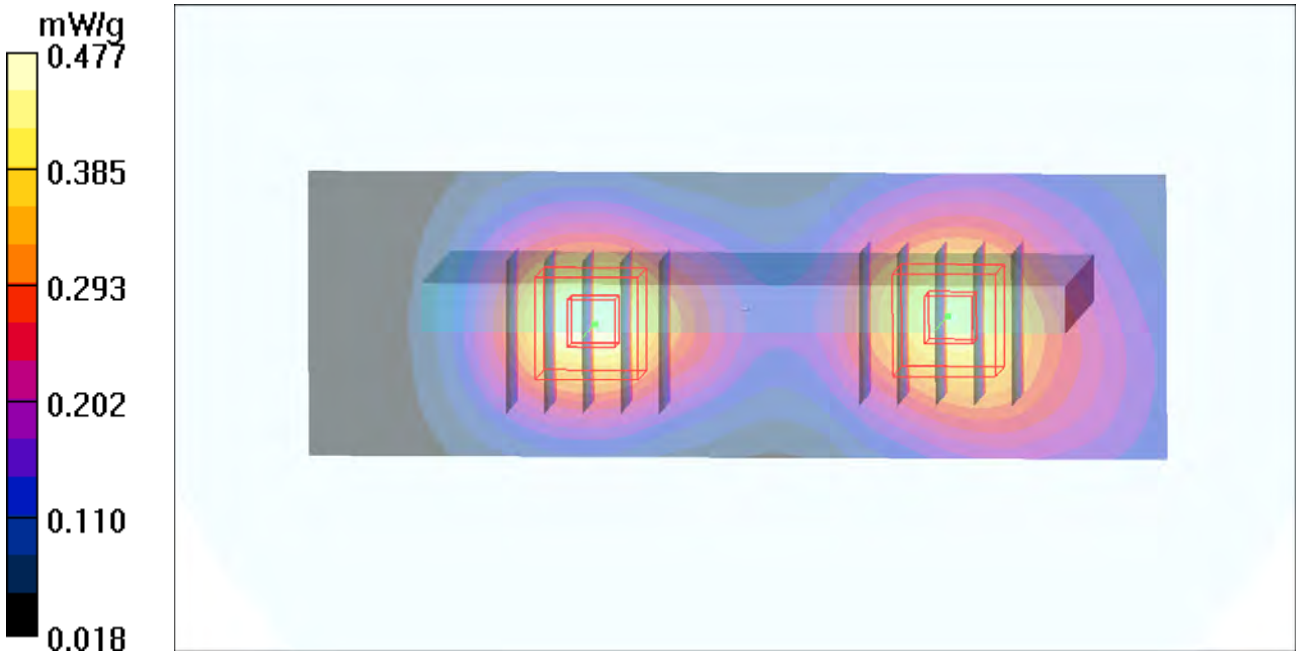
Communication System: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.496 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 0.588 W/kg
SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.230 mW/g
Maximum value of SAR (measured) = 0.493 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 0.570 W/kg
SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.227 mW/g
Maximum value of SAR (measured) = 0.477 mW/g



P76 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9400

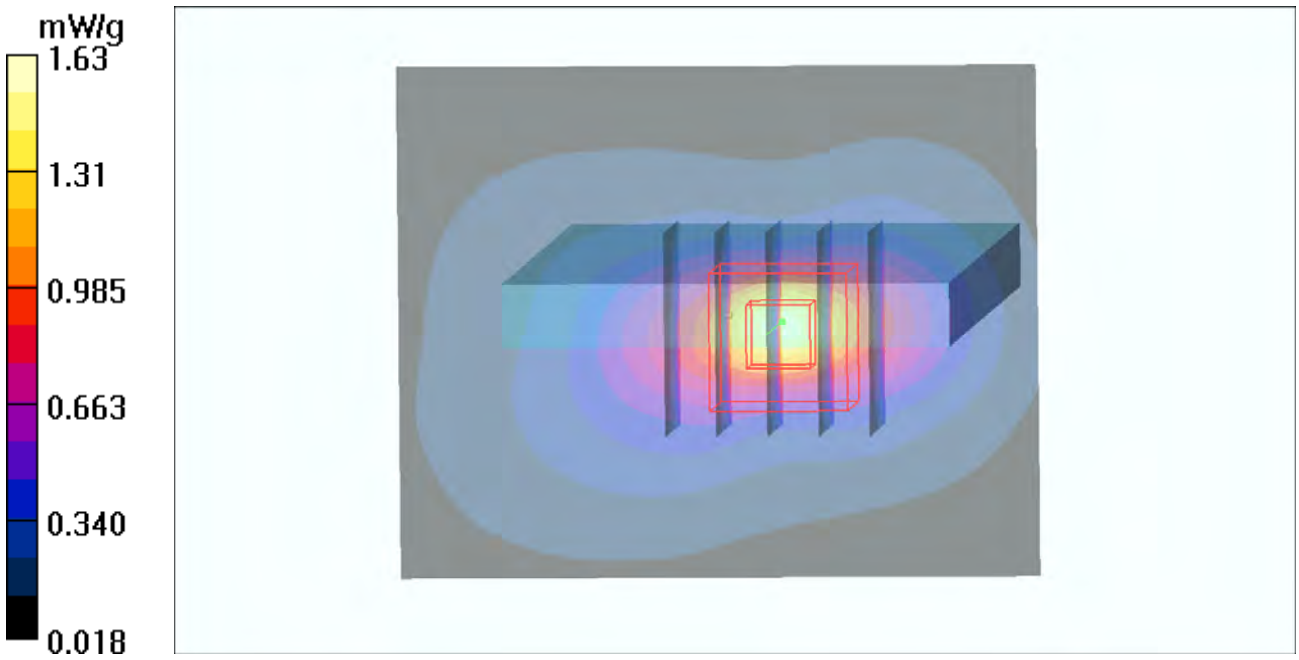
DUT: 126026C35

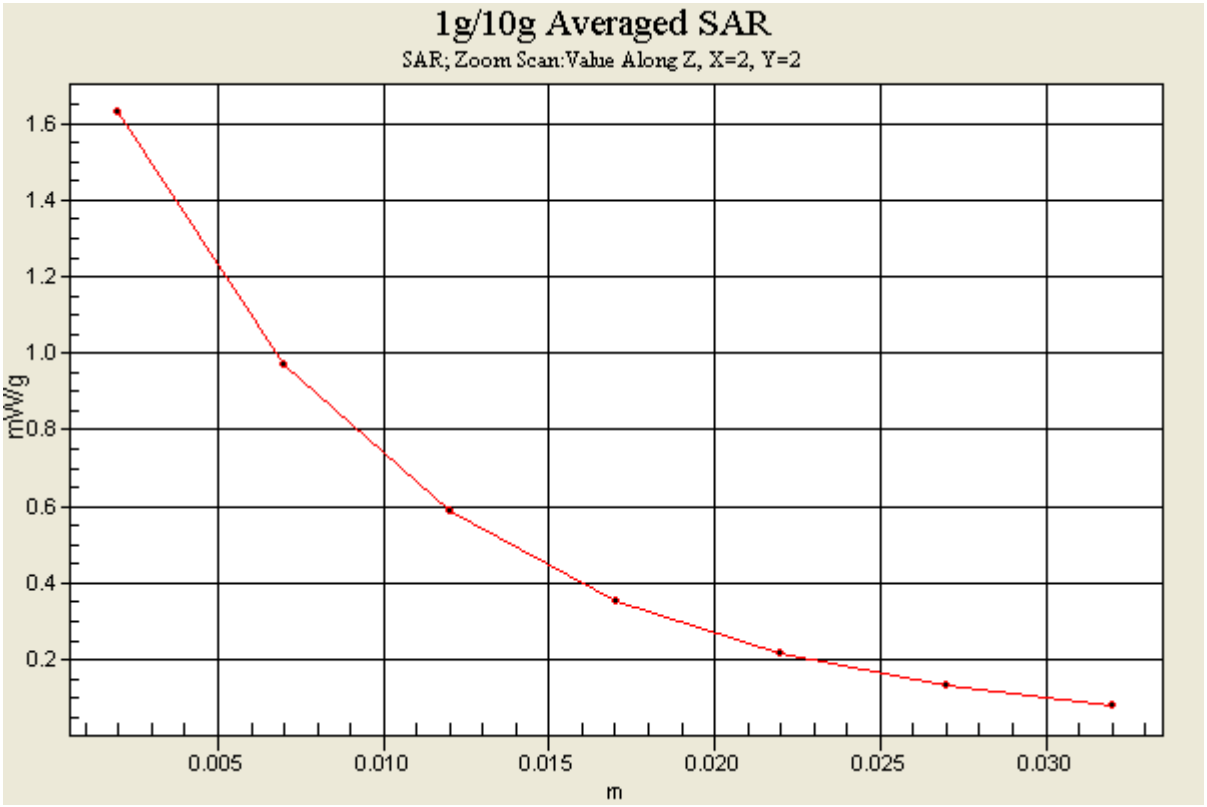
Communication System: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (41x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.60 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.0 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.597 mW/g
Maximum value of SAR (measured) = 1.63 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
mW/g
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.005
0.010
0.015
0.020
0.025
0.030
m

P95 WCDMA II_RMC12.2K_Front Face_1cm_Ch9262

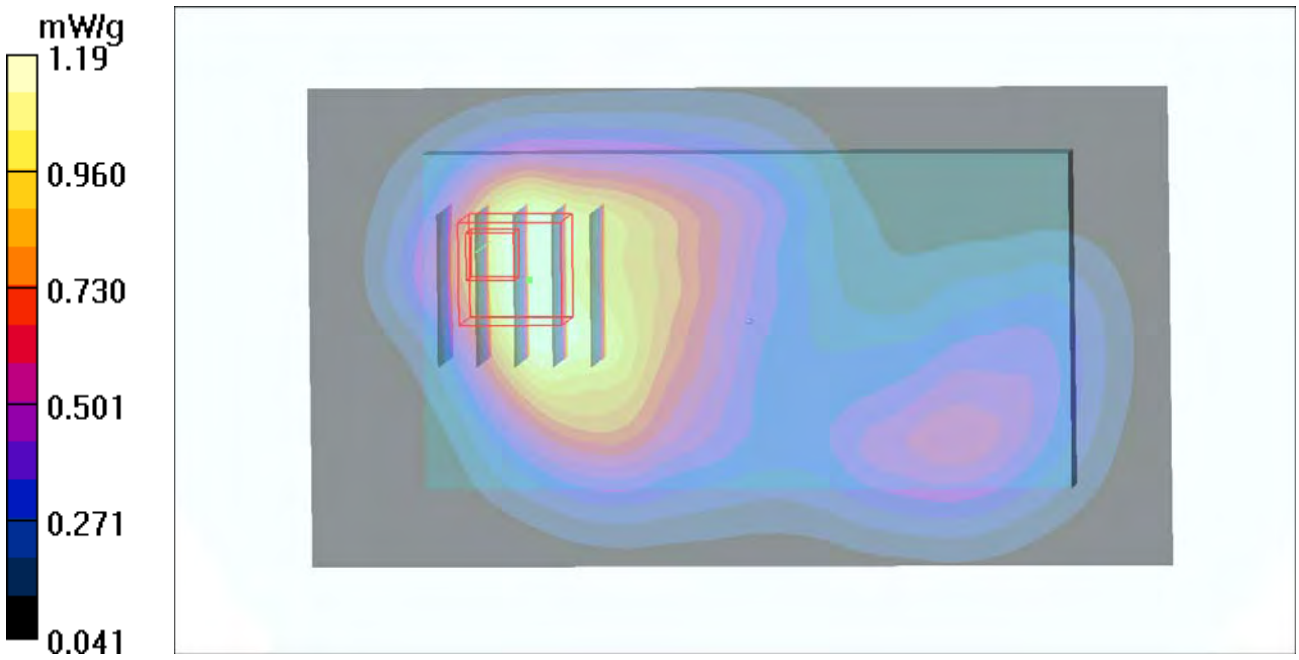
DUT: 126026C35

Communication System: WCDMA II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used : f = 1852.4 MHz; σ = 1.48 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.28 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.0 V/m; Power Drift = -0.006 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.541 mW/g
Maximum value of SAR (measured) = 1.19 mW/g



P96 WCDMA II_RMC12.2K_Front Face_1cm_Ch9538

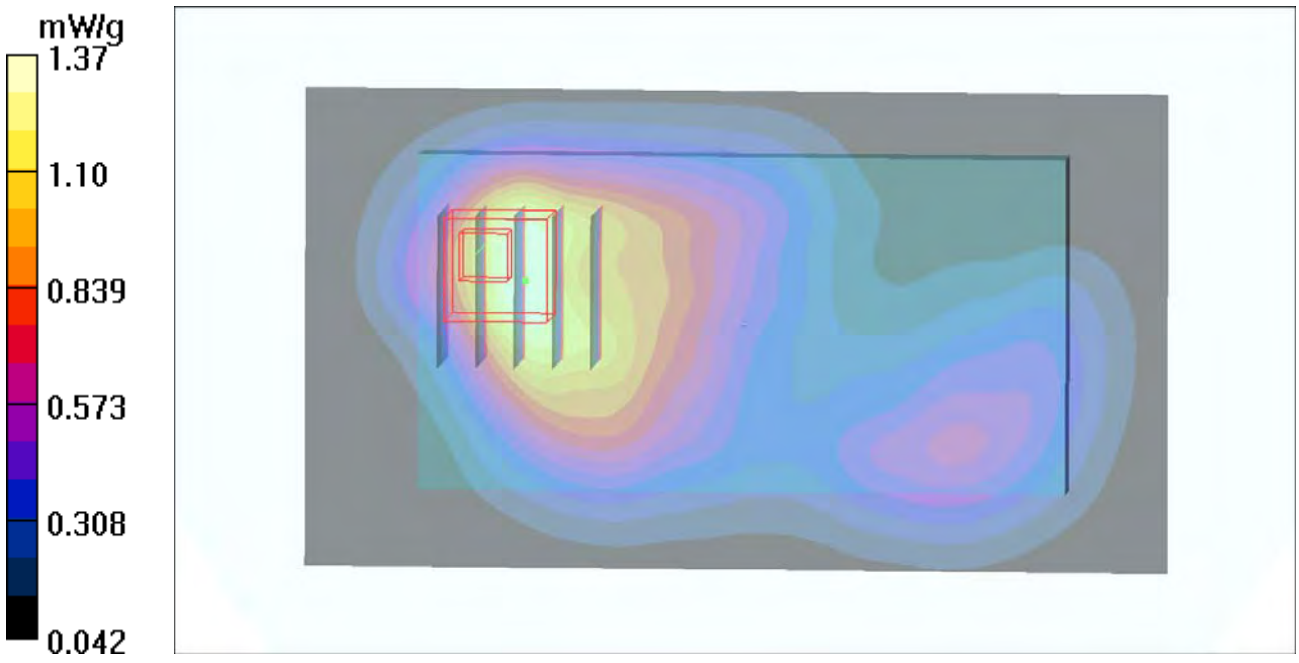
DUT: 126026C35

Communication System: WCDMA II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used: f = 1908 MHz; σ = 1.55 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.41 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.7 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.588 mW/g
Maximum value of SAR (measured) = 1.37 mW/g



P97 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262

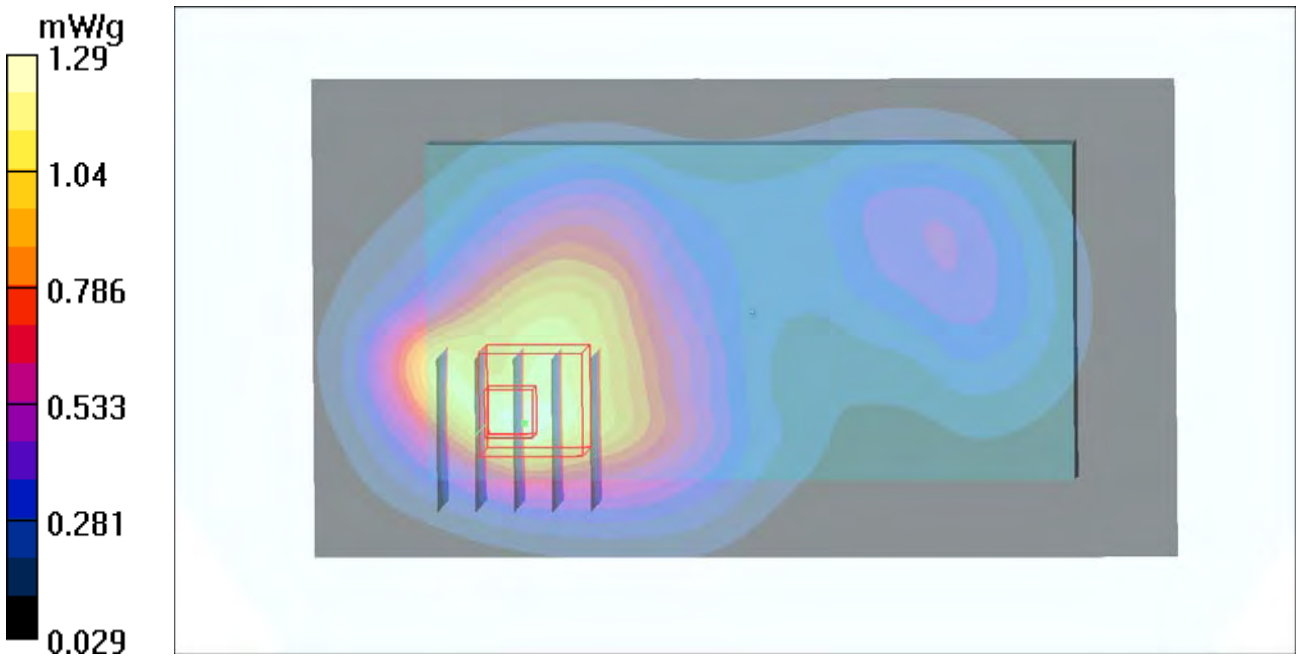
DUT: 126026C35

Communication System: WCDMA II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used : f = 1852.4 MHz; σ = 1.48 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.25 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.7 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.600 mW/g
Maximum value of SAR (measured) = 1.29 mW/g



P98 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538

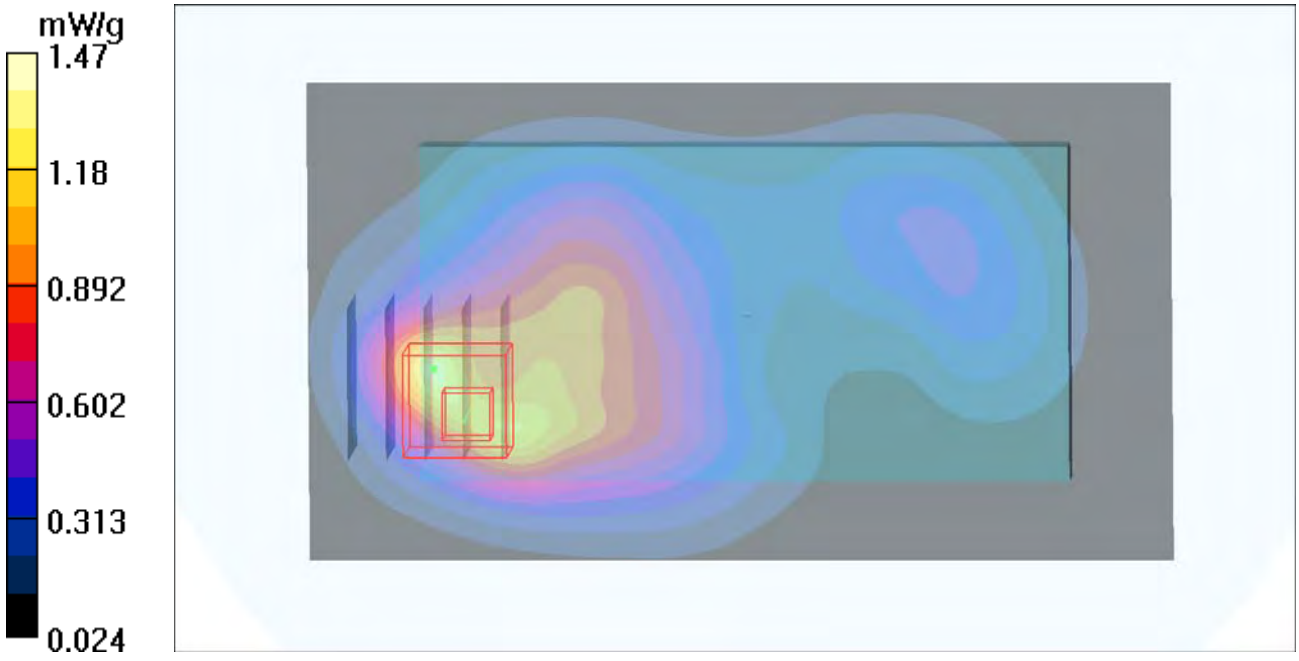
DUT: 126026C35

Communication System: WCDMA II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used: f = 1908 MHz; σ = 1.55 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.33 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.4 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.576 mW/g
Maximum value of SAR (measured) = 1.47 mW/g



P99 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9262

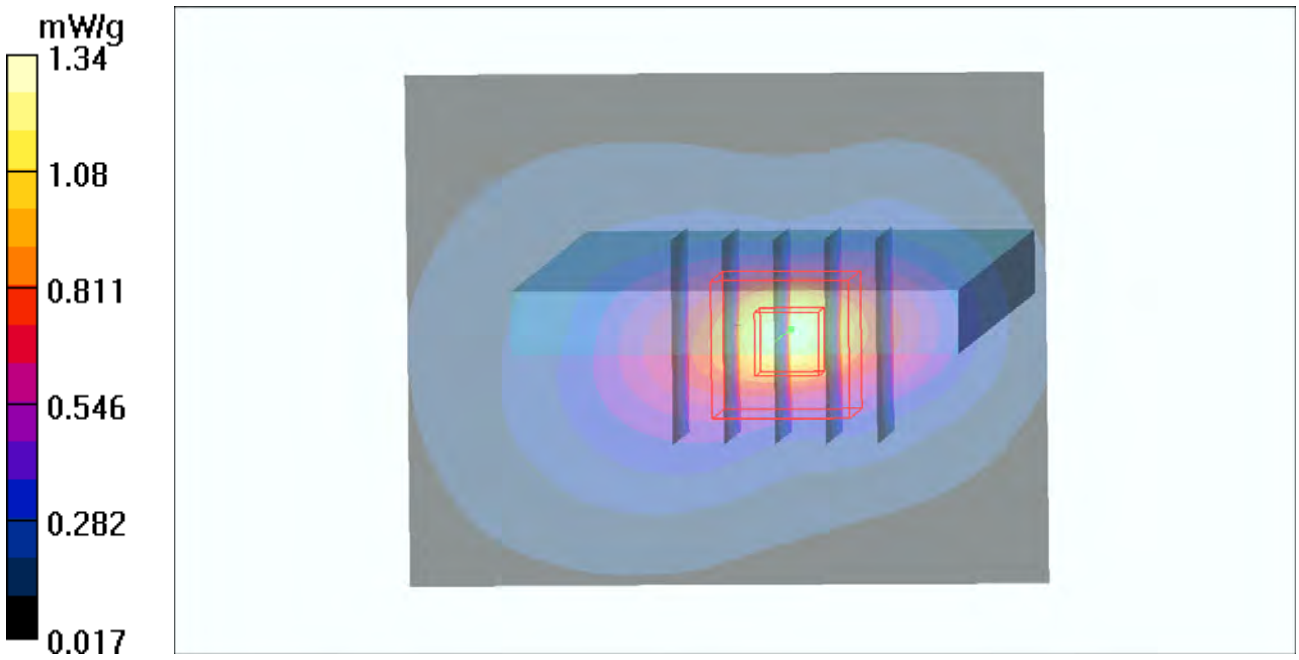
DUT: 126026C35

Communication System: WCDMA II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used : f = 1852.4 MHz; σ = 1.48 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (41x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.33 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.6 V/m; Power Drift = 0.079 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.957 mW/g; SAR(10 g) = 0.503 mW/g
Maximum value of SAR (measured) = 1.34 mW/g



P100 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9538

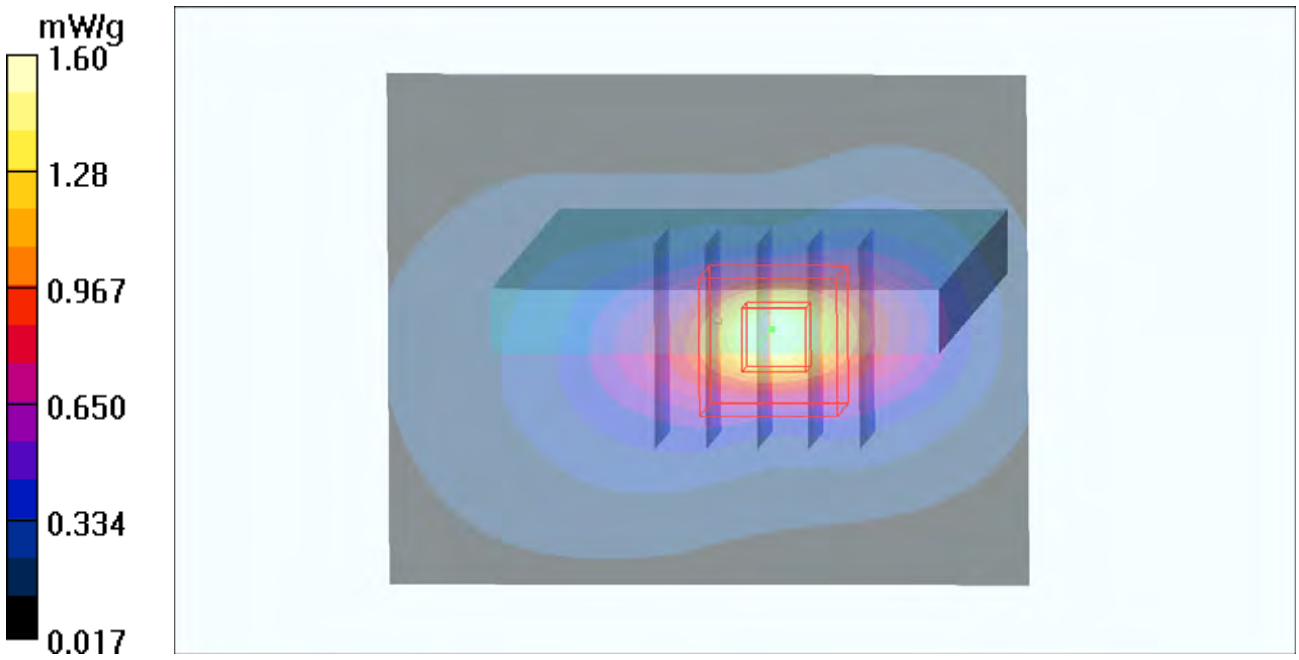
DUT: 126026C35

Communication System: WCDMA II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used: f = 1908 MHz; σ = 1.55 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (41x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.65 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.1 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.580 mW/g
Maximum value of SAR (measured) = 1.60 mW/g



P77 WCDMA II_RMC12.2K_Front Face_1cm_Ch9400_Earphone

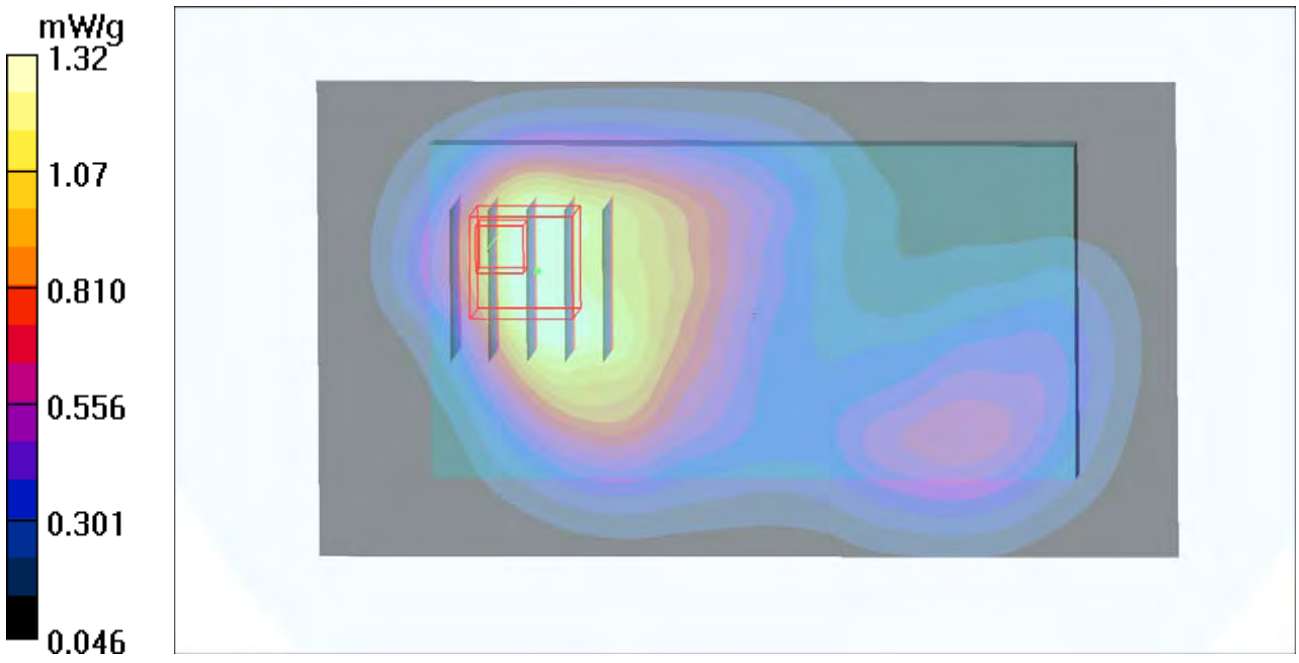
DUT: 126026C35

Communication System: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.45 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.7 V/m; Power Drift = 0.041 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.990 mW/g; SAR(10 g) = 0.602 mW/g
Maximum value of SAR (measured) = 1.32 mW/g



P78 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400_Earphone

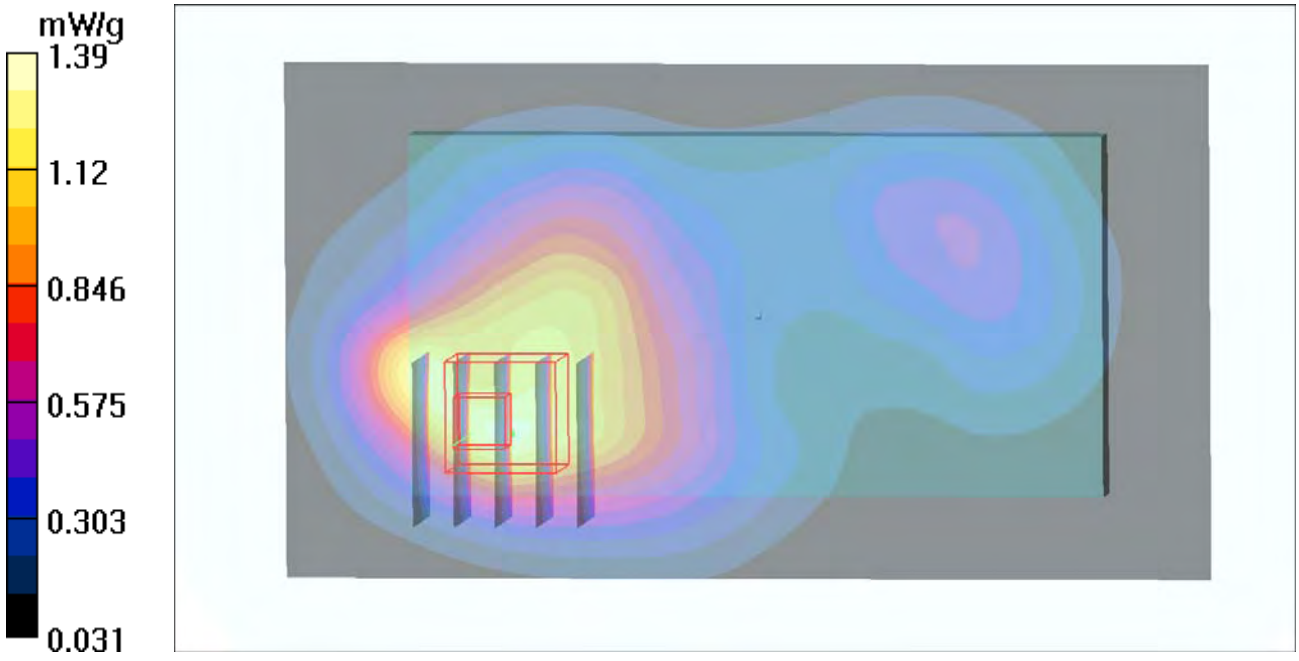
DUT: 126026C35

Communication System: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.34 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.617 mW/g
Maximum value of SAR (measured) = 1.39 mW/g



P111 WCDMA II_RMC12.2K_Front Face_1cm_Ch9262_Earphone

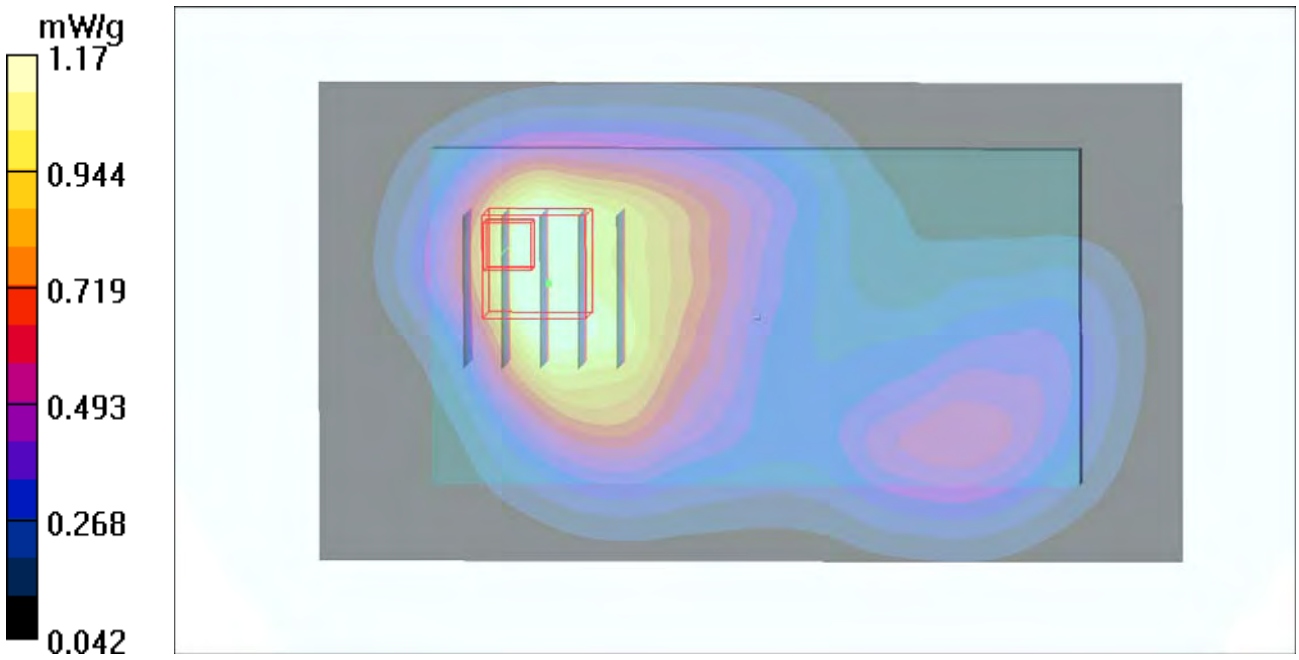
DUT: 126026C35

Communication System: WCDMA II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used : f = 1852.4 MHz; σ = 1.48 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.28 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.870 mW/g; SAR(10 g) = 0.539 mW/g
Maximum value of SAR (measured) = 1.17 mW/g



P112 WCDMA II_RMC12.2K_Front Face_1cm_Ch9538_Earphone

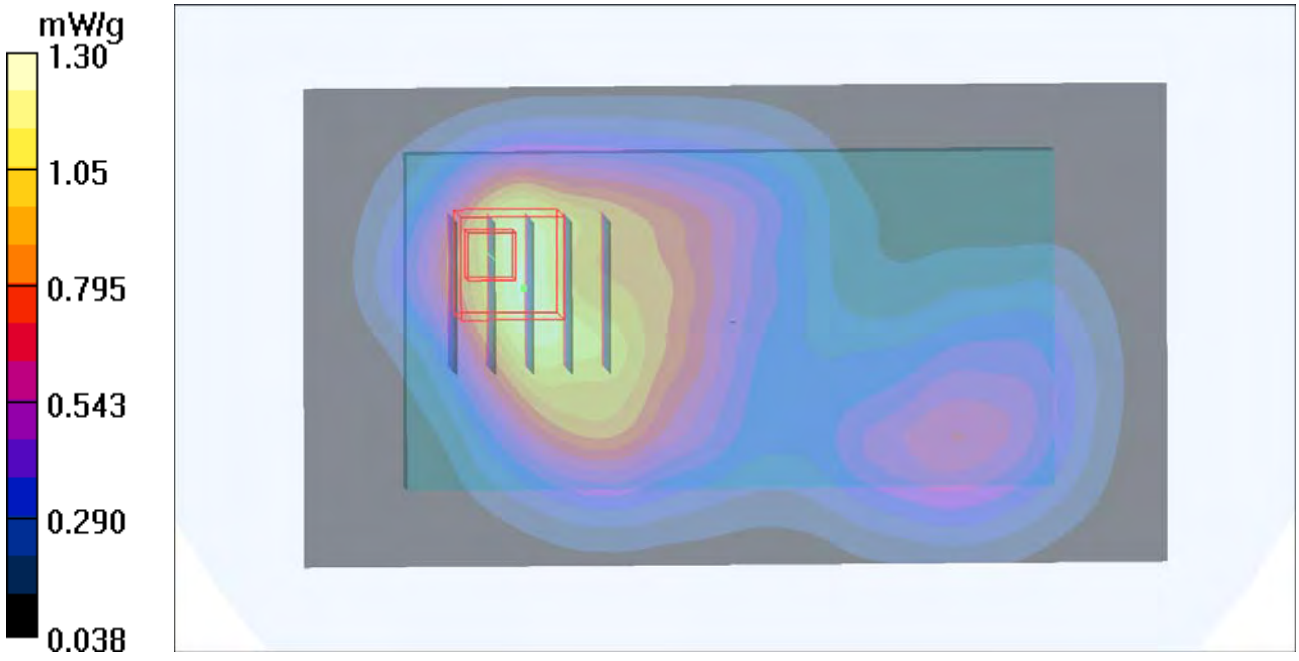
DUT: 126026C35

Communication System: WCDMA II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used: f = 1908 MHz; σ = 1.55 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.24 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.9 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.562 mW/g
Maximum value of SAR (measured) = 1.30 mW/g



P113 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262_Earphone

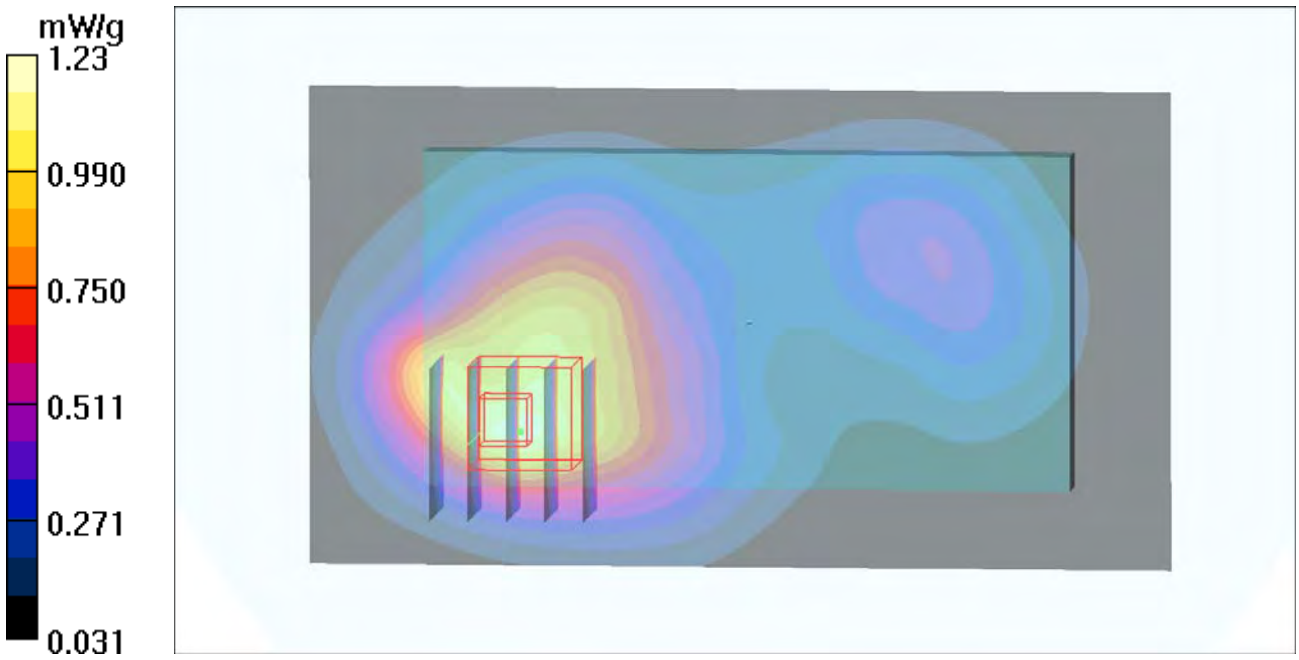
DUT: 126026C35

Communication System: WCDMA II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used : f = 1852.4 MHz; σ = 1.48 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.19 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.574 mW/g
Maximum value of SAR (measured) = 1.23 mW/g



P114 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9538_Earphone

DUT: 126026C35

Communication System: WCDMA II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: B1900_0706 Medium parameters used: f = 1908 MHz; σ = 1.55 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(8.07, 8.07, 8.07); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.19 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.8 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.973 mW/g; SAR(10 g) = 0.539 mW/g
Maximum value of SAR (measured) = 1.34 mW/g