#54 WCDMA II_RMC12.2K_Right Side_Ch9400

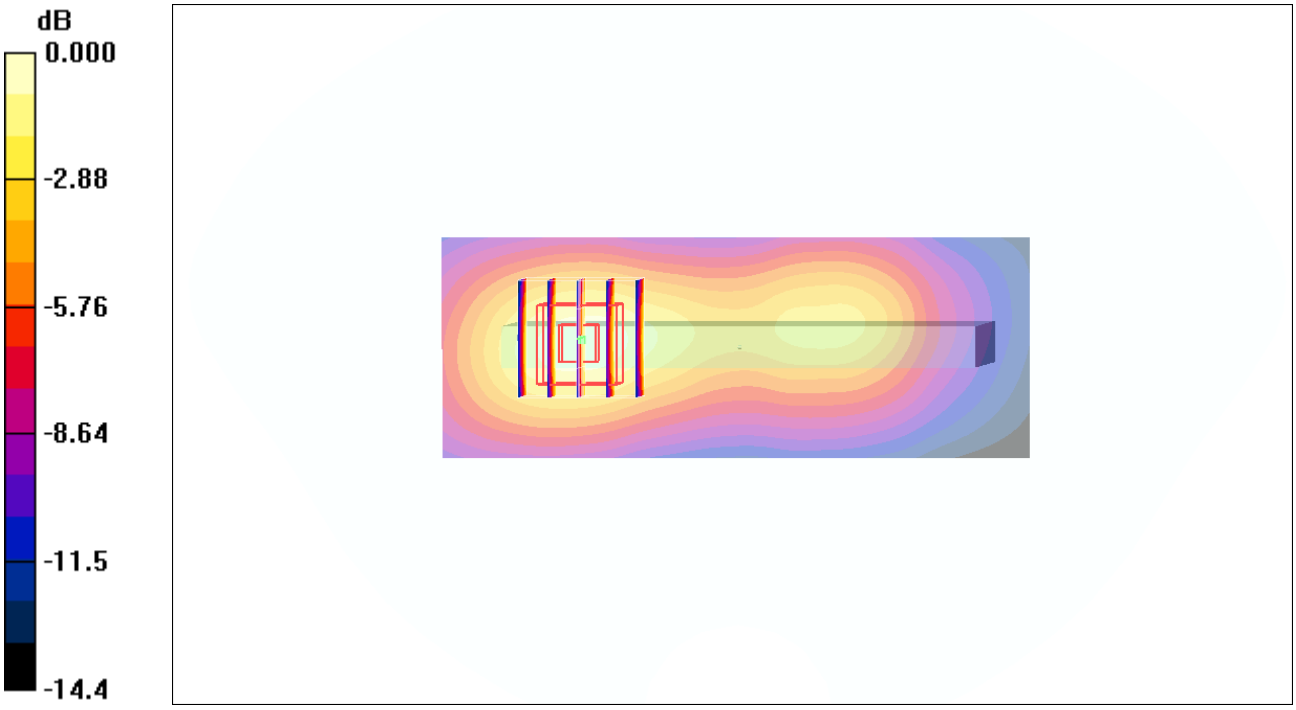
DUT: 142244-01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110601 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(7.13, 7.13, 7.13); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.701 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = -0.076 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.406 mW/g
Maximum value of SAR (measured) = 0.716 mW/g



0 dB = 0.716mW/g

#55 WCDMA II_RMC12.2K_Front Face_Ch9262

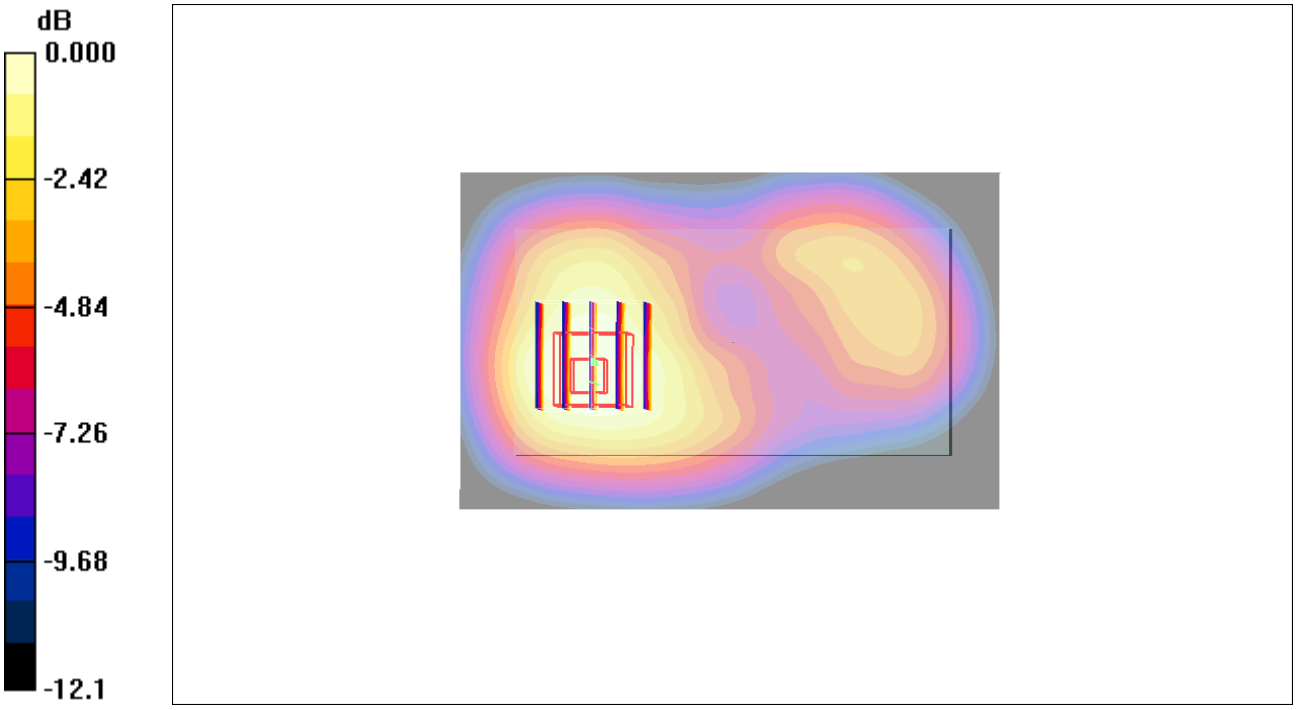
DUT: 142244-01

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110601 Medium parameters used: f = 1852.4 MHz; σ = 1.49 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(7.13, 7.13, 7.13); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.20 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.722 mW/g
Maximum value of SAR (measured) = 1.14 mW/g



0 dB = 1.14mW/g

#56 WCDMA II_RMC12.2K_Front Face_Ch9538

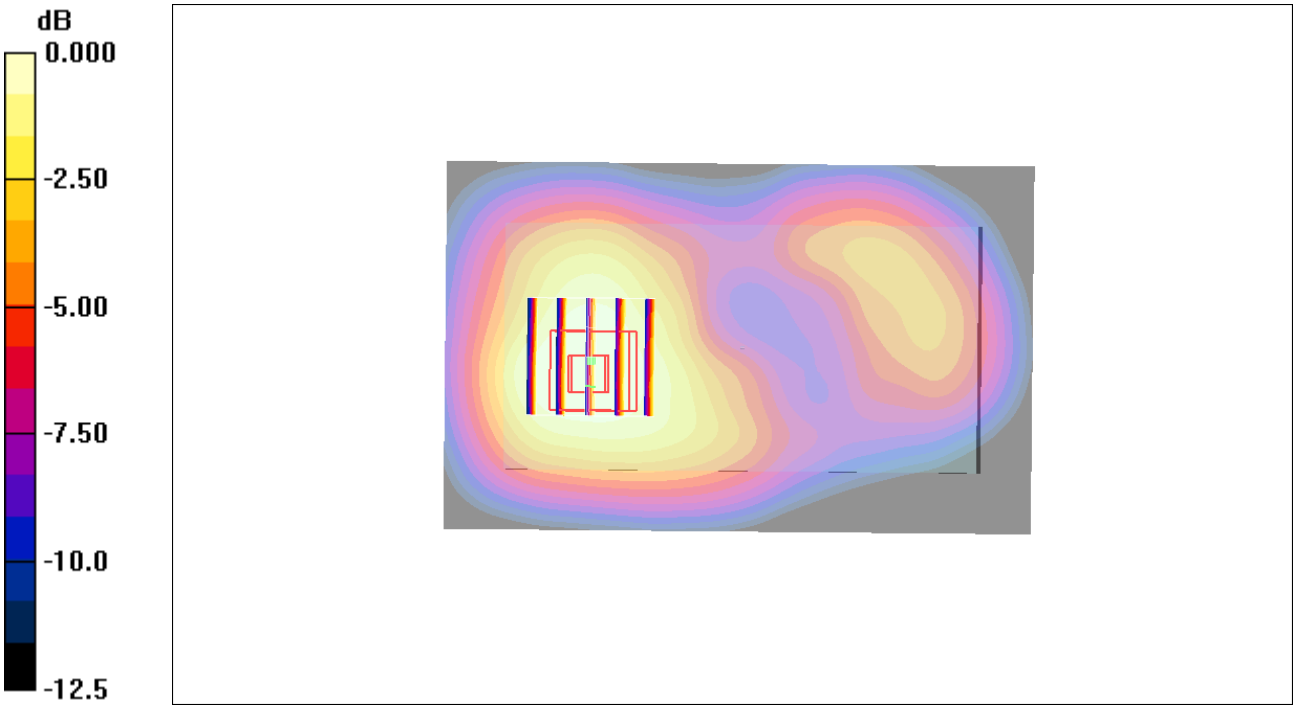
DUT: 142244-01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110601 Medium parameters used: f = 1908 MHz; σ = 1.54 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(7.13, 7.13, 7.13); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.13 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.685 mW/g
Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

#57 WCDMA II_RMC12.2K_Rear Face_Ch9262

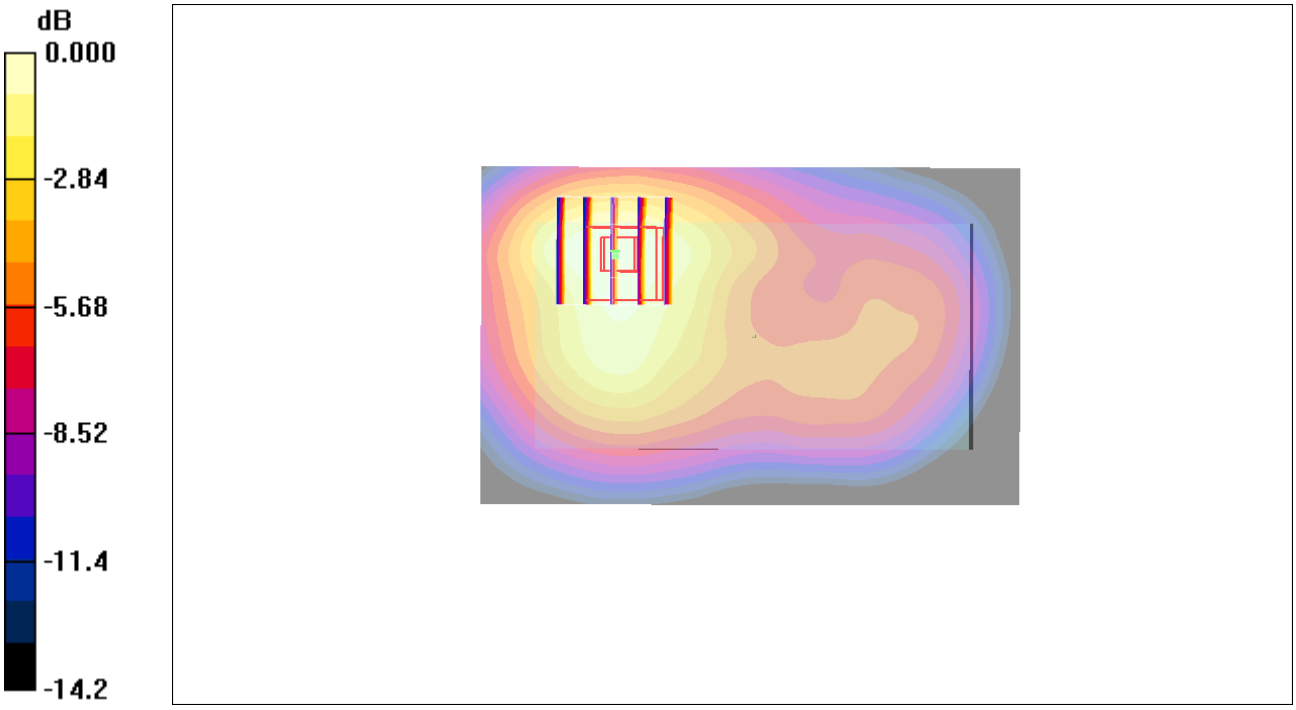
DUT: 142244-01

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110601 Medium parameters used: f = 1852.4 MHz; σ = 1.49 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(7.13, 7.13, 7.13); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9626/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.961 mW/g

Ch9626/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.6 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.527 mW/g
Maximum value of SAR (measured) = 0.888 mW/g



0 dB = 0.888mW/g

#58 WCDMA II_RMC12.2K_Rear Face_Ch9538

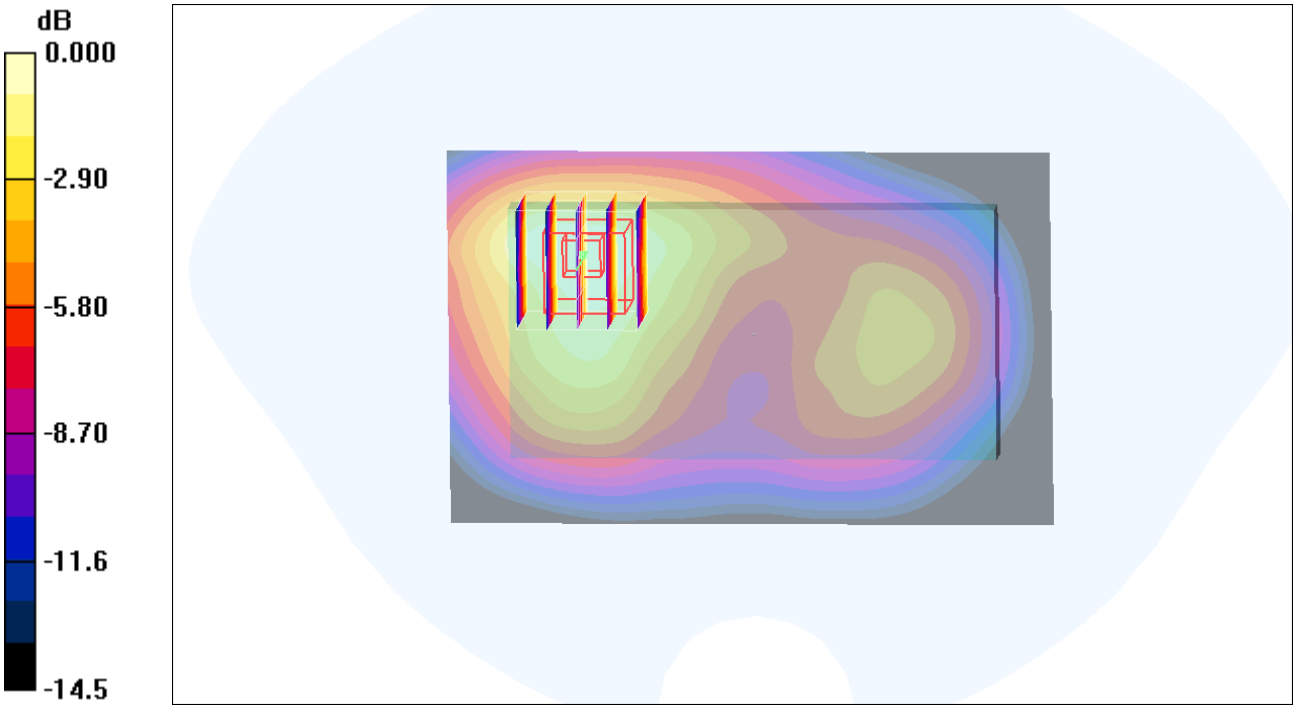
DUT: 142244-01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110601 Medium parameters used: f = 1908 MHz; σ = 1.54 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(7.13, 7.13, 7.13); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.926 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.69 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.837 mW/g; SAR(10 g) = 0.533 mW/g
Maximum value of SAR (measured) = 0.912 mW/g



0 dB = 0.912mW/g

#62 WCDMA II_RMC12.2K_Front Face_Ch9400_Earphone

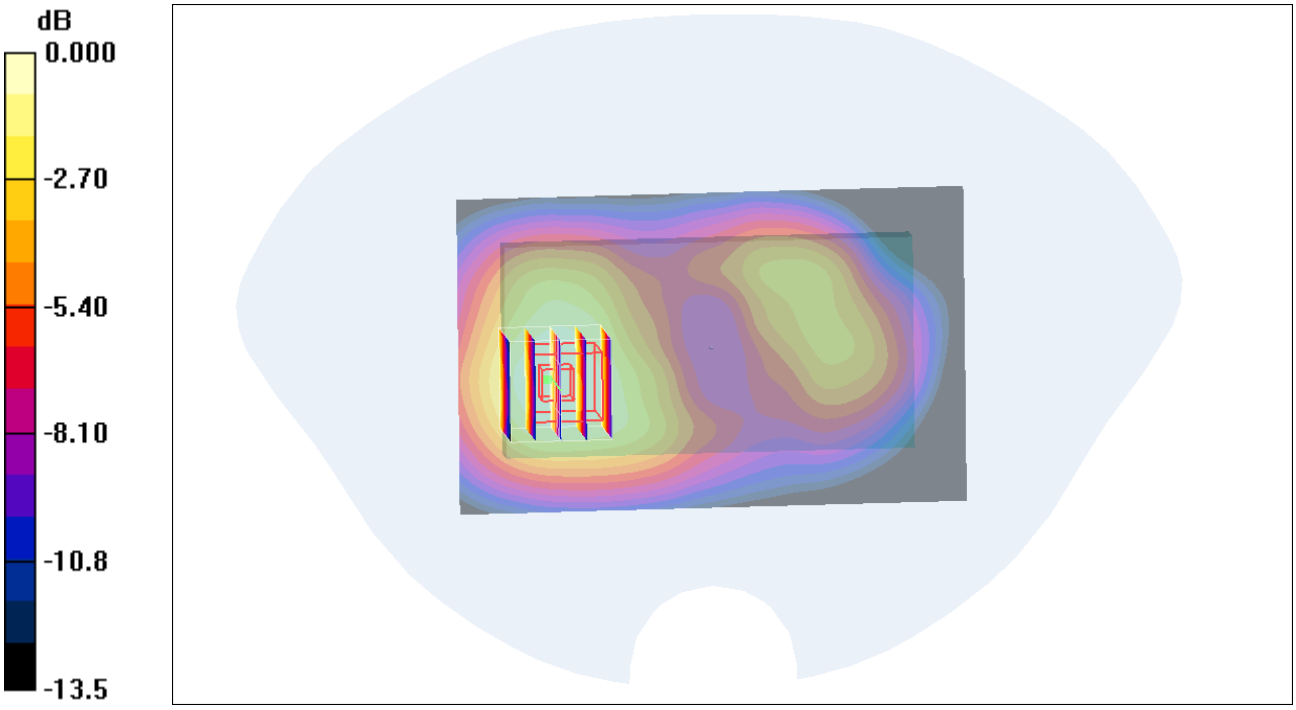
DUT: 142244-01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110601 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(7.13, 7.13, 7.13); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9400/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.57 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.690 mW/g
Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11mW/g

#63 WCDMA II_RMC12.2K_Front Face_Ch9262_Earphone

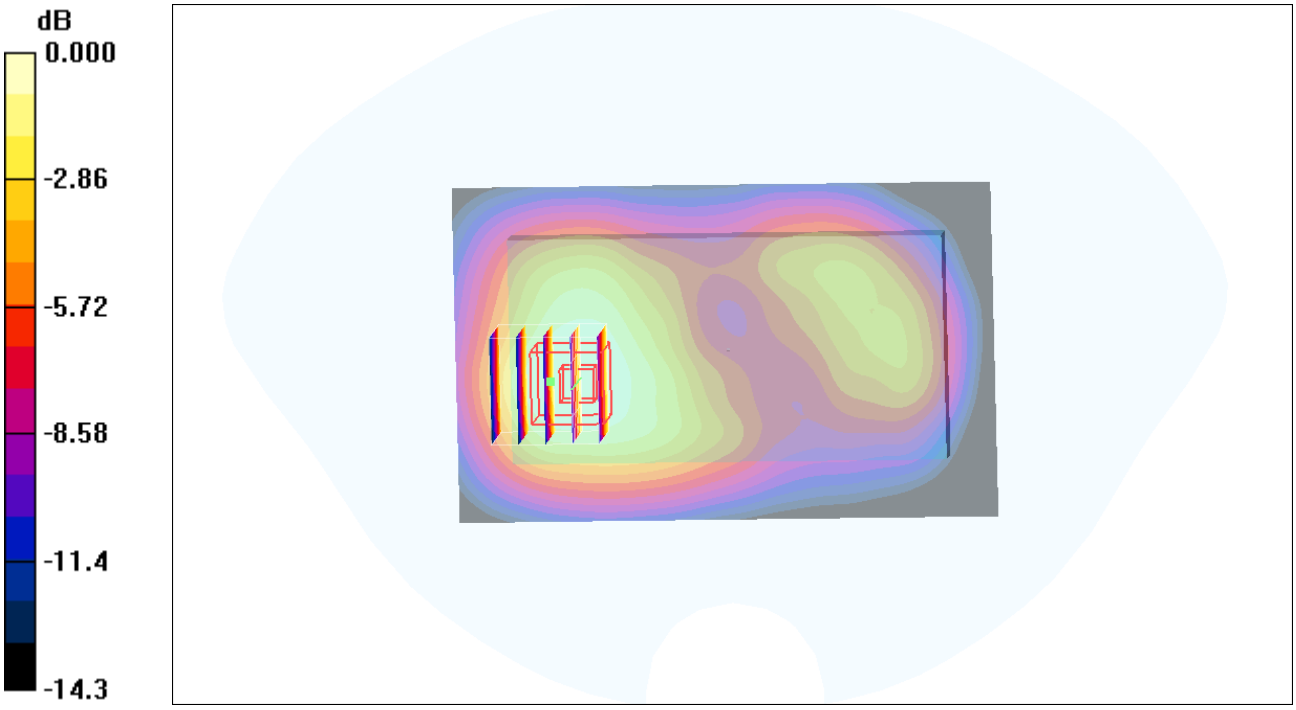
DUT: 142244-01

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110601 Medium parameters used : f = 1852.4 MHz; σ = 1.49 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(7.13, 7.13, 7.13); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9262/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 1 mW/g; SAR(10 g) = 0.660 mW/g
Maximum value of SAR (measured) = 1.07 mW/g



0 dB = 1.07mW/g

#64 WCDMA II_RMC12.2K_Front Face_Ch9538_Earphone

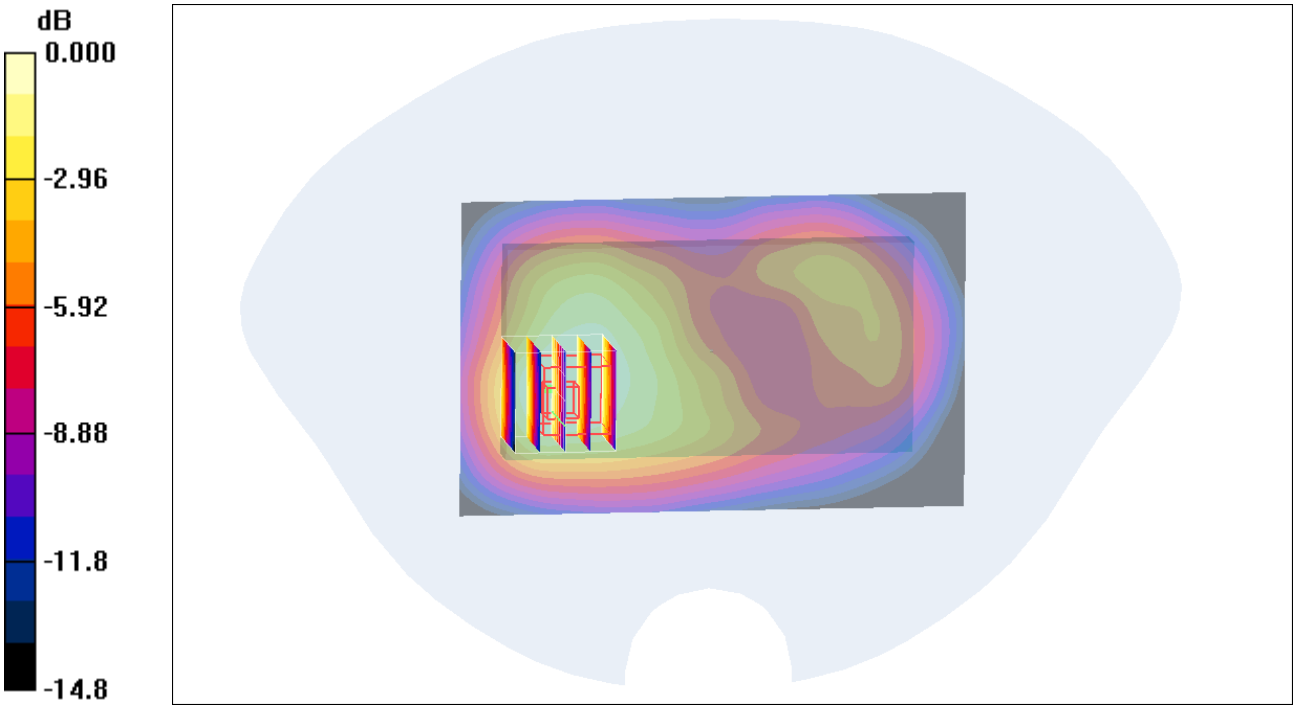
DUT: 142244-01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110601 Medium parameters used: f = 1908 MHz; σ = 1.54 mho/m; ε_r = 52.5; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3731; ConvF(7.13, 7.13, 7.13); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch9538/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.15 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.605 mW/g
Maximum value of SAR (measured) = 0.987 mW/g



0 dB = 0.987mW/g

#65 LTE Band4_QPSK(25-13)_Right Cheek_Ch20175_10M

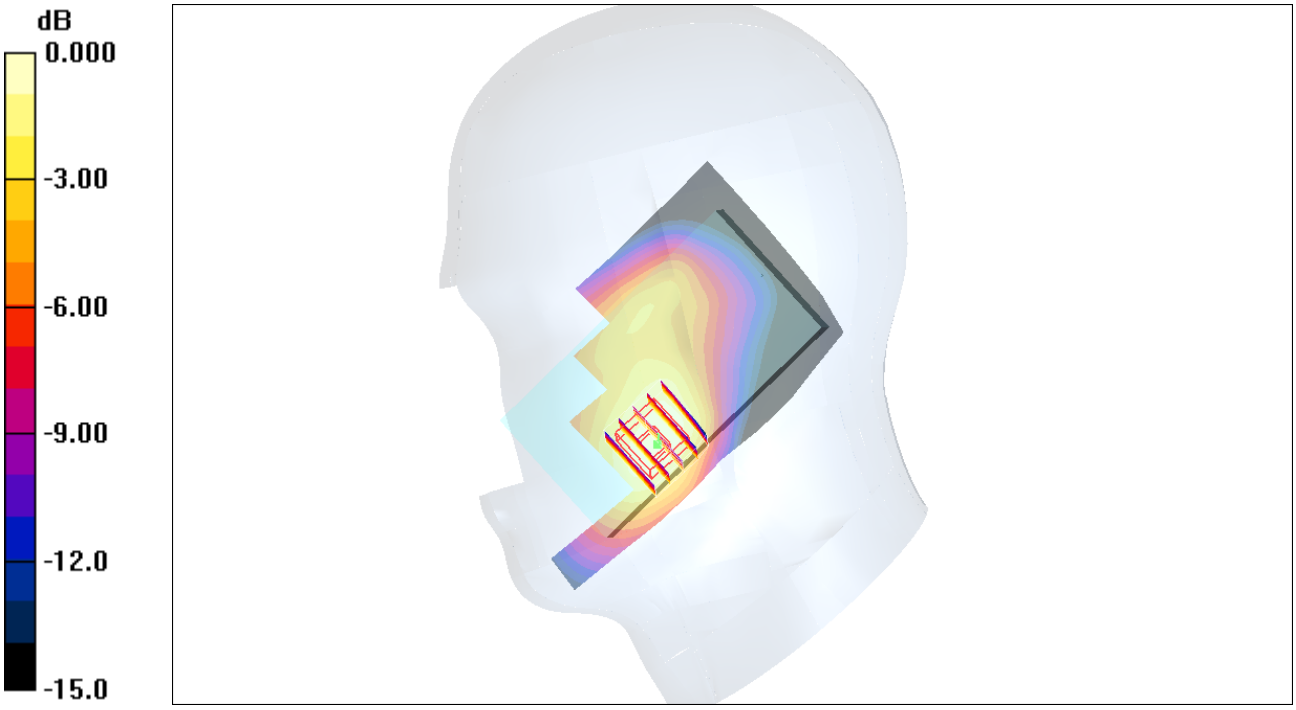
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110601 Medium parameters used: f = 1732.5 MHz; σ = 1.36 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.781 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.17 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.484 mW/g
Maximum value of SAR (measured) = 0.786 mW/g



0 dB = 0.786mW/g

#65 LTE Band4_QPSK(25-13)_Right Cheek_Ch20175_10M_2D

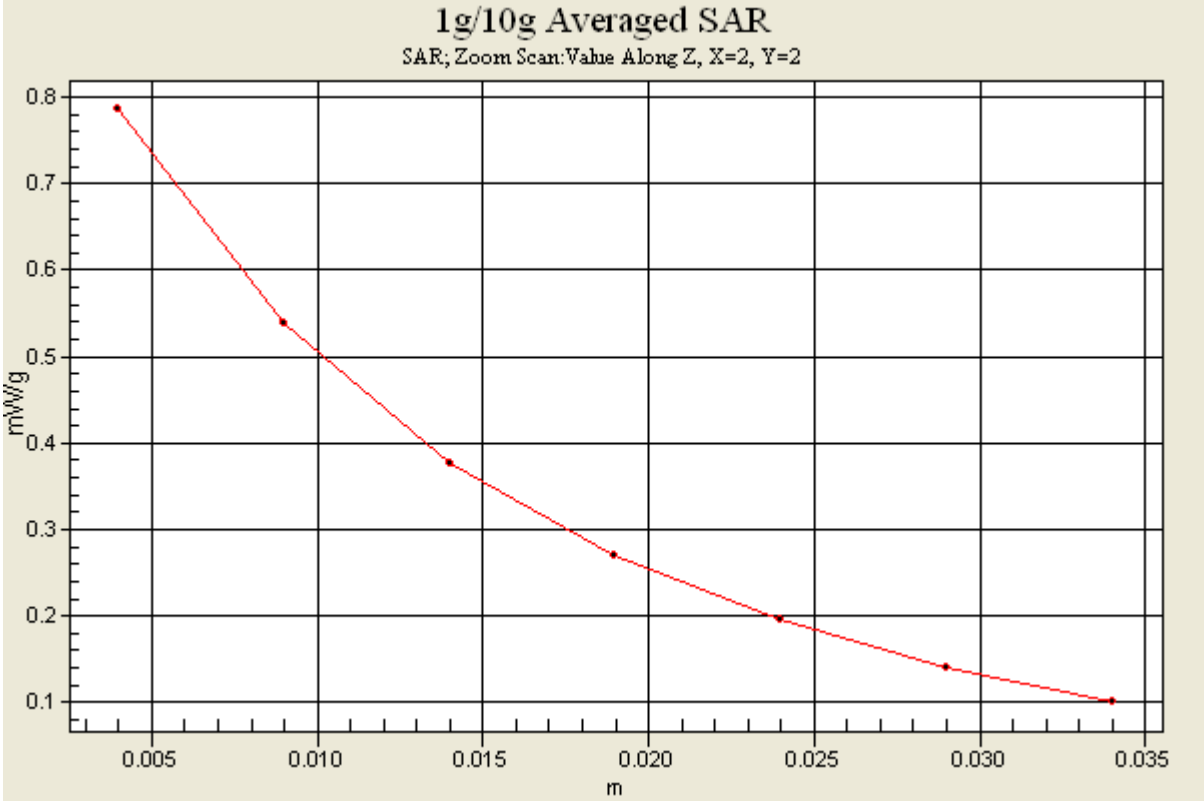
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110601 Medium parameters used: f = 1732.5 MHz; σ = 1.36 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.781 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.17 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.484 mW/g
Maximum value of SAR (measured) = 0.786 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
mW/g
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#93 LTE Band4_QPSK(1-0)_Right Cheek_Ch20175_10M

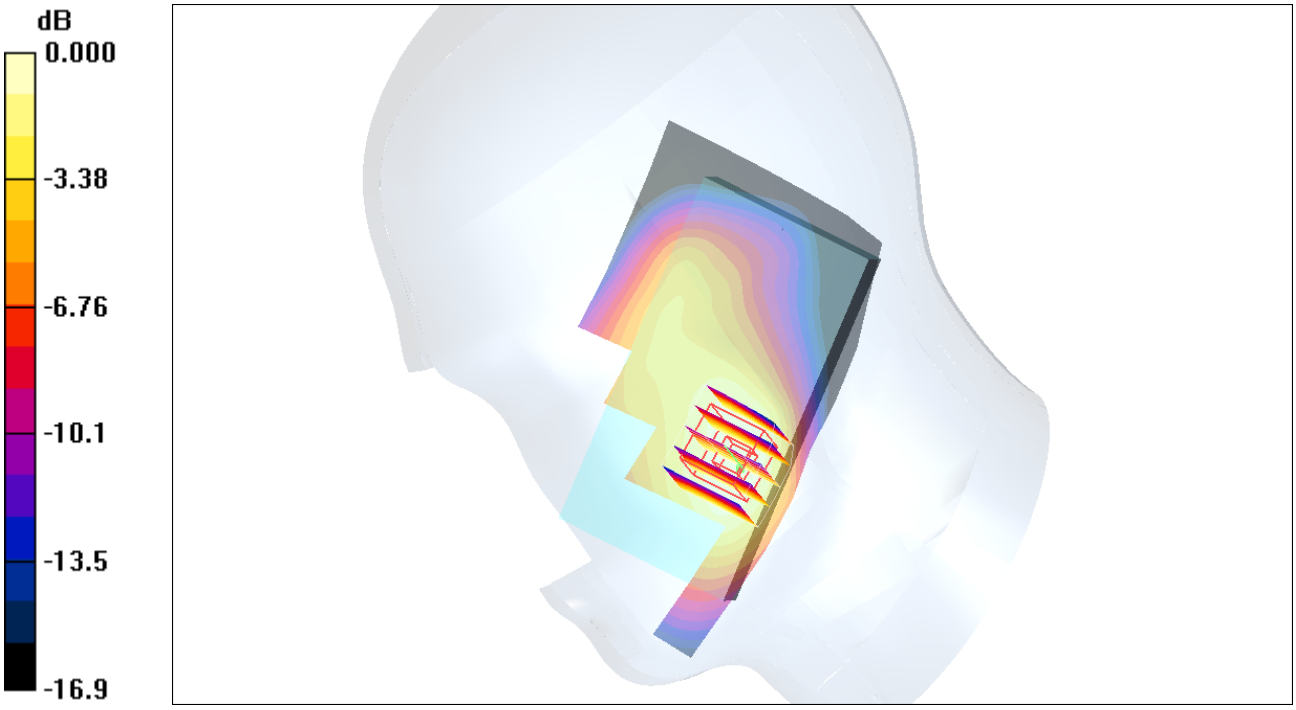
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.751 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.95 V/m; Power Drift = 0.174 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.436 mW/g
Maximum value of SAR (measured) = 0.721 mW/g



0 dB = 0.721mW/g

#94 LTE Band4_QPSK(1-49)_Right Cheek_Ch20175_10M

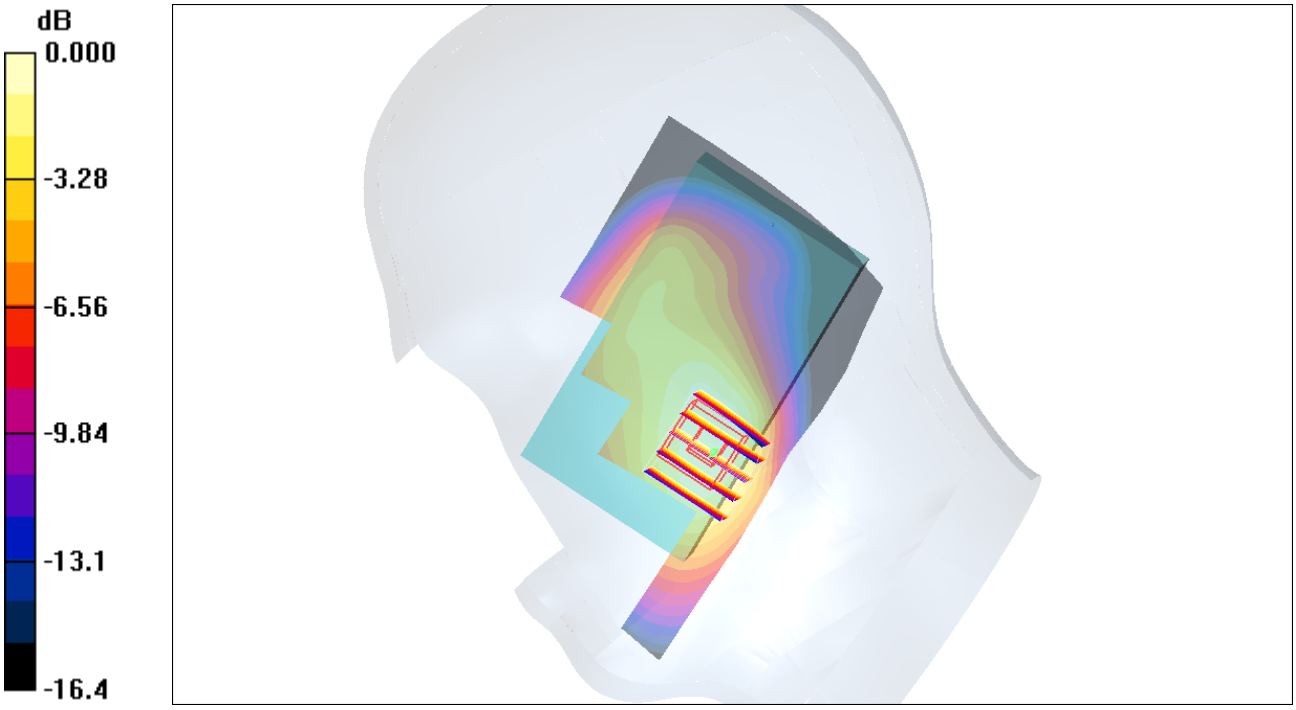
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.752 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.16 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.690 mW/g; SAR(10 g) = 0.439 mW/g
Maximum value of SAR (measured) = 0.727 mW/g



0 dB = 0.727mW/g

#66 LTE Band4_QPSK(25-13)_Right Tilted_Ch20175_10M

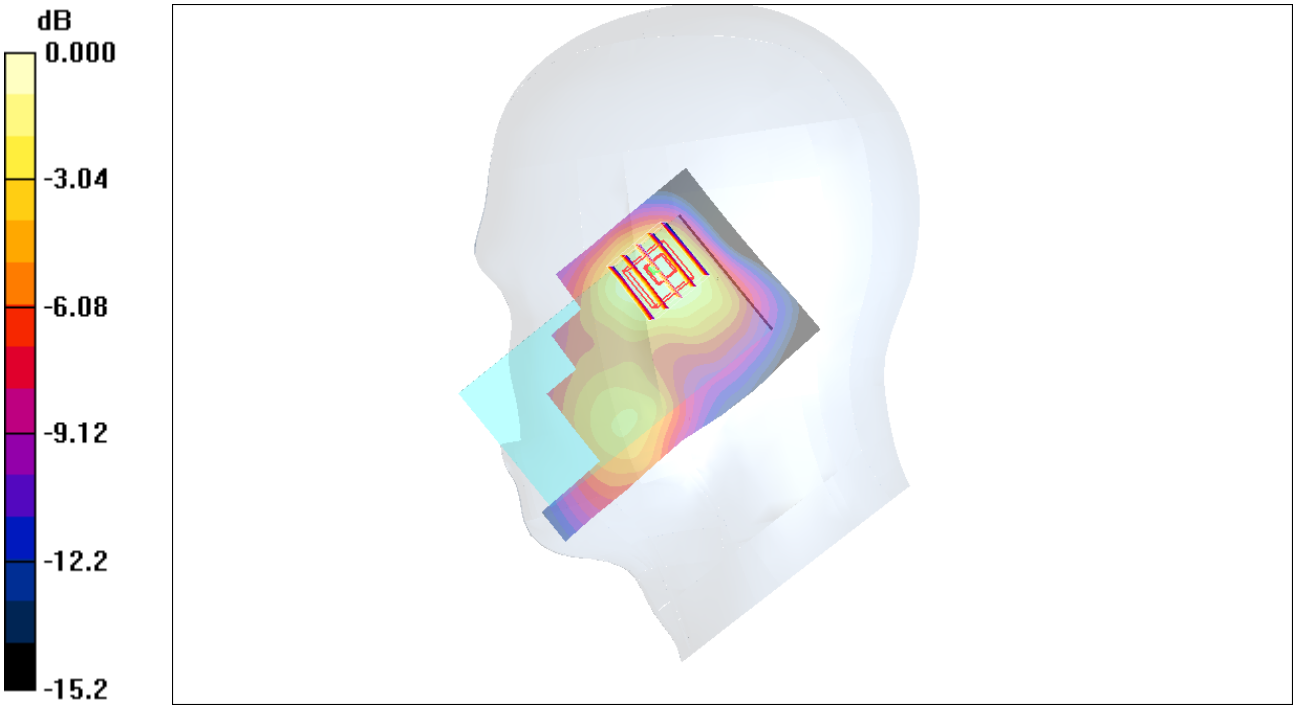
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110601 Medium parameters used: f = 1732.5 MHz; σ = 1.36 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.331 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.80 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 0.392 W/kg
SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.186 mW/g
Maximum value of SAR (measured) = 0.297 mW/g



0 dB = 0.297mW/g

#95 LTE Band4_QPSK(1-0)_Right Tilted_Ch20175_10M

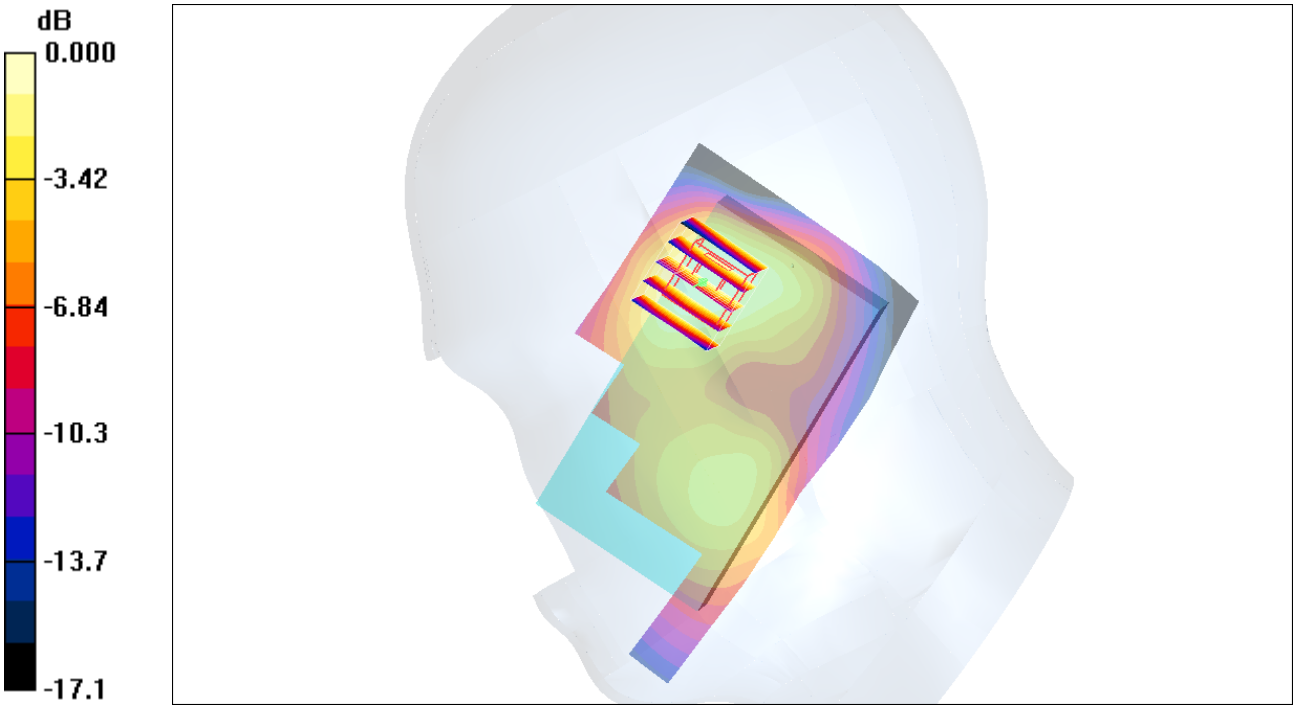
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.306 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.169 mW/g
Maximum value of SAR (measured) = 0.287 mW/g



0 dB = 0.287mW/g

#96 LTE Band4_QPSK(1-49)_Right Tilted_Ch20175_10M

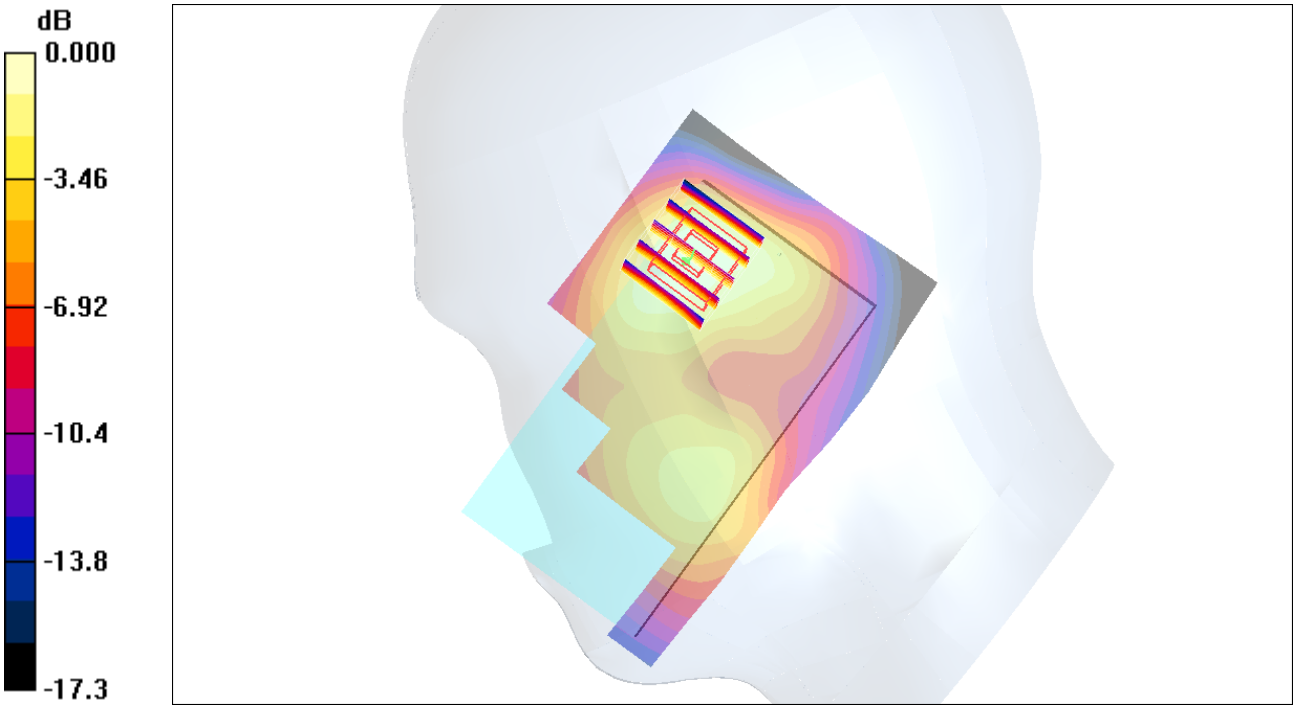
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.315 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = 0.057 dB
Peak SAR (extrapolated) = 0.411 W/kg
SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.295 mW/g



0 dB = 0.295mW/g

#67 LTE Band4_QPSK(25-13)_Left Cheek_Ch20175_10M

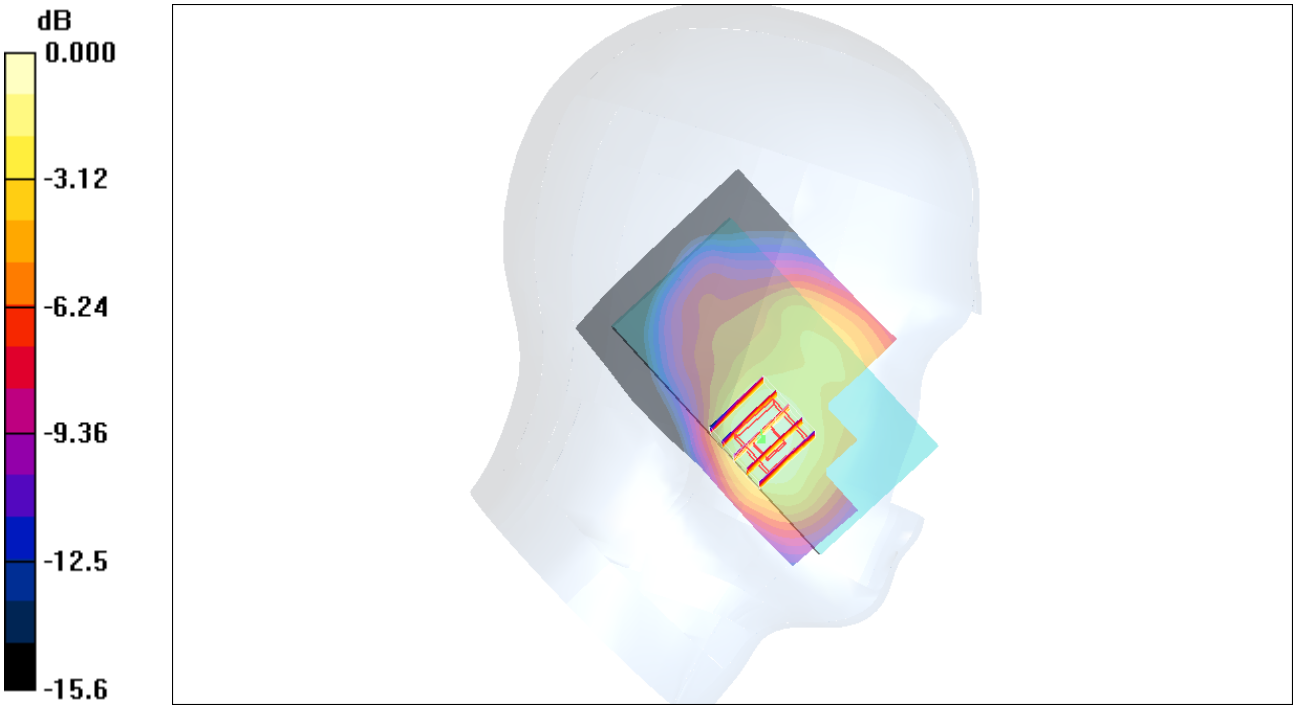
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110601 Medium parameters used: f = 1732.5 MHz; σ = 1.36 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.575 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.04 V/m; Power Drift = 0.032 dB
Peak SAR (extrapolated) = 0.802 W/kg
SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.374 mW/g
Maximum value of SAR (measured) = 0.603 mW/g



0 dB = 0.603mW/g

#97 LTE Band4_QPSK(1-0)_Left Cheek_Ch20175_10M

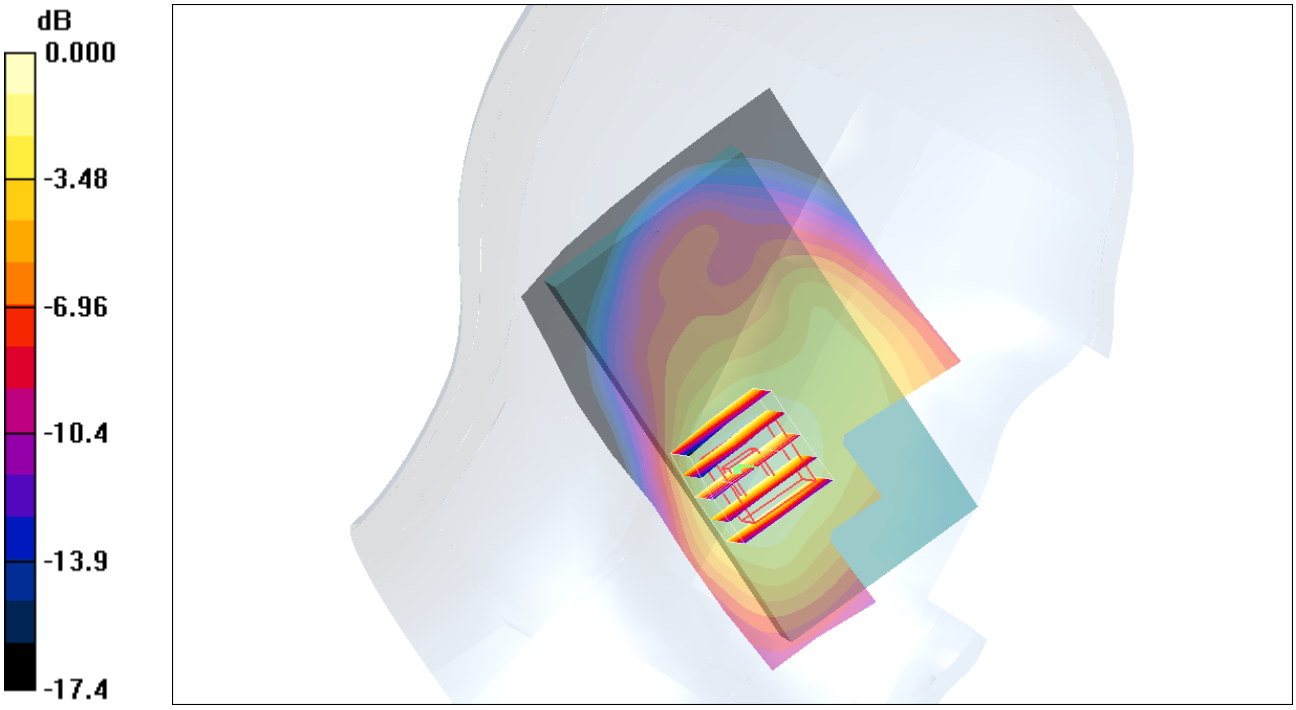
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.634 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.07 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 0.897 W/kg
SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.384 mW/g
Maximum value of SAR (measured) = 0.635 mW/g



0 dB = 0.635mW/g

#98 LTE Band4_QPSK(1-49)_Left Cheek_Ch20175_10M

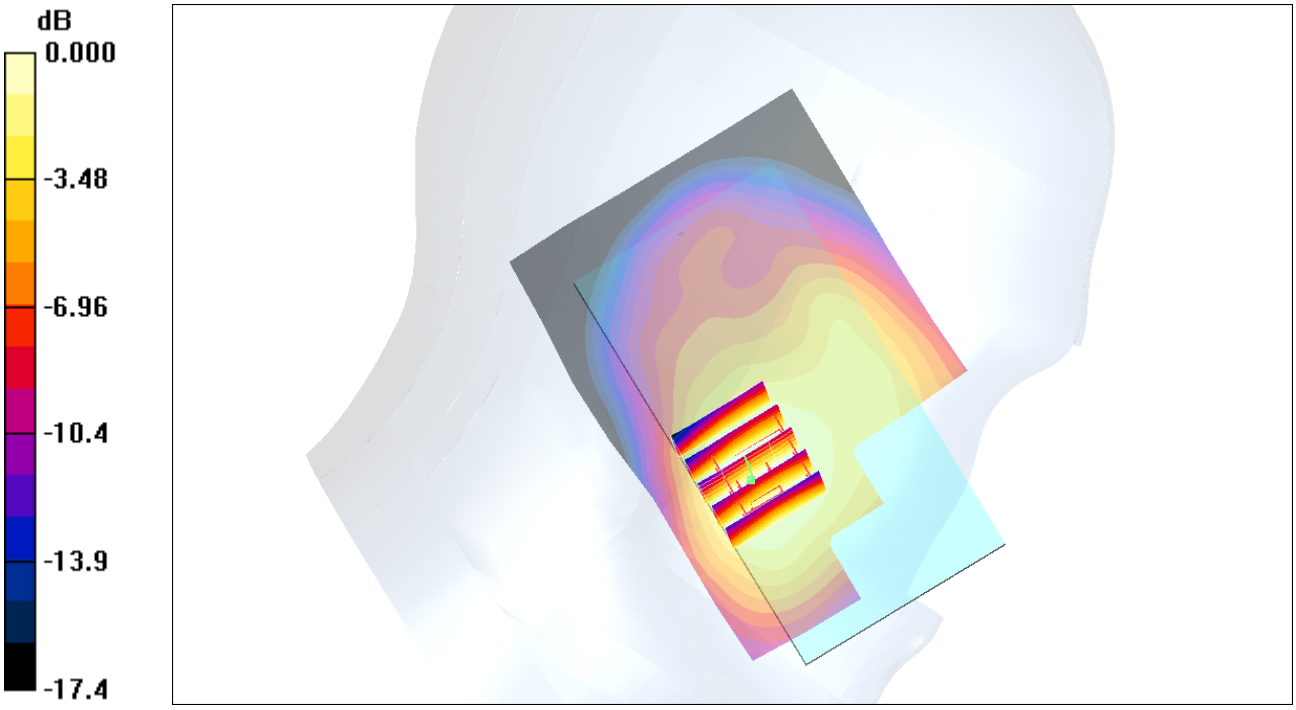
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.641 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.02 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 0.919 W/kg
SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.390 mW/g
Maximum value of SAR (measured) = 0.650 mW/g



0 dB = 0.650mW/g

#68 LTE Band4_QPSK(25-13)_Left Tilted_Ch20175_10M

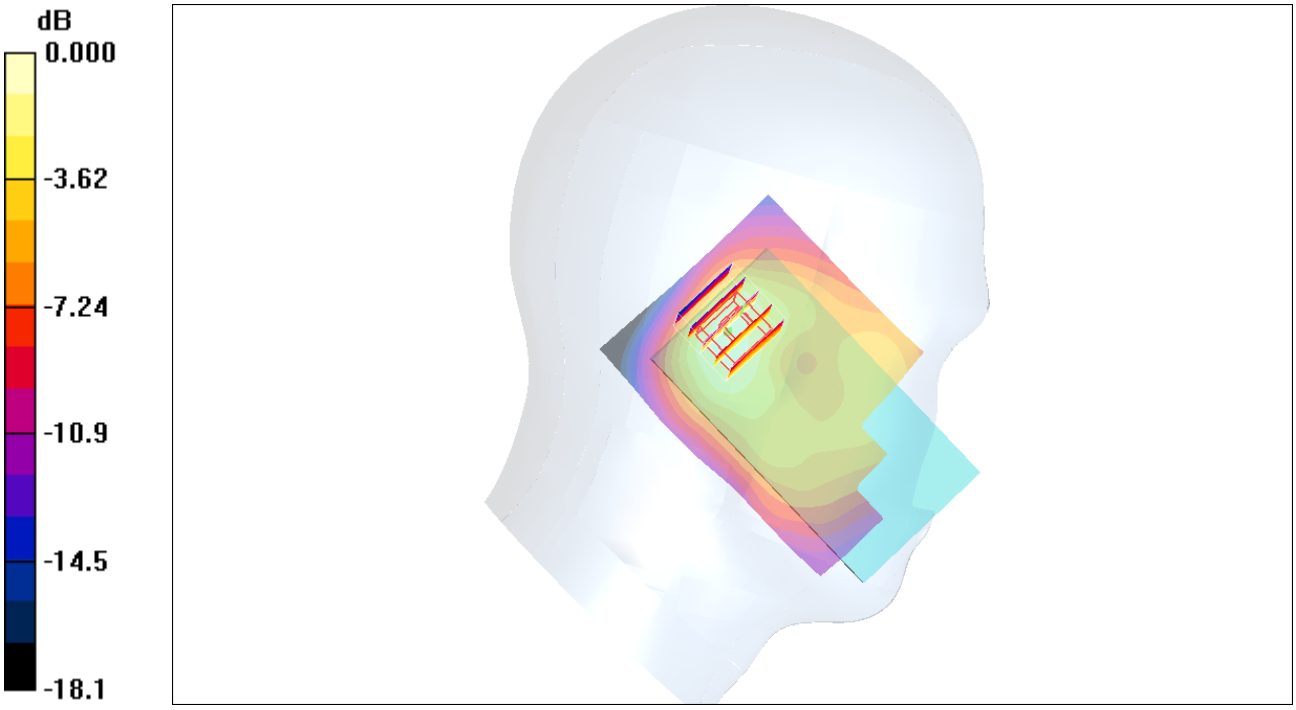
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110601 Medium parameters used: f = 1732.5 MHz; σ = 1.36 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.213 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = 0.077 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.134 mW/g
Maximum value of SAR (measured) = 0.231 mW/g



0 dB = 0.231mW/g

#99 LTE Band4_QPSK(1-0)_Left Tilted_Ch20175_10M

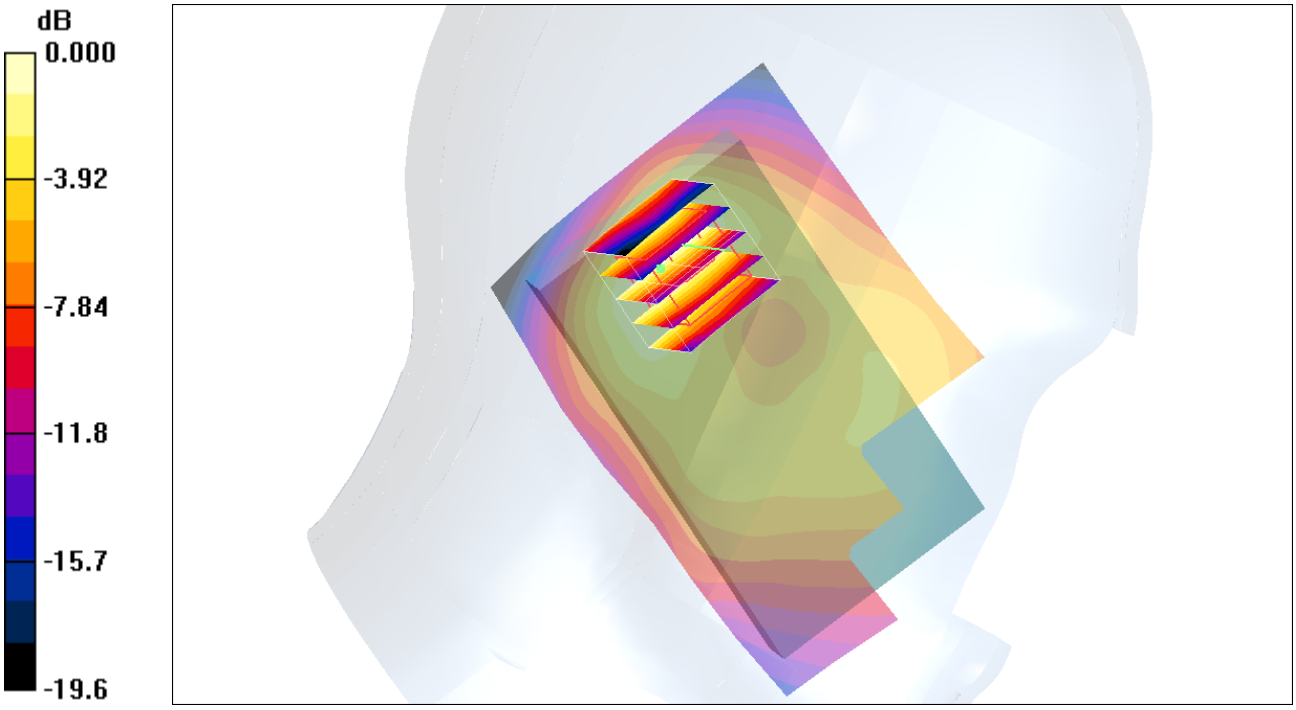
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.195 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = 0.085 dB
Peak SAR (extrapolated) = 0.303 W/kg
SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.208 mW/g



0 dB = 0.208mW/g

#100 LTE Band4_QPSK(1-49)_Left Tilted_Ch20175_10M

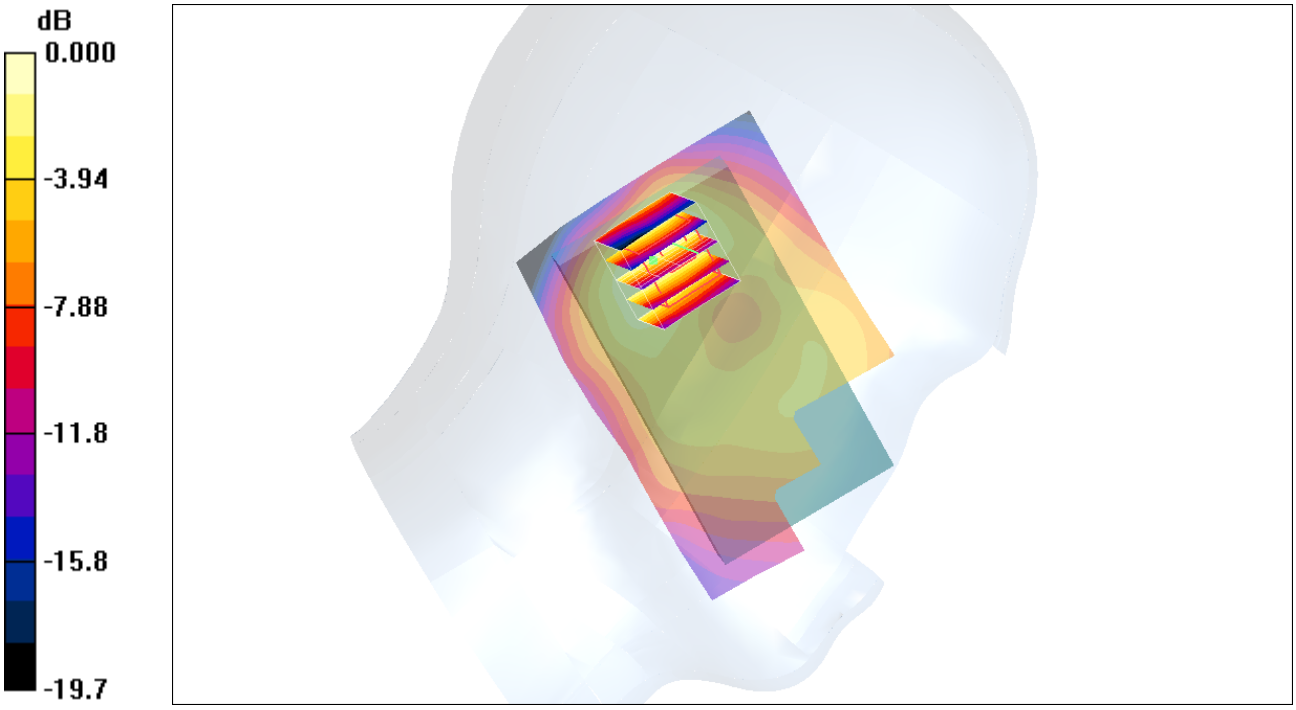
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.192 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = 0.118 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.212 mW/g



0 dB = 0.212mW/g

#101 LTE Band4_16QAM(25-13)_Right Cheek_Ch20175_10M

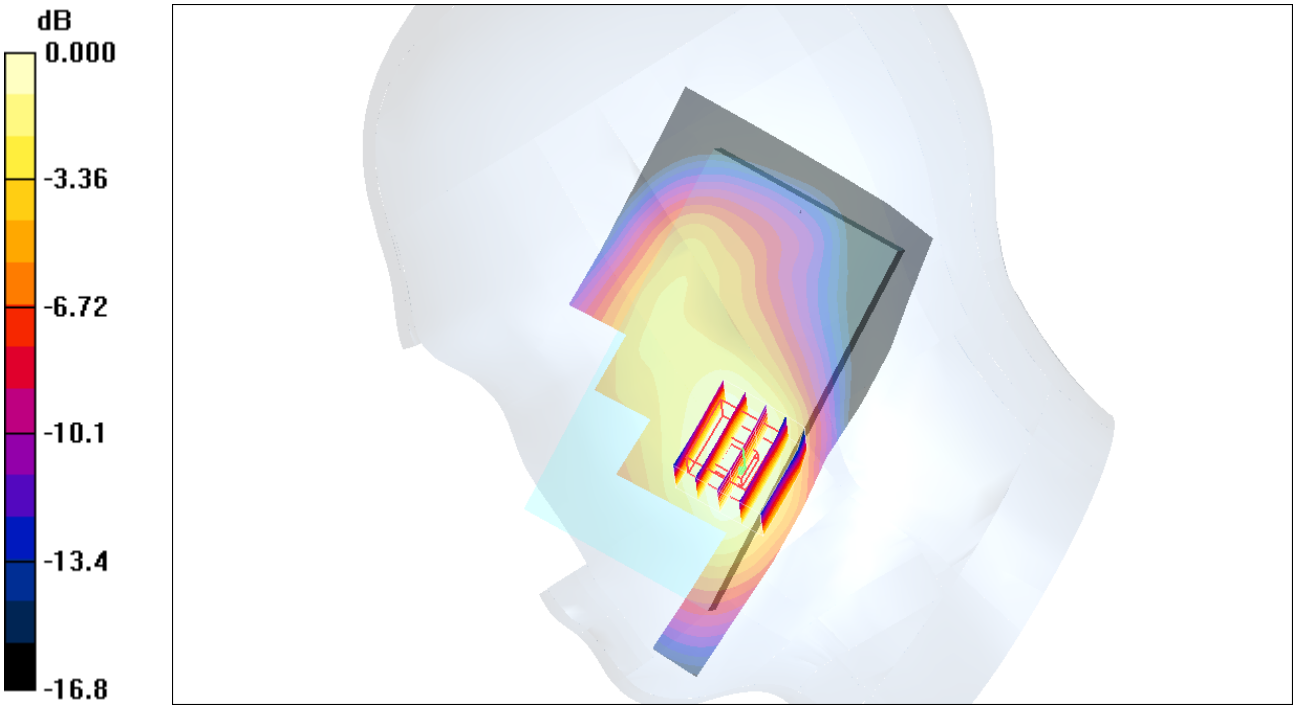
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.734 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.03 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.431 mW/g
Maximum value of SAR (measured) = 0.716 mW/g



0 dB = 0.716mW/g

#102 LTE Band4_16QAM(1-0)_Right Cheek_Ch20175_10M

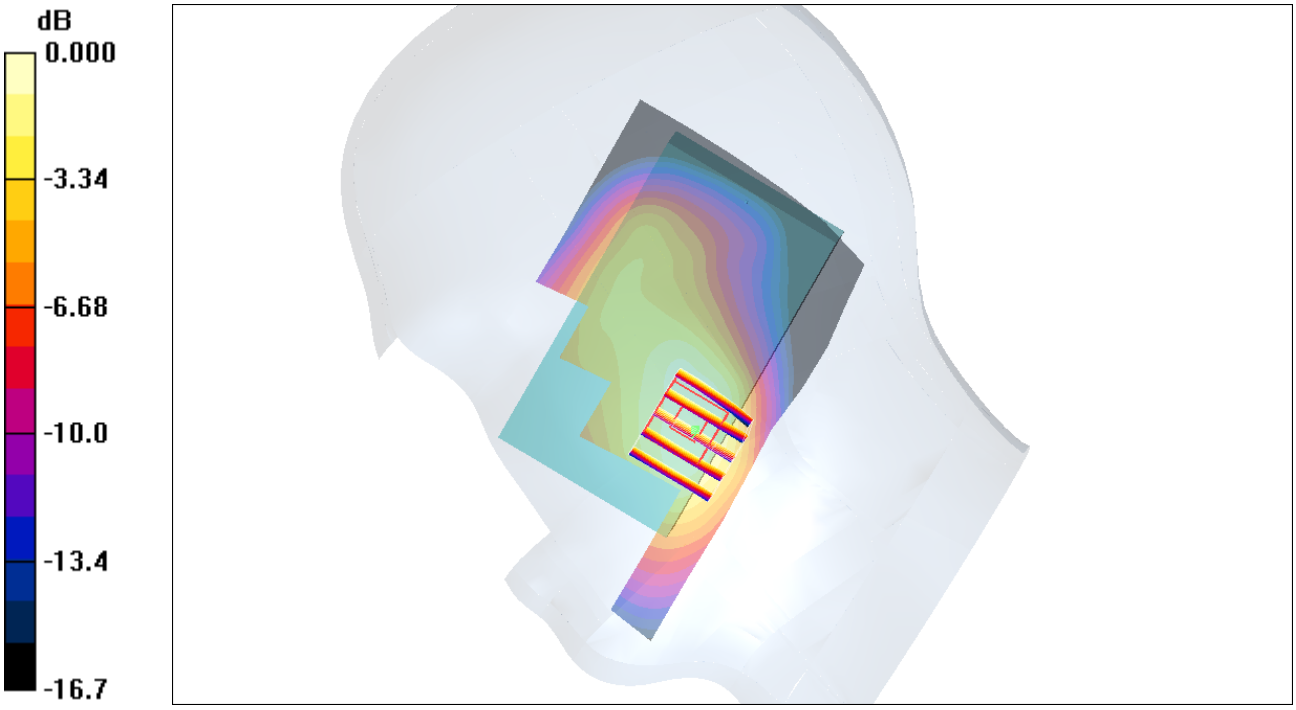
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.745 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.19 V/m; Power Drift = 0.020 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.437 mW/g
Maximum value of SAR (measured) = 0.724 mW/g



0 dB = 0.724mW/g

#103 LTE Band4_16QAM(1-49)_Right Cheek_Ch20175_10M

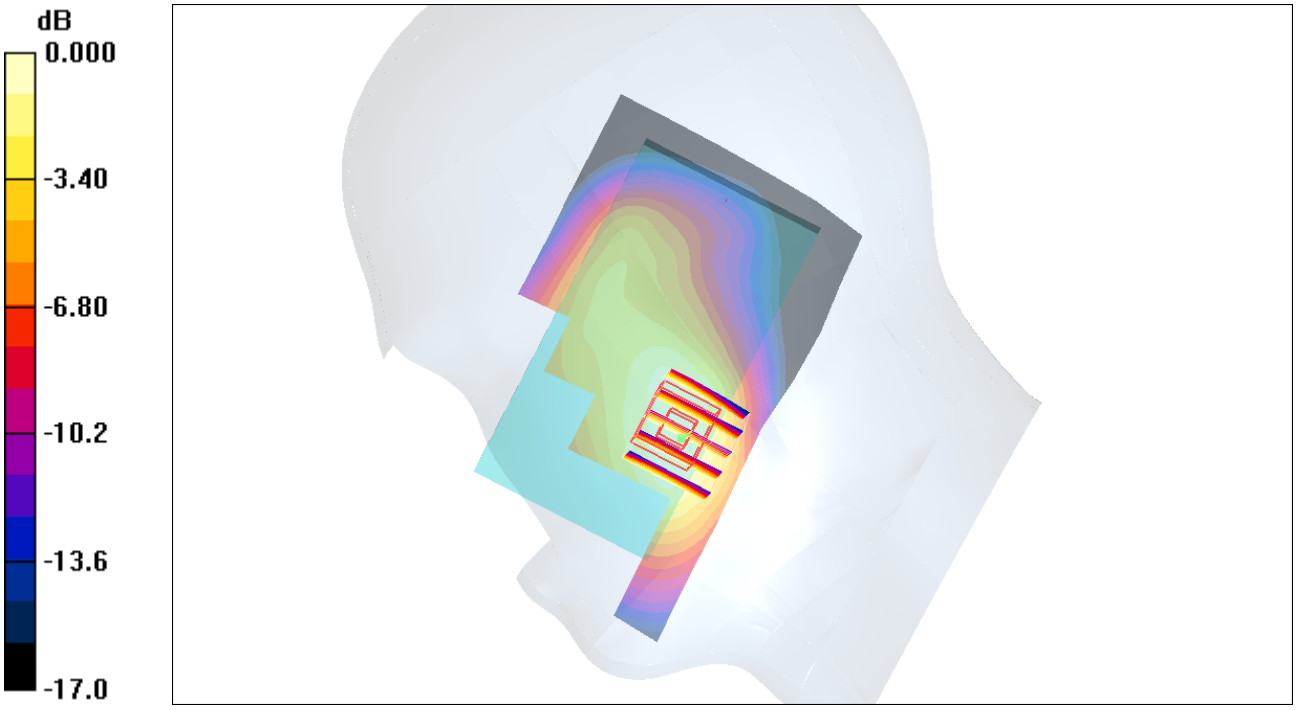
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.748 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.21 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.441 mW/g
Maximum value of SAR (measured) = 0.730 mW/g



0 dB = 0.730mW/g

#103 LTE Band4_16QAM(1-49)_Right Cheek_Ch20175_10M_2D

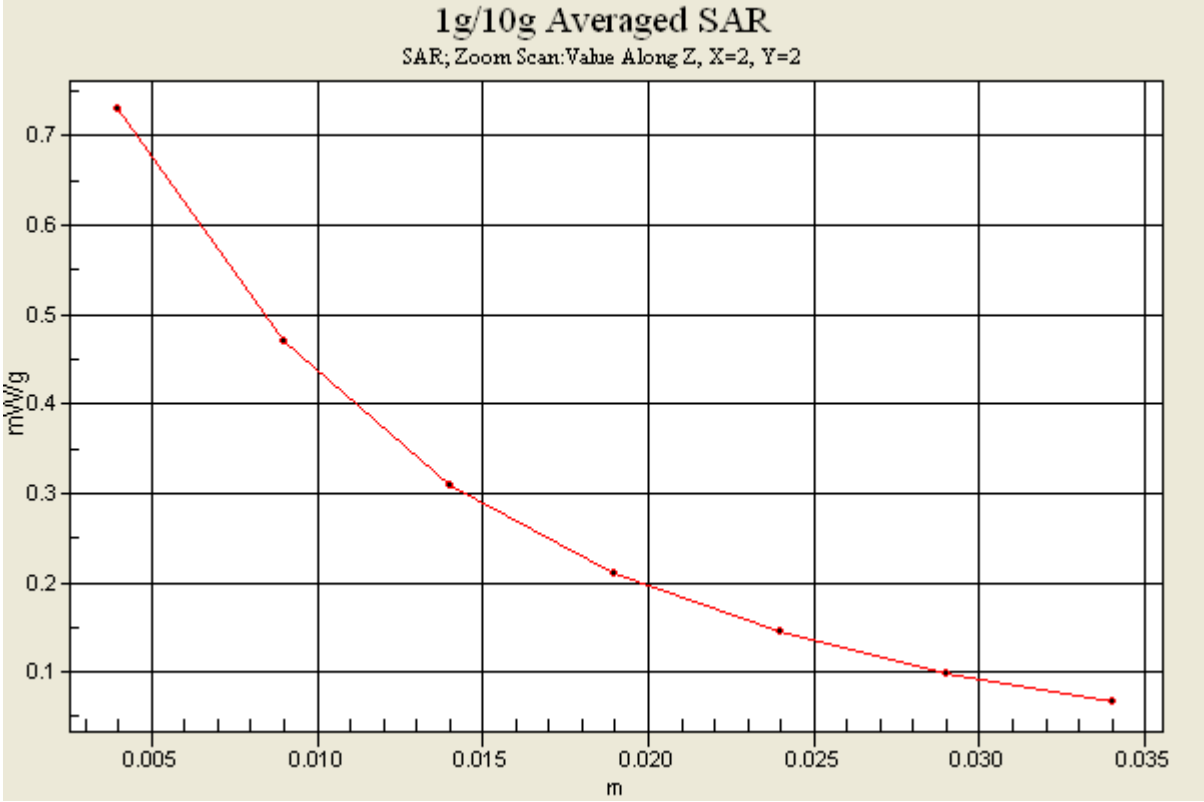
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.748 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.21 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.441 mW/g
Maximum value of SAR (measured) = 0.730 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
mW/g
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#104 LTE Band4_16QAM(25-13)_Right Tilted_Ch20175_10M

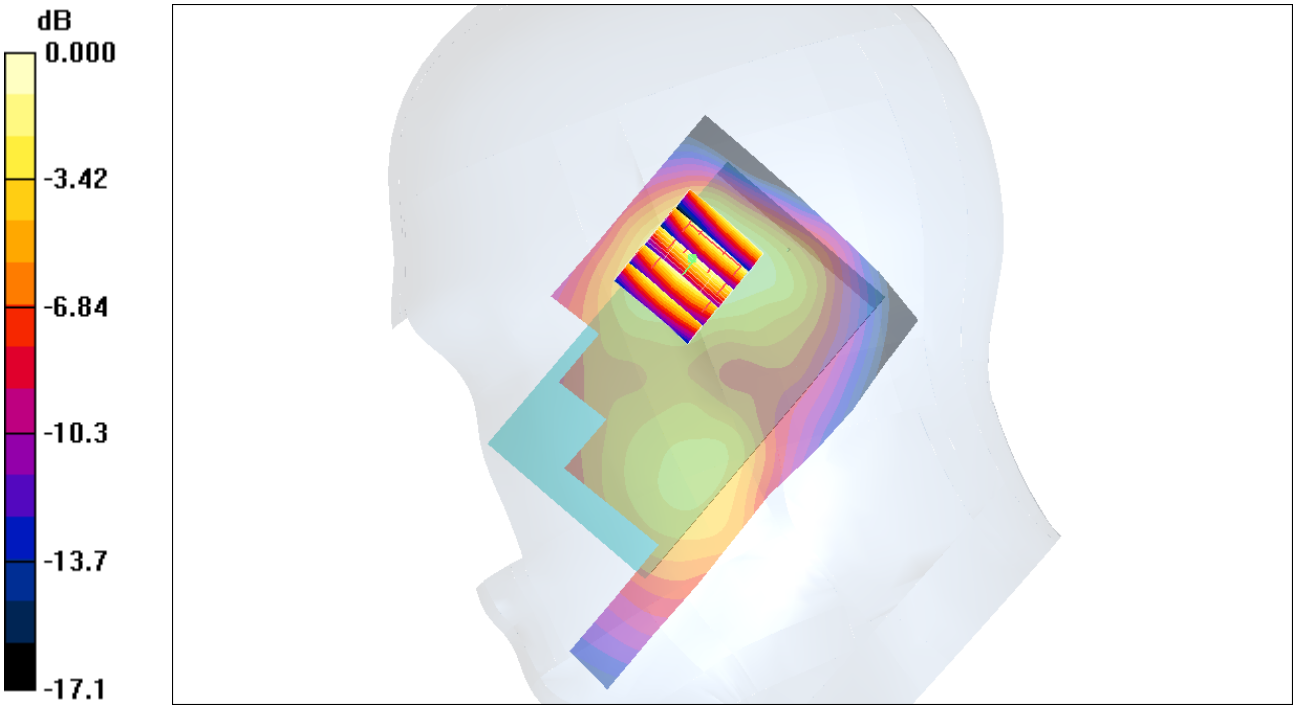
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.285 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.0 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.157 mW/g
Maximum value of SAR (measured) = 0.266 mW/g



0 dB = 0.266mW/g

#105 LTE Band4_16QAM(1-0)_Right Tilted_Ch20175_10M

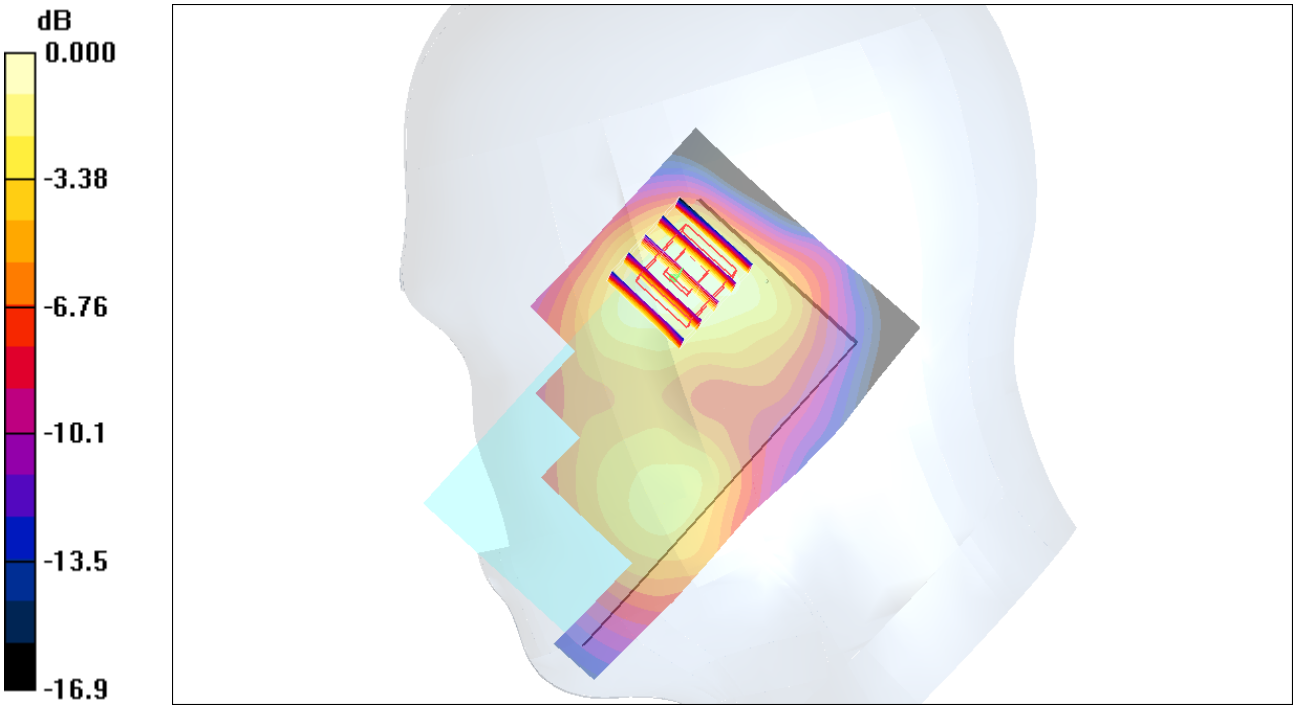
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.289 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.74 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.156 mW/g
Maximum value of SAR (measured) = 0.263 mW/g



0 dB = 0.263mW/g

#106 LTE Band4_16QAM(1-49)_Right Tilted_Ch20175_10M

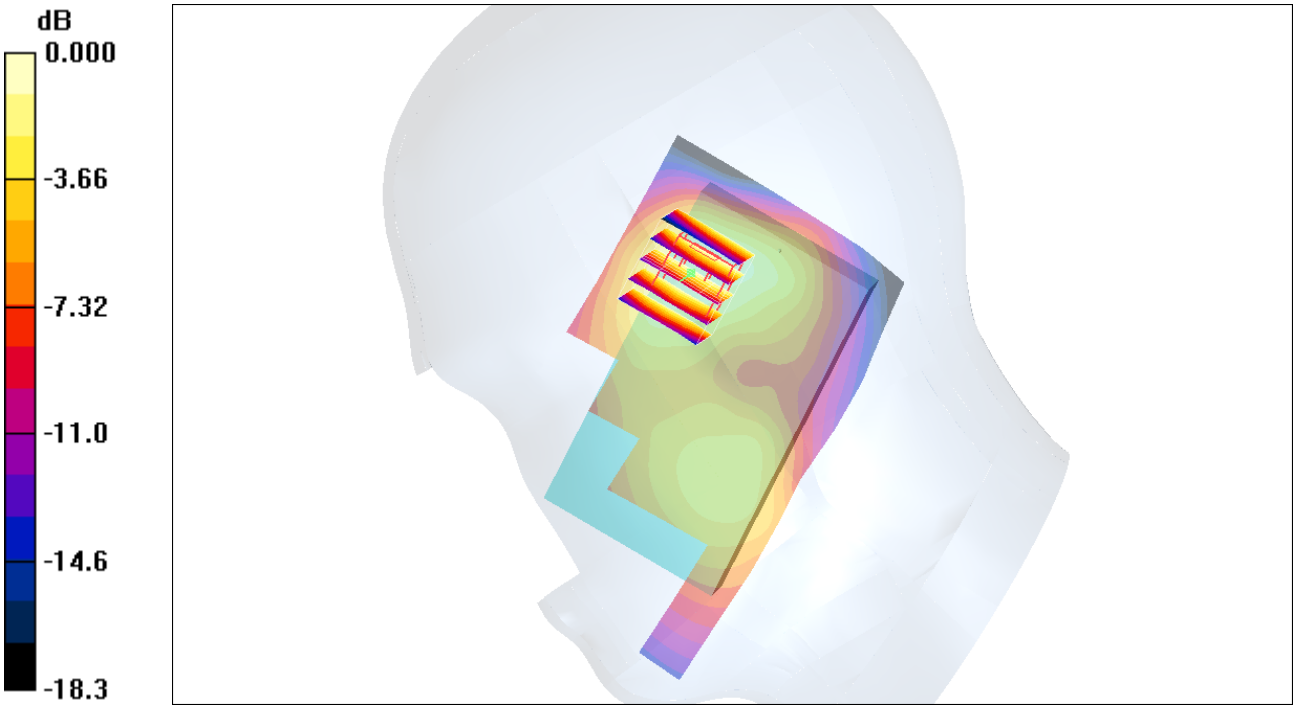
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.311 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.170 mW/g
Maximum value of SAR (measured) = 0.286 mW/g



0 dB = 0.286mW/g

#107 LTE Band4_16QAM(25-13)_Left Cheek_Ch20175_10M

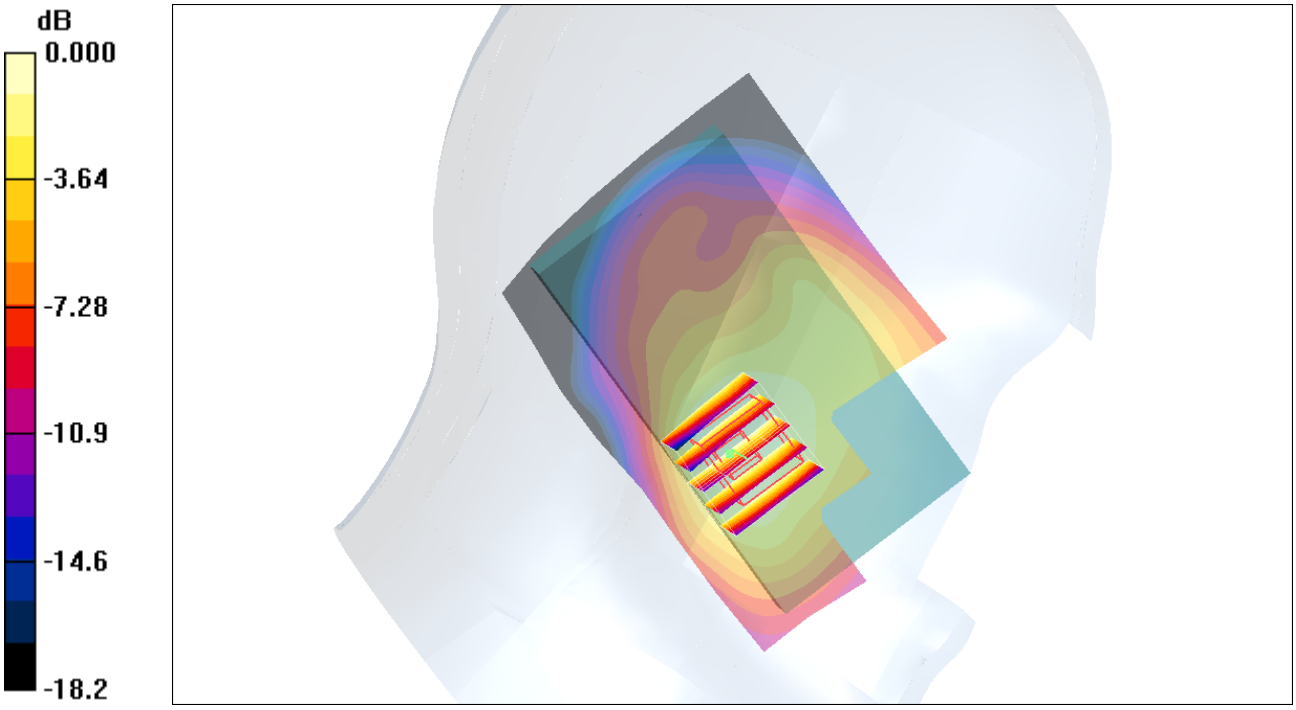
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.628 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.93 V/m; Power Drift = -0.109 dB
Peak SAR (extrapolated) = 0.893 W/kg
SAR(1 g) = 0.593 mW/g; SAR(10 g) = 0.382 mW/g
Maximum value of SAR (measured) = 0.638 mW/g



0 dB = 0.638mW/g

#108 LTE Band4_16QAM(1-0)_Left Cheek_Ch20175_10M

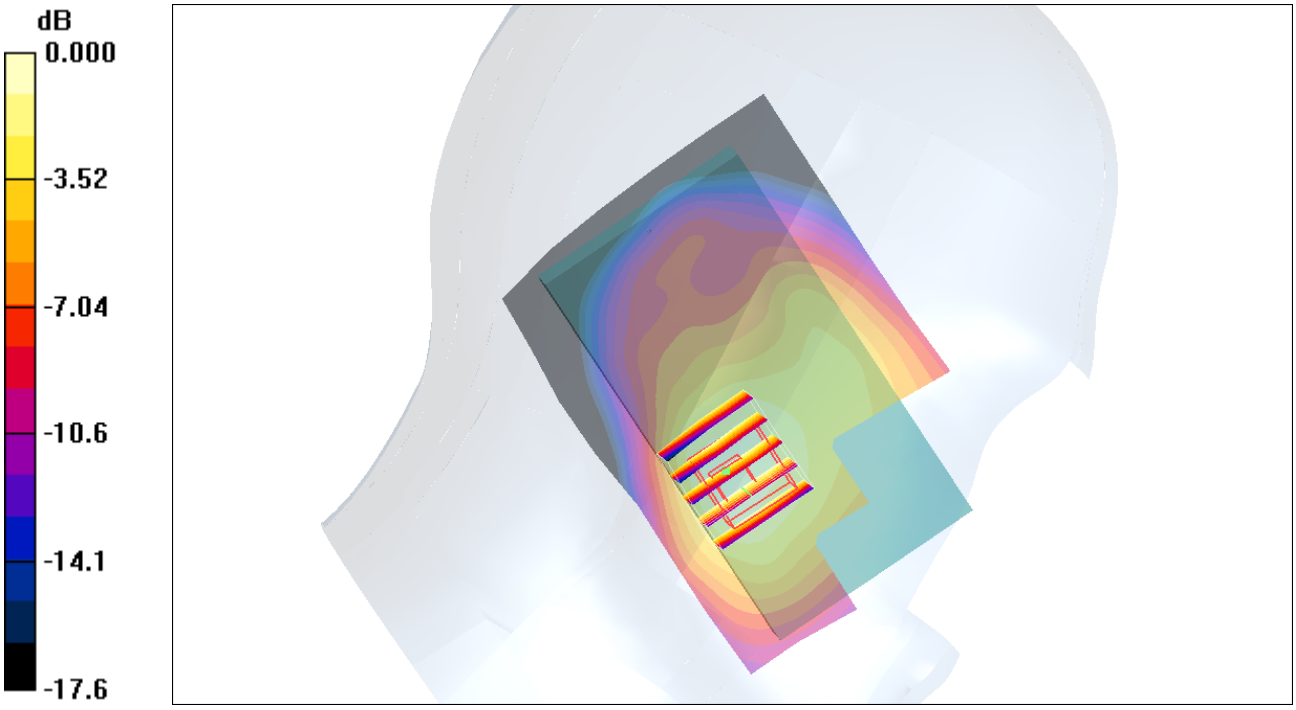
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.628 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.60 V/m; Power Drift = 0.150 dB
Peak SAR (extrapolated) = 0.960 W/kg
SAR(1 g) = 0.629 mW/g; SAR(10 g) = 0.401 mW/g
Maximum value of SAR (measured) = 0.669 mW/g



0 dB = 0.669mW/g

#109 LTE Band4_16QAM(1-49)_Left Cheek_Ch20175_10M

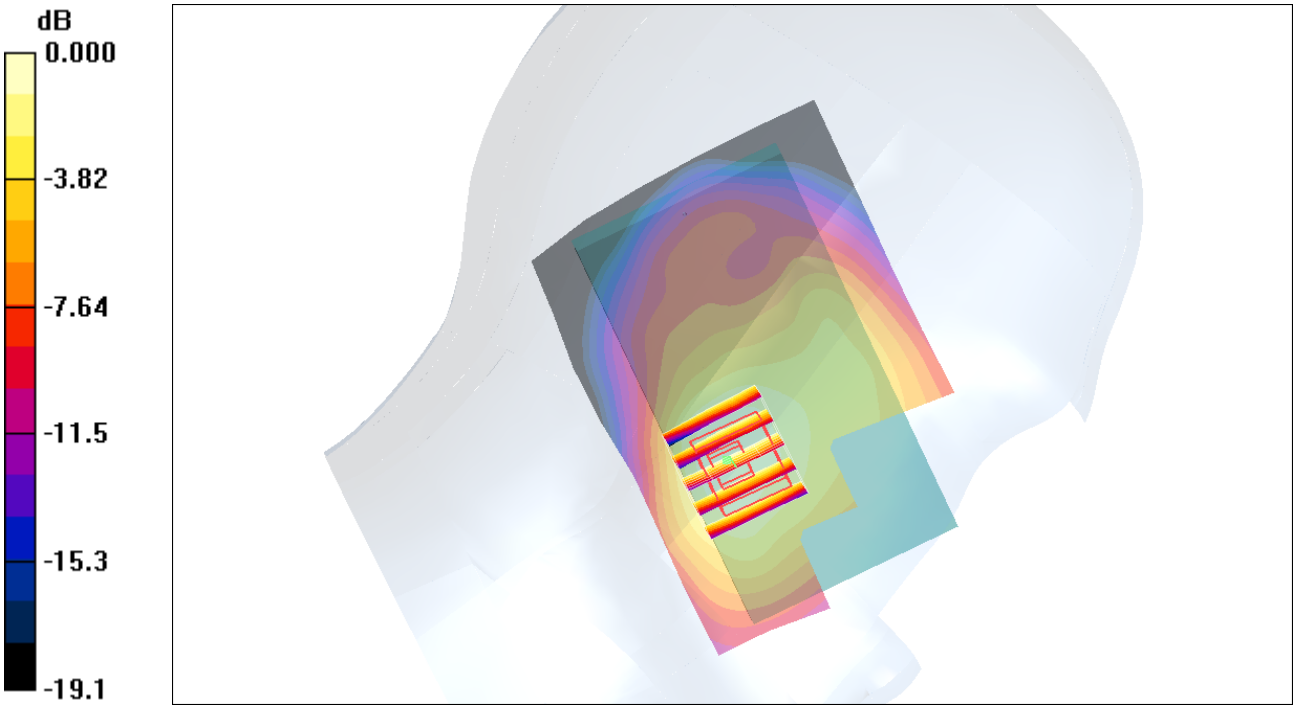
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.675 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.15 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 0.966 W/kg
SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.403 mW/g
Maximum value of SAR (measured) = 0.680 mW/g



0 dB = 0.680mW/g

#110 LTE Band4_16QAM(25-13)_Left Tilted_Ch20175_10M

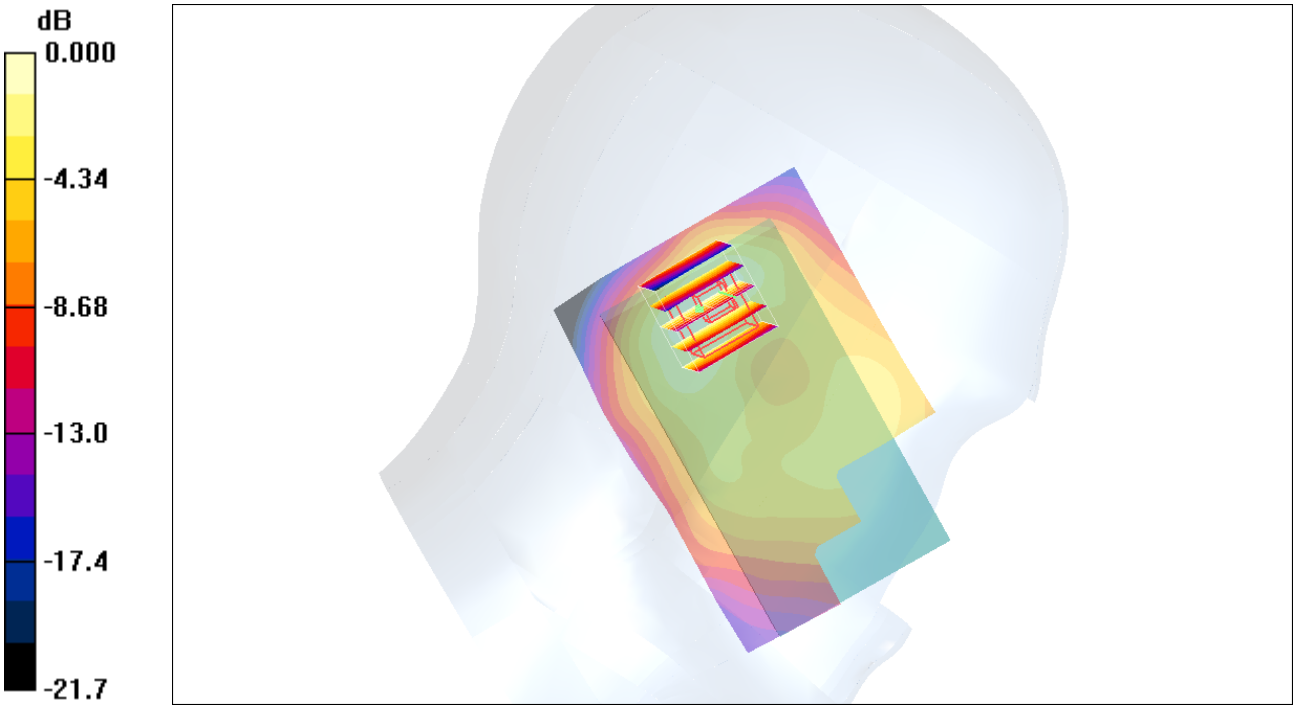
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.186 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.0 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.196 mW/g



0 dB = 0.196mW/g

#111 LTE Band4_16QAM(1-0)_Left Tilted_Ch20175_10M

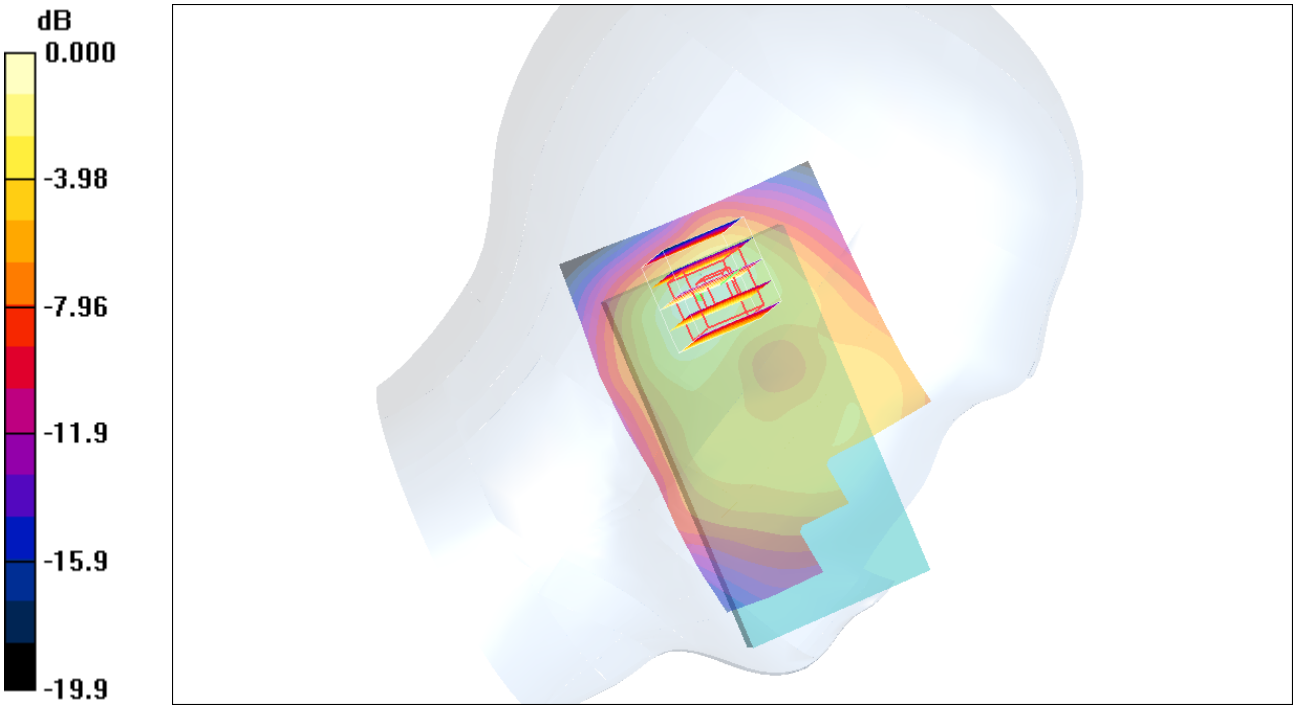
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.203 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.211 mW/g



0 dB = 0.211mW/g

#112 LTE Band4_16QAM(1-49)_Left Tilted_Ch20175_10M

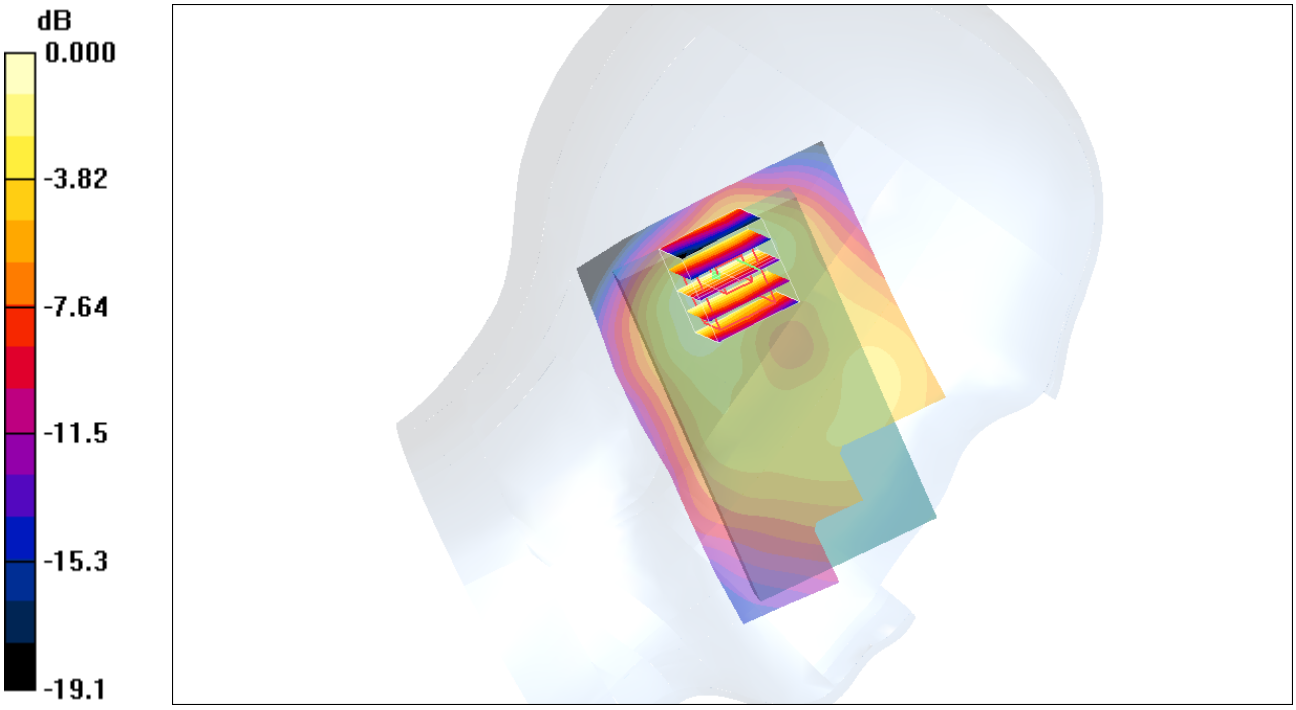
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: HSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.38 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.47, 7.47, 7.47); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.190 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 0.293 W/kg
SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.108 mW/g
Maximum value of SAR (measured) = 0.198 mW/g



0 dB = 0.198mW/g

#79 LTE Band17_QPSK(25-13)_Right Cheek_Ch23790_10M

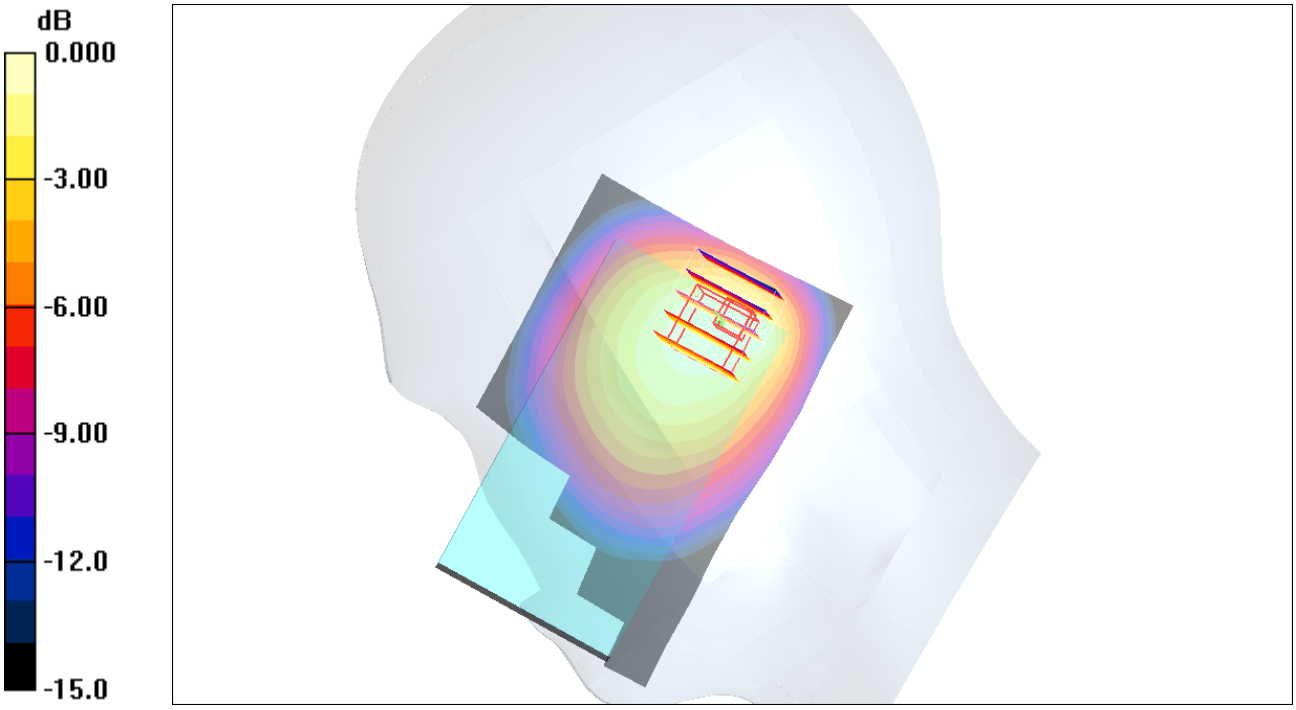
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110602 Medium parameters used: f = 710 MHz; σ = 0.85 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.429 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.0 V/m; Power Drift = 0.030 dB
Peak SAR (extrapolated) = 0.621 W/kg
SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.229 mW/g
Maximum value of SAR (measured) = 0.356 mW/g



0 dB = 0.356mW/g

#113 LTE Band17_QPSK(1-0)_Right Cheek_Ch23790_10M

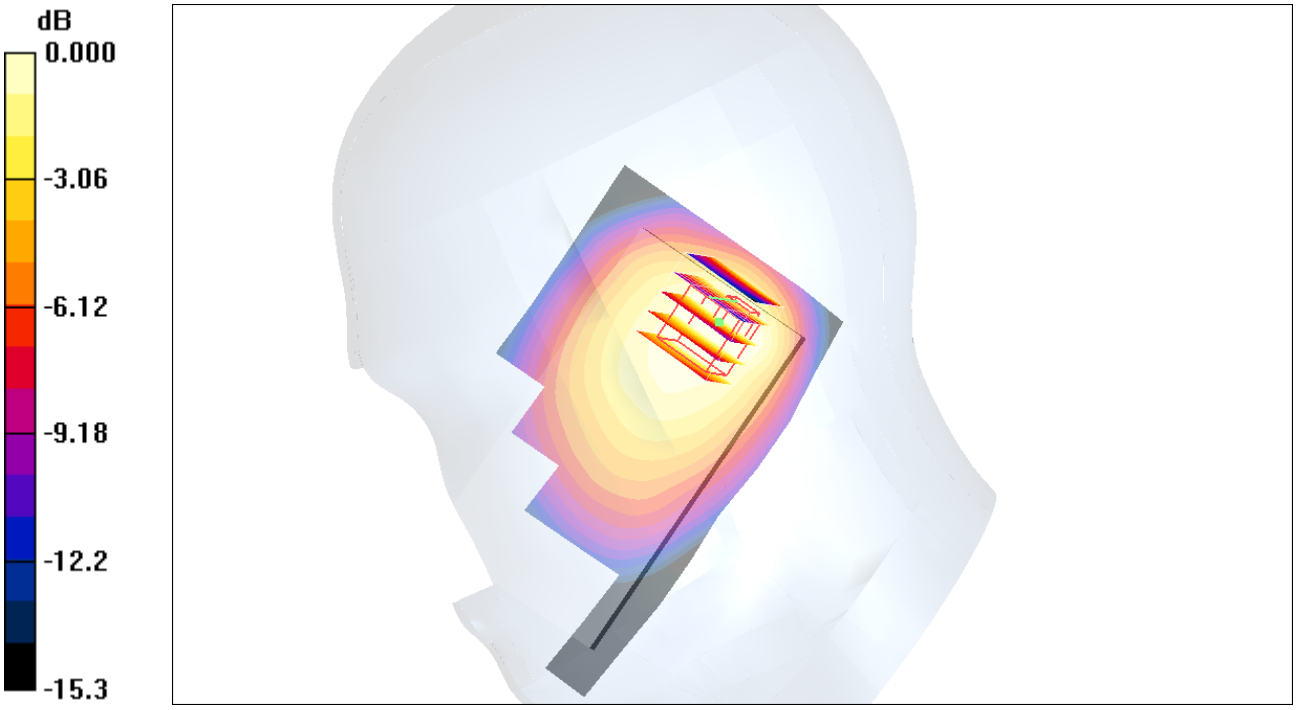
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.367 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = 0.063 dB
Peak SAR (extrapolated) = 0.516 W/kg
SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.296 mW/g



0 dB = 0.296mW/g

#114 LTE Band17_QPSK(1-49)_Right Cheek_Ch23790_10M

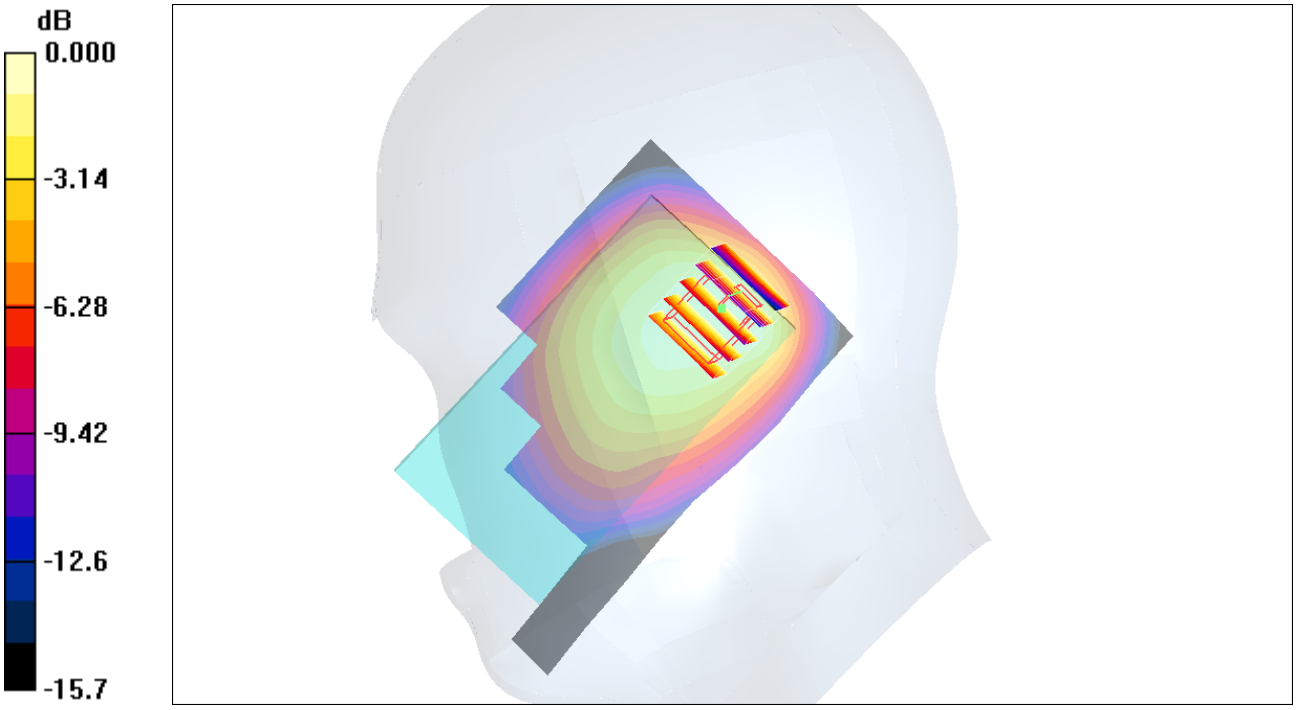
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.373 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.4 V/m; Power Drift = 0.091 dB
Peak SAR (extrapolated) = 0.520 W/kg
SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.198 mW/g
Maximum value of SAR (measured) = 0.301 mW/g



0 dB = 0.301mW/g

#80 LTE Band17_QPSK(25-13)_Right Tilted_Ch23790_10M

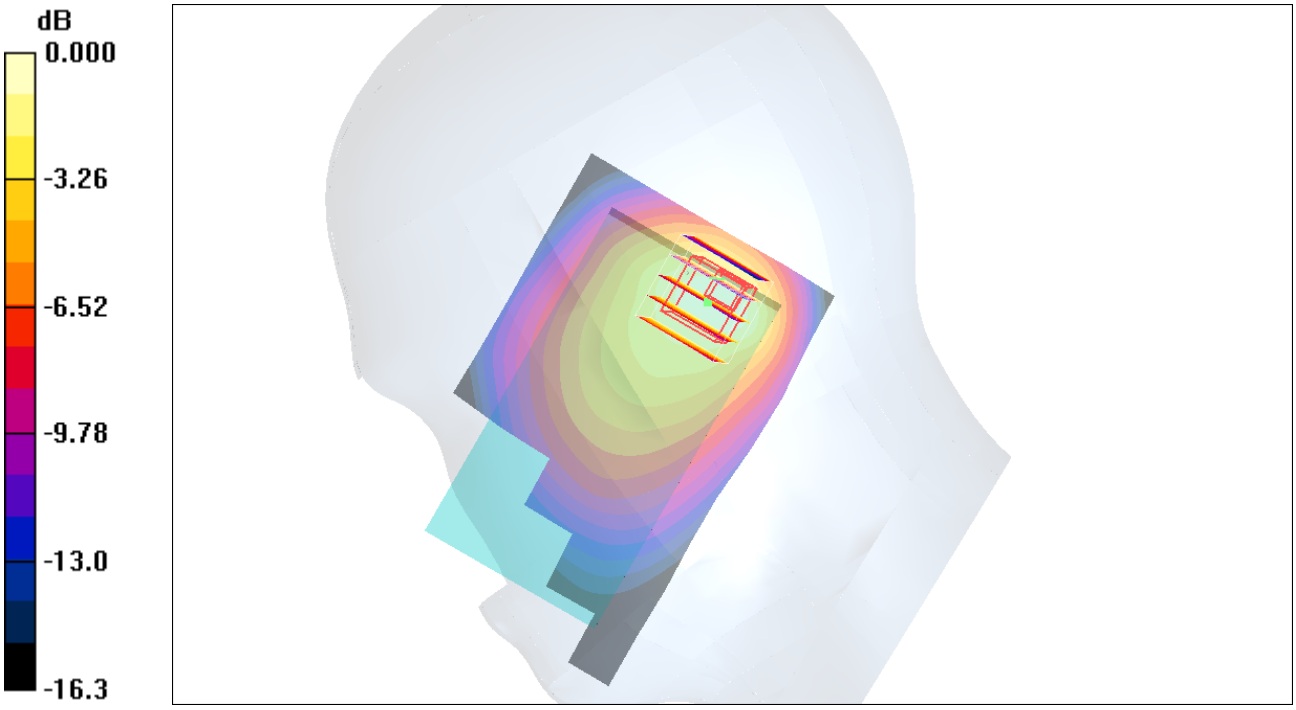
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110602 Medium parameters used: f = 710 MHz; σ = 0.85 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.344 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 0.630 W/kg
SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.351 mW/g



0 dB = 0.351mW/g

#115 LTE Band17_QPSK(1-0)_Right Tilted_Ch23790_10M

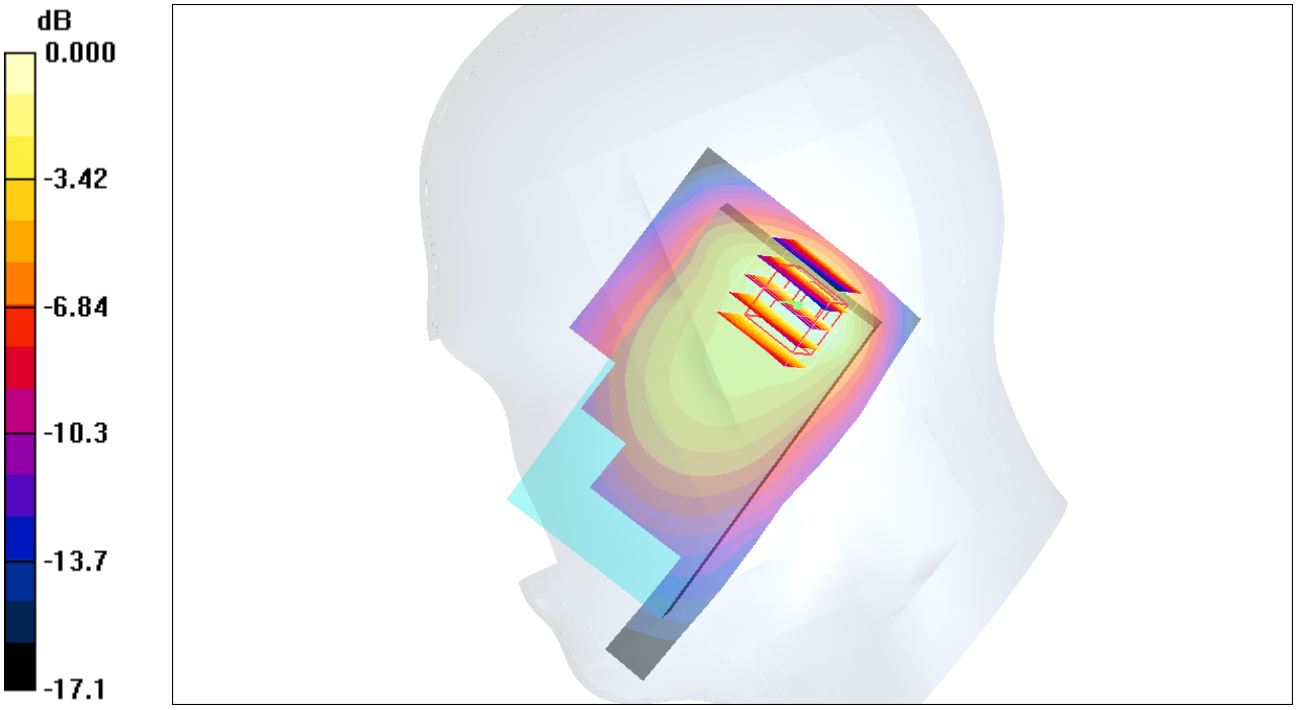
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.417 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.3 V/m; Power Drift = 0.074 dB
Peak SAR (extrapolated) = 0.727 W/kg
SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.196 mW/g
Maximum value of SAR (measured) = 0.352 mW/g



0 dB = 0.352mW/g

#116 LTE Band17_QPSK(1-49)_Right Tilted_Ch23790_10M

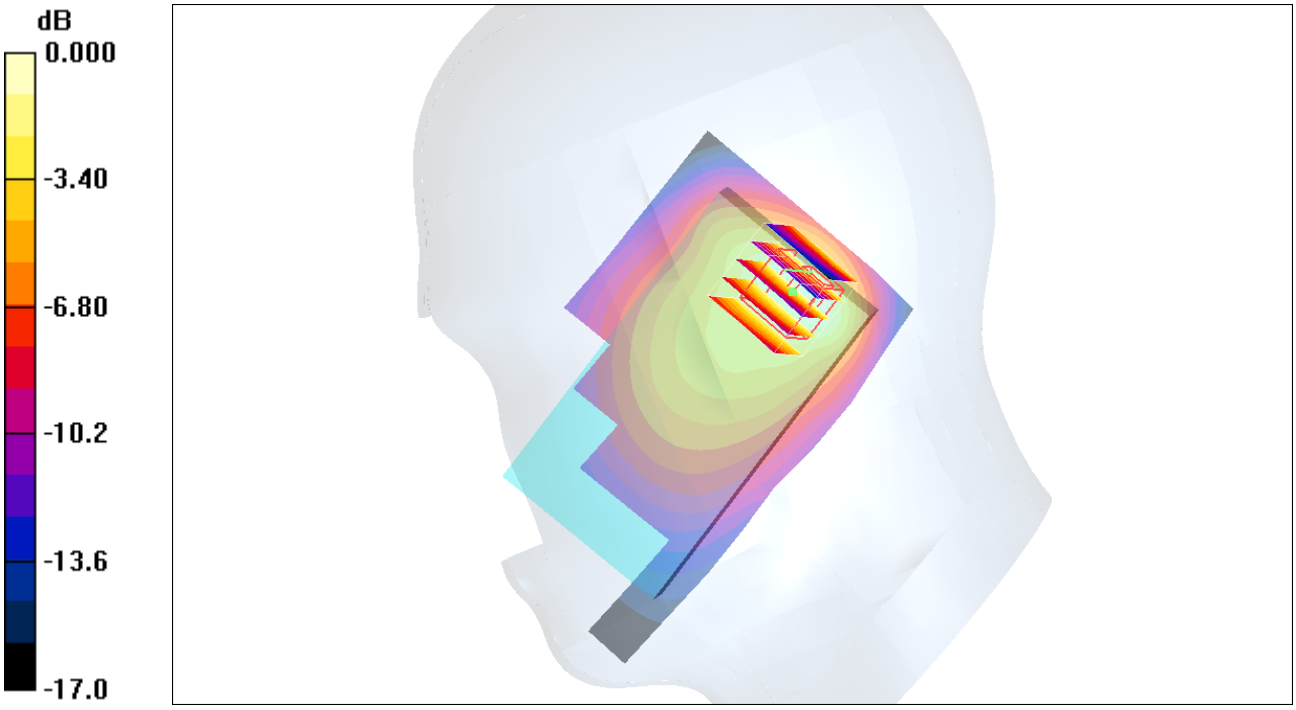
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.386 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 0.676 W/kg
SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.182 mW/g
Maximum value of SAR (measured) = 0.321 mW/g



0 dB = 0.321mW/g

#81 LTE Band17_QPSK(25-13)_Left Check_Ch23790_10M

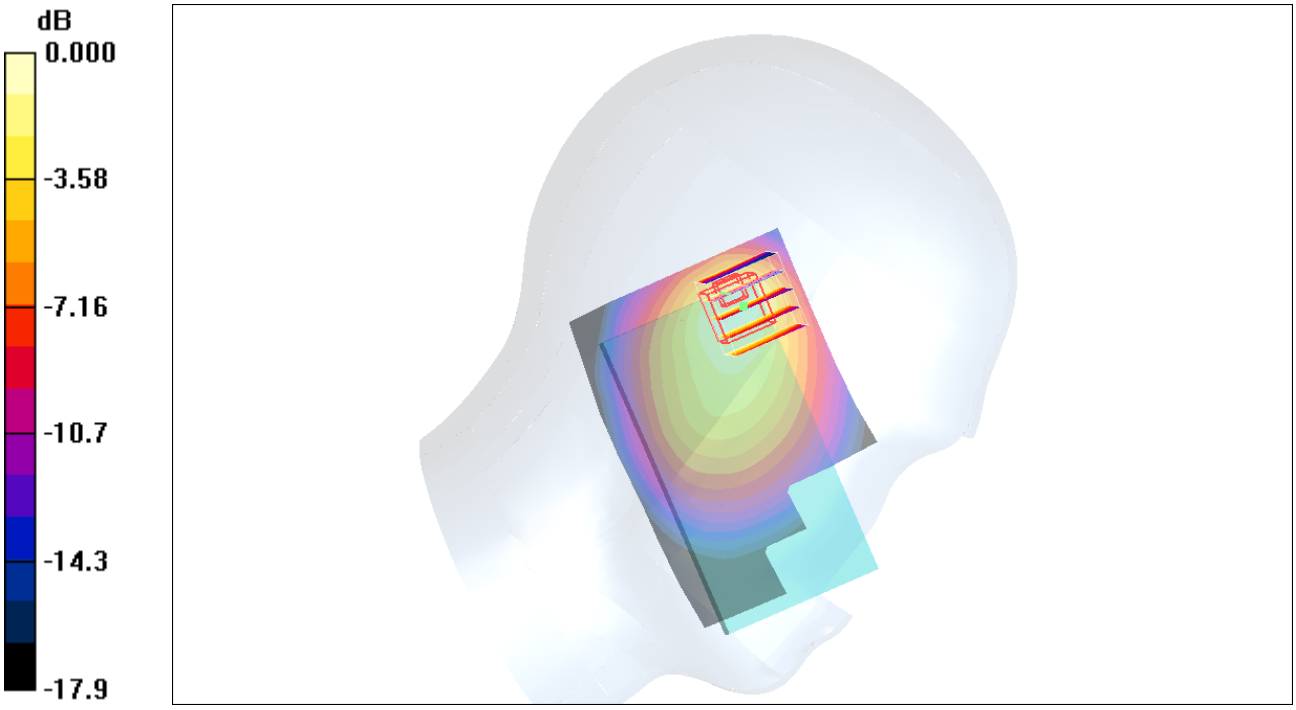
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110602 Medium parameters used: f = 710 MHz; σ = 0.85 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.542 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.4 V/m; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.291 mW/g
Maximum value of SAR (measured) = 0.569 mW/g



0 dB = 0.569mW/g

#117 LTE Band17_QPSK(1-0)_Left Cheek_Ch23790_10M

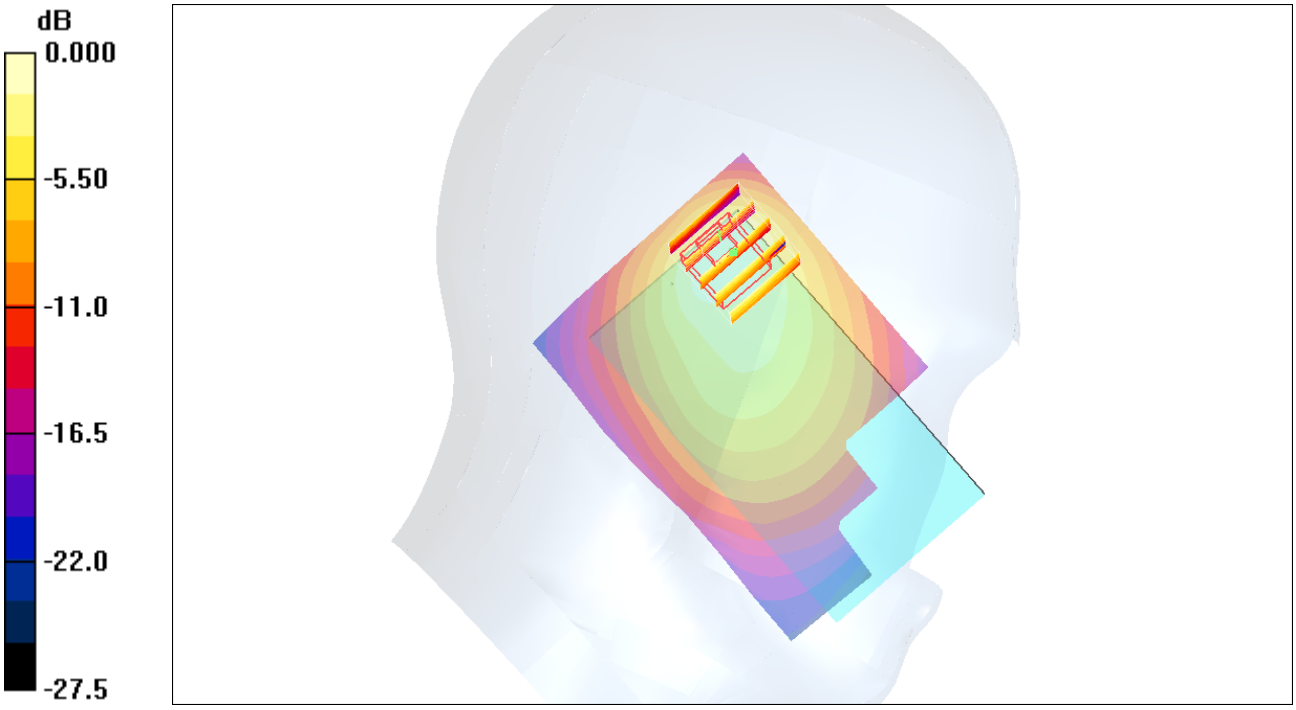
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.668 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.8 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.293 mW/g
Maximum value of SAR (measured) = 0.598 mW/g



0 dB = 0.598mW/g

#118 LTE Band17_QPSK(1-49)_Left Cheek_Ch23790_10M

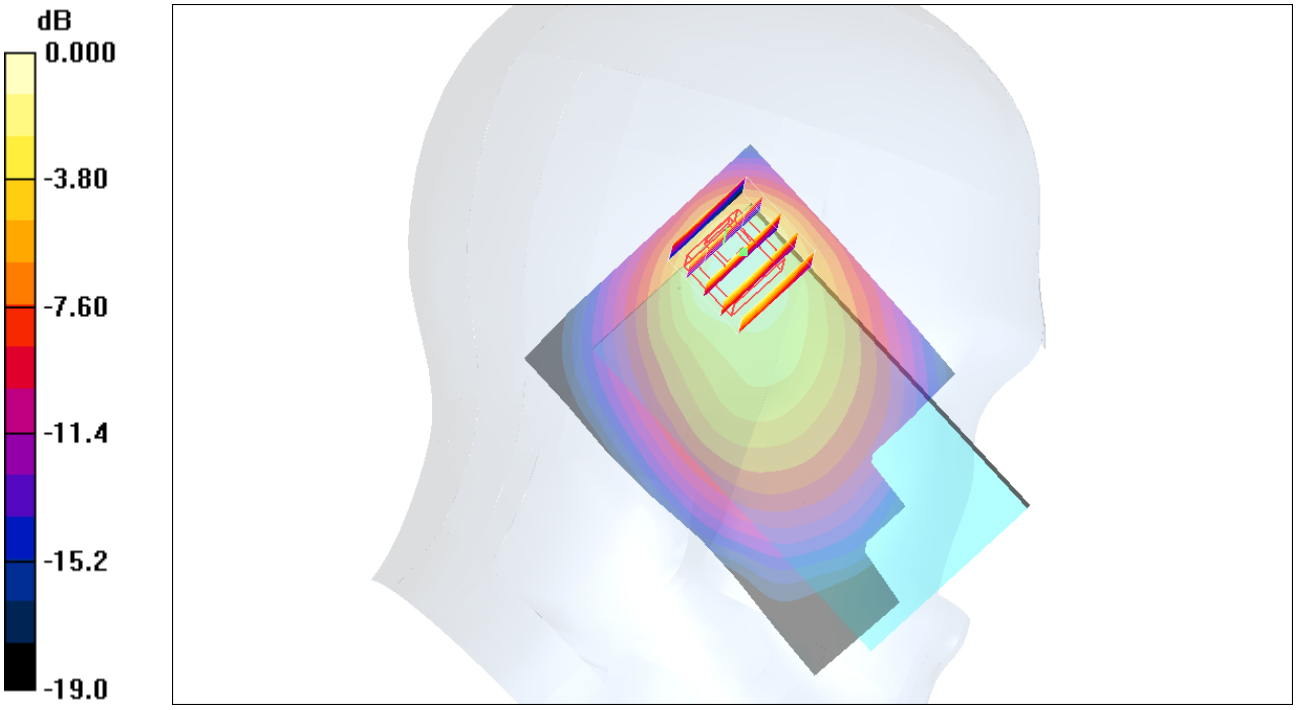
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.704 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.299 mW/g
Maximum value of SAR (measured) = 0.602 mW/g



0 dB = 0.602mW/g

#82 LTE Band17_QPSK(25-13)_Left Tilted_Ch23790_10M

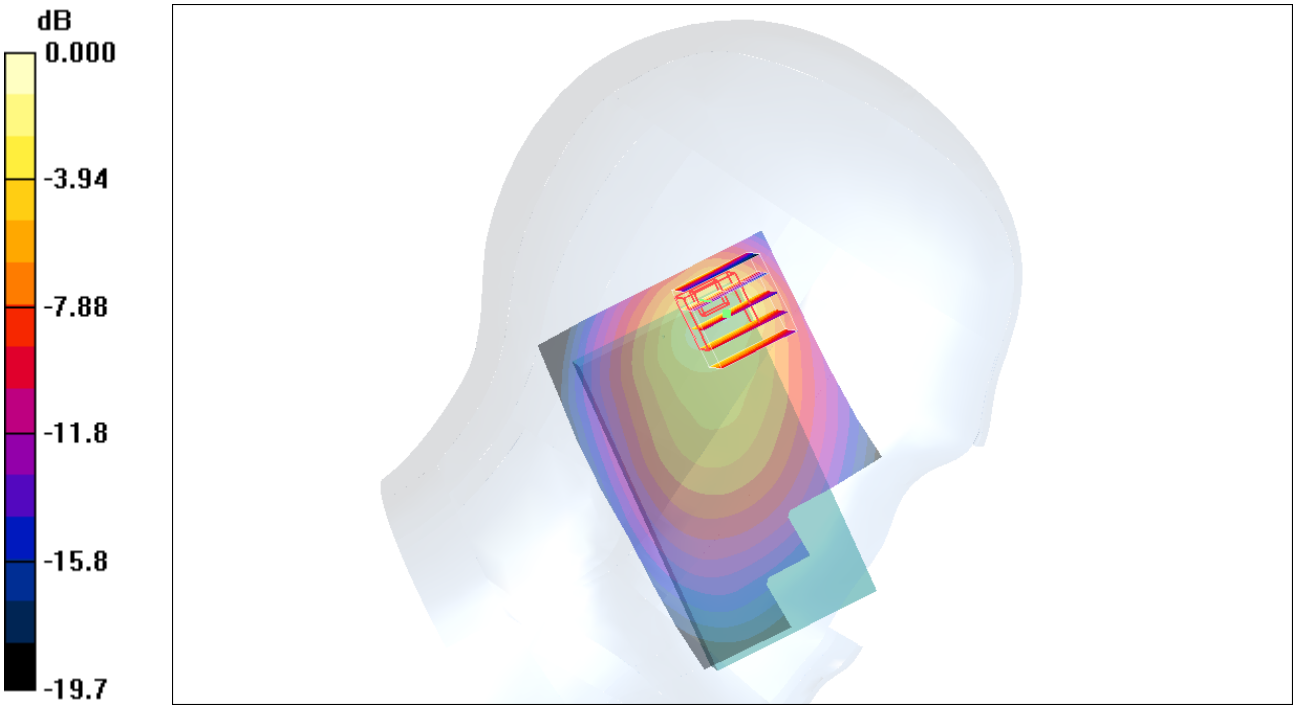
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110602 Medium parameters used: f = 710 MHz; σ = 0.85 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.498 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.6 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.598 mW/g; SAR(10 g) = 0.283 mW/g
Maximum value of SAR (measured) = 0.661 mW/g



0 dB = 0.661mW/g

#119 LTE Band17_QPSK(1-0)_Left Tilted_Ch23790_10M

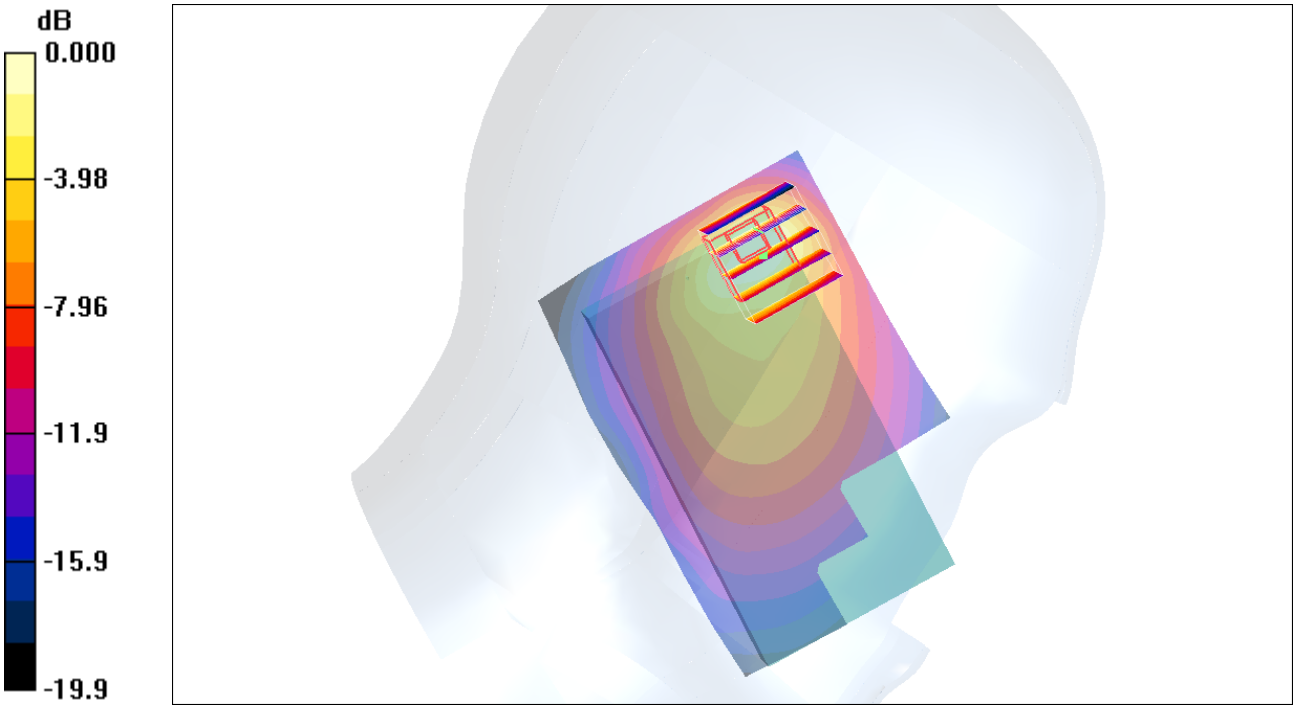
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.665 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.9 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.273 mW/g
Maximum value of SAR (measured) = 0.641 mW/g



0 dB = 0.641mW/g

#120 LTE Band17_QPSK(1-49)_Left Tilted_Ch23790_10M

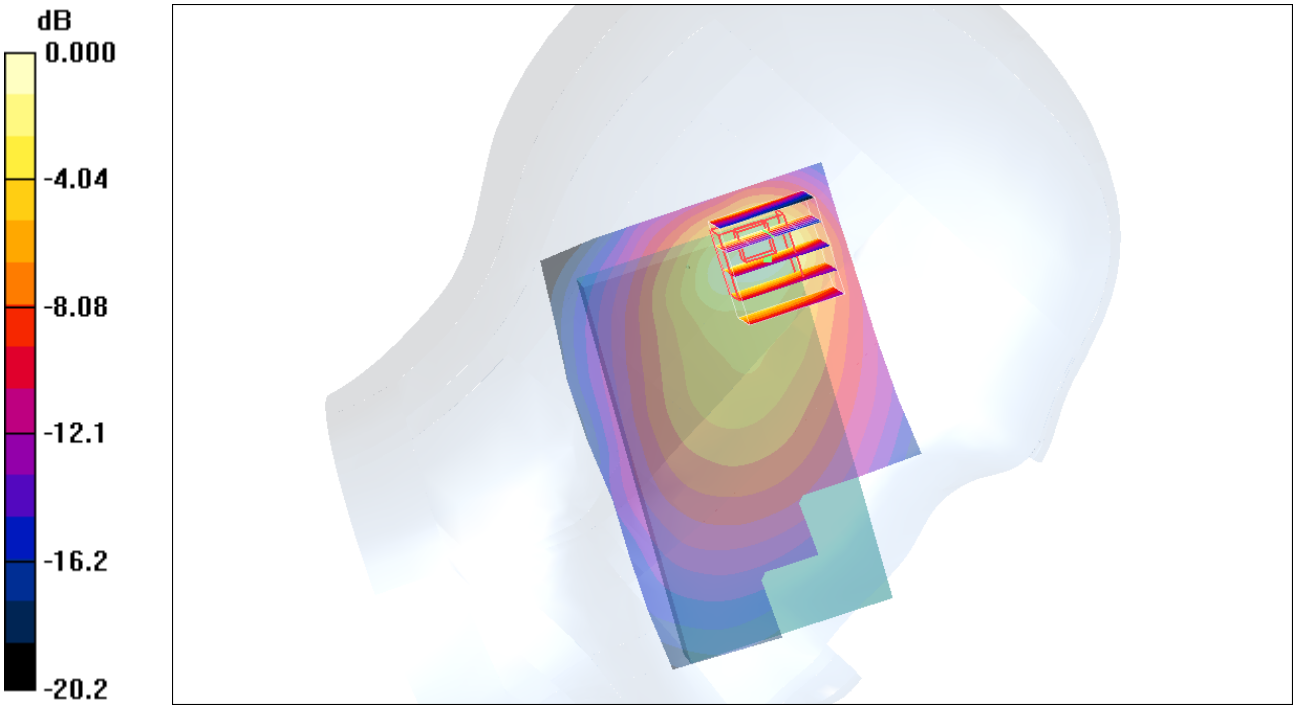
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated:2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.645 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.3 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.275 mW/g
Maximum value of SAR (measured) = 0.653 mW/g



0 dB = 0.653mW/g

#120 LTE Band17_QPSK(1-49)_Left Tilted_Ch23790_10M_2D

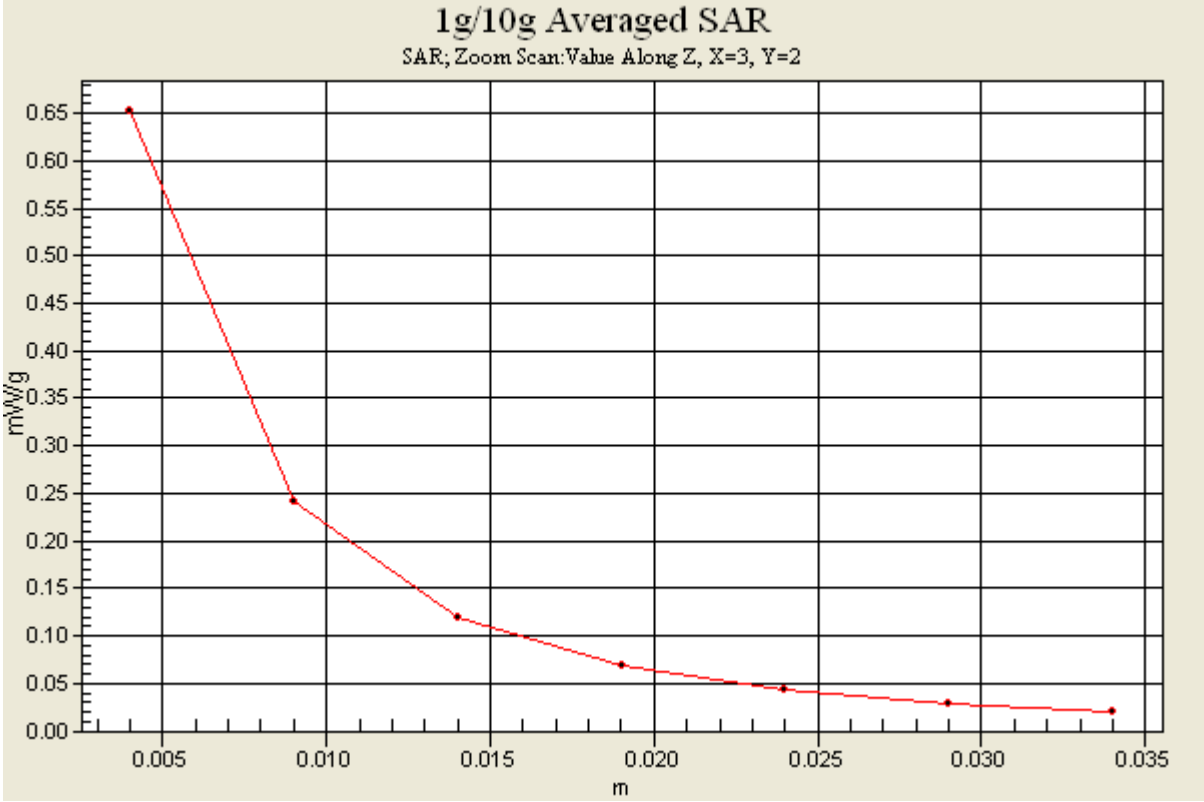
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.645 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.3 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.275 mW/g
Maximum value of SAR (measured) = 0.653 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=2
mW/g
0.65
0.60
0.55
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
0.035
m

#121 LTE Band17_16QAM(25-13)_Right Cheek_Ch23790_10M

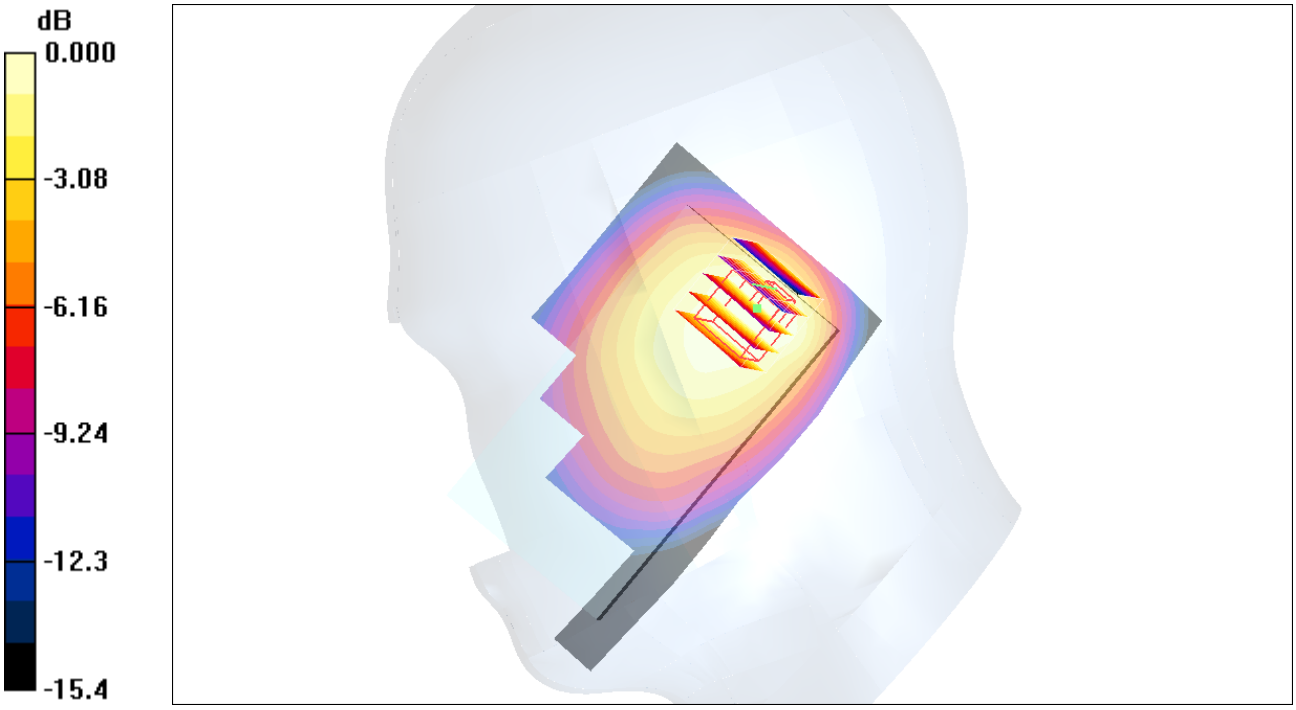
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.366 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.3 V/m; Power Drift = 0.045 dB
Peak SAR (extrapolated) = 0.515 W/kg
SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.193 mW/g
Maximum value of SAR (measured) = 0.297 mW/g



0 dB = 0.297mW/g

#122 LTE Band17_16QAM(1-0)_Right Cheek_Ch23790_10M

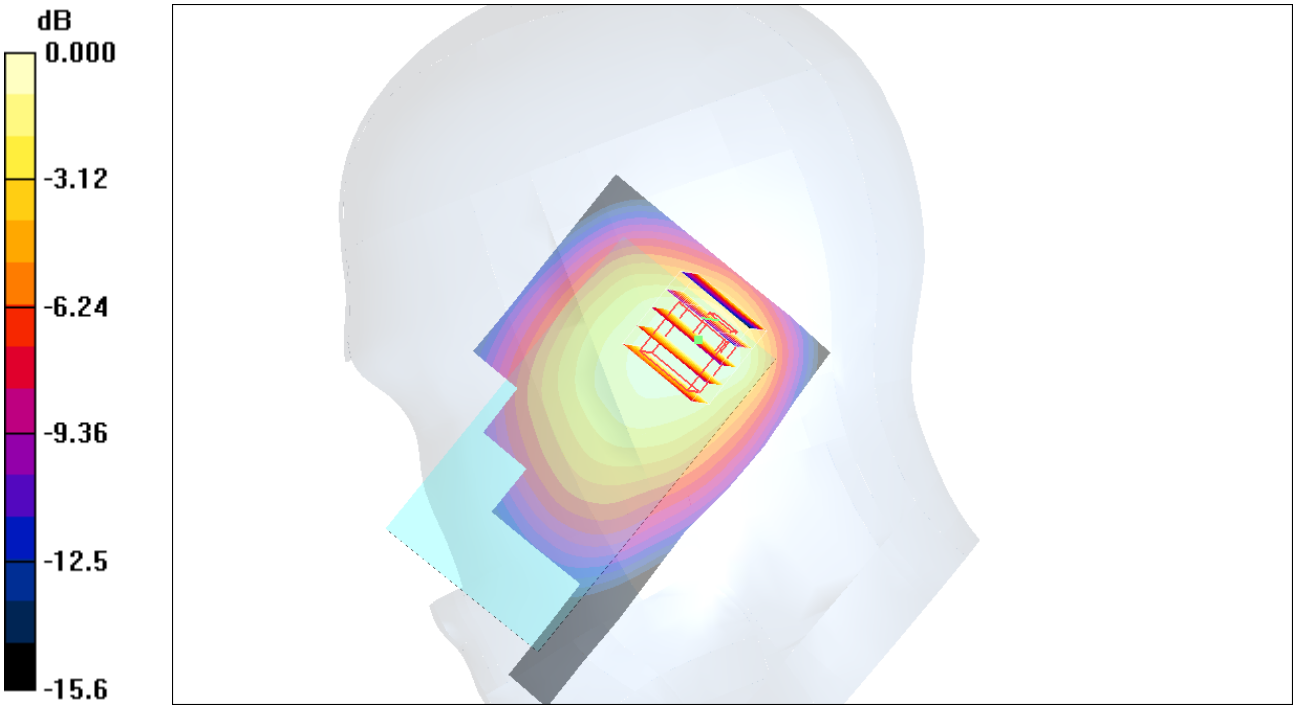
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.374 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.6 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.528 W/kg
SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.305 mW/g



0 dB = 0.305mW/g

#123 LTE Band17_16QAM(1-49)_Right Cheek_Ch23790_10M

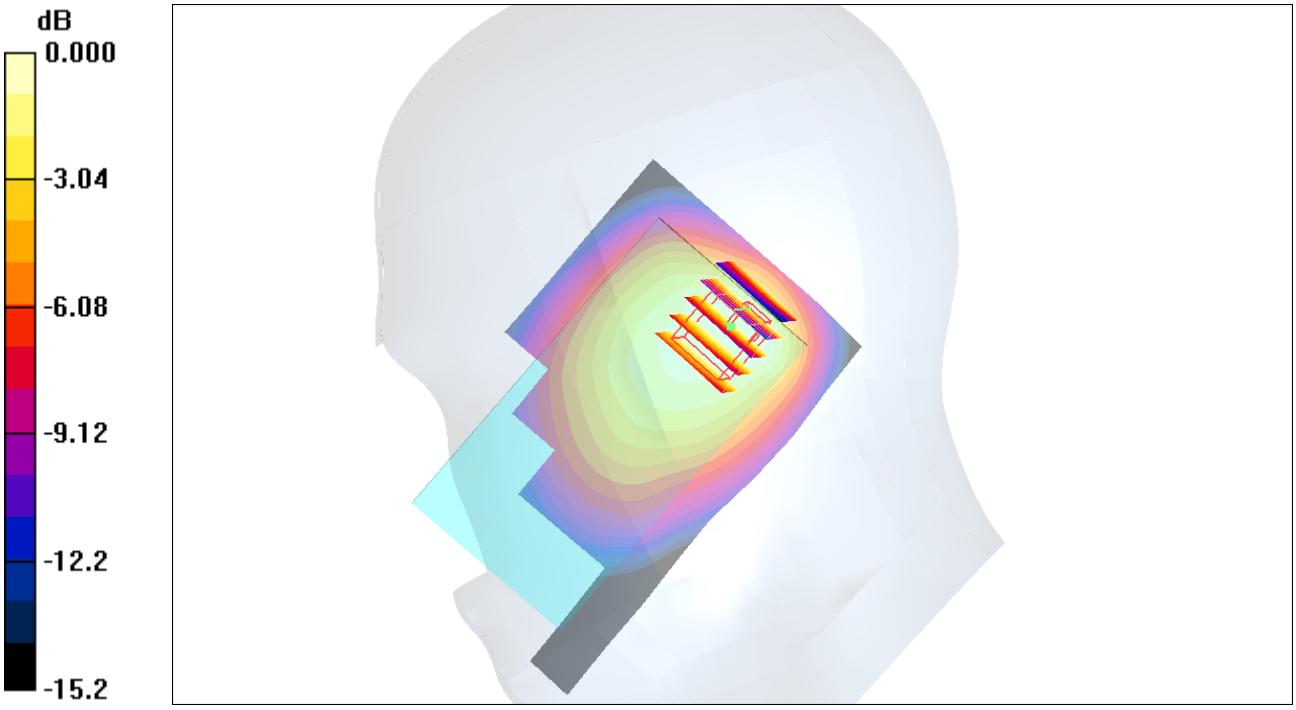
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.381 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.3 V/m; Power Drift = 0.123 dB
Peak SAR (extrapolated) = 0.533 W/kg
SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.309 mW/g



0 dB = 0.309mW/g

#124 LTE Band17_16QAM(25-13)_Right Tilted_Ch23790_10M

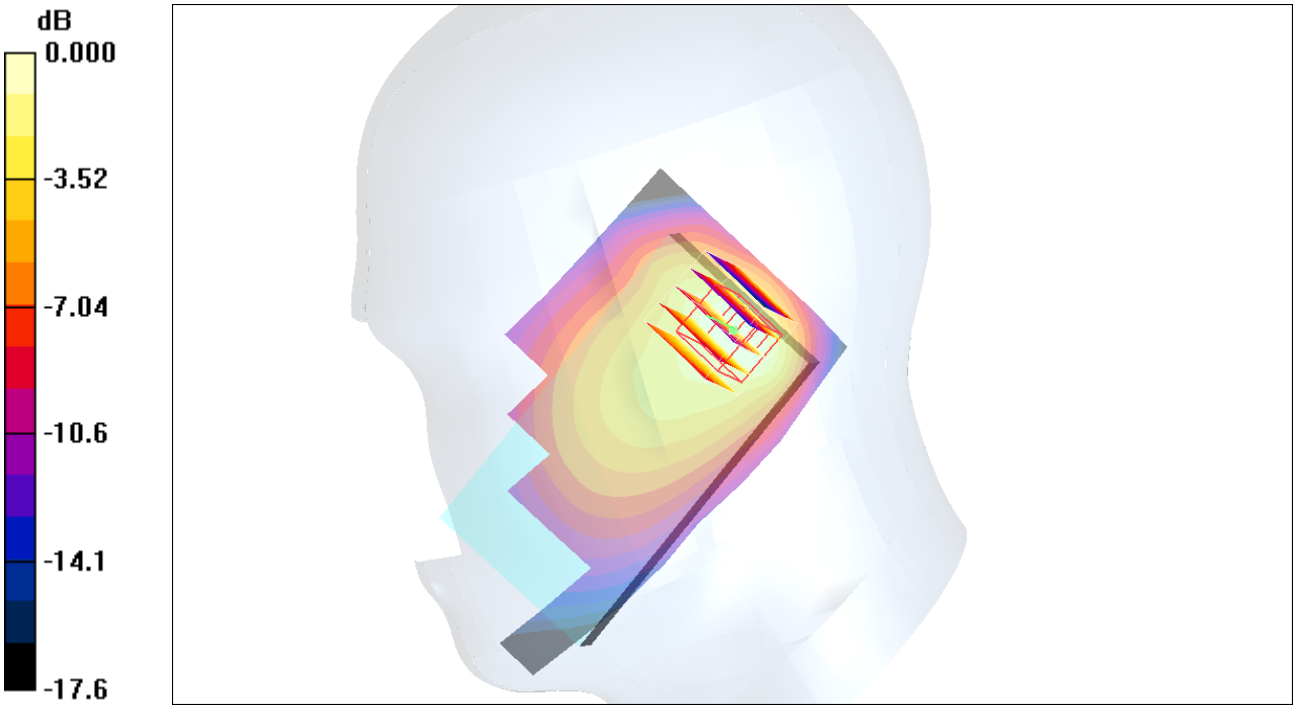
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): 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 = 18.5 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 0.681 W/kg
SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.192 mW/g
Maximum value of SAR (measured) = 0.343 mW/g



0 dB = 0.343mW/g

#125 LTE Band17_16QAM(1-0)_Right Tilted_Ch23790_10M

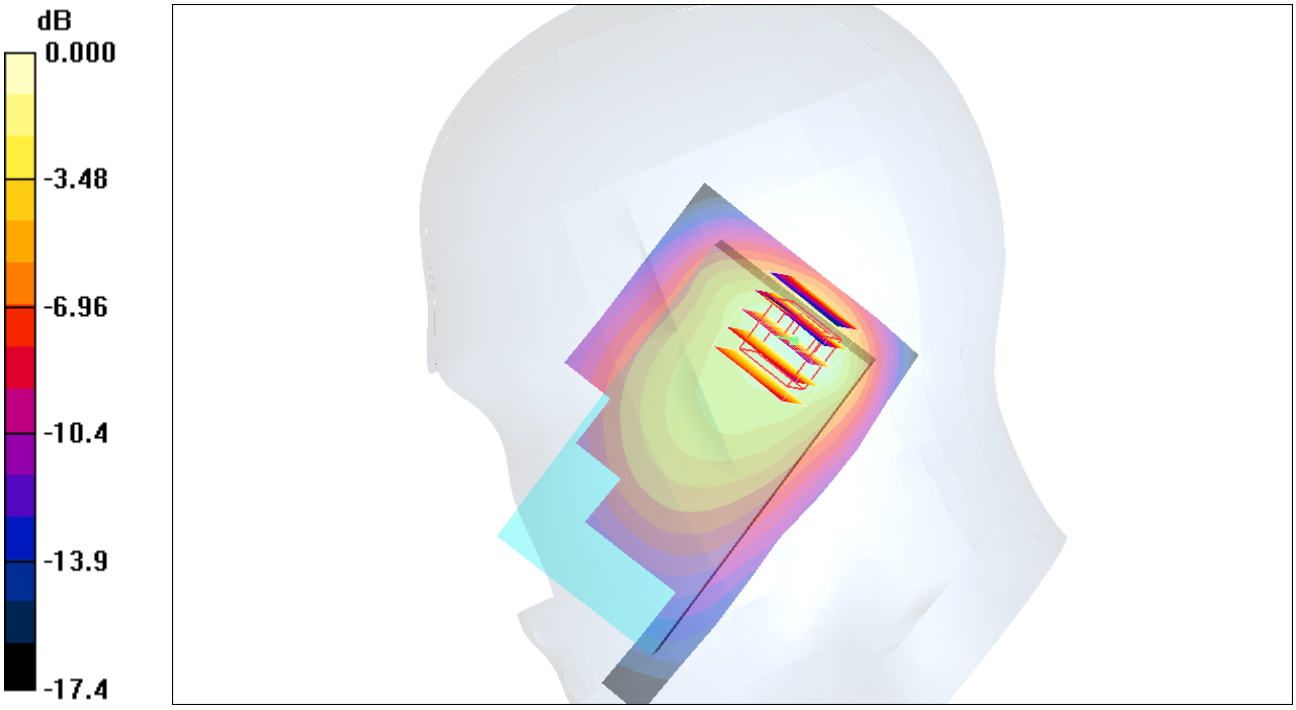
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.418 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.7 V/m; Power Drift = -0.091 dB
Peak SAR (extrapolated) = 0.710 W/kg
SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.355 mW/g



0 dB = 0.355mW/g

#126 LTE Band17_16QAM(1-49)_Right Tilted_Ch23790_10M

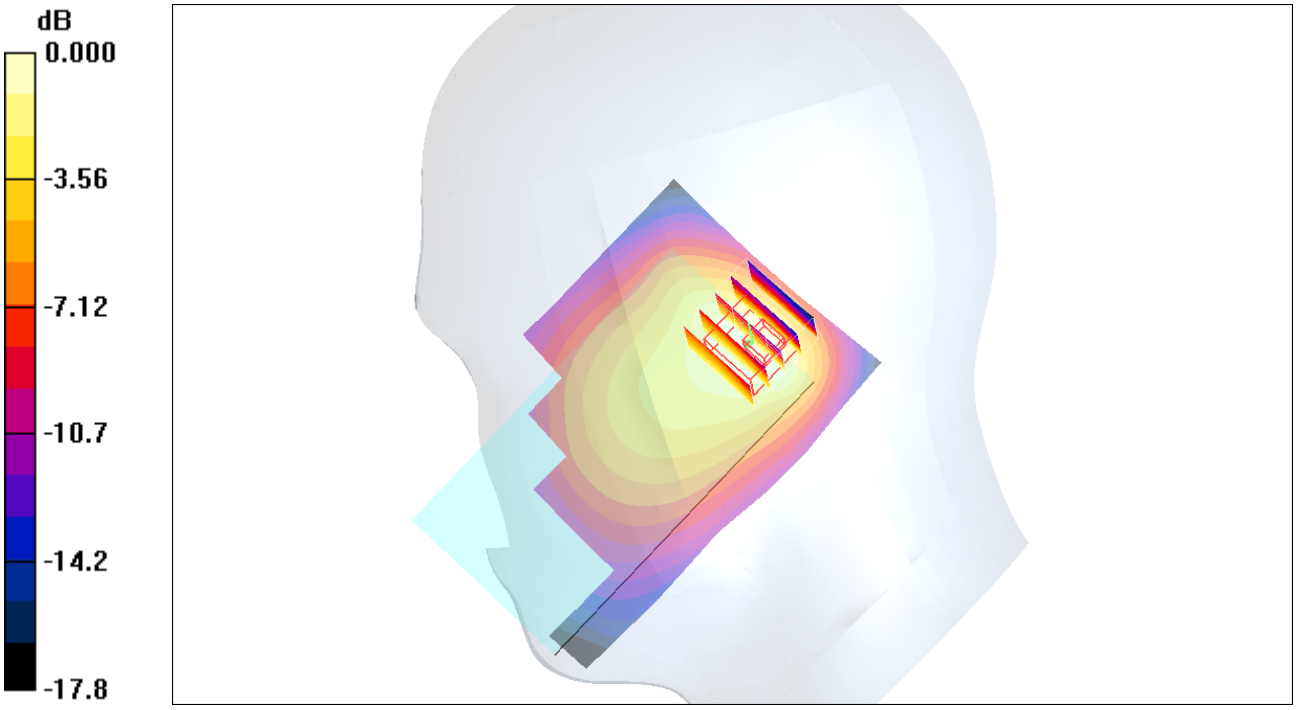
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.429 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.8 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 0.718 W/kg
SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.198 mW/g
Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.354mW/g

#127 LTE Band17_16QAM(25-13)_Left Cheek_Ch23790_10M

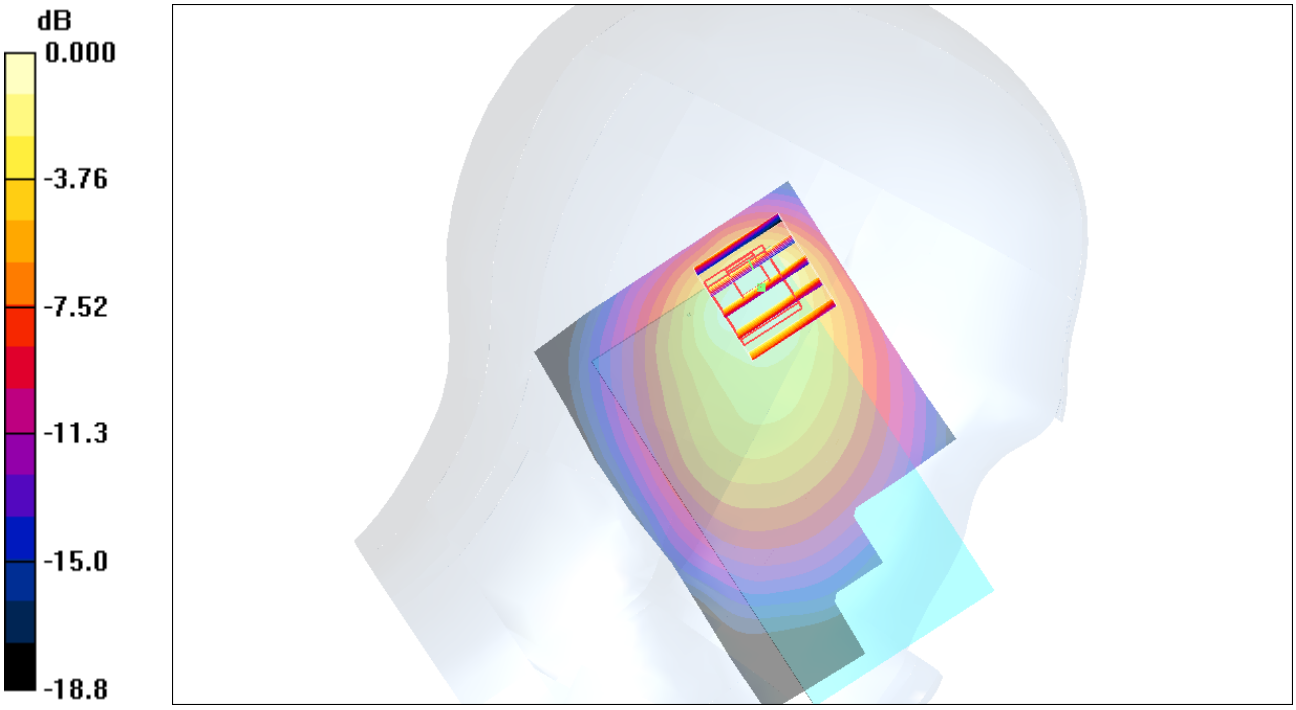
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.686 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.292 mW/g
Maximum value of SAR (measured) = 0.579 mW/g



0 dB = 0.579mW/g

#128 LTE Band17_16QAM(1-0)_Left Cheek_Ch23790_10M

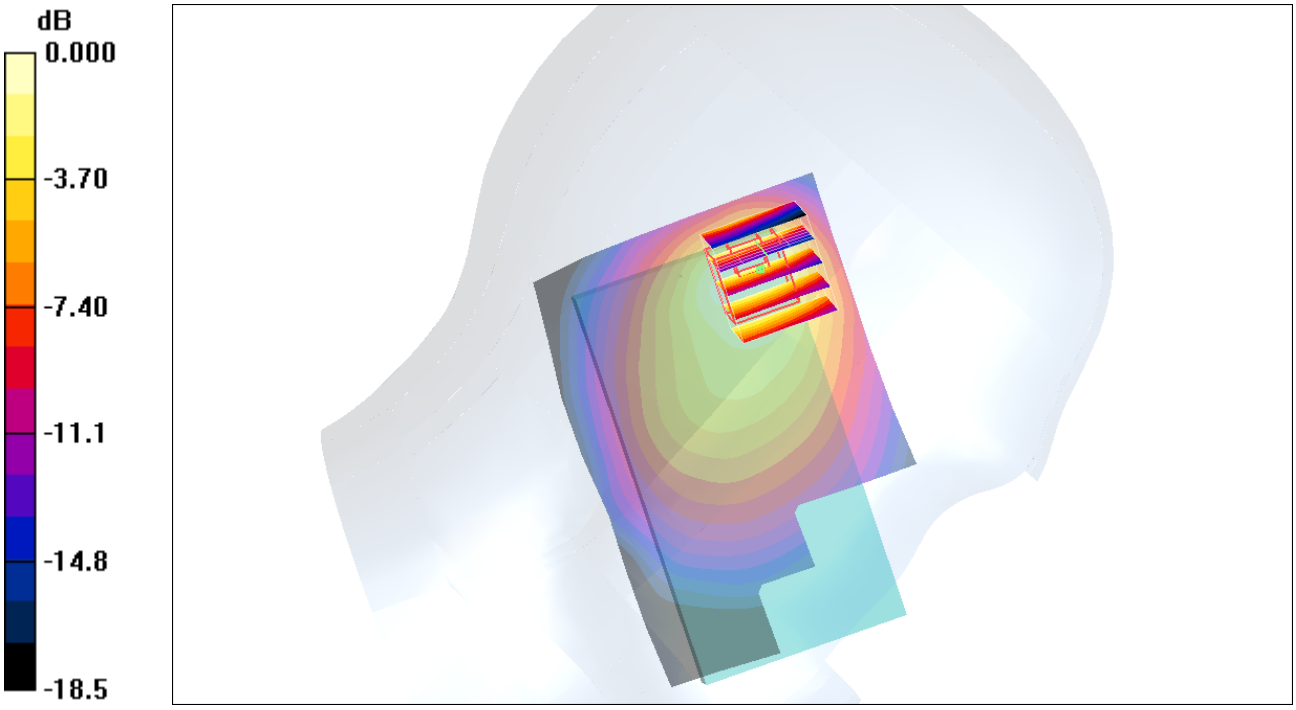
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.673 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.293 mW/g
Maximum value of SAR (measured) = 0.573 mW/g



0 dB = 0.573mW/g

#129 LTE Band17_16QAM(1-49)_Left Cheek_Ch23790_10M

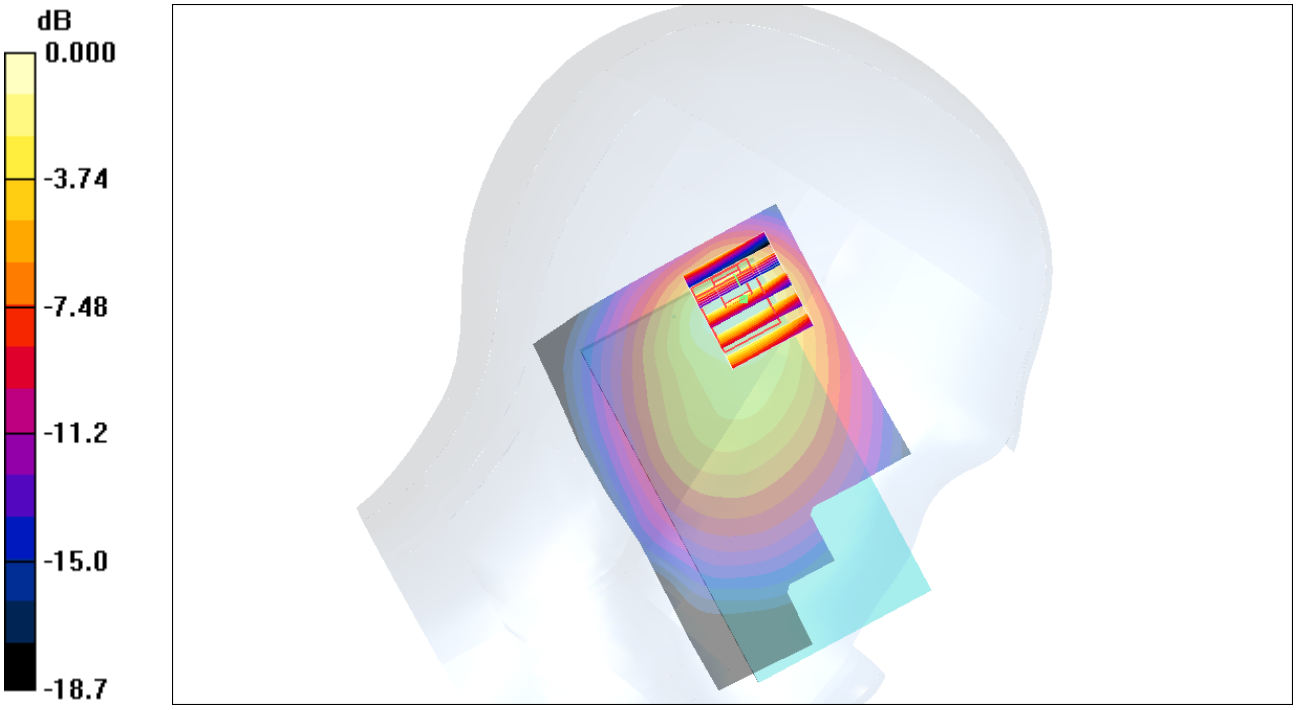
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.686 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.3 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.580 mW/g; SAR(10 g) = 0.298 mW/g
Maximum value of SAR (measured) = 0.602 mW/g



0 dB = 0.602mW/g

#130 LTE Band17_16QAM(25-13)_Left Tilted_Ch23790_10M

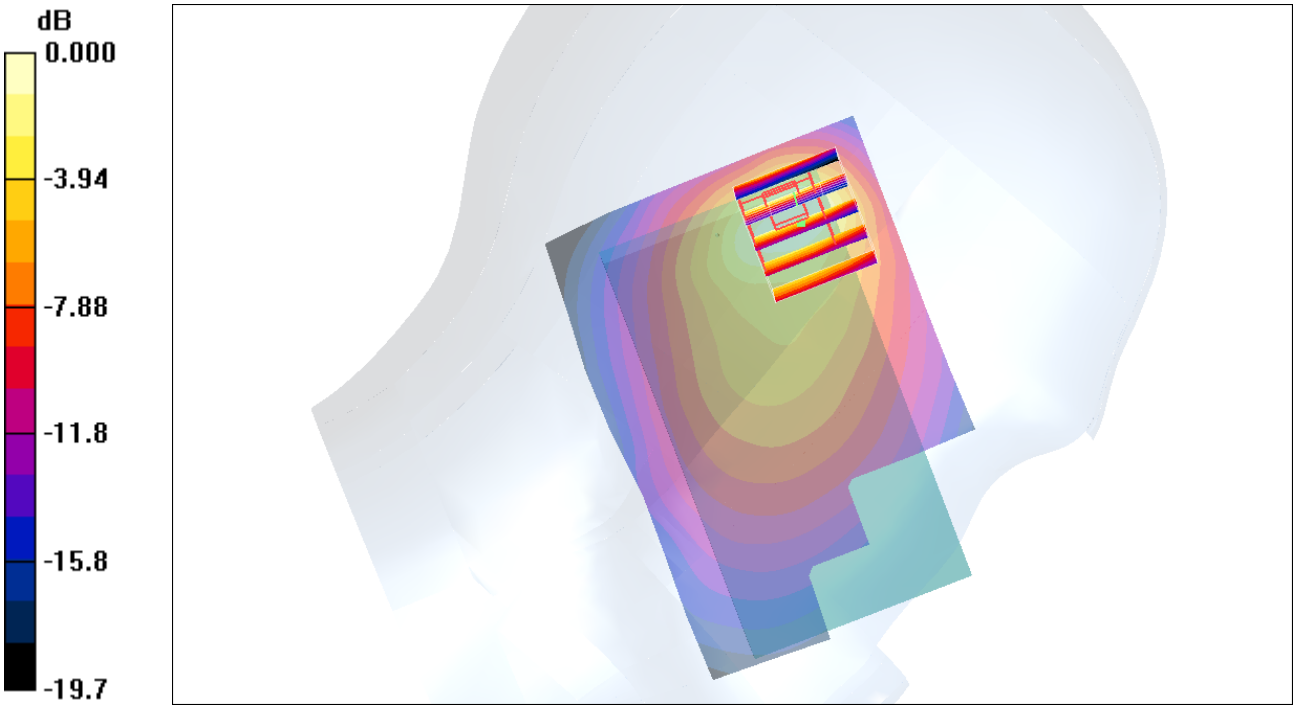
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.644 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.9 V/m; Power Drift = -0.190 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.263 mW/g
Maximum value of SAR (measured) = 0.602 mW/g



0 dB = 0.602mW/g

#131 LTE Band17_16QAM(1-0)_Left Tilted_Ch23790_10M

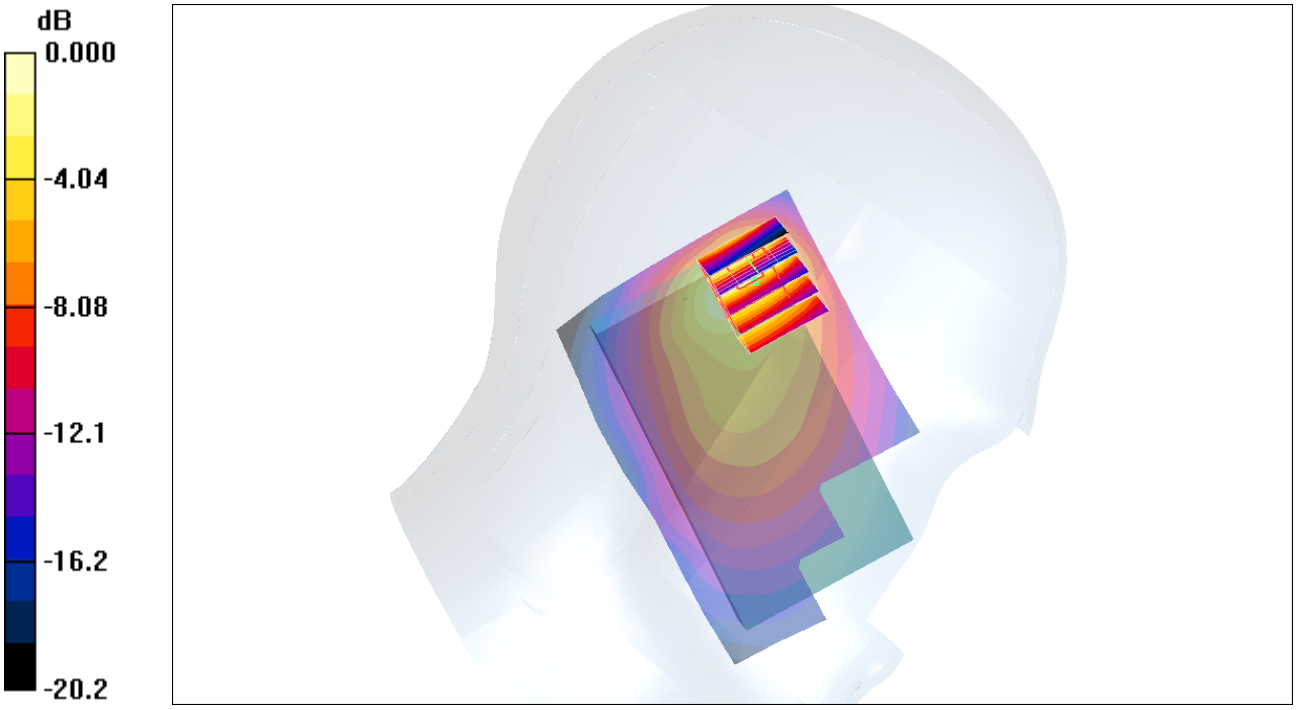
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.640 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.7 V/m; Power Drift = -0.097 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.266 mW/g
Maximum value of SAR (measured) = 0.636 mW/g



0 dB = 0.636mW/g

#132 LTE Band17_16QAM(1-49)_Left Tilted_Ch23790_10M

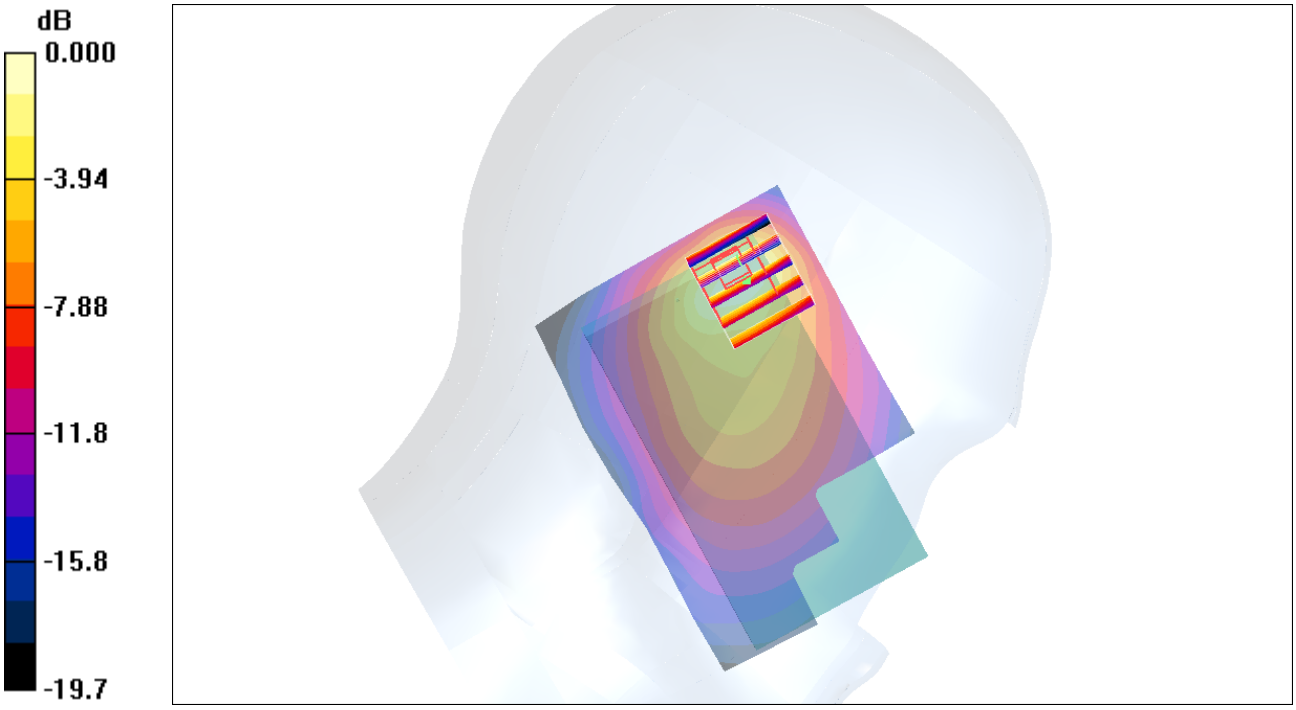
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.653 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.8 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.271 mW/g
Maximum value of SAR (measured) = 0.635 mW/g



0 dB = 0.635mW/g

#132 LTE Band17_16QAM(1-49)_Left Tilted_Ch23790_10M_2D

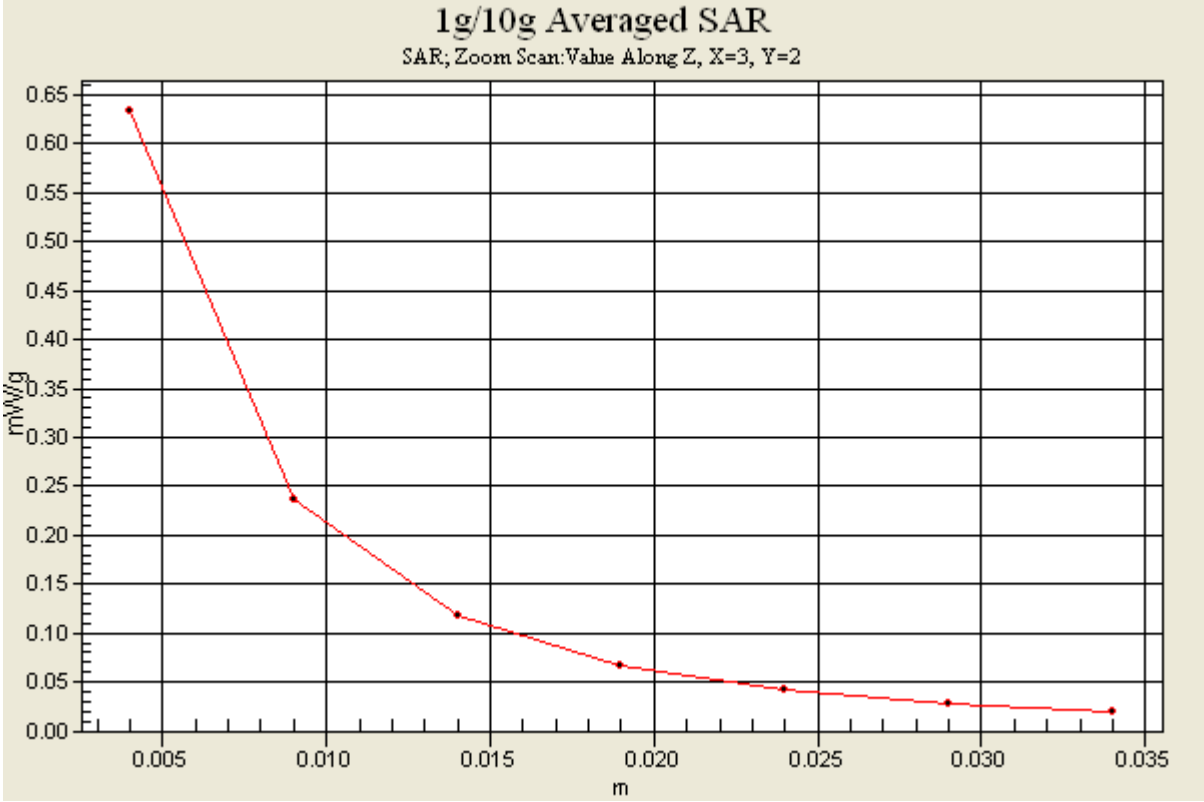
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: HSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.86 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(9.16, 9.16, 9.16); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.653 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.8 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.271 mW/g
Maximum value of SAR (measured) = 0.635 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=2
mW/g
0.65
0.60
0.55
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
0.035
m

#74 LTE Band 17_QPSK(25-13)_Front Face_1cm_Ch23790

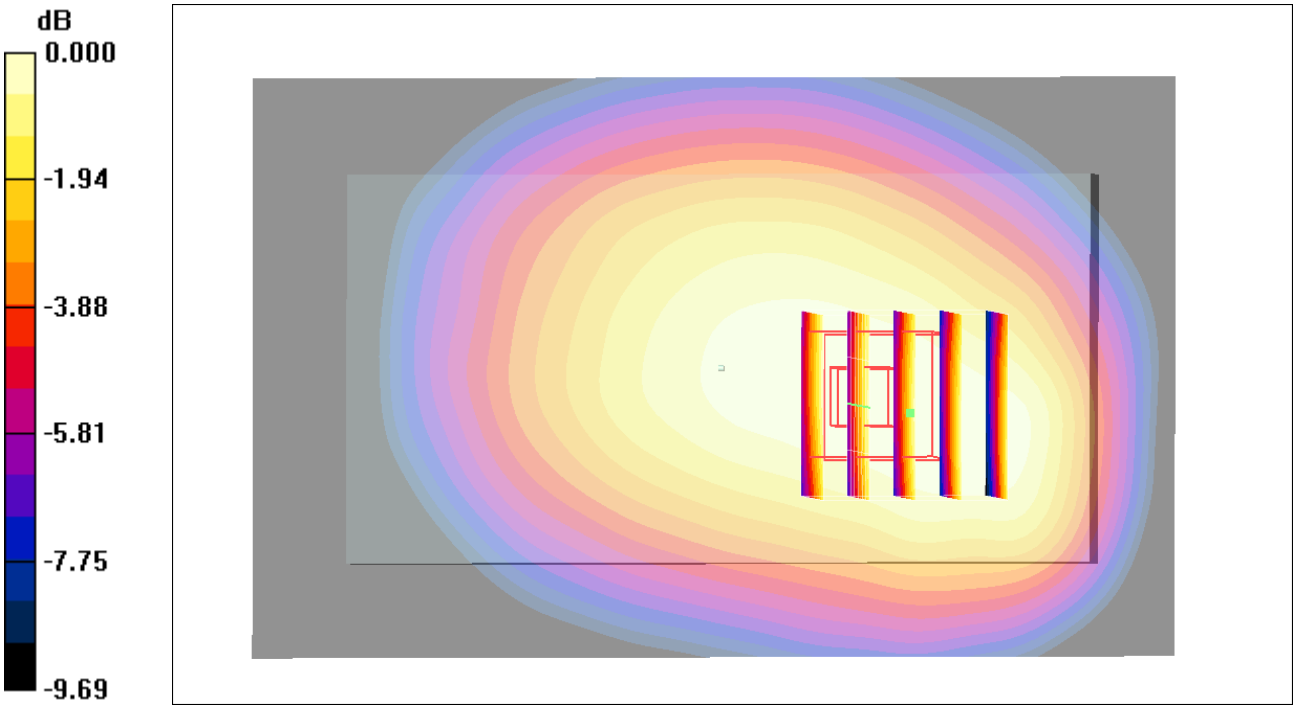
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110602 Medium parameters used: f = 710 MHz; σ = 0.921 mho/m; ε_r = 52.86; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.162 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = 0.085 dB
Peak SAR (extrapolated) = 0.194 W/kg
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.162 mW/g



0 dB = 0.162mW/g

#133 LTE Band 17_QPSK(1-0)_Front Face_1cm_Ch23790

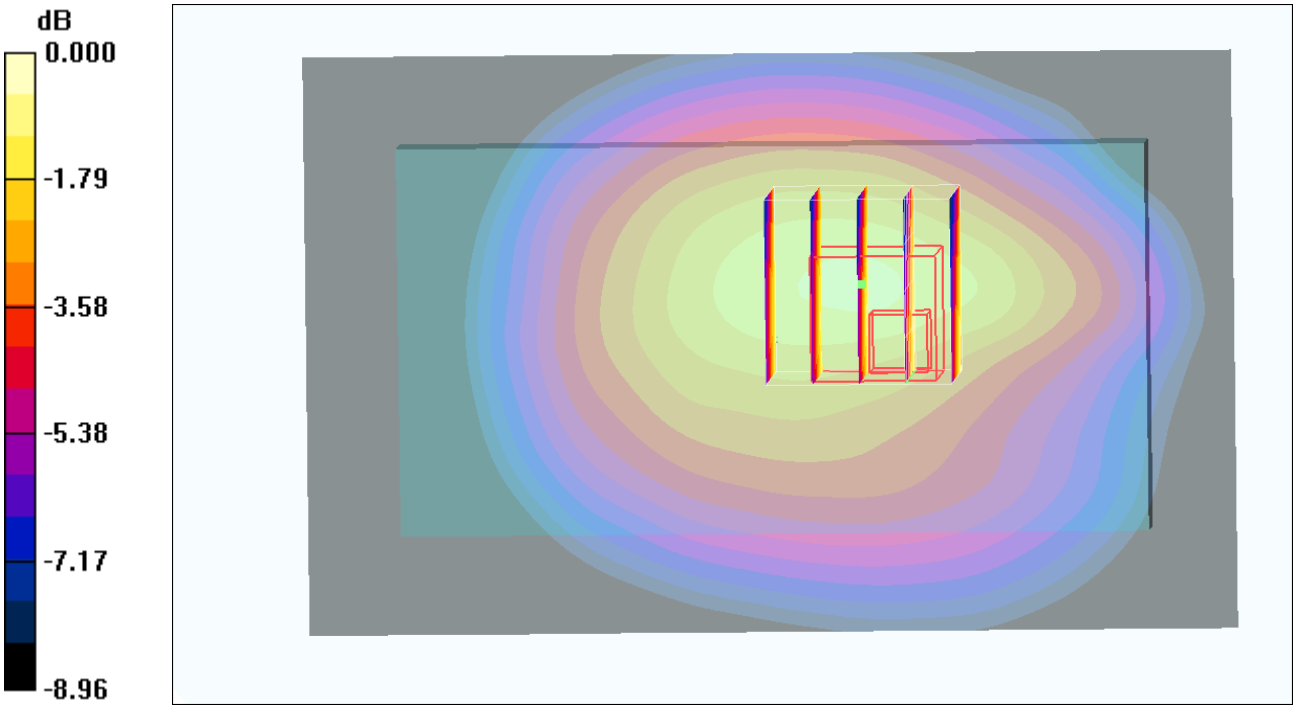
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.104 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = -0.134 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.132 mW/g



0 dB = 0.132mW/g

#134 LTE Band 17_QPSK(1-49)_Front Face_1cm_Ch23790

DUT: 142244-01

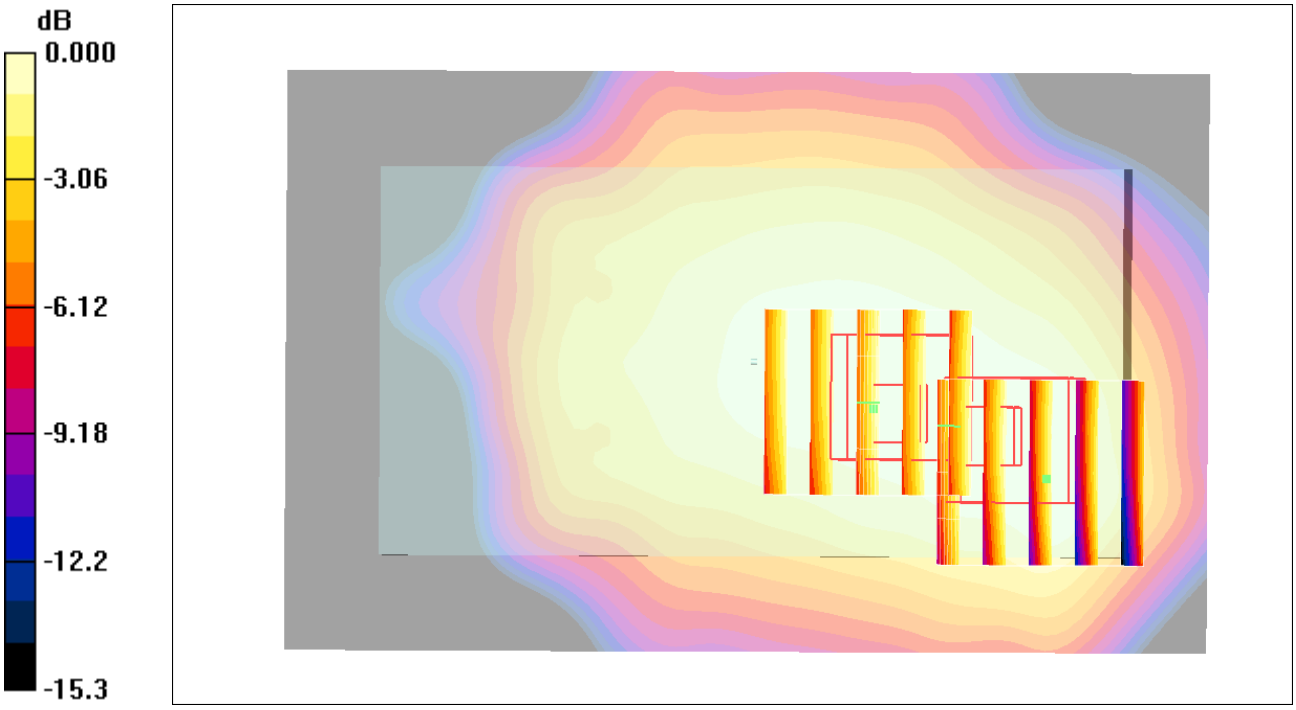
Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.135 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.097 mW/g
Maximum value of SAR (measured) = 0.133 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 0.159 W/kg
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.089 mW/g



0 dB = 0.133mW/g

#75 LTE Band 17_QPSK(25-13)_Rear Face _1cm_Ch23790

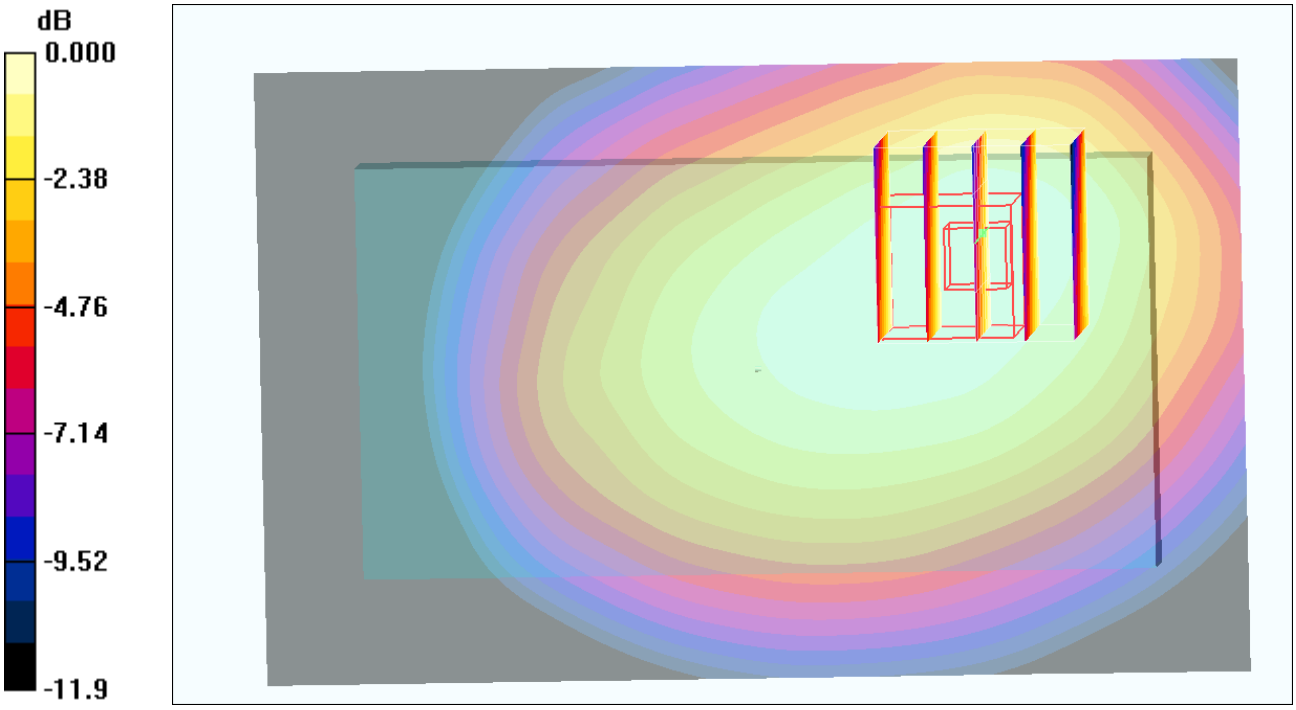
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110602 Medium parameters used: f = 710 MHz; σ = 0.921 mho/m; ε_r = 52.86; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.155 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = 0.174 dB
Peak SAR (extrapolated) = 0.198 W/kg
SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.152 mW/g



0 dB = 0.152mW/g

#135 LTE Band 17_QPSK(1-0)_Rear Face _1cm_Ch23790

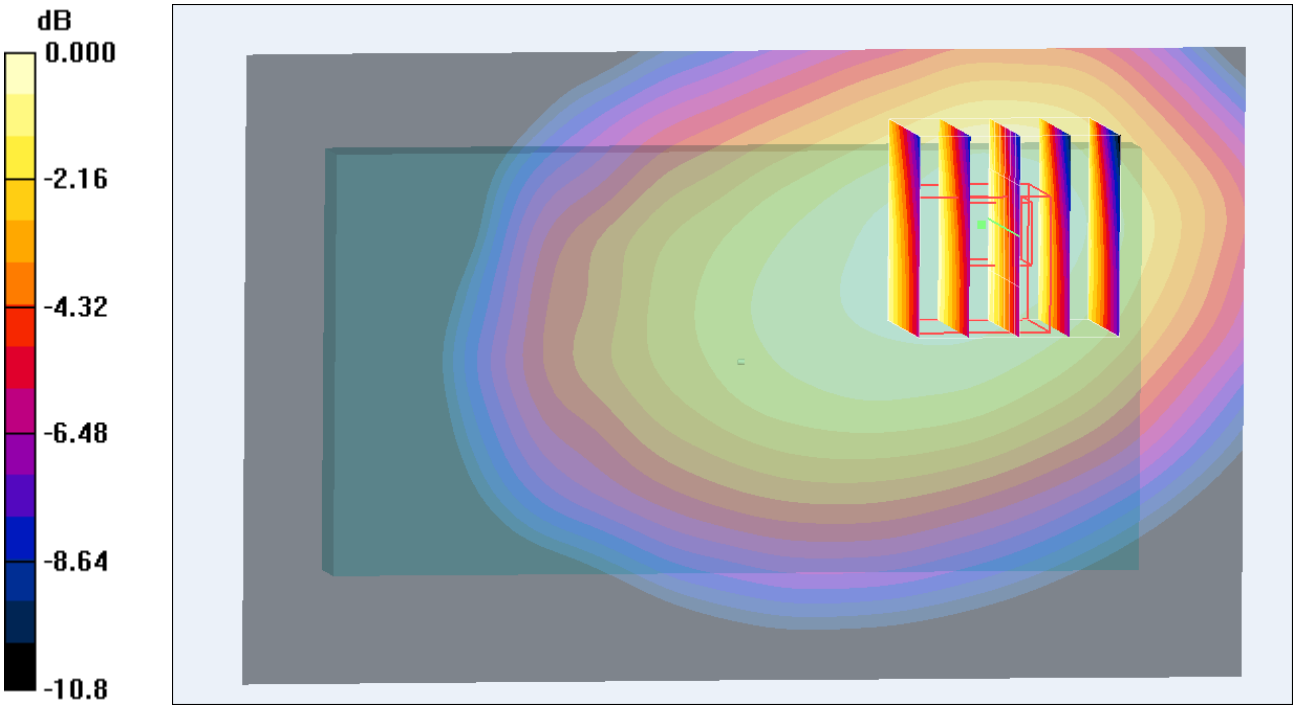
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.139 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = 0.055 dB
Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.097 mW/g
Maximum value of SAR (measured) = 0.135 mW/g



0 dB = 0.135mW/g

#136 LTE Band 17_QPSK(1-49)_Rear Face _1cm_Ch23790

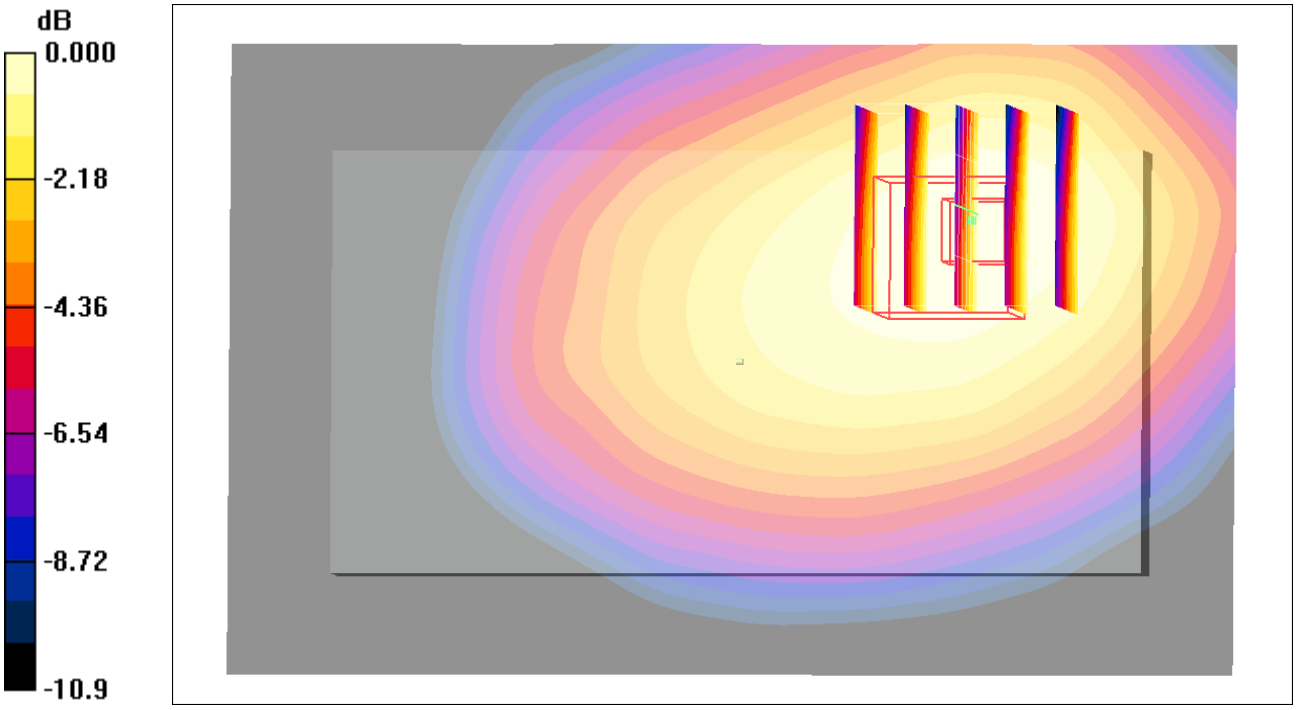
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.133 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.86 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.129 mW/g



0 dB = 0.129mW/g

#77 LTE Band 17_QPSK(25-13)_Right Side_1cm_Ch23790

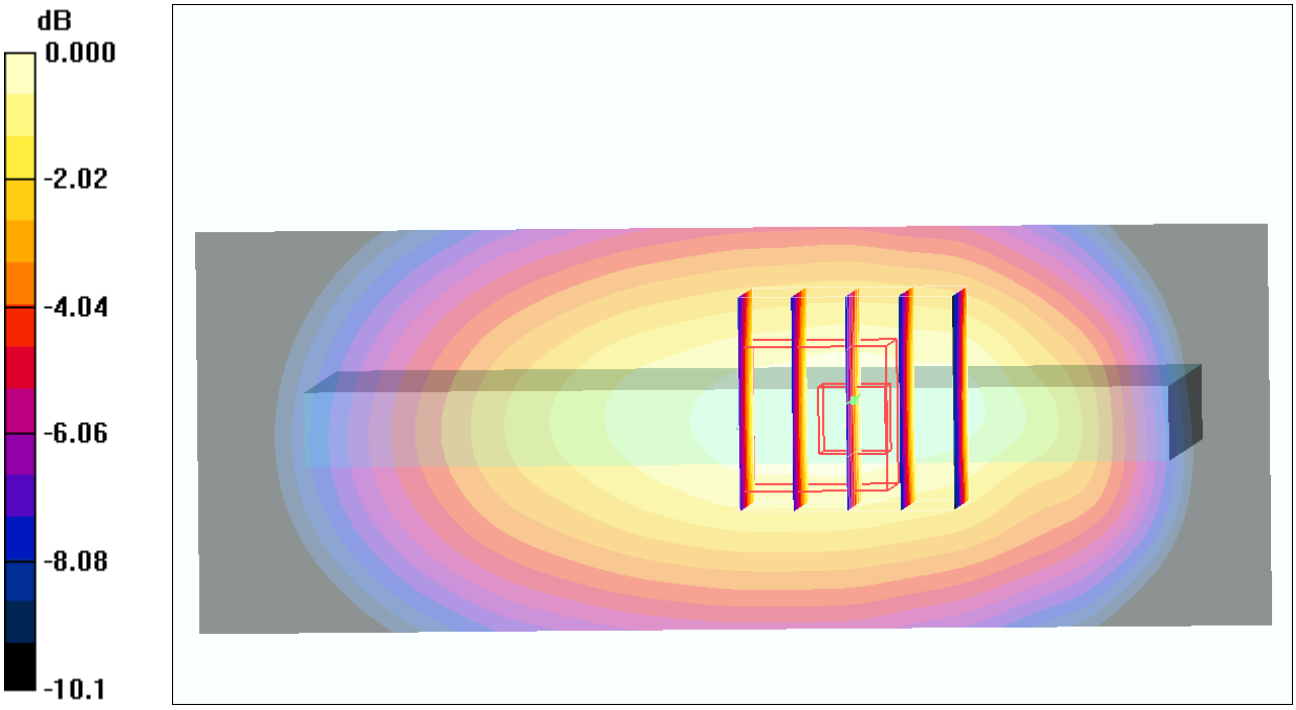
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110602 Medium parameters used: f = 710 MHz; σ = 0.921 mho/m; ε_r = 52.86; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.157 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.218 W/kg
SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.162 mW/g



0 dB = 0.162mW/g

#77 LTE Band 17_QPSK(25-13)_Right Side_1cm_Ch23790_2D

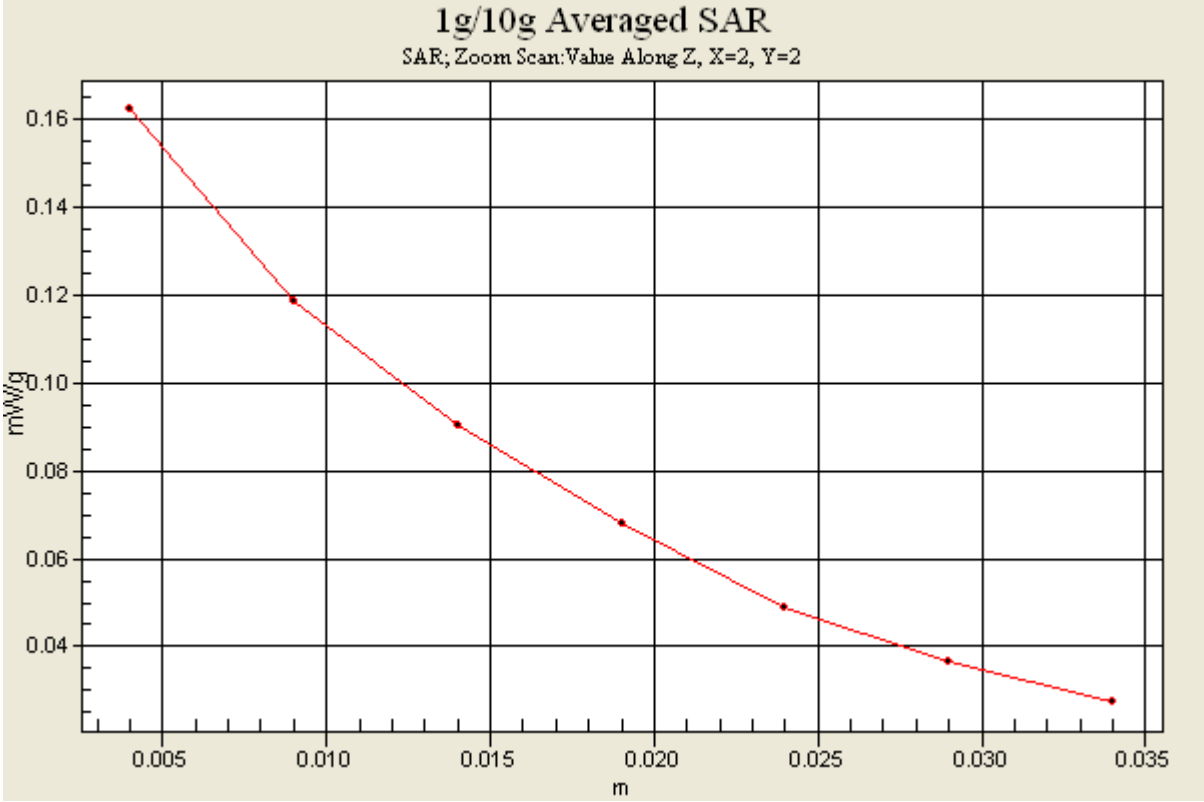
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110602 Medium parameters used: f = 710 MHz; σ = 0.921 mho/m; ε_r = 52.86; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.157 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.218 W/kg
SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.162 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
mW/g
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#139 LTE Band 17_QPSK(1-0)_Right Side _1cm_Ch23790

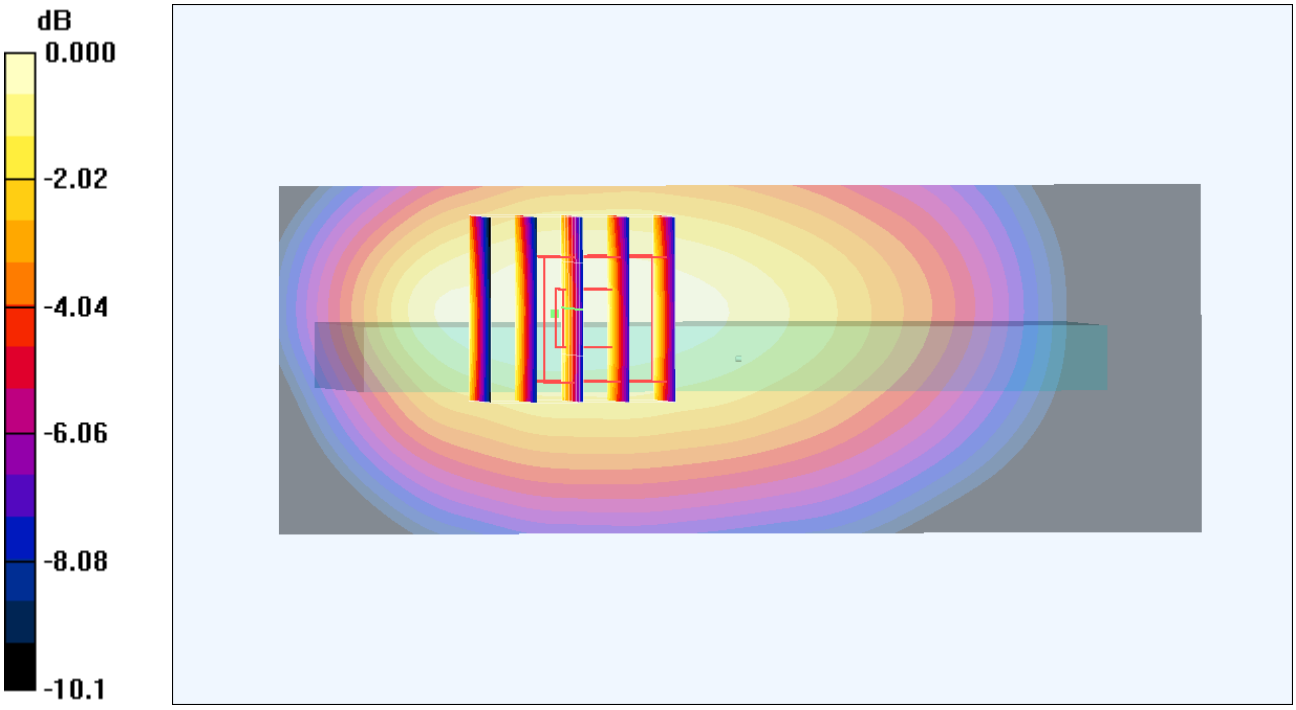
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:0
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.126 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = -0.123 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.124 mW/g



0 dB = 0.124mW/g

#140 LTE Band 17_QPSK(1-49)_Right Side _1cm_Ch23790

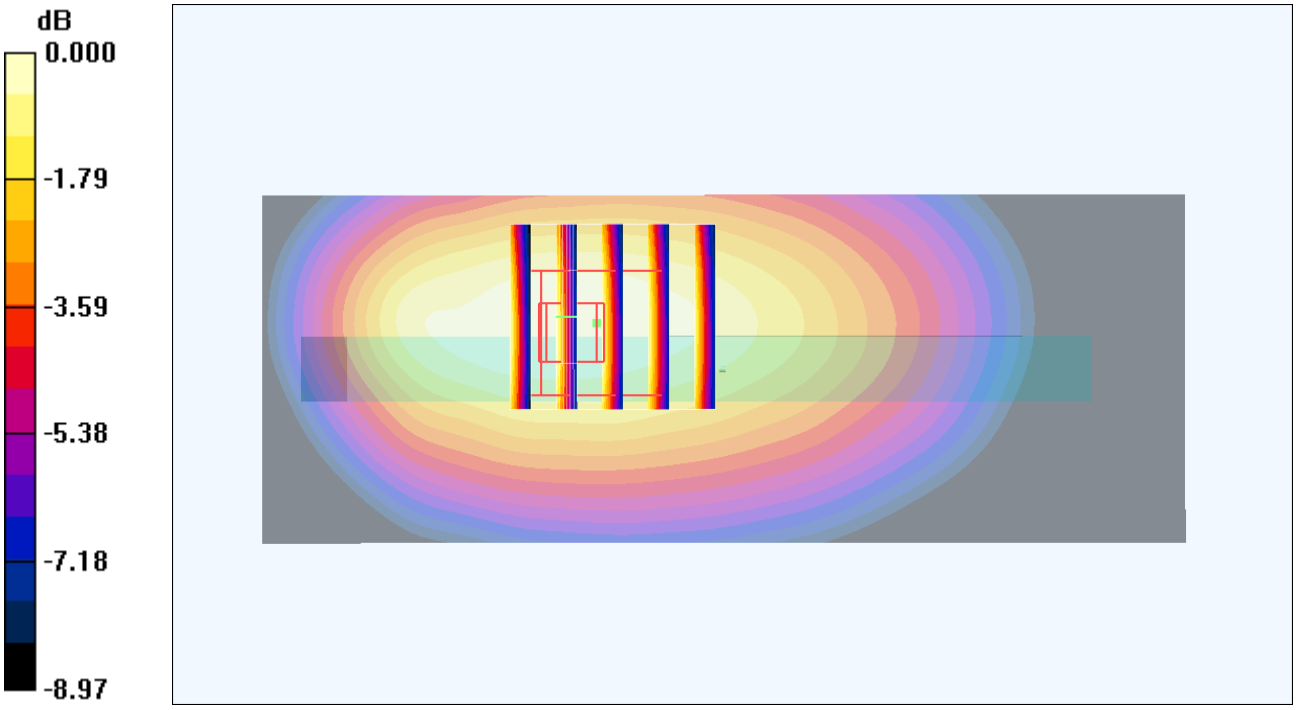
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.120 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 0.152 W/kg
SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.117 mW/g



0 dB = 0.117mW/g

#78 LTE Band 17_QPSK(25-13)_Top Side_1cm_Ch23790

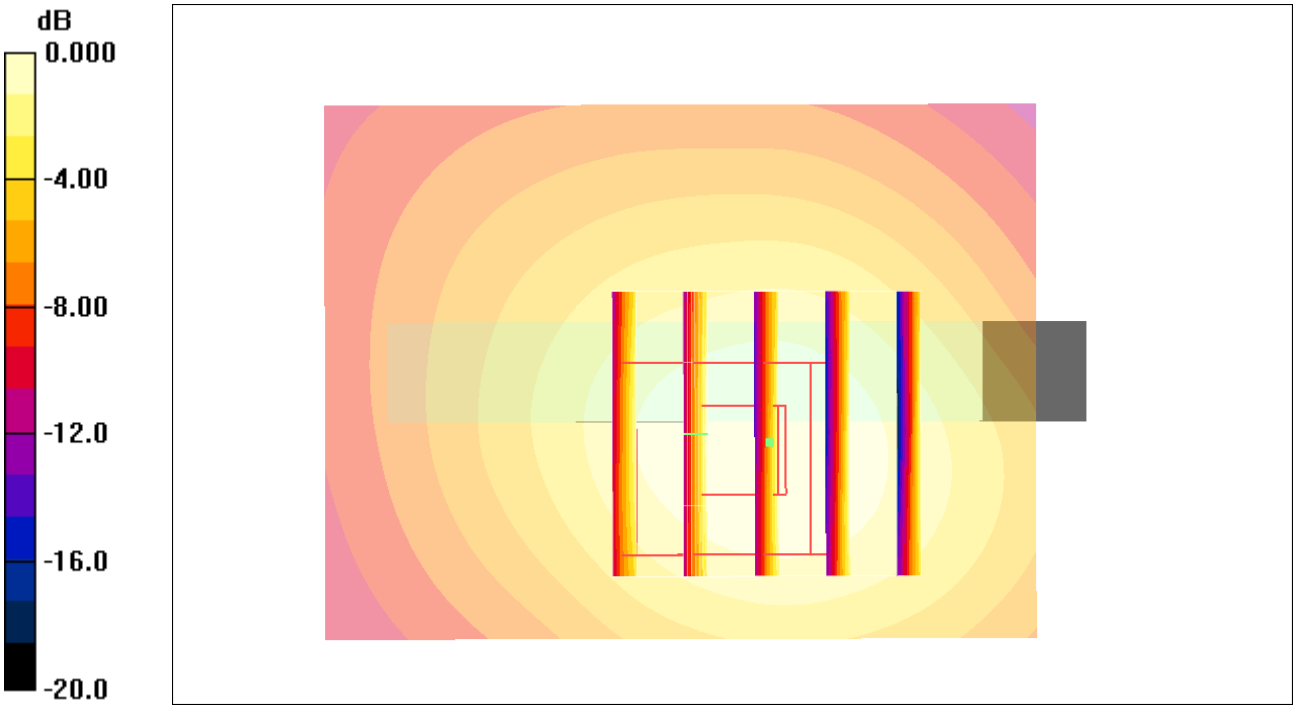
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110602 Medium parameters used: f = 710 MHz; σ = 0.921 mho/m; ε_r = 52.86; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (31x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.099 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.30 V/m; Power Drift = -0.180 dB
Peak SAR (extrapolated) = 0.161 W/kg
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.095 mW/g



0 dB = 0.095mW/g

#141 LTE Band 17_QPSK(1-0)_Top Side _1cm_Ch23790

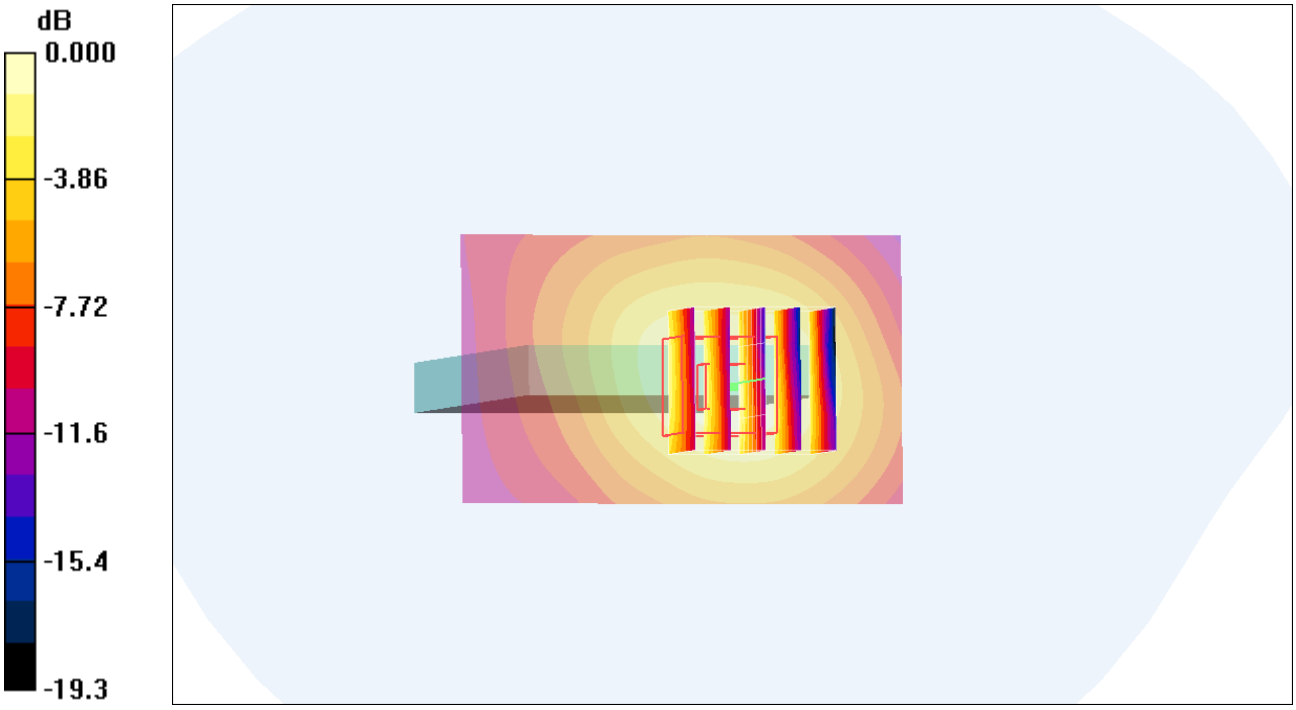
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.065 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.48 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.068 mW/g



0 dB = 0.068mW/g

#142 LTE Band 17_QPSK(1-49)_Top Side _1cm_Ch23790

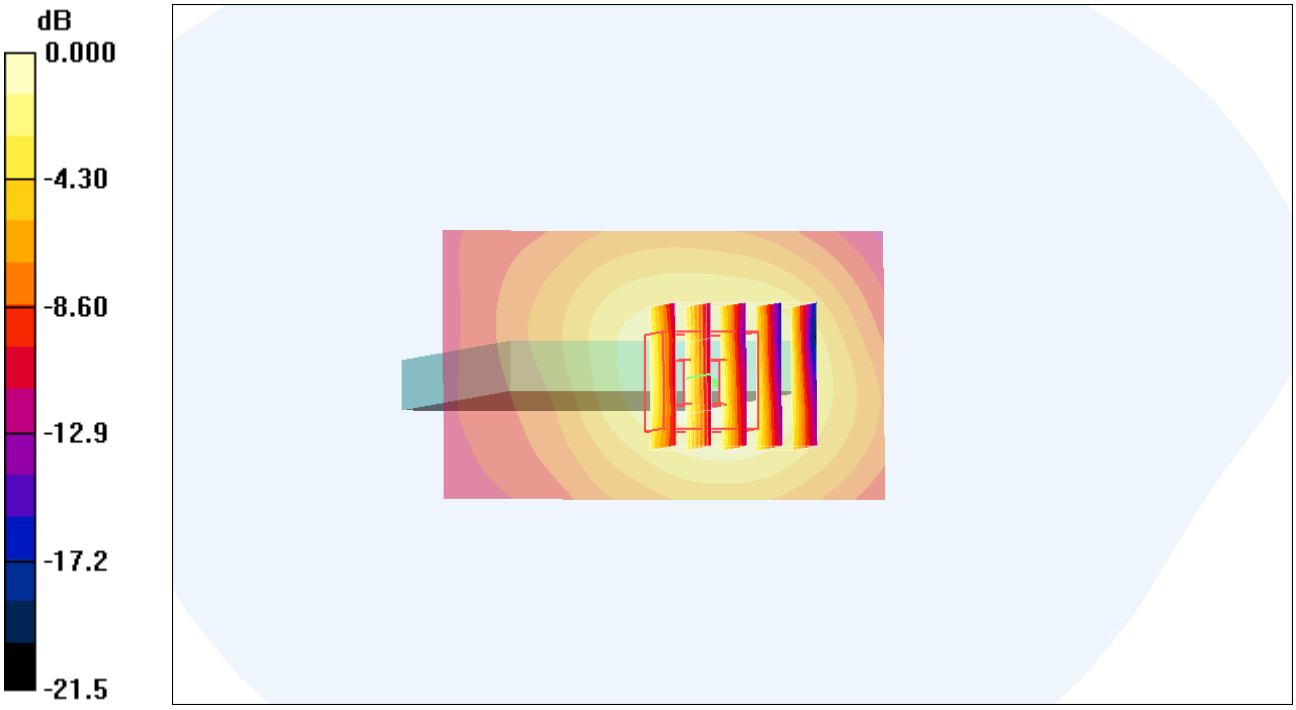
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.062 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.09 V/m; Power Drift = 0.043 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.035 mW/g
Maximum value of SAR (measured) = 0.065 mW/g



0 dB = 0.065mW/g

#143 LTE Band 17_QPSK(25-13)_Front Face_1cm_Ch23790_Earphone

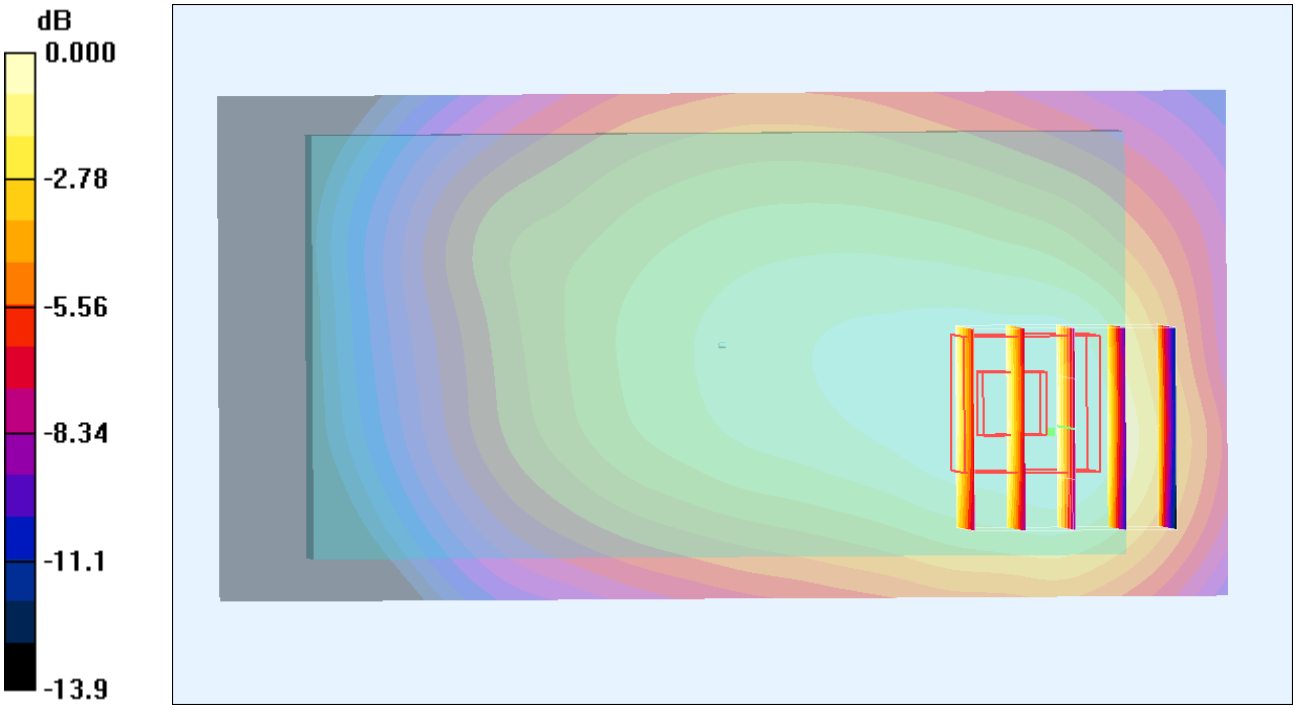
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.099 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.06 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.088 mW/g



0 dB = 0.088mW/g

#144 LTE Band 17_QPSK(1-0)_Front Face_1cm_Ch23790_Earphone

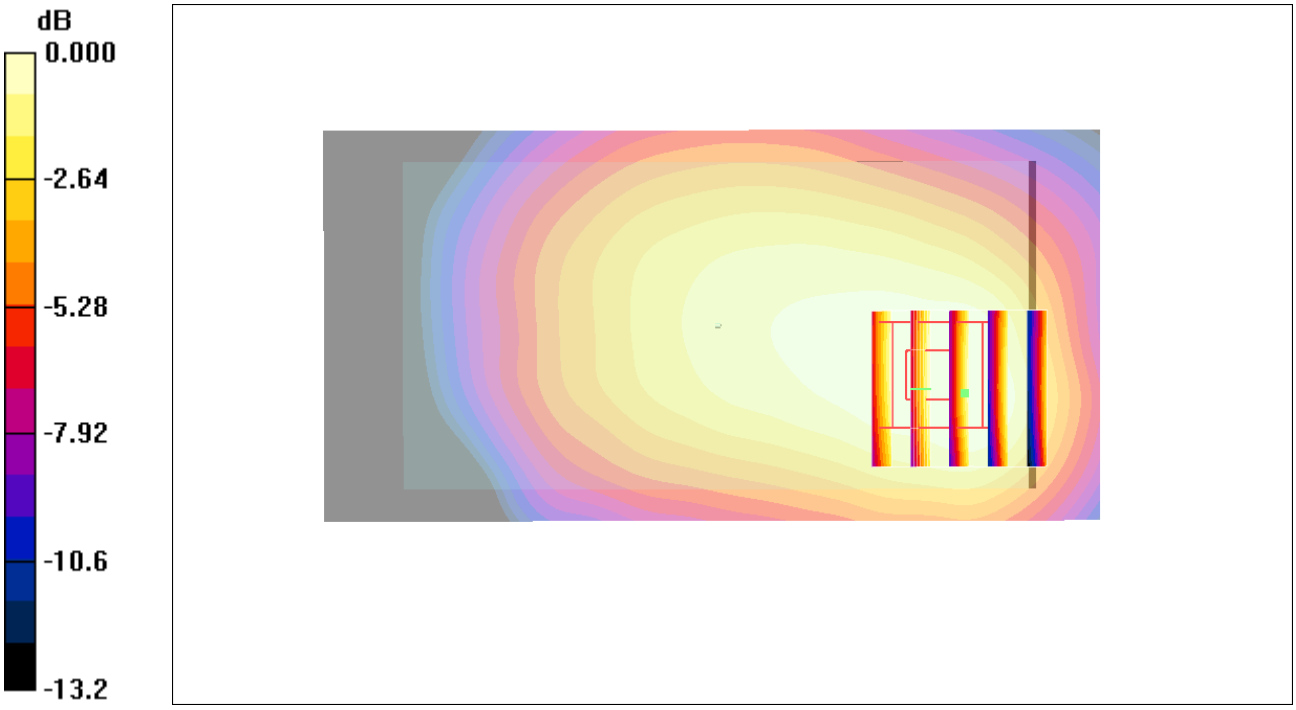
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.103 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.88 V/m; Power Drift = 0.079 dB
Peak SAR (extrapolated) = 0.114 W/kg
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.065 mW/g
Maximum value of SAR (measured) = 0.092 mW/g



0 dB = 0.092mW/g